

# SECOND PHYSICAL EDUCATIONAL FACILITY

## FOR

# LAWRENCE CENTRAL HIGH SCHOOL

## AND RELATED WORK FOR THE

# METROPOLITAN SCHOOL DISTRICT OF LAWRENCE TOWNSHIP

## INDIANAPOLIS, INDIANA

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THESE DRAWINGS ARE HEREBY APPROVED AND ADOPTED  
THIS 24th DAY OF MARCH, 1986,  
BY THE BOARD OF EDUCATION, THE SUPERINTENDENT OF SCHOOLS,  
THE ASSISTANT SUPERINTENDENT FOR BUSINESS AND OPERATIONS,  
AND THE DIRECTOR OF BUSINESS  
OF THE METROPOLITAN SCHOOL DISTRICT OF LAWRENCE TOWNSHIP

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### CIVIL

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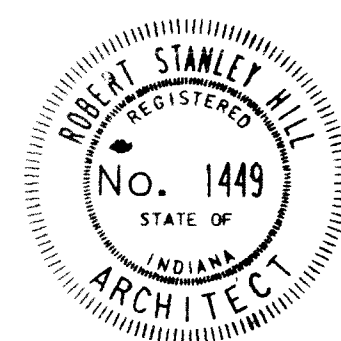
A-1 PARTIAL FLOOR PLAN  
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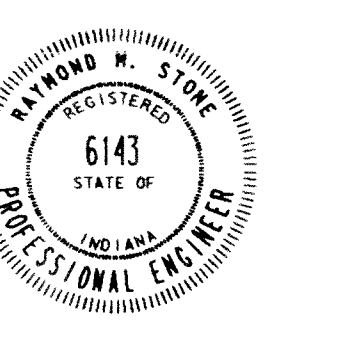
E-1 DETAILS AND SCHEDULES  
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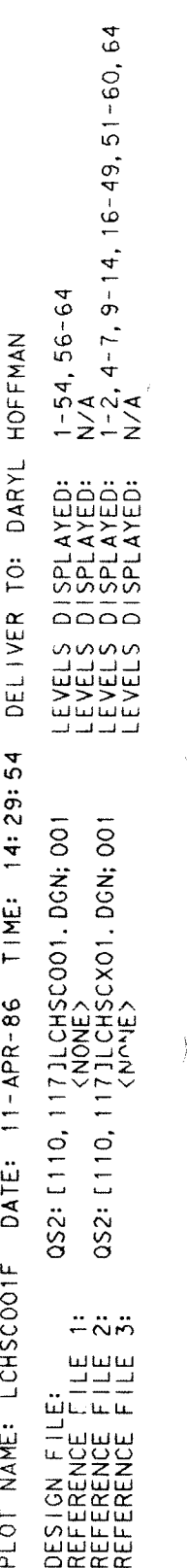
*Robert S. Hill*  
ROBERT S. HILL  
REGISTERED ARCHITECT NO. 1449

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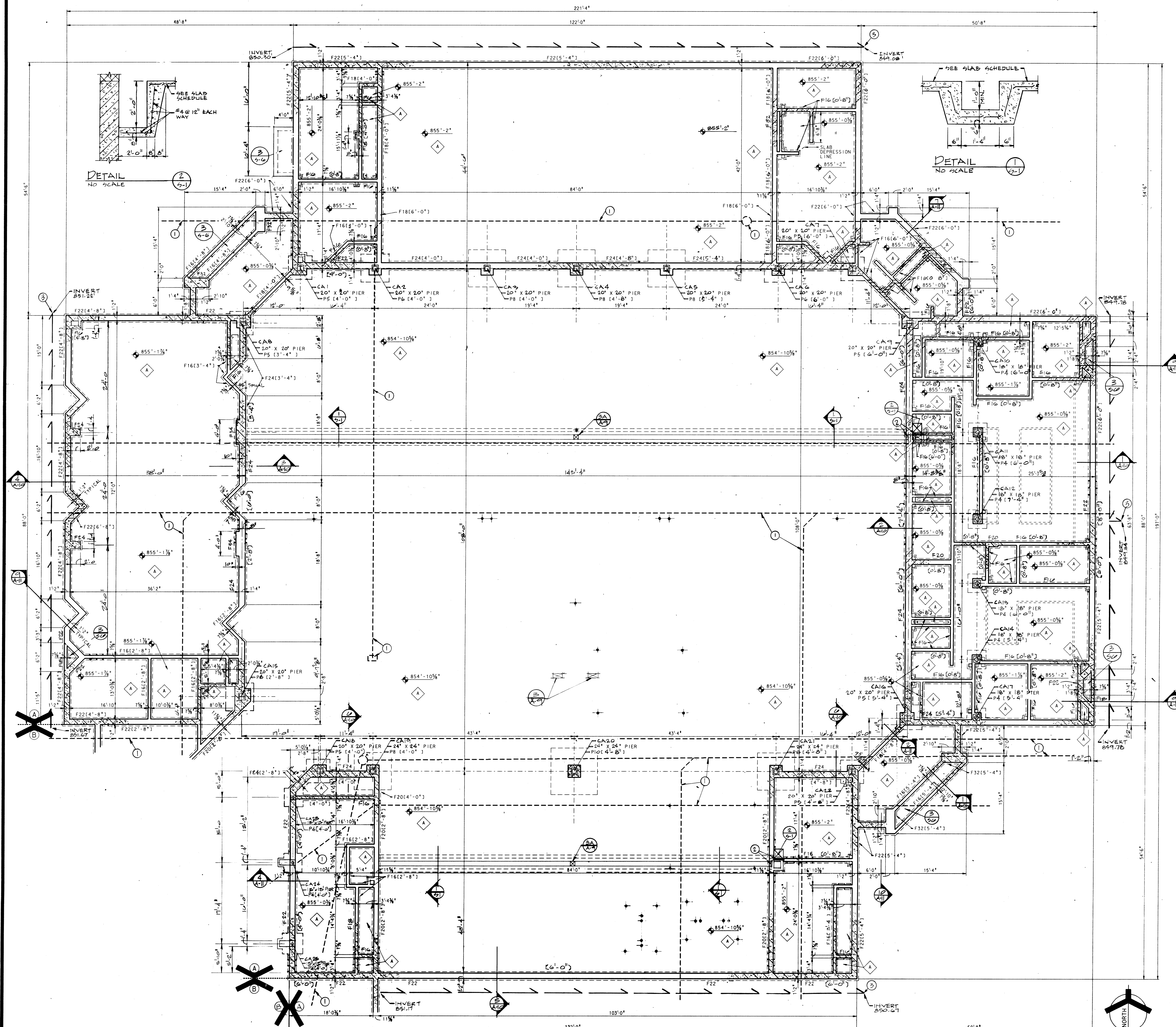
*Raymond M. Stone*  
RAYMOND M. STONE  
REGISTERED ENGINEER NO. 6143







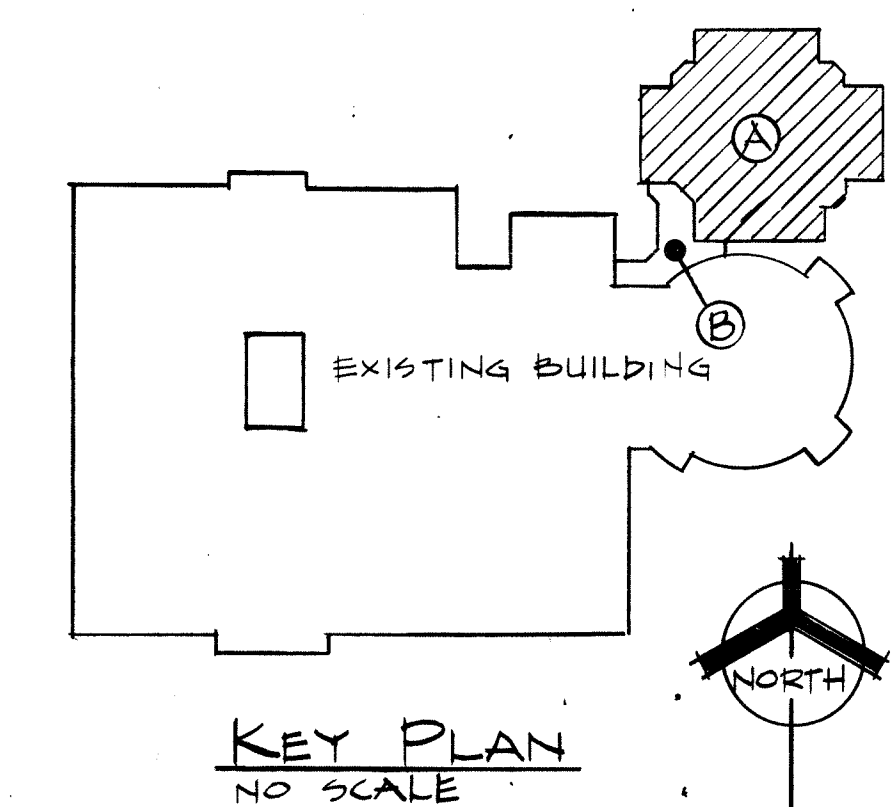




- GENERAL NOTES:**
- SEE SHEET 4-6 FOR CONCRETE SLAB SCHEDULE, CONCRETE FOOTING SCHEDULE, CONCRETE PIER SCHEDULE, CONCRETE PAD SCHEDULE, GENERAL FOUNDATION NOTES AND TYPICAL DETAILS.
  - ⬠ DENOTES CONCRETE SLAB. SEE SCHEDULE.
  - 855'-2" DENOTES ELEVATION TOP OF CONCRETE SLAB. IF NOT NOTED ELEVATION TO BE 855'-2".
  - (4'-0") DENOTES TOP OF PAD OR FOOTING BELOW NOMINAL FIRST FLOOR ELEVATION OF 0'-0" = 855'-2".
  - DENOTES THICKENED SLAB. SEE: (S10) (S11) (S12) (S13) (S14) (S15) (S16) (S17) (S18) (S19) (S20) (S21) (S22) (S23) (S24) (S25) (S26) (S27) (S28) (S29) (S30) (S31) (S32) (S33) (S34) (S35) (S36) (S37) (S38) (S39) (S40) (S41) (S42) (S43) (S44) (S45) (S46) (S47) (S48) (S49) (S50) (S51) (S52) (S53) (S54) (S55) (S56) (S57) (S58) (S59) (S60) (S61) (S62) (S63) (S64) (S65) (S66) (S67) (S68) (S69) (S70) (S71) (S72) (S73) (S74) (S75) (S76) (S77) (S78) (S79) (S80) (S81) (S82) (S83) (S84) (S85) (S86) (S87) (S88) (S89) (S90) (S91) (S92) (S93) (S94) (S95) (S96) (S97) (S98) (S99) (S100)
  - ⬠ DENOTES INTERSECTION OF MASONRY PARTITION WALL WITH EXTERIOR OR INTERIOR BEARING WALL WHERE MASONRY PIER IS REQUIRED. SEE: (M1) (M2) (M3) (M4) (M5) (M6) (M7) (M8) (M9) (M10) (M11) (M12) (M13) (M14) (M15) (M16) (M17) (M18) (M19) (M20) (M21) (M22) (M23) (M24) (M25) (M26) (M27) (M28) (M29) (M30) (M31) (M32) (M33) (M34) (M35) (M36) (M37) (M38) (M39) (M40) (M41) (M42) (M43) (M44) (M45) (M46) (M47) (M48) (M49) (M50) (M51) (M52) (M53) (M54) (M55) (M56) (M57) (M58) (M59) (M60) (M61) (M62) (M63) (M64) (M65) (M66) (M67) (M68) (M69) (M70) (M71) (M72) (M73) (M74) (M75) (M76) (M77) (M78) (M79) (M80) (M81) (M82) (M83) (M84) (M85) (M86) (M87) (M88) (M89) (M90) (M91) (M92) (M93) (M94) (M95) (M96) (M97) (M98) (M99) (M100)
  - DENOTES PERIMETER DRAIN AND DIRECTION OF FLOW. SEE: (D1) (D2) (D3) (D4) (D5) (D6) (D7) (D8) (D9) (D10) (D11) (D12) (D13) (D14) (D15) (D16) (D17) (D18) (D19) (D20) (D21) (D22) (D23) (D24) (D25) (D26) (D27) (D28) (D29) (D30) (D31) (D32) (D33) (D34) (D35) (D36) (D37) (D38) (D39) (D40) (D41) (D42) (D43) (D44) (D45) (D46) (D47) (D48) (D49) (D50) (D51) (D52) (D53) (D54) (D55) (D56) (D57) (D58) (D59) (D60) (D61) (D62) (D63) (D64) (D65) (D66) (D67) (D68) (D69) (D70) (D71) (D72) (D73) (D74) (D75) (D76) (D77) (D78) (D79) (D80) (D81) (D82) (D83) (D84) (D85) (D86) (D87) (D88) (D89) (D90) (D91) (D92) (D93) (D94) (D95) (D96) (D97) (D98) (D99) (D100)
  - SEE ARCHITECTURAL DRAWINGS FOR LOCATION OF WALLS NOT DIMENSIONED ON PLAN.
  - ⬠ DENOTES FLOOR INSET. SEE: (I1) (I2) (I3) (I4) (I5) (I6) (I7) (I8) (I9) (I10) (I11) (I12) (I13) (I14) (I15) (I16) (I17) (I18) (I19) (I20) (I21) (I22) (I23) (I24) (I25) (I26) (I27) (I28) (I29) (I30) (I31) (I32) (I33) (I34) (I35) (I36) (I37) (I38) (I39) (I40) (I41) (I42) (I43) (I44) (I45) (I46) (I47) (I48) (I49) (I50) (I51) (I52) (I53) (I54) (I55) (I56) (I57) (I58) (I59) (I60) (I61) (I62) (I63) (I64) (I65) (I66) (I67) (I68) (I69) (I70) (I71) (I72) (I73) (I74) (I75) (I76) (I77) (I78) (I79) (I80) (I81) (I82) (I83) (I84) (I85) (I86) (I87) (I88) (I89) (I90) (I91) (I92) (I93) (I94) (I95) (I96) (I97) (I98) (I99) (I100)

- PLAN NOTES:**
- APPARENT LOCATION OF EXISTING SEWER, SEE MECHANICAL DRAWINGS.
  - PROVIDE PRECAST LINTEL OVER TRENCH. LINTEL TO BE WAVE WITH A WALL ABOVE AND BEAR ON EACH END.
  - CONNECTION OF PERIMETER DRAIN IS BY THE MECHANICAL CONTRACTOR. SEE SHEET M-2.

UNIT "A" FOUNDATION AND FIRST FLOOR FRAMING PLAN  
SCALE: 1/8" = 1'-0"



ARCHITECTS  
ENGINEERS

**EVERETT · I · BROWN COMPANY**

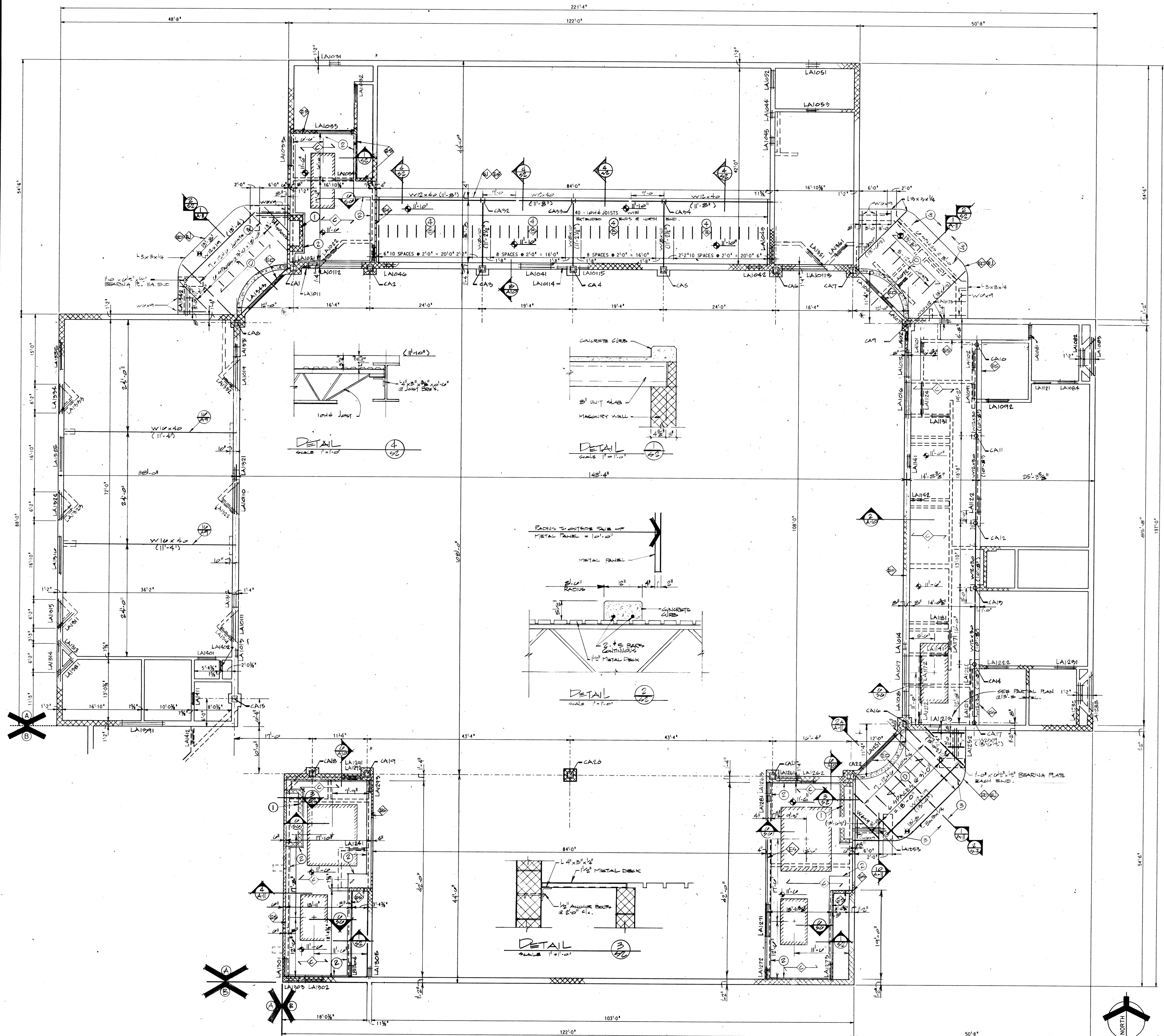
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LAWRENCE CENTRAL HIGH SCHOOL

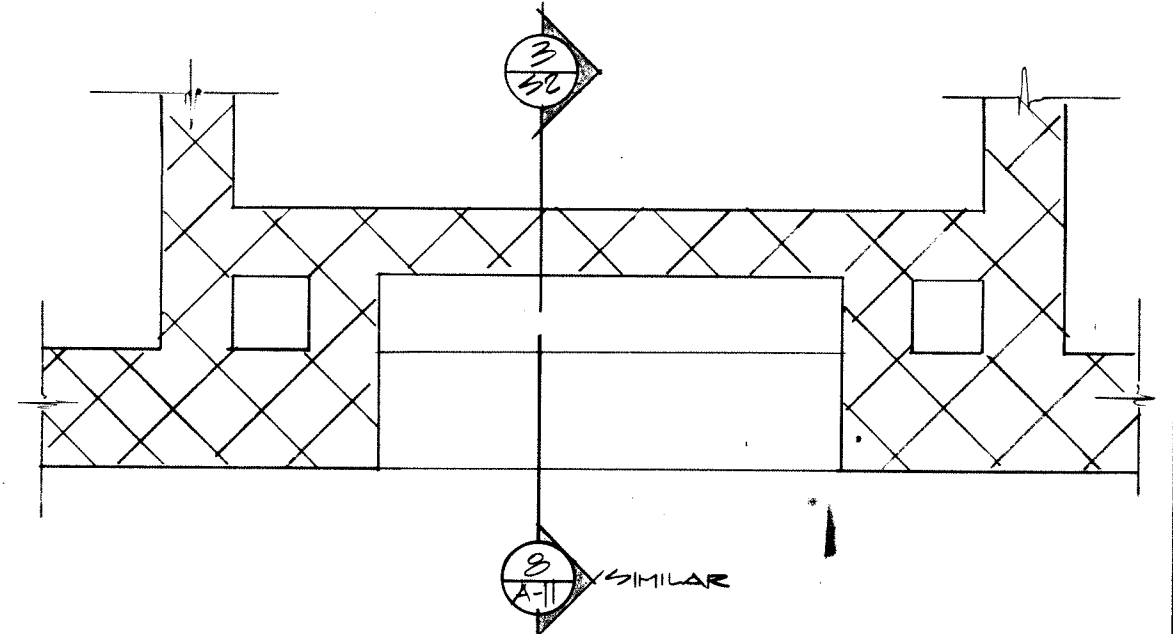
Project 851-190  
Date MARCH 24, 1986  
Revised

NO. S-1  
OF 6



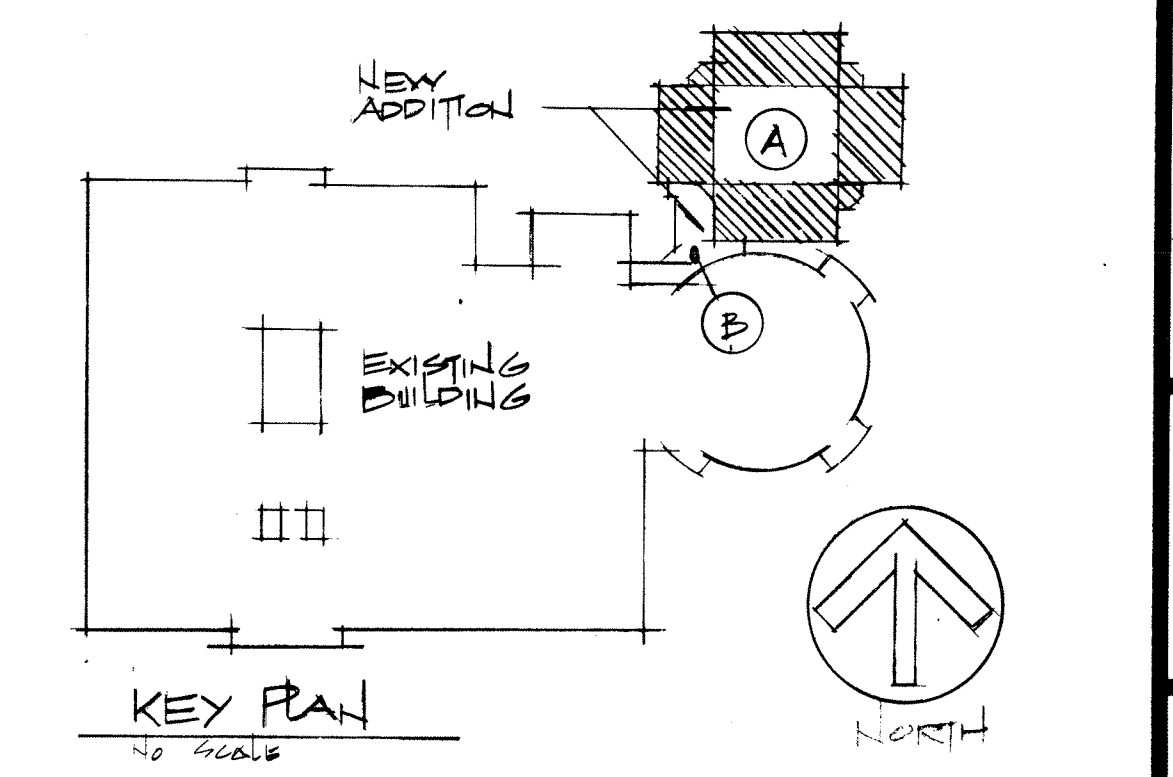


- PLAN NOTES**
1. MASONRY WALL ABOVE SLAB TO BE DETAIL FOR ADDITIONAL DEAD LOAD IN THIS AREA.
  2. CONCRETE CURB, SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS.
  3. EXTENDED BRGS REQUIRED FOR THESE JOISTS.
  4. CONCRETE SLAB IN THIS AREA IS A PART OF ALTERNATE NO. 2. STRUCTURAL STEEL AND JOISTS ARE PART OF BASE BID.



**PARTIAL PLAN @ 13'-8" LEVEL**

- GENERAL NOTES**
1. SEE SHEET 851-190 FOR COLUMN SCHEDULE, UNIT SCHEDULE, CONCRETE SLAB SCHEDULE, GENERAL FRAMING NOTES, AND TYPICAL DETAILS.
  2.  $\bullet$  12'-0" DENOTES ELEVATION TOP OF METAL DECK, OR CONCRETE SLAB ABOVE NOMINAL FIRST FLOOR ELEVATION OF 0'-0" = 10'-0".
  3.  $\bullet$  12'-0" DENOTES JOINT BEARING ELEVATION ABOVE NOMINAL FIRST FLOOR ELEVATION OF 0'-0" = 10'-0".
  4.  $\circ$  12'-0" DENOTES 1/2" 20 GAUGE METAL DECK AND DIRECTION OF SPAN.
  5.  $\diamond$  DENOTES CONCRETE SLAB, AND DIRECTION OF SPAN, WHERE APPLICABLE. SEE SCHEDULE SHEET 851-190.
  6. FIELD VERIFY ALL DIMENSIONS INDICATED BY AN ASTERISK (\*).
  7. ELEVATION OF BEAMS NOT GIVEN ON PLAN ARE AT CONCRETE SLAB OR METAL DECK BEARING.
  8.  $\nabla$  DENOTES EDGE OF CONCRETE SLAB.
  9.  $\nabla$  DENOTES EDGE OF METAL DECK.
  10.  $\nabla$  DENOTES END OF JOINT.



**UNIT "A" SECOND FLOOR & LOW ROOF FRAMING PLAN**  
SCALE: 1/8" = 1'-0"

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941 NORTH MERIDIAN STREET ·  
**LAWRENCE CENTRAL HIGH SCHOOL**

PROJECT  
851-190

DATE  
MARCH 24, 1986

REVISIONS

NO. S-2  
OF 6

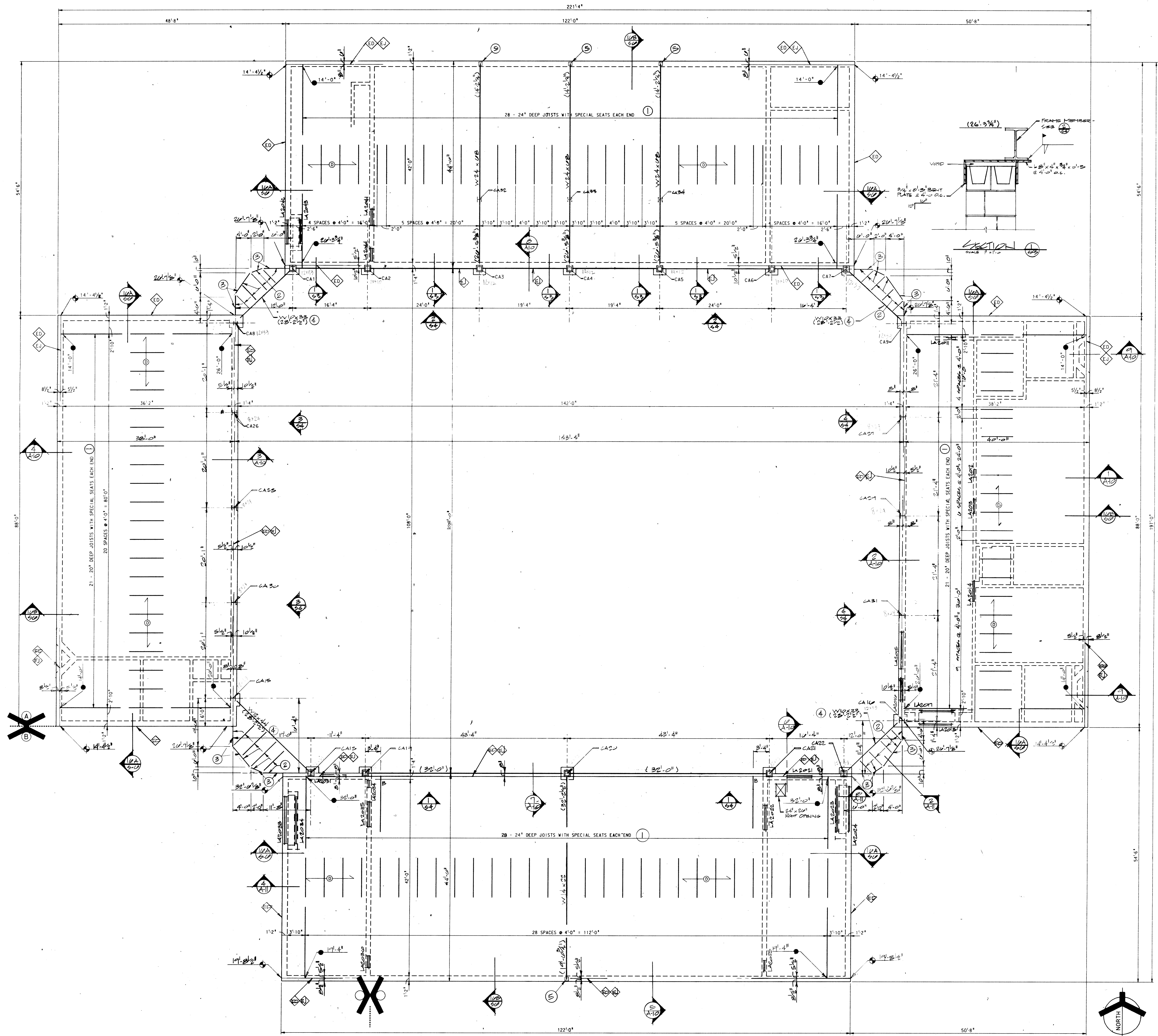
REGISTERED PROFESSIONAL ENGINEER

STATE OF INDIANA

NO. 6143

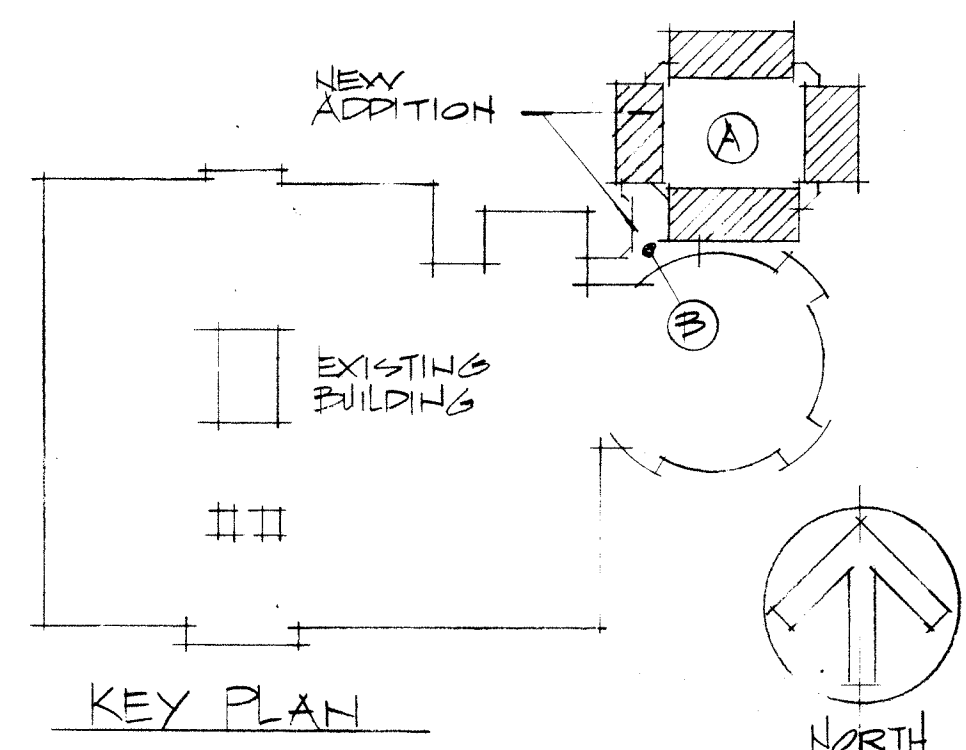
Raymond M. Stone





- GENERAL NOTES**
- SEE SHEET "A-1" FOR COLUMN SCHEDULE, TYPICAL FRAMING NOTES AND TYPICAL DETAILS.
  - DELIVERED ELEVATION TOP OF METAL DECK ABOVE NOMINAL FIRST FLOOR ELEVATION OF 0'-0" = SEE "A-1".
  - DELIVERED JOIST BEARING ELEV. ABOVE NOMINAL FIRST FLOOR ELEV. OF 0'-0" = SEE "A-1".
  - DELIVERED 1/2" x 20 GAUGE METAL DECK AND DIRECTION OF SPAN.
  - DELIVERED EDG. OF METAL DECK.
  - DELIVERED END OF JOIST.

- PLAN NOTES**
- DESIGN LOADS FOR JOISTS:  
LIVE LOAD: 35 PSF  
DEAD LOAD: 24 PSF + JOIST WT.  
LIVE LOAD DIRECTION: 3 SPAN/400
  - ALL MEMBERS ARE LENS. 3/8" ELEVATION TOP OF MEMBER TO BE 23'-0" ABOVE NOMINAL FIRST FLOOR ELEVATION 0'-0" = SEE "A-1".
  - PROVIDE 3/8" x HANGER RUCK CONNECTED TO STRUCTURE ABOVE FOR THING MEMBERS. STRONG AXIS OF RUCK TO BE 3/8" MAXIMUM.
  - STRONG AXIS OF THIS MEMBER TO BE ORIENTED TO RESIST HORIZONTAL LOADS.
  - PROVIDE A 3/8" x 10" x 10" BEARING PLATE WITH GRIP ANCHORS SIMILAR TO DETAIL 15/40.



**UNIT "A" INTERMEDIATE ROOF FRAMING PLAN**  
SCALE: 1/8" = 1'-0"

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**LAWRENCE CENTRAL HIGH SCHOOL**

RAYMOND M. STONE

PROJECT  
851-190

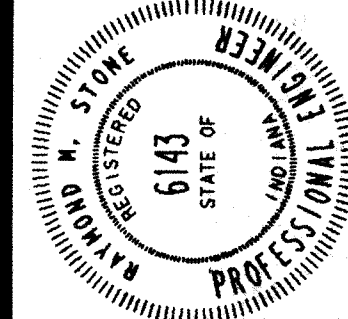
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OF 4

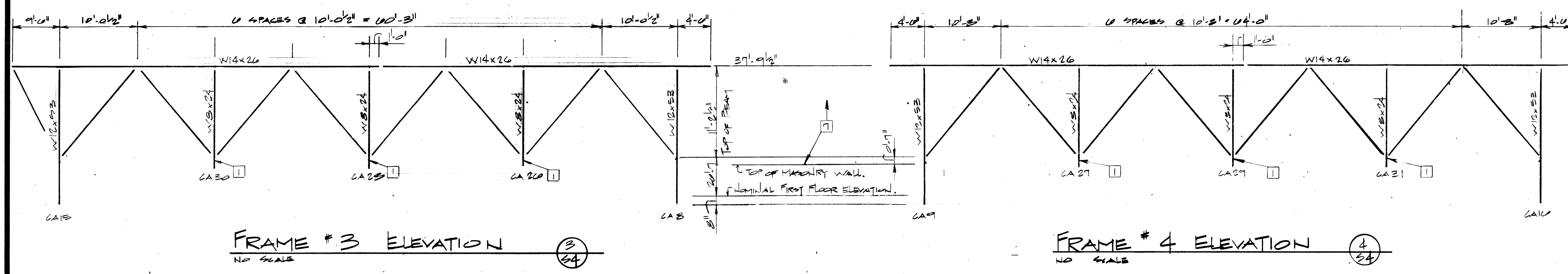
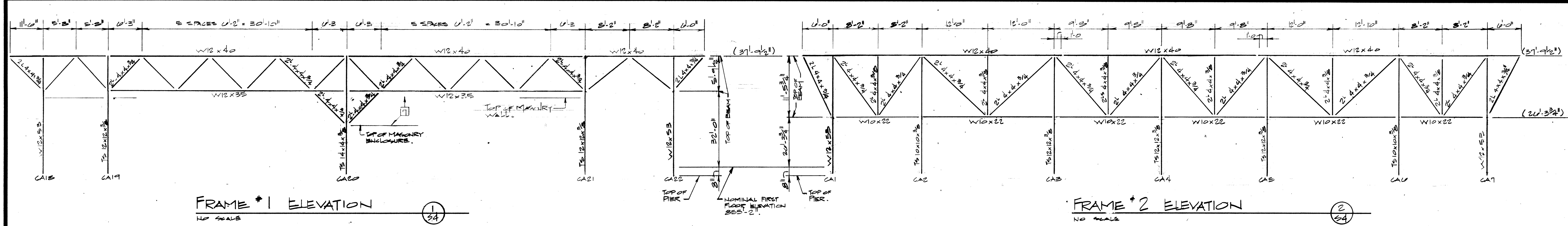


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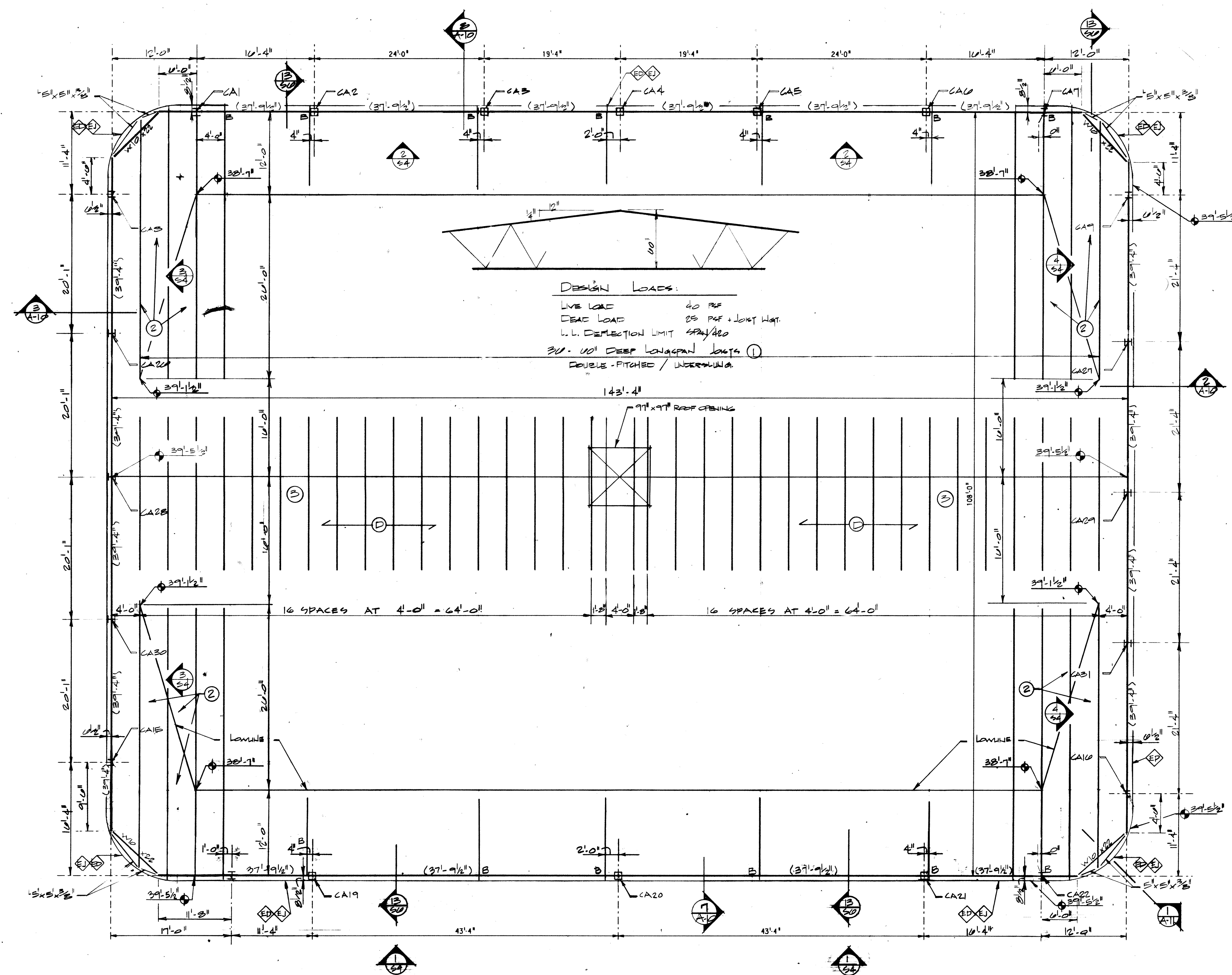
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NO. S-4  
OF 6



**FRAME ELEVATION NOTES**

1. GRANT ALL MASONRY BLOCK CORES AND ANY CAVITY SOLID 1/4" ON EACH SIDE OF COLUMN AND 2" DOWN FROM TOP OF WALL.
2. ALL WEB MEMBERS ARE 2" 4x4x3/8 UNLESS NOTED OTHERWISE.
3. ALL 2" 4x4x3/8 WEB MEMBERS ARE DESIGNED FOR A 34 KIP AXIAL LOAD IN TENSION OR COMPRESSION FOR FRAME #1.
4. ALL 2" 4x4x3/8 WEB MEMBERS ARE DESIGNED FOR A 50 KIP AXIAL LOAD IN TENSION OR COMPRESSION FOR FRAMES #2, 3 & 4.
5. ALL 2" 4x4x3/8 WEB MEMBERS ARE DESIGNED FOR A 74 KIP AXIAL LOAD IN TENSION OR COMPRESSION FOR FRAME #1.
6. ALL 2" 4x4x3/8 WEB MEMBERS ARE DESIGNED FOR A 135 KIP AXIAL LOAD IN TENSION OR COMPRESSION FOR FRAME #1.
7. ALL FRAME MEMBERS ARE TO BE 4"X4" FIREPROOFED ABOVE TOP OF MASONRY WALL OR MASONRY ENCLOSURE FOR ALL FRAMES.

