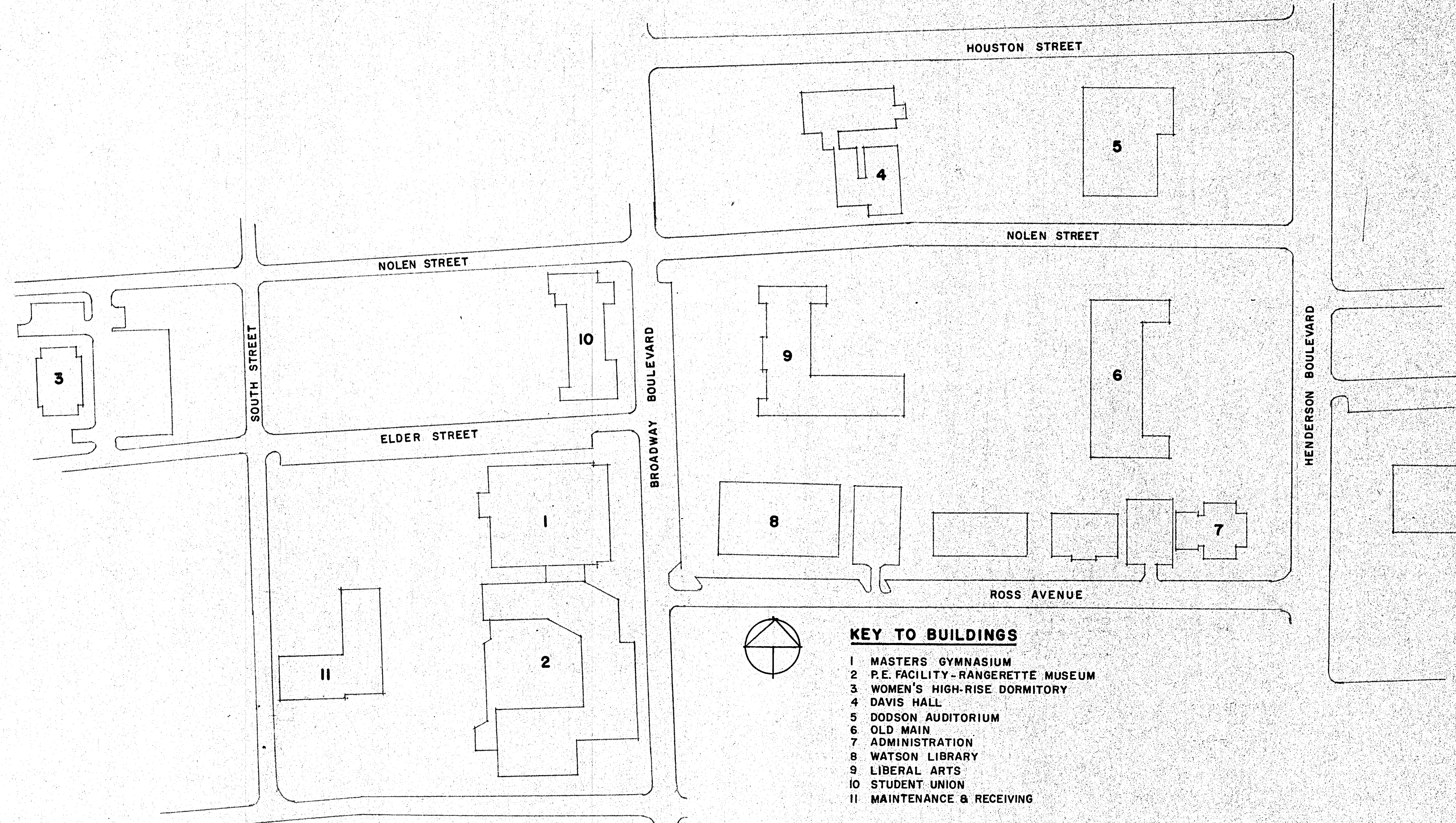
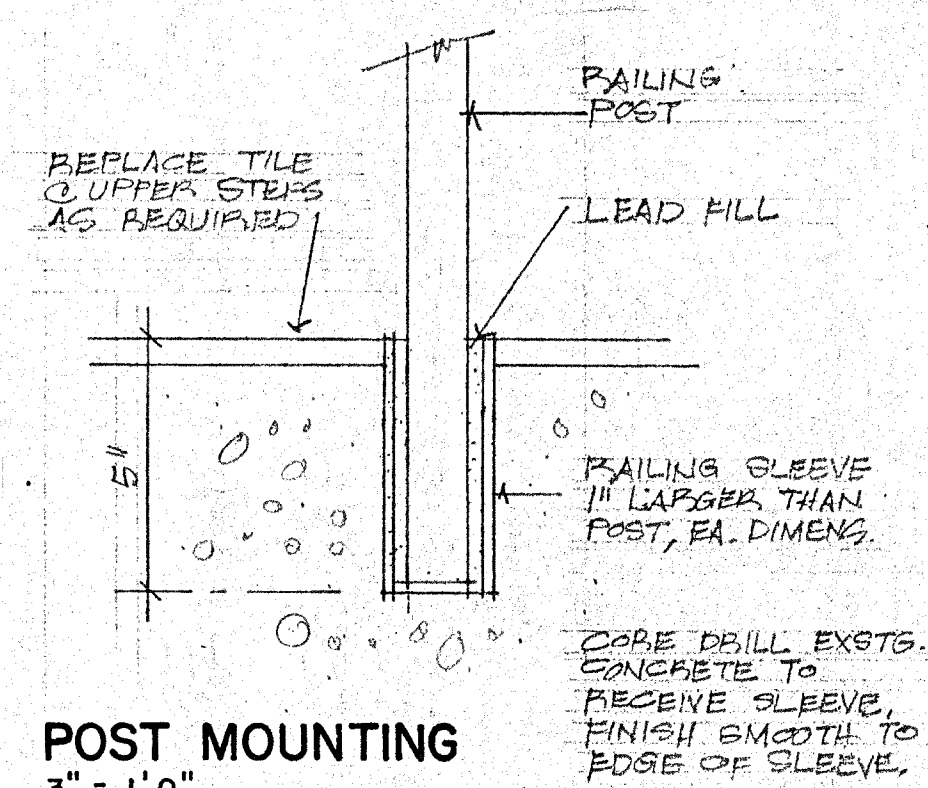


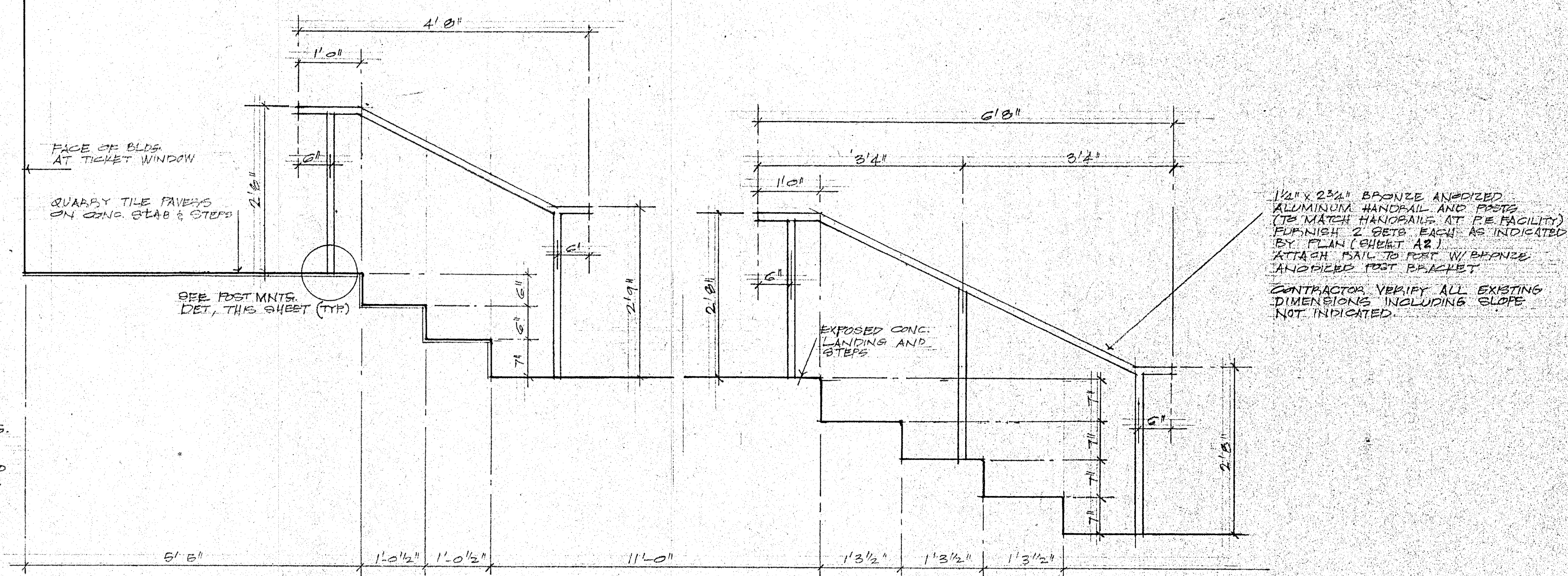


KEY TO BUILDINGS

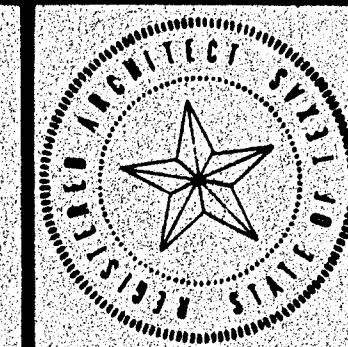
- 1 MASTERS GYMNASIUM
- 2 P.E. FACILITY-RANGERETTE MUSEUM
- 3 WOMEN'S HIGH-RISE DORMITORY
- 4 DAVIS HALL
- 5 DODSON AUDITORIUM
- 6 OLD MAIN
- 7 ADMINISTRATION
- 8 WATSON LIBRARY
- 9 LIBERAL ARTS
- 10 STUDENT UNION
- 11 MAINTENANCE & RECEIVING



POST MOUNTING
3" = 1' 0"



SECTION AT HANDRAILS-MASTERS GYM ENTRANCE
SCALE 3/4" = 1' 0"

