GUSSIE NELL DAVIS
RANGERETTE RESIDENCE
KILGORE COLLEGE

Kilgore, Texas

THE ZWICK FOUNDATION

Addendum No. 1
to the Proposal Documents for
GUSSIE NELL DAVIS RANGERETTE RESIDENCE
KILGORE COLLEGE
Kilgore, Texas

Addendum No. 2
to the Proposal Documents for
GUSSIE NELL DAVIS RANGERETTE RESIDENCE
KILGORE COLLEGE
Kilgore, Texas

Addendum No. 3
to the Proposal Documents for
GUSSIE NELL DAVIS RANGERETTE RESIDENCE
KILGORE COLLEGE
Kilgore, Texas

KILGORE COLLEGE
KILGORE, TEXAS

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REGISTERED ARCHITECT
BRICE J DAVIS
STATE OF TEXAS
BRICE J DAVIS
JUNE 14, 2005

Gussie Nell Davis
Rangerette Residence
Kilgore College

BID INFORMATION:

Bid Opening:
Date:
July 13, 2005
Time:
2:00 PM
Location:
Second Floor
Conference Room
Administration Building
Kilgore College
Kilgore, Texas

Project Number: 0421

Set No.
35

ABBREVIATIONS

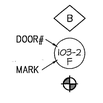
A	
AB	anchor bolt
ABV	above
A/C	air conditioning
ACOUS	acoustical
ADD	addendum
ADDNL	additional
ADJ	adjustable
AFF	above finished floor
AHU	air handling unit
ALT	alternate
ALUM	aluminum
ANOD	anodized
APPROX	approximately
ARCH	architect(ural)
ATTEN	attenuation
AUTO	automatic
AUX	auxiliary
A / V	audio visual
B	
BASE PL	base plate
BB	basketball
BD	board
B / F	below floor
BIT	bitumen
BLDG	building
BLKG	blocking
BLVD	boulevard
BM	bench mark or beam
BOT	bottom
BRG	bearing
BSMT	basement
BTWN	between
BUR	built-up roofing
BW	both ways
C	
CAB	cabinet
CB	catch basin
CBD	chalkboard
C/C	center-to-center
CCMU	custom concrete masonry unit
CER	ceramic
CF	cubic foot
CFM	cubic foot per minute
C&G	curb and gutter
CHNL	channel
CIP	cast-in-place
CIR	circle
C.J	control joint or
CL	centerline
CLG	ceiling
CLO	closet
CLR	clear (ance)
CM	centimeter
CMU	concrete masonry unit
CO	clean out
COL	column
COMP	composition (composite)
CONC	concrete
COND	condensate
CONF	conference
CONST	construction
CONT	continuous or contrive
CPT	carpet
CR	classroom
CSMT	casement
CTR	center
CW	cold water
CYD	cubic yard
D	
DBL	double
DEMO	demolish, demolition
DET	detail
DF	drinking fountain
DIA	diameter
DIAG	diagonal
DIM	dimension
DL	dead load
DN	down
DR	door or drive
DS	downspout
DTL	detail
DWG	drawing
DWL	dowel
E	
EA	each
ED	education
EIFS	exterior insulation finish system
EJ	expansion joint
EL	elevation
ELEC	electric (al)
ELEM	elementary
ELEV	elevator
EMER	emergency
EQ	equal
EQUIP	equipment
EST	estimate
EW	each way
EWC	electric water cooler
EWH	electric water heater
EXH	exhaust
EXIST	existing
EXP	exposed
EXT	exterior
F	
FA	fire alarm
FBO	furnished by others
FCO	floor cleanout
FD	floor drain
FE	fire extinguisher cabinet
FFE	finished floor elevation
FH	fire hydrant
FHC	fire hose cabinet
FIN	finish (ed)
FIX	fixture
FLEX	flexible
FLOUR	fluorescent
FL / FLR	floor (ing)
FND	foundation
FO	face of
FPRF	fireproofing
FR	fire rated
FT	foot (feet)
FTG	footing
FURR	furred (ing)
G	
GA	gage, gauge
GALV	galvanized
GB	grab bar
GC	general contractor
GFI	ground fault interupt
GL	glass, glazing
GND	ground
GYM	gymnasium
GYP	gypsum

H	
HB	hose bibb
HC	handicap
HC	hollow core
HDW	hardware
HDWD	hardwood
HM	hollow metal
HORIZ	horizontal
HR	hour
HS	high school
HT	height
HTR	heater
HW	hot water
HWH	hot water heater
HVAC	heating / venting / air conditioning
I	
ID	inside diameter
IF	inside face
IN	inch
INFO	information
INSUL	insulation
INT	interior
INTER	intermediate
ISD	independent school district
J	
JAN	janitor
J BOX	junction box
JST	joist
JT	joint
K	
KIT	kitchen
KS	king size
L	
L	length
LAB	laboratory
LAM	laminate
LAV	lavatory
LBS	pounds
LF	linear feet
LH	left hand
LL	live load
LLH	long leg horizontal
LLV	long leg vertical
LONG	longitudinal
LT	light
LTG	lighting
LTWT	lightweight
LVL	level
LVR	louver
M	
M	meter(s)
MAINT	maintenance
MAS	masonry
MAT	material(s)
MAX	maximum
MBD	markerboard
MBR	member
MECH	mechanical
MED	medium
MEZZ	mezzanine
MFR	manufacturer
MH	man hole
MIN	minimum
MIR	mirror
MISC	miscellaneous
MLWK	millwork
MO	masonry opening
MOD	modular
MS	middle school
MTL	metal
MULL	mullion
N	
NAT	natural
NIC	not in contract
NO	number
NOM	nominal
NTCC	northeast texas community college
NTS	not to scale
O	
OA	outside air
OAU	outside air unit
OC	on center
OCEN	on center, each way
OD	outside diameter
OF	outside face
OFD	overflow drain
OFF	office
OH	opposite hand
OPG	opening
OPP	opposite
OSB	oriented strand board
P	
PART	partition
PB	panic bar
PBD	partical board
PCF	pounds per cubic foot
PERP	perpendicular
PG	pour grade
PL	plate
P LAM	plastic laminate
PLAS	plaster
PLBG	plumbing
PLF	pounds per lineal foot
PLWD	plywood
PNL	panel
PR	pair
PRE FIN	prefinished
PREP	preparation
PS	primary school
PSI	pounds per square inch
PSF	pounds per square foot
PT	pressure treated
PTDISP	paper towel dispenser
PTREC	paper towel receptacle
PVC	polyvinyl chloride
PVMT	pavement
Q	
QT	quarry tile
R	
R	radius
R/A	return air
RCP	reinforced concrete pipe
RD	roof drain
RE	reference
REF	refrigerator
REINF	reinforce(d), (ing)
REQ'D	required
REV	reverse
RFG	roofing
RH	right hand
RM	room
RO	rough opening
ROW	right of way
RTU	roof top unit
S	
S/A	supply air
SANS	sanitary sewer
SC	solid core
SCHED	schedule
SD	storm drain
SEC	section
S.F.	square foot/feet
SHT	sheet
SIM	similar
SM	surface mount
SPEC	specification(s)
SQ	square
SS	storm sewer
SSTL	stainless steel
STD	standard
STL	steel
STO	storage
STRUC	structural
SUSP	suspended
SVC	service
SYM	symmetry (ical)
T	
TAS	texas accessibility standards
TB	towel bar
T&B	top and bottom
TBD	tackboard
TEL	telephone
TEMP	temperature
TERM	terminate
T&G	tongue and groove
THK	thick(ness)
THOLD	threshold
THRU	through
TLT	toilet
TO	top of
TOB	top of beam
TOC	top of curb
TOJ	top of joist
TOL	tolerance
TOS	top of steel
TOW	top of wall
TP	toilet partition
TPDISP	toilet paper dispenser
TS	tube steel
T'STAT	thermostat
TV	television
TYP	typical
U	
U/C	undercounter
U/F	under floor
U/G	under ground
UL	underwriters laboratories Inc.
UNO	unless noted otherwise
UR	urinal
U/S	under slab
V	
VB	volleyball
VCT	vinyl composition tile
VENT	ventilation
VERT	vertical
VEST	vestibule
VOL	volume
VTR	vent thru roof
W	
W	width or waste
W /	with
WC	water closet
WD	wood
WF	water faucet
WH	wall hung
WHS	wheel stop
WIN	window
WKRM	workroom
WM	water meter
W / O	without
WP	waterproofing
WS	waterstop
WWF	welded wire fabric
X	
XFMR	transformer
Y	
YD	yard
Z	

MATERIAL INDICATIONS

- BATT INSULATION (THERMAL)
- BATT INSULATION (SOUND ATTENUATION)
- BRICK
- BRICK PAVERS
- CARPET
- CONCRETE
- CUSTOM CONCRETE MASONRY UNIT
- CONCRETE MASONRY UNIT
- EARTH/SELECT FILL
- E.I.F.S. (EXTERIOR INSULATION FINISH SYSTEM)
- GYPSUM BOARD
- GYPSUM BOARD SHEATHING
- METAL
- MASONRY INSULATION
- PLYWOOD
- PAVING BASE
- RIGID INSULATION
- SAND
- STEEL
- TILE
- WOOD (FINISH)
- WOOD (ROUGH)
- WOOD (DECKING)
- WOOD (BLOCKING)

GRAPHIC SYMBOLS



WINDOW IDENTIFICATION

DOOR IDENTIFICATION

ELEVATION MARK

SECTION CUT IDENTIFICATION

ELEVATION IDENTIFICATION

DIMENSION STRING

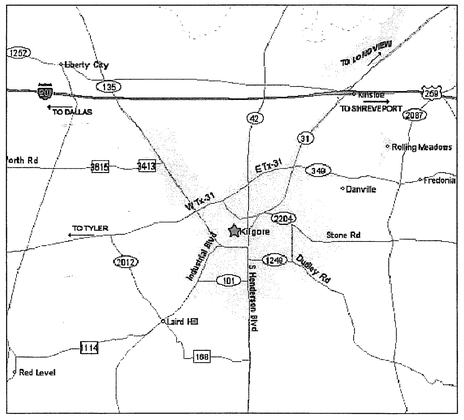
COLUMN GRID IDENTIFICATION

MASONRY/DRYWALL CONTROL JOINTS

PLAN DETAIL IDENTIFICATION

MILLWORK DETAIL

PROJECT LOCATION MAP



DETAIL REFERENCE LEGEND

- **BS** BUILDING SECTIONS — LOCATED ON ARCHITECTURAL SHEETS - DIVISION 4
- **CD** CEILING DETAILS — LOCATED ON ARCHITECTURAL SHEETS - DIVISION 7
- **DD** DOOR DETAILS — LOCATED ON ARCHITECTURAL SHEETS - DIVISION 6
- **EE** EXTERIOR ELEVATIONS — LOCATED ON ARCHITECTURAL SHEETS - DIVISION 3
- **IE** INTERIOR ELEVATIONS — LOCATED ON ARCHITECTURAL SHEETS - DIVISION 5
- **MW** MILLWORK DETAILS — LOCATED ON ARCHITECTURAL SHEETS - DIVISION 5
- **PD** PLAN DETAILS — LOCATED ON ARCHITECTURAL SHEETS - DIVISION 2
- **RD** ROOF DETAILS — LOCATED ON ARCHITECTURAL SHEETS - DIVISION 8
- **SD** SECTION DETAILS — LOCATED ON ARCHITECTURAL SHEETS - DIVISION 4
- **ST** SITE DETAILS — LOCATED ON ARCHITECTURAL SHEETS - DIVISION 1
- **WS** WALL SECTIONS — LOCATED ON ARCHITECTURAL SHEETS - DIVISION 4

SHEET REFERENCE LEGEND

- A ARCHITECTURAL
- E ELECTRICAL
- EL ELECTRICAL LIGHTING
- M MECHANICAL
- I INFORMATION
- ME MECHANICAL / ELECTRICAL
- P PLUMBING
- S STRUCTURAL
- T ELECTRICAL COMMUNICATIONS
- TS TOPOGRAPHICAL SURVEY

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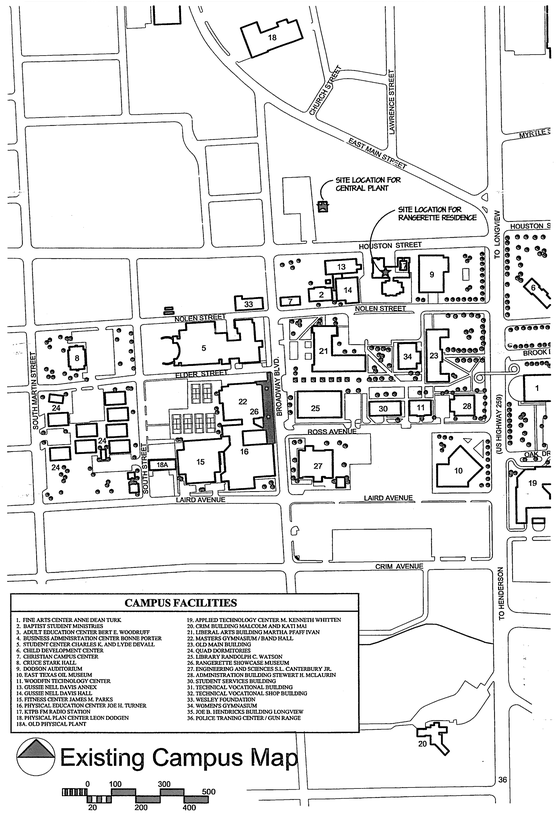
F 2.0 FIRE PROTECTION - OVERALL FLOOR PLAN

TS TOPOGRAPHICAL SURVEY

PROJECT LOCATION MAP



Existing Campus Map

0 100 300 500
20 200 400

ALTERNATE LIST

REFER SPECIFICATION SECTION 01000 FOR ADDITIONAL ALTERNATE INFORMATION.

ALTERNATES — ALTERNATE PRICES SHALL INCLUDE COST OF MODIFICATIONS INCLUDING OVERHEAD AND PROFIT, THE REFERENCED SPECIFICATION SECTIONS AND SCHEDULES CONTAIN PERTINENT REQUIREMENTS FOR METHODS TO ACHIEVE THE WORK. ALTERNATE WORK IS NOT LIMITED BY THESE REFERENCES. ALTERNATES WILL BE EXERCISED AT THE OPTION OF THE OWNER. COORDINATE RELATED WORK AND MODIFY SURROUNDING WORK AS REQUIRED TO COMPLETE THE WORK, INCLUDING CHANGES UNDER EACH ALTERNATE, WHEN ACCEPTANCE IS DESIGNATED IN THE CONTRACT.

ALTERNATE NO. 1: See Addendum — MECHANICAL/ELECTRICAL WORK FOR DODSON AUDITORIUM: PROVIDE/INSTALL THE DETAILED MECHANICAL PIPING TO DODSON AUDITORIUM AND COORDINATE THE DETAILED MECHANICAL AND ELECTRICAL WORK WITHIN DODSON AUDITORIUM. BASE BID IS FOR THE INSTALLATION OF THE DETAILED VALVE BOX WITH CONNECTION VALVES FOR THE MECHANICAL PIPING ONLY AND NO WORK TO AND IN DODSON AUDITORIUM.

ALTERNATE NO. 2: EXTERIOR PATIO COOKING CENTER: PROVIDE/INSTALL A NEW EXTERIOR PATIO COOKING CENTER AS DETAILED ON THE DRAWINGS. BASE BID IS FOR NO COOKING CENTER, ONLY THE EXTENSION AND CAPPING OF DETAILED ELECTRICAL AND GAS FOR FUTURE CENTER INSTALLATION.

ALTERNATE NO. 3: VINYL WALLCOVERING: PROVIDE/INSTALL ALL SCHEDULED VINYL WALLCOVERING ON THE PROJECT. BASE BID IS FOR NO VINYL WALLCOVERING, THE INVOLVED GYPSUM BOARD WALL TO BE TEXTURED AND PAINTED.

ALTERNATE NO. 4: ACOUSTICAL WALLCOVERING: PROVIDE/INSTALL ALL SCHEDULED ACOUSTICAL WALLCOVERING ON THE PROJECT. BASE BID IS FOR NO ACOUSTICAL WALLCOVERING, THE INVOLVED GYPSUM BOARD WALL TO BE TEXTURED AND PAINTED.

ALTERNATE NO. 5: PLASTIC LAMINATE WALL PANEL SYSTEM: PROVIDE/INSTALL ALL SCHEDULED PLASTIC LAMINATE WALL PANEL SYSTEM ON THE PROJECT. BASE BID IS FOR NO PLASTIC LAMINATE WALL PANEL SYSTEM, THE INVOLVED GYPSUM BOARD WALL TO BE TEXTURED AND PAINTED.

ALTERNATE NO. 6: PERFORMANCE SOLID VINYL TILE: PROVIDE/INSTALL ALL SCHEDULED PERFORMANCE SOLID VINYL TILE ON THE PROJECT. BASE BID IS FOR VINYL COMPOSITION TILE AS SCHEDULED.

Sheet I1.0

1. Under Alternate List, Alternate Number 1, revise the alternate title to be "MECHANICAL WORK FOR DODSON AUDITORIUM" and revise the first sentence to read as follows:

   "Provide/install the detailed mechanical piping to and the chiller/boiler for Dodson Auditorium and coordinate the detailed mechanical work within Dodson Auditorium.".

REGISTERED ARCHITECT — STATE OF TEXAS — 9875 — BRICE J. DAVIS
June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 Fax 903.753.7317
Email: T D A @ T - D A r c h i t e c t s . c o m
w w w . T - D A r c h i t e c t s . c o m

MEP ENGINEER
EMA
www.emainc.com
Estes, McClure & Associates, Inc.
Engineering & Consulting
3608 West Way
Tyler, Texas 75703
phone: 903-581-2677 fax: 903-581-2721

STRUCTURAL ENGINEER
UBSE
UNIFIED BUILDING SCIENCES & ENGINEERING, INC.
405 International Parkway, Suite 209
Richardson, Texas 75081
Phone 972.783.8683 Fax 972.783.8684
Email: Cadd@UBSE.com
www.UBSE.com

KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE
Kilgore, Texas

FILE NAME: 04211-0
PROJECT NUMBER: 0421

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ALTERNATE LIST

I 1.0

HANDICAP MOUNTING HEIGHTS

GENERAL

CHALK / TACKBOARD (MIT TOP)	80"
CHALK / TACKBOARD (MIT BOTTOM)	32"
FIRE EXT. CABINET (MIT BOTTOM)	40"
RAMP 4 STAILS (TOP OF HANDRAILS)	34"
HANDICAP SIGNAGE (CENTERLINE)	60"
HANDICAP SIGNAGE (AWAY FROM STRIKE SIDE OF DOOR)	8"
PANIC BAR	40"

ADULTS

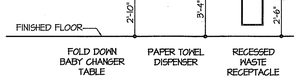
SWITCHES / CONTROLS (CENTERLINE)	
TELEPHONE-WALL (FRONTAL / SIDE)	48" / 54"
SOAP DISPENSER (FRONTAL / SIDE)	48" / 54"
TOWEL DISPENSER (FRONTAL / SIDE)	48" / 54"
HAND DRYER (FRONTAL / SIDE)	48" / 54"
TOILET PAPER DISPENSER	14"
MIRROR (TO BOTTOM OF REFLECTIVE SURFACE)	40"
ELECTRIC WATER COOLER (TO OUTLET)	36"
ELECTRIC WATER COOLER (KNEE CLEARANCE)	27"
WATER CLOSET (TOP OF SEAT)	14"
GRAB BARS (TOP)	36"
WATER CLOSET (FLUSH CONTROLS)	44"
LAVATORIES (BOTTOM OF APRON)	29"
LAVATORIES (TOP OF RIM)	34"
URINAL (RIM OF BASIN)	17"
URINAL (FLUSH CONTROLS)	44"
SHOWER STALLS (TOP OF SEAT)	18"
SHOWER STALL (GRAB BARS)	33" / 36"

CHILDREN AGES 4 THRU 10 OR 11 - GRADES PRE-K THRU 5 OR 6

SWITCHES / CONTROLS (CENTERLINE)	
TELEPHONE-WALL (FRONTAL / SIDE)	42" / 48"
SOAP DISPENSER (FRONTAL / SIDE)	42" / 48"
TOWEL DISPENSER (FRONTAL / SIDE)	42" / 48"
HAND DRYER (FRONTAL / SIDE)	42" / 48"
TOILET PAPER DISPENSER	14"
FOOD SERVICE LINES (TOP OF TRAY SLIDE)	30"
MIRROR (TO BOTTOM OF REFLECTIVE SURFACE)	34"
ELECTRIC WATER COOLER (TO OUTLET)	32"
ELECTRIC WATER COOLER (KNEE CLEARANCE)	26"
WATER CLOSET (TOP OF SEAT)	15"
GRAB BARS (TOP)	30"
WATER CLOSET (FLUSH CONTROLS)	42"
LAVATORIES (KNEE CLEARANCE)	26"
LAVATORIES (RIM OR COUNTER SURFACE)	30"
LAVATORIES (TO FAUCETS FROM FRONT EDGE)	19"
URINAL (RIM OF BASIN)	14"
URINAL (FLUSH CONTROLS)	42"
SHOWER STALLS (TOP OF SEAT)	15"
SHOWER STALL (GRAB BARS)	30"
SHOWER STALL (HAND SHOWER HEAD MOUNTING-FRONT)	42"
SHOWER STALL (HAND SHOWER HEAD MOUNTING-SIDE)	48"

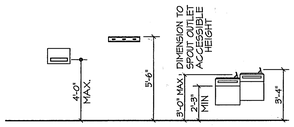
CHILDREN AGES 11 THRU 14 OR 15 - GRADES 6 THRU 8 OR 9

SWITCHES / CONTROLS (CENTERLINE)	
TELEPHONE-WALL (FRONTAL / SIDE)	45" / 51"
SOAP DISPENSER (FRONTAL / SIDE)	45" / 51"
TOWEL DISPENSER (FRONTAL / SIDE)	45" / 51"
HAND DRYER (FRONTAL / SIDE)	45" / 51"
TOILET PAPER DISPENSER	14"
FOOD SERVICE LINES (TOP OF TRAY SLIDE)	32"
MIRROR (TO BOTTOM OF REFLECTIVE SURFACE)	37"
ELECTRIC WATER COOLER (TO OUTLET)	34"
ELECTRIC WATER COOLER (KNEE CLEARANCE)	28"
WATER CLOSET (TOP OF SEAT)	17"
GRAB BARS (TOP)	32"
WATER CLOSET (FLUSH CONTROLS)	44"
LAVATORIES (KNEE CLEARANCE)	28"
LAVATORIES (RIM OR COUNTER SURFACE)	32"
LAVATORIES (TO FAUCETS FROM FRONT EDGE)	20"
URINAL (RIM OF BASIN)	16"
URINAL (FLUSH CONTROLS)	44"
SHOWER STALLS (TOP OF SEAT)	16"
SHOWER STALL (GRAB BARS)	32"
SHOWER STALL (HAND SHOWER HEAD MOUNTING-FRONT)	45"
SHOWER STALL (HAND SHOWER HEAD MOUNTING-SIDE)	51"

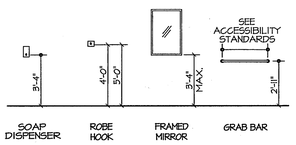


FOLD DOWN BABY CHANGER TABLE | PAPER TOWEL DISPENSER | RECESSED WASTE RECEPTACLE

SANITARY NAPKIN/TAMPON DISPENSER | SANITARY NAPKIN RECEPTACLE | TOILET TISSUE DISPENSER (DOUBLE 9" ROLL)



TOILET SEAT COVER DISPENSER | MOP HOLDER | ACCESSIBLE WATER COOLER



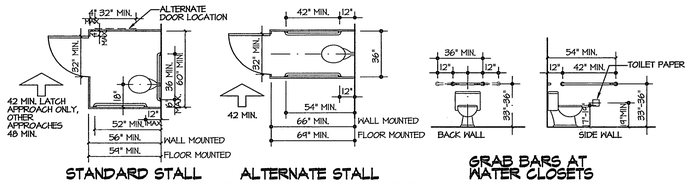
SOAP DISPENSER | ROBE HOOK | FRAMED MIRROR | GRAB BAR

TOILET ACCESSORY MOUNTING HEIGHTS FOR ADULTS

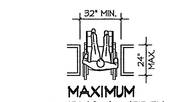
(COORDINATE WITH LISTED HEIGHTS FOR BOTH CHILDREN CATEGORIES.)

HANDICAP MOUNTING HEIGHTS AND CLEARANCES

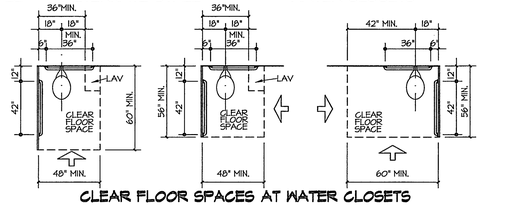
1/2 SCALE



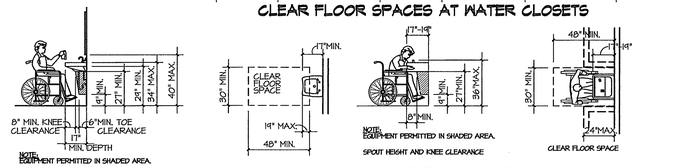
STANDARD STALL | ALTERNATE STALL | GRAB BARS AT WATER CLOSETS



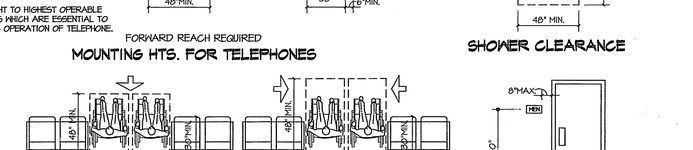
MAXIMUM DOORWAY DEPTH



CLEAR FLOOR SPACES AT WATER CLOSETS

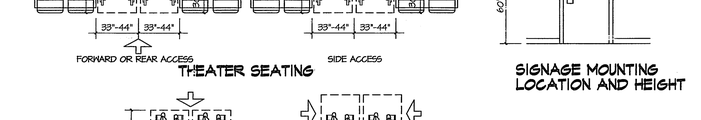


LAVATORY CLEARANCES | CLEAR FLOOR SPACE | DRINKING FOUNTAINS AND WATER COOLERS



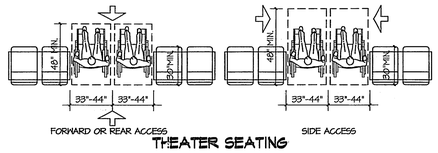
SIDE REACH POSSIBLE

GRAB BARS AT SHOWER STALLS

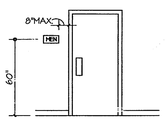


*HEIGHT TO HIGHEST OPERABLE PARTS WHICH ARE ESSENTIAL TO BASIC OPERATION OF TELEPHONE.

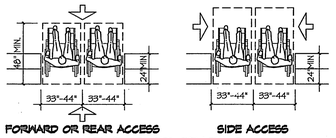
FORWARD REACH REQUIRED | MOUNTING HTS. FOR TELEPHONES | SHOWER CLEARANCE



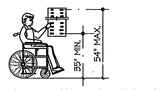
FORWARD OR REAR ACCESS | SIDE ACCESS | THEATER SEATING



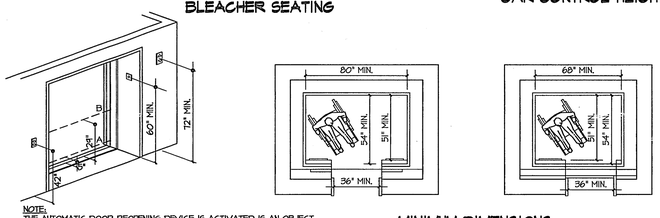
SIGNAGE MOUNTING LOCATION AND HEIGHT



FORWARD OR REAR ACCESS | SIDE ACCESS | BLEACHER SEATING

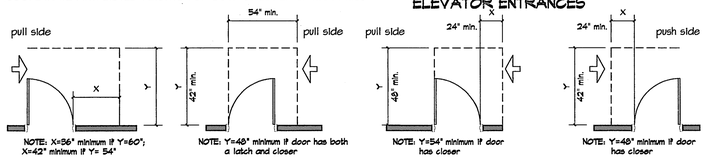


CAR CONTROL HEIGHT



NOTE: THE AUTOMATIC DOOR REOPENING DEVICE IS ACTIVATED IF AN OBJECT PASSES THROUGH EITHER LINE A OR LINE B. LINE A OR LINE B REPRESENT THE VERTICAL LOCATION OF THE DOOR REOPENING DEVICE NOT REQUIRING CONTACT.

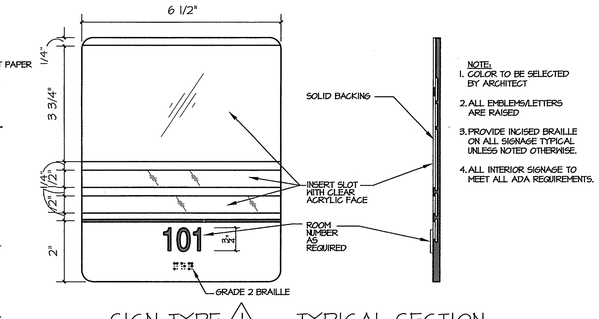
HOISTWAY AND ELEVATOR ENTRANCES | MINIMUM DIMENSIONS OF ELEVATOR CARS



HINGE SIDE APPROACHES - SWINGING DOORS | LATCH SIDE APPROACHES - SWINGING DOORS

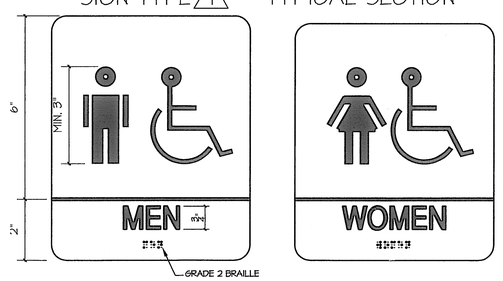
INTERIOR SIGNAGE

ALL SCHEDULED INTERIOR SIGNAGE IS TO BE PROVIDED/INSTALLED BY THE CONTRACTOR AS SPECIFIED.
SIGNS KEYED ON PLAN BY SIGN TYPE DESIGNATION (SIGN AS SPECIFIED IN SECTION 10000)

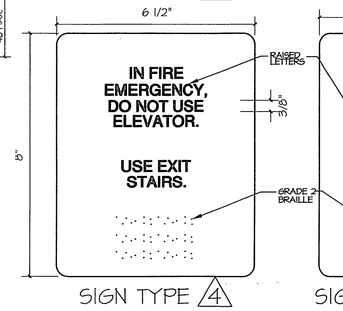


NOTE:
1. COLOR TO BE SELECTED BY ARCHITECT
2. ALL EMBLEMS/LETTERS ARE RAISED
3. PROVIDE INCISED BRAILLE ON ALL SIGNAGE TYPICAL UNLESS NOTED OTHERWISE.
4. ALL INTERIOR SIGNAGE TO MEET ALL ADA REQUIREMENTS.

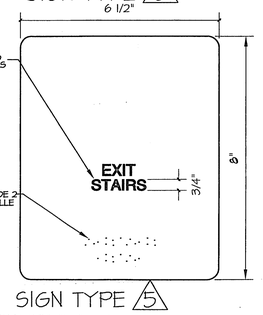
SIGN TYPE 1 TYPICAL SECTION



SIGN TYPE 2

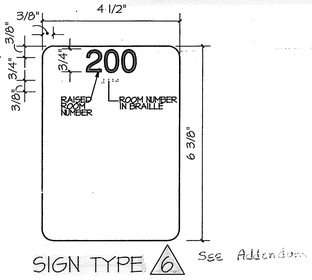


SIGN TYPE 3



SIGN TYPE 4 | SIGN TYPE 5

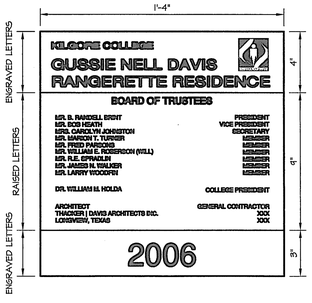
Sheet I1.1
1. Under Interior Signage, Revise Sign Type 6 to be a blank sign (no numbers) and be the same size as Sign Type 5 (8" tall by 6 ½" wide). This sign is a blank plate for the mounting on back of glass.
2. Under sheet title edge, sheet contents, delete reference to "Exterior Signage".



SIGN TYPE 6 See Addendum

BUILDING PLAQUE

BUILDING PLAQUE: ARK RAMOS, ALUMINUM PLAQUE, 16X16 AS DETAILED. PROVIDE AL-300 COLORED BACKGROUND AS SELECTED WITH MATTE FINISH, NO. 339 STANDARD BORDER, NO. 4 CONCEALED MOUNTING AND HELVETICA MEDIUM LETTERS IN PROPORTIONAL SIZE AS DETAILED. ENGRAVE LETTERS INTO RAISED PANELS AND RAISE LETTERS IN RECESSED AREAS. LOCATE AS DIRECTED BY ARCHITECT.



BUILDING CODE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE
KILGORE COLLEGE

PROJECT DESCRIPTION

BUILDING CODE
INTERNATIONAL BUILDING CODES - 2000 EDITION
INTERNATIONAL CODE COUNCIL

IN GENERAL, THE PROJECT CONSISTS OF A 26,236 SF NEW FACILITY ON EXISTING KILGORE COLLEGE PROPERTY, NEAR THE INTERSECTION OF US-259 & HOUSTON STREET IN KILGORE, TX.
SITE DEVELOPMENT CONSISTS OF EXISTING BUILDING DEMOLITION, NEW UTILITY SERVICE, NEW SITE LIGHTING, SITE EARTHWORK, ASPHALT CONCRETE PAVING, CONCRETE PAVING, CONCRETE FLATWORK, AND LAWN / PLANTER PREPARATION WITH LANDSCAPE / SITE IRRIGATION BY OWNER.

IN GENERAL, THE NEW BUILDING CONSISTS OF DRILLED/BELLED PIERS, GRADE BEAMS ON CARTON VOID FORMS, CONCRETE SLAB ON ENGINEERED SELECT FILL, STRUCTURAL STEEL, BRICK VENEER, GCMU VENEER, EIFS, ALUMINUM COMPOSITE METAL PANELS, ALUMINUM STOREFRONT WINDOWS/ENTRANCES, STANDING SEAM METAL ROOFING, ALUMINUM COMPOSITE METAL SOFFITS, AND EIFS SOFFITS. INTERIOR FINISHES GENERALLY CONSIST OF VC TILE, WOOD BASE/TRIM, CERAMIC TILE, SEALED CONCRETE, CARPET, RUBBER BASE, PAINTED DRYWALL, PLASTIC LAMINATE WALL SYSTEM, WALL COVERING, SUSPENDED ACOUSTICAL CEILINGS, SUSPENDED DRYWALL CEILING AND EXPOSED STRUCTURE.

OCCUPANCY CLASSIFICATION (303)	RESIDENTIAL OCCUPANCY - GROUP R-2
CONSTRUCTION TYPE (TAB 602)	TYPE II B
ALLOWABLE NEW BUILDING AREA CLASSIFICATION	TYPE II B
BUILDING SIZE AS DESIGNED (GROSS SF)	28,851 SF
LEVEL ONE	13,286 SF
LEVEL TWO	10,871 SF
BUILDING AREA ALLOWED BY CODE (TAB 503)	52,000 SF PER FLOOR
PER FLOOR ALLOWABLE EXCEEDS DESIGN FLOOR SIZE.	
BUILDING GRADE ELEVATION	REFER TO SITE PLAN
FINISH FLOOR ELEVATIONS SET IN DRAWINGS, PERIMETER GRADING TO ACCOMODATE DRAINAGE/ACCESS AS DETAILED.	
FACILITY HEIGHT IN STORIES	
TYPE II B (SPRINKLERED)	55' MAXIMUM HEIGHT, 4 STORY MAX.
NUMBER OF STORIES	BUILDING HEIGHT - 2 STORY ACTUAL (RE: DRAWINGS)
FACILITY SEPARATION DISTANCE (TAB 602)	
NEW BUILDING LOCATED WEST OF EXISTING BUILDING ON SAME PROPERTY AS EXISTING BUILDING WITH ASSUMED PROPERTY LINES AS FOLLOWS	
BUILDING SEPERATION IS 35'-0"	
* WALLS MUST BE NON-COMBUSTIBLE, NOT RATED.	
* WALLS CAN HAVE 25% UNPROTECTED/PROTECTED OPENINGS.	

PERCENT OF EXTERIOR OPENINGS (TAB 704.8)
TYPE II B

EXTERIOR WALLS	
0 FT. TO 3 FT. (NONE)	N/C (0%) SCHEDULED, NONE ACTUAL
OVER 3 FT. TO 5 FT. (NONE)	N/C (0%) SCHEDULED, NONE ACTUAL
OVER 5 FT. TO 10 FT. (NONE)	N/C(10%) SCHEDULED, NONE ACTUAL
OVER 10 FT. TO 15 FT. (NONE)	N/C(15%) SCHEDULED, NONE ACTUAL
OVER 15 FT. TO 20 FT. (NONE)	N/C(25%) SCHEDULED, NONE ACTUAL
OVER 20 FT. TO 25 FT. (NONE)	N/C(45%) SCHEDULED, NONE ACTUAL
OVER 25 FT. TO 30 FT. (NONE)	N/C(70%) SCHEDULED, NONE ACTUAL
OVER 30 FT. (MAJORITY OF FACILITY)	NC (NL) SCHEDULED, RE: DRAWINGS FOR OPENINGS

SEPARATION REQUIREMENTS
1 HOUR SEPARATION WITH A 20 MINUTE OR 45 MINUTE DOOR ASSEMBLY FOR RATED PARTITIONS AS DETAILED.

MINIMUM INTERIOR FINISH CLASSIFICATION (TAB 803.4)

	EXITS	EXIT ACCESS	OTHER SPACES
RESIDENTIAL OCCUPANCY (R-2)	C	C	C
TYPE II B (SPRINKLERED)			

FIRE PROTECTION REQUIREMENTS OF STRUCTURAL MEMBERS (TAB 601)

TYPE II B CONSTRUCTION	
EXTERIOR BEARING WALLS	0 HOURS, NC
INTERIOR BEARING WALLS	0 HOURS, NC
STRUCTURAL FRAME	0 HOURS, ANY MATERIALS
EXTERIOR NON-BEARING WALLS	0 HOURS, ANY MATERIALS
INTERIOR NON-BEARING WALLS	0 HOURS, ANY MATERIALS
FLOOR CONSTRUCTION	0 HOURS, ANY MATERIALS
ROOF CONSTRUCTION	0 HOURS, ANY MATERIALS

MEANS OF EGRESS

RESIDENTIAL OCCUPANCY (R-2) 50 SF GROSS RE: OCCUPANT(TAB 1003.2.2.2)	MOST EXTREME CASE CONSIDERED TO DETERMINE TOTAL EGRESS PER OCCUPANT LOAD.
LEVEL ONE - 13,286 (GROSS) SF/50 = 266 OCCUPANTS	
LEVEL TWO - 11,342 (GROSS) SF/50 =213 OCCUPANTS	

EGRESS WIDTH REQUIREMENTS (SPRINKLERED) (TAB 1003.2.3)	REQUIRED	PROVIDED
LEVEL ONE 266 OCCUPANT x 0.15	39.9"	288"
LEVEL TWO 213 OCCUPANT x 0.15	31.95"	72"
MINIMUM STAIR WIDTH (SPRINKLERED BUILDING)	REQUIRED 45.4"	PROVIDED 144"
MAX. TRAVEL DISTANCE - AREA DISCHARGED (TAB 1004.2.4)	250 FEET SPRINKLERED	236 FEET FURTHEST TO AREA OF REFUGE (REFER DRAWINGS)
MINIMUM CORRIDOR WIDTH (1004.3.2.2)	44" REQUIRED	80" MINIMUM (REFER DRAWINGS)
MAX. DEAD END CORRIDOR LENGTH (1004.3.2.3)	20 FEET	11.75 FEET
SPACES WITH ONE MEANS OF EGRESS (TAB 1004.2.1)	< 50	YES
SPACES WITH TWO MEANS OF EGRESS (TAB 1004.2.1)	> 50	YES

PLUMBING REQUIREMENTS - QUANTITIES

256 SF OCCUPIED/50SF PER PERSON (GENERAL USE AREA)= 51 PEOPLE DORM AREA - DESIGNATED 20 OCCUPANTS ACTUAL APARTMENT AREA - DESIGNATED 1 OCCUPANT ACTUAL		REQUIRED	PROVIDED
WATER CLOSETS			
PUBLIC AREA (256 SF)	1 PER 50	2	2
DORM (20@2 SF)	1 PER 10 (ACTUAL APPLIED)	8	10
APARTMENT (1@4 SF)	1 PER 10 (ACTUAL APPLIED)	1	1
		11	43
LAVATORIES			
PUBLIC AREA (256 SF)	1 PER 50	2	2
DORM (20@2 SF)	1 PER 10 (ACTUAL APPLIED)	8	10
APARTMENT (1@4 SF)	1 PER 10 (ACTUAL APPLIED)	1	1
		11	43
DRINKING FOUNTAINS	1 PER 100 (ACTUAL APPLIED)	2	2
SERVICE SINK		1	2
SHOWERS /BATH (DORM & APARTMENT)	1 PER 8 (ACTUAL APPLIED)	17	41

ENERGY CONSERVATION DESIGN CONDITIONS
DESIGN CONDITIONS FOR THIS PROJECT ARE CLIMATE ZONE 6B.
MATERIALS AND CONSTRUCTION FOR CODE COMPLIANCE ARE DOCUMENTED ON THE DRAWINGS AND IN THE SPECIFICATIONS.

BUILDING ENVELOPE REQUIREMENTS

ELEMENT	CONDITION/VALUE	
SKYLIGHTS (U-FACTOR)	NONE INCLUDED	
SLAB ON BELOW-GRADE WALL (R-VALUE)	NONE INCLUDED	
WINDOWS AND GLASS DOORS	SHGC	U-FACTOR
PF<0.25 YES	.66, .6 REQUIRED	U, ANY REQUIRED
PF>0.50 YES	.66 ANY REQUIRED	U, ANY REQUIRED
ROOF ASSEMBLIES (R-VALUE)		CONTINUOUS INSULATION
METAL JOIST/TRUSS		R-17 REQUIRED, R-24.44 PROVIDED
ABOVE-GRADE WALLS (R-VALUE)	METAL FRAMING	
R-VALUE CAVITY	23.45	

MECHANICAL SYSTEM REQUIREMENTS:
MECHANICAL SYSTEMS MEET OR EXCEED MINIMUM ENERGY CODE STANDARDS AS DOCUMENTED ON THE MECHANICAL DRAWINGS.
ELECTRICAL SYSTEM (LIGHTING) REQUIREMENTS:
ELECTRICAL SYSTEMS MEET OR EXCEED MINIMUM ENERGY CODE STANDARDS AS DOCUMENTED ON THE ELECTRICAL DRAWINGS.

EXTERIOR ENVELOPE U / R CALCULATION

EXTERIOR WALLS (MINIMAL CONDITION R VALUE)	
STILL AIR SURFACE FILM (INTERIOR)	.68
5/8" GYP BOARD	.82
6" METAL STUD WITH 6 1/4" INSULATION	19.00
1/2" GYP SHEATHING	1.32
15# FELT	.06
1 1/4" CAVITY AIR SPACE	1.01
3 5/8" FACE BRICK	.39
MOVING AIR FILM (EXTERIOR)	.17
TOTAL R VALUE	23.45
TOTAL U VALUE	.0426
ROOFING (MINIMAL CONDITION R VALUE)	
STILL AIR SURFACE FILM (INTERIOR)	.61
MOVING AIR FILM (EXTERIOR)	.17
METAL ROOFING	.004
1/2 ROOF OVERLAYMENT	.56
ROOFING INSULATION (2 LAYERS 1.5" I.50 @ 10.00 EACH)	20.00
TOTAL R VALUE	21.344
TOTAL U VALUE	.047
GLASS / GLAZING (MINIMAL CONDITION R VALUE)	
SOLAR GRAY 1" DOUBLE GLAZED, NON-THERMAL FRAMING.	
TOTAL R VALUE	1.41
TOTAL U VALUE	.57
SHADING COEFFICIENT	.32

ACCESSIBILITY STANDARDS
TEXAS DEPARTMENT OF LICENSING AND REGULATION / POLICY AND STANDARDS DIVISION
ARCHITECTURAL BARRIERS - 1994
REVIEW PROJECT PLANS AND SPECIFICATIONS FOR DETAILED INFORMATION ON THE ITEMS ADDRESSED BELOW.

	REQUIRED	PROVIDED
ACCESSIBLE ROUTES (TO & FROM THE PARKING) ACCESSIBLE ROUTE FROM BUILDING TO THE PUBLIC WAY PROVIDED ON SITE. THE ACCESSIBLE ROUTE AND PUBLIC ROUTE COINCIDE.	YES	YES
PARKING (TO ASSOCIATED SITE PARKING SPACES)	3	4
HC ACCECESSIBLE ROOMS W/ LAV & TOILET	2	2
DRINKING FOUNTAINS	YES	YES
SIGNAGE (INCLUDING BRAILLE) - FOR ALL SCHEDULED GRAPHICS.	YES	YES

REQUIRED SIGNAGE
(TACTILE SIGN WITH UNIVERSAL SYMBOLS AND BRAILLE).
PARKING - PROVIDED (VAN AND REGULAR HANDICAPPED SPACES)
ACCESSIBLE TOILETS - PROVIDED TO MEET ADA REQUIREMENTS.
INTERIOR ELECTIVE ROOM DESIGNATION SIGNS - AS SCHEDULED.

REGISTERED ARCHITECT BRICE J. DAVIS 10873 STATE OF TEXAS
BRICE J. DAVIS
June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 •PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 •Fax 903.753.7317
Email: TDA@T-DArchitects.com
www.T-DArchitects.com

MEP ENGINEER
EMA
www.emainc.com
Estes, McClure & Associates, Inc.
Engineering & Consulting
3608 West Way
Tyler, Texas 75703
phone: 903-581-2077 fax: 903-581-2721

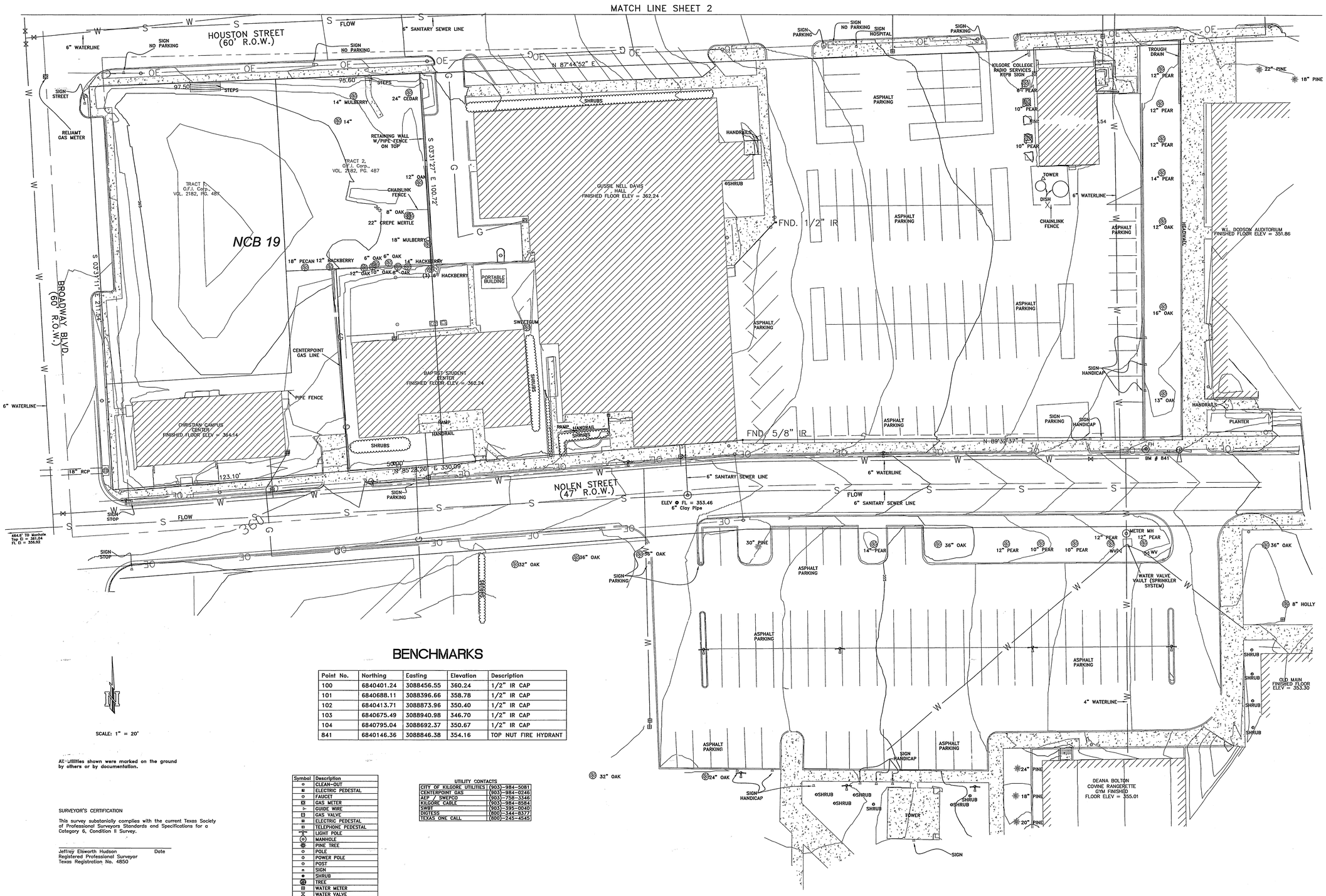
STRUCTURAL ENGINEER
UNIFIED BUILDING SCIENCES & ENGINEERING, INC.
403 International Parkway, Suite 209
Richardson, Texas 75081
Phone 972.783.8683 Fax 972.783.8684
Email: Cadd2@UBSE.com
www.UBSE.com

KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE
Kilgore, Texas

FILE NAME:
0421 I1-1
PROJECT NUMBER:
0421
SHEET CONTENTS:
HANDICAP MOUNTING HEIGHTS & CLEARANCES
INTERIOR SIGNAGE
EXTERIOR SIGNAGE
CODE RESEARCH

I
1.1



BENCHMARKS

Point No.	Northing	Easting	Elevation	Description
100	6840401.24	3088456.55	360.24	1/2" IR CAP
101	6840688.11	3088396.66	358.78	1/2" IR CAP
102	6840413.71	3088873.96	350.40	1/2" IR CAP
103	6840675.49	3088940.98	346.70	1/2" IR CAP
104	6840795.04	3088692.37	350.67	1/2" IR CAP
841	6840146.36	3088846.38	354.16	TOP NUT FIRE HYDRANT

SCALE: 1" = 20'

All utilities shown were marked on the ground by others or by documentation.

Symbol	Description
⊙	CLEAN-OUT
▣	ELECTRIC PEDESTAL
⊙	FAUCET
⊠	GAS METER
⊳	GUIDE WIRE
⊠	GAS VALVE
▣	ELECTRIC PEDESTAL
▣	TELEPHONE PEDESTAL
⊸	LIGHT POLE
Ⓜ	MANHOLE
✱	PINE TREE
⊙	POLE
⊙	POWER POLE
⊙	POST
⊓	SIGN
⊛	SHRUB
✱	TREE
⊞	WATER METER
⋈	WATER VALVE
⊙	YARD DRAIN

UTILITY CONTACTS

CITY OF KILGORE UTILITIES	(903)-984-5081
CENTERPOINT GAS	(903)-984-0246
AEP / SWEPCO	(903)-758-3346
KILGORE CABLE	(903)-984-8584
SWBT	(903)-395-0040
DIGTESS	(800)-344-8377
TEXAS ONE CALL	(800)-245-4545

SURVEYOR'S CERTIFICATION

This survey substantially complies with the current Texas Society of Professional Surveyors Standards and Specifications for a Category 6, Condition II Survey.

Jeffrey Elsworth Hudson — Date
Registered Professional Surveyor
Texas Registration No. 4850

SITE SURVEY INCLUDED FOR INFORMATION ONLY. SURVEYOR STAMP / SEALED CERTIFIED COPY IS AVALIABLE FOR REVIEW AT THE OFFICE OF THE ARCHITECT.

June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 •PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 •Fax 903.753.7317
Email: TDA@T-DArchitects.com
www.T-DArchitects.com

MEP ENGINEER
EMA
www.EMAengineers.com
Estes, McClure & Associates Inc.
Engineering & Consulting
3608 Wear Way
Tyler, Texas 75703
phone: 903-581-2677 fax: 903-581-2721

STRUCTURAL ENGINEER
UNITED BUILDING SCIENCES & ENGINEERING, INC.
405 International Parkway, Suite 209
Richardson, Texas 75081
Phone 972.783.8683 Fax 972.783.8684
Email: Cadd2@UBSE.com
www.UBSE.com

KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE
Kilgore, Texas

FILE NAME: 0421T1-0
PROJECT NUMBER: 0421
SHEET CONTENTS: TOPOGRAPHICAL SURVEY SOUTH SITE

TS
1.0

Symbol	Description
⊙	CLEAN-OUT
⊞	ELECTRIC PEDESTAL
⊙	FAUCET
⊠	GAS METER
>-	GUIDE WIRE
⊟	GAS VALVE
⊞	ELECTRIC PEDESTAL
⊟	TELEPHONE PEDESTAL
☼	LIGHT POLE
Ⓜ	MANHOLE
✱	PINE TREE
⊙	POLE
⊙	POWER POLE
⊙	POST
▲	SIGN
❁	SHRUB
✱	TREE
⊞	WATER METER
⋈	WATER VALVE
⊙	YARD DRAIN
	HANDICAP PARKING

BENCHMARKS

Point No.	Northing	Easting	Elevation	Description
100	6840401.24	3088456.55	360.24	1/2" IR CAP
101	6840688.11	3088396.66	358.78	1/2" IR CAP
102	6840413.71	3088873.96	350.40	1/2" IR CAP
103	6840675.49	3088940.98	346.70	1/2" IR CAP
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SWBT	(903)-595-0040
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June 14, 2006

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INCORPORATED
Member American Institute of Architects
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Longview, Texas 75606-2723
Phone 903.236.3771 •Fax 903.753.7317
Email: TDA@T-DArchitects.com
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MEP ENGINEER
EMA
www.emainc.com
Estes, McClure & Associates, Inc
Engineering & Consulting
3608 West Way
Tyler, Texas 75703
phone: 903-581-2477 fax: 903-581-2721

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KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE

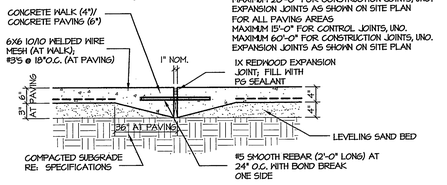
Kilgore, Texas

FILE NAME:
0421T1-1

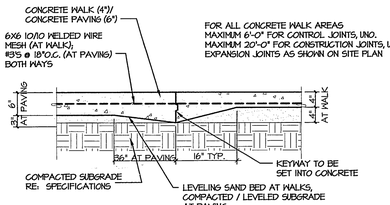
PROJECT NUMBER:
0421.

SHEET CONTENTS:
TOPOGRAPHICAL SURVEY
NORTH SITE

TS
1.1



EXPANSION JOINT DETAIL



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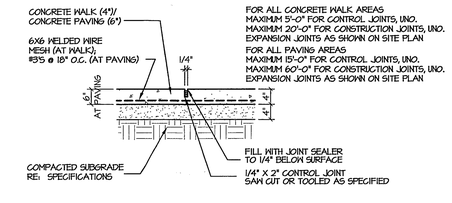
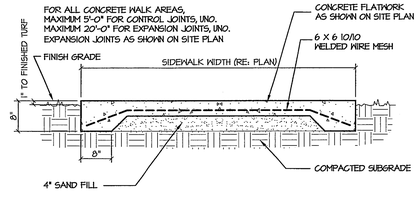


CONTROL JOINT DETAIL



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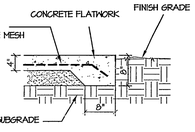


FLATWORK EDGE DETAIL

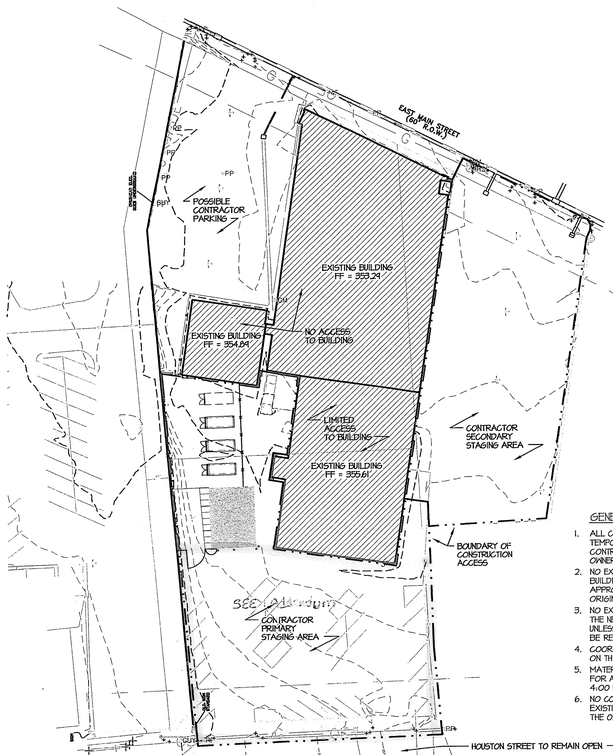
ST01 SCALE: 3/4" = 1'-0" FILE: ST01 SEE Addendum

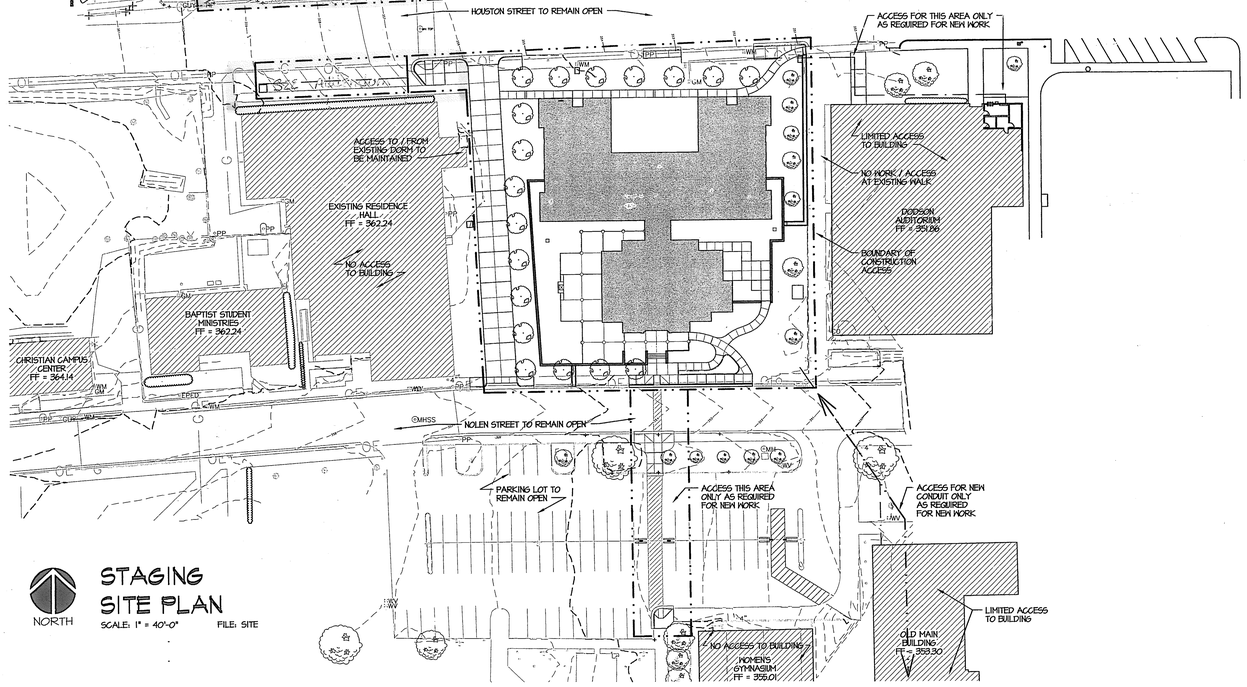
ST02 SCALE: 3/4" = 1'-0" FILE: ST02

ST03 SCALE: 3/4" = 1'-0" FILE: ST03 SEE Addendum

ST04 SCALE: 3/4" = 1'-0" FILE: ST04

ST05 SCALE: 3/4" = 1'-0" FILE: ST05





NORTH

STAGING SITE PLAN

SCALE: 1" = 40'-0" FILE: SITE

OFFICIAL KILGORE COLLEGE CALENDAR
2005 - 2006

FALL SEMESTER / 2005
Aug. 12 (F)..... New Faculty/Staff Orientation
Aug. 14 (S)..... Residence Halls Open
Aug. 15 (M)..... General Faculty Meeting
Aug. 16-17 (Tu-W)..... Registration
Aug. 14 (F)..... Faculty/Staff Development; Offices Open
Aug. 22 (M)..... First Class Day
Sept. 5 (M)..... Labor Day Holiday (campus closed)
Oct. 3 (M)..... No classes - Campus Celebration of 75th Anniversary, Discovery of East Texas Oil Field and 25th Anniversary East Texas Oil Museum
Nov. 22 (Tu)..... Campus Closes
Nov. 23-25 (W-F)..... Thanksgiving Holidays (campus closed)
Dec. 15 (Th)..... Residence Halls Close
Cafeteria Closes
Graduation
Dec. 16 (F)..... Offices close
Dec. 19 (M)..... Mini-Semester Begins
SPRING SEMESTER / 2006
Jan. 5 (Th) 13 days - 26th no classes..... Mini-Semester Ends
Jan. 3 (Tu)..... All Offices Open
Jan. 9 (M)..... Residence Halls Open
Cafeteria Opens
Jan. 13 (F)..... Faculty/Staff Development; Offices Open
Jan. 16 (M)..... Martin Luther King, Jr. Day Holiday (campus closed)
Jan. 17 (Tu)..... First Class Day
Mar. 13-17 (M-F)..... Spring Holidays (campus closed)
Apr. 13 (Th)..... Campus closes
Apr. 14 (F)..... Good Friday Holiday (campus closes)
May 12 (F)..... Residence Halls Close
Cafeteria Closes
Graduation
SUMMER TERMS / 2006 (Proposed)
May 15-30 (11 days)..... Mini-Semester
May 29..... Memorial Day Holiday (offices closed)
May 31-July 5 (25 days)..... First Summer Term
July 7-Aug. 10 (25 days)..... Second Summer Term

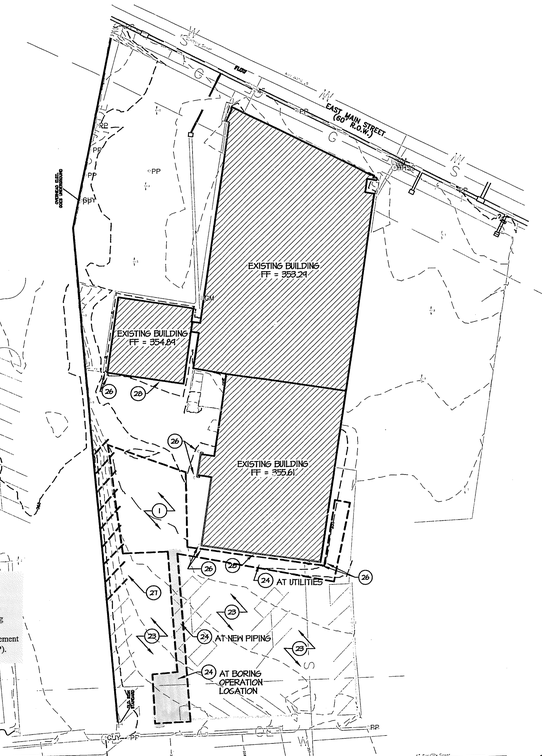
GENERAL NOTES:

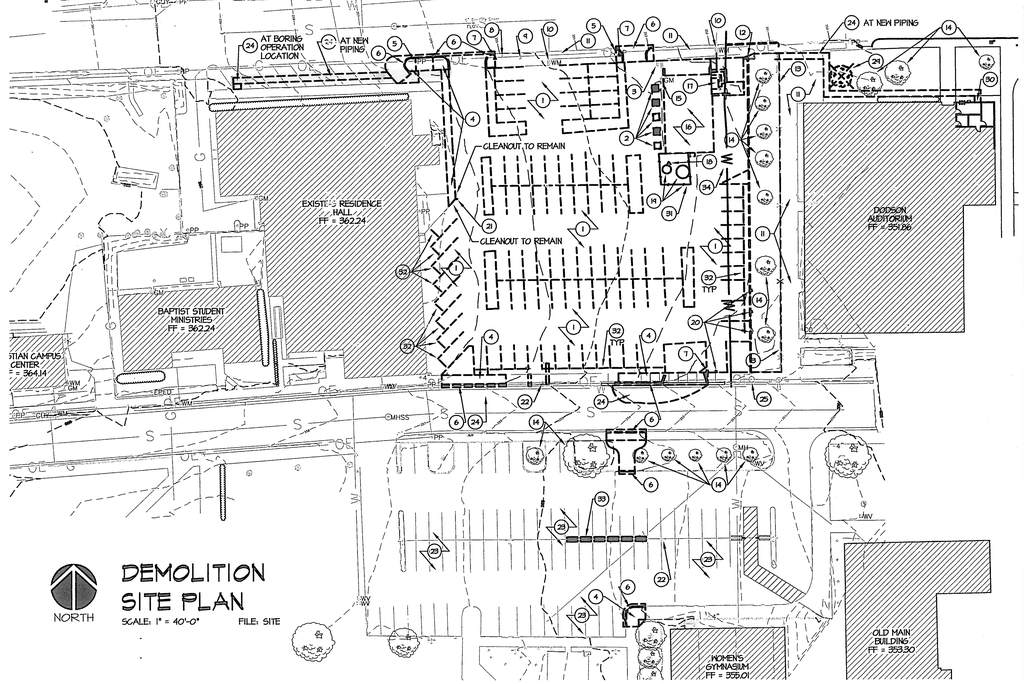
1. ALL CONTRACTOR PARKING, MATERIAL STORAGE, CONSTRUCTION STAGING, AND TEMPORARY FACILITIES MUST BE KEPT WITHIN THE AREAS NOTED AS FULL TIME CONTRACTOR ACCESS AT EACH BUILDING. (FULL TIME ACCESS IS ONLY FOR THE OWNER APPROVED SCHEDULE CONSTRUCTION TIMES FOR EACH PROJECT / PHASE).
2. NO EXISTING LAWN AREAS OTHER THAN THOSE SHOWN AT / AROUND THE NEW BUILDINGS MAY BE USED FOR CONSTRUCTION STAGING OR PARKING UNLESS APPROVED BY THE OWNER. ALL USED LAWN AREAS MUST BE RECLAIMED TO ORIGINAL CONDITION.
3. NO EXISTING PARKING AREAS / DRIVES OTHER THAN THOSE SHOWN AT / AROUND THE NEW BUILDINGS MAY BE USED FOR CONSTRUCTION STAGING OR PARKING UNLESS APPROVED BY THE OWNER. ALL USED PARKING AREAS / DRIVES MUST BE RECLAIMED TO ORIGINAL CONDITION.
4. COORDINATE WITH THE ESTABLISHED 2005-2006 ACADEMIC CALENDAR LISTED ON THIS SHEET.
5. MATERIAL AND EQUIPMENT DELIVERIES TO ALL BUILDINGS MUST BE COORDINATED FOR ACCESS DURING NON-PEAK CAMPUS USE TIMES (BEFORE 7:00 AM M-F, AFTER 4:00 PM M-TH, AFTER 2:00 PM F, ANY TIME SAT. AND SUN).
6. NO CONSTRUCTION WORKER PARKING OR DELIVERIES ARE ALLOWED TO OCCUPY EXISTING IN USE PARKING EXCEPT DURING OFF HOURS AND AS APPROVED BY THE OWNER.

DEMOLITION SITE PLAN NOTES:
SOME NOTES KEYED ON PLAN IN A CIRCLE

1. EXISTING PAVING TO BE REMOVEDAS REQUIRED FOR NEW BUILDING / GRADES.
2. EXISTING TREES AND PLANTERS TO BE REMOVED.
3. EXISTING KILGORE COLLEGE RADIO SERVICES KTPB SIGN TO BE RELOCATED BY OWNER.
4. EXISTING FLATWORK TO BE REMOVED.
5. EXISTING POWER POLE TO REMAIN (RE: MEP).
6. EXISTING CURB AND GUTTER TO BE REMOVED THIS AREA.
7. EXISTING PARKING SIGN TO BE REMOVED AND TURNED OVER TO OWNER.
8. EXISTING NO PARKING SIGN TO REMAIN.
9. EXISTING HOSPITAL SIGN TO REMAIN.
10. EXISTING WATER METER TO REMAIN (RE: MEP).
11. EXISTING FLATWORK TO REMAIN THIS AREA.
12. EXISTING TROUGH DRAIN TO BE REMOVED.
13. EXISTING RETAINING WALL AND FENCING TO REMAIN.
14. EXISTING TREES TO REMAIN, PROTECT DURING CONSTRUCTION.
15. EXISTING GAS METER TO BE REMOVED (RE: MEP).
16. EXISTING BUILDING TO BE REMOVED, REMOVE FOUNDATION TO A DEPTH OF 3' BELOW EXISTING GRADE.
17. EXISTING FLATWORK AND STEPS TO BE REMOVED.
18. EXISTING RADIO TOWER TO BE RELOCATED BY OWNER.
19. EXISTING SATELLITE DISHES AND FENCING TO BE RELOCATED BY OWNER.
20. EXISTING HANDICAP SIGNS TO BE REMOVED AND TURNED OVER TO OWNER.
21. EXISTING CLEANOUTS TO REMAIN - EXTEND UP TO NEW PAVING.
22. EXISTING LIGHT POLE TO REMAIN (RE: MEP).
23. EXISTING PAVING TO REMAIN.
24. EXISTING PAVING TO BE REMOVED THIS AREA.
25. EXISTING FIRE HYDRANT TO REMAIN (RE: MEP).
26. EXISTING BOLLARDS TO REMAIN.
27. EXISTING PARKING STRIPING TO BE REMOVED AS SHOWN.
28. EXISTING BUILDING TO REMAIN.
29. REMOVE EXISTING PINE TREE AND ROOTS (24" DEEP).
30. COORDINATE DEMOLITION AS REQUIRED AT EXISTING BUILDING FOR NEW PIPING (RE: MEP).
31. REMOVE AND DISCARD EXISTING FENCING.
32. REMOVE AND TURN OVER TO OWNER EXISTING CONCRETE WHEELSTOPS.
33. RELOCATE EXISTING CONCRETE WHEELSTOPS AS REQUIRED FOR NEW CONSTRUCTION.
34. RELOCATE WATER LINE (RE: MEP).

Sheet A1.0
1. Staging Plan, General Notes, note 1, delete the partial sentence in the parenthesis.
2. Detail ST01, note the thickened edge of the concrete at the expansion joint will be the same as ST02.
3. Detail ST03, revise the depth of the sawn joint to be 1" at 4" concrete flatwork and 1 ½" at 6" paving.
4. Demolition Site Plan, North Site (north of Houston Street), note the requirement for removal of existing concrete paving is as shown and as required for the installation of all utilities (refer MEP).
5. Demolition Site Plan, South Site (south of Houston Street), off Houston Street parking, note the requirement for removal of existing paving is as shown and as required for the installation of all utilities (refer MEP).





NORTH

DEMOLITION SITE PLAN

SCALE: 1" = 40'-0" FILE: SITE

GENERAL DEMOLITION NOTES

1. REFER TO MEP DRAWINGS FOR ADDITIONAL INFORMATION, INCLUDING THE LOCATION OF UNDERGROUND UTILITIES. COORDINATE WORK ACCORDINGLY.
2. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
3. REFER TO SITE & FLOOR PLANS FOR ADDITIONAL INFORMATION, INCLUDING GRADING AROUND BUILDING, NOTATION, ETC.
4. REFER TO WALL SECTIONS AND SECTION DETAILS FOR ADDITIONAL INFORMATION ON GRADE AT BUILDING EDGE.
5. COORDINATE ALL GRADING AND SITE DEMOLITION WORK WITH THE COLLEGE AND ALL APPLICABLE UTILITIES.
6. VERIFY LOCATION, DIMENSIONS, AND DEPTHS OF ALL SITE UTILITIES AND COORDINATE WITH SITE DEMOLITION AND GRADING.
7. ALL ADJACENT BUILDINGS MUST STAY IN SERVICE DURING CONSTRUCTION - COORDINATE ALL WORK WITH EXISTING CONDITIONS AND BUILDING OCCUPANCY SCHEDULES FOR SURROUNDING BUILDINGS. COORDINATE WORK WITH THE PROPERTY ACCESS CONSTRUCTION STAGING PLAN.
8. COORDINATE ALL WORK w/ OWNER'S REPRESENTATIVE FOR SAFETY, ACCESS & SEQUENCE.
9. REFER TO SPECIFICATIONS FOR SPECIFIC INFORMATION ON SITE MATERIALS, DEMOLITION REQUIREMENTS AND SITE CONSTRUCTION PROCEDURES.
10. COORDINATE PARKING CLOSURE, DRIVE ACCESS AND GENERAL SITE USE WITH THE OWNER'S REPRESENTATIVE. COORDINATE WORK WITH THE PROPERTY ACCESS CONSTRUCTION STAGING PLAN.
11. COORDINATE REMOVAL OF ALL MATERIAL WITH PROJECT SPECIFICATIONS.
12. TRAFFIC: CONDUCT DEMOLITION OPERATIONS AND REMOVAL OF DEBRIS TO ENSURE MINIMUM INTERFERENCE WITH THE BUILDING FACILITIES. DO NOT CLOSE OR OBSTRUCT WALKS OR OTHER OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM OWNER'S REPRESENTATIVE.
13. PROTECTION: ENSURE SAFE PASSAGE OF PERSONS AROUND AREA OF DEMOLITION OPERATION.
14. DAMAGES: PROMPTLY REPAIR DAMAGES CAUSED TO ADJACENT FACILITIES BY DEMOLITION OPERATION AT NO COST TO OWNER.
15. UTILITY SERVICES: MAINTAIN EXISTING UTILITIES AND PROTECT AGAINST DAMAGE DURING DEMOLITION OPERATIONS. DO NOT INTERRUPT EXISTING UTILITIES SERVING OCCUPIED OR USED FACILITIES, EXCEPT WHEN AUTHORIZED IN WRITING BY THE OWNER'S REPRESENTATIVE.
16. DISPOSAL OF DEMOLISHED MATERIALS: REMOVE FROM SITE AND LEGALLY DISPOSE ALL DEBRIS, RUBBISH, AND OTHER MATERIALS RESULTING FROM DEMOLITION OPERATIONS.
17. EXISTING DODSON AUDITORIUM IS TO REMAIN - SECURE DURING ACCESS FOR DEMOLITION PHASE OF PROJECT.
18. UTILITIES SHOWN ARE APPROXIMATE LOCATION - CONTRACTOR TO VERIFY LOCATION AND COORDINATE THE WORK ACCORDINGLY. VERIFY DISCREPANCIES WITH THE ARCHITECT PRIOR TO PURSUIT OF WORK.
19. COORDINATE SITE DEMOLITION AS REQUIRED TO COMPLETE ALL DETAILED WORK.
20. ALL VEGETATION IS TO BE REMOVED / DISCARDED DURING DEMOLITION WORK (EXCEPT MATERIALS TO BE REMOVED / RELOCATED BY THE OWNER).
21. AFTER THE START OF DEMOLITION, CONTRACTOR TO PROVIDE TEMPORARY BARRICADES SUFFICIENT TO SECURE ACCESS ONTO / ACROSS THE PROPERTY. INTENDED BARRICADES MUST BE APPROVED BY THE OWNER'S REPRESENTATIVE.
22. DO NOT DISRUPT EXISTING STORM SEWER AND SANITARY SEWER UNTIL NEW LINE IS ACTIVE.
23. PROVIDE AN EMERGENCY RELEASE FOR WATER TO PREVENT PONDING DURING CONSTRUCTION.
24. COORDINATE ALL WORK AT / ON PROPERTY PARKING AND DRIVES FOR TIMELY INSTALLATION AND IMMEDIATE RETURN BACK TO PREEXISTING CONDITIONS - TO MEET CONTRACT DOCUMENT REQUIREMENTS.
25. MUD AND DEBRIS TRACKED ONTO ADJACENT OWNER "IN-USE" PARKING AND / OR DRIVES TO BE CLEANED IMMEDIATELY.
26. MUD AND DEBRIS TRACKED ONTO COUNTY OR STATE HIGHWAYS TO BE CLEANED IMMEDIATELY.
27. REFER TO CIVIL DRAWING FOR ADDITIONAL INFORMATION. IMPLEMENTATION OF SOIL RETENTION PROCEDURES IS REQUIRED AT THE START OF DEMOLITION OPERATIONS.
28. WHENEVER POSSIBLE, REMOVE CONCRETE AT AN EXISTING EXPANSION OR CONTROL JOINT. WHEN REQUIRED, SAW CUT CLEANLY. THE EXISTING CONCRETE PRIOR TO DEMOLITION OF THE AREA TO BE REMOVED.
29. COMPONENTS AND EXISTING SITE IMPROVEMENTS NOT REQUIRED FOR REMOVAL TO PROVIDE FOR THE NEW CONSTRUCTION AND NOT SPECIFICALLY NOTED FOR REMOVAL ARE TO REMAIN - PROTECT DURING DEMOLITION AND CONSTRUCTION OPERATIONS.
30. ANY DAMAGE TO SITE IMPROVEMENTS TO REMAIN CAUSED BY CONSTRUCTION OPERATIONS SHALL BE PROMPTLY REPAIRED TO ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
31. REFER TO THE SITE SURVEYS ON SHEETS TS1.0 AND TS1.1 FOR ADDITIONAL SITE INFORMATION AND FOR UTILITY CONTACT INFORMATION.

REGISTERED ARCHITECT
BRICE J. DAVIS
COMMISSIONED
STATE OF TEXAS
BRICE J. DAVIS
June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
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KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE

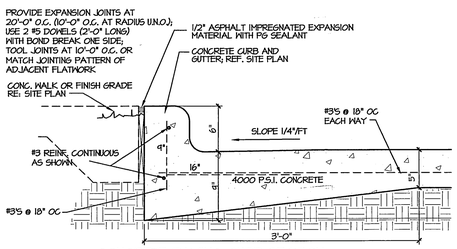
Kilgore, Texas

FILE NAME: 0421A1-0

PROJECT NUMBER: 0421

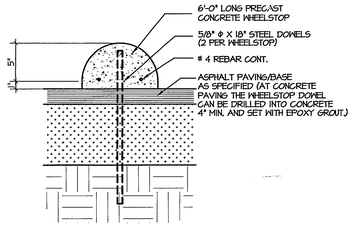
SHEET CONTENTS:
OVERALL SITE PLAN
STAGING PLAN
DEMOLITION PLAN

A 1.0



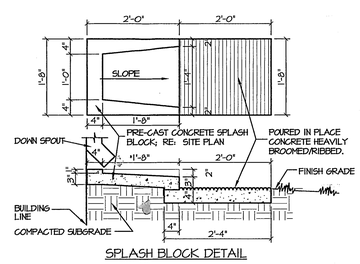
CONCRETE PAVING CURB SECTION

ST06 SCALE: 1 1/2" = 1'-0" FILE: ST06 See Addendum



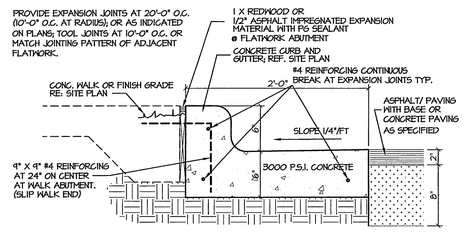
WHEEL STOP

ST07 SCALE: 3/4" = 1'-0" FILE: ST07



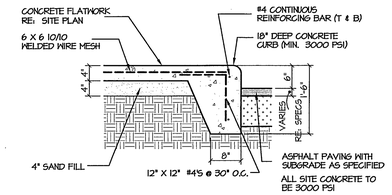
SPLASH BLOCK DETAIL

ST08 SCALE: 3/4" = 1'-0" FILE: ST08



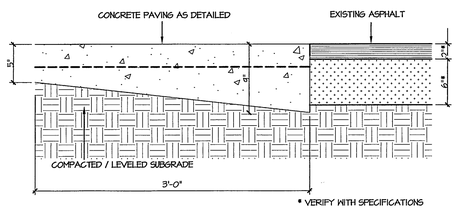
CURB & GUTTER DETAIL AT ASPHALT

ST09 SCALE: 1 1/2" = 1'-0" FILE: ST09

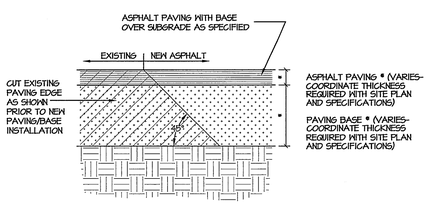


CURB / SIDEWALK AT ASPHALT

ST10 SCALE: 3/4" = 1'-0" FILE: ST10

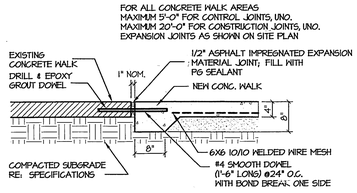


PAVING EDGE SECTION



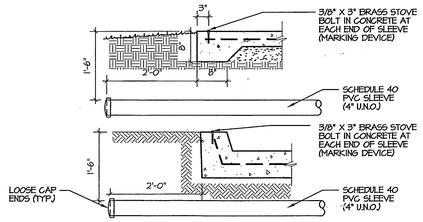
NEW / EXISTING ASPHALT JOINT

ST11 SCALE: 1 1/2" = 1'-0" FILE: ST11 See Addendum



NEW TO EXISTING FLATWORK

ST12 SCALE: 1 1/2" = 1'-0" FILE: ST12



IRRIGATION SLEEVE UNDER SIDEWALK / STREET

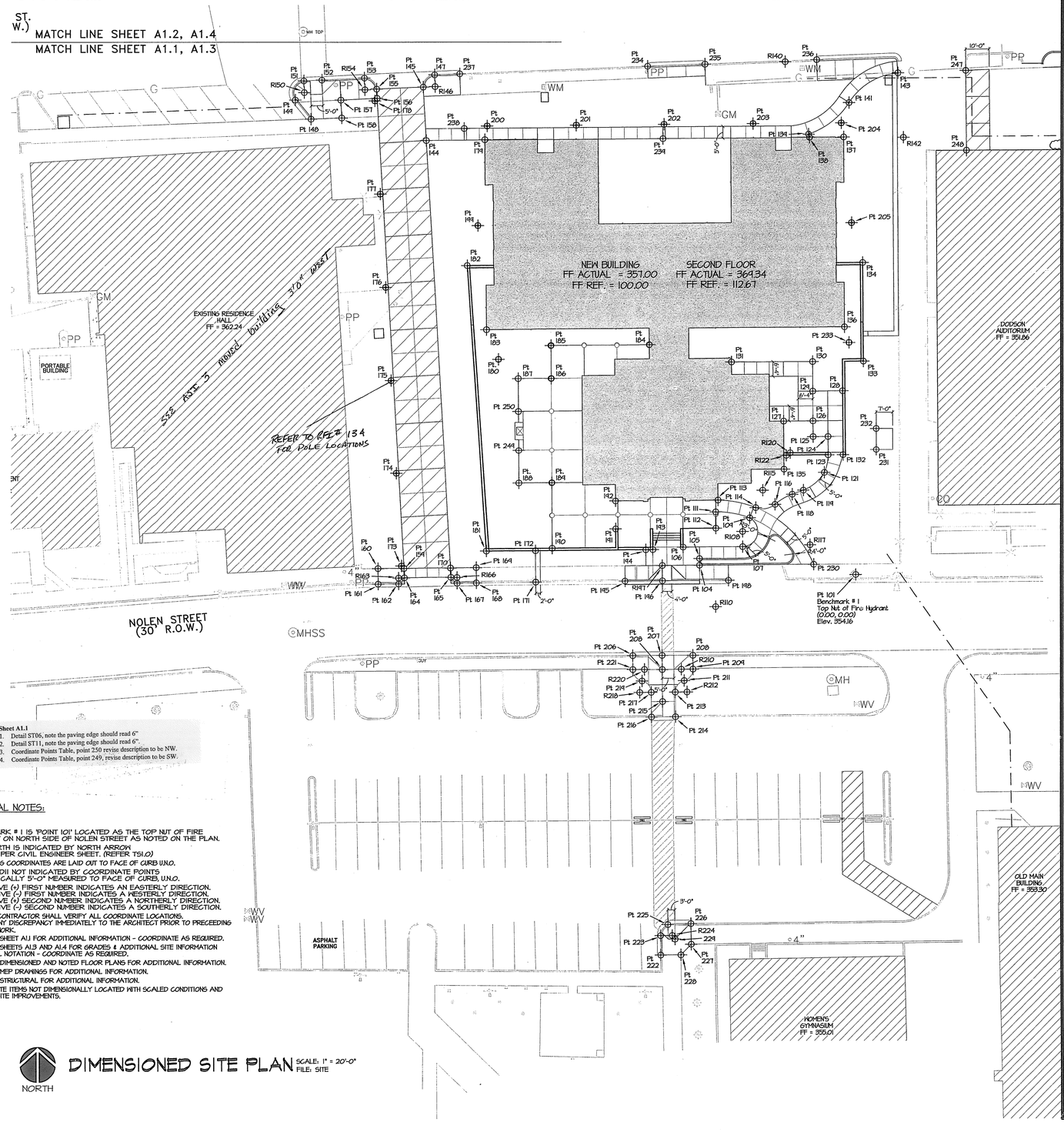
ST13 SCALE: 3/4" = 1'-0" FILE: ST13

ST14 SCALE: 3/4" = 1'-0" FILE: ST14

POINTS TABLE

Point No.	Coordinates	Point Description
Pt 101	(0.00, 0.00)	BM #1 / Top Nut of Fire Hydrant (Elev. 354.16)
Pt 102	(27.56, 267.35)	BM #2 / 1/2" IR Cap Found (Elev. 350.40)
Pt 103	(-384.83, 254.86)	BM #3 / 1/2" IR Cap Found (Elev. 360.24)
Pt 104	(-66.57, 4.05)	Corner of Sidewalk
Pt 105	(-66.54, 6.81)	Corner of Sidewalk
Pt 106	(-73.63, 11.82)	Edge of Sidewalk at SE Corner of Ret. Wall
Pt 107	(-48.42, 12.00)	End of Sidewalk Radius
R108	(-48.46, 18.50)	Radius Point (R= 6'-6")
Pt 109	(-45.41, 24.33)	Transition of Sidewalk Radius
R110	(-54.74, -13.61)	Radius Point (R= 40'-6 1/2")
Pt 111	(-54.74, 26.43)	End of Sidewalk Radius / Corner of Sidewalk
Pt 112	(-54.64, 24.43)	Corner of Sidewalk
Pt 113	(-56.11, 31.44)	End of Sidewalk Radius / Corner of Building
Pt 114	(-42.87, 28.68)	Transition of Sidewalk Radius
R115	(-39.42, 36.12)	Radius Point (R= 8'-0")
Pt 116	(-34.66, 30.10)	Transition of Sidewalk Radius
R117	(-18.52, 12.78)	Radius Point (R= 40'-0")
Pt 118	(-27.31, 34.42)	End of Sidewalk Radius
Pt 119	(-22.44, 36.16)	End of Sidewalk Radius
R120	(-28.25, 52.15)	Radius Point (R= 17'-0")
Pt 121	(-13.48, 43.73)	Transition of Sidewalk Radius
R122	(-29.41, 51.04)	Radius Point (R= 18'-0")
Pt 123	(-11.41, 51.27)	End of Sidewalk Radius / SEC of Masonry Wall
Pt 124	(-11.46, 54.27)	Corner of Sidewalk
Pt 125	(-18.30, 54.22)	Corner of Sidewalk
Pt 126	(-18.34, 65.84)	Corner of Sidewalk
Pt 127	(-31.01, 65.80)	Corner of Building / Edge of Sidewalk
Pt 128	(-5.11, 118.64)	Corner of Sidewalk at Wall
Pt 129	(-18.43, 118.55)	Corner of Sidewalk
Pt 130	(-18.53, 41.22)	Corner of Sidewalk
Pt 131	(-58.16, 40.98)	Corner of Sidewalk at Building
Pt 132	(-5.51, 51.31)	Corner of Sidewalk / SWC of Masonry Wall
Pt 133	(3.14, 41.37)	SE Corner of Wall
Pt 134	(2.25, 133.31)	NE Corner of Wall
Pt 135	(-30.87, 45.13)	Corner of Building
Pt 136	(-4.46, 105.99)	Corner of Building
Pt 137	(-5.36, 186.82)	Corner of Building
Pt 138	(-19.86, 186.71)	Corner of Sidewalk at Building
Pt 139	(-20.31, 188.01)	Corner of Sidewalk / End of Sidewalk Radius
R140	(-30.44, 218.87)	Radius Point (R= 21'-6")
Pt 141	(-3.07, 201.42)	Transition of Sidewalk Radius
R142	(20.13, 186.66)	Radius Point (R= 21'-6")
Pt 143	(17.76, 214.11)	End of Sidewalk Radius / End of Sidewalk
Pt 144	(-183.36, 185.34)	Corner of Sidewalk
Pt 145	(-184.68, 208.17)	End of Curb Radius
R146	(-179.68, 208.38)	Radius Point (R= 5'-0")
Pt 147	(-179.87, 213.37)	End of Curb Radius
Pt. 148	(-232.46, 194.52)	End of Curb at Existing Sidewalk
Pt 149	(-234.18, 202.66)	End of Curb Radius
R150	(-235.83, 205.85)	Radius Point (R= 5'-0")
Pt 151	(-235.55, 210.84)	End of Curb Radius
Pt 152	(-227.84, 211.17)	End of Curb at Bottom of Ramp
Pt 153	(-204.90, 212.03)	End of Curb Radius
R154	(-204.65, 207.04)	Radius Point (R= 5'-0")
Pt 155	(-204.66, 207.33)	End of Curb Radius
Pt 156	(-204.43, 203.31)	Corner of Sidewalk
Pt 157	(-219.80, 202.62)	Corner of Sidewalk
Pt 158	(-219.43, 185.00)	Corner of Sidewalk at Existing Sidewalk
Pt 159	(-182.86, 2.86)	Corner of Sidewalk
Pt 160	(-203.86, 2.75)	Corner of New Sidewalk
Pt 161	(-203.78, -3.40)	End of New Curb
Pt 162	(-185.04, -3.80)	End of Curb Radius
R163	(-185.12, -1.30)	Radius Point (R= 2'-6")
Pt 164	(-182.63, -1.16)	End of Curb Radius / Corner of Sidewalk
Pt 165	(-172.54, -0.45)	End of Curb Radius / Corner of Sidewalk
R166	(-170.10, -1.00)	Radius Point (R= 2'-6")
Pt 167	(-170.07, -3.50)	End of Curb Radius
Pt 168	(-161.76, -3.40)	End of New Curb
Pt 169	(-161.84, 3.16)	Corner of New Sidewalk
Pt 170	(-172.84, 3.05)	Corner of Sidewalk
Pt 171	(-136.44, -3.29)	SWC of Trench Drain
Pt 172	(-136.62, 10.34)	NWC of Trench Drain at South Face of Wall
Pt 173	(-143.42, 3.84)	Center of Light Pole
Pt 174	(-146.21, 43.56)	Center of Light Pole
Pt 175	(-148.50, 83.26)	Center of Light Pole
Pt 176	(-200.79, 122.85)	Center of Light Pole
Pt 177	(-203.08, 162.63)	Center of Light Pole
Pt 178	(-205.31, 202.31)	Center of Light Pole
Pt 179	(-158.20, 185.51)	NW Corner of Building
Pt 180	(-152.55, 42.32)	Center of Drain Grate

Point No.	Coordinates	Point Description
Pt 181	(-157.56, 10.24)	SW Corner of Wall
Pt 182	(-165.82, 132.18)	NW Corner of Wall
Pt 183	(-157.62, 104.91)	Corner of Building
Pt 184	(-88.24, 98.40)	Corner of Sidewalk at Edge of Building
Pt 185	(-150.24, 98.10)	Corner of Sidewalk / Column Center Point
Pt 186	(-130.14, 84.10)	Corner of Sidewalk / Column Center Point
Pt 187	(-144.14, 84.00)	Corner of Sidewalk
Pt 188	(-143.83, 34.33)	Corner of Sidewalk
Pt 189	(-124.83, 34.43)	Corner of Sidewalk / Column Center Point
Pt 190	(-124.63, 11.43)	Corner of Sidewalk at Wall
Pt 191	(-102.64, 19.62)	NW Corner of Masonry Wall
Pt 192	(-102.71, 31.62)	Corner of Building
Pt 193	(-86.52, 10.14)	SE Corner of Retaining Wall
Pt 194	(-84.66, 10.72)	Corner of Sidewalk at Wall
Pt 195	(-98.61, -2.66)	End of New Curb
Pt 196	(-82.45, -2.57)	End of Curb at Bottom of Ramp
Pt 197	(-82.53, 3.42)	Top of Ramp
Pt 198	(-54.37, -2.40)	End of New Curb
Pt 199	(-161.27, 141.21)	Center of Light Pole
Pt 200	(-157.40, 141.58)	Center of Light Pole
Pt 201	(-119.65, 141.88)	Center of Light Pole
Pt 202	(-81.90, 142.14)	Center of Light Pole
Pt 203	(-44.16, 142.50)	Center of Light Pole
Pt 204	(-6.41, 142.81)	Center of Light Pole
Pt 205	(-1.44, 150.34)	Center of Light Pole
Pt 206	(-35.25, -34.50)	End of New Curb
Pt 207	(-82.60, -34.42)	Corner of Curb at Bottom of Ramp
Pt 208	(-64.44, -34.34)	End of New Curb
Pt 209	(-64.37, -40.22)	End of Sidewalk Radius
R210	(-74.37, -40.21)	Radius Point (R= 5'-0")
Pt 211	(-73.15, -45.12)	Transition of Sidewalk Radius
R212	(-71.93, -49.97)	Radius Point (R= 5'-0")
Pt 213	(-76.93, -50.03)	End of Sidewalk Radius
Pt 214	(-76.82, -60.54)	End of Curb at Existing Curb
Pt 215	(-62.34, -54.07)	Top of Ramp
Pt 216	(-87.15, -60.65)	End of Curb at Existing Curb
Pt 217	(-87.26, -50.12)	End of Sidewalk Radius
R218	(-92.26, -50.18)	Radius Point (R= 5'-0")
Pt 219	(-91.25, -45.28)	Transition of Sidewalk Radius
R220	(-90.23, -40.34)	Radius Point (R= 5'-0")
Pt 221	(-95.23, -40.40)	End of Sidewalk Radius
Pt 222	(-93.24, -162.07)	End of Curb at Existing Curb
Pt 223	(-93.34, -153.74)	End of Curb Radius
R224	(-78.34, -153.76)	Radius Point (R= 5'-0")
Pt 225	(-80.18, -141.11)	End of Curb Radius / Bottom of Ramp
Pt 226	(-70.34, -140.64)	End of Curb at Existing Curb
Pt 227	(-70.23, -157.48)	Corner of Sidewalk at Existing Sidewalk
Pt 228	(-74.66, -162.01)	Corner of Sidewalk at Existing Sidewalk
Pt 229	(-77.12, -155.21)	Top of Ramp
Pt 230	(-17.62, 4.58)	Corner of New Sidewalk at Existing Sidewalk
Pt 231	(8.60, 53.60)	Corner of Transformer Pad
Pt 232	(8.60, 62.60)	Corner of Transformer Pad
Pt 233	(-3.00, 89.35)	Center of Drain Grate
Pt 234	(-84.03, 216.45)	End of New Curb at Existing Curb
Pt 235	(-64.46, 211.83)	End of New Curb at Existing Curb
Pt 236	(-16.88, 214.15)	End of New Curb at Existing Curb
Pt 237	(-164.14, 218.78)	End of New Curb at Existing Curb
Pt 238	(-167.19, 190.51)	NWC of Trench Drain
Pt 239	(-82.36, 186.11)	SWC of Trench Drain
Pt 240	(-371.63, 374.50)	SW Corner of Building
Pt 241	(-375.63, 374.35)	SW Corner of Sidewalk
Pt 242	(-374.26, 414.25)	Corner of Sidewalk
Pt 243	(-373.20, 414.47)	NW Corner of Building
Pt 244	(-343.22, 415.65)	NE Corner of Building
Pt 245	(-350.40, 415.31)	End of Fence at Building
Pt 246	(-352.44, 483.10)	End of Fence at Building
Pt 247	(46.52, 215.14)	Corner of Sidewalk
Pt 248	(46.12, 181.15)	Corner of Sidewalk at Building
Pt 249	(-143.42, 53.33)	SE Corner of Cooking Station
Pt 250	(-144.04, 70.00)	NE Corner of Cooking Station
		See Addendum



Sheet A1.1

1. Detail ST06, note the paving edge should read 6"
2. Detail ST11, note the paving edge should read 6".
3. Coordinate Points Table, point 250 revise description to be NW.
4. Coordinate Points Table, point 249, revise description to be SW.

GENERAL NOTES:

1. BENCHMARK # 1 IS 'POINT 101' LOCATED AS THE TOP NUT OF FIRE HYDRANT ON NORTH SIDE OF NOLEN STREET AS NOTED ON THE PLAN.
2. TRUE NORTH IS INDICATED BY NORTH ARROW SYMBOL, PER CIVIL ENGINEER SHEET. (REFER TS1.0)
3. ALL PAVING COORDINATES ARE LAID OUT TO FACE OF CURB U.N.O.
4. CURB RADII NOT INDICATED BY COORDINATE POINTS ARE TYPICALLY 5'-0" MEASURED TO FACE OF CURB, U.N.O.
5. A POSITIVE (+) FIRST NUMBER INDICATES AN EASTERLY DIRECTION. A NEGATIVE (-) FIRST NUMBER INDICATES A WESTERLY DIRECTION. A POSITIVE (+) SECOND NUMBER INDICATES A NORTHERLY DIRECTION. A NEGATIVE (-) SECOND NUMBER INDICATES A SOUTHERLY DIRECTION.
6. GENERAL CONTRACTOR SHALL VERIFY ALL COORDINATE LOCATIONS. REPORT ANY DISCREPANCY IMMEDIATELY TO THE ARCHITECT PRIOR TO PRECEEDING WITH THE WORK.
7. REFER TO SHEET A1.1 FOR ADDITIONAL INFORMATION - COORDINATE AS REQUIRED.
8. REFER TO SHEETS A1.3 AND A1.4 FOR GRADES & ADDITIONAL SITE INFORMATION & GENERAL NOTATION - COORDINATE AS REQUIRED.
9. REFER TO DIMENSIONED AND NOTED FLOOR PLANS FOR ADDITIONAL INFORMATION.
10. REFER TO MEP DRAWINGS FOR ADDITIONAL INFORMATION.
11. REFER TO STRUCTURAL FOR ADDITIONAL INFORMATION.
12. COORDINATE ITEMS NOT DIMENSIONALLY LOCATED WITH SCALED CONDITIONS AND EXISTING SITE IMPROVEMENTS.

NORTH

DIMENSIONED SITE PLAN SCALE: 1" = 20'-0" FILE: SITE

REGISTERED ARCHITECT BRICE J. DAVIS 6981 STATE OF TEXAS
BRICE J. DAVIS
June 14, 2005

TDA
THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 520 •PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 •Fax 903.753.7317
Email: TDA@T-DArchitects.com
www.T-DArchitects.com

MEP ENGINEER
EMA
www.estesmcclure.com
Estes, McClure & Associates, Inc.
Engineering & Consulting
3608 West Way
Tyler, Texas 75703
phone: 903-581-2677 fax: 903-581-2721

STRUCTURAL ENGINEER
UBSE
UNIFIED BUILDING SCIENCES & ENGINEERING, INC.
405 International Parkway, Suite 209
Richardson, Texas 75081
Phone 972.783.8683 • Fax 972.783.8684
Email: Cadd2@UBSE.com
www.UBSE.com

KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE

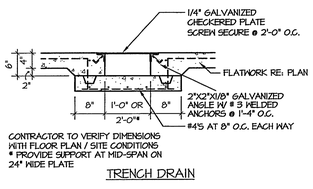
Kilgore, Texas

FILE NAME: 0421A1-1

PROJECT NUMBER: 0421

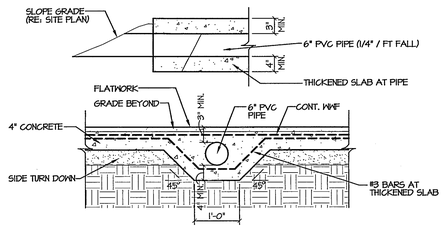
SHEET CONTENTS:
SOUTH SITE
DIMENSIONED SITE PLAN
SITE DETAILS

A 1.1



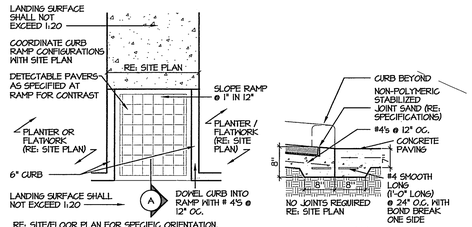
TRENCH DRAIN

ST15 SCALE: 3/4" = 1'-0"
FILE: ST15



WALK DRAINAGE SECTION

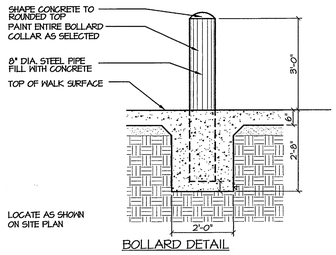
ST16 SCALE: 3/4" = 1'-0"
FILE: ST16



HANDICAP CURB RAMP

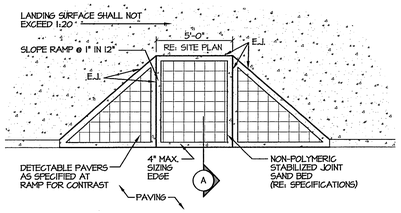
ST17 SCALE: 1/4" = 1'-0"
FILE: ST17

SECTION 'A'



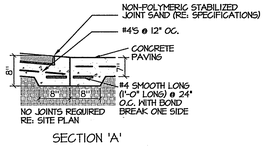
BOLLARD DETAIL

ST18 SCALE: 1/2" = 1'-0"
FILE: ST18

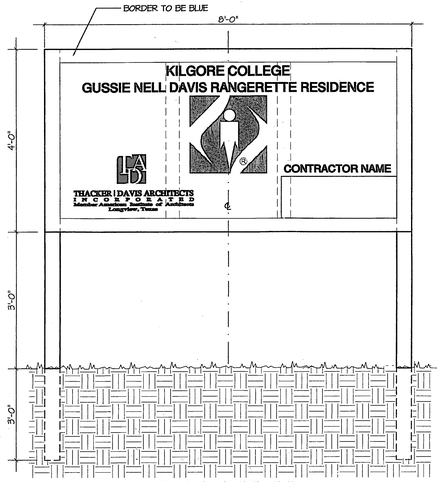


HANDICAP RAMP DETAIL

ST19 SCALE: 1/4" = 1'-0"
FILE: ST19



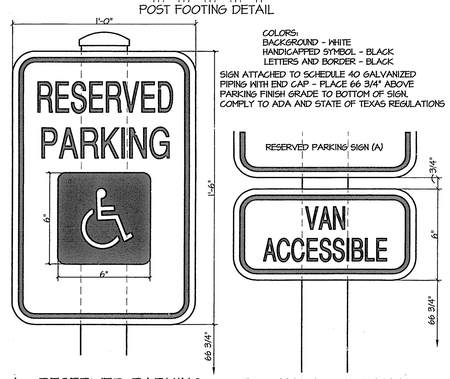
SECTION 'A'



THIS IS A TWO SIDED SIGN.
3/4" Exterior Grade A/C plywood on 4"x4" treated posts. Brace in rear with treated 2"x4". Helvetica medium letter style, size as shown. Colors to be blue logo, & letters and border, background to be white. Logos as provided by the Architect. Locate sign as shown on Site Plan.

ST20 SCALE: 3/4" = 1'0"
FILE: ST20

POST FOOTING DETAIL

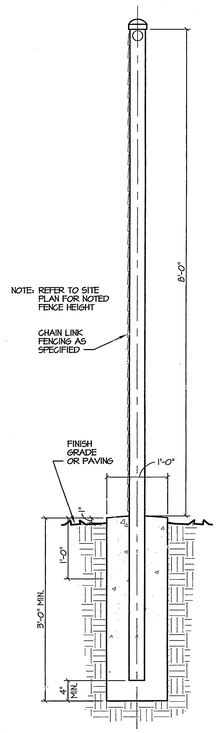


A. RESERVED PARKING B. VAN ACCESSIBLE

REFER TO SITE PLAN FOR LOCATIONS

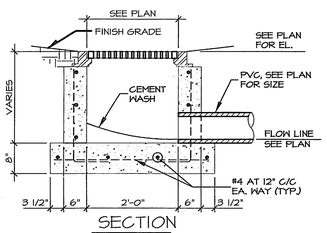
HANDICAP PARKING SIGNS

ST23 SCALE: 1 1/2" = 1'-0"
FILE: ST23

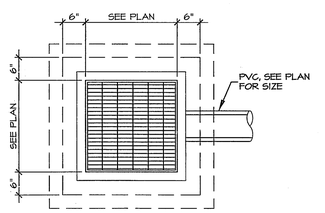


FENCEPOST (NO CURB)

ST22 SCALE: 1" = 1'-0"
FILE: ST22



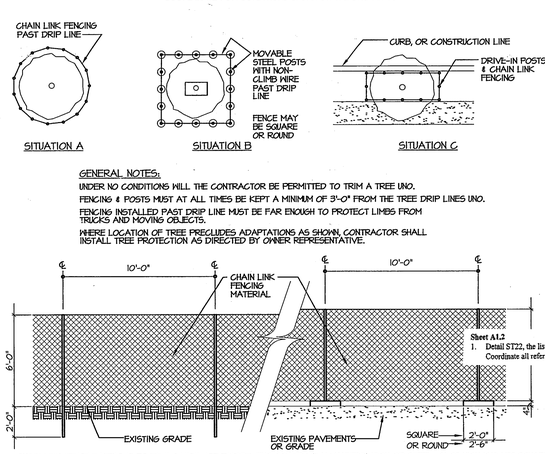
SECTION



PLAN

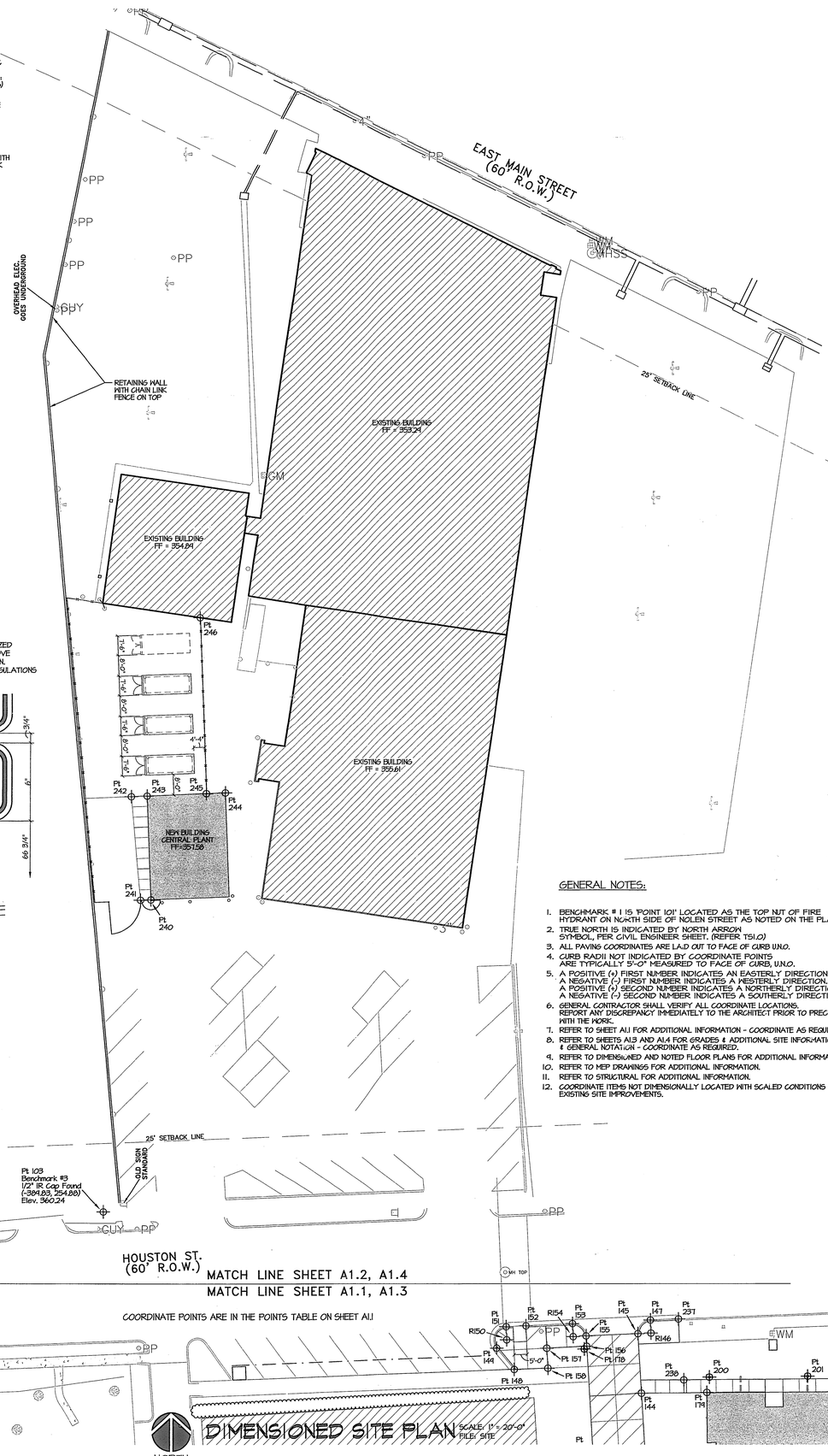
TYPICAL GRATE INLET DETAIL
PRECAST UNITS ACCEPTABLE IF APPROVED BY SUBSTITUTION REQUEST.

ST24 SCALE: 3/4" = 1'0"
FILE: ST24



CHAIN LINK FENCE FABRIC IS TO BE 11 GAUGE HOT DIPPED ZINC COATED (GALVANIZED) IRON OR STEEL 6'-0" HIGH W/2 1/2" SQUARE DIAMOND. USE 8'-0" X 1 5/8" DIA. O.D. GALVANIZED IRON PIPE POSTS. CORNER AND GATE POSTS WILL BE 8'-0" X 2 3/4" DIA. O.D. ALL NON-MOVABLE FENCE POSTS TO BE SET A MIN. OF 2'-0" IN GROUND OR SET IN 4" THICK CONCRETE PAD 2'-0" SQUARE OR 2'-6" ROUND W/CORNER AND GATE POSTS ADEQUATELY BRACED. (OPTION TO USE EITHER FENCING AS SHOWN).

ST21 SCALE: 1/4" = 1'-0"
FILE: ST21



DIMENSIONED SITE PLAN SCALE: 1" = 20'-0"
FILE: SITE

GENERAL NOTES:

1. BENCHMARK # 1 IS 'POINT 101' LOCATED AS THE TOP NUT OF FIRE HYDRANT ON NORTH SIDE OF NOLEN STREET AS NOTED ON THE PLAN.
2. TRUE NORTH IS INDICATED BY NORTH ARROW SYMBOL, PER CIVIL ENGINEER SHEET. (REFER TS1.0)
3. ALL PAVING COORDINATES ARE LAID OUT TO FACE OF CURB U.N.O.
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7. REFER TO SHEET A1.1 FOR ADDITIONAL INFORMATION - COORDINATE AS REQUIRED.
8. REFER TO SHEETS A1.3 AND A1.4 FOR GRADES & ADDITIONAL SITE INFORMATION & GENERAL NOTATION - COORDINATE AS REQUIRED.
9. REFER TO DIMENSIONED AND NOTED FLOOR PLANS FOR ADDITIONAL INFORMATION.
10. REFER TO MEP DRAWINGS FOR ADDITIONAL INFORMATION.
11. REFER TO STRUCTURAL FOR ADDITIONAL INFORMATION.
12. COORDINATE ITEMS NOT DIMENSIONALLY LOCATED WITH SCALED CONDITIONS AND EXISTING SITE IMPROVEMENTS.