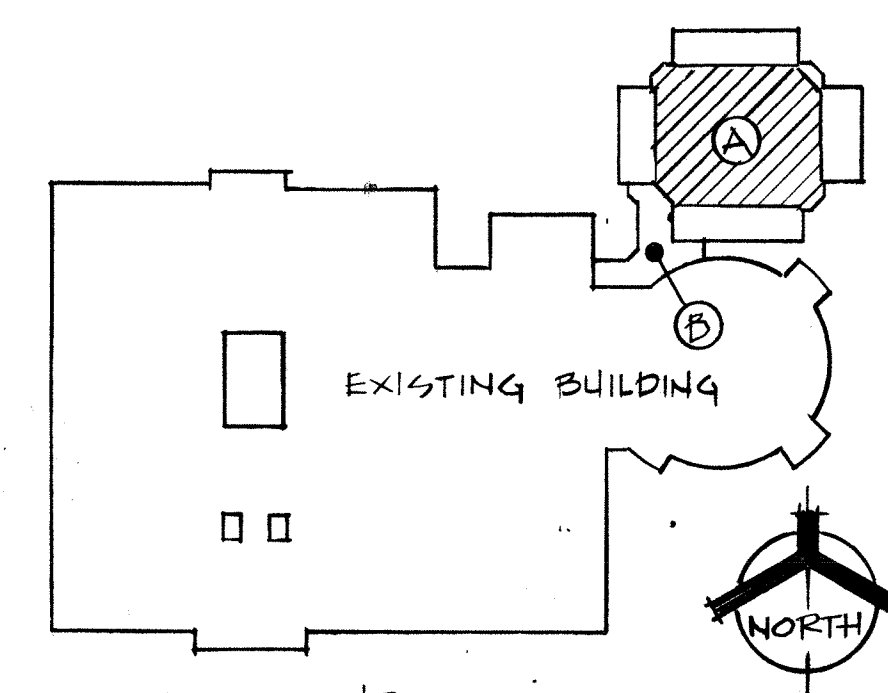


**PLAN NOTES**

1. THESE JOISTS REQUIRE TOP CHORD EXTENSIONS ON EACH END.
2. ADJUST DECK JOINTS IN THIS AREA FOR WARTER SURFACE.
3. THIS JOIST SPACE TO BE VOID OF ANY 'X-BRACING' TO ALLOW FOR DUCT CLEARANCE.

**GENERAL NOTES**

1. SEE SHEET 1/2-1 FOR COLUMN SCHEDULE, LINTEL SCHEDULE, TYPICAL FRAMING NOTES AND TYPICAL DETAILS.
2. 20'-0" DENOTES ELEVATION TOP OF METAL DECK ABOVE NOMINAL FIRST FLOOR ELEVATION OF 0'-0" ± 0.55' ± 2".
3. 27'-9 1/2" DENOTES JOIST BEARING ELEVATION ABOVE NOMINAL FIRST FLOOR ELEVATION OF 0'-0" ± 0.55' ± 2".
4. (D) DENOTES 1/2" 20 GAUGE METAL DECK AND DIRECTION OF SPAN.
5. (E) DENOTES EDGE OF METAL DECK.
6. (J) DENOTES END OF JOISTS.





**UNIT "A" HIGH ROOF FRAMING PLAN**

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

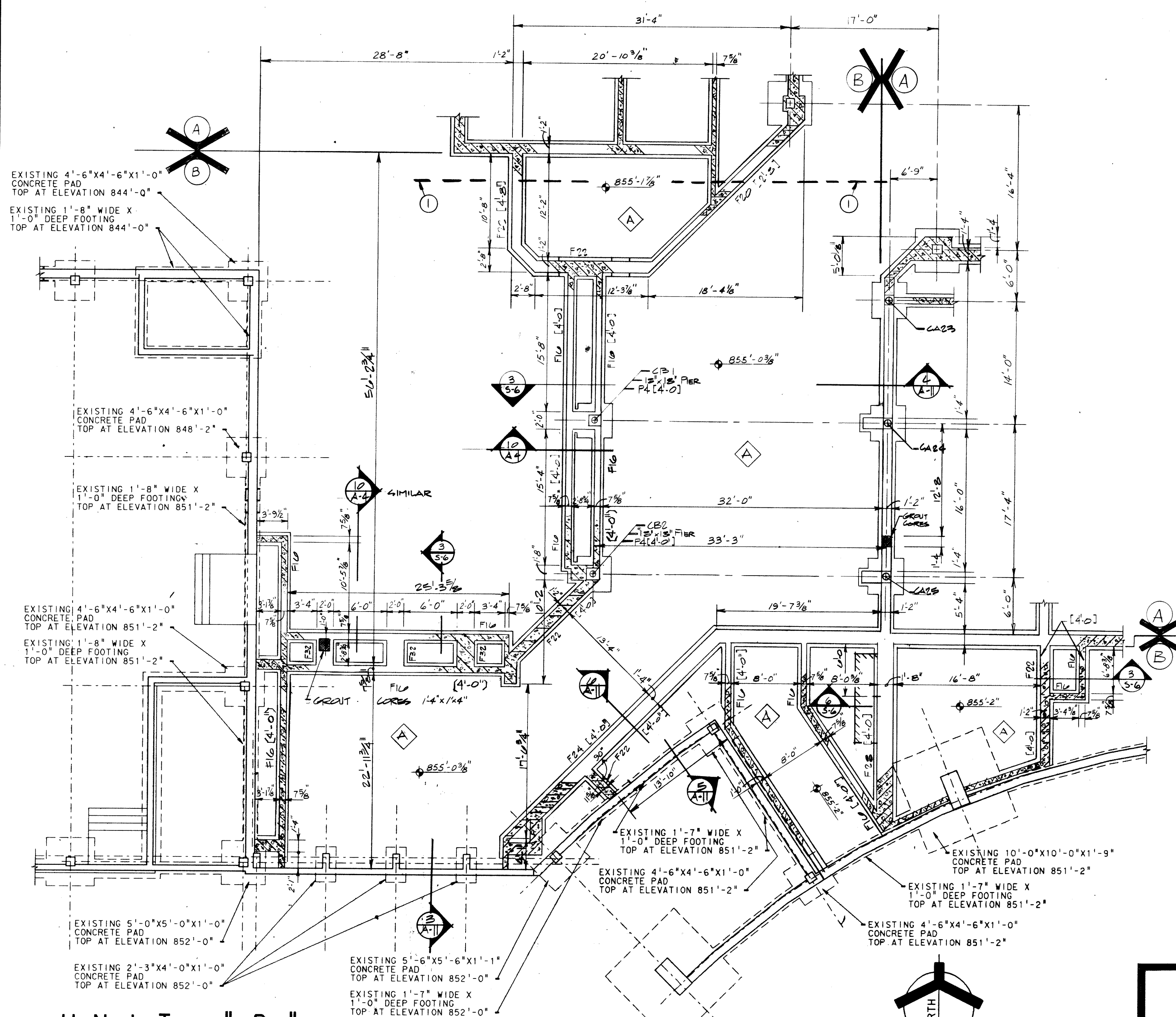


GENERAL NOTES:

1. SEE SHEET 8-6 FOR CONCRETE SLAB SCHEDULE, CONCRETE FOOTING SCHEDULE, CONCRETE FIBER SCHEDULE, CONCRETE PAD SCHEDULE, GENERAL FOUNDATION NOTES AND TYPICAL DETAILS.
2.  DENOTES CONCRETE SLAB. SEE SCHEDULE.
3.   $\pm 0.55' \pm 2"$  DENOTES ELEVATION TOP OF CONCRETE SLAB, IF NOT NOTED ELEVATION TO BE  $\pm 0.55' \pm 2"$ .
4.  $(4'-0")$  DENOTES TOP OF PAD OR FOOTING BELOW NOMINAL FIRST FLOOR ELEVATION OF  $\pm 0.00' \pm 0.55' \pm 2"$ .
5. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS AT THIS SITE.






### PLAN NOTES:

- ① APPARENT LOCATION OF EXISTING SEWER, SEE MECHANICAL DRAWINGS.



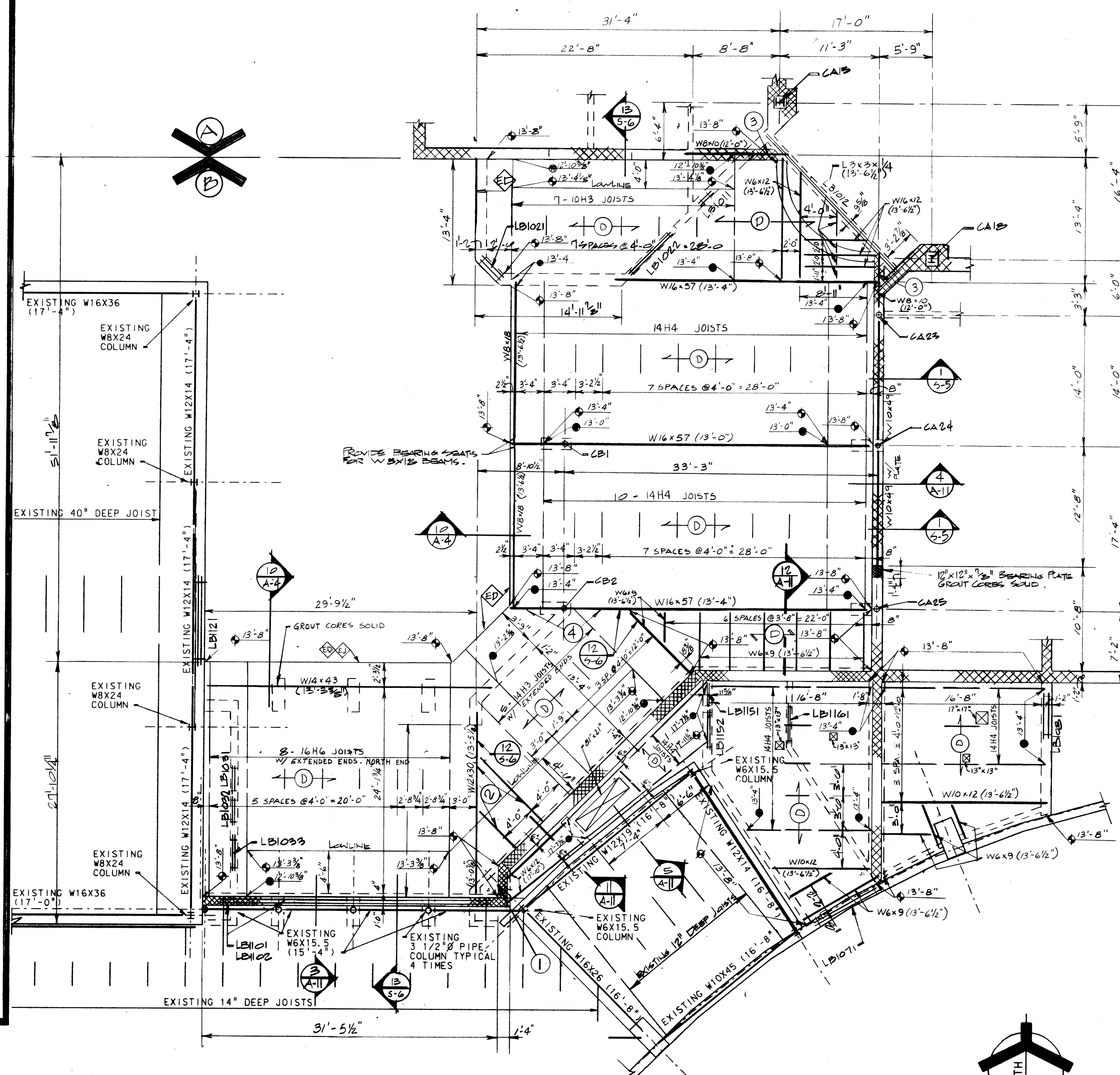
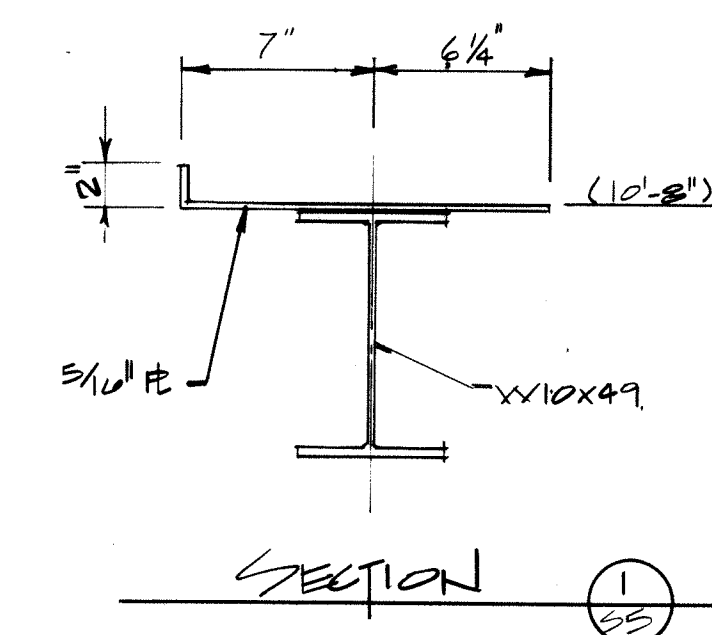
UNIT "B"  
FOUNDATION AND  
FIRST FLOOR FRAMING PLAN

## GENERAL NOTES

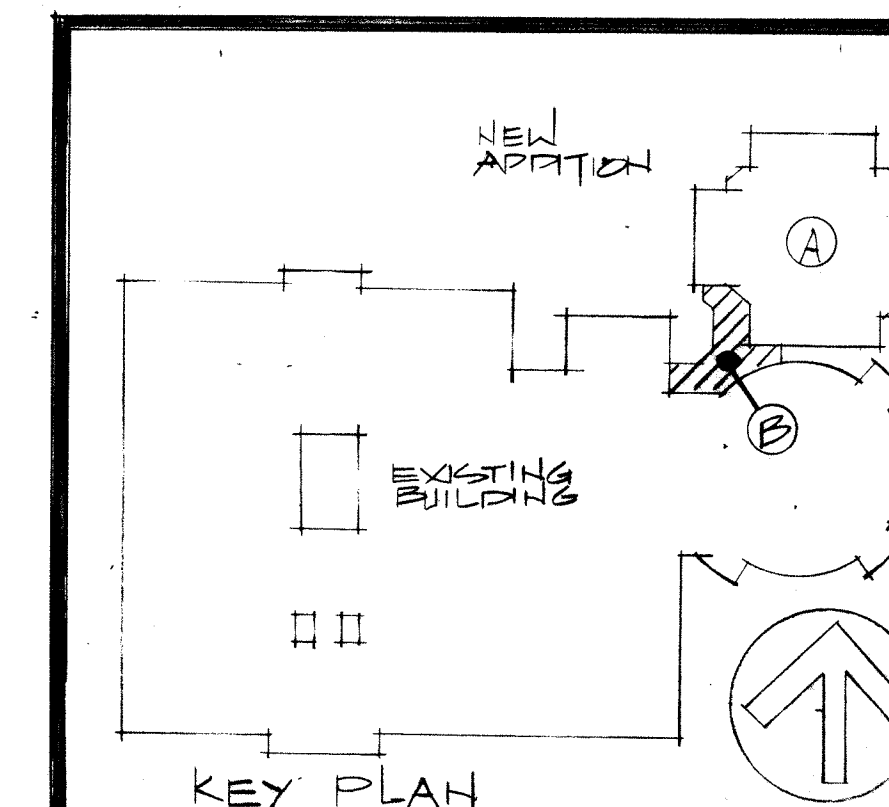
1. SEE 4TH FLOOR "A-A" FOR COLUMN SCHEDULE, LINTEL SCHEDULES, TYPICAL FRAMING NOTES AND TYPICAL DETAILS.
2.  DENOTES ELEVATION TOP OF METAL DECK ABOVE NOMINAL FIRST FLOOR ELEVATION OF 0'0" = 833' 2".
3.  DENOTES JOINT BEARING ELEVATION ABOVE NOMINAL FIRST FLOOR ELEVATION OF 0'0" = 833' 2".
4.  DENOTES 1/2" 20 GAUGE METAL DECK AND DIRECTION OF SPAN.
5.  DENOTES EDGE OF METAL DECK.
6.  DENOTES END OF JOISTS.

## PLAN NOTES

- ① PROVIDE DECK SUPPORT ANGLE, SEE 10D.
- ② PROVIDE DECK SUPPORT FRAMING, SIMILAR TO DETAIL 10D.
- ③ PROVIDE  $1'-0\frac{1}{2}" \times 5\frac{1}{8}"$  BOTTOM PLATE ON W/S x/O
- ④ PROVIDE STEEL FILLER ON BEAM FLANGE FOR DECK SUPPORT.



UNIT "B" ROOF FRAMING PLAN





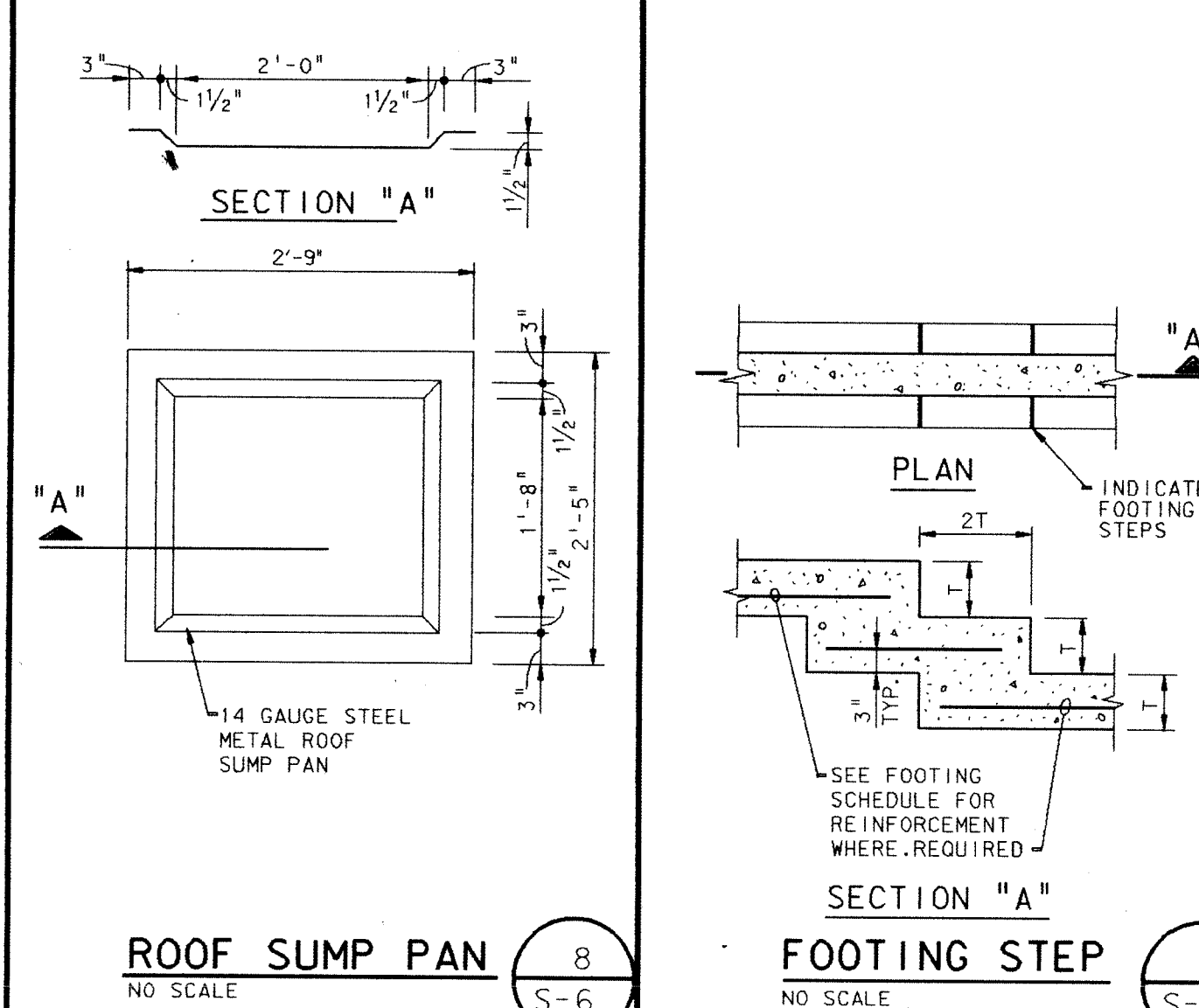
L INTEL SCHEDULE					
UNIT "A" LINTELS					
MARK	SPAN	SECTION	REMARK	LENGTH	PLATE WIDTH
LA1011, LA1012, LA1013, LA1014, LA1044, LA1281	1'-0"	2 C8 X 11.5	(3)	2'-0"	1'-2 1/2"
LA1016, LA1017, LA1124	6'-8"	2 C8 X 11.5	(3)	8'-0"	1'-2 1/2"
LA1015, LA1018	5'-4"	2 C8 X 11.5	(3)	6'-8"	1'-2 1/2"
LA1019, LA10110, LA10111	8'-0"	2 C8 X 11.5	(3)	9'-4"	1'-2 1/2"
LA1042, LA1046, LA1312, LA1321, LA1331	2'-0"	2 C4 X 5.4	(3)	3'-4"	1'-2 1/2"
LA1022, LA1023	3'-8"	2 L3 X 3 X 1/4	WELD BB	7'-8"	1'-2 1/2"
LA10112, LA10113	9'-8"	2 C8 X 11.5	(3)	11'-0"	1'-2 1/2"
LA1024	2'-6"	W8 X 10	(3)	3'-10"	0'-10 1/2"
LA1032, LA1034, LA1081, LA1084, LA1131, LA1191, LA1211, LA1222, LA1231, LA1322, LA1332, LA1401, LA1412	3'-4"	2 L3 X 3 X 1/4	WELD BB	7'-4"	1'-2 1/2"
LA1031, LA1051	2'-8"	2 C8 X 11.5	(3)	4'-0"	1'-0 1/2"
LA1021, LA1213, LA1262	3'-0"	2 L4 X 3 X 1/4	WELD LLBB (2)	4'-4"	1'-4"
LA1033	6'-4"	2 C8 X 11.5	(3)	10'-4"	1'-0 1/2"
LA1035	13'-10"	W8 X 18	(3)	15'-2"	0'-6 1/2"
LA1041	6'-4"	2 C8 X 11.5	(3)	10'-4"	1'-2 1/2"
LA1043, LA1082, LA1232	3'-4"	2 L5 X 3 X 1/4	WELD SLBB	6'-0"	1'-0"
LA1045					
LA1052	3'-8"	2 L5 X 3 X 1/4	WELD SLBB	6'-6"	1'-0"
LA1053	1'-2"	2 L3 X 3 X 1/4	WELD BB	2'-6"	1'-0"
LA1061, LA1071, LA1211	3'-0"	2 L3 X 3 X 1/4	WELD BB	5'-8"	1'-0"
LA1072, LA1142, LA1181, LA1212, LA1215	2'-0"	L5 X 5 X 3/8	(3)	3'-4"	1'-0"
LA1073	1'-2"	2 C4 X 5.4	(3)	2'-6"	1'-2 1/2"
LA1083, LA1233	8'-0"	2 C8 X 11.5	(3)	9'-4"	1'-0 1/2"
LA1121	3'-4"	2 L4 X 4 X 1/4	WELD LLBB (2)	4'-4"	1'-0"
LA1122	2'-8"	2 L3 X 3 X 1/4	WELD BB	4'-0"	1'-0"
LA1141, LA1402, LA1411	1'-8"	2 L4 X 3 X 1/4	WELD LLBB (2)	3'-0"	1'-0"
LA1171	3'-8"	2 L4 X 4 X 1/4	WELD LLBB (2)	5'-0"	1'-0"
LA1172	6'-8"	2 L5 X 3 X 3/8	WELD LLBB	7'-8"	1'-0"
LA1222	4'-4"	2 L3 X 3 X 1/4	WELD BB	5'-8"	1'-0"
LA1241	2'-6"	2 L3 X 3 X 1/4	WELD BB	6'-2"	1'-0"
LA1251, LA1343	10'-0"	W8 X 18	(3)	14'-0"	0'-6 1/2"
LA1252, LA1253, LA1341, LA1342	6'-0"	2 C8 X 11.5	(3)	7'-4"	1'-0 1/2"
LA1261	3'-8"	2 C5 X 6.7	(3)	6'-4"	1'-2 1/2"
LA1263, LA1293, LA1212, LA1305	2'-2"	W8 X 10	(3)	3'-6"	0'-10 1/2"
LA1271	8'-0"	W8 X 18	(3)	12'-0"	0'-10 1/2"
LA1291	3'-4"	2 C5 X 6.7	(3)	6'-0"	1'-2 1/2"
LA1292	1'-0"	2 L5 X 5 X 3/8	(3)	2'-4"	1'-2 1/2"
LA1301, LA1302	3'-4"	2 C4 X 5.4	(3)	7'-4"	1'-0 1/2"
LA1303	2'-4"	2 C4 X 5.4	(3)	3'-8"	1'-0 1/2"
LA1311, LA1323, LA1333, LA1381	4'-0"	2 C4 X 5.4	(3)	5'-4"	1'-0 1/2"
LA1313	3'-4"	2 C4 X 5.4	(3)	4'-8"	1'-0 1/2"
LA1314, LA1315, LA1324, LA1334	6'-2"	2 C4 X 5.4	(3)	7'-6"	1'-0 1/2"
LA1391	3'-4"	W8 X 10	(3)	12'-8"	0'-10 1/2"
LA2011	1'-2"	2 L3 X 3 X 1/4	(3)	2'-6"	1'-0"
LA2012	1'-8"	2 L3 X 3 X 1/4	(3)	3'-0"	1'-0"
LA2013	2'-8"	2 L3 X 3 X 1/4	(3)	4'-0"	1'-0"
LA2014	4'-0"	2 L3 X 3 X 1/4	(3)	5'-4"	1'-0"
LA2015	8'-0"	2 C8 X 11.5	(3)	9'-4"	1'-2 1/2"
LA2016, LA2021	5'-0"	2 C8 X 11.5	(3)	6'-4"	1'-2 1/2"
LA2017, LA2018, LA2023, LA2024, LA2033, LA2034	7'-0"	2 L5 X 3 X 1/4	WELD LLBB	8'-4"	1'-0"
LA2022, LA2031	5'-0"	2 L5 X 5 X 1/4	WELD BB	6'-4"	1'-0"
LA2025, LA2036	2'-2"	2 L3 X 5 X 1/4	WELD SLBB	3'-6"	1'-0"
LA2032	1'-6"	2 L3 X 5 X 1/4	WELD SLBB	2'-10"	1'-0"
LA2041	3'-0"	2 L3 X 5 X 1/4	WELD SLBB	5'-0"	1'-0"
LA2042, LA2043	5'-4"	2 L5 X 3 X 1/4	WELD LLBB	6'-8"	1'-0"
LA2044	2'-6"	2 L5 X 3 X 1/4	WELD SLBB	3'-10"	1'-0"
LA1273, LA1304	3'-4"	2 L3 X 3 X 1/4	WELD BB	6'-0"	1'-0"
LA1306, LA1326, LA1335	6'-4"	2 C6 X 6.7	(3)	11'-0"	1'-0 1/2"

UNIT "B" LINTELS					
MARK	SPAN	SECTION	REMARK	LENGTH	PLATE WIDTH
LB1021	2'-5 1/4"	3 L4 X 4 X 1/4	2-WELD BB 1-LOOSE	3'-9"	3'-1"
LB1022	5'-2"	2 L4 X 3 X 1/4	WELD LLBB	8'-0"	1'-0"
LB1011	1'-0"	2 C8 X 11.5	(3)	2'-0"	1'-0"
LB1031, LB1032	1'-10"	2 L3 X 3 X 1/4	WELD BB	3'-2"	1'-0"
LB1033	2'-4"	2 L3 X 3 X 1/4	WELD BB	5'-0"	1'-0"
LB1101	6'-8"	W8 X 13	(4)	27'-4"	0'-10 1/2"
LB1121	8'-0"	2 C8 X 11.5	(3)	9'-4"	1'-2 1/2"
LB1102	6'-8"	W8 X 13	(4)	27'-4"	0'-6 1/2"
LB1012	19'-4"	W10 X 26	(5)	20'-8"	0'-8 1/2"
LB1153, LB1154	6'-8"	W6 X 9	(3)	8'-0"	1'-0 1/2"
LB1071	10'-0"	W8 X 13	(5)	11'-4"	0'-10 1/2"
LB1072	6'-0"	W8 X 10	(4)	7'-4"	0'-6 1/2"
LB1092, LB1093	6'-4"	W8 X 10	(4), (6)	14'-8"	0'-6 1/2"
LB1121	6'-6"	2 C8 X 11.5	(3), (7)	7'-10"	1'-2 1/2"

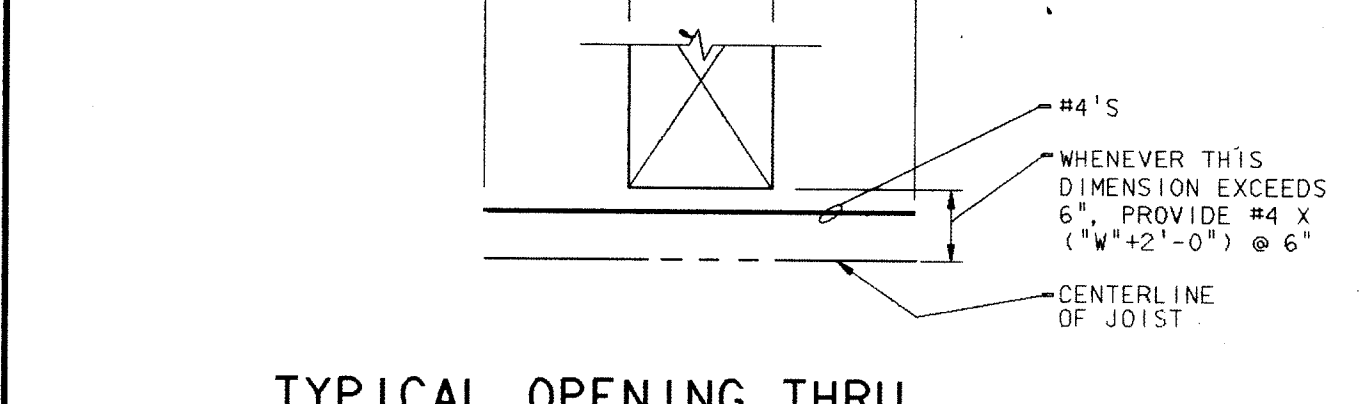
- NOTES:
- ALL PLATES SHALL BE 5/16" THICK, WELDED TO AND CENTERED ON THE BOTTOM OF THE SECTION, AND THE SAME LENGTH AS THE SECTION, UNLESS NOTED OTHERWISE.
  - VERIFY LENGTH WITH THE MECHANICAL CONTRACTOR.
  - PIPE SEPARATORS 4'-0" MAXIMUM SPACING 2 PER LINTEL - MINIMUM
  - THIS LINTEL REQUIRES INTERMEDIATE SUPPORTS. SEE PLAN.
  - AT RELOCATED ROLLING DOOR.
  - AT TROPHY CASE.
  - AT LOUVER RM D-112

COLUMN SCHEDULE				
MARK	SECTION	TOP PLATE	BASE PLATE	TOP OF SUPPORT ELEVATION
CA1, CA7, CA8, CA9, CA15, CA16, CA18, CA25	W12x53	1/2"x12x12	1"x14x12	854'-6"
CA2, CA6	TS 10"x10"x3/8"	1/2"x12x16	1"x16x16	854'-6"
CA10, CA11, CA12, CA13, CA14, CA17, CA23, CA24, CA25, CB1, CB2	4" PIPE STD.	3/8"x6x10	1"x6x10	854'-6"
CA3, CA4, CA5, CA19, CA21	TS 12"x12"x3/8"	1/2"x14x18	1 1/2"x18x18	854'-6"
CA20	TS12"x12"x3/8"	1/2"x16x20	1 3/4"x20x20	854'-6"
CA26, CA27, CA28, CA29, CA30, CA31	WBx24	3/8"x10x10	3/4"x10x10	881'-2"
CA32, CA33, CA34	WBx15	(1)	(1)	866'-2"

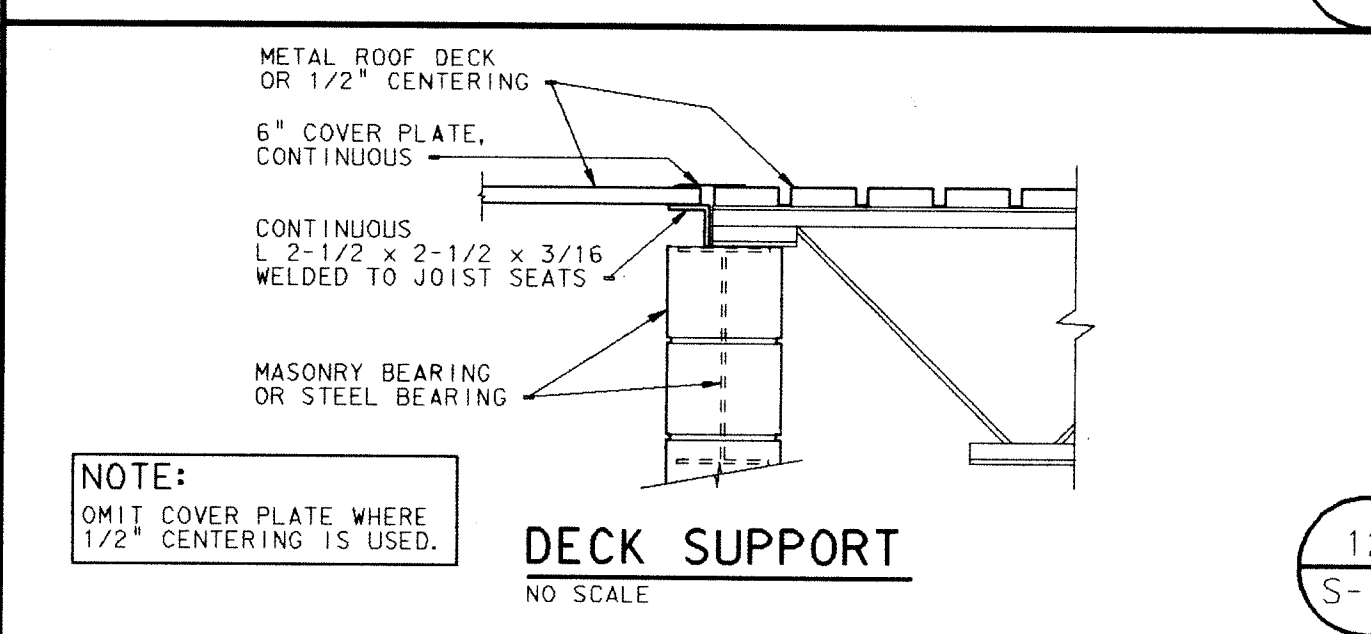
- NOTES:
- THIS COLUMN FRAMES TO BEAM ABOVE AND BELOW.