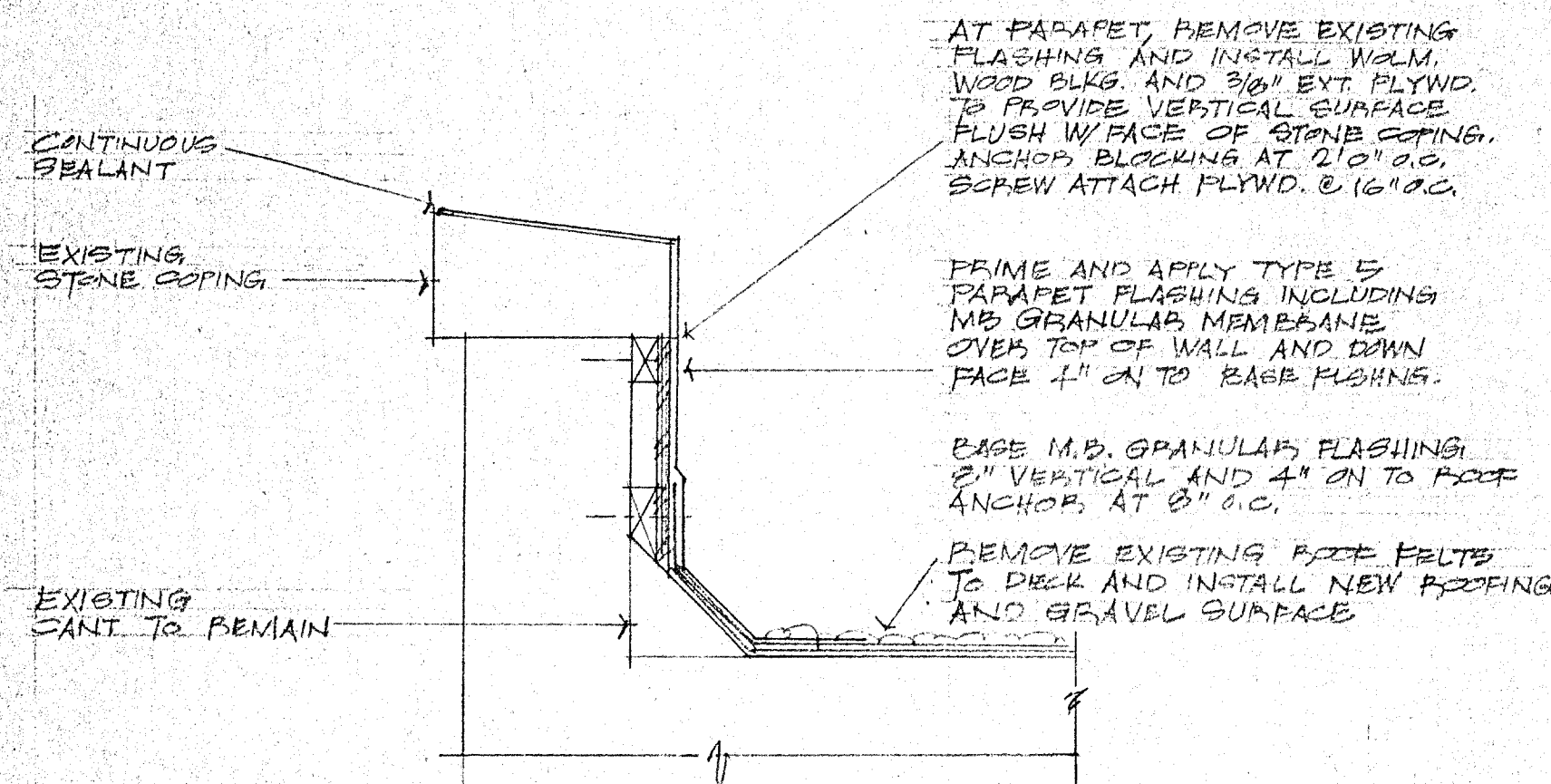


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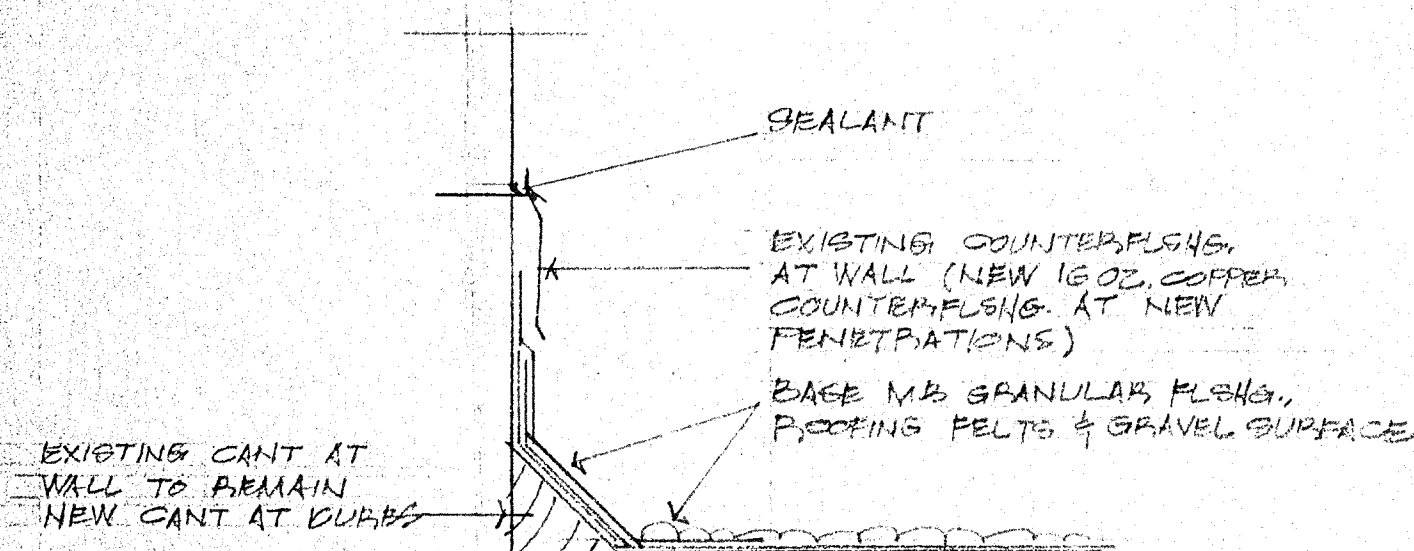
AIR CONDITIONING-MASTERS GYMNASIUM
FIRE DETECTION-WOMEN'S HIGH-RISE & DAVIS HALL
KILGORE COLLEGE

KEY PLAN
HANDRAIL

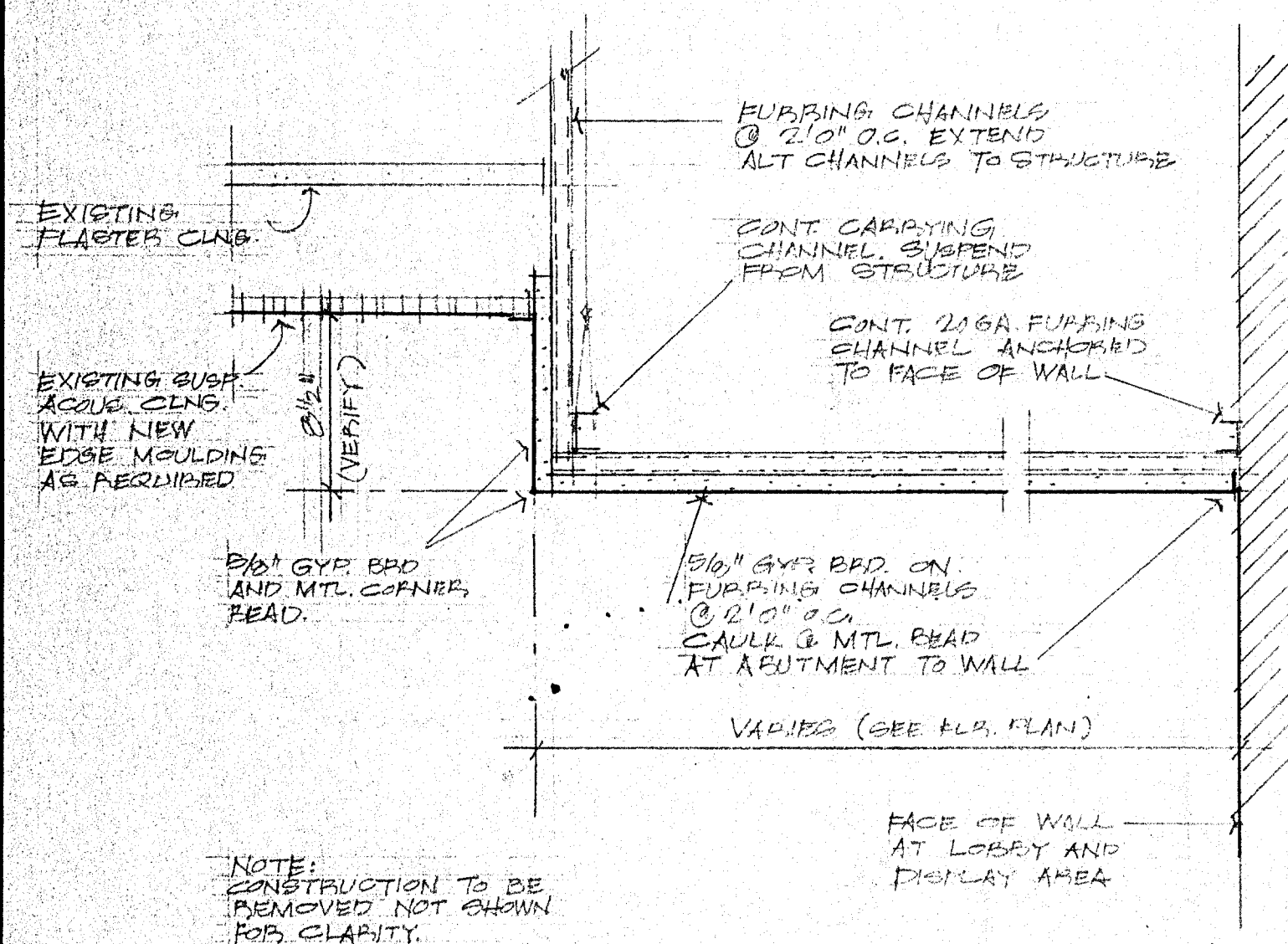
A I



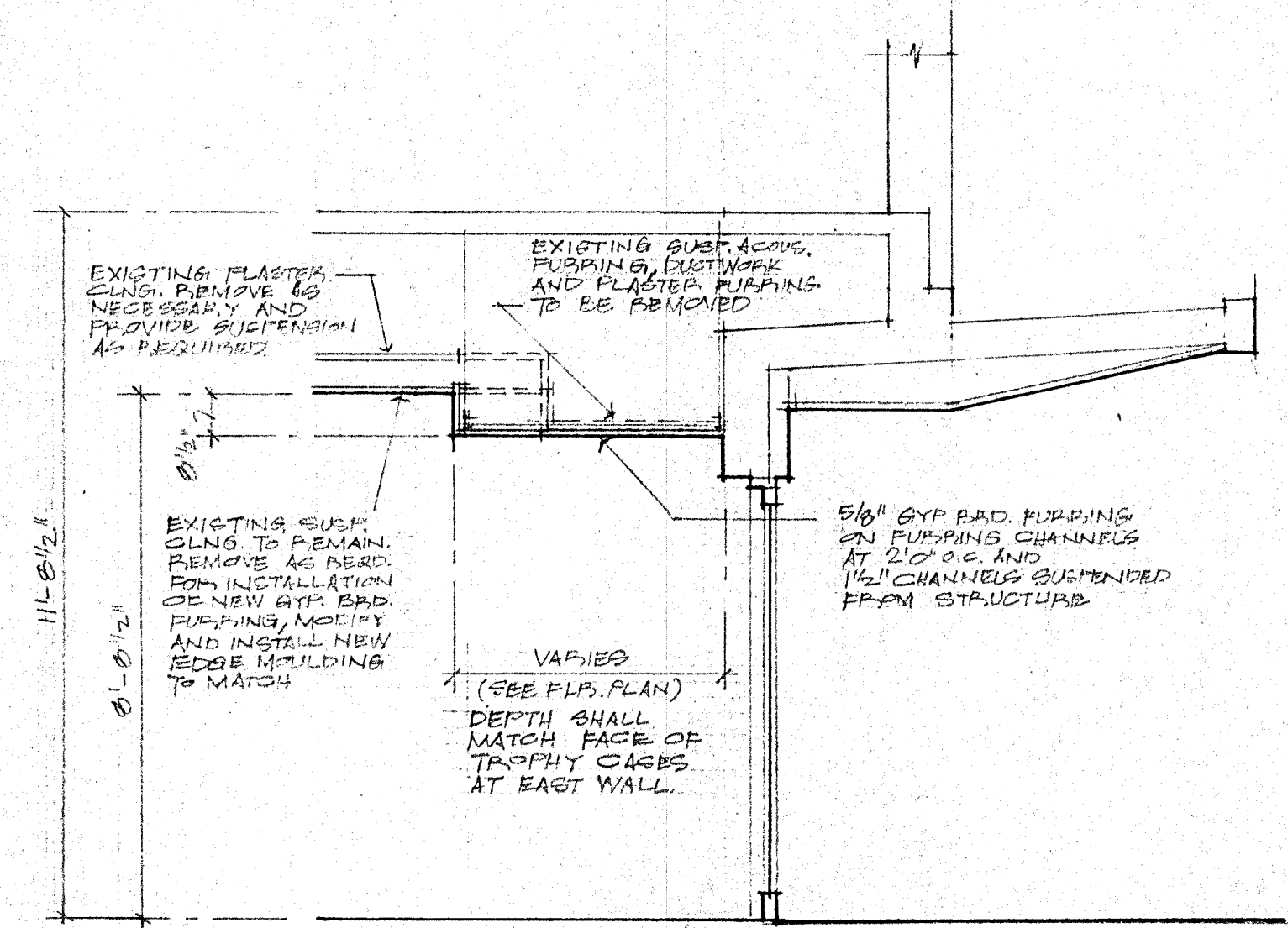
201 SCHEMATIC PARAPET DETAIL
SCALE 1 1/2" = 1' 0"