REGISTERED ARCHITECT
BRICE J. DAVIS
June 14, 2005
THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 •PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 •Fax 903.753.7317
Email: TDA@T-Darchitects.com
www.T-Darchitects.com
MEP ENGINEER
EMA
www.estesmcclure.com
Estes, McClure & Associates, Inc.
Engineering & Consulting
3608 West Way
Tyler, Texas 75703
phone: 903-581-2677 fax: 903-581-2721
STRUCTURAL ENGINEER
405 International Parkway, Suite 20
Richardson, Texas 75081
Phone 972.783.8683 •Fax 972.783.8684
Email: Csd2@UBSE.com
www.UBSE.com

KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE

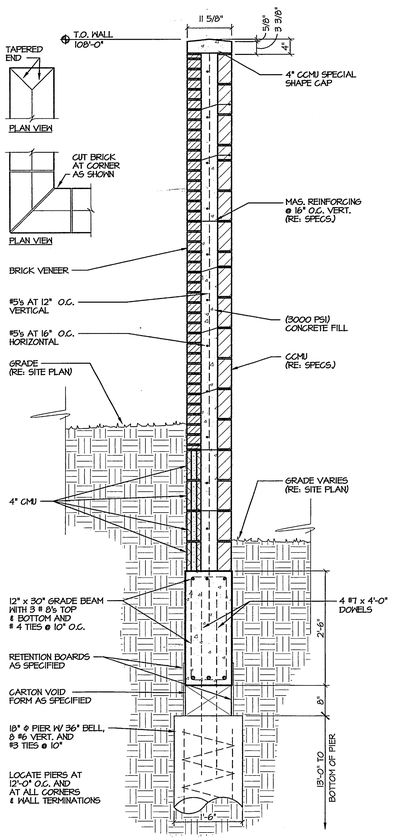
Kilgore, Texas

FILE NAME: 0421A1.2

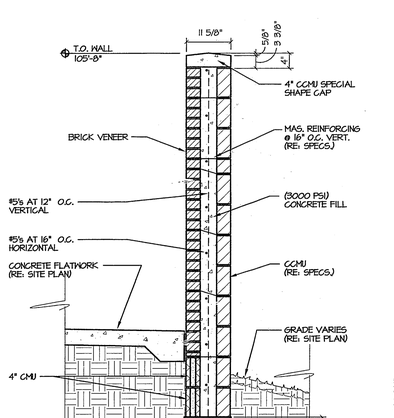
PROJECT NUMBER: 0421

SHEET CONTENTS:
NORTH SITE
DIMENSIONED SITE PLAN
SITE DETAILS

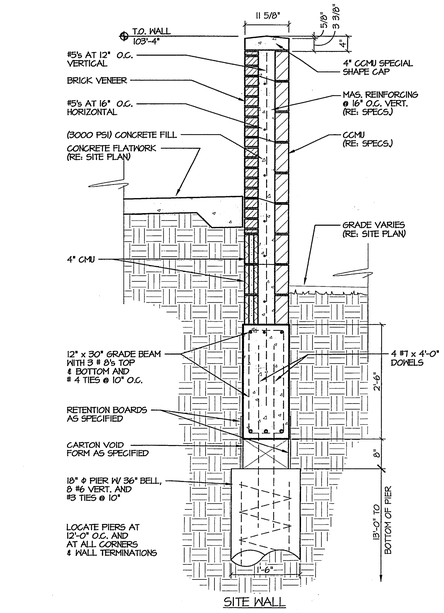
A 1.2



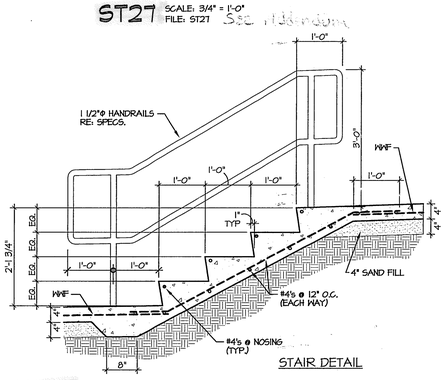
ST25 SCALE: 3/4" = 1'-0" FILE: ST25 See Addendum



ST26 SCALE: 3/4" = 1'-0" FILE: ST26 See Addendum



ST27 SCALE: 3/4" = 1'-0" FILE: ST27 See Addendum



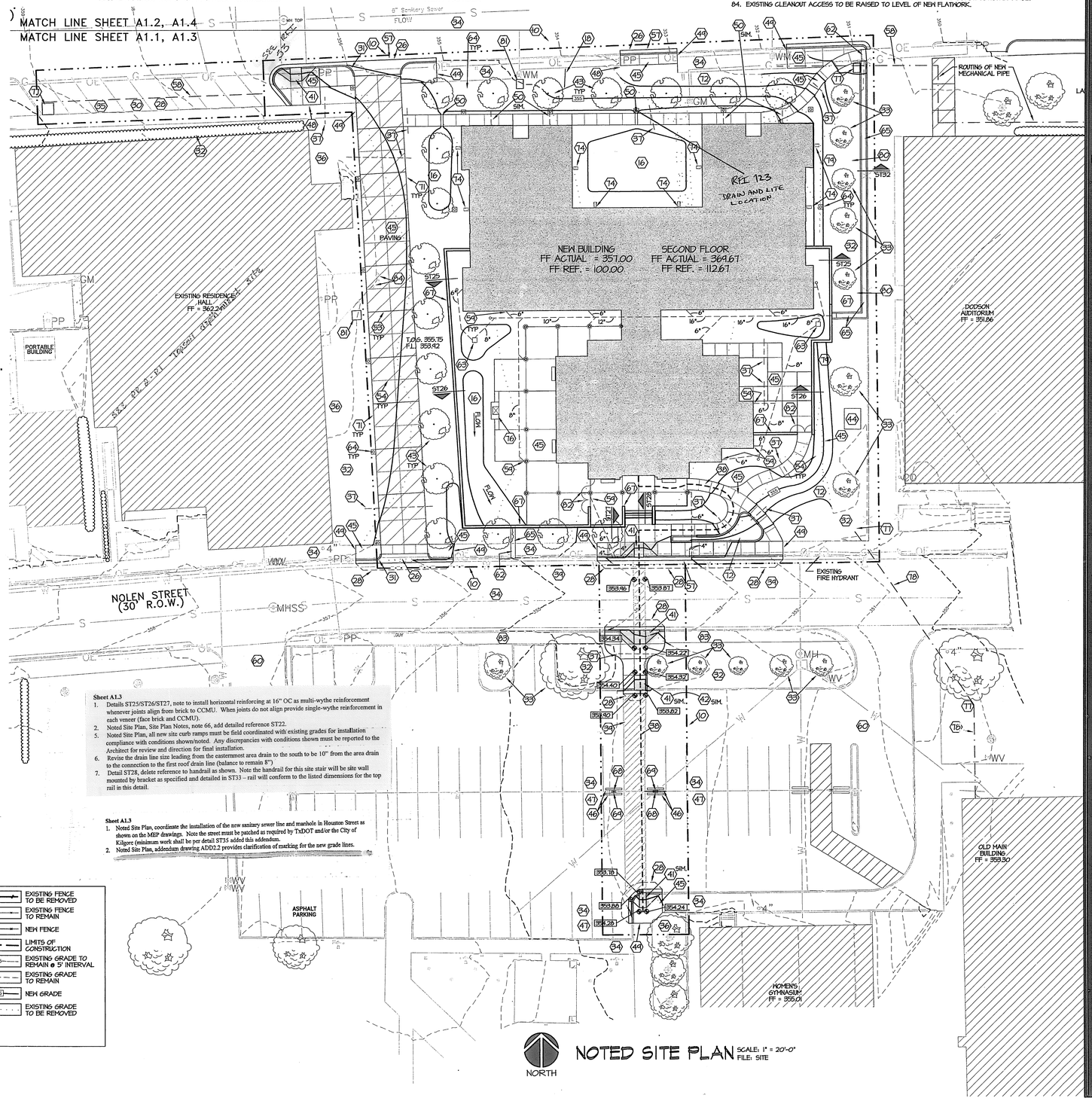
STAIR DETAIL

ST28 SCALE: 3/4" = 1'-0" FILE: ST28 See Addendum (ST27)

SITE PLAN NOTES:

SOME NOTES KEYED ON PLAN IN A HEXAGON

1. REFER TO MEP DRAWINGS FOR ADDITIONAL INFORMATION, INCLUDING THE LOCATION OF UNDERGROUND UTILITIES. COORDINATE WORK ACCORDINGLY.
2. BENCHMARK ELEVATIONS ARE AS LISTED IN THE SURVEY PREPARED BY KSA ENGINEERS JUNE, 2005 (RE: TS1.0 & TS1.1).
3. VERIFY LOCATION OF ALL SITE UTILITIES AND COORDINATE WITH NEW CONSTRUCTION. CONTACT UTILITY COMPANIES LISTED ON THE SURVEY SHEETS TS1.0 & TS1.1.
4. SUBSURFACE UTILITIES SHOWN ARE APPROXIMATE LOCATIONS. CONTRACTOR TO ACCURATELY LOCATE ALL UTILITIES WHETHER SHOWN OR NOT PRIOR TO ANY DEMOLITION OPERATIONS THAT COULD RESULT IN DAMAGE TO EXISTING LINES.
5. REFER TO PROJECT ALTERNATE DESCRIPTIONS FOR ALTERNATE BID ITEMS.
6. REFER TO SITE DETAILS FOR SPECIFIC CONSTRUCTION ELEMENT REQUIREMENTS.
7. COORDINATE WORK NOT TO DISTURB EXISTING SITE ITEMS NOTED TO REMAIN.
8. REFER TO PROJECT MANUAL FOR SPECIFIC INFORMATION FOR SITE MATERIALS AND SITE CONSTRUCTION PROCEDURES.
9. PROVIDE HERBICIDE AT ALL NEW CONCRETE WALKS, CONCRETE PAVING AND ASPHALT PAVING.
10. CONTRACTOR TO CONFINE ALL CONSTRUCTION AND STORAGE OF MATERIALS TO AREAS DESIGNATED WITHIN STAGING BOUNDARY. COORDINATE WITH OWNER REPRESENTATIVE
11. ALL TREES NOT NOTED TO BE REMOVED ARE TO BE PROTECTED DURING CONSTRUCTION. ALL VEGETATION NOT REQUIRED TO BE REMOVED FOR CONSTRUCTION, OR OTHERWISE NOTED FOR REMOVAL, SHALL REMAIN AND BE PROTECTED ON SITE.
12. ANY SITE REQUIRED SECURITY FENCING SHALL BE COORDINATED BY THE CONTRACTOR WITH THE OWNER'S REPRESENTATIVE.
13. CONTRACTOR SHALL FIELD VERIFY ALL CONTROL DIMENSIONS AND ELEVATIONS PRIOR TO CONSTRUCTION AND REPORT DISCREPANCIES TO THE OWNER'S REPRESENTATIVE.
14. REFER TO SHEETS A1.0, A1.1, A1.2, AND A1.4 FOR SITE DETAILS.
15. MUD TRACKED ONTO OWNER PARKING OR DRIVES AND ONTO ADJACENT ROADS SHALL BE CLEANED IMMEDIATELY.
16. PROVIDE EMERGENCY RELEASE FOR WATER DURING CONSTRUCTION TO PREVENT PONDING. COORDINATE WITH EROSION CONTROL.
17. NO WORK BEYOND THE SHOWN LIMITS OF CONSTRUCTION UNLESS NOTED OTHERWISE OR APPROVED BY THE OWNER'S REPRESENTATIVE.
18. PROJECT SIGN AS DETAILED ON SHEET A1.2 (RE: ST20).
19. ALL SITE WORK IS TO BE COORDINATED WITH THE OWNER'S REPRESENTATIVE FOR SAFETY, ACCESS AND SEQUENCE.
20. VERIFY SOIL STOCKPILE AREAS WITH THE OWNER'S REPRESENTATIVE PRIOR TO COMMENCEMENT OF THE WORK.
21. COORDINATE LOCATION OF STORAGE TRAILERS, MATERIAL SITE STORAGE AND WORKER PARKING WITH THE OWNER'S REPRESENTATIVE.
22. COORDINATE REMOVAL AND LEGAL DISPOSAL OF SITE MATERIALS WITH THE REQUIREMENTS OF THE PROJECT MANUAL.
23. GEOTECHNICAL SURVEY BORINGS WITHIN THE LIMITS OF CONSTRUCTION ARE GENERALLY REFERENCED IN THE GEOTECHNICAL ENGINEER REPORT IN THE PROJECT MANUAL FOR SPECIFIC INFORMATION.
24. COORDINATE SILT PROTECTION AND EROSION CONTROL AS SPECIFIED (RE: SWPPP PLAN).
25. REFER TO SURVEY TS1.0 & TS1.1 FOR SPECIFIC EXISTING SITE INFORMATION - COORDINATE NEW CONSTRUCTION WITH EXISTING DESIGN FINAL PRODUCT.
26. REFER TO DETAIL ST11 FOR PAVING EDGE DETAIL.
27. THE STAGING OF THE START OF CONSTRUCTION AND INSTALLATION OF NEW UTILITIES MUST BE CAREFULLY COORDINATED WITH THE OWNER AND OWNER'S REPRESENTATIVE TO MINIMIZE UTILITY SERVICE DISRUPTION (RE: A1.0).
28. NEW-TO-EXISTING ASPHALTIC CONCRETE PAVING AT ASPHALT PAVING PATCHING (RE: ST12).
29. REFER TO DETAILS ST01 - ST05 FOR DETAILS ASSOCIATED WITH SITE CONCRETE.
30. NEW PAVING / BASE / STRIPING AT MECHANICAL PIPE INSTALLATION.
31. CONCRETE CURB ON THIS AREA (RE: ST06).
32. NO WORK AT EXISTING LAWN AREAS EXCEPT AS REQUIRED FOR NEW CONSTRUCTION - RECLAIM ALTERED AREAS TO MATCH EXISTING CONDITIONS.
33. EXISTING TREES TO REMAIN - PROTECT AS REQUIRED DURING CONSTRUCTION.
34. EXISTING PAVING - NO WORK EXCEPT TO REPAIR CONSTRUCTION DAMAGE.
35. ASPHALTIC CONCRETE PAVING (NEW) WITH BASE AS SPECIFIED.
36. PROVIDE POSITIVE DRAINAGE AWAY FROM THE BUILDINGS (NEW AND EXISTING).
37. REFER TO SITE PLAN FOR PVC SLEEVE LOCATION AND ST14 FOR DETAIL INFORMATION.
38. COORDINATE ALL ACCESSIBLE ROUTES ON SITE (PAVED SURFACES) SO THAT THE CROSS SLOPE DOES NOT EXCEED 2%.
39. ALL SITE STRIPING IS 6" WIDE AS PER PROJECT MANUAL.
40. REFER TO DIMENSIONED SITE PLAN, SHEETS A1.1 & A1.2, FOR ALL SITE DIMENSIONED INFORMATION.
41. REFER TO CURB RAMP DETAIL ST14.
42. REFER TO CURB RAMP DETAIL ST22.
43. NEW TREES SHOWN ARE PROVIDED/INSTALLED BY OWNER.
44. NEW TRANSFORMER PAD WITH TRANSFORMER (RE: MEP).
45. NEW CONCRETE FLATWORK (RE: ST01 - ST04, ST11, ST13).
46. PRECAST CONCRETE WHEEL STOPS (RE: ST01).
47. EXISTING STRIPING TO REMAIN U.N.O. (NO WORK).
48. METAL BOLLARD AS DETAILED (RE: ST23).
49. NEW-TO-EXISTING CONCRETE TRANSITION (RE: ST13).
50. DRAIN THRU CONCRETE WALK (RE: ST16).
51. EMERGENCY EGRESS FROM EXISTING BUILDINGS MUST BE MAINTAINED DURING CONSTRUCTION.
52. CONCRETE FLATWORK EXPANSION JOINT (RE: ST01).
53. CONCRETE FLATWORK CONTROL/CONSTRUCTION JOINT (RE: ST02, ST03 AND ST04).
54. EXISTING PAVING - NO WORK EXCEPT TO REPAIR CONSTRUCTION DAMAGE.
55. EXISTING POWER POLE - COORDINATE NEW SERVICE EQUIPMENT WITH MEP AND THE ELECTRICAL UTILITY PROVIDER.
56. TRANSITION OF CONCRETE PAVING TO ASPHALT PAVING - BOTH NEW (RE: ST11).
57. PATCH EXISTING PAVING AT UTILITY TRENCHING.
58. CONNECT NEW DOWNSPOUT TO SUBSURFACE DRAINAGE (RE: NOTED FLOOR PLAN).
59. ACCESS TO ALL EXISTING PARKING SPACES MUST BE MAINTAINED DURING CONSTRUCTION.
60. ALL NOTED/SHOWN LANDSCAPING TO BE PROVIDED BY OWNER. PLANTER BED PREPARATION PROVIDED UNDER CONTRACT.
61. TRENCH DRAINS AT SIDEWALK (RE: ST15).
62. AREA DRAIN - RE: ST24 (COORDINATE FOR LISTED ELEVATIONS).
63. SITE LIGHT POLE PER MEP & STRUCTURAL.
64. CONCRETE VALLEY GUTTER AS DETAILED.
65. NEW FENCING WITH GATES AS SPECIFIED/DETAILED (RE: ST). 22
66. MASONRY SCREEN WALLS (RE: ST25, ST26, ST27).
67. HANDICAP PARKING SIGN - STANDARD (RE: ST23A).
68. HANDICAP PARKING SIGN - VAN ACCESSIBLE (RE: ST23B).
69. CONCRETE FLATWORK AT ABUTMENT TO ASPHALT PAVING IN ALL CASES IF RAISED 6" (RE: DETAIL PER ST10).
70. CONCRETE FLATWORK EDGE AT LAWN (RE: ST05).
71. NO NEW SOIL SLOPE TO BE STEEPER THAN 1:3.
72. MECHANICAL UNITS THIS AREA - RE: MEP.
73. SPLASHBLOCK AT DOWNSPOUT (RE: NOTED FLOOR PLAN).
74. NEW STRIPING AT ALL NEW PAVING AND AS OTHERWISE SHOWN/REQUIRED.
76. EXTERIOR COOKING CENTER (RE: FLOOR PLAN)
77. NEW DATA PULL BOX (RE: MEP).
78. PATCH LAWN / PAVING AT NEW DATA CONDUITS
79. RELOCATE WATER LINE THIS AREA (RE: MEP).
80. NEW ELECTRICAL CONDUIT INSTALLED THIS AREA (RE: MEP).
81. MECHANICAL PIPING VALVE BOX (RE: MEP).
82. ORNAMENTAL GATES AS SPECIFIED.
83. EXISTING CONCRETE FLATWORK - NO WORK EXCEPT TO REPAIR ANY CONSTRUCTION DAMAGE.
84. EXISTING CLEANOUT ACCESS TO BE RAISED TO LEVEL OF NEW FLATWORK.



NOTED SITE PLAN SCALE: 1" = 20'-0" FILE: SITE

Sheet A1.3

1. Details ST25/ST26/ST27, note to install horizontal reinforcing at 16" OC as multi-wythe reinforcement wherever joints align from brick to CCMU. When joints do not align provide single-wythe reinforcement in each veneer (face brick and CCMU).
2. Noted Site Plan, Site Plan Notes, note 66, add detailed reference ST22.
5. Noted Site Plan, all new site curb ramps must be field coordinated with existing grades for installation compliance with conditions shown/noted. Any discrepancies with conditions shown must be reported to the Architect for review and direction for final installation.
6. Revise the drain line size leading from the easternmost area drain to the south to be 10" from the area drain to the connection to the first roof drain line (balance to remain 8")
7. Detail ST28, delete reference to handrail as shown. Note the handrail for this site stair will be site wall mounted by bracket as specified and detailed in ST33 – rail will conform to the listed dimensions for the top rail in this detail.

Sheet A1.3

1. Noted Site Plan, coordinate the installation of the new sanitary sewer line and manhole in Houston Street as shown on the MEP drawings. Note the street must be patched as required by TxDOT and/or the City of Kilgore (minimum work shall be per detail ST35 added this addendum.
2. Noted Site Plan, addendum drawing AD20.2 provides clarification of marking for the new grade lines.

LEGEND

NEW BUILDING	EXISTING FENCE TO BE REMOVED
EXISTING BUILDING	EXISTING FENCE TO REMAIN
NEW CONCRETE	NEW FENCE
ACCESSIBLE ROUTE	LIMITS OF CONSTRUCTION
EXISTING TREE / STUMP TO BE REMOVED	EXISTING GRADE TO REMAIN @ 5' INTERVAL
NEW TREE	EXISTING GRADE TO REMAIN
EXISTING TREE TO REMAIN	NEW GRADE
	EXISTING GRADE TO BE REMOVED

REGISTERED ARCHITECT STATE OF TEXAS
BRICE J. DAVIS
June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 •PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 •Fax 903.753.7317
Email: T.D.A@T-DArchitects.com
www.T-DArchitects.com

MEP ENGINEER
EMA
www.estesmcclure.com
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3608 West Way
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phone: 903-581-2677 fax: 903-581-2721

STRUCTURAL ENGINEER
UBSE
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405 International Parkway, Suite 209
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Phone 972.783.8683 •Fax 972.783.8684
Email: Cadd2@UBSE.com
www.UBSE.com

KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE

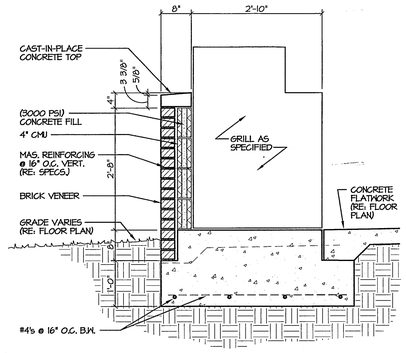
Kilgore, Texas

FILE NAME: 0421A1-3

PROJECT NUMBER: 0421

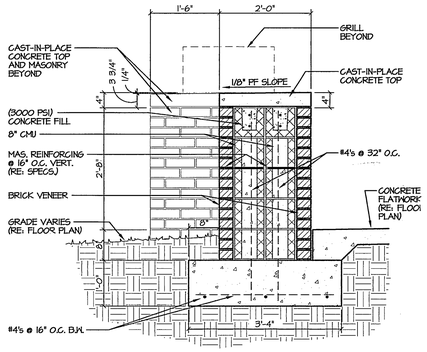
SHEET CONTENTS: SOUTH SITE - NOTED SITE PLAN SITE DETAILS

A 1.3



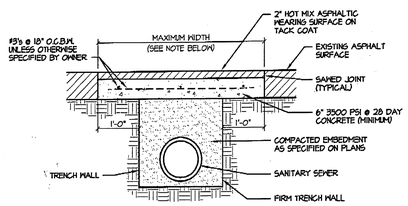
SECTION THRU GRILL

ST29 SCALE: 3/4" = 1'-0" FILE: ST29 delete See Addendum



SECTION THRU COOKING CENTER

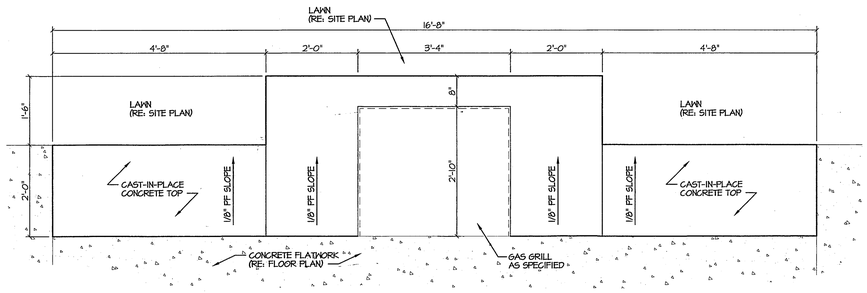
ST30 SCALE: 3/4" = 1'-0" FILE: ST30 delete See Addendum



COORDINATE WITH MEP.
THIS IS MINIMAL WORK - PATCH WORK MUST BE PER TXDOT AND / OR THE CITY OF KILGORE

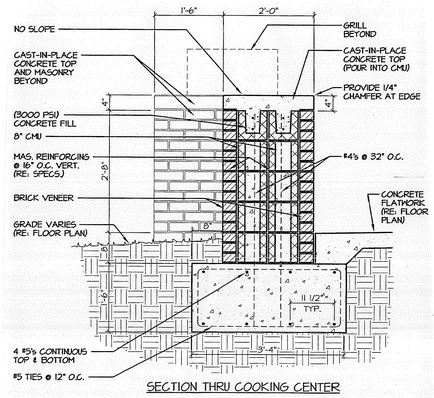
ST35 OPEN - CUT REPAIR @ HOUSTON STREET

SCALE: 3/4" = 1'-0" FILE: ADD2-1



ST31 SCALE: 3/4" = 1'-0" FILE: ST31 delete See Addendum

COOKING CENTER FLOOR PLAN

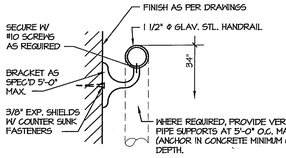


SECTION THRU COOKING CENTER

THIS IS BID UNDER ALTERNATE NUMBER 2.

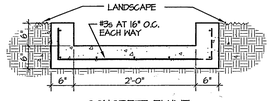
ST30

See RFI 6 - R2 moved central plant 15' to the south



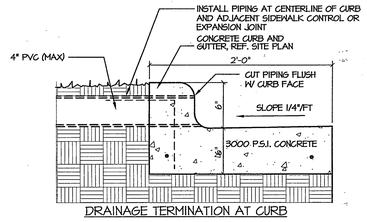
NOTE:
HANDRAILS SHALL BE MOUNTED 34" ABOVE THE LEADING EDGE OF THE TREAD AND SHALL BE CONTINUOUS AS PER PLANS AND DETAILS. HANDRAILS SHALL EXTEND 12" PARALLEL W/ THE TOP RISER AND A ONE THREAD WIDTH DISTANCE BEYOND THE BOTTOM RISER.

HANDRAIL DETAIL



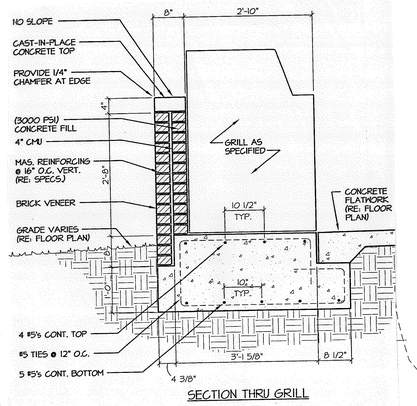
CONCRETE FLUME

ST32 SCALE: 3/4" = 1'-0" FILE: ST32 See Addendum



DRAINAGE TERMINATION AT CURB

ST34 SCALE: 1 1/2" = 1'-0" FILE: ST34

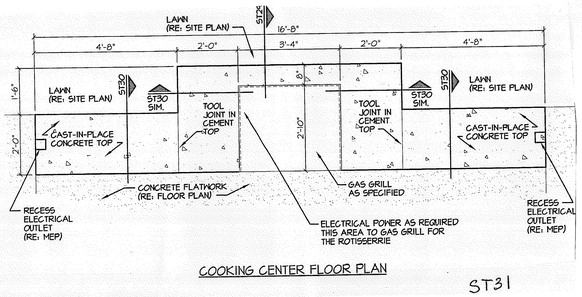


SECTION THRU GRILL

COORDINATE WITH GRILL FOR BUILT-IN CONDITION.
THIS IS BID UNDER ALTERNATE NUMBER 2.

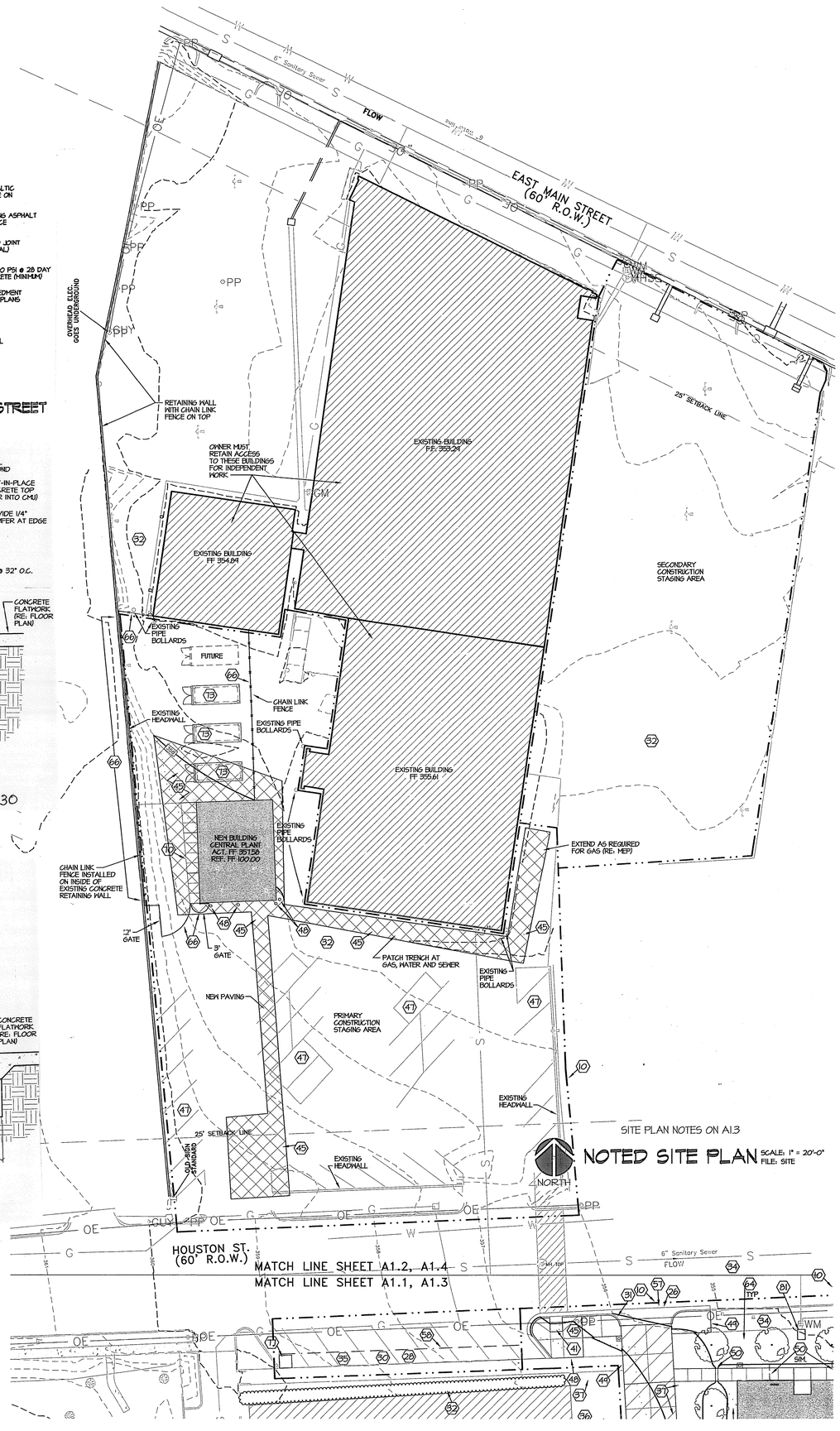
Sheet A1.4
1. Detail ST29, delete this detail and replace with the detail included this addendum on ADD1.2.
2. Detail ST30, delete this detail and replace with the detail included this addendum on ADD1.3.
3. Detail ST31, delete this detail and replace with the detail included this addendum on ADD1.4.
4. Detail ST32, revise the depth of the valley gutter to be 8".
5. Noted Site Plan, note the requirement for new paving will match replacement required by the removal of existing concrete paving as required for the installation of all utilities (refer MEP).

Sheet A1.4
1. Noted Site Plan, coordinate the installation of the electrical transformer with pad as shown on the MEP drawings. Add two (2) bollards at this transformer per ST18 with installation as directed by the Architect.



COOKING CENTER FLOOR PLAN

ST31



NOTED SITE PLAN

SCALE: 1" = 20'-0" FILE: SITE

BRICE J. DAVIS
June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 •PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 •Fax 903.753.7317
Email: TDA@T-DArchitects.com
www.T-DArchitects.com

MEP ENGINEER
EMA
www.estes-mcclure.com
Estes, McClure & Associates, Inc.
Engineering & Consulting
3608 West Way
Tyler, Texas 75703
phone: 903-581-2677 fax: 903-581-2721

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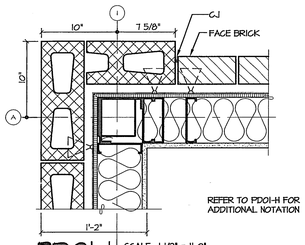
UBSE
UNIFIED BUILDING SCIENCES & ENGINEERING, INC.
405 International Parkway, Suite 209
Richardson, Texas 75081
Phone 972.783.8683 • Fax 972.783.8684
Email: Cs62@UBSE.com
www.UBSE.com

KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE
Kilgore, Texas

FILE NAME: 0421A1.4
PROJECT NUMBER: 0421
SHEET CONTENTS:
NORTH SITE - NOTED SITE PLAN
SITE DETAILS

A 1.4



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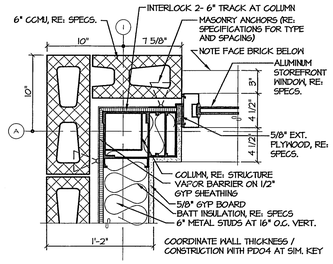

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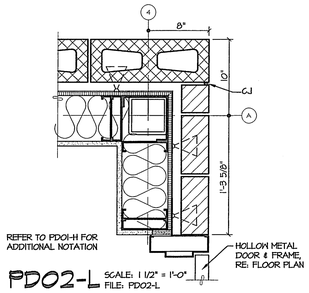

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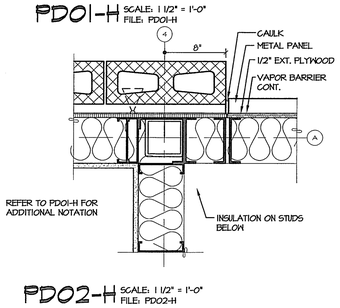

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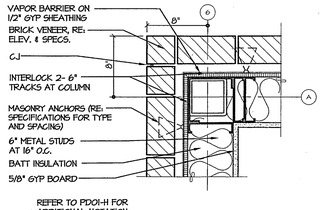

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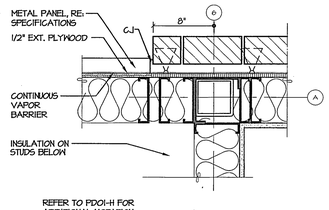

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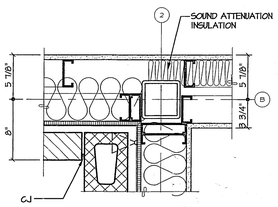
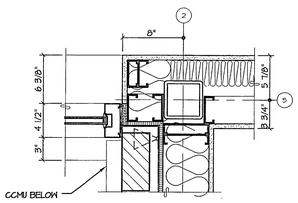
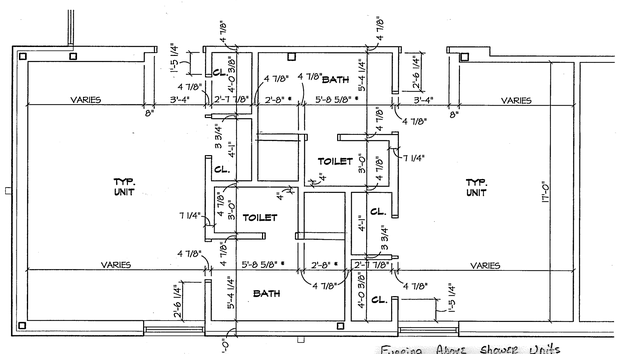




PD04-L SCALE: 1 1/2" = 1'-0" FILE: PD04-L

PD04-H SCALE: 1 1/2" = 1'-0" FILE: PD04-H

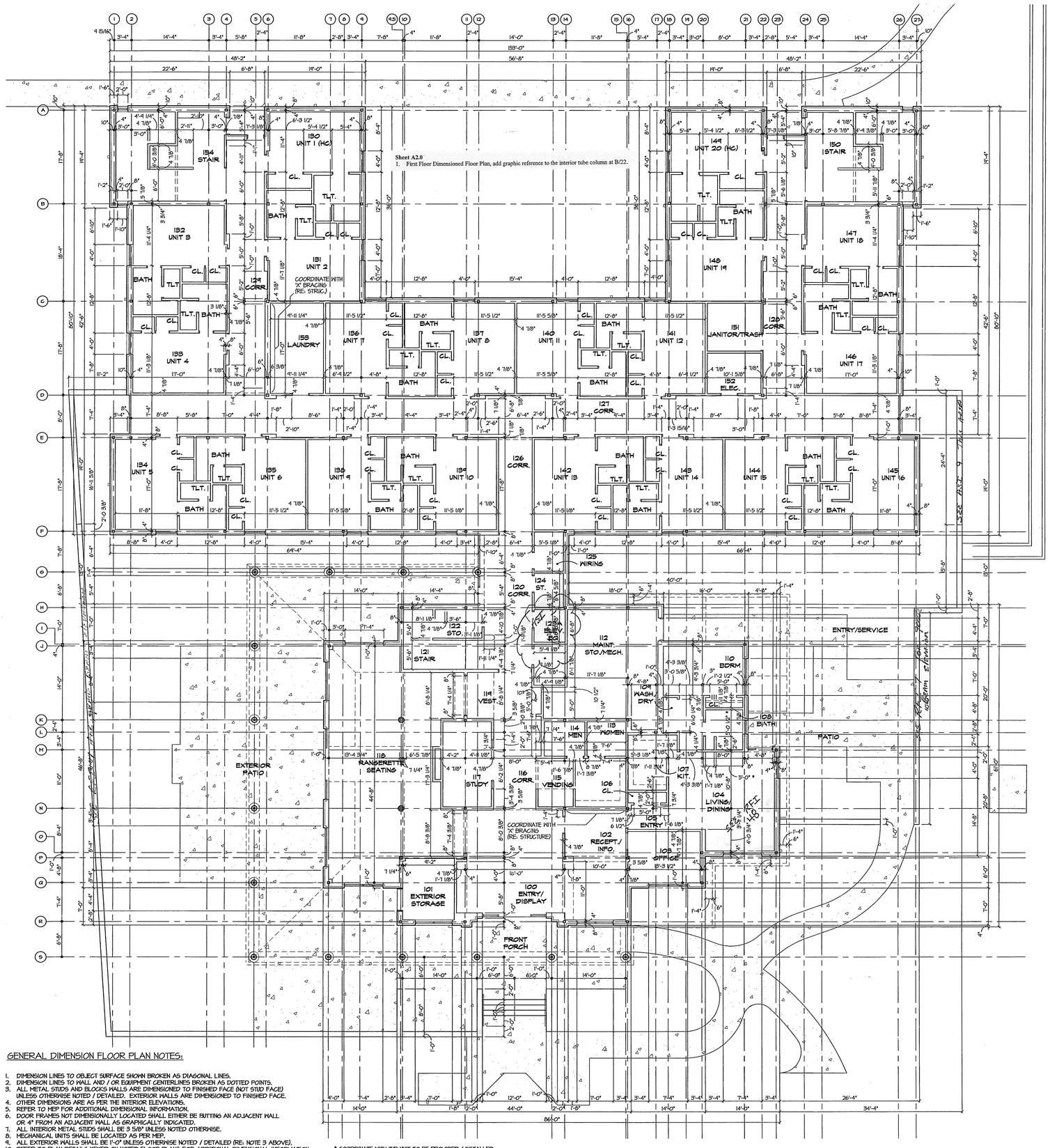


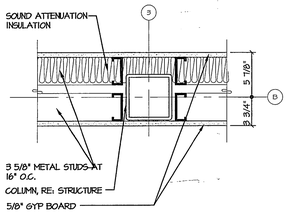
* COORDINATE WITH SHOWER UNIT TO BE PROVIDED / INSTALLED

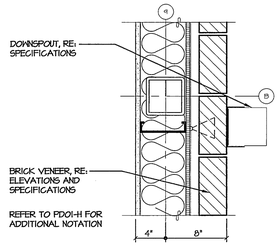
ENLARGED TYPICAL DORM UNIT DIMENSIONED FLOOR PLAN

SCALE: 1/8" = 1'-0"
FILE: FLR1

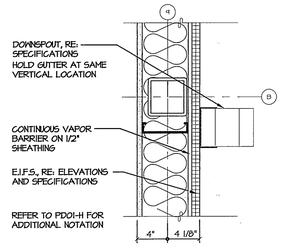
NORTH


Sheet A2.0
1. First Floor Dimensioned Floor Plan, add graphic reference to the interior tube column at B/22.
130 UNIT 1 (HC)
131 UNIT 2
132 UNIT 3
133 UNIT 4
134 UNIT 5
135 UNIT 6
136 UNIT 7
137 UNIT 8
138 UNIT 9
139 UNIT 10
140 UNIT 11
141 UNIT 12
142 UNIT 13
143 UNIT 14
144 UNIT 15
145 UNIT 16
146 UNIT 17
147 UNIT 18
148 UNIT 19
149 UNIT 20 (HC)
150 STAIR
151 JANITOR/TRASH
152 ELEC.
153 LAUNDRY
154 STAIR
120 CORR.
121 STAIR
122 STO.
123 ELEC. EQ.
124 ST.
125 WIRING
126 CORR.
127 CORR.
128 CORR.
129 CORR.
100 ENTRY/ DISPLAY
101 EXTERIOR STORAGE
102 RECEPT./ INFO.
103 OFFICE
104 LIVING/ DINING
105 ENTRY
106 CL.
107 KIT.
108 BATH
109 WASH./ DRY
110 BDRM.
111 CL.
112 MAINT. STO./MECH.
113 WOMEN
114 MEN
114 VEST.
115 VENDING
116 CORR.
117 STUDY
118 RANGERETTE SEATING
EXTERIOR PATIO
PATIO
ENTRY/SERVICE
COORDINATE WITH 'X' BRACING (RE: STRUCT.)
COORDINATE WITH 'X' BRACING (RE: STRUCTURE)
1'-6" FFE
1'-0" FFE
1'-4" FFE
1'-0" FFE
1'-4" FFE
1'-0" FFE
1'-4

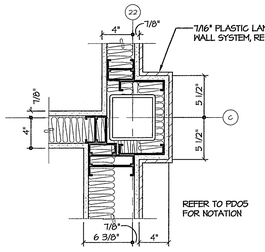




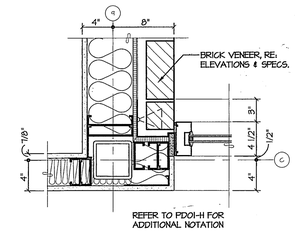
PD05 SCALE: 1 1/2" = 1'-0" FILE: PD05



PD06-L SCALE: 1 1/2" = 1'-0" FILE: PD06-L



PD06-H SCALE: 1 1/2" = 1'-0" FILE: PD06-H



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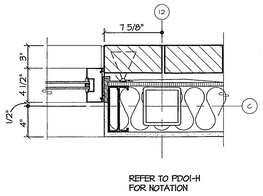
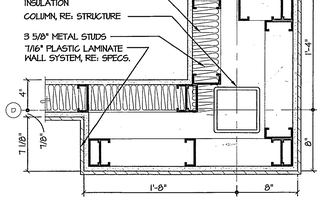
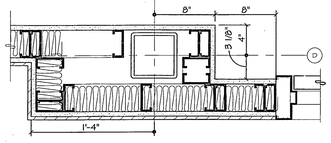


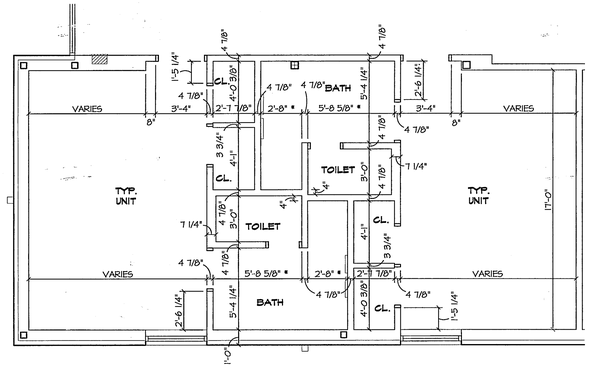
PD08 SCALE: 1 1/2" = 1'-0" FILE: PD08





PD10 SCALE: 1 1/2" = 1'-0" FILE: PD10

PD11 SCALE: 1 1/2" = 1'-0" FILE: PD11

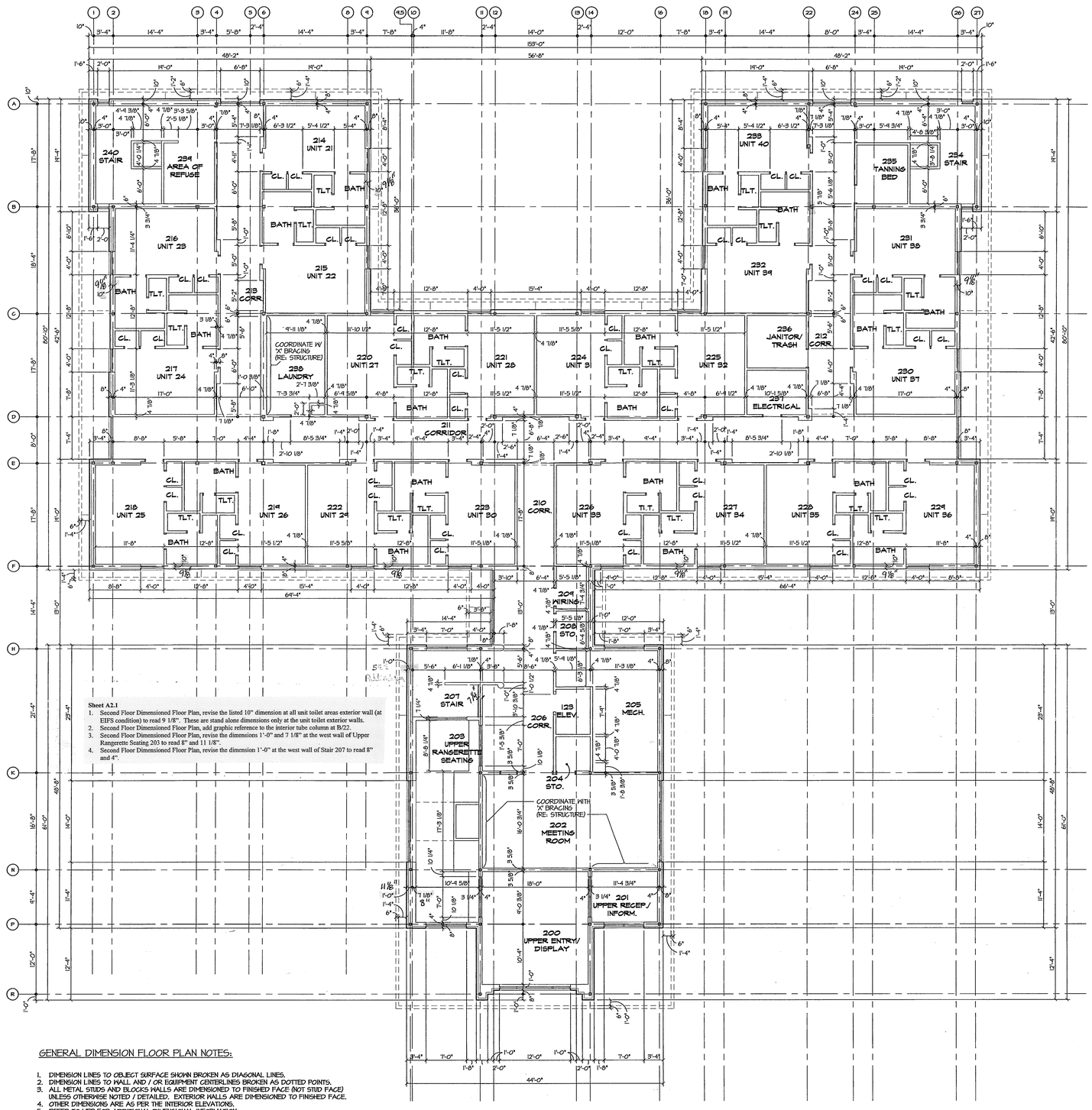


* COORDINATE WITH SHOWER UNIT TO BE PROVIDED / INSTALLED.

ENLARGED TYPICAL DORM UNIT DIMENSIONED FLOOR PLAN

NORTH

SCALE: 1/4" = 1'-0"
FILE: DORMROOM-DIM



Sheet A2.1

1. Second Floor Dimensioned Floor Plan, revise the listed 10" dimension at all unit toilet areas exterior wall (at EIFS condition) to read 9 1/8". These are stand alone dimensions only at the unit toilet exterior walls.
2. Second Floor Dimensioned Floor Plan, add graphic reference to the interior tube column at B/22.
3. Second Floor Dimensioned Floor Plan, revise the dimensions 1'-0" and 7 1/8" at the west wall of Upper Rangerette Seating 203 to read 8" and 11 1/8".
4. Second Floor Dimensioned Floor Plan, revise the dimension 1'-0" at the west wall of Stair 207 to read 8" and 4".

GENERAL DIMENSION FLOOR PLAN NOTES:

1. DIMENSION LINES TO OBJECT SURFACE SHOWN BROKEN AS DIAGONAL LINES.
2. DIMENSION LINES TO WALL AND / OR EQUIPMENT CENTERLINES BROKEN AS DOTTED POINTS.
3. ALL METAL STUDS AND BLOCKS WALLS ARE DIMENSIONED TO FINISHED FACE (NOT STUD FACE) UNLESS OTHERWISE NOTED / DETAILED. EXTERIOR WALLS ARE DIMENSIONED TO FINISHED FACE.
4. OTHER DIMENSIONS ARE AS PER THE INTERIOR ELEVATIONS.
5. REFER TO MEP FOR ADDITIONAL DIMENSIONAL INFORMATION.
6. DOOR FRAMES NOT DIMENSIONALLY LOCATED SHALL EITHER BE BUTTING AN ADJACENT WALL OR 4" FROM AN ADJACENT WALL AS GRAPHICALLY INDICATED.
7. ALL INTERIOR METAL STUDS SHALL BE 3 5/8" UNLESS NOTED OTHERWISE.
8. MECHANICAL UNITS SHALL BE LOCATED AS PER MEP.
9. ALL EXTERIOR WALLS SHALL BE 1'-0" UNLESS OTHERWISE NOTED / DETAILED (RE: NOTE 3 ABOVE).
10. REFER TO PLAN DETAILS KEYED ON NOTED FLOOR PLANS FOR ADDITIONAL DIMENSIONAL INFORMATION.
11. REFER TO BUILDING SECTION AND SECTION DETAILS FOR ADDITIONAL DIMENSIONAL INFORMATION.
12. REFER TO STRUCTURE FOR ADDITIONAL DIMENSIONAL INFORMATION.
13. REFER TO THE NOTED FLOOR PLANS FOR ADDITIONAL FLOOR PLAN INFORMATION.
14. EXTERIOR MASONRY IS DIMENSIONED TO THE MAJORITY FACE BRICK LINE.
15. REFER TO THE NOTED FLOOR PLANS AND SITE PLAN FOR SITE DIMENSION INFORMATION.
16. ALL DIMENSIONS ARE NOMINAL FACE DIMENSIONS UNLESS OTHERWISE NOTED/DETAILED.
17. ELECTRICAL EQUIPMENT SHALL BE LOCATED AS PER MEP.
18. MECHANICAL EQUIPMENT SHALL BE LOCATED AS PER MEP.

SECOND FLOOR DIMENSIONED FLOOR PLAN

NORTH

SCALE: 1/8" = 1'-0"
FILE: FLR1

REGISTERED ARCHITECT — BRICE J. DAVIS — June 14, 2005 — STATE OF TEXAS

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 •PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 •Fax 903.753.7317
Email: TDA@T-DArchitects.com
www.T-DArchitects.com

MEP ENGINEER
EMA
www.estesmc.com
Estes, McClure & Associates, Inc.
Engineering & Consulting
3608 West Way
Tyler, Texas 75703
phone: 903-581-2677 fax: 903-581-2721

STRUCTURAL ENGINEER
UBSE
UNIFIED BUILDING SCIENCES & ENGINEERING, INC.
405 International Parkway, Suite 209
Richardson, Texas 75081
Phone 972.783.8683 Fax 972.783.8684
Email: Cadd2@UBSE.com
www.UBSE.com

KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE

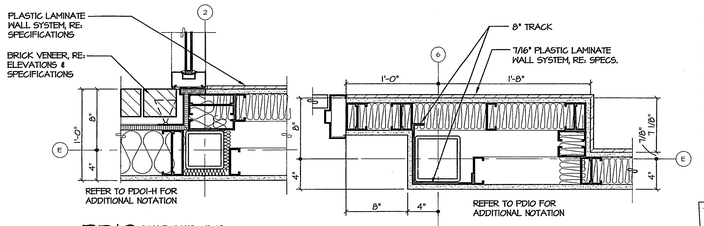
Kilgore, Texas

FILE NAME: 0421A2-1

PROJECT NUMBER: 0421

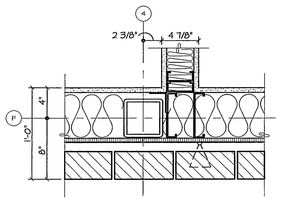
SHEET CONTENTS:
SECOND FLOOR DIMENSIONED PLAN
PLAN DETAILS

A 2.1



PD12 SCALE: 1 1/2" = 1'-0" FILE: PD12

PD13 SCALE: 1 1/2" = 1'-0" FILE: PD13



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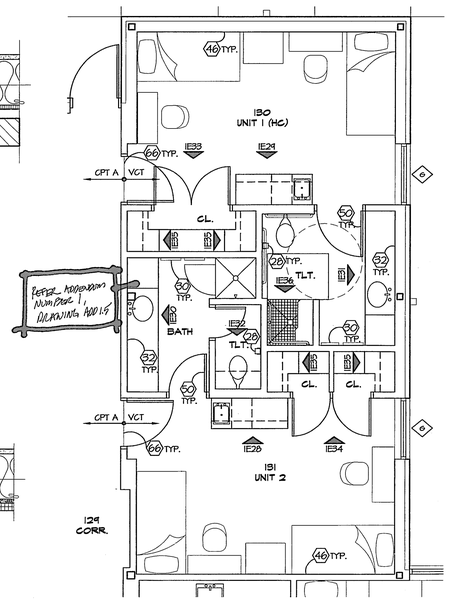
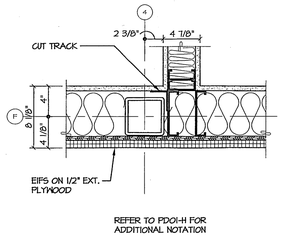




PD14-H SCALE: 1 1/2" = 1'-0" FILE: PD14-H

ENLARGED TYPICAL DORM UNIT ENLARGED FLOOR PLAN

SCALE: 1/4" = 1'-0"
FILE: ENLAR-FLRI

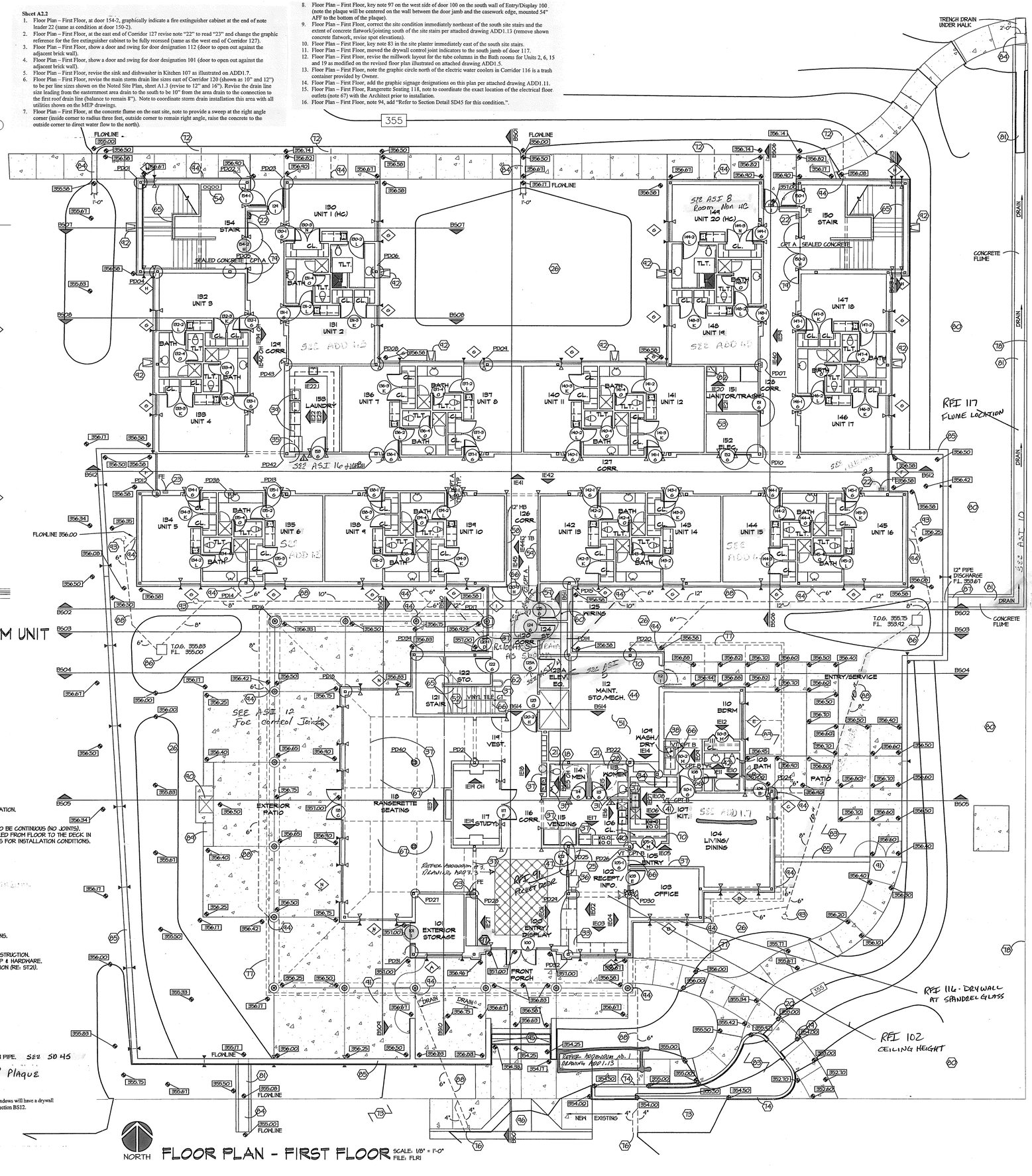
GENERAL FLOOR PLAN NOTES:

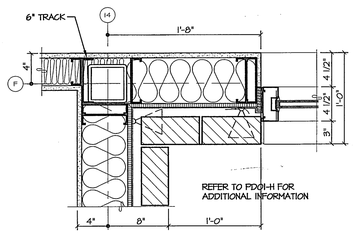
(NOTES KEYED ON PLAN IN HEXAGONS AS REQUIRED.)

1. REFER TO SITE PLAN FOR ADDITIONAL INFORMATION.
2. REFER TO INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION.
3. REFER TO MEP AND STRUCTURAL FOR ADDITIONAL INFORMATION.
4. REFER TO WALL SECTIONS AND PLAN DETAILS FOR ADDITIONAL INFORMATION.
5. COORDINATE PARTITION TYPES WITH CONDITIONS DETAILED.
6. REFER TO REFLECTED CEILING PLAN FOR RATED PARTITION LOCATIONS.
7. REFER TO DIMENSIONAL FLOOR PLAN FOR BUILDING DIMENSIONS.
8. REFER TO ROOM FINISH SCHEDULE FOR ADDITIONAL SPECIFIC INFORMATION.
9. REFER TO SITE PLAN, ROOF PLAN AND BUILDING ELEVATIONS / SECTIONS FOR ELEVATIONS.
10. ALL RATED PARTITIONS SHALL EXTEND TO THE ROOF/FLOOR DECK IN THE SAME SECTION AS BELOW CEILING UNO. ALL NON-RATED PARTITIONS WILL EXTEND TO ROOF/FLOOR DECK WITH ONE LAYER GYP. BRD. UNO
11. WINDOW BLINDS ARE INCLUDED FOR ALL WINDOWS AS NOTED ON THE WINDOW FRAME TYPES.
12. COORDINATE TYPICAL NOTATION THIS SHEET WITH ALL DRAWINGS.
13. DETAILS SHOWN ARE INDICATIVE OF CONDITIONS NOT DETAILED.
14. SPOT ELEVATIONS SHOWN ARE ACTUAL - NOT REFERENCES.
15. REFER TO SHEET I1.0 FOR GRAPHIC SYMBOLS, MATERIAL INDICATIONS, DETAIL REFERENCE, ALTERNATE BID DESCRIPTION AND ABBREVIATIONS.
16. REFER TO SHEET I.11 FOR INTERIOR GRAPHIC SIGNAGE AND HANDICAP MOUNTING INFORMATION.
17. REFER TO MEP FOR EQUIPMENT LOCATED THIS SPACE.
18. COORDINATE ALL CONSTRUCTION WITH OWNER PROVIDED/INSTALLED ITEMS.
19. SITE CONCRETE FLATWORK EXPANSION JOINT AS DETAILED. (ST01)
20. SITE CONCRETE FLATWORK CONTROL JOINT AS DETAILED. (ST02/03)
21. TOILET GRAB BARS AS SPECIFIED.
22. SEMI RECESSED FIRE EXTINGUISHER CABINETS AS SPECIFIED.
23. RECESSED FIRE EXTINGUISHERS CABINET AS SPECIFIED.
24. PLAN DETAILS KEYED ARE FOR SPECIFIC CONDITIONS - COORDINATE THESE FOR TYPICAL INSTALLATION DIRECTIONS. FOR ALL CONDITIONS (WHETHER SHOWN OR NOT).
25. FIRE ALARM PANEL RECESSED IN WALL (RE: MEP).
26. LAWN - PREPARE FOR OWNER PLANTING AS SPECIFIED.
27. GYP. BD. WINDOW SILLS AS DETAILED IN ALL SILL CONDITIONS.
28. TOILET PAPER DISPENSERS RE: SPECS.
29. PAPER TOWEL DISPENSERS
30. TOWEL RACKS AS SPECIFIED.
31. MIRROR BY OWNER. CONTRACTOR TO INSTALL, PROVIDE REQUIRED BLOCKING.
32. MIRROR AS SPECIFIED RE: INTERIOR ELEVATIONS.
33. SECURITY EQUIPMENT MOUNTED IN CASEWORK THIS AREA.
34. REFRIGERATOR RE: SPECS.
35. ICE MACHINE RE: SPECS.
36. COPIERS BY OWNER.
37. DASHED LINE OF FURRING ABOVE RE: REFLECTED CEILING PLAN.
38. WASHER AND DRYER BY OWNER.
39. COIN OPERATED WASHER & DRYER BY OWNER.
40. VENDING CASEWORK AS SPECIFIED. ALL CASEWORK IN VENDING TO BE LOCKABLE.
41. KITCHEN CASEWORK AS SPECIFIED.
42. BATHROOM CASEWORK AS SPECIFIED.
43. LOW PARTITION GYP. BOARD WALL TOP TO BE GYP. BOARD.
44. FLOOR DRAINS - GIF SLABFLOOR AT DRAIN (MECHANICAL SPACES ONLY).
45. REFER TO MEP FOR ALL FLOOR DRAINS. SLOPE FLOOR AS SHOWN FROM ROOM WALLS TO DRAIN NOT EXCEED 1' FALL IN ANY DIRECTION (1/2% SLOPE MAX). WHERE SHOWN CUPPED ONLY AT DRAIN, LOWER DRAIN 1/2" AND FEATHER THE CONCRETE BACK AT A 16" RADIUS. WHERE SHOWN WITHOUT SLOPE, INSTALL LEVEL WITH FINISH FLOOR ONLY.
46. ACOUSTICAL WALLCOVERING THIS ENTIRE WALL BID AS ALTERNATE. TYPICAL ALL UNITS.
47. LOW PARTITION AT STAIR TO SLOPE WITH STAIR (48" ABOVE LEADING EDGE OF TREAD).
48. ALL LANDSCAPING BY OWNER.
49. SITE IRRIGATION BY OWNER.
50. PULL LENGTH MIRROR ATTACH TO DOOR PER MANUFACTURERS REQUIREMENTS. RE: SPECS. TYPICAL ALL UNITS. MIRROR TO FACE INTO THE UNITS.
51. REFER MEP FOR EQUIPMENT THIS SPACE.
52. SLOPED DRYWALL ABOVE (RE: BUILDING SECTION).
53. REFER MEP FOR ELECTRICAL EQUIPMENT THIS SPACE.
54. MECHANICAL PIPING ENTERING BUILDING - FURR AROUND.
55. MECHANICAL PIPING TO SECOND FLOOR - FURR AROUND.
56. SHELVE BELOW AS DETAILED.
57. REFER MEP FOR WIRING ROOM ACCESS/EQUIPMENT COORDINATION.
58. MARKER BOARDS AS SPECIFIED.
59. TACK BOARDS AS SPECIFIED.
60. SLEEVE GRADE BEAM AT STORM DRAIN. PIPE UNDER SLAB TO BE CONTINUOUS (NO JOINTS).
61. SOUND ATTENUATION INSULATION IN PARTITION TO BE INSTALLED FROM FLOOR TO THE DECK IN ALL PARTITION VOIDS RE: TO THE REFLECTED CEILING PLANS FOR INSTALLATION CONDITIONS.
62. PROVIDE LOW PARTITION SUPPORT RE: STRUCTURE.
63. MECHANICAL DUCTS RE: MEP.
64. OUTLINE OF BUILDING UNDER ROOF (RE: FIRST FLOOR).
65. HANDRAILS AT INTERIOR STAIR WITH WALL BRACKETS AS SPECIFIED ON 5'-0" OC.
66. FLOOR COLOR / PATTERN / MATERIAL TRANSITION.
67. ELECTRICAL FLOOR OUTLETS (RE: MEP).
68. MEDIA SYSTEM EQUIPMENT LOCATED THIS AREA.
69. ROOF BELOW.
70. ELECTRICAL PANEL MOUNTED ON WALL RE:MEP.
71. AREA OF REFUGE.
72. TERMINATE STORM DRAIN PIPE AT GRADE SIMILAR TO ST16.
73. EXISTING SIDEWALK - NO WORK.
74. CONCRETE 6" CURB AT PLANTER (6" TALL AS DETAILED).
75. BOUNDARY LIMITS OFF CONSTRUCTION ACCESS RE: SITE PLANS.
76. TERMINATE STORM DRAIN AT CURB AS DETAILED.
77. BUILDING OVERHANG ABOVE.
78. EXISTING MASONRY SITE WALL (LOW) - PROTECT DURING CONSTRUCTION.
79. ELECTROMAGNETIC DEVICES THAT HOLD OPEN DOOR RE: MEP & HARDWARE.
80. EXISTING TREES TO REMAIN - PROTECT DURING CONSTRUCTION (RE: ST21).
81. CONCRETE VALLEY GUTTER AS DETAILED.
82. PROVIDE FRP PANELS AT MOP SINKS AS SPECIFIED.
83. PLANTER - PROVIDE 12" TOPSOIL.
84. TROUGH DRAIN UNDER SIDEWALK AS DETAILED.
85. MASONRY SITE WALLS AS DETAILED.
86. AREA DRAIN AS DETAILED (ST24).
87. PIPE TO EXTEND 2" FROM WALL AT TERMINATION.
88. STORM DRAIN PIPING IN SIZES AS LISTED.
89. MASONRY LOOKING CENTER AS DETAILED.
90. EXTERIOR BUILT-IN GRILLE AS SPECIFIED.
91. ORNAMENTAL FENCE GATES AS SPECIFIED.
92. SPLASH BLOCKS AT DOWNSPOUTS (ST08).
93. STORM DRAIN CLEANOUT.
94. TERMINATE DOWNSPOUT AT FINISH GRADE INTO STORM DRAIN PIPE. SEE SD 45
95. HANDRAILS AND MOUNTING BRACKETS (EXTERIOR).
96. HANDICAP CURB RAMP (RE: ST10).
97. BUILDING PLAQUE. 54" AFF To Bottom of Plaque

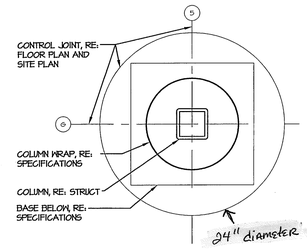
Sheet A2.2

1. First Floor Plan, note that all low spandrel glass installed in aluminum storefront windows will have a drywall partition installed in front of it with batt insulation the same as shown in Building Section BS12.
8. Floor Plan – First Floor, key note 97 on the west side of door 100 on the south wall of Entry/Display 100 (note the plaque will be centered on the wall between the door jamb and the casework edge, mounted 54" AFF to the bottom of the plaque).
9. Floor Plan – First Floor, correct the site condition immediately northeast of the south site stairs and the extent of concrete flatwork/jointing south of the site stairs per attached drawing ADD1.13 (remove shown concrete flatwork, revise spot elevations).
10. Floor Plan – First Floor, key note 83 in the site planter immediately east of the south site stairs.
11. Floor Plan – First Floor, moved the drywall control joint indicators to the south jamb of door 117.
12. Floor Plan – First Floor, revise the millwork layout for the tube columns in the Bath rooms for Units 2, 6, 15 and 19 as modified on the revised floor plan illustrated on attached drawing ADD1.5.
13. Floor Plan – First Floor, note the graphic circle north of the electric water coolers in Corridor 116 is a trash container provided by Owner.
14. Floor Plan – First Floor, add the graphic signage designations on this plan per attached drawing ADD1.11.
15. Floor Plan – First Floor, Rangerette Seating 118, note to coordinate the exact location of the electrical floor outlets (note 67) with the Architect prior to installation.
16. Floor Plan – First Floor, note 94, add "Refer to Section Detail SD45 for this condition.".


355
TRENCH DRAIN UNDER WALK
FLOWLINE 356.00
130 UNIT 1 (HC)
154 STAIR
132 UNIT 3
131 UNIT 2
129 CORR.
158 LAUNDRY
133 UNIT 4
134 UNIT 5
135 UNIT 6
136 UNIT 7
137 UNIT 8
138 UNIT 9
139 UNIT 10
140 UNIT 11
141 UNIT 12
142 UNIT 13
143 UNIT 14
144 UNIT 15
145 UNIT 16
146 UNIT 17
147 UNIT 18
148 UNIT 19
149 UNIT 20 (HC)
150 STAIR
151 JANITOR/TRASH
152 ELEC.
127 CORR.
126 CORR.
125 WIRING
124 CORR.
122 STO.
121 STAIR
120A ELEV. EQ.
12 MAINT. STO./MECH.
109 WASH./ DRY
110 BERM
111 VEST.
114 MEN
115 WOMEN
108 BATH
106 CL.
107 KIT.
104 LIVING/ DINING
105 ENTRY
102 RECEPT./ INFO.
103 OFFICE
100 ENTRY/ DISPLAY
101 EXTERIOR STORAGE
FRONT PORCH
ENTRY/SERVICE
PATIO
118 RANGERETTE SEATING
117 STUDY
116 CORR.
115 VENDING
112 MEN
113 WOMEN
EXTERIOR PATIO
SEALED CONCRETE CPT A
CPT A SEALED CONCRETE
CONCRETE FLUME
DRAIN
12" PIPE DISCHARGE F.L. 353.61
T.O.G. 355.75 F.L. 353.42
T.O.G. 355.83 F.L. 355.00
SEE ASI 8 Room Nos. HC
SEE ADD 1.5
SEE ASI 16 (HC)
SEE ASI 12 For control Joints
SEE ADD 1.7
SEE ADD 1.2
SEE ADD 1.3
SEE ADD 1.4
SEE ADD 1.6
SEE ADD 1.8
SEE ADD 1.9
SEE ADD 1.10
SEE ADD 1.11
SEE ADD 1.12
SEE ADD 1.13
SEE ADD 1.14
SEE ADD 1.15
SEE ADD 1.16
SEE ADD 1.17
SEE ADD 1.18
SEE ADD 1.19
SEE ADD 1.20
SEE ADD 1.21
SEE ADD 1.22
SEE ADD



PD15 SCALE: 1 1/2" = 1'-0" FILE: PD15



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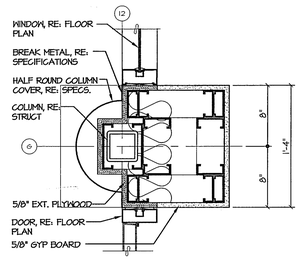

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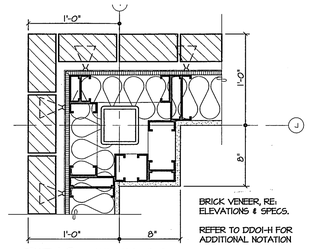

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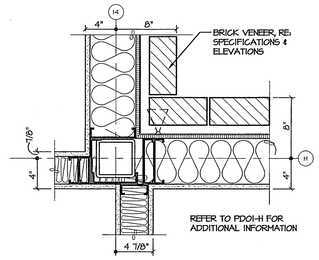

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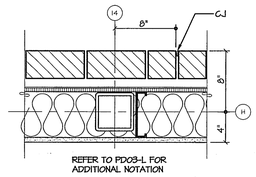
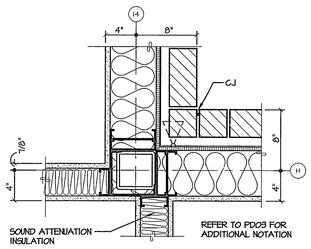
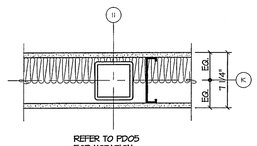


PD20-L SCALE: 1 1/2" = 1'-0" FILE: PD20-L



PD20-H SCALE: 1 1/2" = 1'-0" FILE: PD20-H



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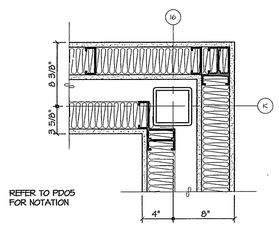

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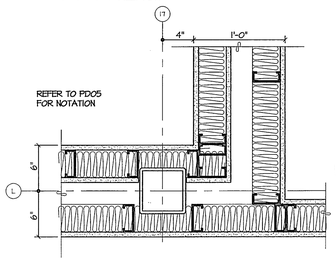

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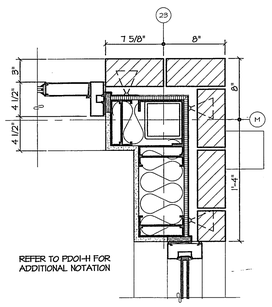

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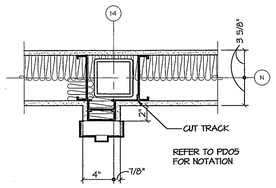

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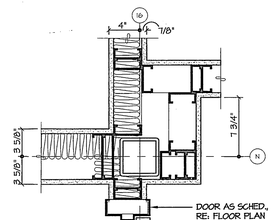

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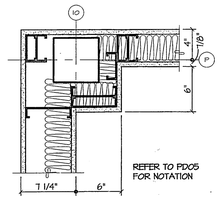

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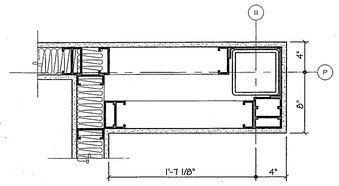

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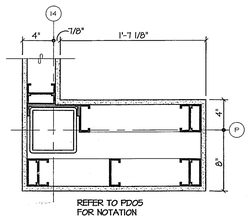

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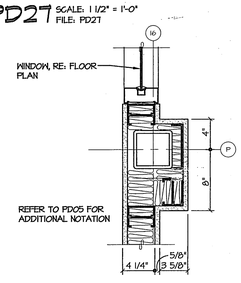

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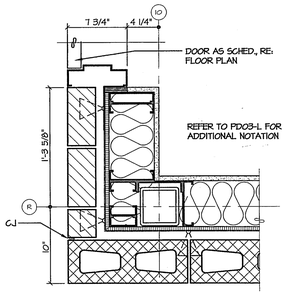

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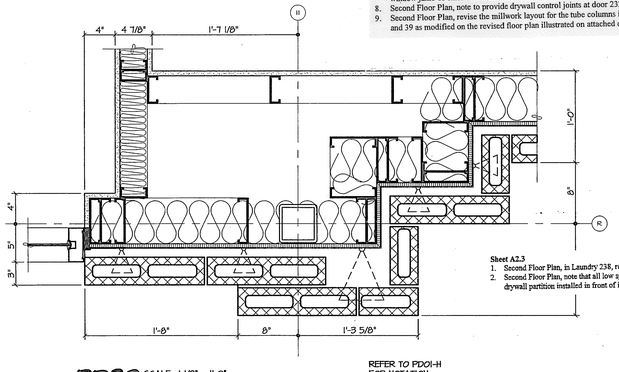


PD32 SCALE: 1 1/2" = 1'-0" FILE: PD32

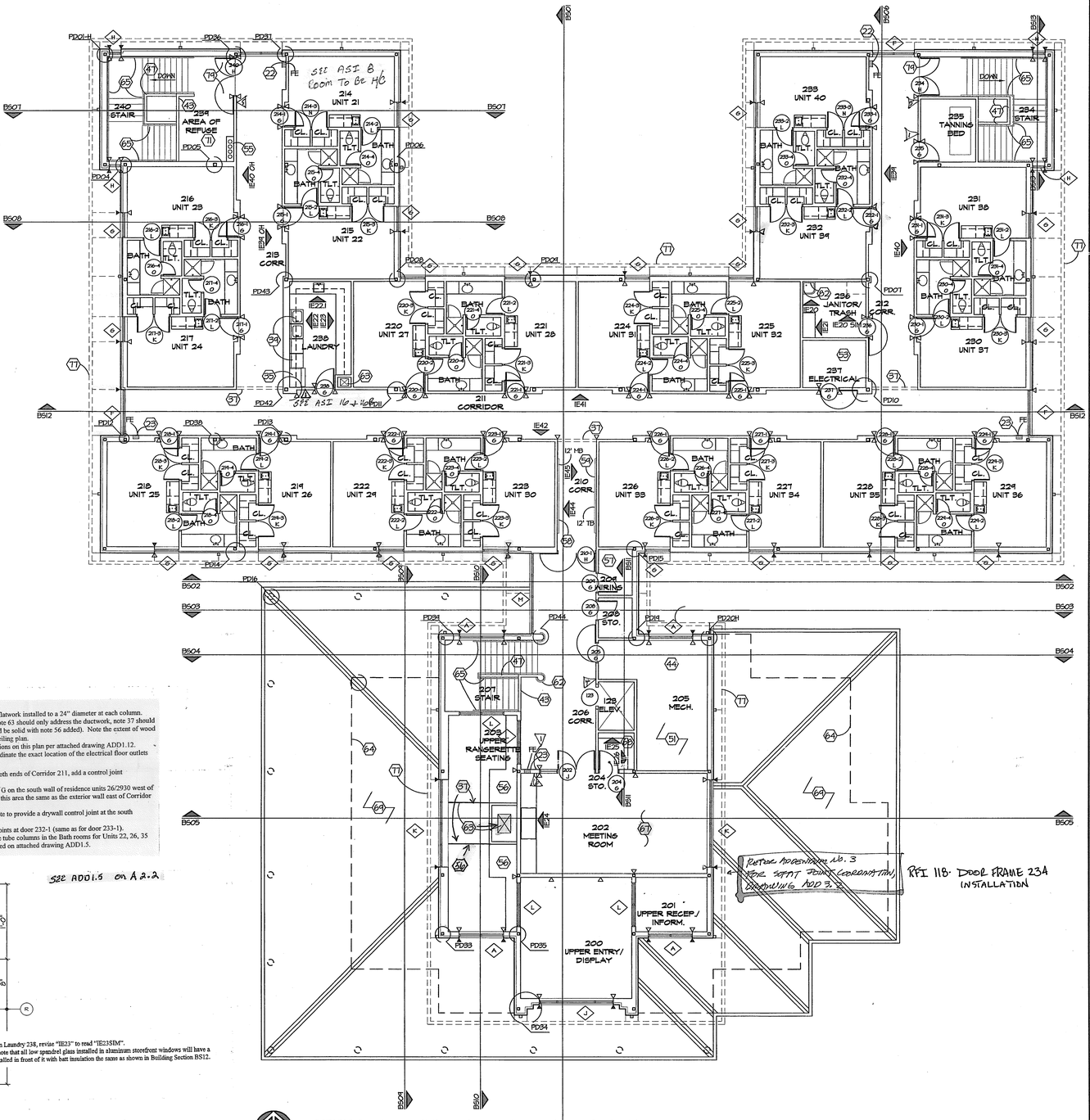
Sheet A2.3

1. Plan Detail PD16, note the circle shown is concrete flatwork installed to a 24" diameter at each column.
2. Second Floor Plan, upper Rangerette Seating 203, note 63 should only address the ductwork, note 37 should point to both sides of the furring line (this line should be solid with note 56 added). Note the extent of wood molding in this space is addressed on the reflected ceiling plan.
3. Second Floor Plan, add the graphic signage designations on this plan per attached drawing ADD1.12.
4. Second Floor Plan, Meeting Room 202, note to coordinate the exact location of the electrical floor outlets (note 67) with the Architect prior to installation.
5. Second Floor Plan, south jamb of window unit F at both ends of Corridor 211, add a control joint designation to the exterior brick at the south jamb.
6. Second Floor Plan, exterior wall at exterior windows G on the south wall of residence units 26/2930 west of Corridor 206, note to provide masonry control joints this area the same as the exterior wall east of Corridor 206 for residence units 33/34/35.
7. Second Floor Plan, Residence Unit 39, room 232, note to provide a drywall control joint at the south window jamb of exterior window unit G.
8. Second Floor Plan, note to provide drywall control joints at door 232-1 (same as for door 233-1).
9. Second Floor Plan, revise the millwork layout for the tube columns in the Bath rooms for Units 22, 26, 35 and 39 as modified on the revised floor plan illustrated on attached drawing ADD1.5.

SEE ADD1.5 on A2.2

Sheet A2.3

1. Second Floor Plan, in Laundry 238, revise "IE23" to read "IE23SIM".
2. Second Floor Plan, note that all low spandrel glass installed in aluminum storefront windows will have a drywall partition installed in front of it with batt insulation the same as shown in Building Section BS12.



NORTH

REFER TO SHEET A2.2 FOR NOTATION
SECOND FLOOR PLAN SCALE: 1/8" = 1'-0" FILE: FLR2

REGISTERED ARCHITECT BRICE J. DAVIS STATE OF TEXAS
BRICE J. DAVIS
June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 •PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 •Fax 903.753.7317
Email: TDA@T-DArchitects.com
www.T-DArchitects.com

MEP ENGINEER
EMA
www.estesmcclure.com
Estes McClure & Associates, Inc.
Engineering & Consulting
3608 West Way
Tyler, Texas 75703
phone: 903-581-2677 fax: 903-581-2721

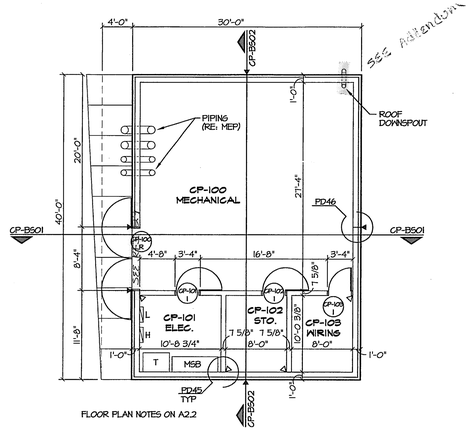
STRUCTURAL ENGINEER
UBSE
UNIFIED BUILDING SCIENCES & ENGINEERING, INC.
405 International Parkway, Suite 209
Richardson, Texas 75081
Phone 972.783.8683 •Fax 972.783.8684
Email: Cadd2@UBSE.com
www.UBSE.com

KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE
Kilgore, Texas

FILE NAME: 0421A2-3
PROJECT NUMBER: 0421
SHEET CONTENTS: NOTED PLAN SECOND FLOOR PLAN DETAILS

A 2.3

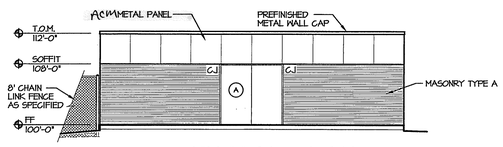


FLOOR PLAN NOTES ON A2.2

NORTH

CENTRAL PLANT FLOOR PLAN

SCALE: 1/8" = 1'-0"
FILE: FLR1-CP



CENTRAL PLANT WEST ELEVATION

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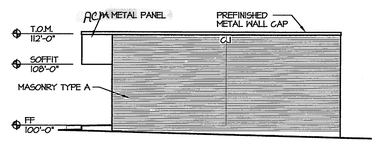
FILE: ELEV-W-CP



CENTRAL PLANT SOUTH ELEVATION

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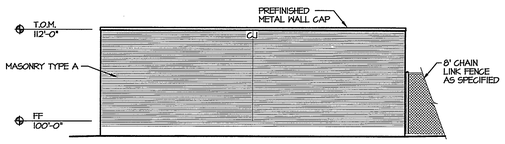
FILE: ELEV-S-CP



CENTRAL PLANT EAST ELEVATION

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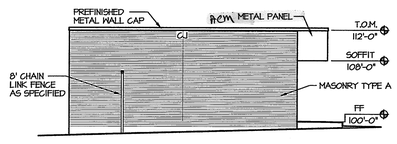

CENTRAL PLANT NORTH ELEVATION

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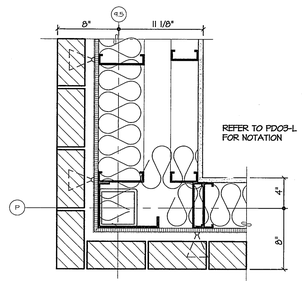

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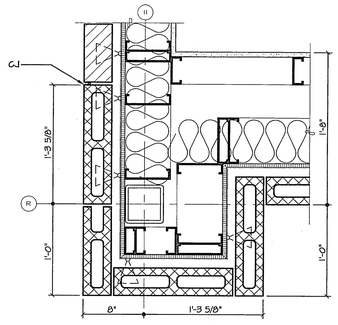

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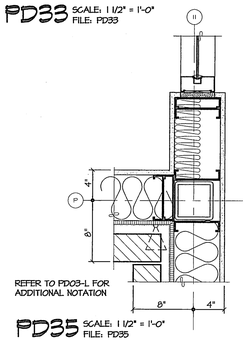
REFER TO PD01-H FOR ADDITIONAL NOTATION



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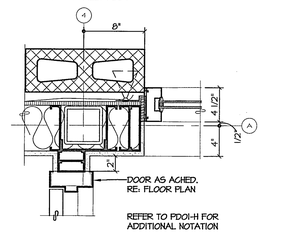

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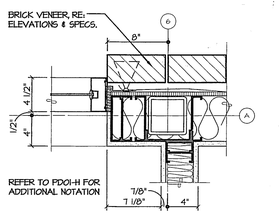

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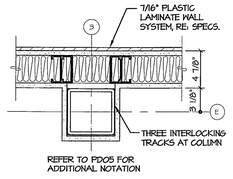

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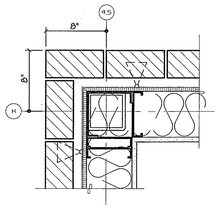
SEE ADD 1-6



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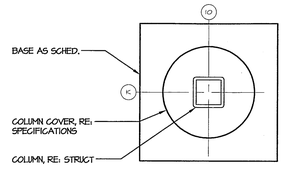

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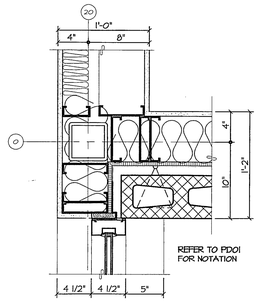
SEE ADDENDUM



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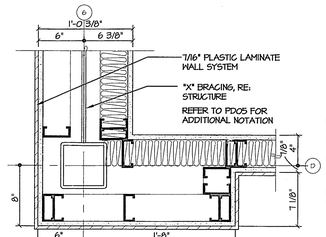

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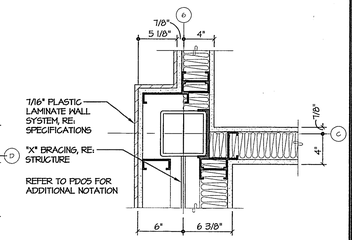

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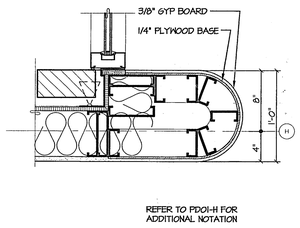

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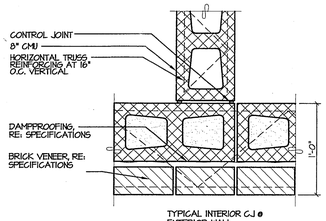

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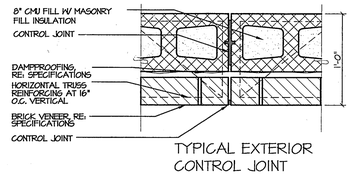
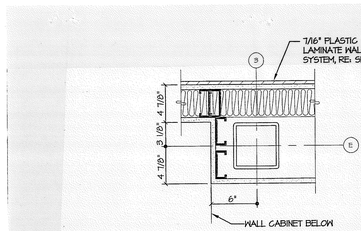


PD46 SCALE: 1 1/2" = 1'-0"
FILE: PD46

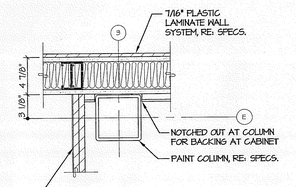
Sheet A2.4

1. Central Plant Floor Plan, note to extend through wall roof downspout out of building and down wall to terminate 12" above finish grade (concrete paving). Paint piping to match brick. Note no interior finishes on walls or exposed structure (no base, not wall painting, not ceiling painting) – the floor will be sealed concrete. Note that painting of the hollow metal doors area required as is painting of mechanical piping (refer MEP).
2. Central Plant West Elevation, coordinate door location with floor plan, revise note "Metal Panel" to read "ACM Metal Panel".
3. Central Plant South Elevation, revise note "Metal Panel" to read "ACM Metal Panel".
4. Central Plant North Elevation, revise note "Metal Panel" to read "ACM Metal Panel".
5. Plan Detail PD38, revise per PD38 H/L as included in attached drawing ADD1.6.
6. Plan Detail PD40, note the referenced base is the base of the column cover only.



REFER TO PD05 FOR ADDITIONAL NOTATION

PD38-H SCALE: 1 1/2" = 1'-0"
FILE: PD38



REFER TO PD05 FOR ADDITIONAL NOTATION

PD38-L SCALE: 1 1/2" = 1'-0"
FILE: PD38

ADD 1.6
JUNE 30, 2005

PROJECT 0421
GUSSIE NELL DAVIS RANGERETTE RESIDENCE
KILGORE COLLEGE
KILGORE, TEXAS

ADD1.6.DWG
SCALE: 1 1/2" = 1'-0"
THACKER | DAVIS ARCHITECTS INCORPORATED
LONGVIEW, TEXAS

REGISTERED ARCHITECT BRICE J. DAVIS 19673 STATE OF TEXAS

BRICE J. DAVIS
June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 •PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 •Fax 903.753.7317
Email: T.D.A@T-DArchitects.com
www.T-DArchitects.com

MEP ENGINEER
EMA
www.estesmcclure.com
Estes, McClure & Associates, Inc.
Engineering & Consulting
3505 West Way
Tyler, Texas 75703
phone: 903-581-2677 fax: 903-581-2721

STRUCTURAL ENGINEER
UNIFIED BUILDING SCIENCES & ENGINEERING, INC.
405 International Parkway, Suite 209
Richardson, Texas 75081
Phone 972.783.8683 •Fax 972.783.8684
Email: Cadd2@UBSE.com
www.UBSE.com

KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE

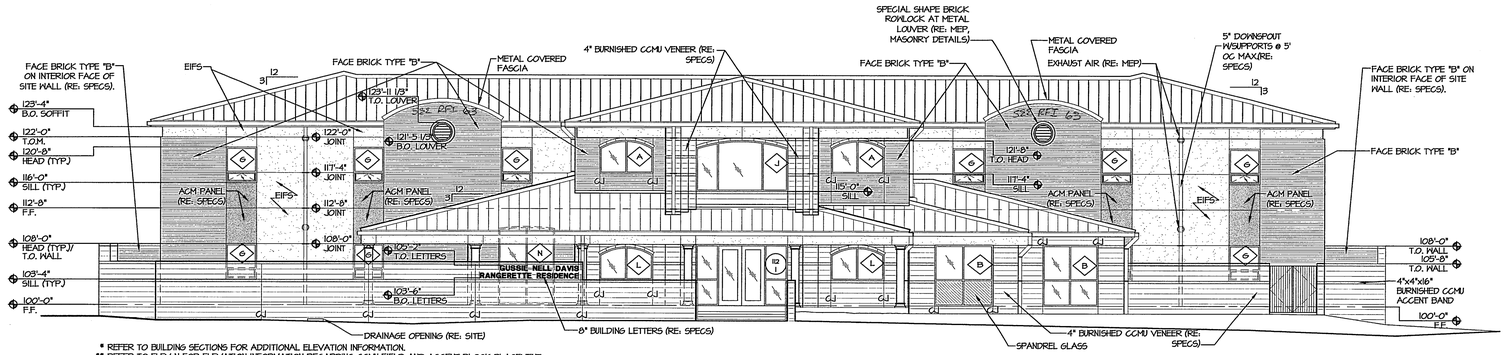
Kilgore, Texas

FILE NAME:
0421A2-4

PROJECT NUMBER:
0421

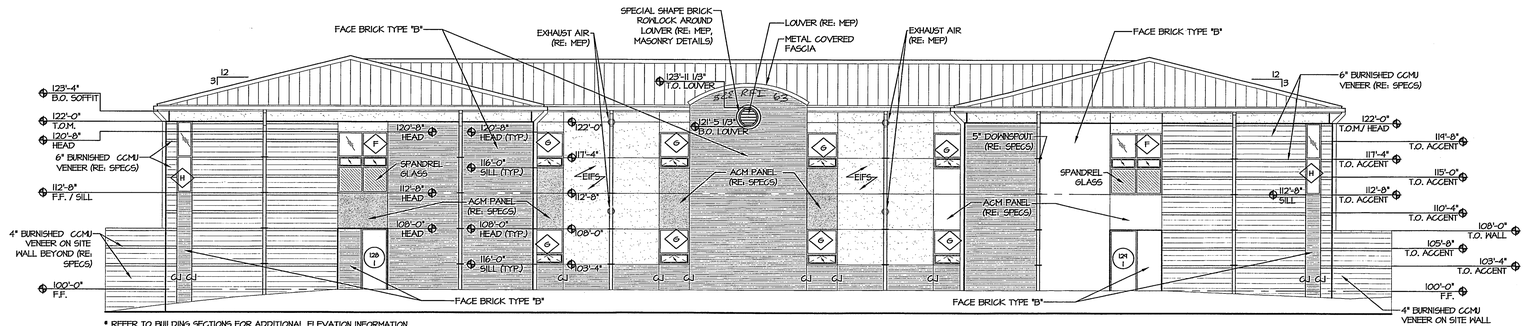
SHEET CONTENTS:
FIRST FLOOR
DIMENSIONED PLAN
PLAN DETAILS

A
2.4



* REFER TO BUILDING SECTIONS FOR ADDITIONAL ELEVATION INFORMATION.
** REFER TO ELEV-N FOR ELEVATION INFORMATION REGARDING CCMU FIELD AND ACCENT BLOCK PLACEMENT.

SOUTH ELEVATION
SCALE: 1/8" = 1'-0"
FILE: ELEV-S



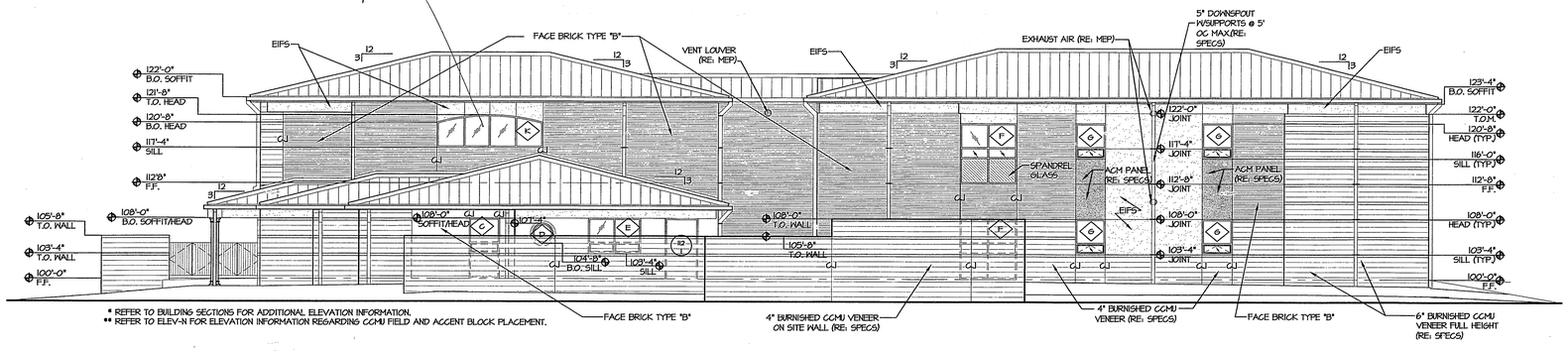
* REFER TO BUILDING SECTIONS FOR ADDITIONAL ELEVATION INFORMATION.

NORTH ELEVATION
SCALE: 1/8" = 1'-0"
FILE: ELEV-N

Sheet A3.0

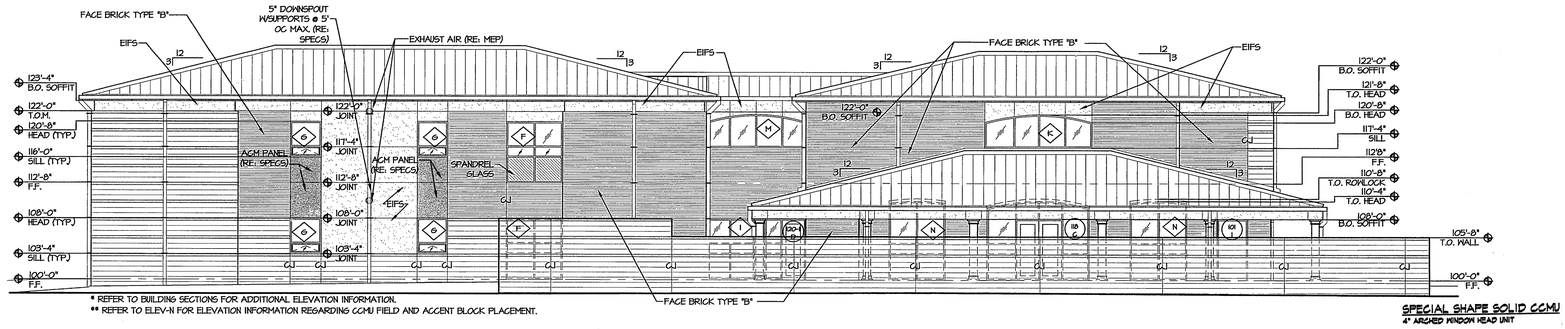
1. Exterior Elevation - South, note the curved roof radius is 14'-0" to the top of the roof panel or 13'-4 ½" to the top of steel.
2. Exterior Elevation - North, note the curved roof radius is 14'-0" to the top of the roof panel or 13'-4 ½" to the the top of steel.
3. Masonry Details, Solid Unit Arched Window Head, delete this detail and replace with the unit included in addendum drawing ADD2.3. Note these units will be installed as header units at/along the arch with the only the exterior face finished.

REFER TO RFI 137 FOR WOOD TRIM



* REFER TO BUILDING SECTIONS FOR ADDITIONAL ELEVATION INFORMATION.
** REFER TO ELEV-N FOR ELEVATION INFORMATION REGARDING CCMU FIELD AND ACCENT BLOCK PLACEMENT.

EAST ELEVATION
SCALE: 1/8" = 1'-0"
FILE: ELEV-E



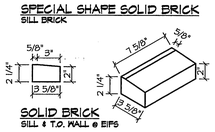
* REFER TO BUILDING SECTIONS FOR ADDITIONAL ELEVATION INFORMATION.
** REFER TO ELEV-N FOR ELEVATION INFORMATION REGARDING CCMU FIELD AND ACCENT BLOCK PLACEMENT.

WEST ELEVATION
SCALE: 1/8" = 1'-0"
FILE: ELEV-W

LEGEND

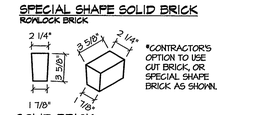
- BURNISHED CCMU FIELD BLOCK
- BURNISHED CCMU ACCENT BLOCK
- FACE BRICK TYPE "B"
- EIFS VENEER
- ALUMINUM COMPOSITE MATERIAL (ACM) PANEL
- STANDING SEAM METAL ROOF
- SPANDREL GLASS

SPECIAL SHAPE SOLID BRICK
SILL BRICK



SOLID BRICK
SILL & T.O. WALL @ EIFS

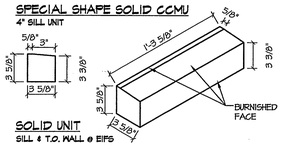
SPECIAL SHAPE SOLID BRICK
ROWLOCK BRICK



*CONTRACTOR'S OPTION TO USE CUT BRICK, OR SPECIAL SHAPE BRICK AS SHOWN.

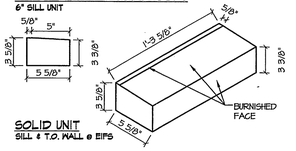
SOLID BRICK
ROWLOCK COURSE @ LOUVERS

SPECIAL SHAPE SOLID CCMU
4" SILL UNIT



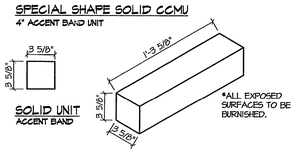
SOLID UNIT
SILL & T.O. WALL @ EIFS

SPECIAL SHAPE SOLID CCMU
6" SILL UNIT



SOLID UNIT
SILL & T.O. WALL @ EIFS

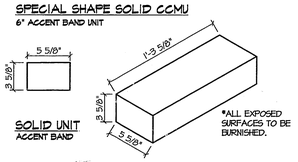
SPECIAL SHAPE SOLID CCMU
4" ACCENT BAND UNIT



SOLID UNIT
ACCENT BAND

*ALL EXPOSED SURFACES TO BE BURNISHED.

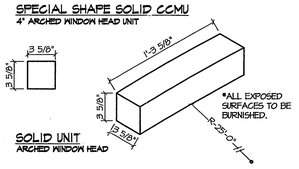
SPECIAL SHAPE SOLID CCMU
6" ACCENT BAND UNIT



SOLID UNIT
ACCENT BAND

*ALL EXPOSED SURFACES TO BE BURNISHED.

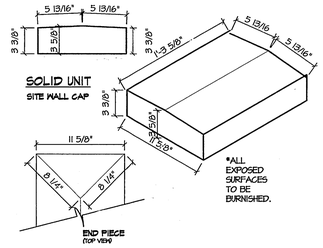
SPECIAL SHAPE SOLID CCMU
4" ARCHED WINDOW HEAD UNIT



SOLID UNIT
ARCHED WINDOW HEAD

*ALL EXPOSED SURFACES TO BE BURNISHED.

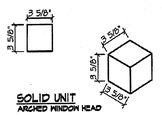
SPECIAL SHAPE SOLID CCMU
11-5/8" SITE WALL CAP



SOLID UNIT
SITE WALL CAP

*ALL EXPOSED SURFACES TO BE BURNISHED.

SPECIAL SHAPE SOLID CCMU
4" ARCHED WINDOW HEAD UNIT



SOLID UNIT
ARCHED WINDOW HEAD

*ALL EXPOSED SURFACES TO BE BURNISHED.

MASONRY DETAILS
SCALE: 1 1/2" = 1'-0"
FILE: BRK-SPEC-SHAPES

REGISTERED ARCHITECT BRICE J. DAVIS 17917 STATE OF TEXAS
BRICE J. DAVIS
June 14, 2005
THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 •PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 •Fax 903.753.7317
Email: TDA@T-DArchitects.com
www.T-DArchitects.com
MEP ENGINEER
EMA
www.estesmcclure.com
Estes, McClure & Associates, Inc.
Engineering & Consulting
3608 West Way
Tyler, Texas 75703
phone: 903-581-2677 fax: 903-581-2721
STRUCTURAL ENGINEER
UNIFIED BUILDING SCIENCES & ENGINEERING, INC.
405 International Parkway, Suite 209
Richardson, Texas 75081
Phone 972.783.8683 •Fax 972.783.8684
Email: Cadd2@UBSE.com
www.UBSE.com

KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE

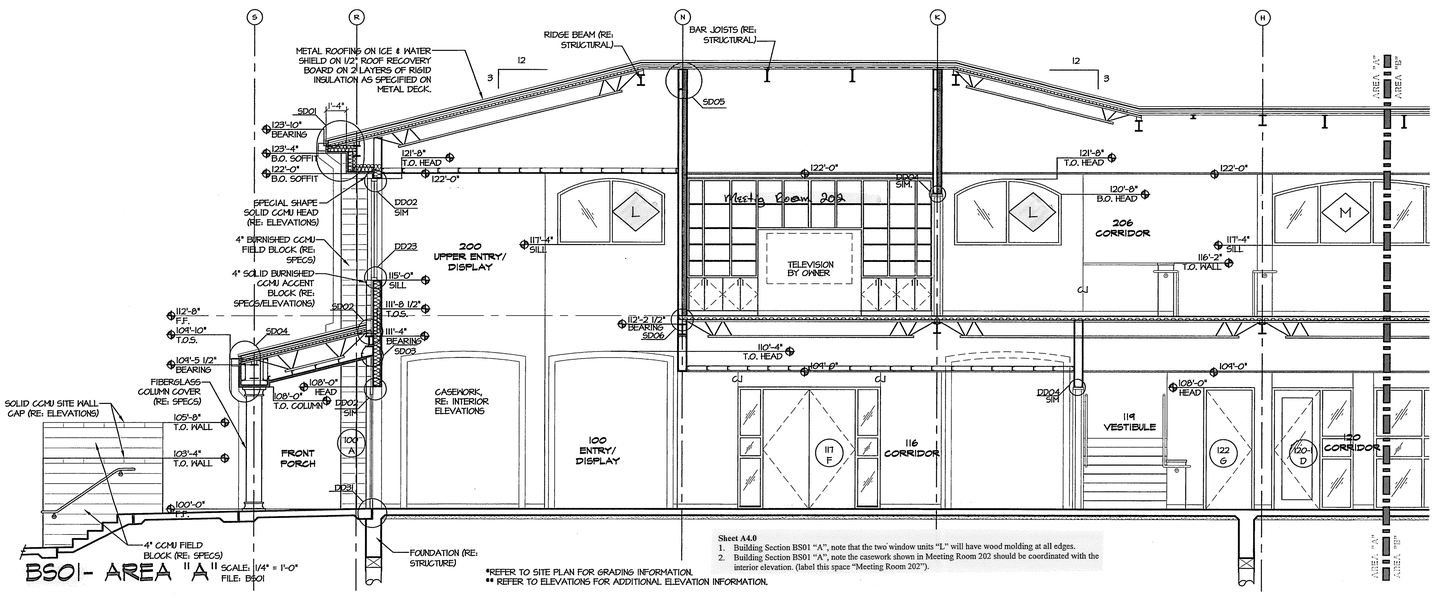
Kilgore, Texas

FILE NAME: 0421A3-0

PROJECT NUMBER: 0421

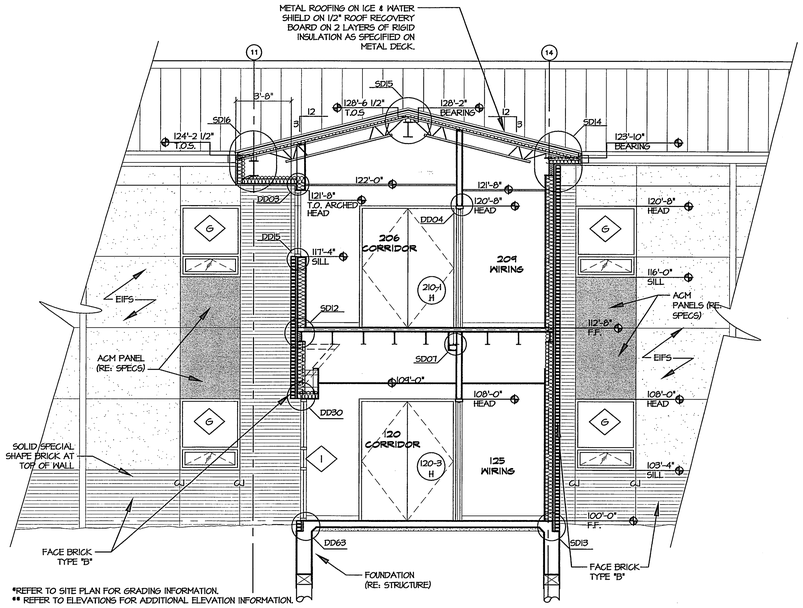
SHEET CONTENTS:
EXTERIOR ELEVATIONS
MASONRY DETAILS

A 3.0

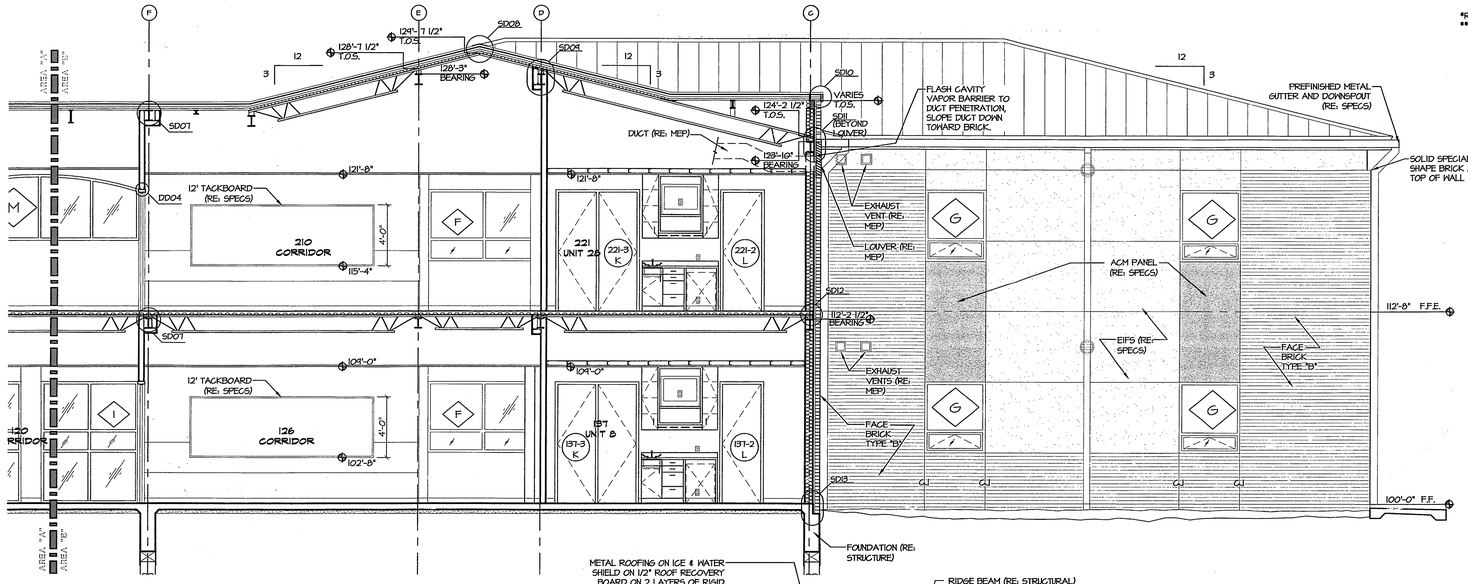


BS01- AREA "A" SCALE: 1/4" = 1'-0" FILE: BS01

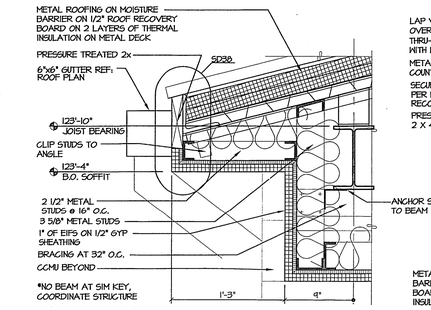
Sheet A4.0
1. Building Section BS01 "A", note that the two window units "L" will have wood molding at all edges.
2. Building Section BS01 "A", note the casework shown in Meeting Room 202 should be coordinated with the interior elevation. (label this space "Meeting Room 202").



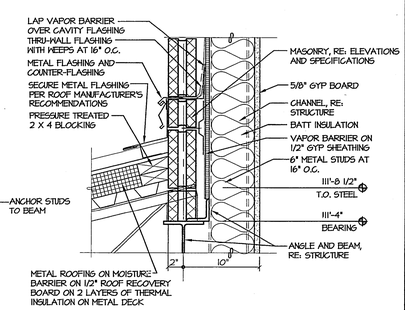
BS02 SCALE: 1/4" = 1'-0" FILE: BS02



BS01- AREA "B" SCALE: 1/4" = 1'-0" FILE: BS01

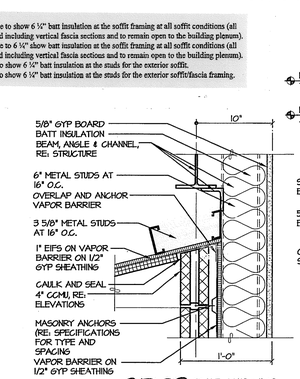


SD01 SCALE: 1 1/2" = 1'-0" FILE: SD01

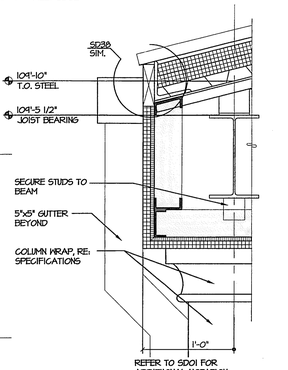


SD02 SCALE: 1 1/2" = 1'-0" FILE: SD02

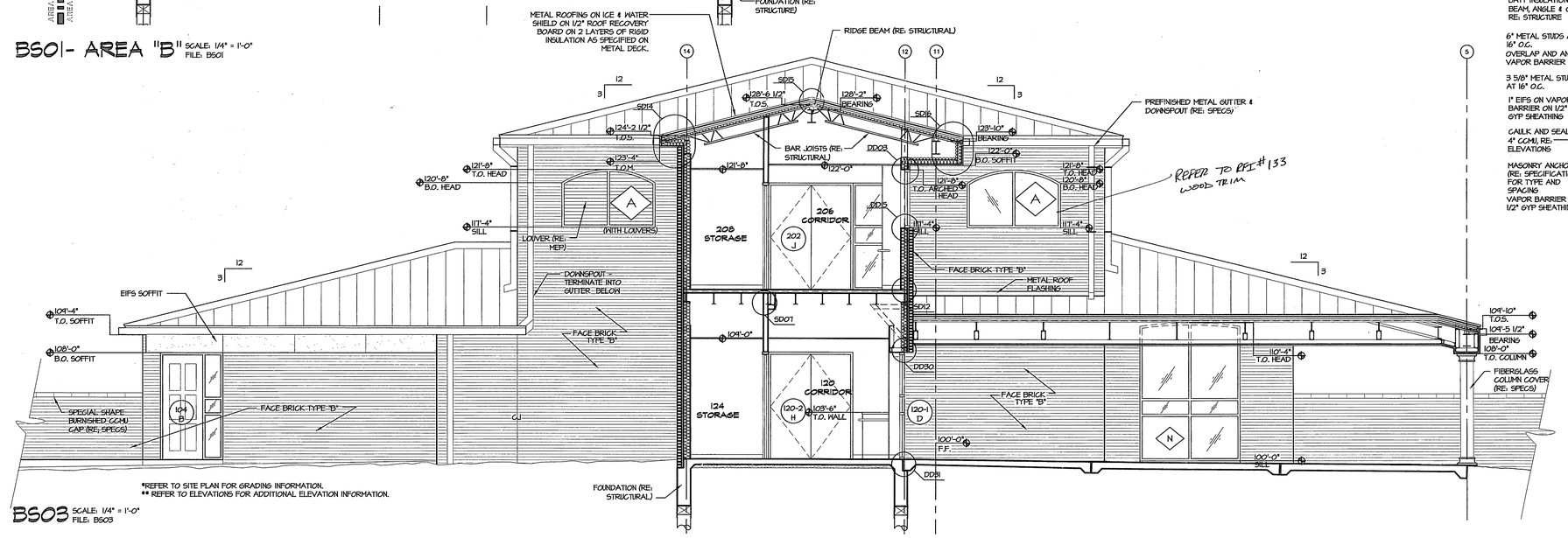
Sheet A4.0
1. Building Section BS01, note to show 6 ¼" batt insulation at the soffit framing at all soffit conditions (all soffits will be fully insulated including vertical fascia sections and to remain open to the building plenum).
2. Building Section BS03, note to 6 ¼" show batt insulation at the soffit framing at all soffit conditions (all soffits will be fully insulated including vertical fascia sections and to remain open to the building plenum).
3. Section Detail SD03, note to show 6 ¼" batt insulation at the studs for the exterior soffit.
4. Section Detail SD04, note to show 6 ¼" batt insulation at the studs for the exterior soffit/fascia framing.



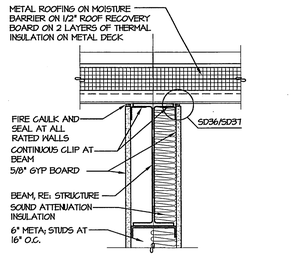
SD03 SCALE: 1 1/2" = 1'-0" FILE: SD03



SD04 SCALE: 1 1/2" = 1'-0" FILE: SD04



BS03 SCALE: 1/4" = 1'-0" FILE: BS03



SD05 SCALE: 1 1/2" = 1'-0" FILE: SD05

REGISTERED ARCHITECT
BRICE J. DAVIS
June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 Fax 903.753.7317
Email: TDA@T-DArchitects.com
www.T-DArchitects.com

MEP ENGINEER
EMA
www.estesmcclure.com
Estes, McClure & Associates, Inc.
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3608 West Way
Tyler, Texas 75703
phone: 903-581-2677 fax: 903-581-2721

STRUCTURAL ENGINEER
UBSE
UNIFIED BUILDING SCIENCES & ENGINEERING, INC.
405 International Parkway, Suite 209
Richardson, Texas 75081
Phone 972.783.8683 Fax 972.783.8684
Email: Cad2@UBSE.com
www.UBSE.com

KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE

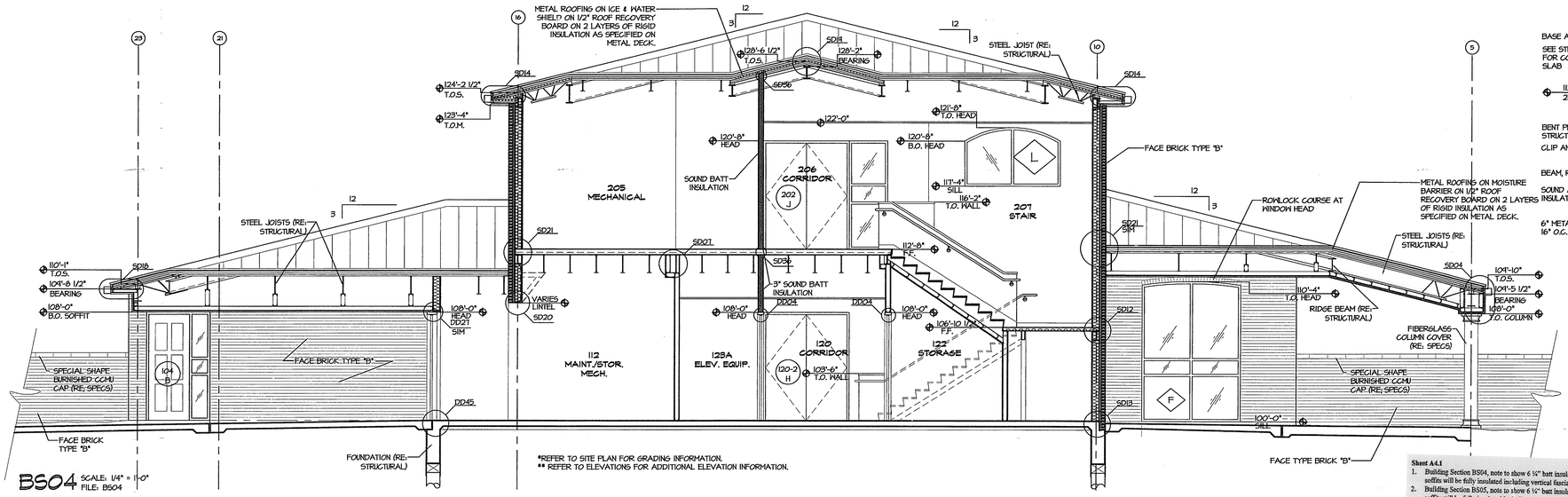
Kilgore, Texas

FILE NAME: 0421A4-0

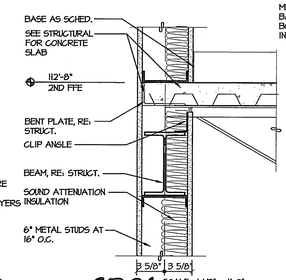
PROJECT NUMBER: 0421

SHEET CONTENTS:
BUILDING SECTIONS
SECTION DETAILS

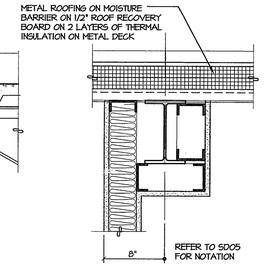
A 4.0



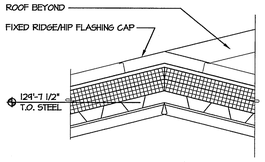
BS04 SCALE: 1/4" = 1'-0" FILE: BS04



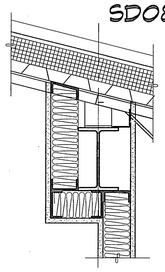
SD06 SCALE: 1 1/2" = 1'-0" FILE: SD06



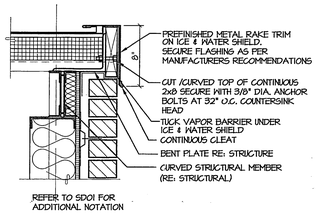
SD07 SCALE: 1 1/2" = 1'-0" FILE: SD07



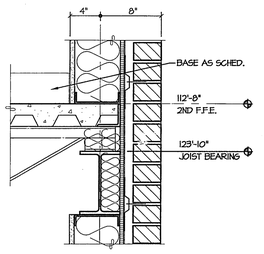
SD08 SCALE: 1 1/2" = 1'-0" FILE: SD08



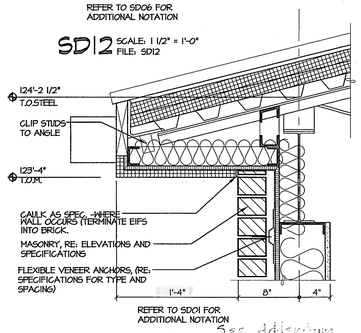
SD09 SCALE: 1 1/2" = 1'-0" FILE: SD09



SD10 SCALE: 1 1/2" = 1'-0" FILE: SD10

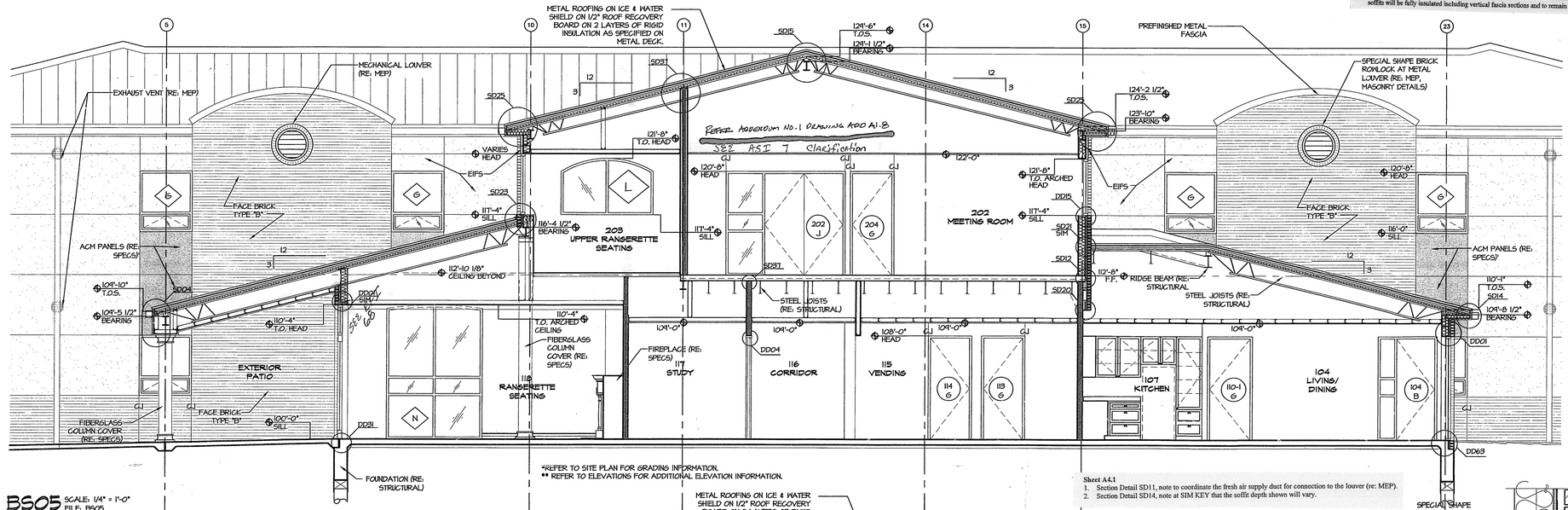


SD12 SCALE: 1 1/2" = 1'-0" FILE: SD12

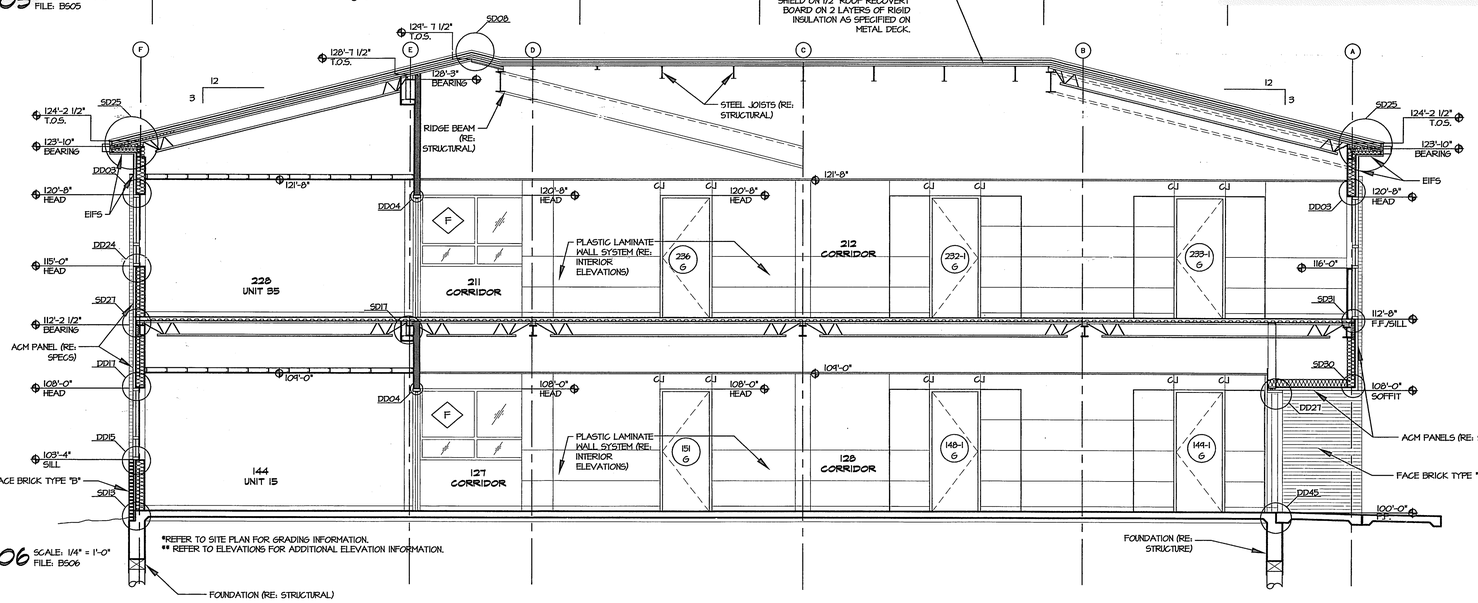


SD14 SCALE: 1 1/2" = 1'-0" FILE: SD14

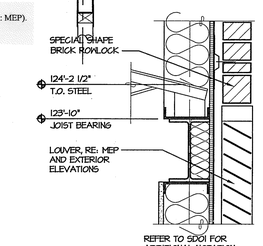
Sheet A4.1
1. Building Section BS04, note to show 6 ¼" batt insulation at the soffit framing at all soffit conditions (all soffits will be fully insulated including vertical fascia sections and to remain open to the building plenum).
2. Building Section BS05, note to show 6 ¼" batt insulation at the soffit framing at all soffit conditions (all soffits will be fully insulated including vertical fascia sections and to remain open to the building plenum)



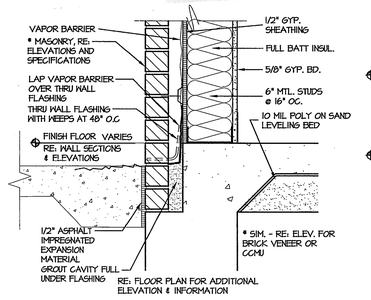
BS05 SCALE: 1/4" = 1'-0" FILE: BS05



BS06 SCALE: 1/4" = 1'-0" FILE: BS06



SD11 SCALE: 1 1/2" = 1'-0" FILE: SD11



SD13 SCALE: 1 1/2" = 1'-0" FILE: SD13

REGISTERED ARCHITECT
STATE OF TEXAS
BRICE J. DAVIS
June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 •PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 •Fax 903.753.7317
Email: TDA@T-DArchitects.com
www.T-DArchitects.com

MEP ENGINEER
EMA
www.estesmcclure.com
Estes, McClure & Associates, Inc.
Engineering & Consulting
3608 West Way
Tyler, Texas 75703
phone: 903-581-2677 fax: 903-581-2721

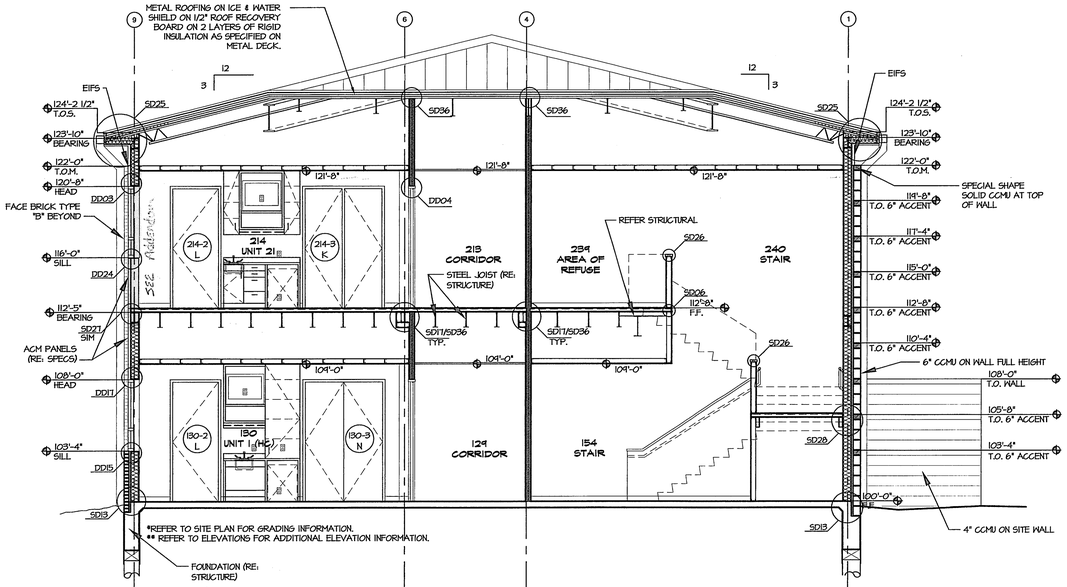
STRUCTURAL ENGINEER
UNIFIED BUILDING SCIENCES & ENGINEERING, INC.
405 International Parkway, Suite 209
Richardson, Texas 75081
Phone 972.783.8683 •Fax 972.783.8684
Email: Cadd2@UBSB.com
www.UBSB.com

KILGORE COLLEGE

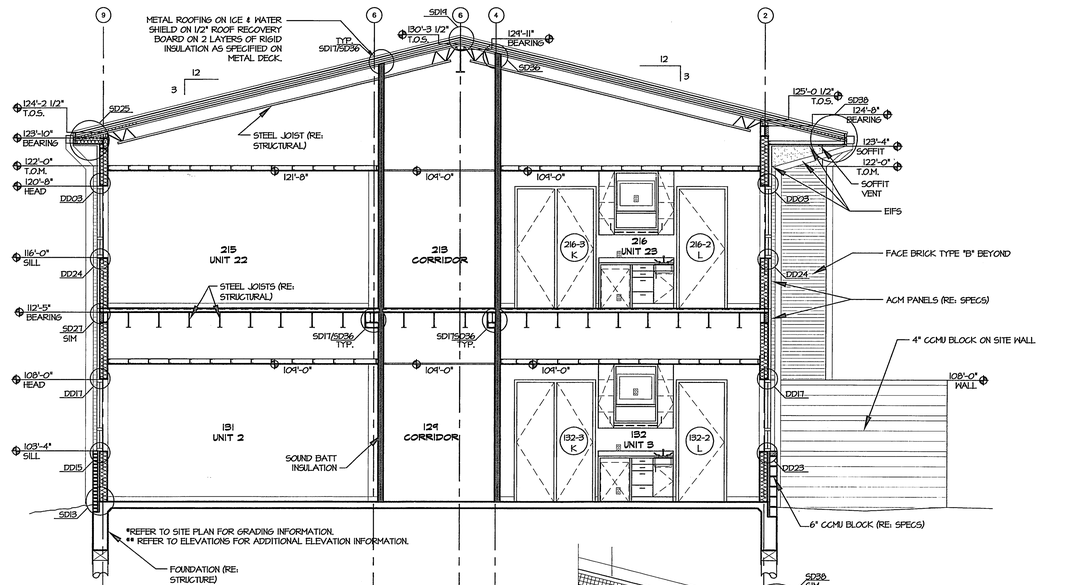
GUSSIE NELL DAVIS RANGERETTE RESIDENCE
Kilgore, Texas

FILE NAME: 0421A4-1
PROJECT NUMBER: 0421
SHEET CONTENTS: BUILDING SECTIONS SECTION DETAILS

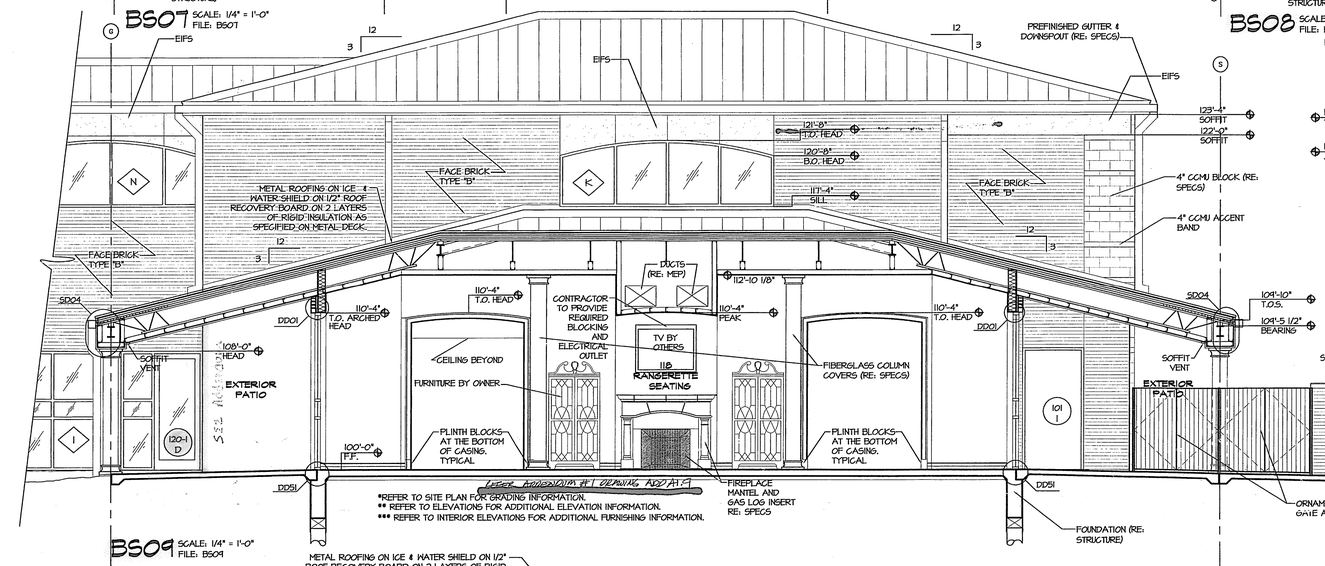
A 4.1



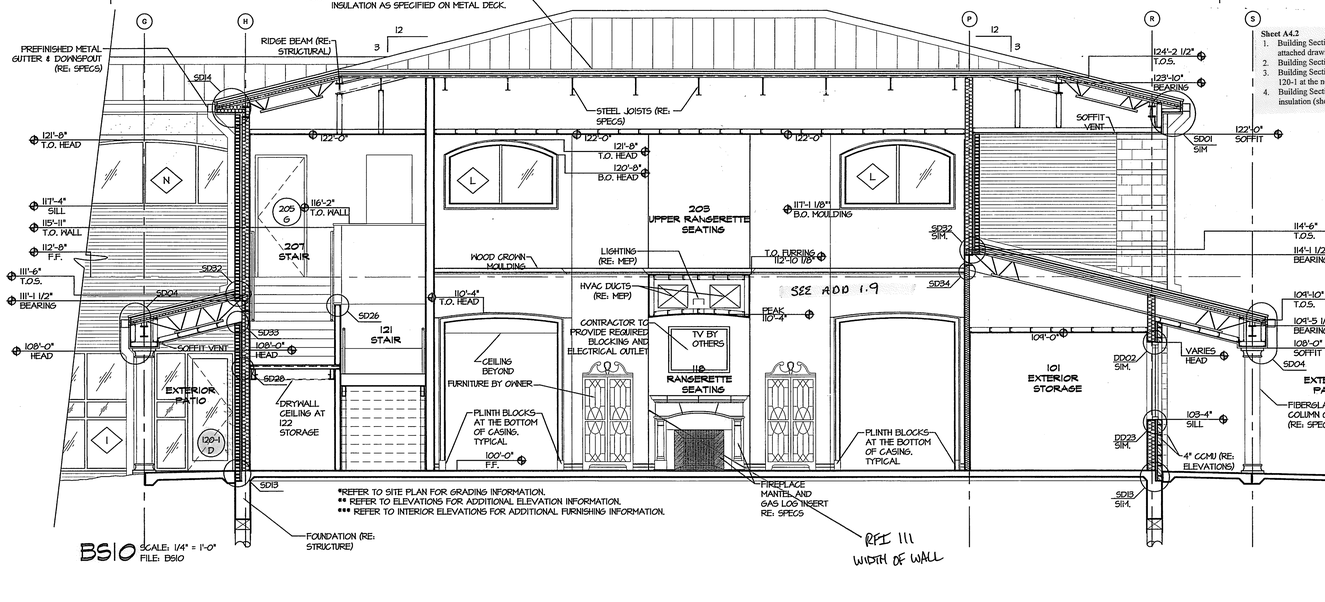
BS07 SCALE: 1/4" = 1'-0" FILE: BS07



BS08 SCALE: 1/4" = 1'-0" FILE: BS08



BS09 SCALE: 1/4" = 1'-0" FILE: BS09

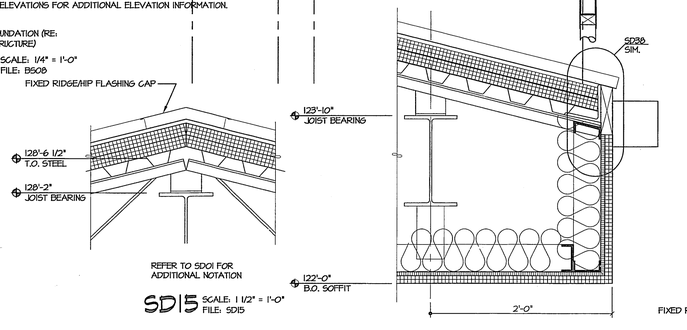


BS10 SCALE: 1/4" = 1'-0" FILE: BS10

RFI 111
WIDTH OF WALL

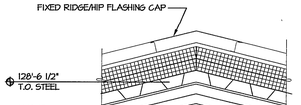
Sheet A4.2

1. Building Section BS10, note to revise the interior elevation condition shown in Rangerette Seating 118 per attached drawing ADD1.9.
2. Building Section BS10, coordinate door 120-1 with actual door type.
3. Building Section BS09, coordinate door 120-1 with actual door type. Note the wall area to the right of door 120-1 at the note "Exterior Patio" is face brick and should be shown accordingly.
4. Building Section BS07, exterior wall of Unit 21 Room 214, note the exterior wall to have specified thermal insulation (show in wall accordingly).