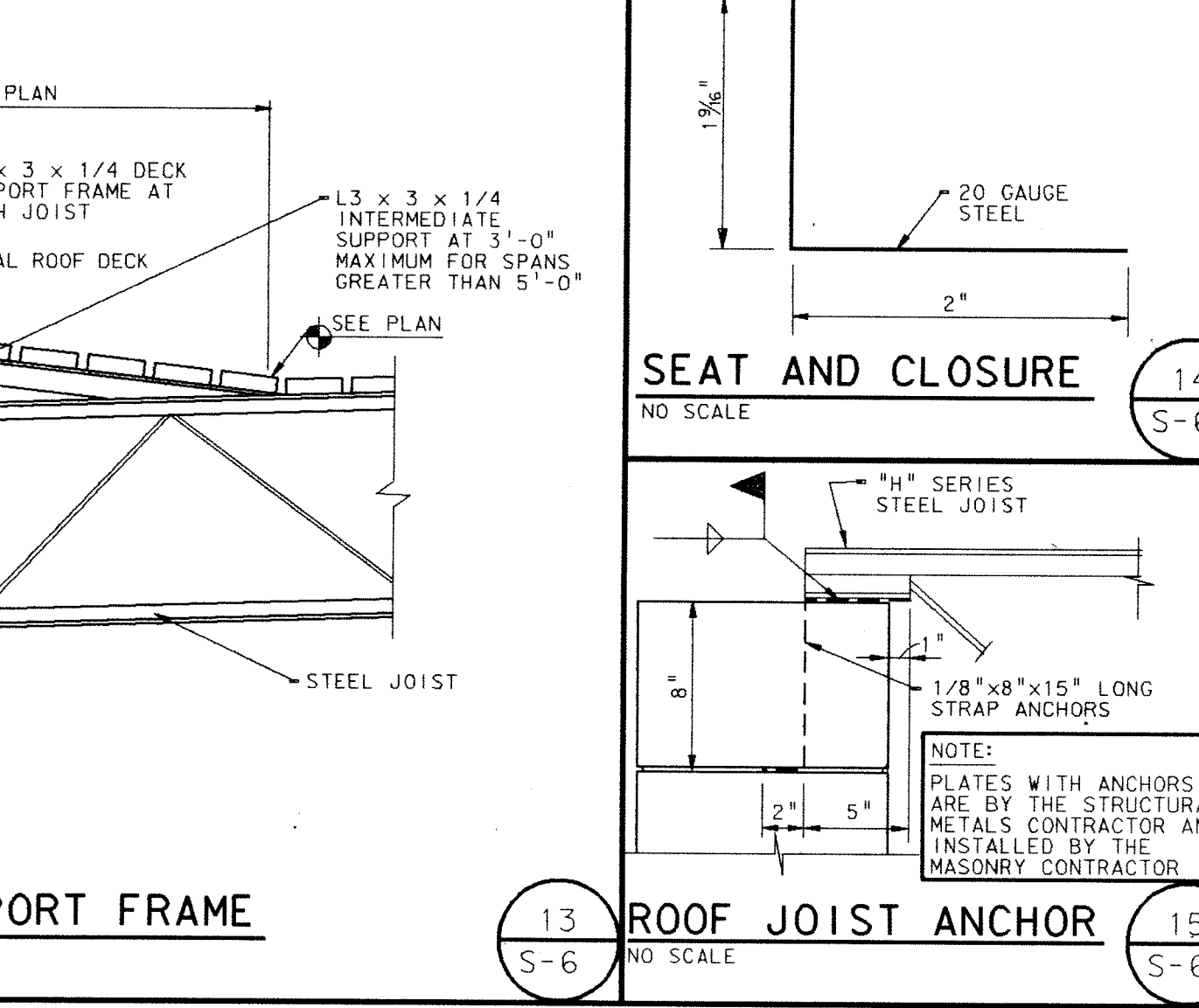
ROOF SUMP PAN NO SCALE (8) S-6



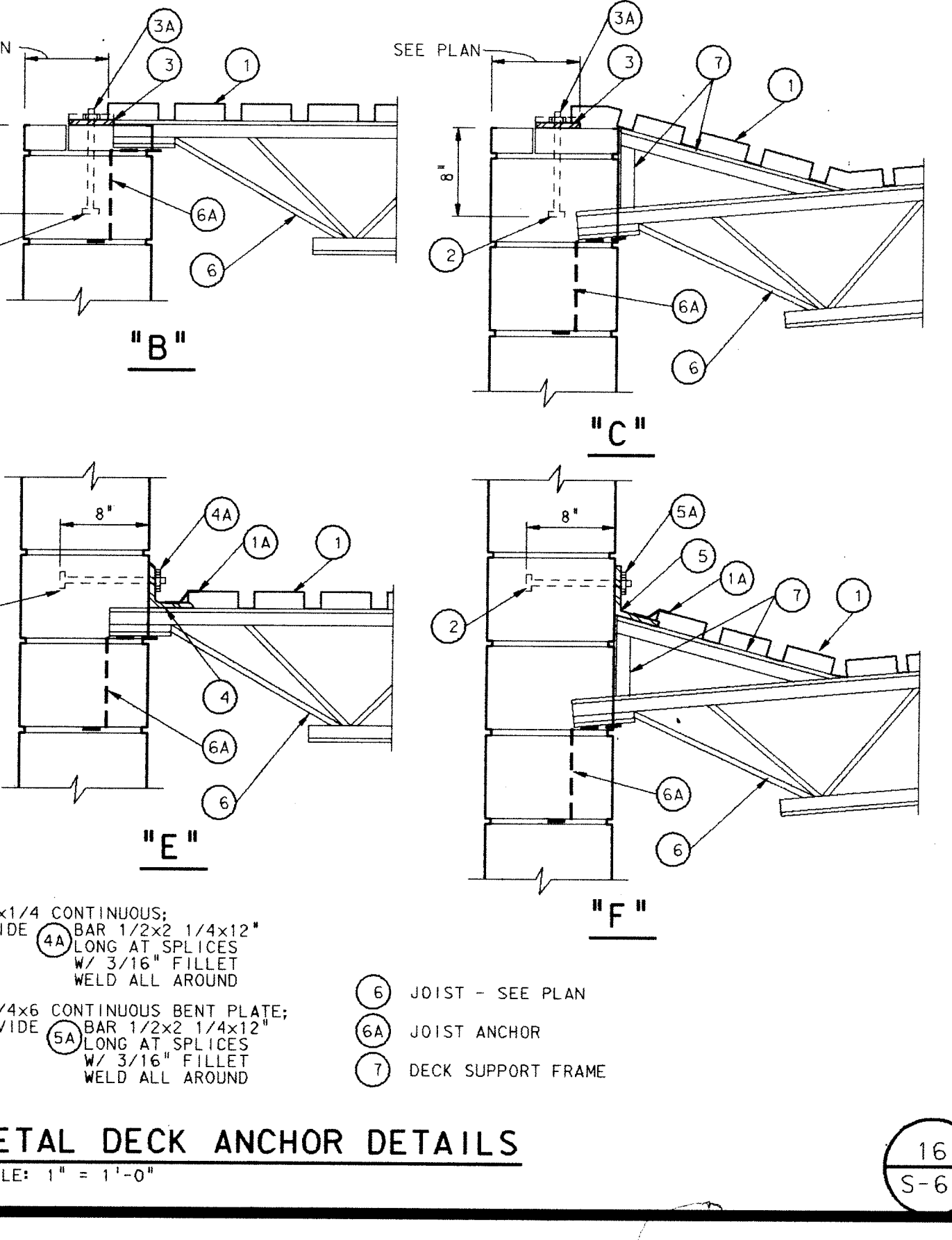
TYPICAL OPENING THRU CONCRETE FLOOR ON STEEL JOISTS NO SCALE (10) S-6



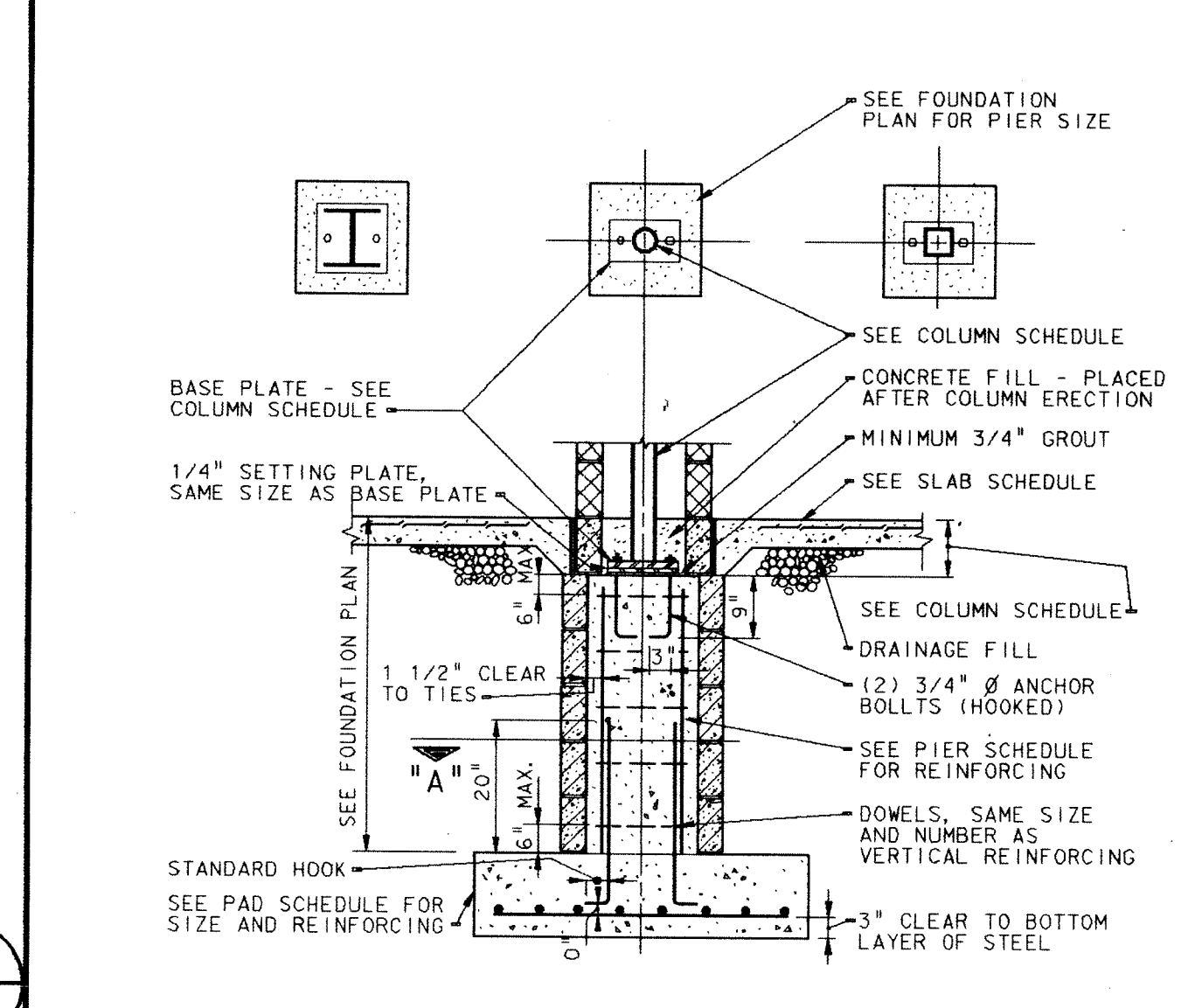
DECK SUPPORT NO SCALE (12) S-6



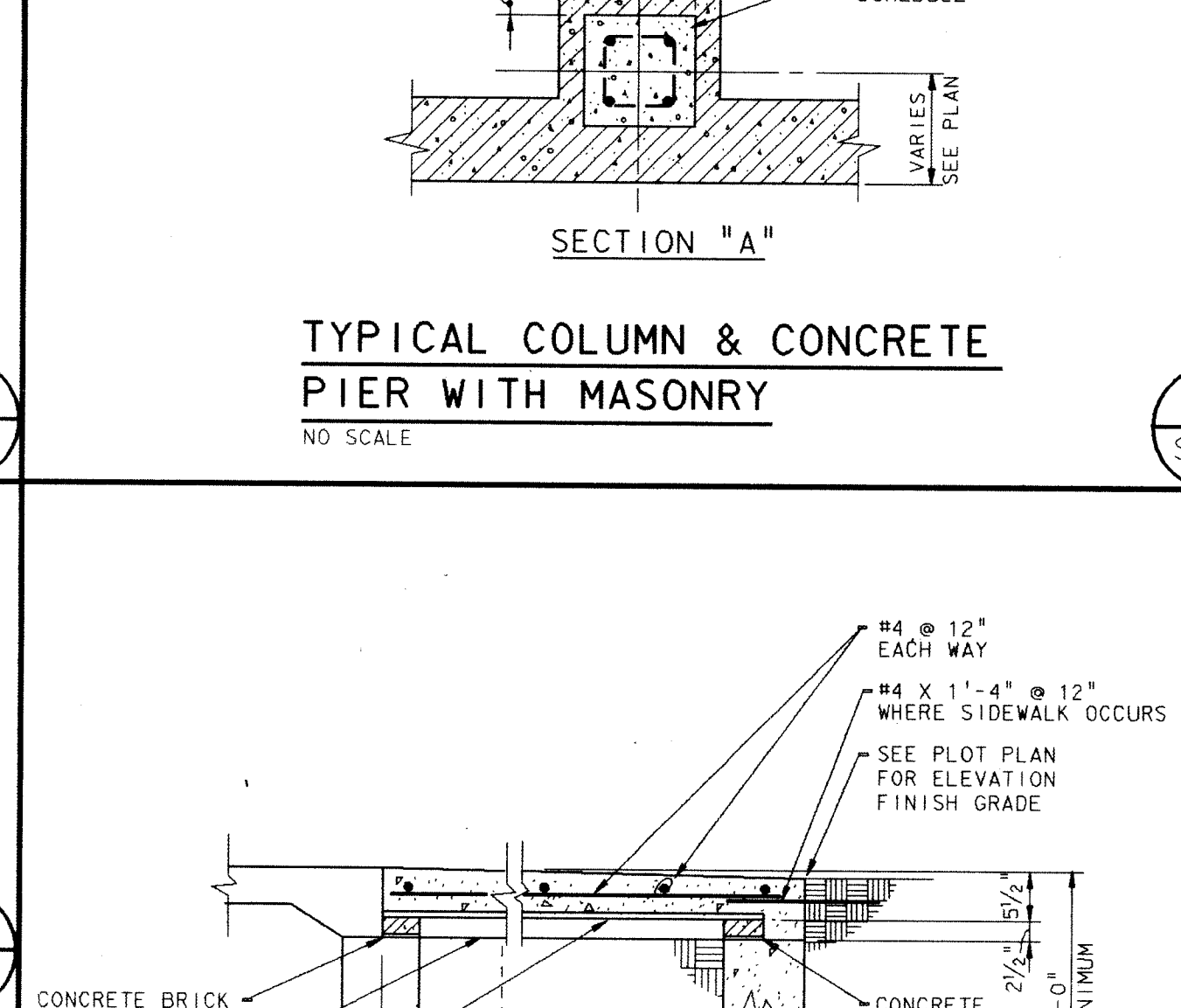
SEAT AND CLOSURE NO SCALE (14) S-6



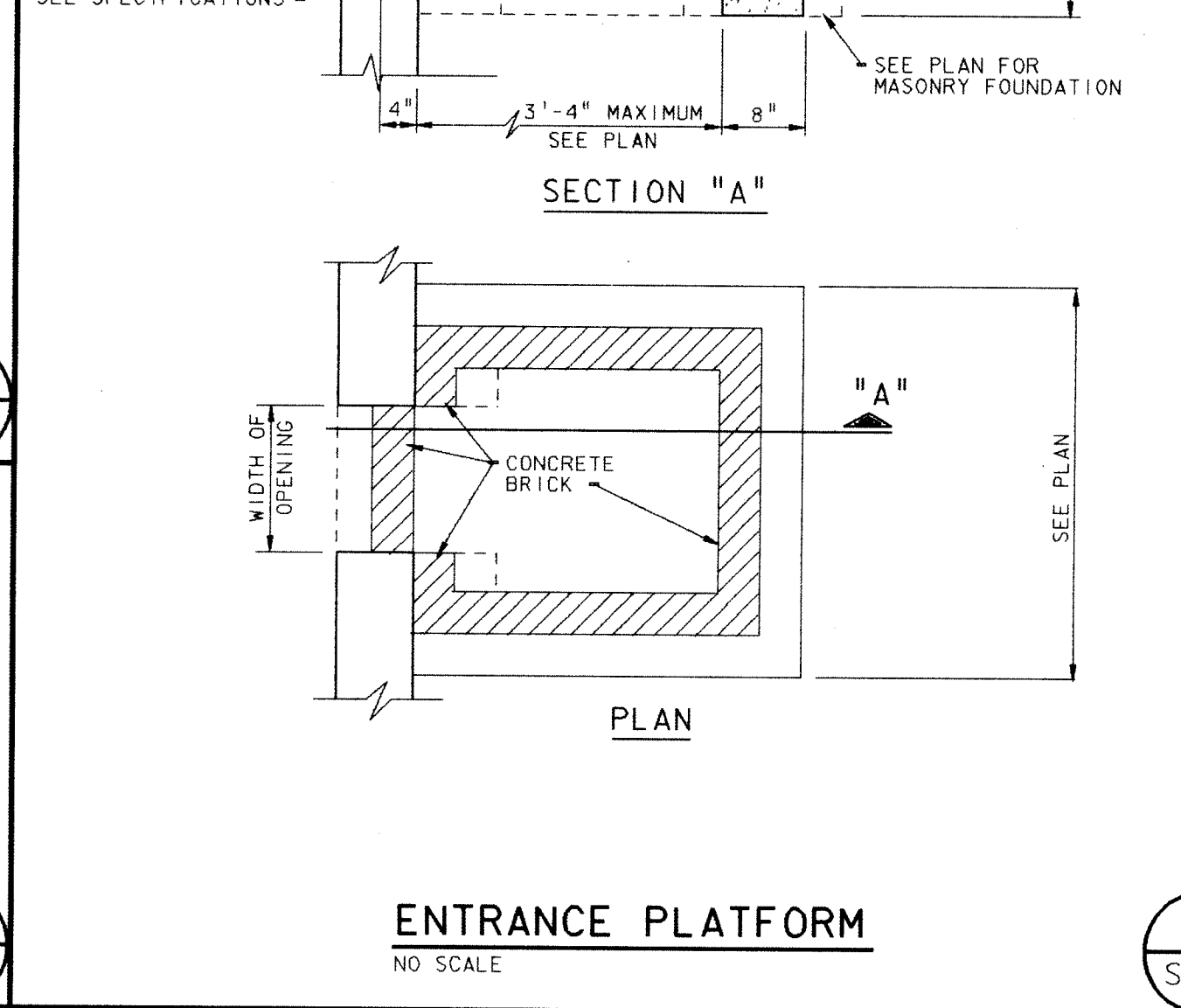
METAL DECK ANCHOR DETAILS SCALE: 1" = 1'-0" (16) S-6



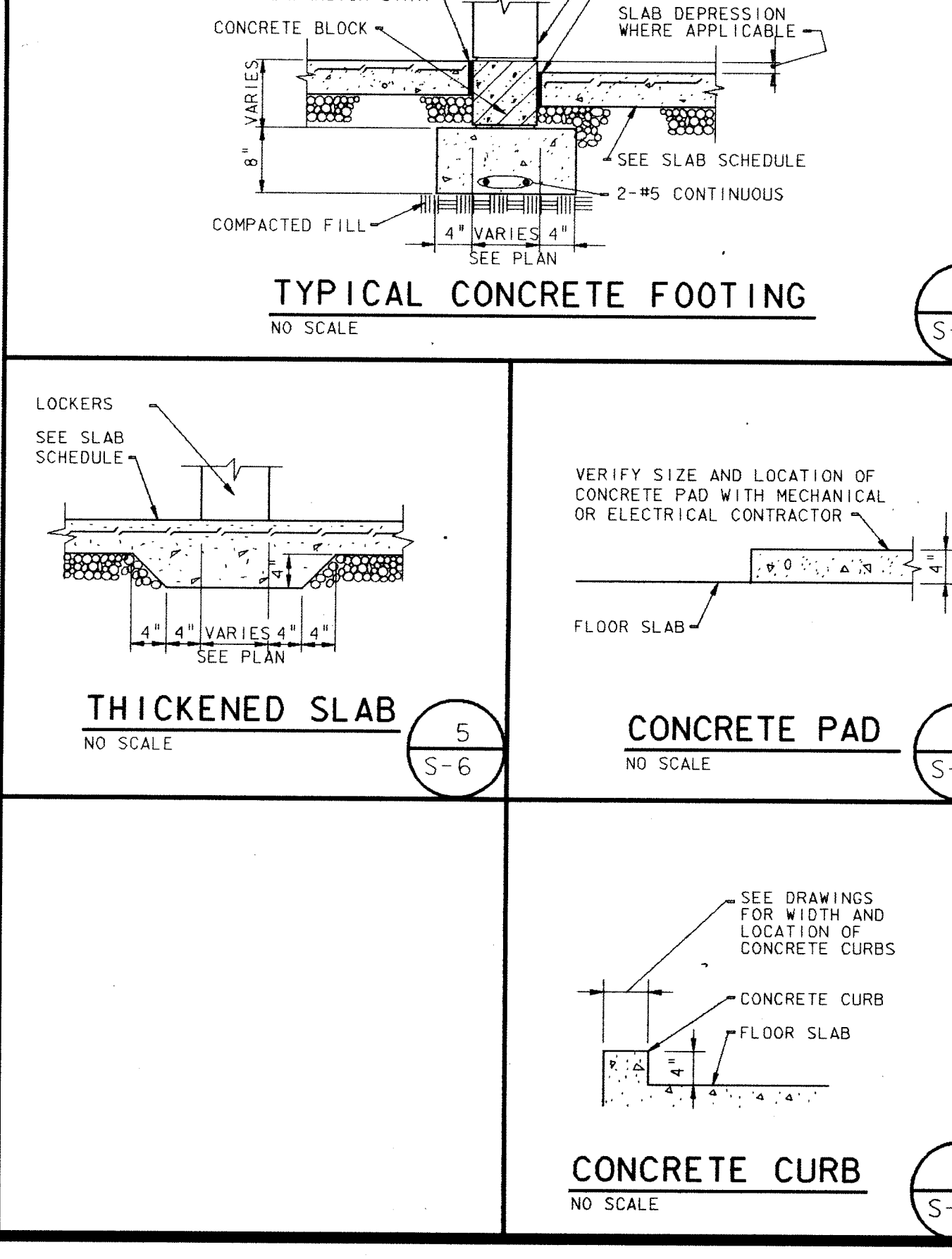
TYPICAL COLUMN & CONCRETE PIER WITH MASONRY NO SCALE (2) S-6



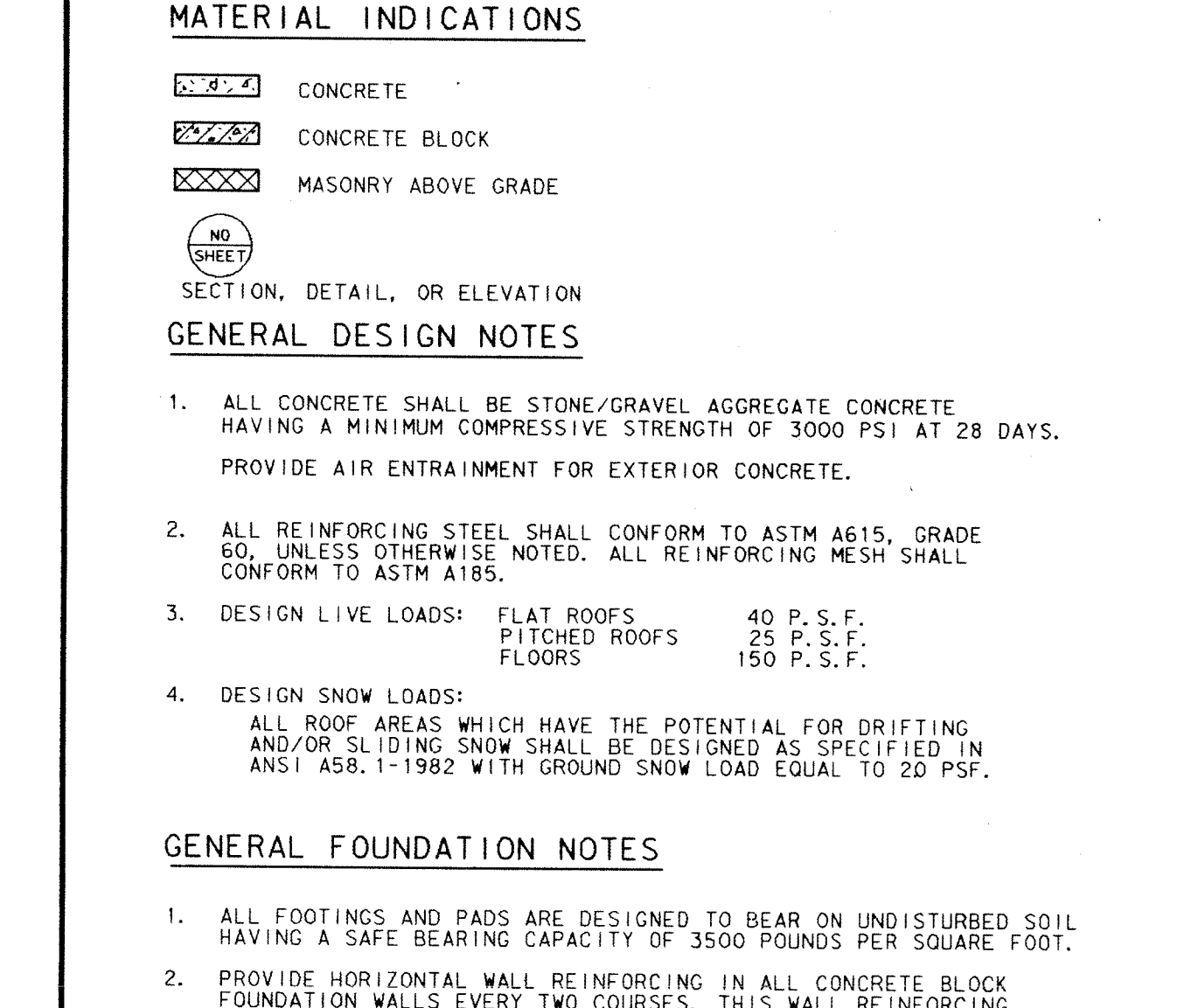
ENTRANCE PLATFORM NO SCALE (3) S-6



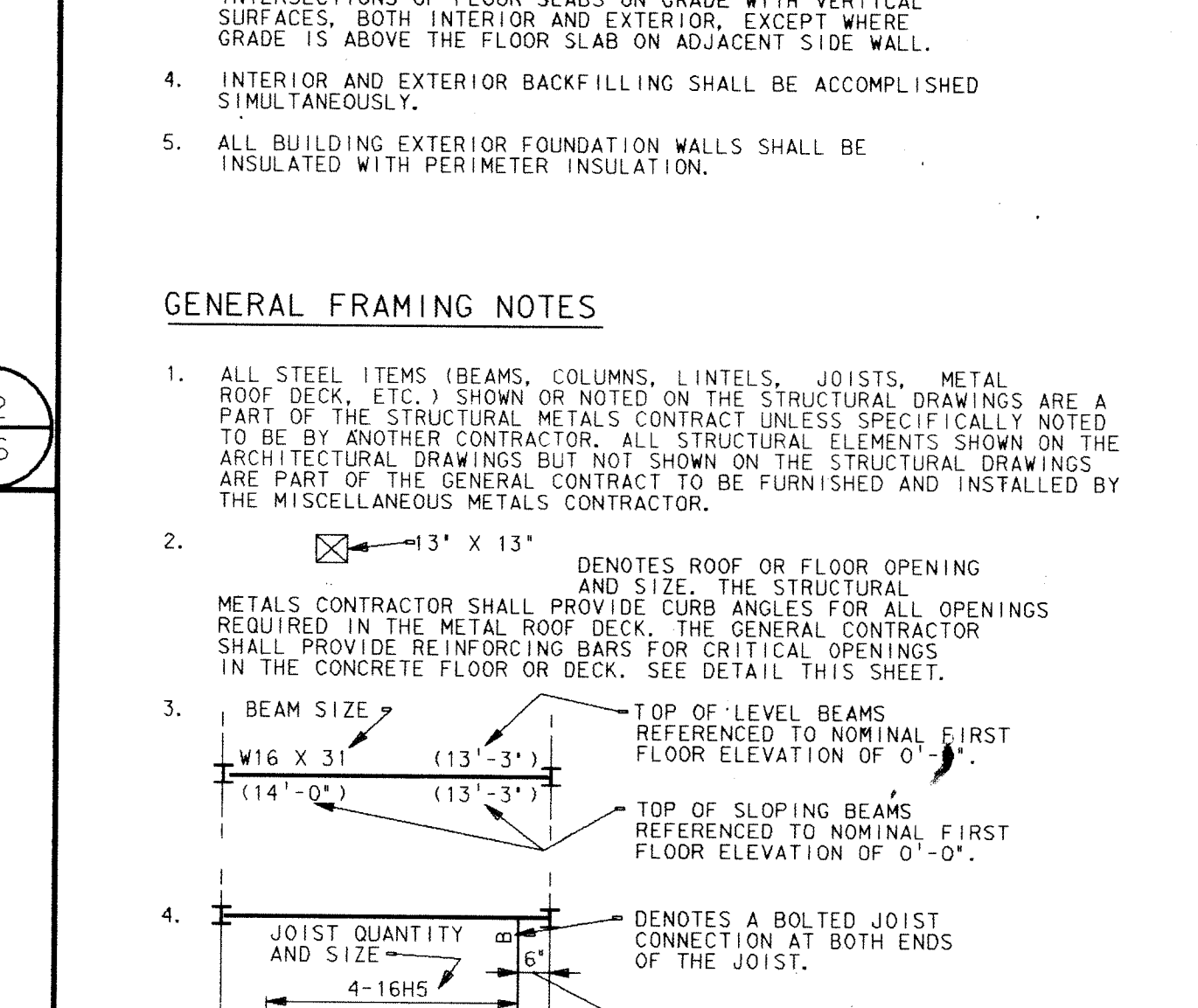
THICKENED SLAB NO SCALE (5) S-6



CONCRETE PAD NO SCALE (6) S-6



TYPICAL CONCRETE FOOTING NO SCALE (4) S-1



CELLULAR PAVER AND PERIMETER DRAIN DETAIL NO SCALE (7) S-6

PAD SCHEDULE				
MARK	WIDTH	DEPTH	LENGTH	REINFORCING (1/2" EACH WAY)
P4	4'-0"	1'-0"	4'-0"	10-#4
P5	5'-0"	1'-4"	5'-0"	12-#5
P6	6'-0"	1'-4"	6'-0"	12-#6
P8	8'-0"	1'-4"	8'-0"	14-#7
P10	10'-0"	1'-8"	10'-0"	16-#8

SLAB SCHEDULE				
MARK	WIDTH	DEPTH	LENGTH	REINFORCING
S4	4'-0"	1'-0"	4'-0"	10-#4
S5	5'-0"	1'-4"	5'-0"	12-#5
S6	6'-0"	1'-4"	6'-0"	12-#6
S8	8'-0"	1'-4"	8'-0"	14-#7
S10	10'-0"	1'-8"	10'-0"	16-#8

FOOTING SCHEDULE				
MARK	WIDTH	DEPTH	LENGTH	REINFORCING
F16	16"	10"	2'-5" LONGITUDINAL	2-#5 LONGITUDINAL
F18	18"	10"	2'-5" LONGITUDINAL	2-#5 LONGITUDINAL
F20	20"	10"	2'-5" LONGITUDINAL	2-#5 LONGITUDINAL
F22	22"	12"	2'-5" LONGITUDINAL	2-#5 LONGITUDINAL
F24	24"	12"	2'-5" LONGITUDINAL	2-#5 LONGITUDINAL
F32	32"	12"	3'-5" LONGITUDINAL	3-#5 LONGITUDINAL
F34	34"	12"	3'-5" LONGITUDINAL	3-#5 LONGITUDINAL

PIER SCHEDULE				
MARK	WIDTH	DEPTH	LENGTH	REINFORCING
P16	16"	10"	2'-5" LONGITUDINAL	2-#5 LONGITUDINAL
P18	18"	10"	2'-5" LONGITUDINAL	2-#5 LONGITUDINAL
P20	20"	10"	2'-5" LONGITUDINAL	2-#5 LONGITUDINAL
P22	22"	12"	2'-5" LONGITUDINAL	2-#5 LONGITUDINAL
P24	24"	12"	2'-5" LONGITUDINAL	2-#5 LONGITUDINAL
P32	32"	12"	3'-5" LONGITUDINAL	3-#5 LONGITUDINAL
P34	34"	12"	3'-5" LONGITUDINAL	3-#5 LONGITUDINAL

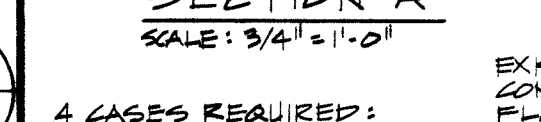
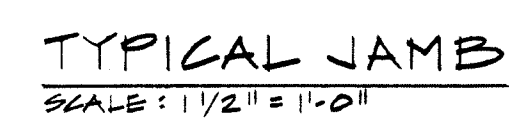
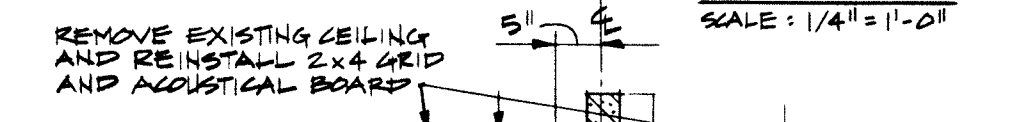
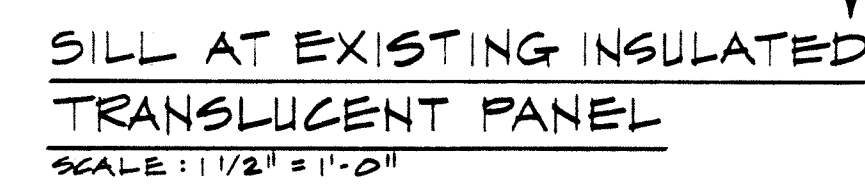
MATERIAL INDICATIONS				
CONCRETE	CONCRETE BLOCK	MASONRY ABOVE GRADE		

GENERAL DESIGN NOTES				
1.	ALL CONCRETE SHALL BE STONE/GRANULAR AGGREGATE CONCRETE HAVING A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS. PROVIDE AIR ENTRAINMENT FOR EXTERIOR CONCRETE.			
2.	ALL REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60, UNLESS OTHERWISE NOTED. ALL REINFORCING SHALL CONFORM TO ASTM A185.			
3.	DESIGN LIVE LOADS: FLAT ROOFS 40 P.S.F., PITCHED ROOFS 25 P.S.F., FLOORS 150 P.S.F.			
4.	DESIGN SNOW LOADS: ALL ROOF AREAS WHICH HAVE THE POTENTIAL FOR DRIFTING AND/OR SLIDING SNOW SHALL BE DESIGNED AS SPECIFIED IN ANSI A58.1-1982 WITH GROUND SNOW LOAD EQUAL TO 20 PSF.			

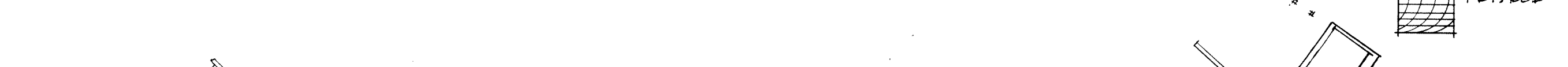
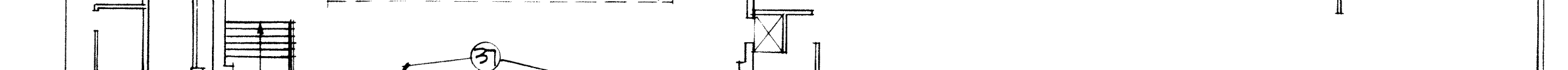
GENERAL FOUNDATION NOTES				
1.	ALL FOOTINGS AND PADS ARE DESIGNED TO BEAR ON UNDISTURBED SOIL HAVING A SAFE BEARING CAPACITY OF 3500 POUNDS PER SQUARE FOOT.			
2.	PROVIDE HORIZONTAL WALL REINFORCING IN ALL CONCRETE BLOCK FOUNDATION WALLS EVERY TWO COURSES. THIS WALL REINFORCING SHALL BE CONTINUOUS THROUGH ALL PIERS AND SHALL LAP AT ALL WALL INTERSECTIONS.			
3.	PROVIDE EXPANSION STRIP FULL DEPTH OF SLAB AT ALL INTERSECTIONS OF FLOOR SLABS ON GRADE WITH VERTICAL SURFACES, BOTH INTERIOR AND EXTERIOR, EXCEPT WHERE GRADE IS ABOVE THE FLOOR SLAB ON ADJACENT SIDE WALL.			
4.	INTERIOR AND EXTERIOR BACKFILLING SHALL BE ACCOMPLISHED SIMULTANEOUSLY.			
5.	ALL BUILDING EXTERIOR FOUNDATION WALLS SHALL BE INSULATED WITH PERIMETER INSULATION.			

GENERAL FRAMING NOTES				
1.	ALL STEEL ITEMS (BEAMS, COLUMNS, LINTELS, JOISTS, METAL ROOF DECK, ETC.) SHOWN OR NOTED ON THE STRUCTURAL DRAWINGS ARE A PART OF THE STRUCTURAL METALS CONTRACT. UNLESS SPECIFICALLY NOTED TO BE BY ANOTHER CONTRACTOR, ALL STRUCTURAL ELEMENTS SHOWN ON THE ARCHITECTURAL DRAWINGS BUT NOT SHOWN ON THE STRUCTURAL DRAWINGS ARE PART OF THE GENERAL CONTRACT TO BE FURNISHED AND INSTALLED BY THE MISCELLANEOUS METALS CONTRACTOR.			
2.	3" X 13" DENOTES ROOF OR FLOOR OPENING AND SIZE OF STRUCTURAL METALS CONTRACTOR SHALL PROVIDE CURB ANGLES FOR ALL OPENINGS REQUIRED IN THE METAL ROOF DECK. THE GENERAL CONTRACTOR SHALL PROVIDE REINFORCING BARS FOR CRITICAL OPENINGS IN THE FLOOR OR DECK. SEE DETAIL THIS SHEET.			
3.	BEAM SIZE: TOP OF LEVEL BEAMS REFERENCED TO NOMINAL FIRST FLOOR ELEVATION OF 0'-0". TOP OF SLOPING BEAMS REFERENCED TO NOMINAL FIRST FLOOR ELEVATION OF 0'-0".			
4.	JOIST QUANTITY AND SIZE: DENOTES A BOLTED JOIST CONNECTION AT BOTH ENDS OF THE JOIST. DISTANCE FROM COLUMN TO BOLTED JOIST.			
5.	STRUCTURAL STEEL FABRICATOR SHALL PROVIDE SEAT ANGLES FOR JOISTS BEARING ONTO COLUMNS WHERE INDICATED ON THE DRAWINGS.			
6.	STRUCTURAL STEEL FABRICATOR SHALL PROVIDE STEEL FILLERS ON BEAM FLANGES REQUIRED FOR THE BEARING OF METAL DECK OR METAL CENTERING.			
7.	NO CEILING EXTENSIONS ARE REQUIRED FOR STEEL JOIST.			
8.	ALL BEAMS SHALL BEAR 8" ON MASONRY WALLS UNLESS OTHERWISE NOTED ON PLAN.			





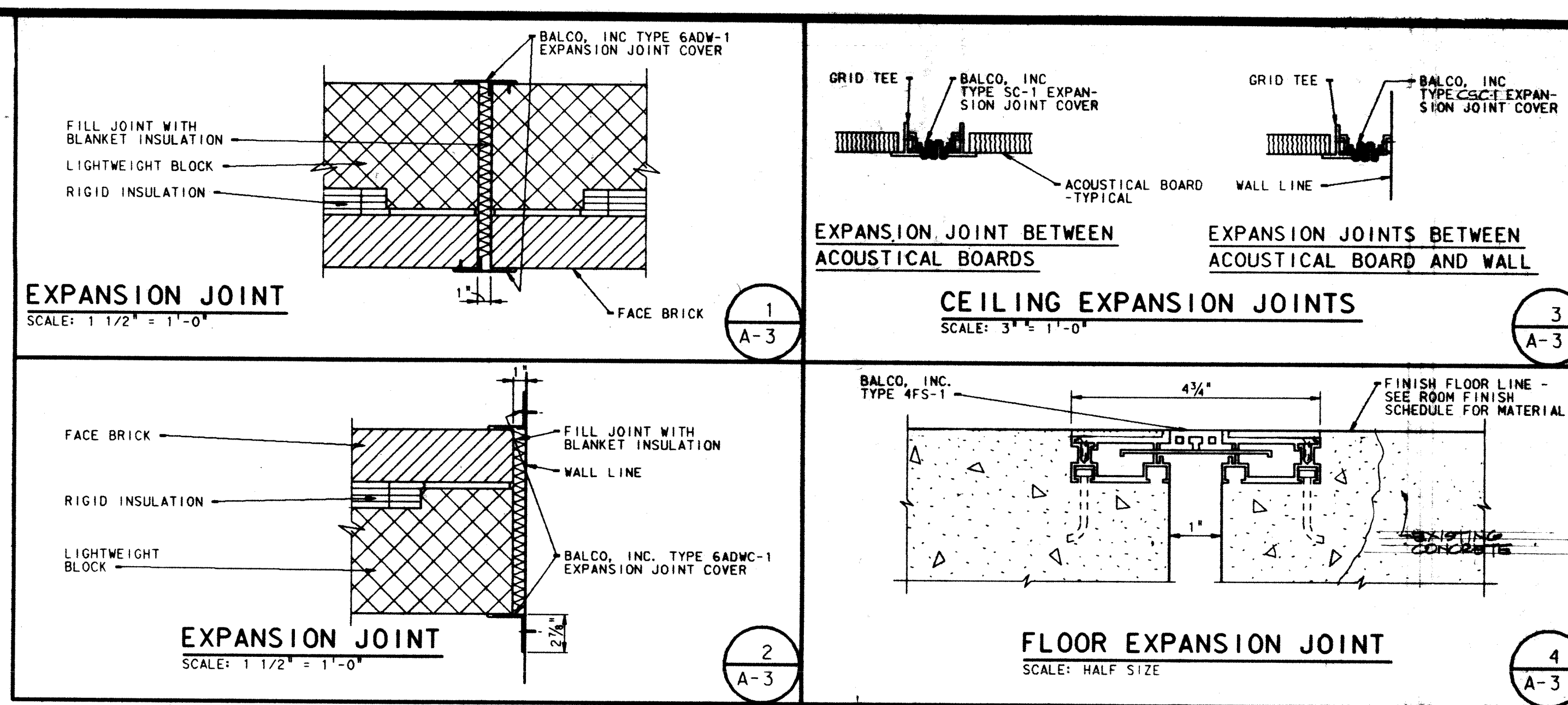
- 1 EACH CONTRACTOR SHALL VERIFY ALL EXISTING FLOOR ELEVATIONS, GRADES, AND DIMENSIONS OF EXISTING BUILDING RELATED TO NEW WORK.
- 2 EACH CONTRACTOR SHALL VERIFY SIZE AND LOCATION OF ALL RECESSES FOR ELECTRICAL AND MECHANICAL EQUIPMENT WITH THE APPROPRIATE CONTRACTOR AND THE ARCHITECT.
- 3 THREE COURSES OF BRICK PLUS ONE MORTAR JOINT EQUALS TO ONE COURSE OF BLOCK PLUS ONE MORTAR JOINT EQUALS 8".
- 4 FIRE EXTINGUISHER CABINETS AND ELECTRICAL PANELS ARE TO BE INSTALLED ABOVE FINISH FLOOR TO HEAD OF PANEL.
- 5 ALL CONVECTORS, FAN COIL, AND UNIT HEAT RECESSES ARE TO BE INSTALLED ABOVE FINISH FLOOR.
- 6 NEW CONSTRUCTION FLOOR DIMENSIONS AND ELEVATIONS ARE FROM FINISHED FLOOR MATERIALS. (ALL NEW FINISH FLOOR MATERIALS TO BE INSTALLED ABOVE FINISH FLOOR).
- 7 REMODEL FLOOR DIMENSIONS AND ELEVATIONS ARE FROM EXISTING FINISH FLOOR MATERIALS.
- 8 FLOOR DIMENSIONS TO NEW MASONRY WALLS, EXISTING STRUCTURES TO REMAIN ARE FINISH FLOOR WALL DIMENSIONS, EXCLUDING CERAMIC TILE AND SETTING BED TECHNIQUE.
- 9 ALL CONTRACTORS SHALL CHECK ALL FLOOR FINISH SCHEDULES, PLANS, DETAILS, SECTIONS, PLAN NOTES, ETC. FOR THE EXTENT OF THE REMODEL WORK.
- 10 ALL ITEMS OF EQUIPMENT OR MATERIALS IMPROBABLE ON CONTRACT DOCUMENTS SHALL BE SUBMITTED TO THE ARCHITECT BY THE APPROPRIATE CONTRACTOR.
- 11 A.P.F. DENOTES ABOVE FINISH FLOOR.
- 12 WORKER WITH OWNER HIS MISHES BEFORE DISPOSING OF ANY ITEMS OF PROPERTY, MATERIAL, EQUIPMENT, ETC.
- 13 ALL LOOSE ITEMS OF FURNITURE AND EQUIPMENT SHALL BE REMOVED BY THE OWNER EXCEPT AS NOTED OTHERWISE.
- 14 ROOM DIMENSIONS WHICH APPEAR ON FLOOR PLANS DO NOT RELATE TO THE SCHEMATIC DRAWING.