202 SCHEMATIC ROOF TO WALL DETAIL & CURB DETAIL
SCALE 1 1/2" = 1' 0"

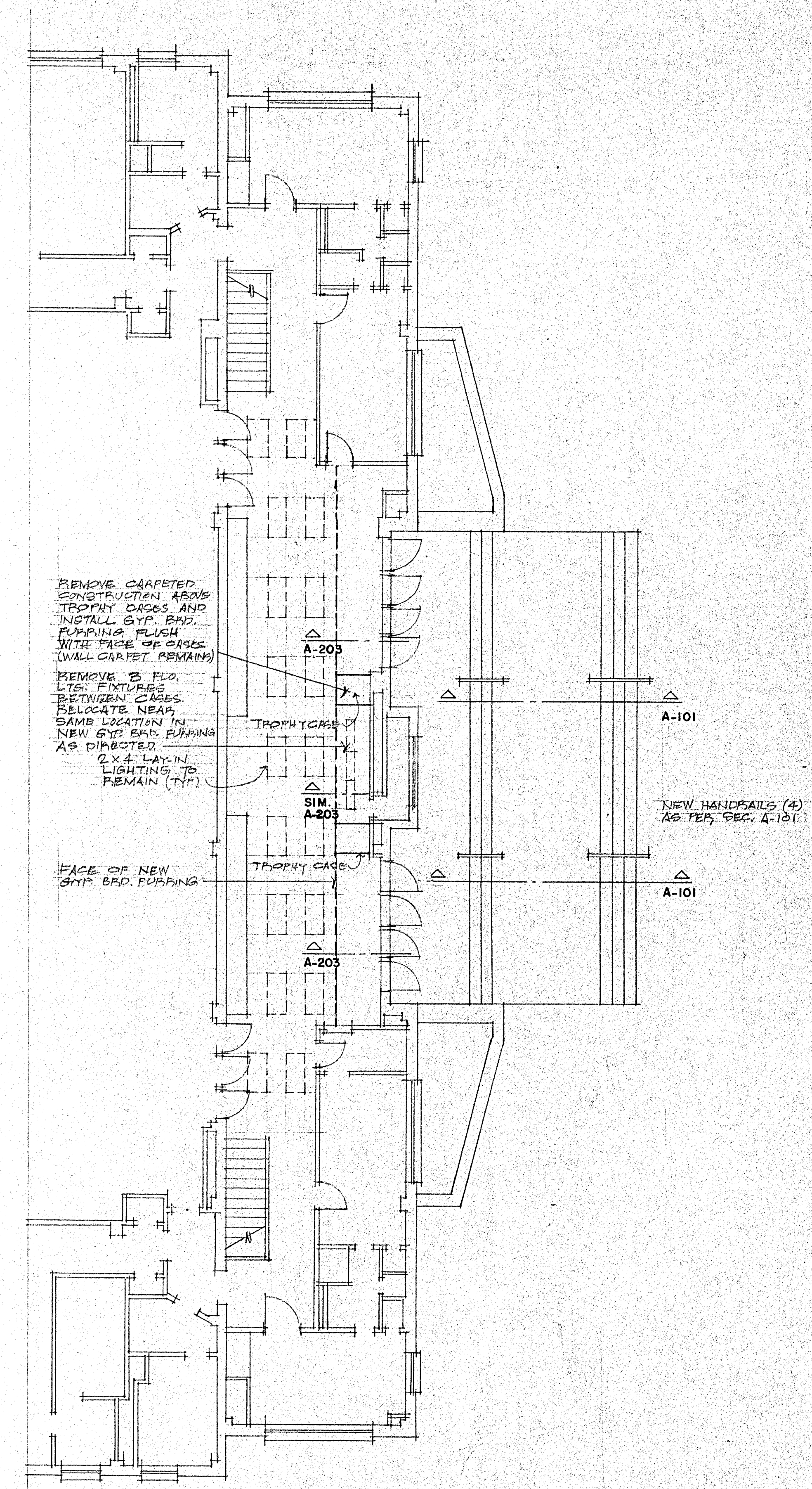


DETAIL AT FURRING
SCALE 1 1/2" = 1' 0"



203 SECTION AT FURRING
SCALE 3/8" = 1' 0"

- ROOFING NOTES:
1. AT DESIGNATED ROOF AREA AT MASTERS GYMNASIUM (REF. 42) REMOVE EXISTING FELTS TO DECK.
 2. REUSE EXISTING METAL COUNTERFLASHINGS. REPLACE AS REQUIRED ANY DAMAGED OR INEFFECTIVE FLASHINGS WITH ORIGINAL MATERIAL TYPES.
 3. REUSE EXISTING FITCH PANS. REMOVE AND FILL TO TOP. REPLACE DAMAGED OR INEFFECTIVE PANS. PROVIDE NEW 1/2\"/>



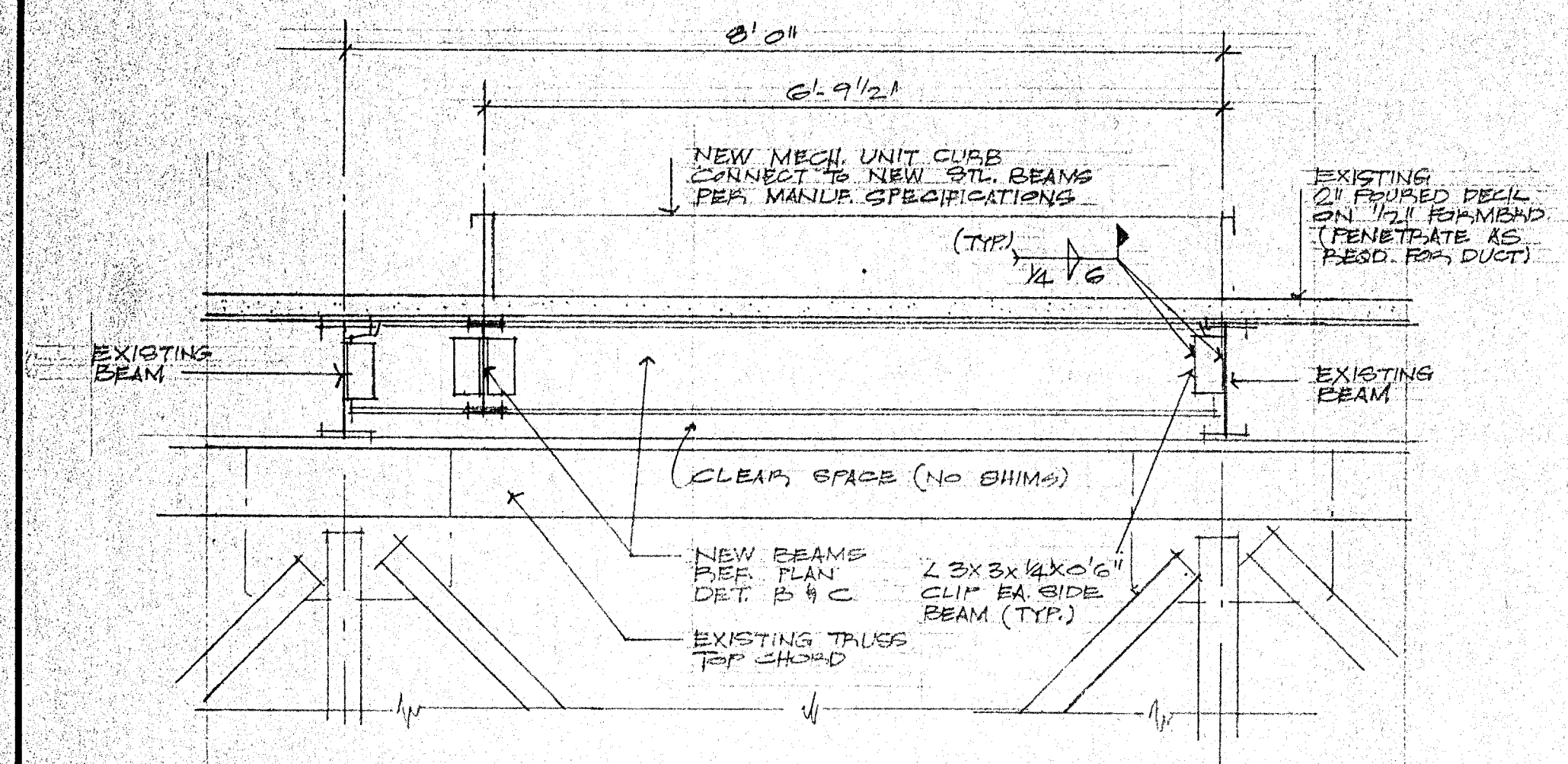
MASTERS GYM
FIRST FLOOR PLAN/PARTIAL
SCALE 1/8" = 1' 0"



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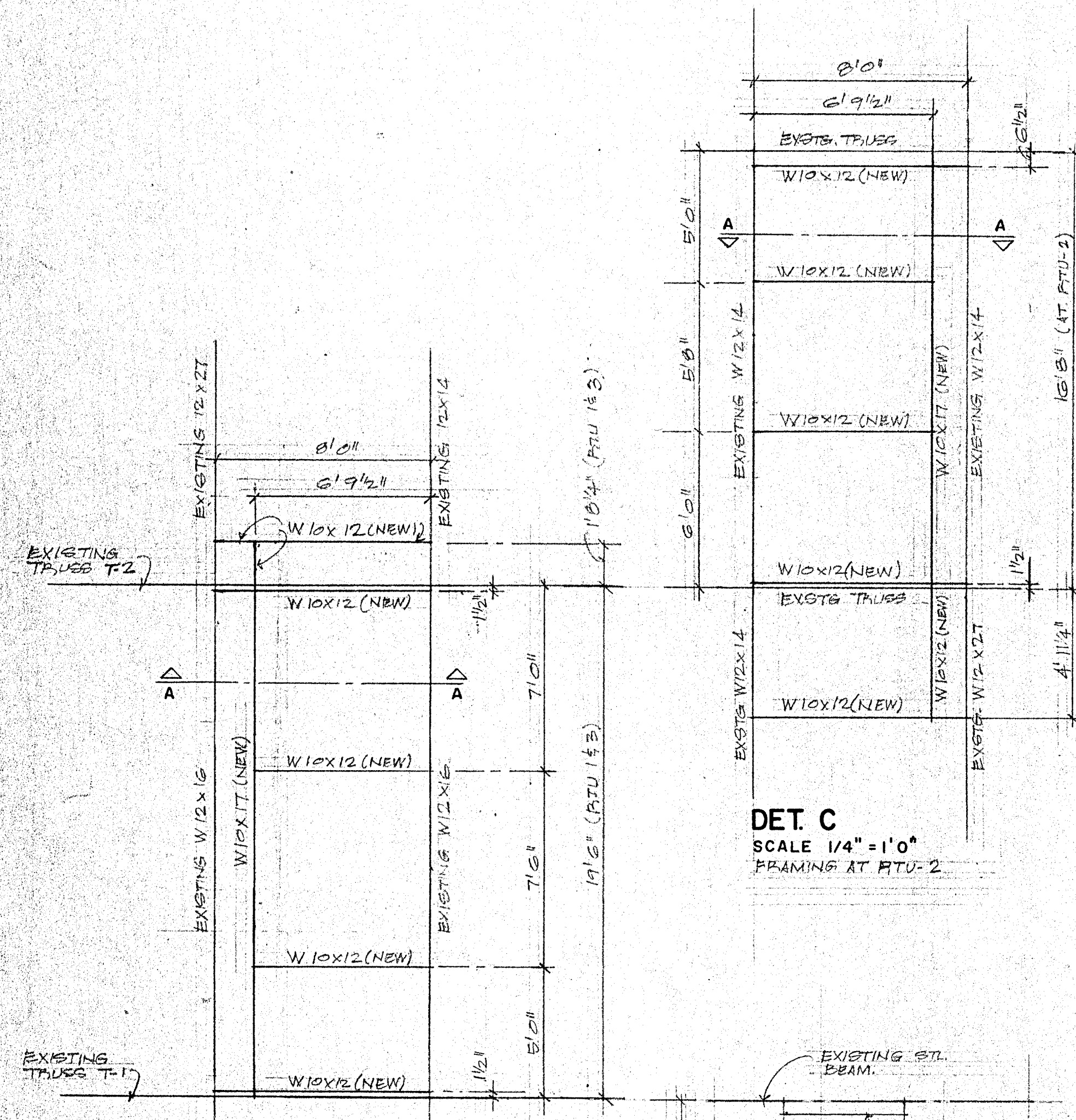
AIR CONDITIONING - MASTERS GYMNASIUM
FIRE DETECTION - WOMEN'S HIGH-RISE & DAVIS HALL
KILGORE COLLEGE

MASTERS GYM/MISC.



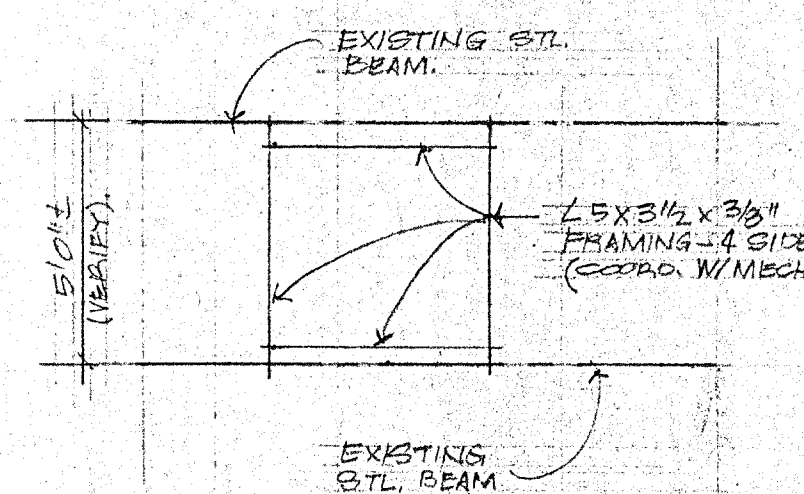
SECTION A
SCALE 3/4" = 1'-0"

- NOTES:**
1. NEW STEEL BEAMS SHALL BE ASTM A36 STEEL.
 2. ALL WELDING SHALL BE E70 ELECTRODES PER ASTM.
 3. ALL FIELD CONNECTIONS SHALL BE WELDED.