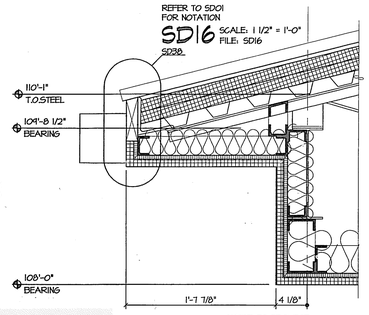


SD15 SCALE: 1 1/2" = 1'-0" FILE: SD15

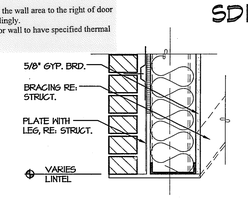
SD17 SCALE: 1 1/2" = 1'-0" FILE: SD17



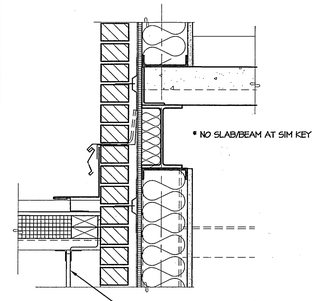
SD19 SCALE: 1 1/2" = 1'-0" FILE: SD19



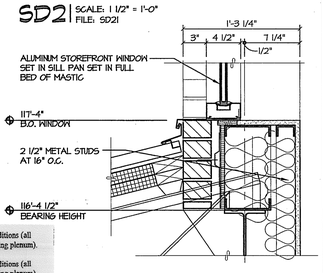
SD16 SCALE: 1 1/2" = 1'-0" FILE: SD16



SD20 SCALE: 1 1/2" = 1'-0" FILE: SD20



SD2 SCALE: 1 1/2" = 1'-0" FILE: SD21



SD23 SCALE: 1 1/2" = 1'-0" FILE: SD23

NOT USED

Sheet A4.2

1. Building Section BS08, note to show 6 ¼" batt insulation at the soffit framing at all soffit conditions (all soffits will be fully insulated including vertical fascia sections and to remain open to the building plenum). Delete reference to soffit vent.
2. Building Section BS09, note to show 6 ¼" batt insulation at the soffit framing at all soffit conditions (all soffits will be fully insulated including vertical fascia sections and to remain open to the building plenum). Delete reference to soffit vent. Delete the extension of the batt insulation at/above the windows to the deck – this insulation must only extend to the top of the soffit insulation.
3. Building Section BS10, note to show 6 ¼" batt insulation at the soffit framing at all soffit conditions (all soffits will be fully insulated including vertical fascia sections and to remain open to the building plenum). Delete reference to soffit vent. Delete the extension of the batt insulation at/above the window to the deck on the first level and above the soffit at the second level – this insulation must only extend to the top of the soffit insulation.

REGISTERED ARCHITECT BRICE J. DAVIS 6817 STATE OF TEXAS
BRICE J. DAVIS
June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 •PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 •Fax 903.753.7317
Email: T.D.A@T.DArchitects.com
www.T.DArchitects.com

MEP ENGINEER
EMA
www.estesmcclure.com
Estes, McClure & Associates, Inc.
Engineering & Consulting
3608 West Way
Tyler, Texas 75703
phone: 903-581-2677 fax: 903-581-2721

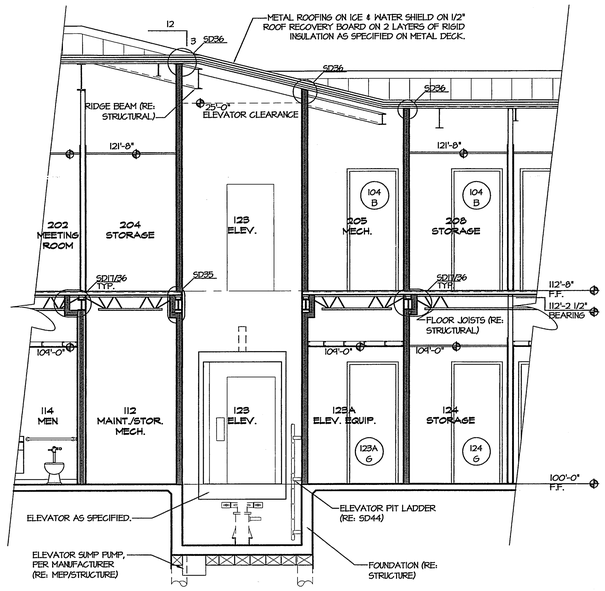
STRUCTURAL ENGINEER
UBSE
UNIFIED BUILDING SCIENCES & ENGINEERING, INC.
405 International Parkway, Suite 209
Richardson, Texas 75081
Phone 972.783.8683 • Fax 972.783.8684
Email: Cadd2@UBSE.com
www.UBSE.com

KILGORE COLLEGE

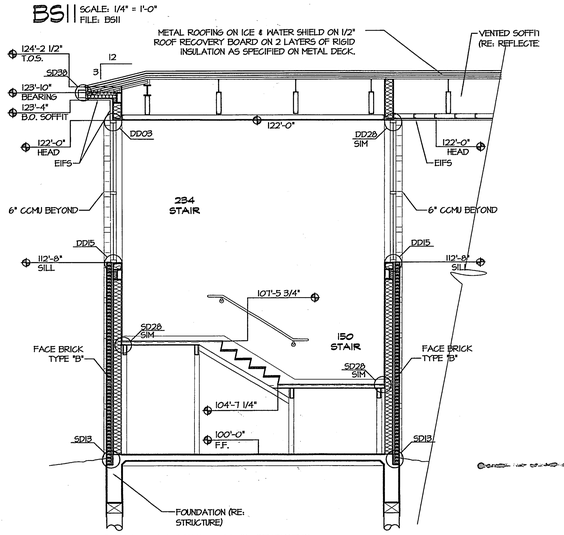
GUSSIE NELL DAVIS RANGERETTE RESIDENCE
Kilgore, Texas

FILE NAME: 0421A4-2
PROJECT NUMBER: 0421
SHEET CONTENTS:
BUILDING SECTIONS
SECTION DETAILS

A 4.2

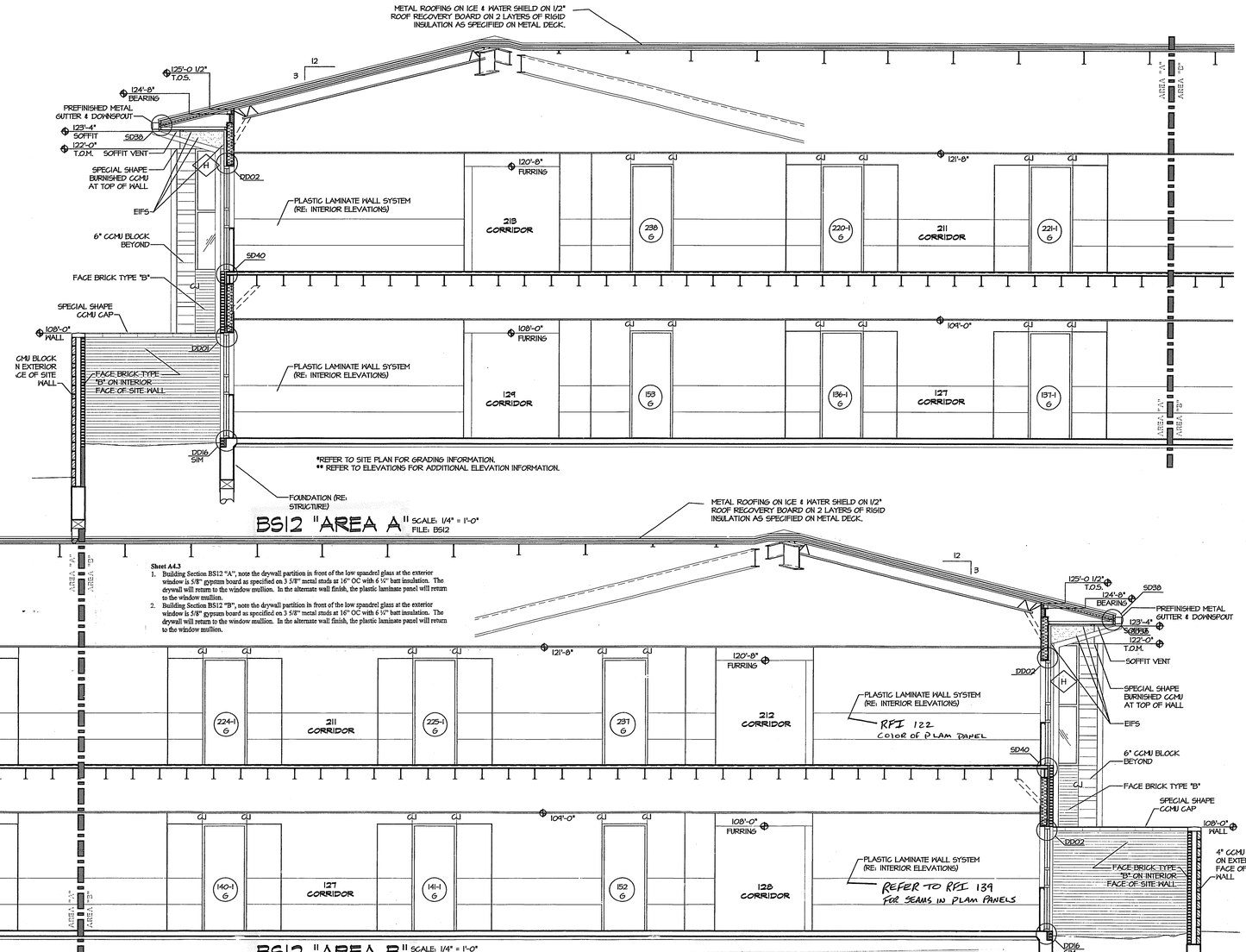


BS11 SCALE: 1/4" = 1'-0" FILE: BS11



*REFER TO SITE PLAN FOR GRADING INFORMATION.
** REFER TO ELEVATIONS FOR ADDITIONAL ELEVATION INFORMATION.

BS13 SCALE: 1/4" = 1'-0" FILE: BS13



*REFER TO SITE PLAN FOR GRADING INFORMATION.
** REFER TO ELEVATIONS FOR ADDITIONAL ELEVATION INFORMATION.

BS12 "AREA A" SCALE: 1/4" = 1'-0" FILE: BS12

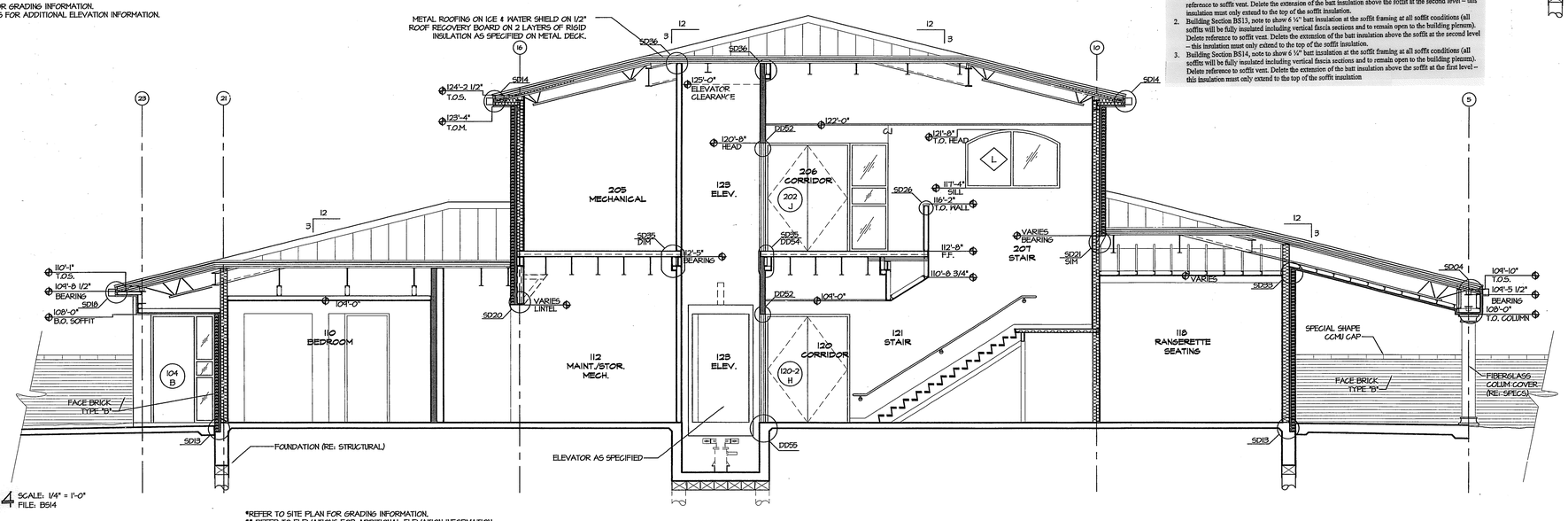
BS12 "AREA B" SCALE: 1/4" = 1'-0" FILE: BS12

Sheet A4.3

1. Building Section BS12 "A", note the drywall partition in front of the low spandrel glass at the exterior window is 5/8" gypsum board as specified on 3 5/8" metal studs at 16" OC with 6 ¼" batt insulation. The drywall will return to the window mullion. In the alternate wall finish, the plastic laminate panel will return to the window mullion.
2. Building Section BS12 "B", note the drywall partition in front of the low spandrel glass at the exterior window is 5/8" gypsum board as specified on 3 5/8" metal studs at 16" OC with 6 ¼" batt insulation. The drywall will return to the window mullion. In the alternate wall finish, the plastic laminate panel will return to the window mullion.

Sheet A4.3

1. Building Section BS12, note to show 6 ¼" batt insulation at the soffit framing at all soffit conditions (all soffits will be fully insulated including vertical fascia sections and open to the building plenum). Delete reference to soffit vent. Delete the extension of the batt insulation above the soffit at the second level – this insulation must only extend to the top of the soffit insulation.
2. Building Section BS13, note to show 6 ¼" batt insulation at the soffit framing at all soffit conditions (all soffits will be fully insulated including vertical fascia sections and to remain open to the building plenum). Delete reference to soffit vent. Delete the extension of the batt insulation above the soffit at the second level – this insulation must only extend to the top of the soffit insulation.
3. Building Section BS14, note to show 6 ¼" batt insulation at the soffit framing at all soffit conditions (all soffits will be fully insulated including vertical fascia sections and to remain open to the building plenum). Delete reference to soffit vent. Delete the extension of the batt insulation above the soffit at the first level – this insulation must only extend to the top of the soffit insulation



*REFER TO SITE PLAN FOR GRADING INFORMATION.
** REFER TO ELEVATIONS FOR ADDITIONAL ELEVATION INFORMATION.

BS14 SCALE: 1/4" = 1'-0" FILE: BS14

REGISTERED ARCHITECT BRICE J. DAVIS STATE OF TEXAS
BRICE J. DAVIS
June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 ◆ PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 ◆ Fax 903.753.7317
Email: TDA@T-DArchitects.com
www.T-DArchitects.com

MEP ENGINEER
EMA
www.estesmcclure.com
Estes, McClure & Associates, Inc.
Engineering & Consulting
3608 West Way
Tyler, Texas 75703
phone: 903-581-2677 fax: 903-581-2721

STRUCTURAL ENGINEER
UNIFIED BUILDING SCIENCES & ENGINEERING, INC.
405 International Parkway, Suite 209
Richardson, Texas 75081
Phone 972.783.8683 ◆ Fax 972.783.8684
Email: Cadd2@UBSE.com
www.UBSE.com

KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE

Kilgore, Texas

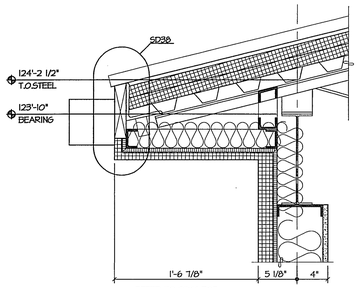
FILE NAME: 0421A4-3

PROJECT NUMBER: 0421

SHEET CONTENTS: BUILDING SECTIONS

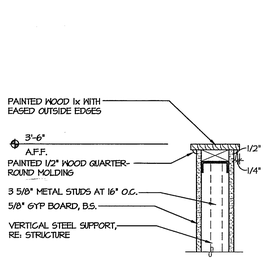
A 4.3

NOT USED

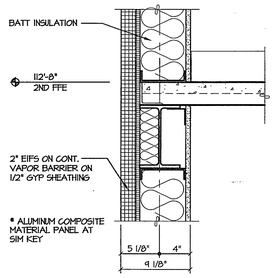


REFER TO SD01 FOR ADDITIONAL NOTATION

SD25 SCALE: 1 1/2" = 1'-0" FILE: SD25

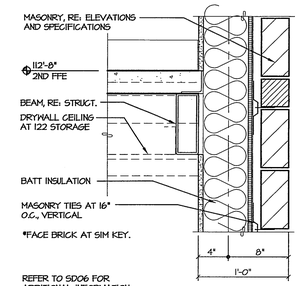


SD26 SCALE: 1 1/2" = 1'-0" FILE: SD26



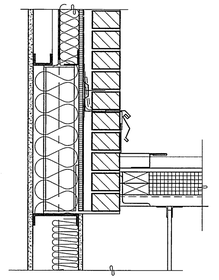
REFER TO SD06 FOR ADDITIONAL INFORMATION

SD27 SCALE: 1 1/2" = 1'-0" FILE: SD27



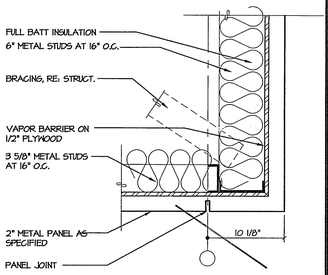
REFER TO SD06 FOR ADDITIONAL INFORMATION

SD28 SCALE: 1 1/2" = 1'-0" FILE: SD28

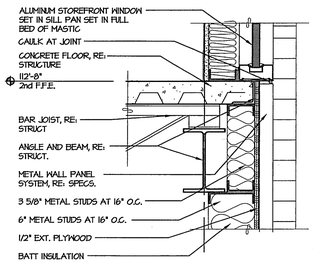


REFER TO SD02 FOR ADDITIONAL NOTATION

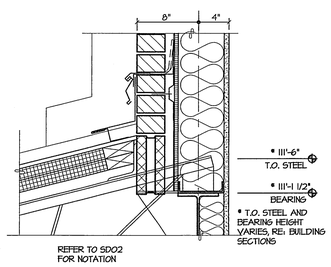
SD29 SCALE: 1 1/2" = 1'-0" FILE: SD29



SD30 SCALE: 1 1/2" = 1'-0" FILE: SD30 RFI 107

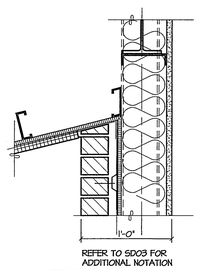


SD31 SCALE: 1 1/2" = 1'-0" FILE: SD31



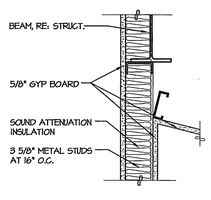
REFER TO SD02 FOR NOTATION

SD32 SCALE: 1 1/2" = 1'-0" FILE: SD32



REFER TO SD03 FOR ADDITIONAL NOTATION

SD33 SCALE: 1 1/2" = 1'-0" FILE: SD33



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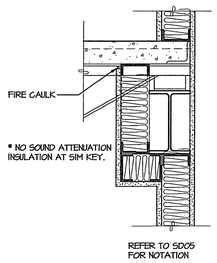
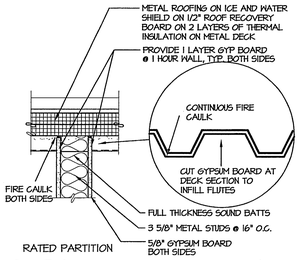


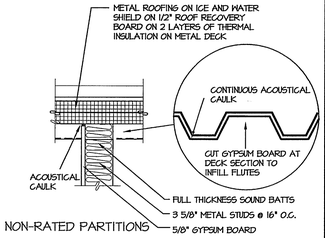
REFER TO SD05 FOR NOTATION

SD35 SCALE: 1 1/2" = 1'-0" FILE: SD35



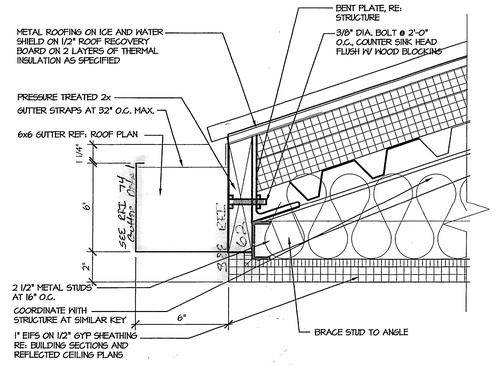
RATED PARTITION

SD36 SCALE: 1 1/2" = 1'-0" FILE: SD36

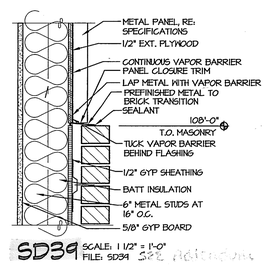


NON-RATED PARTITIONS

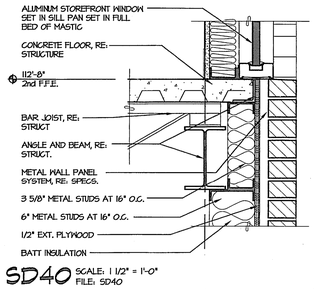
SD37 SCALE: 1 1/2" = 1'-0" FILE: SD37



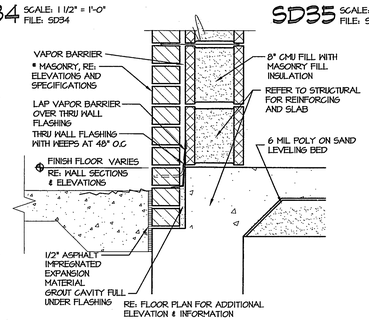
SD38 SCALE: 3" = 1'-0" FILE: SD38 SEE Addendum



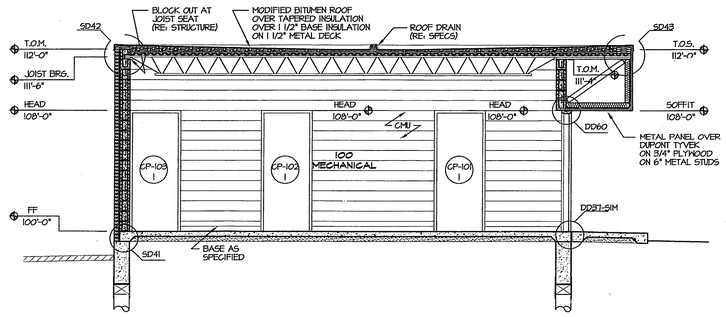
SD39 SCALE: 1 1/2" = 1'-0" FILE: SD39 SEE Addendum



SD40 SCALE: 1 1/2" = 1'-0" FILE: SD40



SD41 SCALE: 1 1/2" = 1'-0" FILE: SD41 SEE Addendum

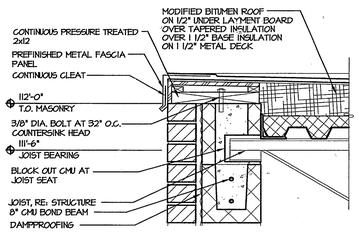


BS01- CENTRAL PLANT SCALE: 1/4" = 1'-0" FILE: BS01-CP

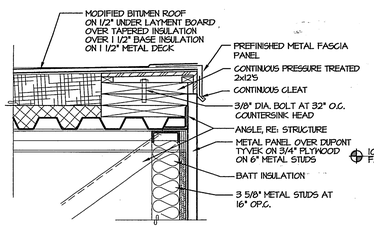
SEE Addendum

Sheet A4.4

1. Note the "NOT USED" refers to Section Detail SD-24 designation.
2. Section Detail SD38, note the EIFS shall extend up and behind the gutter a minimum of ½".
3. Section Detail SD39, the top of wall brick to be a solid special shape sill brick.
4. Section Detail SD41, revise note "Vapor Barrier" to read "Dampproofing". Delete the note "Lap Vapor Barrier Over Thru Wall Flshing" and replace with "Tuck Flashing Into First Bed Joint". Revise spacing for weeps to be 24" OC. Revise referenced "6-mil poly" to be "10-mil poly as specified".
5. Section Detail SD43, delete the note "3 5/8" metal studs at 16" OPC". Revise plywood thickness to be ½".
6. Section Detail SD44, add the following note "This Is The Elevator Pit Ladder – Coordinate With The Elevator Manufacturer To Comply With All Access Requirements – Install In The Pit Where Directed By the Elevator Manufacturer".
7. Building Section BS01 – Central Plant, delete the note "Base As Specified". Revise the listed plywood thickness to be ½".
8. Building Section BS02 – Central Plant, delete the note "Base As Specified".
9. Add Section Detail SD45 to this sheet as included this addendum on ADD1.1.

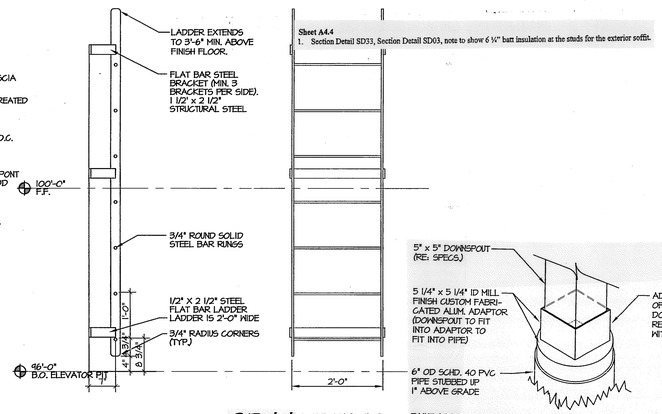


SD42 SCALE: 1 1/2" = 1'-0" FILE: SD42



SD43 SCALE: 1 1/2" = 1'-0" FILE: SD43

SEE Addendum

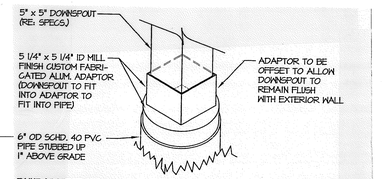


Sheet A4.4

1. Section Detail SD33, Section Datail SD03, note to show 6 ¼" batt insulation at the studs for the exterior soffit.

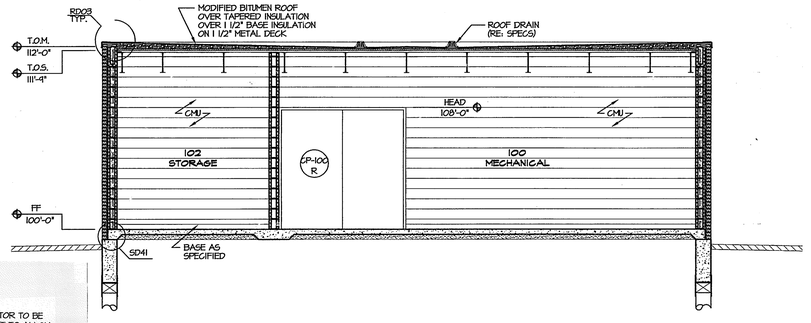
SD44 SCALE: 1 1/2" = 1'-0" FILE: SD44

SEE Addendum



DOWNSPOUT ADAPTER

SD45 SCALE: N.T.S. FILE: SD45



BS02- CENTRAL PLANT SCALE: 1/4" = 1'-0" FILE: BS02-CP

SEE Addendum

BRICE J. DAVIS
June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 •PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.5771 •Fax 903.753.7317
Email: TDA@T-DArchitects.com
www.T-DArchitects.com

MEP ENGINEER
EMA
www.estesmcclure.com
Estes, McClure & Associates, Inc.
Engineering & Consulting
3608 West Way
Tyler, Texas 75703
phone: 903-581-2677 fax: 903-581-2721

STRUCTURAL ENGINEER
UNIFIED BUILDING SCIENCES & ENGINEERING, INC.
405 International Parkway, Suite 209
Richardson, Texas 75081
Phone 972.783.8683 • Fax 972.783.8684
Email: Cadd2@UBSE.com
www.UBSE.com

KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE

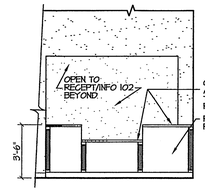
Kilgore, Texas

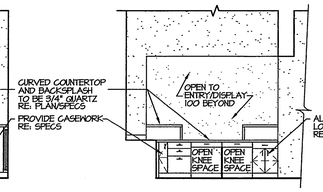
FILE NAME: 0421A4-4

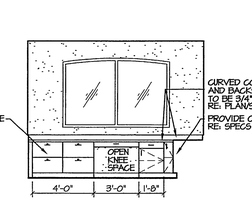
PROJECT NUMBER: 0421

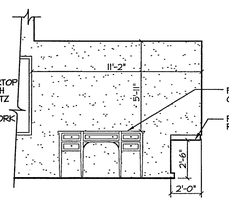
SHEET CONTENTS:
BUILDING SECTIONS- CENTRAL PLANT
SECTION DETAILS

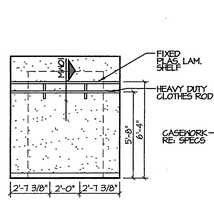
A 4.4

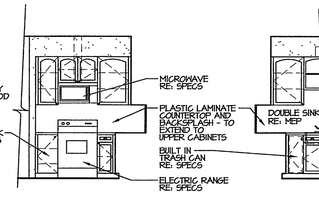


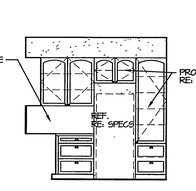












1E01 RECEPTION/ INFORMATION-102
SCALE: 1/4"=1'-0" FILE: IE01

1E02 RECEPTION/ INFORMATION-102
SCALE: 1/4"=1'-0" FILE: IE01

1E03 RECEPTION/ INFORMATION-102
SCALE: 1/4"=1'-0" FILE: IE01

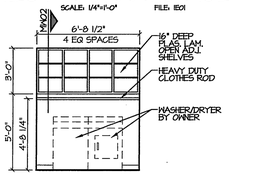
1E04 RECEPTION/ INFORMATION-102
SCALE: 1/4"=1'-0" FILE: IE01

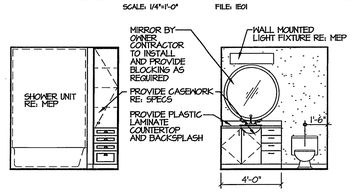
1E05 CLOSET-106
SCALE: 1/4"=1'-0" FILE: IE01

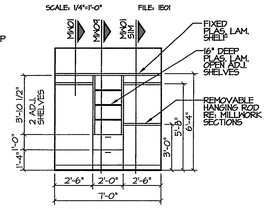
1E06 KITCHEN-107
SCALE: 1/4"=1'-0" FILE: IE01

1E07 KITCHEN-107
SCALE: 1/4"=1'-0" FILE: IE01

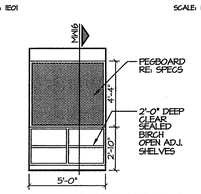
1E08 KITCHEN-107
SCALE: 1/4"=1'-0" FILE: IE01

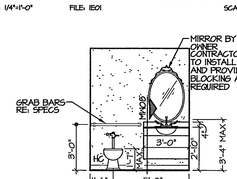


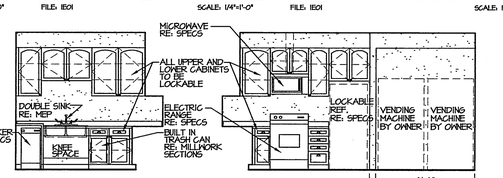




NOT USED







1E09 WASHER/DRYER
SCALE: 1/4"=1'-0" FILE: IE01

1E10 BATH
SCALE: 1/4"=1'-0" FILE: IE01

1E11 BATH
SCALE: 1/4"=1'-0" FILE: IE01

1E12 CLOSET
SCALE: 1/4"=1'-0" FILE: IE01

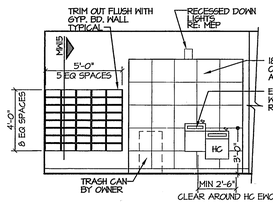
1E13
SCALE: FILE:

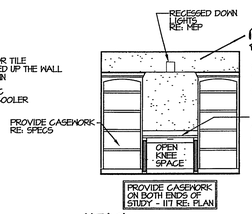
1E14 MAINTENANCE STORAGE/MECH-112
SCALE: 1/4"=1'-0" FILE: IE01

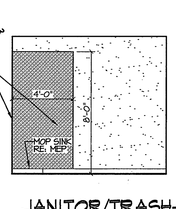
1E15 WOMEN-113 MEN-114
SCALE: 1/4"=1'-0" FILE: IE01

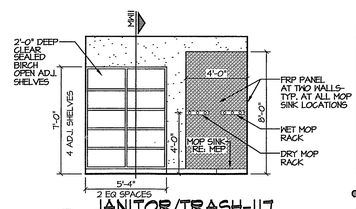
1E16 VENDING-115
SCALE: 1/4"=1'-0" FILE: IE01

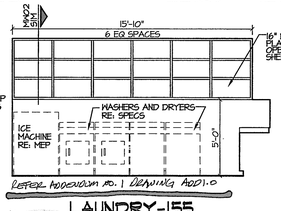
1E17 VENDING-115
SCALE: 1/4"=1'-0" FILE: IE01

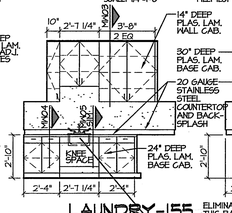


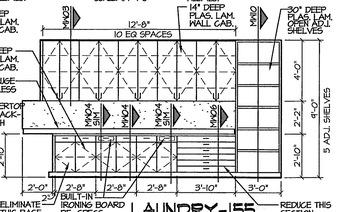












1E18 CORRIDOR-116
SCALE: 1/4"=1'-0" FILE: IE01

1E19 STUDY-117
SCALE: 1/4"=1'-0" FILE: IE01

1E20 JANITOR/TRASH-117 JANITOR/TRASH-236 SIM
SCALE: 1/4"=1'-0" FILE: IE01

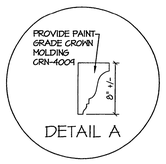
1E21 JANITOR/TRASH-117 JANITOR/TRASH-117
SCALE: 1/4"=1'-0" FILE: IE01

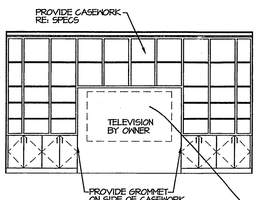
1E22 LAUNDRY-155 LAUNDRY-238
SCALE: 1/4"=1'-0" FILE: IE01

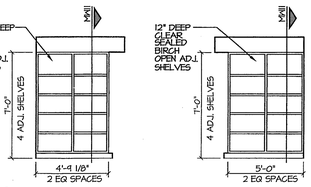
1E22.1 LAUNDRY-155 LAUNDRY-238
SCALE: 1/4"=1'-0" FILE: IE01

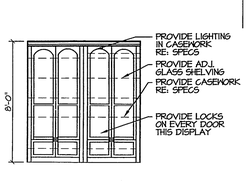
1E23 LAUNDRY-155 LAUNDRY-238
SCALE: 1/4"=1'-0" FILE: IE01

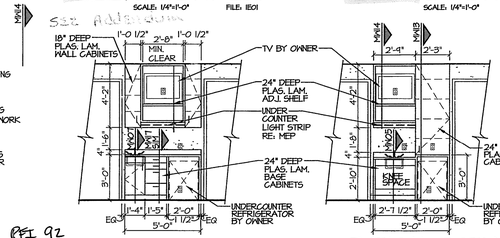
1. Page 10, Sheet A5.0, item 4, complete this item as follows "IE22 and 1E23 revise room reference to be Laundry 153.".

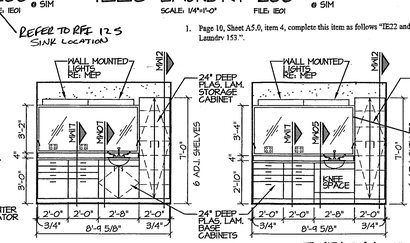


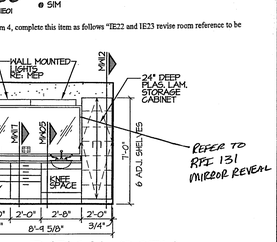












REFER TO RFI 131 MIRROR REVEAL

1E24 MEETING ROOM-202
SCALE: 1/4"=1'-0" FILE: IE01

RFI 87 TV SIZE

1E25 & 1E26 STORAGE-204
SCALE: 1/4"=1'-0" FILE: IE01

1E27 ENTRY/DISPLAY-100
SCALE: 1/4"=1'-0" FILE:

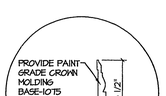
1E28 TYPICAL DORM ROOM
SCALE: 1/4"=1'-0" FILE: IE01

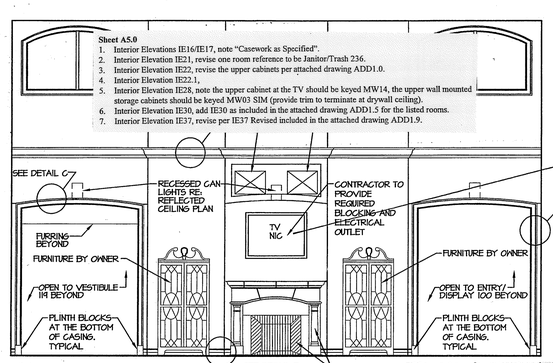
RFI 92 WALL HUNG COUNTER

1E29 TYPICAL DORM ROOM - HC
SCALE: 1/4"=1'-0" FILE: IE01

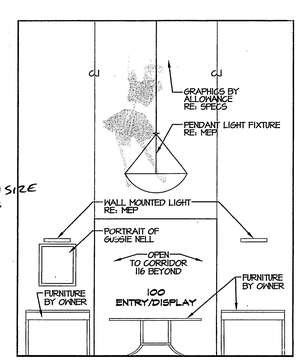
1E30 TYPICAL DORM ROOM
SCALE: 1/4"=1'-0" FILE: IE01

1E31 TYPICAL DORM ROOM - HC
SCALE: 1/4"=1'-0" FILE: IE01

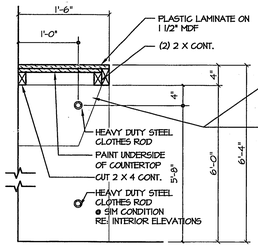




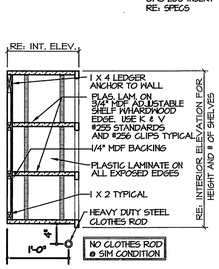
1E37 RANGERETTE SEATING-118
SCALE: 1/4"=1'-0" FILE: IE01



1E38 ENTRY/DISPLAY-100
SCALE: 1/4"=1'-0" FILE: IE01



MW 01
SCALE: 1" = 1'-0" FILE: MW01



MW 02
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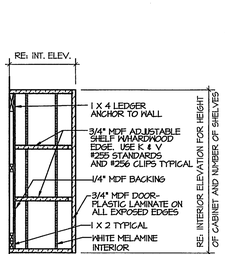

MW 03
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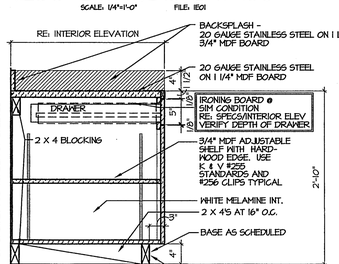

MW 04
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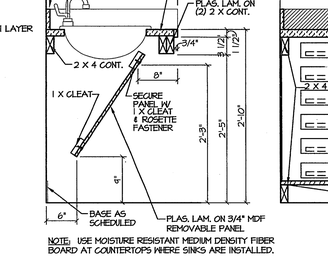

MW 05
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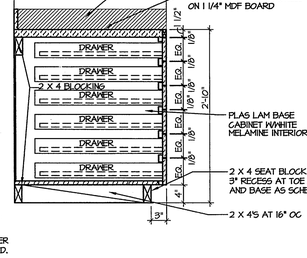
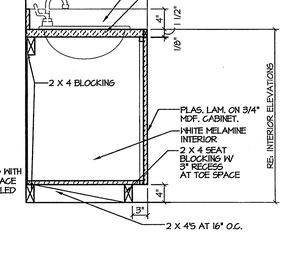
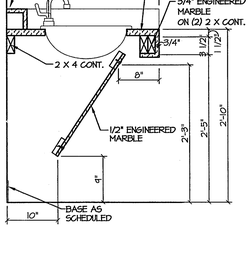


MW 06
SCALE: 1" = 1'-0" FILE: MW06



MW 07
SCALE: 1" = 1'-0" FILE: MW07



MW 08
SCALE: 1" = 1'-0" FILE: MW08

BRICE J. DAVIS
June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 Fax 903.753.7317
Email: TDA@T-DArchitects.com
www.T-DArchitects.com

MEP ENGINEER
EMA
www.estes-mcclure.com
Estes, McClure & Associates, Inc.
Engineering & Consulting
3608 West Way
Tyler, Texas 75703
phone: 903-581-2677 fax: 903-581-2721

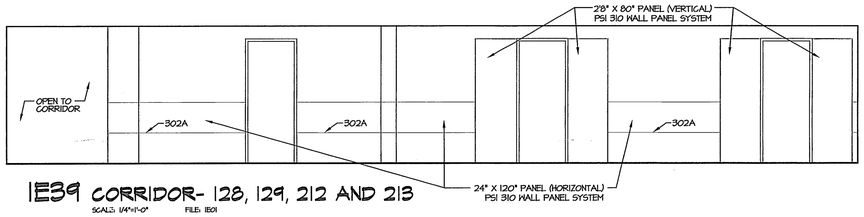
STRUCTURAL ENGINEER
UNIFIED BUILDING SCIENCES & ENGINEERING, INC.
405 International Parkway, Suite 209
Richardson, Texas 75081
Phone 972.783.8683 Fax 972.783.8684
Email: C=dd2@UBSE.com
www.UBSE.com

KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE
Kilgore, Texas

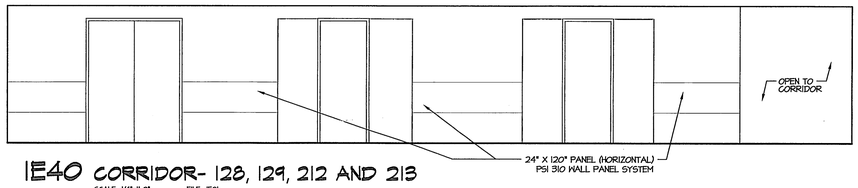
FILE NAME: 0421A5-0
PROJECT NUMBER: 0421
SHEET CONTENTS:
INTERIOR ELEVATIONS
MILLWORK SECTIONS

A 5.0



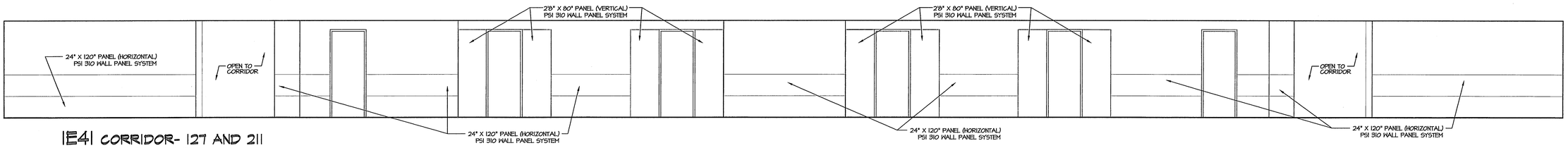
1E39 CORRIDOR- 128, 129, 212 AND 213

SCALE: 1/4"=1'-0" FILE: IE01



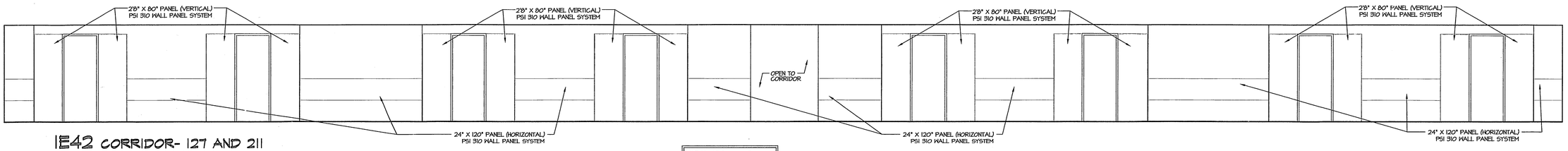
1E40 CORRIDOR- 128, 129, 212 AND 213

SCALE: 1/4"=1'-0" FILE: IE01



1E41 CORRIDOR- 127 AND 211

SCALE: 1/4"=1'-0" FILE: IE01

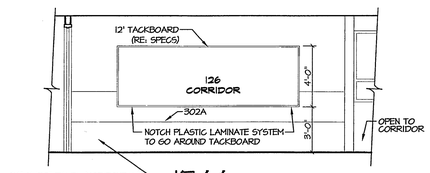


1E42 CORRIDOR- 127 AND 211

SCALE: 1/4"=1'-0" FILE: IE01

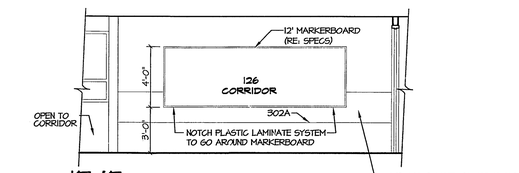
BID PLASTIC LAMINATE WALL SYSTEM AND WALLGOVERING AS ALTERNATE. BASE BID IS TO BE PAINTED GYP. BOARD

Sheet A5.1
1. Add Millwork Detail MW13 as included this addendum on drawing ADD1.14.
2. Add Millwork Detail MW14 as included this addendum on drawing ADD1.15.
3. Add Plastic Laminate System details as included this addendum on drawings ADD1.16/17/18.



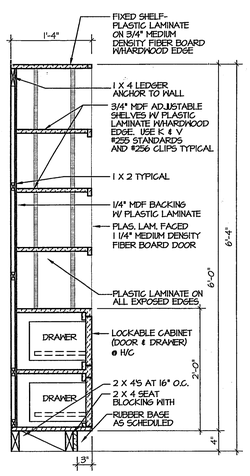
1E44 CORRIDOR - 126 & 210

SCALE: 1/4"=1'-0" FILE: IE02



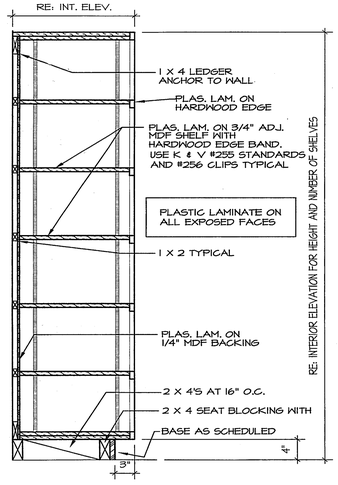
1E45 CORRIDOR - 126 & 210

SCALE: 1/4"=1'-0" FILE: IE02



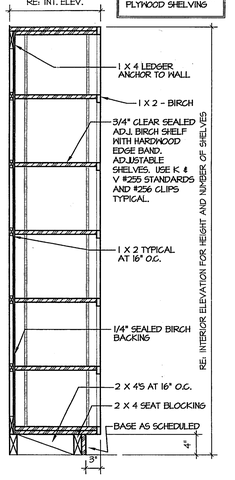
MW 09

SCALE: 1" = 1'-0" FILE: MW09



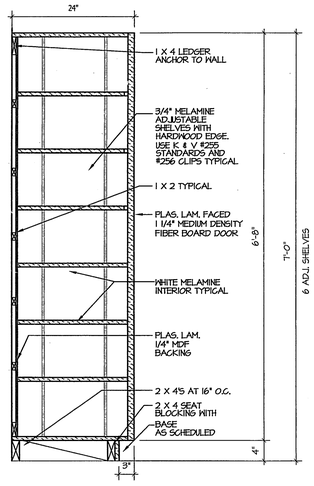
MW 10

SCALE: 1" = 1'-0" FILE: MW10



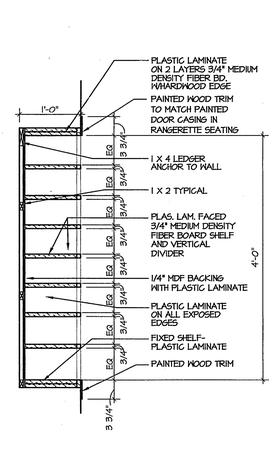
MW 11

SCALE: 1" = 1'-0" FILE: MW11



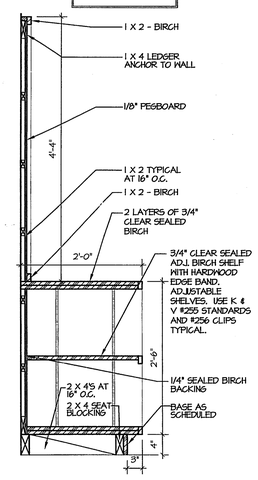
MW 12

SCALE: 1" = 1'-0" FILE: MW12



MW 15

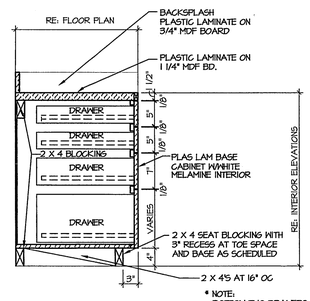
SCALE: 1" = 1'-0" FILE: MW15



MW 16

SCALE: 1" = 1'-0" FILE: MW16

PLASTIC LAMINATE PANEL SYSTEM DETAILS ADDED THIS SHEET PER ADDENDUM NO. 1, DRAWINGS ADD1.14, 17 and 18



MW 17

SCALE: 1" = 1'-0" FILE: MW17

BRICE J. DAVIS
June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 •PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 •Fax 903.753.7317
Email: TDA@T-DArchitects.com
www.T-DArchitects.com

MEP ENGINEER
EMA
www.estesmcclure.com
Estes, McClure & Associates, Inc.
Engineering & Consulting
3608 West Way
Tyler, Texas 75703
phone: 903-581-2677 fax: 903-581-2721

STRUCTURAL ENGINEER
UNIFIED BUILDING SCIENCES & ENGINEERING, INC.
405 International Parkway, Suite 209
Richardson, Texas 75081
Phone 972.783.8683 Fax 972.783.8684
Email: Cadd2@UBSE.com
www.UBSE.com

KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE

Kilgore, Texas

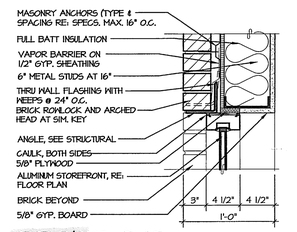
FILE NAME: 0421A5-1

PROJECT NUMBER: 0421

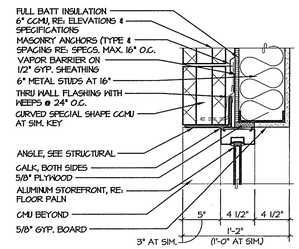
SHEET CONTENTS: INTERIOR ELEVATIONS

A 5.1

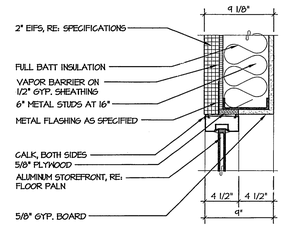
*DRYWALL SOFFIT AT SIM 'EY', RE: REFLECTED CEILING PLAN



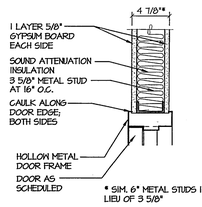
DD01 SCALE: 1 1/2" = 1'-0" FILE: DD01



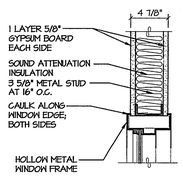
DD02 SCALE: 1 1/2" = 1'-0" FILE: DD02



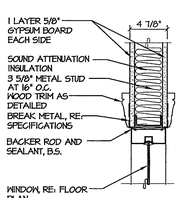
DD03 SCALE: 1 1/2" = 1'-0" FILE: DD03



DD04 SCALE: 1 1/2" = 1'-0" FILE: DD04



DD05 SCALE: 1 1/2" = 1'-0" FILE: DD05



DD06 SCALE: 1 1/2" = 1'-0" FILE: DD06

ROOM FINISH SCHEDULE - RANGERETTE RESIDENCE

NORTH / WEST / EAST / SOUTH

NO.	NAME	FLOOR: SEALED CONCRETE	PORCELAIN TILE	CARPET - A	CARPET - B	VCT	RUBBER	BASE: PAINTED WOOD	RUBBER	NONE	WALL: PAINTED GYP. BD.	FLAT SYSTEM	WALLCOVERING	CERAMIC TILE	BURT. WOODS, PAINTED GYP. BD.	PAINTED GYP. BD.	EXPOSED STRUCT.	CEILING HEIGHT	REMARKS
																		* HEIGHTS ARE LISTED FROM IMMEDIATE FINISH FLOOR.	
100	ENTRY/DISPLAY		■					■			■						■	22'-0"	
101	EXTERIOR STORAGE	■								■							■	9'-0"	
102	RECEPTION/INFORMATION		■					■			■					■		VARIES, 9'-0"	
103	OFFICE			■				■			■					■		9'-0"	
104	LIVING/DINING				■			■			■					■		9'-0"	
105	ENTRY				■			■			■					■		8'-0"	
106	CLOSET				■			■			■					■		8'-0"	
107	KITCHEN				■			■			■					■		9'-0"	2
108	BATH				■			■			■			■		■		8'-0"	2
109	WASHER/DRYER				■			■			■					■		8'-0"	2
110	BEDROOM				■			■			■					■		9'-0"	
111	CLOSET				■			■			■					■		8'-0"	
112	MAINTENANCE STORAGE/MECHANICAL	■								■							■		
113	WOMEN		■					■			■					■		9'-0"	
114	MEN		■					■			■					■		9'-0"	
115	VENDING		■					■			■					■		9'-0"	
116	CORRIDOR		■					■			■					■		9'-0"	
117	STUDY				■			■			■					■		9'-0"	
118	RANGERETTE SEATING				■			■			■					■		VARIES	
119	VESTIBULE				■			■			■					■		VARIES	
120	CORRIDOR				■			■			■					■		9'-0"	
121	STAIR			■				■			■					■		VARIES	2
122	STORAGE		■					■			■					■		VARIES	
123	ELEVATOR							■			■					■			
124	STORAGE		■					■			■					■		VARIES	
125	MIRING	■						■			■						■	9'-0"	
126	CORRIDOR				■			■			■					■		9'-0"	3,4
127	CORRIDOR				■			■			■					■		9'-0"	3,4
128	CORRIDOR				■			■			■			■		■		9'-0"	3,4
129	CORRIDOR				■			■			■					■		9'-0"	3,4
130	UNIT 1 (HC)																		1
131	UNIT 2																		1
132	UNIT 3																		1
133	UNIT 4																		1
134	UNIT 5																		1
135	UNIT 6																		1
136	UNIT 7																		1
137	UNIT 8																		1
138	UNIT 9																		1
139	UNIT 10																		1
140	UNIT 11																		1
141	UNIT 12																		1
142	UNIT 13																		1
143	UNIT 14																		1
144	UNIT 15																		1
145	UNIT 16																		1
146	UNIT 17																		1
147	UNIT 18																		1
148	UNIT 19																		1
149	UNIT 20 (HC)																		1
150	STAIR				■					■						■		VARIES	
151	JANITOR/TRASH				■					■						■		9'-0"	2
152	ELECTRICAL	■								■						■		9'-0"	
153	LAUNDRY				■					■						■		9'-0"	
154	STAIR				■					■						■		VARIES	
200	UPPER ENTRY/DISPLAY																	9'-4" AFF	
201	UPPER RECEPTIONIST/INFORMATION																	9'-4" AFF	
202	MEETING ROOM																	9'-4"	
203	UPPER RANGERETTE SEATING																	9'-4" AFF	
204	STORAGE																	9'-0"	
205	MECHANICAL	■																	
206	CORRIDOR																	9'-4"	
207	STAIR																	9'-4" AFF	2
208	ELEVATOR EQIPMENT																	9'-0"	
209	WIRING																	9'-0"	
210	CORRIDOR																	9'-0"	3,4
211	CORRIDOR																	9'-0"	3,4
212	CORRIDOR																	9'-0"	3,4
213	CORRIDOR																	9'-0"	3,4
214	UNIT 21																		1
215	UNIT 22																		1
216	UNIT 23																		1
217	UNIT 24																		1
218	UNIT 25																		1
219	UNIT 26																		1
220	UNIT 27																		1
221	UNIT 28																		1
222	UNIT 29																		1
223	UNIT 30																		1
224	UNIT 31																		1
225	UNIT 32																		1
226	UNIT 33																		1
227	UNIT 34																		1
228	UNIT 35																		1
229	UNIT 36																		1
230	UNIT 37																		1
231	UNIT 38																		1
232	UNIT 39																		1
233	UNIT 40																		1
234	STAIR																	9'-4" AFF	
235	TANNING BED																	9'-0"	
236	JANITOR/TRASH				■					■						■		9'-0"	2
237	ELECTRICAL				■					■						■		9'-0"	
238	LAUNDRY				■					■						■		9'-0"	2
239	AREA OF REFUSE				■					■						■		9'-4"	
240	STAIR				■					■						■		9'-4" AFF	
	TYPICAL DORM ROOM UNIT:																		
	BEDROOM																	9'-0"	2
	BATH																	8'-0"	2
	TOILET																	8'-0"	2
	CLOSET																	8'-0"	2

1. REFER TO TYPICAL DORM ROOM UNIT.
2. BID VCT AS BASE BID. BID VINYL TILE AS ALTERNATE.
3. BID PAINTED GYP BD. AS BASE BID. BID PLASTIC LAMINATE SYSTEM AS AN ALTERNATE.
4. BID PAINTED GYP BD. AS BASE BID. BID VINYL WALLCOVERING AS AN ALTERNATE.
5. SEE Addendum

NOTE: DOOR HARDWARE IS SCHEDULED / REFERENCED IN SPECIFICATION SECTION 08710

DOOR SCHEDULE - KILGORE COLLEGE - RANGERETTE RESIDENCE * SIMILAR

DOOR MARK	WIDTH	HEIGHT	THICK	TYPE	ELEV.	FRAME TYPE	FRAME WIDTH	FRAME ELEV.	DETAIL HEAD	DETAIL JAMB	DETAIL JAMB	DETAIL SILL	REMARKS
TYPE A	PR 3'-0"	7'-10"	1 3/4	AL # 6	A	AL # 6	4 1/2"	A	DD02	PD32	PD32	DD31	
100													
TYPE B	3'-0"	7'-10"	1 3/4	AL # 6	B	AL # 6	4 1/2"	B	DD01	PD24	DD34	DD31	
104													
TYPE C	PR 3'-0"	7'-10"	1 3/4	AL # 6	C	AL # 6	4 1/2"	C	DD35	DD08	DD08	DD31	
118													
TYPE D	3'-0"	7'-10"	1 3/4	AL # 6	D	AL # 6	4 1/2"	D	DD30	PD11	DD36	DD31	
120-1													
TYPE E	3'-0"	7'-10"	1 3/4	HD	E	HM	5 3/4"	E	DD04	PD30	DD22	DD18	
103													1, PAINTED
TYPE F	PR 3'-0"	7'-10"	1 3/4	HD	F	HM	5 3/4"	F	DD04	DD12	DD12	DD18	
117													2, PAINTED
TYPE G	3'-0"	7'-10"	1 3/4	HD	G	HM	5 3/4"	G	DD04	DD25	DD36	DD18	
105-1										PD26	DD22		20 MIN, PAINTED
110-1										DD38	DD11		PAINTED
113										DD22	DD11		20 MIN, PAINTED
114										DD22	DD11		20 MIN, PAINTED
122										DD36	DD11		PLASTIC LAMINATE
128A										DD11	DD11		20 MIN, PLASTIC LAMINATE
124										DD22	DD11		20 MIN, PLASTIC LAMINATE
125										DD22	DD11		20 MIN, PLASTIC LAMINATE
130-1													20 MIN, PLASTIC LAMINATE
131													20 MIN, PLASTIC LAMINATE
132-1													20 MIN, PLASTIC LAMINATE
133-1													20 MIN, PLASTIC LAMINATE
134-1													20 MIN, PLASTIC LAMINATE
135-1											PD13		20 MIN, PLASTIC LAMINATE
136-1											PD11		20 MIN, PLASTIC LAMINATE
137-1											PD11		20 MIN, PLASTIC LAMINATE
138-1											PD11		20 MIN, PLASTIC LAMINATE
139-1													20 MIN, PLASTIC LAMINATE
140-1											PD11		20 MIN, PLASTIC LAMINATE
141-1											PD11		20 MIN, PLASTIC LAMINATE
142-1													20 MIN, PLASTIC LAMINATE
143-1											PD11		20 MIN, PLASTIC LAMINATE
144-1											PD13		20 MIN, PLASTIC LAMINATE
145-1													20 MIN, PLASTIC LAMINATE
146-1													20 MIN, PLASTIC LAMINATE
147-1													20 MIN, PLASTIC LAMINATE
148-1													20 MIN, PLASTIC LAMINATE
149-1											PD13		20 MIN, PLASTIC LAMINATE
151										DD11*	DD25		20 MIN, PLASTIC LAMINATE
152										DD11*	DD11*		20 MIN, PLASTIC LAMINATE
153										DD11*	DD11*		20 MIN, PLASTIC LAMINATE
204							7 3/4"		DD04*	DD11**	DD62	DD62	PLASTIC LAMINATE
205										DD11	DD22*		20 MIN, PLASTIC LAMINATE
208											DD22		20 MIN, PLASTIC LAMINATE
209											DD22		20 MIN, PLASTIC LAMINATE
214-1													20 MIN, PLASTIC LAMINATE
215-1													20 MIN, PLASTIC LAMINATE
216-1													20 MIN, PLASTIC LAMINATE
217-1													20 MIN, PLASTIC LAMINATE
218-1													20 MIN, PLASTIC LAMINATE
219-1											PD13		20 MIN, PLASTIC LAMINATE
220-1											PD11		20 MIN, PLASTIC LAMINATE
221-1											PD11		20 MIN, PLASTIC LAMINATE
222-1											PD13		20 MIN, PLASTIC LAMINATE
223-1											PD11		20 MIN, PLASTIC LAMINATE
224-1											PD11		20 MIN, PLASTIC LAMINATE
225-1											PD11		20 MIN, PLASTIC LAMINATE
226-1													20 MIN, PLASTIC LAMINATE
227-1											PD11		20 MIN, PLASTIC LAMINATE
228-1											PD13		20 MIN, PLASTIC LAMINATE
229-1													20 MIN, PLASTIC LAMINATE
230-1													20 MIN, PLASTIC LAMINATE
231-1													20 MIN, PLASTIC LAMINATE
232-1													20 MIN, PLASTIC LAMINATE
233-1													20 MIN, PLASTIC LAMINATE
235											DD41		20 MIN, PLASTIC LAMINATE
236										DD11	DD25		20 MIN, PLASTIC LAMINATE
237										DD11*	DD11*		20 MIN, PLASTIC LAMINATE
238											DD11*		20 MIN, PLASTIC LAMINATE
TYPE H	PR 3'-0"	7'-10"	1 3/4	HD	H	HM	5 3/4"	H	DD04			DD18	PAINTED WITH PRINCIPAL RE: DOOR TYPES
120-2							7 3/4"		DD04*	DD11**	DD41*		
120-3										DD41	DD11		20 MIN, PLASTIC LAMINATE
150-2										DD41	DD11*		20 MIN, PLASTIC LAMINATE
154-2										DD41	DD11*		20 MIN, PLASTIC LAMINATE
210										DD11	DD11	--	20 MIN, PLASTIC LAMINATE
234										DD36	DD41		20 MIN, PLASTIC LAMINATE
240										DD36	DD41		20 MIN, PLASTIC LAMINATE
TYPE I	3'-0"	7'-10"	1 3/4	HM	I	HM	7 3/4"	I	DD27	DD42		DD45	
101	4'-0"								DD40		PD31		
112	4'-0"										DD43		
126											DD44		
129											DD44		
150-1											PD02		
154-1											PD02		
GP-101									DD51	DD56	DD56	--	
GP-102									DD51	DD56	DD56	--	
GP-103									DD51	DD56	DD56	--	
TYPE J	PR 3'-0"	7'-10"	1 3/4	HD	J	HM	7 3/4"	J	DD04*	DD11**	DD62	DD18	
202													3, PLASTIC LAMINATE
TYPE K	PR 2'-6"	7'-10"	1 3/4	HD	K	HM	5 3/4"	K	DD04	DD11	DD11	--	PLASTIC LAMINATE
E1-3													
E2-3													
E3-3													
E4-3													
E5-3													
E6-3													
E7-3													
E8-3													
E9-3													
H1-3													
H2-3													
H3-3													
H4-3													
H5-3													
H6-3													
H7-3													
H8-3													
H9-3													

ALL REFERENCES PROVIDED UNDER EACH TYPE ARE APPLICABLE FOR ALL DOORS OF THAT TYPE UNLESS NOTED OTHERWISE.

REMARKS:
1. GLASS TOWARDS OFFICE.
2. GLASS TOWARDS STUDY.
3. GLASS TOWARD MEETING ROOM.

REFER TO RFI# 135 FOR DOOR 120-2

RFI 130 PEEP SIGHT LOCATIONS

RFI 110- DEPTH OF HM DOOR FRAME

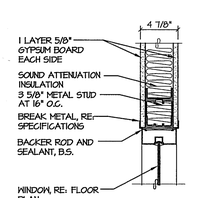
NOTE: DOOR HARDWARE IS SCHEDULED / REFERENCED IN SPECIFICATION SECTION 08710

DOOR SCHEDULE - KILGORE COLLEGE - RANGERETTE RESIDENCE * SIMILAR

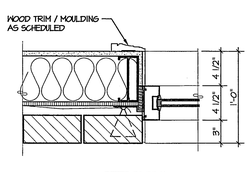
DOOR MARK	WIDTH	HEIGHT	THICK	TYPE	ELEV.	FRAME TYPE	FRAME WIDTH	FRAME ELEV.	DETAIL HEAD	DETAIL JAMB	DETAIL JAMB	DETAIL SILL	REMARKS
TYPE K	PR 2'-6"	7'-10"	1 3/4	HD	K	HM	5 3/4"	K	DD04	DD11	DD11	--	PLASTIC LAMINATE
214-3													
215-3													
216-3													
217-3													
218-3													
219-3													
220-3													
221-3													
222-3													
223-3													
224-3													
225-3													
226-3													
227-3													
228-3													
229-3													
230-3													
231-3													
232-3													
233-3													
TYPE L	2'-6"	7'-10"	1 3/4	HD	L	HM	5 3/4"	L	DD04	DD11	DD11	--	PLASTIC LAMINATE
108													PAINTED
128A	3'-0"												
E1-2													
E2-2													
E3-2													
E4-2													
E5-2													
E6-2													
E7-2													
E8-2													
E9-2													
H1-2													
H2-2													
H3-2													
140-2													
141-2													
142-2													
143-2													
144-2													
145-2													
146-2													
147-2													
148-2													
149-2	3'-0"												
214-2													
215-2													
216-2													
217-2													
218-2													
219-2													
220-2													
221-2													
222-2													
223-2													
224-2													
225-2													
226-2													
227-2													
228-2													
229-2													
230-2													
231-2													
232-2													
233-2													
TYPE M	PR 2'-6"	7'-10"	1 3/4	HD	M	HM	5 3/4"	M	DD46	DD47	DD47	--	PAINTED
105-2													
110-2	PR 3'-0"												
110-3													
TYPE N	PR 2'-6"	7'-10"	1 3/4	HD	N	HM	5 3/4"	N	DD04	DD11	DD11	--	PLASTIC LAMINATE
150-3													
149-3													
TYPE O	2'-0"	7'-10"	1 3/4	HD	O	HM	5 3/4"	O	DD04	DD11	DD36	--	PLASTIC LAMINATE
E1-4													
E2-4													
E3-4													
E4-4													
E5-4													
E6-4													
E7-4													
E8-4													
E9-4													
H0-4													
H1-4													
H2-4													
H3-4													
204-4													
220-4													
221-4													
222-4													
223-4													
224-4													
225-4													
226-4													
227-4													
228-4													
229-4													
230-4													
231-4													
232-4													
233-4													
TYPE P	3'-0"	7'-10"	1 3/4	HD	P	HM	5 3/4"	P	DD48	DD41	DD50		PAINTED
102	POCKET DOOR												
TYPE Q	9'-0"								DD52	DD53	DD53	DD54/DD52	
123	ELEVATOR DOORS (2)								REFER TO ELEVATOR MANUFACTURER FOR DETAILS				
TYPE R	PR 4'-0"	7'-0"	1 3/4	HM	R	HM	7 3/4"	R	DD60	DD61	DD61	DD45	
GP-100													

ALL REFERENCES PROVIDED UNDER EACH TYPE ARE APPLICABLE FOR ALL DOORS OF THAT TYPE UNLESS NOTED OTHERWISE.

Sheet A6.0
1. Room Finish Schedule, revise as follows:
.1 Room 101, revise base to read "rubber" and delete reference to ceiling height.
.2 Room 108, delete reference to ceramic tile under wall finishes.
.3 Room 112, revise base to read "rubber".
.4 Room 120, add "rubber" under base and under remarks add "rubber base to extend from stair to door frame at door 120-2 and around curved low partition back and terminate to the west wall".
.5 Room 121, under remarks note "Treads, risers and landing to be VC tile, install specified stair nosings".
.6 Room 122, revise ceiling to be "Painted Gyp. Brd.".
.7 Room 123, note balance of finishes are part of the specified elevator system.
.8 Room 124, revise the listed ceiling height to be 9'-0".
.9 Room 125, revise ceiling to be "Suspended Acoustical".
.10 Room 150, revise base to read "rubber".
.11 Room 151, revise the floor to read "Sealed Concrete". Under remarks note "Provide/install FRP panels at janitor sink – refer interior elevation.".
.12 Room 152, delete reference to ceiling height.
.13 Room 154, revise base to read "rubber".
.14 Room 205, revise base to read "rubber".
.15 Room 207, revise base to read "rubber", under remarks note "Treads, risers and landing to be VC tile, install specified stair nosings".
.16 Room 209, revise ceiling to read "Suspended Acoustical".
.17 Room 234, revise base to read "rubber".
.18 Room 235, revise ceiling to read "Painted Gyp. Brd.".
.19 Room 236, revise the floor to read "Sealed Concrete". Under remarks note "Provide/install FRP panels at janitor sink – refer interior elevation.".
.20 Room 237, delete reference to ceiling height.
.21 Room 238, revise floor finish to be "Sealed Concrete".
.22 Room 239, revise floor finish to be "rubber", revise base to read "rubber".
.23 Room 240, revise base to read "rubber".
.24 Add the following under notation "5. Note the wall in the residence unit bedroom opposite the entry to the toilet/closets is a tackable acoustical wallcovering bid under alternate number 4.". Key this note under the Typical Dorm Room Unit, Bedroom, under remarks.
.25 Note room finish schedule information for the Central Plant Building is provided on the floor plan, sheet
2. Door Detail DD01, delete note "Drywall Soffit at Sim Key, Re: Reflected Ceiling Plan" and provide "Brick Rowlock and Arched Head at Sim Key".

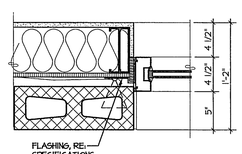


DD07 SCALE: 1 1/2" = 1'-0" FILE: DD07



REFER TO DD01 FOR NOTATION

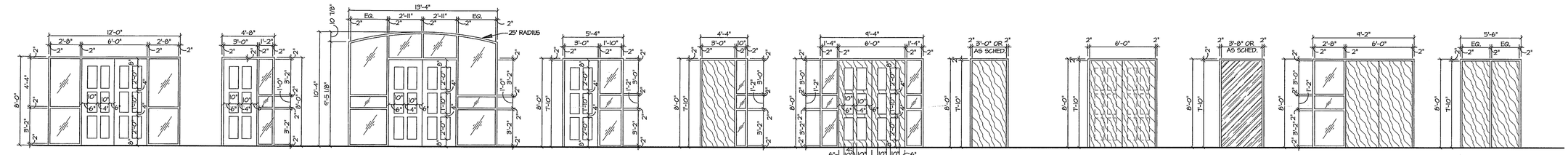
DD08 SCALE: 1 1/2" = 1'-0" FILE: DD08



REFER TO DD02 FOR ADDITIONAL NOTATION

DD09 SCALE: 1 1/2" = 1'

DOOR TYPES



TYPE "A"
ALUMINUM STOREFRONT ENTRANCE SYSTEM 1/4" EXTERIOR GLASS AT DOOR, 1" INSULATED AT FRAME

TYPE "B"
ALUMINUM STOREFRONT ENTRANCE SYSTEM SOLID GLAZING PANELS AT DOOR, 1" INSULATED AT FRAME

TYPE "C"
ALUMINUM STOREFRONT ENTRANCE SYSTEM 1/4" EXTERIOR GLASS AT DOOR, 1" INSULATED AT FRAME

TYPE "D"
ALUMINUM STOREFRONT ENTRANCE SYSTEM 1/4" EXTERIOR GLASS AT DOOR, 1" INSULATED AT FRAME

TYPE "E"
HOLLOW METAL FRAME WITH WOOD DOOR (PAINTED) AND INTERIOR GLASS AS SPECIFIED

TYPE "F"
HOLLOW METAL FRAME WITH WOOD DOOR (PAINTED) AND INTERIOR GLASS AS SPECIFIED

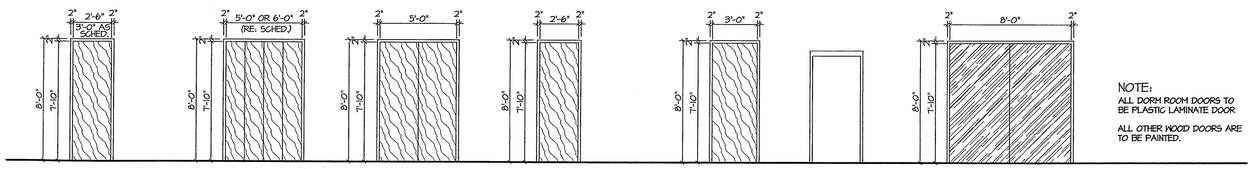
TYPE "G"
HOLLOW METAL FRAMES WITH WOOD DOOR (PAINTED OR PLASTIC LAMINATE AS SCHEDULED)

TYPE "H"
HOLLOW METAL FRAME WITH WOOD DOORS, LITE IN DOOR AS SCHEDULED (RE: TYPE F)

TYPE "I"
HOLLOW METAL FRAME WITH HOLLOW METAL DOOR

TYPE "J"
HOLLOW METAL FRAME WITH WOOD DOORS (PLASTIC LAMINATE) AND INTERIOR GLASS AS SPECIFIED

TYPE "K"
HOLLOW METAL FRAME WITH WOOD DOORS (PLASTIC LAMINATE)



TYPE "L"
HOLLOW METAL FRAME WITH WOOD DOOR (PLASTIC LAMINATE)

TYPE "M"
HOLLOW METAL FRAME (PAINTED) BIFOLD DOORS

TYPE "N"
HOLLOW METAL FRAME WITH WOOD DOOR (PLASTIC LAMINATE)

TYPE "O"
HOLLOW METAL FRAME WITH WOOD DOOR (PLASTIC LAMINATE)

TYPE "P"
Painted Door
HOLLOW METAL FRAME POCKET DOOR

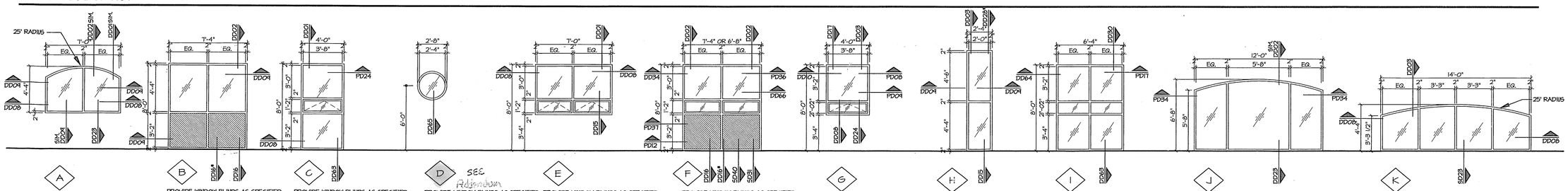
TYPE "Q"
ELEVATOR DOOR AS PER MANUFACTURER

TYPE "R"
HOLLOW METAL FRAME WITH HM DOOR

NOTE:
ALL DORM ROOM DOORS TO BE PLASTIC LAMINATE DOOR

ALL OTHER WOOD DOORS ARE TO BE PAINTED.

WINDOW ELEVATION



A
ALUMINUM STOREFRONT WINDOW WITH EXTERIOR 1" GLASS AS SPECIFIED. DELETE GLASS AT UNIT WITH LOUVER (RE: MEP).

B
PROVIDE WINDOW BLINDS AS SPECIFIED. ALUMINUM STOREFRONT WINDOW WITH EXTERIOR 1" GLASS AS SPECIFIED SPANDREL GLASS ONLY PER EXTERIOR ELEVATIONS

C
PROVIDE WINDOW BLINDS AS SPECIFIED. ALUMINUM STOREFRONT WINDOW WITH EXTERIOR 1" GLASS AS SPECIFIED.

D
SEE Addendum
PROVIDE WINDOW BLINDS AS SPECIFIED. ALUMINUM STOREFRONT WINDOW WITH EXTERIOR 1" GLASS AS SPECIFIED.

E
PROVIDE WINDOW BLINDS AS SPECIFIED. ALUMINUM STOREFRONT WINDOW WITH EXTERIOR 1" GLASS AS SPECIFIED.

F
PROVIDE WINDOW BLINDS AS SPECIFIED. ALUMINUM STOREFRONT WINDOW WITH EXTERIOR 1" GLASS AS SPECIFIED. SPANDREL GLASS, RE: EXTERIOR ELEVATIONS

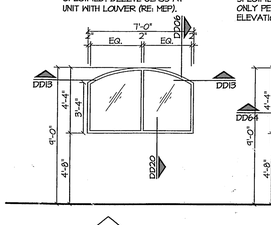
G
ALUMINUM STOREFRONT WINDOW WITH EXTERIOR 1" GLASS AS SPECIFIED. PROVIDE WINDOW BLINDS AS SPECIFIED.

H
ALUMINUM STOREFRONT WINDOW WITH EXTERIOR 1" GLASS AS SPECIFIED.

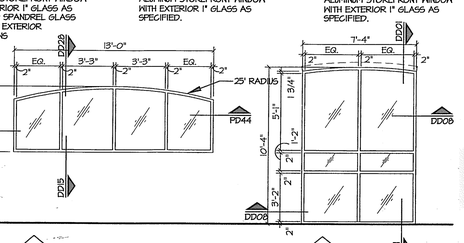
I
ALUMINUM STOREFRONT WINDOW WITH EXTERIOR 1" GLASS AS SPECIFIED.

J
ALUMINUM STOREFRONT WINDOW WITH EXTERIOR 1" GLASS AS SPECIFIED.

K
ALUMINUM STOREFRONT WINDOW WITH EXTERIOR 1" GLASS AS SPECIFIED.



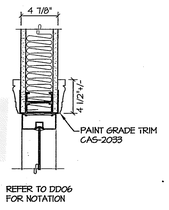
L
ALUMINUM STOREFRONT WINDOW WITH INTERIOR 1/4" GLASS AS SPECIFIED.



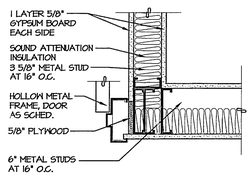
M
ALUMINUM STOREFRONT WINDOW WITH EXTERIOR 1" GLASS AS SPECIFIED.

N
ALUMINUM STOREFRONT WINDOW WITH EXTERIOR 1" GLASS AS SPECIFIED.

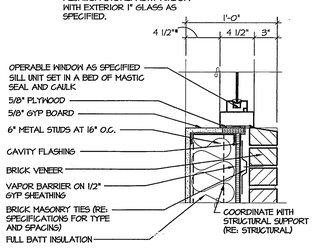
Sheet A6.1
1. Door Detail DD21, note this detail is not used.
2. Door Type "P", note this is a painted door.
3. Window Type "D", note to frame a square at/around the circular window to allow for the window blind to recess into the exterior wall.



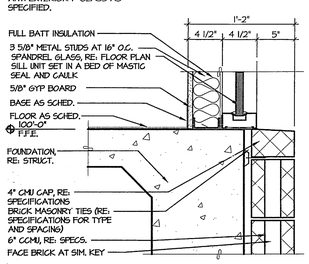
DD13 SCALE: 1 1/2" = 1'-0" FILE: DD13



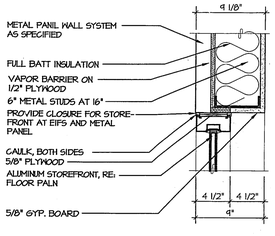
DD14 SCALE: 1 1/2" = 1'-0" FILE: DD14



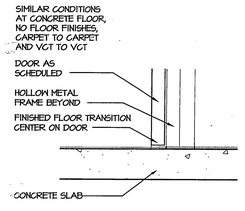
DD15 SCALE: 1 1/2" = 1'-0" FILE: DD15



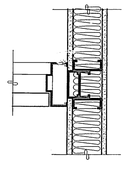
DD16 SCALE: 1 1/2" = 1'-0" FILE: DD16



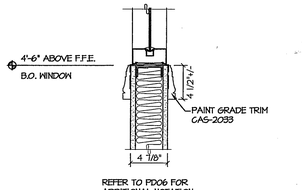
DD17 SCALE: 1 1/2" = 1'-0" FILE: DD17



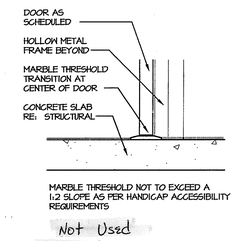
DD18 SCALE: 1 1/2" = 1'-0" FILE: DD18



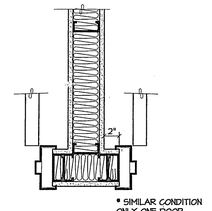
DD19 SCALE: 1 1/2" = 1'-0" FILE: DD19



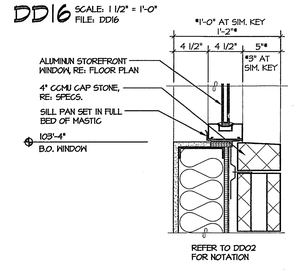
DD20 SCALE: 1 1/2" = 1'-0" FILE: DD20



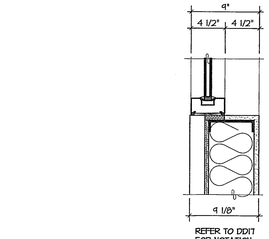
DD21 SCALE: 1 1/2" = 1'-0" FILE: DD21
Not Used



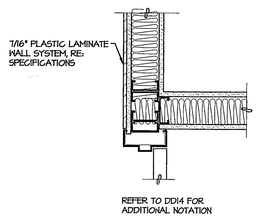
DD22 SCALE: 1 1/2" = 1'-0" FILE: DD22



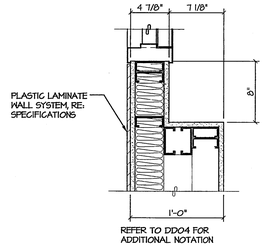
DD23 SCALE: 1 1/2" = 1'-0" FILE: DD23



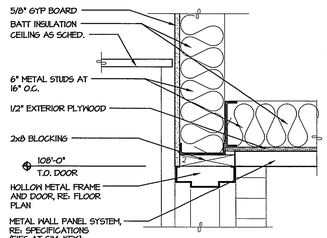
DD24 SCALE: 1 1/2" = 1'-0" FILE: DD24



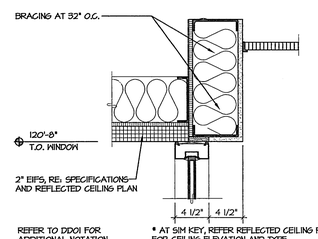
DD25 SCALE: 1 1/2" = 1'-0" FILE: DD25



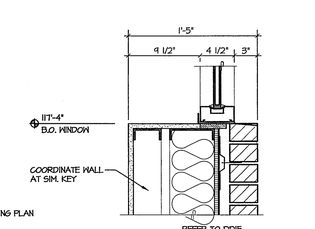
DD26 SCALE: 1 1/2" = 1'-0" FILE: DD26



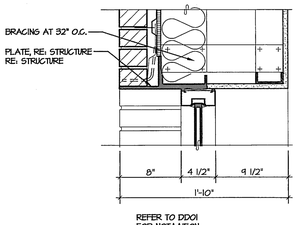
DD27 SCALE: 1 1/2" = 1'-0" FILE: DD27



DD28 SCALE: 1 1/2" = 1'-0" FILE: DD28



DD29 SCALE: 1 1/2" = 1'-0" FILE: DD29



DD30 SCALE: 1 1/2" = 1'-0" FILE: DD30

REGISTERED ARCHITECT
BRICE J. DAVIS
10872
STATE OF TEXAS
BRICE J. DAVIS
June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 •PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 •Fax 903.753.7317
Email: TDA@T-DArchitects.com
www.T-DArchitects.com

MEP ENGINEER
EMA
www.estesmcclure.com
Estes, McClure & Associates, Inc.
Engineering & Consulting
3608 Wren Way
Tyler, Texas 75703
phone: 903-581-2677 fax: 903-581-2721

STRUCTURAL ENGINEER
UBSE
UNIFIED BUILDING SCIENCES & ENGINEERING, INC.
405 International Parkway, Suite 209
Richardson, Texas 75081
Phone 972.783.8683 •Fax 972.783.8684
Email: Cadd2@UBSE.com
www.UBSE.com

KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE

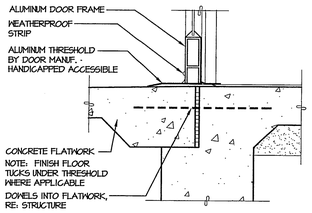
Kilgore, Texas

FILE NAME: 0421A6-1

PROJECT NUMBER: 0421

SHEET CONTENTS:
DOOR TYPES
WINDOW ELEVATIONS
DOOR DETAILS
WINDOW DETAILS

A 6.1



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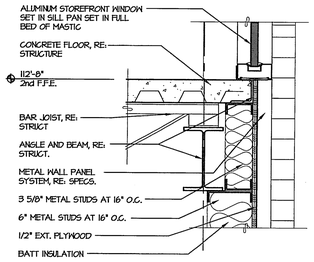
NOT USED



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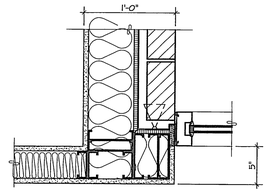

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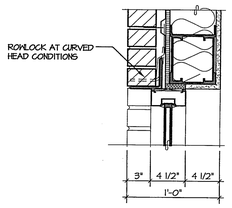

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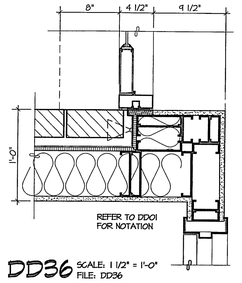

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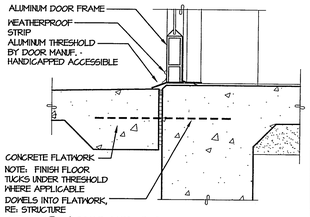

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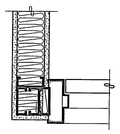
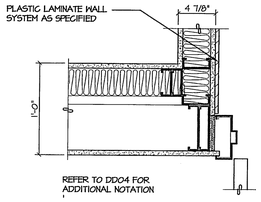


REFER TO DD04 FOR NOTATION

DD38 SCALE: 1 1/2" = 1'-0" FILE: DD38



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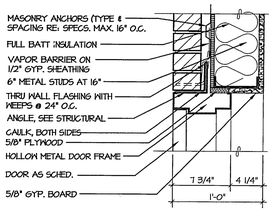

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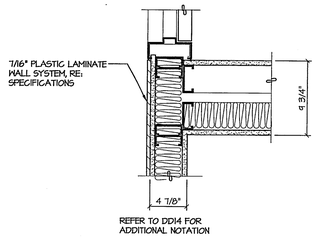

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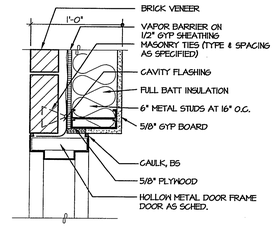

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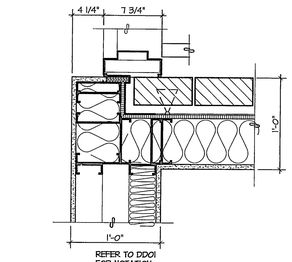

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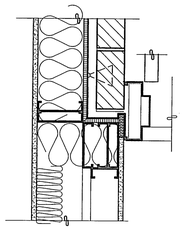
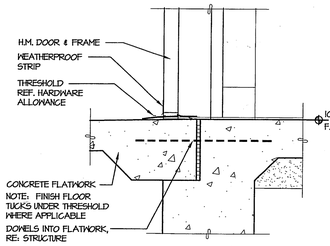


REFER TO DD01 FOR NOTATION

DD44 SCALE: 1 1/2" = 1'-0" FILE: DD44



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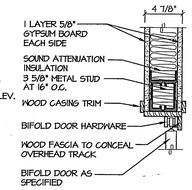

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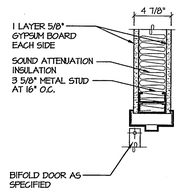

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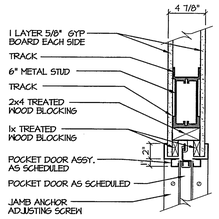

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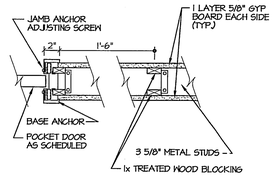

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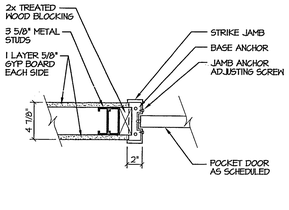
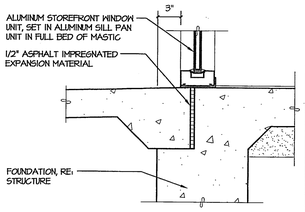
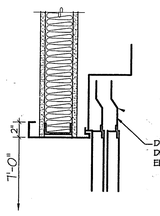


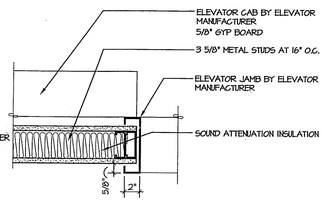
DD50 SCALE: 1 1/2" = 1'-0" FILE: DD50



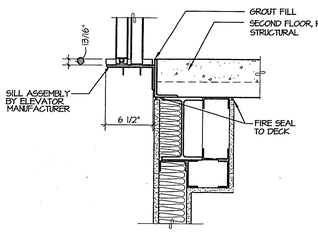
DD51 SCALE: 1 1/2" = 1'-0" FILE: DD51



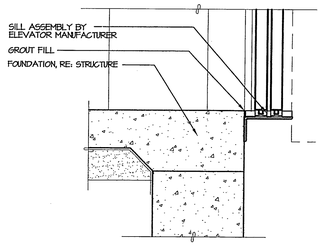
DD52 SCALE: 1 1/2" = 1'-0" FILE: DD52



DD53 SCALE: 1 1/2" = 1'-0" FILE: DD53



DD54 SCALE: 1 1/2" = 1'-0" FILE: DD54



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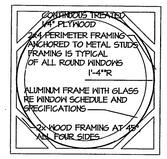
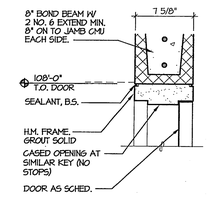
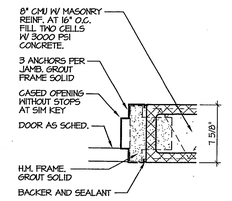


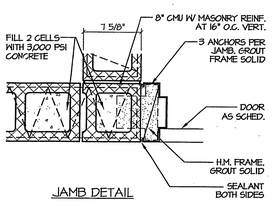
DD56 SCALE: 3" = 1'-0" FILE: DD56



DD57 SCALE: 1 1/2" = 1'-0" FILE: DD57

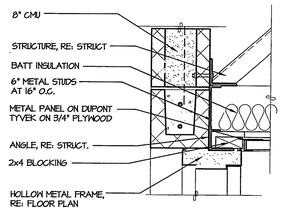


DD58 SCALE: 1 1/2" = 1'-0" FILE: DD58



JAMB DETAIL

DD59 SCALE: 1 1/2" = 1'-0" FILE: DD59



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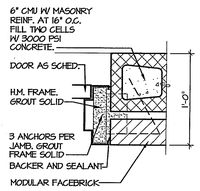

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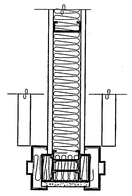
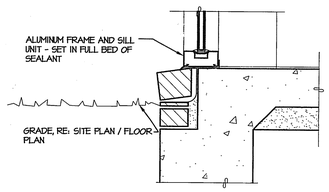


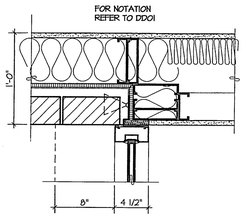
REFER TO DD04 FOR NOTATION

DD62 SCALE: 1 1/2" = 1'-0" FILE: DD62

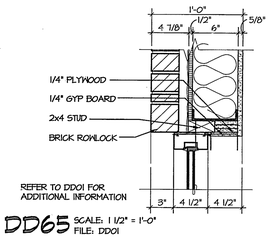


DD63 SCALE: 1 1/2" = 1'-0" FILE: DD63

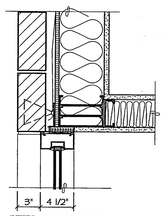
See Addendum



DD64 SCALE: 1 1/2" = 1'-0" FILE: DD64



DD65 SCALE: 1 1/2" = 1'-0" FILE: DD01



DD66 SCALE: 1 1/2" = 1'-0" FILE: PD31

Sheet A6.2

1. Door Detail DD46, revise this head to be hollow metal – coordinate for recessed pocket for pocket door track.
2. Door Detail DD63, revise the brick at this window sill to be two modular brick with a special shape sill unit (coordinate with SD13 for flashing).

REGISTERED ARCHITECT
BRICE J. DAVIS
June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 •PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 •Fax 903.753.7317
Email: TDA@T-DArchitects.com
www.T-DArchitects.com

MEP ENGINEER
EMA
www.estesmcclure.com
Estes, McClure & Associates, Inc.
Engineering & Consulting
3608 West Way
Tyler, Texas 75703
phone: 903-581-2677 fax: 903-581-2721

STRUCTURAL ENGINEER
UBS
UNIFIED BUILDING SCIENCES & ENGINEERING, INC.
405 International Parkway, Suite 209
Richardson, Texas 75081
Phone 972.783.8683 •Fax 972.783.8684
Email: Cadd2@UBSE.com
www.UBSE.com

KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE

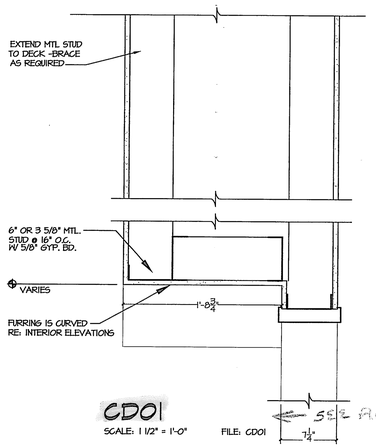
Kilgore, Texas

FILE NAME: 0421A6-2

PROJECT NUMBER: 0421

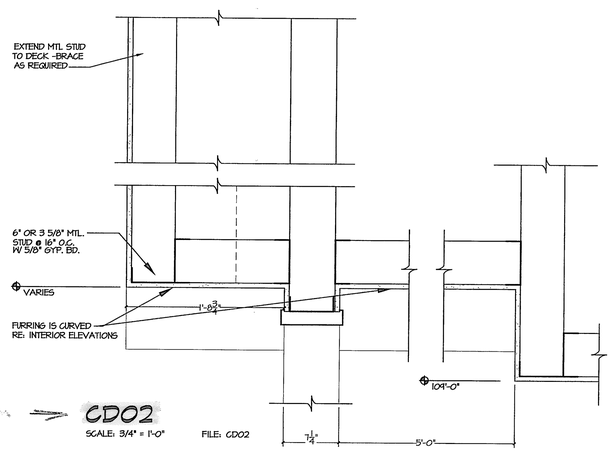
SHEET CONTENTS:
DOOR DETAILS
WINDOW DETAILS

A 6.2



CD01

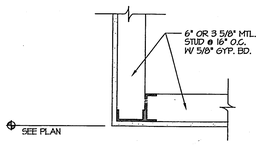
SCALE: 1 1/2" = 1'-0" FILE: CD01



See Addendum

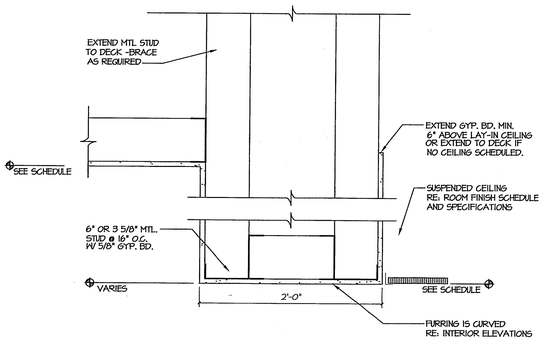
CD02

SCALE: 3/4" = 1'-0" FILE: CD02



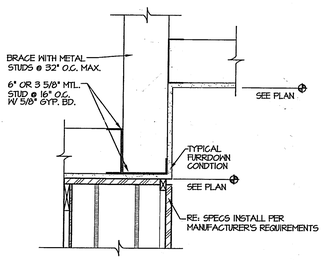
CD03

SCALE: 1 1/2" = 1'-0" FILE: CD03



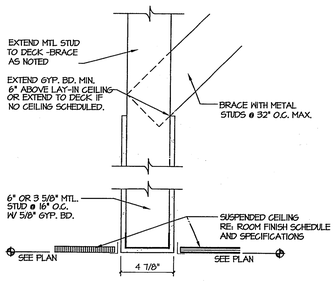
CD04

SCALE: 3/4" = 1'-0" FILE: CD04



CD05

SCALE: 1 1/2" = 1'-0" FILE: CD05



CD06

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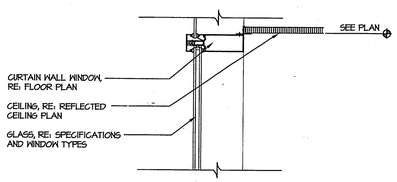


CD07 2/12/12

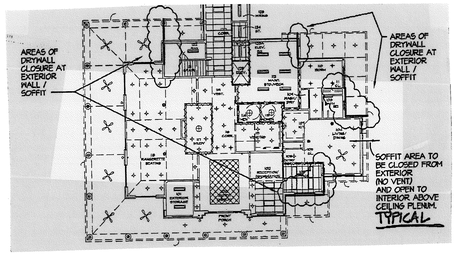
SCALE: 1 1/2" = 1'-0" FILE: CD07

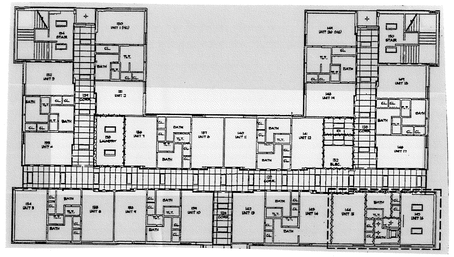
Sheet A7.0

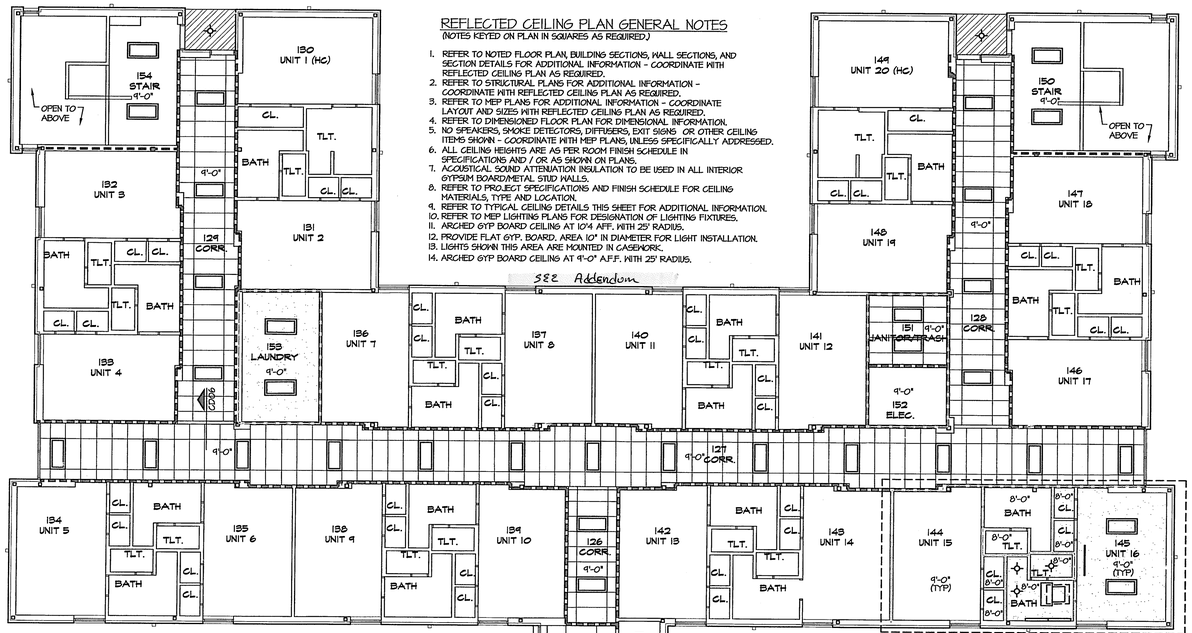
1. Ceiling Details CD01/02, note wood trim and molding at opening.
2. Delete ceiling detail CD07.
3. First Floor Reflected Ceiling Plan, delete reference to CD07 in Office 103.
4. Reflected Ceiling Plan, note that all rated partitions will have sound attenuation insulation in addition to the rooms as defined.

Sheet A7.0

1. Reflected Ceiling Plan, delete reference to soffit vents as noted/shown. The EIFS soffit will be continuous without venting. The soffit plenum will be open to the interior ceiling plenum in all cases. The soffit/fascia framing will have 6 ½" batt insulation installed for a continuous thermal barrier from exterior wall to soffit to roofline. Coordinate drywall sound barriers at the soffit plenum as outlined on the attached drawing ADD3.1. In all cases the sound barriers will be constructed out of the same partition type as the wall being extended.
2. Ceiling Detail CD04, revise the listed furring elevation "VARIES" to read "MATCH CD05".
3. Ceiling Detail CD05, revise the listed furring elevation "SEE PLAN" to read "COORDINATE WITH CASEWORK INSTALLATION".







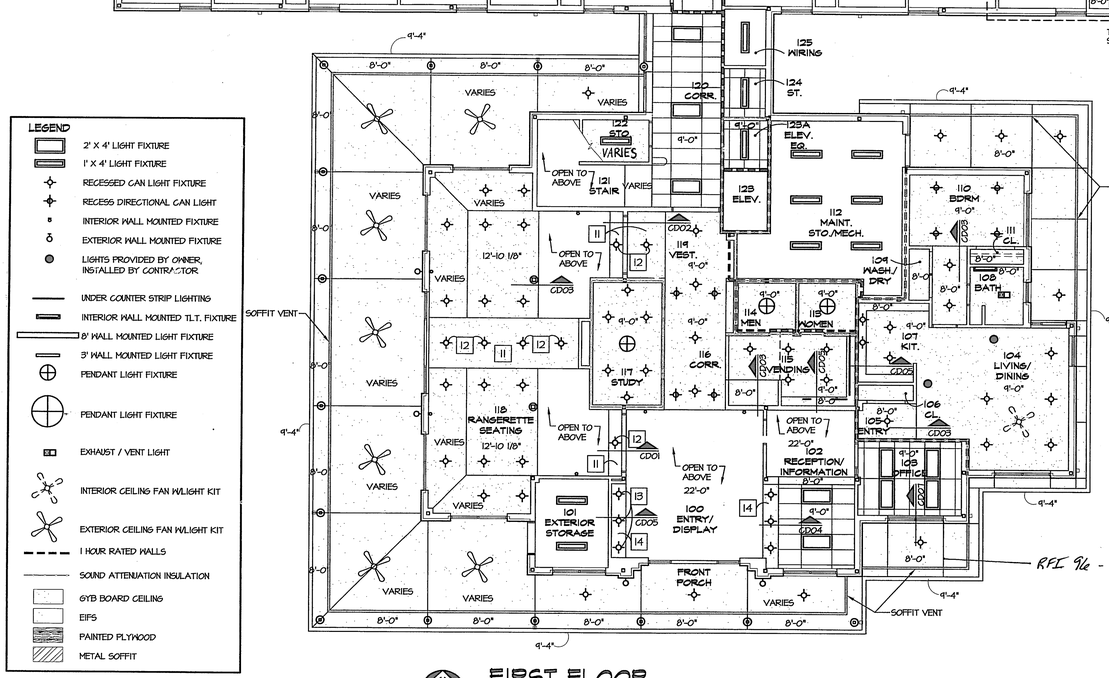
TYPICAL UNIT LIGHTING, CEILING HEIGHTS, SOUND BATT INSULATION

REFLECTED CEILING PLAN GENERAL NOTES

(NOTES KEYED ON PLAN IN SQUARES AS REQUIRED.)

1. REFER TO NOTED FLOOR PLAN, BUILDING SECTIONS, WALL SECTIONS, AND SECTION DETAILS FOR ADDITIONAL INFORMATION - COORDINATE WITH REFLECTED CEILING PLAN AS REQUIRED.
2. REFER TO STRUCTURAL PLANS FOR ADDITIONAL INFORMATION - COORDINATE WITH REFLECTED CEILING PLAN AS REQUIRED.
3. REFER TO MEP PLANS FOR ADDITIONAL INFORMATION - COORDINATE LAYOUT AND SIZES WITH REFLECTED CEILING PLAN AS REQUIRED.
4. REFER TO DIMENSIONED FLOOR PLAN FOR DIMENSIONAL INFORMATION.
5. NO SPEAKERS, SMOKE DETECTORS, DIFFUSERS, EXIT SIGNS OR OTHER CEILING ITEMS SHOWN - COORDINATE WITH MEP PLANS, UNLESS SPECIFICALLY ADDRESSED.
6. ALL CEILING HEIGHTS ARE AS PER ROOM FINISH SCHEDULE IN SPECIFICATIONS AND / OR AS SHOWN ON PLANS.
7. ACOUSTICAL SOUND ATTENUATION INSULATION TO BE USED IN ALL INTERIOR GYPSUM BOARD/METAL STUD WALLS.
8. REFER TO PROJECT SPECIFICATIONS AND FINISH SCHEDULE FOR CEILING MATERIALS, TYPE AND LOCATION.
9. REFER TO TYPICAL CEILING DETAILS THIS SHEET FOR ADDITIONAL INFORMATION.
10. REFER TO MEP LIGHTING PLANS FOR DESIGNATION OF LIGHTING FIXTURES.
11. ARCHED GYP BOARD CEILING AT 10'4 AFF. WITH 25' RADIUS.
12. PROVIDE FLAT GYP. BOARD, AREA 10' IN DIAMETER FOR LIGHT INSTALLATION.
13. LIGHTS SHOWN THIS AREA ARE MOUNTED IN CASEWORK.
14. ARCHED GYP BOARD CEILING AT 9'-0" A.F.F. WITH 25' RADIUS.

See Addendum



RFI 96 - Joints in EIFS

LEGEND

- 2' X 4' LIGHT FIXTURE
- 1' X 4' LIGHT FIXTURE
- RECESSED CAN LIGHT FIXTURE
- RECESS DIRECTIONAL CAN LIGHT
- INTERIOR WALL MOUNTED FIXTURE
- EXTERIOR WALL MOUNTED FIXTURE
- LIGHTS PROVIDED BY OWNER, INSTALLED BY CONTRACTOR
- UNDER COUNTER STRIP LIGHTING
- INTERIOR WALL MOUNTED TLT. FIXTURE
- 8' WALL MOUNTED LIGHT FIXTURE
- 3' WALL MOUNTED LIGHT FIXTURE
- PENDANT LIGHT FIXTURE
- PENDANT LIGHT FIXTURE
- EXHAUST / VENT LIGHT
- INTERIOR CEILING FAN W/LIGHT KIT
- EXTERIOR CEILING FAN W/LIGHT KIT
- 1 HOUR RATED WALLS
- SOUND ATTENUATION INSULATION
- GYB BOARD CEILING
- EIFS
- PAINTED PLYWOOD
- METAL SOFFIT

NORTH

FIRST FLOOR REFLECTED CEILING PLAN

SCALE: 1/8" = 1'-0"
FILE: RFC1

REGISTERED ARCHITECT BRICE J. DAVIS 10875 STATE OF TEXAS

BRICE J. DAVIS
June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 P.O. Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 Fax 903.753.7317
Email: TDA@T-DArchitects.com
www.T-DArchitects.com

MEP ENGINEER

EMA
www.estesmcclure.com
Estes, McClure & Associates, Inc.
Engineering & Consulting
3608 West Way
Tyler, Texas 75703
phone: 903-581-2677 fax: 903-581-2721

STRUCTURAL ENGINEER

UNIFIED BUILDING SCIENCES & ENGINEERING, INC.
405 International Parkway, Suite 209
Richardson, Texas 75081
Phone 972.783.8683 Fax 972.783.8684
Email: Cadd2@UBSE.com
www.UBSE.com

KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE

Kilgore, Texas

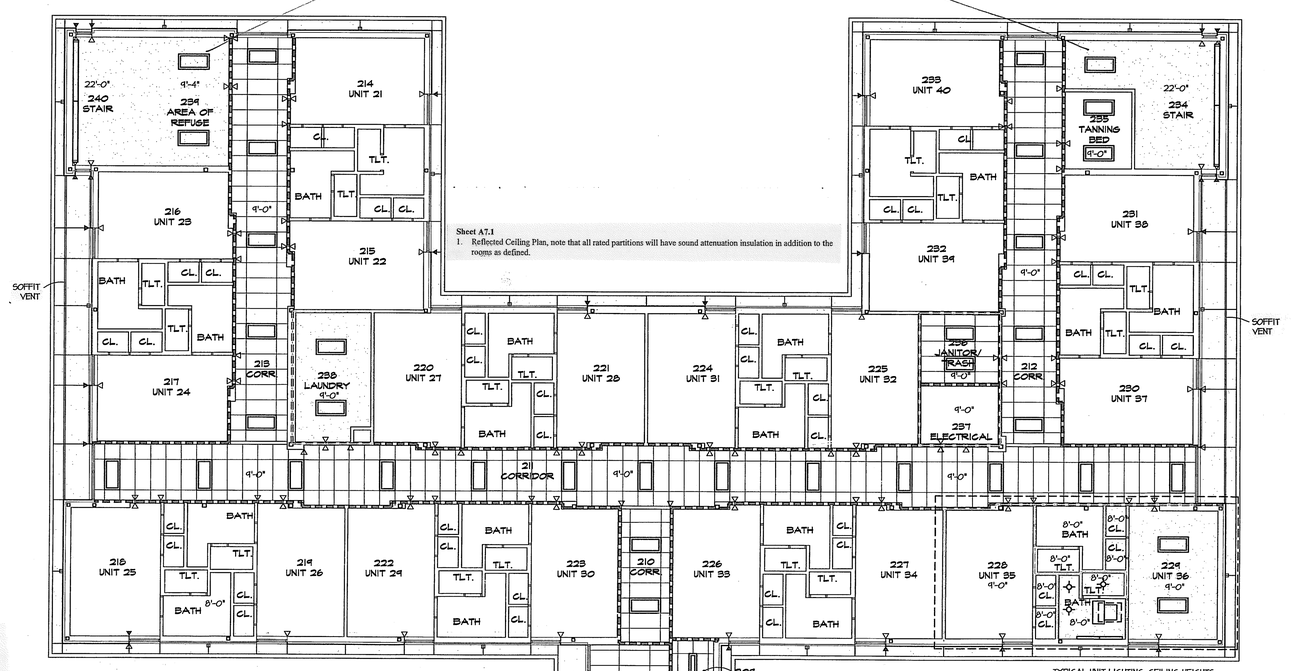
FILE NAME: 0421A7-0

PROJECT NUMBER: 0421

SHEET CONTENTS:
REFLECTED CEILING PLAN
FIRST FLOOR
CEILING DETAILS

A 7.0

RFI 81 CEILING HEIGHT



Sheet A7.1
1. Reflected Ceiling Plan, note that all rated partitions will have sound attenuation insulation in addition to the rooms as defined.