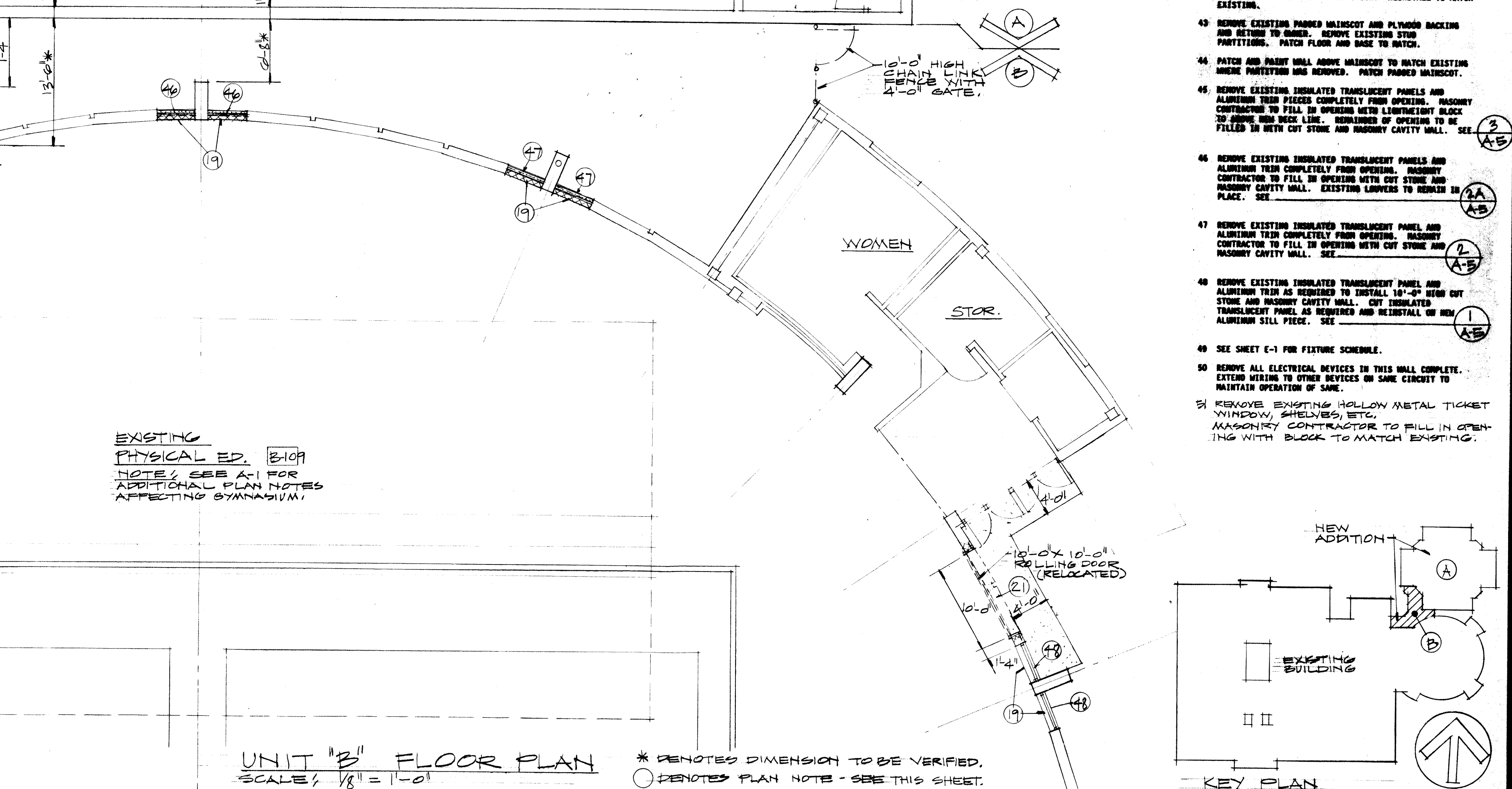
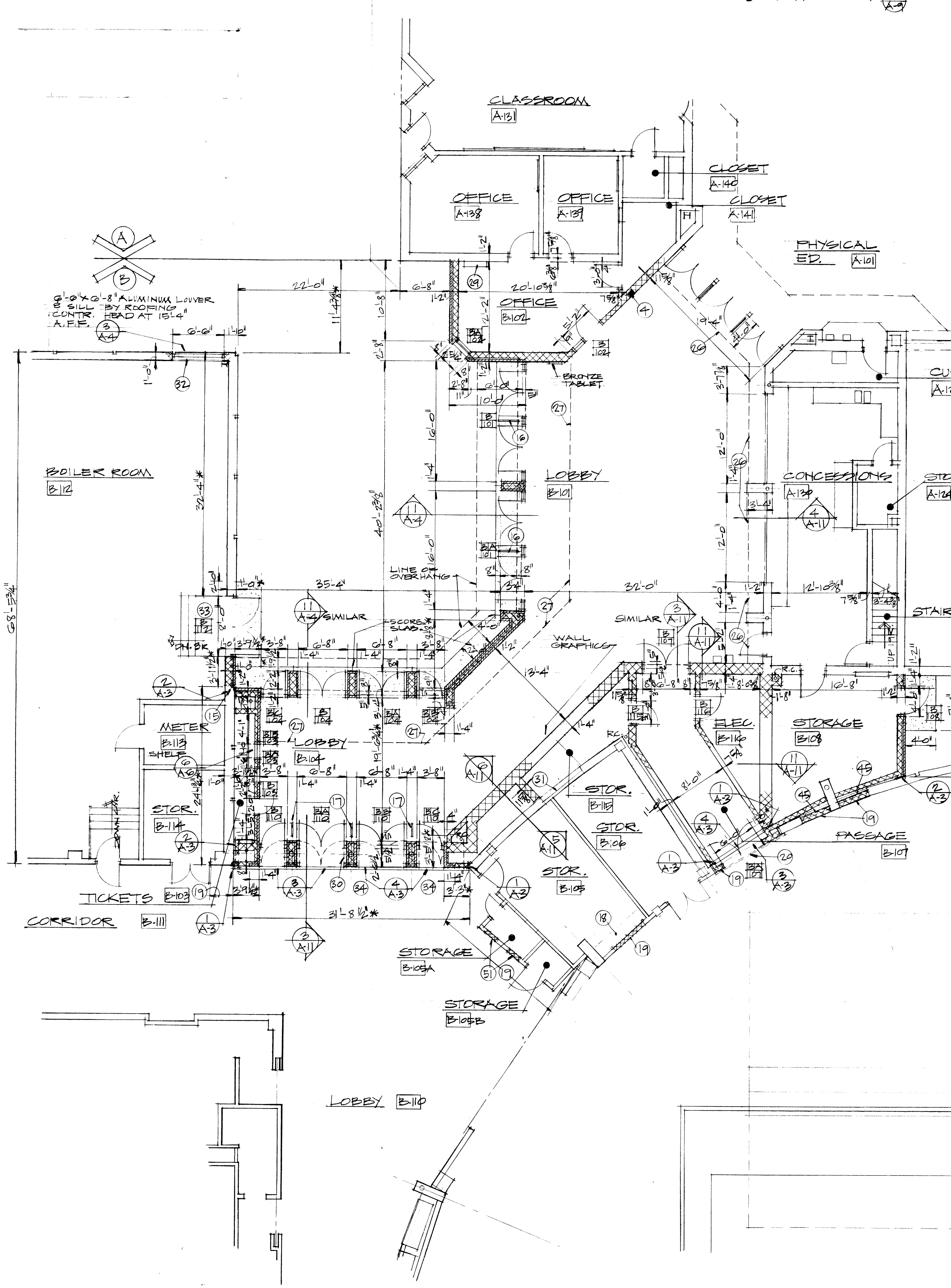






ROOM FINISH SCHEDULE											ROOM FINISH SCHEDULE										
ROOM	FLOOR FINISH	BASE	WALL MATL	CEILING	WINDOW	REMARKS	F-FABRIC	P-PAINT	M-METAL	C-CONCRETE	ROOM	FLOOR FINISH	BASE	WALL MATL	CEILING	WINDOW	REMARKS	F-FABRIC	P-PAINT	M-METAL	C-CONCRETE
		MATERIAL	HEIGHT	MATERIAL	HEIGHT		N	S	E	W			MATERIAL	HEIGHT	MATERIAL	HEIGHT		N	S	E	W
A-126 TRAINING	VINYL COMPOSITION TILE	RUBBER	4"	LIGHTWEIGHT BLOCK	2' X 2' ACoustICAL BOARD						A-101 PHYSICAL EDUCATION	WOOD	4"	LIGHTWEIGHT BLOCK	2' X 2' IMPACT	32'-4"					
A-136 CLOSET	VINYL COMPOSITION TILE	RUBBER	4"	LIGHTWEIGHT BLOCK	ACoustICAL BOARD		P	P	P	P	A-102 STORAGE	CONCRETE	RUBBER	4"	LIGHTWEIGHT BLOCK	EXPOSED UNIT SLAB	10'-8"				
A-137 WET AREA	1" X 1" CERAMIC TILE	CERAMIC TILE	4 1/4"	LIGHTWEIGHT BLOCK	KEENE'S CEMENT PLASTER	PAINT CEILING					A-103 STORAGE	CONCRETE	-----	-----	LIGHTWEIGHT BLOCK	EXPOSED UNIT SLAB AND ACoustICAL BD.	10'-8"				
A-138 OFFICE	CARPET	RUBBER	4"	LIGHTWEIGHT BLOCK	2' X 2' ACoustICAL BOARD		P	P	P	P	A-104 WRESTLING	VINYL COMPOSITION TILE	RUBBER	4"	LIGHTWEIGHT BLOCK	2' X 2' IMPACT					
A-139 OFFICE	CARPET	RUBBER	4"	LIGHTWEIGHT BLOCK	2' X 2' ACoustICAL BOARD		P	P	P	P	A-105 STORAGE	CONCRETE	RUBBER	4"	LIGHTWEIGHT BLOCK	ACoustICAL BOARD	10'-8"				
A-140 CLOSET	VINYL COMPOSITION TILE	RUBBER	4"	LIGHTWEIGHT BLOCK	ACoustICAL BOARD		P	P	P	P	A-106 MEN	1" X 1" CERAMIC TILE	CERAMIC TILE	4 1/4"	4 1/4" X 1 1/4" CERAMIC TILE	ALUMINUM FACED ACoustICAL BOARD	9'-0"				
A-141 CLOSET	VINYL COMPOSITION TILE	RUBBER	4"	LIGHTWEIGHT BLOCK	ACoustICAL BOARD		P	P	P	P	A-107 WOMEN	1" X 1" CERAMIC TILE	CERAMIC TILE	4 1/4"	4 1/4" X 1 1/4" CERAMIC TILE	ALUMINUM FACED ACoustICAL BOARD	9'-0"				
A-142 STAIRS	CONCRETE	-----	-----	LIGHTWEIGHT BLOCK	GYPSUM BOARD PAINT	SEE STAIRS					A-108 MUD ROOM	CONCRETE	RUBBER	4"	LIGHTWEIGHT BLOCK	KEENE'S CEMENT PLASTER	10'-0"				
A-201 MECHANICAL EQUIPMENT	CONCRETE	-----	-----	LIGHTWEIGHT BLOCK	GYPSUM BOARD PAINT	VARIES					A-109 OFFICE	CARPET	RUBBER	4"	LIGHTWEIGHT BLOCK	ACoustICAL BOARD	9'-0"				
A-201A STORAGE	CONCRETE	-----	-----	LIGHTWEIGHT BLOCK	GYPSUM BOARD PAINT	VARIES					A-110 TOILET	1" X 1" CERAMIC TILE	CERAMIC TILE	4 1/4"	LIGHTWEIGHT BLOCK	ALUMINUM FACED ACoustICAL BOARD	9'-0"				
A-202 MECHANICAL EQUIPMENT	CONCRETE	-----	-----	LIGHTWEIGHT BLOCK	GYPSUM BOARD PAINT	VARIES					A-111 SHOWER	1" X 1" CERAMIC TILE	CERAMIC TILE	4 1/4"	4 1/4" X 1 1/4" CERAMIC TILE	KEENE'S CEMENT PLASTER	8'-8"				
A-203 MECHANICAL EQUIPMENT	CONCRETE	-----	-----	LIGHTWEIGHT BLOCK	GYPSUM BOARD PAINT	VARIES					A-112 LOCKER ROOM	1" X 1" CERAMIC TILE	CERAMIC TILE	4 1/4"	4 1/4" X 1 1/4" CERAMIC TILE	KEENE'S CEMENT PLASTER	VARIES				
A-204 MECHANICAL EQUIPMENT	CONCRETE	-----	-----	LIGHTWEIGHT BLOCK	GYPSUM BOARD PAINT	VARIES					A-113 CUSTODIAN	CONCRETE	RUBBER	4"	LIGHTWEIGHT BLOCK	ACoustICAL BOARD	9'-0"				
A-205 STORAGE ALTERNATE #2	CONCRETE	-----	-----	LIGHTWEIGHT BLOCK AND GYPSUM BOARD	GYPSUM BOARD	VARIES					A-114 BOYS	1" X 1" CERAMIC TILE	CERAMIC TILE	4 1/4"	4 1/4" X 1 1/4" CERAMIC TILE	KEENE'S CEMENT PLASTER	9'-2"				
B-101 LOBBY	QUARRY TILE PAVERS	RUBBER	4"	FACE BRICK AND LIGHTWEIGHT BLOCK	2' X 2' ACoustICAL BOARD						A-115 SHOWER	1" X 1" CERAMIC TILE	CERAMIC TILE	4 1/4"	4 1/4" X 1 1/4" CERAMIC TILE	KEENE'S CEMENT PLASTER	9'-2"				
B-102 OFFICE	CARPET	RUBBER	4"	LIGHTWEIGHT BLOCK	2' X 2' ACoustICAL BOARD		P	P	P	P	A-116 SHOWER	1" X 1" CERAMIC TILE	CERAMIC TILE	4 1/4"	4 1/4" X 1 1/4" CERAMIC TILE	KEENE'S CEMENT PLASTER	9'-2"				
B-103 TICKETS	CONCRETE	RUBBER	4"	EXISTING BRICK AND LIGHTWEIGHT BLOCK	ACoustICAL BOARD		P	P	P	P	A-117 LOCKER ROOM	1" X 1" CERAMIC TILE	CERAMIC TILE	4 1/4"	4 1/4" X 1 1/4" CERAMIC TILE	KEENE'S CEMENT PLASTER	VARIES				
B-104 LOBBY	QUARRY TILE PAVERS	RUBBER	4"	FACE BRICK AND LIGHTWEIGHT BLOCK	2' X 2' ACoustICAL BOARD						A-118 GIRLS	1" X 1" CERAMIC TILE	CERAMIC TILE	4 1/4"	4 1/4" X 1 1/4" CERAMIC TILE	KEENE'S CEMENT PLASTER	9'-2"				
B-115 STORAGE	CONCRETE	RUBBER	4"	EXISTING BRICK AND LIGHTWEIGHT BLOCK	ACoustICAL BOARD						A-119 CUSTODIAN	CONCRETE	RUBBER	4"	LIGHTWEIGHT BLOCK	ACoustICAL BOARD	9'-0"				
B-116 ELECTRICAL	CONCRETE	RUBBER	4"	LIGHTWEIGHT BLOCK	ACoustICAL BOARD						A-120 SHOWER	1" X 1" CERAMIC TILE	CERAMIC TILE	4 1/4"	4 1/4" X 1 1/4" CERAMIC TILE	KEENE'S CEMENT PLASTER	8'-8"				
B-107 PASSAGE	CONCRETE	RUBBER	4"	LIGHTWEIGHT BLOCK	ACoustICAL BOARD		P	P	P	P	A-121 TOILET	1" X 1" CERAMIC TILE	CERAMIC TILE	4 1/4"	LIGHTWEIGHT BLOCK	ALUMINUM FACED ACoustICAL BOARD	9'-0"				
B-108 STORAGE	CONCRETE	RUBBER	4"	LIGHTWEIGHT BLOCK	ACoustICAL BOARD		P	P	P	P	A-122 OFFICE	CARPET	RUBBER	4"	LIGHTWEIGHT BLOCK	ACoustICAL BOARD	9'-0"				

- FINISH SCHEDULE NOTES:**
- WOOD MOLDING
  - SAFETY MAINSCOT
- PLAN NOTES:**
- UNIT VENTILATOR BY MECHANICAL CONTRACTOR.
  - CEMENT PLASTER SOFFIT AT 9'-11" ABOVE FINISH FLOOR.
  - HARDWOOD SOFFIT AT 9'-11" ABOVE FINISH FLOOR.
  - FIRE EXTINGUISHER CABINET.
  - FIN TUBE RADIATION AND ENCLOSURE BY MECHANICAL CONTRACTOR.
  - 5'-4" X 4'-0" STAMPER STEEL GRILLE AND SIGHT TIGHT LOUVER.
  - WOOD CERAMIC TILE JOINT.
  - LINE OF CARPET, VINYL COMPOSITION TILE JOINT.
  - 5'-4" X 10'-3" ALUMINUM OUTDOOR AIR INTAKE LOUVER BY ROOFING CONTRACTOR WITH HEAD AT 2'-2-3/4" ABOVE FINISH FLOOR LINE.
  - ALUMINUM THRESHOLD.
  - ALUMINUM FLOOR JOINT.
  - 24" X 12" ACCESS PANEL IN MASONRY WALL AT SCOREBOARD CONTROLS BY ELECTRICAL CONTRACTOR. SEE ELECTRICAL DRAWINGS.
  - LINE OF BULKHEAD AT 14'-0".
  - DIVISION LINE BETWEEN NATURAL FLOOR FINISH AND STAINED FLOOR FINISH.
  - TOOTH NEW MASONRY INTO EXISTING.
  - ALUMINUM DIVIDER RAIL.
  - ALUMINUM DIVIDER RAIL.
  - REMOVE EXISTING COUNTER AND SHUTTER COMPLETELY. MASONRY CONTRACTOR TO FILL IN EXISTING OPENING WITH LIGHTWEIGHT BLOCK TO MATCH EXISTING.
  - PAINT MASONRY TO MATCH EXISTING.
  - REMOVE EXISTING OVERHEAD ROLLING DOOR, DOOR TRACK, HARDWARE, AND FRAME. SAVE DOOR, DOOR TRACK, AND HARDWARE FOR REINSTALLATION.
  - MASONRY CONTRACTOR TO REMOVE EXISTING MASONRY WALL FROM FLOOR LINE TO 10'-0" ABOVE FLOOR LINE AND AS REQUIRED FOR NEW LITEL AND STEEL CHANNEL FRAME PATCH OPENING AS REQUIRED. CUT AND REMOVE EXISTING SHELF ANGLE TO ACCOMMODATE NEW LITEL.
  - PLASTER BULKHEAD AT 9'-11".
  - 1-1/4" I.D. STEEL MANHOLE.
  - 2'-0" X 2'-0" FLOOR ACCESS PANEL.
  - CERAMIC TILE PARTITION.
  - GYPSUM BOARD BULKHEAD AT 9'-0" ABOVE FINISH FLOOR.
  - GYPSUM BOARD BULKHEAD AT 9'-0" ABOVE FINISH FLOOR.
  - KEENE'S CEMENT PLASTER BULKHEAD AT 9'-0" ABOVE FINISH FLOOR LINE. SEE.
  - FAN COIL UNIT BY MECHANICAL CONTRACTOR.
  - REMOVE EXISTING ALUMINUM DOORS, ALUMINUM DOOR FRAMES, GLAZING, AND HARDWARE COMPLETELY FROM OPENING AND RETURN TO THE HOLE (FROM DOUBLE DOORS).
  - REMOVE EXISTING VERTICAL ALUMINUM LOUVER COMPLETELY FROM OPENING.
  - MASONRY CONTRACTOR TO REMOVE EXISTING MASONRY WALL FROM APPROXIMATELY 8'-0" ABOVE FLOOR LINE TO APPROXIMATELY 7'-4" HIGH OF 6'-0" HIGH FOR INSTALLATION OF NEW LITEL AND ALUMINUM LOUVER AND SILL. SEE.
  - REMOVE EXISTING HOLLOW METAL DOORS, DOOR FRAMES, SURELITE GLAZING, HARDWARE, AND ALUMINUM LOUVER ABOVE. RETURN HARDWARE TO OWNER. MASONRY CONTRACTOR TO FILL IN PORTION OF EXISTING OPENING WITH MASONRY TO MATCH EXISTING AND AS REQUIRED FOR NEW LITEL AND DOOR FRAME.
  - ACROUSTICAL CONTRACTOR TO REMOVE AND REINSTALL EXISTING 4" X 4" ACROUSTICAL BOARD CEILING FROM SUSPENSION SYSTEM AND REMOVE SUSPENSION SYSTEM AS REQUIRED FOR NEW LITEL. REPLACE DAMAGED OR STAINED BOARDS WITH NEW BOARDS.
  - LOCATION OF FOUR-DOOR SEPARATION WALL.
  - ALTERNATE #2: PAINT EXISTING PLASTER COLUMN COVERS.
  - AREA OF EXISTING SOUND Baffles ABOVE.
  - REMOVE EXISTING CHALKBOARD AND ALUMINUM TRIM. PROVIDE NEW MASONRY OF SAME SIZE AS CHALKBOARD.
  - REMOVE EXISTING STAIRWAY INSERTS AND CUT HOLES IN EXISTING FLOOR FOR NEW VOLLEYBALL STAIRWAY INSERTS. PATCH AND REPAIR TO MATCH EXISTING. NOTE: THE TWO ADDITIONAL PLATES AT EACH LOCATION ARE TO BE REPAIR IN PLACE.
  - REMOVE EXISTING PLASTIC LAMINATE DOOR AND HOLLOW METAL DOOR FRAME. RETURN TO OWNER.
  - REMOVE EXISTING 2 X 4 ACROUSTICAL BOARD AND GRID AS REQUIRED FOR REMOVAL OF PARTITION. REINSTALL TO MATCH EXISTING.
  - REMOVE EXISTING PATTERN MAINSCOT AND PLASTER BACKING AND RETURN TO OWNER. REMOVE EXISTING STAIR PARTITION. PATCH FLOOR AND MAKE TO MATCH.
  - PATCH AND PAINT WALL ABOVE MAINSCOT TO MATCH EXISTING WHERE PARTITION WAS REMOVED. PATCH PATTERN MAINSCOT.
  - REMOVE EXISTING TRANSPARENT PANELS AND ALUMINUM TRIM COMPLETELY FROM OPENING. MASONRY CONTRACTOR TO FILL IN OPENING WITH LIGHTWEIGHT BLOCK TO MATCH EXISTING. REMOVAL OF OPENING TO BE FILLED IN WITH CUT STONE AND MASONRY CAVITY WALL. SEE.
  - REMOVE EXISTING TRANSPARENT PANELS AND ALUMINUM TRIM COMPLETELY FROM OPENING. MASONRY CONTRACTOR TO FILL IN OPENING WITH CUT STONE AND MASONRY CAVITY WALL. SEE.
  - REMOVE EXISTING TRANSPARENT PANELS AND ALUMINUM TRIM AS REQUIRED TO INSTALL 10'-0" HIGH CUT STONE AND MASONRY CAVITY WALL. CUT TRANSPARENT TRANSPARENT PANELS AS REQUIRED AND REINSTALL ON NEW ALUMINUM SILL PIECE. SEE.
  - SEE SHEET E-1 FOR FIXTURE SCHEDULE.
  - REMOVE ALL ELECTRICAL DEVICES IN THIS WALL COMPLETE. EXTEND WIRING TO OTHER DEVICES ON SAME CIRCUIT TO MAINTAIN OPERATION OF SAME.
  - REMOVE EXISTING HOLLOW METAL TICKET WINDOW, SHELVE(S), ETC. MASONRY CONTRACTOR TO FILL IN OPENING WITH BLOCK TO MATCH EXISTING.



UNIT 3 FLOOR PLAN  
SCALE: 1/8" = 1'-0"

\* DENOTES DIMENSION TO BE VERIFIED.  
○ DENOTES PLAN NOTE - SEE THIS SHEET.

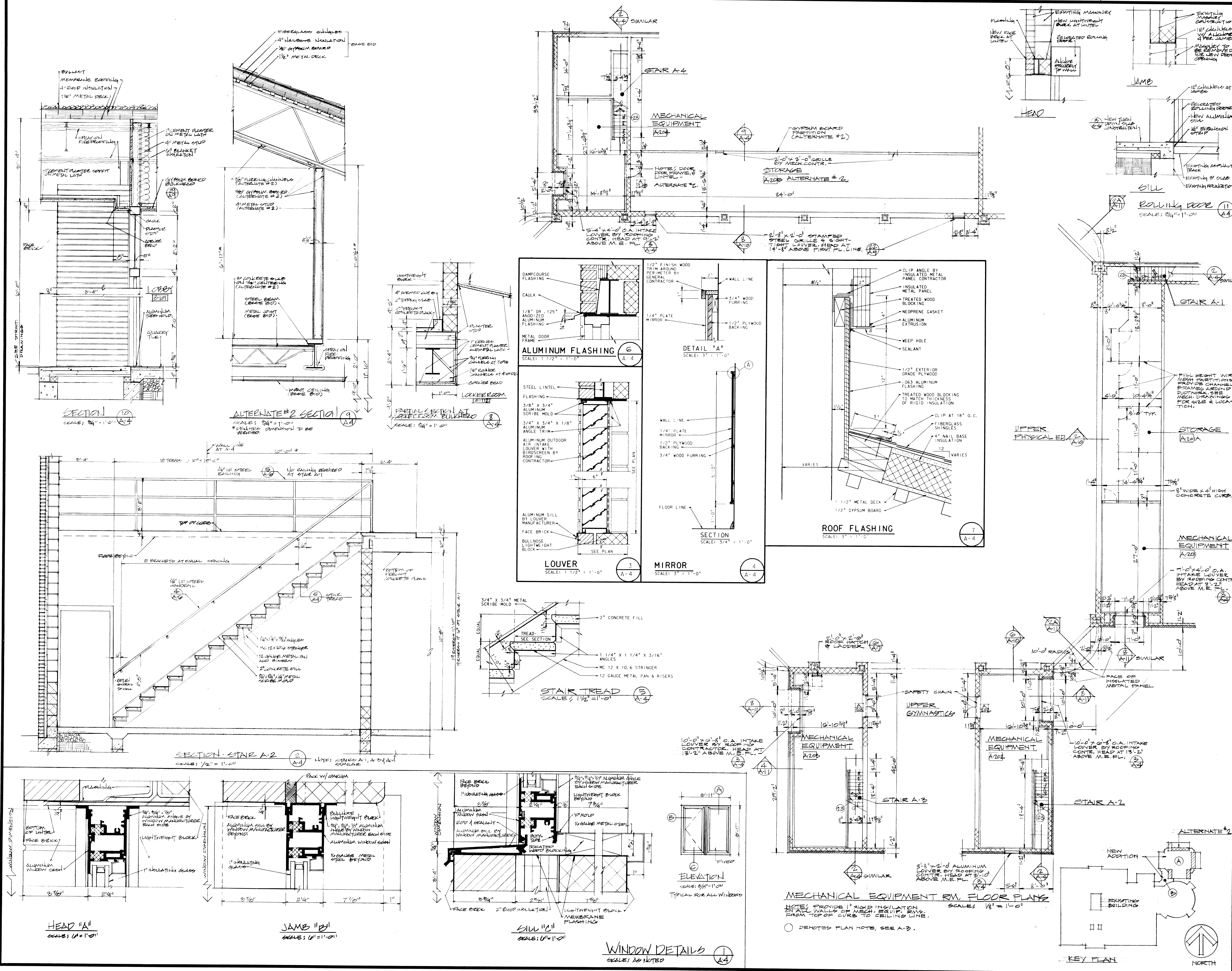
**EVERETT · I · BROWN COMPANY** ARCHITECTS ENGINEERS  
941 NORTH MERIDIAN STREET · LAWRENCE CENTRAL HIGH SCHOOL  
INDIANAPOLIS, INDIANA · 46204

PROJECT 851-190  
DATE MARCH 24, 1986  
REVISED

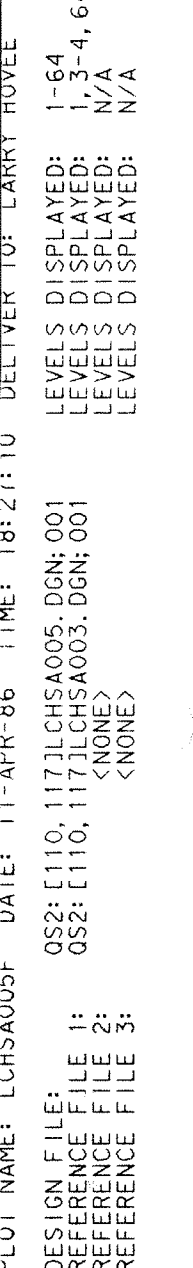
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OF 11

JOHN L. SCHROEDER  
REGISTERED ARCHITECT  
No. 15223  
STATE OF INDIANA

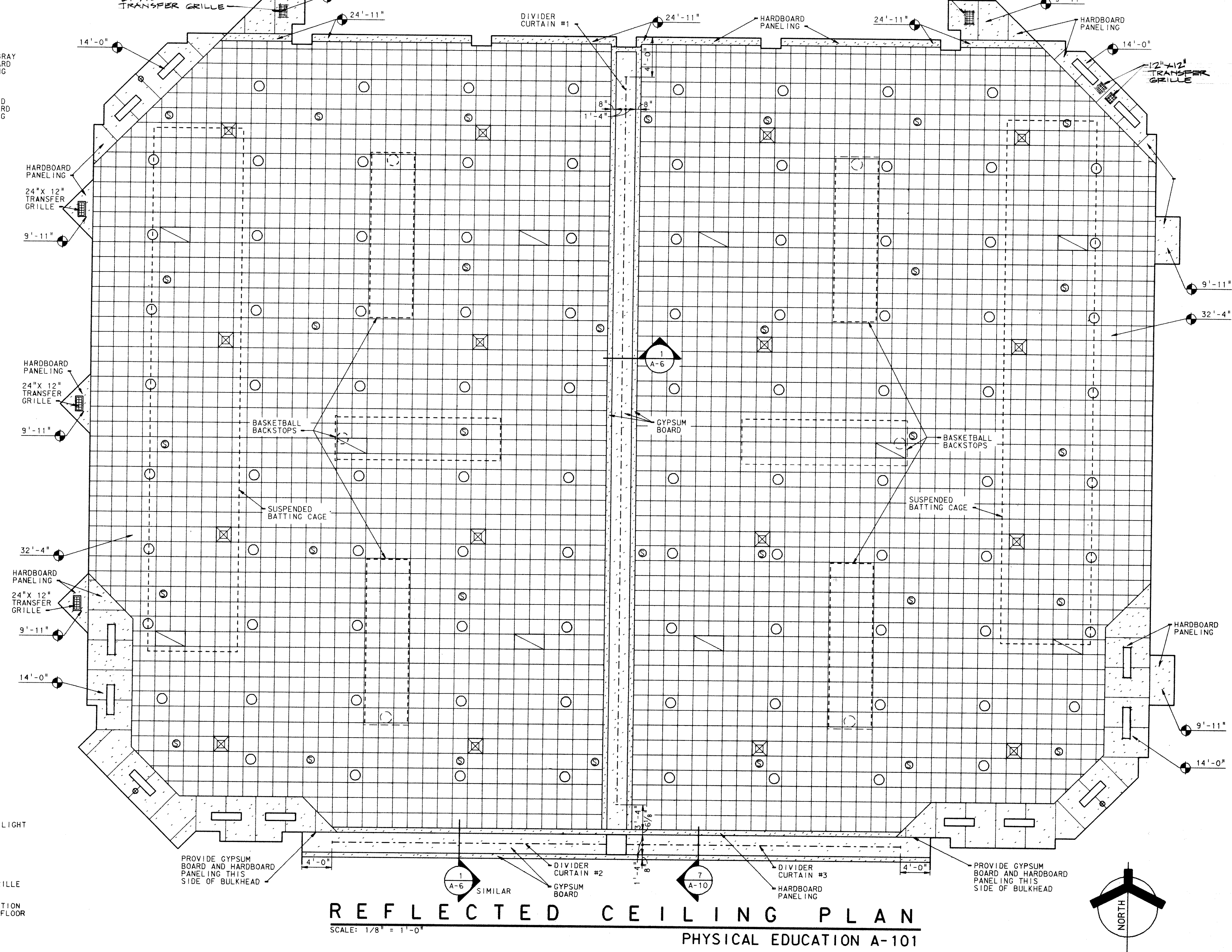
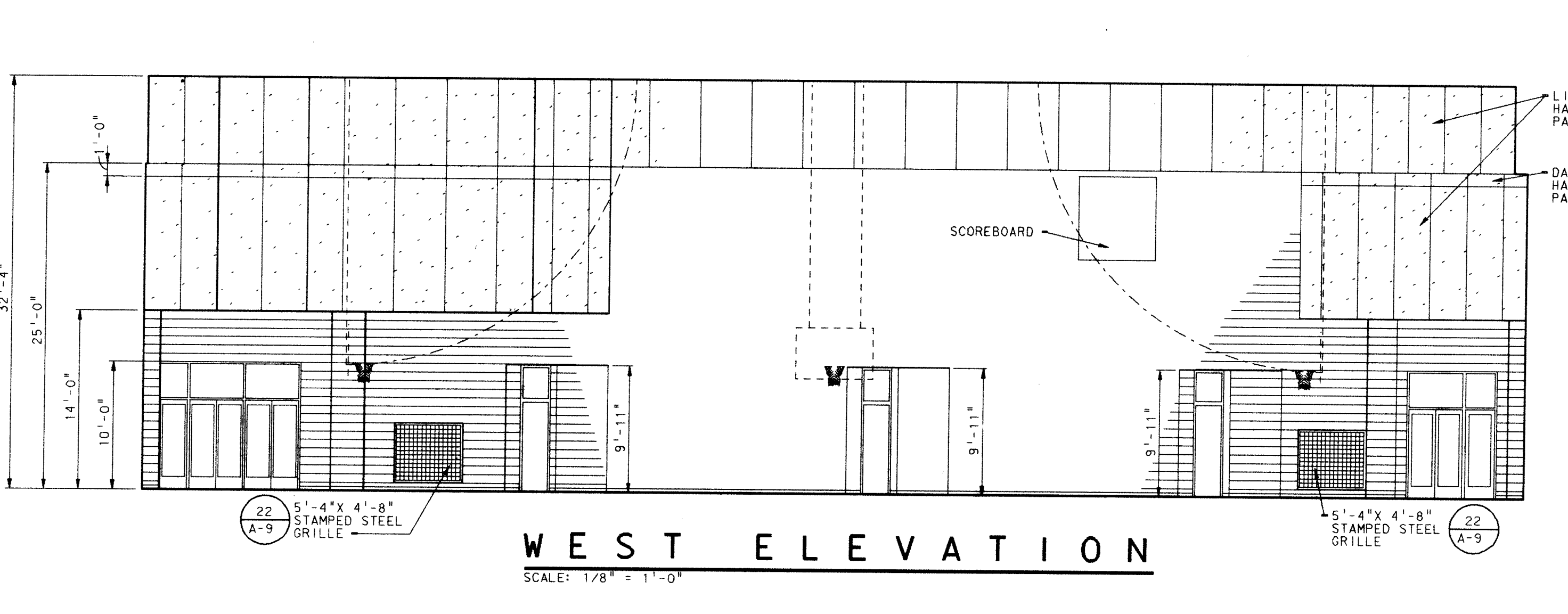
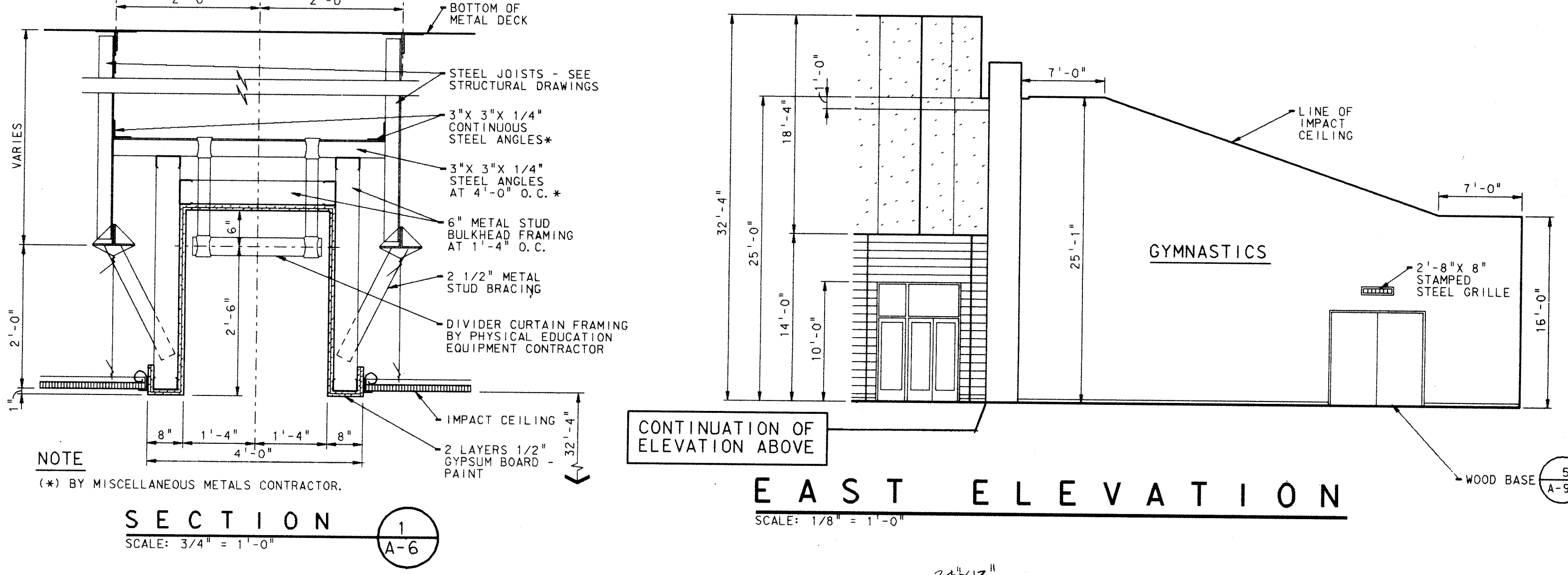
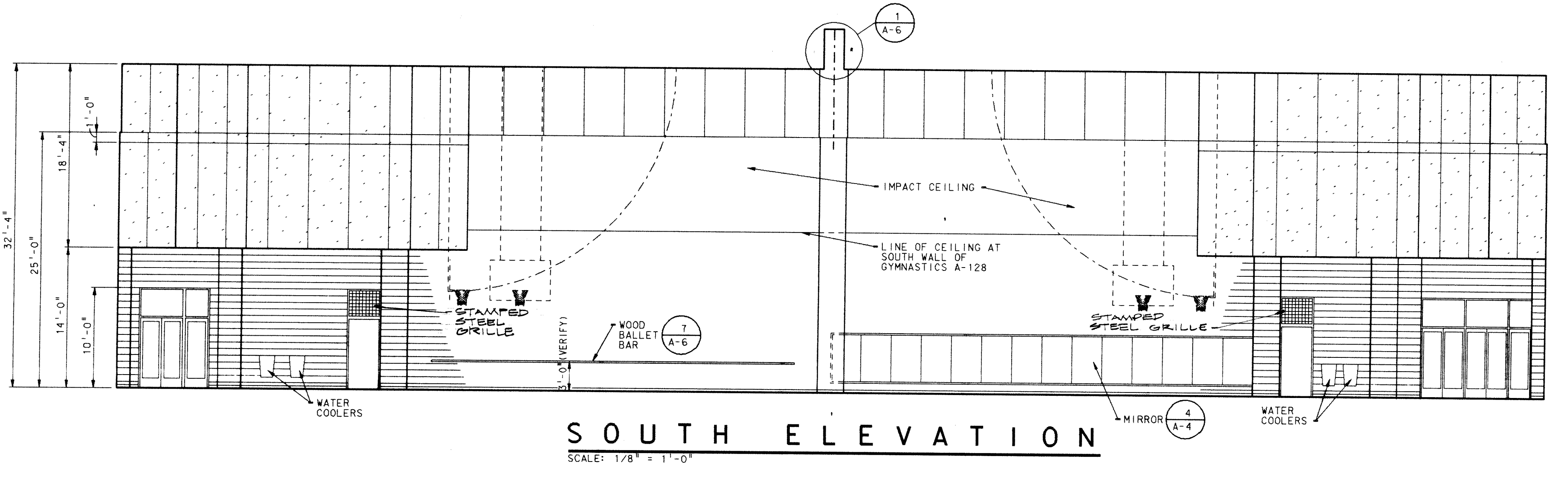
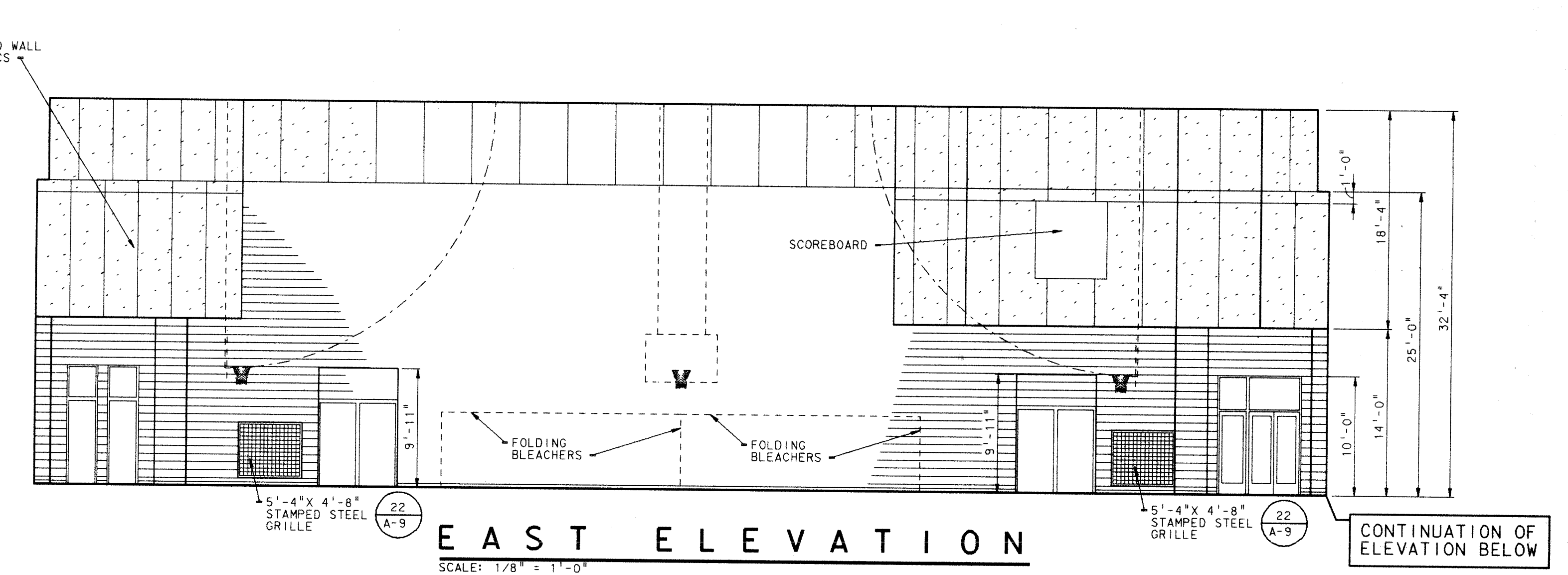
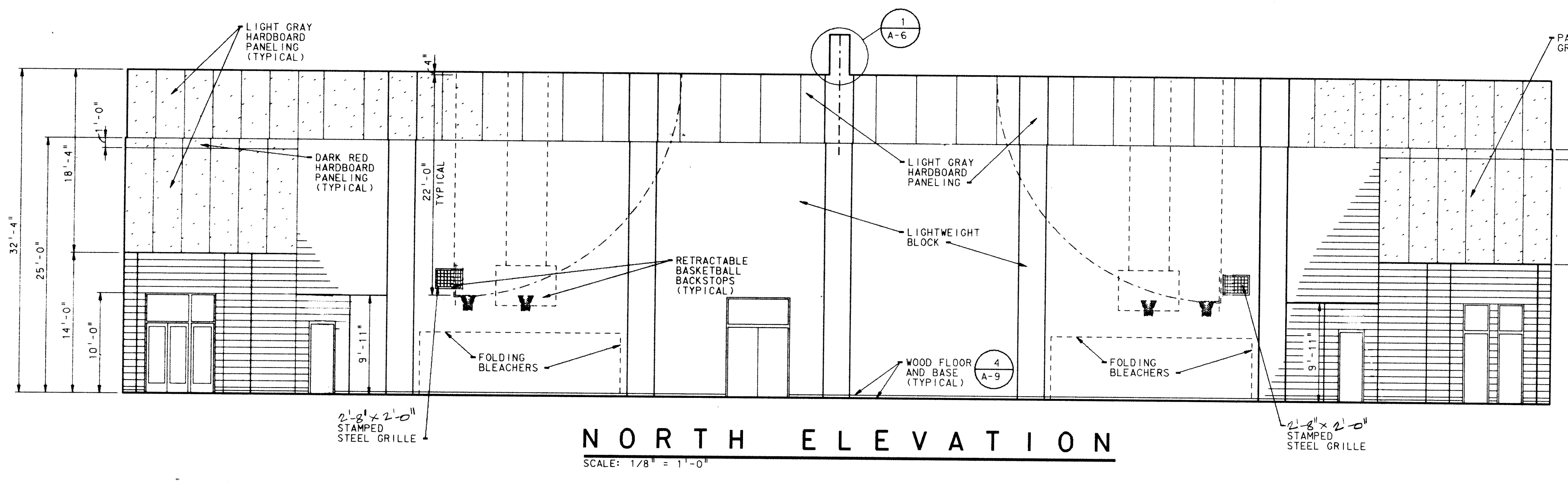