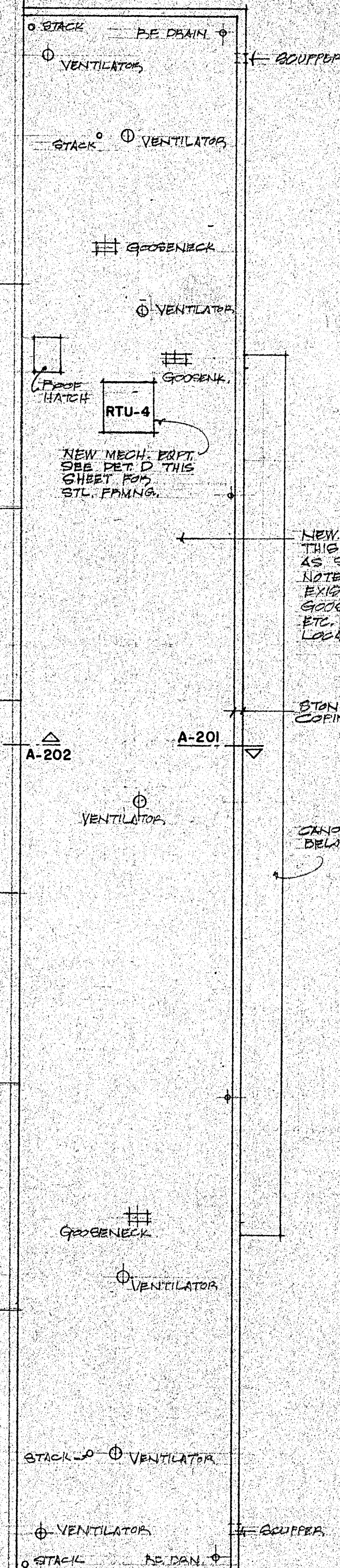
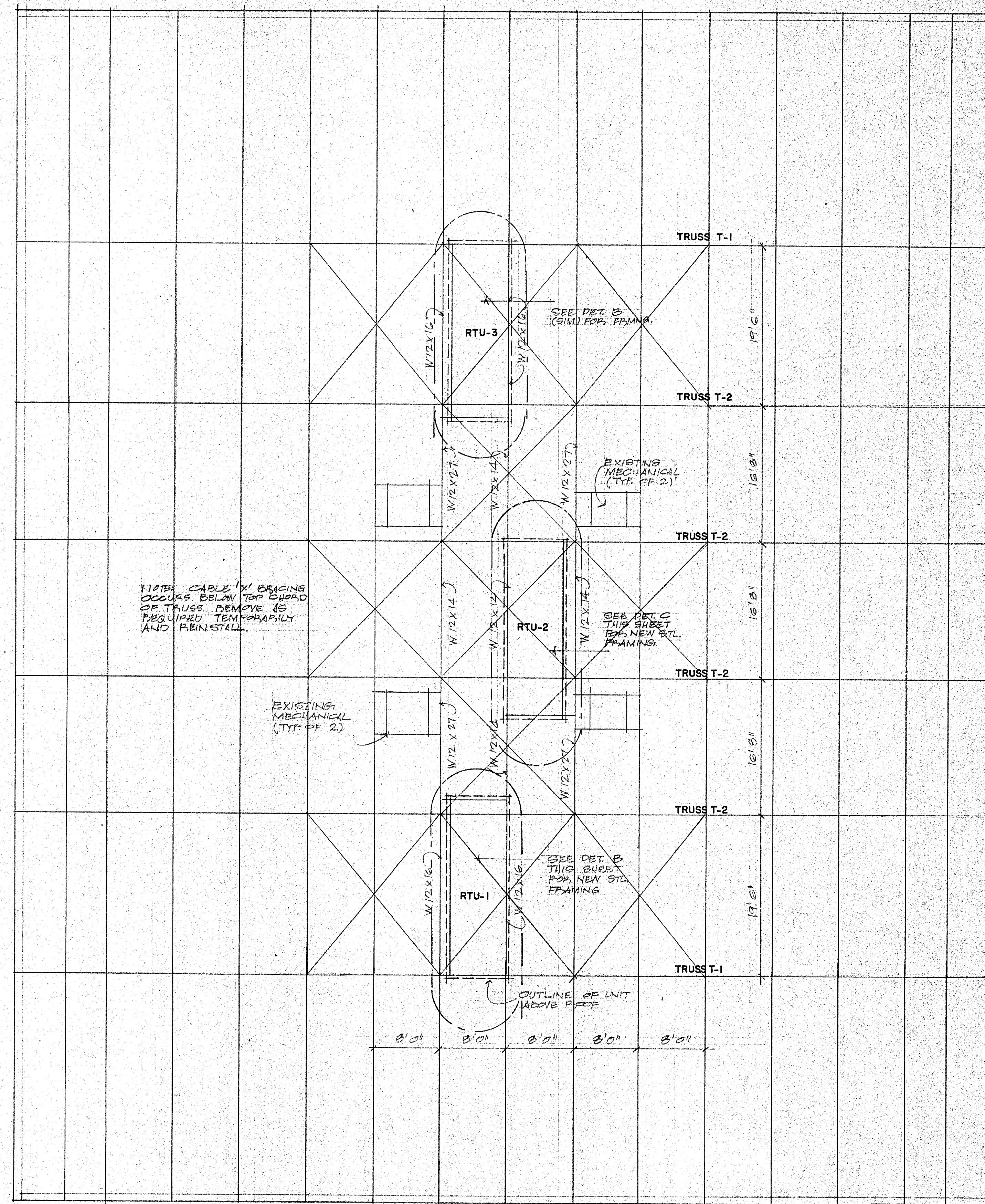


DET. C
SCALE 1/4" = 1'-0"
FRAMING AT RTU-2

DET. B
SCALE 1/4" = 1'-0"
FRAMING @ STU-1 (GIVE AT RTU-3, EXCEPT OPT. HING.)

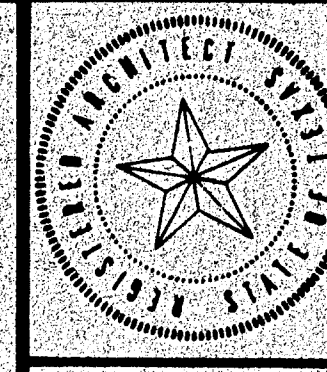


DET. D
SCALE 1/4" = 1'-0"
FRAMING AT RTU-4



**MASTERS GYM
ROOF FRAMING AT GYM
ROOF PLAN AT MEZZANINE**
SCALE 1/8" = 1'-0"

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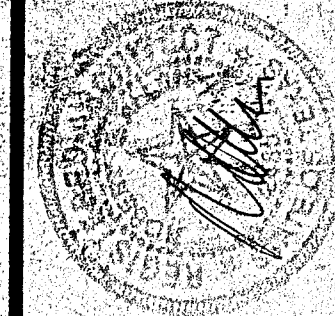
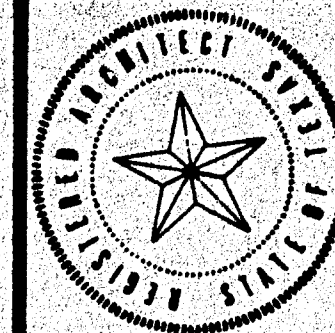


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**AIR CONDITIONING - MASTERS GYMNASIUM
FIRE DETECTION - WOMEN'S HIGH-RISE & DAVIS HALL
KILGORE COLLEGE**

MASTERS GYM / MISC

A3

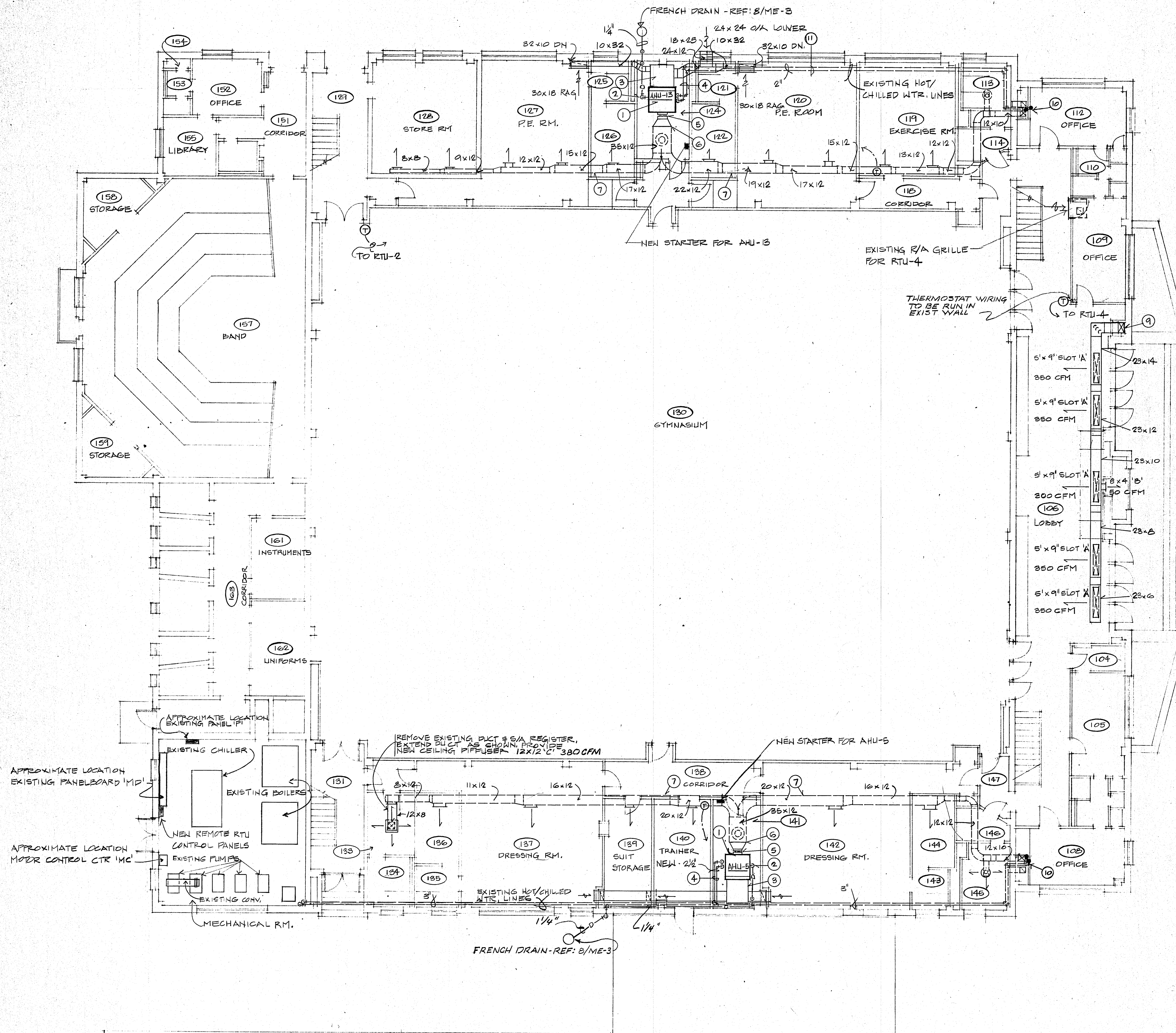


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**AIR CONDITIONING - MASTERS GYMNASIUM
FIRE DETECTION - WOMEN'S HIGH-RISE & DAVIS HALL
KILGORE COLLEGE**

**AIR CONDITIONING
MASTERS GYM
FIRST FLOOR PLAN**

ME-1



NOTES BY SYMBOL

1. REMOVE EXISTING AHU THIS LOCATION. INSTALL NEW AHU NO. 13 AS SCHEDULED AND SPECIFIED.
2. NEW CONDENSATE DRAIN LINE. ROUTE TO FRENCH DRAIN AS SHOWN.
3. EXISTING RETURN AIR PLENUM. REWORK TO FIT NEW AIR HANDLING UNIT.
4. RECONNECT EXISTING HOT/CHILLED WATER LINES TO NEW AHU. PROVIDE NEW VALVES AS REQUIRED. INSULATE EXISTING PIPING IN ACCORDANCE WITH THE SPECIFICATIONS.
5. PROVIDE NEW FLEX CONNECTION.
6. RECONNECT TO EXISTING DUCT AT THIS POINT.
7. INSULATE EXISTING DUCT ACCORDING TO SPECIFICATIONS.
8. **NOT USED**
9. REMOVE EXISTING DUCT FROM CHASE. INSTALL NEW DUCT SYSTEM AS SHOWN AND SPECIFIED.
10. EXISTING SUPPLY DUCT AND HOT/CHILLED WATER LINES. LEAVE AS IS IN VERTICAL CHASE.
11. REMOVE EXISTING INSULATION ON EXISTING HOT/CHILLED WATER LINES. RE-INSULATE ACCORDING TO THE SPECIFICATIONS.