TYPICAL UNIT LIGHTING, CEILING HEIGHTS, SOUND BATT INSULATION

Sheet A7.1
1. Reflected Ceiling Plan, note the west wall of Storage 204 should not be listed as a rated partition.
2. Reflected Ceiling Plan, Meeting Room 202, show six recessed can light fixtures as added this addendum by the MEP attachment.

REFLECTED CEILING PLAN GENERAL NOTES
(NOTES KEYED ON PLAN IN SQUARES AS REQUIRED.)

1. REFER TO NOTED FLOOR PLAN, BUILDING SECTIONS, WALL SECTIONS, AND SECTION DETAILS FOR ADDITIONAL INFORMATION - COORDINATE WITH REFLECTED CEILING PLAN AS REQUIRED.
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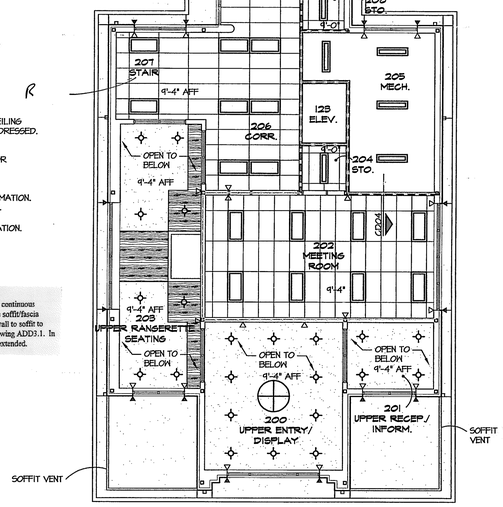
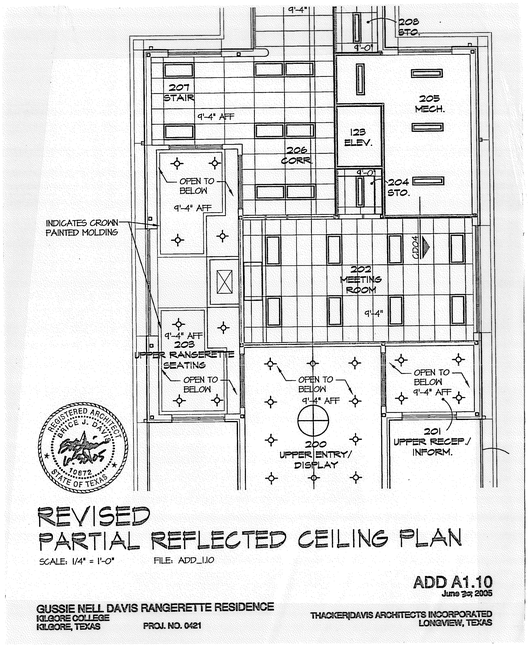
6. ALL CEILING HEIGHTS ARE AS PER ROOM FINISH SCHEDULE IN SPECIFICATIONS AND / OR AS SHOWN ON PLANS.
7. ACOUSTICAL SOUND ATTENUATION INSULATION TO BE USED IN ALL INTERIOR GYPSUM BOARD/METAL STUD WALLS.
8. REFER TO PROJECT SPECIFICATIONS AND FINISH SCHEDULE FOR CEILING MATERIALS, TYPE AND LOCATION.
9. REFER TO TYPICAL CEILING DETAILS THIS SHEET FOR ADDITIONAL INFORMATION.
10. REFER TO MEP LIGHTING PLANS FOR DESIGNATION OF LIGHTING FIXTURES.
11. ARCHED GYP BOARD CEILING AT 10'4 AFF. WITH 25' RADIUS.
12. PROVIDE FLAT GYP. BOARD, AREA 10' IN DIAMETER FOR LIGHT INSTALLATION.
13. LIGHTS SHOWN THIS AREA ARE MOUNTED IN CASEWORK.
14. ARCHED GYP BOARD CEILING AT 9'-0" A.F.F. WITH 25' RADIUS.

Sheet A7.1
1. Reflected Ceiling Plan, delete reference to soffit vents as noted/shown. The EIFS soffit will be continuous without venting. The soffit plenum will be open to the interior ceiling plenum in all cases. The soffit/fascia framing will have 6 ¼" batt insulation installed for a continuous thermal barrier from exterior wall to soffit to roofline. Coordinate drywall sound barriers at the soffit plenum as outlined on the attached drawing ADD3.1. In all cases the sound barriers will be constructed out of the same partition type as the wall being extended.





REVISED
PARTIAL REFLECTED CEILING PLAN

SCALE: 1/4" = 1'-0" FILE: ADD_1.10

ADD A1.10
June 3rd 2005

GUSSIE NELL DAVIS RANGERETTE RESIDENCE
KILGORE COLLEGE
KILGORE, TEXAS PROJ. NO. 0421

THACKER|DAVIS ARCHITECTS INCORPORATED
LONGVIEW, TEXAS

NORTH

SECOND FLOOR REFLECTED CEILING PLAN

SCALE: 1/8" = 1'-0"
FILE: RFC1

LEGEND
- 2' X 4' LIGHT FIXTURE
- 1' X 4' LIGHT FIXTURE
- RECESSED CAN LIGHT FIXTURE
- RECESS DIRECTIONAL CAN LIGHT
- INTERIOR WALL MOUNTED FIXTURE
- EXTERIOR WALL MOUNTED FIXTURE
- LIGHTS PROVIDED BY OWNER, INSTALLED BY CONTRACTOR
- UNDER COUNTER STRIP LIGHTING
- INTERIOR WALL MOUNTED TLT. FIXTURE
- 8' WALL MOUNTED LIGHT FIXTURE
- 3' WALL MOUNTED LIGHT FIXTURE
- PENDANT LIGHT FIXTURE
- PENDANT LIGHT FIXTURE
- EXHAUST / VENT LIGHT
- INTERIOR CEILING FAN W/LIGHT KIT
- EXTERIOR CEILING FAN W/LIGHT KIT
- 1 HOUR RATED WALLS
- SOUND ATTENUATION INSULATION
- GYB BOARD CEILING
- EIFS
- PAINTED PLYWOOD
- METAL SOFFIT

REGISTERED ARCHITECT BRICE J. DAVIS 10972 STATE OF TEXAS
BRICE J. DAVIS
June 14, 2005

THACKER | DAVIS ARCHITECTS
I N C O R P O R A T E D
Member American Institute of Architects
1100 Judson Rd., Suite 620 •PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 •Fax 903.753.7317
Email: T D A @ T - D Architects . com
w w w . T - D Architects . com

MEP ENGINEER
EMA
www.estesmcclure.com
Estes, McClure & Associates, Inc.
Engineering & Consulting
3608 West Way
Tyler, Texas 75703
phone: 903-581-2677 fax: 903-581-2721

STRUCTURAL ENGINEER
UBSE
UNIFIED BUILDING SCIENCES & ENGINEERING, INC.
405 International Parkway, Suite 209
Richardson, Texas 75081
Phone 972.783.8683 Fax 972.783.8684
Email: Cadd2@UBSE.com
www.UBSE.com

KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE

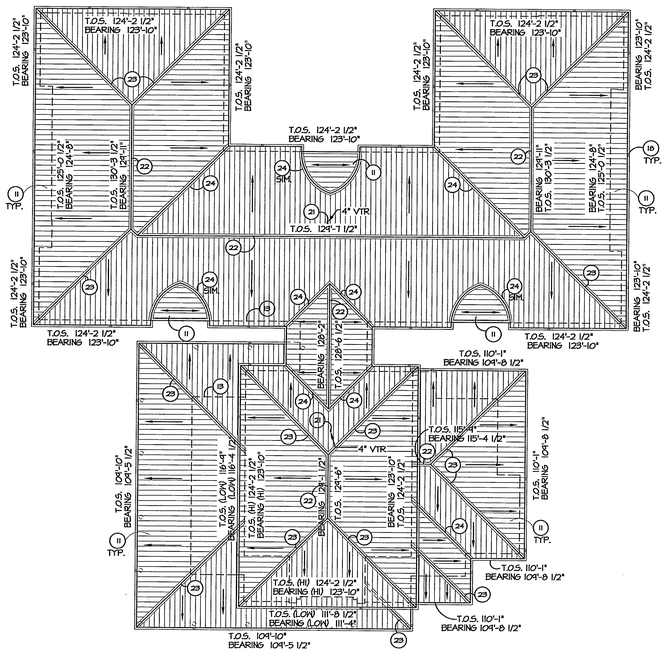
Kilgore, Texas

FILE NAME: 0421A7-0

PROJECT NUMBER: 0421

SHEET CONTENTS: REFLECTED CEILING PLAN SECOND FLOOR

A 7.1


T.O.S. 124'-2 1/2" BEARING 123'-10"
T.O.S. 124'-2 1/2" BEARING 123'-10"
T.O.S. 124'-2 1/2" BEARING 123'-10"

GENERAL NOTES

GENERAL

1. THIS PROJECT SHALL MEET ALL REQUIREMENTS OF THE 2000 INTERNATIONAL BUILDING CODE AND THE CITY OF KIGORE, TEXAS.
2. LIVE LOADS:

ROOF	20 PSF
FLOOR	80 PSF
PARTITIONS	20 PSF
CORRIDORS	80 PSF
WIND	15 PSF
UPLIFT (NET)	8 PSF

3. FOUNDATIONS ARE DESIGNED TO MEET THE RECOMMENDATIONS CONTAINED IN A REPORT PREPARED FOR THIS PROJECT BY ETTL INC., DATED MAY 18, 2005.
4. FOUNDATION DESIGN IS BASED ON AN ALLOWABLE BEARING VALUE OF 4000. PSF IN UNDISTURBED NATIVE SOIL, AT AN AVERAGE OF 14 FEET BELOW FINISH FLOOR.
5. DRILLED PIER SHAFT AND BELL SIZES SHOWN ARE MINIMUM PER STRUCTURAL REQUIREMENTS.
6. STRUCTURAL FILL MATERIAL SHALL HAVE A MINIMUM PLASTICITY INDEX OF 8 AND A MAXIMUM PLASTICITY INDEX OF 18 WITH A LIQUID LIMIT OF 40 OR LESS, AND SHALL BE COMPACTED TO A MINIMUM DENSITY OF 95% OF ASTM D698 (STANDARD PROCTOR) UNLESS OTHERWISE NOTED. BRACE ALL WALLS AND GRADE BEAMS AS REQUIRED DURING COMPACTION OPERATION.
7. GRADE BEAM DEPTHS SHALL BE INCREASED, IF NECESSARY BY CHANGE ORDER, TO EXTEND A MINIMUM OF 1'-6" BELOW FINISHED GRADE.
8. ALL GRADE BEAMS AND WALLS SHALL BE SUPPORTED ON 12" TRAPEZOIDAL CARTON FORMS COATED WITH PARAFFIN CONTAINING 10% POLYETHYLENE AND DESIGNED TO CARRY THE WET CONCRETE.
9. CONCRETE ELEMENTS SHALL BE FORMED WITH LUMBER, PLYWOOD OR STEEL. SEE SPECIFICATIONS.
10. FORMED CONCRETE SURFACES TO BE EXPOSED SHALL BE RUBBED WITHIN 24 HOURS AFTER POURING.
11. ALL PIERS SHALL BE CENTERED UNDER GRADE BEAMS, WALLS AND COLUMNS UNLESS OTHERWISE SHOWN.
12. SHOP DRAWINGS: THREE PRINTS AND ONE SEPIA TRACING OF EACH DRAWING ARE TO BE SUBMITTED TO THE STRUCTURAL ENGINEER FOR REVIEW. DISTRIBUTION OF PRINTS IS TO BE MADE ONLY FROM RETURNED SEPIAS BEARING A SIGNED REVIEW STAMP. NO WORK ON ITEMS SHOWN THERON IS TO PROCEED UNLESS THE STAMP CLEARLY INDICATES "NO EXCEPTIONS TAKEN" OR "MAKE CORRECTIONS NOTED". GENERAL CONTRACTOR SHALL PRECHECK ALL SHOP DRAWINGS BEFORE SUBMISSION TO ENGINEER FOR REVIEW. THE CONTRACTOR SHALL ALLOW THE ENGINEER TWO WEEKS FOR REVIEWING SHOP DRAWINGS.
13. STRUCTURAL DRAWINGS MAY NOT BE USED AS SHOP DRAWINGS.
14. ALL SHELF L'S AND BOLTS TO BE GALVANIZED.
15. PROVIDE ALL CONCRETE PADS, TRAPS, BASINS, ETC., SHOWN ON MECHANICAL DRAWINGS WHERE INDICATED TO BE SUPPLIED BY GENERAL CONTRACTOR.
16. THE GENERAL CONTRACTOR SHALL VERIFY THE SIZE, WEIGHT OF EQUIPMENT, OPENINGS, CLEARANCES, ETC. OF ALL MECHANICAL AND ELECTRICAL EQUIPMENT RELEVANT TO CONFLICT WITH STRUCTURAL ELEMENTS. NOTIFY STRUCTURAL ENGINEER IN WRITING OF CHANGES OR CONFLICTS FROM THOSE SHOWN ON PLAN.
17. THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS SHOWN ON THE STRUCTURAL DRAWINGS WITH THE ARCHITECTURAL DRAWINGS. IN CASE OF DISCREPANCY BETWEEN ARCHITECTURAL AND STRUCTURAL DRAWINGS, CONTRACTOR IS TO NOTIFY ARCHITECT AND OBTAIN CLARIFICATION IN WRITING PRIOR TO PROCEEDING.
18. THESE PLANS AND ACCOMPANYING SPECIFICATIONS DO NOT PURPORT TO ADDRESS CONSTRUCTION SAFETY CONCERNS, IF ANY, ASSOCIATED WITH THE IMPLEMENTATION OF THE CONSTRUCTION DEPICTED HEREIN. IT IS THE RESPONSIBILITY OF THE USER OF THESE PLANS AND SPECIFICATIONS TO ESTABLISH APPROPRIATE SAFETY PRACTICES AND TO DETERMINE THE APPLICABILITY OF REGULATING REQUIREMENTS PRIOR TO USE.

CONCRETE

1. REINFORCEMENT SHALL BE FABRICATED AND PLACED IN CONFORMITY WITH THE LATEST VERSION OF THE "ACI STANDARD BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" (ACI 318).
2. ALL CONCRETE CONSTRUCTION TO COMPLY WITH "ACI SPECIFICATION FOR STRUCTURAL CONCRETE" (ACI-301), POURED IN PLACE CONCRETE SHALL STRICTLY ADHERE TO THE PROPORTIONS ESTABLISHED IN DESIGN MIXES, CONSISTING OF THE ACTUAL MATERIALS TO BE USED DURING CONSTRUCTION, FOR THE SEVERAL STRENGTHS AND USES INTENDED. THESE DESIGN MIXES ARE TO BE PREPARED BY A PREQUALIFIED LABORATORY, AND THE MATERIALS AND TEST RESULTS ARE TO BE REVIEWED BY THE ENGINEER AND OWNER'S LAB REPRESENTATIVE PRIOR TO USE.
3. POURED IN PLACE CONCRETE IS TO BE NORMAL WEIGHT AND IS TO DEVELOP A MINIMUM COMPRESSIVE STRENGTH F'C OF 3000 PSI AT 28 DAYS UNLESS NOTED OTHERWISE.
4. UNLESS NOTED, METAL REINFORCEMENT FOR POURED IN PLACE CONCRETE IS TO ASTM A-615, GRADE 60 EXCEPT AS NOTED. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185.
5. THE CONTRACTOR SHALL VERIFY THE PRESENCE, LOCATIONS, SIZES, AND CORRECTNESS OF ALL OPENINGS, SLAB DEPRESSIONS AND EMBEDMENTS REQUIRED PRIOR TO CONCRETING. NO OPENINGS SHALL BE PERMITTED THROUGH BEAMS, JOISTS OR COLUMNS UNLESS SHOWN ON THE STRUCTURAL DRAWINGS OR APPROVED IN WRITING BY THE STRUCTURAL ENGINEER.
6. PROPER ACCESSORIES/SUPPORTS ARE TO BE USED AS NOTED AND REVIEWED ON THE SHOP DRAWINGS. PROVIDE GALVANIZED OR PLASTIC COATED CHAIRS AND BAR SUPPORTS AT SOFFITS OF ALL EXPOSED MEMBERS. ALL REINFORCING TO BE SECURELY AND ACCURATELY HELD IN LOCATIONS SHOWN ON PLANS.
7. CONSTRUCTION JOINTS OF ALL TYPES MAY BE USED ONLY WHERE SHOWN ON THE FABRICATOR'S REVIEWED PLACING DRAWINGS.
8. PROVIDE STANDARD 90-DEGREE HOOKS ON ALL BARS AT BEAM ENDS. IF BEAM DEPTH IS PROHIBITIVE, USE STANDARD 180-DEGREE HOOK.
9. BARS SCHEDULED AS CONTINUOUS SHALL BE LAPPED 38 BAR DIAMETERS AND SPLICED AS FOLLOWS: TOP BARS AT CENTERLINE OF ANY SPAN. BOTTOM BARS OVER ANY SUPPORT.
10. UNLESS OTHERWISE SHOWN, ALL SLABS AND STEPS ON FILL SHALL BE REINFORCED WITH #3 BARS AT 16" CENTERS EACH WAY, SUPPORTED TWO INCHES FROM THE TOP OF SLAB, LAP 12" AT SPLICES.
11. POUR SLABS ON GRADE IN SECTIONS NOT TO EXCEED 400 SF SEPARATED BY KEYED OR DOWELED CONSTRUCTION CONTROL JOINTS OR SAWED JOINTS. NO DIMENSION IN EITHER DIRECTION IS TO EXCEED 20'-0".

STRUCTURAL STEEL

1. ALL STRUCTURAL STEEL SHALL BE FABRICATED AND ERECTED IN CONFORMITY WITH THE REQUIREMENTS OF THE 9TH EDITION, AISC "MANUAL OF STEEL CONSTRUCTION" (ASD).
2. UNLESS OTHERWISE SHOWN OR NOTED, CONNECTIONS AT NON-CONTINUOUS JOINTS SHALL BE DETAILED AS REQUIRED BY PART 4 OF THE ASD. CONNECTIONS AT NON-COMPOSITE BEAMS SHALL BE DESIGNED FOR 55% OF THE ALLOWABLE LOAD BASED ON BEAM LENGTH, AS TABULATED IN PART 2 OF THE ASD. FIELD CONNECTIONS AT NON-CONTINUOUS JOINTS ARE TO BE BOLTED OR WELDED, SHOP CONNECTIONS TO BE WELDED.
3. EXCEPT AS SHOWN OR NOTED, ALL WIDE FLANGE SHAPES TO MEET ASTM A-992. ALL CHANNELS, ANGLES, AND PLATES TO MEET ASTM A-36. TUBE STEEL TO BE FY=46 KSI, ASTM A500, GRADE B.
4. ALL WELDS SHALL BE MADE ONLY BY PREQUALIFIED WELDERS PER AWS D1.1. ALL WELDS SHALL BE MADE USING E70 ELECTRODES. ALL WELDS TO BE MINIMUM 3/16 INCH CONTINUOUS FILLET WELDS UNLESS NOTED OTHERWISE.
5. ERECTION TOLERANCES SHALL CONFORM TO THE AISC CODE OF STANDARD PRACTICE EXCEPT THAT THE MAXIMUM TOTAL DISPLACEMENT AT THE CENTERLINES OF ANY COLUMN FROM THE ESTABLISHED COLUMN CENTERLINES SHALL NOT EXCEED 1/2 INCH AT ANY LEVEL.
6. PROVIDE BOLTS AND PUNCH HOLES IN STRUCTURAL AND MISCELLANEOUS METAL FOR ATTACHMENT OF WOOD NAILERS AS REQUIRED ON THE ARCHITECTURAL, MECHANICAL, OR STRUCTURAL DRAWINGS.
7. PROVIDE BRIDGING, BRACING, HEADERS, AND HANGERS AS REQUIRED FOR STEEL JOISTS, PER REQUIREMENTS OF SJI.
8. ALL STRUCTURAL AND MISCELLANEOUS METAL IS TO BE CLEANED PRIOR TO SHOP PAINTING AND SHIPMENT IN ACCORDANCE WITH THE STRUCTURAL STEEL PAINTING COUNCIL REQUIREMENTS FOR THE FOLLOWING GRADE: POWER TOOL.
9. SHOP PAINTING SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS: TRUSSED STEEL JOISTS, MIL-P-53030. SHAPES, PLATES ETC., MIL-P-53030. BRUSH APPLIED 1.5 MIL MINIMUM. SPRAY APPLIED 1.5. MIL MINIMUM.
10. ALL PIPING, LARGER THAN 4", PARALLEL TO JOISTS, SHALL BE HUNG FROM A MINIMUM OF TWO JOISTS. SUPPORTS SHALL BE ATTACHED TO PANEL POINTS ONLY.
11. STEEL EMBEDDED IN CONCRETE SHALL NOT BE PAINTED.

STEEL ROOF DECK

1. ROOF DECK SHALL BE A 1 1/2", 22 GA., INTERMEDIATE RIB STEEL DECK MEETING THE REQUIREMENTS OF THE STEEL DECK INSTITUTE. DECK SHALL BE CONTINUOUS OVER THREE OR MORE SPANS AND SHALL BE WELDED TO THE SUPPORTING STEEL WITH 3/8"x1/4" ARC SEAM WELDS. WELDS TO BE 6" O.C. AT END LAPS AND 12" O.C. AT INTERMEDIATE SUPPORTS.
2. SECURE PERIMETER OF DECK TO STRUCTURAL MEMBERS WITH SAME ATTACHMENT AND SPACING AS NOTED ABOVE, UNLESS SHOWN OTHERWISE. AT PERIMETER MEMBERS RUNNING PARALLEL TO DECK ATTACH WITH 5/8" DIAMETER PUDDLE WELDS AT 6" O.C.
3. SIDE LAPS SHALL HAVE MINIMUM OF TWO #10 TEKS FASTENERS PER SPAN AT MAXIMUM SPACING OF 2'-0" O.C.
4. WHERE PARTIAL PANELS MAY BE REQUIRED TO COMPLETE DECK INSTALLATION AT PERIMETER OF STRUCTURE, PROVIDE WELDS IN EACH FLUTE TO STRUCTURAL MEMBERS.
5. CEILINGS, LIGHT FIXTURES, DUCTS, ETC., SHALL NOT BE SUPPORTED BY STEEL DECK.

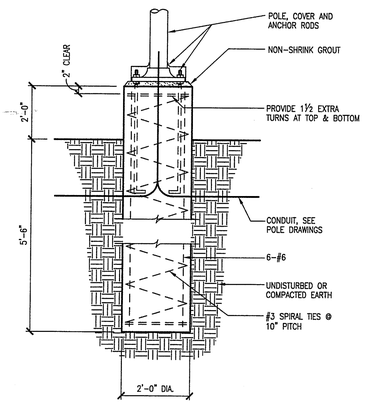
SECOND FLOOR DECK

1. FLOOR DECK SHALL BE 3" THICK NORMAL WEIGHT CONCRETE SLAB (TOTAL THICKNESS) OVER .6CX28 GA. GALVANIZED DECK AS MANUFACTURED BY VULCRAFT CORP. (OR EQUAL). INSTALL PER MANUFACTURER'S RECOMMENDATIONS. REINFORCES SLAB WITH 6x6-W1.4xW1.4 W.W.F. FURNISH IN FLAT SHEETS.

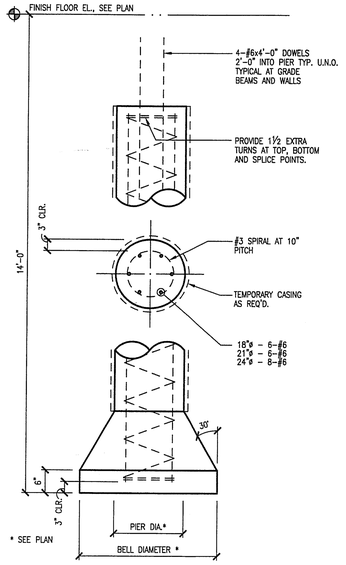
MASONRY

1. ALL CMU MASONRY TO HAVE A MINIMUM COMPRESSIVE STRENGTH F'M OF 1500 PSI OVER NET AREA. ASTM C90, TYPE 1, LIGHTWEIGHT AGGREGATE.
2. ALL BRICK UNITS TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI.
3. MORTAR SHALL BE TYPE S WITH A MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI.
4. CONSTRUCTION TO COMPLY WITH THE LATEST VERSIONS OF ACI 530/ ASCE 5.
5. CONTRACTOR TO BE RESPONSIBLE FOR BRACING ALL MASONRY WALLS DURING CONSTRUCTION AND UNTIL ENTIRE STRUCTURE IS COMPLETE.
6. IN COMPOSITE WALL (BRICK AND BLOCK) BOTH ELEMENTS REPRESENT THE FINISHED STRUCTURAL ELEMENT AND MUST BE IN PLACE PRIOR TO REMOVAL OF TEMPORARY CONSTRUCTION BRACING.
7. STEEL LINTELS FOR OPENINGS GREATER THAN 6'-0" SHALL BE SHORED AT MID SPAN UNTIL THE SUPPORTED BRICK WALL HAS CURED
8. PROVIDE A CONTINUOUS TROUGH BLOCK TIE BEAM 8"x8" MINIMUM REINFORCED WITH 2-#5 BARS AT THE TOP OF ALL CMU WALLS, FILL WITH CONCRETE GROUT.
9. CONCRETE GROUT FOR BOND BEAMS, FILLED CELLS, AND LINTELS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH F'C OF 3000 PSI AT 28 DAYS.
10. CONCRETE GROUT POURS SHALL NOT EXCEED 4 FEET IN HEIGHT EXCEPT WHERE CLEAN OUTS ARE PROVIDED IN THE BOTTOM COURSE OF THE CELL TO BE FILLED.
11. VERTICAL REINFORCING BARS SHALL BE ASTM A-615, GRADE 60 AND TO BE HELD IN PLACE UNTIL CONCRETE IS SET. PLACE IN CENTER OF WALL AT SPACING SHOWN ON DRAWINGS, UNLESS NOTED OTHERWISE.

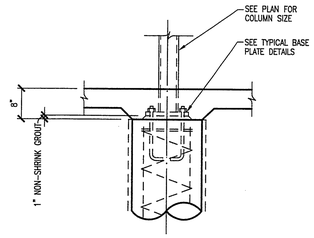
RFI 106 GRADE BEAM INSTALATION AT LOW WALL SOUTH ENTRANCE



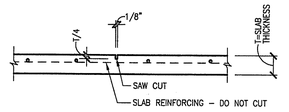
01 TYPICAL LIGHT POLE BASE
SCALE: NONE



02 TYPICAL PIER DETAIL
SCALE: NONE

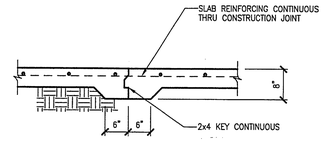


03 TYPICAL COLUMN TO PIER DETAIL
SCALE: NONE

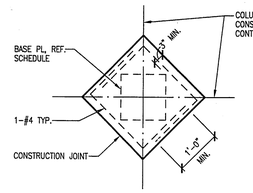


NOTE: SAW CUT AS SOON AS POSSIBLE WITHIN 24 HOURS OF CASTING CONCRETE.

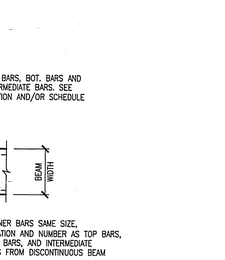
05 TYPICAL SLAB CONTROL JOINT
SCALE: NONE



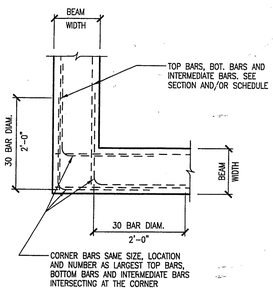
04 TYPICAL SLAB CONSTRUCTION JOINT
SCALE: NONE



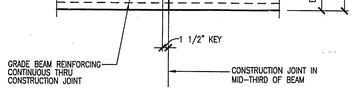
06 TYPICAL INTERIOR COLUMN BLOCK-OUT
SCALE: NONE



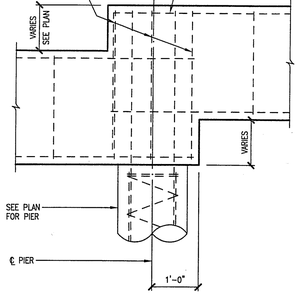
07 TYPICAL CORNER BAR DETAIL
SCALE: NONE



08 TYPICAL CORNER BAR DETAIL
SCALE: NONE

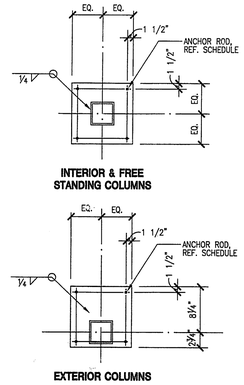


09 TYPICAL BEAM CONSTRUCTION JOINT
SCALE: NONE

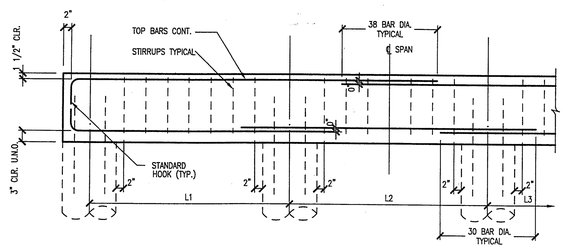


10 TYPICAL GRADE BEAM STEP
SCALE: NONE

11 BASE PLATE ELEVATION
SCALE: NONE

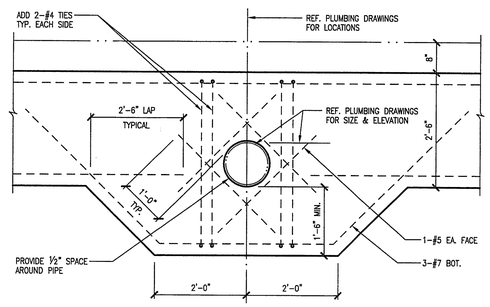


12 TUBE BASE PL DETAILS
SCALE: 3/4" = 1'-0"



TYPICAL CONT. BAR BENDING DIAGRAM

13 DETAIL
SCALE: NONE



14 TYPICAL GRADE BEAM DETAIL AT PLUMBING PENETRATIONS
SCALE: NONE

BLOCK LINTEL SCHEDULE

MASONRY OPENING	LINTEL BEAM (W x D)	REINF. (T & B)
UP TO 5'-11"	8"x8" BOND BEAM	1-#6
6'-0" TO 11'-11"	8"x16" BOND BEAM	1-#6
UP TO 5'-11"	12"x8" BOND BEAM	2-#5
6'-0" TO 11'-11"	12"x16" BOND BEAM	2-#5

NOTE:
1. UNLESS OTHERWISE NOTED ON PLAN, PROVIDE LINTELS OVER ALL OPENINGS IN MASONRY WALLS ACCORDING TO THIS SCHEDULE.
2. LINTELS TO BEAR A MINIMUM OF 1" PER FOOT, 8" MINIMUM.
3. FILL ALL BOND BEAMS WITH 3000 PSI CONCRETE.
4. OPENING WIDER THAN 6'-0" SHALL HAVE THE FIRST VERTICAL CELL EACH SIDE FILLED WITH GROUT FROM FLOOR LEVEL TO THE LINTEL BEARING LEVEL.

BASE PLATE SCHEDULE

COL. SIZE	PLATE SIZE	ANCHOR RODS
HSS4x4	PL10x10x¾	4-¾"ø
HSS5x5	PL11x11x¾	4-¾"ø
HSS6x6	PL12x12x1	4-1"ø

NOTE: ANCHOR RODS TO MEET ASTM F1554-GR55

BRICK LINTEL SCHEDULE

MASONRY OPENING	STRUCTURAL STEEL MEMBER	MIN. END BEARING
UP TO 5'-11"	L-4x4x¼	8"
6'-0" TO 6'-11"	L-4x4x¼ LLV	8"
7'-0" TO 7'-11"	L-6x4x5/16 LLV	8"
8'-0" TO 8'-11"	L-6x4x⅜ LLV	8"
9'-0" TO 9'-11"	L-6x4x⅜ LLV	12"
10'-0" TO 11'-0"	L-7x4x⅜ LLV	12"

NOTE: 1. LINTELS ARE SHOWN FOR EACH 4" OF WALL THICKNESS
2. EXTERIOR LINTELS SHALL BE GALVANIZED.

STATE OF TEXAS
GARY P. TEN EYCK
28739
LICENSED PROFESSIONAL ENGINEER
Gary P. Ten Eyck
June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 •PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 •Fax 903.753.7317
Email: TDA@TDArchitects.com
www.TDArchitects.com

STRUCTURAL ENGINEER
UNIFIED BUILDING SCIENCES & ENGINEERING, INC.
405 International Parkway, Suite 209
Richardson, Texas 75081
Phone 972.783.8683 Fax 972.783.8684
Email: Cadd2@UBSE.com
www.UBSE.com
UBSE Project No. 25033

KILGORE COLLEGE

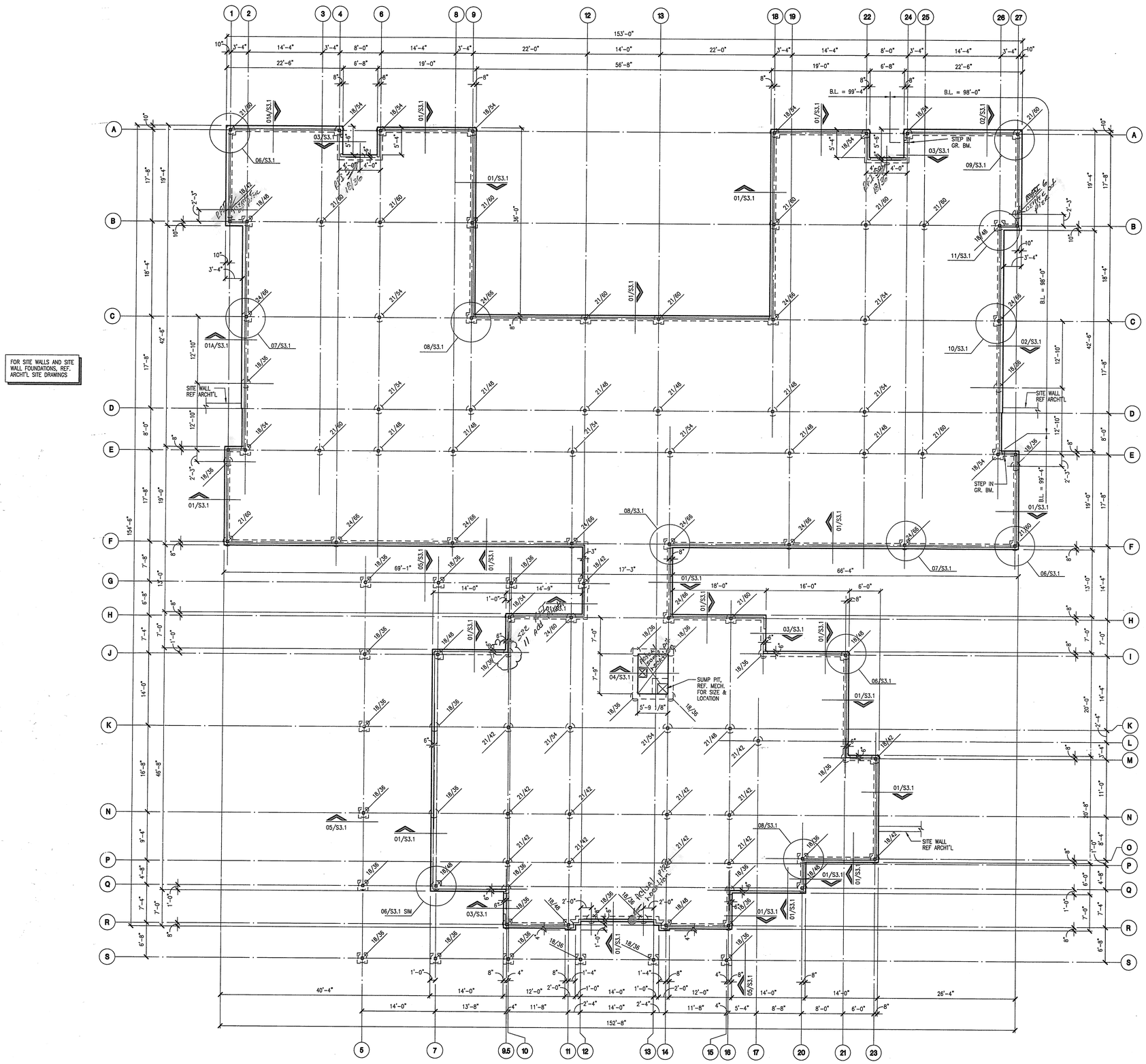
GUSSIE NELL DAVIS RANGERETTE RESIDENCE
Kilgore, Texas

FILE NAME:

PROJECT NUMBER: 0421

SHEET CONTENTS:
GENERAL NOTES & TYPICAL DETAILS

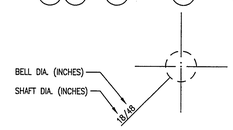
S 1.1



01 FOUNDATION PLAN

SCALE: 1/8" = 1'-0"

PLAN NOTES:
1. FINISH FLOOR ELEVATION 100'-0" (ACTUAL ELEVATION 357'.00).
2. SLAB-ON-GRADE SHALL BE 5" THICK WITH #3@16"O.C. EACH WAY.
3. PROVIDE VAPOR BARRIER BELOW SLAB, REF. SPECIFICATIONS.
4. PROVIDE SAW CUT CONTROL JOINTS AS SHOWN ON DETAIL 04/S1.1 AND AS SHOWN ON SHEET S3.1.
5. B.L. = BRICK LEDGE
6. CENTER PIERS BELOW COLUMNS.
7. SLOPE SLABS TO FLOOR DRAINS, REF ARCHIT'L AND PLUMBING DRAWINGS.



PIER LEGEND

See RFI 9 plinths at column's B/1, E-1, B-27 & E-27

See RFI 31 misplaced anchor bolts

RFI 115 - Down spout conflict with column 10/S

STATE OF TEXAS
GARY P. TEN EYCK
28738
LICENSED
PROFESSIONAL ENGINEER

Gary P. Ten Eyck
June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 Fax 903.753.7317
Email: TDA@T-DArchitects.com
www.T-DArchitects.com

STRUCTURAL ENGINEER
UNITED BUILDING SCIENCES & ENGINEERING, INC.
405 International Parkway, Suite 209
Richardson, Texas 75081
Phone 972.783.8683 Fax 972.783.8684
Email: Cadd2@UBSE.com
www.UBSE.com
UBSE Project No. 25033

KILGORE COLLEGE

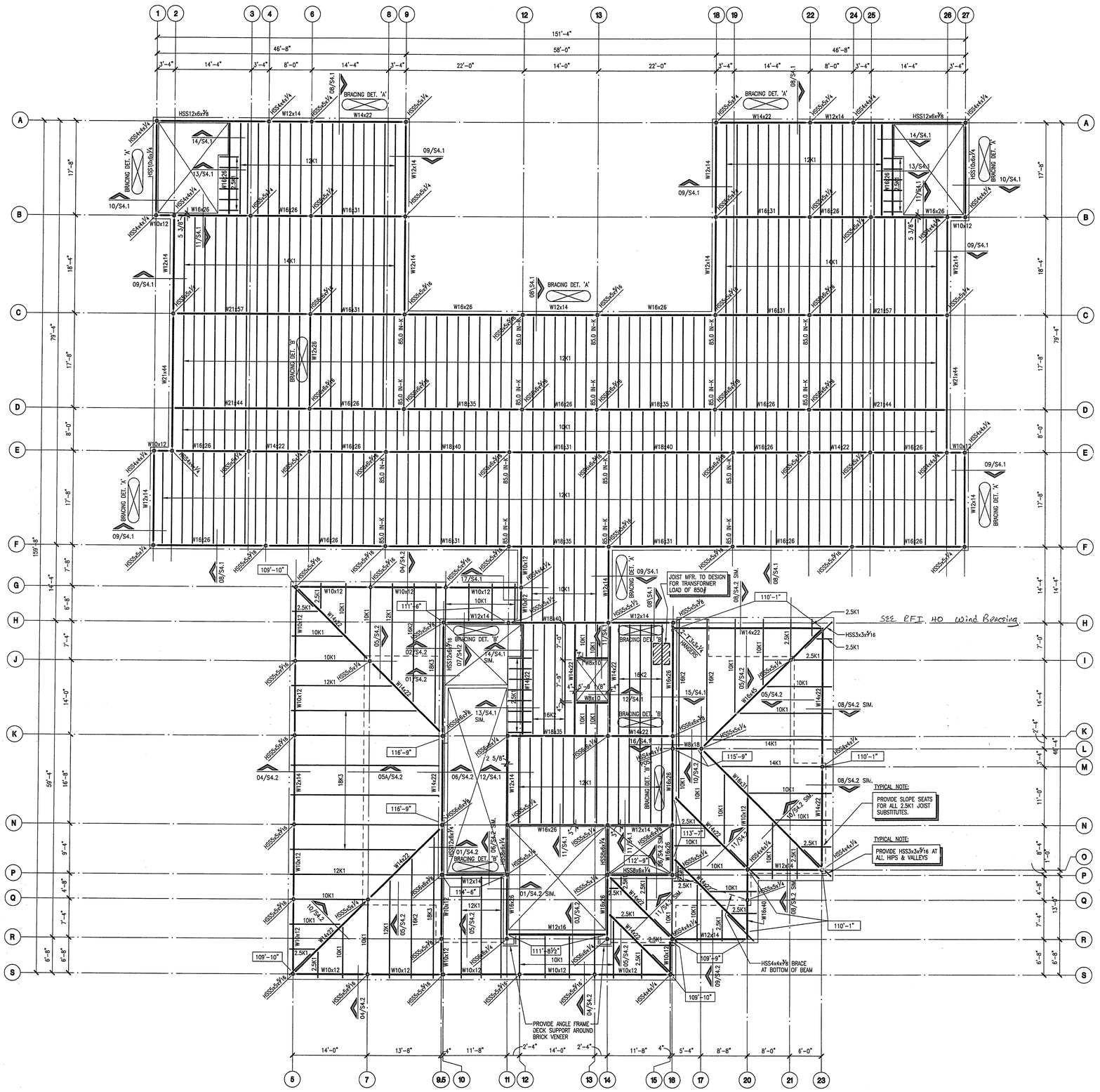
GUSSIE NELL DAVIS RANGERETTE RESIDENCE
Kilgore, Texas

FILE NAME:

PROJECT NUMBER:
0421

SHEET CONTENTS:
FOUNDATION PLAN

S
2.1



01 SECOND FLOOR & LOW ROOF FRAMING PLAN

SCALE: 1/8" = 1'-0"

PLAN NOTES:

1. FINISH SECOND FLOOR ELEVATION TO BE 112'-8".
2. FLOOR SLAB TO BE 3" CONCRETE (TOTAL DEPTH), ON 0.6C-28GA. FORM DECK, REINFORCE W/ 6x6-W1.4xW1.4 (IN FLAT SHEETS).
3. ELEVATIONS NOTED ON PLAN AS [000'-0"] ARE TO METAL DECK BEARING. SLOPE ROOF UNIFORMLY BETWEEN NOTED ELEVATIONS. (FINISH FIRST FLOOR 100'-0").
4. ROOF DECK TO BE VULCRAFT 1.5-22 GA. TYPE 'F' U.N.O.
5. DESIGN JOISTS ON COLUMN LINES FOR END MOMENT SHOWN ON PLAN.
6. SLOPE SLABS TO FLOOR DRAINS, REF: ARCHT'L AND PLUMBING DRAWINGS.

STATE OF TEXAS
GARY P. TEN EYCK
58739
LICENSED PROFESSIONAL ENGINEER

Gary P. Ten Eyck
June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1190 Judson Rd., Suite 620 ◆PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 ◆Fax 903.753.7317
Email: TDA@T-DArchitects.com
www.T-DArchitects.com

STRUCTURAL ENGINEER
UNITED BUILDING SCIENCES & ENGINEERING, INC.
405 International Parkway, Suite 209
Richardson, Texas 75081
Phone 972.783.8683 ◆Fax 972.783.8684
Email: Cadd2@UBSE.com
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KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE

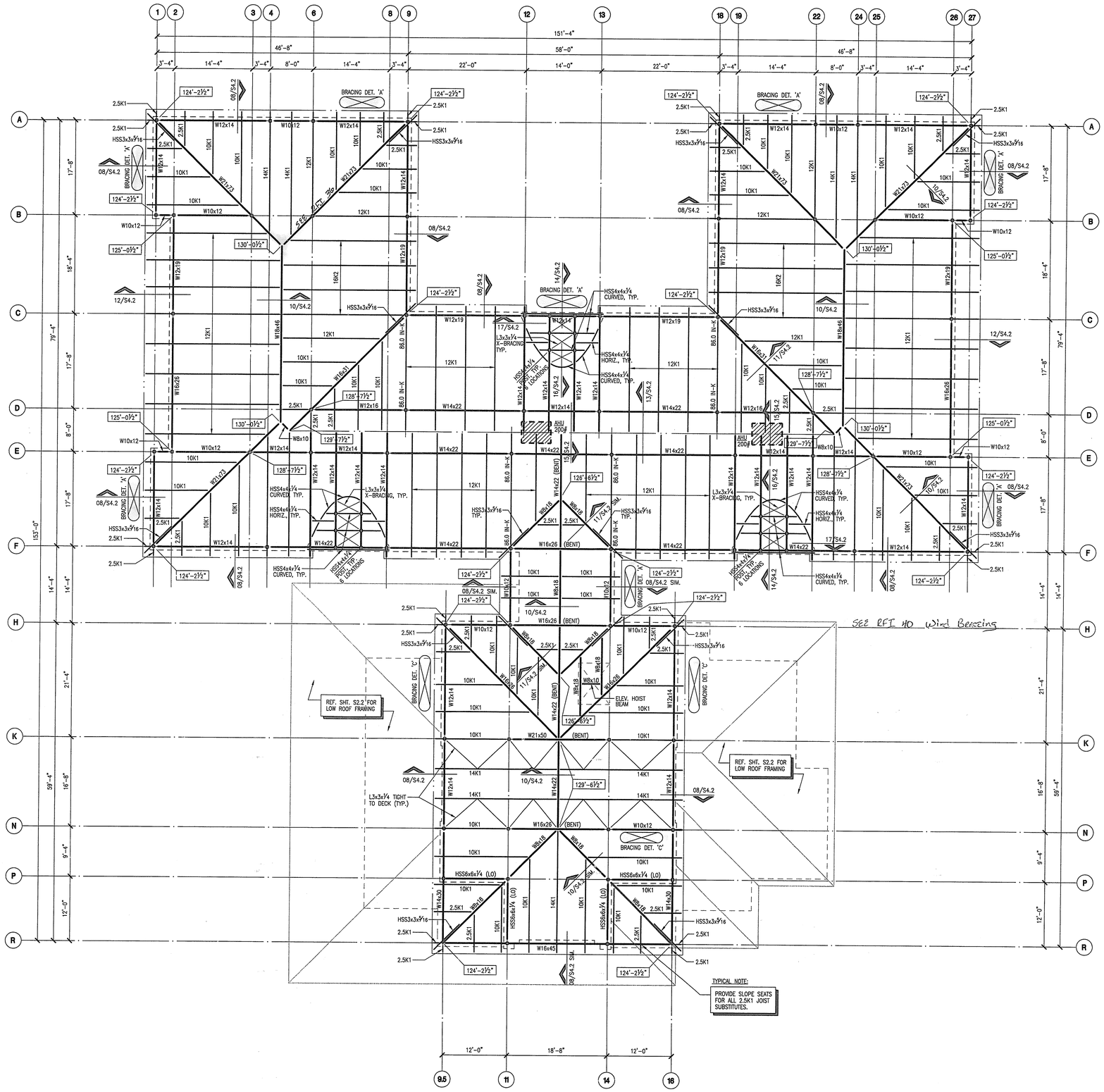
Kilgore, Texas

FILE NAME:

PROJECT NUMBER: 0421

SHEET CONTENTS: SECOND FLOOR & LOW ROOF FRAMING PLAN

S 2.2



01 ROOF FRAMING PLAN

SCALE: 1/8" = 1'-0"

PLAN NOTES:

1. ELEVATIONS NOTED ON PLAN AS 000'-0" ARE TO METAL DECK BEARING. SLOPE ROOF UNIFORMLY BETWEEN NOTED ELEVATIONS. (FINISH FLOOR 100'-0").
2. ROOF DECK TO BE VULCRAFT 1.5-22 GA. TYPE "F" U.N.O.
3. DESIGN JOISTS ON COLUMN LINES FOR END MOMENT SHOWN ON PLAN.

STATE OF TEXAS
GARY P. TEN EYCK
26739
LICENSED PROFESSIONAL ENGINEER
Gary P. Ten Eyck
June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 ✦ Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 ✦ Fax 903.753.7317
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UNIFIED BUILDING SCIENCES & ENGINEERING, INC.
405 International Parkway, Suite 209
Richardson, Texas 75081
Phone 972.783.8683 Fax 972.783.8684
Email: Cad42@UBSE.com
www.UBSE.com
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KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE

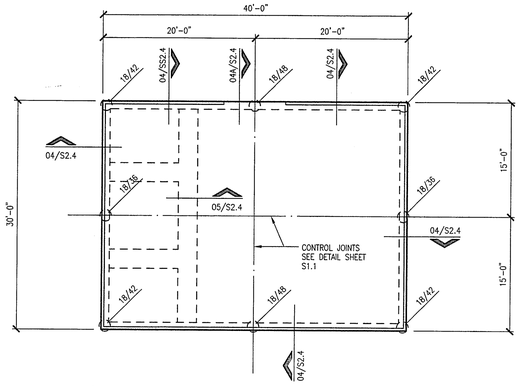
Kilgore, Texas

FILE NAME:

PROJECT NUMBER: 0421

SHEET CONTENTS: HIGH ROOF FRAMING PLAN

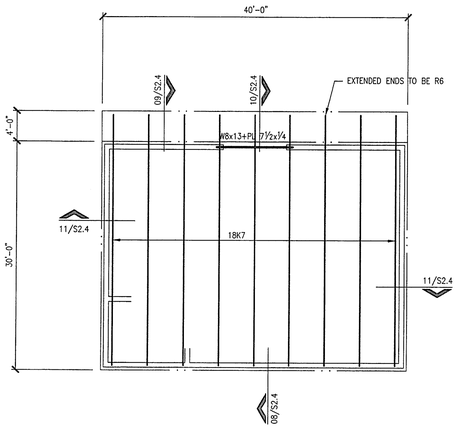
S 2.3



01 CENTRAL PLANT FOUNDATION PLAN

SCALE:⅛" = 1'-0"

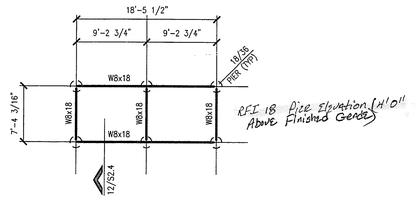
PLAN NOTES:
1. FINISH FLOOR ELEVATION 100'-0" (ACTUAL ELEVATION 357.58')
2. SLAB-ON-GRADE SHALL BE 5" THICK WITH #3@16"O.C. EACH WAY.
3. PROVIDE VAPOR BARRIER BELOW SLAB, REF. SPECIFICATIONS.
4. PROVIDE SAW CUT CONTROL JOINTS AS SHOWN ON PLAN.
5. CMU WALL REINFORCING:
   ALL CMU WALLS TO BE REINFORCED WITH #5@48"O.C.



02 CENTRAL PLANT ROOF FRAMING PLAN

SCALE:⅛" = 1'-0"

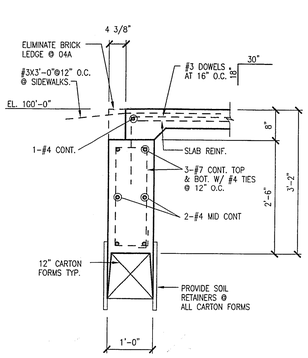
PLAN NOTES:
1. UNDER SIDE OF DECK AT A CONSTANT 111'-6½"
2. ROOF DECK TO BE VULCRAFT 1.5-22 GA. TYPE 'F' U.N.O.
3. CMU WALL REINFORCING:
   ALL CMU WALLS TO BE REINFORCED WITH #5@48"O.C.



03 PLAN OF COOLING TOWER SUPPORTS (3 REQUIRED)

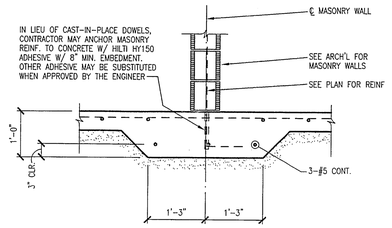
SCALE:⅛" = 1'-0"

PLAN NOTES
1. VERIFY SUPPORT FRAME DIMENSIONS WITH ACTUAL COOLING TOWER CUT SHEET PRIOR TO FABRICATION.
2. ALL STEEL TO BE GALVANIZED.



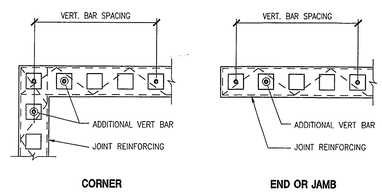
04/04A SECTION

SCALE: NONE



05 TYPICAL THICKENED SLAB

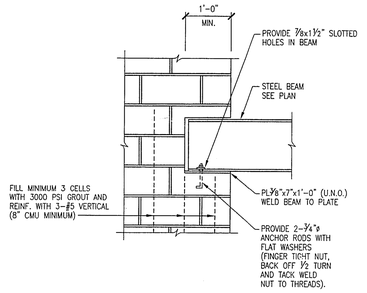
SCALE: NONE



NOTE:
SEE PLAN FOR REINFORCING REQUIREMENTS

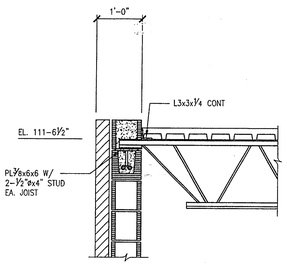
06 CMU WALL REINFORCING DETAIL

SCALE: NONE



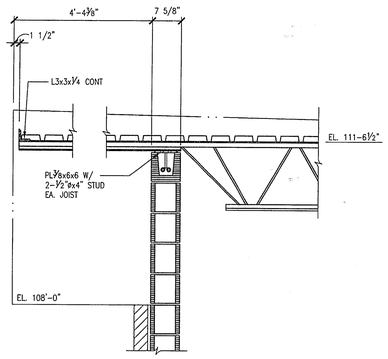
07 TYPICAL BEAM BEARING AT MASONRY

SCALE:NONE



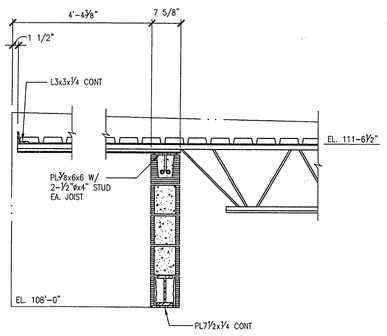
08 SECTION

SCALE: 3/4" = 1'-0"



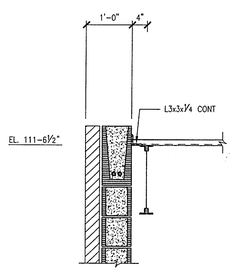
09 SECTION

SCALE: 3/4" = 1'-0"



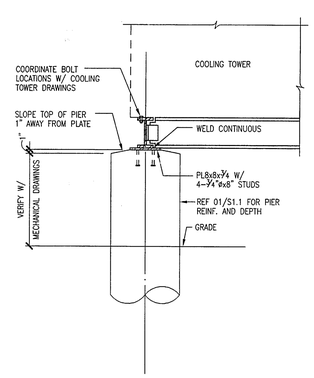
10 SECTION

SCALE: 3/4" = 1'-0"



11 SECTION

SCALE: 3/4" = 1'-0"



12 SECTION

SCALE: 3/4" = 1'-0"

STATE OF TEXAS
GARY P. TEN EYCK
28739
REGISTERED
ARCHITECT
Gary P. Ten Eyck
June 14, 2005

THACKER | DAVIS ARCHITECTS
I N C O R P O R A T E D
Member American Institute of Architects
1100 Judson Rd., Suite 620 •PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 •Fax 903.753.7317
Email: T-D-A@T-DArchitects.com
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UNIFIED BUILDING SCIENCES & ENGINEERING, INC.
405 International Parkway, Suite 209
Richardson, Texas 75081
Phone 972.783.8683 •Fax 972.783.8684
Email: C-Mill2@UBSE.com
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KILGORE COLLEGE

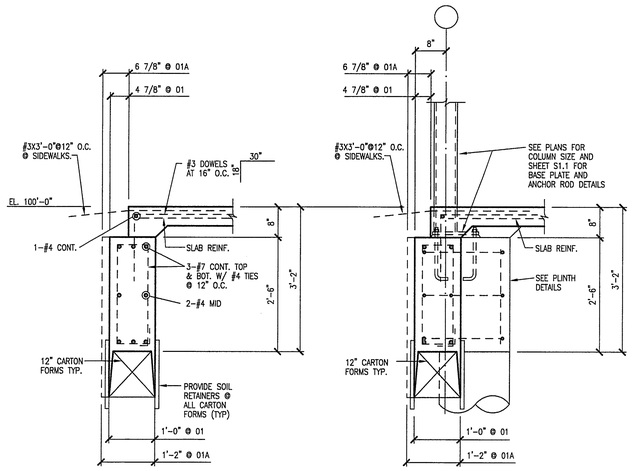
GUSSIE NELL DAVIS RANGERETTE RESIDENCE
Kilgore, Texas

FILE NAME:

PROJECT NUMBER: 0421

SHEET CONTENTS:
CENTRAL PLANT FOUNDATION AND FRAMING PLANS, COOLING TOWER PLAN, SECTIONS AND DETAILS

S
2.4



01/01A SECTION
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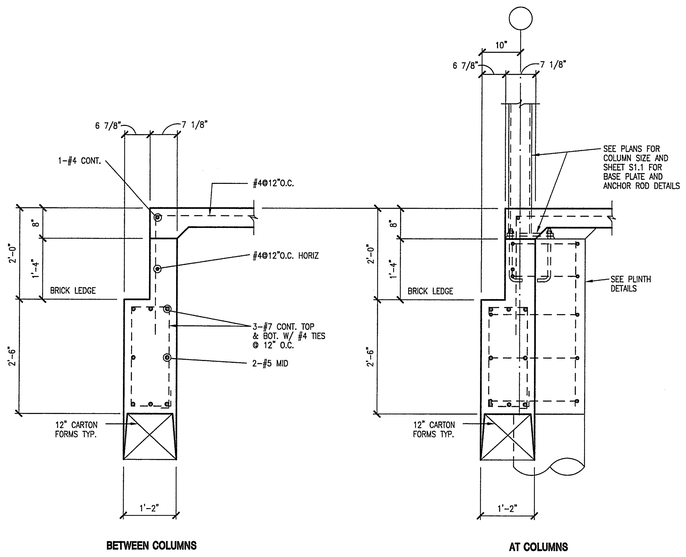

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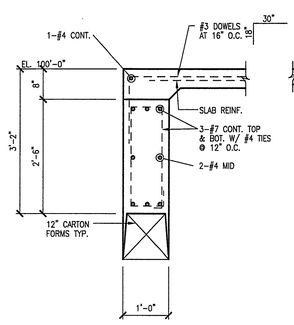
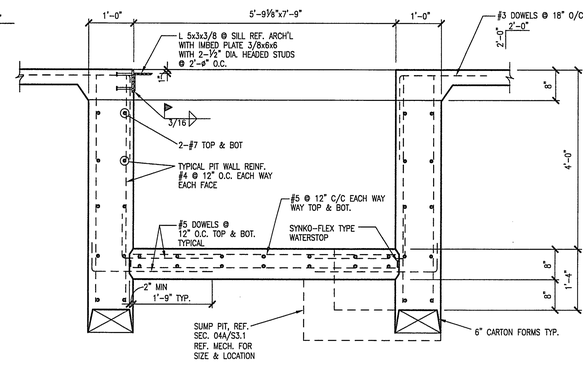


03 SECTION
SCALE:3/4" = 1'-0"

VERIFY SIZE OF HOIST WAY AND PIT DEPTH WITH ELEVATOR SHOP DRAWINGS.



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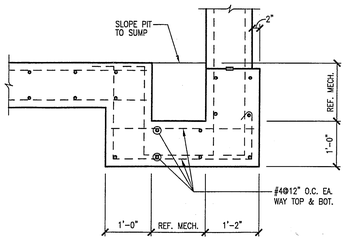

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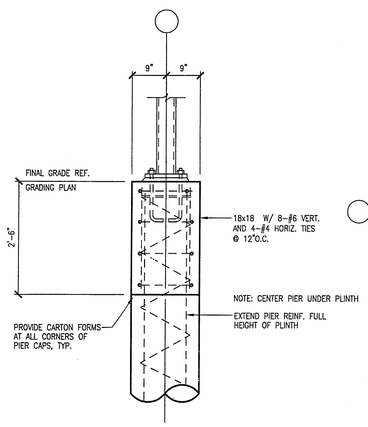

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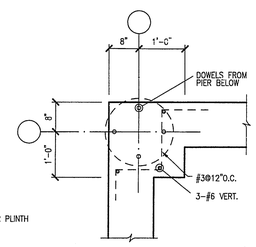

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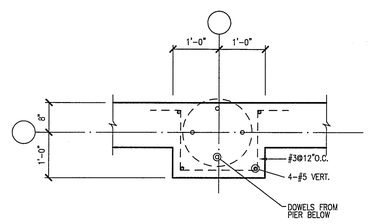

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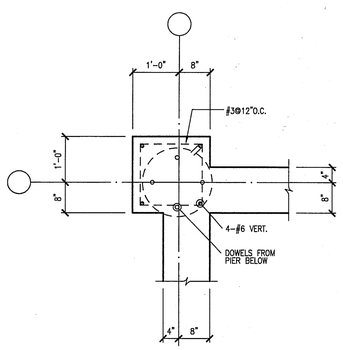

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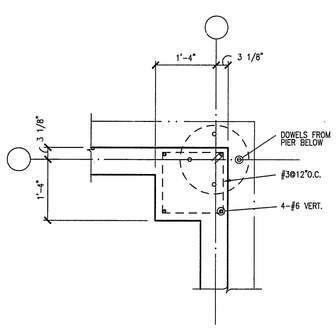

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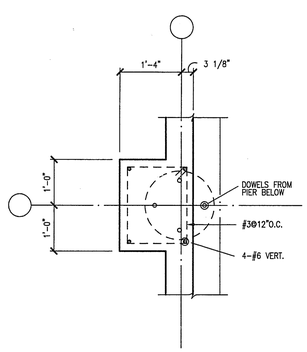

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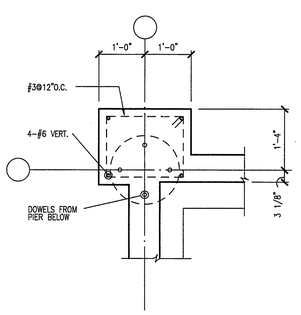


11 DETAIL
SCALE: 3/4" = 1'-0"

12 CONTROL/CONSTRUCTION JOINT PLAN
SCALE:1/16" = 1'-0"

PLAN NOTE:
1. SEE DETAILS ON SHEET S1.1 FOR JOINT DETAILS.
2. COORDINATE JOINT LOCATIONS WITH CERAMIC TILE PATTERN. REF. ARCHIT'L.

STATE OF TEXAS
GARY P. TEN EYCK
29739
LICENSED PROFESSIONAL ENGINEER
Gary P. Ten Eyck
June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 •PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 •Fax 903.753.7317
Email: TDA@TDArchitects.com
www.TDArchitects.com

STRUCTURAL ENGINEER
UNIFIED BUILDING SCIENCES & ENGINEERING, INC.
405 International Parkway, Suite 209
Richardson, Texas 75081
Phone 972.783.8683 Fax 972.783.8684
Email: Cadd2@UBSE.com
www.UBSE.com
UBSE Project No. 25033

KILGORE COLLEGE

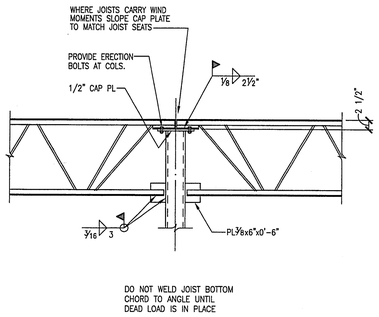
GUSSIE NELL DAVIS RANGERETTE RESIDENCE
Kilgore, Texas

FILE NAME:

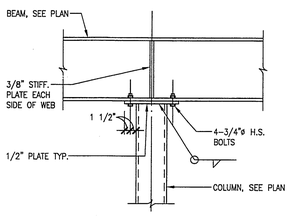
PROJECT NUMBER:
0421

SHEET CONTENTS:
FOUNDATION SECTIONS AND DETAILS, CONTROL JOINT PLAN

S
3.1



01 STEEL JOIST CONNECTION DETAIL
SCALE: NONE

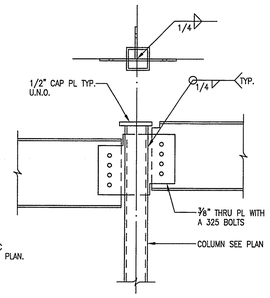


01 TYPICAL COLUMN CAP PLATE AT CANTILEVER BEAM
SCALE: NONE

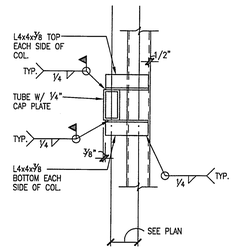
BEAM DEPTH	NO. OF 3/4" DIA. BOLTS
W8, W10	2
W12, W14	3
W16	4
W18	5
W21	5
W24	6

NOTE:
FOR BEAMS 14" DEEP OR LESS THRU PLATES NOT REQ'D. USE TAB PL. WELD TO COL. FACE.

NO. OF BOLTS TO BE THE MAXIMUM OF:
1. SCHEDULE (ABOVE)
2. REQUIRED FOR 55% OF PART 2 AISC
3. REQUIRED FOR REACTION SHOWN ON PLAN.



03 TYPICAL BEAM TO COLUMN
SCALE: NONE



04 TYPICAL TUBE BEAM TO TUBE COLUMN
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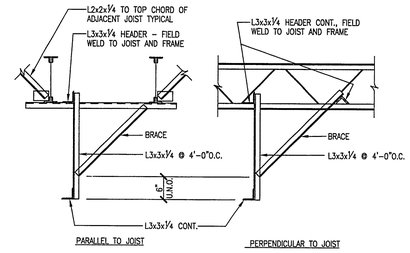
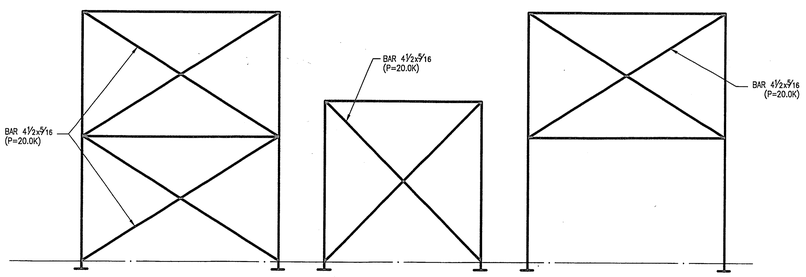


BRACE SIZE	BRACE LENGTH
L2 1/2x2 1/2x5/16	(0' TO 5'-11")
L3x3x1/4	(6'-0" TO 8'-11")
L4x4x1/4	(9'-0" TO 11'-11")
L5x5x5/16	(12'-0" TO 15'-11")

NOTE: SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS

05 TYPICAL FRAME SUPPORT
SCALE: NONE



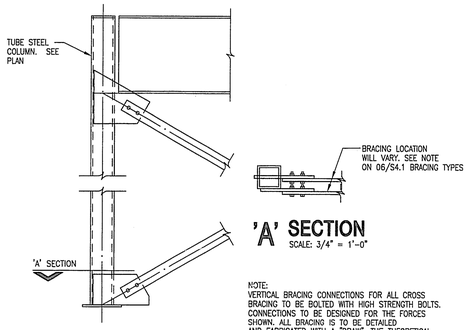
BRACING DETAIL 'A'

BRACING DETAIL 'B'

LOCATE EXTERIOR WALL BRACING AT OUTSIDE FACE OF STUD. LOCATE INTERIOR BRACING @ ℄ OF STUD AND REINF. STUDS AS REQ'D.

BRACING DETAIL 'C'

06 VERTICAL BRACING TYPES (SEE PLAN)
SCALE:NONE

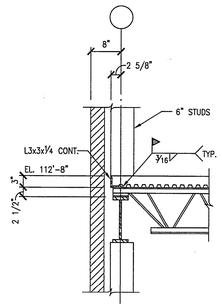


'A' SECTION
SCALE: 3/4" = 1'-0"

NOTE:
VERTICAL BRACING CONNECTIONS FOR ALL CROSS BRACING TO BE BOLTED WITH HIGH STRENGTH BOLTS. CONNECTIONS TO BE DESIGNED FOR THE FORCES SHOWN. ALL BRACING IS TO BE DETAILED AND FABRICATED WITH A "DRAW". THE THEORETICAL CENTER TO CENTER DISTANCE SHALL BE REDUCED ACCORDING TO THE FOLLOWING SCHEDULE:

LENGTHS UP TO 10'	– NO REDUCTION
LENGTHS OVER 10' AND LESS THAN 20'	– 1/16"
LENGTHS OVER 20' AND LESS THAN 35'	– 1/8"
LENGTHS OVER 35'	– 3/16"

07 TYPICAL "X" BRACE CONN.
SCALE:3/4" = 1'-0"



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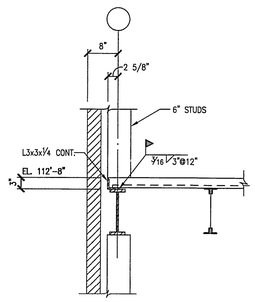

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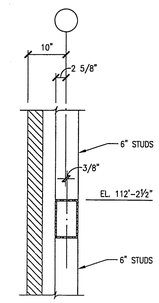

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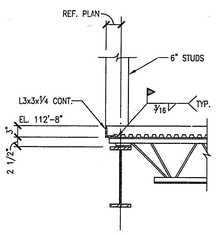

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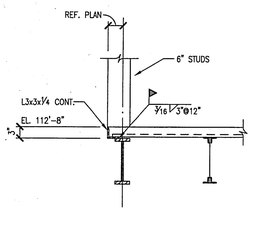

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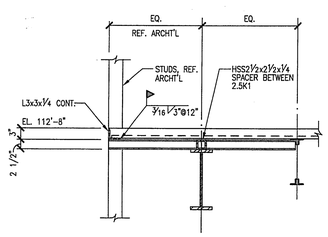

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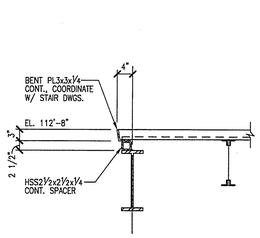

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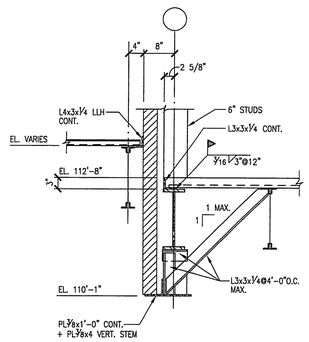

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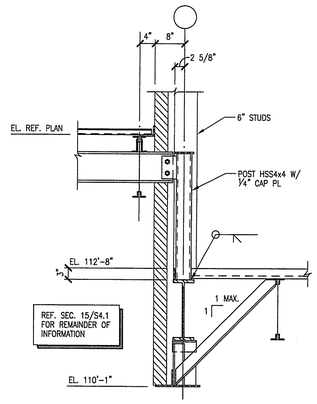

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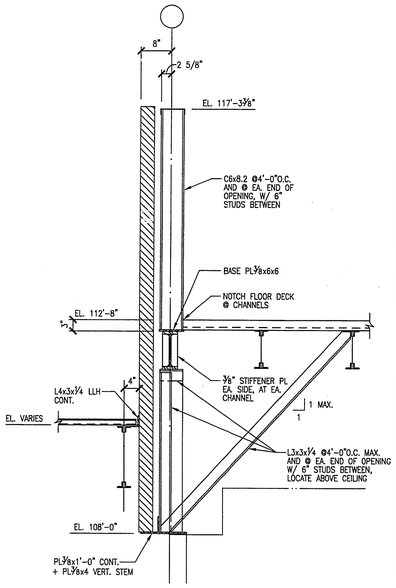

17 SECTION
SCALE: 3/4" = 1'-0"

STATE OF TEXAS
GARY P. TEN EYCK
Gary P. Ten Eyck
June 14, 2005

THACKER | DAVIS ARCHITECTS
I N C O R P O R A T E D
Member American Institute of Architects
1100 Judson Rd., Suite 620 PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 Fax 903.753.7317
Email: T.D.A@T.D.Architects.com
www.T.D.Architects.com

STRUCTURAL ENGINEER
UNITED BUILDING SCIENCES & ENGINEERING, INC.
405 International Parkway, Suite 209
Richardson, Texas 75081
Phone 972.783.8683 Fax 972.783.8684
Email: Cadd2@UBSE.com
www.UBSE.com
UBSE Project No. 25033

KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE
Kilgore, Texas

FILE NAME:

PROJECT NUMBER:
0421

SHEET CONTENTS:
FRAMING SECTIONS

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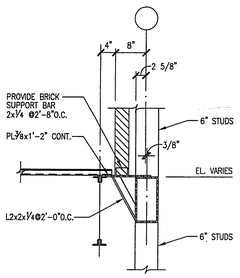

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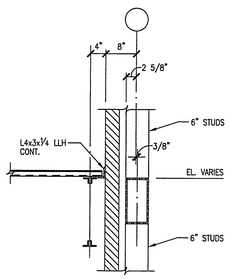

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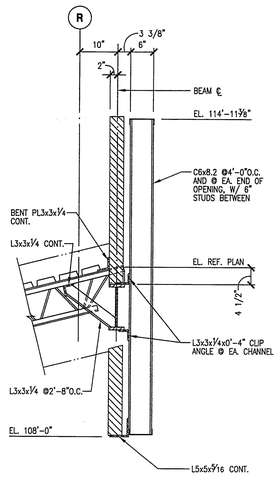

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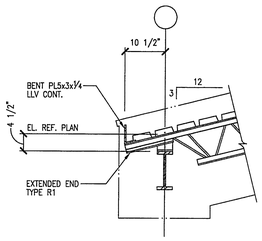

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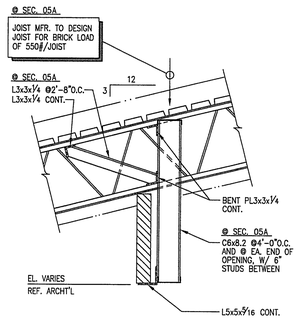

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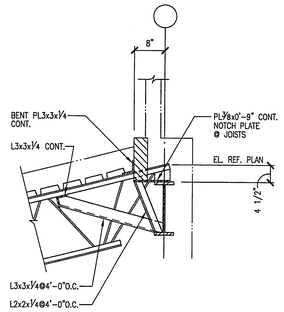

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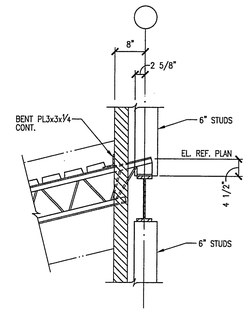

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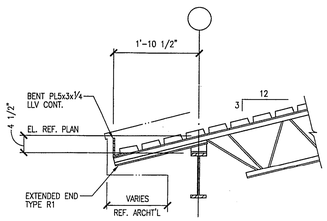

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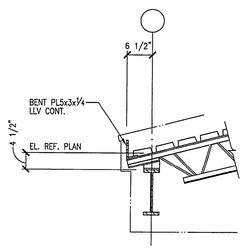

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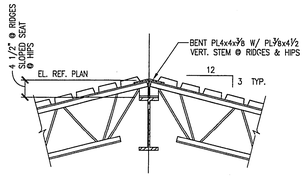

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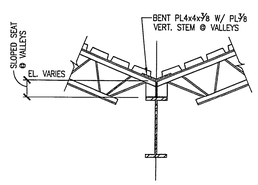

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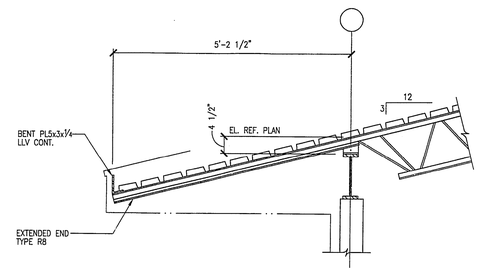

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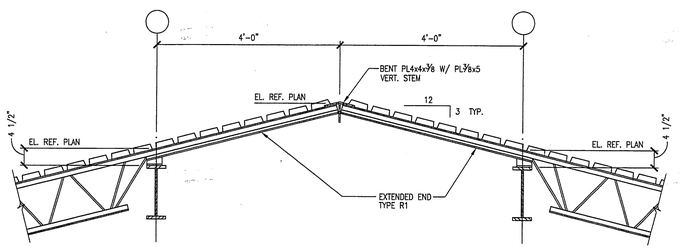

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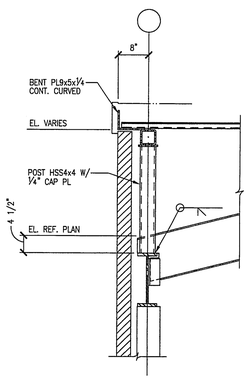

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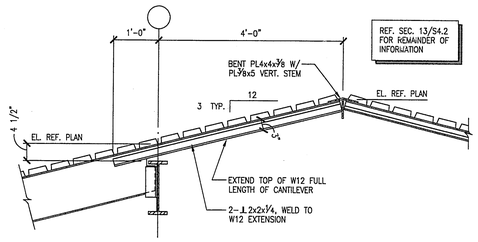
SCALE: 3/4" = 1'-0"



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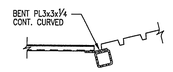

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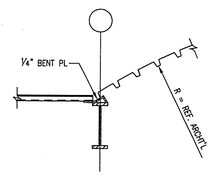


17 SECTION
SCALE: 3/4" = 1'-0"

STATE OF TEXAS
GARY P. TEN EYCK
28739
LICENSED
PROFESSIONAL
ENGINEER
Gary P. Ten Eyck
June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 ◆PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 ◆Fax 903.753.7317
Email: TDA@T-DArchitects.com
www.T-DArchitects.com

STRUCTURAL ENGINEER
UNIFIED BUILDING SCIENCES & ENGINEERING, INC.
405 International Parkway, Suite 209
Richardson, Texas 75081
Phone 972.783.8683 Fax 972.783.8684
Email: Cadd2@UBSE.com
www.UBSE.com
UBSE Project No. 25033

KILGORE COLLEGE

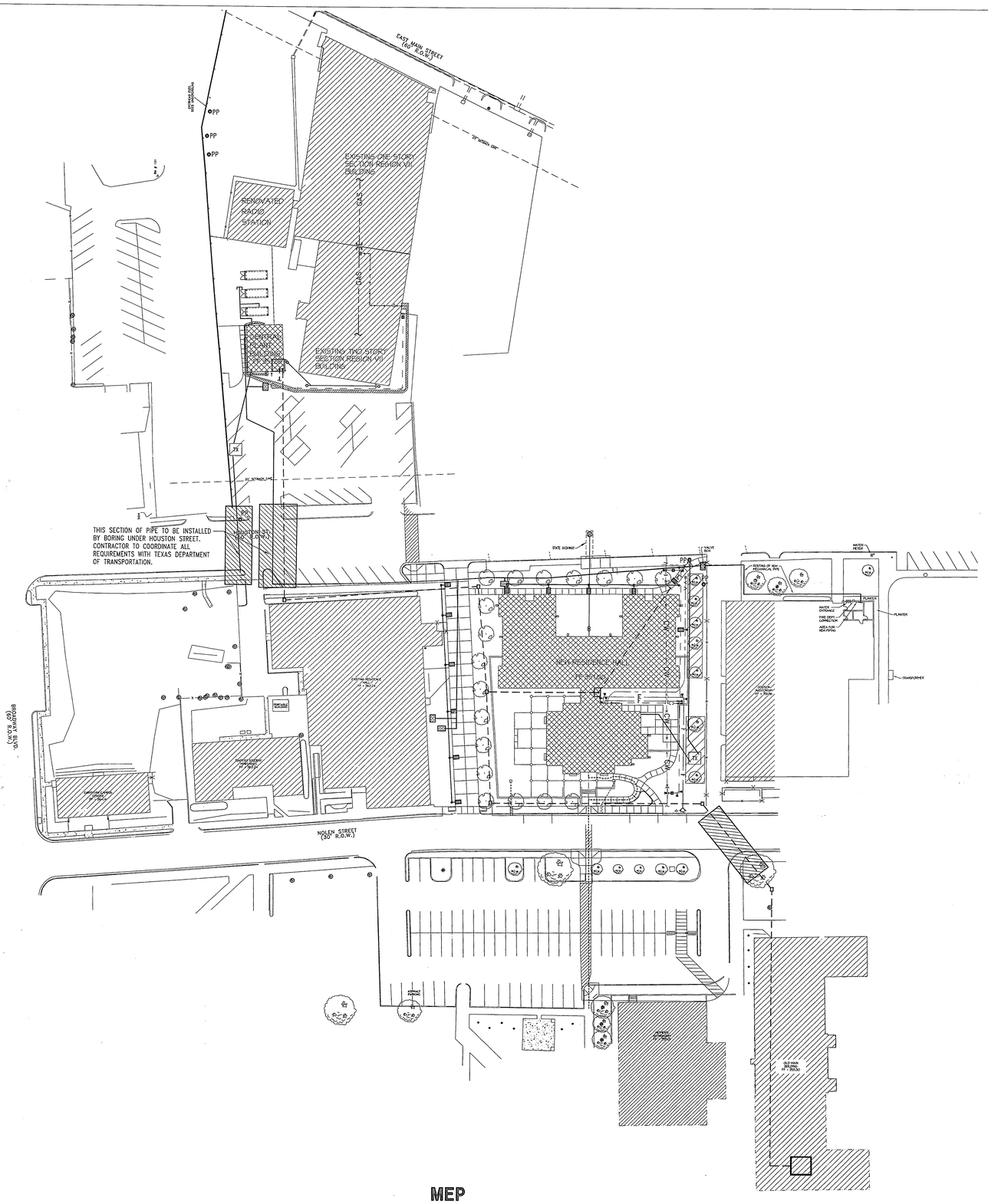
GUSSIE NELL DAVIS RANGERETTE RESIDENCE
Kilgore, Texas

FILE NAME:

PROJECT NUMBER:
0421

SHEET CONTENTS:
FRAMING SECTIONS

S
4.2



1 **MEP**
SITE PLAN OVERVIEW
1"=40'-0"

THIS IS AN OVERVIEW OF UTILITES FOR COORDINATION ONLY. SEE RESPECTIVE DISCIPLINE'S SITE PLAN FOR MORE DETAIL.

SUBMISSION OF BID WILL BE CONSIDERED ACKNOWLEDGMENT THAT THE CONTRACTOR HAS VISITED THE SITE AND HAS VERIFIED ALL EXISTING JOB CONDITIONS AND INCLUDED ANY NECESSARY MODIFICATION TO EXISTING AND NEW WORK REQUIRED FOR INSTALLATION OF A COMPLETE AND WORKING SYSTEM.

clr5105

ROBERT E. CLIVER 70125 REGISTERED PROFESSIONAL ENGINEER

June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 ·PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 ·Fax 903.753.7317
Email: TDA@T-DArchitects.com
www.T-DArchitects.com

MEP ENGINEER
EMA
www.estesmcclure.com
Estes, McClure & Associates, Inc.
Engineering & Consulting
3608 West Way
Tyler, Texas 75703
phone: 903-581-2677 fax: 903-581-2721

KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE

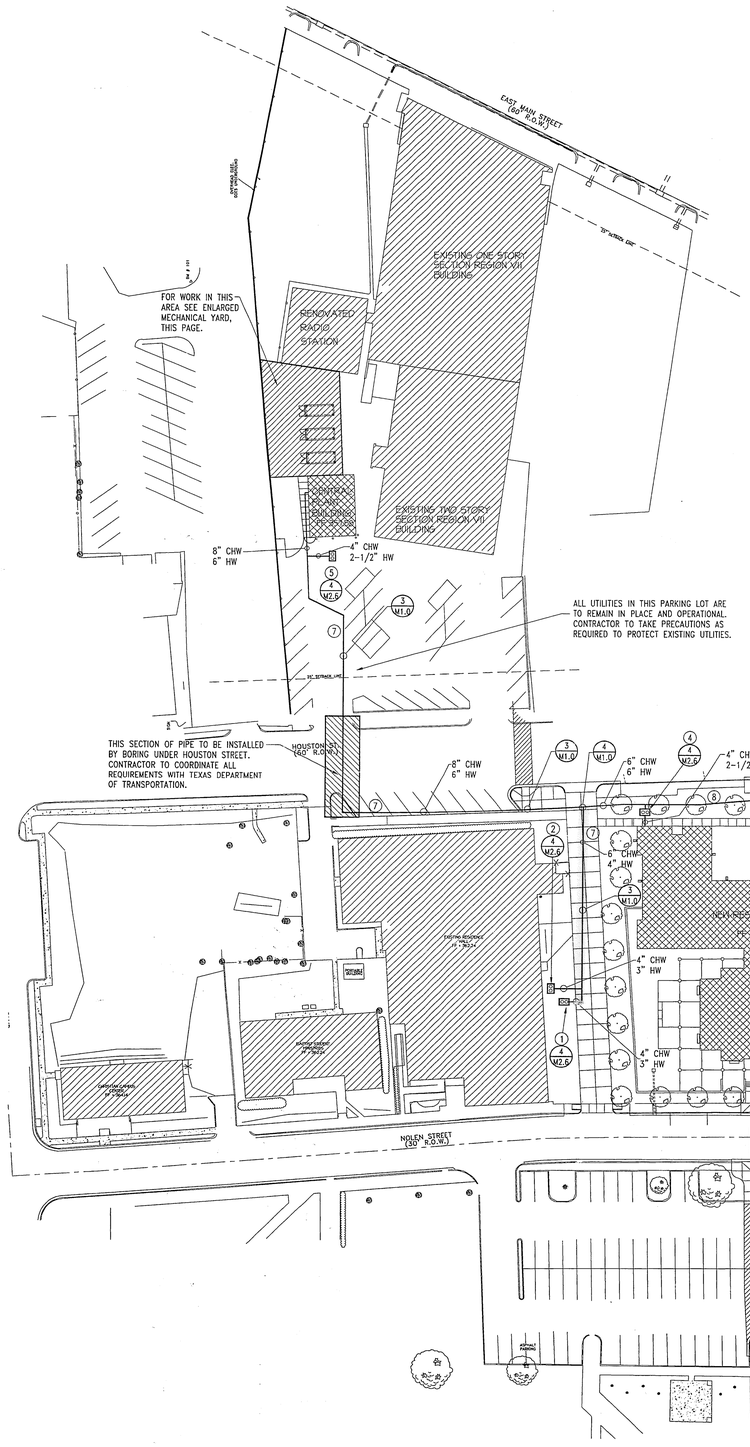
Kilgore, Texas

FILE NAME:

PROJECT NUMBER:
0421

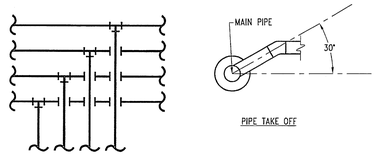
SHEET CONTENTS:
MEP
SITE PLAN OVERVIEW

MEP
1.0



MECHANICAL SITE PLAN

1 1"=40'-0"

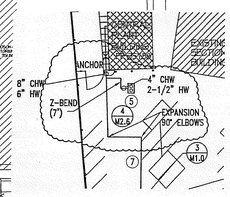


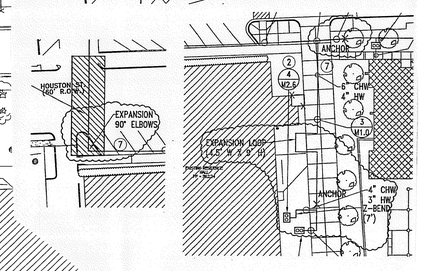
TEE BRANCH PIPING CONNECTION

4 N.T.S.

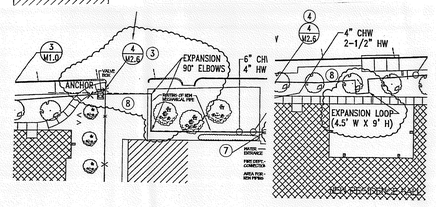
ALL PIPING BEYOND THIS VALVE BOX TO BE UNDER ALTERNATE #1

ALTERNATE #1:
REFER TO ENLARGED FLOOR PLAN, SHEET M2.8 FOR PIPING CONNECTIONS AT DODSON AUDITORIUM





NOTES:
1. ALL ANCHORS FOR HOT WATER PIPING ONLY.



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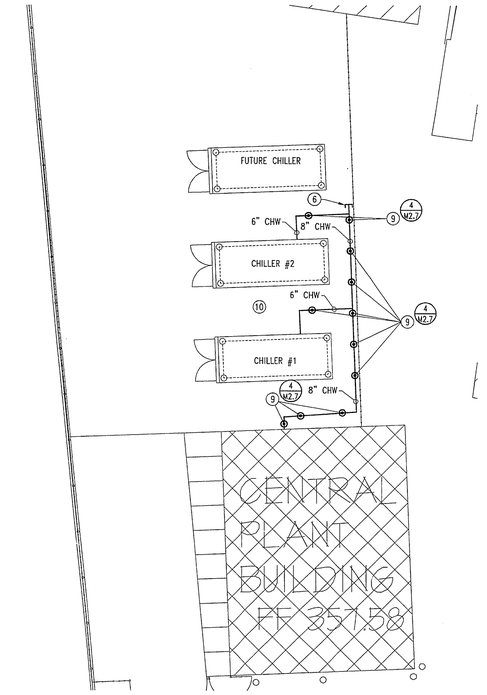
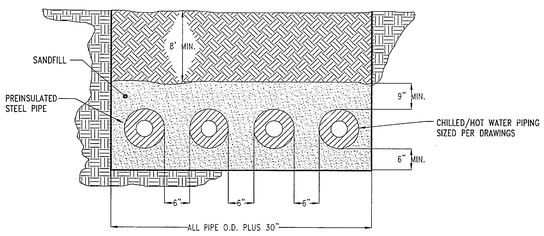


ENLARGED MECHANICAL YARD

2 1"=10'-0"



PIPING TRENCH

3 N.T.S.

Sheet M 1.0
A. Refer to View #3 – Piping Tranch. Note that 8' minimum depth is only required for the portion of pipe to be installed beneath Houston Street. Minimum depth in all other locations will be 2'-0".

RFI 100 REVISED CHILLER PIPING

RFI 114 CPU LOCATION FOR HVAC CONTROL SYSTEM

MECHANICAL GENERAL NOTES:

1. INSTALL PETE'S PLUG BOTH SIDES OF BALANCING VALVES.
2. INSTALL MANUAL AIR VENTS AT ALL HIGH POINTS OF SYSTEM.
3. INSTALL AIR SEPARATOR/ELIMINATOR AS/E WHERE SHOWN WITH ISOLATION VALVES ON BOTH SIDES.
4. INSTALL BALANCING VALVES AT MAJOR BRANCHES AND AS SHOWN.
5. INSTALL UP TO 6 ADDITIONAL TEST PORTS FOR EACH BUILDING LOCATED BY TEST AND BALANCE CO.
6. ALL EXCAVATIONS WITHIN THE RIGHT OF WAY SHALL BE BACK FILLED BY TAMPING IN 6" HORIZONTAL LAYERS OR BY PONDING. ALL SURPLUS MATERIAL SHALL BE REMOVED FROM THE RIGHT OF WAY AND THE EXCAVATION FINISHED FLUSH WITH SURROUNDING NATURAL GROUND. ANY SETTLEMENT OCCURRING AFTER THE INITIAL INSTALLATION IN THE EXCAVATED AREA DUE TO CONSTRUCTION OPERATIONS SHALL BE BACKFILLED WITH SELECT MATERIAL AS SOON AS POSSIBLE.
7. COORDINATE ALL UNDERGROUND UTILITIES WITH ELECTRICAL, FIBER OPTICS, AND PLUMBING PIPING. REFER TO MEP OVERALL SITE PLAN, ELECTRICAL, AND PLUMBING SITE PLAN FOR POSSIBLE UTILITY CONFLICTS.

MECHANICAL PLAN NOTES

1. VALVE BOX FOR FUTURE CLASSROOM FACILITY. PROVIDE NEW PRE-INSULATED 4" CHILLED, 3" HOT WATER PIPING WITH BUTTERFLY VALVES TO THIS POINT. CLOSE BUTTERFLY VALVES AND CAP PIPE FOR FUTURE EXPANSION.
2. VALVE BOX FOR FUTURE RESIDENCE HALL. PROVIDE NEW PRE-INSULATED 6" CHILLED, 3" HOT WATER PIPING WITH BUTTERFLY VALVES TO THIS POINT. CLOSE BUTTERFLY VALVES AND CAP PIPE FOR FUTURE EXPANSION.
3. ALTERNATE #1: VALVE BOX FOR DODSON AUDITORIUM. PROVIDE NEW PRE-INSULATED 6" CHILLED, 4" HOT WATER PIPING WITH BUTTERFLY VALVES. ALL PIPING FROM VALVE BOX TO DODSON AUDITORIUM UNDER ALTERNATE #1.
4. VALVE BOX FOR GUSSIE NELL DAVIS BUILDING. PROVIDE NEW PRE-INSULATED 4" CHILLED, 2-1/2" HOT WATER PIPING WITH BUTTERFLY VALVES.
5. VALVE BOX FOR FUTURE REGION 7 BUILDING. PROVIDE NEW PRE-INSULATED 4" CHILLED, 2-1/2" HOT WATER PIPING WITH BUTTERFLY VALVES TO THIS POINT. CLOSE BUTTERFLY VALVES AND CAP PIPE FOR FUTURE EXPANSION.
6. CAP PIPES FOR FUTURE EXPANSION.
7. CONTRACTOR TO SAW CUT EXISTING CONCRETE DRIVE AND PATCH TO MATCH EXISTING CONCRETE DRIVE.
8. VERIFY PIPE IS ROUTED ON COLLEGE PROPERTY.
9. PIPE STANCHIONS TO BE PLACED EVERY 6 FEET.
10. CHILLED WATER PIPING TO BE INSTALLED AT A MINIMUM HEIGHT OF 8 FEET. MAINTAIN REQUIRED CLEARANCES FROM CHILLERS.

HOUSTON STREET PIPING REQUIREMENTS

PROPOSED DEPTH: 8'

1. HIGHWAY CROSSINGS UNDER SURFACED ROADS, SURFACED CROSS ROADS, AND SURFACED DRIVEWAYS WITHIN THE ROW SHALL BE PLACED BY BORING. ENCASEMENT LENGTH WILL DEPEND ON TYPE OF UTILITY LINE. STEEL CASING IS REQUIRED.
2. IF LINE OR CASING IS 8" OR LARGER, A DIRECTIONAL BORE OR DRY BORE SHALL BE REQUIRED.
3. CONTRACTOR ON THE JOB SITE MUST HAVE AN APPROVED COPY OF THE UTILITY PERMIT AND BE FULLY AWARE OF THE REQUIREMENTS OF THE PERMIT.
4. ENCASEMENT: ENCASEMENT SHALL BE PROVIDED UNDER NORMAL WIDTH CENTER MEDIANS AND FROM CENTER OF DITCH TO CENTER OF DITCH FOR CUT SECTIONS (OR 5 FEET BEHIND TOE OF SLOPE OR FACE OR CURB FOR FILL SECTIONS OF ALL ROADWAYS. REFER TO TEXAS DEPARTMENT OF TRANSPORTATION FOR CASING SIZE.
5. LOCATIONS: LONGITUDINAL LINES SHALL BE PLACED AS NEAR AS PRACTICABLE TO THE RIGHT OF WAY LINE AND CROSSINGS SHALL BE APPROXIMATELY PERPENDICULAR.
6. BORES: ALL CASINGS OR LINES TO BE PLACED LATITUDINAL TO HOUSTON STREET SHALL BE DIRECTIONAL BORED OR DRY BORED.

SUBMISSION OF BID WILL BE CONSIDERED ACKNOWLEDGMENT THAT THE CONTRACTOR HAS VISITED THE SITE AND HAS VERIFIED ALL EXISTING JOB CONDITIONS AND INCLUDED ANY NECESSARY MODIFICATION TO EXISTING AND NEW WORK REQUIRED FOR INSTALLATION OF A COMPLETE AND WORKING SYSTEM.

6/15/05

STATE OF TEXAS
ROBERT E. CLIVER
70125
REGISTERED PROFESSIONAL ENGINEER

June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 •PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 •Fax 903.753.7317
Email: TDA@T-DArchitects.com
www.T-DArchitects.com

MEP ENGINEER
EMA
www.estesmcclure.com
Estes, McClure & Associates, Inc.
Engineering & Consulting
3608 West Way
Tyler, Texas 75703
phone: 903-581-2677 fax: 903-581-2721

KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE

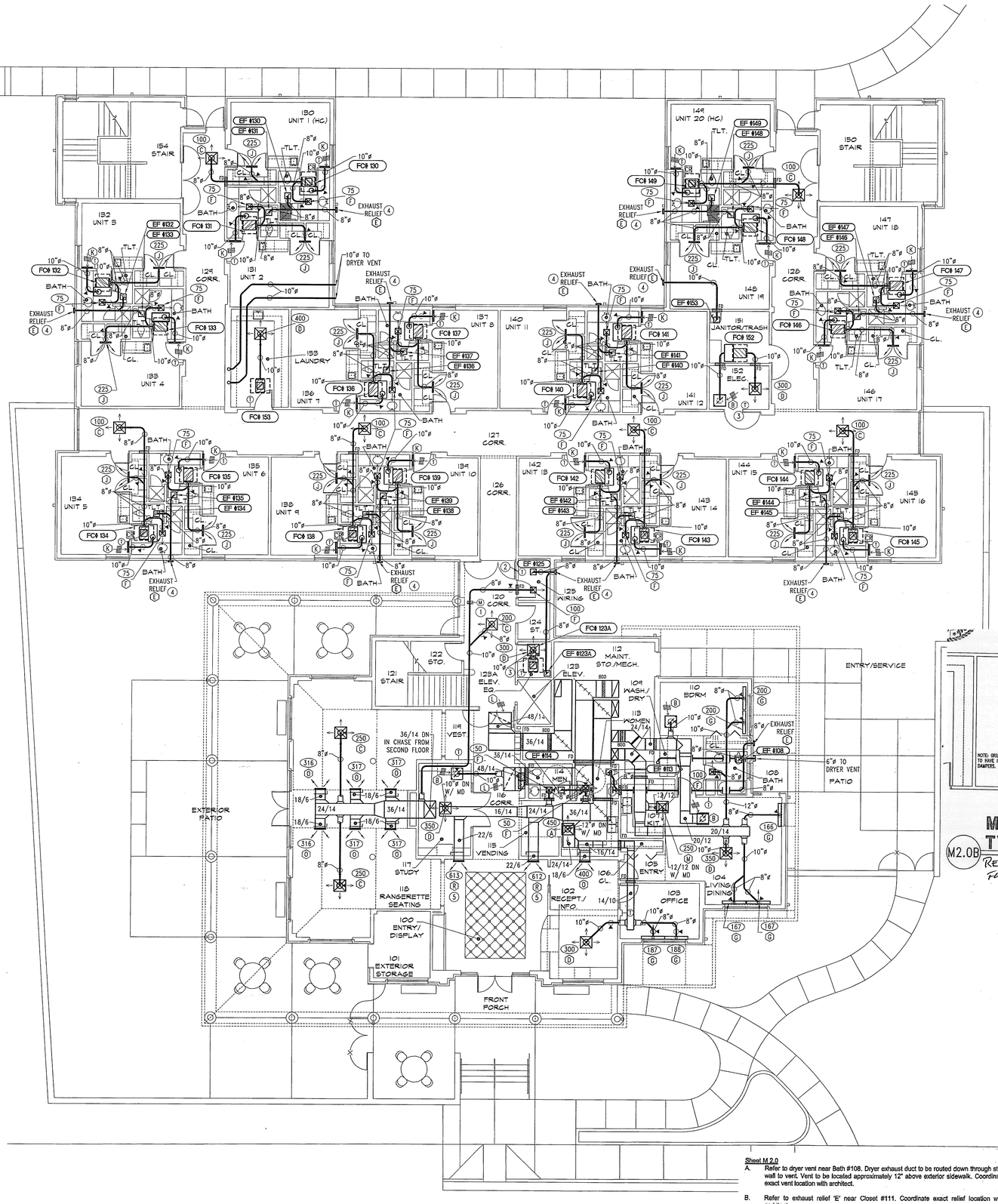
Kilgore, Texas

FILE NAME:

PROJECT NUMBER:
0421

SHEET CONTENTS:
MECHANICAL
SITE PLAN

M
1.0



MECHANICAL FLOOR PLAN - FIRST FLOOR

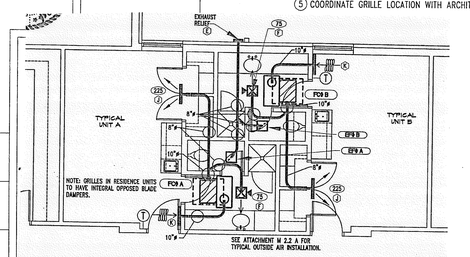
1 1/8"=1'-0"

Sheet M 2.0

A. Refer to dryer vent near Bath #108. Dryer exhaust duct to be routed down through stud wall to vent. Vent to be located approximately 12" above exterior sidewalk. Coordinate exact vent location with architect.

B. Refer to exhaust relief 'E' near Closet #111. Coordinate exact relief location with architect.

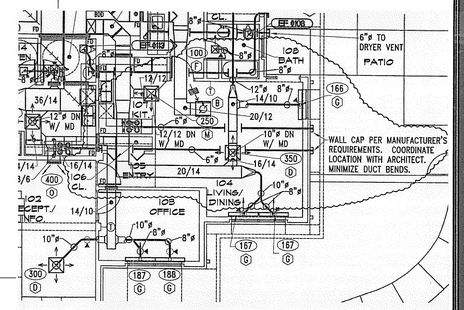
C. Refer to 'R' sidewall supply grilles located in Entry/Display #100. Grilles to be installed 10'-0" A.F.F. Coordinate exact mounting height with architect. Do not obscure artwork to be painted on wall.



MECHANICAL TYPICAL RESIDENCE ROOM

M2.0B

REFER TO RFI # 126 FOR MOTORIZED DAMPERS



MECHANICAL FLOOR PLAN - FIRST FLOOR

M2.0A

MECHANICAL GENERAL NOTES:

1. PROVIDE AND INSTALL MANUAL VOLUME CONTROL DAMPERS ON SUPPLY AND RETURN BRANCH DUCT SERVING A DIFFUSER OR REGISTER.
2. DUCT MOUNTED SMOKE DETECTORS SHALL BE FURNISHED BY THE FIRE ALARM CONTRACTOR, INSTALLED BY THE MECHANICAL CONTRACTOR, AND FINAL TIE-IN BY THE FIRE ALARM CONTRACTOR.
3. MECHANICAL CONTRACTOR TO PROVIDE TO THE PLUMBING CONTRACTOR THE RECOMMENDED AC MANUFACTURERS' DATA FOR CONDENSATE TRAPS PER EACH TYPE OF UNIT.
4. SEAL WITH FIRE RETARDANT SEALANT AROUND PIPE THROUGH ANY PENETRATION OF FIRE WALLS. REFER TO ARCHITECTURAL SHEETS FOR FIREWALLS.
5. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OR ADJUSTMENT OF ALL HOLD DOWN BOLTS ON COMPRESSORS AT HVAC EQUIPMENT TO ALLOW FOR PROPER VIBRATION ISOLATION.
6. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ALL ABANDONED SCREWS, PIPING, TAPE, PAPERS, PACKING PRODUCTS, ETC. FROM ROOF.
7. ALL EQUIPMENT ON THE ROOF SHALL BE PROPERLY LABELED PER SPECIFICATIONS.
8. ALL GRILLES ARE SHOWN IN APPROXIMATE LOCATION. FIELD VERIFY PLACEMENT WITH CEILING GRID.
9. CLOSE ALL OUTSIDE AIR DAMPERS UPON INSTALLATION AND KEEP ALL OUTSIDE AIR DAMPERS CLOSED UNTIL THE "TEST AND BALANCE" IS PERFORMED.
10. ALL OUTSIDE AIR UNITS ABOVE CORRIDOR CEILINGS SHALL BE LOCATED TO POSITION SERVICE ACCESS PANEL TO FACE TOWARD CENTER OF CORRIDOR.
11. PROVIDE AND INSTALL 18 GAUGE 2" DEEP GALVANIZED DRAIN PAN UNDER EACH FAN COIL (PER DETAIL).
12. INSTALL PETE'S PLUG BOTH SIDES OF BALANCING VALVES.
13. INSTALL MANUAL AIR VENTS AT ALL HIGH POINTS OF SYSTEM.
14. INSTALL AIR SEPARATOR/ELIMINATOR AS/E WHERE SHOWN WITH ISOLATION VALVES ON BOTH SIDES.
15. INSTALL BALANCING VALVES AT MAJOR BRANCHES AND AS SHOWN.
16. INSTALL UP TO 6 ADDITIONAL TEST PORTS FOR EACH BUILDING LOCATED BY TEST AND BALANCE CO.

MECHANICAL PLAN NOTES:

1. MOTORIZED DAMPER TO CLOSE WHEN A/C UNIT IS IN HEATING MODE. DAMPER TO BE CONTROLLED BY EMCS SYSTEM.
2. PROVIDE COOLING ONLY THERMOSTAT TO CONTROL EXHAUST FAN.
3. PROVIDE COOLING ONLY THERMOSTAT.
4. COORDINATE LOUVER LOCATION WITH ARCHITECTURAL.
5. COORDINATE GRILLE LOCATION WITH ARCHITECTURAL.

SUBMISSION OF BID WILL BE CONSIDERED ACKNOWLEDGMENT THAT THE CONTRACTOR HAS VISITED THE SITE AND HAS VERIFIED ALL EXISTING JOB CONDITIONS AND INCLUDED ANY NECESSARY MODIFICATION TO EXISTING AND NEW WORK REQUIRED FOR INSTALLATION OF A COMPLETE AND WORKING SYSTEM.

6/5/05

STATE OF TEXAS — ROBERT E. CLIVER — 70125 — REGISTERED PROFESSIONAL ENGINEER — MECHANICAL

June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 •P.O Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 •Fax 903.753.7317
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MEP ENGINEER

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www.estesmcclure.com
Estes, McClure & Associates, Inc.
Engineering & Consulting
3608 West Way
Tyler, Texas 75703
phone: 903-581-2677 fax: 903-581-2721

KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE

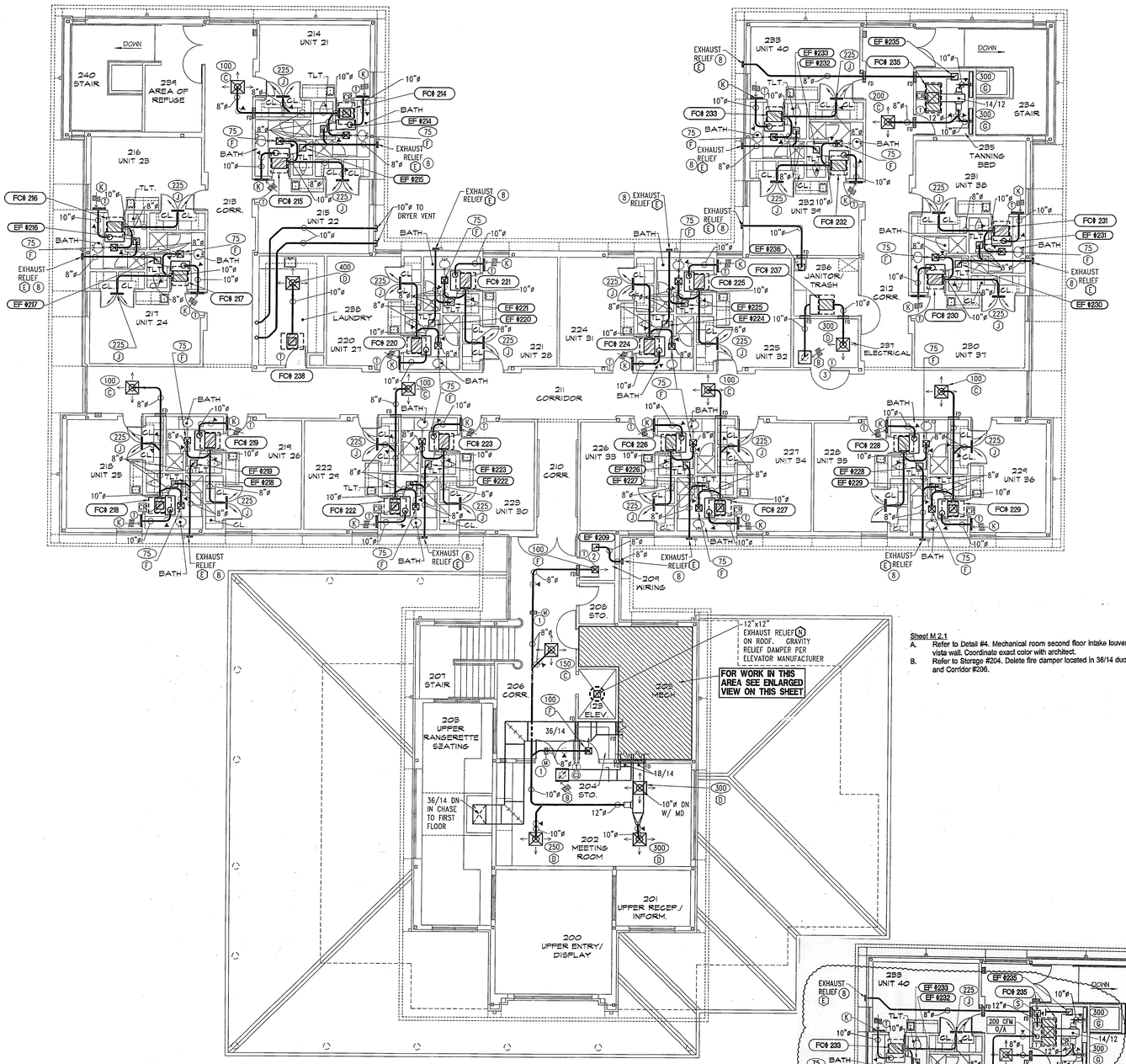
Kilgore, Texas

FILE NAME:

PROJECT NUMBER: 0421

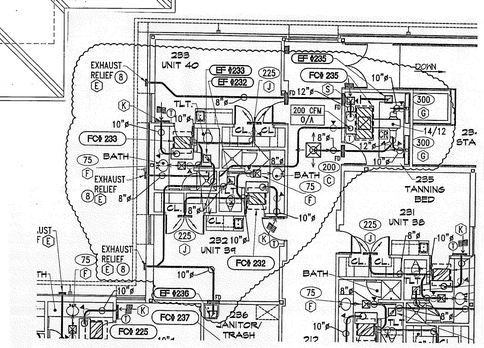
SHEET CONTENTS:
MECHANICAL
FLOOR PLAN
FIRST FLOOR

M 2.0



MECHANICAL FLOOR PLAN - SECOND FLOOR

1 — 1/8"=1'-0"



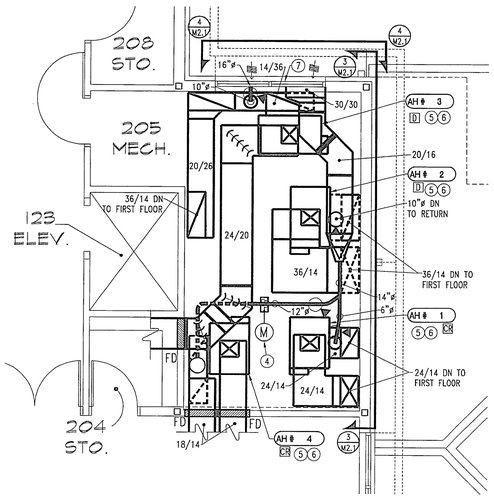
MECHANICAL FLOOR PLAN - SECOND FLOOR

M2.1A

Sheet M 2.1

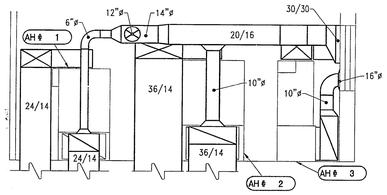
A. Refer to Detail #4. Mechanical room second floor intake louver to be painted to match vista wall. Coordinate exact color with architect.

B. Refer to Storage #204. Delete fire damper located in 36/14 duct between Storage #204 and Corridor #206.



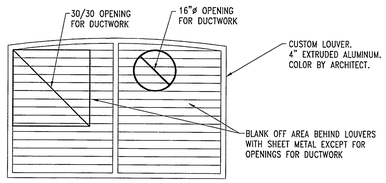
ENLARGED MECHANICAL ROOM SECOND FLOOR

2 — 1/4"=1'-0"



PLAN VIEW - MECHANICAL ROOM SECOND FLOOR

3 — 1/4"=1'-0"



PLAN VIEW - MECHANICAL ROOM SECOND FLOOR INTAKE LOUVER

4 — 1/2"=1'-0"

MECHANICAL GENERAL NOTES:

1. PROVIDE AND INSTALL MANUAL VOLUME CONTROL DAMPERS ON SUPPLY AND RETURN BRANCH DUCT SERVING A DIFFUSER OR REGISTER.
2. DUCT MOUNTED SMOKE DETECTORS SHALL BE FURNISHED BY THE FIRE ALARM CONTRACTOR, INSTALLED BY THE MECHANICAL CONTRACTOR, AND FINAL TIE-IN BY THE FIRE ALARM CONTRACTOR.
3. MECHANICAL CONTRACTOR TO PROVIDE TO THE PLUMBING CONTRACTOR THE RECOMMENDED AC MANUFACTURERS' DATA FOR CONDENSATE TRAPS PER EACH TYPE OF UNIT.
4. SEAL WITH FIRE RETARDANT SEALANT AROUND PIPE THROUGH ANY PENETRATION OF FIRE WALLS. REFER TO ARCHITECTURAL SHEETS FOR FIREWALLS.
5. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OR ADJUSTMENT OF ALL HOLD DOWN BOLTS ON COMPRESSORS AT HVAC EQUIPMENT TO ALLOW FOR PROPER VIBRATION ISOLATION.
6. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ALL ABANDONED SCREWS, PIPING, TAPE, PAPERS, PACKING PRODUCTS, ETC. FROM ROOF.
7. ALL EQUIPMENT ON THE ROOF SHALL BE PROPERLY LABELED PER SPECIFICATIONS.
8. ALL GRILLES ARE SHOWN IN APPROXIMATE LOCATION. FIELD VERIFY PLACEMENT WITH CEILING GRID.
9. CLOSE ALL OUTSIDE AIR DAMPERS UPON INSTALLATION AND KEEP ALL OUTSIDE AIR DAMPERS CLOSED UNTIL THE "TEST AND BALANCE" IS PERFORMED.
10. ALL OUTSIDE AIR UNITS ABOVE CORRIDOR CEILINGS SHALL BE LOCATED TO POSITION SERVICE ACCESS PANEL TO FACE TOWARD CENTER OF CORRIDOR.
11. PROVIDE AND INSTALL 18 GAUGE 2" DEEP GALVANIZED DRAIN PAN UNDER EACH FAN COIL (PER DETAIL).
12. INSTALL PETE'S PLUG BOTH SIDES OF BALANCING VALVES.
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14. INSTALL AIR SEPARATOR/ELIMINATOR AS/E WHERE SHOWN WITH ISOLATION VALVES ON BOTH SIDES.
15. INSTALL BALANCING VALVES AT MAJOR BRANCHES AND AS SHOWN.
16. INSTALL UP TO 6 ADDITIONAL TEST PORTS FOR EACH BUILDING LOCATED BY TEST AND BALANCE CO.

MECHANICAL PLAN NOTES:

1. MOTORIZED DAMPER TO CLOSE WHEN A/C UNIT IS IN HEATING MODE. DAMPER TO BE CONTROLLED BY EMCS SYSTEM.
2. PROVIDE COOLING ONLY THERMOSTAT TO CONTROL EXHAUST FAN.
3. PROVIDE COOLING ONLY THERMOSTAT.
4. MOTORIZED DAMPER CONTROLLED BY CO2 SENSOR IN ROOM #202.
5. AIR HANDLER TO BE BUILT ON HOUSE KEEPING PAD. PAD TO BE TALL ENOUGH FOR P-TRAP CLEARANCE. COORDINATE WITH UNIT MANUFACTURER.
6. PROVIDE FILTER RACK AT RETURN.
7. OUTSIDE AIR LOUVER BY MECHANICAL CONTRACTOR. SIZE LOUVER PER ARCHITECTURAL FRAMING. BLANK OFF ALL UNUSED LOUVER AREA WITH SHEET METAL INSIDE MECHANICAL ROOM.
8. COORDINATE LOUVER LOCATION WITH ARCHITECT.