**EVERETT I. BROWN Company**  
Architects & Engineers

**NOTE:**  
1. COLORS TO BE VERIFIED WITH OWNER.  
2. ART WORK WILL BE FURNISHED BY THE ARCHITECT TO THE PAINTER.

**PROJECT SIGN**  
NOT TO SCALE

**STEEL ANGLE L'INTEL**  
ALUMINUM OUTDOOR AIR INTAKE LOUVER WITH BIRD SCREEN BY ROOFING CONTRACTOR

**ALUMINUM SILL BY LOUVER MANUFACTURER**  
FACE BRICK

**LIGHTWEIGHT BLOCK LOUVER**  
SCALE: 1/2" = 1'-0"

**STEEL HANDRAIL BRACKET**  
SCALE: 3" = 1'-0"

**STEEL HANDRAIL**  
SCALE: 1/2" = 1'-0"

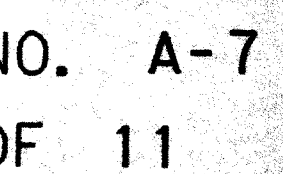
**CERAMIC TILE - WOOD FLOOR JOINT**  
SCALE: 3" = 1'-0"

**WOOD BALLET BAR**  
SCALE: 3" = 1'-0"

**CEILING LEGEND:**

- METAL HALIDE LIGHT
- EXIT LIGHT
- DIFFUSER
- RELIEF AIR GRILLE
- DENOTES ELEVATION ABOVE FINISH FLOOR
- FLUORESCENT LIGHT FIXTURE
- CEILING SPEAKER



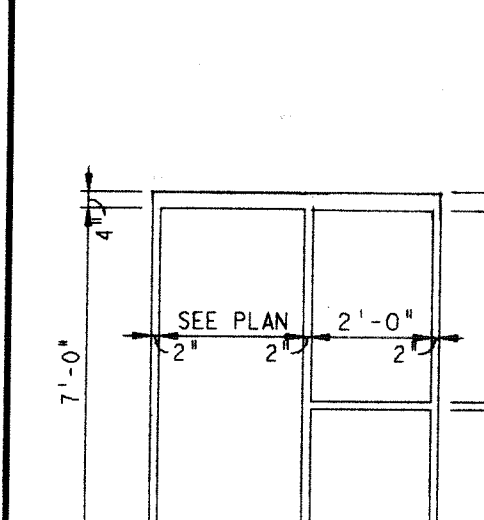
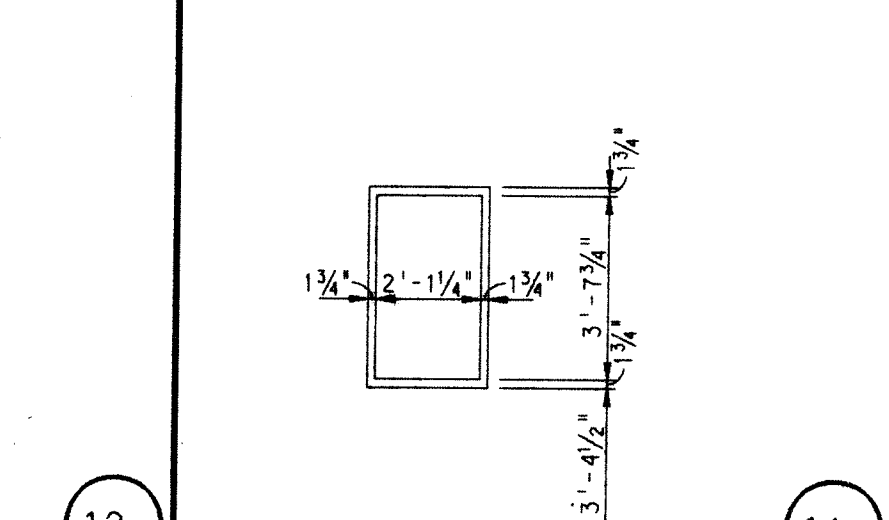
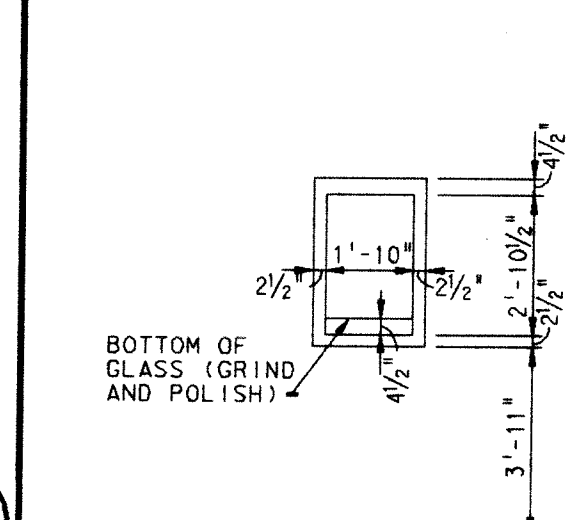
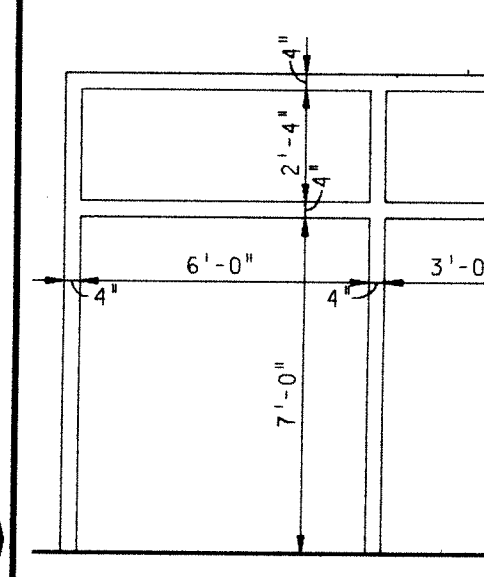
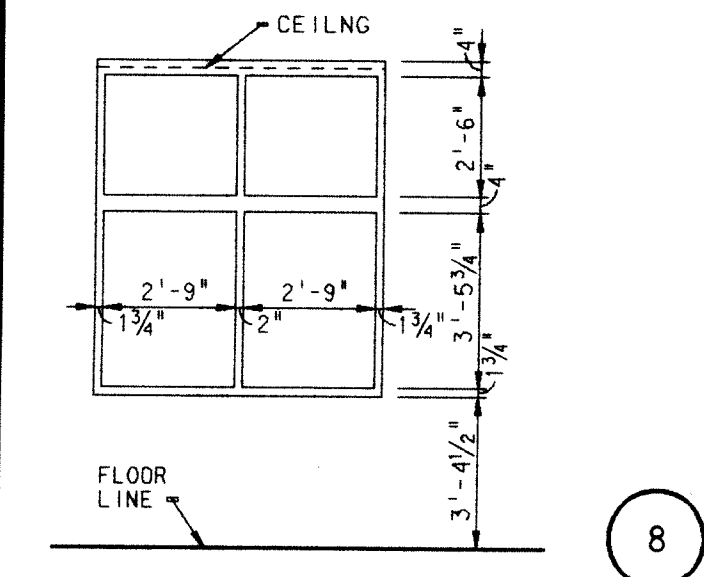
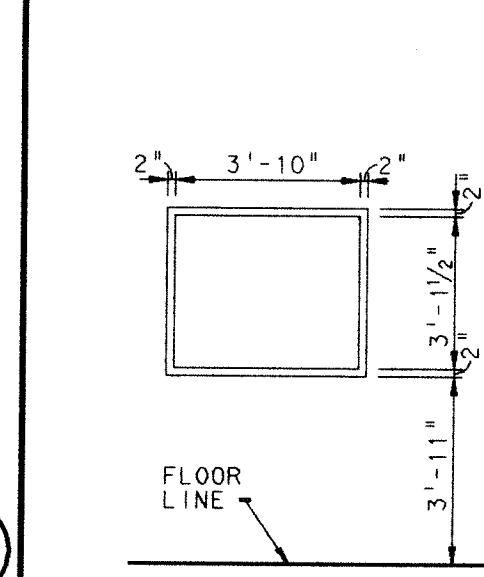
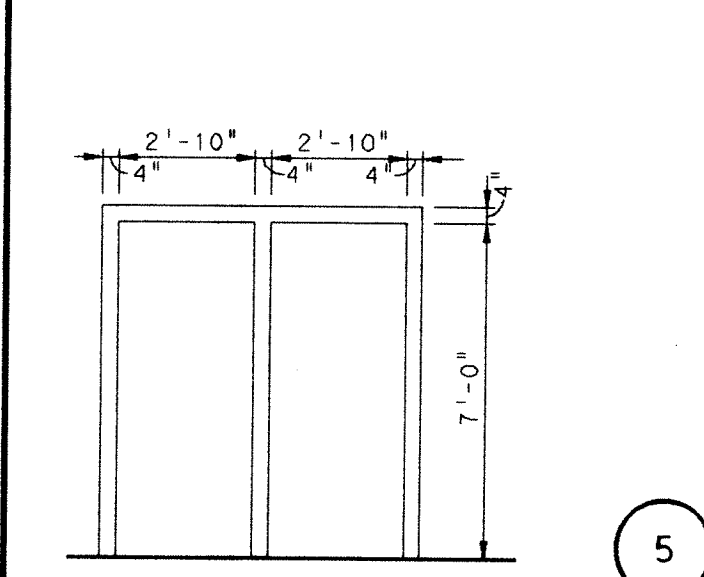
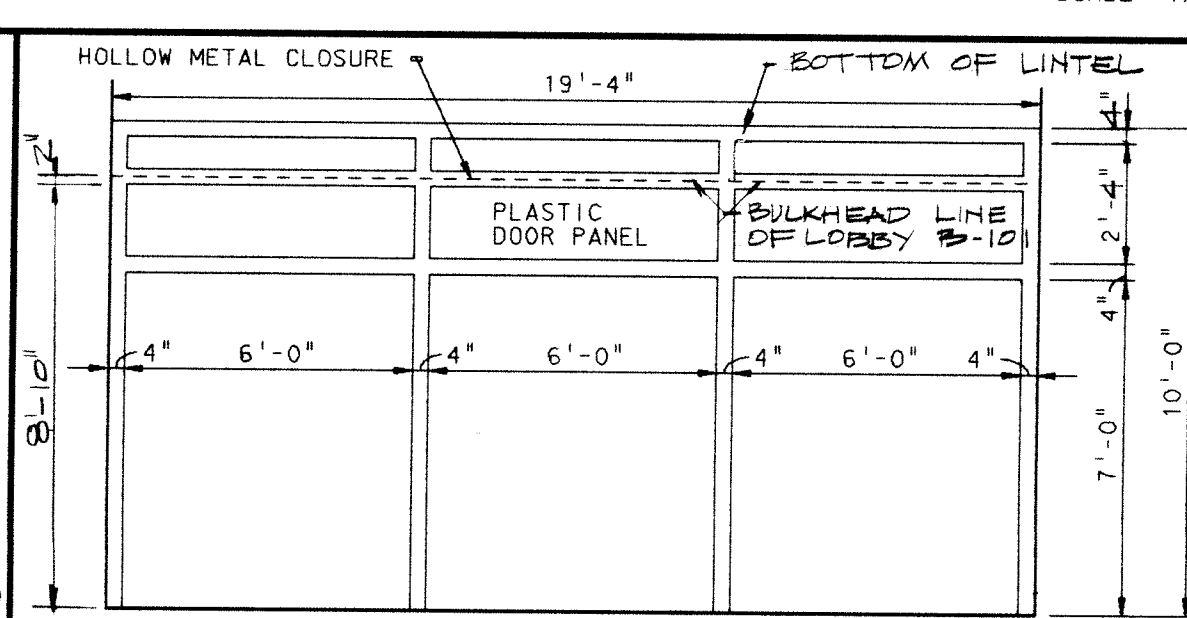
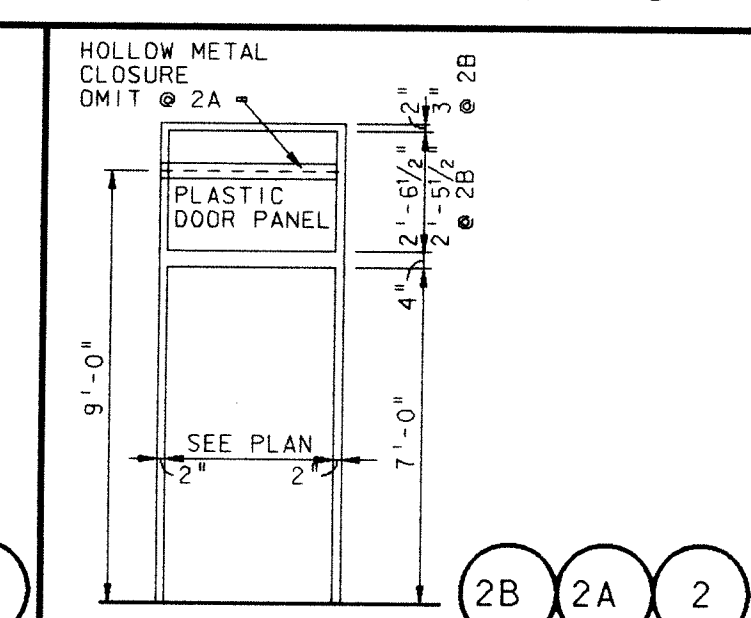
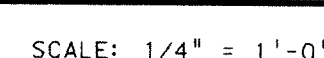
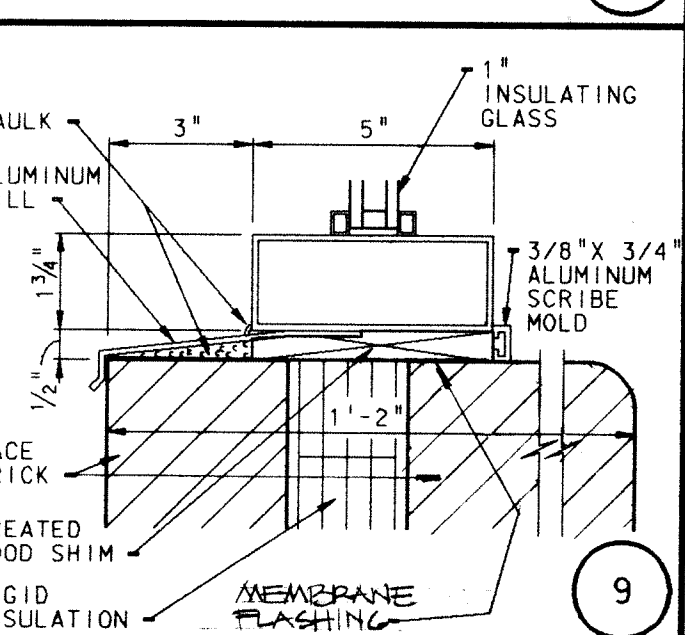
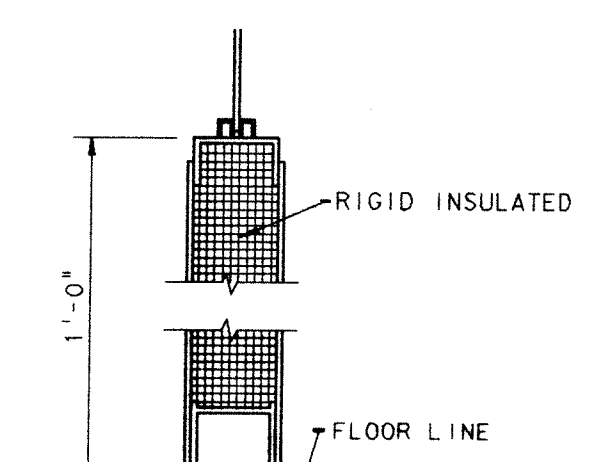
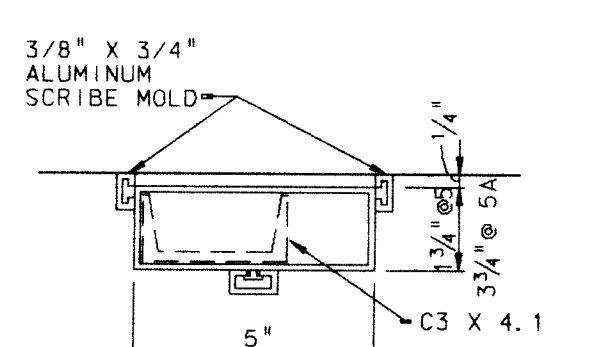
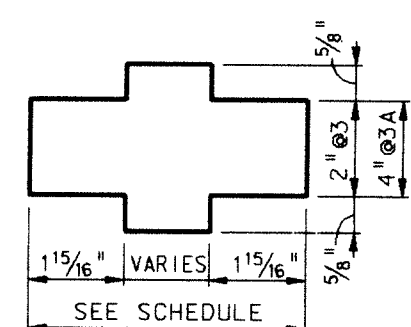
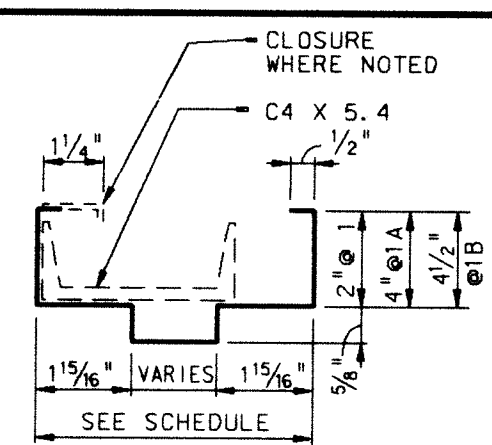






1. JAMB, HEAD, AND SILL DO NOT SHOW WALL CONSTRUCTION. SEE FLOOR PLAN FOR WALL MATERIALS. SEE ROOM FINISH SCHEDULE FOR WALL FINISHES.
2. CAULK ALL JAMBS AND HEADS ONLY WHERE FRAMES MEET EXPOSED MASONRY.
3. THICKNESS OF ALL DOORS TO BE 1 3/4" UNLESS OTHERWISE NOTED.
4. PROVIDE A 3/8" X 3/4" METAL ALUMINUM AT ALUMINUM FRAMES. SCRIBE MOULD SET IN CONTACT WITH ALL EXTERIOR DOORS AND WHERE OTHERWISE NOTED.
5. PROVIDE GLAZING AND GLASS STOPS AS REQUIRED.
6. WHERE A LABEL IS REQUIRED, BOTH DOOR AND FRAME SHALL BEAR A LABEL.
7. PROVIDE C4 X 5/4 STEEL CHANNEL AT HINGE JAMB OF ALL EXTERIOR METAL DOOR FRAMES.
8. UNLESS OTHERWISE NOTED, ALL EXIT DEVICES ARE TO BE PANIC HARMWARE.

SCALE: 3" = 1'-0"



LOUVER SCHEDULE	
.MK	LOUVER SIZE
1	20" X 8"
2	24" X 8"
3	24" X 12"

NOOR	DOOR DESCRIP	TY RE	DOOR		MATERIAL	LOU	GLASS		MATERIAL	FRAME				HEAD	SILL	ELE	LABEL	HARDWARE		REMARKS
			WIDTH	HEIGHT			DOOR SIDE	TRA CT		WIDTH	JAMB	EXIT DEVICE	CLO SER							
A-101	THREE DOUBLES	2	3'-0"	7'-0"	PLASTIC	-	-	-	METAL	5 1/2"	1A, 3A	1A, 3A, 4	-	1	-----	---	YES	YES	● PLASTIC LAMINATE DOOR PANEL TRANSOM.	
A-102	SINGLE	1	3'-4"	7'-0"	PLASTIC	-	-	-	METAL	8 3/4"	1	1B	-	-	-----	---	---	YES		
A-103	DOUBLE	1	3'-0"	7'-10"	METAL	-	-	-	METAL	5 1/2"	1	1A	-	-	-----	---	---	---		
A-103A	SINGLE	1	3'-0"	7'-0"	METAL	-	-	-	METAL	5 1/2"	2	2A	-	-	-----	---	---	YES		
A-103B	SINGLE	1	3'-0"	7'-0"	METAL	3	-	-	-	METAL	8 3/4"	1	1B	-	-	-----	---	---	YES	
A-104	SINGLE	2	3'-0"	7'-0"	PLASTIC	-	A	-	-	METAL	5 1/2"	2	2A	-	-	-----	---	---	YES	
A-104A	SINGLE	2	3'-0"	7'-0"	PLASTIC	-	A	-	-	METAL	5 1/2"	2	2A	-	-	-----	---	---	YES	
A-104B	DOUBLE	1	3'-0"	7'-0"	PLASTIC	-	-	-	● METAL	5 1/2"	2A	2A, 3A	-	3	-----	---	---	---	● PLASTIC LAMINATE DOOR PANEL TRANSOM.	
A-105	SINGLE	1	3'-4"	7'-0"	PLASTIC	-	-	-	METAL	5 1/2"	2	2A	-	-	-----	---	---	YES		
A-106	SINGLE	2	2'-8"	7'-0"	PLASTIC	-	B	-	● METAL	8 3/4"	1	2, 3A, 4	-	2	-----	---	---	YES	● PLASTIC LAMINATE DOOR PANEL TRANSOM.	
A-107	SINGLE	2	2'-8"	7'-0"	PLASTIC	-	B	-	● METAL	8 3/4"	1	2, 3A, 4	-	2	-----	---	---	YES	● PLASTIC LAMINATE DOOR PANEL TRANSOM.	
A-108	SINGLE	1	3'-0"	7'-0"	PLASTIC	-	-	-	METAL	10"	1	1B	-	-	-----	---	---	YES	CLOSURE AT HEAD	
A-108A	SINGLE	1	3'-0"	7'-0"	METAL	-	-	-	METAL	5 1/2"	1	1A	-	-	-----	---	---	YES		
A-108B	SINGLE	1	3'-0"	7'-0"	METAL	-	-	-	METAL	5 1/2"	1, 2	2A	-	-	-----	---	---	YES	PROVIDE CLOSURE EAST SIDE OF NORTH JAMB	
A-109	SINGLE	2	3'-0"	7'-0"	PLASTIC	-	A	-	-	METAL	10"	2	1B	-	-	-----	---	---	YES	CLOSURE AT HEAD
A-109A	-----	-	-----	-----	-----	-	-	A	-	METAL	10"	2	1B	-	4	-----	---	---	---	CLOSURE AT HEAD
A-110	SINGLE	2	2'-8"	7'-0"	PLASTIC	1	B	-	-	METAL	8 3/4"	1	1B	-	-	-----	---	---	YES	
A-112	TWO SINGLES	2	2'-10"	7'-0"	PLASTIC	-	B	-	-	METAL	5 1/2"	1A, 3A	1B	-	5	-----	---	---	YES	
A-113	SINGLE	1	3'-0"	7'-0"	PLASTIC	2	-	-	-	METAL	10"	1	1B	-	-	-----	---	---	YES	CLOSURE AT HEAD
A-117	TWO SINGLES	2	2'-10"	7'-0"	PLASTIC	-	B	-	-	METAL	5 1/2"	1A, 3A	1B	-	5	-----	---	---	YES	
A-119	SINGLE	1	3'-0"	7'-0"	PLASTIC	2	-	-	-	METAL	10"	1	1B	-	-	-----	---	---	YES	CLOSURE AT HEAD
A-121	SINGLE	2	2'-8"	7'-0"	PLASTIC	1	B	-	-	METAL	8 3/4"	1	1B	-	-	-----	---	---	YES	
A-122	SINGLE	2	3'-0"	7'-0"	PLASTIC	-	A	-	-	METAL	10"	2	1B	-	-	-----	---	---	YES	CLOSURE AT HEAD
A-122A	-----	-	-----	-----	-----	-	-	A	-	METAL	10"	2	1B	-	4	-----	---	---	---	CLOSURE AT HEAD
A-123	SINGLE	1	3'-0"	7'-0"	PLASTIC	-	-	-	-	METAL	10"	1	1B	-	-	-----	---	---	YES	CLOSURE AT HEAD
A-123A	SINGLE	1	3'-0"	7'-0"	METAL	-	-	-	-	METAL	5 1/2"	1	1A	-	-	-----	---	---	YES	
A-124	SINGLE	1	2'-6"	7'-0"	PLASTIC	-	-	-	-	METAL	8 3/4"	1	1B	-	-	20 MIN.	---	---	YES	
A-125	SINGLE AND DOUBLE	2	3'-0"	7'-0"	PLASTIC	-	A	-	A	METAL	5 1/2"	1A, 3A	1A, 3A	-	7	-----	YES	YES		
A-125A	SINGLE AND DOUBLE	3	3'-0"	7'-0"	ALUMINUM	-	D	D	D	ALUMINUM	5"	6, 6A, 10	6A, 8	7	6	-----	YES	YES		
A-125B	-----	-	-----	-----	-----	-	-	C	-	ALUMINUM	5"	5, 6	6A, 8	9	8	-----	---	---	---	
A-125C	-----	-	-----	-----	-----	-	-	C	-	ALUMINUM	5"	5, 6	6A, 8	9	8	-----	---	---	YES	
A-126	SINGLE	1	3'-4"	7'-0"	PLASTIC	-	-	-	● METAL	5 1/2"	2	2, 3A	-	2A	-----	---	---	YES	● STAMPED STEEL GRILLE & SIGHT-TIGHT LOUVER BY MISCELLANEOUS METALS CONTR.	
A-127	DOUBLE	1	3'-10"	7'-10"	PLASTIC	-	-	-	-	METAL	5 1/2"	2	2A	-	-	-----	---	---	YES	
A-127A	SINGLE	1	3'-0"	7'-0"	METAL	-	-	-	-	METAL	5 1/2"	1, 2	2A	-	-	-----	---	---	YES	
A-129	SINGLE	1	3'-0"	7'-0"	PLASTIC	-	-	-	● METAL	5 1/2"	2	2, 3A	-	2A	-----	---	---	YES	● STAMPED STEEL GRILLE & SIGHT-TIGHT LOUVER BY MISCELLANEOUS METALS CONTR.	
A-130	SINGLE	1	3'-0"	7'-0"	PLASTIC	-	-	-	-	METAL	5 1/2"	2	2A	-	-	-----	---	---	YES	
A-130A	SINGLE	1	3'-0"	7'-0"	METAL	-	-	-	-	METAL	5 1/2"	1, 2	2A	-	-	-----	---	---	YES	
A-130B	SINGLE	1	3'-0"	7'-0"	PLASTIC	-	-	-	-	METAL	5 1/2"	2	1, 3A	-	-	-----	---	---	YES	
A-131	SINGLE	2	3'-0"	7'-0"	PLASTIC	-	A	-	● METAL	8 3/4"	1	2B, 3A, 4	-	2B	-----	---	---	YES	● PLASTIC LAMINATE DOOR PANEL TRANSOM.	
A-131A	SINGLE	1	3'-0"	7'-0"	METAL	-	-	-	-	METAL	5 1/2"	1	1A	-	-	-----	---	---	YES	
A-132	SINGLE	2	3'-0"	7'-0"	PLASTIC	-	A	-	● METAL	8 3/4"	1	2B, 3A, 4	-	2B	-----	---	---	YES	● PLASTIC LAMINATE DOOR PANEL TRANSOM.	
A-133	SINGLE	2	3'-0"	7'-0"	PLASTIC	-	A	-	● METAL	8 3/4"	1	2B, 3A, 4	-	2B	-----	---	---	YES	● PLASTIC LAMINATE DOOR PANEL TRANSOM.	
A-134	SINGLE AND DOUBLE	2	3'-0"	7'-0"	PLASTIC	-	A	-	A	METAL	5 1/2"	1A, 3A	1A, 3A	-	7	-----	YES	YES		
A-134A	SINGLE AND DOUBLE	3	3'-0"	7'-0"	ALUMINUM	-	D	D	D	ALUMINUM	5"	6, 6A, 10	6A, 8	7	6	-----	YES	YES		
A-134B	-----	-	-----	-----	-----	-	-	C	-	ALUMINUM	5"	5, 6	6A, 8	9	8	-----	---	---	---	
A-134C	-----	-	-----	-----	-----	-	-	C	-	ALUMINUM	5"	5, 6	6A, 8	9	8	-----	---	---	---	
A-135	SINGLE	2	3'-4"	7'-0"	PLASTIC	-	B	-	-	METAL	8 3/4"	1	1B	-	-	-----	---	---	YES	
A-136	SINGLE	1	2'-2"	7'-0"	PLASTIC	-	-	-	-	METAL	8 3/4"	1	1B	-	-	-----	---	---	---	
A-138	SINGLE	1	3'-0"	7'-0"	PLASTIC	-	-	-	-	METAL	8 3/4"	1, 2	1B	-	-	-----	---	---	---	
A-139	SINGLE	1	3'-0"	7'-0"	PLASTIC	-	-	-	-	METAL	8 3/4"	1, 2	1B	-	-	-----	---	---	---	
A-140	SINGLE	1	3'-0"	7'-0"	PLASTIC	-	-	-	-	METAL	8 3/4"	1	1B	-	-	-----	---	---	---	
A-141	SINGLE	1	2'-8"	7'-0"	PLASTIC	-	-	-	-	METAL	8 3/4"	1, 2	1B	-	-	-----	---	---	---	

Julius V. Schroder

PROJECT 851-190	DATE R. 24, 1986	REVISED
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NO. A-8  
OF 11

DESIGN FILE:	OS2: [110, 117]LCHSA008.DGN; 001	LEVELS DISPLAYED:	1-2, 4-64
REFERENCE FILE 1: <td>OS2: [110, 117]LCHSA003.DGN; 001 <td>LEVELS DISPLAYED: <td>1, 3-4, 64</td> </td></td>	OS2: [110, 117]LCHSA003.DGN; 001 <td>LEVELS DISPLAYED: <td>1, 3-4, 64</td> </td>	LEVELS DISPLAYED: <td>1, 3-4, 64</td>	1, 3-4, 64
REFERENCE FILE 2: <td>&lt;NONE&gt; <td>LEVELS DISPLAYED: <td>N/A</td> </td></td>	<NONE> <td>LEVELS DISPLAYED: <td>N/A</td> </td>	LEVELS DISPLAYED: <td>N/A</td>	N/A
REFERENCE FILE 3: <td>&lt;NONE&gt; <td>LEVELS DISPLAYED: <td>N/A</td> </td></td>	<NONE> <td>LEVELS DISPLAYED: <td>N/A</td> </td>	LEVELS DISPLAYED: <td>N/A</td>	N/A



ELEVATION

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

ROOM: CONCESSIONS A-130

36  
A-9

ELEVATION

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

ROOM: CONCESSIONS A-130

35  
A-9

ELEVATION

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

ROOM: CLASSROOMS A-131, A-132

34  
A-9

ELEVATION 33  
SCALE: 1/4"=1'-0"  
ROOM: CONCESSIONS A-130

ELEVATION

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

ROOM: TRAINING A-135

32

A-9

ELEVATION 31  
SCALE: 1/4" = 1'-0"

ELEVATION 30  
SCALE: 1/4" = 1'-0" A-9

STAMPED STEEL  
GRILLE  
SCALE: 1 1/2" = 1'-0"

PLASTER BULKHEAD  
SCALE: 1 1/2" = 1'-0"

ALUMINUM DIVIDER RAIL  
SCALE: 1" = 1'-0"

ALUMINUM DIVIDER RAIL

WOOD BENCH  
SCALE:  $3/4" = 1'-0"$

**BRICK REVEAL**  
SCALE: 1 1/2" = 1'-0"

### TYPICAL JAMB AT MASONRY OPENING

**WALL ANCHORAGE**  
NOT TO SCALE

The image contains two technical drawings. The left drawing, titled 'BULKHEAD', shows a cross-section of a bulkhead assembly. It features a vertical 'WOOD BLOCKING' on the left, a horizontal '1/2" RD BOARD' at the top, and a '1/8" HARDBOARD PANELING' on the right. A diagonal line indicates the joint. The right drawing, titled 'TYPICAL JOINT', shows a cross-section of a joint between two panels. It features a 'LINE OF FRAMING' at the top, '2 LAYERS 1/2" OFSUM BOARD' in the middle, and '1/8" HARDBOARD PANELING' on the right. A 'PLASTIC MOLD' is shown at the bottom of the joint.

**BULKHEAD**

WOOD BLOCKING

1/2" RD BOARD

1/8" HARDBOARD PANELING

**TYPICAL JOINT**

LINE OF FRAMING

2 LAYERS 1/2" OFSUM BOARD

1/8" HARDBOARD PANELING

PLASTIC MOLD

**WATERPROOFED PANELING DETAILS**

SCALE: 3" = 1'-0"

20

A-9

**WOOD MOULDING**  
SCALE: FULL SIZE

ELEVATION  
NOT TO SCALE

ELEVATION  
\_\_\_\_\_  
FEET ABOVE SEA LEVEL \_\_\_\_\_

### CHALKBOARDS AND CORKBOARDS

**FOLDING PARTITION HEAD "A"**  
SCALE  $3'' = 1'-0''$

### FOLDING PARTITION ELEVATION

CERAMIC TILE LOCKER BENCH  
SCALE :  $1\frac{1}{2}" = 1'-0"$

CERAMIC TILE ISLAND LOCKER BENCH

LOCKER BASE

DETAIL "A"  
SCALE: 3" = 1'-0"

3/4" WOOD FURRING

SAFETY CUSHION  
WAINSCOT  
SCALE: 3" = 1'-0"

16  
A-9

PARTITION  
SCALE: 1 1/2" = 1'

SHOWER

SEE PLAN  
5'

LIGHTWEIGHT BLOCK

CERAMIC TILE CURB

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

8  
A-9

**FLOOR INSERT**  
SCALE: 1 1/2" = 1' - 0"

**WOOD FLOOR JOINT**

WOOD FLOOR AND BASE

REMOVABLE FLOOR PANEL

SCALE: 3" = 1'-0"

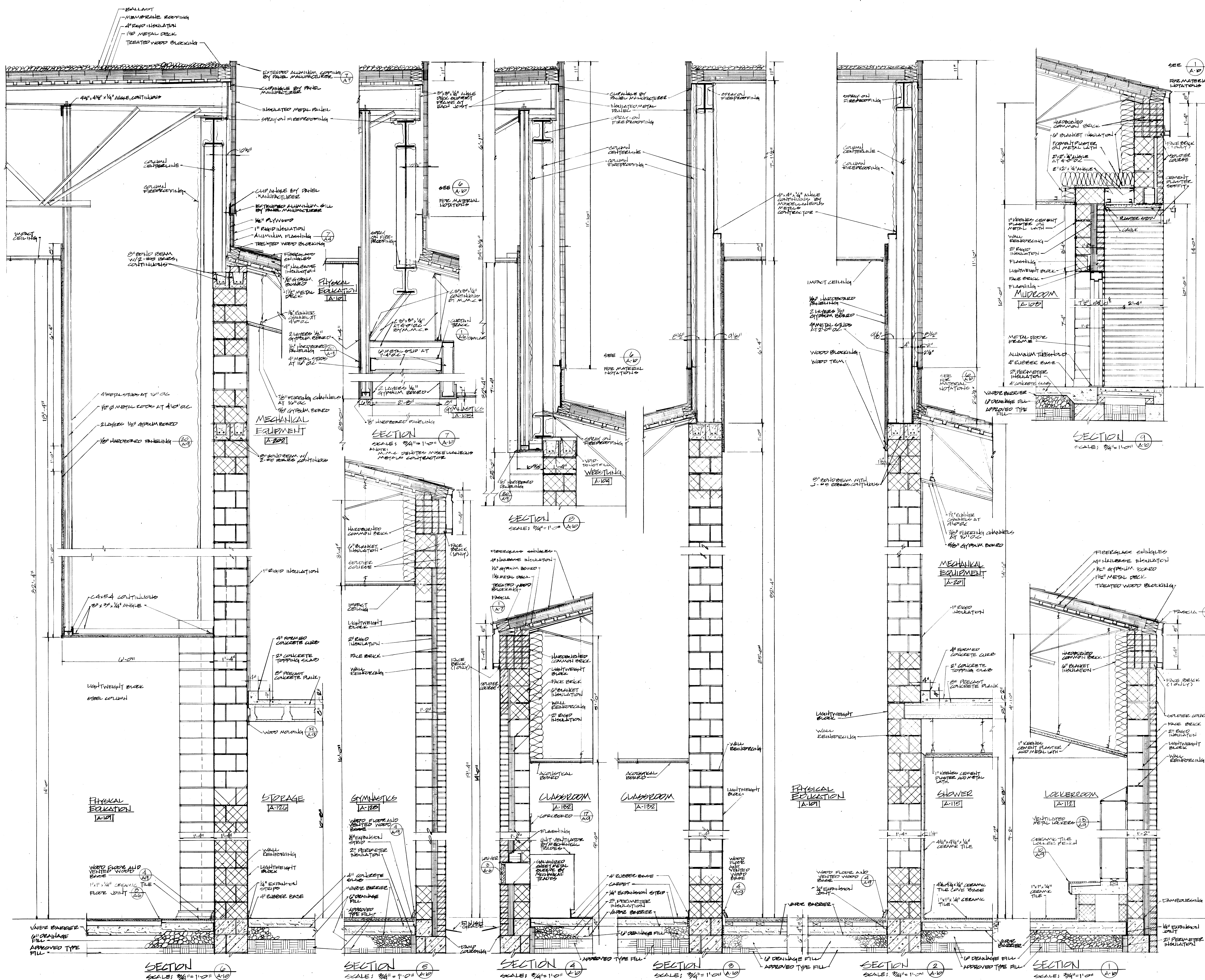
3A 3

1-9 1-9

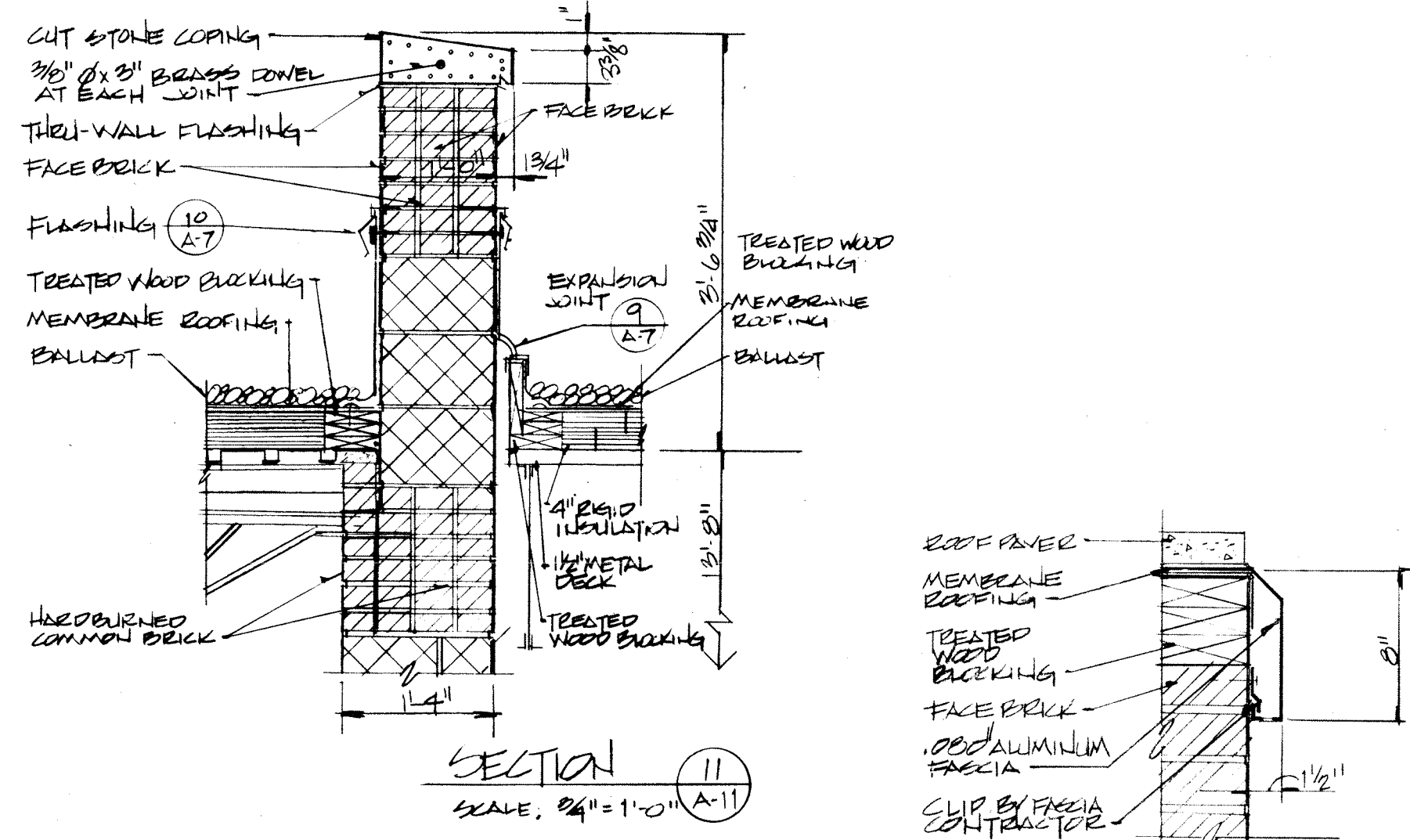
7'-4" SEE PLAN 1/4" 4 1/4" X 4 1/4" X 1/4" CERAMIC TILE COVE BASE 3'-4" AND WALL COATING