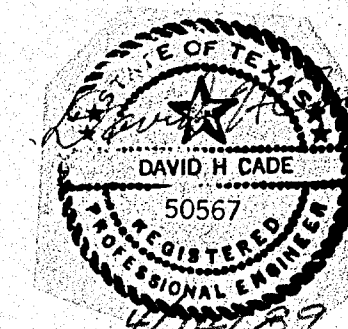
NOTES FOR ELECTRICAL WORK:

1. ADD A 225/3 BRANCH IN EXISTING SPACE IN EXISTING MAIN SWITCHBOARD AND RECONNECT THE EXISTING FEEDER SERVING THE MOTOR CONTROL CENTER "MC" TO BE FROM THIS ADDED 225/3 BRANCH RATHER THAN FROM THE EXISTING 400/3 BRANCH NOW FEEDING THE MOTOR CONTROL CENTER.
2. ADD A NEW FEEDER OF 3 #500CM IN A 3" FROM THE 400/3 BRANCH IN THE MAIN SWITCHBOARD THAT BECOMES SPARE BY THE WORK INDICATED ABOVE TO JUNCTION BOXES LOCATED IN THE ATTIC SPACE UNDER THE POWER SERVICE END OF NEW ROOF TOP AIR CONDITIONING UNITS RTU-1, RTU-2 AND RTU-3. PROVIDE A TAP FROM THIS ADDED 500CM FEEDER FROM THE JUNCTION BOXES UP TO A NEMA 3, 480 VOLT, 3 PHASE, 3 WIRE, 200A FUSED SWITCH AT THE POWER SERVICE LOCATION OF EACH OF RTU-1, 2 & 3. THE TAP AND FEEDER TO EACH RTU SHALL BE 3 #1/0, 1-1/2" C AND SHALL BE LESS THAN 25 FEET LONG. FUSE THE SWITCH AT 150 AMPERES.
3. PROVIDE A 30/30A, 480 VOLT, 3 PHASE, 3 WIRE FUSED SWITCH AT THE CATWALK UNDER NEW AIR CONDITIONING UNIT RTU-3 SUCH THAT IT IS WITHIN 10 FEET OF THE JUNCTION BOX WITH THE NEW 500CM FEEDER. TAP THE 500CM FEEDER WITH 3 NO. 8, 3/4" C TO FEED THE 30A SWITCH AND FEED NEW AIR CONDITIONING UNIT RTU-4 WITH 3 #10, 3/4" C. PROVIDE A 30/20A, 3 PHASE, 3 WIRE NEMA 3 FUSED SWITCH AT THE POWER ENTRY TO RTU-4.
4. SEE DIVISION 15 SPECIFICATIONS FOR REQUIREMENTS OF REMOTE CONTROL PANELS FOR THE NEW ROOF TOP AIR CONDITIONING UNITS. RUN WIRING FROM UNITS TO REMOTE PANEL LOCATIONS IN CONDUIT. PROVIDE INCREASED SIZE CONTROL WIRING TO ACCOMMODATE THE LONG RUNS.
5. EXISTING AIR HANDLING UNIT NO. 5 AND NO. 13 SERVING THE LOCKERS ARE BEING CHANGED FROM 1-1/2 HP, 208 VOLT, 3 PHASE TO 2 HP, 208 VOLTS, 3 PHASE AND NEW STARTERS ARE BEING PROVIDED. THESE UNITS ARE NOW SERVED FROM EXISTING PANEL "B" IN THE BOILER ROOM. REMOVE THE EXISTING CONNECTION TO THE EXISTING UNITS AND REWORK AND RECONNECT THE NEW AIR HANDLING UNITS TO BE FED FROM THE EXISTING CIRCUITS AND WIRING.

NOTE:

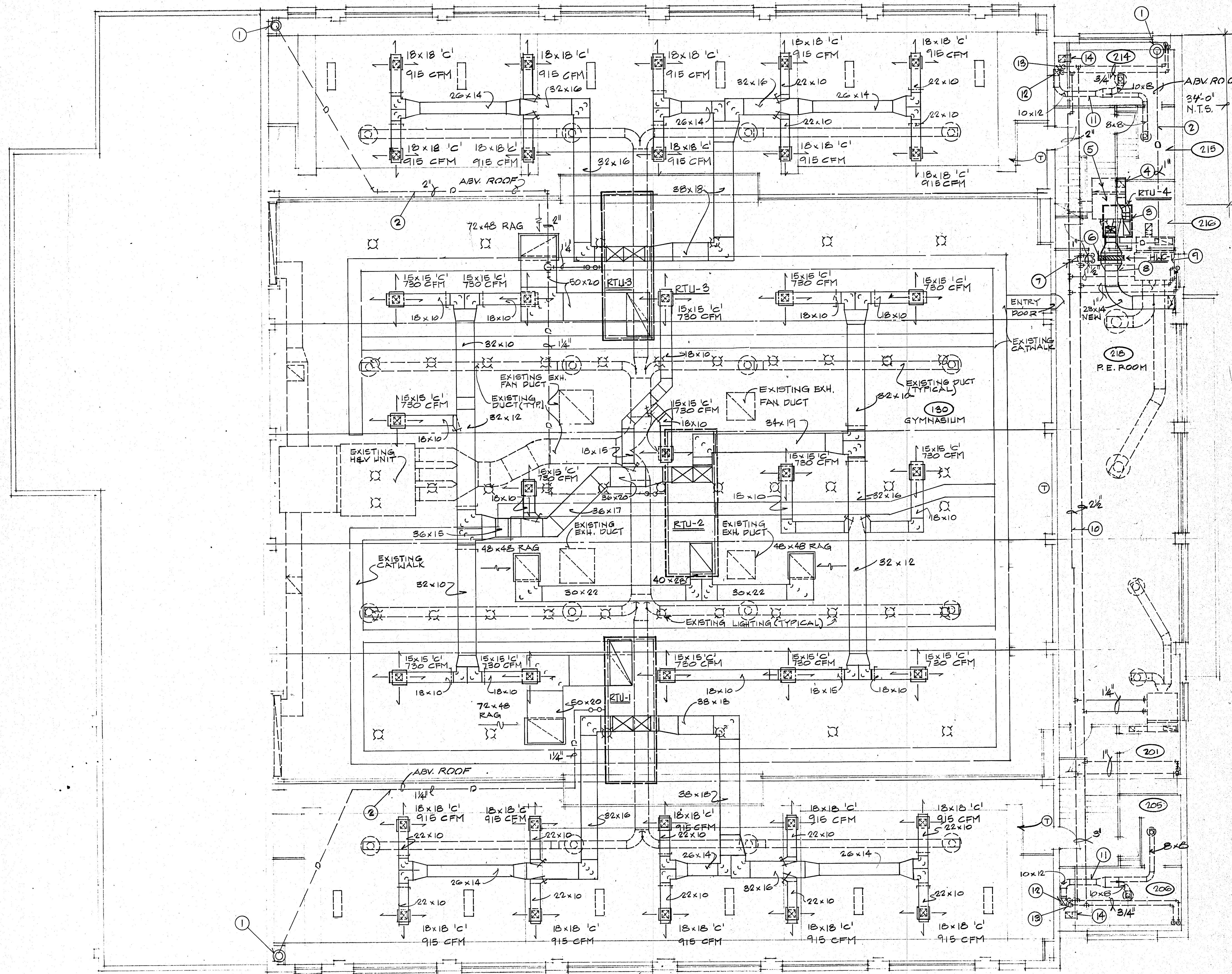
1. ALL SUPPLY & RETURN DUCT FROM RTU-1 THRU RTU-4 SHALL BE LINED WITH 1" DUCT LINER. SIZE SHOWN DRAWINGS ARE SHEET METAL SIZES.

**MASTERS GYM
FIRST FLOOR PLAN**
SCALE 1/8" = 1' 0"



GS

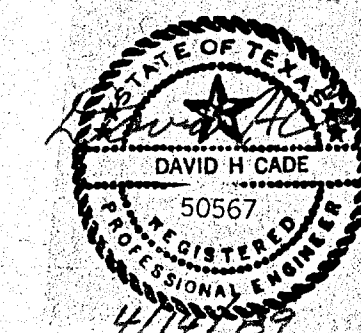
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NOTES BY SYMBOL

- EXISTING ROOF DRAIN.
- ROUTE NEW CONDENSATE FROM NEW RTU'S TO EXISTING ROOF DRAIN.
- NEW RTU-4 ON ROOF.
- TIE NEW HORIZONTAL F/A DUCT FROM AHU-4 TO EXISTING VERTICAL DUCT HERE.
- EXISTING AIR HANDLING UNIT. REMOVE UNIT, CAP EXISTING PIPING, AND DELIVER TO OWNER.
- NEW HOT WATER COIL 'HWC-1'. INSTALL IN NEW SUPPLY DUCT FROM AHU-4. PIPE ACCORDING TO HOT AND CHILLED WATER PIPING DETAIL.
- NEW PIPE CONNECTIONS TO EXISTING HOT/CHILLED PIPING.
- INSULATE NEW DUCT ACCORDING TO SPECIFICATIONS.
- EXISTING AHU. LEAVE AS IS. RE-INSULATE PIPING IN ACCORDANCE WITH SPECIFICATIONS.
- REMOVE EXISTING INSULATION FROM EXISTING PIPING. RE-INSULATE IN ACCORDANCE WITH SPECIFICATIONS.
- EXISTING DUCT. INSULATE IN ACCORDANCE WITH THE SPECIFICATIONS.
- EXISTING DUCT IN VERTICAL CHASE. DO NOT INSULATE.
- EXISTING PIPING IN VERTICAL CHASE. DO NOT INSULATE.
- EXISTING EXHAUST DUCT.

MASTERS GYM
SECOND FLOOR PLAN
SCALE 1/8" = 1'0"



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&
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AIR CONDITIONING

MASTERS GYM

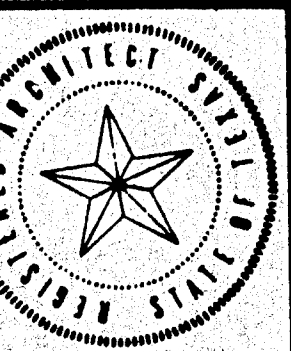
SECOND FLOOR PLAN

ME-2

AIR CONDITIONING-MASTERS GYMNASIUM
FIRE DETECTION-WOMEN'S HIGH-RISE & DAVIS HALL
KILGORE COLLEGE

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[illegible]

3 ROOFTOP UNITS																
DESIGNATION	SERVES	CFM	EXT. S.P.	FAN H.P.	COIL ENT.		SENSIBLE HEAT - BTU/HR	TOTAL HEAT - BTU/HR	AMBIENT TEMP. °F	ELECTRICAL CHARACTERISTICS				MINIMUM D.A. CFM	REMARKS	
					DB	WB				MCA	MPS	VOLTS	PHASE			STARTER
RTU-1 #3	NORTH & SOUTH SEATING	19,150	2.0"	10	78.1°F	66.6°F	243,003	372,517	101°F	24.0	135.7	460	3	FURNISHED BY UNIT	2000	TRANE SAHC-C304-A45D
RTU-2	GYM FLOOR	10,950	2.0"	10	73.0°F	60.9°F	249,300	311,800	101°F	24.0	135.7	460	3		400	" " " "
RTU-4	LOBBY	6,750	0.70"	3/4	76.1°F	63.2°F	43,960	54,980	101°F	15.0	20	460	3	↓	240	TRANE BTC060G4

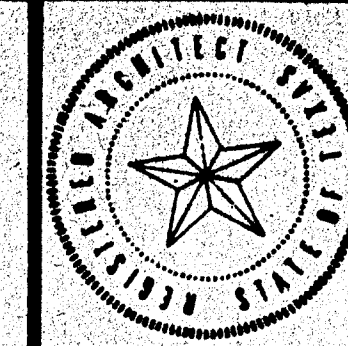
5 AIR DISTRIBUTION DEVICES					
DESIGNATION	DESCRIPTION	VOLUME CONTROL	DEFLECT DEVICE	FINISH	MANUFACTURER
'A'	LINEAR SLOT SUPPLY DIFF.	YES	YES	49 WHITE W/BLACK BLADES	KRUEGER MODEL 1901-575C-EC
'B'	CEILING RETURN REG.	YES	YES	WHITE	KRUEGER SERIE S-580-H-W/OBD
'C'	CEILING SUPPLY DIFFUSER 24x24 LAY-IN	YES	YES	WHITE	KRUEGER SERIES "S" W/ULTRATHRO-F28

[illegible]