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4/15/05

ROBERT E. CLIVER
REGISTERED
70125
PROFESSIONAL ENGINEER

June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects

1100 Judson Rd., Suite 620 •PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771•Fax 903.753.7317

Email:TDA@T-DArchitects.com
www.T-DArchitects.com

MEP ENGINEER

EMA
www.estesmcclure.com

Estes, McClure & Associates, Inc.
Engineering & Consulting
3608 West Way
Tyler, Texas 75703
phone: 903-581-2677 fax: 903-581-2721

KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE

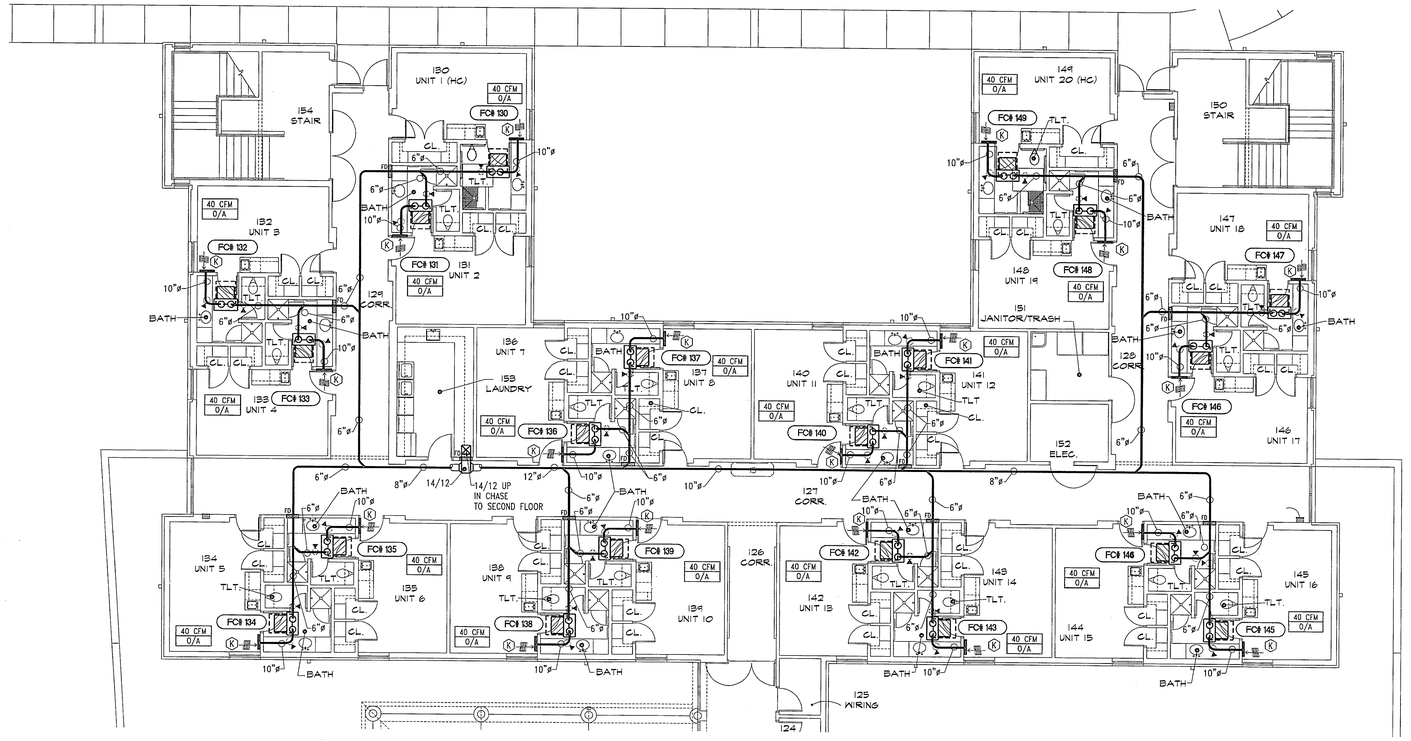
Kilgore, Texas

FILE NAME:

PROJECT NUMBER:
0421

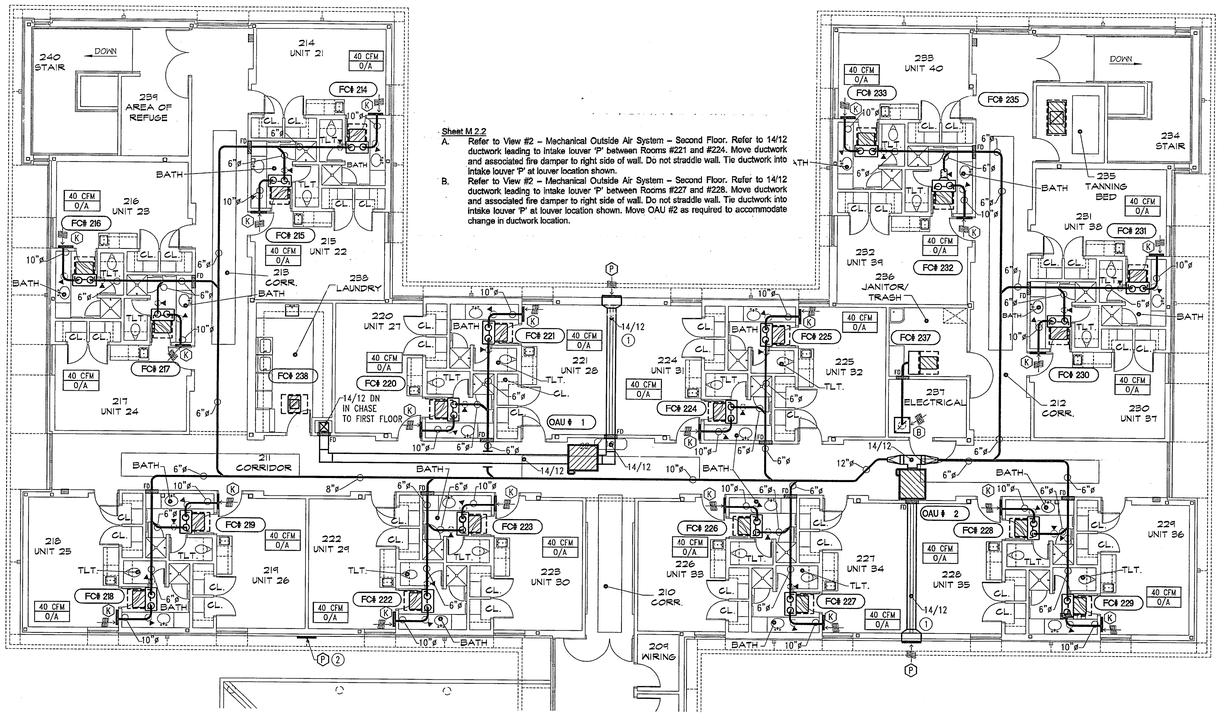
SHEET CONTENTS:
MECHANICAL
FLOOR PLAN
SECOND FLOOR

M
2.1



MECHANICAL
OUTSIDE AIR SYSTEM - FIRST FLOOR

1 — 1/8"=1'-0"



Sheet M 2.2

A. Refer to View #2 – Mechanical Outside Air System – Second Floor. Refer to 14/12 ductwork leading to intake louver 'P' between Rooms #221 and #224. Move ductwork and associated fire damper to right side of wall. Do not straddle wall. Tie ductwork into intake louver 'P' at louver location shown.

B. Refer to View #2 – Mechanical Outside Air System – Second Floor. Refer to 14/12 ductwork leading to intake louver 'P' between Rooms #227 and #228. Move ductwork and associated fire damper to right side of wall. Do not straddle wall. Tie ductwork into intake louver 'P' at louver location shown. Move OAU #2 as required to accommodate change in ductwork location.

MECHANICAL
OUTSIDE AIR SYSTEM - SECOND FLOOR

2 — 1/8"=1'-0"

MECHANICAL GENERAL NOTES:

1. PROVIDE AND INSTALL MANUAL VOLUME CONTROL DAMPERS ON SUPPLY AND RETURN BRANCH DUCT SERVING A DIFFUSER OR REGISTER.
2. DUCT MOUNTED SMOKE DETECTORS SHALL BE FURNISHED BY THE FIRE ALARM CONTRACTOR, INSTALLED BY THE MECHANICAL CONTRACTOR, AND FINAL TIE-IN BY THE FIRE ALARM CONTRACTOR.
3. MECHANICAL CONTRACTOR TO PROVIDE TO THE PLUMBING CONTRACTOR THE RECOMMENDED AC MANUFACTURERS' DATA FOR CONDENSATE TRAPS PER EACH TYPE OF UNIT.
4. SEAL WITH FIRE RETARDANT SEALANT AROUND PIPE THROUGH ANY PENETRATION OF FIRE WALLS. REFER TO ARCHITECTURAL SHEETS FOR FIREWALLS.
5. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OR ADJUSTMENT OF ALL HOLD DOWN BOLTS ON COMPRESSORS AT HVAC EQUIPMENT TO ALLOW FOR PROPER VIBRATION ISOLATION.
6. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ALL ABANDONED SCREWS, PIPING, TAPE, PAPERS, PACKING PRODUCTS, ETC. FROM ROOF.
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9. CLOSE ALL OUTSIDE AIR DAMPERS UPON INSTALLATION AND KEEP ALL OUTSIDE AIR DAMPERS CLOSED UNTIL THE "TEST AND BALANCE" IS PERFORMED.
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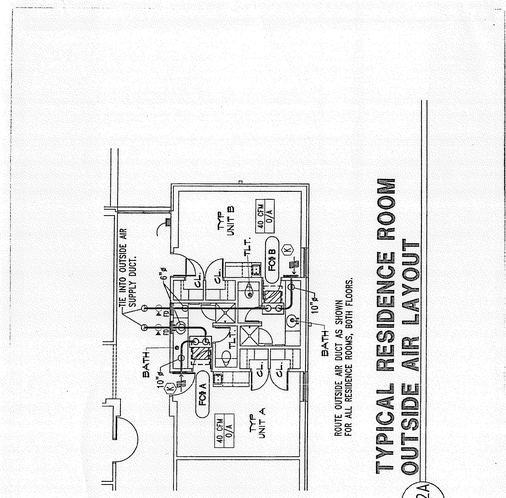
15. INSTALL BALANCING VALVES AT MAJOR BRANCHES AND AS SHOWN.
16. INSTALL UP TO 6 ADDITIONAL TEST PORTS FOR EACH BUILDING LOCATED BY TEST AND BALANCE CO.

MECHANICAL PLAN NOTES:

(1) COORDINATE DUCT ROUTING WITH STRUCTURAL CONSTRAINTS.

(2) BLANK OFF LOUVER WITH SHEET METAL.



TYPICAL RESIDENCE ROOM OUTSIDE AIR LAYOUT

M2.2A

STATE OF TEXAS — ROBERT E. CLIVER — 70125 — REGISTERED PROFESSIONAL ENGINEER — 6/30/05

Estes, McClure & Associates, Inc. Engineering & Consulting 3608 West Way Tyler, Texas 75703	KILGORE COLLEGE GUSSIE NELL DAVIS RANGERETTE RESIDENCE HALL KILGORE, TEXAS	Proj # 7061 Date 6/28/2005 Addendum 61 Drawing M 2.2A

SUBMISSION OF BID WILL BE CONSIDERED ACKNOWLEDGMENT THAT THE CONTRACTOR HAS VISITED THE SITE AND HAS VERIFIED ALL EXISTING JOB CONDITIONS AND INCLUDED ANY NECESSARY MODIFICATION TO EXISTING AND NEW WORK REQUIRED FOR INSTALLATION OF A COMPLETE AND WORKING SYSTEM.

6/15/05

STATE OF TEXAS — ROBERT E. CLIVER — 70125 — REGISTERED PROFESSIONAL ENGINEER

June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 ◆ Box 2723
Longview, Texas 75606-2723
Phone 903.236.9771 ◆ Fax 903.753.7517
Email: TDA@T-DArchitects.com
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Estes, McClure & Associates, Inc.
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KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE

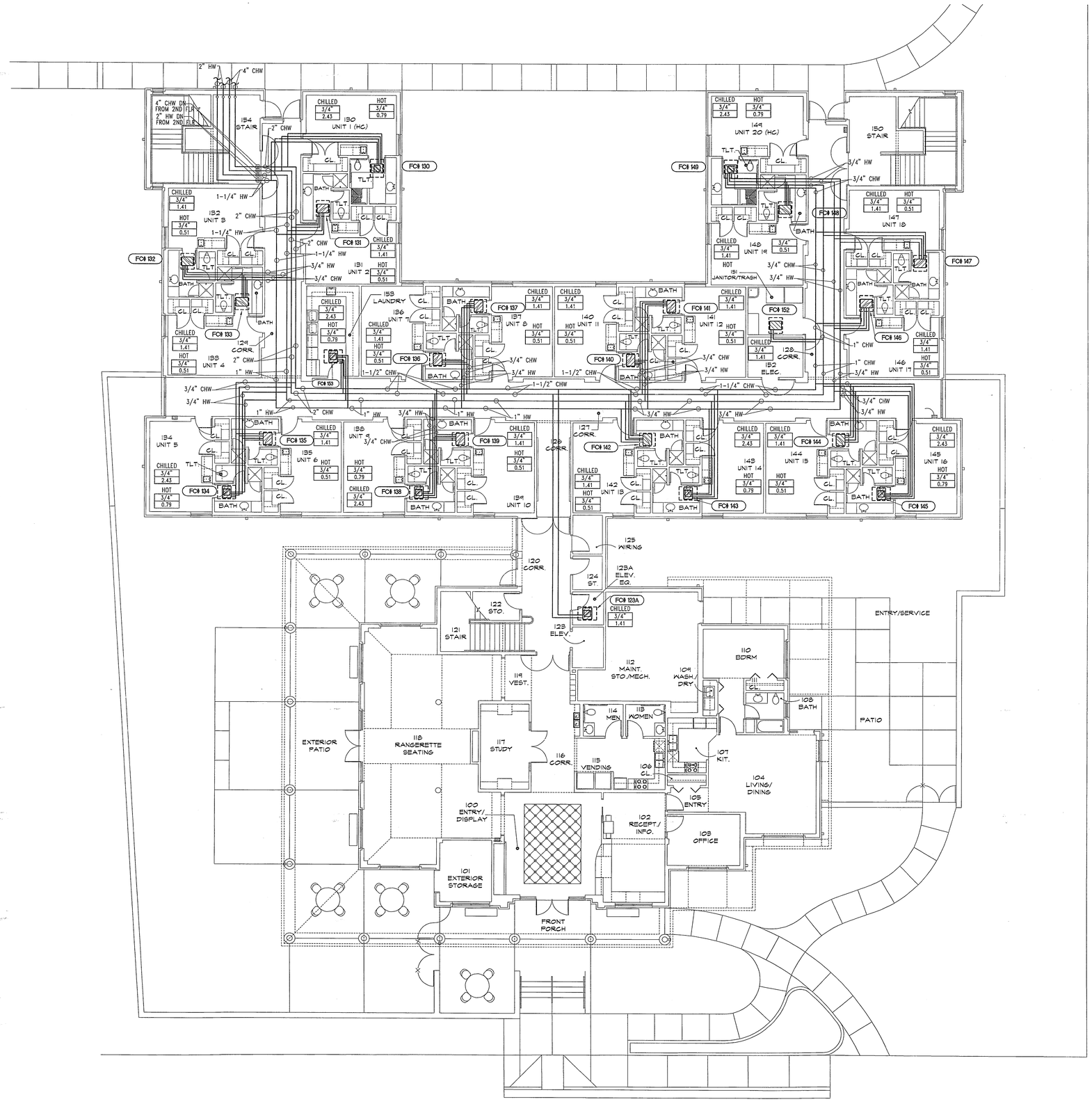
Kilgore, Texas

FILE NAME:

PROJECT NUMBER:
0421

SHEET CONTENTS:
MECHANICAL
OUTSIDE AIR SYSTEMS
RESIDENCE ROOMS

M
2.2



MECHANICAL
PIPING PLAN - FIRST FLOOR

1 1/8"=1'-0"

MECHANICAL GENERAL NOTES:

1. PROVIDE AND INSTALL MANUAL VOLUME CONTROL DAMPERS ON SUPPLY AND RETURN BRANCH DUCT SERVING A DIFFUSER OR REGISTER.
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STATE OF TEXAS ROBERT E. CLIVER 70125 REGISTERED PROFESSIONAL ENGINEER

June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 Fax 903.753.7317
Email TDA@TDArchitects.com
www.TDArchitects.com

MEP ENGINEER
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Estes, McClure & Associates, Inc.
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3608 West Way
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KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE

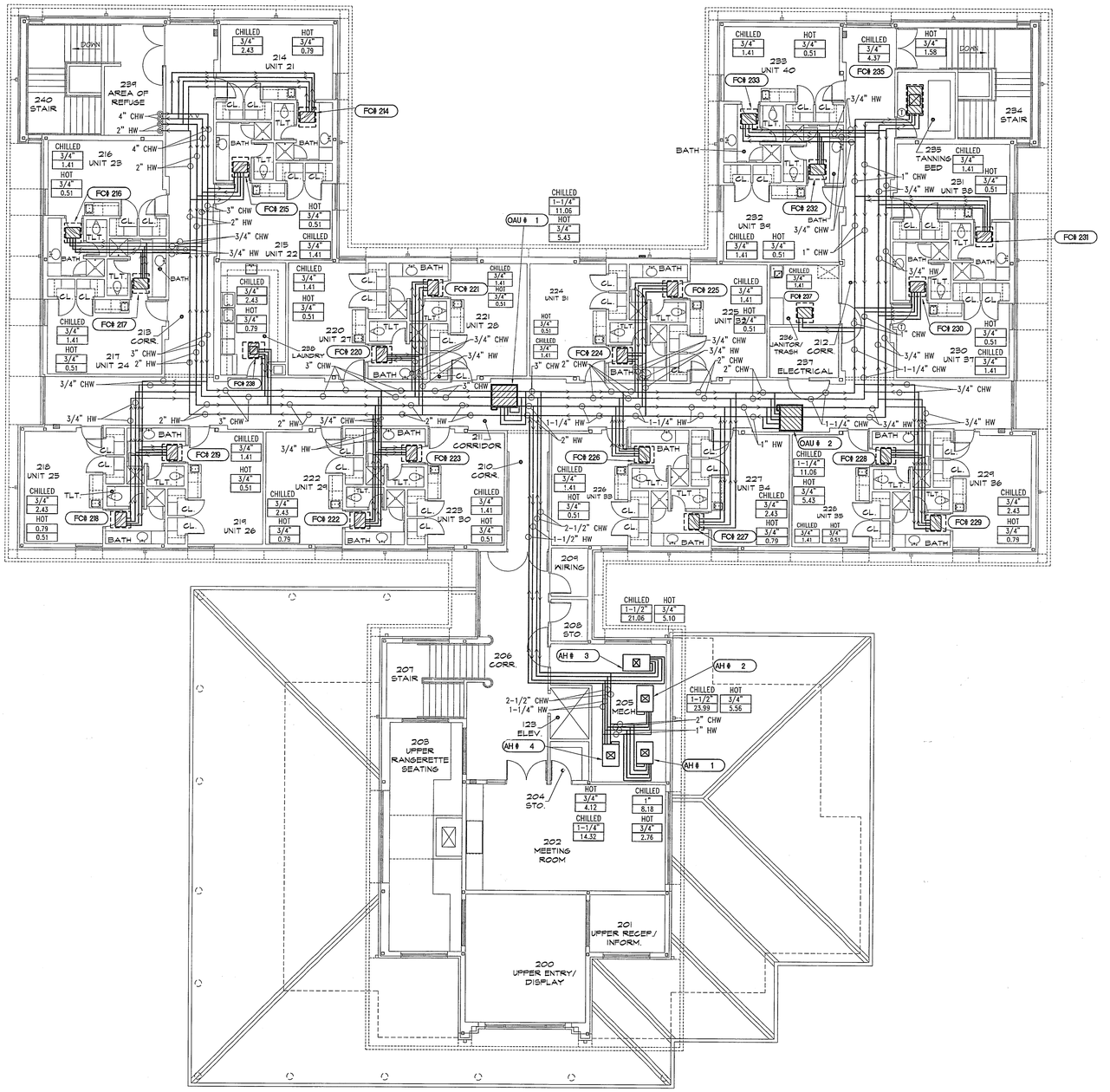
Kilgore, Texas

FILE NAME:

PROJECT NUMBER: 0421

SHEET CONTENTS:
MECHANICAL
PIPING PLAN
FIRST FLOOR

M 2.3



MECHANICAL
PIPING PLAN - SECOND FLOOR

1 — 1/8"=1'-0"

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ROBERT K. CLIVER
70120
REGISTERED PROFESSIONAL ENGINEER
STATE OF TEXAS

June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 •PO Box 2723
Longview, Texas 75606-2723
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KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE

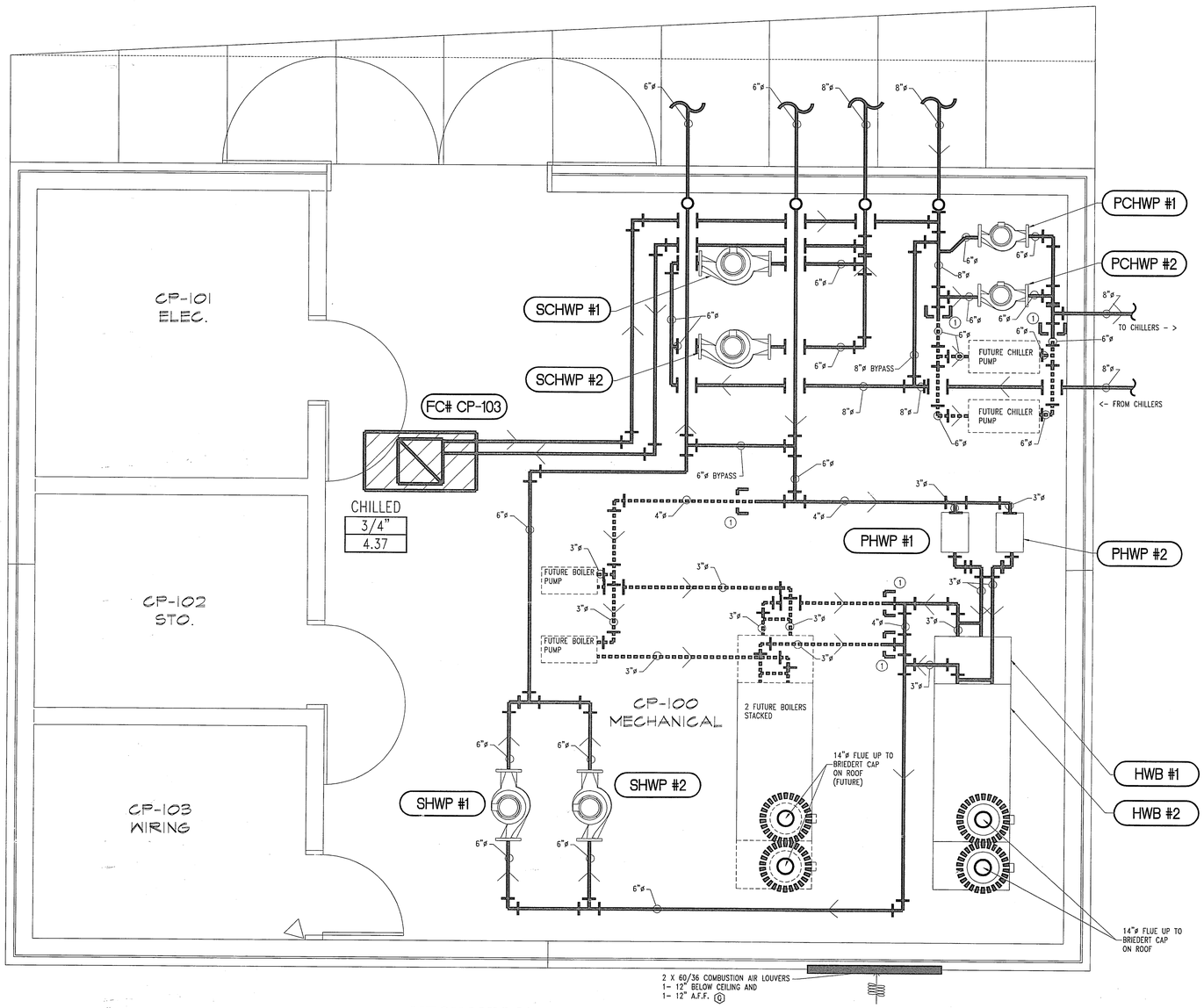
Kilgore, Texas

FILE NAME:

PROJECT NUMBER:
0421

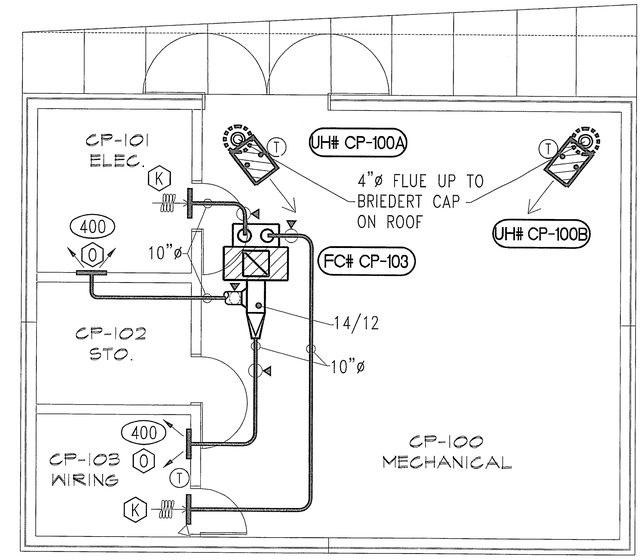
SHEET CONTENTS:
MECHANICAL
PIPING PLAN
SECOND FLOOR

M
2.4



MECHANICAL
CENTRAL PLANT OVERALL FLOOR PLAN

1 — 1/2"=1'-0"



MECHANICAL
CENTRAL PLANT HVAC PLAN

2 — 1/4"=1'-0"

MECHANICAL PLAN NOTES:

(1) CAP PIPE FOR FUTURE EXPANSION.

MECHANICAL GENERAL NOTES:

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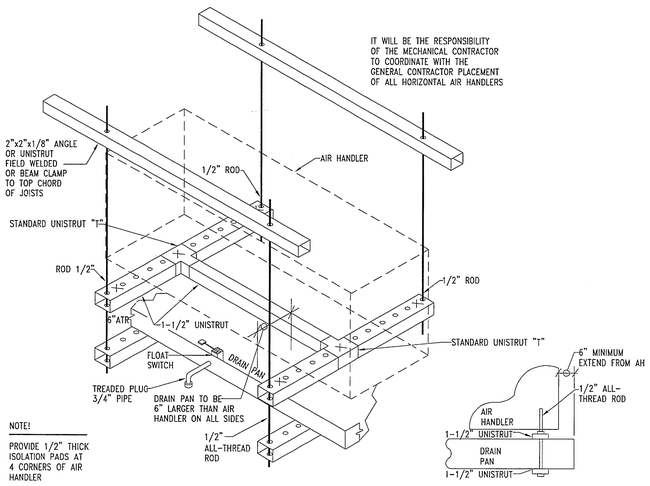
Kilgore, Texas

FILE NAME:

PROJECT NUMBER:
0421

SHEET CONTENTS:
CENTRAL PLANT BUILDING
MECHANICAL FLOOR PLAN

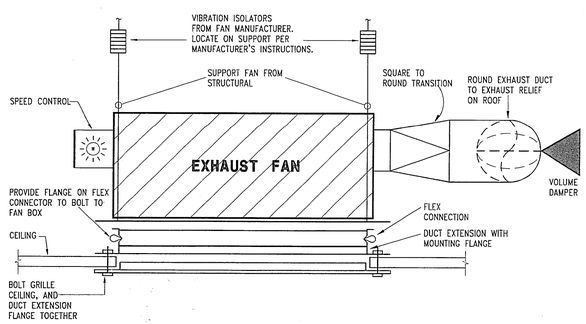
M
2.5



UNISTRUT END BRACING TO EXTEND 6" INCHES PAST END OF AHU UNIT IN ALL FOUR DIRECTIONS. 1/2" ROD LOCATED AT OUTER END OF UNISTRUT

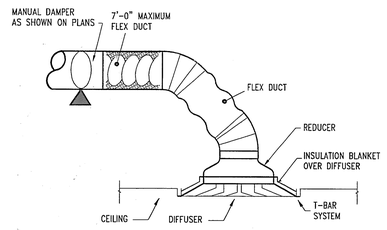
1 TYPICAL AIR HANDLER UNIT SUPPORT

N.T.S.

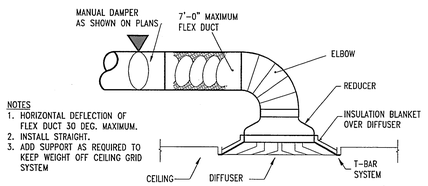


2 TYPICAL CEILING EXHAUST FAN

N.T.S. NON RATED CEILING

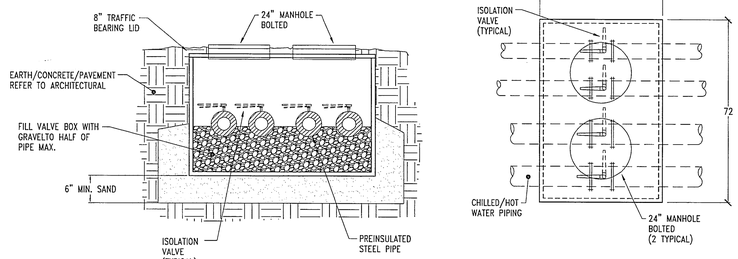


RFI 112 DUCTWORK SUSPENSION



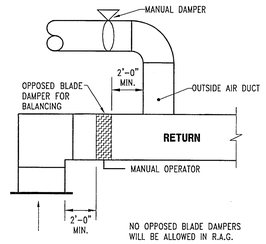
3 TYPICAL SUPPLY DIFFUSER

N.T.S.



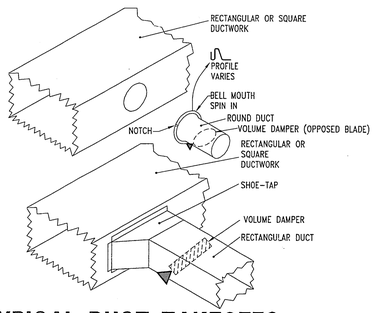
4 CHILLED/HOT CONCRETE WATER PIPING VALVE BOX

N.T.S.



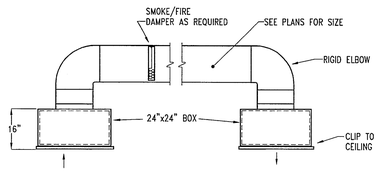
5 TYPICAL OUTSIDE AIR BALANCING

N.T.S.



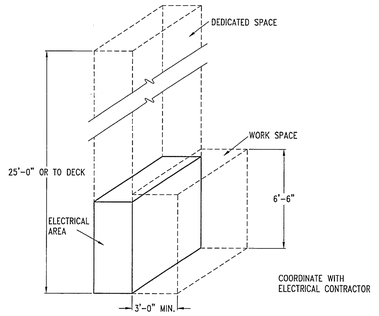
6 TYPICAL DUCT TAKEOFFS

N.T.S.



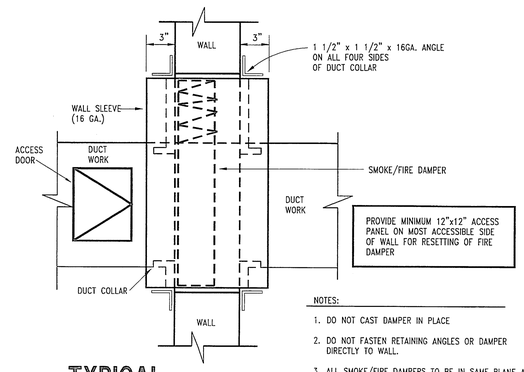
7 TYPICAL CROSSOVER DUCT

N.T.S.



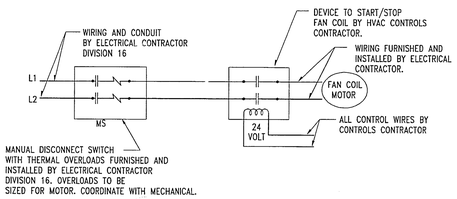
8 INSTALLATION CLEARANCES AROUND ELECTRICAL EQUIPMENT

N.T.S.



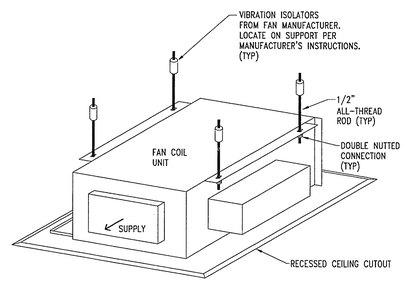
9 TYPICAL 1HR. & 2HR. WALL SMOKE/FIRE DAMPER

N.T.S.



10 TYPICAL FAN COIL WIRING

N.T.S.



11 TYPICAL FAN COIL UNIT

N.T.S.

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6/15/05

STATE OF TEXAS
ROBERT L. CLIVER
70925
REGISTERED
PROFESSIONAL ENGINEER

June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 Fax 903.753.7317
Email: TDA@T-DArchitects.com
www.T-DArchitects.com

MEP ENGINEER
EMA
www.estesmcclure.com
Estes, McClure & Associates, Inc.
Engineering & Consulting
3608 West Way
Tyler, Texas 75703
phone: 903-581-2677 fax. 903-581-2721

KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE

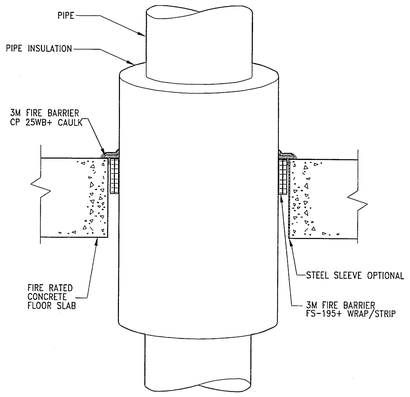
Kilgore, Texas

FILE NAME:

PROJECT NUMBER:
0421

SHEET CONTENTS:
MECHANICAL DETAILS

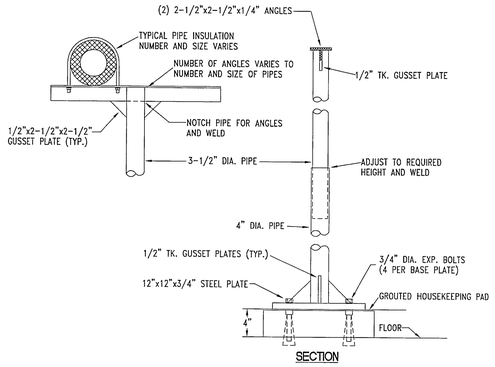
M
2.6



1 TWO HOUR FLOOR PENETRATION FOR INSULATED PIPE

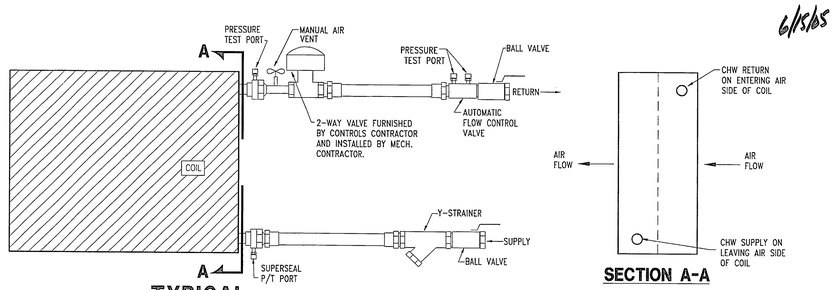
N.T.S.

RFI 82 DUCT PENETRATIONS



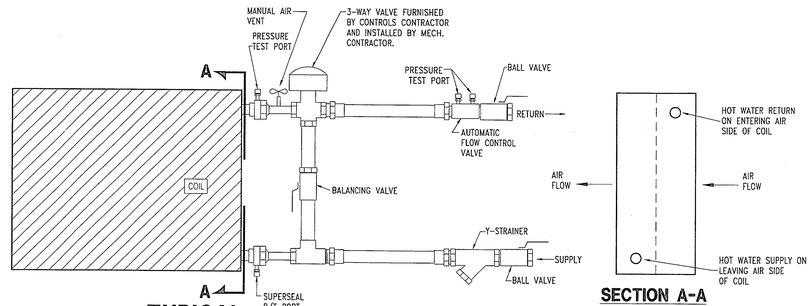
4 PIPE STANCHION DETAIL

N.T.S.



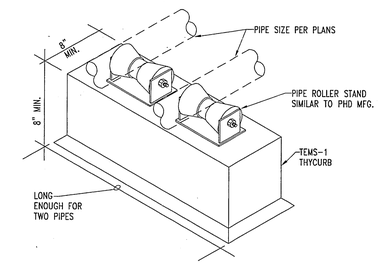
7 TYPICAL 2-WAY VALVE COIL PIPING

N.T.S.



8 TYPICAL 3-WAY VALVE COIL PIPING

N.T.S.



2 ONE AND TWO HOUR WALL PENETRATION FOR INSULATED PIPE

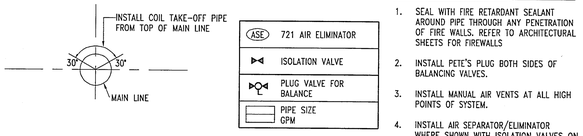
N.T.S.

5 EXPANSION TANK SUPPORT SADDLE

N.T.S.

3 PIPE ROLLER STAND

N.T.S.

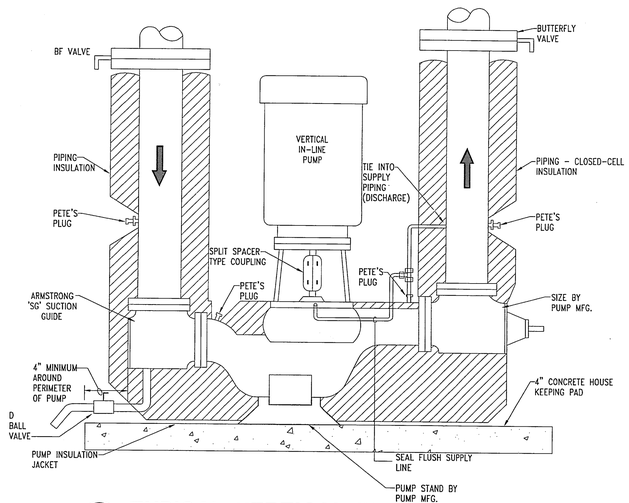


NOTES:

1. SEAL WITH FIRE RETARDANT SEALANT AROUND PIPE THROUGH ANY PENETRATION OF FIRE WALLS. REFER TO ARCHITECTURAL SHEETS FOR FIREWALLS
2. INSTALL PETE'S PLUG BOTH SIDES OF BALANCING VALVES.
3. INSTALL MANUAL AIR VENTS AT ALL HIGH POINTS OF SYSTEM.
4. INSTALL AIR SEPARATOR/ELIMINATOR WHERE SHOWN WITH ISOLATION VALVES ON BOTH SIDES.
5. INSTALL BALANCING VALVES AT MAJOR BRANCHES AND AS SHOWN.

6 TYPICAL CHILLED/ HOT WATER COIL TAKE-OFF

N.T.S.



9 TYPICAL VERTICAL IN-LINE PUMP

N.T.S.

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6/15/05

ROBERT E. CLIVER 70125 REGISTERED PROFESSIONAL ENGINEER

June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 •PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.1771 •Fax 903.753.7317
Email:TDA@T-DArchitects.com
www.T-DArchitects.com

MEP ENGINEER
EMA
www.estesmcclure.com
Estes, McClure & Associates, Inc.
Engineering & Consulting
3608 West Way
Tyler, Texas 75703
phone: 903-581-2677 fax: 903-581-2721

KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE

Kilgore, Texas

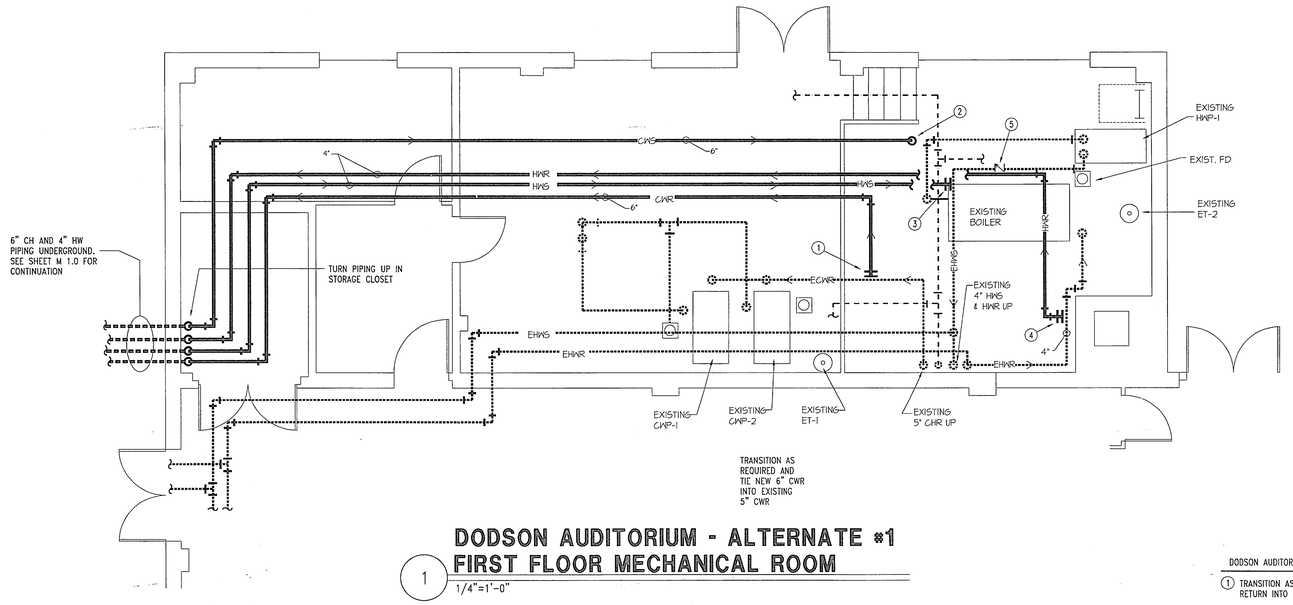
FILE NAME:

PROJECT NUMBER: 0421

SHEET CONTENTS:

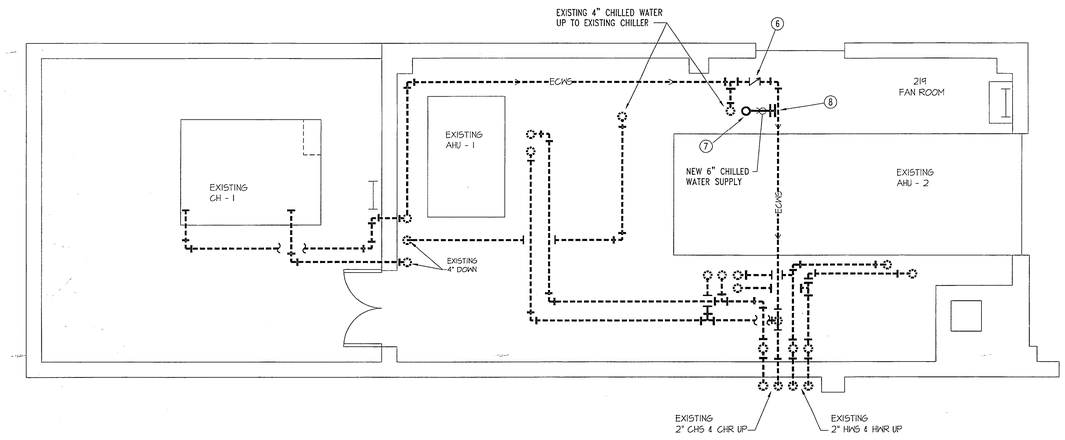
MECHANICAL DETAILS

M 2.7



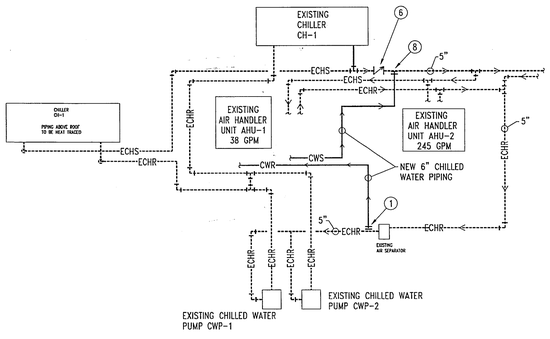
DODSON AUDITORIUM - ALTERNATE #1 FIRST FLOOR MECHANICAL ROOM

1 — 1/4"=1'-0"



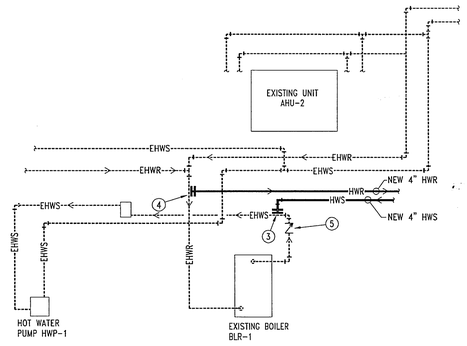
DODSON AUDITORIUM - ALTERNATE #1 SECOND FLOOR MECHANICAL ROOM

2 — 1/4"=1'-0"



DODSON AUDITORIUM - ALTERNATE #1 CHILLED WATER PIPING SCHEMATIC

3 — N.T.S.

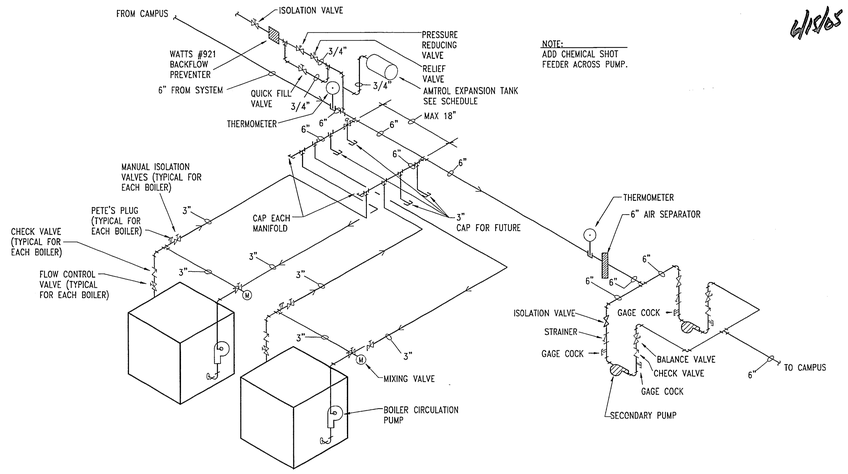


DODSON AUDITORIUM - ALTERNATE #1 HOT WATER PIPING SCHEMATIC

4 — N.T.S.

DODSON AUDITORIUM MECHANICAL PLAN NOTES:

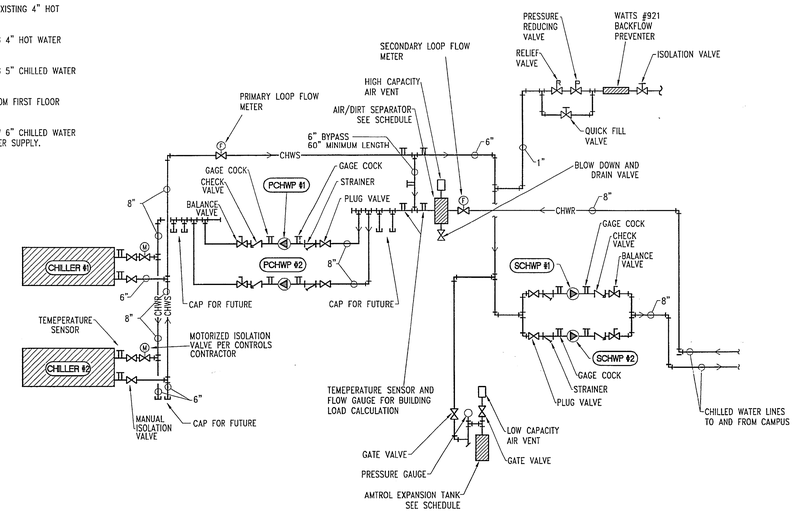
1. TRANSITION AS REQUIRED AND TIE NEW 6" CHILLED WATER RETURN INTO EXISTING 5" CHILLED WATER RETURN.
2. TURN NEW 6" CHILLED WATER SUPPLY UP TO SECOND FLOOR MECHANICAL ROOM.
3. TIE NEW 4" HOT WATER SUPPLY INTO EXISTING 4" HOT WATER SUPPLY.
4. TIE NEW 4" HOT WATER RETURN INTO EXISTING 4" HOT WATER RETURN.
5. PROVIDE NEW CHECK VALVE IN EXISTING 4" HOT WATER SUPPLY.
6. PROVIDE NEW CHECK VALVE IN EXISTING 5" CHILLED WATER SUPPLY.
7. NEW 6" CHILLED WATER SUPPLY UP FROM FIRST FLOOR MECHANICAL ROOM.
8. TRANSISTION AS REQUIRED AND TIE NEW 6" CHILLED WATER SUPPLY INTO EXISTING 5" CHILLED WATER SUPPLY.



NOTE: THERE WILL BE 2 MORE BOILERS ADDED TO THE SYSTEM AT A FUTURE DATE.

MULTIPLE HEATING BOILERS PIPING SCHEMATIC

5 — N.T.S.



CHILLED WATER SYSTEM PIPING SCHEMATIC

6 — N.T.S.

GENERAL NOTES:

1. ALL SEALANTS AT FIREWALL PENETRATIONS TO BE APPLIED BY FIRE STOPPING CONTRACTOR. MECHANICAL CONTRACTOR SHALL COORDINATE AND INSTALL SLEEVING REQUIREMENTS WITH FIRE STOPPING CONTRACTOR.
2. INSTALL PETE'S PLUG BOTH SIDES OF BALANCING VALVES.
3. INSTALL MANUAL AIR VENTS AT ALL HIGH POINTS OF SYSTEM.
4. INSTALL AIR SEPARATOR/ELIMINATOR WHERE SHOWN WITH ISOLATION VALVES ON BOTH SIDES.
5. INSTALL BALANCING VALVES AT MAJOR BRANCHES AND AS SHOWN.
6. PIPE INSULATION TO BE CONTINUOUS THROUGH WALL AND FLOOR PENETRATIONS.

SUBMISSION OF BID WILL BE CONSIDERED ACKNOWLEDGMENT THAT THE CONTRACTOR HAS VISITED THE SITE AND HAS VERIFIED ALL EXISTING JOB CONDITIONS AND INCLUDED ANY NECESSARY MODIFICATION TO EXISTING AND NEW WORK REQUIRED FOR INSTALLATION OF A COMPLETE AND WORKING SYSTEM.

4/15/05

STATE OF TEXAS — ROBERT E. CLIVER — 70125 — REGISTERED PROFESSIONAL ENGINEER

June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 ◆ Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 ◆ Fax 903.753.7317
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KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE

Kilgore, Texas

FILE NAME:

PROJECT NUMBER: 0421

SHEET CONTENTS:

MECHANICAL

DETAILS

M 2.8

AIR COOLED PACKAGED CHILLER SCHEDULE:

UNIT TAG	CHILLER 1-2
TRANE MODEL	RTAA-125
QUANTITY	2 NOW, 2 IN FUTURE
NOMINAL CAPACITY (TONS)	125
EWT/LWT (F)	55/45
EVAPORATOR GPM	282.8
EVAP P.D.	20.7
FOULING FACTOR	0.00010
***** UNIT KW (AT FULL LOAD, 105°F AMBIENT)	149.1
UNIT EER (AT FULL LOAD, 105°F AMBIENT)	8.6
VOLT/PHASE	460/3
NO. COMPRESSORS	2
NO. FANS	10
REFRIGERANT	R22
WEIGHT	8,360

* SEE CHILLER SPECIFICATIONS FOR ADDITIONAL CHILLER ACCESSORIES.
** CHILLER EVAPORATOR DRAIN PLUG TO BE OPEN DURING BELOW FREEZING STORAGE PERIOD. EVAPORATOR HEAT TAPE AND CHILLED WATER SUPPLY AND RETURN LINES MUST HAVE HEAT TAPE OF
*** PROVIDE HAIL GUARD OVER EXPOSED CONDENSER COILS.
**** CHILLERS TO BE PROVIDED BY OWNER.
***** KW DRAW FOR COMPRESSORS ONLY
****** ALL UNITS TO HAVE ACOUSTICAL PACKAGE.

EXPANSION TANK AND AIR SEPERATOR SCHEDULE

MARK	MANUFACTURER MODEL #	REMARKS
ET-1	AMTROL AX-60	CHILLED WATER SYSTEM, VERTICAL FLOOR MOUNT TANK WITH 4" CONCRETE HOUSE PAD
ET-2	AMTROL AX-60	HOT WATER SYSTEM VERTICAL FLOOR MOUNT TANK WITH 4" CONCRETE HOUSE PAD
AS-1	SPIROVENT SPIROTHERM VHT-800	CHILLED WATER SYSTEM = 1200 GPM MOUNTED AT 8'-0" A.F.F. 10" HIGH VELOCITY UNIT
AS-2	SPIROVENT SPIROTHERM VHT-600	HOT WATER SYSTEM = 700 GPM MOUNTED AT 8'-0" A.F.F. 5" HIGH VELOCITY UNIT

HEATING BOILER SCHEDULE

MARK	MFG.: **LOCHINVAR COPPER FIN II**	ELECTRICAL	AMPS	M.B.H. INPUT	M.B.H. OUTPUT	REMARKS
BOILER # 1, 2	CHN-2071	120V., 1ø	18	2070	1738.8	STACK BOILERS IN SETS OF TWO.

*BOILERS TO BE PROVIDED BY OWNER.

PUMP SCHEDULE

MARK	MFG. USED IN DESIGN **ARMSTRONG** PART NO.	PUMP GPM	PUMP FT./HD	PUMP % EFF	MOTOR HP	MOTOR RPM	VOLTAGE PHASE	REMARKS
PHWP #1,2	SERIES 2B4360	85	17	73	3/4	1750	120V./1ø	BOILER CIRCULATION PUMP
PCHWP #1,2	SERIES 4380 4x4x6	300	25	82	3	1750	208V./1ø	CLOSED COUPLED VERTICAL INLINE PUMP, ARMSTRONG "SG" SUCTION DIFFUSER WITH STRAINER AND ARMSTRONG "FTA" CONTROL VALVE WITH CHECK VALVE
* SCHWP #1,2	SERIES 4300 6x6x10	600	100	82	20	1750	460V./3ø	SPLIT COUPLED VERTICAL INLINE PUMP, ARMSTRONG "SG" SUCTION DIFFUSER WITH STRAINER AND ARMSTRONG "FTA" CONTROL VALVE WITH CHECK VALVE
* SHWP #1,2	SERIES 4300 6x6x10	350	100	82	15	1750	460V./3ø	

*MECHANICAL CONTRACTOR TO PROVIDE VARIABLE FREQUENCY DRIVE

Sheet M2.9
A. Refer to Pump Schedule.
1. Refer to SCHWP #1, 2. These pumps to pump in parallel to provide a total of 1200 gpm. A pump operating by itself must be able to provide 80% of total capacity and reach system curve.
2. Refer to SHWP #1, 2. These pumps to pump in parallel to provide a total of 700 gpm. A pump operating by itself must be able to provide 80% of total capacity and reach system curve.
3. The split coupled pumps to have silicone carbide, outside balance, pressure seals.
B. Refer to Expansion Tank Schedule.
1. Chilled water expansion tank to be equal to Armstrong A200-L.
2. Hot water expansion tank to be equal to Armstrong 1600-L.

MECHANICAL SYMBOLS

THERMOSTAT/SENSOR (PER SPEC.)	T
CO2 SENSOR	CO2
HUMIDISTAT	H
CFM (CUBIC FT. PER MIN.)	
GRILLE TYPE	
DUCT DIAMETER	ø
RETURN AIR GRILLE WITH ARROW	
SUPPLY GRILLE WITH AIR FLOW	
CONTROL RELAY	CR
FIRE STAT	FS
DUCT DETECTOR WITH CONTROL RELAY	D
BACK DRAFT DAMPER (BDD)	BDD
FIRE DAMPER (FD)	FD
SMOKE FIRE DAMPER (SFD)	SFD
MANUAL VOLUME DAMPER	MVD
OPPOSED BLADE DAMPER *(OBD)	OBD
SPLITTER DAMPER	SD
EXHAUST/SUPPLY FAN/ ROOF RELIEF	
SERVICE ACCESS AREA	
REFRIGERANT/CONDENSATE LINE	
SPIRAL DUCT	
CAP	
UNIT	
MOTORIZED DAMPER	M
DOWN WITH MANUAL VOLUME DAMPER	DN W/MD

NOTE: SOME SYMBOLS MAY NOT BE USED.
* OPPOSED BLADE DAMPER TO BE: NAILER SERIES 1021 OR EQUAL

GRILLE SCHEDULE

	DESCRIPTION	MODEL	FINISH	NECK	REMARKS
A	CEILING SUPPLY DIFFUSER	TITUS TMS-3	WHITE	12"ø	MODULE SIZE 24x24, (FLUSH MOUNT ADD TRIM FRAME AND ADJUSTABLE DAMPER) (1)
B	CEILING RETURN GRILLE	TITUS 50F-3	WHITE	24"x24"	(FLUSH MOUNT ADD ADJUSTABLE DAMPER) (1)
C	CEILING SUPPLY DIFFUSER	TITUS TMS-3	WHITE	8"ø	MODULE SIZE 24x24, (FLUSH MOUNT ADD TRIM FRAME AND ADJUSTABLE DAMPER) (1)
D	CEILING SUPPLY DIFFUSER	TITUS TMS-3	WHITE	10"ø	MODULE SIZE 24x24, (FLUSH MOUNT ADD TRIM FRAME AND ADJUSTABLE DAMPER) (1)
E	EXHAUST RELIEF	NCA XAJ-4	STAND MILL	12"x8"	
F	CEILING SUPPLY REGISTER	TITUS 250-1W-3	WHITE	10"x10"	ONE-WAY THROW, TRIM FRAME (FLUSH MOUNT ADD ADJUSTABLE DAMPER) (1)
G	SLOT SUPPLY DIFFUSER	TITUS TBD-30	WHITE	PER PLANS	4'-0" LENGTH, 1" SLOT WIDTH, 3 SLOTS, PLENUM WHERE FIRE RATED USE 2 SLOT (1)
H	CEILING SUPPLY DIFFUSER	ACUTHERM TH-HC	ALUM.	10"ø	MODULE SIZE 24x24, THERMA-FUSER TEMPERATURE SET POINT AT 75°, DAMPER TO SHUT IN HEATING MODE
J	SIDEWALL SUPPLY REGISTER	TITUS 300 RL	WHITE	14"x6"	OPPOSED BLADE DAMPER
K	SIDEWALL RETURN GRILLE	TITUS 350 RL	WHITE	18"x6"	OPPOSED BLADE DAMPER
L	CEILING RETURN GRILLE	TITUS 50F-3	WHITE	48"x24"	PAINT 2'-0" INSIDE DUCT PAST GRILLE - FLAT BLACK, (FLUSH MOUNT ADD ADJUSTABLE DAMPER) (1)
M	CEILING SUPPLY DIFFUSER	TITUS TDCA-AA-3	ALUM.	12"x12"	THREE WAY, MODULE SIZE 24x24, OPPOSED BLADE DAMPER
N	EXHAUST RELIEF	BREIDERT RCX-2	ALUM.	12"x12"	SIZE 12, ROOF CURB , BACKDRAFT DAMPER
O	SIDEWALL SUPPLY REGISTER	TITUS 300 RL	WHITE	18"x6"	OPPOSED BLADE DAMPER
P	OUTSIDE AIR INTAKE LOUVER	NCA XAJ-4	STAND MILL	30"ø	
Q	COMBUSTION AIR LOUVER	NCA XAJ-4	STAND MILL	60"x36"	
R	SIDEWALL SUPPLY REGISTER	TITUS 300 RL	WHITE	22"x6"	OPPOSED BLADE DAMPER
S	CEILING RETURN GRILLE	TITUS 50F-3	WHITE	12"x12"	TRIM FRANE (FLUSH MOUNT ADD ADJUSTABLE DAMPER) (1)

(1) NOTE: WHEN FIRE RATED CEILING MEET UL RATING, USE FIRE DAMPER AND THERMAL BLANKET.

MECHANICAL
REVISED GRILLE SCHEDULE
M2.9B

STATE OF TEXAS ROBERT C. OLIVER 70125 REGISTERED PROFESSIONAL ENGINEER
6/30/05

EMA Estes, McClure & Associates, Inc. Engineering & Consulting 3608 West Way Tyler, Texas 75703	KILGORE COLLEGE GUSSIE NELL DAVIS RANGERETTE RESIDENCE HALL KILGORE, TEXAS	Proj #:	7051
		Date:	6/28/2005
		Addendum:	6 1
		Drawing:	M 2.9B

FAN COIL SCHEDULE (CHILLED AND HOT WATER)

6/9/05

MARK	MFG. USED IN DESIGN **TRANE** PART NO.	FAN TOTAL CFM	FAN O/A CFM MAX	FAN O/A CFM MIN	FAN E.S.P.	FAN MOP	FAN ELECTRICAL DATA	CHILLED WATER COIL CAPACITY MBTUH TOTAL	CHILLED WATER COIL CAPACITY MBTUH SENS.	COIL ROWS	EWT	LWT	WATER P.D.	GPM **	HOT WATER COIL EAT	HOT WATER COIL LAT	HOT WATER COIL EWT	HOT WATER COIL LWT	HOT WATER COIL CAP. MBTUH	HOT WATER COIL COIL ROWS	HOT WATER COIL WATER P.D.	HOT WATER COIL GPM **	REMARKS
(A)	FCEB0301D	300	0	0	0.20	15	120V., 1ø	6.71	4.91	3	45	55	3.26	1.41	–	–	–	–	–	–	–	–	HORIZONTAL RECESSED UNIT, CEILING CUTOUT, SIDE RETURN, COOLING ONLY THERMOSTAT, HIGH STATIC FAN MOTOR
(B)	FCEB0301D	300	0	0	0.20	15	120V., 1ø	6.71	4.91	3	45	55	3.26	1.41	–	–	–	–	–	–	–	–	HORIZONTAL RECESSED UNIT, CEILING CUTOUT, BOTTOM RETURN, COOLING ONLY THERMOSTAT, HIGH STATIC FAN MOTOR
(C)	FCEB0301D	300	*	*	0.20	15	120V., 1ø	6.71	4.91	3	45	55	3.26	1.41	60.0	92.0	160	130	7.68	1	0.76	0.51	HORIZONTAL RECESSED UNIT, CEILING CUTOUT, SIDE RETURN, STANDARD THERMOSTAT, HIGH STATIC FAN MOTOR
(D)	FCEB0401D	400	*	*	0.20	15	120V., 1ø	11.63	8.21	3	45	55	9.85	2.43	60.0	91.2	160	130	11.80	1	1.91	0.79	HORIZONTAL RECESSED UNIT, CEILING CUTOUT, BOTTOM RETURN, STANDARD THERMOSTAT, HIGH STATIC FAN MOTOR
(E)	FCEB0401D	400	*	*	0.20	15	120V., 1ø	11.63	8.21	3	45	55	9.85	2.43	60.0	91.2	160	130	11.80	1	1.91	0.79	HORIZONTAL RECESSED UNIT, CEILING CUTOUT, SIDE RETURN, STANDARD THERMOSTAT, HIGH STATIC FAN MOTOR
(F)	FCEB0801D	800	*	*	0.20	15	120V., 1ø	21.04	14.99	3	45	55	8.69	4.37	60.0	92.6	160	130	23.66	1	10.10	1.58	HORIZONTAL RECESSED UNIT, CEILING CUTOUT, BOTTOM RETURN, STANDARD THERMOSTAT, HIGH STATIC FAN MOTOR
(G)	FCEB0801D	800	0	0	0.20	15	120V., 1ø	21.04	14.99	3	45	55	8.69	4.37	–	–	–	–	–	–	–	–	HORIZONTAL RECESSED UNIT, BOTTOM RETURN, COOLING ONLY THERMOSTAT, HIGH STATIC FAN MOTOR
(H)	BCVC054G	1600	100	100	0.75	15	460V., 3ø	41.04	36.04	6	45	55	0.56	8.18	66.9	88.9	160	130	41.40	1	0.13	2.76	
(I)	BCVC090G	3200	300	300	0.75	15	460V., 3ø	120.36	88.42	6	45	55	14.03	23.99	65.0	89.0	160	130	83.26	1	0.38	5.56	HIGH CAPACITY COOLING COIL
(J)	BCVC090G	2700	300	300	0.75	15	460V., 3ø	105.67	76.50	6	45	55	11.12	21.06	65.0	91.1	160	130	76.42	1	0.33	5.10	HIGH CAPACITY COOLING COIL
(K)	BCVC036G	1200	600	100	0.75	15	460V., 3ø	71.83	46.34	6	45	55	16.60	14.32	65.0	112.4	160	130	61.69	1	0.79	4.12	

(A) FC #152, 237
(B) FC #123A
(C) FC #131, 132, 133, 135, 136, 137, 139, 140, 141, 142, 144, 146, 147, 148 215, 216, 217, 219, 220, 221, 223, 224, 225, 226, 228, 230, 231, 232, 233
(D) FC #153, 238
(E) FC #130, 134, 138, 143, 145, 149 214, 218, 222, 227, 229
(F) FC #235
(G) FC #CP-103

* OUTSIDE AIR DUCTED DIRECTLY TO UNIT BY DEDICATED OUTSIDE AIR UNIT.
** ROUND ALL GPM UP TO NEAREST 1/2 GPM FOR BALANCING.

Sheet M 2.9
A. Refer to Fan Coil Schedule.
1. Note that Item Balls H, I, J & K are duplicated in the vertical air handler schedule.
2. Refer to Attachment M 2.9 A.
B. Refer to Attachment M 2.9 B.

VERTICAL AIR HANDLER SCHEDULE (CHILLED AND HOT WATER)

MARK	MFG. USED IN DESIGN **TRANE** PART NO.	FAN TOTAL CFM	FAN O/A CFM MAX	FAN O/A CFM MIN	FAN E.S.P.	FAN MOP	FAN ELECTRICAL DATA	CHILLED WATER COIL CAPACITY MBTUH TOTAL	CHILLED WATER COIL CAPACITY MBTUH SENS.	COIL ROWS	EWT	LWT	WATER P.D.	GPM *	HOT WATER COIL EAT	HOT WATER COIL LAT	HOT WATER COIL EWT	HOT WATER COIL LWT	HOT WATER COIL CAP. MBTUH	HOT WATER COIL COIL ROWS	HOT WATER COIL WATER P.D.	HOT WATER COIL GPM *	REMARKS
(H)	BCVC054G	1600	100	100	0.75	15	460V., 3ø	41.04	36.04	6	45	55	0.56	8.18	66.9	88.9	160	130	41.40	1	0.13	2.76	
(I)	BCVC090G	3200	300	300	0.75	15	460V., 3ø	120.36	88.42	6	45	55	14.03	23.99	65.0	89.0	160	130	83.26	1	0.38	5.56	HIGH CAPACITY COOLING COIL
(J)	BCVC090G	2700	300	300	0.75	15	460V., 3ø	105.67	76.50	6	45	55	11.12	21.06	65.0	91.1	160	130	76.42	1	0.33	5.10	HIGH CAPACITY COOLING COIL
(K)	BCVC036G	1200	600	100	0.75	15	460V., 3ø	71.83	46.34	6	45	55	16.60	14.32	65.0	112.4	160	130	61.69	1	0.79	4.12	

(H) AH #1
(I) AH #2
(J) AH #3
(K) AH #4

* ROUND ALL GPM UP TO NEAREST 1/2 GPM FOR BALANCING.

OUTSIDE AIR UNIT SCHEDULE (CHILLED AND HOT WATER)

MARK	MFG. USED IN DESIGN **TRANE** PART NO.	FAN TOTAL CFM	FAN E.S.P.	FAN RPM	FAN HP	FAN MOP	FAN ELECTRICAL DATA	CHILLED WATER COIL CAPACITY MBTUH TOTAL	CHILLED WATER COIL CAPACITY MBTUH SENS.	COIL ROWS	EAT	LAT	EWT	LWT	WATER P.D.	GPM *	HOT WATER COIL EAT	HOT WATER COIL LAT	HOT WATER COIL EWT	HOT WATER COIL LWT	HOT WATER COIL CAP. MBTUH	HOT WATER COIL COIL ROWS	HOT WATER COIL WATER P.D.	HOT WATER COIL GPM *	REMARKS
(A)	BCHC036A	800	0.70	1261	1/3	15	120V., 1ø	76.47	45.30	6	105-80	54.1-53.2	45	55	10.30	11.06	17.0	81.0	45.0	59.0	55.51	1	1.05	5.43	HORIZONTAL UNIT

(A) OAU #1, 2

* ROUND ALL GPM UP TO NEAREST 1/2 GPM FOR BALANCING.

UNIT HEATER SCHEDULE (GAS)

MARK	HEAT INPUT (BTUH)	SYSTEM C.F.M.	MFG. USED IN DESIGN **REZNOR** PART NO.	MOTOR H.P.	ELECTRICAL DATA	REMARKS
UH#	50,000	820	BE-50	1/6	120V., 1ø	SUMMER/WINTER SWITCH, THERMOSTAT GUARD WITH LOCKING COVER

(A) UH #CP-100A, CP-100B

FAN SCHEDULE

MARK	C.F.M. @ E.S.P.	MOTOR H.P./W.	MANUFACTURER AND NUMBER	ELEC V/PH	ACCESSORIES
(A)	75 @ .25	53 W	COOK GC-240	120V., 1ø	0.7 SONES, FACTORY INSTALLED SPEED CONTROLLER
(B)	200 @ .25	121 W	COOK GC-340	120V., 1ø	3.0 SONES, FACTORY INSTALLED SPEED CONTROLLER

(A) EF #113, 114, 123A, 125, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 151, 209, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 236
(B) EF #235

FAN COIL SCHEDULE (CHILLED AND HOT WATER)

MARK	MFG. USED IN DESIGN **TRANE** PART NO.	FAN TOTAL CFM	FAN O/A CFM MAX	FAN O/A CFM MIN	FAN E.S.P.	FAN MOP	FAN ELECTRICAL DATA	CHILLED WATER COIL CAPACITY MBTUH TOTAL	CHILLED WATER COIL CAPACITY MBTUH SENS.	COIL ROWS	EWT	LWT	WATER P.D.	GPM **	HOT WATER COIL EAT	HOT WATER COIL LAT	HOT WATER COIL EWT	HOT WATER COIL LWT	HOT WATER COIL CAP. MBTUH	HOT WATER COIL COIL ROWS	HOT WATER COIL WATER P.D.	HOT WATER COIL GPM **	REMARKS
(A)	FCEB0301D	300	0	0	0.20	15	120V., 1ø	6.71	4.91	3	45	55	3.26	1.41	–	–	–	–	–	–	–	–	HORIZONTAL RECESSED UNIT, CEILING CUTOUT, SIDE RETURN, COOLING ONLY THERMOSTAT, HIGH STATIC FAN MOTOR
(B)	FCEB0301D	300	0	0	0.20	15	120V., 1ø	6.71	4.91	3	45	55	3.26	1.41	–	–	–	–	–	–	–	–	HORIZONTAL RECESSED UNIT, CEILING CUTOUT, BOTTOM RETURN, COOLING ONLY THERMOSTAT, HIGH STATIC FAN MOTOR
(C)	FCEB0301D	300	*	*	0.20	15	120V., 1ø	6.71	4.91	3	45	55	3.26	1.41	60.0	92.0	160	130	7.68	1	0.76	0.51	HORIZONTAL RECESSED UNIT, CEILING CUTOUT, SIDE RETURN, STANDARD THERMOSTAT, HIGH STATIC FAN MOTOR
(D)	FCEB0401D	400	*	*	0.20	15	120V., 1ø	11.63	8.21	3	45	55	9.85	2.43	60.0	91.2	160	130	11.80	1	1.91	0.79	HORIZONTAL RECESSED UNIT, CEILING CUTOUT, BOTTOM RETURN, STANDARD THERMOSTAT, HIGH STATIC FAN MOTOR
(E)	FCEB0401D	400	*	*	0.20	15	120V., 1ø	11.63	8.21	3	45	55	9.85	2.43	60.0	91.2	160	130	11.80	1	1.91	0.79	HORIZONTAL RECESSED UNIT, CEILING CUTOUT, SIDE RETURN, STANDARD THERMOSTAT, HIGH STATIC FAN MOTOR
(F)	FCEB0801D	800	300	300	0.20	15	120V., 1ø	23.26	14.82	3	45	55	10.56	5.00	65.7	96.4	160	130	25.93	1	11.79	2.00	HORIZONTAL RECESSED UNIT, CEILING CUTOUT, BOTTOM RETURN, STANDARD THERMOSTAT, HIGH STATIC FAN MOTOR
(G)	FCEB0801D	800	0	0	0.20	15	120V., 1ø	21.04	14.99	3	45	55	8.69	4.37	–	–	–	–	–	–	–	–	HORIZONTAL RECESSED UNIT, BOTTOM RETURN, COOLING ONLY THERMOSTAT, HIGH STATIC FAN MOTOR
(H)	BCVC054G	1800	100	100	0.75	15	460V., 3ø	41.04	36.04	6	45	55	0.56	8.18	66.9	88.9	160	130	41.40	1	0.13	2.76	
(I)	BCVC090G	3200	300	300	0.75	15	460V., 3ø	120.36	88.42	6	45	55	14.03	23.99	65.0	89.0	160	130	83.26	1	0.38	5.56	HIGH CAPACITY COOLING COIL
(J)	BCVC090G	2700	300	300	0.75	15	460V., 3ø	105.67	76.50	6	45	55	11.12	21.06	65.0	91.1	160	130	76.42	1	0.33	5.10	HIGH CAPACITY COOLING COIL
(K)	BCVC036G	1200	600	100	0.75	15	460V., 3ø	71.83	46.34	6	45	55	16.60	14.32	65.0	112.4	160	130	61.69	1	0.79	4.12	

(A) FC #152, 237
(B) FC #123A
(C) FC #131, 132, 133, 135, 136, 137, 139, 140, 141, 142, 144, 146, 147, 148 215, 216, 217, 219, 220, 221, 223, 224, 225, 226, 228, 230, 231, 232, 233
(D) FC #153, 238
(E) FC #130, 134, 138, 143, 145, 149 214, 218, 222, 227, 229
(F) FC #235
(G) FC #CP-103

* OUTSIDE AIR DUCTED DIRECTLY TO UNIT BY DEDICATED OUTSIDE AIR UNIT.
** ROUND ALL GPM UP TO NEAREST 1/2 GPM FOR BALANCING.

MECHANICAL
REVISED FAN COIL SCHEDULE
M2.9A

GRILLE SCHEDULE

	DESCRIPTION	MODEL	FINISH	NECK	REMARKS
A	CEILING SUPPLY DIFFUSER	TITUS TMS-3	WHITE	12"ø	MODULE SIZE 24x24, (FLUSH MOUNT ADD TRIM FRAME AND ADJUSTABLE DAMPER) (1)
B	CEILING RETURN GRILLE	TITUS 50F-3	WHITE	24"x24"	(FLUSH MOUNT ADD ADJUSTABLE DAMPER) (1)
C	CEILING SUPPLY DIFFUSER	TITUS TMS-3	WHITE	8"ø	MODULE SIZE 24x24, (FLUSH MOUNT ADD TRIM FRAME AND ADJUSTABLE DAMPER) (1)
D	CEILING SUPPLY DIFFUSER	TITUS TMS-3	WHITE	10"ø	MODULE SIZE 24x24, (FLUSH MOUNT ADD TRIM FRAME AND ADJUSTABLE DAMPER) (1)
E	EXHAUST RELIEF	NCA XAJ-4	STAND MILL	12"x8"	
F	CEILING SUPPLY REGISTER	TITUS 250-1W-3	WHITE	10"x10"	ONE-WAY THROW, TRIM FRAME (FLUSH MOUNT ADD ADJUSTABLE DAMPER) (1)
G	SLOT SUPPLY DIFFUSER	TITUS TBD-30	WHITE	PER PLANS	4'-0" LENGTH, 1" SLOT WIDTH, 3 SLOTS, PLENUM WHERE FIRE RATED USE 2 SLOT (1)
H	CEILING SUPPLY DIFFUSER	ACUTHERM TH-HC	ALUM.	10"ø	MODULE SIZE 24x24, THERMA-FUSER TEMPERATURE SET POINT AT 75°, DAMPER TO SHUT IN HEATING MODE
J	SIDEWALL SUPPLY REGISTER	TITUS 300 RL	WHITE	14"x6"	OPPOSED BLADE DAMPER
K	SIDEWALL RETURN GRILLE	TITUS 350 RL	WHITE	18"x6"	
L	CEILING RETURN GRILLE	TITUS 50F-3	WHITE	48"x24"	PAINT 2'-0" INSIDE DUCT PAST GRILLE - FLAT BLACK, (FLUSH MOUNT ADD ADJUSTABLE DAMPER) (1)
M	CEILING SUPPLY DIFFUSER	TITUS TDCA-AA-3	ALUM.	12"x12"	THREE WAY, MODULE SIZE 24x24, OPPOSED BLADE DAMPER (FLUSH MOUNT ADD TRIM FRAME)
N	EXHAUST RELIEF	BREIDERT RCX-2	ALUM.	12"x12"	SIZE 12, ROOF CURB , BACKDRAFT DAMPER
O	SIDEWALL SUPPLY REGISTER	TITUS 300 RL	WHITE	18"x6"	OPPOSED BLADE DAMPER
P	OUTSIDE AIR INTAKE LOUVER	NCA XAJ-4	STAND MILL	30"ø	
Q	COMBUSTION AIR LOUVER	NCA XAJ-4	STAND MILL	60"x36"	
R	SIDEWALL SUPPLY REGISTER	TITUS 300 RL	WHITE	22"x6"	OPPOSED BLADE DAMPER

(1) NOTE: WHEN FIRE RATED CEILING MEET UL RATING, USE FIRE DAMPER AND THERMAL BLANKET.

SUBMISSION OF BID WILL BE CONSIDERED ACKNOWLEDGMENT THAT THE CONTRACTOR HAS VISITED THE SITE AND HAS VERIFIED ALL EXISTING JOB CONDITIONS AND INCLUDED ANY NECESSARY MODIFICATION TO EXISTING AND NEW WORK REQUIRED FOR INSTALLATION OF A COMPLETE AND WORKING SYSTEM.

STATE OF TEXAS ROBERT C. OLIVER 70125 REGISTERED PROFESSIONAL ENGINEER
June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.7771 Fax 903.753.7317
Email: TDA@TDArchitects.com
www.TDArchitects.com

MEP ENGINEER
EMA
www.estesmcclure.com
Estes, McClure & Associates, Inc.
Engineering & Consulting
3608 West Way
Tyler, Texas 75703
phone: 903-581-2677 fax: 903-581-2721

KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE

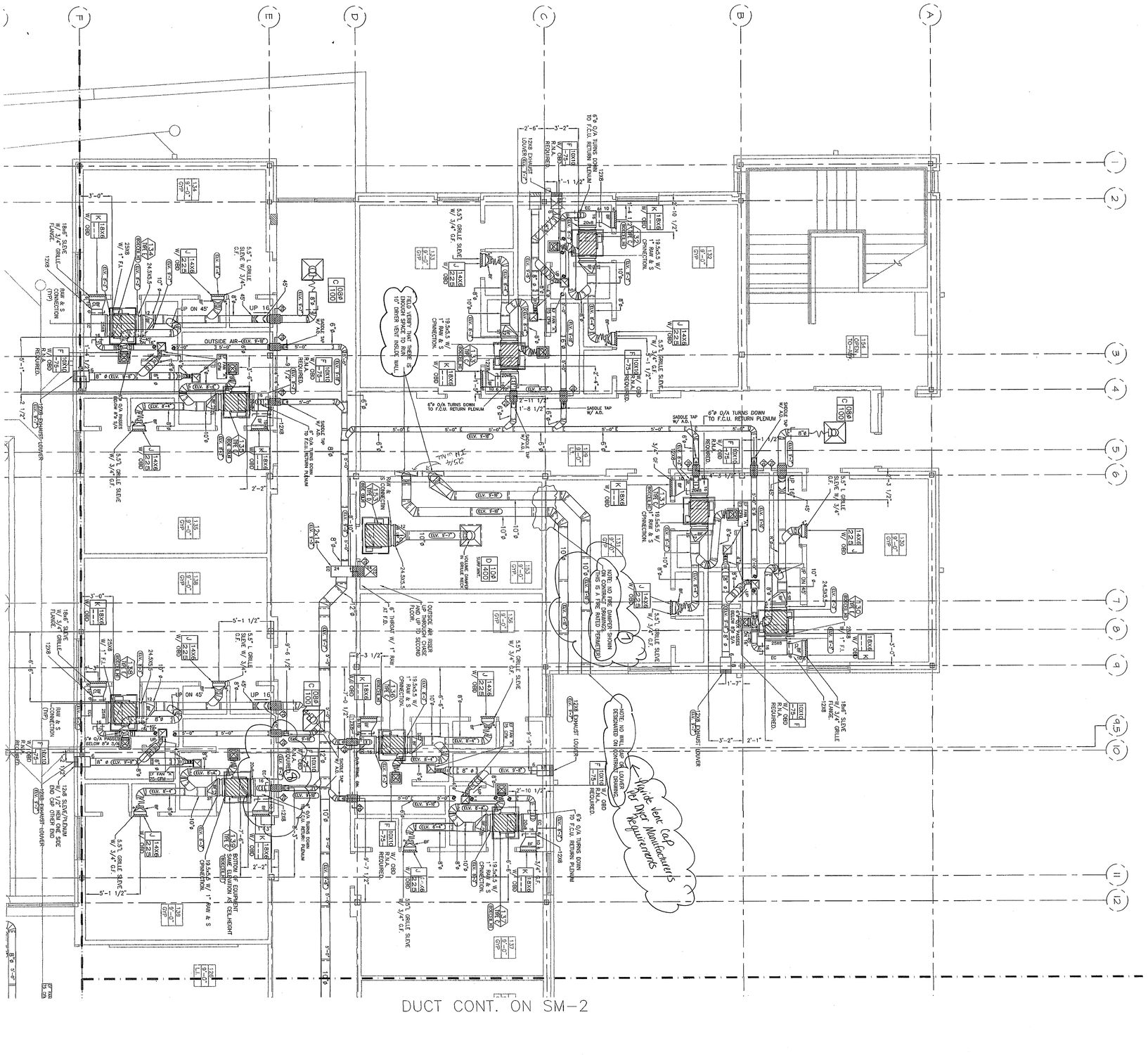
Kilgore, Texas

FILE NAME:

PROJECT NUMBER: 0421

SHEET CONTENTS:
MECHANICAL SYMBOLS & SCHEDULES

M 2.9



Notes :

7) Do not install fire dampers in dryer vents.

8) Note that contract document show one corridor wall penetration for outside air ductwork serving two adjacent units to avoid using two fire dampers. Contractor may install with two wall penetrations, but at no additional cost to owner above bid quote. This note shall apply where applicable throughout residence.

Submittal Number: 6849
By/Date/Status: 10/21
☑ REVIEWED
☐ FURNISH AS CORRECTED
☐ REVISE AND RESUBMIT
☐ REJECTED

Checking of shop drawings/submittals is only for general conformance with the design concept of the project and general compliance with the information given in the Contract Documents. Any errors found in the shop drawings/submittals by this review do not relieve the contractor from responsibility for errors and omissions in the shop drawings/submittals. Contractor is responsible for dimensions which shall be confirmed and correlated at the jobsite. Information that pertains solely to the fabrication processes or to the means, methods, techniques, sequences and procedures of construction is the responsibility of the contractor, and the acceptance of this submittal shall not relieve the contractor of his work nor of any contract requirement.

EYLER, MCGUIRE & ASSOCIATES INC.
TYLER, TEXAS

Date: 11-29-05
By: Shawn Lee

HVAC As Builts

JOB NO.: 210320
REF. DWG.: M2.0
AREA: FIRST FLOOR
FILE: LM:\DUCT
DRAWN: BY:BA CHKD:
DATE: 10-07-05 DATE:
SCALE: 1/4" = 1'-0"
SHEET NUMBER: SM-1

TITLE

GUSSIE NELL DAVIS
RANGERETTE RESIDENCE

REV	DATE	DESCRIPTION	BY
1	11-1-05	SUBMITTAL ISSUE	KJS

POLK Mechanical Company

SEQUENCE NAME: SM FIRST FLOOR

NOTES:
1. VD = VOLUME DA
2. FD = FIRE DAMPE
3. FSD = FIRE/SMOI
4. M = MOTOR DA
5. S = SMOKE DA
6. BDD = BACKDRAF
7. AL = ACOUSTICAL
8. ADL = ACCESS D (LOW PRESSURI
9. ADM = ACCESS D (MEDIUM PRESS
10. RECT. DUCT CON 1" RAW WITH FLAT ALL AROUND.
11. RECT. DUCT SLOPE TO BE 'SAD'. BOX

SEQUENCE NAME
SM
FIRST FLOOD

NOTES:
1. VD = VOLUME DA
2. FD = FIRE DAMPI
3. FSD = FIRE/SMOI
4. M = MOTOR DAI
5. S = SMOKE DAI
6. BDD = BACKDRAF
7. AL = ACOUSTICAL
8. ADL = ACCESS D (LOW PRESSURI
9. ADM = ACCESS C (MEDIUM PRESS
10. RECT. DUCT TRANS AT ALL FD & FS ALL AROUND FLAI
11. RECT. DUCT CON AT ALL VAV BOX TO BE SMACI

Mechanical Company
POLK

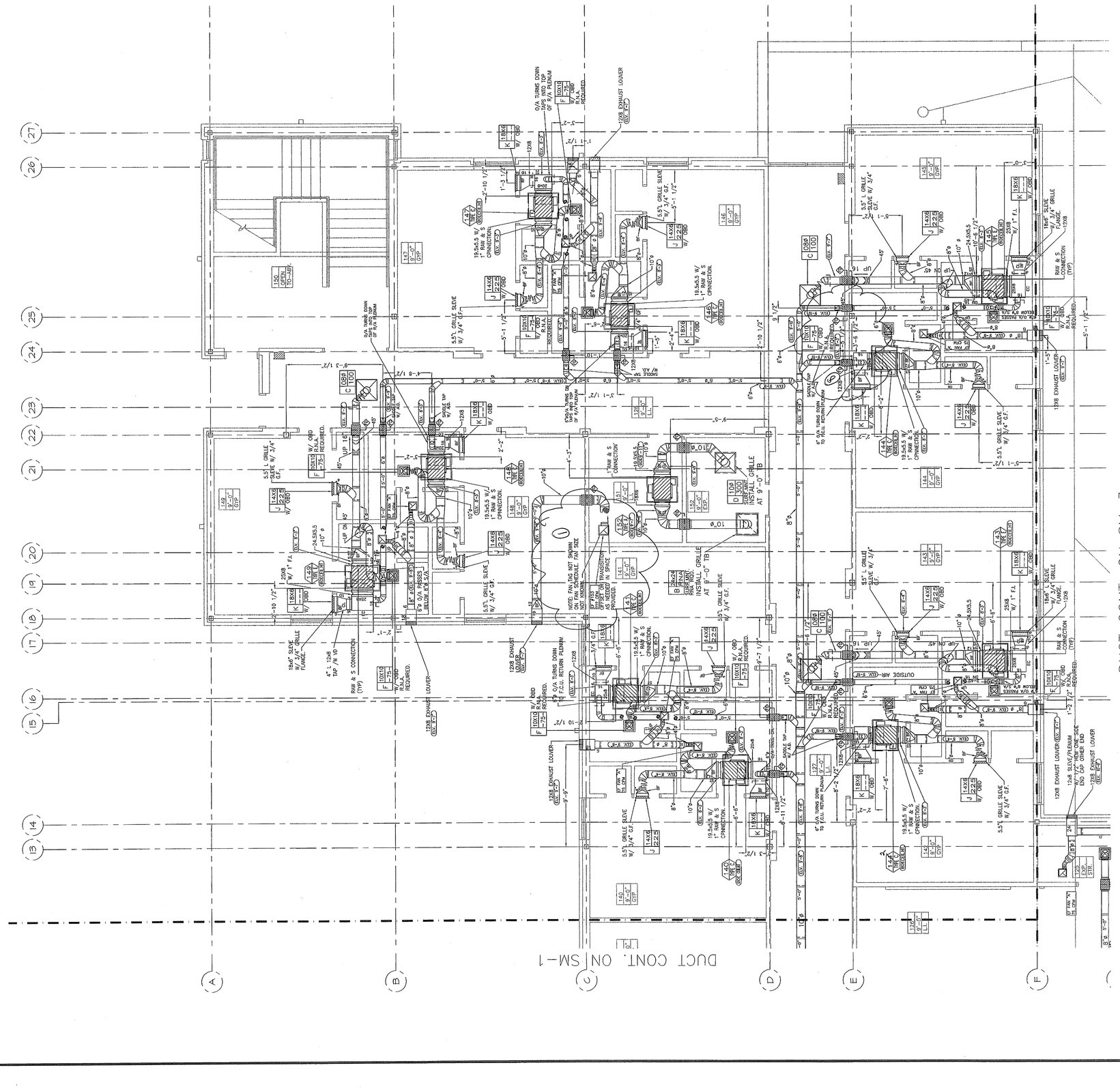
REV	DATE	DESCRIPTION	BY
1	11-1-05	SUBMITTAL ISSUE	KJS

TITLE
GUSSIE NELL DAVIS
RANGERETTE RESIDENCE

JOB NO.: 210320
REF. DWG.: M2.0
AREA: FIRST FLOOR
FILE: LVL1DUCT
DRAWN BY: BA | CHECKI
DATE: 10-07-05 | DATE:
SCALE: 1/4" = 1'-0"
SHEET NUMBER
SM-2

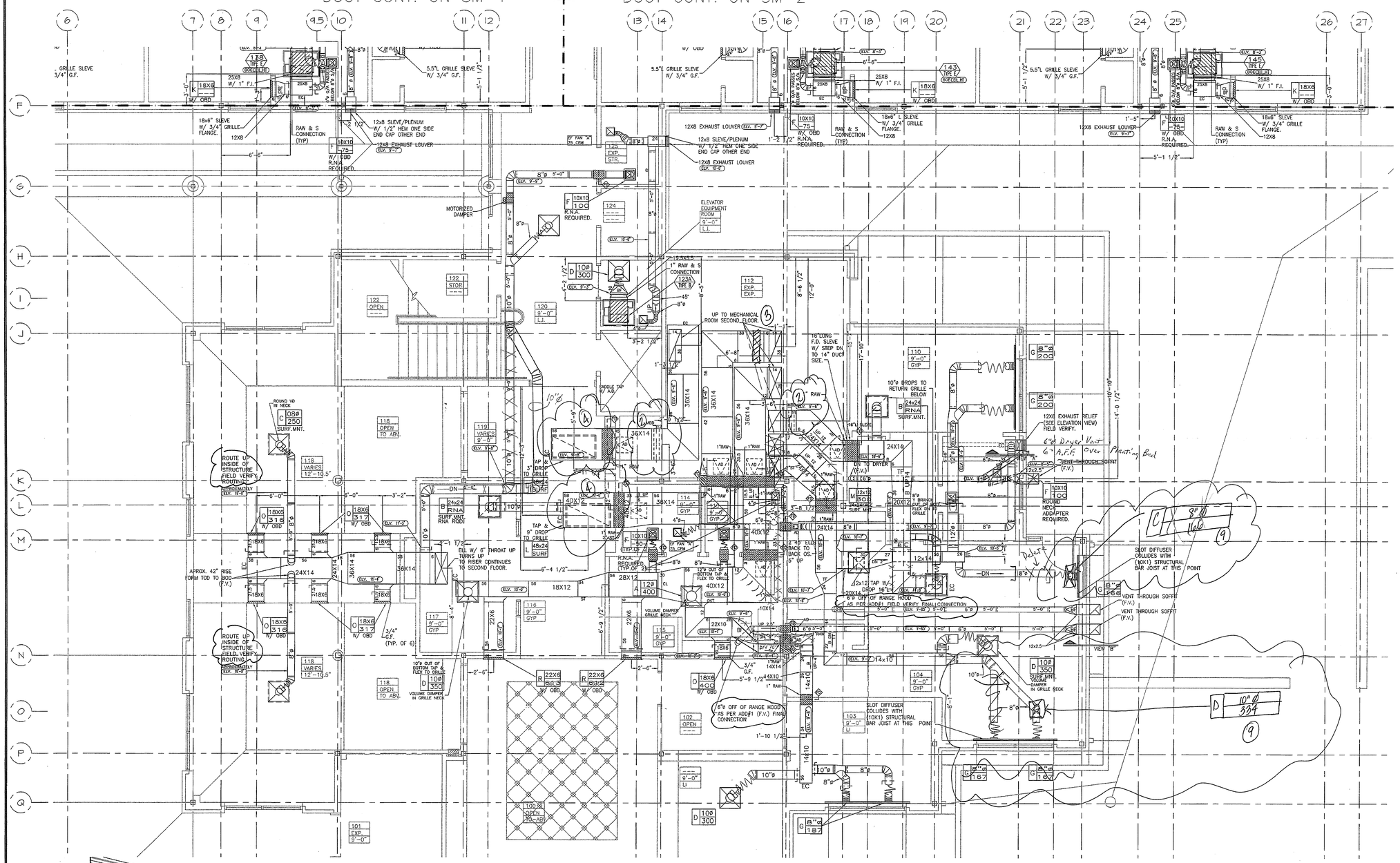
Notes:

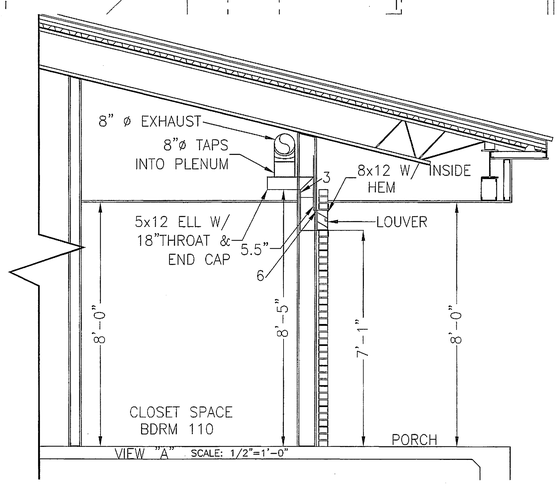
1) EF #153 Data should be as shown: Coordinate installation with electrical contractor.
750CFM @ .25" W.G. Static pressure, cook model GC-240 or equivalent, 120V/1ph Electric power, Factory installed speed controller.
8) See note 8 on sheet SM-2. (Typical for adjacent fan coil units).

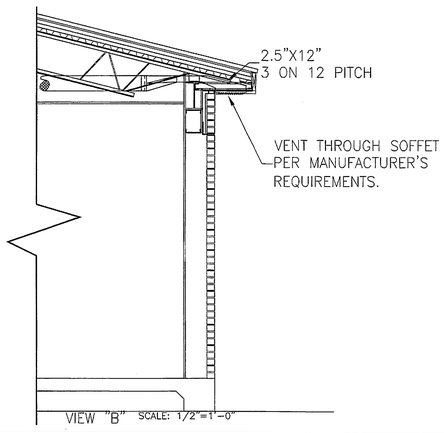


DUCT CONT. ON SM-1

DUCT CONT. ON SM-2







Notes :

2) Verify this is a back draft damper.

3) Back draft damper required per contract documents.

4) 48 X 14 duct to return grille per contract documents. Maintain 700 FPM Maximum velocity in return duct within 3 feet of return grille.

9) Install ceiling diffusers as shown instead of slot diffusers to avoid conflict with structure.

SEQUENCE NUME

SM

FIRST FLOO

NOTES:

1. VD = VOLUME DA
2. FD = FIRE DAMPE
3. FSD = FIRE/SMOI
4. M = MOTOR DA
5. S = SMOKE DA
6. BDD = BACKDRAF
7. AL = ACOUSTICAL
8. ADL = ACCESS D (LOW PRESSURI
9. ADM = ACCESS D (MEDIUM PRFSS
10. RECT. DUCT CON AT ALL FD & FS 1"RAW WITH FLA ALL AROUND.
11. RECT. DUCT CON AT ALL VAV BOX TO BE 'S&D'.

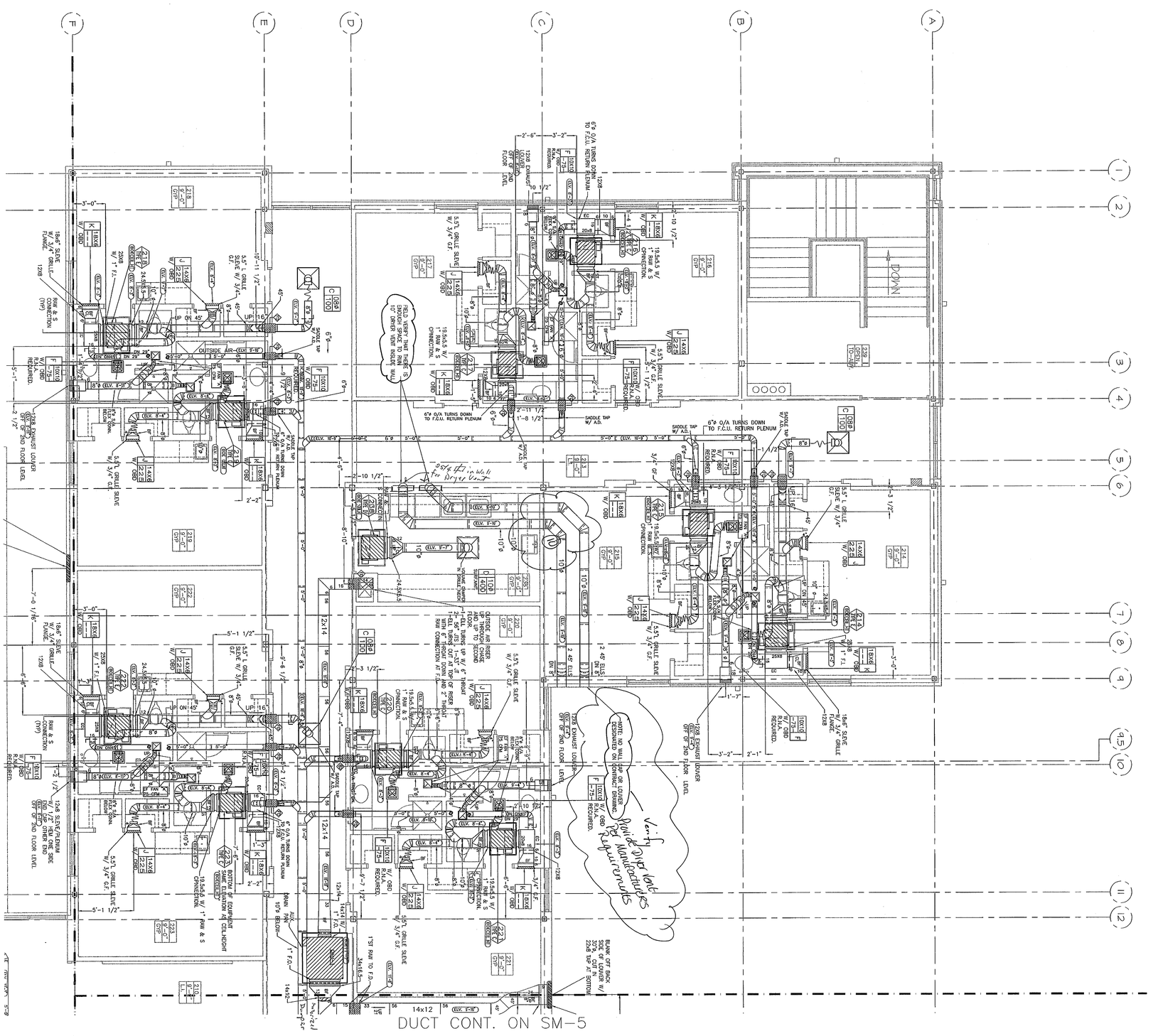
POLK
Mechanical Company

REV	DATE	DESCRIPTION	BY
1	11-1-05	SUBMITTAL ISSUE	KJS

TITLE

GUSSIE NELL DAVIS
RANGERETTE RESIDENCE

JOB NO.: 210320
REF. DWG.: M2.0
AREA: FIRST FLOOR
FILE: LVL1DUCT
DRAWN BY: BA | CHECKE
DATE: 10-07-05 | DATE:
SCALE: 1/4" = 1'-0"
SHEET NUMBER
SM-3



Notes:

10) Do not install fire dampers in dryer vents.

REV	DATE	DESCRIPTION	BY
1	11-1-05	SUBMITTAL ISSUE	KJS

TITLE

GUSSIE NELL DAVIS

RANGERETTE RESIDENCE

POLK Mechanical Company

JOB NO.: 210320

REF. DWG.: M2.1

AREA: SECOND FLOOR

FILE: LVL2DUCT

DRAWN BY: BA | CHKD:

DATE: 11-1-05 | DATE:

SCALE: 1/4" = 1'-0"

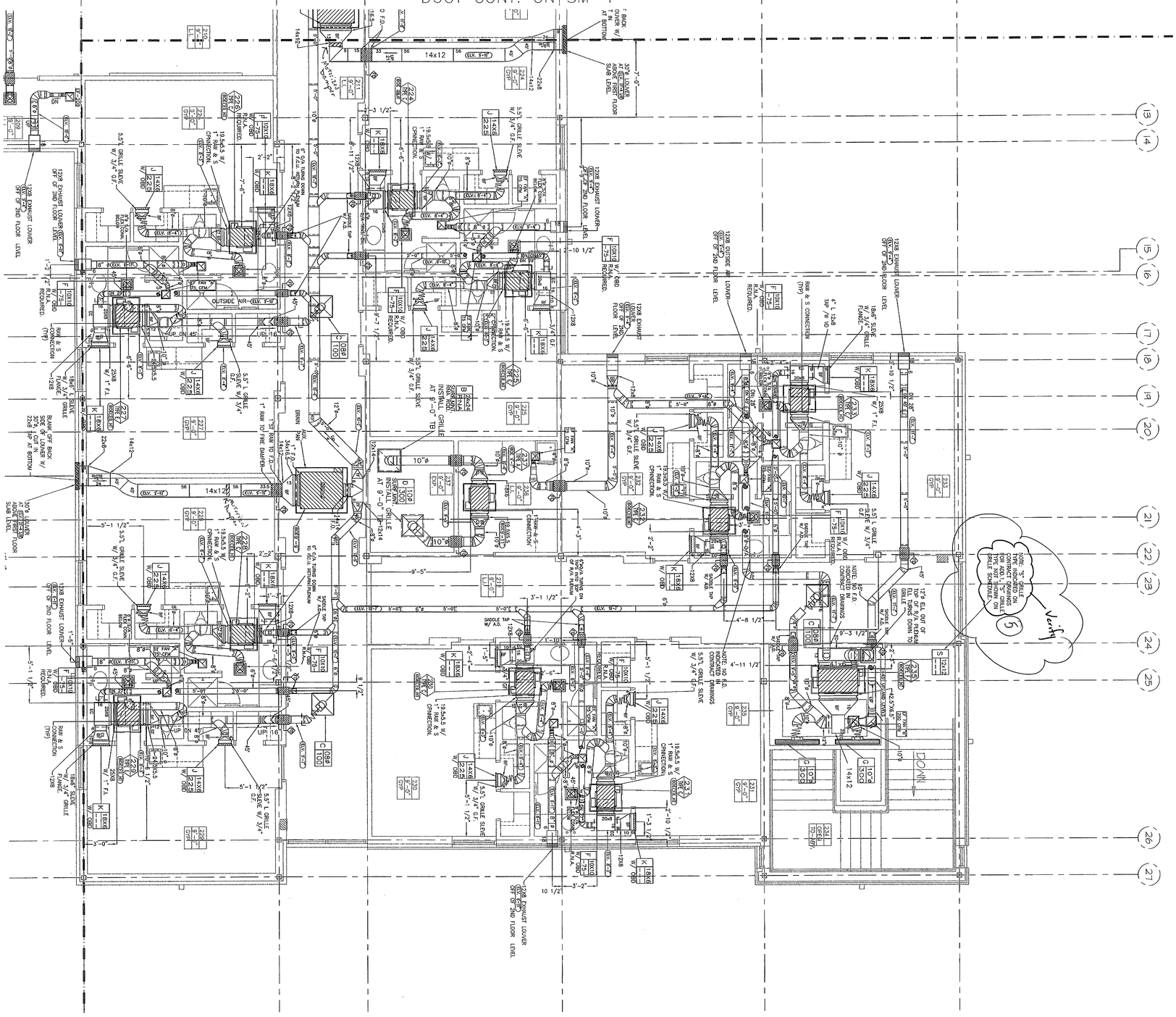
SHEET NUMBER

SM-4

NOTES:

1. VD = VOLUM
2. FD = FIRE DA
3. FSD = FIRE/SM
4. M = MOTOR DA
5. S = SMOKE DA
6. BDD = BACKDRAF
7. AL = ACOUSTICAL
8. AD = ACCESS D (LOW PRESSUR
9. ADM = ACCESS D (MEDIUM PRESS
10. RECT. DUCT CON AT ALL FD & FS ALL AROUND.
11. RECT. DUCT CON TO BE 360°

DUCT CONT. ON SM-4



DUCT CONT. ON SM-6

Notes :

5) Type "S" grille was shown on sheet M2.9B on addendum #1. Provide type "S" Grille as shown on sheet M2.9B on Addendum #1. Titus 50 F-3, 12x12 Grille or equivalent.

NOTES:
1. VD = VOLUME DA
2. FD = FIRE DAMPE
3. FSD = FIRE/SMOI
4. M = MOTOR DAI
5. S = SMOKE DAI
6. BDD = BACKDRAF
7. AL = ACOUSTICAL
8. ADL = ACCESS D (LOW PRESSU
9. ADM = ACCESS D (MEDIUM PRESS
10. RECT. DUCT CON AT ALL FD & FS ALL AROUND WITH FLAT
11. RECT. DUCT CON TO BE SEAL

SEQUENCE NAME

SM
SECOND FLO

JOB NO.: 210320	
REF. DWG.: M2.1	
AREA: SECOND FLOOR	
FILE: LV120UCT	CHECK
DRAWN BY: BA	DATE:
DATE: 11-1-05	
SCALE: 1/4" = 1'-0"	
SHEET NUMBER	

SM-5

TITLE

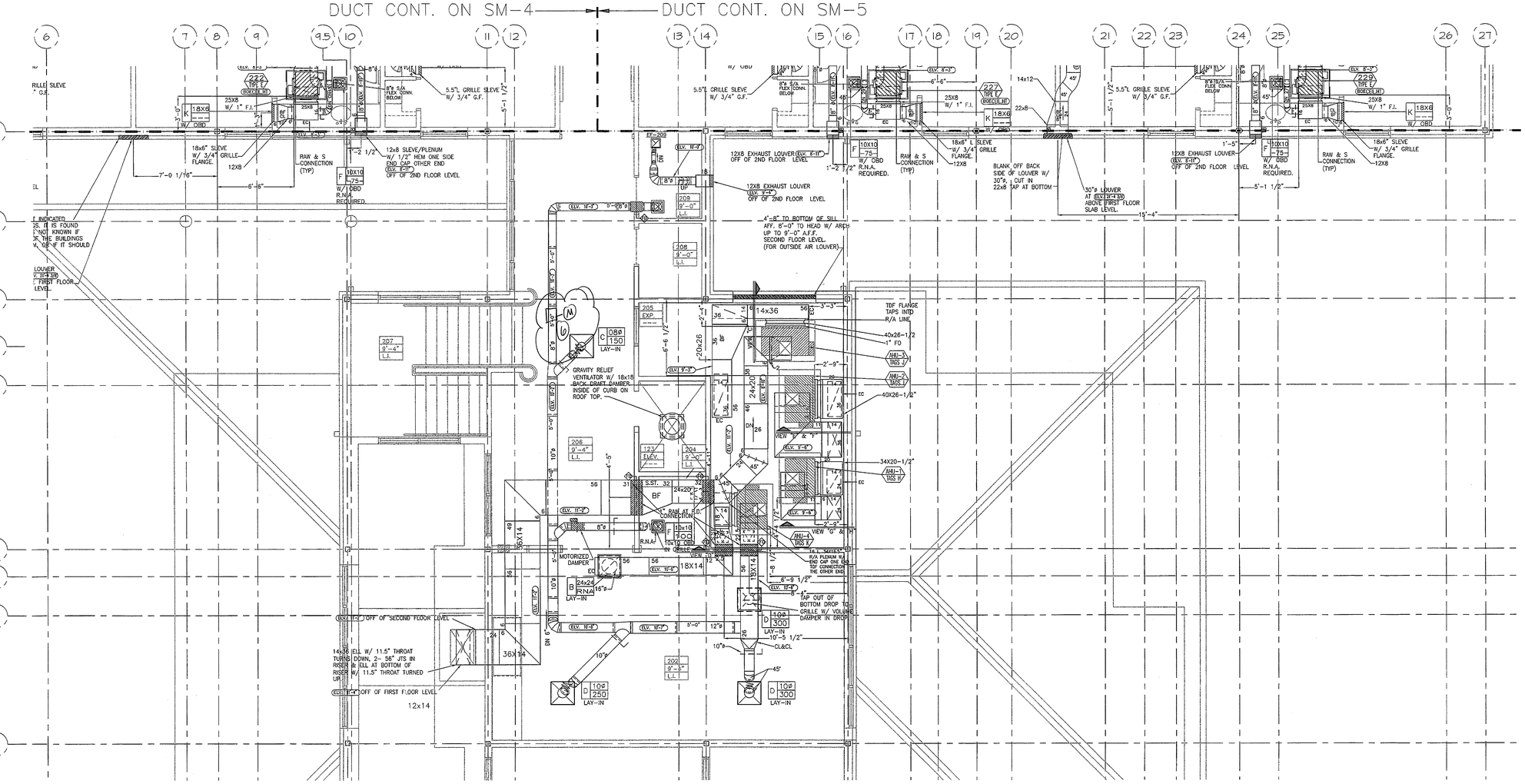
GUSSIE NELL DAVIS
RANGERETTE RESIDENCE

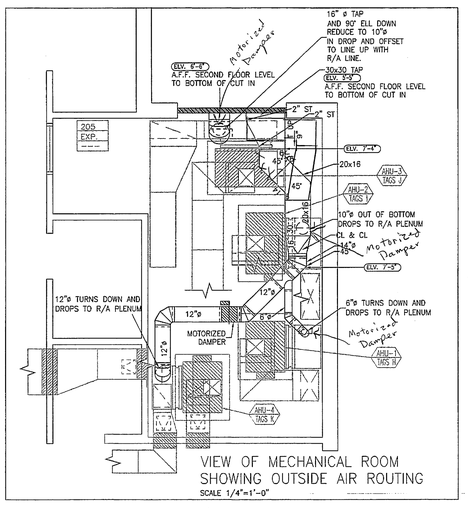
REV	DATE	DESCRIPTION	BY
1	11-1-05	SUBMITTAL ISSUE	KJS

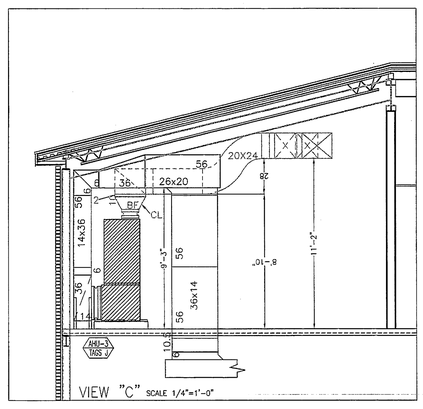
POLK
Mechanical Company

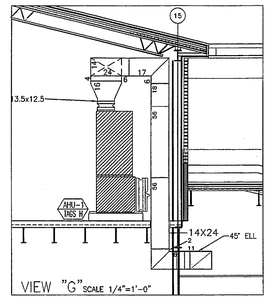
DUCT CONT. ON SM-4

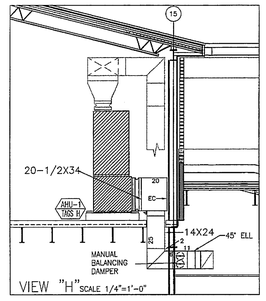
DUCT CONT. ON SM-5

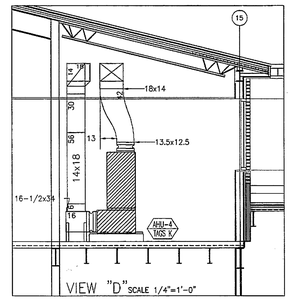


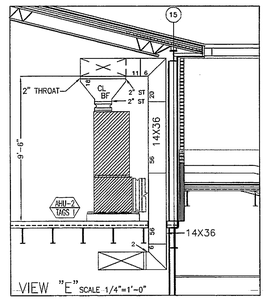


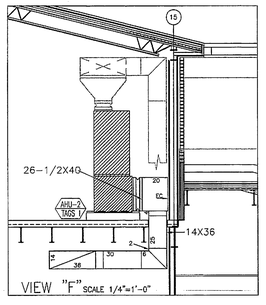












Notes :

6) Motorized Damper per contract drawings.

SEQUENCE NUME

SM

SECOND FLO

NOTES:

1. VD = VOLUME DA
2. FD = FIRE DAMPE
3. FSD = FIRE/SMOI
4. M = MOTOR DAM
5. S = SMOKE DAM
6. BDD = BACKDRAF
7. AL = ACOUSTICAL
8. ADL = ACCESS D (LOW PRESSURI
9. ADM = ACCESS D (MEDIUM PRESS
10. RECT. DUCT CON AT ALL FD & FS 1"RAW WITH FLAT ALL AROUND.
11. RECT. DUCT CON AT ALL VAV BOX TO BE 'S&D'.

POLK
Mechanical Company

REV	DATE	DESCRIPTION	BY
1	11-1-05	SUBMITTAL ISSUE	KJS

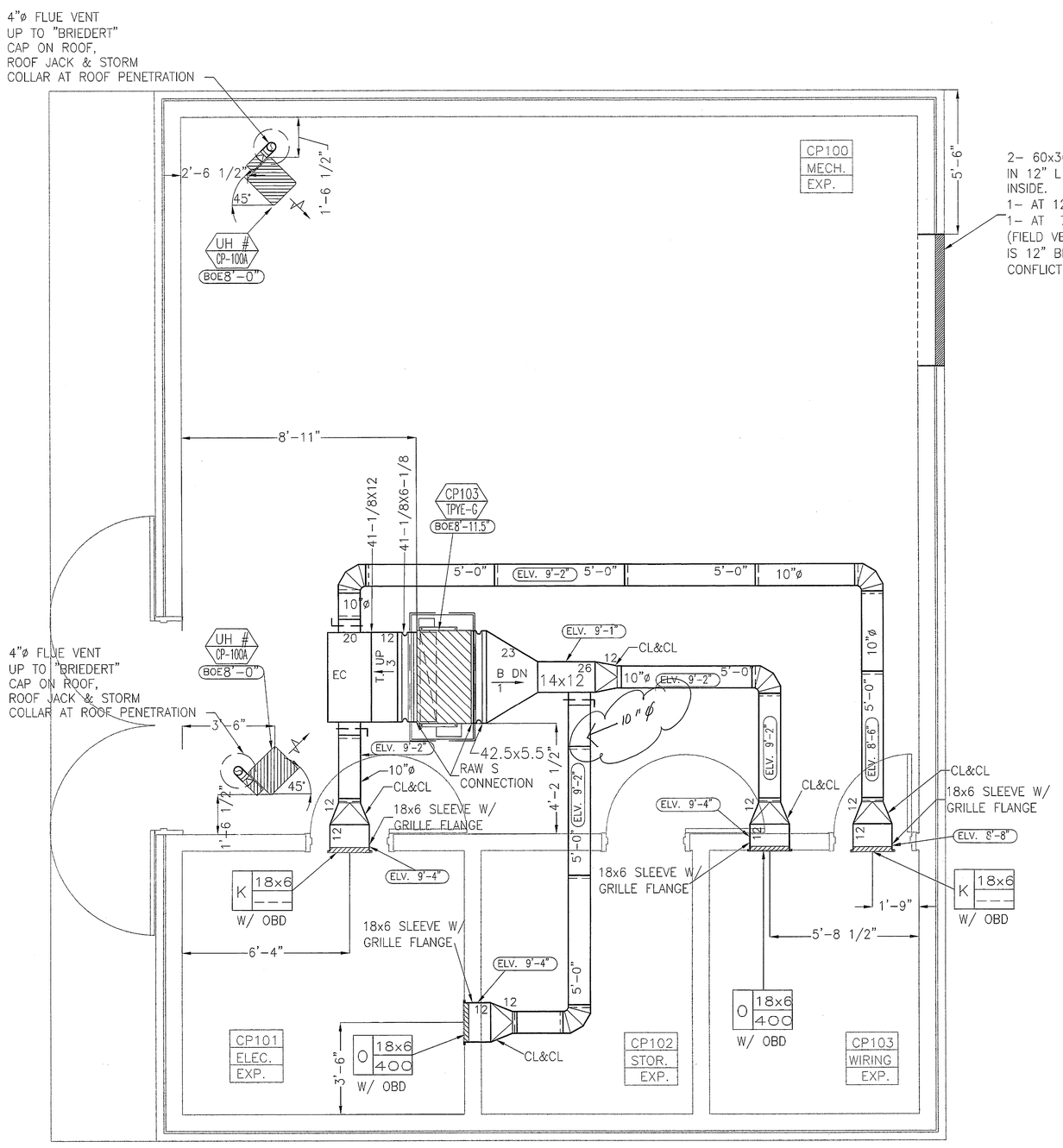
TITLE

GUSSIE NELL DAVIS
RANGERETTE RESIDENCE

JOB NO.: 210320
REF. DWG.: M2.1
AREA: SECOND FLOOR
FILE: LVL2DUCT
DRAWN BY: BA | CHECKI
DATE: 11-1-05 | DATE:
SCALE: 1/4" = 1'-0"

SHEET NUMBER

SM-6



SEQUENCE NUME

SM

CENTRAL PLA

NOTES:

1. VD = VOLUME DA
2. FD = FIRE DAMPI
3. FSD = FIRE/SMOI
4. M = MOTOR DAI
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11. RECT. DUCT CON AT ALL VAV BOX TO BE 'S&D'.

POLK
Mechanical Company

REV	DATE	DESCRIPTION	BY
1	11-1-05	SUBMITTAL ISSUE	KJS

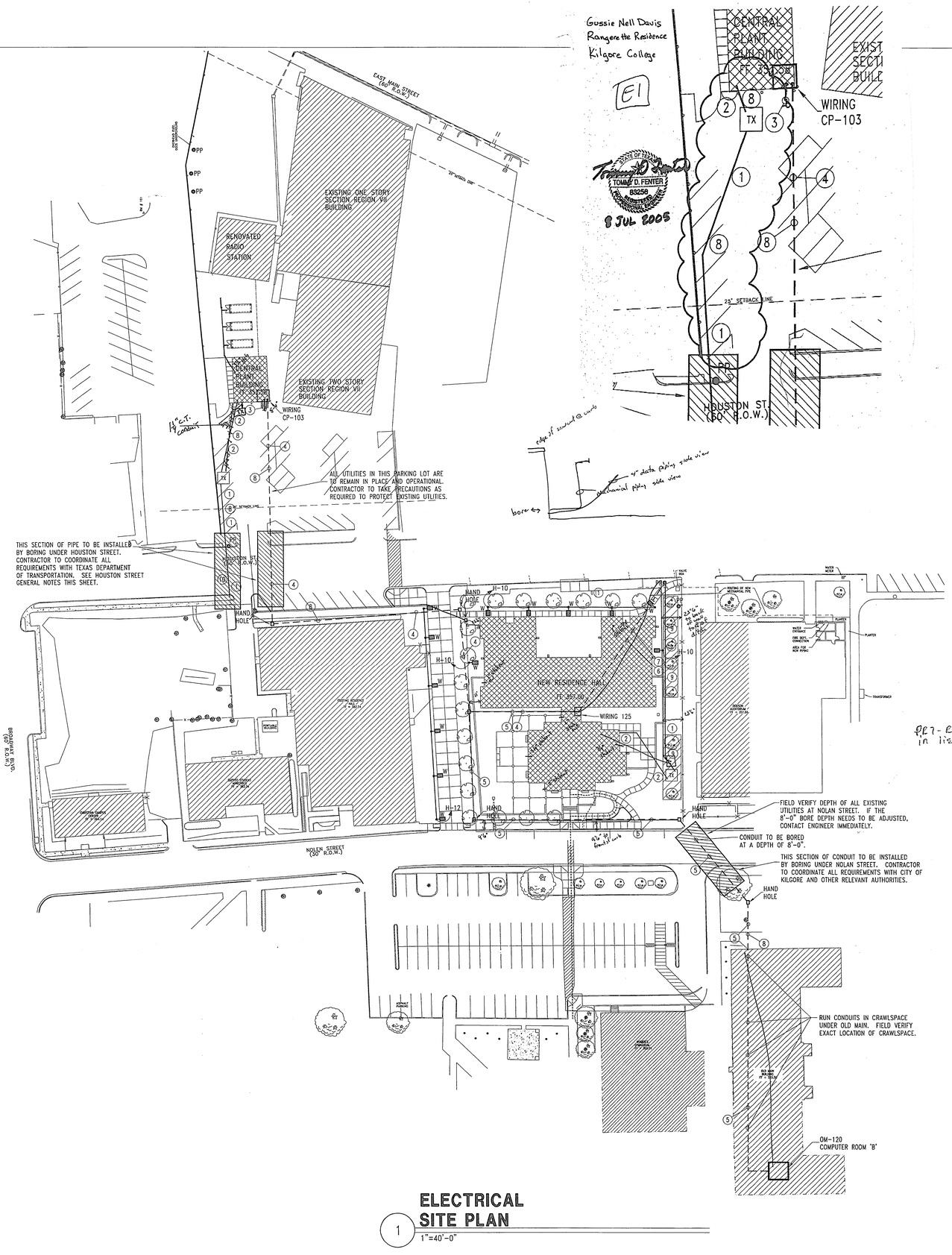
TITLE

GUSSIE NELL DAVIS
RANGERETTE RESIDENCE

JOB NO.: 210320
REF. DWG.: M2.5
AREA: CENTRAL PLANT
FILE: CUPDUCT
DRAWN BY: BA | CHECKI
DATE: 11-1-05 | DATE:
SCALE: 1/2"=1'-0"

SHEET NUMBER

SM-7



RP7-R1 Elec service over Houston st. in lieu of underg

ELECTRICAL SITE PLAN

1 — 1"=40'-0"

GENERAL NOTES:

1. CONTRACTOR AND SUBCONTRACTORS SHALL VERIFY LOCATION, CONDUCT TEST AND INSPECTIONS, COORDINATE WITH UTILITIES, OWNER'S REPRESENTATIVES, AND CHECK FOR ALL UNDERGROUND UTILITIES AND LINES BEFORE DITCHING TAKES PLACE. CONTRACTOR AND SUBCONTRACTORS PERFORMING THESE DUTIES SHALL BE RESPONSIBLE FOR ANY REPAIRS OF CUT OR DAMAGED LINES AND UTILITIES NOT SHOWN ON PLANS.
2. COORDINATE ALL UNDERGROUND UTILITIES WITH MECHANICAL AND PLUMBING PIPING. REFER TO MEP OVERALL SITE PLAN, MECHANICAL, AND PLUMBING SITE PLAN FOR POSSIBLE UTILITY CONFLICTS.

SITE PLAN NOTES:

1. PROVIDE AND RUN 2-4"C. UNDERGROUND FROM UTILITY TRANSFORMER TO ELECTRICAL SERVICE AT THE STREET. PROPOSED LOCATION SHOWN. VERIFY AND COORDINATE EXACT ROUTING WITH UTILITY PROVIDER.
2. PROVIDE AND RUN FEEDER FROM MAIN ELECTRICAL ROOM TO UTILITY TRANSFORMER. REFER TO RISER DIAGRAM FOR FEEDER SIZE.
3. PROVIDE FOUR 4" CONDUITS STUBBED OUT 4'-0" FROM BUILDING FOR FUTURE COMMUNICATIONS CABLING.
4. PROVIDE FOUR 4" CONDUITS FOR COMMUNICATIONS CABLING BETWEEN WIRING 125 AND WIRING CP-103 IN NEW CENTRAL PLANT BUILDING.
5. PROVIDE FOUR 4" CONDUITS FOR COMMUNICATIONS CABLING BETWEEN WIRING 125 AND COMPUTER ROOM 'B' OM-120 IN OLD MAIN BUILDING.
6. PROVIDE ONE 2" CONDUIT FOR CATV SERVICE ENTRY.
7. PROVIDE TWO 4" CONDUITS FOR TELEPHONE SERVICE ENTRY.
8. CONTRACTOR TO SAW CUT EXISTING CONCRETE DRIVE AND PATCH TO MATCH EXISTING.
9. ALL UTILITIES IN VICINITY OF EXISTING TREE DRIP LINE SHALL BE DIRECTIONAL DRILLED TO ENSURE THAT TREES ARE NOT DAMAGED. WHERE BORING IS REQUIRED, RIGID CONDUIT MAY BE SUBSTITUTED IN PLACE OF THE RED CONCRETE SPECIFIED IN THE ELECTRICAL REQUIREMENTS. COORDINATE DEPTH OF BORE TO ENSURE TREES ARE NOT DAMAGED.
10. THIS CONTRACTOR TO BORE UNDER STREET TO INSTALL THE 2-4"C.