**PARTITION** SCALE:  $1 \frac{1}{2}'' = 1' - 0''$  **PARTITION** SCALE:  $1 \frac{1}{2}'' = 1' - 0''$

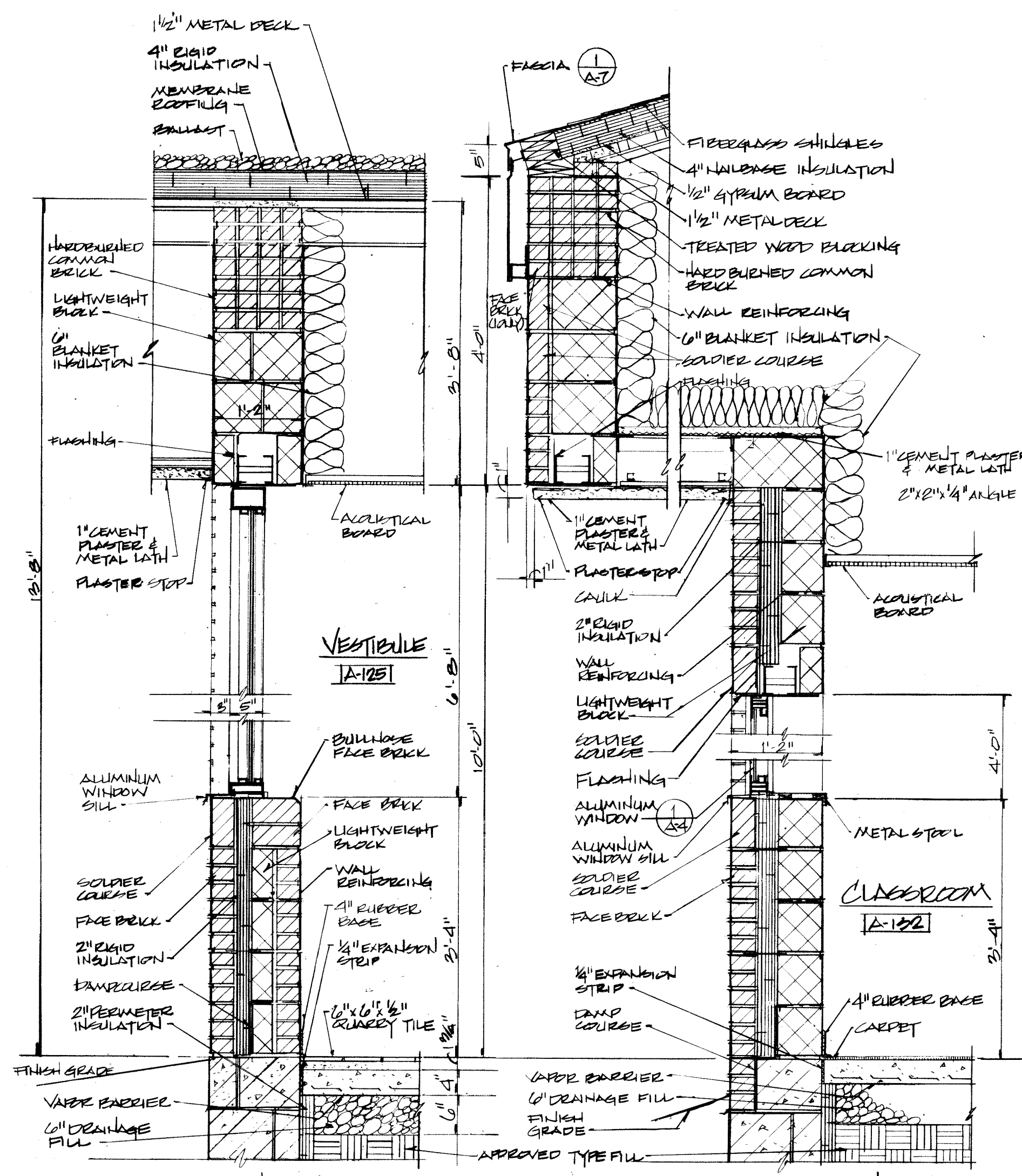






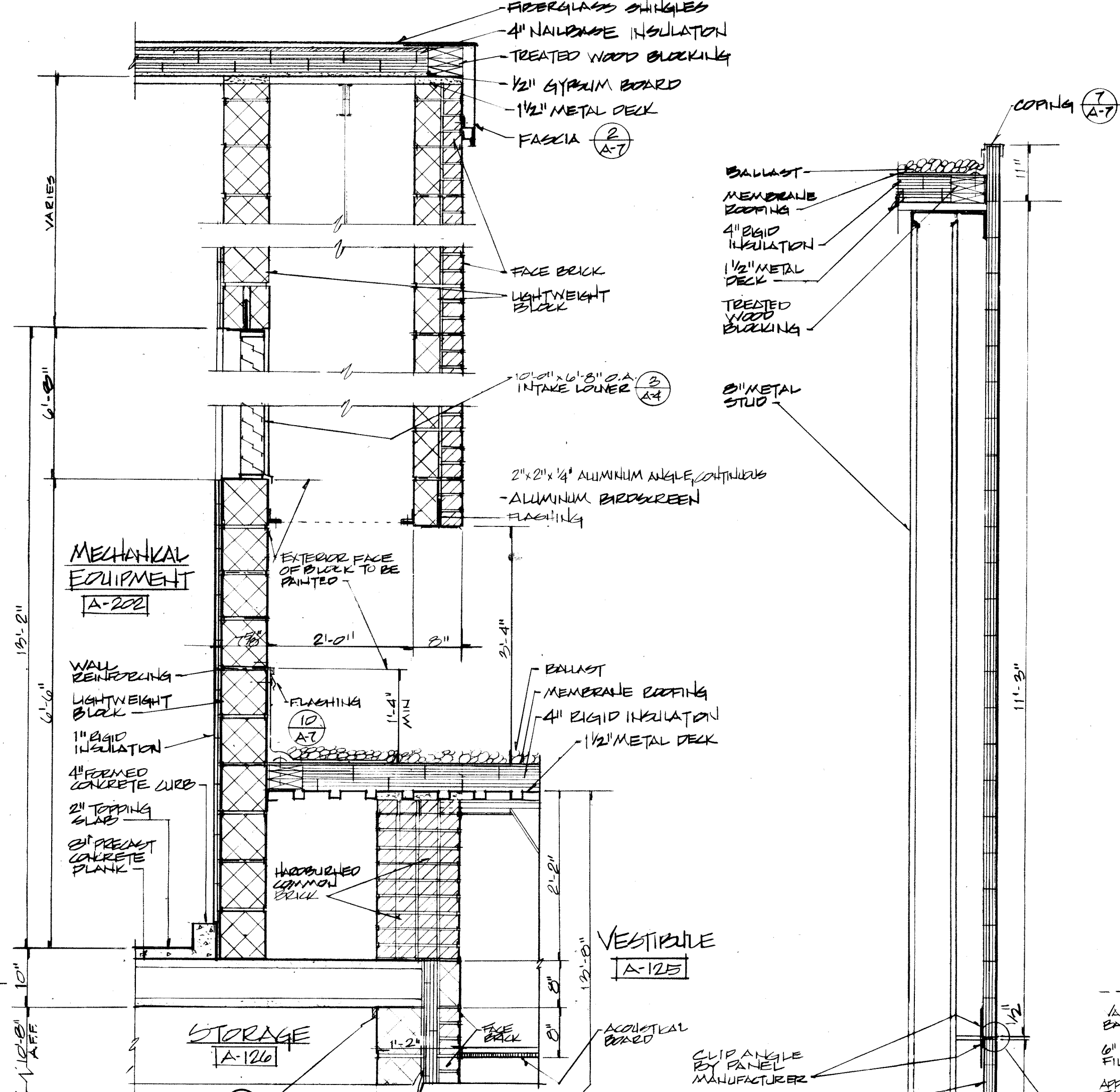


FASCIA #4  
SCALE: 3/4" = 1'-0" (A-11)

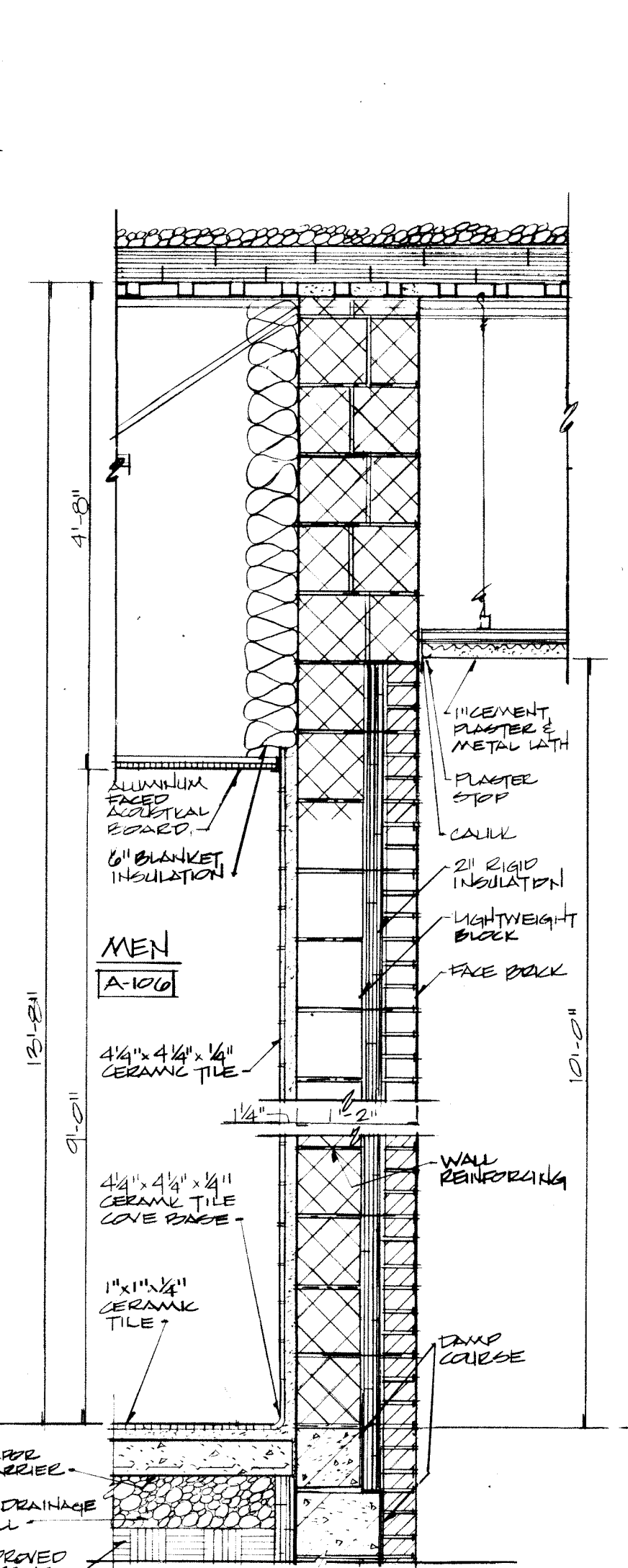


SECTION 10  
SCALE: 3/4" = 1'-0" (A-11)

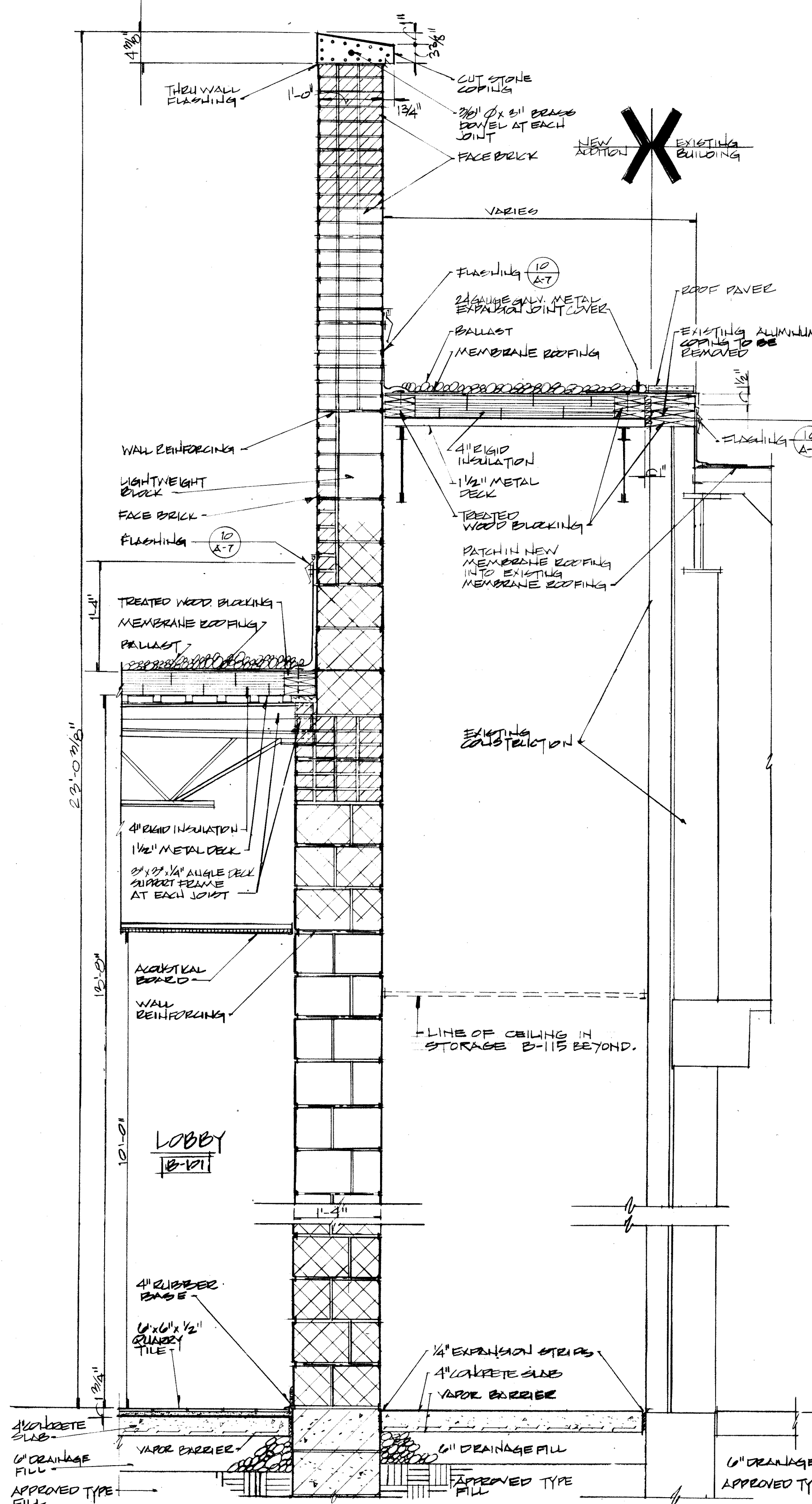
SECTION 9  
SCALE: 3/4" = 1'-0" (A-11)



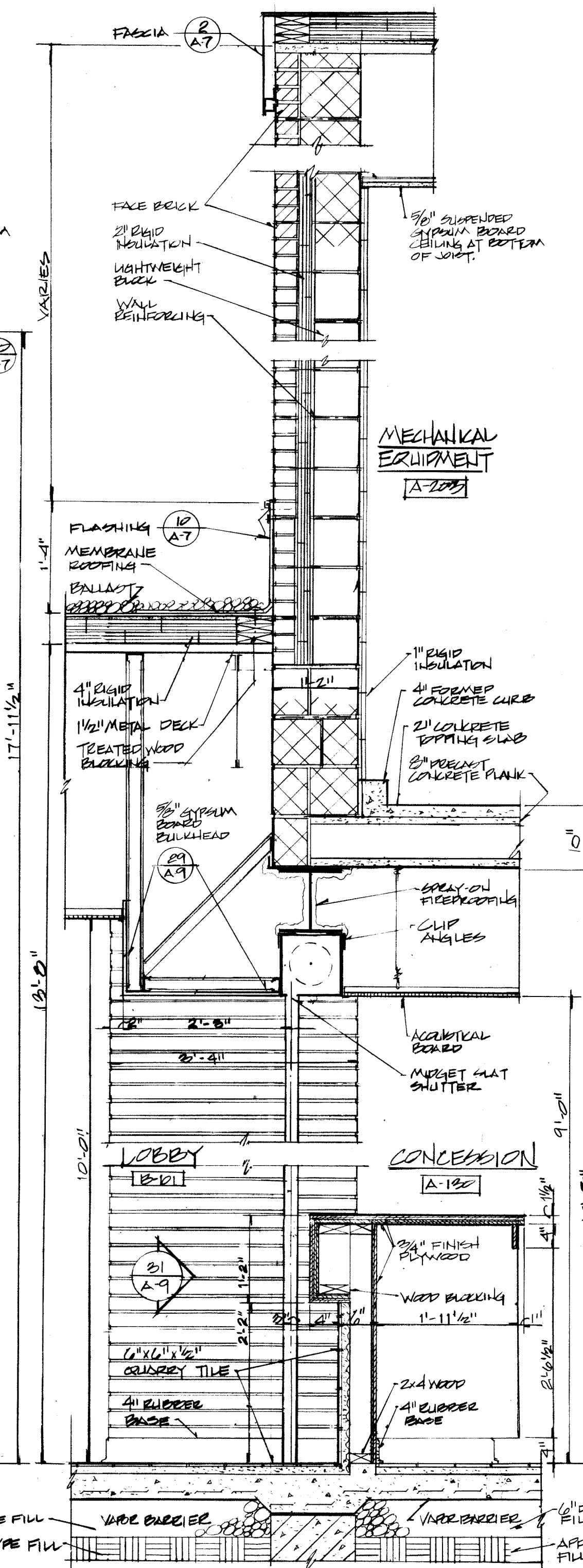
SECTION 8  
SCALE: 3/4" = 1'-0" (A-11)



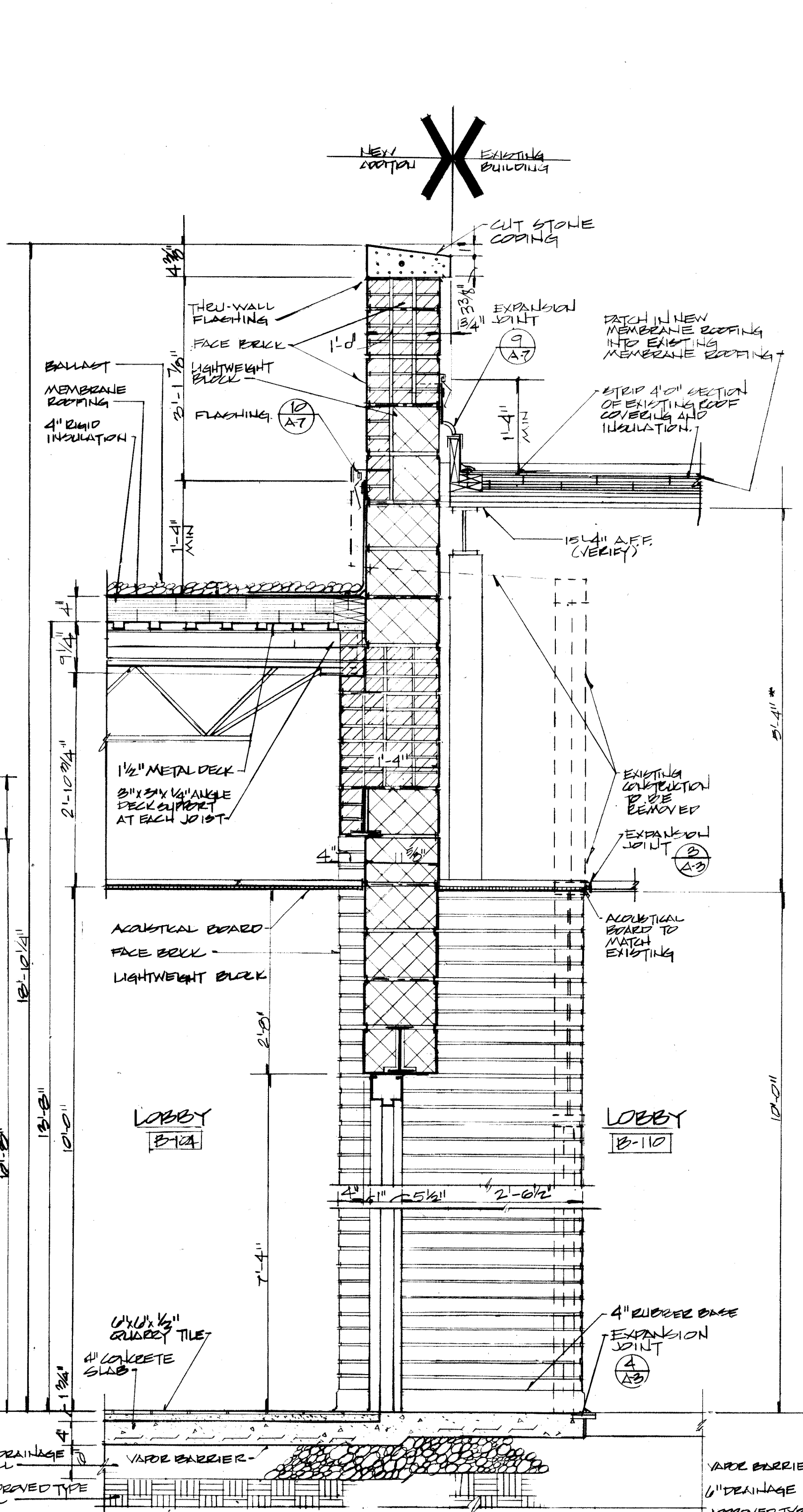
SECTION 7  
SCALE: 3/4" = 1'-0" (A-11)



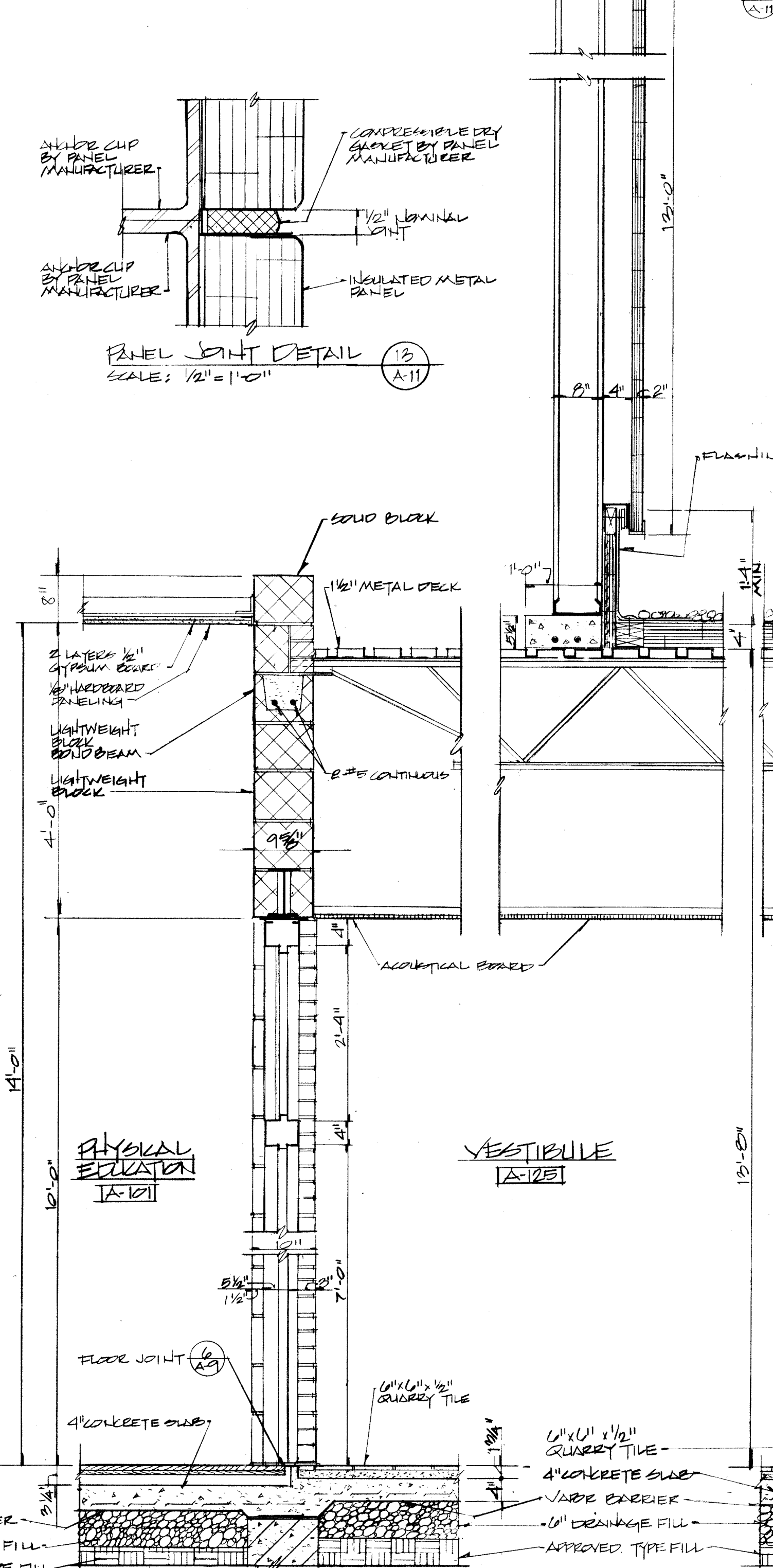
SECTION 6  
SCALE: 3/4" = 1'-0" (A-11)



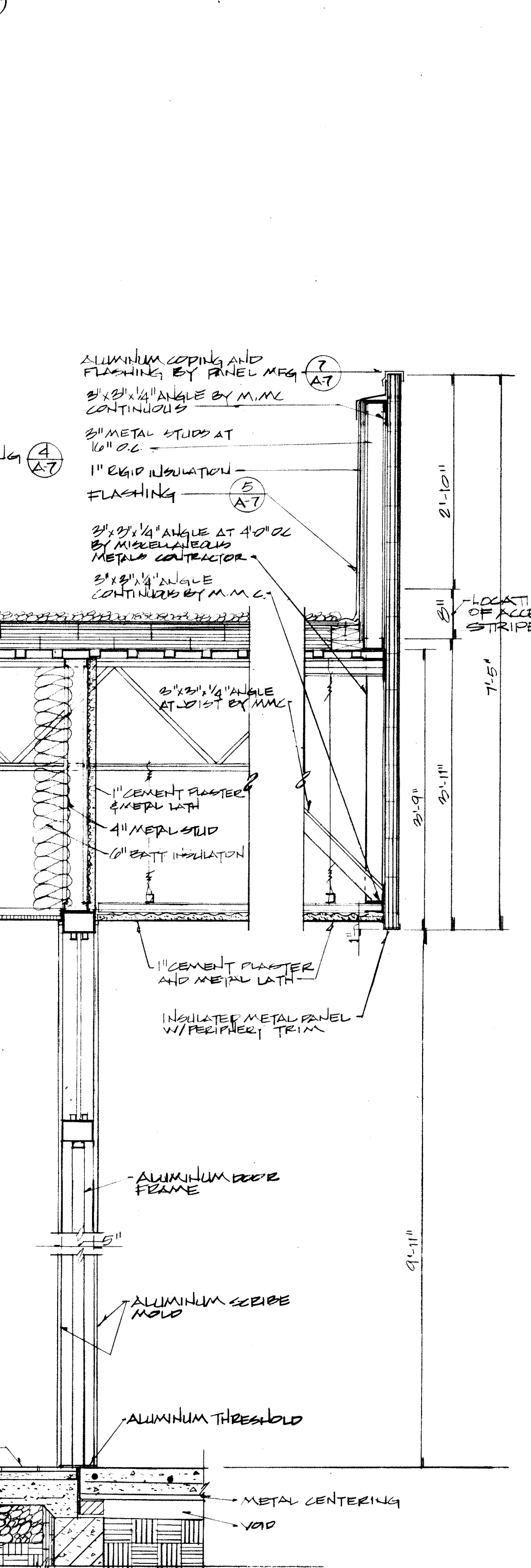
SECTION 5  
SCALE: 3/4" = 1'-0" (A-11)



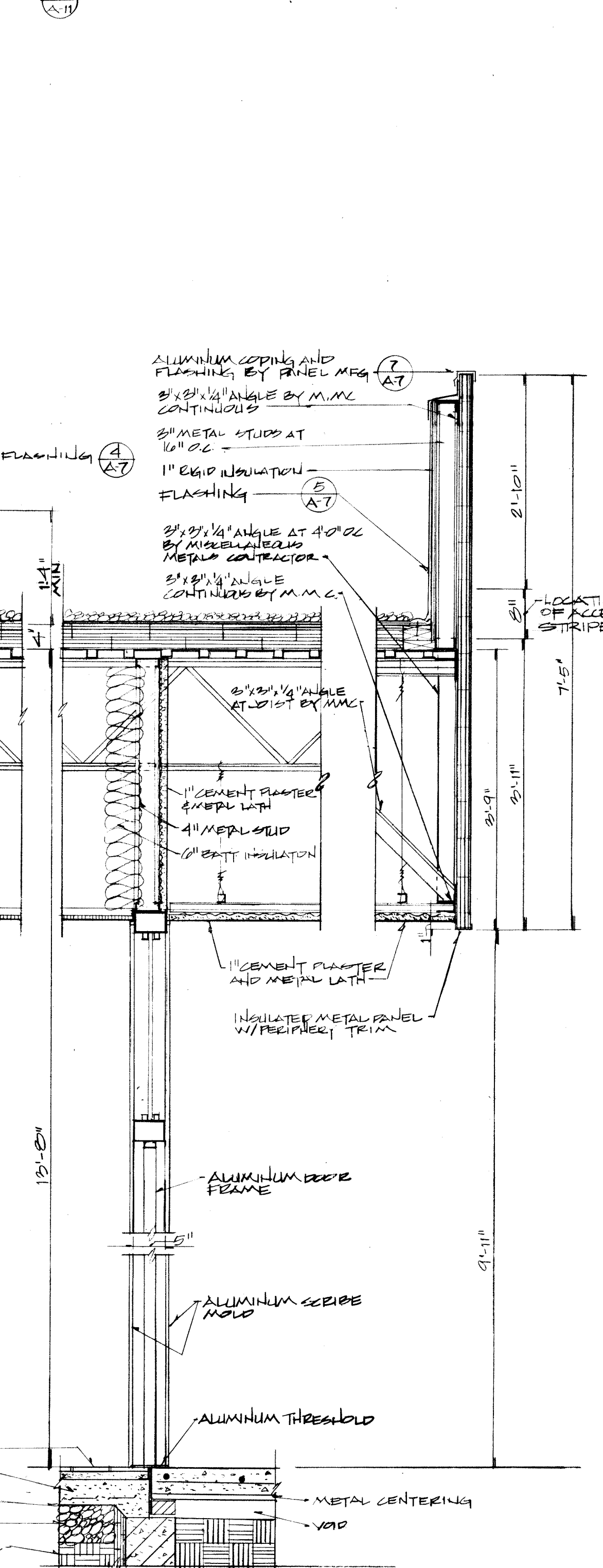
SECTION 4  
SCALE: 3/4" = 1'-0" (A-11)



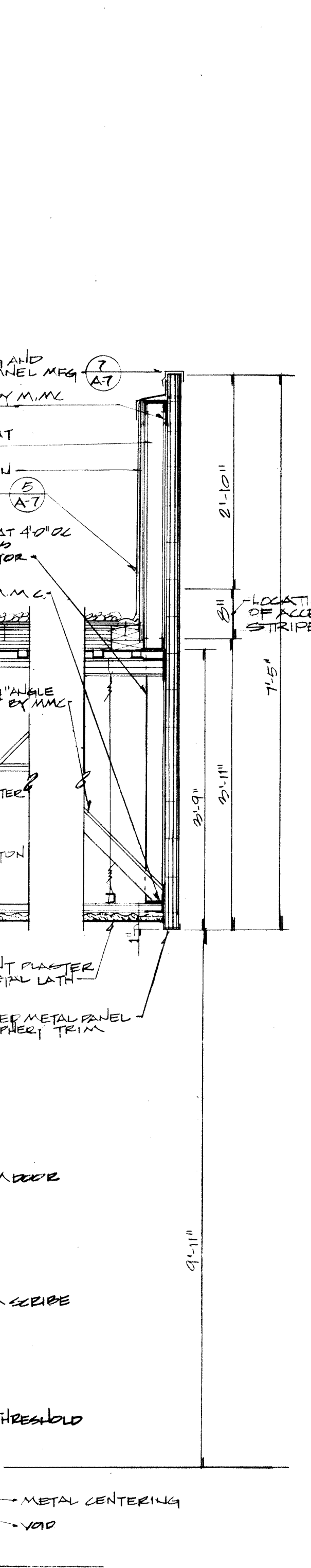
SECTION 3  
SCALE: 3/4" = 1'-0" (A-11)



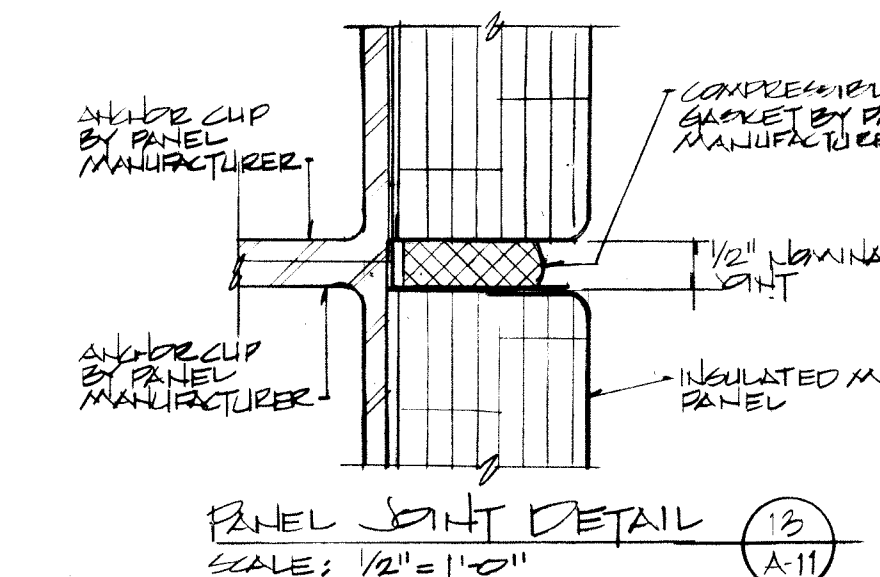
SECTION 2A  
SCALE: 3/4" = 1'-0" (A-11)



SECTION 1  
SCALE: 3/4" = 1'-0" (A-11)



SECTION 1A  
SCALE: 3/4" = 1'-0" (A-11)



PANEL JOINT DETAIL  
SCALE: 1/2" = 1'-0" (A-11)



James W. Roberts  
Professional Engineer  
No. 8535  
State of Indiana

PROJECT  
851-190  
DATE  
MAR. 24, 1986  
REVISED

NO. M-1  
OF 9

GENERAL NOTES  
(APPLY TO ALL SHEETS)

- ALL WORK SHOWN IS NEW AND BY THE MECHANICAL TRADES UNLESS OTHERWISE NOTED.
- ALL EXISTING BUILDING SURFACES, WALLS, FLOORS, ETC., WHICH ARE TO BE EXPOSED, DISTURBED, CUT OR PARTIALLY REMOVED BY THE MECHANICAL TRADES IN ABANDONING, REMOVING, RELOCATING, REPLACING, OR INSTALLING MECHANICAL EQUIPMENT, PIPING, DUCTWORK, ETC., WILL BE PATCHED AND REPAIRED BY THE PROPER CONTRACTOR AND PAID FOR BY THE MECHANICAL TRADES UNLESS OTHERWISE NOTED ON THE DRAWINGS. THE MECHANICAL TRADES SHALL COORDINATE THIS WORK WITH THE OTHER CONTRACTORS AND SHALL ONLY EXPOSE, DISTURB, CUT, OR REMOVE THE MINIMUM AREA OF SUCH SURFACES NECESSARY TO PERFORM HIS WORK.
- ALL DASHED LINES NOT OTHERWISE NOTED ON THE PLANS INDICATE LOCATION OF BULKHEADS, CANOPIES, OR ROOF OVERHANGS PROVIDED BY OTHERS.
- ALL WATER AND WASTE LINES UNDER THE FLOOR SLAB SHALL CONTINUE FULL SIZE OF THE HORIZONTAL RUN. THE VERTICAL SUPPLY RISER TO FIXTURES SHALL BE REDUCED TO THE SIZE REQUIRED BY THE FIXTURE FLUSH AT THE FLOOR OR WALL SURFACE.
- THE MECHANICAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AT THE JOB SITE AND ADJUST HIS WORK ACCORDING TO ANY VARIATIONS OR DEVIATIONS TO CONDITIONS SHOWN ON THE DRAWINGS.
- ALL THERMOSTATS SHALL BE APPROXIMATELY 4'-8" ABOVE FINISHED FLOOR AND LINED UP VERTICALLY WITH LIGHT SWITCHES UNLESS OTHERWISE NOTED OR DIRECTED BY THE ARCHITECT.
- ARROWS ON HOT WATER AND CHILLED WATER MAINS INDICATE DIRECTION OF FLOW. PITCH MAINS UP A MINIMUM OF 1" IN 50'-0" IN DIRECTION OF SUPPLY WATER FLOW.
- ALL AUTOMATIC TEMPERATURE REGULATING VALVES SHALL BE SIZED FOR FIVE POUND WATER PRESSURE DROP.
- PROVIDE DRAIN VALVES INSIDE ENCLOSURES OF ALL HEATING OR COOLING UNITS WHICH ARE SUPPLIED FROM OVERHEAD MAINS.
- ALL FAN COIL UNIT CONDENSATE DRAINS ABOVE GRADE SHALL BE TYPE 1" HARD COPPER TUBING AND SHALL BE SIZED AS FOLLOWS: 1" DRAIN FOR ONE COIL, 1-1/4" DRAIN FOR TWO COILS, 1-1/2" DRAIN FOR THREE COILS, 2" DRAIN FOR FOUR OR MORE COILS. ALL BELOW GRADE DRAINS SHALL BE 2" EXTRA HEAVY CAST IRON SOIL PIPE AND SHALL SLOPE 1/8" PER FOOT UNLESS OTHERWISE NOTED.
- HEATING AND COOLING RUNOUTS TO CONVECTORS AND FAN COIL UNITS SHALL BE 3/4" FOR UNITS UNDER 4 GPM AND 1" FOR UNITS OVER 4 GPM, AND 1" TO ALL FINNED TUBE, CABINET HEATERS, AND UNIT HEATERS UNLESS OTHERWISE NOTED.
- ALL OUTDOOR AIR INTAKE DUCTWORK SHALL BE LINED WITH 1" INSULATION. ALL LOW VELOCITY HEATING AND VENTILATING SUPPLY DUCTWORK TERMINATING AT DIFFUSERS AND REGISTERS SHALL BE LINED WITH 1/2" INSULATION. ALL RETURN DUCTWORK SHALL BE LINED WITH 1/2" INSULATION. ALL EXHAUST DUCTWORK SHALL BE INSULATED WHERE NOTED ON DRAWINGS.
- ALL DUCTWORK AND PIPING RUN ABOVE CEILING SHALL BE RUN TO AVOID LIGHTING FIXTURES, JOISTS, BEAMS, ETC., AS APPROVED BY THE ARCHITECT.
- ALL SHEET METAL DUCTWORK RUN ABOVE THE ROOF SHALL BE 20 GAUGE (MINIMUM) UNLESS OTHERWISE NOTED.
- PROVIDE ACCESS PANEL AND BAFFLES IN ALL AIR HANDLING UNIT MIXING BOXES.
- ALL SANITARY AND STORM DRAINS INSIDE OF THE BUILDING SHALL SLOPE A MINIMUM OF 1/4" PER FOOT UNLESS OTHERWISE NOTED.
- ALL DOMESTIC WATER BRANCH PIPING SHOWN RUNNING HORIZONTALLY IN CEILING SPACE, BELOW FLOOR SLAB, ETC. SHALL BE A MINIMUM 3/4" SIZE.
- ALL STORM SEWERS 12" IN DIAMETER AND LARGER SHALL BE CONCRETE PIPE, SEE SPECIFICATIONS.
- VALVE ALL CHILLED WATER, HEATING SYSTEM WATER AND DOMESTIC WATER BRANCHES IN FAN ROOMS AND MECHANICAL ROOMS. THE MECHANICAL CONTRACTOR SHALL ALSO PROVIDE AND INSTALL VALVES IN ALL SYSTEMS AS REQUIRED TO FACILITATE THE OPERATION OF VARIOUS SYSTEMS DURING CONSTRUCTION.
- ALL PIPING IN PIPE SPACES AND TUNNELS SHALL BE RUN AS CLOSE TO WALLS AS POSSIBLE TO ALLOW MAXIMUM ACCESS.
- ALL DOMESTIC WATER PIPING HEADERS LOCATED IN PIPE CHASES SHALL BE THE SAME SIZE AS THE BRANCH MAIN DROPS INDICATED ON THE DRAWINGS AND ALL AIR CHAMBERS LOCATED IN PIPE CHASES SHALL BE ONE PIPE SIZE LARGER THAN THE BRANCH MAIN DROPS.
- THERMOSTATS IN MECHANICAL EQUIPMENT ROOMS SHALL BE SET AT 50°F.