1 MECHANICAL LEGEND			
SYMBOL	DESCRIPTION	ABBRV.	DESCRIPTION
	DRAIN	AF	ABOVE FINISHED FLOOR
	CHILLED WATER SUPPLY	AP	ACCESS PANEL
	CHILLED WATER RETURN	BO	BLANK-OFF
	BALL VALVE - SHUT OFF	CLG	CEILING
	BALL VALVE - SHUT OFF & BALANCING w/ MEMORY STOP COLLAR	CL	CENTERLINE
	GATE VALVE	DMPB	DAMPERS
	SPRING CHECK VALVE	DIFF	DIFFUSER
	MOTOR OPERATED VALVE	DN	DOWN
	TEMPERATURE & PRESSURE RELIEF VA.	DR	DRAINING
	PRESSURE RELIEF VALVE - SAFETY	EXH	EXHAUST
	AUTOMATIC AIR VENT	FLX	FLEXIBLE
	STRAINER	FL	FLOOR
	STRAINER WITH BLOWDOWN	FOB	FLAT ON BOTTOM
	UNION	FOT	FLAT ON TOP
	GAUGE	FD	FLOOR DRAIN
	GAUGE CONNECTION	NK	NECK
	THERMOMETER WELL	OA	OUTSIDE AIR
	THERMOMETER	PLBA	PLUMBING
	P T PLUG	REF	REFERENCE
	THERMOSTAT	PNC	PREHEAT COIL
	FIRE DAMPER	RET	RETURN
	SMOKE DAMPER	RA	RETURN AIR
	COMBINATION FIRE & SMOKE DMFR	TYP	TYPICAL
	SMOKE DETECTOR	VA	VALVE
	MANUAL VOLUME DAMPER	VTR	VENT THRU ROOF
	MOTOR OPERATED DAMPER	WFO	WITH FIRE DAMPER



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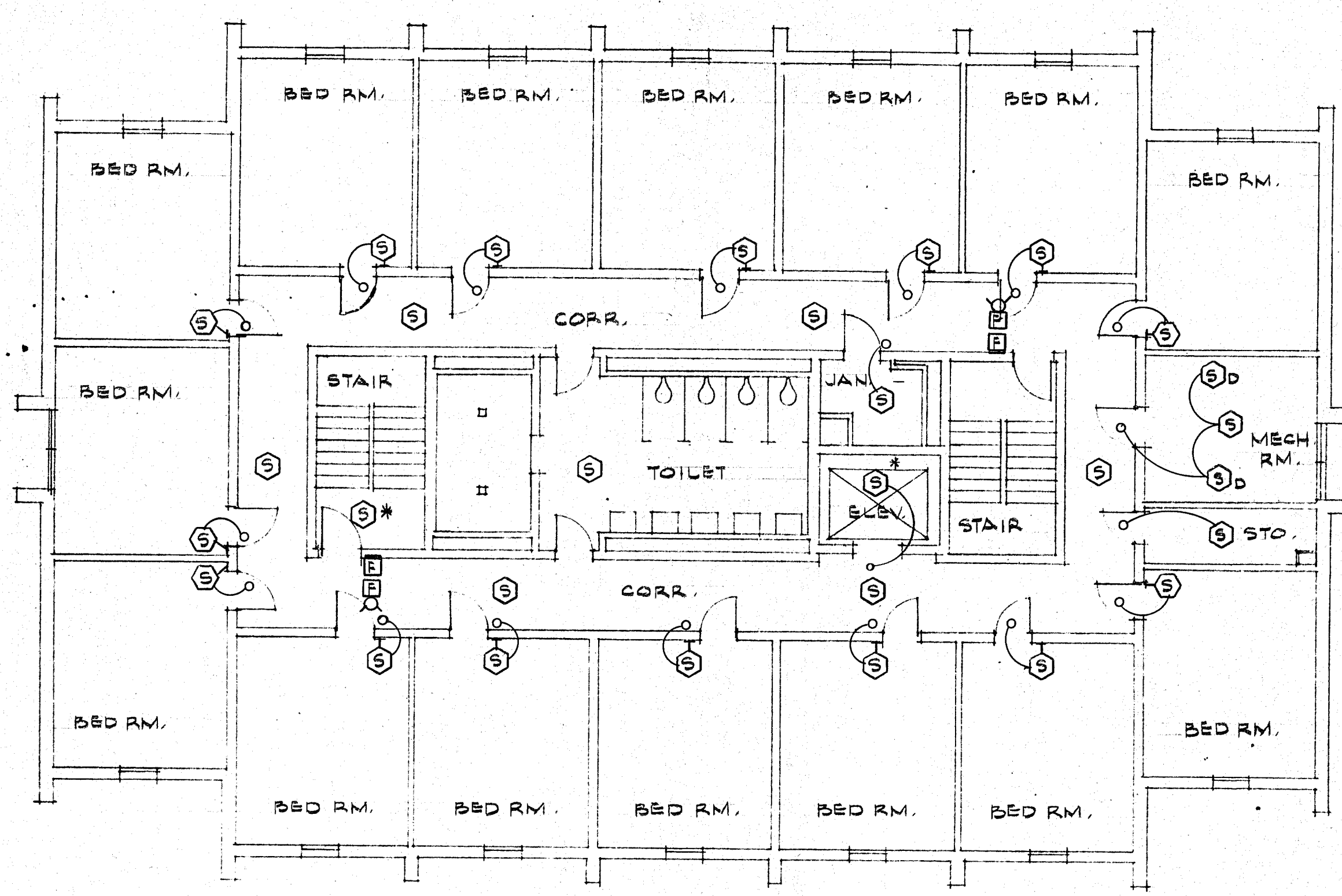


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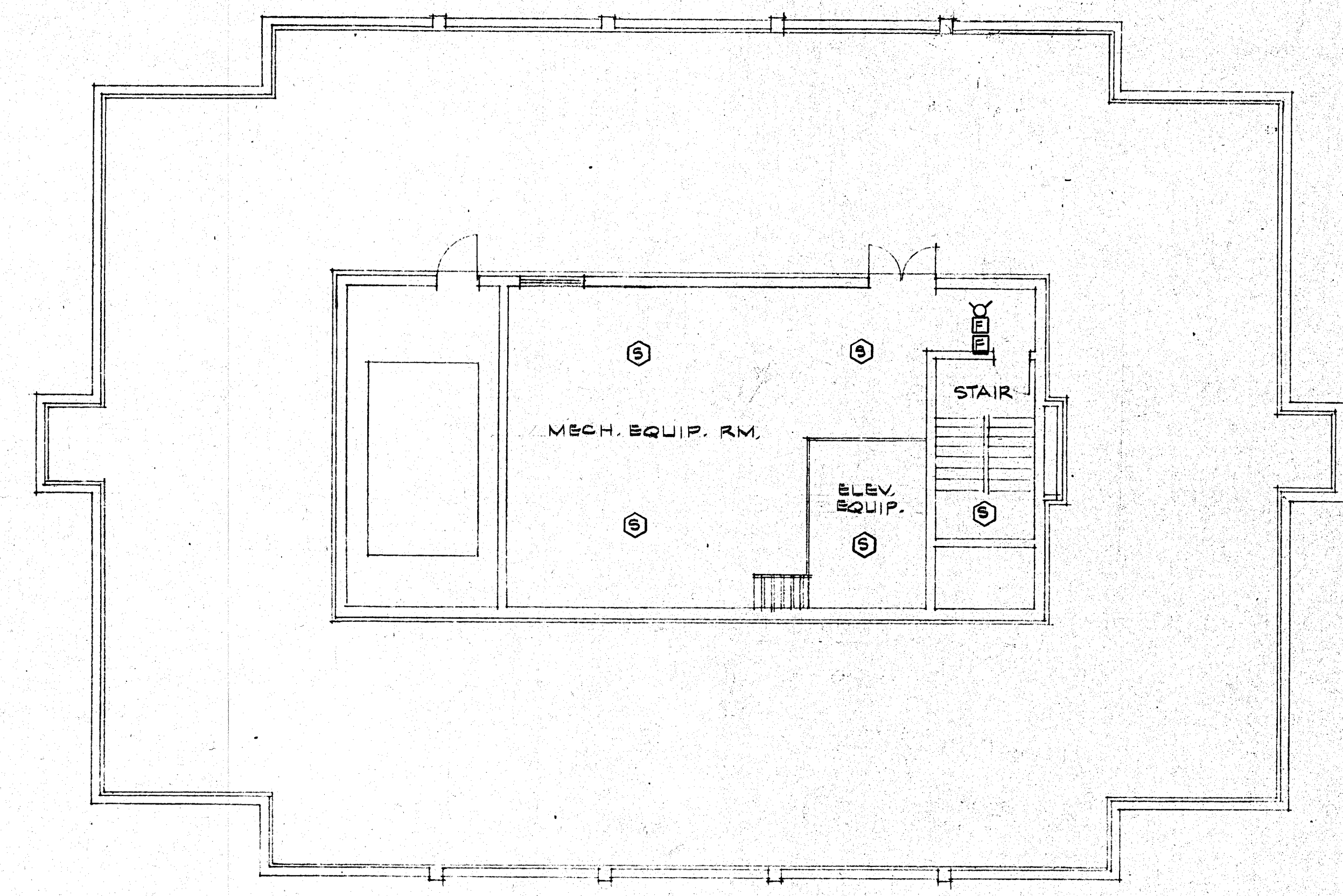
**AIR CONDITIONING-MASTERS GYMNASIUM
FIRE DETECTION-WOMEN'S HIGH-RISE & DAVIS HALL
KILGORE COLLEGE**