Sheet E1.0
A. Refer to Site Plan.
1. For changes to site plan, see Attachment E1.

HOUSTON STREET GENERAL NOTES

BORING DEPTH: 8'-0"

1. ENCASEMENT: ENCASEMENT SHALL BE PROVIDED UNDER NORMAL WIDTH CENTER MEDIANS AND FROM DITCH TO CENTER OF DITCH (OR 5'-0" BEHIND TOE OF SLOPE OF FACE OF CURB) OF ALL ROADWAYS.
2. DEPTH: THE MINIMUM DEPTH OF COVER WITHIN THE RIGHT-OF-WAY AND UNDER HIGHWAY DITCHES SHALL BE 24" OR 18" BENEATH THE BOTTOM OF THE PAVEMENT STRUCTURE, WHICHEVER IS GREATER. FIBER OPTIC CABLE SHALL HAVE A MINIMUM DEPTH OF 42" OR 60" BELOW THE TOP OF THE PAVEMENT STRUCTURE, WHICHEVER IS GREATER.
3. MARKERS: THE UTILITY COMPANY SHALL PLACE A READILY IDENTIFIABLE AND SUITABLE MARKER AT EACH RIGHT-OF-WAY LINE WHERE IT IS CROSSED BY AN UNDERGROUND COMMUNICATIONS CABLE.
4. LOCATION: LONGITUDINAL UNDERGROUND COMMUNICATIONS LINES MAY BE PLACED BY PLOWING OR OPEN TRENCH METHOD AND SHALL BE LOCATED AS NEAR AS PRACTICABLE TO THE RIGHT-OF-WAY LINE TO PROVIDE SPACE FOR FUTURE HIGHWAY CONSTRUCTION OR UTILITY INSTALLATION. WHERE EXISTING CABLE IS BEING REPLACED, OLD CABLE SHALL BE REMOVED AND NEW CABLE PLACED IN THE SAME TRENCH.
5. BORES: ALL CASINGS OR LINES TO BE PLACED LATITUDINAL (CROSSING HIGHWAY) TO STATE ROADWAYS, GREATER THAT 10" IN DIAMETER, SHALL BE DIRECTIONAL BORED OR DRY BORED. THE STATE RESERVES THE RIGHT TO REQUIRE ANY LINE OR BORE, SMALLER THAN 10" IN DIAMETER, TO BE DIRECTIONAL BORED OR DRY BORED DUE TO SOIL TYPE THAT MAY BE CONDUCIVE TO EROSION OR SETTLEMENT.
6. ALL EXCAVATIONS WITHIN THE RIGHT-OF-WAY AND NOT UNDER SURFACING SHALL BE BACK FILLED BY TAMPING IN 6" HORIZONTAL LAYERS OR BY PONDING. ALL SURPLUS MATERIAL SHALL BE REMOVED FROM THE RIGHT-OF-WAY AND THE EXCAVATION FINISHED FLUSH WITH SURROUNDING NATURAL GROUND. ANY SETTLEMENT OCCURRING AFTER THE INITIAL INSTALLATION IN THE EXCAVATED AREA DUE TO CONSTRUCTION OPERATIONS SHALL BE BACK FILLED WITH SELECT MATERIAL AS SOON AS POSSIBLE. ALL DISTURBED SOIL AREAS SHALL RECEIVE ADEQUATE RE-VEGETATION AS DESCRIBED IN PARAGRAPH 2.
7. WHERE EXCAVATION OR BACK FILLING OPERATIONS DISTURB THE SOIL OR SODDING, SUCH AREAS SHALL BE RESTORED TO THE ORIGINAL STATE, IF NOT A BETTER CONDITION. AFTER BACK FILLING, MULCH SODDING, BLOCK SODDING, OR THE ESTABLISHMENT OF VEGETATION THROUGH SEEDING SHALL OCCUR ON ALL SLOPES OF 3 TO 1 OR FLATTER. BROADCAST SEEDING SHOULD BE LIMITED TO FLAT AREAS, WHICH HAVE CLAY OF TIGHT SOIL TEXTURE ONLY. THIS APPLICATION METHOD IS NOT RECOMMENDED FOR ANY SLOPED AREA OR ANY AREA WHOSE PREDOMINANT SOIL TEXTURE IS LOOSE OR SANDY. WHERE SLOPES ARE GREATER THAN 3 TO 1 BLOCK SODDING OR USE OF A SOIL RETENTION BLANKET IS RECOMMENDED. IF A SOIL RETENTION BLANKET IS USED, THE APPLICATION OF SEED UNDER SPECIFICATIONS ITEM 164 OF THE TEXAS STANDARD SPECIFICATIONS FOR CONSTRUCTION OF HIGHWAYS, STREETS, AND BRIDGES, BY THE BROADCAST METHOD IS RECOMMENDED.
8. HIGHWAY CROSSING UNDER SURFACED ROADS AND UNDER SURFACED CROSS ROADS AND SURFACED DRIVEWAYS WITHIN THE RIGHT-OF-WAY SHALL BE PLACED BY BORING. BORING SHALL EXTEND FROM CROWN LINE TO CROWN LINE.
9. OPERATIONS ALONG HIGHWAYS SHALL BE PERFORMED IN SUCH MANNER THAT ALL EXCAVATED MATERIAL, ALL OPERATION EQUIPMENT, AS WALL AS PARKED VEHICLES, ARE KEPT OFF THE PAVEMENT AT ALL TIMES. ANY VEHICLES REQUIRED TO REMAIN ON THE ROADWAY, INCLUDING SHOULDERS, ARE TO BE PROPERLY BARRICADED ACCORDING TO THE TEXAS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
10. CARE MUST BE TAKEN TO SEE THAT ALL RIGHT-OF-WAY MARKERS REMAIN IN PLACE.
11. ALL BORE PITS OR OPEN EXCAVATION SHALL BE CLOSED THE SAME DAY THEY ARE OPENED IF AT ALL POSSIBLE. ANY LEFT OPEN OVERNIGHT SHALL BE BARRICADED AS REQUIRED BY THE TEXAS DEPARTMENT OF TRANSPORTATION REPRESENTATIVE AND IN ACCORDANCE WITH THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
12. PROPER TRAFFIC CONTROL MEASURES SHALL BE MAINTAINED FOR DURATION OF CONSTRUCTION AS PRESCRIBED BY THE TEXAS DEPARTMENT OF TRANSPORTATION PERSONNEL. (REF. TEXAS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES) THE CONTRACTOR OR OWNER SHALL PROVIDE BARRICADES AND WARNING SIGNS, AND FLAGGERS WHEN APPLICABLE.
13. CONSTRUCTION OPERATIONS SHALL BE SUSPENDED DURING WET CONDITIONS, WHEN IN THE STATE'S OPINION, DAMAGE TO THE RIGHT-OF-WAY COULD OCCUR OR WHEN SAFETY TO THE TRAVELING PUBLIC IS AN ISSUE.
14. THE CONTRACTOR SHALL SECURE A COPY OF AN EXECUTED PERMIT AND BE FULLY AWARE OF THE REQUIREMENTS CONTAINED HEREIN BEFORE A JOB IS STARTED. A COPY OF THE FULLY EXECUTED PERMIT SHALL BE LOCATED AT ALL TIMES ON THE JOB, UNTIL FINAL COMPLETION.
15. DIMENSIONS OF TERMINALS, HOUSING, ETC., PLACED ABOVE GROUND, SHALL NOT EXCEED 36", 60", AND 54" FOR OUTSIDE DEPTH, LENGTH, AND HEIGHT, RESPECTIVELY. THE SUPPORTING SLAB SHALL NOT PROJECT MORE THAT 3" ABOVE THE GROUND LINE.
16. ANY EXCAVATION IN CLOSE PROXIMITY TO THE CURB AND GUTTER SHALL NOT BE PERFORMED UNTIL THE TEXAS DEPARTMENT OF TRANSPORTATION MAINTENANCE SUPERVISOR HAS BEEN CONTACTED TO DETERMINE IF SHORING IS REQUIRED.
17. SANDBLASTING OR OTHER MEANS OF CLEANING THE CURB AND GUTTER MAY BE REQUIRED IF IT BECOMES DIRTY OR DISCOLORED DUE TO PIPELINE INSTALLATION WORK.

SUBMISSION OF BID WILL BE CONSIDERED ACKNOWLEDGMENT THAT THE CONTRACTOR HAS VISITED THE SITE AND HAS VERIFIED ALL EXISTING JOB CONDITIONS AND INCLUDED ANY NECESSARY MODIFICATION TO EXISTING AND NEW WORK REQUIRED FOR INSTALLATION OF A COMPLETE AND WORKING SYSTEM.

TOMMY D. FENTER 83256 REGISTERED PROFESSIONAL ENGINEER
June 14, 2005
THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 •O Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 •Fax 903.753.7317
Email TDA@T.DArchitects.com
www.T.DArchitects.com
MEP ENGINEER
EMA
www.estesmcclure.com
Estes, McClure & Associates, Inc.
Engineering & Consulting
3608 West Way
Tyler, Texas 75703
phone 903-581-2677 fax 903-581-2721

KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE

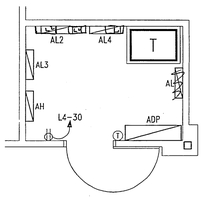
Kilgore, Texas

FILE NAME:

PROJECT NUMBER: 0421

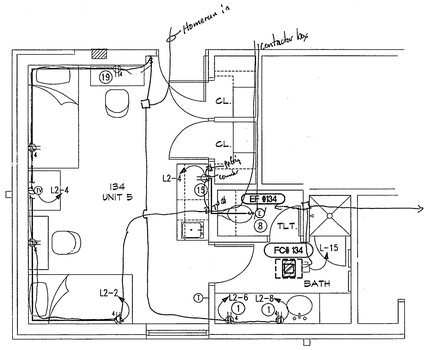
SHEET CONTENTS:
ELECTRICAL
SITE PLAN

E 1.0



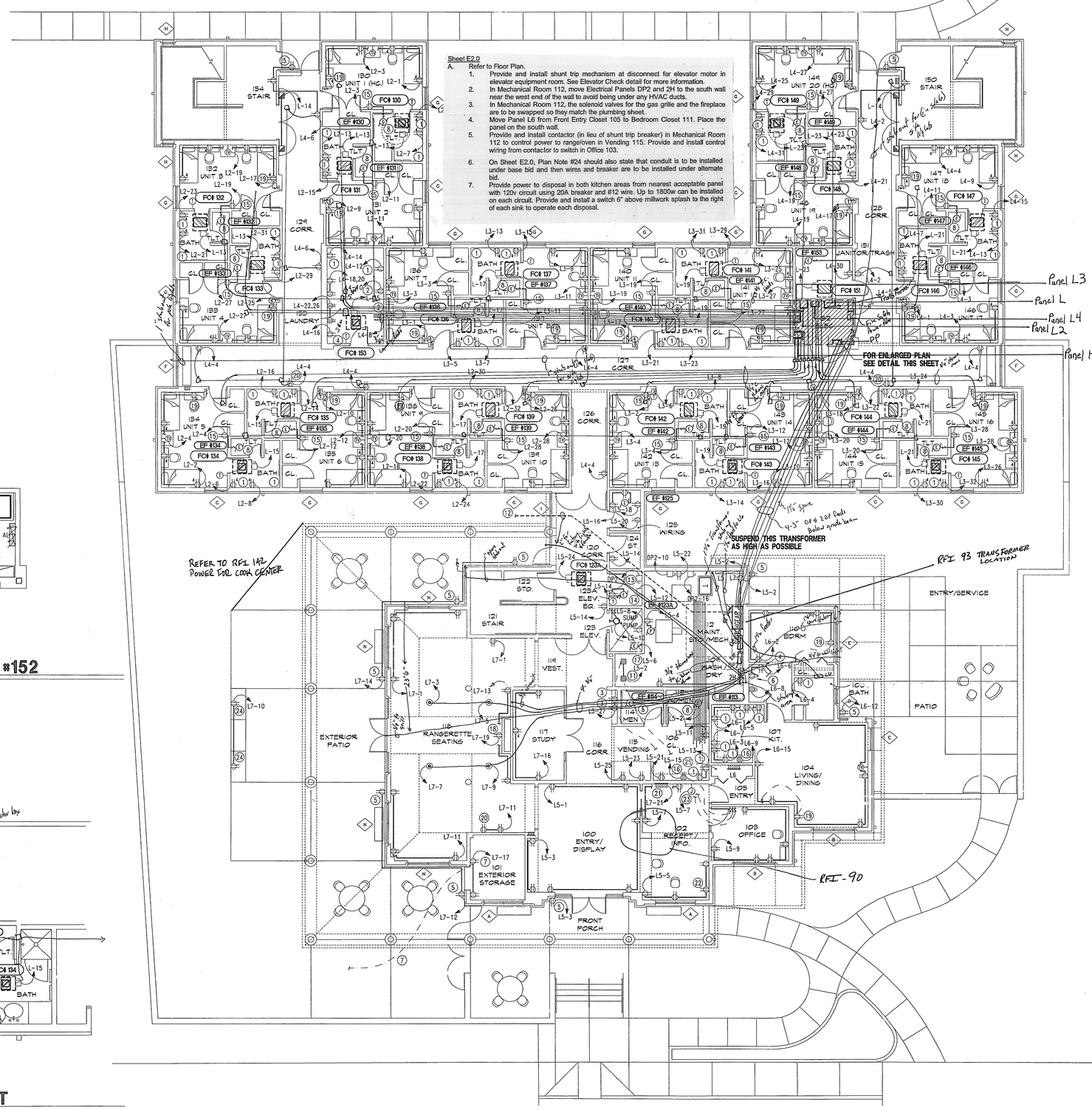
ENLARGED ELECTRICAL ROOM #152

2 1/4"=1'-0"



ENLARGED TYPICAL DORM UNIT

3 1/4"=1'-0"



ELECTRICAL FLOOR PLAN- FIRST FLOOR

1 1/8"=1'-0"

ELECTRICAL GENERAL NOTES:

1. VERIFY ALL MOUNTING HEIGHTS OF RECEPTACLES WITH ARCHITECTURAL CASEWORK DETAILS BEFORE ROUGH-IN.
2. VERIFY MARKERBOARD AND TACKBOARD LOCATIONS WITH ARCHITECTURAL PLANS – DO NOT INSTALL DEVICES IN THESE AREAS.
3. EXACT MECHANICAL EQUIPMENT LOCATIONS AND TYPE SHALL BE COORDINATED WITH MECHANICAL PLANS AND MECHANICAL CONTRACTOR. DO NOT INSTALL CONDUIT/CABLING WITHIN 3'-0" OF ANY HVAC UNIT UNLESS THE CONDUIT AND/OR CABLING SERVES THAT UNIT.
4. ALL CONDUIT AND/OR CABLING SHALL BE INSTALLED BETWEEN THE BOTTOM AND TOP CORD OF JOIST. WHERE NO CEILINGS ARE SCHEDULED, ALL CONDUIT SHALL BE UP AGAINST BOTTOM OF THE TOP CHORD.
5. COORDINATE CONDUIT ROOF PENETRATIONS WITH MECHANICAL ROOF TOP UNITS AND/OR THRU HOODED PLUMBING PENETRATIONS TO CONDENSING UNITS.
6. REFER TO ELECTRICAL COMMUNICATION DRAWINGS FOR GENERAL LOCATION OF CONDUIT AND BOXES SUPPLIED BY THIS CONTRACTOR IN BASE BID.
7. EXACT LOCATION OF ALL OUTLETS, DEVICES, & ETC. INSTALLED IN MOVEABLE FURNITURE SHALL BE COORDINATED WITH ARCHITECT AND OWNER.
8. DURING THE SUBMITTAL PHASE, THIS CONTRACTOR SHALL SUBMIT LAYOUT OF SWITCHGEAR IN EACH EQUIPMENT ROOM WHERE SWITCHGEAR IS LOCATED. ALL SWITCHGEAR LAYOUTS MUST BE DRAWN TO SCALE AND DIMENSIONED.
9. UNLESS OTHERWISE NOTED ON THE DRAWINGS OR IN THE SPECIFICATIONS, PROVIDE A LISTED MANUAL MOTOR-CIRCUIT SWITCH AS A DISCONNECTING MEANS AT EACH MOTOR. FOR MOTORS SHOWN WITH "MS" PROVIDE A LISTED MANUAL MOTOR-CIRCUIT SWITCH WITH OVERLOAD PROTECTION AS A DISCONNECTING MEANS AT EACH MOTOR.
10. WHEREVER THE LENGTH OF THE SECONDARY CONDUCTORS OF ANY TRANSFORMER EXCEEDS TEN FEET, AN ENCLOSED CIRCUIT BREAKER OR FUSED DISCONNECT IS REQUIRED TO BE PROVIDED WITHIN TEN FEET OF THE TRANSFORMER SECONDARY TERMINALS IN ACCORDANCE WITH NEC ARTICLE 240-21(C)(2). THIS OVERCURRENT DEVICE SHALL HAVE AN AMP RATING EQUAL TO THE AMP RATING OF THE PANEL BEING SERVED. IF THIS OCCURS AND THE PANEL IS IN THE SAME ROOM, THE PANEL BEING FED MAY BE CHANGED TO MAIN LUG ONLY.
11. THE CONTRACTOR AND SUBCONTRACTORS SHALL COORDINATE WITH ALL UTILITY COMPANIES AND THE OWNER'S REPRESENTATIVE TO DETERMINE THE LOCATION OF ALL EXISTING LINES AND UTILITIES BEFORE DITCHING IS PERFORMED. THE CONTACTOR AND SUBCONTRACTORS SHALL BE RESPONSIBLE FOR REPAIR OF ANY CUT OR DAMAGED LINES OR UTILITIES. LINES AND UTILITIES EXIST THAT ARE NOT SHOWN ON ANY PLANS.

ELECTRICAL PLAN NOTES:

1. GFCI OUTLETS MOUNTED 6" ABOVE MILLWORK SPLASH. VERIFY EXACT LOCATION WITH ARCHITECTURAL DRAWINGS.
2. OUTLET MOUNTED 6" ABOVE MILLWORK SPLASH. VERIFY EXACT LOCATION WITH ARCHITECTURAL DRAWINGS.
3. EWC OUTLET MOUNTED 20" A.F.F. – ON GFCI BREAKER.
4. GFCI OUTLET MOUNTED 18" A.F.F.
5. WEATHERPROOF GFCI MAINTENANCE OUTLET 18" A.F.F.
6. GFCI OUTLET MOUNTED 44" A.F.F.
7. LAWN IRRIGATION CONTROLS BY OWNER. PROVIDE A 2" CONDUIT SLEEVE THRU WALL AND OUT TO LAWN AREA FOR CONTROL WIRING. CAP EACH END.
8. EXHAUST FAN CONTROLLED BY A CONTACTOR. PROVIDE A CONTACTOR WITH A 277 VOLT COIL. CIRCUIT THE CONTACTOR TO THE SAME CIRCUIT THAT FEEDS THE LIGHTS IN THE AREA WHERE THE EXHAUST FAN IS LOCATED. ENERGIZE THE COIL WHEN THE LIGHTS ARE TURNED ON. REFER TO EXHAUST FAN DETAIL.
9. EXHAUST FAN CONTROLLED BY ENERGY MANAGEMENT CONTROL SYSTEM. PROVIDE MECHANICALLY HELD CONTACTORS AS NECESSARY.
10. PROVIDE CEILING MOUNTED OUTLET FOR PROJECTOR. REFER TO CEILING MOUNTED DEVICES DETAIL FOR INSTALLATION.
11. GAS SOLENOID VALVE FOR GAS GRILL.
12. PROVIDE A 2" CONDUIT STUB OUT FOR SITE LIGHTING AND FOUNTAIN.
13. DISCONNNECTING MEANS FOR ELEVATOR MOTOR.
14. DISCONNNECTING MEANS FOR CAB LIGHTS.
15. PROVIDE AND INSTALL DUPLEX OUTLET AT 18" AFF FOR UNDER-COUNTER REFRIGERATOR. PROVIDE AND INSTALL A GFCI DUPLEX OUTLET 6" ABOVE MILLWORK SPLASH. PROVIDE AND INSTALL A DUPLEX OUTLET AT 7'-0" AFF AT BACK OF CASEWORK FOR TV. ALL OUTLETS ARE TO BE ON THE SAME CIRCUIT. SEE ARCHITECTURAL ELEVATION FOR EXACT LOCATION OF OUTLETS.
16. PROVIDE AND INSTALL GP OUTLET IN SPACE ABOVE RANGE OVER COUNTER MICROWAVE OVEN. CIRCUIT MICROWAVE IN 107 TO L6-13 AND CIRCUIT MICROWAVE IN 115 TO CIRCUIT TO L5-29.
17. GAS SOLENOID VALVE FOR FIREPLACE.
18. SEE ARCHITECTURAL FOR EXACT MOUNTING HEIGHTS. PROVIDE AND INSTALL A WALKER BOX 0F84-SS BETWEEN WALL STUDS. FLUSH THE BOX UP TO THE BACK OF THE SHEETROCK. DO NOT INSTALL THE COVER. THIS BOX WILL HOUSE POWER, DATA AND OTHER CONNECTIVITY TO THE PLASMA SCREEN. PROVIDE AND INSTALL DUPLEX OUTLET 2" ABOVE FIREPLACE MANTLE AND CIRCUIT TO L7-13. COORDINATE INSTALLATION OF THIS OUTLET WITH ARCHITECT.
19. ONE DUPLEX OUTLET AT THIS LOCATION TO BE CONTROLLED BY LIGHT SWITCH SHOWN ON THIS SHEET. THIS SWITCH TO BE SEPARATE ELECTRICALLY FROM THE OTHERS NEAR IT.
20. PROVIDE POWER TO WIRELESS DROP USING OUTLET PLACED 6" BELOW FINISHED CEILING.
21. POWER FOR FIRE ALARM CONTROL PANEL.
22. POWER FOR AMP.
23. POWER TO AREA OF RESCUE ASSISTANCE MASTER STATION.
24. GFCI OUTLET MOUNTED IN COOKING CENTER AS DIRECTED BY ARCHITECT. THESE OUTLETS TO BE INSTALLED PER ALTERNATE #2.
25. POWER TO RANGE TO BE CONTROLLED BY SHUNT TRIP BREAKER USING SWITCH IN OFFICE 103 AS SHOWN.

Sheet E2.0
A. Refer to Floor Plan.
1. All floor outlets are to be located per Architect.

SUBMISSION OF BID WILL BE CONSIDERED ACKNOWLEDGMENT THAT THE CONTRACTOR HAS VISITED THE SITE AND HAS VERIFIED ALL EXISTING JOB CONDITIONS AND INCLUDED ANY NECESSARY MODIFICATION TO EXISTING AND NEW WORK REQUIRED FOR INSTALLATION OF A COMPLETE AND WORKING SYSTEM.

STATE OF TEXAS
TOMMY D. FENTER
87252
REGISTERED PROFESSIONAL ENGINEER
June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 •PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 •Fax 903.753.7317
Email T.D.A@T-DArchitects.com
www.T-DArchitects.com

MEP ENGINEER
EMA
www.estesmcclure.com
Estes, McClure & Associates, Inc.
Engineering & Consulting
3608 West Way
Tyler, Texas 75703
phone 903-581-2677 fax 903-581-2721

KILGORE COLLEGE

GUSSIE NELL-DAVIS RANGERETTE RESIDENCE

Kilgore, Texas

FILE NAME:

PROJECT NUMBER: 0421

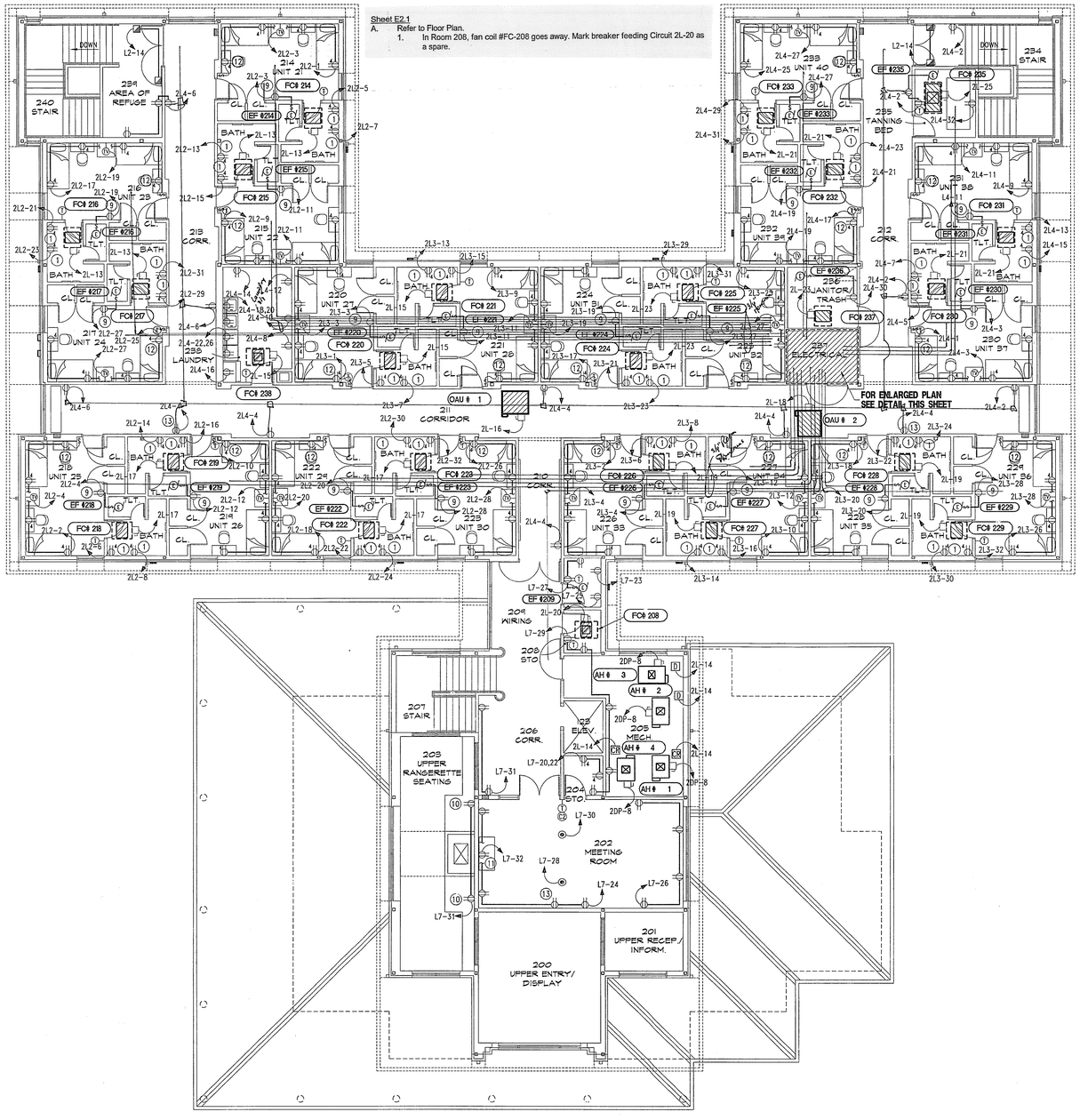
SHEET CONTENTS:
ELECTRICAL
FLOOR PLAN
FIRST FLOOR

E 2.0

ELECTRICAL POWER SYMBOLS

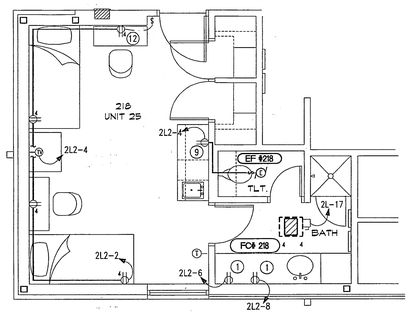
	DUPLEX RECEPTACLE – 18" A.F.F OR AS NOTED
	MULTI-POLE RECEPTACLE – 18" A.F.F. OR AS NOTED
	EXISTING RECEPTACLE
	DUPLEX RECEPTACLE WITH ISOLATED GROUND RECEPTACLE – 18" A.F.F. OR AS NOTED
4	QUAD RECEPTACLE – 18" A.F.F. OR AS NOTED
4	QUAD RECEPTACLE WITH ISOLATED GROUND – 18" A.F.F. OR AS NOTED
	SPLIT CIRCUIT RECEPTACLE – 18" A.F.F. OR AS NOTED
	TWIST LOCK RECEPTACLE MOUNTED ON WALL UNDER RAISED FLOOR. PROVIDE SIZE AS DESIGNATED.
	FLOOR BOX WITH COVER FOR COMMUNICATION AND POWER
	FLOOR DUPLEX RECEPTACLE – 3/4"C. TO ACCESSIBLE ATTIC SPACE OR AS NOTED
	FLOOR BOX, BLANK COVER OR AS NOTED
	PROVIDE RFB4 OR EQUIVALENT W/COMM. AS NOTED & 3 ISO. GRN OUTLETS OR AS NOTED
	PROVIDE RFB9 OR EQUIVALENT W/COMM. AS NOTED & 6 ISO. GRN OUTLETS OR AS NOTED
	4-GANG BACK BOX WITH DIVIDERS FOR POWER AND COMMUNICATIONS INCLUDE DEVICES AND COVERS-WIREMOLD WFA SERIES
	COMMUNICATION/POWER POLE – FURNISH REQUIRED LENGTH TO PENETRATE CEILING
SR	SURFACE RACEWAY
HB	HANDY BOX – PROVIDE 20A. RECEPTACLES IN MILLWORK & CONNECT OR AS NOTED
H	HANDY BOX – CONNECT TO RECEPTACLES PROVIDED BY OTHERS IN MILLWORK OR AS NOTED
	GAS SOLENOID VALVE – ON ROOF – VERIFY & COORDINATE W/PLUMBING DRAWINGS & DIV. 15
	WATER SOLENOID VALVE – ABOVE CEILING – VERIFY & COORDINATE W/PLUMBING DRAWINGS & DIV. 15
T	THERMOSTAT – SEE SENSOR MOUNTING DETAIL FOR MOUNTING HEIGHT AND ADDITIONAL REQUIREMENTS
	C02 SENSOR – SEE SENSOR MOUNTING DETAIL FOR MOUNTING HEIGHT AND ADDITIONAL REQUIREMENTS
H	HUMIDITY SENSOR – SEE SENSOR MOUNTING DETAIL FOR MOUNTING HEIGHT AND ADDITIONAL REQUIREMENTS
J	JUNCTION BOX – 18" A.F.F. – 3/4"C. TO CORRIDOR ATTIC SPACE OR AS NOTED
M	MICROPHONE JACK – WALL MOUNTED DEVICE 18" A.F.F. OR AS NOTED – 1" C. TO AMPLIFIER
A	AUXILIARY INPUT JACK –WALL MOUNTED DEVICE 18" A.F.F. OR AS NOTED– 1" C. TO AMPLIFIER
P	PLUMBING SENSORS POWER – CONNECT TO DIVISION 15 TRANSFORMER(S)
TV	TELEVISION BRACKET, SIGNAL & POWER OUTLET – CEILING OR WALL MOUNTED, SEE DETAIL
	CLOCK RECEPTACLE – 1'-0" BELOW CEILING OR 8'-0" A.F.F.
	EXHAUST FAN – PROVIDED BY DIVISION 15 OR AS NOTED
	MOTOR – FINAL CONNECTION BY DIVISION 16
MS	MOTOR SWITCH WITH OVERLOAD – 50.D, CLASS 2510 IN NEMA ENCLOSURE (TYPE K)
	SAFETY SWITCH – MOUNT 30" ABOVE FINISH GRADE MAX. OR AS DIRECTED
	SURFACE MOUNT EQUIPMENT PANEL, RACK, CABINET, AMPLIFIER, ETC. AS NOTED.
	FLUSH MOUNT EQUIPMENT PANEL, RACK, CABINET, AMPLIFIER, ETC. AS NOTED.
$_{S2}$ $_{S3}$ $_{S4}$	SWITCH – 20A. SINGLE POLE, 2 POLE, 3-WAY, 4-WAY – 44" A.F.F. UNLESS NOTED
$_{SK}$ $_{S2}$ $_{S4}$	SWITCH – 20A. KEY OPERATED – 44" A.F.F.– PROVIDE 12 EXTRA KEYS FOR OWNER
$_{SD}$	DIMMER SWITCH AS NOTED – 44" A.F.F.
$_{S51}$ $_{S52}$ $_{S53}$ $_{S54}$	PROGRAMMABLE LOW VOLTAGE SWITCHES (1-4 PER GANG)
	OCCUPANCY SENSOR – CONTROL FOR LIGHTING
C	FLUORESCENT FIXTURE–RECESSED/SURFACE OR PENDANT MTD–SEE FIXTURE SCHEDULE & SPECS– LETTER INDICATES TYPE
	EMERGENCY FLUORESCENT FIXTURE – SWITCHABLE, BATTERY OPERATED
	EMERGENCY FLUORESCENT FIXTURE – NOT SWITCHED, BATTERY OPERATED – NIGHT LIGHT
	EMERGENCY FLUORESCENT FIXTURE – GENERATOR OPERATED – EMERGENCY/NIGHT LIGHT
	LIGHT FIXTURE–RECESSED/SURFACE OR PENDANT MTD–SEE FIXTURE SCHEDULE & SPECS–LETTER INDICATES TYPE
	EMERGENCY FIXTURE – BATTERY OPERATED/WALL MOUNTED/NOT SWITCHED
	EXIT FIXTURE – SWITCHABLE, BATTERY OPERATED
	FIRE ALARM TO SMOKE/FIRE BARRIER DOOR ELECTROMAGNETIC HOLDER/RELEASE INTERFACE
FR	FIRE ALARM POWER RELAY
CR	FIRE ALARM CONTROL RELAY, AIR HANDLER, SFD, OR DOOR HOLDER, ETC.
D	FIRE ALARM DUCT MOUNTED SMOKE DETECTOR WITH CONTROL RELAY
SFD	MOTORIZED SMOKE/FIRE DAMPER – POWER CONNECTION BY DIVISION 16
B	BUZZER – EDWARDS #156C-6G1 80"A.F.F.
PB	PUSHBUTTON – EDWARDS #695–W 44"A.F.F.
S XFR	SIGNAL TRANSFORMER – EDWARDS #591 IN J–BOX ABOVE CEILING
C–1	HOME RUN WITH CIRCUIT DESIGNATION(S) – LETTER DENOTES PANEL
	SWITCH CIRCUIT
	BRANCH CIRCUIT
	UNDERGROUND POWER CIRCUIT
	PANELBOARD OR SWITCHBOARD – REFER TO SCHEDULE
T	POWER TRANSFORMER – DESCRIBED IN SCHEDULE AND/OR SPECIFICATIONS
	GROUND

NOTES:
1. SOME SYMBOLS MAY NOT BE USED.
2. ACCESSIBLE DEVICES HIGHEST OPERABLE PART TO BE 46" MAXIMUM/18" MINIMUM A.F.F. – REFER TO ARCHITECTURAL DRAWINGS.
3. DIMENSIONS GIVEN A.F.F. ARE TO BOTTOM OF BOX.



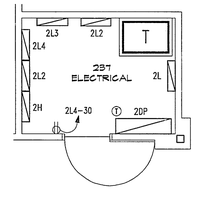
ELECTRICAL FLOOR PLAN- SECOND FLOOR

1 — 1/8"=1'-0"



ENLARGED TYPICAL DORM UNIT

2 — 1/4"=1'-0"



ENLARGED ELECTRICAL ROOM #237

3 — 1/4"=1'-0"

ELECTRICAL GENERAL NOTES:

1. VERIFY ALL MOUNTING HEIGHTS OF RECEPTACLES WITH ARCHITECTURAL CASEWORK DETAILS BEFORE ROUGH-IN.
2. VERIFY MARKERBOARD AND TACKBOARD LOCATIONS WITH ARCHITECTURAL PLANS – DO NOT INSTALL DEVICES IN THESE AREAS.
3. EXACT MECHANICAL EQUIPMENT LOCATIONS AND TYPE SHALL BE COORDINATED WITH MECHANICAL PLANS AND MECHANICAL CONTRACTOR. DO NOT INSTALL CONDUIT/CABLING WITHIN 3'-0" OF ANY HVAC UNIT UNLESS THE CONDUIT AND/OR CABLING SERVES THAT UNIT.
4. ALL CONDUIT AND/OR CABLING SHALL BE INSTALLED BETWEEN THE BOTTOM AND TOP CORD OF JOIST. WHERE NO CEILINGS ARE SCHEDULED, ALL CONDUIT SHALL BE UP AGAINST BOTTOM OF THE TOP CHORD.
5. COORDINATE CONDUIT ROOF PENETRATIONS WITH MECHANICAL ROOF TOP UNITS AND/OR THRU HOODED PLUMBING PENETRATIONS TO CONDENSING UNITS.
6. REFER TO ELECTRICAL COMMUNICATION DRAWINGS FOR GENERAL LOCATION OF CONDUIT AND BOXES SUPPLIED BY THIS CONTRACTOR IN BASE BID.
7. EXACT LOCATION OF ALL OUTLETS, DEVICES, & ETC. INSTALLED IN MOVEABLE FURNITURE SHALL BE COORDINATED WITH ARCHITECT AND OWNER.
8. DURING THE SUBMITTAL PHASE, THIS CONTRACTOR SHALL SUBMIT LAYOUT OF SWITCHGEAR IN EACH EQUIPMENT ROOM WHERE SWITCHGEAR IS LOCATED. ALL SWITCHGEAR LAYOUTS MUST BE DRAWN TO SCALE AND DIMENSIONED.
9. UNLESS OTHERWISE NOTED ON THE DRAWINGS OR IN THE SPECIFICATIONS, PROVIDE A LISTED MANUAL MOTOR-CIRCUIT SWITCH AS A DISCONNECTING MEANS AT EACH MOTOR. FOR MOTORS SHOWN WITH "MS" PROVIDE A LISTED MANUAL MOTOR-CIRCUIT SWITCH WITH OVERLOAD PROTECTION AS A DISCONNECTING MEANS AT EACH MOTOR.
10. WHEREVER THE LENGTH OF THE SECONDARY CONDUCTORS OF ANY TRANSFORMER EXCEEDS TEN FEET, AN ENCLOSED CIRCUIT BREAKER OR FUSED DISCONNECT IS REQUIRED TO BE PROVIDED WITHIN TEN FEET OF THE TRANSFORMER SECONDARY TERMINALS IN ACCORDANCE WITH NEC ARTICLE 240-21(C)(2). THIS OVERCURRENT DEVICE SHALL HAVE AN AMP RATING EQUAL TO THE AMP RATING OF THE PANEL BEING SERVED. IF THIS OCCURS AND THE PANEL IS IN THE SAME ROOM, THE PANEL BEING FED MAY BE CHANGED TO MAIN LUG ONLY.
11. THE CONTRACTOR AND SUBCONTRACTORS SHALL COORDINATE WITH ALL UTILITY COMPANIES AND THE OWNER'S REPRESENTATIVE TO DETERMINE THE LOCATION OF ALL EXISTING LINES AND UTILITIES BEFORE DITCHING IS PERFORMED. THE CONTACTOR AND SUBCONTRACTORS SHALL BE RESPONSIBLE FOR REPAIR OF ANY CUT OR DAMAGED LINES OR UTILITIES. LINES AND UTILITIES EXIST THAT ARE NOT SHOWN ON ANY PLANS.

ELECTRICAL PLAN NOTES:

1. GFCI OUTLETS MOUNTED 6" ABOVE MILLWORK SPLASH. VERIFY EXACT LOCATION WITH ARCHITECTURAL DRAWINGS.
2. OUTLET MOUNTED 6" ABOVE MILLWORK SPLASH. VERIFY EXACT LOCATION WITH ARCHITECTURAL DRAWINGS.
3. EWC OUTLET MOUNTED 20" A.F.F. – ON GFCI BREAKER.
4. GFCI OUTLET MOUNTED 18" A.F.F.
5. WEATHERPROOF GFCI MAINTENANCE OUTLET 18" A.F.F.
6. GFCI OUTLET MOUNTED 44" A.F.F.
7. NOT USED.
8. EXHAUST FAN CONTROLLED BY A CONTACTOR. PROVIDE A CONTACTOR WITH A 277 VOLT COIL. CIRCUIT THE CONTACTOR TO THE SAME CIRCUIT THAT FEEDS THE LIGHTS IN THE AREA WHERE THE EXHAUST FAN IS LOCATED. ENERGIZE THE COIL WHEN THE LIGHTS ARE TURNED ON. REFER TO EXHAUST FAN DETAIL.
9. PROVIDE AND INSTALL DUPLEX OUTLET AT 18" AFF FOR UNDER-COUNTER REFRIGERATOR. PROVIDE AND INSTALL A GFCI DUPLEX OUTLET 6" ABOVE MILLWORK SPLASH. PROVIDE AND INSTALL A DUPLEX OUTLET AT 7'-0" AFF AT BACK OF CASEWORK FOR TV. ALL OUTLETS ARE TO BE ON THE SAME CIRCUIT. SEE ARCHITECTURAL ELEVATION FOR EXACT LOCATION OF OUTLETS.
10. MOUNT BOTTOM OF DUPLEX OUTLET AT 2" ABOVE SHELF TOP SO IT CANNOT BE SEEN FROM FIRST FLOOR. MOUNT EACH OUTLET ON ITS SIDE.
11. COORDINATE WITH ARCHITECTURAL CASEWORK FOR EXACT LOCATIONS. PROVIDE AND INSTALL A WALKER BOX RFB4-SS BETWEEN WALL STUDS. FLUSH THE BOX UP TO THE BACK OF THE SHEETROCK. DO NOT INSTALL THE COVER. THIS BOX WILL HOUSE POWER, DATA AND OTHER CONNECTIVITY TO THE PLASMA SCREEN.
12. ONE DUPLEX OUTLET AT THIS LOCATION TO BE CONTROLLED BY LIGHT SWITCH SHOWN ON THIS SHEET. THIS SWITCH TO BE SEPARATE ELECTRICALLY FROM THE OTHERS NEAR IT.
13. PROVIDE POWER TO WIRELESS DROP USING OUTLET PLACED 6" BELOW FINISHED CEILING.

SUBMISSION OF BID WILL BE CONSIDERED ACKNOWLEDGMENT THAT THE CONTRACTOR HAS VISITED THE SITE AND HAS VERIFIED ALL EXISTING JOB CONDITIONS AND INCLUDED ANY NECESSARY MODIFICATION TO EXISTING AND NEW WORK REQUIRED FOR INSTALLATION OF A COMPLETE AND WORKING SYSTEM.

STATE OF TEXAS
TOMMY D. YENTER
83256
LICENSED PROFESSIONAL ENGINEER
June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 •PO Box 2723
Longview,Texas 75606-2723
Phone 903.236.3771 •Fax 903.753.7317
Email: TDA@T-DArchitects.com
www.T-DArchitects.com

MEP ENGINEER

EMA
www.estesmcclure.com
Estes, McClure & Associates, Inc.
Engineering & Consulting
3608 West Way
Tyler, Texas 75703
phone: 903-581-2677 fax: 903-581-2721

KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE

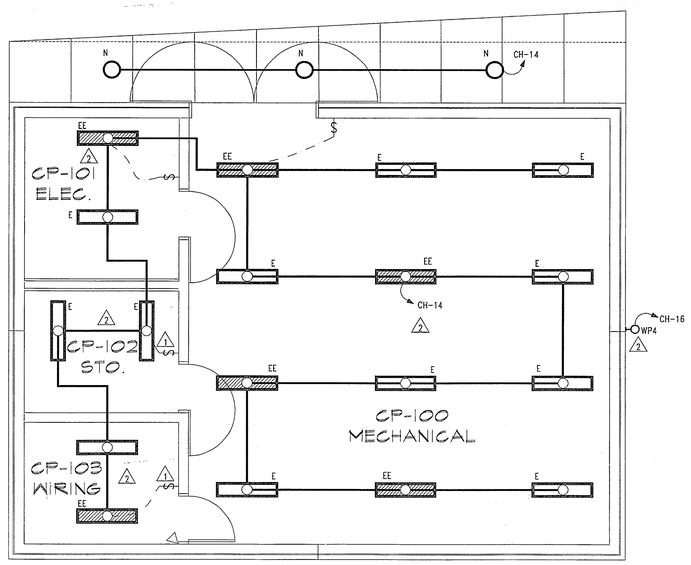
Kilgore, Texas

FILE NAME:

PROJECT NUMBER:
0421

SHEET CONTENTS:
ELECTRICAL
FLOOR PLAN
SECOND FLOOR

E
2.1



LIGHTING
CENTRAL PLANT OVERALL FLOOR PLAN

1 1/4"=1'-0"

Sheet E2.2

A. Refer to Floor Plan.
   1. Provide power to electric trap primers from Circuit CL-11.
   2. Lighting Plan Note #2 is to be changed to state, "MOUNT FIXTURE AT 9'-0" A.F.F. MOUNT LIGHT FIXTURES TO AVOID MECHANICAL EQUIPMENT."

LIGHTING GENERAL NOTES:

1. ALL LIGHT FIXTURES ARE TYPE "E" UNLESS OTHERWISE NOTED.
2. VERIFY ALL CEILING HEIGHTS AND TYPES WITH ARCHITECTURAL DRAWINGS BEFORE PROVIDING FIXTURES AND WIRING.
3. THE CONTRACTOR AND SUBCONTRACTORS SHALL COORDINATE WITH ALL UTILITY COMPANIES AND THE OWNER'S REPRESENTATIVE TO DETERMINE THE LOCATION OF ALL EXISTING LINES AND UTILITIES BEFORE DITCHING IS PERFORMED. THE CONTRACTOR AND SUBCONTRACTORS SHALL BE RESPONSIBLE FOR REPAIR OF ANY CUT OR DAMAGED LINES OR UTILITIES. LINES AND UTILITIES EXIST THAT ARE NOT SHOWN ON ANY PLANS.
4. WHERE THE CEILING IS MORE THAN THREE FEET BELOW THE BOTTOM CHORD OF THE JOIST, ALL CONDUIT AND CABLING SHALL BE INSTALLED ON A TRAPEZE SUPPORT AS SHOWN ON THE DETAILS. WHERE THE CEILING IS LESS THAN THREE FEET BELOW THE BOTTOM CHORD, ALL CONDUIT AND CABLING SHALL BE INSTALLED ABOVE THE BOTTOM CHORD OF THE JOIST. WHERE NO CEILING IS SCHEDULED, ALL CONDUIT AND CABLING SHALL BE INSTALLED UP AGAINST THE BOTTOM OF THE DECK.
5. ALL EXTERIOR LIGHTS ARE TO BE CONTROLLED BY TIME CLOCK, AS SPECIFIED. THIS CONTRACTOR SHALL PROVIDE ALL MECHANICALLY HELD LIGHTING CONTACTORS, REMOTE CONTROL RELAYS, AND WIRING TO TIME CLOCK.
6. UNLESS OTHERWISE NOTED ON THE DRAWINGS OR IN THE SPECIFICATIONS, PROVIDE A LISTED MANUAL MOTOR-CIRCUIT SWITCH AS A DISCONNECTING MEANS AT EACH MOTOR. FOR MOTORS SHOWN WITH "MS" PROVIDE A LISTED MANUAL MOTOR-CIRCUIT SWITCH WITH OVERLOAD PROTECTION AS A DISCONNECTING MEANS AT EACH MOTOR.
7. SEE RECESSED, LAY-IN TYPE, FLUORESCENT LIGHT FIXTURE DETAIL FOR LIGHTING SUPPORT.

LIGHTING PLAN NOTES:

1. PROVIDE A PARAGON ET2000F OR WATT STOPPER EQUAL SET AT 2 HOURS.
2. MOUNT FIXTURE AT 10'-6" A.F.F. VERIFY EXACT MOUNTING HEIGHT WITH ARCHITECT.

GENERAL RISER NOTES:

1. WHEREVER THE LENGTH OF THE SECONDARY CONDUCTORS OF ANY TRANSFORMER EXCEEDS TEN FEET, AN ENCLOSED CIRCUIT BREAKER OR FUSED DISCONNECT IS REQUIRED TO BE PROVIDED WITHIN TEN FEET OF THE TRANSFORMER SECONDARY TERMINALS IN ACCORDANCE WITH NEC ARTICLE 240-21(C)(2). THIS OVERCURRENT DEVICE SHALL HAVE AN AMP RATING EQUAL TO THE AMP RATING OF THE PANEL BEING SERVED. IF THIS OCCURS AND THE PANEL IS IN THE SAME ROOM, THE PANEL BEING FED MAY BE CHANGED TO MAIN LUG ONLY.

ELECTRICAL RISER NOTES: (SOME NOTES MAY NOT BE USED)

(250) 4-#250, 1-#4 GRN, 2 1/2"C.

(2000) 6-3"C. WITH 3-#400 MCM, 1-#400 MCM NEUTRAL IN EACH.
PROVIDE SECONDARY ENCLOSURE IF NEEDED.
COORDINATE WITH POWER COMPANY.

TRANSFORMER GROUNDS

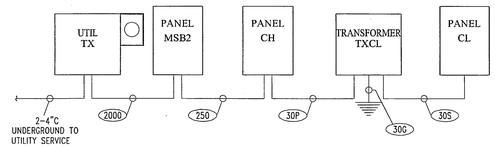
(30G) #6 GRN

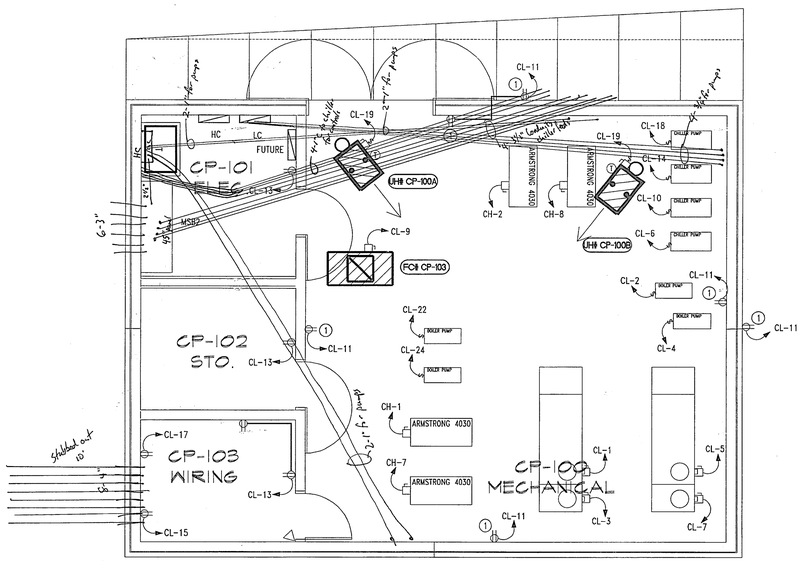
PRIMARY SIDE OF XFMR [480 VOLT]

(30P) 3-#6, 1-#10 GRN, 1"C.

SECONDARY SIDE OF XFMR [208] & OTHER

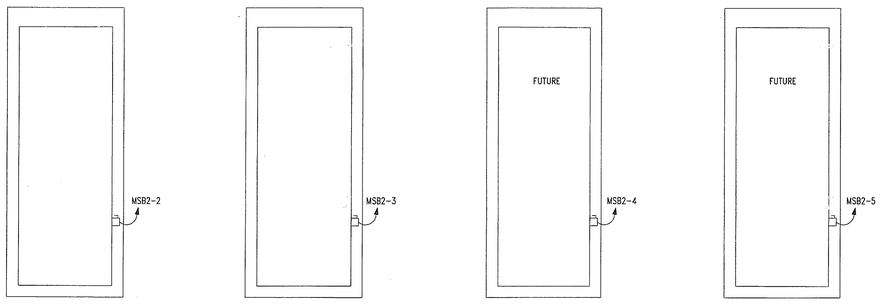
(30S) 4-#1/0 WIRE, 1-#6 GRN, 2"C.





ELECTRICAL
CENTRAL PLANT OVERALL FLOOR PLAN

2 1/4"=1'-0"



ELECTRICAL GENERAL NOTES:

1. VERIFY ALL MOUNTING HEIGHTS OF RECEPTACLES WITH ARCHITECTURAL CASEWORK DETAILS BEFORE ROUGH-IN.
2. EXACT MECHANICAL EQUIPMENT LOCATIONS AND TYPE SHALL BE COORDINATED WITH MECHANICAL PLANS AND MECHANICAL CONTRACTOR. DO NOT INSTALL CONDUIT/CABLING WITHIN 3'-0" OF ANY HVAC UNIT UNLESS THE CONDUIT AND/OR CABLING SERVES THAT UNIT.
3. ALL CONDUIT AND/OR CABLING SHALL BE INSTALLED BETWEEN THE BOTTOM AND TOP CORD OF JOIST. WHERE NO CEILINGS ARE SCHEDULED, ALL CONDUIT SHALL BE UP AGAINST BOTTOM OF THE TOP CHORD.
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5. REFER TO ELECTRICAL COMMUNICATION DRAWINGS FOR GENERAL LOCATION OF CONDUIT AND BOXES SUPPLIED BY THIS CONTRACTOR IN BASE BID.
6. DURING THE SUBMITTAL PHASE, THIS CONTRACTOR SHALL SUBMIT LAYOUT OF SWITCHGEAR IN EACH EQUIPMENT ROOM WHERE SWITCHGEAR IS LOCATED. ALL SWITCHGEAR LAYOUTS MUST BE DRAWN TO SCALE AND DIMENSIONED.
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ELECTRICAL PLAN NOTES:

1. WEATHERPROOF GFCI MAINTENANCE OUTLET 18" A.F.F.

SUBMISSION OF BID WILL BE CONSIDERED ACKNOWLEDGMENT THAT THE CONTRACTOR HAS VISITED THE SITE AND HAS VERIFIED ALL EXISTING JOB CONDITIONS AND INCLUDED ANY NECESSARY MODIFICATION TO EXISTING AND NEW WORK REQUIRED FOR INSTALLATION OF A COMPLETE AND WORKING SYSTEM.

STATE OF TEXAS
TOMMY D. FENTER
73263
LICENSED
PROFESSIONAL
ENGINEER

June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 •PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 •Fax 903.753.7317
Email TDA@T-DAvisArchitects.com
www.T-DAvisArchitects.com

MEP ENGINEER
EMA
www.estesmcclure.com
Estes, McClure & Associates, Inc.
Engineering & Consulting
3608 West Way
Tyler, Texas 75703
phone: 903-581-2677 fax: 903-581-2721

KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE

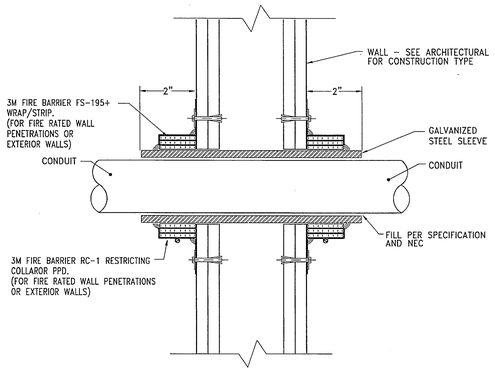
Kilgore, Texas

FILE NAME:

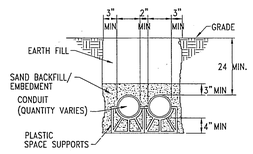
PROJECT NUMBER:
0421

SHEET CONTENTS:
CENTRAL PLANT BUILDING
ELECTRICAL FLOOR PLAN

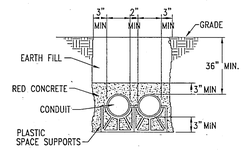
E
2.2



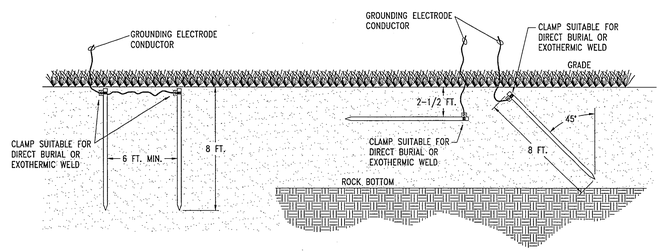
1 WALL PENETRATION
N.T.S.



2 UNDERGROUND SECONDARY ELECTRIC CONDUIT
N.T.S.

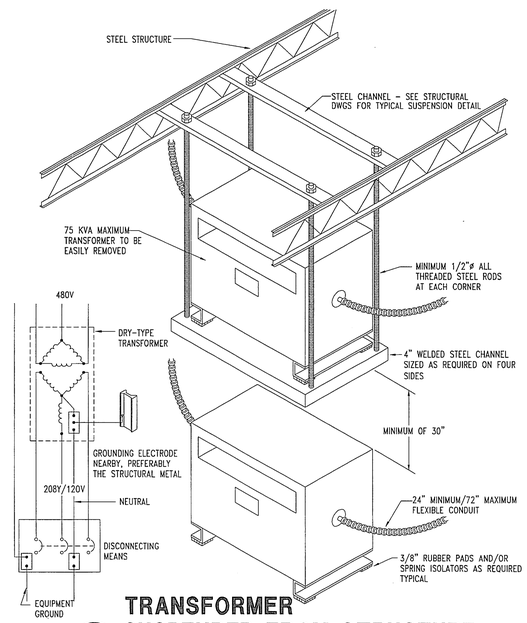


3 UNDERGROUND PRIMARY ELECTRIC CONDUIT
N.T.S.

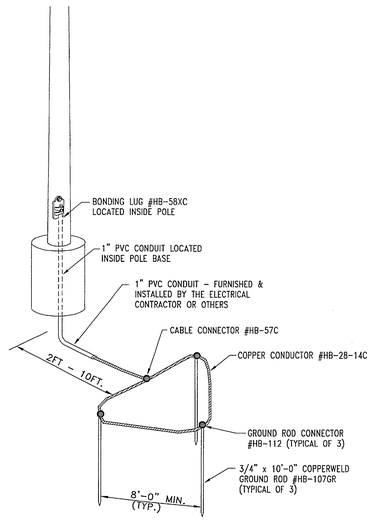


NOTE: ALL PIPE AND ROD ELECTRODES MUST HAVE 8 FEET OF LENGTH IN CONTACT WITH SOIL REGARDLESS OF ROCK BOTTOM IN ORDER TO ENSURE THAT THE UPPER END OF THE ELECTRODE IS FLUSH WITH OR BELOW GROUND LEVEL UNLESS THE ABOVEGROUND PORTION IS PROTECTED FROM PHYSICAL DAMAGE.

4 NEC GROUNDING ROD DETAILS
N.T.S.

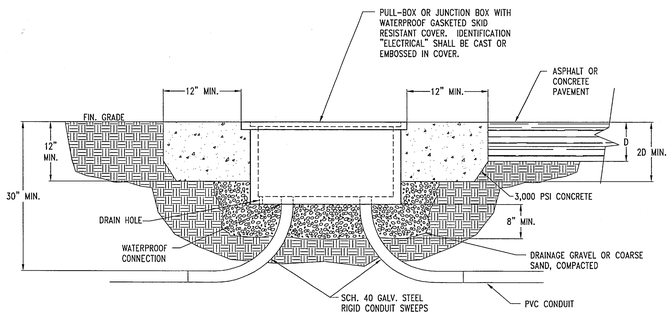


5 TRANSFORMER SUSPENDED FROM STRUCTURE
N.T.S.

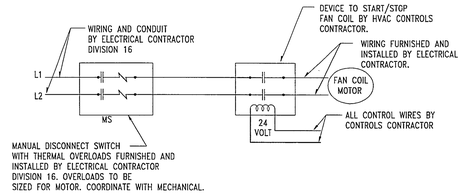


6 LIGHT POLE GROUNDING
N.T.S. 20' POLES AND HIGHER

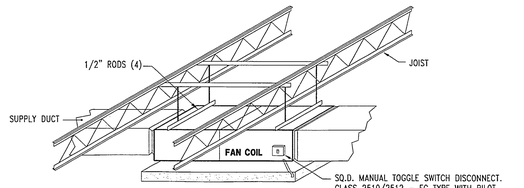
ALL CATALOG NUMBERS ARE HEARY BROTHERS LIGHTNING PROTECTION



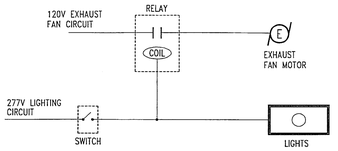
7 PULL BOX DETAIL
N.T.S.



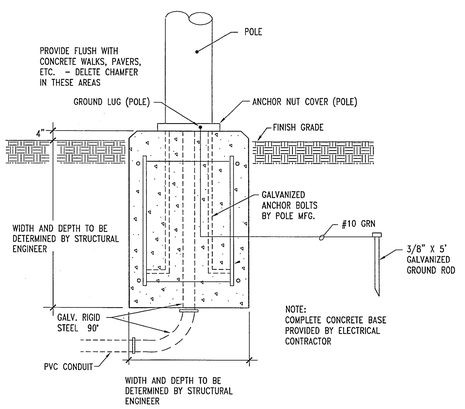
8 TYPICAL FAN COIL WIRING
N.T.S.



9 FAN COIL TOGGLE SWITCH DISCONNECT
N.T.S.



10 SWITCHING FOR EXHAUST FAN & LIGHTS
1/8"=1'-0"



11 SMALL POLE BASE
N.T.S.

SUBMIT POLE BASE DRAWINGS TO STRUCTURAL ENGINEER FOR APPROVAL

SUBMISSION OF BID WILL BE CONSIDERED ACKNOWLEDGMENT THAT THE CONTRACTOR HAS VISITED THE SITE AND HAS VERIFIED ALL EXISTING JOB CONDITIONS AND INCLUDED ANY NECESSARY MODIFICATION TO EXISTING AND NEW WORK REQUIRED FOR INSTALLATION OF A COMPLETE AND WORKING SYSTEM.

STATE OF TEXAS
TOMMY D. FENTER
93292
LICENSED
PROFESSIONAL ENGINEER
June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 •PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 •Fax 903.753.7317
Email: TDA@T-DArchitects.com
www.T-DArchitects.com

MEP ENGINEER
EMA
www.estesmcclure.com
Estes, McClure & Associates, Inc.
Engineering & Consulting
3608 West Way
Tyler, Texas 75703
phone: 903-581-2677 fax: 903-581-2721

KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE

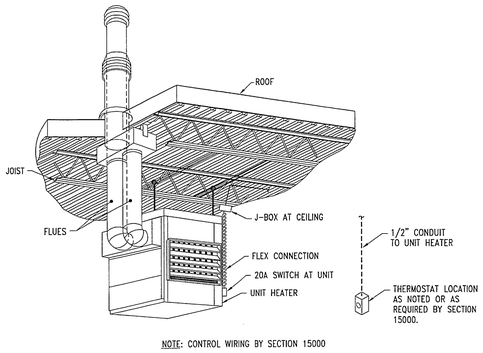
Kilgore, Texas

FILE NAME:

PROJECT NUMBER: 0421

SHEET CONTENTS: DETAILS

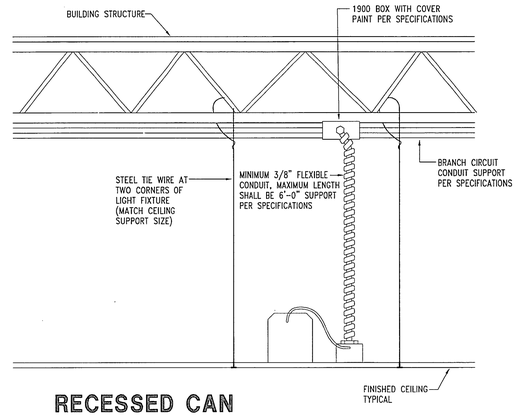
E 2.3



NOTE: CONTROL WIRING BY SECTION 15000

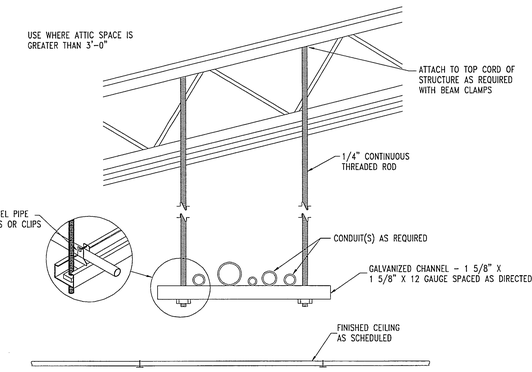
1 UNIT HEATER

N.T.S.



4 RECESSED CAN LIGHT FIXTURE INSTALLATION

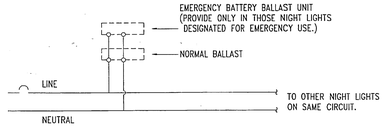
N.T.S.



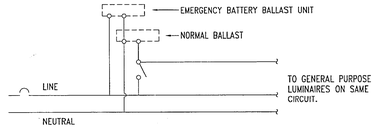
7 CONDUIT SUPPORT

N.T.S.

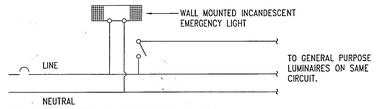
CONNECTIONS FOR FLUORESCENT NIGHT LIGHTS



CONNECTIONS FOR EMERGENCY FLUORESCENT LIGHTS

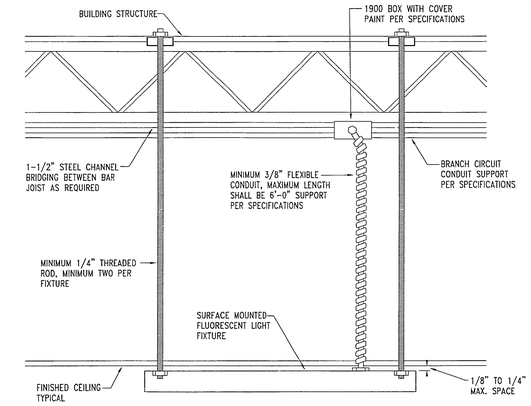


CONNECTIONS FOR INCANDESCENT EMERGENCY LIGHTS



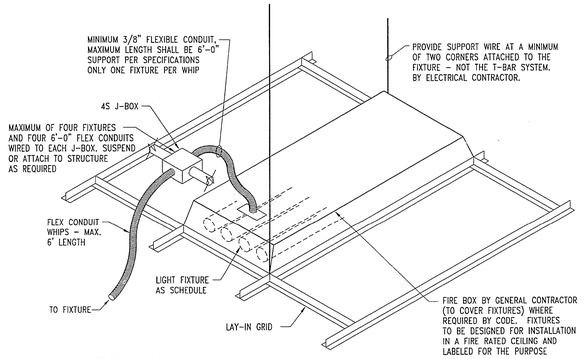
2 POWER CONNECTIONS FOR EMERGENCY LIGHTS

N.T.S.



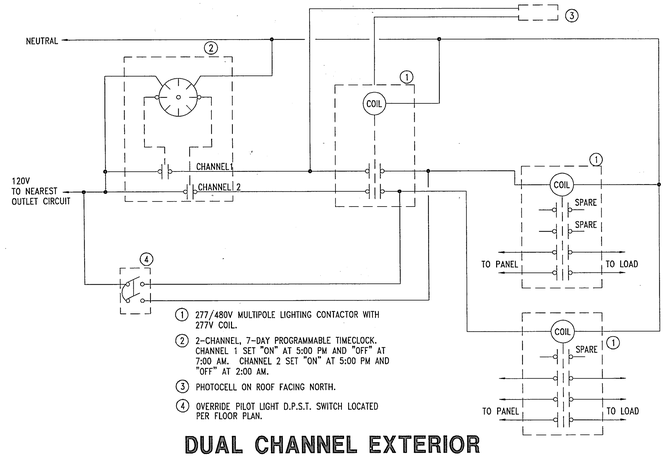
5 SURFACE MOUNTED LIGHT FIXTURE INSTALLATION

N.T.S.



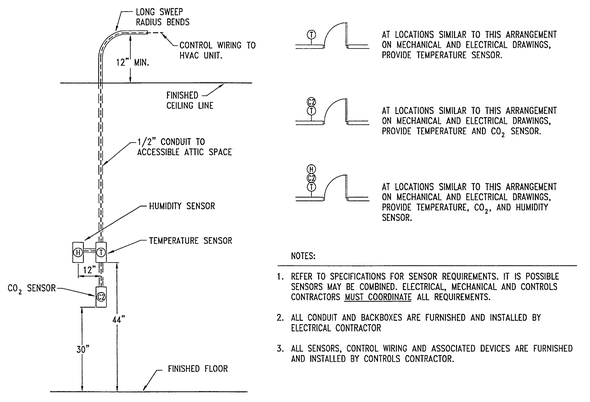
8 RECESSED LAY-IN LIGHT FIXTURE INSTALLATION

N.T.S.



3 DUAL CHANNEL EXTERIOR LIGHT CONTROL BY TIME CLOCK

1/8"=1'-0"

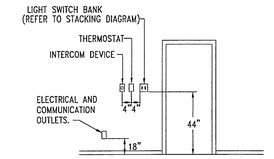


NOTES:

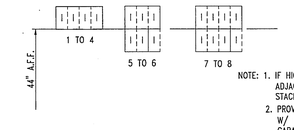
1. REFER TO SPECIFICATIONS FOR SENSOR REQUIREMENTS. IT IS POSSIBLE SENSORS MAY BE COMBINED. ELECTRICAL, MECHANICAL AND CONTROLS CONTRACTORS MUST COORDINATE ALL REQUIREMENTS.
2. ALL CONDUIT AND BACKBOXES ARE FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR
3. ALL SENSORS, CONTROL WIRING AND ASSOCIATED DEVICES ARE FURNISHED AND INSTALLED BY CONTROLS CONTRACTOR.

6 SENSOR MOUNTING DETAILS

NTS

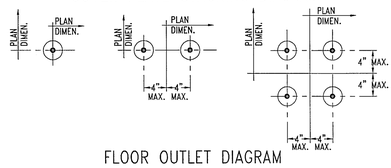


SWITCH & OUTLET LOCATION DIAGRAM



NOTE: 1. IF HIGH WATTAGE DIMMERS ARE USED ADJACENT TO LIGHTING BANK, STACKING IS TO BE USED AS INDICATED.
2. PROVIDE SINGLE GANGING PLATE W/ 1, 2, 3, OR 4 SWITCH LEG CAPACITY WHEREVER POSSIBLE.

COVER PLATE STACKING DIAGRAM



FLOOR OUTLET DIAGRAM

9 OUTLET DIAGRAM

N.T.S.

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STATE OF TEXAS
TOMMY D. FENTEN
83255
LICENSED
PROFESSIONAL ENGINEER

June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 Fax 903.753.7317
Email: TDA@T-DArchitects.com
www.T-DArchitects.com

MEP ENGINEER
EMA
www.estesmcclure.com
Estes, McClure & Associates, Inc.
Engineering & Consulting
3608 West Way
Tyler, Texas 75703
phone: 903-581-2677 fax: 903-581-2721

KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE

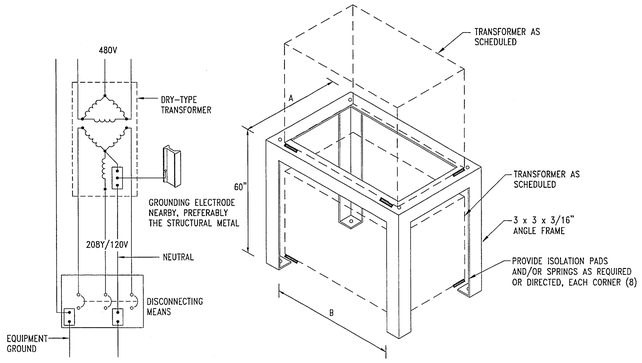
Kilgore, Texas

FILE NAME:

PROJECT NUMBER: 0421

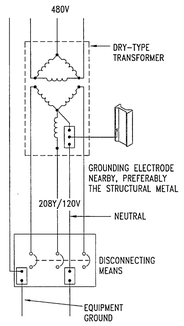
SHEET CONTENTS: DETAILS

E 2.4



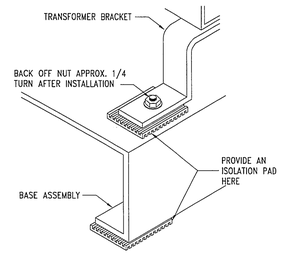
1 TRANSFORMER STAND

N.T.S. SIZE A & B PER TRANSFORMERS SUPPLIED



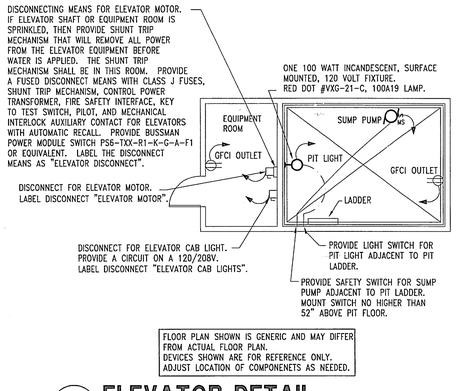
2 TRANSFORMER GROUND

N.T.S.



3 ISOLATION PAD

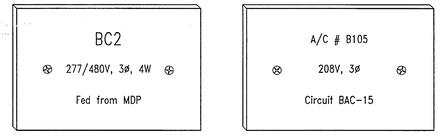
N.T.S.



FLOOR PLAN SHOWN IS GENERIC AND MAY DIFFER FROM ACTUAL FLOOR PLAN.
DEVICES SHOWN ARE FOR REFERENCE ONLY.
ADJUST LOCATION OF COMPONENETS AS NEEDED.

4 ELEVATOR DETAIL

N.T.S.



PANELBOARD LABEL (TYPICAL) DISCONNECT SWITCH LABEL (TYPICAL)

NOTES:

1. ATTACH SECURELY WITH NON-CORRODING STAINLESS STEEL SCREWS, NON-CORRODING POP RIVETS ARE ACCEPTABLE, ADHESIVE ATTACHMENT IS NOT ACCEPTABLE.
2. LABEL ALL PANELBOARDS, SWITCHBOARDS, SAFETY SWITCHES, AND MOTOR CONTROL CENTERS AS REQUIRED, REFERENCE SPECIFICATION SECTION 16195.

5 ELECTRICAL EQUIPMENT IDENTIFICATION

N.T.S.

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STATE OF TEXAS
TOMMY D. FENTER
83705
LICENSED PROFESSIONAL ENGINEER
June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 •PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 •Fax 903.753.7317
Email: TDA@T-DArchitects.com
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Engineering & Consulting
3608 West Way
Tyler, Texas 75703
phone: 903-581-2677 fax: 903-581-2721

KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE

Kilgore, Texas

FILE NAME:

PROJECT NUMBER: 0421

SHEET CONTENTS:

DETAILS

E
2.5

MAIN SWITCH BOARD: MSB

TVSS PER SPECS.

fed from: UTIL — *REFER TO RISER DIAGRAM FOR WIRE SIZE

SERVICE: 480Y/277 V, 3 PHASE, 4 W — MAIN: 800 A.M.C.B. — BRANCH AIC: 100,000 AMPS

LOAD: 552 AMPS — LOCATION: RM# 112 — MOUNTING: SURFACE

CKT	POLES	BREAKER	TYPE	WIRE	DESCRIPTION
1	3	400		*	PANEL DP
2	3	400		*	PANEL 2DP
3	3	250		*	PANEL DP2
4	3	400		*	SPACE
5	3	400		*	SPACE
6	3	250		*	SPACE

DISTRIBUTION PANEL: DP

fed from: MSB — *REFER TO RISER DIAGRAM FOR WIRE SIZE

SERVICE: 480Y/277 V, 3 PHASE, 4 W — MAIN: 400 A.M.C.B. — BRANCH AIC: 35,000 AMPS

LOAD: 142 AMPS — LOCATION: RM# 152 — MOUNTING: SURFACE

DESCRIPTION	POLE	AMP	WIRE	CIRC	CIRC	WIRE	AMP	POLE	DESCRIPTION
PANEL AH	3	100	*	1	2	*	125	3	SPARE
				3	4				
				5	6				
PANEL AL	3	175	*	7	8				
THRU TXL (112.5 KVA 150° C. Rise/K-1)				9	10				
USING 400 A DISCONNECT, 400 A FUSES				11	12				
SPACE	1	-	-	13	14	-	-	1	SPACE
SPACE	1	-	-	15	16	-	-	1	SPACE
SPACE	1	-	-	17	18	-	-	1	SPACE
SPACE	1	-	-	19	20	-	-	1	SPACE
SPACE	1	-	-	21	22	-	-	1	SPACE
SPACE	1	-	-	23	24	-	-	1	SPACE
SPACE	1	-	-	25	26	-	-	1	SPACE
SPACE	1	-	-	27	28	-	-	1	SPACE
SPACE	1	-	-	29	30	-	-	1	SPACE
SPACE	1	-	-	31	32	-	-	1	SPACE
SPACE	1	-	-	33	34	-	-	1	SPACE
SPACE	1	-	-	35	36	-	-	1	SPACE
SPACE	1	-	-	37	38	-	-	1	SPACE
SPACE	1	-	-	39	40	-	-	1	SPACE
SPACE	1	-	-	41	42	-	-	1	SPACE

PANELBOARD: H

fed from: DP — *REFER TO RISER DIAGRAM FOR WIRE SIZE

SERVICE: 480Y/277 V, 3 PHASE, 4 W — MAIN: 100 A.M.L.O. — BRANCH AIC: 25,000 AMPS

LOAD: 36 AMPS — LOCATION: RM# 152 — MOUNTING: SURFACE

DESCRIPTION	POLE	AMP	WIRE	CIRC	CIRC	WIRE	AMP	POLE	DESCRIPTION
LIGHTS - UNITS 1,2,3,4 LAUNDRY 153	1	20	12	1	2	12	20	1	LIGHTS - UNITS 17,18,19,20 RMS 151,152
LIGHTS - UNITS 5,6,7,8	1	20	12	3	4	12	20	1	CORRIDORS 127-129
LIGHTS - UNITS 9,10,11,12	1	20	12	5	6	12	20	1	LIGHTS - STAIRS 150, 154, 239-240, 234-235
LIGHTS - UNITS 13,14,15,16	1	20	12	7	8	12	20	1	EXTERIOR LIGHTS - THRU TIME CLOCK
SPARE	1	20	-	9	10	8	20	1	EXTERIOR WALKWAY FIX - THRU TIME CLOCK
SPARE	1	20	-	11	12	6	20	1	EXTERIOR WALKWAY FIX - THRU TIME CLOCK
SPARE	1	20	-	13	14	-	20	1	SPARE
SPARE	1	20	-	15	16	-	20	1	SPARE
SPACE	1	-	-	17	18	-	-	1	SPACE
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SPACE	1	-	-	21	22	-	-	1	SPACE
SPACE	1	-	-	23	24	-	-	1	SPACE
SPACE	1	-	-	25	26	-	-	1	SPACE
SPACE	1	-	-	27	28	-	-	1	SPACE
SPACE	1	-	-	29	30	-	-	1	SPACE

PANELBOARD: L

fed from: TXL — *REFER TO RISER DIAGRAM FOR WIRE SIZE

SERVICE: 120/208 V., 3 PHASE, 4 W. — MAIN: 400 A.M.C.B. — BRANCH AIC: 10,000 AMPS

LOAD: 246 AMPS — LOCATION: RM# 152 — MOUNTING: SURFACE

DESCRIPTION	POLE	AMP	WIRE	CIRC	CIRC	WIRE	AMP	POLE	DESCRIPTION
PANEL L2	3	225	*	1	2	*	225	3	PANEL L3
				3	4				
				5	6				
PANEL L4	3	225	*	7	8	*	100	3	SPARE
				9	10				
				11	12				
FC 130,131,132,133 - 15A FUSED DISC AT EACH	1	20	12	13	14	12	20	1	FIRE SAFETY CONTROL CIRCUIT
FC 134,135,153 - 15A FUSED DISC AT EACH	1	20	12	15	16	-	20	1	SPARE
FC 136,137,138,139 - 15A FUSED DISC AT EACH	1	20	12	17	18	-	20	1	SPARE
FC 140,141,142,143 - 15A FUSED DISC AT EACH	1	20	12	19	20	-	20	1	SPARE
FC 144,145,146,147 - 15A FUSED DISC AT EACH	1	20	12	21	22	-	-	1	SPACE
FC 148,149,152 - 15A FUSED DISC AT EACH	1	20	12	23	24	-	-	1	SPACE
SPACE	1	-	-	25	26	-	-	1	SPACE
SPACE	1	-	-	27	28	-	-	1	SPACE
SPACE	1	-	-	29	30	-	-	1	SPACE
SPACE	1	-	-	31	32	-	-	1	SPACE
SPACE	1	-	-	33	34	-	-	1	SPACE
SPACE	1	-	-	35	36	-	-	1	SPACE
SPACE	1	-	-	37	38	-	-	1	SPACE
SPACE	1	-	-	39	40	-	-	1	SPACE
SPACE	1	-	-	41	42	-	-	1	SPACE

PANELBOARD: L2

fed from: L — *REFER TO RISER DIAGRAM FOR WIRE SIZE

SERVICE: 120/208 V., 3 PHASE, 4 W. — MAIN: 150 A.M.C.B. — BRANCH AIC: 10,000 AMPS

LOAD: 85 AMPS — LOCATION: RM# 152 — MOUNTING: SURFACE

DESCRIPTION	POLE	AMP	WIRE	CIRC	CIRC	WIRE	AMP	POLE	DESCRIPTION
GP OUTLETS - UNIT 1 (PROVIDE ARC FAULT BKR)	1	20	10	1	2	10	20	1	GP OUTLETS - UNIT 5 (PROVIDE ARC FAULT BKR)
GP OUTLETS - UNIT 1, EF #130	1	20	10	3	4	10	20	1	GP OUTLETS - UNIT 5, EF #134
GP OUTLETS - UNIT 1	1	20	10	5	6	10	20	1	GP OUTLETS - UNIT 5
GP OUTLETS - UNIT 1	1	20	10	7	8	10	20	1	GP OUTLETS - UNIT 5
GP OUTLETS - UNIT 2 (PROVIDE ARC FAULT BKR)	1	20	10	9	10	10	20	1	GP OUTLETS - UNIT 6 (PROVIDE ARC FAULT BKR)
GP OUTLETS - UNIT 2, EF #131	1	20	10	11	12	10	20	1	GP OUTLETS - UNIT 6, EF #135
GP OUTLETS - UNIT 2	1	20	10	13	14	10	20	1	GP OUTLETS - UNIT 6
GP OUTLETS - UNIT 2	1	20	10	15	16	10	20	1	GP OUTLETS - UNIT 6
GP OUTLETS - UNIT 3 (PROVIDE ARC FAULT BKR)	1	20	10	17	18	10	20	1	GP OUTLETS - UNIT 9 (PROVIDE ARC FAULT BKR)
GP OUTLETS - UNIT 3, EF #132	1	20	10	19	20	10	20	1	GP OUTLETS - UNIT 9, EF #138
GP OUTLETS - UNIT 3	1	20	10	21	22	10	20	1	GP OUTLETS - UNIT 9
GP OUTLETS - UNIT 3	1	20	10	23	24	10	20	1	GP OUTLETS - UNIT 9
GP OUTLETS - UNIT 4 (PROVIDE ARC FAULT BKR)	1	20	10	25	26	10	20	1	GP OUTLETS - UNIT 10 (PROVIDE ARC FAULT BKR
GP OUTLETS - UNIT 4, EF #133	1	20	10	27	28	10	20	1	GP OUTLETS - UNIT 10, EF #139
GP OUTLETS - UNIT 4	1	20	10	29	30	10	20	1	GP OUTLETS - UNIT 10
GP OUTLETS - UNIT 4	1	20	10	31	32	10	20	1	GP OUTLETS - UNIT 10
SPARE	1	20	-	33	34	-	20	1	SPARE
SPARE	1	20	-	35	36	-	20	1	SPARE
SPARE	1	20	-	37	38	-	20	1	SPARE
SPACE	1	-	-	39	40	-	-	1	SPACE
SPACE	1	-	-	41	42	-	-	1	SPACE

PANELBOARD: L3

fed from: L — *REFER TO RISER DIAGRAM FOR WIRE SIZE

SERVICE: 120/208 V., 3 PHASE, 4 W. — MAIN: 150 A.M.C.B. — BRANCH AIC: 10,000 AMPS

LOAD: 85 AMPS — LOCATION: RM# 152 — MOUNTING: SURFACE

DESCRIPTION	POLE	AMP	WIRE	CIRC	CIRC	WIRE	AMP	POLE	DESCRIPTION
GP OUTLETS - UNIT 7 (PROVIDE ARC FAULT BKR)	1	20	10	1	2	12	20	1	GP OUTLETS - UNIT 13 (PROVIDE ARC FAULT BKR
GP OUTLETS - UNIT 7, EF #136	1	20	10	3	4	12	20	1	GP OUTLETS - UNIT 13, EF #142
GP OUTLETS - UNIT 7	1	20	10	5	6	12	20	1	GP OUTLETS - UNIT 13
GP OUTLETS - UNIT 7	1	20	10	7	8	12	20	1	GP OUTLETS - UNIT 13
GP OUTLETS - UNIT 8 (PROVIDE ARC FAULT BKR)	1	20	12	9	10	12	20	1	GP OUTLETS - UNIT 14 (PROVIDE ARC FAULT BKR
GP OUTLETS - UNIT 8, EF #137	1	20	12	11	12	12	20	1	GP OUTLETS - UNIT 14, EF #143
GP OUTLETS - UNIT 8	1	20	12	13	14	12	20	1	GP OUTLETS - UNIT 14
GP OUTLETS - UNIT 8	1	20	12	15	16	12	20	1	GP OUTLETS - UNIT 14
GP OUTLETS - UNIT 11 (PROVIDE ARC FAULT BKR	1	20	12	17	18	12	20	1	GP OUTLETS - UNIT 15 (PROVIDE ARC FAULT BKR
GP OUTLETS - UNIT 11, EF #140	1	20	12	19	20	12	20	1	GP OUTLETS - UNIT 15, EF #144
GP OUTLETS - UNIT 11	1	20	12	21	22	12	20	1	GP OUTLETS - UNIT 15
GP OUTLETS - UNIT 11	1	20	12	23	24	12	20	1	GP OUTLETS - UNIT 15
GP OUTLETS - UNIT 12 (PROVIDE ARC FAULT BKR	1	20	12	25	26	12	20	1	GP OUTLETS - UNIT 16 (PROVIDE ARC FAULT BKR
GP OUTLETS - UNIT 12, EF #141	1	20	12	27	28	12	20	1	GP OUTLETS - UNIT 16, EF #145
GP OUTLETS - UNIT 12	1	20	12	29	30	12	20	1	GP OUTLETS - UNIT 16
GP OUTLETS - UNIT 12	1	20	12	31	32	12	20	1	GP OUTLETS - UNIT 16
SPARE	1	20	-	33	34	-	20	1	SPARE
SPARE	1	20	-	35	36	-	20	1	SPARE
SPARE	1	20	-	37	38	-	20	1	SPARE
SPACE	1	-	-	39	40	-	-	1	SPACE
SPACE	1	-	-	41	42	-	-	1	SPACE

PANELBOARD: L4

fed from: L — *REFER TO RISER DIAGRAM FOR WIRE SIZE

SERVICE: 120/208 V., 3 PHASE, 4 W. — MAIN: 150 A.M.C.B. — BRANCH AIC: 10,000 AMPS

LOAD: 83 AMPS — LOCATION: RM# 152 — MOUNTING: SURFACE

DESCRIPTION	POLE	AMP	WIRE	CIRC	CIRC	WIRE	AMP	POLE	DESCRIPTION
GP OUTLETS - UNIT 17 (PROVIDE ARC FAULT BKR)	1	20	12	1	2	12	20	1	GP OUTLETS - CORRIDOR 128
GP OUTLETS - UNIT 17, EF #146	1	20	12	3	4	10	20	1	GP OUTLETS - CORRIDOR 127
GP OUTLETS - UNIT 17	1	20	12	5	6	10	20	1	GP OUTLETS - CORRIDOR 129
GP OUTLETS - UNIT 17	1	20	12	7	8	10	20	1	GP OUTLETS - LAUNDRY 153
GP OUTLETS - UNIT 18 (PROVIDE ARC FAULT BKR	1	20	12	9	10	10	20	1	GP OUTLETS - LAUNDRY 153
GP OUTLETS - UNIT 18, EF #147	1	20	12	11	12	10	20	1	GP OUTLETS - LAUNDRY 153
GP OUTLETS - UNIT 18	1	20	12	13	14	10	20	1	GP OUTLETS - LAUNDRY 153
GP OUTLETS - UNIT 18	1	20	12	15	16	10	20	1	GP OUTLETS - LAUNDRY 153
GP OUTLETS - UNIT 19 (PROVIDE ARC FAULT BKR	1	20	12	17	18	10	20	1	WASHING MACHINE - LAUNDRY 153
GP OUTLETS - UNIT 19, EF #148	1	20	12	19	20	10	20	1	WASHING MACHINE - LAUNDRY 153
GP OUTLETS - UNIT 19	1	20	12	21	22	8	30	2	CLOTHES DRYER - LAUNDRY 153
GP OUTLETS - UNIT 19	1	20	12	23	24				
GP OUTLETS - UNIT 20 (PROVIDE ARC FAULT BKR	1	20	12	25	26	8	30	2	CLOTHES DRYER - LAUNDRY 153
GP OUTLETS - UNIT 20, EF #149	1	20	12	27	28				
GP OUTLETS - UNIT 20	1	20	12	29	30	12	20	1	GP OUTLETS - ELEC 152, 151, EF #151
GP OUTLETS - UNIT 20	1	20	12	31	32	-	20	1	SPARE
SPARE	1	20	-	33	34	-	20	1	SPARE
SPARE	1	20	-	35	36	-	20	1	SPARE
SPARE	1	20	-	37	38	-	20	1	SPARE
SPACE	1	-	-	39	40	-	-	1	SPACE
SPACE	1	-	-	41	42	-	-	1	SPACE

DISTRIBUTION PANEL: DP2

fed from: MSB — *REFER TO RISER DIAGRAM FOR WIRE SIZE

SERVICE: 480Y/277 V, 3 PHASE, 4 W — MAIN: 250 A.M.L.O. — BRANCH AIC: 42,000 AMPS

LOAD: 128 AMPS — LOCATION: RM# 112 — MOUNTING: SURFACE

DESCRIPTION	POLE	AMP	WIRE	CIRC	CIRC	WIRE	AMP	POLE	DESCRIPTION
PANEL H2	3	100	*	1	2	6	40	3	ELEVATOR MOTOR
				3	4				
				5	6				
PANEL L5	3	125	*	7	8			1	SHUNT TRIP FOR ELEVATOR MOTOR BREAKER
THRU TXL5 (75 KVA 150° C. Rise/K-1)				9	10	10	20	3	BOOSTER PUMP - MECHANICAL ROOM
USING 400 A DISCONNECT, 250 A FUSES				11	12				
SPACE	1	-	-	13	14				
SPACE	1	-	-	15	16	10	20	3	BOOSTER PUMP - MECHANICAL ROOM
SPACE	1	-	-	17	18				
SPACE	1	-	-	19	20				
SPACE	1	-	-	21	22	-	-	1	SPACE
SPACE	1	-	-	23	24	-	-	1	SPACE
SPACE	1	-	-	25	26	-	-	1	SPACE
SPACE	1	-	-	27	28	-	-	1	SPACE
SPACE	1	-	-	29	30	-	-	1	SPACE
SPACE	1	-	-	31	32	-	-	1	SPACE
SPACE	1	-	-	33	34	-	-	1	SPACE
SPACE	1	-	-	35	36	-	-	1	SPACE
SPACE	1	-	-	37	38	-	-	1	SPACE
SPACE	1	-	-	39	40	-	-	1	SPACE
SPACE	1	-	-	41	42	-	-	1	SPACE

PANELBOARD: L5

fed from: TXL5 — *REFER TO RISER DIAGRAM FOR WIRE SIZE

SERVICE: 120/208 V., 3 PHASE, 4 W. — MAIN: 250 A.M.C.B. — BRANCH AIC: 10,000 AMPS

LOAD: 131 AMPS — LOCATION: RM# 112 — MOUNTING: SURFACE

DESCRIPTION	POLE	AMP	WIRE	CIRC	CIRC	WIRE	AMP	POLE	DESCRIPTION
GP OUTLETS - ENTRY 100	1	20	12	1	2	12	20	1	GP OUTLETS - MECHANICAL ROOM, EF #113-114
GP OUTLETS - DISPLAY AT ENTRY 100	1	20	12	3	4	12	20	1	CIRCULATION PUMP & BOILER
GP OUTLETS - RECEPTION 102	1	20	12	5	6	12	20	1	SUMP PUMP AT ELEVATOR
GP OUTLETS - RECEPTION 102	1	20	12	7	8	12	20	1	GFCI OUTLET IN ELEVATOR PIT
GP OUTLETS - OFFICE 103	1	20	12	9	10	12	20	1	ELEVATOR PIT LIGHT
ICE MAKER - KITCHEN/VENDING	1	20	12	11	12	12	20	1	ELEVATOR CAB LIGHTS
GP OUTLETS - KITCHEN/VENDING	1	20	12	13	14	12	20	1	GP OUTLETS - CORRIDOR 120, 124, EF #123A
RANGE - KITCHEN/VENDING	2	30	8	15	16	12	20	1	GP OUTLETS - WIRING 125, EF #125
				17	18	12	20	1	GP OUTLETS - WIRING 125
SHUNT TRIP BKR FOR RANGE BY SWITCH IN 103	1	-	-	19	20	12	20	1	GP OUTLETS - WIRING 125
REFRIGERATOR - KITCHEN/VENDING	1	20	12	21	22	12	20	1	BOOSTER PUMP CONTROLS - MECH ROOM
VENDING MACHINE - KITCHEN/VENDING	1	20	12	23	24	12	20	1	FC #123A
VENDING MACHINE - KITCHEN/VENDING	1	20	12	25	26	-	20	1	SPARE
EWCS - CORRIDOR 116	1	20	12	27	28	-	20	1	SPARE
MICROWAVE ABOVE RANGE - KITCHEN/VENDING	1	20	12	29	30	-	20	1	SPARE
SPARE	1	20	-	31	32	-	20	1	SPARE
SPACE	1	-	-	33	34	-	-	1	SPACE
SPACE	1	-	-	35	36	-	-	1	SPACE
PANEL L7	3	100	*	37	38	*	100	3	PANEL L6
				39	40				
				41	42				

PANELBOARD: H2

fed from: DP2 — *REFER TO RISER DIAGRAM FOR WIRE SIZE

SERVICE: 480Y/277 V, 3 PHASE, 4 W — MAIN: 100 A.M.L.O. — BRANCH AIC: 35,000 AMPS

LOAD: 37 AMPS — LOCATION: RM# 112 — MOUNTING: SURFACE

DESCRIPTION	POLE	AMP	WIRE	CIRC	CIRC	WIRE	AMP	POLE	DESCRIPTION
LIGHTS - 101, 116-119	1	20	12	1	2	12	20	1	EXTERIOR CAN LIGHTS THRU TIME CLOCK
LIGHTS - 100-103, 115, 112, 123-125A	1	20	12	3	4	12	20	1	EXTERIOR WALL SCONCES THRU TIME CLOCK
LIGHTS - CORRIDOR 120, 122, 207	1	20	12	5	6	-	20	1	SPARE
SPARE	1	20	-	7	8	-	20	1	SPARE
SPARE	1	20	-	9	10	-	20	1	SPARE
SPACE	1	-	-	11	12	-	-	1	SPACE
SPACE	1	-	-	13	14	-	-	1	SPACE
SPACE	1	-	-	15	16	-	-	1	SPACE
SPACE	1	-	-	17	18	-	-	1	SPACE
SPACE	1	-	-	19	20	-	-	1	SPACE
SPACE	1	-	-	21	22	-	-	1	SPACE
SPACE	1	-	-	23	24	-	-	1	SPACE
SPACE	1	-	-	25	26	-	-	1	SPACE
SPACE	1	-	-	27	28	-	-	1	SPACE
SPACE	1	-	-	29	30	-	-	1	SPACE

PANELBOARD: L6

fed from: L5 — *REFER TO RISER DIAGRAM FOR WIRE SIZE

SERVICE: 120/208 V., 3 PHASE, 4 W. — MAIN: 100 A.M.C.B. — BRANCH AIC: 10,000 AMPS

LOAD: 44 AMPS — LOCATION: RM# 105 — MOUNTING: SURFACE

DESCRIPTION	POLE	AMP	WIRE	CIRC	CIRC	WIRE	AMP	POLE	DESCRIPTION
GP OUTLETS - KITCHEN 107	1	20	12	1	2	12	20	1	GP OUT - BEDRM 110 (PROVIDE ARC FAU.T BKR)
GP OUTLETS - KITCHEN 107	1	20	12	3	4	12	20	1	GP OUTLET, LIGHT AND EX FAN - BATH 108
REFRIGERATOR - KITCHEN 107	1	20	12	5	6	12	20	1	WASHING MACHINE
DISHWASHER - KITCHEN 107	1	20	12	7	8	8	30	2	CLOTHES DRYER
RANGE - KITCHEN 107	2	40	6	9	10				
VERIFY REQUIREMENTS BEFORE INSTALLATION				11	12	12	20	1	GP OUTLETS - EXTERIOR
MICROWAVE OVEN - KITCHEN 107	1	20	12	13	14	12	20	1	LIGHTS - LIVING/DINING, KITCHEN
GP OUTLETS - LIVING/DINING 104	1	20	12	15	16	12	20	1	LIGHTS - KITCHEN, CORRIDOR
SPARE	1	20	-	17	18	12	20	1	LIGHTS - BEDROOM, BATH
SPARE	1	20	-	19	20	-	20	1	SPARE
SPARE	1	20	-	21	22	-	20	1	SPARE
SPACE	1	-	-	23	24	-	-	1	SPACE
SPACE	1	-	-	25	26	-	-	1	SPACE
SPACE	1	-	-	27	28	-	-	1	SPACE
SPACE	1	-	-	29	30	-	-	1	SPACE

PANELBOARD: L7

fed from: L5 — *REFER TO RISER DIAGRAM FOR WIRE SIZE

SERVICE: 120/208 V., 3 PHASE, 4 W. — MAIN: 100 A.M.L.O. — BRANCH AIC: 10,000 AMPS

LOAD: 61 AMPS — LOCATION: RM# 112 — MOUNTING: SURFACE

DESCRIPTION	POLE	AMP	WIRE	CIRC	CIRC	WIRE	AMP	POLE	DESCRIPTION
GP OUTLETS - RANGERETTE SEATING	1	20	12	1	2	10	20	1	CEILING FANS - PATIO
FLOOR BOX - RANGERETTE SEATING	1	20	12	3	4	10	20	1	CEILING FANS - PATIO
FLOOR BOX - RANGERETTE SEATING	1	20	12	5	6	10	20	1	CEILING FANS - PATIO
FLOOR BOX - RANGERETTE SEATING	1	20	12	7	8	10	20	1	CEILING FANS - PATIO
FLOOR BOX - RANGERETTE SEATING	1	20	12	9	10	10	20	1	GFCI GP OUTLETS - OUTDOOR COOKING AREA
GP OUTLETS - RANGERETTE SEATING	1	20	10	11	12	12	20	1	GP OUTLETS - PATIO
GP OUTLETS - RANGERETTE SEATING	1	20	12	13	14	12	20	1	GP OUTLETS - PATIO
FIREPLACE - SEATING (CONTROL FROM OFFICE)	1	20	12	15	16	12	20	1	GP OUTLETS - STUDY 117
GP OUTLETS - EXTERIOR STORAGE 101	1	20	10	17	18	12	20	1	LIGHTS - BATHROOMS 113-114
TVSS OUTLET FOR PLASMA SCREEN - 118	1	20	12	19	20	10	20	1	GP OUTLETS - STORAGE 204
FIRE ALARM CONTROL PANEL	1	20	12	21	22	10	20	1	GP OUTLETS - STORAGE 204
GP OUTLETS - WIRING 209	1	20	10	23	24	10	20	1	GP OUTLETS - MEETING RM 202
GP OUTLETS - WIRING 209	1	20	10	25	26	10	20	1	GP OUTLETS - MEETING RM 202
GP OUTLETS - WIRING 209, EF #209	1	20	10	27	28	10	20	1	FLOOR BOX - MEETING RM 202
GP OUTLETS - STOR 208, 205, 204	1	20	10	29	30	10	20	1	FLOOR BOX - MEETING RM 202
GP OUTLETS - CORRIDOR 206	1	20	10	31	32	10	20	1	TVSS OUTLET FOR PLASMA SCREEN - 202
SPACE	1	-	-	33	34	-	-	1	SPACE
SPACE	1	-	-	35	36	-	-	1	SPACE
SPACE	1	-	-	37	38	-	-	1	SPACE
SPACE	1	-	-	39	40	-	-	1	SPACE
SPACE	1	-	-	41	42	-	-	1	SPACE

SUBMISSION OF BID WILL BE CONSIDERED ACKNOWLEDGMENT THAT THE CONTRACTOR HAS VISITED THE SITE AND HAS VERIFIED ALL EXISTING JOB CONDITIONS AND INCLUDED ANY NECESSARY MODIFICATION TO EXISTING AND NEW WORK REQUIRED FOR INSTALLATION OF A COMPLETE AND WORKING SYSTEM.

STATE OF TEXAS — TOMMY B. FENTER — 83256 — REGISTERED — PROFESSIONAL ENGINEER

June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 Fax 903.753.7317
Email: TDA@T-DArchitects.com
www.T-DArchitects.com

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3608 West Way
Tyler, Texas 75703
phone: 903-581-2677 fax: 903-581-2721

KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE

Kilgore, Texas

FILE NAME:

PROJECT NUMBER: 0421

SHEET CONTENTS:

PANELBOARDS

E
2.6

DISTRIBUTION PANEL: 2DP

fed from: MSB — *REFER TO RISER DIAGRAM FOR WIRE SIZE

SERVICE: 480Y/277 V, 3 PHASE, 4 W — MAIN: 400 A.M.L.O. — BRANCH AIC: 22,000 AMPS

LOAD: 145 AMPS — LOCATION: RM# 237 — MOUNTING: SURFACE

DESCRIPTION	POLE	AMP	WIRE	CIRC	CIRC	WIRE	AMP	POLE	DESCRIPTION
PANEL 2H	3	100	*	1	2	*	225	3	SPARE
				3	4				
				5	6				
PANEL 2L	3	175	*	7	8	12	20	3	AH #1,2,3,4 - 15A FUSED DISC AT EACH
THRU TX2L (112.5 KVA 150° C. Rise/K-1)				9	10				
USING 400 A DISCONNECT, 400 A FUSES				11	12				
SPACE	1	-	-	13	14	-	-	1	SPACE
SPACE	1	-	-	15	16	-	-	1	SPACE
SPACE	1	-	-	17	18	-	-	1	SPACE
SPACE	1	-	-	19	20	-	-	1	SPACE
SPACE	1	-	-	21	22	-	-	1	SPACE
SPACE	1	-	-	23	24	-	-	1	SPACE
SPACE	1	-	-	25	26	-	-	1	SPACE
SPACE	1	-	-	27	28	-	-	1	SPACE
SPACE	1	-	-	29	30	-	-	1	SPACE
SPACE	1	-	-	31	32	-	-	1	SPACE
SPACE	1	-	-	33	34	-	-	1	SPACE
SPACE	1	-	-	35	36	-	-	1	SPACE
SPACE	1	-	-	37	38	-	-	1	SPACE
SPACE	1	-	-	39	40	-	-	1	SPACE
SPACE	1	-	-	41	42	-	-	1	SPACE

PANELBOARD: 2H

fed from: 2DP — *REFER TO RISER DIAGRAM FOR WIRE SIZE

SERVICE: 480Y/277 V, 3 PHASE, 4 W — MAIN: 100 A.M.L.O. — BRANCH AIC: 22,000 AMPS

LOAD: 39 AMPS — LOCATION: RM# 237 — MOUNTING: SURFACE

DESCRIPTION	POLE	AMP	WIRE	CIRC	CIRC	WIRE	AMP	POLE	DESCRIPTION
LIGHTS - UNITS 21,22,23,24, RM 153	1	20	12	1	2	12	20	1	LIGHTS - UNITS 37,38,39,40, RM 236-237
LIGHTS - UNITS 25,26,27,28	1	20	12	3	4	12	20	1	LIGHTS - CORRIDOR 211, 212, 213
LIGHTS - UNITS 29,30,31,32	1	20	12	5	6	12	20	1	LIGHTS - CORRIDOR 206, 205, 204, 202
LIGHTS - UNITS 33,34,35,36	1	20	12	7	8	-	20	1	SPARE
SPARE	1	20	-	9	10	-	20	1	SPARE
SPARE	1	20	-	11	12	-	20	1	SPARE
SPACE	1	-	-	13	14	-	-	1	SPACE
SPACE	1	-	-	15	16	-	-	1	SPACE
SPACE	1	-	-	17	18	-	-	1	SPACE
SPACE	1	-	-	19	20	-	-	1	SPACE
SPACE	1	-	-	21	22	-	-	1	SPACE
SPACE	1	-	-	23	24	-	-	1	SPACE
SPACE	1	-	-	25	26	-	-	1	SPACE
SPACE	1	-	-	27	28	-	-	1	SPACE
SPACE	1	-	-	29	30	-	-	1	SPACE

PANELBOARD: 2L

fed from: TX2L — *REFER TO RISER DIAGRAM FOR WIRE SIZE

SERVICE: 120/208 V., 3 PHASE, 4 W. — MAIN: 400 A.M.C.B. — BRANCH AIC: 10,000 AMPS

LOAD: 246 AMPS — LOCATION: RM# 237 — MOUNTING: SURFACE

DESCRIPTION	POLE	AMP	WIRE	CIRC	CIRC	WIRE	AMP	POLE	DESCRIPTION
PANEL 2L2	3	225	*	1	2	*	225	3	PANEL 2L3
				3	4				
				5	6				
PANEL 2L4	3	225	*	7	8	*	100	3	SPARE
				9	10				
				11	12				
FC 214,215,216,217 - 15A FUSED DISC AT EACH	1	20	10	13	14	12	20	1	FIRE SAFETY CONTROL CIRCUIT
FC 220,221,238 - 15A FUSED DISC AT EACH	1	20	10	15	16	12	20	1	OUTSIDE AIR UNIT 1 - 15A FUSED DISC
FC 218,219,222,223 - 15A FUSED DISC AT EACH	1	20	12	17	18	12	20	1	OUTSIDE AIR UNIT 2 - 15A FUSED DISC
FC 226,227,228,229 - 15A FUSED DISC AT EACH	1	20	12	19	20	12	20	1	FC 208 - 15A FUSED DISC
FC 230,231,232,233 - 15A FUSED DISC AT EACH	1	20	12	21	22	-	-	1	SPACE
FC 224,225,237 - 15A FUSED DISC AT EACH	1	20	12	23	24	-	-	1	SPACE
FC #235 - 15A FUSED DISC	1	20	12	25	26	-	-	1	SPACE
SPACE	1	-	-	27	28	-	-	1	SPACE
SPACE	1	-	-	29	30	-	-	1	SPACE
SPARE	1	20	-	31	32	-	20	1	SPARE
SPARE	1	20	-	33	34	-	20	1	SPARE
SPARE	1	20	-	35	36	-	20	1	SPARE
SPACE	1	-	-	37	38	-	-	1	SPACE
SPACE	1	-	-	39	40	-	-	1	SPACE
SPACE	1	-	-	41	42	-	-	1	SPACE

PANELBOARD: 2L2

fed from: 2L — *REFER TO RISER DIAGRAM FOR WIRE SIZE

SERVICE: 120/208 V., 3 PHASE, 4 W. — MAIN: 150 A.M.C.B. — BRANCH AIC: 10,000 AMPS

LOAD: 82 AMPS — LOCATION: RM# 237 — MOUNTING: SURFACE

DESCRIPTION	POLE	AMP	WIRE	CIRC	CIRC	WIRE	AMP	POLE	DESCRIPTION
GP OUTLETS - UNIT 21 (PROVIDE ARC FAULT BKR	1	20	10	1	2	12	20	1	GP OUTLETS - UNIT 25 (PROVIDE ARC FAULT BKR
GP OUTLETS - UNIT 21, EF #214	1	20	10	3	4	12	20	1	GP OUTLETS - UNIT 25, EF #218
GP OUTLETS - UNIT 21	1	20	10	5	6	12	20	1	GP OUTLETS - UNIT 25
GP OUTLETS - UNIT 21	1	20	10	7	8	12	20	1	GP OUTLETS - UNIT 25
GP OUTLETS - UNIT 22 (PROVIDE ARC FAULT BKR	1	20	10	9	10	12	20	1	GP OUTLETS - UNIT 26 (PROVIDE ARC FAULT BKR
GP OUTLETS - UNIT 22, EF #215	1	20	10	11	12	12	20	1	GP OUTLETS - UNIT 26, EF #219
GP OUTLETS - UNIT 22	1	20	10	13	14	12	20	1	GP OUTLETS - UNIT 26
GP OUTLETS - UNIT 22	1	20	10	15	16	12	20	1	GP OUTLETS - UNIT 26
GP OUTLETS - UNIT 23 (PROVIDE ARC FAULT BKR	1	20	10	17	18	12	20	1	GP OUTLETS - UNIT 29 (PROVIDE ARC FAULT BKR
GP OUTLETS - UNIT 23, EF #216	1	20	10	19	20	12	20	1	GP OUTLETS - UNIT 29, EF #222
GP OUTLETS - UNIT 23	1	20	10	21	22	12	20	1	GP OUTLETS - UNIT 29
GP OUTLETS - UNIT 23	1	20	10	23	24	12	20	1	GP OUTLETS - UNIT 29
GP OUTLETS - UNIT 24 (PROVIDE ARC FAULT BKR	1	20	10	25	26	12	20	1	GP OUTLETS - UNIT 30 (PROVIDE ARC FAULT BKR
GP OUTLETS - UNIT 24, EF #217	1	20	10	27	28	12	20	1	GP OUTLETS - UNIT 30, EF #223
GP OUTLETS - UNIT 24	1	20	10	29	30	12	20	1	GP OUTLETS - UNIT 30
GP OUTLETS - UNIT 24	1	20	10	31	32	12	20	1	GP OUTLETS - UNIT 30
SPARE	1	20	-	33	34	-	20	1	SPARE
SPARE	1	20	-	35	36	-	20	1	SPARE
SPARE	1	20	-	37	38	-	20	1	SPARE
SPACE	1	-	-	39	40	-	-	1	SPACE
SPACE	1	-	-	41	42	-	-	1	SPACE

PANELBOARD: 2L3

fed from: 2L — *REFER TO RISER DIAGRAM FOR WIRE SIZE

SERVICE: 120/208 V., 3 PHASE, 4 W. — MAIN: 150 A.M.C.B. — BRANCH AIC: 10,000 AMPS

LOAD: 82 AMPS — LOCATION: RM# 237 — MOUNTING: SURFACE

DESCRIPTION	POLE	AMP	WIRE	CIRC	CIRC	WIRE	AMP	POLE	DESCRIPTION
GP OUTLETS - UNIT 27 (PROVIDE ARC FAULT BKR	1	20	10	1	2	12	20	1	GP OUTLETS - UNIT 33 (PROVIDE ARC FAULT BKR
GP OUTLETS - UNIT 27, EF #220	1	20	10	3	4	12	20	1	GP OUTLETS - UNIT 33, EF #226
GP OUTLETS - UNIT 27	1	20	10	5	6	12	20	1	GP OUTLETS - UNIT 33
GP OUTLETS - UNIT 27	1	20	10	7	8	12	20	1	GP OUTLETS - UNIT 33
GP OUTLETS - UNIT 28 (PROVIDE ARC FAULT BKR	1	20	12	9	10	12	20	1	GP OUTLETS - UNIT 34 (PROVIDE ARC FAULT BKR
GP OUTLETS - UNIT 28, EF #221	1	20	12	11	12	12	20	1	GP OUTLETS - UNIT 34, EF #227
GP OUTLETS - UNIT 28	1	20	12	13	14	12	20	1	GP OUTLETS - UNIT 34
GP OUTLETS - UNIT 28	1	20	12	15	16	12	20	1	GP OUTLETS - UNIT 34
GP OUTLETS - UNIT 31 (PROVIDE ARC FAULT BKR	1	20	12	17	18	12	20	1	GP OUTLETS - UNIT 35 (PROVIDE ARC FAULT BKR
GP OUTLETS - UNIT 31, EF #224	1	20	12	19	20	12	20	1	GP OUTLETS - UNIT 35, EF #228
GP OUTLETS - UNIT 31	1	20	12	21	22	12	20	1	GP OUTLETS - UNIT 35
GP OUTLETS - UNIT 31	1	20	12	23	24	12	20	1	GP OUTLETS - UNIT 35
GP OUTLETS - UNIT 32 (PROVIDE ARC FAULT BKR	1	20	12	25	26	12	20	1	GP OUTLETS - UNIT 36 (PROVIDE ARC FAULT BKR
GP OUTLETS - UNIT 32, EF #225	1	20	12	27	28	12	20	1	GP OUTLETS - UNIT 36, EF #229
GP OUTLETS - UNIT 32	1	20	12	29	30	12	20	1	GP OUTLETS - UNIT 36
GP OUTLETS - UNIT 32	1	20	12	31	32	12	20	1	GP OUTLETS - UNIT 36
SPARE	1	20	-	33	34	-	20	1	SPARE
SPARE	1	20	-	35	36	-	20	1	SPARE
SPARE	1	20	-	37	38	-	20	1	SPARE
SPACE	1	-	-	39	40	-	-	1	SPACE
SPACE	1	-	-	41	42	-	-	1	SPACE

PANELBOARD: 2L4

fed from: 2L — *REFER TO RISER DIAGRAM FOR WIRE SIZE

SERVICE: 120/208 V., 3 PHASE, 4 W. — MAIN: 150 A.M.C.B. — BRANCH AIC: 10,000 AMPS

LOAD: 85 AMPS — LOCATION: RM# 237 — MOUNTING: SURFACE

DESCRIPTION	POLE	AMP	WIRE	CIRC	CIRC	WIRE	AMP	POLE	DESCRIPTION
GP OUTLETS - UNIT 37 (PROVIDE ARC FAULT BKR	1	20	12	1	2	12	20	1	GP OUTLETS - CORRIDOR 212, 235 EF #235
GP OUTLETS - UNIT 37, EF #230	1	20	12	3	4	10	20	1	GP OUTLETS - CORRIDOR 211
GP OUTLETS - UNIT 37	1	20	12	5	6	10	20	1	GP OUTLETS - CORRIDOR 213
GP OUTLETS - UNIT 37	1	20	12	7	8	10	20	1	GP OUTLETS - LAUNDRY 153
GP OUTLETS - UNIT 38 (PROVIDE ARC FAULT BKR	1	20	12	9	10	10	20	1	GP OUTLETS - LAUNDRY 153
GP OUTLETS - UNIT 38, EF #231	1	20	12	11	12	10	20	1	GP OUTLETS - LAUNDRY 153
GP OUTLETS - UNIT 38	1	20	12	13	14	10	20	1	GP OUTLETS - LAUNDRY 153
GP OUTLETS - UNIT 38	1	20	12	15	16	10	20	1	GP OUTLETS - LAUNDRY 153
GP OUTLETS - UNIT 39 (PROVIDE ARC FAULT BKR	1	20	12	17	18	10	20	1	WASHING MACHINE - LAUNDRY 153
GP OUTLETS - UNIT 39, EF #232	1	20	12	19	20	10	20	1	WASHING MACHINE - LAUNDRY 153
GP OUTLETS - UNIT 39	1	20	12	21	22	8	30	2	CLOTHES DRYER - LAUNDRY 153
GP OUTLETS - UNIT 39	1	20	12	23	24				
GP OUTLETS - UNIT 40 (PROVIDE ARC FAULT BKR	1	20	12	25	26	8	30	2	CLOTHES DRYER - LAUNDRY 153
GP OUTLETS - UNIT 40, EF #233	1	20	12	27	28				
GP OUTLETS - UNIT 40	1	20	12	29	30	12	20	1	GP OUTLETS - ELEC 152, 151, EF #236
GP OUTLETS - UNIT 40	1	20	12	31	32	10	20	1	TANNING BED
SPARE	1	20	-	33	34	-	20	1	SPARE
SPARE	1	20	-	35	36	-	20	1	SPARE
SPARE	1	20	-	37	38	-	20	1	SPARE
SPACE	1	-	-	39	40	-	-	1	SPACE
SPACE	1	-	-	41	42	-	-	1	SPACE

CENTRAL PLANT

MAIN SWITCH BOARD: MSB

TVSS PER SPECS.

fed from: UTIL — *REFER TO RISER DIAGRAM FOR WIRE SIZE

SERVICE: 480Y/277 V, 3 PHASE, 4 W — MAIN: 2000 A.M.L.O. — BRANCH AIC: 100,000 AMPS

LOAD: 1,533 AMPS — LOCATION: RM# CP101 — MOUNTING: SURFACE

CKT	POLES	BREAKER	TYPE	WIRE	DESCRIPTION
1	3	250		*	PANEL CH
2	3	350		500	CHILLER - 400A DISC WITH 350A FUSES
3	3	350		500	CHILLER - 400A DISC WITH 350A FUSES
4	3	350		500	FUTURE CHILLER - 400A DISC WITH 350A FUSES
5	3	350		500	FUTURE CHILLER - 400A DISC WITH 350A FUSES
6	3	400			SPARE

CENTRAL PLANT

PANELBOARD: CH

fed from: MSB2 — *REFER TO RISER DIAGRAM FOR WIRE SIZE

SERVICE: 480Y/277 V, 3 PHASE, 4 W — MAIN: 250 A.M.L.O. — BRANCH AIC: 35,000 AMPS

LOAD: 142 AMPS — LOCATION: RM# CP101 — MOUNTING: SURFACE

DESCRIPTION	POLE	AMP	WIRE	CIRC	CIRC	WIRE	AMP	POLE	DESCRIPTION
SECONDARY HOT WATER PUMP	3	30	10	1	2	8	40	3	SECONDARY CHILLED WATER PUMP
				3	4				
				5	6				
SECONDARY HOT WATER PUMP	3	30	10	7	8	8	40	3	SECONDARY CHILLED WATER PUMP
				9	10				
				11	12				
SPARE	1	20	-	13	14	12	20	1	LIGHTS - CENTRAL PLANT
SPARE	1	20	-	15	16	12	20	1	EXTERIOR LIGHTS - THRU TIME CLOCK
SPARE	1	20	-	17	18	-	20	1	SPARE
SPARE	1	20	-	19	20	-	20	1	SPARE
SPACE	1	-	-	21	22	-	-	1	SPACE
SPACE	1	-	-	23	24	-	-	1	SPACE
SPACE	1	-	-	25	26	-	-	1	SPACE
SPACE	1	-	-	27	28	-	-	1	SPACE
SPACE	1	-	-	29	30	-	-	1	SPACE
SPACE	1	-	-	31	32	-	-	1	SPACE
SPACE	1	-	-	33	34	-	-	1	SPACE
SPACE	1	-	-	35	36	-	-	1	SPACE
SPACE	1	-	-	37	38	-	-	1	SPACE
SPACE	1	-	-	39	40	-	-	1	SPACE
SPACE	1	-	-	41	42	-	-	1	SPACE
PANEL L	3	70	*	37	38	-	-	1	SPACE
THRU TXCL (45 KVA 150° C. Rise/K-1)				39	40	-	-	1	SPACE
USING 200 A DISCONNECT, 175 A FUSES				41	42	-	-	1	SPACE

CENTRAL PLANT

PANELBOARD: CL

fed from: TXCL — *REFER TO RISER DIAGRAM FOR WIRE SIZE

SERVICE: 120/208 V., 3 PHASE, 4 W. — MAIN: 175 A.M.C.B. — BRANCH AIC: 10,000 AMPS

LOAD: 71 AMPS — LOCATION: RM# CP101 — MOUNTING: SURFACE

DESCRIPTION	POLE	AMP	WIRE	CIRC	CIRC	WIRE	AMP	POLE	DESCRIPTION
FUTURE BOILER CONTROLS	1	20	10	1	2	12	20	1	PRIMARY HOT WATER PUMP
FUTURE BOILER CONTROLS	1	20	10	3	4	12	20	1	PRIMARY HOT WATER PUMP
BOILER CONTROLS	1	20	10	5	6	12	20	2	FUTURE PRIMARY CHILLER PUMP
BOILER CONTROLS	1	20	10	7	8				
FAN COIL FC #CP-103	1	20	12	9	10	12	20	2	FUTURE PRIMARY CHILLER PUMP
GP OUTLETS - MECHANICAL	1	20	12	11	12				
GP OUTLETS - ELEC, STOR, WIRING	1	20	12	13	14	12	20	2	PRIMARY CHILLER PUMP
GP OUTLETS - WIRING	1	20	12	15	16				
GP OUTLETS - WIRING	1	20	12	17	18	12	20	2	PRIMARY CHILLER PUMP
GAS UNIT HEATERS UH #CP100-A & CP100-B	1	20	12	19	20				
SPARE	1	20	-	21	22	12	20	1	FUTURE PRIMARY HOT WATER PUMP
SPARE	1	20	-	23	24	12	20	1	FUTURE PRIMARY HOT WATER PUMP
SPACE	1	-	-	25	26	-	20	1	SPARE
SPACE	1	-	-	27	28	-	20	1	SPARE
SPACE	1	-	-	29	30	-	20	1	SPARE
SPACE	1	-	-	31	32	-	-	1	SPACE
SPACE	1	-	-	33	34	-	-	1	SPACE
SPACE	1	-	-	35	36	-	-	1	SPACE
SPACE	1	-	-	37	38	-	-	1	SPACE
SPACE	1	-	-	39	40	-	-	1	SPACE
SPACE	1	-	-	41	42	-	-	1	SPACE

GENERAL RISER NOTES:

1. WHEREVER THE LENGTH OF THE SECONDARY CONDUCTORS OF ANY TRANSFORMER EXCEEDS TEN FEET, AN ENCLOSED CIRCUIT BREAKER OR FUSED DISCONNECT IS REQUIRED TO BE PROVIDED WITHIN TEN FEET OF THE TRANSFORMER SECONDARY TERMINALS IN ACCORDANCE WITH NEC ARTICLE 240-21(C)(2). THIS OVERCURRENT DEVICE SHALL HAVE AN AMP RATING EQUAL TO THE AMP RATING OF THE PANEL BEING SERVED. IF THIS OCCURS AND THE PANEL IS IN THE SAME ROOM, THE PANEL BEING FED MAY BE CHANGED TO MAIN LUG ONLY.