PLUMBING FIXTURE SCHEDULE									
ITEM	FIXTURE	WASTE	VENT	C.W.	H.W.	FIXTURE MOUNTING HEIGHT			
P-1	WATER CLOSET	4"	2"	1"	---	15" TO RIM			
P-2	URINAL	2"	1 1/2"	3/4"	---	20" TO RIM			
P-3	LAVATORY	1 1/2"	1 1/2"	1/2"	1/2"	31" TO RIM			
P-4	LAVATORY	1 1/2"	1 1/2"	1/2"	1/2"	31" TO RIM			
P-5	SERVICE SINK	3"	1 1/2"	3/4"	3/4"	STANDARD			
P-6	MOP SINK	3"	1 1/2"	3/4"	---	FLOOR MOUNTED			
P-7	WATER COOLER	1 1/2"	1 1/2"	1/2"	---	40" TO RIM			
P-8	DRINKING FOUNTAIN & CUSPIDOR	1 1/2"	1 1/2"	1/2"	---	40" TO RIM			
P-9	SHOWER HEAD & MIXING VALVE	---	---	1/2"	1/2"	6'-0" TO SHOWER HEAD			
P-10	SHOWER HEAD & SHUT-OFF VALVE	---	---	1/2"	1/2"	6'-0" TO SHOWER HEAD			
P-11	CABINET SINK	1 1/2"	1 1/2"	1/2"	1/2"	STANDARD			
P-12	CABINET SINK	1 1/2"	1 1/2"	1/2"	1/2"	STANDARD			
P-13	WHEEL CHAIR WATER FOUNTAIN	1 1/2"	1 1/2"	1/2"	---	33" TO SPOUT			
P-14	ICE MACHINE	---	---	1/2"	---	---			

NOTES:

- ALL BRANCH SIZES SHOWN IN THE ABOVE SCHEDULE ARE INDIVIDUAL BRANCH SIZES TO FLUSH VALVES, FAUCETS, BUBBLERS, ETC.
- WATER CLOSETS AND URINALS SHALL BE FLUSH VALVE OPERATED.
- MECHANICAL CONTRACTOR SHALL CONSULT WITH THE ARCHITECT'S REPRESENTATIVE BEFORE ROUGHING-IN ANY WATER CLOSETS.
- ALL FIXTURES, INCLUDING DRINKING FOUNTAINS AND WATER COOLERS, SHALL HAVE A CHROME-PLATED KEY OPERATED VALVE EXPOSED AT THE FIXTURE.
- PROVIDE 3/4" CHROME-PLATED HOSE BIBB UNDER EACH BATTERY OF LAVATORIES.

COPPER FIN TUBE RADIATION SCHEDULE									
TYPE	SHAW-WALKER MODEL NUMBER	BTU PER FOOT	TUBE DIA.	FIN SIZE	NUMBER OF ROWS	FIN PER FOOT	TYPE OF COVER	SEE NOTE	
A	DCL-1	1750	1 1/4"	1 1/4" X 4 1/4"	1	40	CROWNLINE	1	

NOTES:

- HEATING CAPACITIES ARE BASED ON 70°F. ENTERING AIR, 20°F. TEMPERATURE DROP, 210°F. ENTERING WATER.

AIR HANDLING UNIT SCHEDULE									
NO.	AREA SERVED	TYPE	TRANE MODEL NUMBER	CFM STANDARD AIR	MAXIMUM OUTLET VELOCITY FPM	MINIMUM EXTERNAL STATIC PRESSURE WATER COLUMN	MINIMUM FAN MOTOR HP	MINIMUM PERCENT OF OUTDOOR AIR	SEE NOTE
A-1	GYMNASIUM	HEATING & VENTILATING	25	16000	820	1.0	15	20%	1, 2, 3, 4
A-2	GYMNASIUM	HEATING & VENTILATING	25	16000	820	1.0	15	20%	1, 2, 3, 4
A-3	GYMNASIUMS	HEATING & VENTILATING	6	3650	728	1.0	3	20%	1, 2, 3, 4
A-4	GYMNASIUMS	HEATING & VENTILATING	6	3650	728	1.0	3	20%	1, 2, 3, 4
A-5	WRESTLING	HEATING & VENTILATING	8	5000	674	1.0	5	25%	1, 2, 3, 4
A-6	LOCKER ROOMS	HEATING & VENTILATING	12	6750	642	1.0	5	0-100%	1, 2, 3, 4

NOTES:

- ALL EQUIPMENT SHALL BE SELECTED IN STRICT ACCORDANCE WITH THE MAXIMUM AND MINIMUM QUANTITIES SHOWN.
- UNIT SHALL HAVE BLOW-THRU ARRANGEMENT.
- MOTOR DATA: 460 VOLTS, 3 PHASE, 60 HERTZ, 1750 RPM.
- UNITS SHOULD BE COMPLETE WITH FULL DRAIN PAN TO FACILITATE FUTURE CLEANING AND WASHDOWN.

AIR HANDLING UNIT HEATING COIL SCHEDULE									
NO.	CFM STANDARD AIR	TOTAL LOAD BTU	ENTERING AIR DRY BULB °F.	LEAVING AIR DRY BULB °F.	WATER MAXIMUM GPM	MAXIMUM PRESSURE DROP (FT.)	AIR FRICTION LOSS IN. W.C.	MAXIMUM FACE VELOCITY FPM	SEE NOTE
A-1	16000	885,360	54°	105°	45.6	1.7	0.27	665	162 2 1, 2, 3
A-2	16000	885,360	54°	105°	45.6	1.7	0.27	665	162 2 1, 2, 3
A-3	3650	201,970	54°	105°	10.4	0.1	0.33	649	86 2 1, 2, 3
A-4	3650	201,970	54°	105°	10.4	0.1	0.33	649	86 2 1, 2, 3
A-5	5000	298,400	50°	105°	15.4	0.1	0.37	667	101 2 1, 2, 3
A-6	6750	256,300	70°	105°	13.2	0.1	0.17	578	118 2 1, 2, 3

NOTES:

- CAPACITIES ARE BASED ON -10 F. OUTDOOR AIR, TO F. ROOM AIR AND 210 F. ENTERING WATER.
- ALL EQUIPMENT SHOWN SHALL BE SELECTED IN STRICT ACCORDANCE WITH THE MAXIMUM AND MINIMUM QUANTITIES SHOWN.
- STANDARD SERPENTINE COIL.

INLINE EXHAUST FAN SCHEDULE									
NO.	AREA EXHAUSTED	JENN-AIR MODEL NUMBER	C.F.M.	SP. OF W.C.	R.P.M.	H.P.	VOLTS	Ø	SEE NOTE
1	A-112	1251LB	2096	3/8"	1800	3/4	460	3	1H2-31 ZONE #3 1, 2, 3
2	A-106, A-107, A-110 A-113, A-114	1211LB	680	3/8"	900	1/6	115	1	1L3-11 ZONE #3 1, 2, 3
3	A-117	1231LB	1348	3/8"	1300	1/3	115	1	1L3-11 ZONE #3 1, 2, 3
4	A-115, A-116	1221LB	881	3/8"	1060	1/4	115	1	1L3-13 ZONE #3 1, 2, 3
5	A-118, A-119, A-121	1211LB	900	3/8"	900	1/6	115	1	1L3-13 ZONE #3 1, 2, 3
6	A-126, A-127	1231LB	1279	3/8"	1260	1/3	115	1	1L2-7 ZONE #5 1, 2, 3
7	A-105, A-135, A-137	1231LB	1348	3/8"	1348	1/3	115	1	1L3-17 ZONE #2 1, 2, 3
8	A-102, A-103	1221LB	1174	3/8"	1200	1/4	115	1	1L4-13 ZONE #1 1, 2, 3
9	A-107, A-108	1231LB	1531	3/8"	1410	1/3	115	1	1L3-15 H 1, 2, 3, 4
10	A-128 VENTILATION TRENCH	1221LB	1280	3/8"	1260	1/4	115	1	1L2-18 H 1, 2, 3, 4

NOTES:

- CONTROL DESIGNATIONS: (Z) FAN TO BE CONTROLLED AUTOMATICALLY BY TEMPERATURE CONTROL ZONE SHOWN; (M) FAN TO BE CONTROLLED BY MANUAL SWITCH PROVIDED BY THE ELECTRICAL CONTRACTOR; (H) FAN TO BE CONTROLLED BY HUMIDISTAT PROVIDED BY ELECTRICAL CONTRACTOR.
- FAN SHALL HAVE VIBRATION ISOLATORS AS RECOMMENDED BY THE FAN MANUFACTURER AND AS APPROVED BY THE ARCHITECT.
- ALL HANGERS, RODS, PLATFORMS, ETC., REQUIRED TO SUSPEND FANS SHALL BE FURNISHED BY THE VENTILATING CONTRACTOR.
- FAN IS CONTROLLED AUTOMATICALLY BY HUMIDISTAT FURNISHED BY ELECTRICAL CONTRACTOR AND INSTALLED IN THE WOOD FLOOR VENTILATION TRENCH.

DIFFUSER SCHEDULE				
TYPE	KRUEGER MODEL NUMBER	NECK SIZE	PATTERN	DAMPER SIZE
A	SH-4-080-FR23	9" X 9"	4-WAY	9" X 9"
B	SH-4-080-FR23	15" X 15"	4-WAY	15" X 15"
C	SH-4-080-FR23	18" X 18"	4-WAY	18" X 18"
D	SH-4-080-FR23	21" X 21"	4-WAY	24" X 24"

NOTES:

- DIFFUSER SHALL BE FULLY ADJUSTABLE.

UNIT HEATER SCHEDULE									
NO.	ROOM SERVED	MODEL NUMBER	TYPE AND ARRANGEMENT	M.B.H.	FAN SPEED R.P.M.	WATER RATE G.P.M.	POWER CIRCUIT	C.F.M. STANDARD AIR	SEE NOTE
1	A-204	60-S	HORIZONTAL	34.6	1550	3.5	1L4-11	815	1, 2
2	A-205	60-S	HORIZONTAL	34.6	1550	3.5	1L4-11	815	1, 2
3	A-201	60-S	HORIZONTAL	34.6	1550	3.5	1L3-14	815	1, 2
4	A-202	60-S	HORIZONTAL	34.6	1550	3.5	1L2-15	815	1, 2
5	A-203	60-S	HORIZONTAL	34.6	1550	3.5	1L1-21	815	1, 2

NOTES:

- HEATING CAPACITIES ARE BASED ON 70°F. ENTERING AIR AND 210°F. ENTERING WATER. FINAL AIR TEMPERATURE SHALL BE 110°F. TO 140°F.
- MOTORS SHALL BE MULTI-SPEED, 120 VOLTS, 1 PHASE, 60 HERTZ.

CLASSROOM UNIT VENTILATOR SCHEDULE									
NO.	ROOM SERVED	TYPE	TRANE MODEL NUMBER	MINIMUM OF OUTDOOR AIR	H.P.	V.	Ø	HEATING CAPACITY MBH	SEE NOTE
1	A-131	TN	TUV12	12%	1/4	115	1	32.1	1, 2, 3, 4, 5
2	A-132	TN	TUV12	12%	1/4	115	1	32.1	1, 2, 3, 4, 5
3	A-133	TN	TUV12	12%	1/4	115	1	32.1	1, 2, 3, 4, 5

NOTES:

- HEATING CAPACITIES ARE BASED ON ONE ROW AUXILIARY HEATING COIL, 70°F. RETURN AIR, -10°F. OUTDOOR AIR AND 210°F. ENTERING WATER. COOLING CAPACITIES ARE BASED ON 42°F. ENTERING WATER.
- MOTOR SHALL BE MULTI-SPEED.
- PROVIDE ACCESSIBLE HOSE BIBB IN CABINET FOR SYSTEM DRAIN.
- OUTDOOR AIR INTAKE LOUVER BY ROOFING CONTRACTOR.
- HIGH CAPACITY COIL.

FAN COIL UNIT SCHEDULE									
NO.	ROOM SERVED	TRANE MODEL NUMBER	CABINET TYPE	POWER CIRCUIT	C.F.M.	SENSIBLE MBH	TOTAL MBH	HEATING CAPACITIES MBH	SEE NOTE
1	A-138	B22AL03	VERTICAL	1L1-32	300	6.95	9.90	1.95	1, 2, 3
2	A-139	B22AL02	VERTICAL	1L1-32	200	4.65	5.90	1.25	1, 2, 3
3	B-102	B22AL03	VERTICAL	1L1-32	300	6.95	9.90	1.95	1, 2, 3

NOTES:

- HEATING CAPACITIES ARE BASED ON ONE ROW AUXILIARY HEATING COIL, 70°F. ENTERING AIR, 210°F. ENTERING WATER AND HIGH SPEED OPERATION.
- COOLING CAPACITIES ARE BASED ON 42°F. ENTERING WATER.
- MOTOR SHALL BE MULTI-SPEED, 120 VOLTS, 1 PHASE, 60 HERTZ.

CABINET HEATER SCHEDULE									
NO.	ROOM SERVED	TRANE MODEL NUMBER	TYPE AND ARRANGEMENT	MBH	FAN SPEED RPM	WATER RATE GPM	POWER CIRCUIT	CFM STANDARD AIR	SEE NOTE
1	A-103	D16A006	HORIZONTAL CABINET	35.8	700	1.50	1L4-7	370	1, 2, 3
2	A-105	D16A002	HORIZONTAL CABINET	13.1	700	0.75	1L3-10	145	1, 2, 3
3	A-135	E46A002	HORIZONTAL RECESSED	13.1	700	0.75	1L3-10	145	1, 2, 3
4	A-108	E46A003	HORIZONTAL RECESSED	19.7	700	1.00	1L3-9	200	1, 2, 3
5	A-123	E46A003	HORIZONTAL RECESSED	19.7	700	1.00	1L2-14	200	1, 2, 3
6	A-125	E46A008	HORIZONTAL RECESSED	48.3	525	3.00	1L2-11	570	1, 2, 3
7	A-127	D16A002	HORIZONTAL CABINET	13.1	700	0.75	1L2-11	145	1, 2, 3
8	A-134	E46A008	HORIZONTAL RECESSED	48.3	525	3.00	1L4-7	570	1, 2, 3
9	A-112	H46A002	VERTICAL RECESSED	13.1	700	0.75	1L3-9	145	1, 2, 3
10	A-117	H46A002	VERTICAL RECESSED	13.1	700	0.75	1L2-14	145	1, 2, 3
11	B-101	E46A008	HORIZONTAL RECESSED	48.3	525	3.00	1L1-33	570	1, 2, 3
12	B-101	E46A008	HORIZONTAL RECESSED	48.3	525	3.00	1L1-33	570	1, 2, 3
13	B-101	E46A008	HORIZONTAL RECESSED	48.3	525	3.00	1L1-33	570	1, 2, 3
14	B-101	E46A008	HORIZONTAL RECESSED	48.3	525	3.00	1L1-34	570	1, 2, 3
15	B-104	E46A008	HORIZONTAL RECESSED	48.3	525	3.00	1L1-34	570	1, 2, 3
16	B-104	E46A008	HORIZONTAL RECESSED	48.3	525	3.00	1L1-34	570	1, 2, 3

NOTES:

- HEATING CAPACITIES ARE BASED ON 70°F. ENTERING AIR, AND 210°F. ENTERING WATER AT LOW SPEED OPERATION. FINAL AIR TEMPERATURE SHALL BE 110°F. TO 140°F.
- MOTORS SHALL BE MULTI-SPEED 115 VOLT, 1 PHASE, 60 HERTZ.
- PROVIDE ACCESSIBLE HOSE BIBB IN CABINET FOR SYSTEM DRAIN.

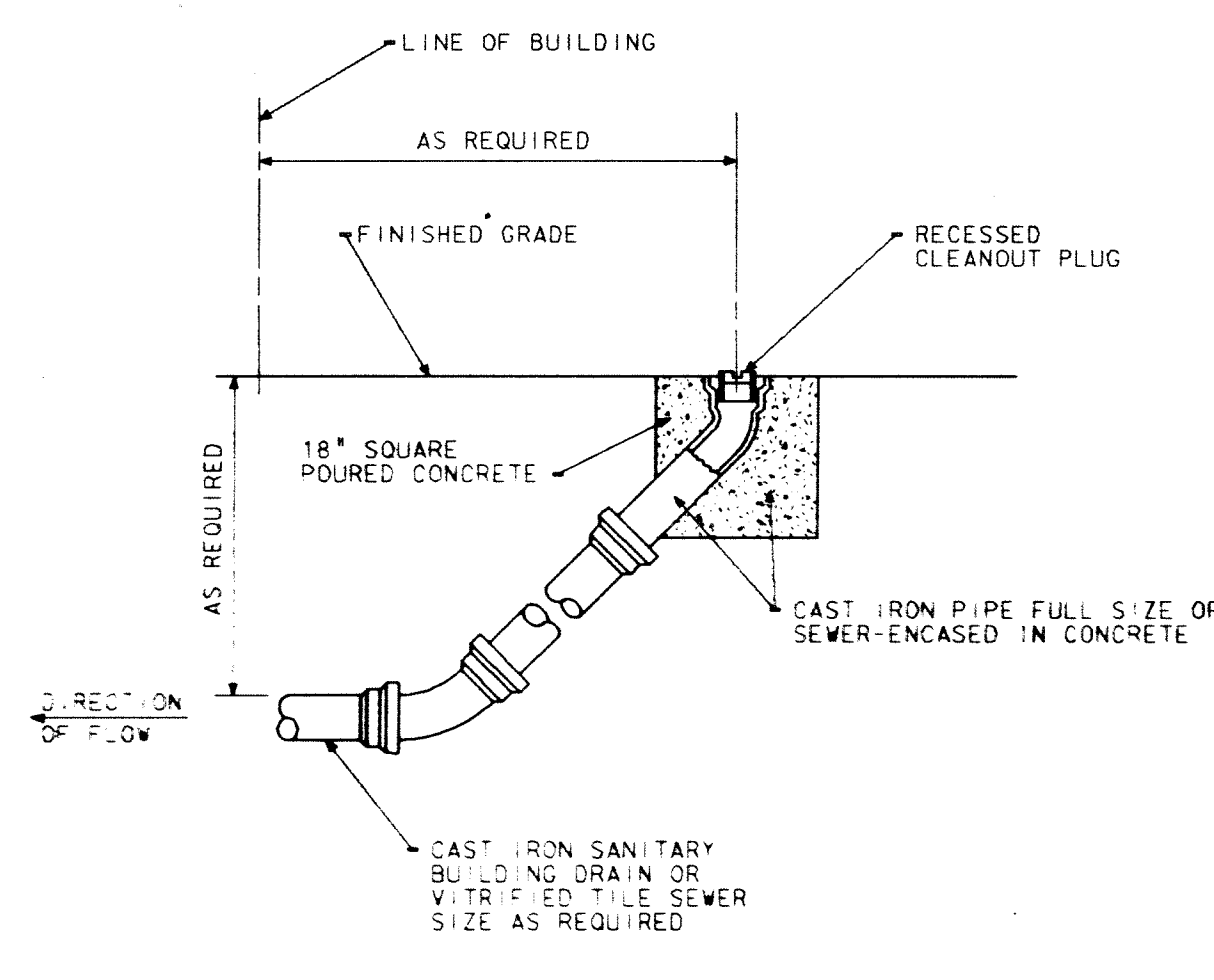
CONVECTOR SCHEDULE								
NO.	ROOM SERVED	AIRTHERM MODEL NUMBER	DEPTH	LENGTH	HEIGHT	M. B. H.	WALL RECESS DEPTH	SEE NOTE
1	A-102	FRG	4"	36"	24"	3.9	4"	1, 2
2	A-106	FRG	4"	48"	32"	6.4	4"	1, 2
3	A-107	FRG	4"	48"	32"	6.4	4"	1, 2
4	A-110	FRG	4"	20"	24"	1.9	4"	1, 2
5	A-114	FRG	4"	20"	24"	1.9	4"	1, 2
6	A-118	FRG	4"	20"	24"	1.9	4"	1, 2
7	A-121	FRG	4"	20"	24"	1.9	4"	1, 2
8	A-126	FRG	4"	36"	24"	3.9	4"	1, 2
9	A-136	FRG	4"	20"	24"	1.9	4"	1, 2
10	A-140	FRG	4"	20"	24"	1.9	4"	1, 2
11	A-141	FRG	4"	20"	24"	1.9	4"	1, 2
12	B-115	FRG	4"	36"	24"	3.9	4"	1, 2
13	B-103	FRG	4"	20"	24"	1.9	4"	1, 2
14	B-107	FRG	4"	20"	24"	1.9	4"	1, 2
15	B-108	FRG	4"	44"	32"	5.8	4"	1, 2
16	A-109	FRG	4"	20"	24"	1.9	4"	1, 2

NOTES:

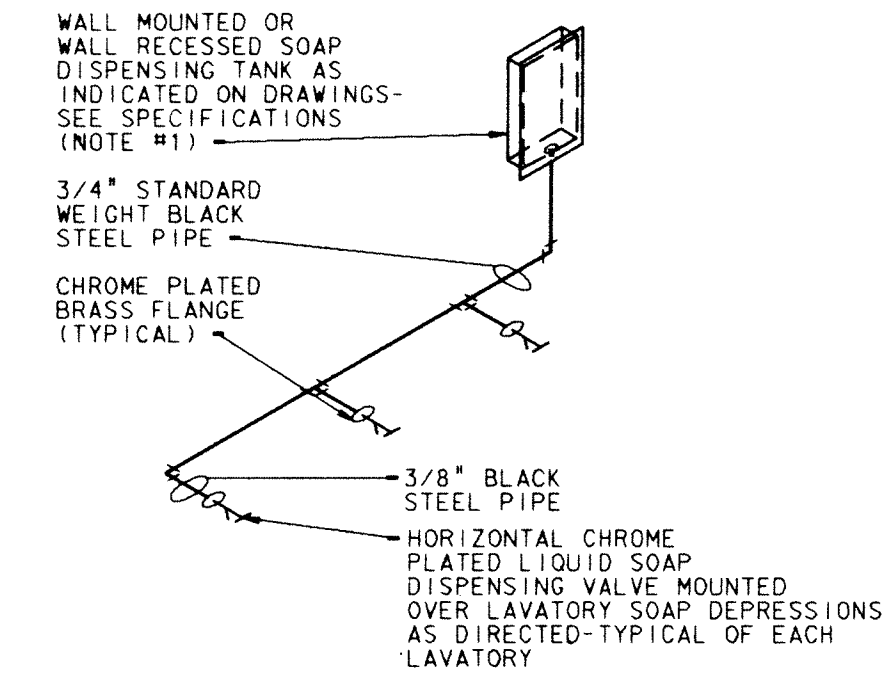
1. HEATING CAPACITIES ARE BASED ON 20 °F. WATER TEMPERATURE DROP, 70°F. ENTERING AIR 210°F. ENTERING WATER TEMPERATURE.

2. PROVIDE ACCESSIBLE HOSE BIBB IN CABINET FOR SYSTEM DRAIN.



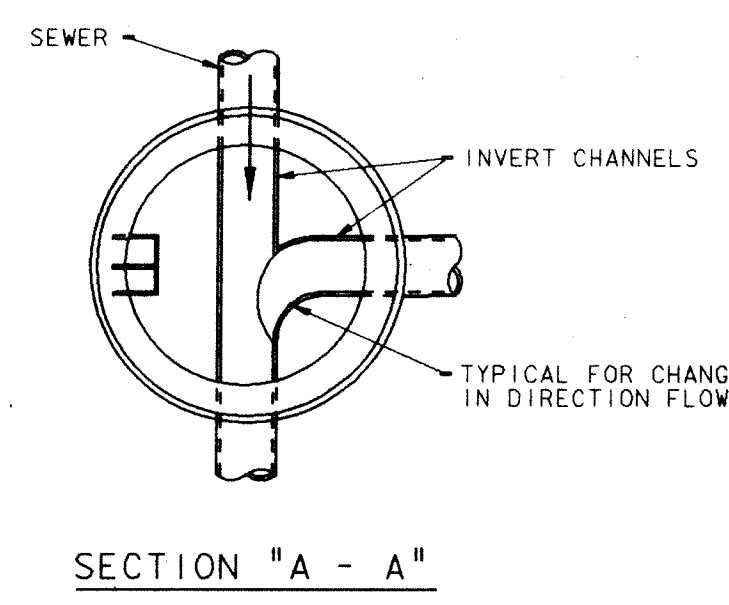


DETAIL OF TYPICAL OUTSIDE CLEANOUT  
NO SCALE

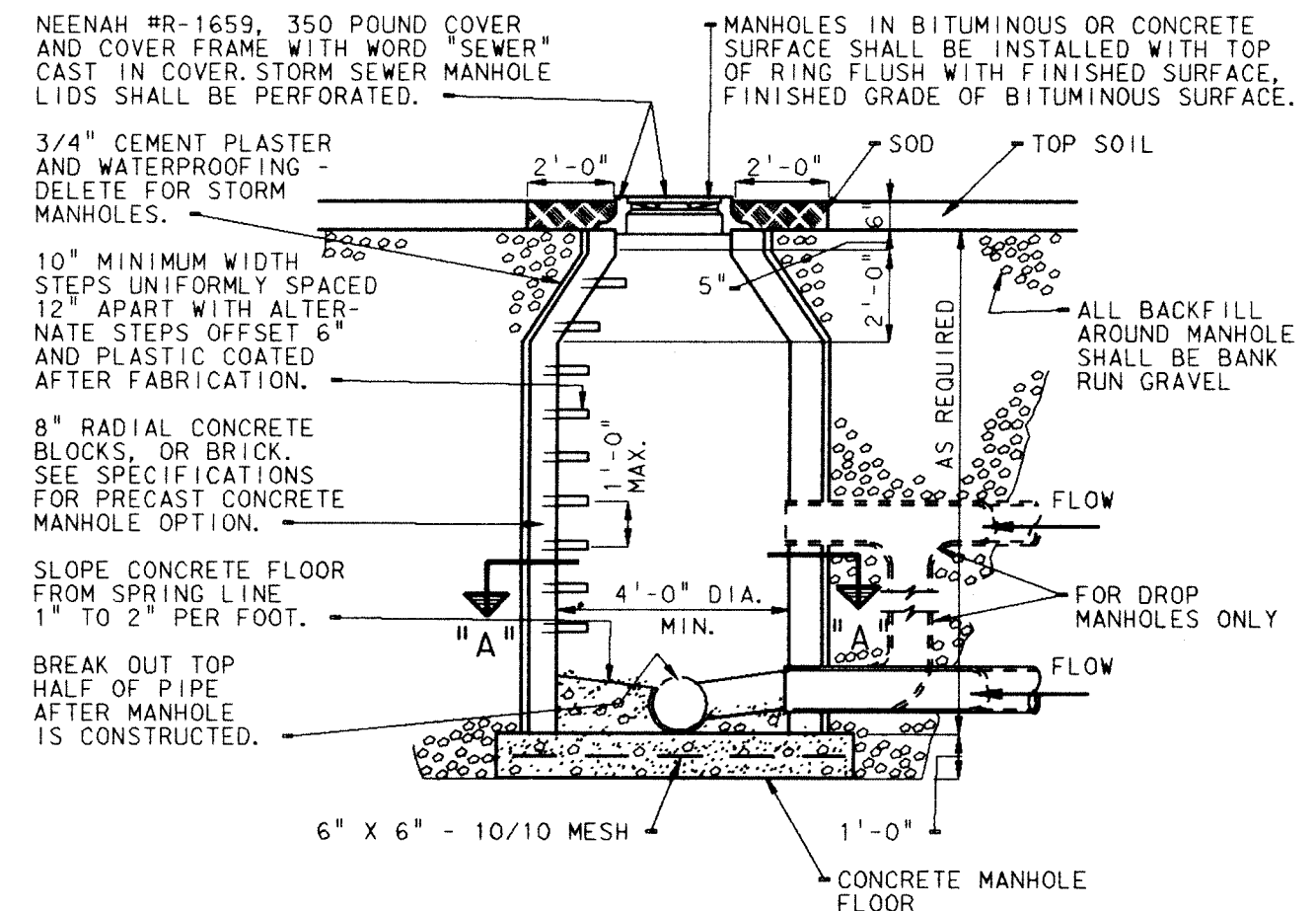


NOTES:  
1. TOP OF SOAP TANK SHALL BE LOCATED 6'-6" ABOVE FLOOR.  
2. THE NUMBER OF SOAP DISPENSING VALVES AND PIPING LAYOUT VARIES ACCORDING TO INDIVIDUAL TANK LOCATIONS AS SHOWN ON THE PLANS. SOAP SUPPLY PIPE HEADERS IS 3/4" STANDARD WEIGHT BLACK STEEL WITH 3/8" BLACK STEEL PIPE BRANCHES TO INDIVIDUAL SOAP DISPENSING VALVES AT ALL LOCATIONS.

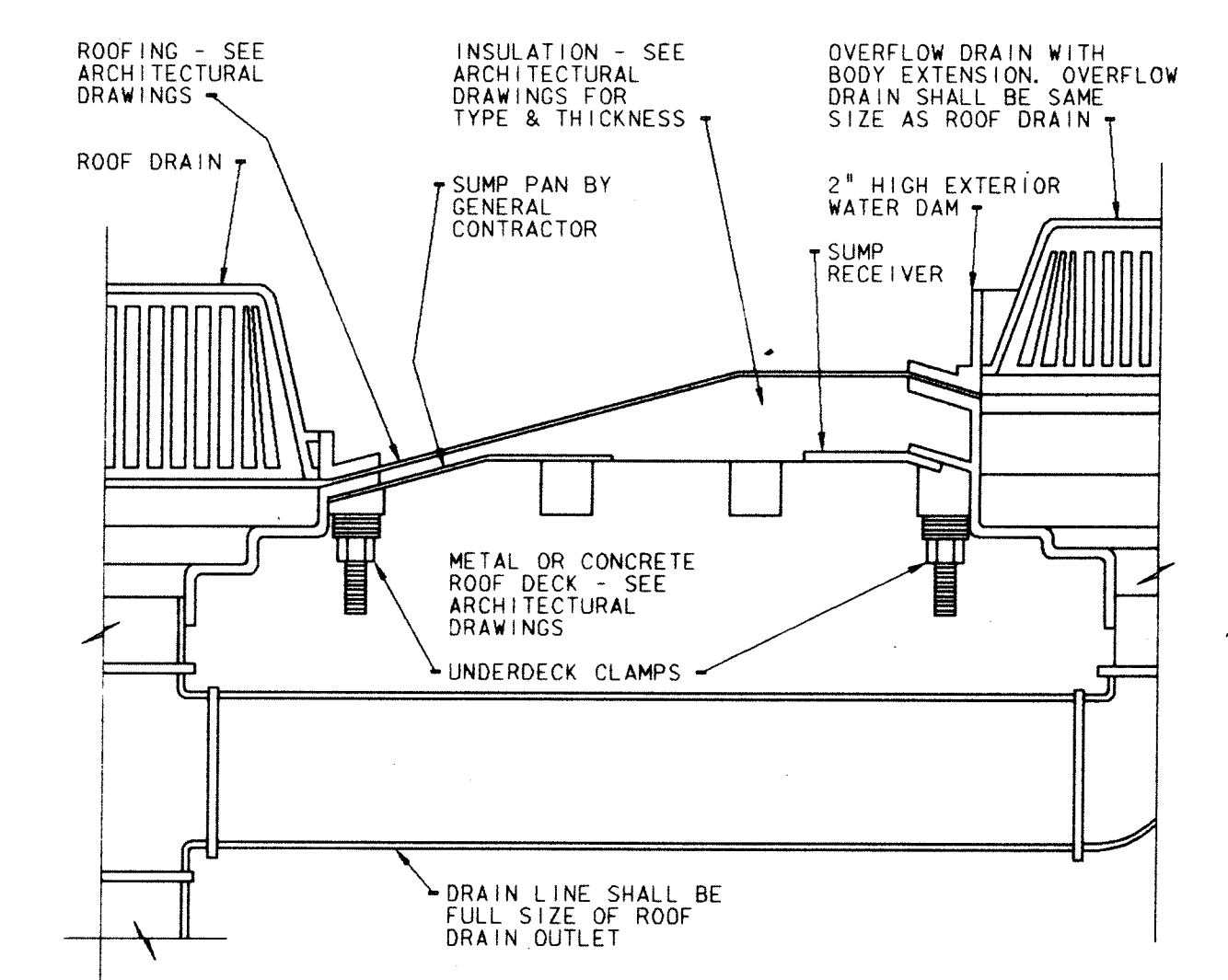
SOAP DISPENSING SYSTEM  
INSTALLATION DIAGRAM  
NO SCALE



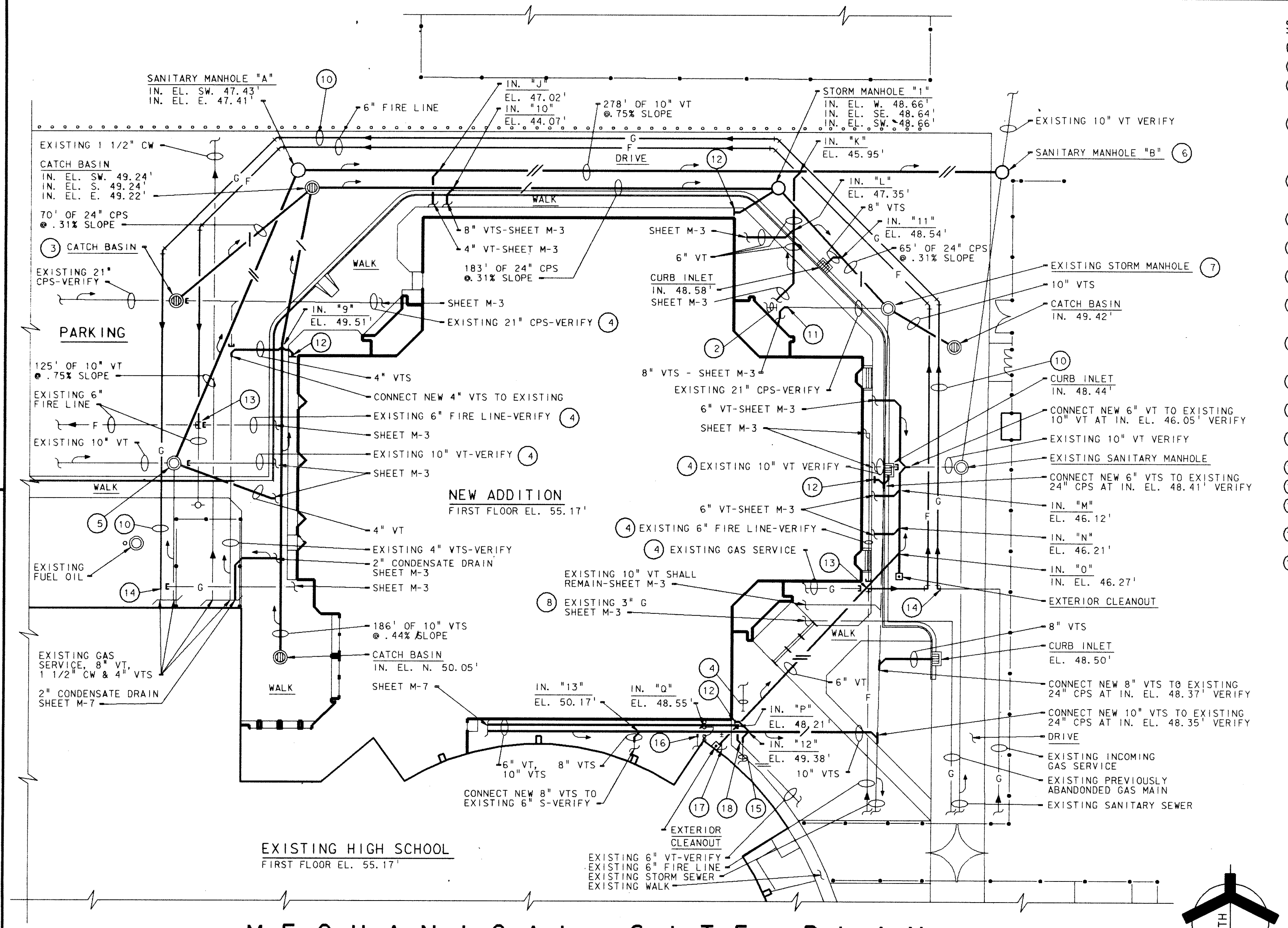
SECTION "A - A"



TYPICAL MANHOLE  
NO SCALE

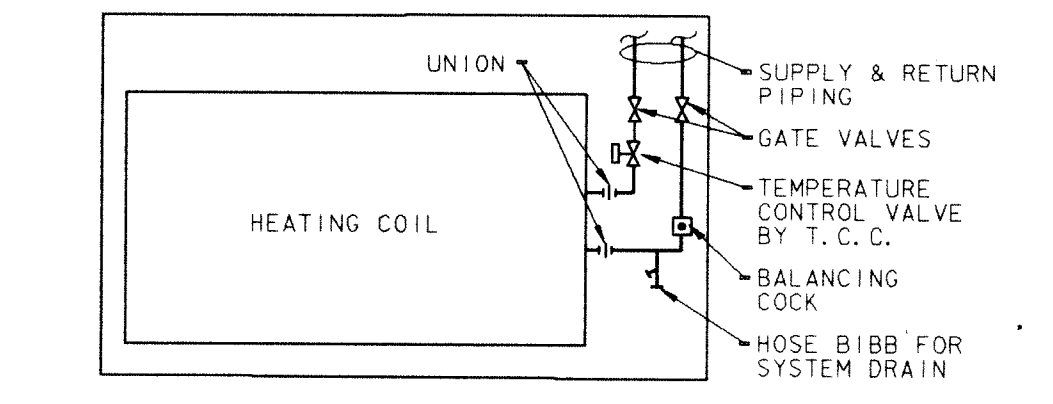


ROOF OVERFLOW DRAIN  
NO SCALE

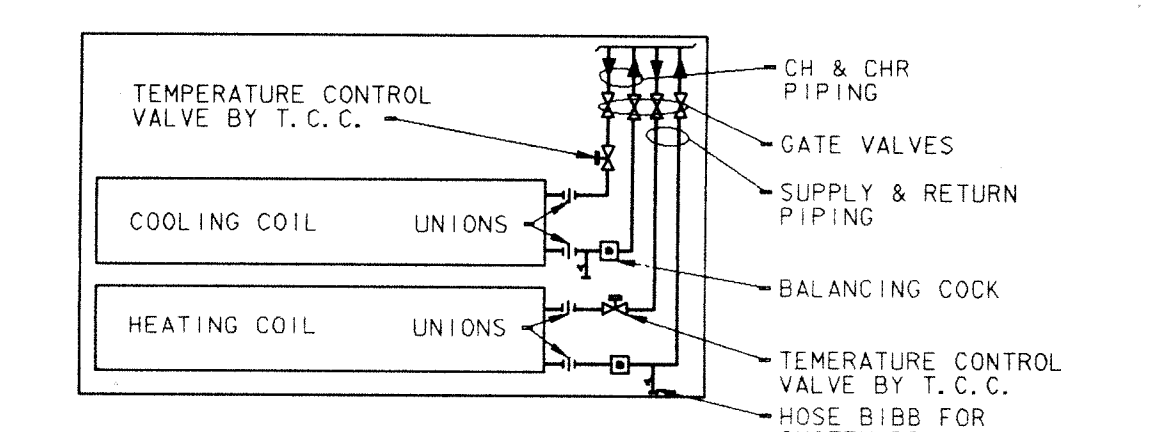


MECHANICAL SITE PLAN  
SCALE: 1" = 30'

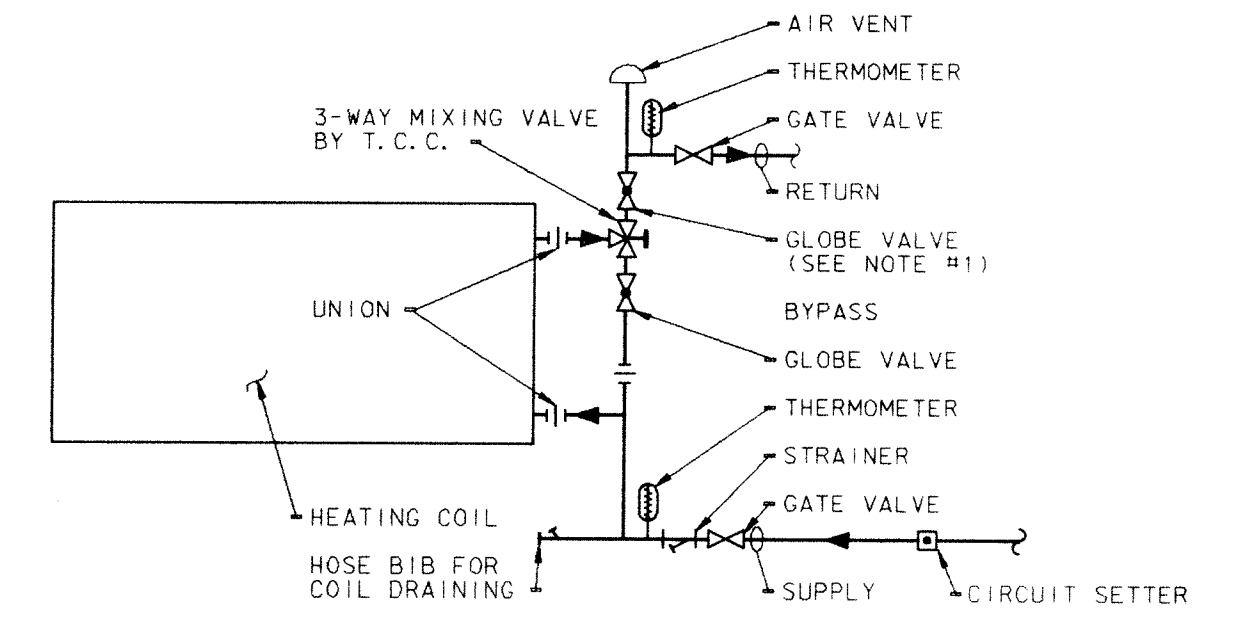
- SITE PLAN NOTES:**
- SEE SHEET M-1 FOR GENERAL NOTES, LEGEND AND SCHEDULES.
  - ALL CATCH BASINS AND CURB INLETS WILL BE PROVIDED BY OTHERS.
  - NEW CATCH BASIN IS TO BE CONSTRUCTED OVER EXISTING 21" CPS. COORDINATE WITH GENERAL CONTRACTOR. EXISTING IN. EL. W. 49.48' VERIFY. PLUG IN. EL. E., IN. EL. NE. 49.44'.
  - EXISTING UTILITY SHALL REMAIN IN SERVICE UNTIL NEW CONSTRUCTION IS COMPLETE THEN SHALL BE CUT, PLUGGED, CAPPED AND ABANDONED IN PLACE OR BE SERVICED. REMOVE ANY PART OF EXISTING UTILITY THAT INTERFERES WITH NEW MECHANICAL CONSTRUCTION.
  - EXISTING SANITARY MANHOLE AND 10" VT AT IN. EL. 48.36' VERIFY. PLUG IN. EL. E., CONNECT NEW 10" VT AT IN. EL. NE. 48.35' AND NEW 4" VT AT IN. EL. SE. 48.37'.
  - CONSTRUCT NEW SANITARY MANHOLE OVER EXISTING 10" VT. EXISTING 10" VT IN. EL. 45.94' VERIFY. IN. EL. W. 45.95'.
  - CONNECT NEW 24" CPS TO EXISTING STORM MANHOLE AT IN. EL. NW. 48.46' VERIFY. CONNECT NEW 10" VT AT IN. EL. SE. 49.29'.
  - REMOVE ANY PART OF PREVIOUSLY ABANDONED GAS THAT INTERFERES WITH NEW MECHANICAL CONSTRUCTION.
  - ALL SEWERS LOCATED WITHIN 10 FEET ON EITHER SIDE OF A WATER MAIN SHALL BE CONSTRUCTED OF MECHANICAL JOINT WATER WORKS GRADE CAST IRON PIPE.
  - NEW INCOMING GAS SERVICE BY CITIZENS GAS COMPANY. ALL COSTS INVOLVED IN REROUTING THE INCOMING GAS SERVICE SHALL BE PAID FOR BY THE OWNER.
  - CUT EXISTING 21" CPS AND CONNECT NEW 8" VTS AT IN. EL. 48.64' VERIFY.
  - CONNECT 6" VTS TO PERIMETER DRAIN PROVIDED BY G.C. - SEE SHEET S-1.
  - CONNECT NEW 6" FIRE LINE TO EXISTING. CAP AND ABANDON EXISTING UNUSED FIRE LINE. SEE NOTE #4.
  - CONNECT NEW INCOMING GAS SERVICE TO EXISTING. SEE NOTE #10.
  - EXISTING 8" VTS. CONNECT NEW 8" VTS AT IN. EL. 51.17'.
  - EXISTING 4" W. DISCONNECT EXISTING 6" VT AND CONNECT NEW 6" VT AT IN. EL. 49.55' VERIFY.
  - EXISTING 6" VT. CUT AND CONNECT NEW 6" VT AT IN. EL. 49.60' VERIFY.