**FIRE DETECTION
WOMEN'S HIGH RISE
FLOOR PLANS & RISER**

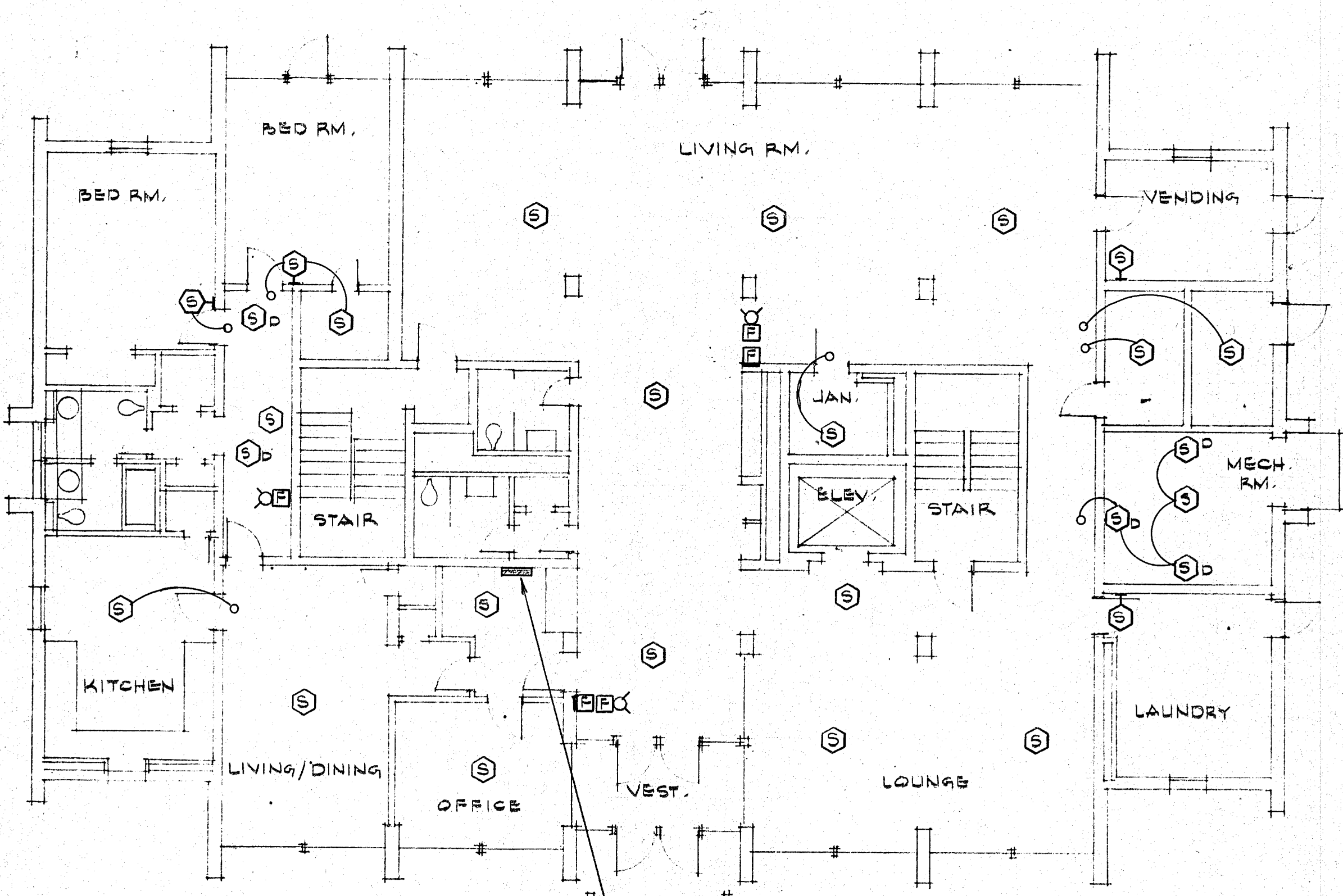
FA-1



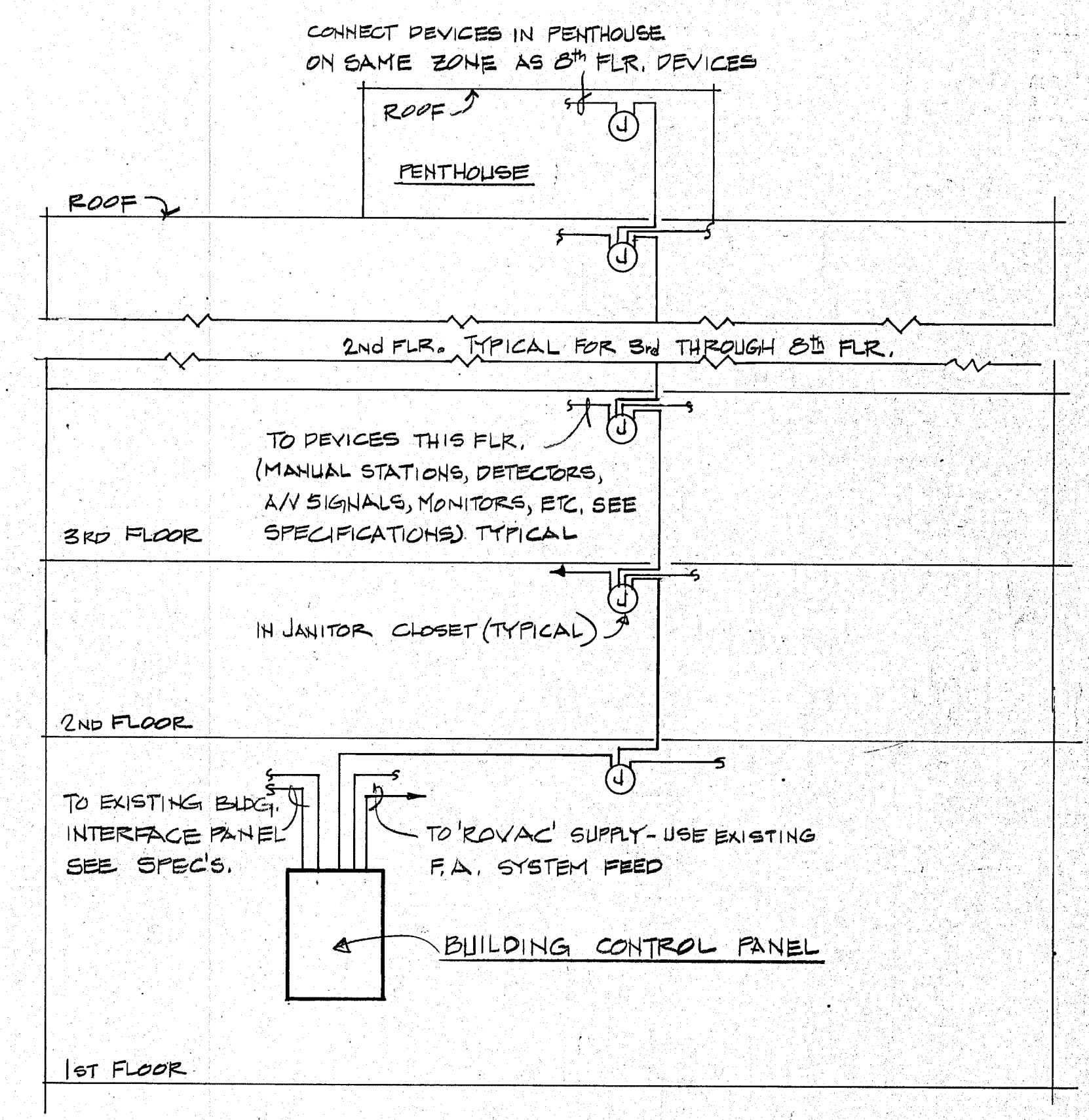
PLAN OF FLOORS 2 THRU 8



PENTHOUSE PLAN



**WOMEN'S HIGH-RISE DORMITORY
FIRST FLOOR PLAN
SCALE 1/8" = 1' 0"**

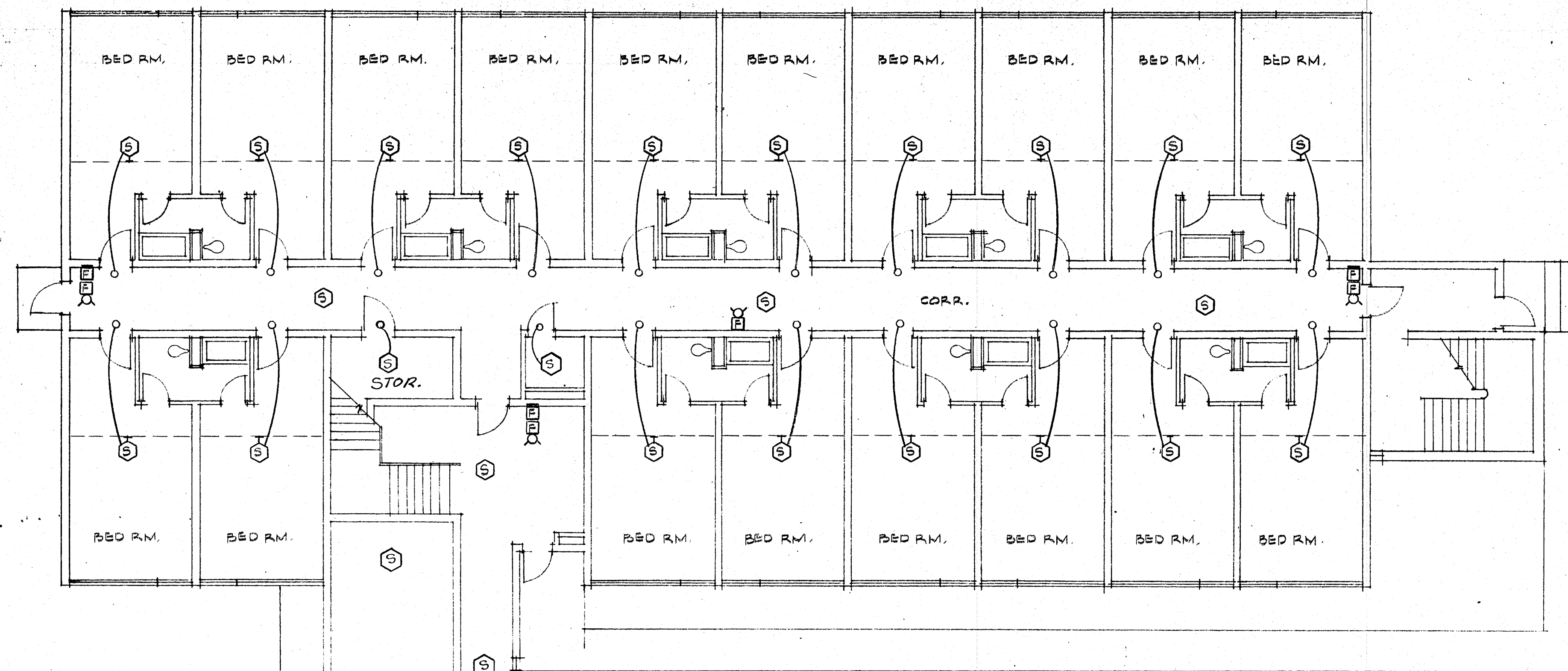


**F.A. RISER - WOMENS HI-RISE
NO SCALE**

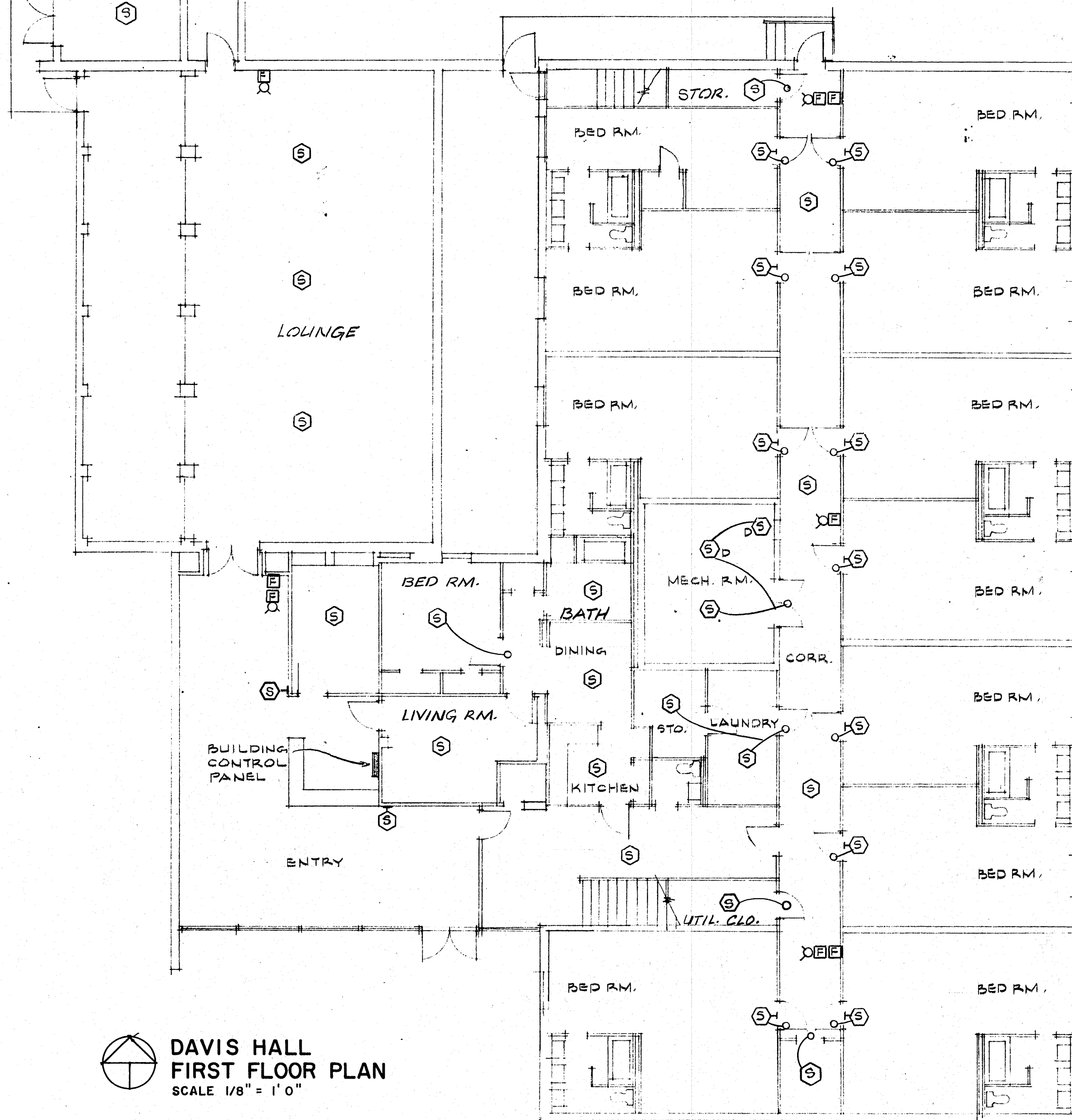
- LEGEND**
- (S) SMOKE DETECTOR
 - (D) DUCT DETECTOR
 - (S) SMOKE DETECTOR W/CONNECTION TO REMOTE INDICATOR LIGHTS LOCATED IN ACCESSIBLE CORRIDOR
 - (M) MANUAL PULL STATION
 - (H) HORN/LAMP DEVICE
 - * TOP OF STAIRWELL ONLY