ELECTRICAL RISER NOTES: (SOME NOTES MAY NOT BE USED)

(100) 4-#1, 1-#8 GRN, 1 1/2"C.

(225) 4-#4/0, 1-#4 GRN, 2 1/2"C.

(250) 4-#250, 1-#4 GRN, 2 1/2"C.

(600) 2-3"C. WITH 4-#350 MCM, 1-#1 GRN IN EACH

(1000) 4-2 1/2"C. WITH 4-#250 MCM, 1-#2/0 GRN IN EACH

PRIMARY SIDE OF XFMR [480 VOLT]

(75P) 3-#1/0, 1-#6 GRN, 1 1/2"C.

(112P) 3-#2/0, 1-#6 GRN, 1 1/2"C.

SECONDARY SIDE OF XFMR [208] & OTHER

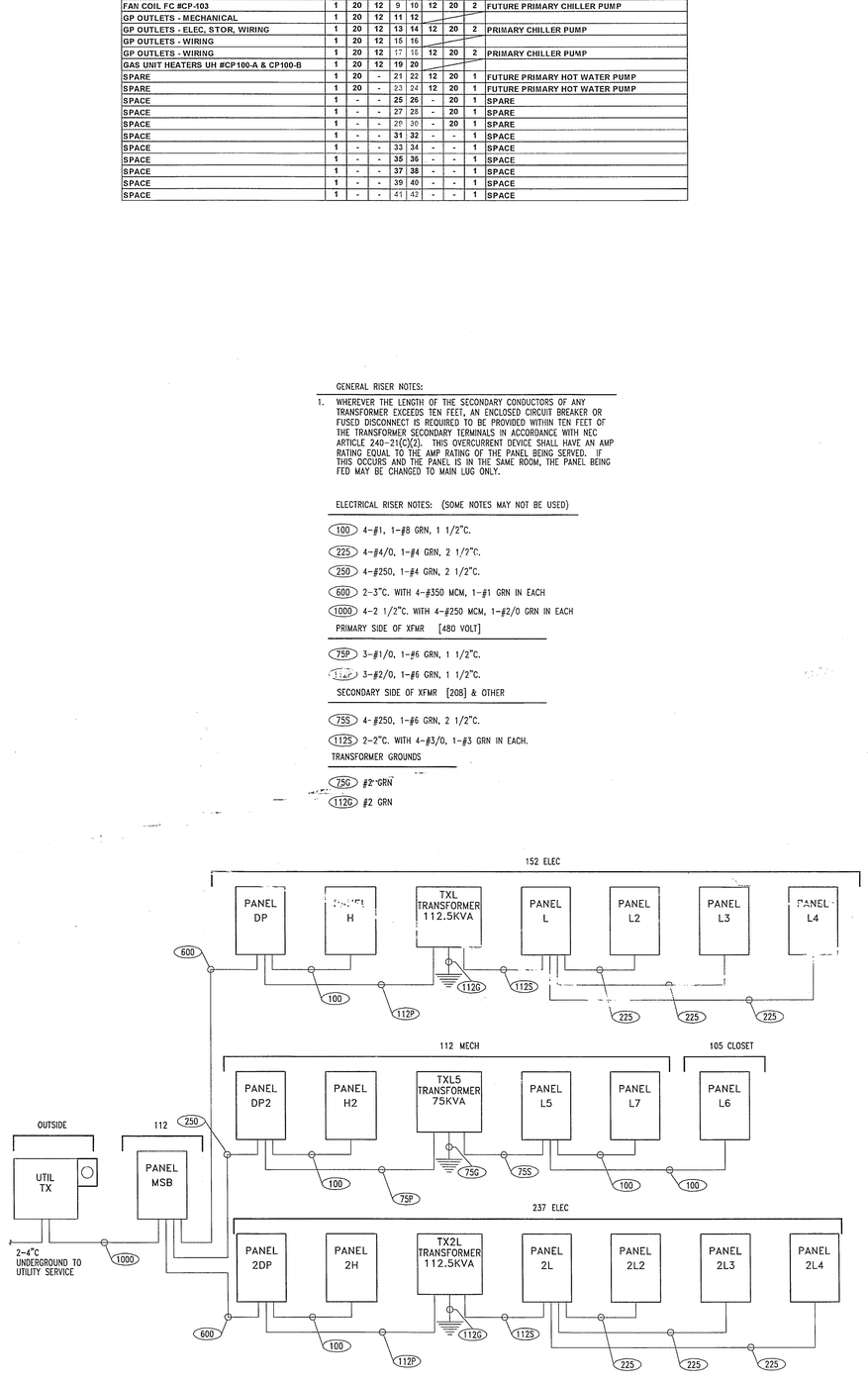
(75S) 4-#250, 1-#6 GRN, 2 1/2"C.

(112S) 2-2"C. WITH 4-#3/0, 1-#3 GRN IN EACH.

TRANSFORMER GROUNDS

(75G) #2 GRN

(112G) #2 GRN



SUBMISSION OF BID WILL BE CONSIDERED ACKNOWLEDGMENT THAT THE CONTRACTOR HAS VISITED THE SITE AND HAS VERIFIED ALL EXISTING JOB CONDITIONS AND INCLUDED ANY NECESSARY MODIFICATION TO EXISTING AND NEW WORK REQUIRED FOR INSTALLATION OF A COMPLETE AND WORKING SYSTEM.

STATE OF TEXAS — Registered Public Engineer — TOMMY D. TENTER — 83256 — PROFESSIONAL ENGINEER

June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 *P.O. Box 2723
Longview, Texas 75606-2723
Phone 903-236-3771 *Fax 903-753-7317
Email T D A @ T D Architects . com
www.T-DArchitects.com

MEP ENGINEER

EMA
www.estesmcclure.com
Estes, McClure & Associates, Inc.
Engineering & Consulting
3608 West Way
Tyler, Texas 75703
phone: 903-581-2677 fax: 903-581-2721

KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE

Kilgore, Texas

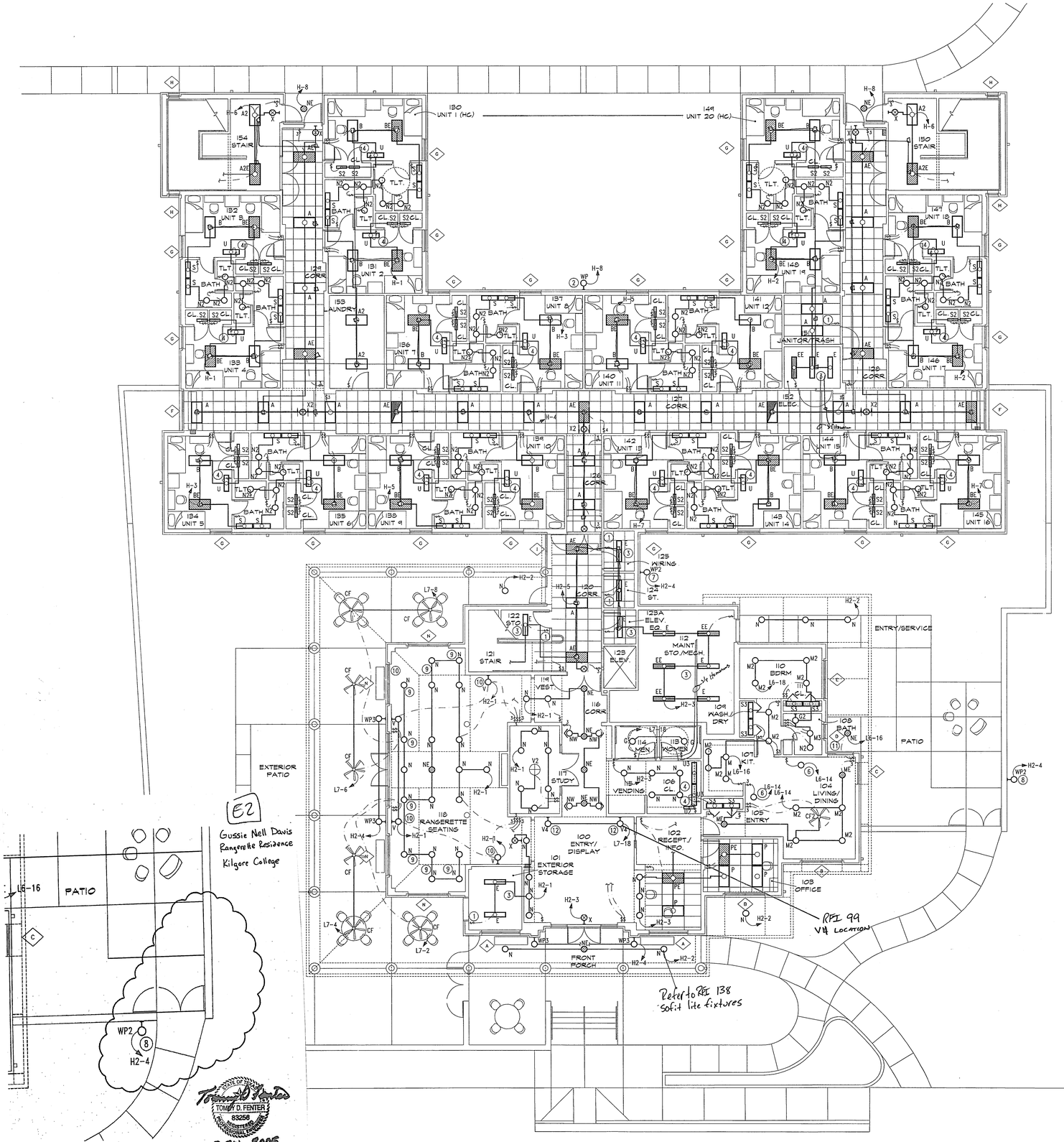
FILE NAME:

PROJECT NUMBER: 0421

SHEET CONTENTS:

PANELBOARDS AND RISER

E
2.7



LIGHTING
FLOOR PLAN- FIRST FLOOR

1 1/8"=1'-0"

LIGHTING GENERAL NOTES:

1. ALL LIGHT FIXTURES ARE TYPE "N" UNLESS OTHERWISE NOTED.
2. VERIFY ALL CEILING HEIGHTS AND TYPES WITH ARCHITECTURAL DRAWINGS BEFORE PROVIDING FIXTURES AND WIRING.
3. THE CONTRACTOR AND SUBCONTRACTORS SHALL COORDINATE WITH ALL UTILITY COMPANIES AND THE OWNER'S REPRESENTATIVE TO DETERMINE THE LOCATION OF ALL EXISTING LINES AND UTILITIES BEFORE DITCHING IS PERFORMED. THE CONTRACTOR AND SUBCONTRACTORS SHALL BE RESPONSIBLE FOR REPAIR OF ANY CUT OR DAMAGED LINES OR UTILITIES. LINES AND UTILITIES EXIST THAT ARE NOT SHOWN ON ANY PLANS.
4. WHERE THE CEILING IS MORE THAN THREE FEET BELOW THE BOTTOM CHORD OF THE JOIST, ALL CONDUIT AND CABLING SHALL BE INSTALLED ON A TRAPEZE SUPPORT AS SHOWN ON THE DETAILS. WHERE THE CEILING IS LESS THAN THREE FEET BELOW THE BOTTOM CHORD, ALL CONDUIT AND CABLING SHALL BE INSTALLED ABOVE THE BOTTOM CHORD OF THE JOIST. WHERE NO CEILING IS SCHEDULED, ALL CONDUIT AND CABLING SHALL BE INSTALLED UP AGAINST THE BOTTOM OF THE DECK.
5. ALL EXTERIOR LIGHTS ARE TO BE CONTROLLED BY TIME CLOCK, AS SPECIFIED. THIS CONTRACTOR SHALL PROVIDE ALL MECHANICALLY HELD LIGHTING CONTACTORS, REMOTE CONTROL RELAYS, AND WIRING TO TIME CLOCK.
6. UNLESS OTHERWISE NOTED ON THE DRAWINGS OR IN THE SPECIFICATIONS, PROVIDE A LISTED MANUAL MOTOR-CIRCUIT SWITCH AS A DISCONNECTING MEANS AT EACH MOTOR. FOR MOTORS SHOWN WITH "MS" PROVIDE A LISTED MANUAL MOTOR-CIRCUIT SWITCH WITH OVERLOAD PROTECTION AS A DISCONNECTING MEANS AT EACH MOTOR.
7. SEE RECESSED, LAY-IN TYPE, FLUORESCENT LIGHT FIXTURE DETAIL FOR LIGHTING SUPPORT.

PLAN NOTES:

1. PROVIDE A PARAGON ET2000F OR WATT STOPPER EQUAL SET AT 2 HOURS.
2. MOUNT FIXTURE AT 12'-0" A.F.F. VERIFY EXACT MOUNTING HEIGHT WITH ARCHITECT.
3. MOUNT FIXTURES AT 9'-0" A.F.F. MOUNT LIGHT FIXTURES TO AVOID MECHANICAL EQUIPMENT.
4. LIGHT SWITCH FOR UNDERCABINET LIGHT. MOUNT 6" ABOVE MILLWORK SPLASH. VERIFY EXACT LOCATION WITH ARCHITECTURAL DRAWINGS.
5. EXHAUST FAN CONTROLLED WITH LIGHTS IN ROOM.
6. THIS CEILING MOUNTED FIXTURE TO BE PROVIDED BY OWNER AND INSTALLED BY THIS CONTRACTOR.
7. MOUNT FIXTURE AT 8'-0" A.F.F.
8. MOUNT FIXTURE AT 4'-0" A.F.F.
9. PROVIDE 15 DEGREE SLOPED CEILING ADAPTER WITH THIS CAN LIGHT.
10. MOUNT WALL SCONCE AT 7'-0" A.F.F.
11. THIS CAN LIGHT TO OPERATE AT 120V.
12. WALL FIXTURE TO HANG JUST ABOVE PAINTING. COORDINATE EXACT LOCATION WITH ARCHITECT.

Sheet EL 2.0
A. Refer to Floor Plan.
1. For changes to exterior lighting, see Attachment E2.

Sheet EL 2.0
A. Refer to Floor Plan.
1. On west wall of Entry 100, place 4 recessed can lights in lieu of 3 recessed can lights as previously indicated.

REFER TO RFI # 136
RM # 131, 148, 215, 232
WALL MOUNTED LITE FIXTURES

RFI 121 - TYPE 'U' FIXTURES H.C. ROOMS
RFI 120 - CEILING FAN SUBSTITUTIONS

SUBMISSION OF BID WILL BE CONSIDERED ACKNOWLEDGMENT THAT THE CONTRACTOR HAS VISITED THE SITE AND HAS VERIFIED ALL EXISTING JOB CONDITIONS AND INCLUDED ANY NECESSARY MODIFICATION TO EXISTING AND NEW WORK REQUIRED FOR INSTALLATION OF A COMPLETE AND WORKING SYSTEM.

STATE OF TEXAS TOMMY D. FENTER 83258 REGISTERED PROFESSIONAL ENGINEER
June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 Fax 903.753.7317
Email: TDA@T-DArchitects.com
www.T-DArchitects.com

MEP ENGINEER
EMA
www.estesmcclure.com
Estes, McClure & Associates, Inc.
Engineering & Consulting
3608 West Way
Tyler, Texas 75703
phone: 903-581-2677 fax: 903-581-2721

KILGORE COLLEGE

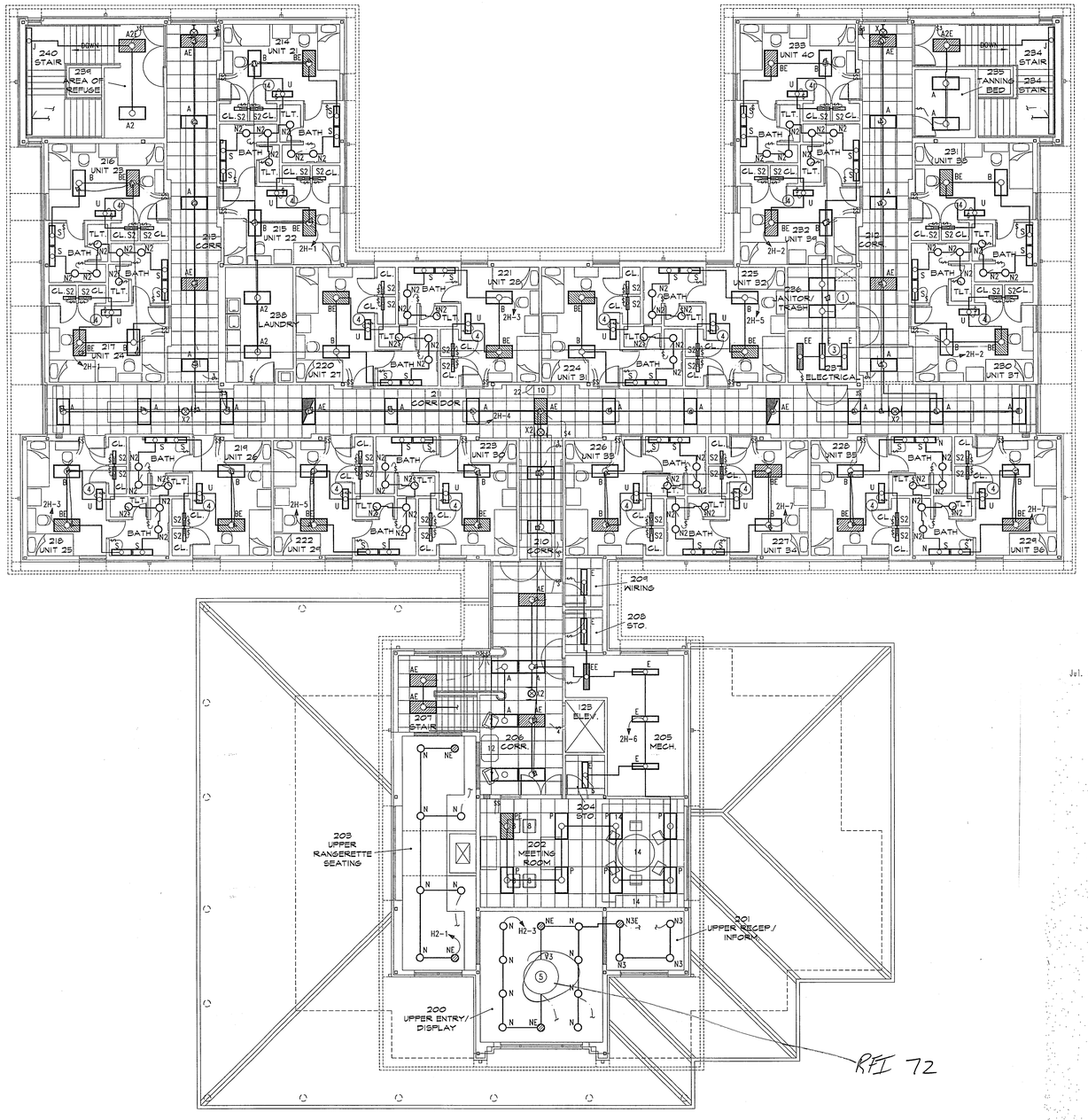
GUSSIE NELL DAVIS RANGERETTE RESIDENCE
Kilgore, Texas

FILE NAME:

PROJECT NUMBER:
0421

SHEET CONTENTS:
LIGHTING
FLOOR PLAN
FIRST FLOOR

EL
2.0



LIGHTING
FLOOR PLAN- SECOND FLOOR

1 1/8"=1'-0"

LIGHTING GENERAL NOTES:

1. ALL LIGHT FIXTURES ARE TYPE "N" UNLESS OTHERWISE NOTED.
2. VERIFY ALL CEILING HEIGHTS AND TYPES WITH ARCHITECTURAL DRAWINGS BEFORE PROVIDING FIXTURES AND WIRING.
3. THE CONTRACTOR AND SUBCONTRACTORS SHALL COORDINATE WITH ALL UTILITY COMPANIES AND THE OWNER'S REPRESENTATIVE TO DETERMINE THE LOCATION OF ALL EXISTING LINES AND UTILITIES BEFORE DITCHING IS PERFORMED. THE CONTRACTOR AND SUBCONTRACTORS SHALL BE RESPONSIBLE FOR REPAIR OF ANY CUT OR DAMAGED LINES OR UTILITIES. LINES AND UTILITIES EXIST THAT ARE NOT SHOWN ON ANY PLANS.
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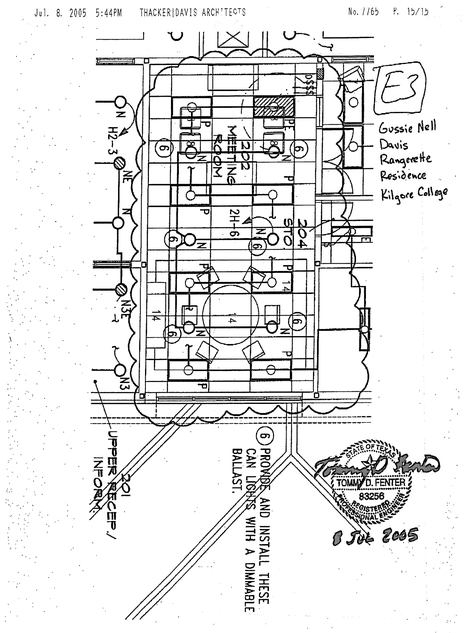
6. UNLESS OTHERWISE NOTED ON THE DRAWINGS OR IN THE SPECIFICATIONS, PROVIDE A LISTED MANUAL MOTOR-CIRCUIT SWITCH AS A DISCONNECTING MEANS AT EACH MOTOR. FOR MOTORS SHOWN WITH "MS" PROVIDE A LISTED MANUAL MOTOR-CIRCUIT SWITCH WITH OVERLOAD PROTECTION AS A DISCONNECTING MEANS AT EACH MOTOR.
7. SEE RECESSED, LAY-IN TYPE, FLUORESCENT LIGHT FIXTURE DETAIL FOR LIGHTING SUPPORT.

PLAN NOTES:

1. PROVIDE A PARAGON ET2000F OR WATT STOPPER EQUAL SET AT 2 HOURS.
2. MOUNT FIXTURE AT 12'-0" A.F.F. VERIFY EXACT MOUNTING HEIGHT WITH ARCHITECT.
3. MOUNT FIXTURES AT 9'-0" A.F.F. MOUNT LIGHT FIXTURES TO AVOID MECHANICAL EQUIPMENT.
4. LIGHT SWITCH FOR UNDERCABINET LIGHT. MOUNT 6" ABOVE MILLWORK SPLASH. VERIFY EXACT LOCATION WITH ARCHITECTURAL DRAWINGS.
5. BOTTOM OF FIXTURE TO HANG 10'-8" A.F.F.

Sheet EL2.1
A. Refer to Floor Plan.
1. For changes to lighting, see Attachment E3.

Jul. 8. 2005 5:44PM THACKER|DAVIS ARCHITECTS No. 7165 P. 15/15



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STATE OF TEXAS TOMMY D. FENTER 83256 REGISTERED PROFESSIONAL ENGINEER
June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 ◆ Box 2723
Longview, Texas 75606-2723
Phone 903.236.1771 ◆ Fax 903.753.7317
Email TDA@T-DArchitects.com
www.T-DArchitects.com

MEP ENGINEER
EMA
www.estesmcclure.com
Estes, McClure & Associates, Inc.
Engineering & Consulting
3608 West Way
Tyler, Texas 75703
phone: 903-581-2677 fax: 903-581-2721

KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE
Kilgore, Texas

FILE NAME:

PROJECT NUMBER:
0421

SHEET CONTENTS:
LIGHTING
FLOOR PLAN
SECOND FLOOR

EL
2.1

LIGHT FIXTURE SCHEDULE for KILGORE COLLEGE RANGERETTE DORM

MARK			MOUNT	LAMPS	WATTS	VOLTS	LAMP PART#
A	GRID MOUNTED 3-3/16" DEEP 2X4 TROFFER USING 2-32 WATT LAMPS (F032/841) OPTIONS: NONE , COLOR: STANDARD	LITHONIA #2GT8-232A12125 COLUMBIA JT824-232G-FSA12.125 METALUX #2GR8-232A125	GRID	F 2	32	277	F032/841
A2	GRID MOUNTED 3-3/16" DEEP 2X4 TROFFER USING 3-32 WATT LAMPS (F032/841) OPTIONS: NONE , COLOR: STANDARD	LITHONIA #2GT8-332A12125 COLUMBIA JT824-332G-FSA12.125 METALUX #2GR8-332A125	GRID	F 3	32	277	F032/841
A2E	GRID MOUNTED EMERGENCY3-3/16" DEEP 2X4 TROFFER USING 3-32 WATT LAMPS (F032/841) OPTIONS: NONE , COLOR: STANDARD	LITHONIA #2GT8-332A12125-EL6 COLUMBIA JT824-332G-FSA12.125-EL71 METALUX #2GR8-332A125—FBP-2-40U	GRID	F 3	32	277	F032/841
AE	GRID MOUNTED EMERGENCY3-3/16" DEEP 2X4 TROFFER USING 2-32 WATT LAMPS (F032/841) OPTIONS: NONE , COLOR: STANDARD	LITHONIA #2GT8-232A12125-EL6 COLUMBIA JT824-232G-FSA12.125-EL71 METALUX #2GR8-232A125—FBP-2-40U	GRID	F 2	32	277	F032/841
B	GRID MOUNTED 3-11/16" DEEP 2X4 TROFFER USING 3-32 WATT LAMPS (F032/841) OPTIONS: DUAL BALLAST , COLOR: STANDARD	LITHONIA #2SP8G-332A12125 (DUAL BALLAST) COLUMBIA ST824-332G-FSA12.125 (DUAL BALLAST) METALUX #2GC8-332A125 (DUAL BALLAST)	GRID	F 3	32	277	F032/841
BE	GRID MOUNTED EMERGENCY3-11/16" DEEP 2X4 TROFFER USING 3-32 WATT LAMPS (F032/841) OPTIONS: DUAL BALLAST , COLOR: STANDARD	LITHONIA #2SP8G-332A12125-EL6 (DUAL BALLAST) COLUMBIA ST824-332G-FSA12.125-EL71 (DUAL BALLAST) METALUX #2GC8-332A125—FBP-2-40U	GRID	F 3	32	277	F032/841
CF	CEILING MOUNTED CEILING FAN USING 1-100 WATT LAMPS (100W-A19) OPTIONS: NONE , COLOR: BY ARCHITECT	HUNTER FAN - ESPLANADE #20661 (FINISH BY ARCHITECT)	CEILING	I 1	100	277	100W-A19
CF2	CEILING MOUNTED CEILING FAN USING 4-75 WATT LAMPS (75W-A19) OPTIONS: NONE , COLOR: BY ARCHITECT	HUNTER FAN - WELLESLEY #20480 (FINISH BY ARCHITECT)	CEILING	I 4	75	277	75W-A19
E	SURFACE/CHAIN MOUNTED SEALED 1X4 FIXTURE USING 2-32 WATT LAMPS (F032/841) OPTIONS: SEALED , COLOR: STANDARD	LITHONIA #DM232-PCL COLUMBIA LUN4-232-CPP METALUX #VT2-232-LEX	SURFACE /CHAIN	F 2	32	277	F032/841
EE	SURFACE/CHAIN MOUNTED EMERGENCYSEALED 1X4 FIXTURE USING 2-32 WATT LAMPS (F032/841) OPTIONS: SEALED , COLOR: STANDARD	LITHONIA #DM232-PCL-EL6 COLUMBIA LUN4-232-B60DL-CPP METALUX #VT2-232-LEX-FBP-2-40U	SURFACE /CHAIN	F 2	32	277	F032/841
G	SURFACE MOUNTED 18" DECORATIVE BOWL USING 2-26 WATT LAMPS (26W PL-C) OPTIONS: NONE , COLOR: BY ARCHITECT	BETA CALCO - ERELLA #60-0186-FB	SURFACE	F 2	26	277	26W PL-C
G2	WALL MOUNTED WALL SCONCE USING 5-75 WATT LAMPS (75A-A19) OPTIONS: NONE , COLOR: BY ARCHITECT	www.lampsplus.com "TULIP SCROLL" WALL SCONCE	WALL	I 5	75	120	75A-A19
J	WALL MOUNTED EMERGENCYLINEAR FLUORESCENT USING 8-32 WATT LAMPS (F032/841) OPTIONS: NONE , COLOR: BY ARCHITECT	KENALL #MLHA8S-B48-2M48-E48-R-MW-PP-2-32-PB8-1-EL (STACK 4 EACH TOGETHER FOR 1 16' RUN)	WALL	F 8	32	277	F032/841
M	GRID MOUNTED 8" CLEAR CAN LIGHT USING 2-26 WATT LAMPS (26W-TRT-841) OPTIONS: NONE , COLOR: WHITE FLANGE	LITHONIA #AF226TRT8AR-LDTRW-GEB10 PRESCOLITE #CFTD832HEB-WTFD802H-B24 PORTFOLIO#C7226E-7251LIWF	GRID	F 2	26	120	26W-TRT-841
M2	GRID MOUNTED 8" CLEAR CAN LIGHT USING 1-26 WATT LAMPS (26W-TRT-841) OPTIONS: NONE , COLOR: WHITE FLANGE	LITHONIA #AF126TRT8AR-LDTRW-GEB10 PRESCOLITE #CFT832HEB-WTF802H-B24 PORTFOLIO#C7126E-7251LIWF	GRID	F 1	26	120	26W-TRT-841
M3	GYP MOUNTED FAN LIGHT USING 1-75 WATT LAMPS (75W-A19) OPTIONS: NONE , COLOR: WHITE FLANGE	BROAN MODEL #744 RECESSED FAN LIGHT	GYP	I 1	75	120	75W-A19
ME	GRID MOUNTED EMERGENCY8" CLEAR CAN LIGHT USING 2-26 WATT LAMPS (26W-TRT-841) OPTIONS: BATT BACKUP , COLOR: WHITE FLANGE	LITHONIA #AF226TRT8AR-LDTRW-PSDL3-DL-RTS3-GEB10 PRESCOLITE #CFTD832HEBEM-WTFD802H-B24 PORTFOLIO#C7226EEM-7251LIWF	GRID	F 2	26	120	26W-TRT-841
N	GRID MOUNTED 8" CLEAR CAN LIGHT USING 2-26 WATT LAMPS (26W-TRT-841) OPTIONS: NONE , COLOR: WHITE FLANGE	LITHONIA #AF226TRT8AR-LDTRW-GEB10 PRESCOLITE #CFTD832HEB-WTFD802H-B24 PORTFOLIO#C7226E-7251LIWF	GRID	F 2	26	277	26W-TRT-841
N2	GRID MOUNTED 6" DROP LENS CAN LIGHT USING 2-26 WATT LAMPS (26W-DTT-841) OPTIONS: NONE , COLOR: WHITE FLANGE	LITHONIA #LF6-226-F6LD2 PF-GEB10 VANTAGE #7HF226E2-7619SCL-WC HALO EQUAL	GRID	F 2	26	277	26W-DTT-841
N3	GRID MOUNTED 10" CLEAR CAN LIGHT USING 3-42 WATT LAMPS (42W-TRT-841) OPTIONS: NONE , COLOR: WHITE FLANGE	LITHONIA #AF342TRT10AR-LDTRW-GEB10 VANTAGE #A10THF3E2EM-A10601-SCL PORTFOLIO EQUAL	GRID	F 3	42	277	42W-TRT-841
N3E	GRID MOUNTED EMERGENCY10" CLEAR CAN LIGHT USING 3-42 WATT LAMPS (42W-TRT-841) OPTIONS: BATT BACKUP , COLOR: WHITE FLANGE	LITHONIA #AF342TRT10AR-LDTRW-PSDL3-DL-RTS3-GEB10 VANTAGE #A10THF3E2-A10601-SCL PORTFOLIO EQUAL	GRID	F 3	42	277	42W-TRT-841
NE	GRID MOUNTED EMERGENCY8" CLEAR CAN LIGHT USING 2-26 WATT LAMPS (26W-TRT-841) OPTIONS: BATT BACKUP , COLOR: WHITE FLANGE	LITHONIA #AF226TRT8AR-LDTRW-PSDL3-DL-RTS3-GEB10 PRESCOLITE #CFTD832HEBEM-WTFD802H-B24 PORTFOLIO#C7226EEM-725 1LIWF	GRID	F 2	26	277	26W-TRT-841
NW	GRID MOUNTED 8" CLEAR CAN LIGHT USING 2-26 WATT LAMPS (26W-TRT-841) OPTIONS: NONE , COLOR: WHITE FLANGE	LITHONIA #AFW226TRT8AR-LDTRW-GEB10 PRESCOLITE #CFTD832HEB-WTFD802H-WW-B24 PORTFOLIO#C7226E-7211LIWF	GRID	F 2	26	277	26W-TRT-841
P	GRID MOUNTED INDIRECT 2X4 FIXTURE USING 3-32 WATT LAMPS (F032/841) OPTIONS: NONE , COLOR: STANDARD	LITHONIA #2AVG-332-MDR COLUMBIA STR24-332G-MPO METALUX #2RDI-332RP	GRID	F 3	32	277	F032/841
PE	GRID MOUNTED EMERGENCYINDIRECT 2X4 FIXTURE USING 3-32 WATT LAMPS (F032/841) OPTIONS: NONE , COLOR: STANDARD	LITHONIA #2AVG-332-MDR-EL6 COLUMBIA STR24-332G-MPO-EL71 METALUX #2RDI-332RP—FBP-2-40U	GRID	F 3	32	277	F032/841
S	WALL OVER VANITY MOUNTED 3' WRAPAROUND USING 2-25 WATT LAMPS (F025/841) OPTIONS: NONE , COLOR: WHITE	LITHONIA #WC-225-A12-GEB10RS COLUMBIA #W3-225-EB8LH	WALL OVER VANITY	F 2	25	277	F025/841
S2	CEILING MOUNTED 2' WRAPAROUND USING 2-17 WATT LAMPS (F017/841) OPTIONS: NONE , COLOR: WHITE	LITHONIA #WC-217-A12-GEB10RS COLUMBIA #W2-217-EB8LH	CEILING	F 2	17	277	F017/841
S3	LAUNDRY CEILING MOUNTED 3' WRAPAROUND USING 2-25 WATT LAMPS (F025/841) OPTIONS: NONE , COLOR: WHITE	LITHONIA #WC-225-A12-GEB10RS COLUMBIA #W3-225-EB8LH	LAUNDRY CEILING	F 2	25	120	F025/841
U	SURFACE MOUNTED 3' UNDER CABINET FIXTURE USING 1-25 WATT LAMPS (F025/841) OPTIONS: NONE , COLOR: STANDARD	LITHONIA #N2S-25GEB KENALL UCSD36EB1 METALUX #MTS-25	SURFACE	F 1	25	277	F025/641
U2	SURFACE MOUNTED 2' UNDER CABINET FIXTURE USING 1-17 WATT LAMPS (F017/841) OPTIONS: NONE , COLOR: STANDARD	LITHONIA #N2S-17GEB KENALL UCSD24EB1 METALUX #MTS-17	SURFACE	F 1	17	277	F017/841
U3	SURFACE MOUNTED 4' UNDER CABINET FIXTURE USING 1-32 WATT LAMPS (F032/841) OPTIONS: NONE , COLOR: STANDARD	LITHONIA #N2S-32GEB KENALL UCSD48EB1 METALUX #MTS-32	SURFACE	F 1	32	277	F032/841
V	SURFACE MOUNTED 11" DECORATIVE WALL SCONCE USING 1-26 WATT LAMPS (26W PL-C) OPTIONS: NONE , COLOR: BY ARCHITECT	BETA CALCO - ERELLA #60-1603-FB	SURFACE	F 1	26	277	26W PL-C
V2	SURFACE MOUNTED 29" DECORATIVE BOWL USING 3-36 WATT LAMPS (36W PL-L) OPTIONS: NONE , COLOR: BY ARCHITECT	BETA CALCO - ERELLA #60-2292-FB	SURFACE	F 3	36	277	36W PL-L
V3	CEILING\ MOUNTED 56" DECORATIVE PENDANT USING 12-40 WATT LAMPS (40W PL-L) OPTIONS: NONE , COLOR: BY ARCHITECT	BETA CALCO - ERELLA #12-5606-SN-FB-CB-AC	CEILING\	F 12	40	277	40W PL-L
V4	SURFACE MOUNTED WALL FIXTURE USING 3-40 WATT LAMPS (40W T10 MED FL) OPTIONS: NONE , COLOR: BY ARCHITECT	MARTIN LIGHTING #DT24-61	SURFACE	I 3	40	120	40W T10 MED FL
W	POLE MOUNTED MEDIUM DISTISTRIBUTION USING 1-175 WATT LAMPS (M175/C/MED) OPTIONS: POLE INCLUDED , COLOR: BY ARCHITECT	LITHONIA #AS1-175M-SR2-SPA-LPI/SSS-12-4C-DM19 POLE KIM #1A/STS2/175MH/XXX KSS12-4120-XXX LUMARK EQUAL	POLE	H 1	175	277	M175/C/MED
WP	POLE MOUNTED MEDIUM DISTISTRIBUTION USING 1-175 WATT LAMPS (M175/C/MED) OPTIONS: POLE INCLUDED , COLOR: BY ARCHITECT	LITHONIA #AS1-175M-SR3-WBA-LPI KIM #1SW/STS3/175MH/XXX LUMARK EQUAL	POLE	H 1	175	277	M175/C/MED
WP2	RECESSED MOUNTED WALL SCONCE USING 1-26 WATT LAMPS (26W PL-C) OPTIONS: NONE , COLOR: BY ARCHITECT	PACE ILLUMINATION #JRLS-5000-PLC26-EB COLE LIGHTING #F2153DW-26	RECESSED	F 1	26	277	26W PL-C
WP3	WALL MOUNTED ROUND USING 2-26 WATT LAMPS (26W-TRT-841) OPTIONS: NONE , COLOR: BY ARCHITECT	LITHONIA #VGR4-3/26TRT-GL-LPI KIM #WF20/42PL/S/XXX	WALL	F 2	26	277	26W-TRT-841
WP4	SURFACE MOUNTED WALL PACK USING 1-100 WATT LAMPS (M100/C/MED) OPTIONS: DARK SKIES , COLOR: BY ARCHITECT	LITHONIA #TWAC-100M TERON BPM-100MH-MT LUMARK #MHF210C	SURFACE	H 1	100	277	M100/C/MED
X	CEILING/ WALL MOUNTED EMERGENCYEXIT LIGHT USING 1-4 WATT LAMPS (INCLUDED) OPTIONS: NONE , COLOR: STANDARD	LITHONIA #LES-1RELN DUAL-LITE SESRBNE SURE-LITES #CX-7170RWSD	CEILING/ WALL	I 1	4	277	INCLUDED
X2	CEILING/ WALL MOUNTED EMERGENCYDOUBLE FACED EXIT LIGHT USING 2-4 WATT LAMPS (INCLUDED) OPTIONS: NONE , COLOR: STANDARD	LITHONIA #LES-2RELN DUAL-LITE SEDRBNE SURE-LITES #CX-7270RWSD	CEILING/ WALL	I 2	4	277	INCLUDED
	NO SUBSTITUTES TO ANY LISTED FIXTURE WILL BE ACCEPTED						

Sheet EL2.2

A. Refer to Light Fixture Schedule.

1. Fixture type G2 is to be changed to be "www.lampsplus.com Sussex Collection 35" wide bathroom light fixture (45990)". This fixture requires 4 60w A19 lamps. Lamps Plus phone number is 1-800-782-1967.

SUBMISSION OF BID WILL BE CONSIDERED ACKNOWLEDGMENT THAT THE CONTRACTOR HAS VISITED THE SITE AND HAS VERIFIED ALL EXISTING JOB CONDITIONS AND INCLUDED ANY NECESSARY MODIFICATION TO EXISTING AND NEW WORK REQUIRED FOR INSTALLATION OF A COMPLETE AND WORKING SYSTEM.

STATE OF TEXAS
TOMMY D. TENTER
82356
REGISTERED
PROFESSIONAL ENGINEER

June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 Fax 903.753.7317
Email: TDA@T-DArchitects.com
www.T-DArchitects.com

MEP ENGINEER
EMA
www.estesmcclure.com
Estes, McClure & Associates, Inc.
Engineering & Consulting
3608 West Way
Tyler, Texas 75703
phone: 903-581-2677 fax: 903-581-2721

KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE

Kilgore, Texas

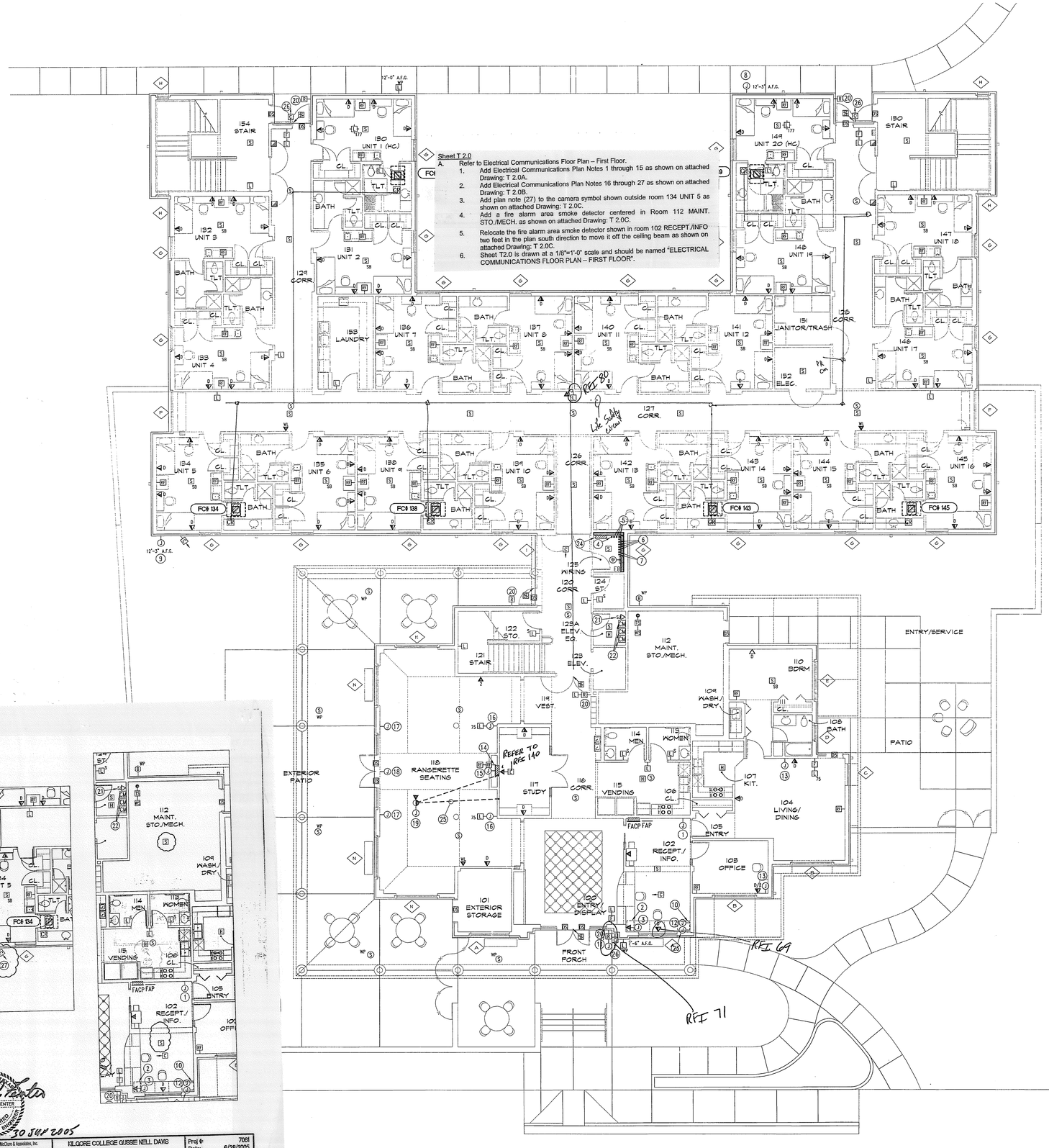
FILE NAME:

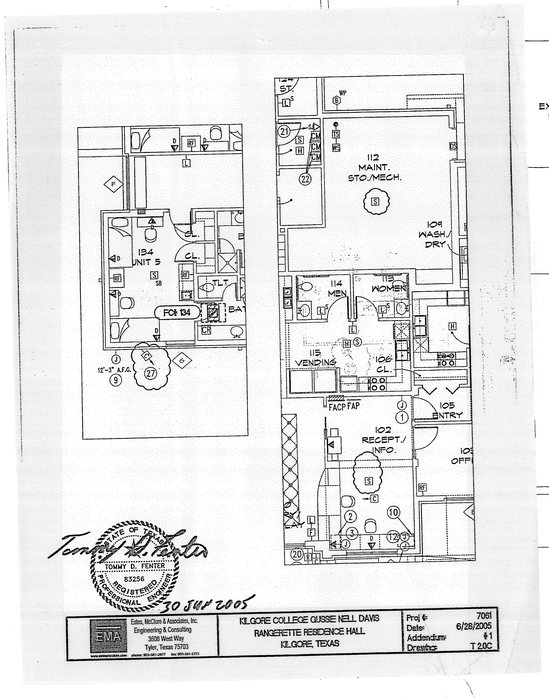
PROJECT NUMBER:
0421

SHEET CONTENTS:

LIGHT FIXTURE SCHEDULE

EL
2.2





Tommy D. Fenter
STATE OF TEXAS
TOMMY D. FENTER
83256
REGISTERED
PROFESSIONAL ENGINEER
30 SEP 2005

EMA Estes, McClure & Associates, Inc. Engineering & Consulting 3608 West Way Tyler, Texas 75703	KILGORE COLLEGE GUSSIE NELL DAVIS RANGERETTE RESIDENCE HALL KILGORE, TEXAS	Proj #: 7061 Date: 6/28/2005 Addendum: 6-1 Drawing: T 2.0C

ELECTRICAL COMMUNICATION GENERAL NOTES:

1. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CONDUIT AND STANDARD BACKBOXES FOR SYSTEMS SHOWN ON THIS DRAWING IN BASE PROPOSAL.
2. IN ANY EXPOSED AREAS SUCH AS GYMNASIUMS, SHOPS, FIELD HOUSES, JANITORS CLOSETS, OR MECHANICAL/ELECTRICAL ROOMS ALL LOW VOLTAGE CABLING SHALL BE ENCLOSED IN CONDUIT.
3. WHERE NO FINISHED CEILINGS ARE SCHEDULED ALL DEVICES, CONDUIT, AND BACKBOXES SHALL BE INSTALLED UP AGAINST BOTTOM OF DECK AND SHALL NOT PROTRUDE BELOW BOTTOM OF STEEL. THE ARCHITECT SHALL APPROVE ROUTING OF ALL EXPOSED ROUGH-INS PRIOR TO PLACEMENT.
4. ANY SIGNAL, OUTLET OR OTHER DEVICE MOUNTED ON A COLUMN, PILASTER, OR SIMILAR WALL OFFSET AREA SHALL BE CENTERED.
5. COORDINATE MOUNTING HEIGHT OF DEVICES ABOVE MILLWORK WITH ARCHITECTURAL PLANS.
6. VERIFY MARKERBOARD, TACKBOARD, AND DOOR SWING LOCATIONS WITH ARCHITECTURAL PLANS – DO NOT INSTALL DEVICES IN THESE AREAS.
7. COORDINATE EXACT LOCATION OF ALL DEVICES, ETC. INSTALLED IN MOVEABLE FURNITURE WITH ARCHITECT AND OWNER.
8. CONFIRM ALL COMMUNICATIONS DEVICE LOCATIONS WITH ARCHITECT PRIOR TO ROUGH-IN. THE ARCHITECT RESERVES THE RIGHT TO LOCATE DEVICES ANYWHERE WITHIN EACH ROOM AND DETERMINE SURFACE RACEWAY ROUTING IF APPLICABLE.
9. COORDINATE EXACT MECHANICAL EQUIPMENT LOCATION AND TYPE WITH MECHANICAL PLANS AND MECHANICAL CONTRACTOR. DO NOT INSTALL CONDUIT WITHIN 3'-0" OF ANY HVAC UNIT UNLESS THE DEVICE SERVES THAT UNIT.
10. FIRE ALARM CONTRACTOR SHALL PROVIDE DUCT MOUNTED SMOKE DETECTORS AND CONTROL RELAYS WHERE REQUIRED. MECHANICAL CONTRACTOR SHALL INSTALL HOUSING AND SAMPLE TUBES IN DUCT. FIRE ALARM CONTRACTOR TO PROVIDE LOW VOLTAGE CONNECTION TO FIRE ALARM.
11. FIRE ALARM CONTRACTOR SHALL VERIFY CIRCUIT STYLE, QUANTITY, AND LOCATION OF DEVICES TO MEET ALL APPLICABLE CODES, LAWS, AND ALL REQUIREMENTS OF THE LOCAL AUTHORITY HAVING JURISDICTION FOR INCLUSION IN BASE PROPOSAL.
12. REFER TO SPECIFICATION DIVISION 13 FOR ADDITIONAL INFORMATION.

ELECTRICAL COMUNICATIONS PLAN NOTES:

(1) AREA OF RESCUE ASSISTANCE MASTER STATION.
(2) SURVEILLANCE SYSTEM DIGITAL VIDEO RECORDER (DVR) AND MONITOR.
(3) PROVIDE TWO 1-1/4" CONDUITS FROM JUCTION BOX. UP WALL TO ACCESSIBLE ATTIC SPACE FOR CAMERA CABLING TO DVR.
(4) PROVIDE ONE 2" CONDUIT FOR CATV SERVICE. SEE SITE PLAN.
(5) PROVIDE FOUR 4" CONDUITS TO NEW CENTRAL PLANT BUILDING. SEE SITE PLAN.
(6) PROVIDE FOUR 4" CONDUITS TO OLD MAIN BUILDING. SEE SITE PLAN
(7) PROVIDE TWO 4" CONDUITS FOR TELEPHONE SERVICE. SEE SITE PLAN.
(8) PROVIDE 1/2" RIGID THREADED CONDUIT MOUNTED AT 12'-3" A.F.G. STUBBED OUT THROUGH WALL 3/4" TO MOUNT OUTDOOR "DOOR OPEN ALERT" STROBE. EXTEND CONDUIT UP TO ACCESSIBLE ATTIC SPACE. PROGRAM BUILDING ACCESS SYSTEM TO ACTIVATE THIS STROBE FOR ENTRY DOORS TO STAIR 154, CORRIDOR 129, CORRIDOR 128, AND STAIR 150.
(9) PROVIDE 1/2" RIGID-THREADED CONDUIT MOUNTED AT 12'-3" A.F.G. STUBBED OUT THROUGH WALL 3/4" TO MOUNT OUTDOOR "DOOR OPEN ALERT" STROBE. EXTEND CONDUIT UP TO ACCESSIBLE ATTIC SPACE. PROGRAM BUILDING ACCESS SYSTEM TO ACTIVATE THIS STROBE FOR ENTRY DOORS TO CORRIDOR 120.
(10) PUBLIC ADDRESS AMPLIFIER WITH MICROPHONE. COORDINATE ALL AUDIO/VIDEO BACKBOX LOCATIONS WITH OWNER AND ARCHITECT.
(11) PROVIDE A WEATHER PROOF BACKBOX FOR DOOR ENTRY INTERCOM STATION WITH BUILT-IN CAMERA.
(12) JUNCTION BOX FOR DOOR ENTRY INTERCOM MASTER STATION.
(13) JUNCTION BOX FOR DOOR ENTRY INTERCOM SUB STATION.
(14) RECESSED WALL BOX AT 9'-0" A.F.F. BEHIND FLATSCREEN TV AND ABOVE 67" WIDE X 22" DEEP TV SHELF. COORDINATE ALL AUDIO/ VIDEO BACKBOX LOCATIONS WITH OWNER AND ARCHITECT.
(15) SINGLE GANG JUNCTION BOX AT 10'-0" A.F.F. FOR SURROUND SOUND FRONT CENTER SPEAKER. RUN 1" CONDUIT TO RECESSED WALL BOX MOUNTED AT 9'-0" A.F.F. BEHIND FLAT SCREEN TV. COORDINATE ALL AUDIO/VIDEO BACKBOX LOCATIONS WITH OWNER AND ARCHITECT.
(16) SINGLE GANG JUNCTION BOX AT 8'-0" A.F.F. FOR SURROUND SOUND FRONT SPEAKER. RUN 1" CONDUIT TO RECESSED WALL BOX MOUNTED AT 9'-0" A.F.F. BEHIND FLAT SCREEN TV. COORDINATE ALL AUDIO/ VIDEO BACKBOX LOCATIONS WITH OWNER AND ARCHITECT.
(17) SINGLE GANG JUNCTION BOX AT 9'-0" A.F.F. FOR SURROUND SOUND REAR SPEAKER. RUN 1" CONDUIT TO RECESSED WALL BOX MOUNTED AT 9'-0" A.F.F. BEHIND FLAT SCREEN TV. COORDINATE ALL AUDIO/ VIDEO BACKBOX LOCATIONS WITH OWNER AND ARCHITECT.
(18) SINGLE GANG JUNCTION BOX AT 10'-0" A.F.F. FOR SURROUND SOUND REAR CENTER SPEAKER. RUN 1" CONDUIT TO RECESSED WALL BOX MOUNTED AT 9'-0" A.F.F. BEHIND FLAT SCREEN TV. COORDINATE ALL AUDIO/VIDEO BACKBOX LOCATIONS WITH OWNER AND ARCHITECT.
(19) AUDIO VISUAL INPUT. SINGLE GANG BOX IN FLOOR BOX WITH 1" CONDUIT RAN TO RECESSED WALL BOX MOUNTED AT 9'-0" A.F.F. BEHIND FLAT SCREEN TV. COORDINATE ALL AUDIO/VIDEO BACKBOX LOCATIONS WITH OWNER AND ARCHITECT.
(20) PROVIDE 1/2" RIGID THREADED CONDUIT MOUNTED AT 40" A.F.F. STUBBED OUT THROUGH WALL 3/4" TO MOUNT CARD READER. EXTEND CONDUIT UP TO ACCESSIBLE ATTIC SPACE.
(21) SERVICE JACK FOR EMERGENCY TELEPHONE.
(22) CONTROL MODULES FOR ELEVATOR PRIMARY RECALL, SECONDARY RECALL, AND FIREFIGHTER WARNING.
(23) SINGLE GANG BACKBOX WITH 1" CONDUIT TO WALL BOX IN STORAGE 204 FOR LINE LEVEL AUDIO FEED FROM A/V SYSTEM TO PAGING SYSTEM.
(24) CATV AMP.
(25) RUN A 1" CONDUIT FROM ACCESSIBLE ATTIC SPACE, DOWN WALL, UNDER SLAB TO FLOOR BOX FOR DATA CABLING.
(26) OUTDOOR SECURITY CAMERA. MOUNT INCLUDED BACKBOX FLUSH AT 6'-0" A.F.F. AND RUN A 1" CONDUIT TO ACCESSIBLE ATTIC SPACE.
(27) OUTDOOR SECURITY CAMERA. MOUNT INCLUDED BACKBOX FLUSH AT 10'-0" A.F.F. AND RUN A 1" CONDUIT TO ACCESSIBLE ATTIC SPACE.

SUBMISSION OF BID WILL BE CONSIDERED ACKNOWLEDGMENT THAT THE CONTRACTOR HAS VISITED THE SITE AND HAS VERIFIED ALL EXISTING JOB CONDITIONS AND INCLUDED ANY NECESSARY MODIFICATION TO EXISTING AND NEW WORK REQUIRED FOR INSTALLATION OF A COMPLETE AND WORKING SYSTEM.

STATE OF TEXAS
Registered
TOMMY D. FENTER
83256
PROFESSIONAL ENGINEER
June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 PO Box 3723
Longview, Texas 75606-3723
Phone 903.236.3771 Fax 903.753.7317
Email: TDA@T-DArchitects.com
www.T-DArchitects.com

MEP ENGINEER

EMA
www.estesmcclure.com
Estes, McClure & Associates, Inc.
Engineering & Consulting
3608 West Way
Tyler, Texas 75703
phone: 903-581-2677 fax: 903-581-2721

KILGORE COLLEGE

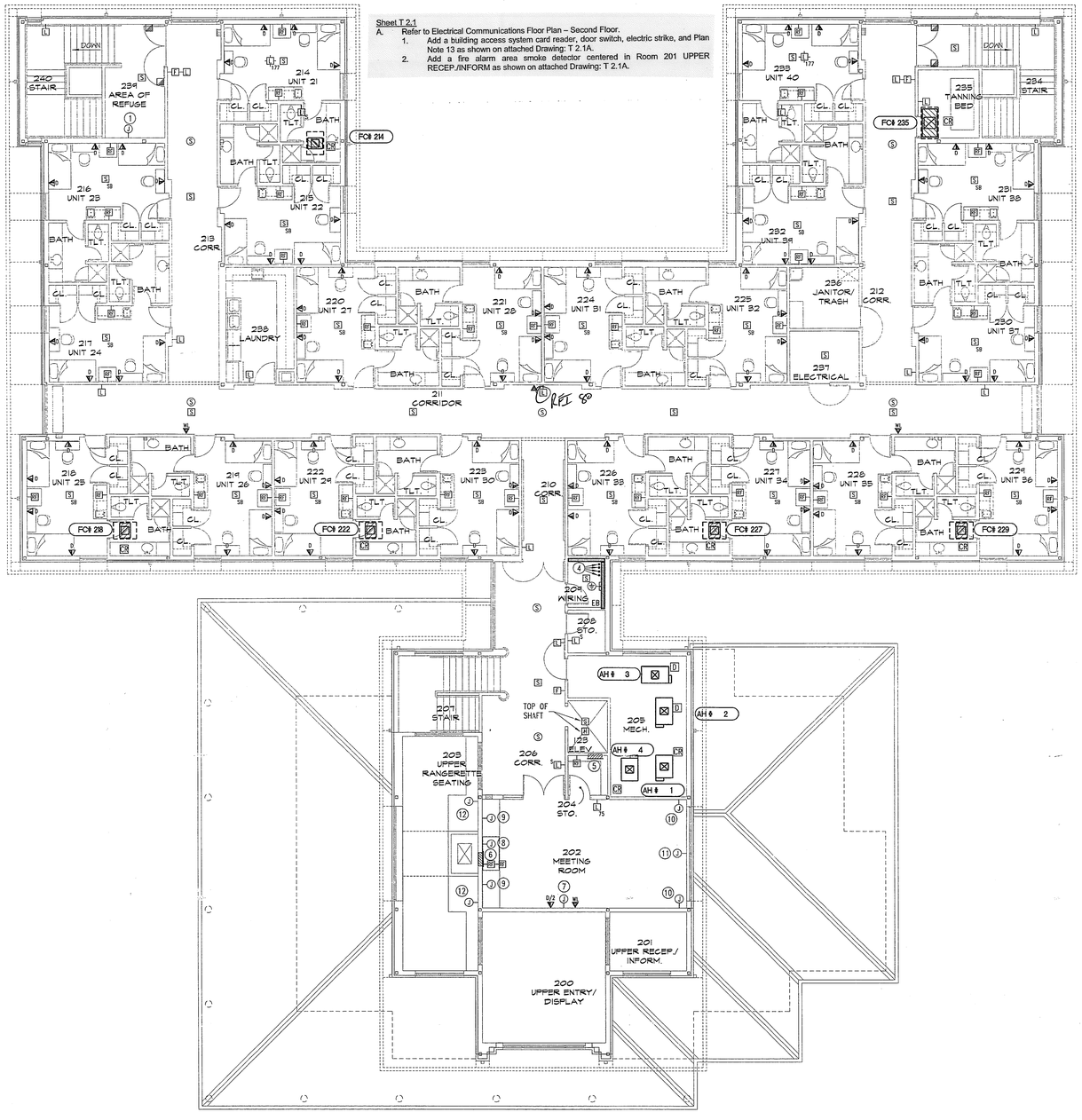
GUSSIE NELL DAVIS RANGERETTE RESIDENCE
Kilgore, Texas

FILE NAME:

PROJECT NUMBER:
0421

SHEET CONTENTS:
ELEC. COMM.
FLOOR PLAN
FIRST FLOOR

T 2.0

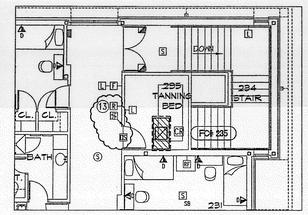


Sheet T 2.1

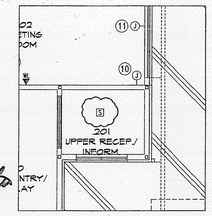
A. Refer to Electrical Communications Floor Plan – Second Floor.
   1. Add a building access system card reader, door switch, electric strike, and Plan Note 13 as shown on attached Drawing: T 2.1A.
   2. Add a fire alarm area smoke detector centered in Room 201 UPPER RECEP./INFORM as shown on attached Drawing: T 2.1A.

ELECTRICAL COMMUNICATIONS FLOOR PLAN - SECOND FLOOR

1 — 1/8"=1'-0"



(13) PROVIDE 1/2" RIGID THREADED CONDUIT MOUNTED AT 40" A.F.F. STUBBED OUT THROUGH WALL 3/4" TO MOUNT CARD READER. EXTEND CONDUIT UP TO ACCESSIBLE ATTIC SPACE.



STATE OF TEXAS — TOMMY D. FENTER — 83256 — REGISTERED — PROFESSIONAL ENGINEER

30 JUN 2005

Estes, McClure & Associates, Inc. Engineering & Consulting 3608 West Way Tyler, Texas 75703 phone: 903-581-2677 fax: 903-581-2721	KILGORE COLLEGE GUSSIE NELL DAVIS RANGERETTE RESIDENCE HALL KILGORE, TEXAS	Proj # 7051 Date 6/28/2005 Addendum 1 Drawing T 2A

ELECTRICAL COMMUNICATION GENERAL NOTES:

1. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CONDUIT AND STANDARD BACKBOXES FOR SYSTEMS SHOWN ON THIS DRAWING IN BASE PROPOSAL.
2. IN ANY EXPOSED AREAS SUCH AS GYMNASIUMS, SHOPS, FIELD HOUSES, JANITORS CLOSETS, OR MECHANICAL/ELECTRICAL ROOMS ALL LOW VOLTAGE CABLING SHALL BE ENCLOSED IN CONDUIT.
3. WHERE NO FINISHED CEILINGS ARE SCHEDULED ALL DEVICES, CONDUIT, AND BACKBOXES SHALL BE INSTALLED UP AGAINST BOTTOM OF DECK AND SHALL NOT PROTRUDE BELOW BOTTOM OF STEEL. THE ARCHITECT SHALL APPROVE ROUTING OF ALL EXPOSED ROUGH-INS PRIOR TO PLACEMENT.
4. ANY SIGNAL, OUTLET OR OTHER DEVICE MOUNTED ON A COLUMN, PILASTER, OR SIMILAR WALL OFFSET AREA SHALL BE CENTERED.
5. COORDINATE MOUNTING HEIGHT OF DEVICES ABOVE MILLWORK WITH ARCHITECTURAL PLANS.
6. VERIFY MARKERBOARD, TACKBOARD, AND DOOR SWING LOCATIONS WITH ARCHITECTURAL PLANS - DO NOT INSTALL DEVICES IN THESE AREAS.
7. COORDINATE EXACT LOCATION OF ALL DEVICES, ETC. INSTALLED IN MOVEABLE FURNITURE WITH ARCHITECT AND OWNER.
8. CONFIRM ALL COMMUNICATIONS DEVICE LOCATIONS WITH ARCHITECT PRIOR TO ROUGH-IN. THE ARCHITECT RESERVES THE RIGHT TO LOCATE DEVICES ANYWHERE WITHIN EACH ROOM AND DETERMINE SURFACE RACEWAY ROUTING IF APPLICABLE.
9. COORDINATE EXACT MECHANICAL EQUIPMENT LOCATION AND TYPE WITH MECHANICAL PLANS AND MECHANICAL CONTRACTOR. DO NOT INSTALL CONDUIT WITHIN 3'-0" OF ANY HVAC UNIT UNLESS THE DEVICE SERVES THAT UNIT.
10. FIRE ALARM CONTRACTOR SHALL PROVIDE DUCT MOUNTED SMOKE DETECTORS AND CONTROL RELAYS WHERE REQUIRED. MECHANICAL CONTRACTOR SHALL INSTALL HOUSING AND SAMPLE TUBES IN DUCT. FIRE ALARM CONTRACTOR TO PROVIDE LOW VOLTAGE CONNECTION TO FIRE ALARM.
11. FIRE ALARM CONTRACTOR SHALL VERIFY CIRCUIT STYLE, QUANTITY, AND LOCATION OF DEVICES TO MEET ALL APPLICABLE CODES, LAWS, AND ALL REQUIREMENTS OF THE LOCAL AUTHORITY HAVING JURISDICTION FOR INCLUSION IN BASE PROPOSAL.
12. REFER TO SPECIFICATION DIVISION 13 FOR ADDITIONAL INFORMATION.

ELECTRICAL COMMUNICATIONS PLAN NOTES:

(1) AREA OF RESCUE ASSISTANCE AREA STATION.

(2) ELEVATOR EMERGENCY TELEPHONE SERVICE JACK.

(3) FIRE ALARM CONTROL MODULES FOR ELEVATOR PRIMARY AND SECONDARY RECALL FUNCTIONS.

(4) PROVIDE FOUR 4" HOLES CORED DRILLED THROUGH FLOOR WITH METAL SLEEVES FOR COMMUNICATIONS CABLING FROM FIRST FLOOR.

(5) RECESSED WALL BOX MOUNTED AT 40" A.F.F. AT TV HEAD END. RUN FOUR 1" CONDUITS TO EACH FLAT SCREEN TV RECESSED WALL BOX IN ROOM 202 AND ROOM 118.

(6) RECESSED WALL BOX AT 9'-0" A.F.F. BEHIND FLATSCREEN TV AND ABOVE 67" WIDE X 22" DEEP TV SHELF. COORDINATE ALL AUDIO/ VIDEO BACKBOX LOCATIONS WITH OWNER AND ARCHITECT.

(7) AUDIO VISUAL INPUT. SINGLE GANG WALL BOX WITH 1" CONDUIT RAN TO RECESSED WALL BOX MOUNTED AT 6'-0" A.F.F. BEHIND FLAT SCREEN TV. COORDINATE ALL AUDIO/VIDEO BACKBOX LOCATIONS WITH OWNER AND ARCHITECT.

(8) SINGLE GANG JUNCTION BOX AT 10'-0" A.F.F. FOR SURROUND SOUND FRONT CENTER SPEAKER. RUN 1" CONDUIT TO RECESSED WALL BOX MOUNTED AT 9'-0" A.F.F. BEHIND FLAT SCREEN TV. COORDINATE ALL AUDIO/VIDEO BACKBOX LOCATIONS WITH OWNER AND ARCHITECT.

(9) SINGLE GANG JUNCTION BOX AT 8'-0" A.F.F. FOR SURROUND SOUND FRONT SPEAKER. RUN 1" CONDUIT TO RECESSED WALL BOX MOUNTED AT 9'-0" A.F.F. BEHIND FLAT SCREEN TV. COORDINATE ALL AUDIO/ VIDEO BACKBOX LOCATIONS WITH OWNER AND ARCHITECT.

(10) SINGLE GANG JUNCTION BOX AT 9'-0" A.F.F. FOR SURROUND SOUND REAR SPEAKER. RUN 1" CONDUIT TO RECESSED WALL BOX MOUNTED AT 9'-0" A.F.F. BEHIND FLAT SCREEN TV. COORDINATE ALL AUDIO/ VIDEO BACKBOX LOCATIONS WITH OWNER AND ARCHITECT.

(11) SINGLE GANG JUNCTION BOX AT 10'-0" A.F.F. FOR SURROUND SOUND REAR CENTER SPEAKER. RUN 1" CONDUIT TO RECESSED WALL BOX MOUNTED AT 9'-0" A.F.F. BEHIND FLAT SCREEN TV. COORDINATE ALL AUDIO/VIDEO BACKBOX LOCATIONS WITH OWNER AND ARCHITECT.

(12) SINGLE GANG JUNCTION BOX AT 6" ABOVE SHELF FOR SPEAKER. RUN 1" CONDUIT TO WALL BOX IN STORAGE 204. COORDINATE ALL AUDIO/VIDEO BACKBOX LOCATIONS WITH OWNER AND ARCHITECT.

SUBMISSION OF BID WILL BE CONSIDERED ACKNOWLEDGMENT THAT THE CONTRACTOR HAS VISITED THE SITE AND HAS VERIFIED ALL EXISTING JOB CONDITIONS AND INCLUDED ANY NECESSARY MODIFICATION TO EXISTING AND NEW WORK REQUIRED FOR INSTALLATION OF A COMPLETE AND WORKING SYSTEM.

STATE OF TEXAS — TOMMY D. FENTER — 83256 — REGISTERED — PROFESSIONAL ENGINEER

June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 Fax 903.753.7317
Email TDA@TDArchitects.com
www.TDArchitects.com

MEP ENGINEER
EMA
www.estesmcclure.com
Estes, McClure & Associates, Inc.
Engineering & Consulting
3608 West Way
Tyler, Texas 75703
phone: 903-581-2677 fax: 903-581-2721

KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE

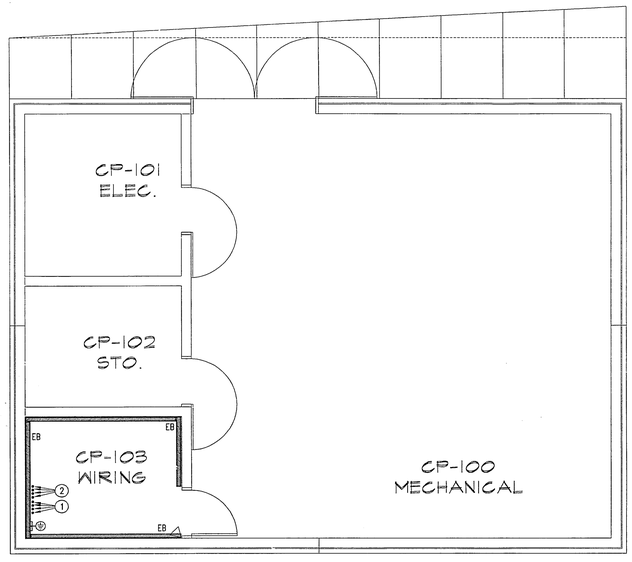
Kilgore, Texas

FILE NAME:

PROJECT NUMBER:
0421

SHEET CONTENTS:
ELEC. COMM.
FLOOR PLAN
SECOND FLOOR

T
2.1



ELECTRICAL COMMUNICATIONS CENTRAL PLANT FLOOR PLAN

1 1/4"=1'-0"

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5. COORDINATE MOUNTING HEIGHT OF DEVICES ABOVE MILLWORK WITH ARCHITECTURAL PLANS.
6. VERIFY MARKERBOARD, TACKBOARD, AND DOOR SWING LOCATIONS WITH ARCHITECTURAL PLANS - DO NOT INSTALL DEVICES IN THESE AREAS.
7. COORDINATE EXACT LOCATION OF ALL DEVICES, ETC. INSTALLED IN MOVEABLE FURNITURE WITH ARCHITECT AND OWNER.
8. CONFIRM ALL COMMUNICATIONS DEVICE LOCATIONS WITH ARCHITECT PRIOR TO ROUGH-IN. THE ARCHITECT RESERVES THE RIGHT TO LOCATE DEVICES ANYWHERE WITHIN EACH ROOM AND DETERMINE SURFACE RACEWAY ROUTING IF APPLICABLE.
9. COORDINATE EXACT MECHANICAL EQUIPMENT LOCATION AND TYPE WITH MECHANICAL PLANS AND MECHANICAL CONTRACTOR. DO NOT INSTALL CONDUIT WITHIN 3'-0" OF ANY HVAC UNIT UNLESS THE DEVICE SERVES THAT UNIT.

ELECTRICAL COMMUNICATIONS PLAN NOTES:

(1) PROVIDE FOUR 4" CONDUITS FOR COMMUNICATIONS CABLING FROM WIRING ROOM #125. SEE SITE PLAN.

(2) PROVIDE FOUR 4" CONDUITS FOR FUTURE COMMUNICATIONS CABLING TO LARGE HAND HOLE OUTSIDE WIRING ROOM #101. SEE SITE PLAN.

SUBMISSION OF BID WILL BE CONSIDERED ACKNOWLEDGMENT THAT THE CONTRACTOR HAS VISITED THE SITE AND HAS VERIFIED ALL EXISTING JOB CONDITIONS AND INCLUDED ANY NECESSARY MODIFICATION TO EXISTING AND NEW WORK REQUIRED FOR INSTALLATION OF A COMPLETE AND WORKING SYSTEM.

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THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 •PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 •Fax 903.753.7317
Email: TDA@T-DArchitects.com
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MEP ENGINEER
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www.estesmcclure.com
Estes, McClure & Associates, Inc.
Engineering & Consulting
3608 West Way
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Kilgore, Texas

FILE NAME:

PROJECT NUMBER:
0421

SHEET CONTENTS:
ELEC. COMM.
FLOOR PLAN
CENTRAL PLANT BUILDING

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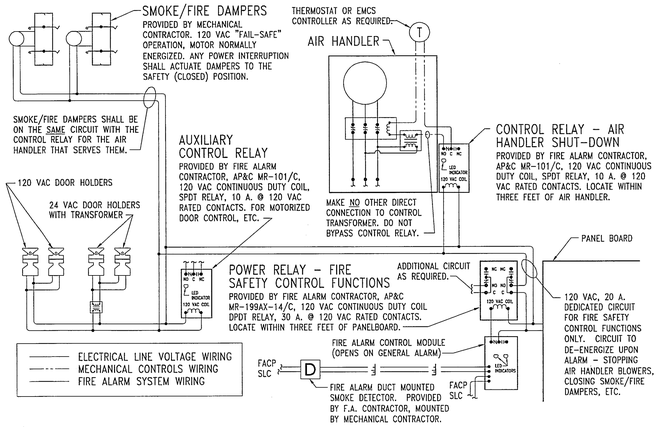
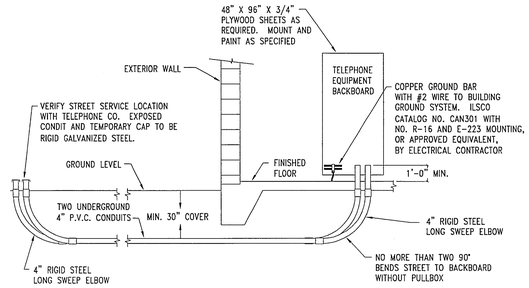


TYPICAL FIRE SAFETY CONTROL FUNCTIONS CIRCUIT WIRING DIAGRAM

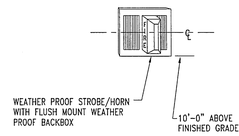
1 N.T.S.

NOTE: ALL CIRCUITS SHOWN IN NON-ALARM POWER ON CONDITION. SOME DEVICES SHOWN MAY NOT BE USED.



TELEPHONE SERVICE ENTRY

4 N.T.S.



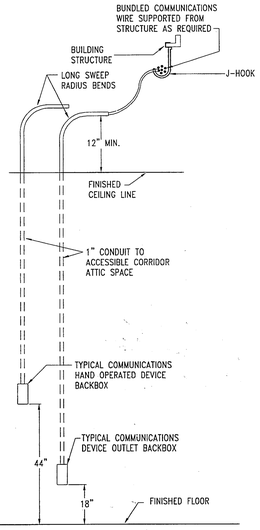
EXTERIOR FIRE ALARM SIGNAL DETAIL

7 N.T.S.

ELECTRICAL COMMUNICATION SYMBOLS

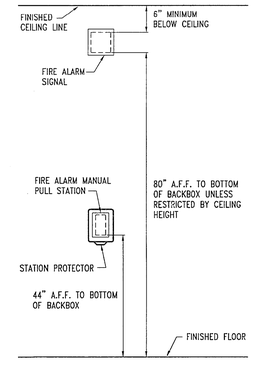
S	SPEAKER - FLUSH CEILING MOUNTED
S	SPEAKER - SURFACE WALL MOUNTED 12" BELOW CEILING OR AS NOTED
S H	HORN SPEAKER - SURFACE WALL MOUNTED 15'-0" A.F.F. OR AS REQUIRED
S H WP	EXTERIOR HORN SPEAKER - WEATHER PROOF, WALL MOUNTED 10'-0" A.F.G.
V	SPEAKER VOLUME CONTROL - WALL MOUNTED DEVICE PLATE AT 44" A.F.F.
M	MICROPHONE JACK - WALL MOUNTED DEVICE JACK 18" A.F.F. OR AS NOTED - 1" C. TO AMPLIFIER
M	MICROPHONE JACK - FLUSH FLOOR MOUNTED DEVICE FLOORBOX - 1" C. TO AMPLIFIER
B	PROGRAM BELL - WALL MOUNTED 12" BELOW CEILING
B WP	PROGRAM BELL - EXTERIOR WEATHERPROOF - WALL MOUNTED 10'-0" A.F.G.
C 2	PROGRAM CLOCK - CEILING OR WALL MOUNTED 12" BELOW FINISHED CEILING, '2' DENOTES DOUBLE FACE
C	INTERCOM CALL BUTTON - WALL MOUNTED DEVICE 44" A.F.F.
P	INTERCOM PHONE HANDSET WALL HOOK SWITCH - WALL MOUNTED DEVICE PLATE 44" A.F.F.
P D	INTERCOM PHONE HANDSET DESK HOOK SWITCH - WALL MOUNTED DEVICE JACK 18"A.F.F.
P AS	INTERCOM ADMINISTRATIVE PHONE DESKSET - WALL MOUNTED DEVICE JACK 18"A.F.F.
DDU	INTERCOM ADMINISTRATIVE REMOTE DISPLAY UNIT - DESKTOP OR WALL MOUNTED 72" A.F.F.
RF	TELEVISION SIGNAL RF OUTLET - WALL MOUNTED DEVICE JACK 18" A.F.F.
	TELEVISION OR PROJECTOR SIGNAL AUDIO/VIDEO INPUTS - WALL MOUNTED DEVICE JACKS 18" A.F.F.
RF	TELEVISION OR PROJECTOR SIGNAL AUDIO/VIDEO INPUTS/RF OUTLET- WALL MOUNTED DEVICE JACKS 18" A.F.F.
RF	TELEVISION SIGNAL AUDIO/VIDEO OUTPUTS/RF OUTLET- WALL MOUNTED DEVICE JACKS 78" A.F.F.
RF	TELEVISION BRACKET, RF SIGNAL & POWER OUTLET - CEILING MOUNTED, SEE DETAIL
RF	TELEVISION BRACKET, RF SIGNAL & POWER OUTLET - WALL MOUNTED, SEE DETAIL
RF	TELEVISION BRACKET - AS ABOVE, PLUS AUDIO/VIDEO SIGNAL OUTPUT JACKS
P	PROJECTOR BRACKET & POWER OUTLET - OVERHEAD CEILING MOUNTED DEVICE
P	PROJECTOR BRACKET & POWER OUTLET - AS ABOVE, PLUS AUDIO/VIDEO SIGNAL OUTPUT JACKS
TD	TELEPHONE DESKSET JACK W/LINE (TELEPHONE SET N.I.C.) - WALL MOUNTED DEVICE JACK 18" A.F.F.
TW	TELEPHONE WALLSET JACK W/LINE (TELEPHONE SET N.I.C.) - WALL MOUNTED DEVICE PLATE 44" A.F.F.
TMD	TELEPHONE MULTI-LINE DESKSET AND JACK W/LINE - WALL MOUNTED DEVICE 18" A.F.F.
TMW	TELEPHONE MULTI-LINE WALLSET AND JACK W/LINE - WALL MOUNTED DEVICE PLATE 44" A.F.F.
TSD	TELEPHONE SINGLE-LINE DESKSET AND JACK W/LINE - WALL MOUNTED DEVICE JACK 18" A.F.F.
TSW	TELEPHONE SINGLE-LINE WALLSET AND JACK W/LINE - WALL MOUNTED DEVICE PLATE 44" A.F.F.
TFX	TELEPHONE FAX MACHINE JACK W/LINE - WALL MOUNTED DEVICE JACK 18" A.F.F.
TSJ	TELEPHONE SINGLE-LINE SERVICE JACK W/LINE - WALL MOUNTED DEVICE JACK 18" A.F.F.
TDC	TELEPHONE DIGITAL COMMUNICATOR SERVICE - DIRECT CONNECTION TO EQUIPMENT
TPW	TELEPHONE PAY - WALL MOUNTED 44" A.F.F. TO TOP OF HIGHEST OPERABLE PART.
	COMBINATION DATA JACK/TELEPHONE JACK (AS DENOTED) - WALL MOUNTED DEVICE JACKS 18" A.F.F.
3	DATA JACK - WALL MOUNTED DEVICE JACKS 18" A.F.F., NUMBER DENOTES DATA LINES PER WIRING DEVICE
WL	DATA JACK FOR WIRELESS LAN NODE - WALL MOUNTED DEVICE - SEE DETAIL
FO	FIBER OPTIC JACK - WALL MOUNTED DEVICE 18" A.F.F., SEE SPECIFICATIONS FOR CONN. TYPE/FIBER COUNT.
K	SECURITY SYSTEM KEY PAD - WALL MOUNTED SURFACE DEVICE 44" A.F.F.
E	SECURITY SYSTEM EMERGENCY/PANIC SWITCH - MOUNT IN MILLWORK AS DIRECTED BY ARCHITECT
A	SECURITY SYSTEM AUDIBLE ALARM - SURFACE MOUNTED DEVICE, CONCEAL 12" ABOVE FINISHED CEILING
GB	SECURITY SYSTEM ACOUSTIC GLASS BREAK SENSOR - CEILING MOUNTED DEVICE
	SECURITY SYSTEM MOTION DETECTOR - 360°, CEILING MOUNTED
	SECURITY SYSTEM MOTION DETECTOR, DIRECTIONAL - CEILING OR WALL MOUNTED 6" BELOW CEILING
BD	SECURITY SYSTEM BEAM DETECTOR - WALL MOUNTED 18" A.F.F.
DS	SECURITY AND/OR ACCESS SYSTEM MAGNETIC DOOR SWITCH, SEE DETAIL
R	ACCESS SYSTEM CARD READER - WALL MOUNTED DEVICE BACKBOX 44" A.F.F.
SH	ACCESS SYSTEM DOOR RELEASE SOLENOID, MULLION/JAMB STRIKE OR RETRACTING DOOR LATCH (AS INDICATED)
DD	ACCESS SYSTEM DOOR MAGNETIC LOCK AND TOUCH EXIT BAR
C	SURVEILLANCE SYSTEM CAMERA - CEILING OR WALL MOUNTED AS REQUIRED
F	FIRE ALARM MANUAL PULL STATION - WALL MOUNTED DEVICE BACKBOX 44" A.F.F.
L ST	FIRE ALARM STROBE, 'XX' DENOTES CANDELA, 15/75 UNLESS NOTED - WALL MTD DEVICE B-BOX 80" A.F.F.
L XX	FIRE ALARM STROBE/HORN, 'XX' DENOTES CANDELA, 15/75 UNLESS NOTED - WALL MTD.DEV.B-BOX 80"A.F.F.
L XX	FIRE ALARM CEILING MOUNTED STROBE/HORN, 'XX' DENOTES CANDELA, 15/75 UNLESS NOTED
L WP	FIRE ALARM EXTERIOR STROBE/HORN - WEATHERPROOF, WALL MOUNTED 10'-0" A.F.G.
L XX	FIRE ALARM STROBE/SPEAKER (VOICE EVAC.)'XX' DENOTES CANDELA-WALL MTD. DEVICE 80"A.F.F.
L S	FIRE ALARM CEILING MOUNTED STROBE/SPEAKER (VOICE EVAC) "XX" DENOTES CANDELA, 15/75 UNLESS NOTED
S	FIRE ALARM SMOKE DETECTOR - CEILING MOUNTED
H	FIRE ALARM HEAT (THERMAL) DETECTOR - CEILING MOUNTED
CR	FIRE ALARM CONTROL RELAY FOR AIR HANDLER, DOOR HOLDER, ETC. - COORDINATE WITH DIVISION 15
D	FIRE ALARM DUCT MOUNTED SMOKE DETECTOR WITH CONTROL RELAY - COORDINATE WITH DIVISION 15
B	FIRE ALARM BEAM DETECTOR - MOUNT AS HIGH AS POSSIBLE FOR BEAM CENTERLINE 19" FROM OBSTRUCTIONS
	FIRE ALARM TO SMOKE/FIRE BARRIER DOOR ELECTROMAGNETIC HOLDER/RELEASE INTERFACE
FS WS	FIRE ALARM TO SPRINKLER RISER TAMPER SWITCH AND WATERFLOW SWITCH INTERFACES - COORDINATE WITH DIVISION 15
VH	FIRE ALARM TO VENT HOOD FIRE SUPPRESSION SYSTEM INTERFACE - COORDINATE WITH SECTION 11400
FACP	FIRE ALARM CONTROL PANEL
RAN	FIRE ALARM REMOTE ANNUNCIATOR PANEL
FAP	FIRE ALARM PLAN (FRAMED GRAPHIC, NO ELECTRICAL CONNECTION)
SPX	FIRE ALARM SIGNAL POWER EXPANDER - SURFACE MOUNT PANEL
EOL	FIRE ALARM END-OF-LINE RESISTOR
IM	FIRE ALARM FAULT ISOLATOR MODULE
MM	FIRE ALARM MONITOR MODULE
CM	FIRE ALARM CONTROL MODULE
PR	FIRE ALARM POWER RELAY
RTS	FIRE ALARM DETECTOR REMOTE TEST/RESET STATION, MOUNT IN CEILING, AS SHOWN, OR AS DIRECTED
J	JUNCTION BOX - WALL MOUNTED BACKBOX 18" A.F.F. OR AS NOTED
J	JUNCTION BOX - FLUSH FLOOR MOUNTED BACKBOX AS NOTED
	COMMUNICATION/POWER POLE - SEE DIVISION 16 ELECTRICAL PLANS AND SPECIFICATIONS
	FLOOR BOX WITH COVER FOR COMMUNICATION AND POWER - SEE DIVISION 16 ELECTRICAL PLANS AND SPEC.
G	COPPER GROUND BAR WITH INSULATED WALL MOUNTING BRACKETS - SEE ELECTRICAL SPEC. SECTION 16721
	EQUIPMENT BACKBOARD, 3/4" C-D GRADE PLYWOOD AS REQUIRED - SEE DIV. 16 ELEC. PLANS AND SPEC.
	SURFACE RACEWAY - SEE DIVISION 16 ELECTRICAL PLANS AND SPECIFICATIONS
	SURFACE MOUNT EQUIPMENT PANEL, RACK, CABINET, AMPLIFIER, ETC. AS NOTED
	FLUSH MOUNT EQUIPMENT PANEL, RACK, CABINET, AMPLIFIER, ETC. AS NOTED
	ANTENNA AS NOTED, PROVIDE SINGLE GANG WALL BOX AND 1/2" C. TO EQUIPMENT RACK.
MDF	MAIN DISTRIBUTION FRAME (COMPUTER NETWORK PRIMARY HUB RACK)
IDF	INTERMEDIATE DISTRIBUTION FRAME (COMPUTER NETWORK SECONDARY HUB RACK)
CATV	CABLE TELEVISION/MEDIA BROADBAND DISTRIBUTION HEADEND RACK

NOTES:
1. SOME SYMBOLS MAY NOT BE USED.
2. ACCESSIBLE DEVICES HIGHEST OPERABLE PART TO BE 46" MAXIMUM/18" MINIMUM A.F.F. - REFER TO ARCHITECTURAL DRAWINGS.
3. DIMENSIONS GIVEN A.F.F. ARE TO BOTTOM OF BOX.



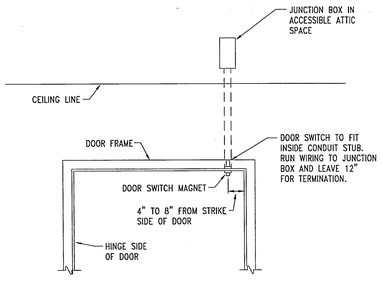
COMMUNICATIONS DEVICE BACKBOXES

2 NTS



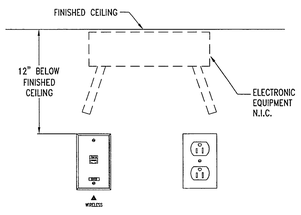
FIRE ALARM DEVICE BACKBOXES

5 NTS



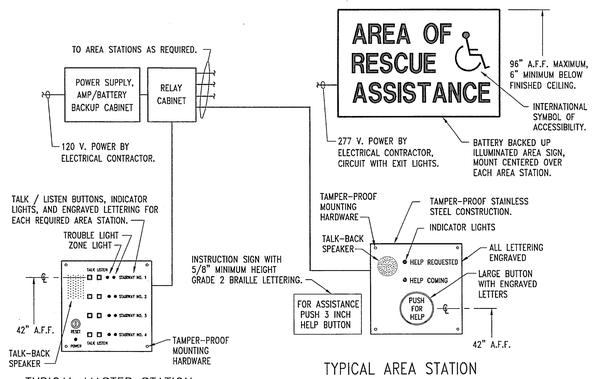
DOOR SWITCH DETAIL

3 N.T.S.



WIRELESS L.A.N. ACCESS POINT DETAIL

6 N.T.S.



AREA OF RESCUE ASSISTANCE EMERGENCY CALL SYSTEM

8 N.T.S.

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THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 ◆ Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 ◆ Fax 903.753.7317
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Engineering & Consulting
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KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE

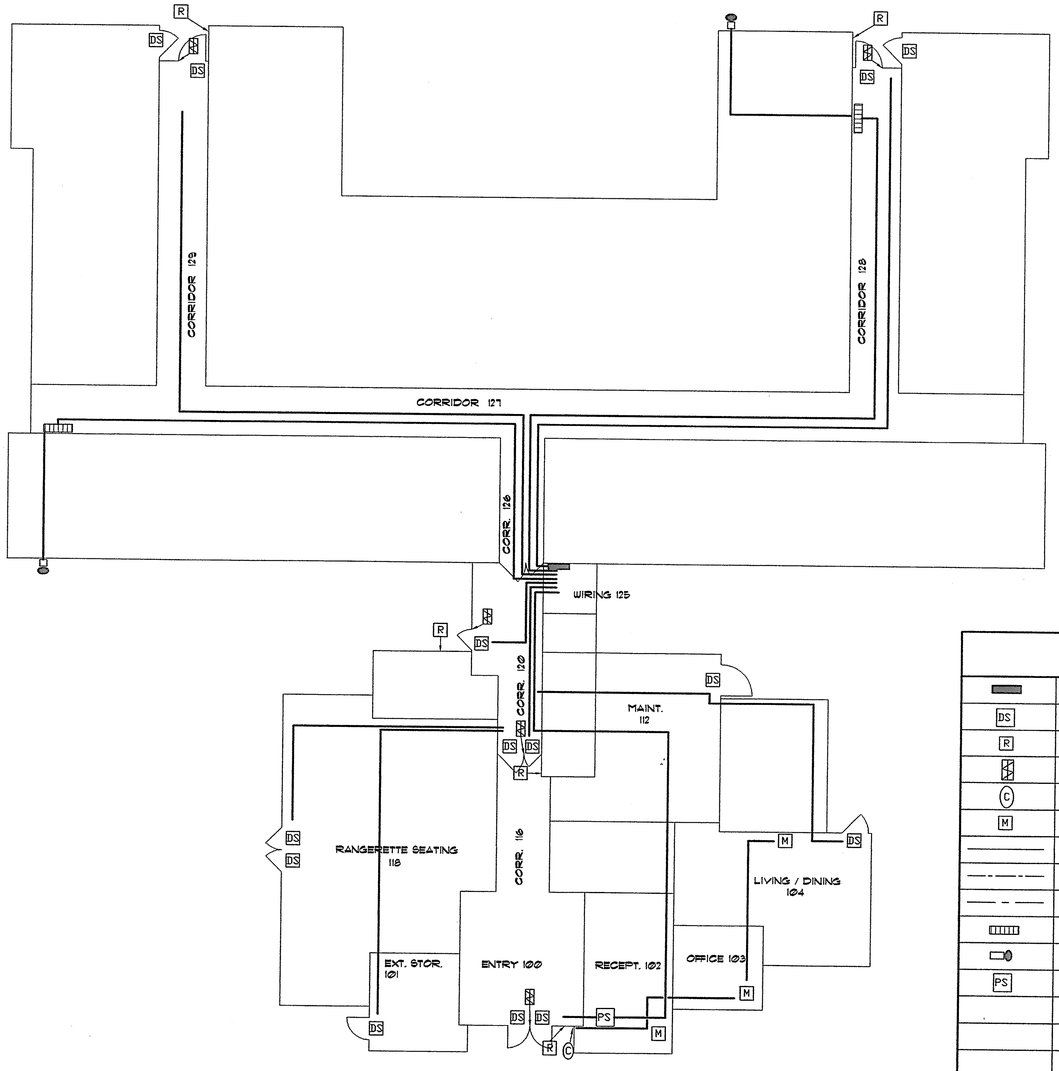
Kilgore, Texas

FILE NAME:

PROJECT NUMBER:
0421

SHEET CONTENTS:
ELEC. COMM.
DETAILS

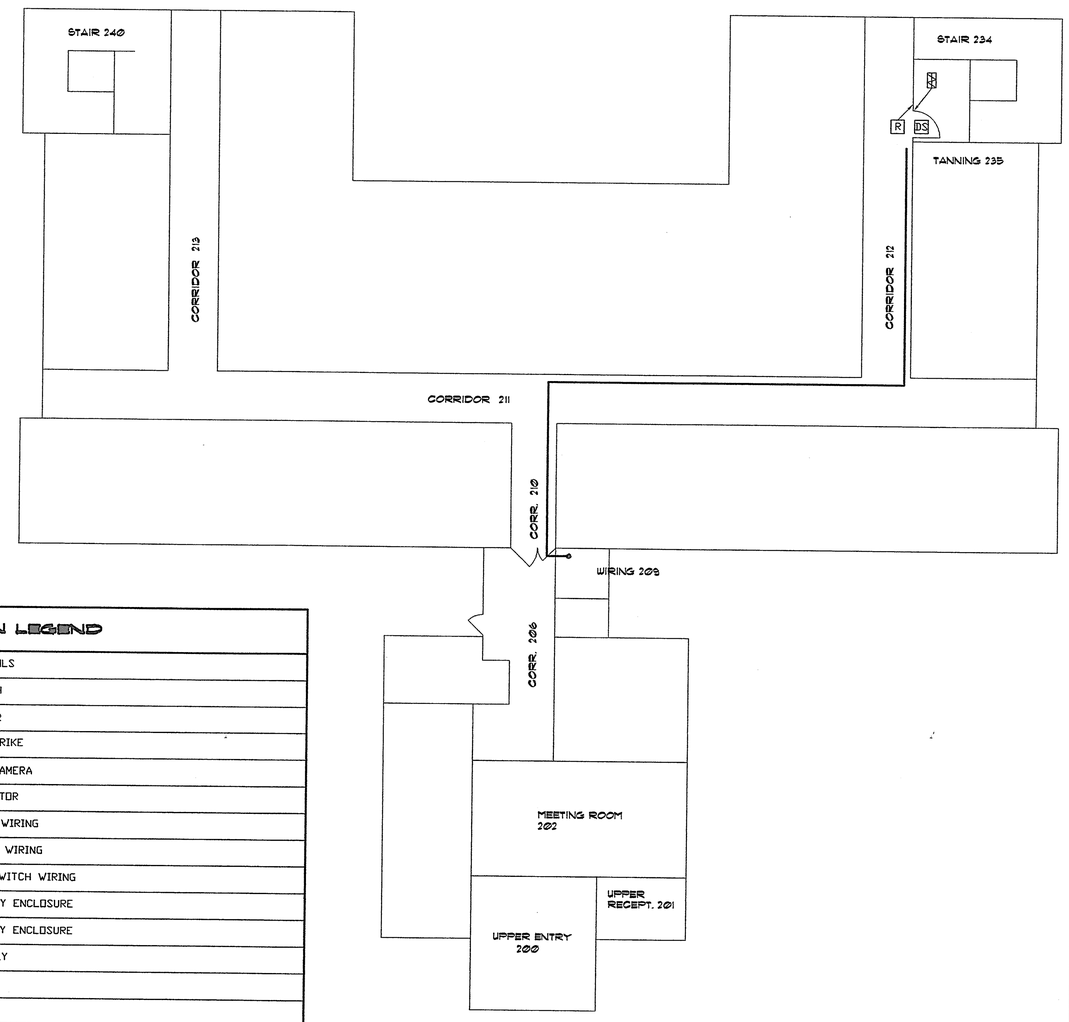
T
2.3



FIRST FLOOR

PLAN LEGEND

	'DSX' CONTROLS
DS	DOOR SWITCH
R	CARD READER
	ELECTRIC STRIKE
C	INTERCOM/ CAMERA
M	CAMERA MONITOR
	18/2 POWER WIRING
	18/2 CAMERA WIRING
	18/2 DOOR SWITCH WIRING
	STROBE RELAY ENCLOSURE
	STROBE RELAY ENCLOSURE
PS	POWER SUPPLY



SECOND FLOOR

REVISIONS	BY

JETT BUSINESS SYSTEMS, INC.

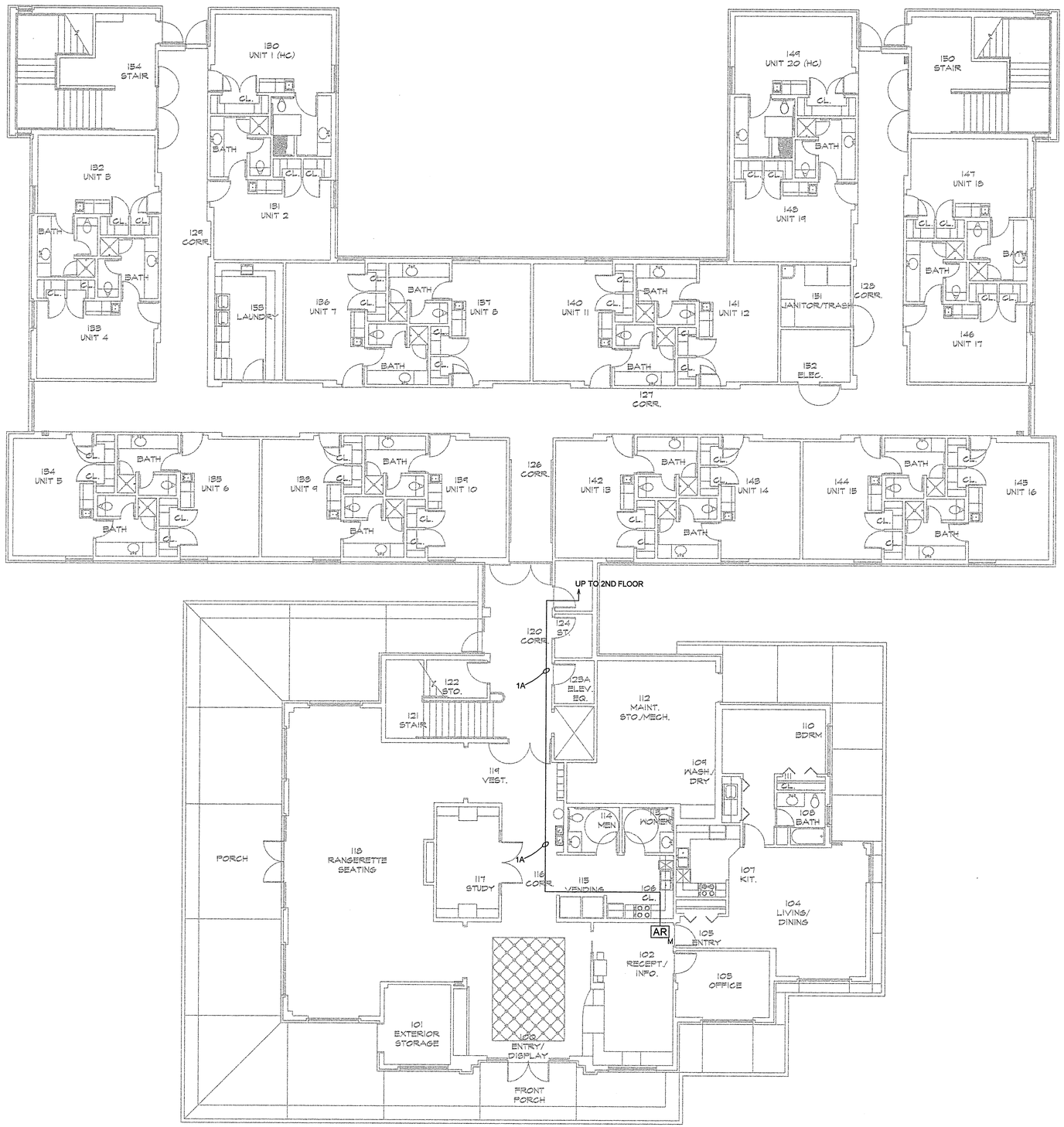
1452 HAWN AVE. SHREVEPORT, LA. 71107

GUSSIE NELL DAVIS

RANGERETTE RESIDENCE

KILGORE TEXAS

Date: 8/4/06
Scale: NONE
Job No: R.R.
Sheet 1
of 1 Sheets



01 FIRST FLOOR AREA OF RESCUE SYSTEM

SCALE: 1/8" = 1'-0"

PLAN NORTH

SYMBOL LEGEND

AR	AREA RESCUE STATION PANEL
AR_M	AREA RESCUE MASTER STATION
(I)	INSTRUCTION SIGN FOR AREA RESCUE STATION
(I)	ILLUMINATED SIGN FOR AREA RESCUE STATION
AP	AREA RESCUE SYSTEM POWER SUPPLY

WIRE LEGEND

A - 18 AWG 8 COND W/SHIELD
B - 18 AWG 4 COND

NOTES:

1. ILLUMINATED SIGN SHALL BE MOUNTED CENTERED OVER THE AREA STATION.
2. MOUNT ILLUMINATED SIGN 96" A.F.F. MAXIMUM AND 6" MINIMUM BELOW FINISHED CEILING.
3. MOUNT AREA STATION PANEL BACK BOX AT 42" A.F.F. TO CENTER OF 2 GANG BOX.
4. MOUNT MASTER STATION BACK BOX AT 44 A.F.F. TO TOP OF MANUFACTURER BACK BOX.

AmeriQuest Protection Systems
1530 SSW Loop 323
Suite 104
Tyler, Tx. 75701
903-592-9277
Registration No. ACR-2160

AREA OF RESCUE ASSISTANCE EMERGENCY CALL SYSTEM

GUSSIE NELL DAVIS RANGERETTE RESIDENCE
KILGORE JUNIOR COLLEGE
KILGORE, TEXAS

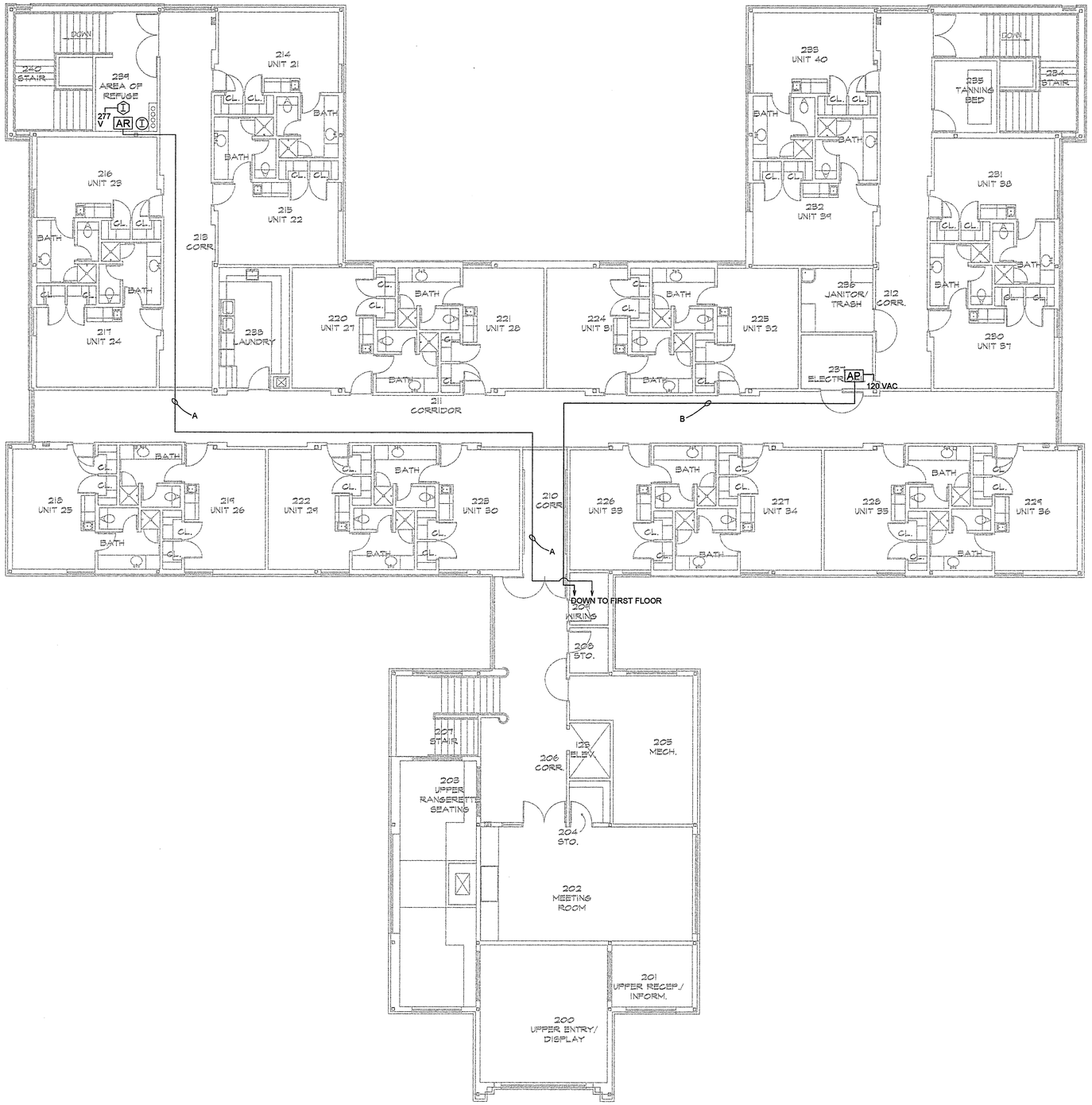
DRAWN BY:
DWG Drafting Services
17943 Adele Ln.
Whitehouse, TX 75791
(903)-530-0868

APPROVED BY:
WILLIAM PETERSEN

APS-0777

DATE: 10/05/06

AR-1
AS-BUILT



01 SECOND FLOOR AREA OF RESCUE SYSTEM

SCALE: 1/8" = 1'-0"

PLAN NORTH

SYMBOL LEGEND

AR	AREA RESCUE STATION PANEL
AR_M	AREA RESCUE MASTER STATION
I	INSTRUCTION SIGN FOR AREA RESCUE STATION
I	ILLUMINATED SIGN FOR AREA RESCUE STATION
AP	AREA RESCUE SYSTEM POWER SUPPLY

WIRE LEGEND

A - 18 AWG 8 COND W/SHIELD
B - 18 AWG 4 COND

NOTES:

1. ILLUMINATED SIGN SHALL BE MOUNTED CENTERED OVER THE AREA STATION.
2. MOUNT ILLUMINATED SIGN 96" A.F.F. MAXIMUM AND 6" MINIMUM BELOW FINISHED CEILING.
3. MOUNT AREA STATION PANEL BACK BOX AT 42" A.F.F. TO CENTER OF 2 GANG BOX.
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KILGORE, TEXAS

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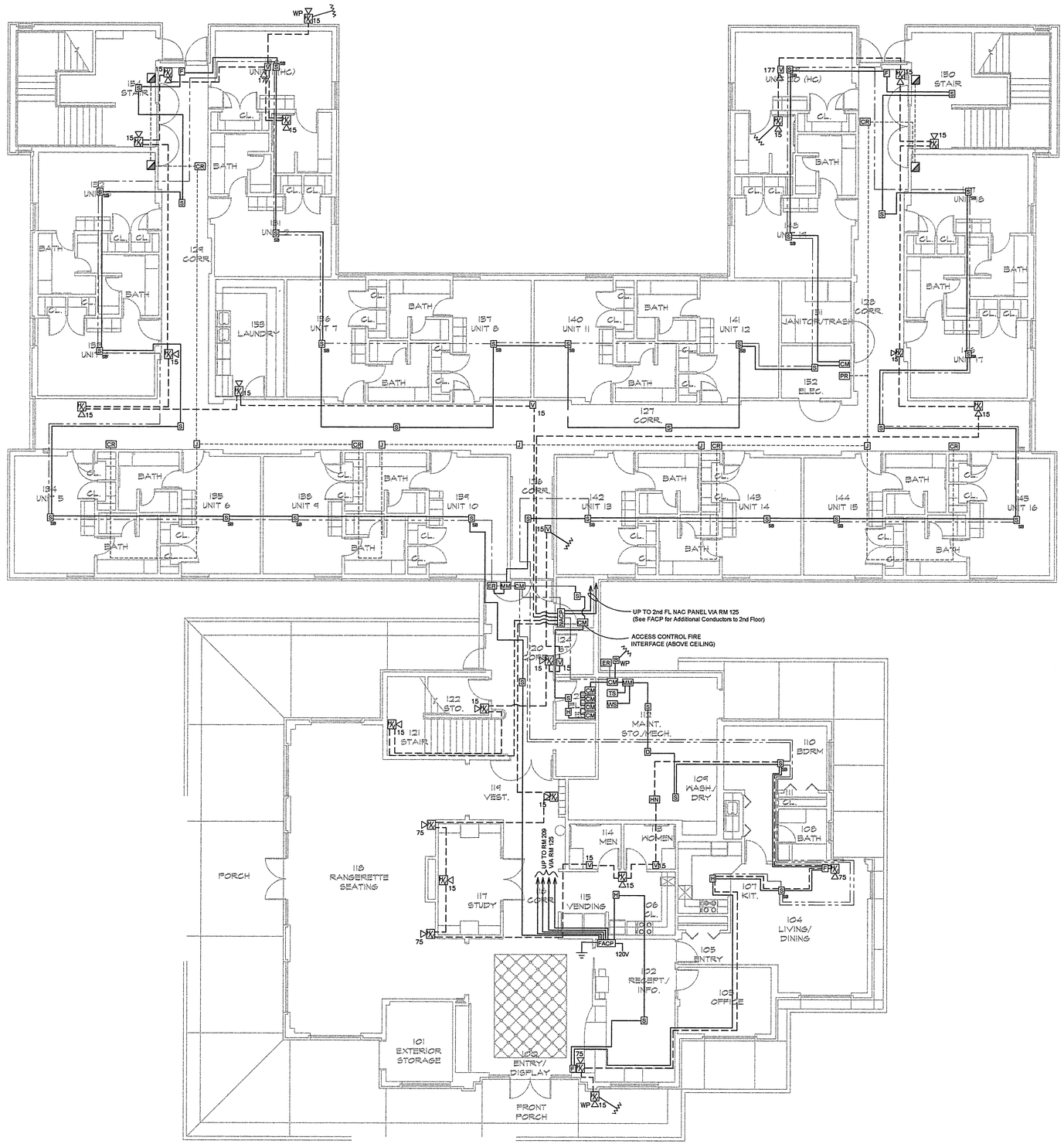
Whitehouse, TX 75791
(903)-530-0868

APPROVED BY:
WILLIAM PETERSEN

APS-0777

DATE: 12/31/09

AR-2
AS-BUILT



01 FIRST FLOOR FIRE ALARM PLAN

SCALE: 1/8" = 1'-0"

FIRE ALARM SYMBOL LEGEND

	DOOR HOLDER - 120 VAC
S	SMOKE DETECTOR - ADDRESSABLE
F	MANUAL PULL STATION - DOUBLE ACTION
H	HEAT DETECTOR
15	HORN STROBE - CANDELA IS INDICATED ADJACENT TO ICON (Ex. 15, 75 or 110)
177	HORN STROBE - CEILING MOUNT
V 30	VISUAL STROBE ONLY - CANDELA IS INDICATED ADJACENT TO ICON (Ex. 30, 75 or 110)
MM	DUAL MONITOR MODULE - ADDRESSABLE
HN	HORN
TS	TAMPER SWITCH
WF	WATER FLOW
D	DUCT DETECTOR
CM	RELAY - ADDRESSABLE CONTROL
J	JUNCTION BOX
PR	POWER RELAY MR-199X-14/C
CR	RELAY - MR101C
M	MONITOR MODULE - SINGLE POINT
B WP	BELL
ER	END OF LINE RELAY
IS	ISOLATOR MODULE
FACP	FIRE ALARM CONTROL PANEL
NACP	NOTIFICATION APPLIANCE CIRCUIT PANEL
	END OF LINE RESISTOR

WIRE LEGEND

- 18 AWG 2 COND FPLP
- 14 AWG 2 COND FPLP
- 120 VAC BY ELECT CONT
- 24 VDC POWER

NOTE: WIRING SIZE & TYPE
ALL INITIATING CIRCUIT 18AWG FPLR
ALL SLC CIRCUITS 18AWG FPLR
ALL INDICATING APPLIANCE WIRE 12AWG FPLR

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FIRE ALARM PLAN
GUSSIE NELL DAVIS RANGERETTE RESIDENCE
KILGORE JUNIOR COLLEGE
KILGORE, TEXAS

DRAWN BY:
DWG Drafting Services
17943 Adele Ln.
Whitehouse, TX 75791
(903)-530-0868

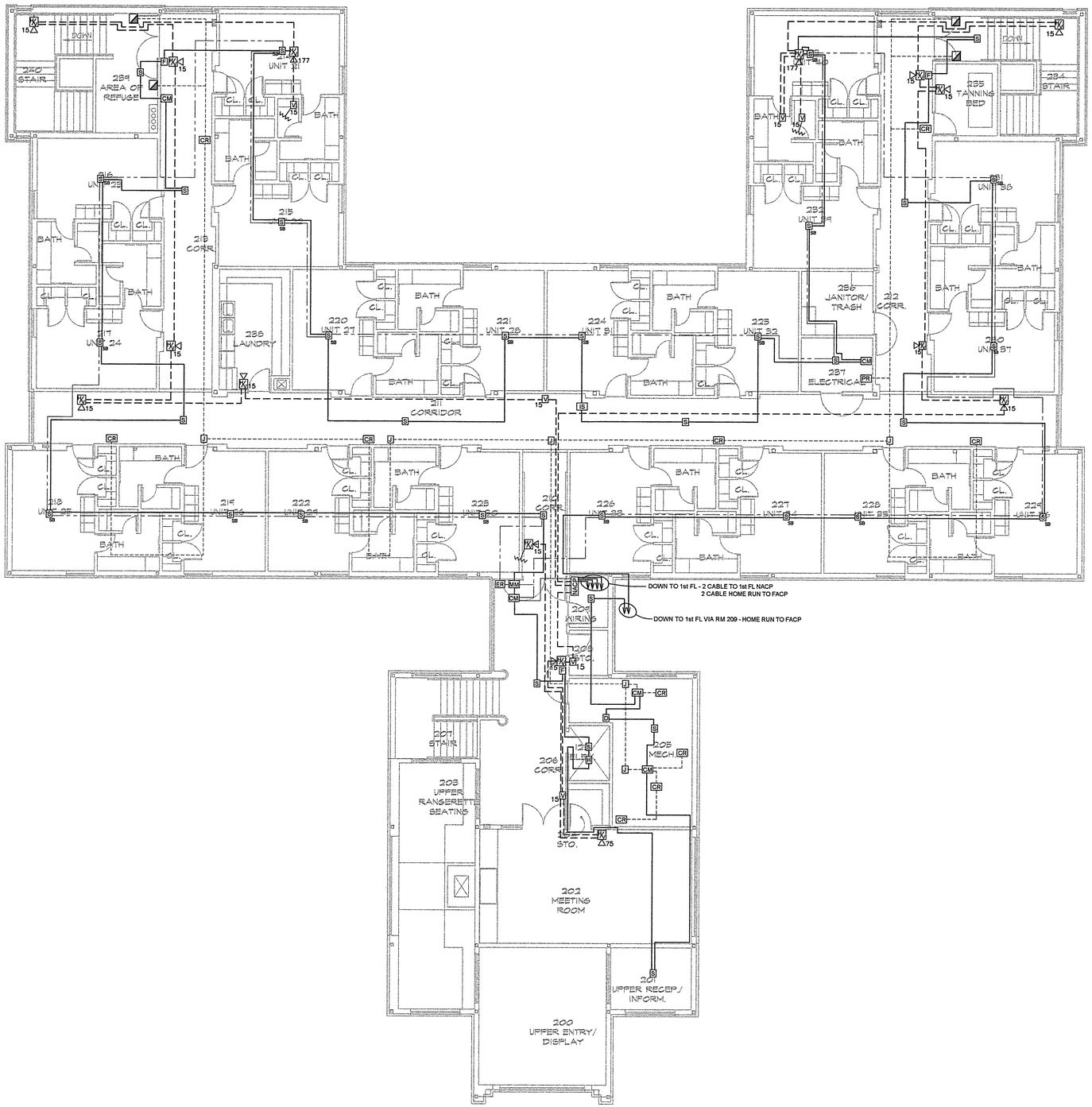
APPROVED BY:
WILLIAM PETERSEN

LICENSE # : APS-0777

DATE: 10/06/06

FA-1

AS-BUILT



01 SECOND FLOOR FIRE ALARM PLAN

SCALE: 1/8" = 1'-0"

FIRE ALARM SYMBOL LEGEND

	DOOR HOLDER - 120 VAC
S	SMOKE DETECTOR - ADDRESSABLE
F	MANUAL PULL STATION - DOUBLE ACTION
H	HEAT DETECTOR
15	HORN STROBE - CANDELA IS INDICATED ADJACENT TO ICON (Ex. 15, 75 or 110)
177	HORN STROBE - CEILING MOUNT
V 30	VISUAL STROBE ONLY - CANDELA IS INDICATED ADJACENT TO ICON (Ex. 30, 75 or 110)
MM	DUAL MONITOR MODULE - ADDRESSABLE
HN	HORN
TS	TAMPER SWITCH
WF	WATER FLOW
D	DUCT DETECTOR
CM	RELAY - ADDRESSABLE CONTROL
J	JUNCTION BOX
PR	POWER RELAY MR-199X-14/C
CR	RELAY - MR101C
M	MONITOR MODULE - SINGLE POINT
B WP	BELL
ER	END OF LINE RELAY
IS	ISOLATOR MODULE
FACP	FIRE ALARM CONTROL PANEL
NACP	NOTIFICATION APPLIANCE CIRCUIT PANEL
	END OF LINE RESISTOR

WIRE LEGEND

- 18 AWG 2 COND FPLP
- 14 AWG 2 COND FPLP
- 120 VAC BY ELECT CONT
- 24 VDC POWER

NOTE: WIRING SIZE & TYPE
ALL INITIATING CIRCUIT 18AWG FPLR
ALL SLC CIRCUITS 18AWG FPLR
ALL INDICATING APPLIANCE WIRE 12AWG FPLR

PLAN NORTH

AmeriQuest Protection Systems
1530 SSW Loop 323
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FIRE ALARM PLAN
GUSSIE NELL DAVIS RANGERETTE RESIDENCE
KILGORE JUNIOR COLLEGE
KILGORE, TEXAS

DRAWN BY:
DWG Drafting Services
17943 Adele Ln.
Whitehouse, TX 75791
(903)-530-0868

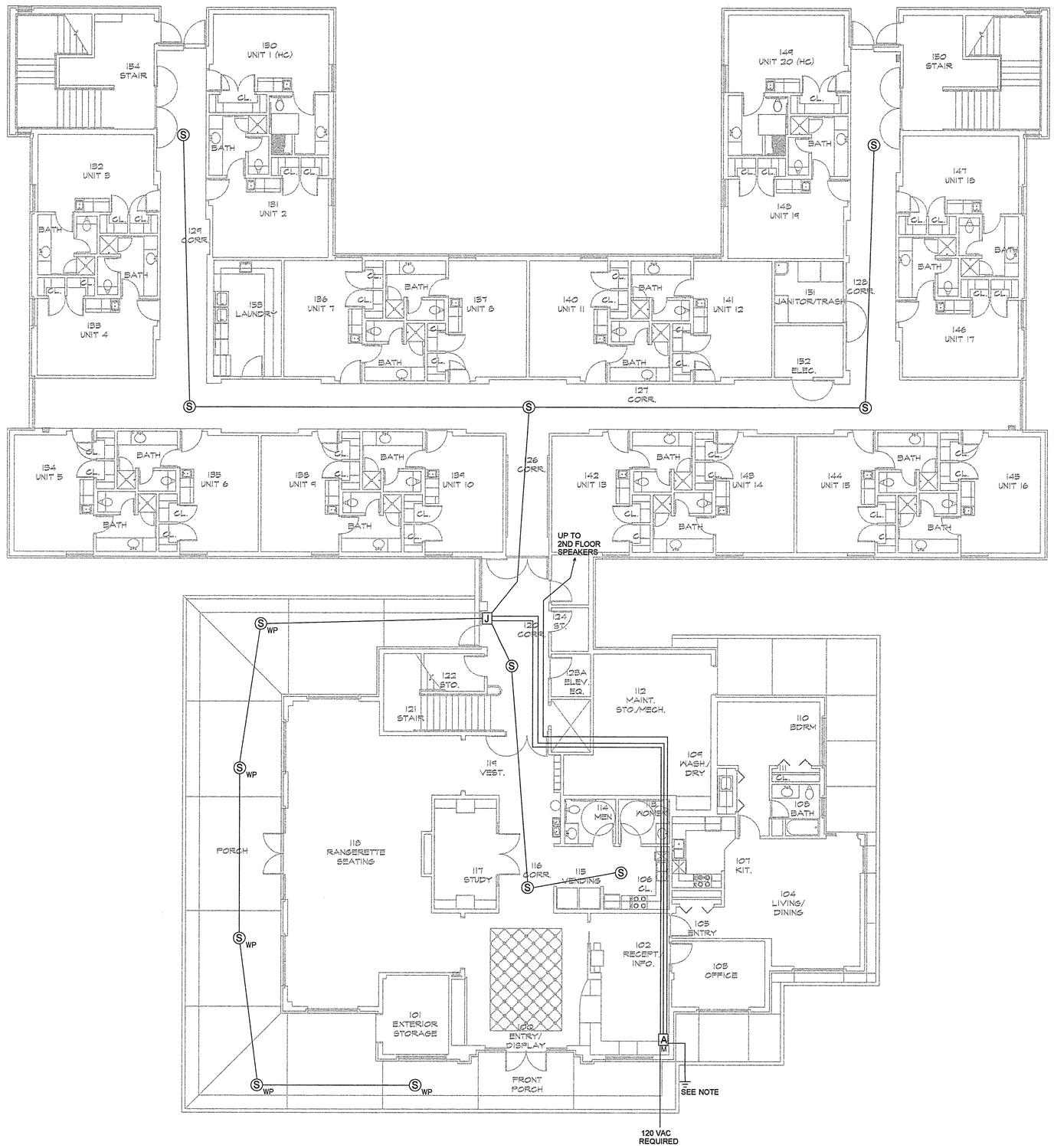
APPROVED BY:
WILLIAM PETERSEN

LICENSE # : APS-0777

DATE: 10/06/06

FA-2

AS-BUILT



01 FIRST FLOOR
SCALE: 1/8" = 1'-0"

INTERCOM SYMBOL LEGEND

(S)	SPEAKER - FLUSH CEILING MOUNTED
(S)WP	SPEAKER - WEATHER PROOF, FLUSH CEILING MOUNTED
AM	AMPLIFIER WITH MICROPHONE
J	JUNCTION BOX

WIRE INFO:
20 AWG OVERALL SHIELDED, 2 CONDUCTOR,
WEST PENN #292

NOTE:
SEPARATE #6 INSULATED GROUND WIRE
REQUIRED FROM AMPLIFIER CASE TO
EARTH GROUND

PLAN NORTH

AmeriQuest Protection Systems
1530 SSW Loop 323
Suite 104
Tyler, Tx. 75701
903-592-9277
Registration No. ACR-2160

PUBLIC ADDRESS SYSTEM
GUSSIE NELL DAVIS RANGERETTE RESIDENCE
KILGORE JUNIOR COLLEGE
KILGORE, TEXAS

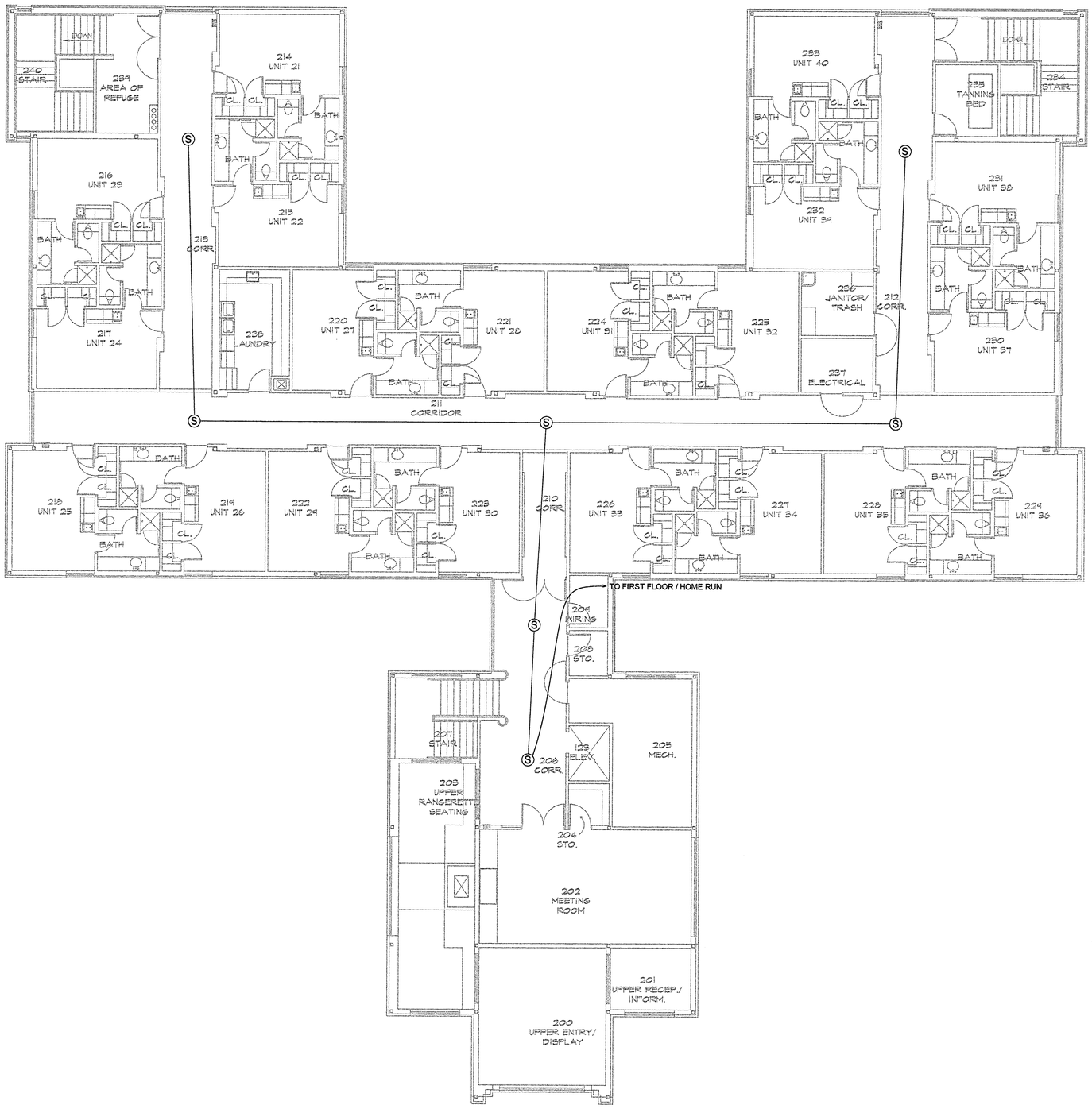
DRAWN BY:
DWG Drafting Services
17943 Adele Ln.
Whitehouse, TX 75791
(903)-530-0868

APPROVED BY:
WILLIAM PETERSEN

APS-0777

DATE: 10/05/06

PA-1
AS-BUILT



01 SECOND FLOOR
SCALE: 1/8" = 1'-0"

PLAN NORTH

INTERCOM SYMBOL LEGEND

(S)	SPEAKER - FLUSH CEILING MOUNTED
(S)WP	SPEAKER - WEATHER PROOF, FLUSH CEILING MOUNTED
AM	AMPLIFIER WITH MICROPHONE
J	JUNCTION BOX

WIRE INFO:
20 AWG OVERALL SHIELDED, 2 CONDUCTOR,
WEST PENN #292

NOTE:
SEPARATE #6 INSULATED GROUND WIRE REQUIRED FROM AMPLIFIER CASE TO EARTH GROUND

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PUBLIC ADDRESS SYSTEM
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KILGORE JUNIOR COLLEGE
KILGORE, TEXAS

DRAWN BY:
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17943 Adele Ln.
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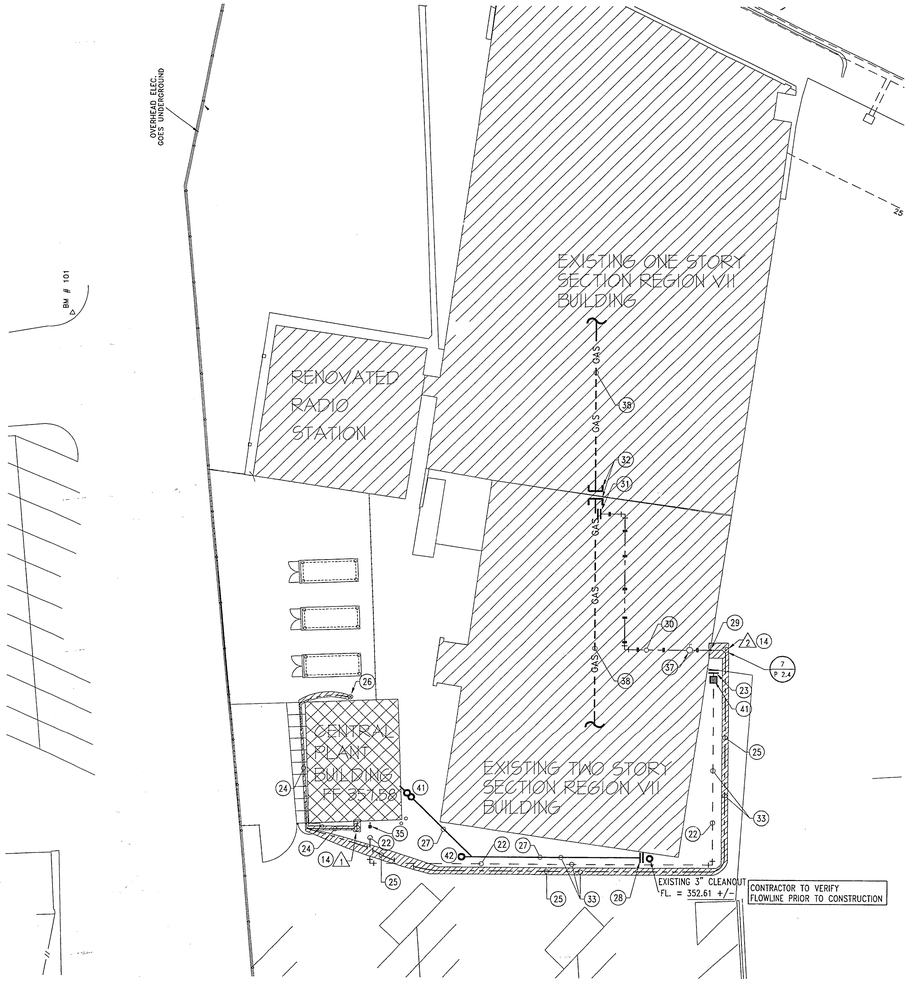
(903)-530-0868

APPROVED BY:
WILLIAM PETERSEN

APS-0777

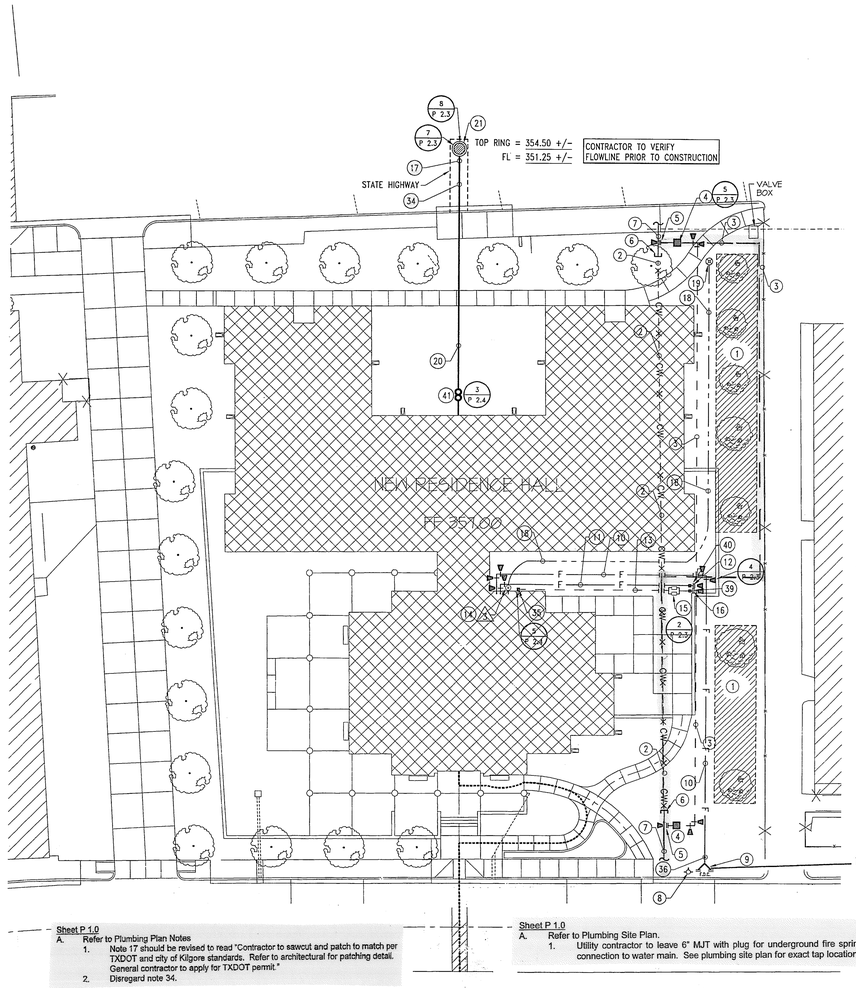
DATE: 10/05/06

PA-2
AS-BUILT



1 PLUMBING CENTRAL PLANT SITE PLAN

1"=20'-0"



2 PLUMBING NEW RESIDENCE HALL SITE PLAN

1"=20'-0"

SEE PR4-R1 Water line Relocate (NEW LOCATION AS SHOWN)

PR10 - C150 Pipe in lieu of C900

SITE PLAN NOTES:

1. ALL UTILITIES IN VICINITY OF EXISTING TREE LINE SHALL BE DIRECTIONAL DRILLED TO ENSURE TREES ARE NOT DAMAGED.
2. EXISTING WATER LINE TO BE ABANDONED. FIELD VERIFY EXACT LOCATION. COORDINATE ROUTING OF EXISTING WATER LINE WITH CITY OF KILGORE AND OWNER. DO NOT TERMINATE OR CUT LINE UNTIL ROUTING OF EXISTING LINE IS DETERMINED.
3. 6" WATER LINE BELOW GRADE. FIELD VERIFY EXACT LOCATION OF EXISTING LINE. COORDINATE ROUTING OF WATER LINE WITH CITY OF KILGORE AND OWNER. DO NOT TERMINATE OR CUT LINE UNTIL ROUTING OF EXISTING LINE IS DETERMINED.
4. INSTALL 6" VALVE
5. CONNECT TO EXISTING 6" WATER LINE. FIELD VERIFY EXACT LOCATION OF EXISTING WATER LINE PRIOR TO CONSTRUCTION.
6. CAP EXISTING WATER LINE
7. EXISTING WATER LINE TO REMAIN. FIELD VERIFY EXACT LOCATION
8. EXISTING FIRE HYDRANT TO REMAIN. FIELD VERIFY EXACT LOCATION.
9. FIRE DEPARTMENT CONNECTION. PLACE WITH IN 50 FEET OF EXISTING FIRE HYDRANT AND 50 FEET OF FIRE LANE.
10. 4" FIRE DEPARTMENT CONNECTION FEED LINE BELOW GRADE.
11. 6" MAIN BUILDING SPRINKLER LINE BELOW GRADE.
12. CONNECT 6" MAIN BUILDING SPRINKLER TO NEW 6" WATER MAIN.
13. 4" WATER LINE BELOW GRADE
14. ACTARIS B34 SERIES REGULATOR. REFER TO GAS METER SCHEDULE ON THIS SHEET FOR MORE DETAILS.