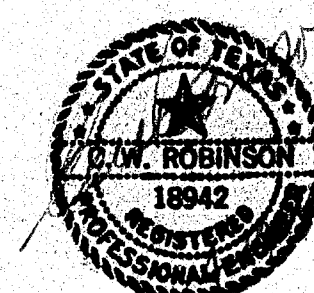
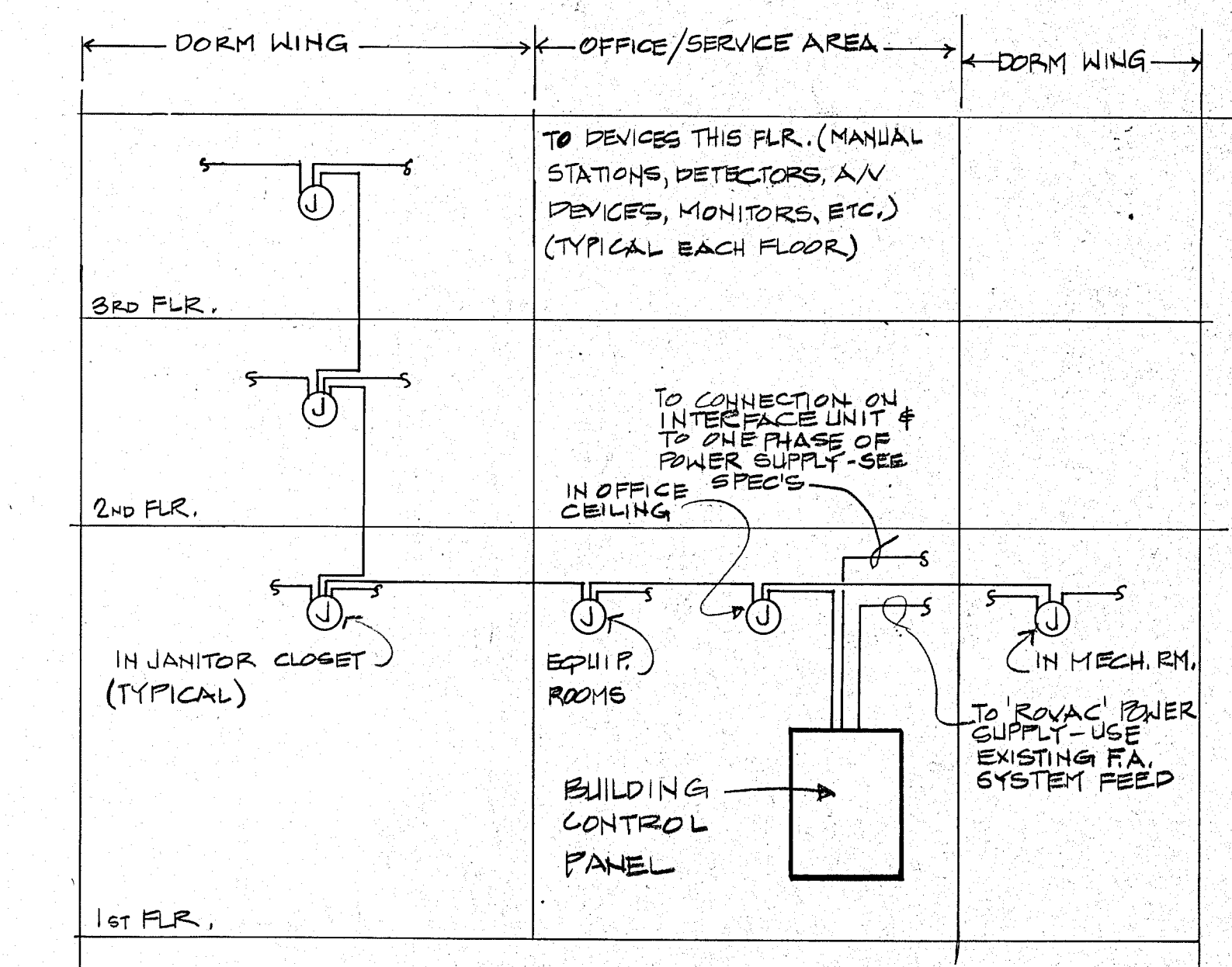
GS
**GAYNOR & SIRMEN
ENGINEERS**



- LEGEND**
- (S) SMOKE DETECTOR
 - (SD) DUCT DETECTOR
 - (SD) SMOKE DETECTOR W/CONNECTION TO REMOTE INDICATOR LIGHTS LOCATED IN ACCESSIBLE CORRIDOR
 - (MPS) MANUAL PULL STATION
 - (H/L) HORN/LAMP DEVICE
 - * TOP OF STAIRWELL ONLY



**DAVIS HALL
FIRST FLOOR PLAN**
SCALE 1/8" = 1' 0"



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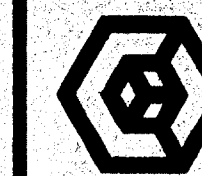
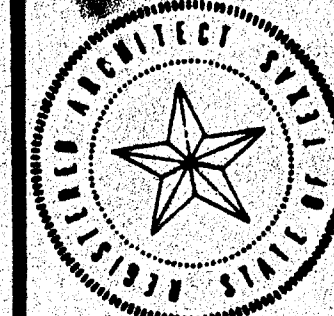
**FIRE DETECTION
DAVIS HALL
FIRST FLOOR PLAN**

FA-2

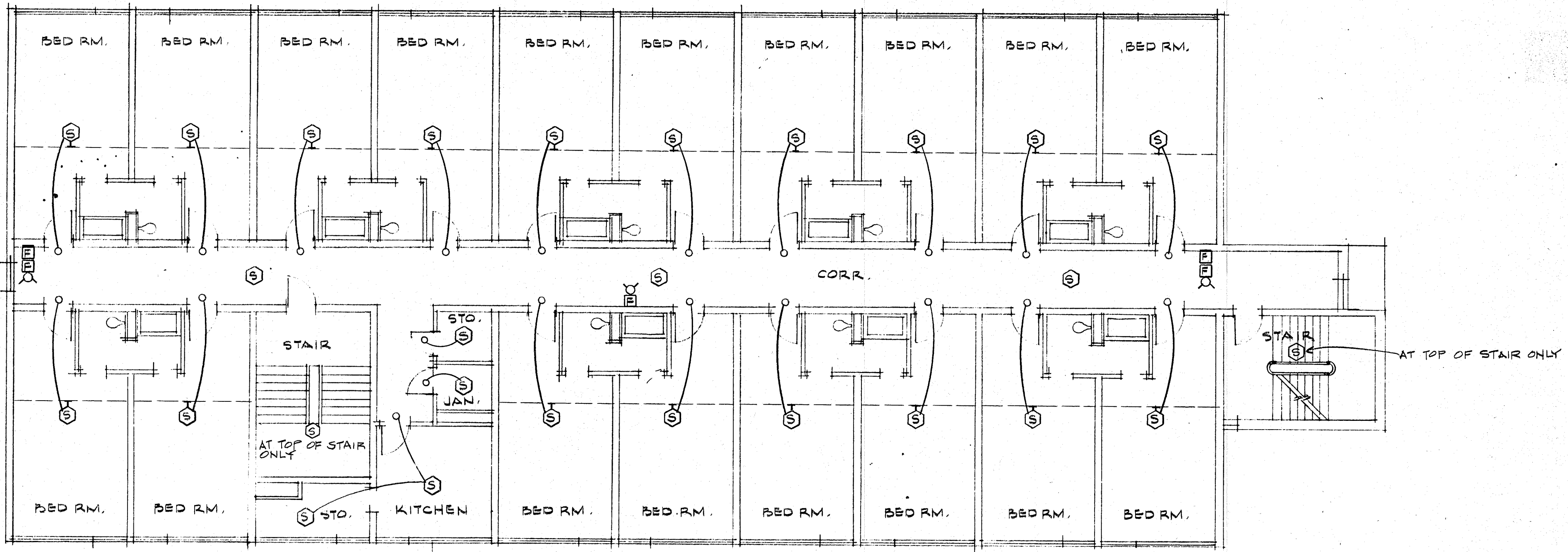
**AIR CONDITIONING - MASTERS GYMNASIUM
FIRE DETECTION - WOMEN'S HIGH-RISE & DAVIS HALL
KILGORE COLLEGE**

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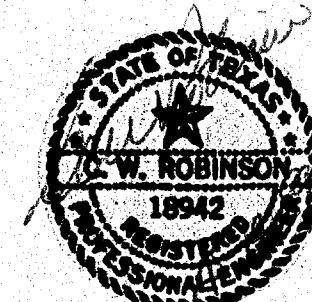
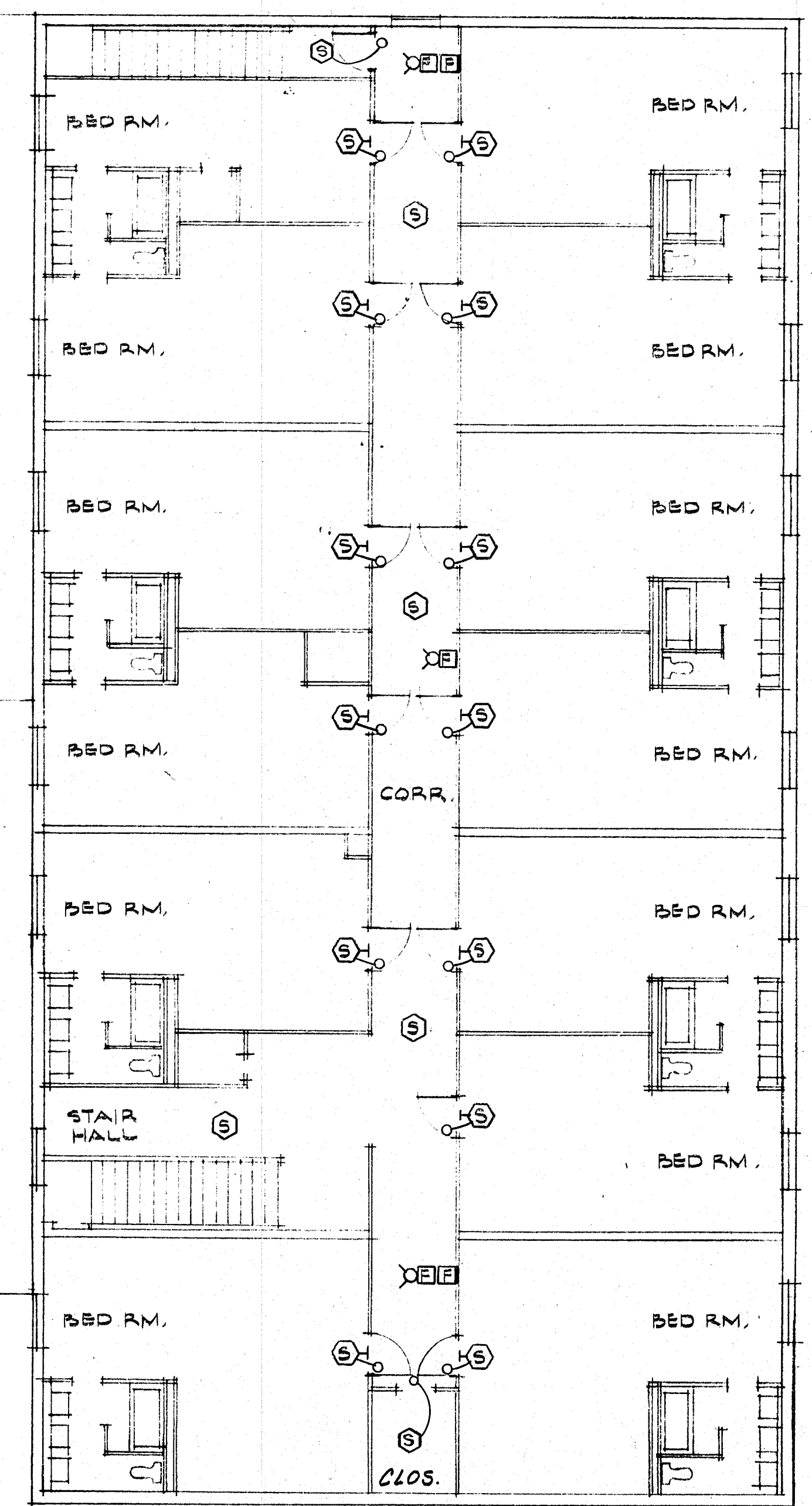
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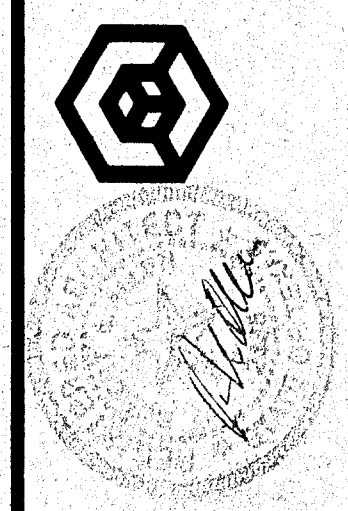
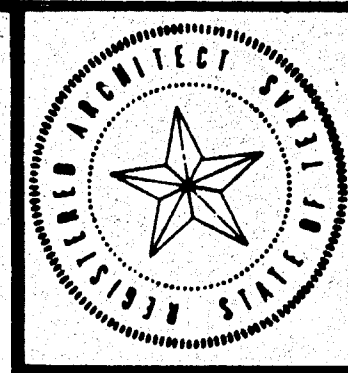
NOTE:
REPEAT THIS PORTION OF
PLAN FOR THIRD FLOOR.
PLAN IS IDENTICAL EXCEPT
SECOND LEVEL KITCHEN
ADJACENT TO WEST STAIR
IS LAUNDRY AT THIRD FLR.



DAVIS HALL
SECOND FLOOR PLAN
SCALE 1/8" = 1' 0"



GS
GAYNOR
&
SIRMEN
ENGINEERS



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AIR CONDITIONING-MASTERS GYMNASIUM
FIRE DETECTION-WOMEN'S HIGH-RISE & DAVIS HALL
KILGORE COLLEGE

FIRE DETECTION
DAVIS HALL
SECOND FLOOR PLAN

FA-3