SITE PLAN NOTES (CONTINUED):

15. TWO 2" MAINFOLDED WATER METERS
16. CONNECT 4" WATER LINE TO 6" WATER MAIN.
17. CONTRACTOR TO INSTALL 60 LINEAR FOOTAGE OF JACKTUNNEL OR BORE PER TXDOT STANDARDS. GENERAL CONTRACTOR TO APPLY FOR TXDOT PERMIT.
18. 2" MEDIUM PRESSURE GAS BELOW GRADE.
19. 2" GAS SERVICE FROM METER SET BY LOCAL GAS CO. TOTAL CONNECTED LOAD OF 1300 C.F.H. WITH AN OUTLET PRESSURE OF 5 POUNDS.
20. 6" SANITARY SEWER BELOW GRADE.
21. INSTALL STD 4" DIAMETER MANHOLE TO BE INSTALLED. COORDINATE ALL REQUIREMENTS WITH TXDOT AND CITY OF KILGORE, TEXAS. VERIFY FLOWLINE AND TOP OF RING PRIOR TO CONSTRUCTION. FIELD VERIFY EXACT LOCATION OF MAIN SANITARY PRIOR TO CONSTRUCTION. CONTACT ENGINEER IMMEDIATELY IF TIE-IN CAN NOT BE COMPLETED.
22. 1-1/2" WATER LINE BELOW GRADE.
23. CONNECT 1-1/2" WATER LINE TO EXISTING 2" WATER LINE. FIELD VERIFY EXACT LOCATION OF 2" WATER LINE.
24. 3" MEDIUM PRESSURE GAS SLEEVED BELOW CONCRETE.
25. 1-1/4" MEDIUM PRESSURE GAS SLEEVED BELOW CONCRETE.
26. 3" GAS SERVICE FROM METER SET BY LOCAL GAS CO. TOTAL CONNECTED LOAD OF 10000 C.F.H. WITH AN OUTLET PRESSURE OF 5 POUNDS.
27. 3" SANITARY SEWER SERVICE BELOW GRADE.

SITE PLAN NOTES (CONTINUED):

28. CONNECT TO EXISTING 3" CLEANOUT. COORDINATE ALL REQUIREMENTS WITH CITY OF KILGORE, TEXAS. VERIFY FLOWLINE PRIOR TO CONSTRUCTION. FIELD VERIFY EXACT LOCATION OF CLEANOUT PRIOR TO CONSTRUCTION. CONTACT ENGINEER IMMEDIATELY IF TIE-IN CAN NOT BE COMPLETED.
29. 2" LOW PRESSURE GAS ALONG EXTERIOR WALL TO ROOF.
30. 2" LOW PRESSURE GAS ON ROOF. COORDINATE ROUTING WITH EXISTING MECHANICAL UNITS. FIELD VERIFY EXACT LOCATION OF EXISTING MECHANICAL UNITS.
31. CONNECT 2" LOW PRESSURE GAS ON ROOF TO EXISTING 2" LOW PRESSURE GAS ON ROOF. FIELD VERIFY LOCATION OF EXISTING GAS.
32. CAP LOW PRESSURE GAS ON UPPER ROOF TO ALLOW FOR BOTH BUILDINGS TO FUNCTION ON SEPARATE METERS.
33. CONTRACTOR TO SAW-CUT EXISTING CONCRETE DRIVE FOR INSTALLATION OF NEW PIPING AND PATCH TO MATCH EXISTING
34. REFER TO TXDOT SPECIFICATIONS FOR TYPE OF BORE AND SIZE OF CASING REQUIRED.
35. COLD WATER VALVE BOX
36. 4" FEED LINE STUB UP TO FIRE DEPARTMENT CONNECTION
37. GAS ISOLATION VALVE
38. LOW PRESSURE EXISTING GAS LINE ON ROOF FIELD VERIFY FOR EXACT ROUTING

SITE PLAN NOTES (CONTINUED):

39. INSTALL 6" x 4" TAPPING SLEEVE AND VALVE
40. INSTALL 6" TAPPING SLEEVE AND VALVE
41. INSTALL 1-1/2" VALVE
41. TWO CLEANOUT
42. EXTERIOR GROUND CLEANOUT

GENERAL NOTES:

1. CONTRACTOR AND SUBCONTRACTORS SHALL VERIFY LOCATION, CONDUCT TEST AND INSPECTIONS, COORDINATE WITH UTILITIES, OWNER'S REPRESENTATIVES, AND CHECK FOR ALL UNDERGROUND UTILITIES AND LINES BEFORE DITCHING TAKES PLACE. CONTRACTOR AND SUBCONTRACTORS PERFORMING THESE DUTIES SHALL BE RESPONSIBLE FOR ANY REPAIRS OF CUT OR DAMAGED LINES AND UTILITIES. THERE ARE LINES AND UTILITIES NOT SHOWN ON PLANS
2. ALL INSTALLATIONS SHALL BE PER THE CITY OF KILGORE, TEXAS. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE CITY FOR ALL OF THE NECESSARY TAPS REQUIRED, MANHOLES, WATER METERS, BACKFLOW PREVENTERS, DETECTOR CHECKS, ETC. AS REQUIRED.
3. IT IS THE RESPONSIBILITY OF THIS CONTRACTOR TO COORDINATE WITH THE CITY OF KILGORE, TEXAS ANY REQUIRED STREET BORINGS (WET OR DRY) FOR NEW UTILITY TIE-INS.
4. LOCAL GAS COMPANY TO PROVIDE AND SET NEW GAS METER AS LOCATED ON PLANS. CENTRAL PLANT METER TOTAL CONNECTED LOAD IS 10000 C.F.H. WITH AN OUTLET PRESSURE OF 5 LBS. NEW RESIDENCE HALL METER TOTAL CONNECTED LOAD IS 1300 C.F.H. WITH AN OUTLET PRESSURE OF 5 LBS.
5. IT IS THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO COORDINATE ALL UTILITY CONNECTIONS WITH UTILITY CONTRACTOR PRIOR TO CONSTRUCTION.
6. CONTRACTOR TO VERIFY ALL EXISTING UTILITES AND REPORT TO THE ENGINEER ANY DISCREPENCIES OR CONFLICTS TO AVOID ALTERATIONS. IF ANY, ENGINEER WILL APPROVE ALL REQUIRED RELOCATIONS.

GENERAL NOTES (CONTINUED):

7. CONTRACTOR TO VERIFY ALL INVERTS, ELEVATIONS, AND CLEANOUT DEPTHS PRIOR TO START OF CONSTRUCTION. CONTRACTOR WILL NOTIFY ENGINEER IMMEDIATELY IF TIE-IN CAN NOT BE MADE.
8. ALL MAINS WILL BE BURIED AT A MINIMUM DEPTH OF 42" BELOW TOP ADJACENT CURB OR AT A DEPTH SPECIFIED BY THE ENGINEER.
9. SANITARY SEWER PIPE SHALL BE PVC, SDR 35 OR GREATER.
10. ALL WATER MAIN PIPES TO BE AWWA STANDARD C900 PVC PIPE CLASS 200 (DRI 14).
11. ALL FIRE LINES SHALL BE INSTALLED BY A LICENSED STATE OF TEXAS SPRINKLER CONTRACTOR.
12. COORDINATE ALL UNDERGROUND UTILITIES WITH MECHANICAL, ELECTRICAL, AND FIBEROPTICS PIPING. REFER TO MEP OVERALL SITE PLAN, MECHANICAL, AND ELECTRICAL SITE PLAN FOR POSSIBLE UTILITY CONFLICTS.
13. REFER TO ARCHITECTURAL SHEETS FOR ALL SURFACE DRAINAGE.
14. NO SANITARY SEWER PIPE SHALL BE INSTALLED IN VOID.
15. INSTALL MANHOLE FLUSH WITH GROUND PER TXDOT AND CITY OF KILGORE SPECIFICATIONS.
16. FURNISH AND INSTALL GAS CUT-OFF VALVES UPSTREAM OF EACH GAS REGULATOR. FURNISH AND INSTALL CUT-OFF VALVES AT EACH EQUIPMENT TIE-IN AND VERTICAL RISER.
17. ALL GAS CUT-OFF VALVES TO BE INSTALLED AT 3 OR 9 O'CLOCK POSITION.

GENERAL NOTES (CONTINUED):

18. THIS DESIGN UTILIZES A CONVERSION FACTOR OF 1000 B.T.U.H. PER C.F.H.
19. GAS ROOF SUPPORTS ARE SHOWN SCHEMATICALLY. FURNISH AND INSTALL AT REQUIRED SPACINGS.

CENTRAL PLANT METER GAS REGULATOR SCHEDULE

⚠	MANUFACTURER	C.F.H.	IN	OUT
1	ACTARIS B34	8500	3"	4"
2	ACTARIS B34	1500	1-1/2"	2"
TOTAL CONNECTED GAS LOAD		10000 C.F.H.		

RESIDENCE HALL METER GAS REGULATOR SCHEDULE

⚠	MANUFACTURER	C.F.H.	IN	OUT
3	ACTARIS B34	1000	2"	2"
TOTAL CONNECTED GAS LOAD		1300 C.F.H.		

RFI - 119 GAS METER COST

SUBMISSION OF BID WILL BE CONSIDERED ACKNOWLEDGMENT THAT THE CONTRACTOR HAS VISITED THE SITE AND HAS VERIFIED ALL EXISTING JOB CONDITIONS AND INCLUDED ANY NECESSARY MODIFICATION TO EXISTING AND NEW WORK REQUIRED FOR INSTALLATION OF A COMPLETE AND WORKING SYSTEM.

6/15/05

ROBERT E. CLIVER
REGISTERED PROFESSIONAL ENGINEER
79285

June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 •PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 •Fax 903.753.7317
Email: TDA@T-DArchitects.com
www.T-DArchitects.com

MEP ENGINEER

EMA
www.estesmcclure.com
Estes, McClure & Associates, Inc.
Engineering & Consulting
3608 West Way
Tyler, Texas 75703
phone: 903-581-2677 fax: 903-581-2721

KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE

Kilgore, Texas

FILE NAME:

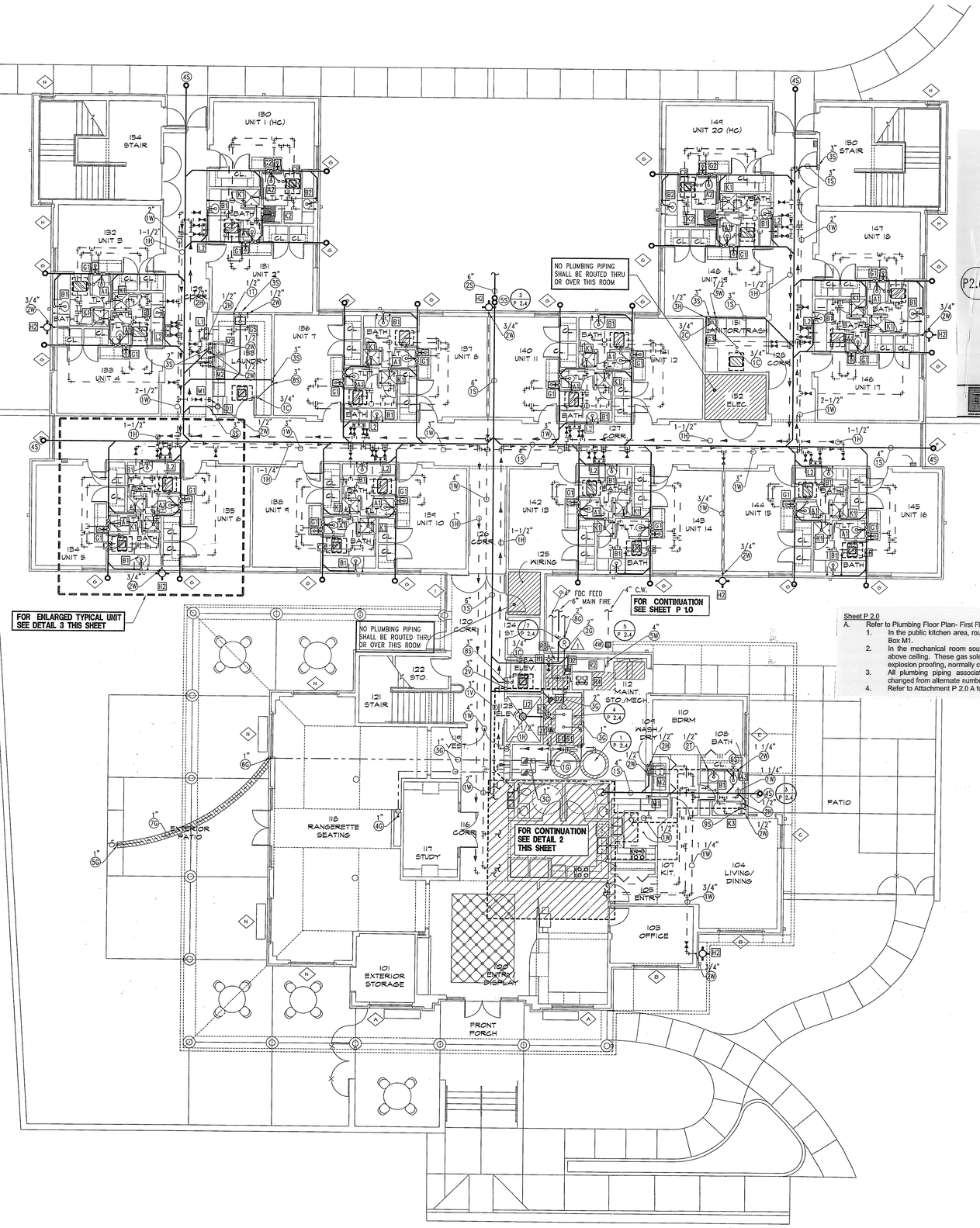
PROJECT NUMBER: 0421

SHEET CONTENTS:

PLUMBING SITE PLAN

P 1.0

6/15/05

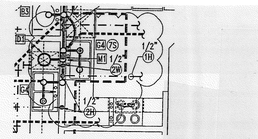


PLUMBING FLOOR PLAN- FIRST FLOOR

1 — 1/8"=1'-0"

Sheet P 2.0

A. Refer to Plumbing Floor Plan- First Floor.
1. In the public kitchen area, route a ½ inch cold water supply line to the Icemaker Box M1.
2. In the mechanical room south of the elevator two gas solenoids are located above ceiling. These gas solenoids should be Asco 8210 Series with natural gas explosion proofing, normally closed, and 120 volts.
3. All plumbing piping associated with the outdoor cooking center should be changed from alternate number two to base bid.
4. Refer to Attachment P 2.0 A for revised sink/dishwasher location in Kitchen 107.



REVISED SINK/DISHWASHER LOCATION KITCHEN 107

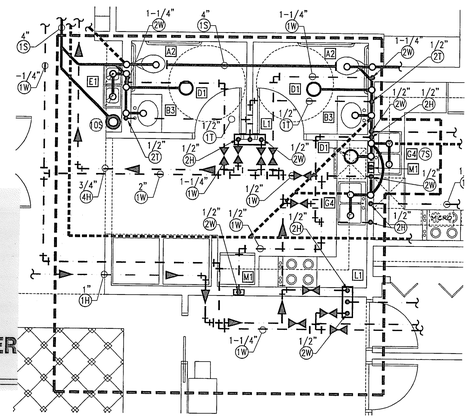
P2.0A — 1/4"=1'-0"

ROBERT E. CLIVER 70125 REGISTERED PROFESSIONAL ENGINEER 6/22/05

Estes, McClure & Associates, Inc. Engineering & Consulting, 3608 West Way, Tyler, Texas 75703

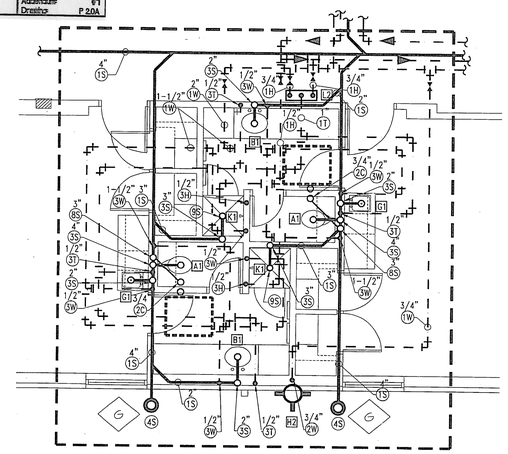
KILGORE COLLEGE GUSSIE NELL DAVIS RANGERETTE RESIDENCE HALL, KILGORE, TEXAS

Proj # 7051 | Date 6/28/2005 | Addendum 6/1 | Drawing P 2.0A



PLUMBING ENLARGED KITCHEN PLAN

2 — 1/4"=1'-0"



PLUMBING ENLARGED TYPICAL UNIT

3 — 1/4"=1'-0"

RFI #115 DOWNSPOUT CONFLICT WITH COLUMN 10/5

SANITARY SEWER PLAN NOTES:

(1S) SANITARY SEWER BELOW BUILDING

(2S) SANITARY SEWER BELOW GRADE

(3S) SANITARY SEWER DOWN FROM ABOVE

(4S) ONE-WAY EXTERIOR CLEANOUT

(5S) TWO-WAY EXTERIOR CLEANOUT

(6S) WALL CLEANOUT (MOUNT 2" ABOVE FLOOD RIM OF HIGHEST FIXTURE)

(7S) CONTRACTOR TO CONNECT DISHWASHER TO SINK

(8S) PROVIDE 3" HUB DRAIN IN CHASE BEHIND ACCESS DOOR. HUB DRAIN TO HAVE P-TRAP AND TRAP PRIMER TAP. SEE DETAIL 2 SHEET P 2.3.

(9S) REFER TO SHOWER CUT SHEET FOR EXACT SHOWER DRAIN ROUGH-IN LOCATION.

(10S) ONE-WAY INTERIOR CLEANOUT

DOMESTIC HOT WATER PLAN NOTES:

(1H) HOT WATER SUPPLY ABOVE CEILING

(2H) HOT WATER DOWN IN WALL/CHASE

(3H) HOT WATER DOWN TO FIRST FLOOR FIXTURE AND STUB UP TO SECOND FLOOR FIXTURE IN WALL

(4H) HOT WATER RETURN ABOVE CEILING

CONDENSATE PIPING PLAN NOTES:

(1C) CONDENSATE TIE-IN TO AIR HANDLER WITH P-TRAP AND ROUTE DOWN TO 3" HUB DRAIN

(2C) CONDENSATE DRAIN DOWN TO MOP SINK.

TEMPERED WATER PIPNG PLAN NOTES;

(1T) TEMPERED WATER ABOVE CEILING

(2T) TEMPERED WATER DOWN IN WALL/CHASE

(3T) TEMPERED WATER DOWN TO FIRST FLOOR FIXTURE AND STUB UP TO SECOND FLOOR FIXTURE IN WALL

GAS PIPING PLAN NOTES:

(1G) ALL PIPING ASSOCIATED WITH THIS LINE IS FOR ALTERNATE NUMBER TWO, OUTDOOR COOKING CENTER

(2G) LOW PRESSURE GAS PIPING STUB-UP ABOVE FINISHED FLOOR AND SLEEVE THRU EXTERIOR WALL

(3G) LOW PRESSURE GAS PIPING SLEEVED ABOVE CEILING

(4G) LOW PRESSURE GAS PIPING STUB DOWN TO GAS FIREPLACE. SEE MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION REQUIREMENTS.

(5G) LOW PRESSURE GAS PIPING STUB-UP TO OUTDOOR COOKING CENTER (ALTERNATE TWO).

(6G) LOW PRESSURE GAS PIPING DOWN IN WALL

(7G) LOW PRESSURE GAS PIPING SLEEVED BELOW CONCRETE

(8G) MEDIUM PRESSURE GAS PIPING BELOW GRADE

DOMESTIC COLD WATER PLAN NOTES:

(1W) COLD WATER ABOVE CEILING

(2W) COLD WATER DOWN IN WALL/CHASE

(3W) COLD WATER DOWN TO FIRST FLOOR FIXTURE AND STUB UP TO SECOND FLOOR FIXTURE IN WALL

(4W) COLD WATER VALVE BOX BELOW GRADE

(5W) COLD WATER STUB-UP FROM BELOW SLAB

VENT PIPING PLAN NOTES:

(1V) VENT PIPING ABOVE CEILING

(2V) VENT PIPING UP TO SECOND FLOOR

GENERAL NOTES:

1. PLUMBING CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR A.D.A. PLUMBING FIXTURE AND STANDARD MOUNTING HEIGHTS.
2. PLUMBING CONTRACTOR TO COORDINATE ALL PIPING ROUTING ABOVE WITH MECHANICAL AND ELECTRICAL CONTRACTORS BEFORE INSTALLING.
3. ALL VALVES SHALL BE INSTALLED NO HIGHER THAN 2'-0" ABOVE THE CEILING. ACCESS DOORS TO BE INSTALLED AT ALL HARD CEILING LOCATIONS.
4. ALL PIPING PENETRATIONS SHALL BE SLEEVED. COMPLETELY GROUT AROUND OUTSIDE OF SLEEVE AND FILL SLEEVE VOID AROUND PIPE WITH FIBERFRAX FYRE-PUTTY.
5. AT ALL DISSIMILAR METAL CONNECTIONS, PROVIDE AND INSTALL DIELECTRIC UNIONS IMMEDIATELY TO MINIMIZE USE OF GALVANIZED PIPE MATERIAL.
6. PLUMBING CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL CONTRACTOR MOUNTING HEIGHTS OF ALL AIR HANDLERS TO GUARANTEE POSITIVE DRAINAGE OF ALL CONDENSATE DRAINS (1/8" PER FT. SLOPE - MINIMUM).
7. MECHANICAL CONTRACTOR TO PROVIDE TO THE PLUMBING CONTRACTOR THE RECOMMENDED AC MANUFACTURERS' DATA FOR CONDENSATE TRAPS PER EACH TYPE OF UNIT.
8. PLUMBING CONTRACTOR TO PROVIDE TRAP PRIMERS TO ALL FLOOR DRAINS AND FLOOR SINKS.
9. MOUNT A.D.A. FLUSH CONTROLS TO WIDE SIDE OF STALL.
10. PLUMBING CONTRACTOR TO PROVIDE A CLEANOUT FOR EACH LAVATORY AND SINK.
11. SEE SHEET P 2.4 FOR PLUMBING SYMBOLS.

SUBMISSION OF BID WILL BE CONSIDERED ACKNOWLEDGMENT THAT THE CONTRACTOR HAS VISITED THE SITE AND HAS VERIFIED ALL EXISTING JOB CONDITIONS AND INCLUDED ANY NECESSARY MODIFICATION TO EXISTING AND NEW WORK REQUIRED FOR INSTALLATION OF A COMPLETE AND WORKING

ROBERT E. CLIVER 70125 REGISTERED PROFESSIONAL ENGINEER

June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 Fax 903.753.7317
Email TDA@T-DArchitects.com
www.T-DArchitects.com

MEP ENGINEER
EMA
www.estesmcclure.com
Estes, McClure & Associates, Inc.
Engineering & Consulting
3608 West Way
Tyler, Texas 75703
phone: 903-581-2677 fax: 903-581-2721

KILGORE COLLEGE

GUSSIE NELL-DAVIS RANGERETTE RESIDENCE

Kilgore, Texas

FILE NAME:

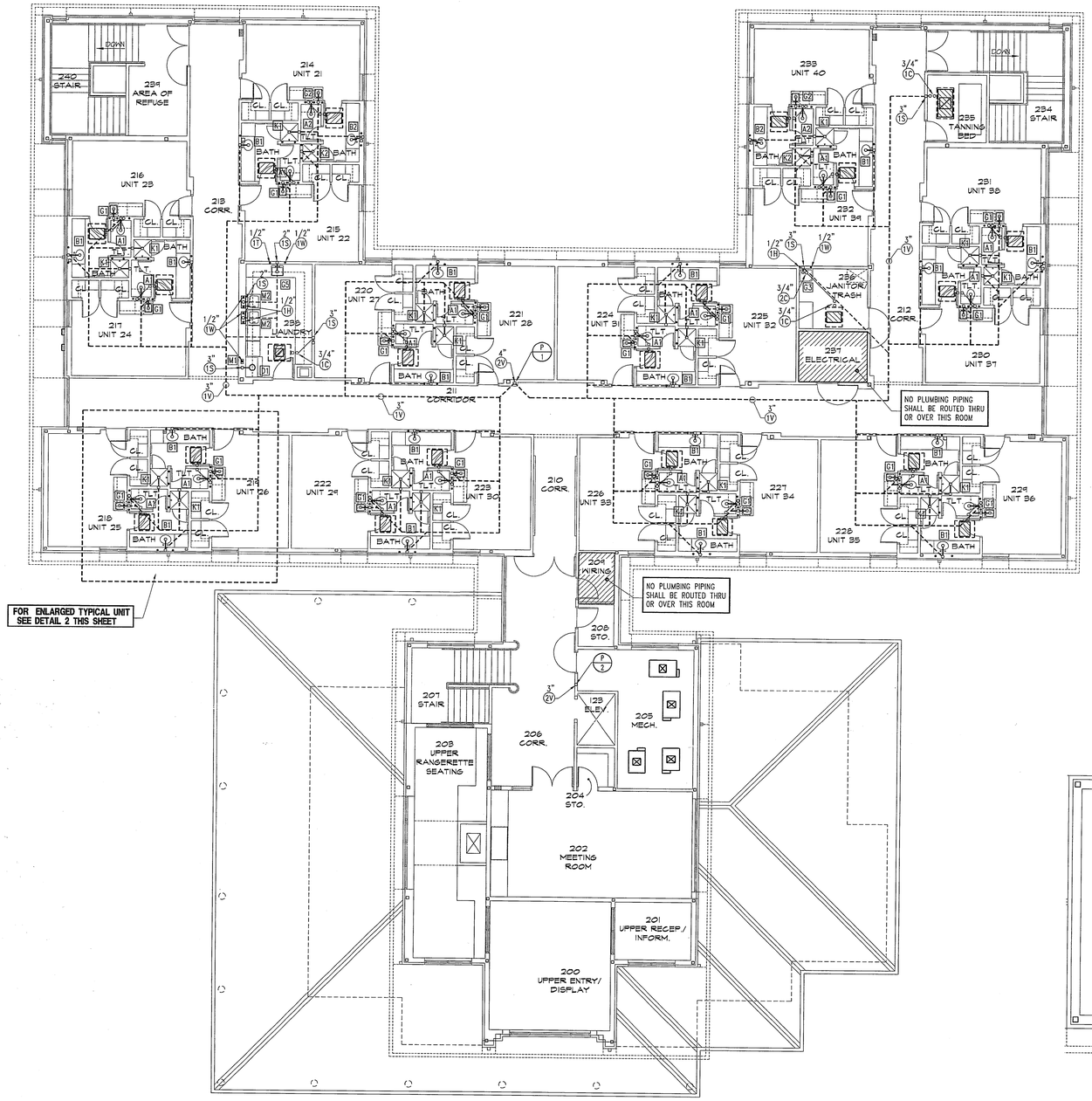
PROJECT NUMBER: 0421

SHEET CONTENTS:

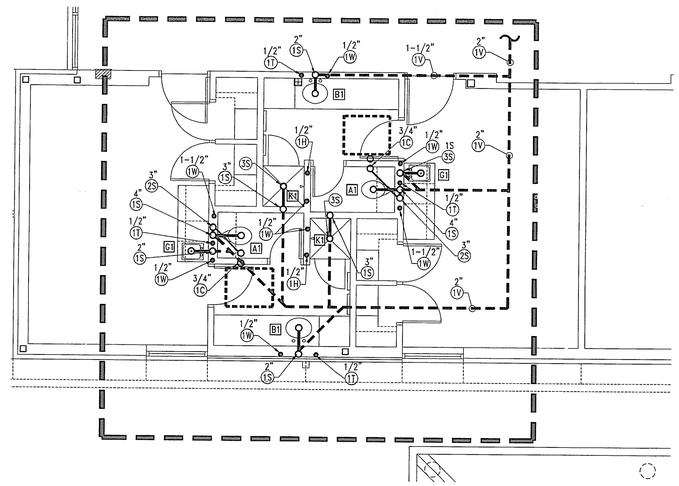
PLUMBING
FLOOR PLAN
FIRST FLOOR

P 2.0

6/15/05



1 **PLUMBING**
FLOOR PLAN- SECOND FLOOR
1/8"=1'-0"



2 **PLUMBING**
ENLARGED TYPICAL UNIT
1/4"=1'-0"

SANITARY SEWER PLAN NOTES:

(1S) SANITARY SEWER DOWN TO FIRST FLOOR

(2S) PROVIDE 3" HUB DRAIN IN CHASE BEHIND ACCESS DOOR. HUB DRAIN TO HAVE P-TRAP AND TRAP PRIMER TAP. SEE DETAIL 2 SHEET P 2.4

(3S) REFER TO SHOWER CUT SHEET FOR EXACT SHOWER DRAIN ROUGH-IN LOCATION.

DOMESTIC COLD WATER PLAN NOTES:

(1W) COLD WATER UP FROM FIRST FLOOR

TEMPERED WATER PLAN NOTES:

(1T) TEMPERED WATER UP FROM FIRST FLOOR

DOMESTIC HOT WATER PLAN NOTES:

(1H) HOT WATER UP FROM FIRST FLOOR

CONDENSATE PIPING PLAN NOTES:

(1C) CONDENSATE TIE-IN TO AIR HANDLER WITH P-TRAP AND ROUTE DOWN TO 3" HUB DRAIN

(2C) CONDENSATE DRAIN TO MOP SINK

VENT PIPING PLAN NOTES:

(1V) VENT PIPING ABOVE CEILING

(2V) VENT PIPING UP THRU ROOF

GENERAL NOTES:

1. PLUMBING CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR A.D.A. PLUMBING FIXTURE AND STANDARD MOUNTING HEIGHTS.
2. PLUMBING CONTRACTOR TO COORDINATE ALL PIPING ROUTING ABOVE WITH MECHANICAL AND ELECTRICAL CONTRACTORS BEFORE INSTALLING.
3. ALL VALVES SHALL BE INSTALLED NO HIGHER THAN 2'-0" ABOVE THE CEILING. ACCESS DOORS TO BE INSTALLED AT ALL HARD CEILING LOCATIONS.
4. ALL PIPING PENETRATIONS SHALL BE SLEEVED. COMPLETELY GROUT AROUND OUTSIDE OF SLEEVE AND FILL SLEEVE VOID AROUND PIPE WITH FIBERFRAX FYRE-PUTTY.
5. AT ALL DISSIMILAR METAL CONNECTIONS, PROVIDE AND INSTALL DIELECTRIC UNIONS IMMEDIATELY TO MINIMIZE USE OF GALVANIZED PIPE MATERIAL.
6. PLUMBING CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL CONTRACTOR MOUNTING HEIGHTS OF ALL AIR HANDLERS TO GUARANTEE POSITIVE DRAINAGE OF ALL CONDENSATE DRAINS (1/8" PER FT. SLOPE - MINIMUM).
7. MECHANICAL CONTRACTOR TO PROVIDE TO THE PLUMBING CONTRACTOR THE RECOMMENDED AC MANUFACTURERS' DATA FOR CONDENSATE TRAPS PER EACH TYPE OF UNIT.
8. PLUMBING CONTRACTOR TO PROVIDE TRAP PRIMERS TO ALL FLOOR DRAINS AND FLOOR SINKS.
9. MOUNT A.D.A. FLUSH CONTROLS TO WIDE SIDE OF STALL.
10. PLUMBING CONTRACTOR TO PROVIDE A CLEANOUT FOR EACH LAVATORY AND SINK.
11. SEE SHEET P 2.4 FOR PLUMBING SYMBOLS.

SUBMISSION OF BID WILL BE CONSIDERED ACKNOWLEDGMENT THAT THE CONTRACTOR HAS VISITED THE SITE AND HAS VERIFIED ALL EXISTING JOB CONDITIONS AND INCLUDED ANY NECESSARY MODIFICATION TO EXISTING AND NEW WORK REQUIRED FOR INSTALLATION OF A COMPLETE AND WORKING SYSTEM.

ROBERT E. CLIVER
70125
REGISTERED PROFESSIONAL ENGINEER
June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 •PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 •Fax 903.753.7317
Email T D A @ T D Architects.com
www.T-DArchitects.com

MEP ENGINEER
EMA
www.estesmcclure.com
Estes, McClure & Associates, Inc.
Engineering & Consulting
3608 West Way
Tyler, Texas 75703
phone: 903-581-2677 fax: 903-581-2721

KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE

Kilgore, Texas

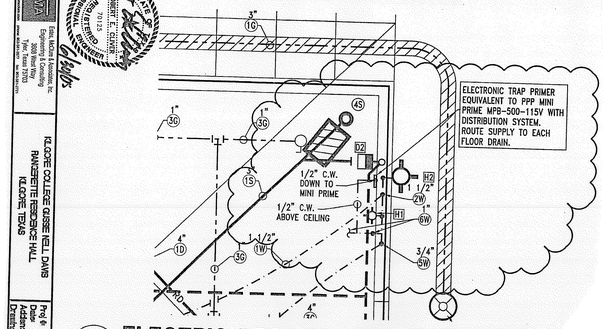
FILE NAME:

PROJECT NUMBER:
0421

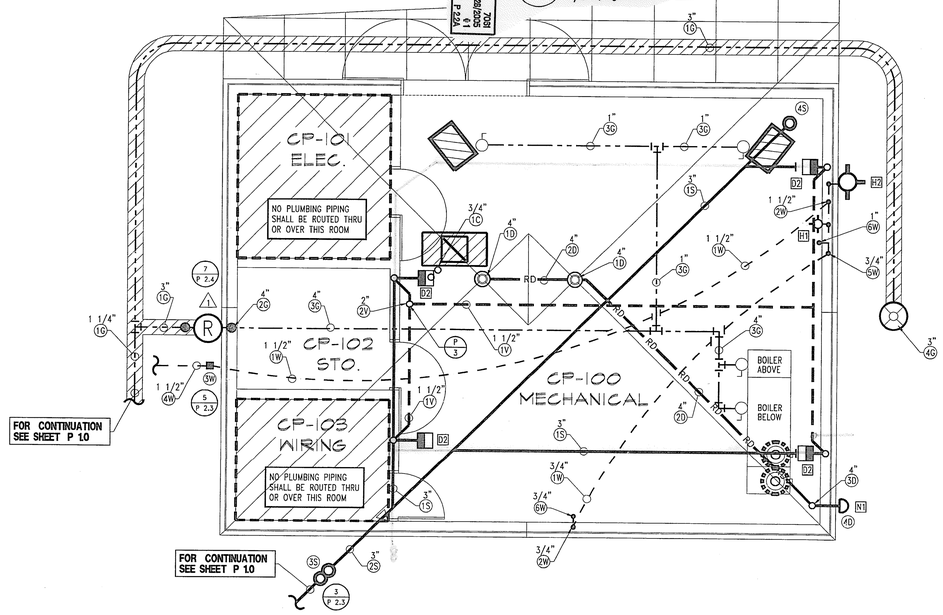
SHEET CONTENTS:
PLUMBING
FLOOR PLAN
SECOND FLOOR

P
2.1

Sheet P 2.2
A. Refer to Plumbing Central Plant Overall Floor Plan.
1. Refer to Attachment P 2.2 A.



P2.2.A **ELECTRIC TRAP PRIMER ADDITION**
1/4"=1'-0"



1 **PLUMBING CENTRAL PLANT OVERALL FLOOR PLAN**
1/4"=1'-0"

SANITARY SEWER PLAN NOTES:

(1S) SANITARY SEWER BELOW BUILDING
(2S) SANITARY SEWER BELOW GRADE
(3S) TWO-WAY EXTERIOR CLEANOUT
(4S) ONE WAY EXTERIOR CLEANOUT

CONDENSATE PIPING PLAN NOTES:

(1C) CONDENSATE TIE-IN TO AIR HANDLER WITH P-TRAP AND ROUTE DOWN TO FLOOR DRAIN

DOMESTIC COLD WATER PLAN NOTES:

(1W) COLD WATER BELOW BUILDING
(2W) COLD WATER STUB-UP FROM BELOW SLAB
(3W) COLD WATER VALVE BOX BELOW GRADE
(4W) COLD WATER BELOW SLAB
(5W) COLD WATER STUB DOWN
(6W) COLD WATER STUB OUT. COORDINATE WITH MECHANICAL FOR EXACT LOCATION

GAS PIPING PLAN NOTES:

(1G) MEDIUM PRESSURE GAS PIPING SLEEVED BELOW CONCRETE
(2G) LOW PRESSURE GAS PIPING STUB-UP 2'-0" ABOVE FINISHED FLOOR AND SLEEVE THRU EXTERIOR WALL
(3G) LOW PRESSURE GAS PIPING SLEEVED ABOVE CEILING
(4G) LOCAL GAS COMPANY TO PROVIDE AND SET NEW GAS METER AS LOCATED ON PLANS. CENTRAL PLANT METER TOTAL CONNECTED LOAD IS 10000 C.F.H. WITH AN OUTLET PRESSURE OF 5 LBS.

VENT PIPING PLAN NOTES:

(1V) VENT PIPING ABOVE CEILING
(2V) VENT PIPING THRU ROOF

STORM DRAIN PLAN NOTES:

(1D) PRIMARY ROOF DRAIN
(2D) ROOF DRAIN LATERAL ABOVE CEILING
(3D) EXPOSED DOWNSPOUT
(4D) REFER TO ARCHITECTURAL FOR SURFACE DRAINAGE

GENERAL NOTES:

1. PLUMBING CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR A.D.A. PLUMBING FIXTURE AND STANDARD MOUNTING HEIGHTS.
2. PLUMBING CONTRACTOR TO COORDINATE ALL PIPING ROUTING ABOVE WITH MECHANICAL AND ELECTRICAL CONTRACTORS BEFORE INSTALLING.
3. ALL VALVES SHALL BE INSTALLED NO HIGHER THAN 2'-0" ABOVE THE CEILING. ACCESS DOORS TO BE INSTALLED AT ALL HARD CEILING LOCATIONS.
4. ALL PIPING PENETRATIONS SHALL BE SLEEVED. COMPLETELY GROUT AROUND OUTSIDE OF SLEEVE AND FILL SLEEVE VOID AROUND PIPE WITH FIBERFRAX FYRE-PUTTY.
5. AT ALL DISSIMILAR METAL CONNECTIONS, PROVIDE AND INSTALL DIELECTRIC UNIONS IMMEDIATELY TO MINIMIZE USE OF GALVANIZED PIPE MATERIAL.
6. PLUMBING CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL CONTRACTOR MOUNTING HEIGHTS OF ALL AIR HANDLERS TO GUARANTEE POSITIVE DRAINAGE OF ALL CONDENSATE DRAINS (1/8" PER FT. SLOPE - MINIMUM).
7. MECHANICAL CONTRACTOR TO PROVIDE TO THE PLUMBING CONTRACTOR THE RECOMMENDED AC MANUFACTURERS' DATA FOR CONDENSATE TRAPS PER EACH TYPE OF UNIT.
8. PLUMBING CONTRACTOR TO PROVIDE TRAP PRIMERS TO ALL FLOOR DRAINS AND FLOOR SINKS.
9. DO NOT INSTALL PLUMBING VENTS WITHIN 10'-0" OF ANY ROOFTOP UNITS OR FRESH AIR UNITS/INTAKES. COORDINATE WITH MECHANICAL CONTRACTOR.
10. PLUMBING CONTRACTOR TO PROVIDE A CLEANOUT FOR EACH LAVATORY AND SINK
11. SEE SHEET P 2.4 FOR PLUMBING SYMBOLS.

SUBMISSION OF BID WILL BE CONSIDERED ACKNOWLEDGMENT THAT THE CONTRACTOR HAS VISITED THE SITE AND HAS VERIFIED ALL EXISTING JOB CONDITIONS AND INCLUDED ANY NECESSARY MODIFICATION TO EXISTING AND NEW WORK REQUIRED FOR INSTALLATION OF A COMPLETE AND WORKING SYSTEM.

ROBERT E. CLIVER 70125 REGISTERED PROFESSIONAL ENGINEER
June 14, 2005
THACKER | DAVIS ARCHITECTS INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 P.O Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 Fax 903.753.7317
Email: TDA@T-DArchitects.com
www.T-DArchitects.com
MEP ENGINEER
EMA
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Estes, McClure & Associates, Inc.
Engineering & Consulting
3608 West Way
Tyler, Texas 75703
phone: 903-581-2677 fax: 903-581-2721

KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE

Kilgore, Texas

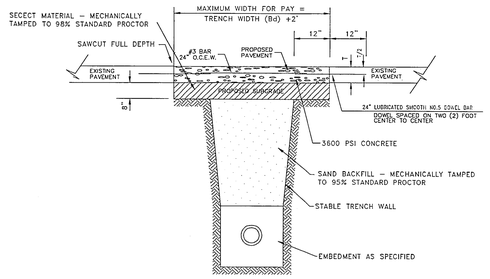
FILE NAME:

PROJECT NUMBER: 0421

SHEET CONTENTS:
CENTRAL PLANT BUILDING
PLUMBING FLOOR PLAN

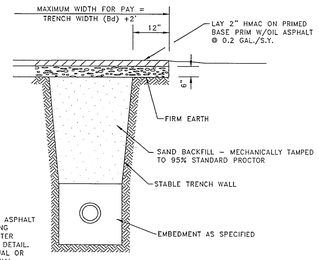
P 2.2

EMA	Estes, McClure & Associates, Inc. Engineering & Consulting 3608 West Way Tyler, Texas 75703	
KILGORE COLLEGE GUSSIE NELL DAVIS RANGERETTE RESIDENCE KILGORE, TEXAS	Proj #	7018
	Date	6/28/2005
	Addendum Drawings	01 P 2.2A



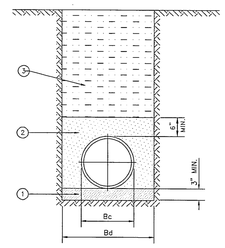
NOTES:
1. NO. 5 SMOOTH DOWEL BAR MAY BE USED IN 5", 6" AND 7" PAVEMENT THICKNESS.
2. LONGITUDINAL BUTT CONSTRUCTION MAY BE UTILIZED IN PLACE OF LONGITUDINAL HINGED (KEYWAY) JOINT AT CONTRACTOR'S OPTION.
3. DOWEL BARS SHALL BE DRILLED INTO PAVEMENT HORIZONTALLY BY USE OF A MECHANICAL RIG.
   DRILLING BY HAND IS NOT APPLICABLE. PUSHING DOWEL BARS INTO GREEN CONCRETE IS NOT ACCEPTABLE.

1 EMBEDMENT UNDER CONCRETE STREETS AND PAVEMENT REPAIR
N.T.S.



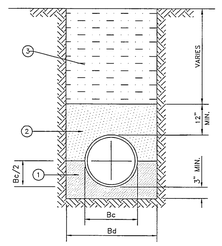
A MINIMUM REQUIREMENT FOR ASPHALT STREETS. HOWEVER, IF EXISTING STREET CONSTRUCTION IS BETTER THAN REPAIR SHOWN IN THIS DETAIL, REPLACE PAVEMENT WITH EQUAL OR BETTER CONSTRUCTION, MATERIAL, THICKNESSES & QUALITY.

3 EMBEDMENT UNDER ASPHALT STREETS AND PAVEMENT REPAIR
N.T.S.



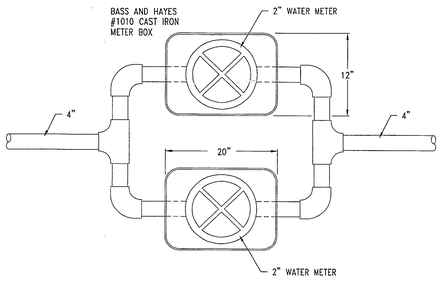
1. GRANULAR MATERIAL (SAND) – TOP OF LAYER IS TO BE PLACED TO GRADE TO PROVIDE UNIFORM SUPPORT OF PIPE BARREL. EXCAVATE BELL HOLES. COMPACT TO 95% PROCTOR DENSITY.
2. GRANULAR MATERIAL (SAND) – COMPACT TO 90% STANDARD PROCTOR DENSITY EXCEPT UNDER STRUCTURES, ROADWAYS AND PAVEMENT WHERE 95% DENSITY IS REQUIRED.
3. SELECT MATERIAL FREE OF ROCKS, CLUMPS OR DEBRIS LARGER THAN 6" IN GREATEST DIMENSION. COMPACT TO 90% STANDARD PROCTOR DENSITY. **UNDER STRUCTURES, ROADWAYS AND PAVEMENT, COMPACT TO 95% STANDARD PROCTOR DENSITY.**

6 CLASS "C-2" EMBEDMENT WATER, SEWER, AND STORM
N.T.S.

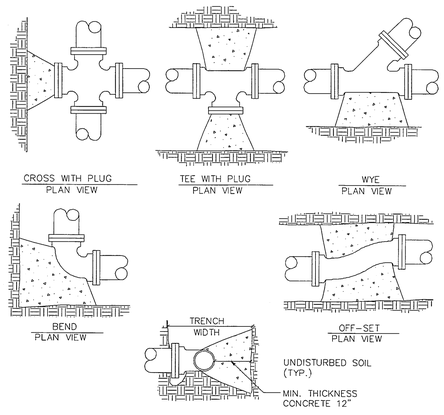


1. FINE GRADATION CRUSHED STONE – TOP LAYER IS TO BE PLACED TO GRADE TO PROVIDE UNIFORM SUPPORT OF PIPE BARREL. EXCAVATE BELL HOLES.
2. SELECT MATERIAL FREE OF ROCKS, CLUMPS OR DEBRIS LARGER THAN 6" IN GREATEST DIMENSION. COMPACT TO 90% STANDARD PROCTOR DENSITY. UNDER STRUCTURES, ROADWAYS AND PAVEMENT, USE GRANULAR MATERIAL (SAND) COMPACTED TO 95% STANDARD PROCTOR DENSITY.
3. SELECT MATERIAL FREE OF ROCKS, CLUMPS OR DEBRIS LARGER THAN 6" IN GREATEST DIMENSION. COMPACT TO 90% STANDARD PROCTOR DENSITY. **UNDER STRUCTURES, ROADWAYS AND PAVEMENT, COMPACT TO 95% STANDARD PROCTOR DENSITY.**

8 CLASS "B+" EMBEDMENT ROOF DRAIN, FORCE MAIN, AND STORM
N.T.S.

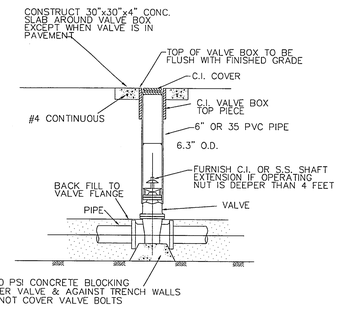


2 WATER METER ASSEMBLY
N.T.S.

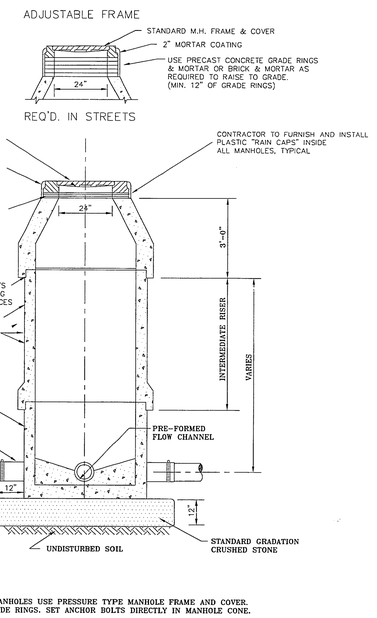


NOTES:
1. THRUST BLOCKS SHALL BE POURED AGAINST UNDISTURBED SOIL.
2. IN UNSTABLE MATERIALS, FOR VERTICAL BENDS OR OFFSETS, BLOCKING SHALL BE DESIGNED FOR ACTUAL THRUST USING THE FORMULA P=125(H)(A)SIN 1/2 WHERE H=1-1/2 RATED HEAD, A=AREA OF PIPE IN SQ. FT., =ANGLE, AND P=THUST IN POUNDS.
3. BEFORE POURING, PLUGS SHALL BE WRAPPED WITH VISQUEEN AND A BOARD PLACED IN FRONT.
4. CONC. SHALL BE 2500 PSI MIN.
5. THRUST BLOCKS SHOWN ALSO APPLY TO SANITARY FORCE MAINS.
6. PLUMBING CONTRACTOR TO FURNISH SIZES OF THRUST BLOCKS FOR APPROVAL PRIOR TO CONSTRUCTION.

4 TYPICAL THRUST BLOCKS
N.T.S.

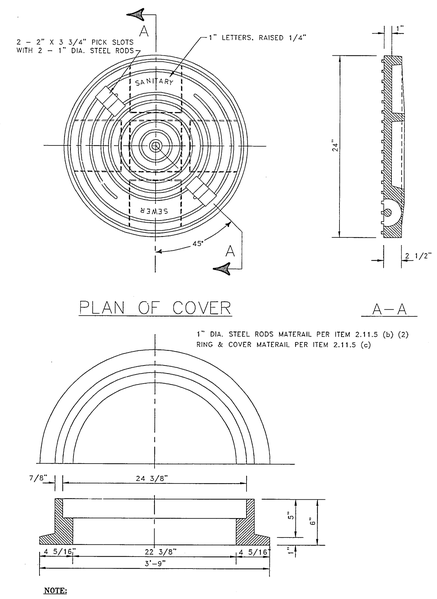


5 VALVE INSTALLATION DETAIL
N.T.S.



NOTE:
FOR TYPE "S" MANHOLES USE PRESSURE TYPE MANHOLE FRAME AND COVER. DO NOT USE GRADE RINGS. SET ANCHOR BOLTS DIRECTLY IN MANHOLE CONE.

7 STANDARD PRECAST MANHOLE
N.T.S.



NOTE:
THE BASS AND HAYES MANHOLE FRAME AND COVER, NO. 380-24P IS ACCEPTABLE.

9 MANHOLE FRAME AND COVER
N.T.S.

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6/15/05

ROBERT T. CLIVER 70125 REGISTERED PROFESSIONAL ENGINEER
June 14, 2005

THACKER | DAVIS ARCHITECTS INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 •P.O Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 •Fax 903.753.7317
Email TDA@T-DArchitects.com
www.T-DArchitects.com

MEP ENGINEER
EMA
www.estesmcclure.com
Estes, McClure & Associates, Inc.
Engineering & Consulting
3608 West Way
Tyler, Texas 75703
phone: 903-581-2677 fax: 903-581-3721

KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE

Kilgore, Texas

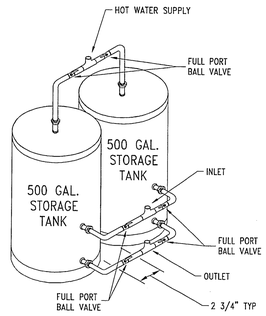
FILE NAME:

PROJECT NUMBER: 0421

SHEET CONTENTS:
PLUMBING DETAILS

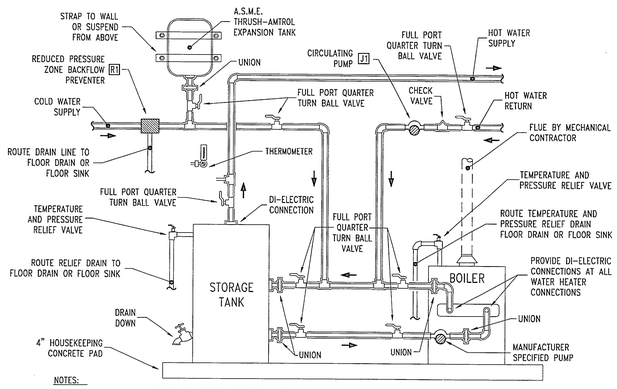
P 2.3

6/15/05



NOTES:
1. PIPING INSULATION TO COVER ALL UNIONS, VALVE BONNETS, AND FITTINGS. MITER ALL TERMINATION POINTS OF INSULATION. GLUE AND MASTIC ALL INSULATION JOINTS. ALL A.S.M.E. WATER HEATERS SHALL BE INSTALLED WITH A.S.M.E. EXPANSION TANKS.
2. STORAGE TANK MANUFACTURER SHALL DESIGN AND INSTALL MANIFOLD SYSTEM.

1 TWO UNIT MANIFOLD KIT
N.T.S.



NOTES:
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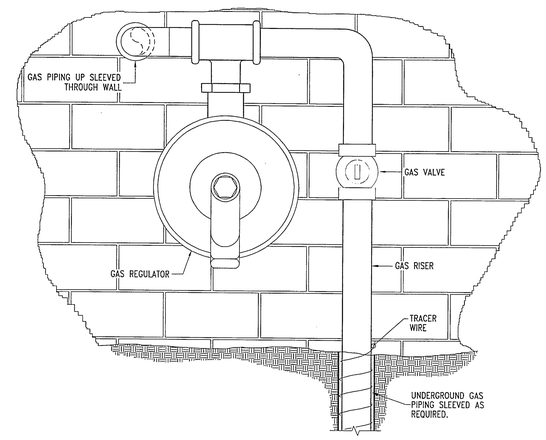
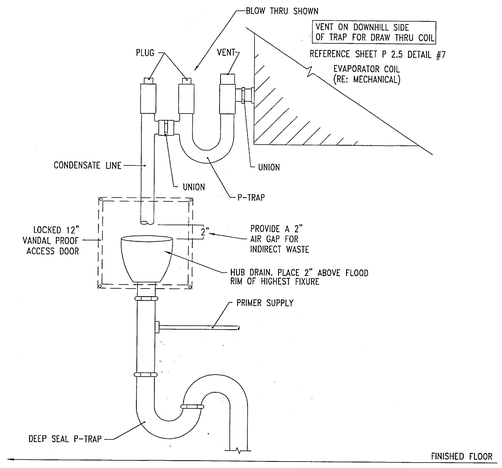
2. IF PIPING IS RUN IN WALLS, THEN STUB-OUT FROM WALL WITH CHROME ESCUTCHEON.
3. ALWAYS FOLLOW MANUFACTURER'S RECOMMENDED PIPING AND EQUIPMENT INSTALLATIONS IF DIFFERENT FROM WHAT'S SHOWN.
4. EXPANSION TANK ALLOWABLE WORKING PRESSURE TO BE GREATER OR EQUAL TO THAT OF BOILER.

4 GAS BOILER WITH STORAGE TANK
N.T.S.

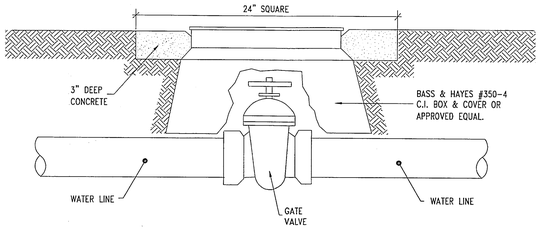


7 GAS REGULATOR DETAIL
N.T.S.

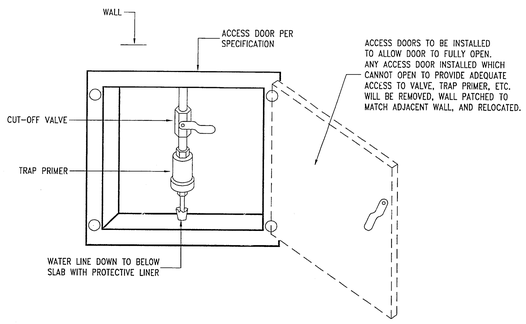
PLUMBING SYMBOLS	
———	SANITARY SEWER LINE
- - - - - -	VENT LINE
— — — — —	COLD WATER LINE
— — CW — — CW —	EXISTING COLD WATER LINE
— — — — —	HOT WATER LINE
— COND —	CONDENSATE LINE
— — — — —	GAS LINE
— — GAS — —	EXISTING GAS LINE
— — ⋈ — —	CUT-OFF VALVE
	HOSE BIBB
	CAP
	DRAIN
	GAS METER
	FLOOR SINK/O.S.D.
	SPRINKLER HEAD
	PLUMBING RISER
	WATER METER
	GAS COCK (VALVE)
	PRIMARY/OVERFLOW ROOF DRAIN
V.T.R.	VENT THROUGH ROOF
— F — F —	SPRINKLER LINE
— RD — RD —	PRIMARY ROOF DRAIN LINE
— — — — —	TEMPERED WATER LINE



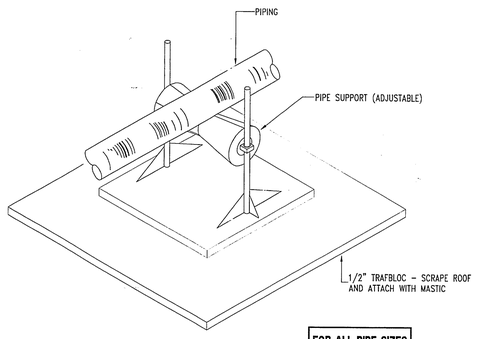
2 CONDENSATE ROUTED TO HUB DRAIN DETAIL
N.T.S.



5 COLD WATER VALVE BOX DETAIL
N.T.S.

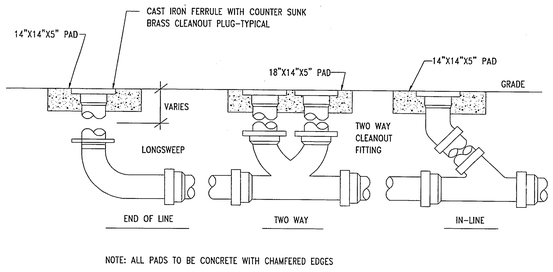


8 TRAP PRIMER W/ ACCESS DOOR
N.T.S.



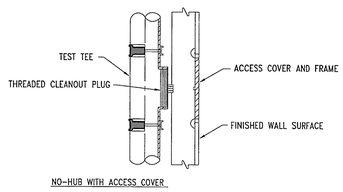
FOR ALL PIPE SIZES

10 ROOF PIPING SUPPORT
N.T.S.



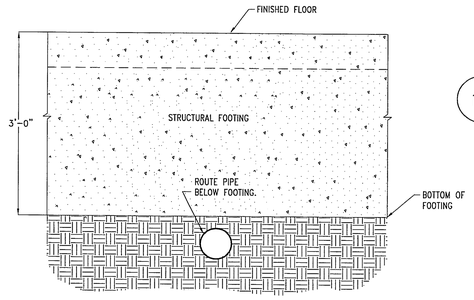
NOTE: ALL PADS TO BE CONCRETE WITH CHAMFERED EDGES

3 EXTERIOR CLEANOUT DETAIL
N.T.S.



NO-HUB WITH ACCESS COVER

6 WALL CLEANOUT DETAIL
N.T.S.



9 CONDUIT ROUTING AT FOOTINGS
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MEP ENGINEER
EMA
www.estesmcclure.com
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3608 West Way
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KILGORE COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE

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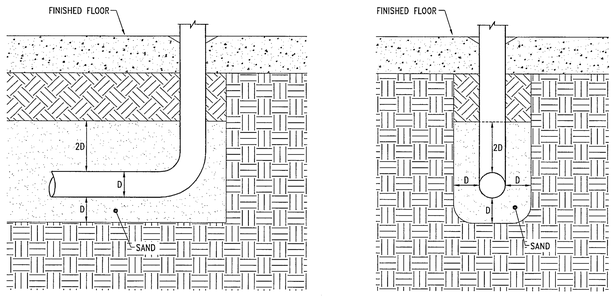
DETAILS AND SYMBOLS



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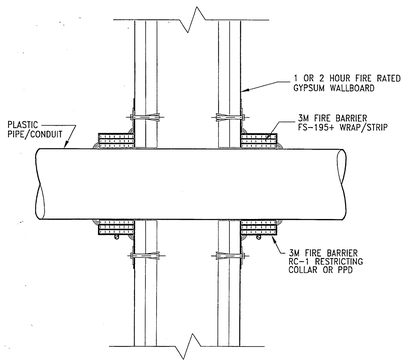
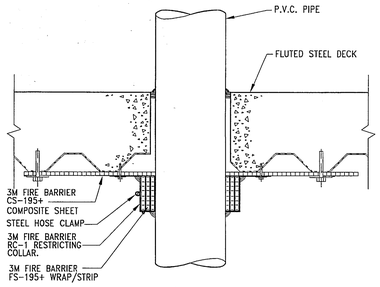
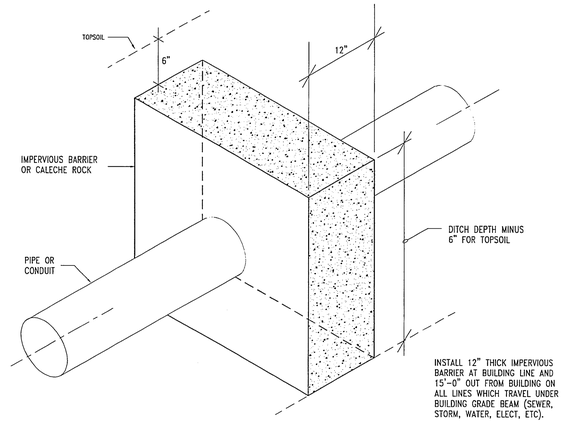
1 SANITARY SEWER TRENCH
N.T.S.



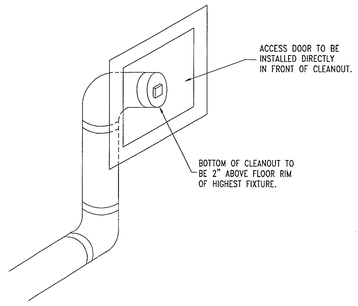
2 ONE & TWO HOUR WALL PENETRATION DETAIL FOR P.V.C. PIPE
N.T.S.



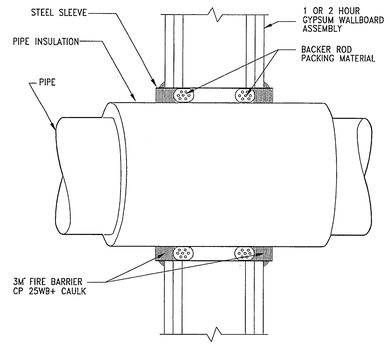
3 TWO HOUR FLOOR PENETRATION DETAIL FOR P.V.C. PIPE
N.T.S.



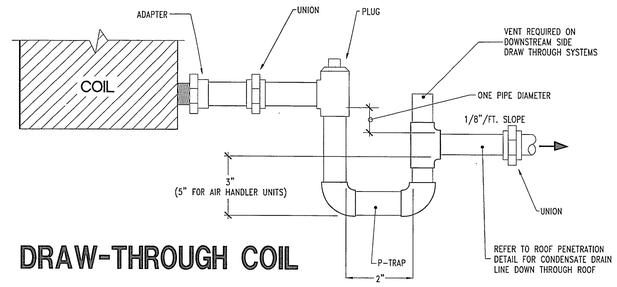
4 IMPERVIOUS BARRIER
N.T.S.



5 INTERIOR CLEANOUT DETAIL
N.T.S.

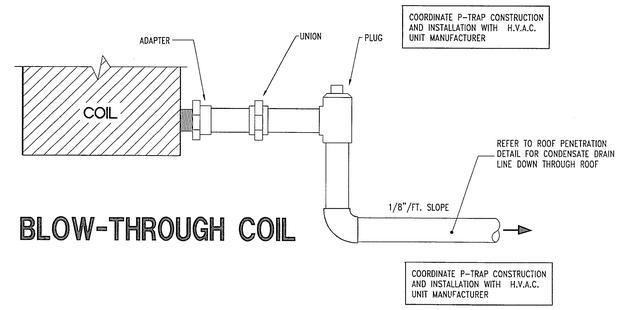


6 ONE & TWO HOUR WALL PENETRATION DETAIL FOR INSULATED PIPE
N.T.S.



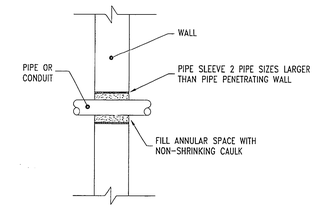
6/15/05

DRAW-THROUGH COIL

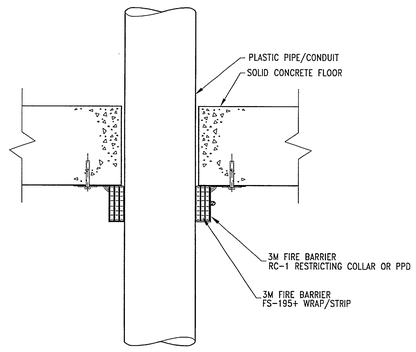


BLOW-THROUGH COIL

7 CONDENSATE DRAIN DETAIL
N.T.S.



8 EXTERIOR WALL PIPE PENETRATION
N.T.S.



9 TWO HOUR FLOOR PENETRATION DETAIL FOR P.V.C. PIPE
N.T.S.

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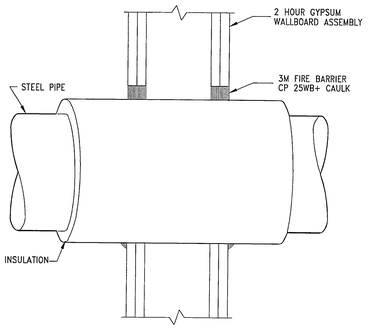
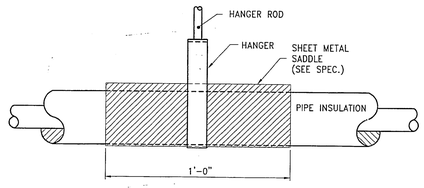


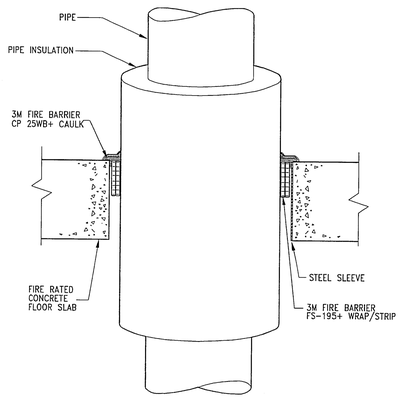
1 TWO HOUR WALL PENETRATION DETAIL FOR INSULATED PIPE

N.T.S.



3 PIPE SUPPORT DETAIL

N.T.S.



2 TWO HOUR FLOOR PENETRATION DETAIL FOR INSULATED PIPE

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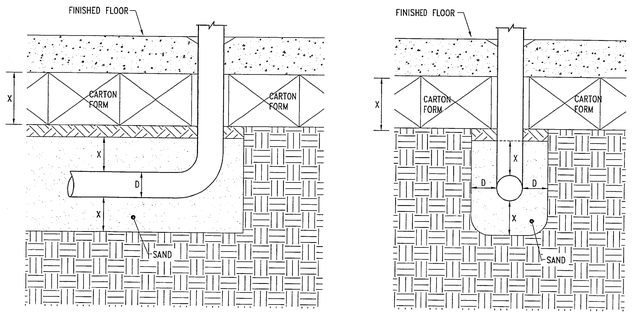

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4 SANITARY SEWER TRENCH

N.T.S.

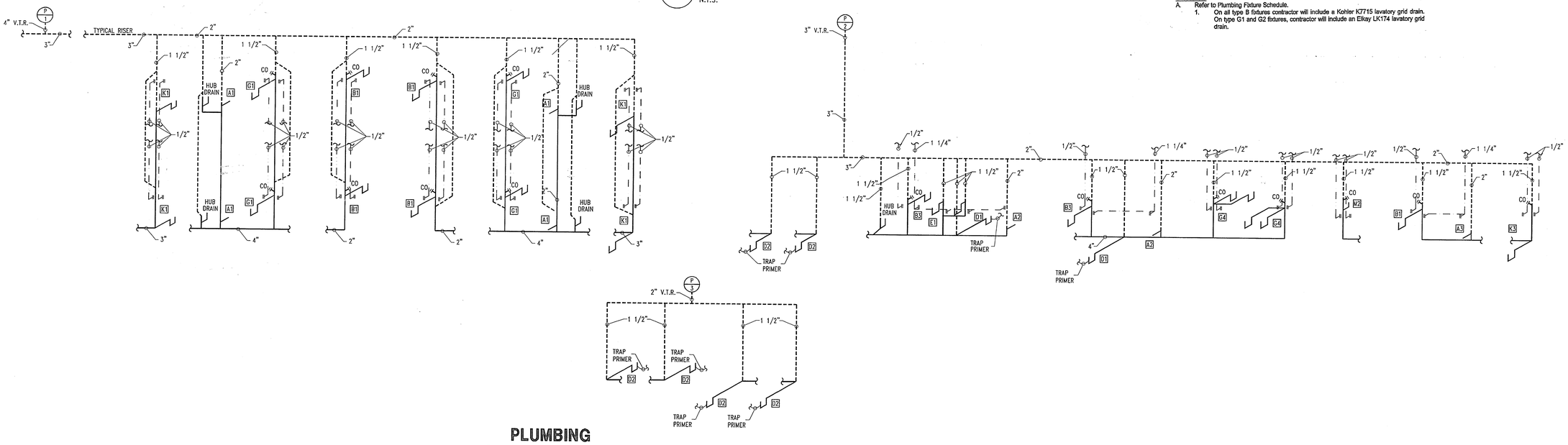
PLUMBING FIXTURE SCHEDULE

6/15/16

MARK	DESCRIPTION	MANUFACTURER & NO.	SUPPLY	ELEC. DATA	ACCESSORIES
A1	FLOOR MOUNT WATER CLOSET	KOHLER K-4302			SLOAN 111 FLUSH VALVE (1 1/2" TOP SPUD), WHITE OPEN-FRONT SEAT, BOLT CAPS (2), REFER TO ARCHITECTURAL PLANS FOR MOUNTING HEIGHT
A2	FLOOR MOUNT WATER CLOSET - A.D.A.	KOHLER K-4302			SLOAN 111 FLUSH VALVE (1 1/2" TOP SPUD), WHITE OPEN-FRONT SEAT, BOLT CAPS (2), REFER TO ARCHITECTURAL PLANS FOR MOUNTING HEIGHT
A3	TANK TYPE (ADULT) WATER CLOSET - A.D.A.	KOHLER K-3544			WHITE OPEN-FRONT SEAT, BOLT CAPS (2), REFER TO ARCHITECTURAL PLANS FOR MOUNTING HEIGHT
B1	COUNTERTOP LAVATORY	KOHLER K-2202-4	TEMP/COLD		KOHLER K-15598-F FAUCET (4" CENTERS), P-TRAP, GRID DRAIN, MCGUIRE SUPPLIES W/ STOPS, WADE 520 CARRIER, REFER TO ARCH. PLANS FOR MOUNTING HEIGHTS
B2	COUNTERTOP LAVATORY - A.D.A.	KOHLER K-2202-4	TEMP/COLD		KOHLER K-15598-F FAUCET (4" CENTERS), P-TRAP, GRID DRAIN, MCGUIRE SUPPLIES W/ STOPS, WADE 520 CARRIER, TRUEBRO LAV-GUARD, REFER TO ARCH. PLANS FOR MOUNTING HT
B3	COUNTERTOP GUEST LAVATORY - A.D.A.	KOHLER K-2196-1N	TEMP/COLD		KOHLER K-12181 FAUCET (4" CENTERS), P-TRAP, GRID DRAIN, MCGUIRE SUPPLIES W/ STOPS WADE 520 CARRIER, TRUEBRO LAV-GUARD, REFER TO ARCH. PLANS FOR MOUNTING HEIGHT
D1	FLOOR DRAIN	WADE 1103STD6			6" TOP SIZE, 3" DISCHARGE, TRAP PRIMER TAP
D2	FLOOR SINK	WADE 9143,6,15			12" x 12" x 8", 1/2 GRATE, TRAP PRIMER TAP
E1	BI-LEVEL ELECTRIC WATER COOLER - A.D.A.	HALSEY TAYLOR HTSEBP		120 V.	ARCHITECT TO SELECT FINISH, NO CFC REFRIGERANTS, CANE TOUCH APRON, WADE 440 CARRIER, REFER TO ARCHITECTURAL PLANS FOR MOUNTING HEIGHT
F1	DORMITORY GAS BOILER W/ 500 GALLONS STORAGE	LOCHINVAR CFN0991PM, RGA 504 (2)		120 V., 1ø	CONTRACTOR PROVIDE TEMPERATURE AND PRESSURE RELIEF VALVE, WATTS EXPANSION TANK, CAP AND FLUE PER MANUF. INSTRUCTIONS, OWNER WILL PROVIDE BOILER AND STORAGE TANKS
G1	DORMITORY SINK NON A.D.A.	ELKAY BCRA150C SINK PACKAGE	TEMP/COLD		6 1/8" DEEP BASIN, INCLUDES LK42479 TWO HANDLE FAUCET, PROVIDE P-TRAP MCGUIRE SUPPLIES W/ STOPS, LK58 STRAINER, REFER TO MANUF. AND ARCH. FOR INSTALL
G2	DORMITORY SINK A.D.A.	ELKAY BCR15	TEMP/COLD		6 1/8" DEEP BASIN, PROVIDE LK2498 SERIES FAUCET, P-TRAP, MCGUIRE SUPPLIES W/ STOPS, DUO STRAINER, REFER TO MANUF. AND ARCH. FOR INSTALLATION REQUIREMENTS
G3	MOP SINK	STERN-WILLIAMS MTB-2424-BP-2	HOT/COLD		T-10-VB FAUCET, T-35 HOSE AND WALL BRACKET, T-40 MOP HANGER, BACKSPLASH
G4	KITCHEN SINK [2 COMP.]	ELKAY DLR-3319-1-4	HOT/COLD		10" DEEP BASIN, LK-2473 FAUCET W/ SPRAY, P-TRAP, MCGUIRE SUPPLIES W/ STOPS, DUO-STRAINERS, CONTINUOUS WASTE, REFER TO ARCH. PLANS FOR MOUNTING HEIGHT
G5	LAUNDRY ROOM SINK - A.D.A.	ELKAY LRAD-2522-6-3	TEMP/COLD		6" DEEP BASIN, LK-230 FAUCET, P-TRAP, GRID DRAIN, MCGUIRE SUPPLIES W/STOPS, WADE 520 CARRIER, TRUEBRO LAV-GUARD, REFER TO ARCH. PLANS FOR MOUNTING HEIGHT
H1	INTERIOR HOSE BIBB	WOODFORD B76	COLD		VACUUM BREAKER, RECESSED IN LOCK BOX, VERIFY WALL THICKNESS
H2	EXTERIOR HOSE BIBB	WOODFORD B67	COLD		VACUUM BREAKER, RECESSED IN LOCK BOX, VERIFY WALL THICKNESS
H3	ELEVATOR SUMP HOSE BIBB	WOODFORD 76	N/A		PROVIDE LABEL "SUMP DISCHARGE - NOT POTABLE", VERIFY WALL THICKNESS
J1	CIRCULATING PUMP	BELL AND GOSSET SERIES #100		120 V. 1/12 H.P.	
J2	ELEVATOR SUMP PUMP	HYDROMATIC V-A1		120 V. 1/3 H.P.	17 G.P.M. AT 20 FEET TOTAL HEAD, 10' POWER CORD, 1 1/2" N.P.T. DISCHARGE
K1	NON ADA SHOWER	FIAT A 3633.02	TEMP/COLD		32" INSIDE DIAMETER, 2" PLASTIC DRAIN WITH CHROME PLATED STRAINER, SYMMONS BP-56-1-X SHOWER SYSTEM, 2.5 GPM FLOW, A 3630.01 GLASS DOOR, ARCH. SELECT FINISH
K2	HANDICAP SHOWER	FIAT A 3636.01F	TEMP/COLD		36" INSIDE DIAMETER, 2" PLASTIC DRAIN WITH CHROME PLATED STRAINER, SYMMONS BP-56-300-B30-L-V-X-B SHOWER SYSTEM, 2.5 GPM FLOW, CURTAIN, ARCH. SELECT FINISH
K3	NON ADA BATH/SHOWER COMBINATION	FIAT A 6031.20	TEMP/COLD		ARCH. TO SPECIFY L/R AND FINISH, 2" PLASTIC DRAIN WITH CHROME PLATED STRAINER, SHOWER CURTAIN AND ROD, SYMMONS 25-2-X-SS TUB/SHOWER SYSTEM, 2.5 GPM FLOW
L1	THERMOSTATIC MIXING VALVE (LAVATORIES/SINKS)	APOLLO 34A-113			POINT-OF-USE (1 OR 2 FIXTURES), 1/2" OUTLET, DUAL INLET CHECK VALVES
L2	THERMOSTATIC MIXING VALVE (LAVATORIES/SINKS)	APOLLO 34A-114			POINT-OF-USE (3 TO 5 FIXTURES), 3/4" OUTLET, DUAL INLET CHECK VALVES
M1	REFRIGERATOR / ICE MAKER UTILITY BOX	GUY GRAY BIM 875			MOUNT CONTROLS AT A.D.A. HEIGHT
M2	WASHER SUPPLY BOX	GUY GRAY FB200			1/2" CONNECTIONS, 2" DISCHARGE, MOUNT CONTROLS AT A.D.A. HEIGHT
N1	DOWN SPOUT NOZZLE	JAY R. SMITH 1770			VERIFY SIZES ON PLANS
R1	REDUCED PRESSURE ZONE BACKFLOW PREVENTER	WATTS 009QT SERIES			MATCH SUPPLY LINE SIZE, MOUNT NO HIGHER THAN 4'-0" ABOVE FINISHED FLOOR, PROVIDE BALL VALVES & UNIONS AT INLET & OUTLET FOR EASY REMOVAL, AIR GAP DRAIN ASSEMBLY
R2	REDUCED PRESSURE ZONE BACKFLOW PREVENTER	WATTS 909 SERIES			MATCH SUPPLY LINE SIZE, MOUNT NO HIGHER THAN 4'-0" ABOVE FINISHED FLOOR, PROVIDE BALL VALVES & UNIONS AT INLET & OUTLET FOR EASY REMOVAL, AIR GAP DRAIN ASSEMBLY
R3	REDUCED PRESSURE ZONE DETECTOR ASSEMBLY	WATTS 909RPDA SERIES			MATCH SUPPLY LINE SIZE, MOUNT NO HIGHER THAN 4'-0" ABOVE FINISHED FLOOR, PROVIDE BALL VALVES & UNIONS AT INLET & OUTLET FOR EASY REMOVAL, AIR GAP DRAIN ASSEMBLY
R4	DOMESTIC WATER DUPLEX PUMP (2)	TIGERFLO ES 300		480 V, 3 PH. 5 HP	

ARCHITECT TO SELECT FINISH ON ALL PLUMBING ITEMS

Sheet P 6.0
A. Refer to Plumbing Fixture Schedule.
1. On all type B fixtures contractor will include a Kohler K7715 lavatory grid drain. On type G1 and G2 fixtures, contractor will include an Elkay LK174 lavatory grid drain.



5 PLUMBING RISERS

N.T.S.

SUBMISSION OF BID WILL BE CONSIDERED ACKNOWLEDGMENT THAT THE CONTRACTOR HAS VISITED THE SITE AND HAS VERIFIED ALL EXISTING JOB CONDITIONS AND INCLUDED ANY NECESSARY MODIFICATION TO EXISTING AND NEW WORK REQUIRED FOR INSTALLATION OF A COMPLETE AND WORKING SYSTEM.

ROBERT E. OLIVER
70125
REGISTERED
PROFESSIONAL
ENGINEER
June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 PO Box 2723
Longview, Texas 75606-2723
Phone: 903.236.3771 Fax: 903.753.7317
Email TDA@T-DArchitects.com
www.T-DArchitects.com

MEP ENGINEER
EMA
www.estesmcclure.com
Estes, McClure & Associates, Inc.
Engineering & Consulting
3608 West Way
Tyler, Texas 75703
phone: 903-581-2677 fax: 903-581-2721

KILGORE COLLEGE

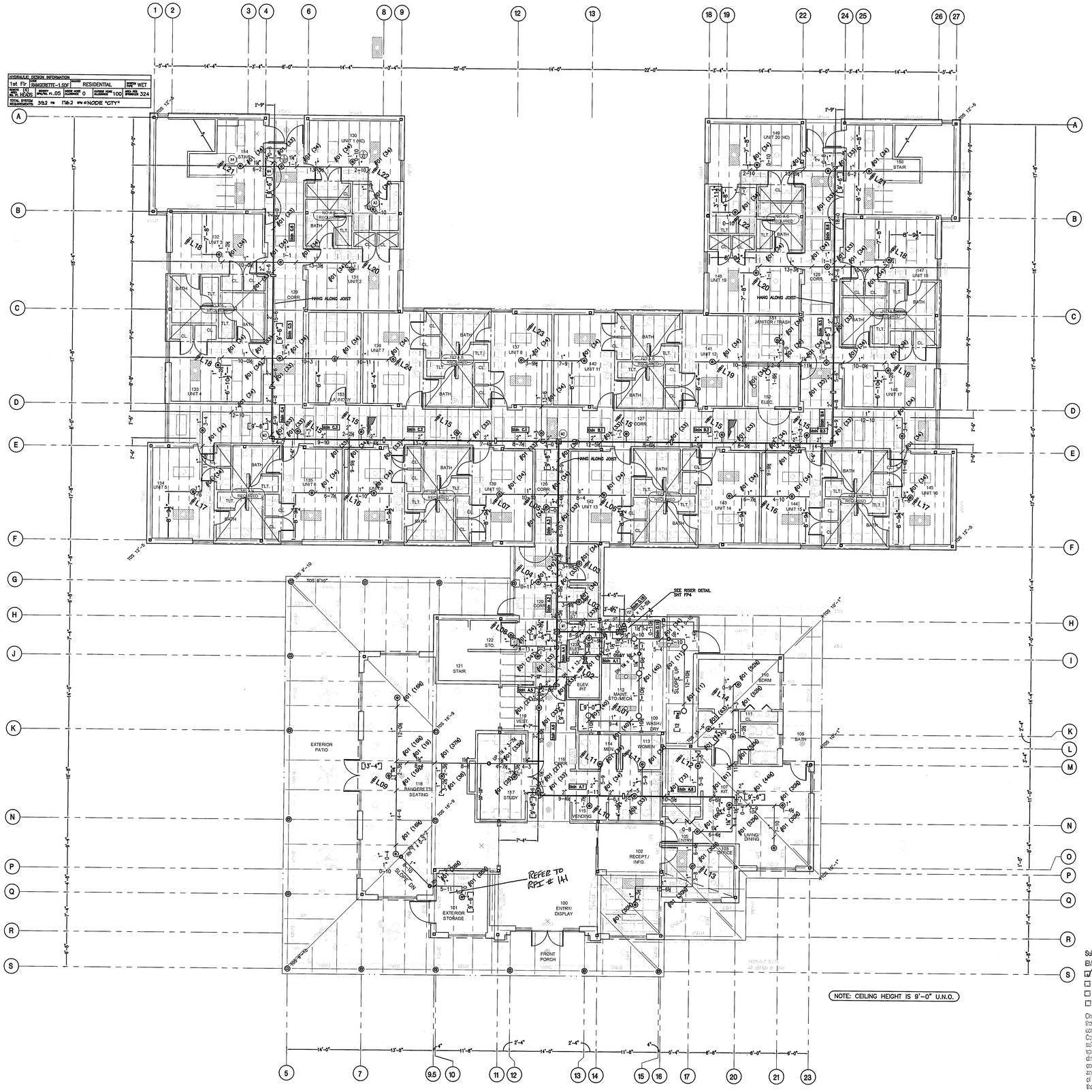
GUSSIE NELL DAVIS RANGERETTE RESIDENCE

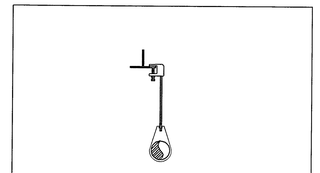
Kilgore, Texas

FILE NAME:

PROJECT NUMBER: 0421

SHEET CONTENTS:
PLUMBING DETAILS, SCHEDULE, AND RISER DIAGRAMS





GENERAL NOTES

SCOPE:
1. PROVIDE A COMPLETE WET TYPE FIRE SPRINKLER SYSTEM FOR A TWO STORY RESIDENTIAL DORM.
2. NO SPRINKLERS WITHIN NON-COMBUSTIBLE ATTICS ARE PROVIDED.
3. NO SPRINKLERS WITHIN BATHROOMS LESS THAN 55 SQFT., AS DEFINED IN NFPA 13R.
4. NO SPRINKLERS WITHIN SMALL CLOSETS, AS DEFINED IN NFPA 13R.

DESIGN CRITERIA:
1. SYSTEM DESIGN SHALL BE BASED ON A RESIDENTIAL OCCUPANCY, PER NFPA 13R.
2. SYSTEM HAS BEEN HYDRAULICALLY CALCULATED TO PROVIDE A DENSITY OF .05 GPM/SQFT OVER THE MOST REMOTE (4) SPRINKLERS FLOWING.
3. EACH OF (4) SPRINKLERS FLOW A MINIMUM OF 17 GPM (12 PSI MIN.)
4. MAXIMUM SPRINKLER SPACING TO BE 324 SQFT, (18FT.x18FT.), 9FT. MAXIMUM FROM WALLS
5. CALCULATIONS ARE BASED ON THE AVAILABLE WATER SUPPLY AT EXISTING CITY MAIN ALONG NOLEN STREET
WATER FLOW TEST INFO:
DATE: 3-14-05
BY: CITY FIRE DEPT.
STATIC: 65 PSI
RESIDUAL: 40 PSI
FLOW: 920 GPM
PITOT: 30 PSI (1) 2½" OUTLET

MATERIAL:
1. ALL DEVICES AND EQUIPMENT SHALL BE UNDERWRITERS LABORATORIES LISTED AND APPROVED FOR USE IN FIRE PROTECTION.
2. INSIDE WET PIPE SYSTEM FIRE SPRINKLER PIPING PER N.F.P.A. #13R, NO PLASTIC:
A. 1¼" & SMALLER THREADED PIPING TO BE BLACK SCHEDULE 40 WITH CLASS 125 SCREWED CAST IRON SPRINKLER FITTINGS.
B. 2" & LARGER GROOVED PIPING TO BE BLACK SCHEDULE 10, WITH ROLLED GROOVED ENDS AND GROOVED FIRELOCK TYPE FITTINGS. WELDED PIPE-O-LETS TO BE USED FOR THREADED LINES AND WELDED GROOVED OUTLETS TO BE USED FOR GROOVED LINES.
C. ALL WELDED FABRICATION WILL BE DONE IN ACCORDANCE WITH NFPA #13R USING U/L LISTED AND APPROVED FITTINGS. PROCEDURE AND WELDING SHOP TO COMPLY WITH N.F.P.A. #13R. NO WELDING AT JOB SITE IS PERMITTED.
3. SPRINKLER PIPING ON WET PIPE SYSTEMS INSTALLED LEVEL WILL BE ARRANGED TO DRAIN IN ACCORDANCE WITH N.F.P.A. #13R
4. HANGERS MATERIAL TO BE BLACK WITH ALL THREAD ROD.
5. NEW PIPING TO BE HYDROSTATICALLY TESTED AT 200 PSI FOR A MINIMUM OF 2 HOURS WITH NO VISIBLE LEAKS.
6. DESIGN, MATERIAL, FABRICATION & INSTALLATION SHALL MEET NFPA 13 & 13R, 1999 EDITION & CITY OF KILGORE, TEXAS REQUIREMENTS.

STRUCTURE:
NON-COMBUSTIBLE METAL ROOF DECK, CONCRETE FLOORS
OPEN STEEL BAR JOIST & STEEL BEAMS

SPECIAL NOTES:
1. OWNER IS TO PROVIDE AND MAINTAIN ADEQUATE HEAT (40 DEG. +) IN ALL AREAS CONTAINING SPRINKLERS AND PIPING TO PREVENT DAMAGE BY FREEZING.
2. BELOW STAIRS, ALL ATTICS AND BLIND OR CONCEALED SPACES ARE TO BE FREE OF COMBUSTIBLE STORAGE AND COMBUSTIBLE CONSTRUCTION. COMBUSTIBLE MEANING A FLAME SPREAD RATING 25 OR LESS.
3. FIRE AND ELECTRICAL ALARM, WIRING, AND SUPERVISORY SERVICE ARE REQUIRED BY CITY CODES FOR THIS PROJECT. IT IS TO BE FURNISHED AND INSTALLED BY A STATE LICENSED FIRE ALARM CONTRACTOR, AND IS NOT PART OF THE SPRINKLER CONTRACT.
4. ALL PIPING AND HANGER RODS PASSING THROUGH FIRE RATED WALLS OR CEILINGS ARE TO BE SEALED IN ACCORDANCE WITH THE FIRE RATING. REF. JOB SPEC.

FITTER NOTES:
1. VERIFY AND COORDINATE OPERATING TEMPERATURE OF ALL SPRINKLERS IN MECHANICAL, ELECTRICAL ROOMS AND ATTIC SPACES AS REQUIRED BY JOB SITE CONDITIONS.
2. INSTALL EMERGENCY SPRINKLER CABINET AND WRENCH IN RISER ROOM NEAR VALVE.

REFER TO RFI 127 FOR VFD IN HEARING IMPAIRED ROOMS
RFI 108 TRIM RING at Pull station

Submittal Number: 9897
EMA Job Number: 7016
☑ REVIEWED
☐ FURNISH AS CORRECTED
☐ REVISE AND RESUBMIT
☐ REJECTED

Checking is only for general conformance with the design concept of this project and general compliance with the information given in the Contract Documents. Any action shown is subject to the requirements of the plans and specifications. Contractor is responsible for dimensions which shall be confirmed and correlated at the job site; fabrication processes and techniques of construction; coordination of this work with that of all other trades and the satisfactory performance of this work.

ESTES, MCCLURE & ASSOCIATES INC.
TYLER, TEXAS
Date: 11/28/05
By: Tyler Williams

Submittal has been reviewed for general conformance with the design concept of the project and general compliance with the information given in the Contract Documents. Any action shown is subject to the requirements of the plans and specifications. Contractor is responsible for confirming and correlating all quantities and dimensions; selecting fabrication processes and techniques of construction; coordinating all trades; and performing all work in a safe and satisfactory manner.
☑ Approved
☐ Approved as noted
☐ Other
☐ Submit specified item
Name: TM
Date: 11/21/05

REVIEWED
Date 11/22/05
Mark Frederick, Fire Marshal
City of Kilgore

NORTH

TOTAL THIS JOB: ###

FIRE SPRINKLER LEGEND SYMB.	TYPE	ORIF.	TEMP.	MODEL	MAKE	SIN#	FINISH	ESCUTCHEON	K	QTY.
⊛	PENDENT	1/2"	155°	F1 RES 49	RELIABLE	R3516	CHROME	RECESSED	4.9	70
○	UPRIGHT	1/2"	155°	F1FR	RELIABLE	R3615	BRASS	NONE	5.6	7
▽	H.SIDEWALL	1/2"	155°	F1FR	RELIABLE	R3635	BRASS	NONE	5.6	1
									TOTAL THIS SHEET	78

SCR 0435 RME 0041: CHARLES W. ALLEN
FIRECAD
4535 RAINS COUNTY ROAD 1410
POINT, TEXAS 75472
EMAIL: FIRECAD@ARGONTECH.NET
PHONE: 903-598-2091 FAX: 903-598-6015

PROJECT NAME:
FIRE SPRINKLER SYSTEM
GUSSIE NELL DAVIS
RANGERETTE RESIDENCE
901 NOLEN STREET
KILGORE, TEXAS

REVISION:

DRAWN BY: BP 10/22/05
CHECKED BY: BP 10/24/05
SCALE: AS NOTED
SHEET FP-02
OF 4 SHEETS

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HYDRAULIC DESIGN INFORMATION				
SIZE: 2nd Flr	SERIES: RANGERETTE-2SIP	RESIDENTIAL	SYSTEM TYPE: WET	
HAZARD CLASS: LT. HEATS	DENSITY: .05	REMOTE AREA: 1500	SPRINKLER SPACING: 324	
TOTAL SYSTEM REQUIREMENTS: 422 PSI	1108 GPM AT NODE "CITY"			

TYPICAL #01 HANGER DETAIL
NO SCALE

1 -- All Thread Rod
1 -- Ring
1 -- Top Beam Clamp

GENERAL NOTES

SCOPE:
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5. CALCULATIONS ARE BASED ON THE AVAILABLE WATER SUPPLY AT EXISTING CITY MAIN ALONG NOLEN STREET
WATER FLOW TEST INFO:
DATE: 3-14-05
BY: CITY FIRE DEPT.
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RESIDUAL: 40 PSI
FLOW: 920 GPM
PITOT: 30 PSI (1) 2½" OUTLET

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STRUCTURE:
NON-COMBUSTIBLE METAL ROOF DECK, CONCRETE FLOORS
OPEN STEEL BAR JOIST & STEEL BEAMS

SPECIAL NOTES:
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FITTER NOTES:
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2. INSTALL EMERGENCY SPRINKLER CABINET AND WRENCH IN RISER ROOM NEAR VALVE.

NOTE: CEILING HEIGHT IS 9'-0" U.N.O.

2nd Floor
1 FIRE SPRINKLER PLAN
FP-03 SCALE: 1/8"=1'-0"

FIRE SPRINKLER LEGEND					
SYMB.	TYPE	ORIF.	TEMP.	MODEL	MAKE
⊛	PENDENT	1/2"	155°	F1 RES 49	RELIABLE
○	UPRIGHT	1/2"	155°	F1FR	RELIABLE
▽	H. SIDEWALL	1/2"	155°	F1FR	RELIABLE

TOTAL THIS JOB: ###				
	SIN#	FINISH	ESCUTCHEON	QTY.
	R3516	CHROME	RECESSED	49
	R3615	BRASS	NONE	56
	R3635	BRASS	NONE	56
TOTAL THIS SHEET				60

CHARLES W. ALLEN
SCR 0435 RME 0041
FIRECAD
4535 RANE COUNTY ROAD 1410
POINT, TEXAS 75472
EMAIL: FIRECAD@ARGONTECH.NET
PHONE: 903598-2091 FAX: 9035986015

PROJECT NAME:
FIRE SPRINKLER SYSTEM
GUSSIE NELL DAVIS
RANGERETTE RESIDENCE
901 NOLEN STREET
KILGORE, TEXAS

REVISION:

DRAWN BY: BP 10/22/05
CHECKED BY: BP 10/24/
SCALE: AS N
SHEET F
OF 4

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FIRE SPRINKLER LEGEND											
SYMB.	TYPE	ORIF	TEMP	MODEL	MANF.	SIN#	FINISH	ESCUTCHEON	K	QTY
▲	H. SIDEWALL	1/2"	155°	F1FRR	RELIABLE	R3635	BRASS	NONE	5.6	
◎	PENDENT	1/2"	155°	F1 RES 49	RELIABLE	R3516	CHROME	RECESSED	4.9	
○	UPRIGHT	1/2"	155°	F1FRR	RELIABLE	R3615	BRASS	NONE	5.6	
								TOTAL THIS SHEET		
								TOTAL THIS JOB:	###	

FIRECAD
4535 RAINS COUNTY ROAD 1410
POINT, TEXAS 75472
EMAIL: FIRECAD@ARGONTECH.NET
PHONE: 903-598-2091 FAX: 903-5986015

SCR 0435 RME 0041: CHARLES W. ALLEN

PROJECT NAME: FIRE SPRINKLER SYSTEM

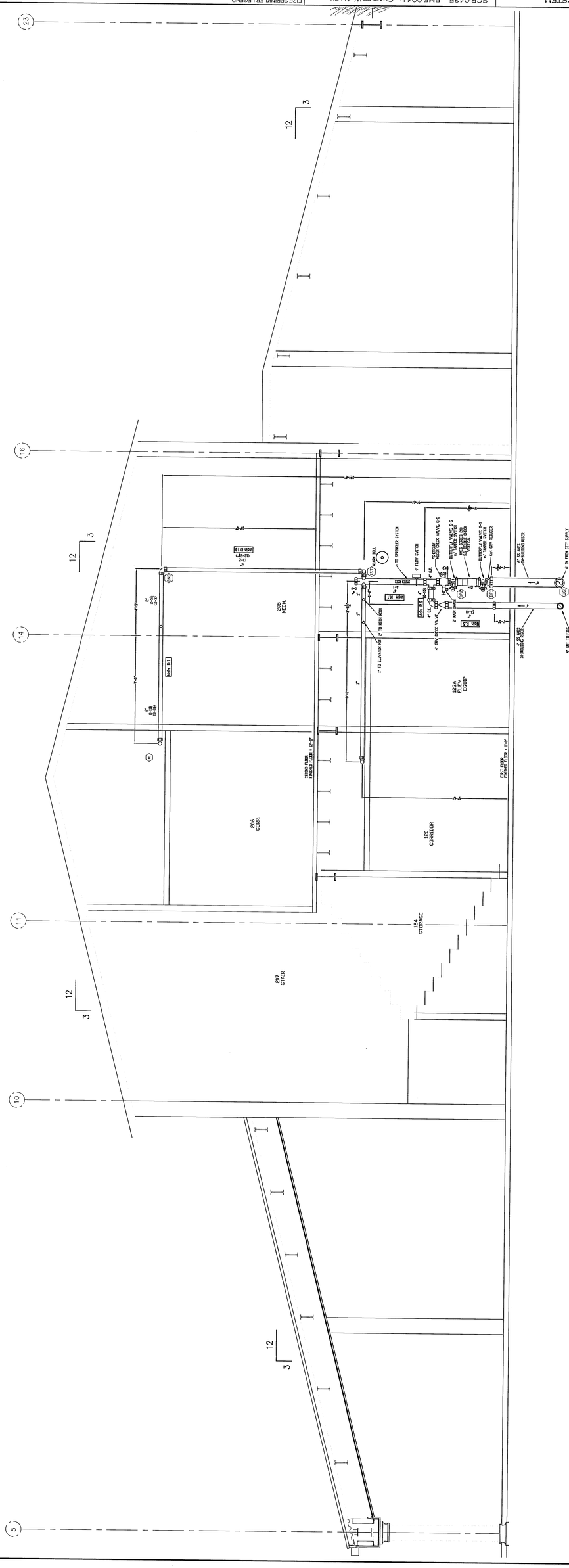
GUSSIE NELL DAVIS

RANGERETTE RESIDENCE
901 NOLEN STREET
KILGORE, TEXAS

REVISION:

DRAWN BY: BP 10/22/
CHECKED: BP 10/2
SCALE: 1/
SHEET

NORTH



A BUILDING SECTION & RISER DETAIL
SCALE: 3/8"=1'-0"

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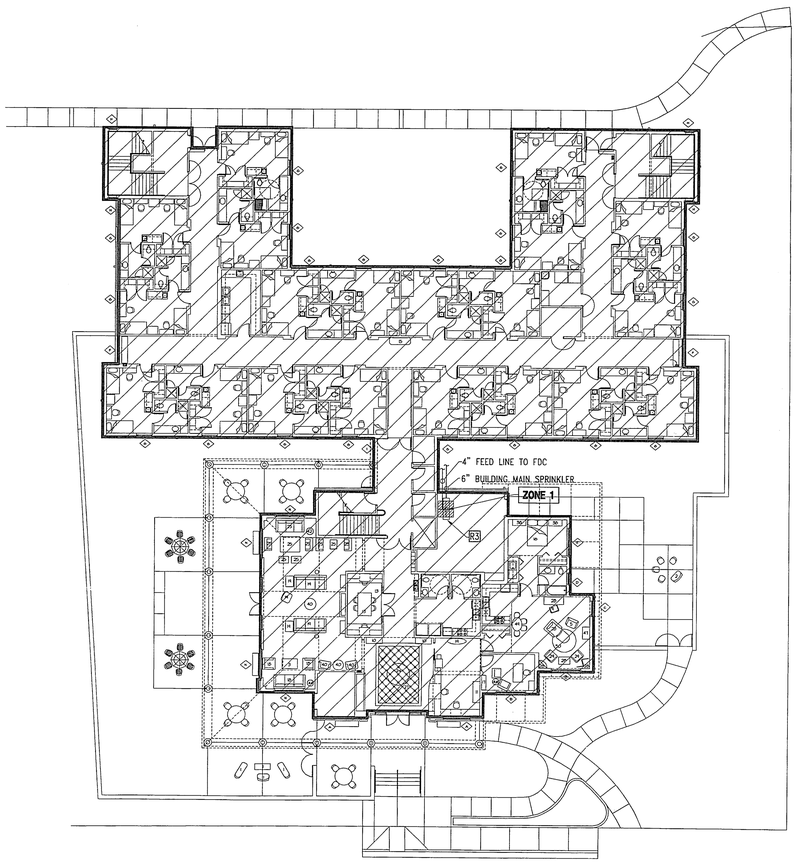
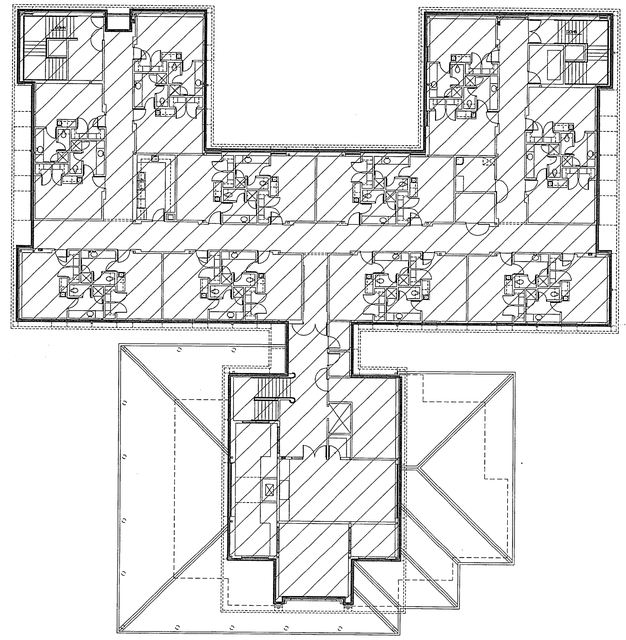


FIRE PROTECTION FLOOR PLAN- FIRST FLOOR

1 — 1/16"=1'-0"

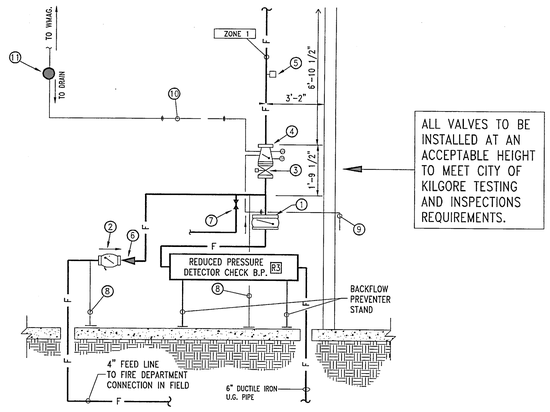


FIRE PROTECTION FLOOR PLAN- SECOND FLOOR

2 — 1/16"=1'-0"

SPRINKLER RISER NOTES:

1. 8" FLG. WAFER CHECK VALVE MUELLER MOD.
2. 4" GROOVED CHECK VALVE FIREMATIC MOD CVA W/2" BALL DRIP
3. 4" FLG WAFER BUTTERFLY VALVE W/MONITOR SWITCH MUELLER MOD B-3250
4. 4" FLG. X GRV. ALARM VALVE GUARDIAN MOD. C
5. 4" FLOW SWITCH POTTER ELECTRIC MOD
6. 8 X 4 GRV. CONCENTRIC REDUCER
7. 1" BALL VALVE (RUN TO EXTERIOR OF BUILDING)
8. PIPE STAND
9. 2" DRAIN LINE TO EXTERIOR OF BUILDING
10. 1/2" ALARM LINE TIED IN
11. RETARD CHAMBER



ALL VALVES TO BE INSTALLED AT AN ACCEPTABLE HEIGHT TO MEET CITY OF KILGORE TESTING AND INSPECTIONS REQUIREMENTS.

SPRINKLER RISER DIAGRAM

3 — N.T.S.

REFER TO SHEET P 1.0 FOR FDC LOCATION IN FIELD AND MAIN SPRINKLER LINE CONNECTION.

FIRE SPRINKLER ZONES	
ZONE #1	

GENERAL NOTES:

1. ALL INSTALLATIONS SHALL BE PER N.F.P.A. 13 AND ALL LOCAL CODES.
2. COORDINATE ALL NEW FIRE LINES WITH ALL MECHANICAL DUCTWORK, LIGHTS, ETC. COORDINATE ALL FIRE LINE ROUTINGS WITH ALL CEILING HEIGHT VARIATIONS.
3. ALL PIPING FLOOR PENETRATIONS SHALL BE SLEEVED. COMPLETELY GROUT AROUND OUTSIDE OF SLEEVE, AND FILL SLEEVE VOID AROUND PIPE WITH FIBERFRAX FYRE-PUTTY.
4. ROUTE ALL HORIZONTAL PIPING AS HIGH AS POSSIBLE TO ALLOW MAXIMUM CLEARANCE FOR MECHANICAL DUCTS.
5. FIRE PROTECTION CONTRACTOR SHALL COORDINATE WITH LOCAL AUTHORITIES FOR LOCATIONS OF SIAMESE CONNECTIONS, STORTZ CONNECTIONS, ETC.
6. CONTRACTOR TO COORDINATE LOCATIONS OF ALL REQUIRED FIRE VALVES BEFORE INSTALLATION TO ENSURE THAT THICKENED WALLS OR CHASES ARE PROVIDED.

SUBMISSION OF BID WILL BE CONSIDERED ACKNOWLEDGMENT THAT THE CONTRACTOR HAS VISITED THE SITE AND HAS VERIFIED ALL EXISTING JOB CONDITIONS AND INCLUDED ANY NECESSARY MODIFICATION TO EXISTING AND NEW [illegible] REQUIRED FOR INSTALLATION OF A COMPLETE AND WORKING

6/1/05

Typeset Design

ROBERT E. CLIVER 70125 REGISTERED PROFESSIONAL ENGINEER

June 14, 2005

THACKER | DAVIS ARCHITECTS
INCORPORATED
Member American Institute of Architects
1100 Judson Rd., Suite 620 PO Box 2723
Longview, Texas 75606-2723
Phone 903.236.3771 Fax 903.753.7317
Email: TDA@T-DArchitects.com
www.T-DArchitects.com

MEP ENGINEER
EMA
www.estesmcclure.com
Estes, McClure & Associates, Inc.
Engineering & Consulting
3608 West Way
Tyler, Texas 75703
phone: 903-581-2677 fax. 903-581-2721

[illegible] COLLEGE

GUSSIE NELL DAVIS RANGERETTE RESIDENCE

Kilgore, Texas

FILE NAME:

PROJECT NUMBER
0421

SHEET CONTENTS
FIRE PROTECTION
OVERALL FLOOR

F
2.0