CABINET HEATER PIPING DIAGRAM  
NO SCALE

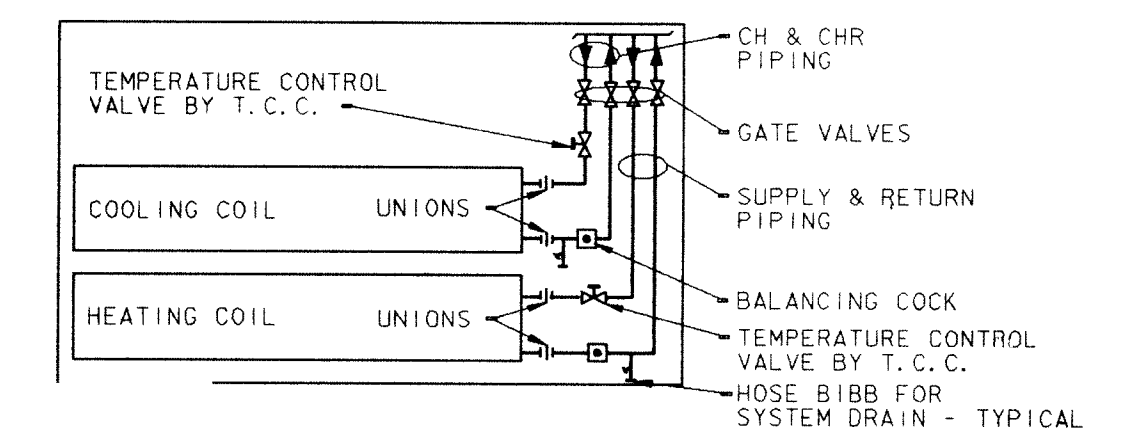


FAN COIL PIPING DIAGRAM  
NO SCALE (HEATING, COOLING & PIPE SYSTEM)

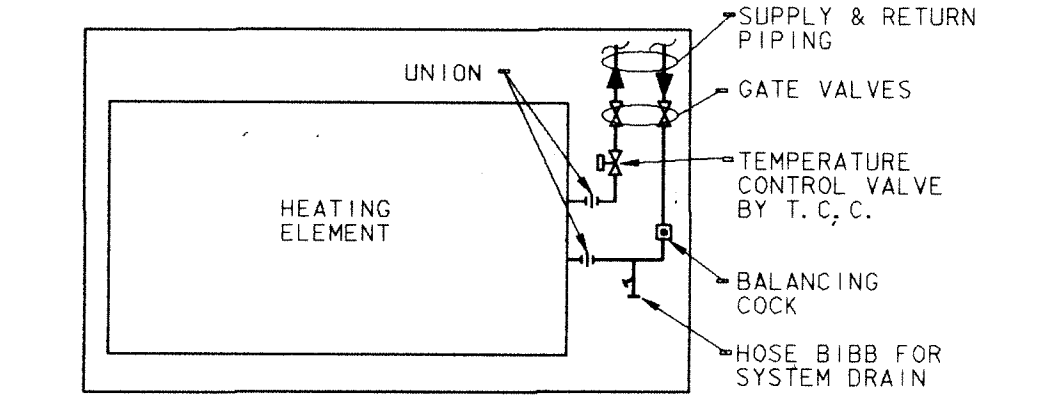


NOTE:  
1. PROVIDE PLUG COCK INSTEAD OF GLOBE VALVE FOR PIPE SIZES 1-1/4" AND SMALLER.

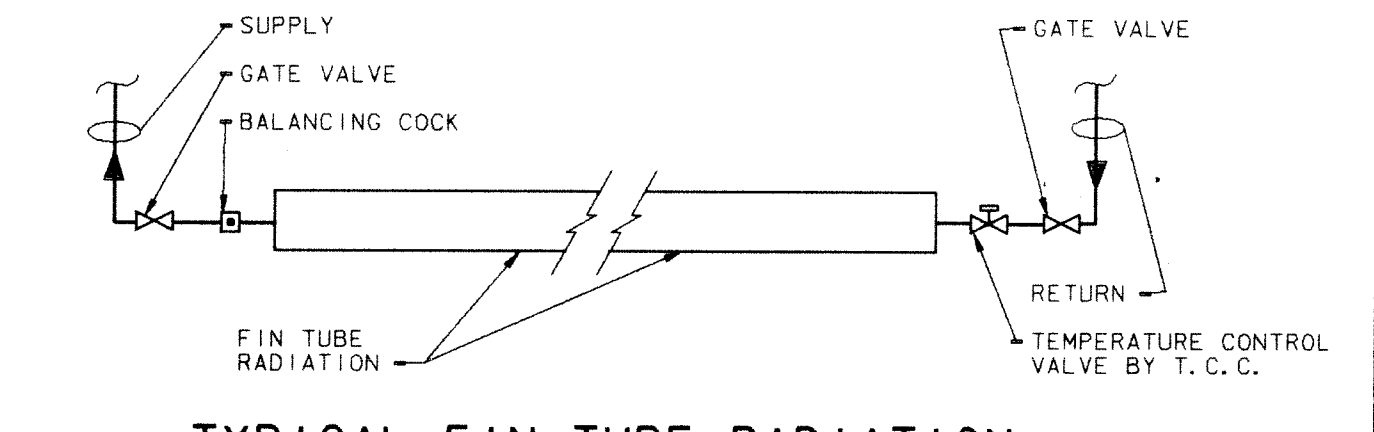
TYPICAL HOT WATER HEATING  
COIL PIPING DIAGRAM  
NO SCALE (3-WAY VALVE)



UNIT VENTILATOR PIPING DIAGRAM  
NO SCALE (HEATING & COOLING)

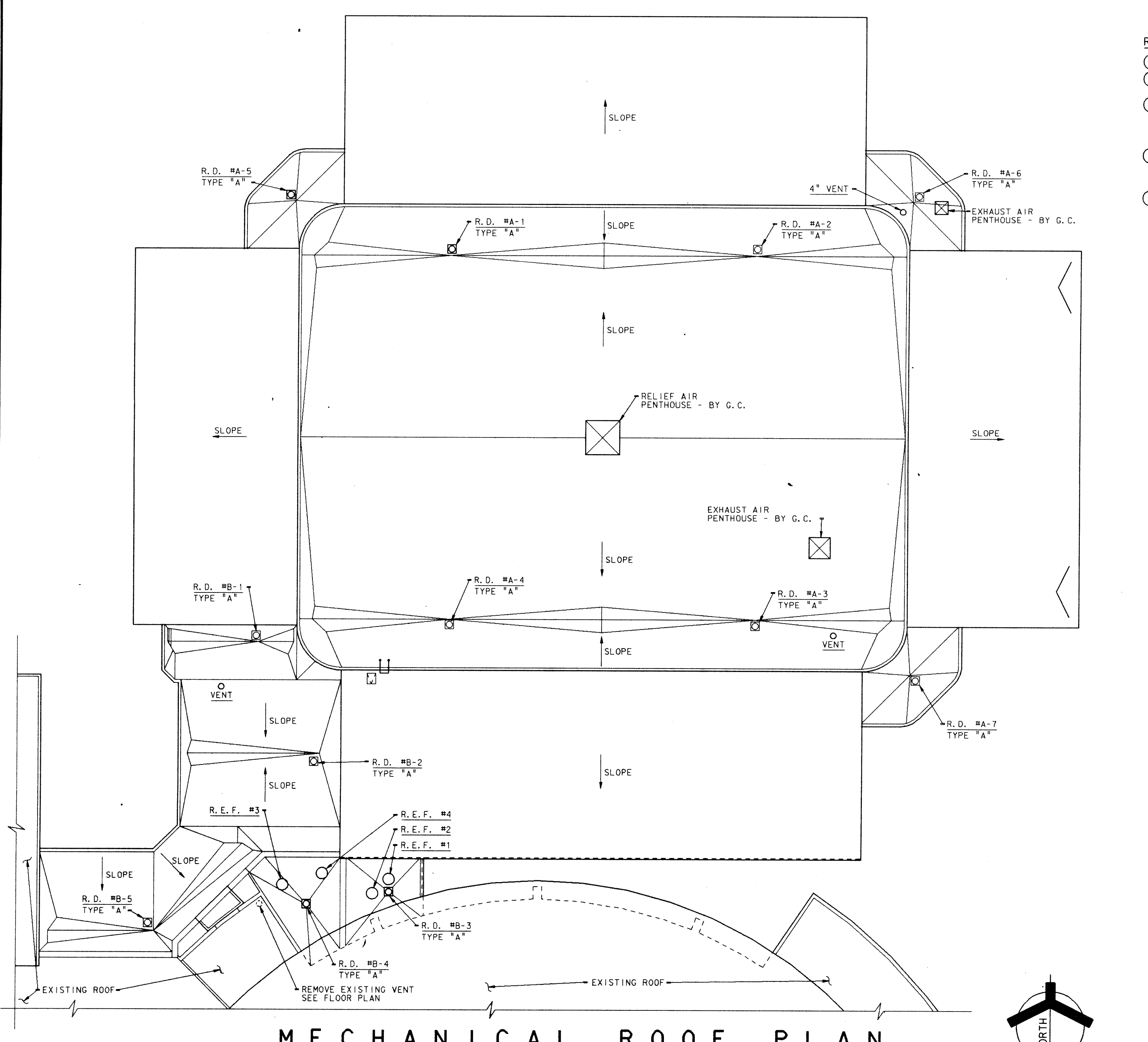


CONVECTOR PIPING DIAGRAM  
NO SCALE



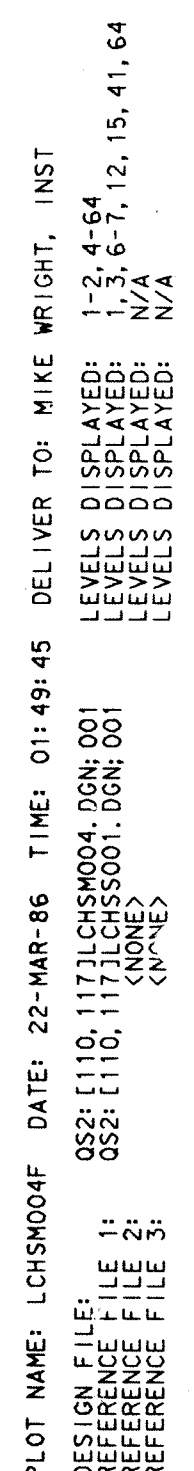
TYPICAL FIN TUBE RADIATION  
PIPING DIAGRAM  
NO SCALE

- ROOF PLAN NOTES:**
- ALL VENTS NOT OTHERWISE NOTED ARE 3" PLUMBING VENTS. UNLESS OTHERWISE NOTED.
  - ALL WORK SHOWN ON THIS SHEET IS BY MECHANICAL TRADES UNLESS OTHERWISE NOTED.
  - PROVIDE DECK CLAMPS FOR ALL ROOF DRAINS INSTALLED IN METAL DECK OR SIMILAR ROOF CONSTRUCTION. OVERFLOW DRAINS SHALL BE PROVIDED WITH DECK CLAMPS, SUMP RECEIVERS, DRAIN BODY EXTENSIONS AND 2" HIGH EXTERIOR WATER DAM. SEE DETAIL ON THIS SHEET. ALL ROOF DRAINS SHALL HAVE OVERFLOW DRAINS.
  - NO ROOF DRAIN SHALL BE SET WITHOUT PRIOR CONSULTATION WITH THE ARCHITECT'S FIELD REPRESENTATIVE. IN GENERAL, ALL ROOF DRAINS SHALL BE SET ON THE STRUCTURAL DECK AND NOT ON THE ROOF INSULATION.
  - THE MECHANICAL CONTRACTOR SHALL FIELD CUT THE SMALL ROOF OPENINGS REQUIRED FOR PLUMBING VENTS AND ROOF DRAIN OVERFLOW LINES.



MECHANICAL ROOF PLAN  
SCALE: 1/16" = 1'-0"









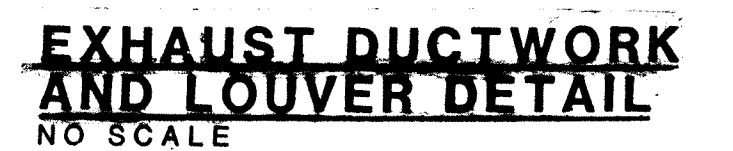
NOT TO SCALE

NOTES:

1. INSTALLATION SHALL CONFORM TO NFPA-90A, UL SAFETY STANDARD 555 AND SMACNA FIRE DAMPER AND HEAT STOP GUIDE 1981.
2. DAMPER PROTECTED WITH FIREPROOF MATERIAL: BOTH SIDES AND HELD OPEN WITH 160° FUSIBLE LINK.

UNIT "A" HEATING, VENTILATING, & AIR CONDITIONING FIRST FLOOR PLAN

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

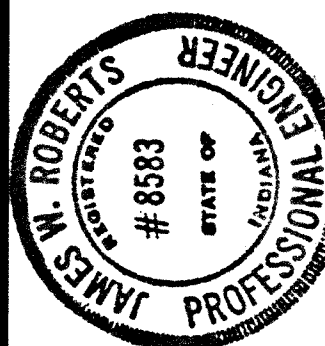


1. INSTALLATION SHALL CONFORM TO NFPA-90A, UL SAFETY STANDARD 555 AND SMACNA FIRE DAMPER AND HEAT STOP GUIDE 1981.
2. PROVIDE HINGED OR DOUBLE CATCH ACCESS DOOR LABELED, SIZED, AND LOCATED TO PERMIT REPLACEMENT OF FUSIBLE LINK.



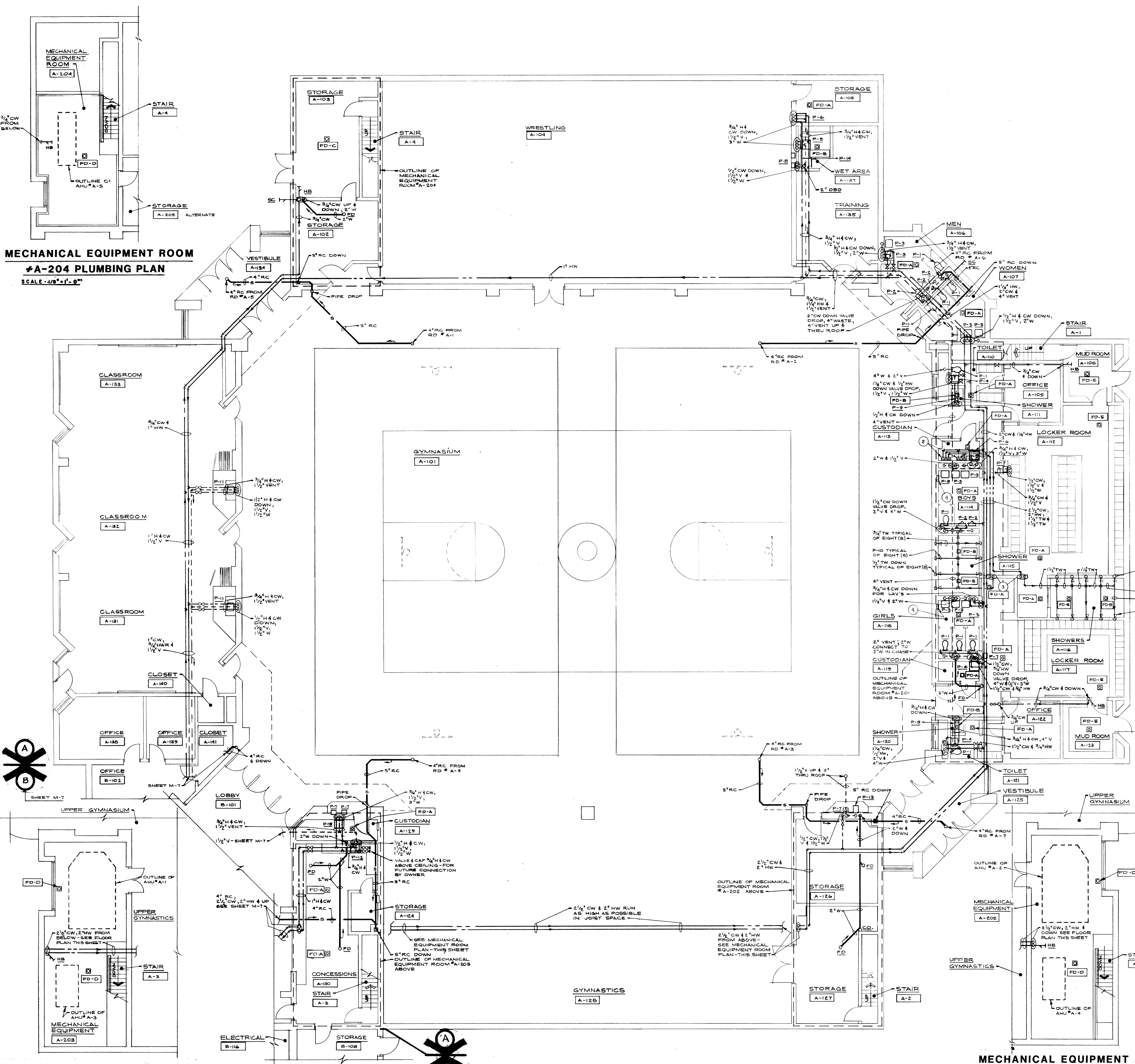


*James W. Roberts*  
 PROJECT 851-190  
 DATE MARCH 24, 1986  
 REVISED



**PLAN NOTES**

- SEE SHEET M-1 FOR GENERAL MECHANICAL NOTES, LEGEND, AND SCHEDULES.
- RUN 1-1/4" HOT WATER, 1-1/4" COLD WATER DOWN TO AND 1-1/2" TEMPERED WATER UP FROM THERMOSTATIC CONTROLLER. CONTROLLER SHALL BE POWER "HYDROGUARD" SERIES 430, MODEL #433, OR AN APPROVED EQUAL. CONTROLLER SHALL BE ENCASED IN A SURFACE-MOUNTED STAINLESS STEEL CABINET. SEE SPECIFICATIONS.
- RUN 1-1/2" TEMPERED WATER DOWN TO AND 1-1/2" TEMPERED WATER UP FROM SHUTOFF VALVE. PROVIDE RISING STEM VALVE MOUNTED IN J. R. SMITH 4762, OR APPROVED EQUAL, ACCESS COVER.
- WALL RECESSED SOAP DISPENSING TANK-SEE DETAIL ON SHEET M-2.



**MECHANICAL EQUIPMENT ROOM  
 #A-204 PLUMBING PLAN**  
 SCALE: 1/8"=1'-0"

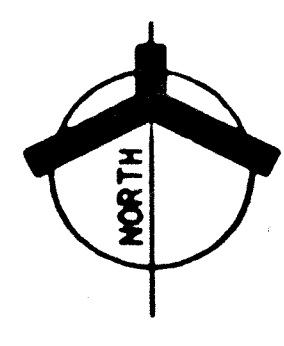
**MECHANICAL EQUIPMENT ROOM  
 #A-201 PLUMBING PLAN**  
 SCALE: 1/8"=1'-0"

**MECHANICAL EQUIPMENT ROOM  
 #A-203 PLUMBING PLAN**  
 SCALE: 1/8"=1'-0"

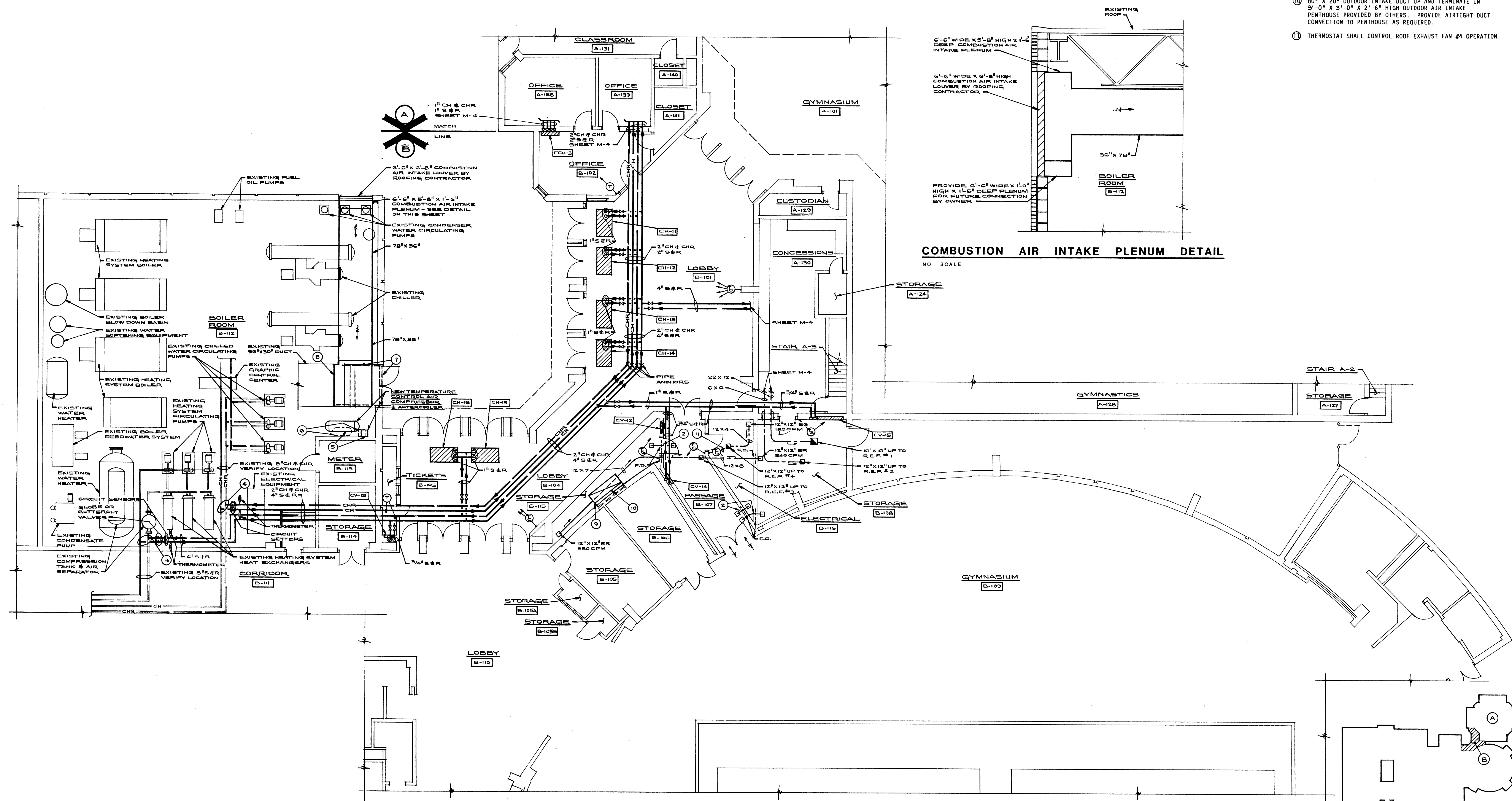
**UNIT "A" PLUMBING FLOOR PLAN**  
 SCALE: 1/8"=1'-0"

**MECHANICAL EQUIPMENT ROOM  
 #A-202 PLUMBING PLAN**  
 SCALE: 1/8"=1'-0"

**KEY PLAN  
 NO SCALE**







UNIT "B" HEATING, VENTILATING &amp; AIR CONDITIONING FIRST FLOOR PLAN

SCALE 1/8" = 1'-0"

## PLAN NOTES

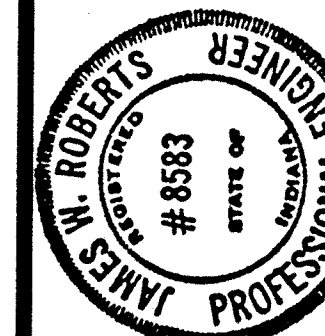
- SEE SHEET M-1 FOR GENERAL NOTES, LEGEND AND SCHEDULES.
- 12" X 12" TRANSFER AIR GRILLES IN CEILING CONNECTED BY A 12" X 8" DUCT. PROVIDE FIRE DAMPER WHERE DUCT PASSES THROUGH WALL.
- CONNECT NEW 4" SUPPLY AND RETURN TO EXISTING 8" SUPPLY AND RETURN AS REQUIRED.
- CONNECT NEW 2" CHILLED WATER AND CHILLED WATER RETURN TO EXISTING 8" CHILLED WATER AND CHILLED WATER RETURN AS REQUIRED.
- TEMPERATURE CONTROL AIR COMPRESSOR AND AFTERCOOLER SHALL BE PROVIDED AND INSTALLED BY THE TEMPERATURE CONTROL CONTRACTOR. AIR COMPRESSOR SHALL BE A DUPLEX RECIPROCATING TYPE MOUNTED ON A 200 GALLON HORIZONTAL RECEIVER - SEE SPECIFICATIONS. MOTOR DATA: (2) 5 H.P., 460 VOLTS, 3-PHASE, 60 HERTZ. AFTERCOOLER: 1/5 HP, 115 VOLT, 1-PHASE, 60 HERTZ. SEE SPECIFICATIONS.
- DISCONNECT AND REMOVE EXISTING TEMPERATURE CONTROL AIR COMPRESSOR AND AFTERCOOLER AND TURN OVER TO THE OWNER.
- DISCONNECT AND REMOVE EXISTING COMBUSTION AIR DUCTWORK FROM EXISTING WALL LOUVER. EXISTING LOUVER WILL BE REMOVED BY OTHERS.
- CONNECT NEW COMBUSTION AIR DUCT TO EXISTING AS REQUIRED.
- CONNECT NEW 7'-6" WIDE X 4'-6" HIGH X 3'-6" LONG PLENUM TO EXISTING OUTDOOR AIR INTAKE WALL OPENING AND PROVIDE AIRTIGHT SEAL. VERIFY EXACT EXISTING WALL OPENING SIZE BEFORE FABRICATING NEW DUCT. EXISTING OUTDOOR AIR INTAKE LOUVER IN EXISTING OPENING WILL BE REMOVED BY OTHERS.
- 80" X 20" OUTDOOR INTAKE DUCT UP AND TERMINATE IN 8'-0" X 3'-0" X 2'-6" HIGH OUTDOOR AIR INTAKE PENTHOUSE PROVIDED BY OTHERS. PROVIDE AIRTIGHT DUCT CONNECTION TO PENTHOUSE AS REQUIRED.
- THERMOSTAT SHALL CONTROL ROOF EXHAUST FAN #4 OPERATION.

COMBUSTION AIR INTAKE PLENUM DETAIL

NO SCALE

KEY PLAN

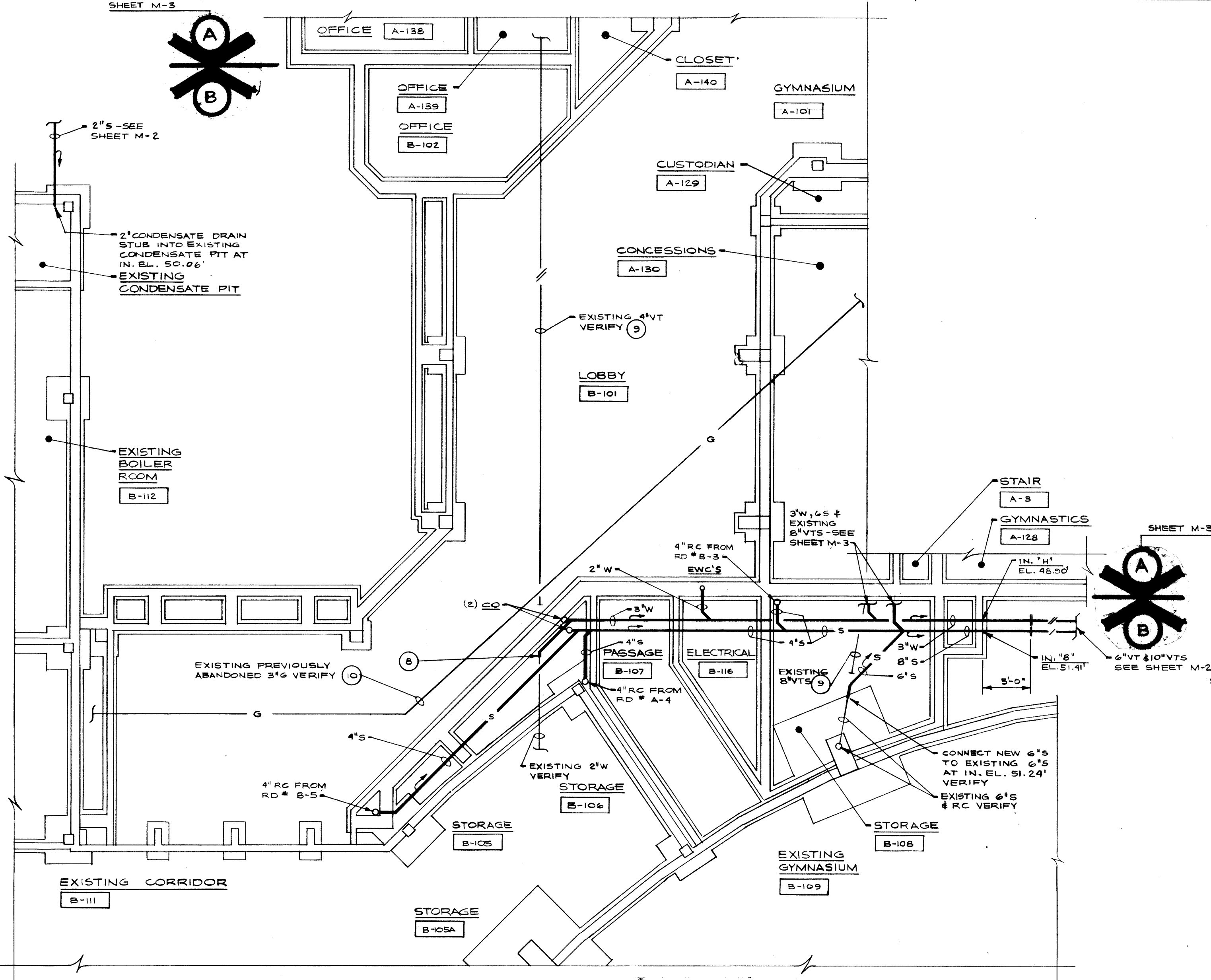
NO SCALE



PROJECT  
851-190  
DATE  
MAR. 24, 1966  
REVISED

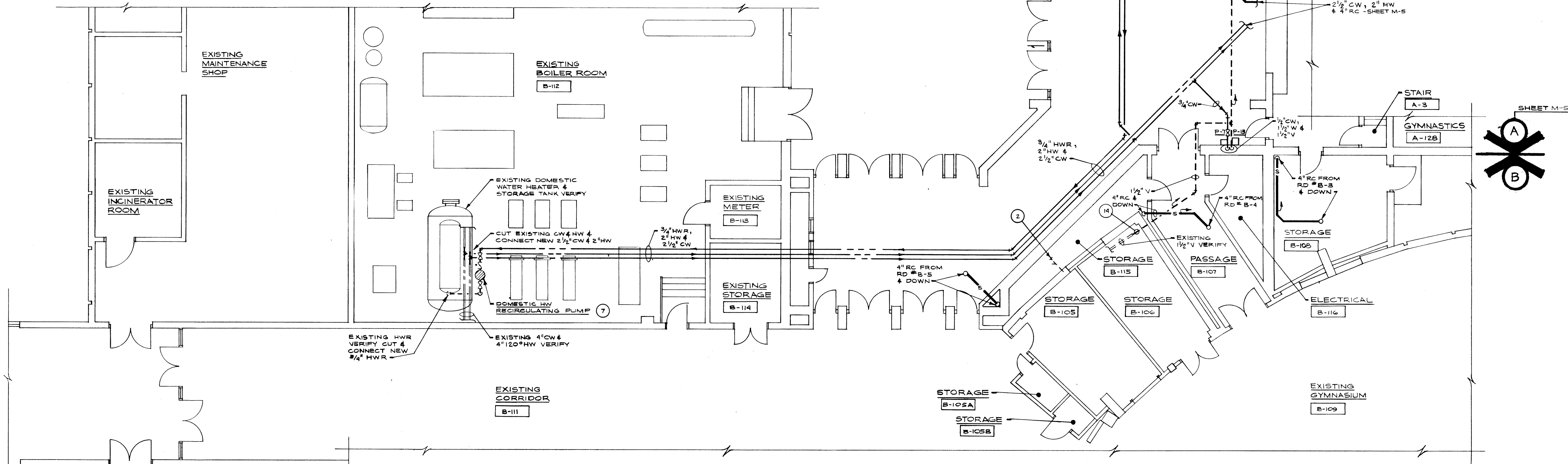
NO. M-6  
OF 9





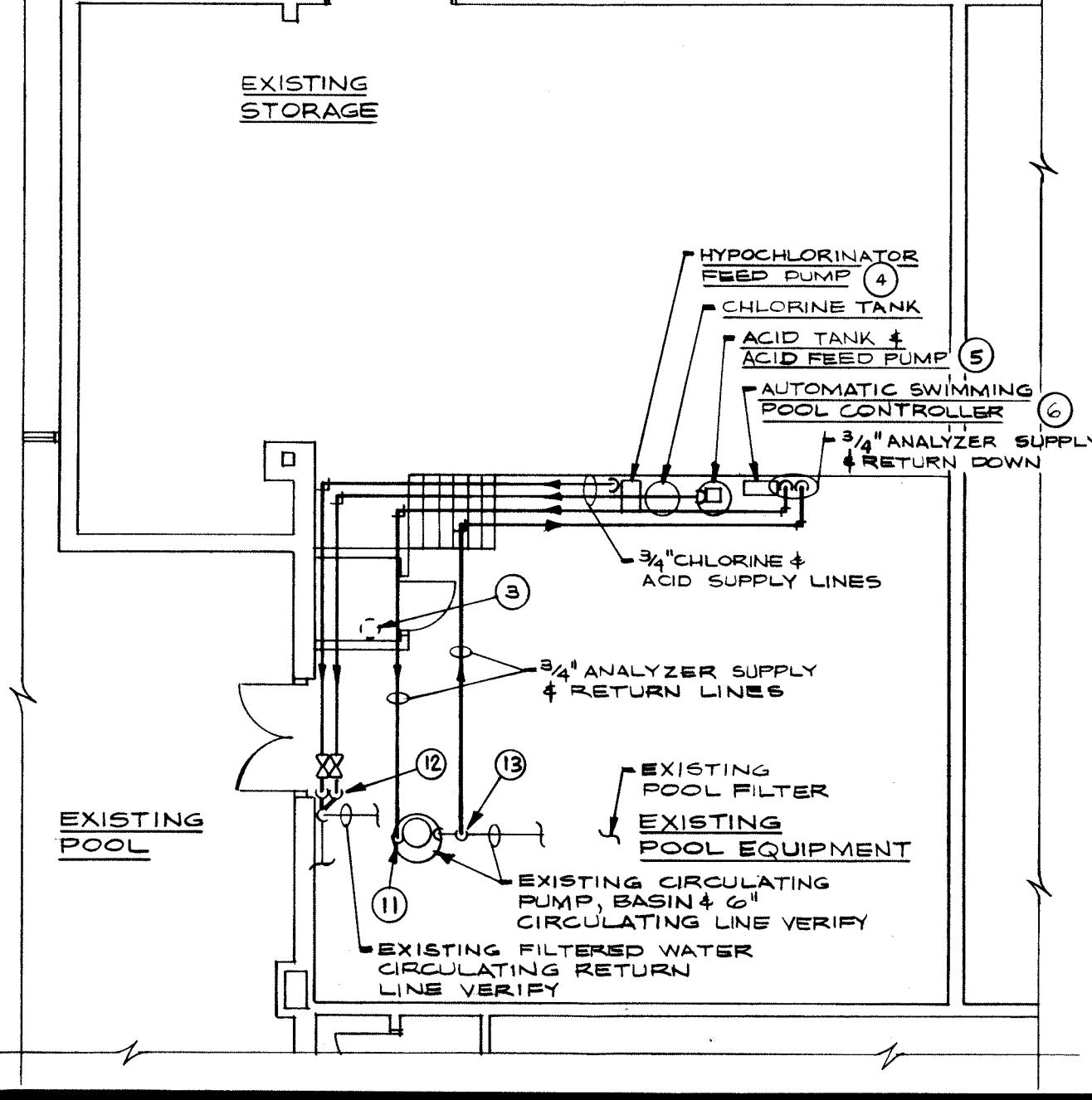
UNIT "B" PLUMBING FOUNDATION PLAN

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



UNIT "B" PLUMBING FLOOR PLAN

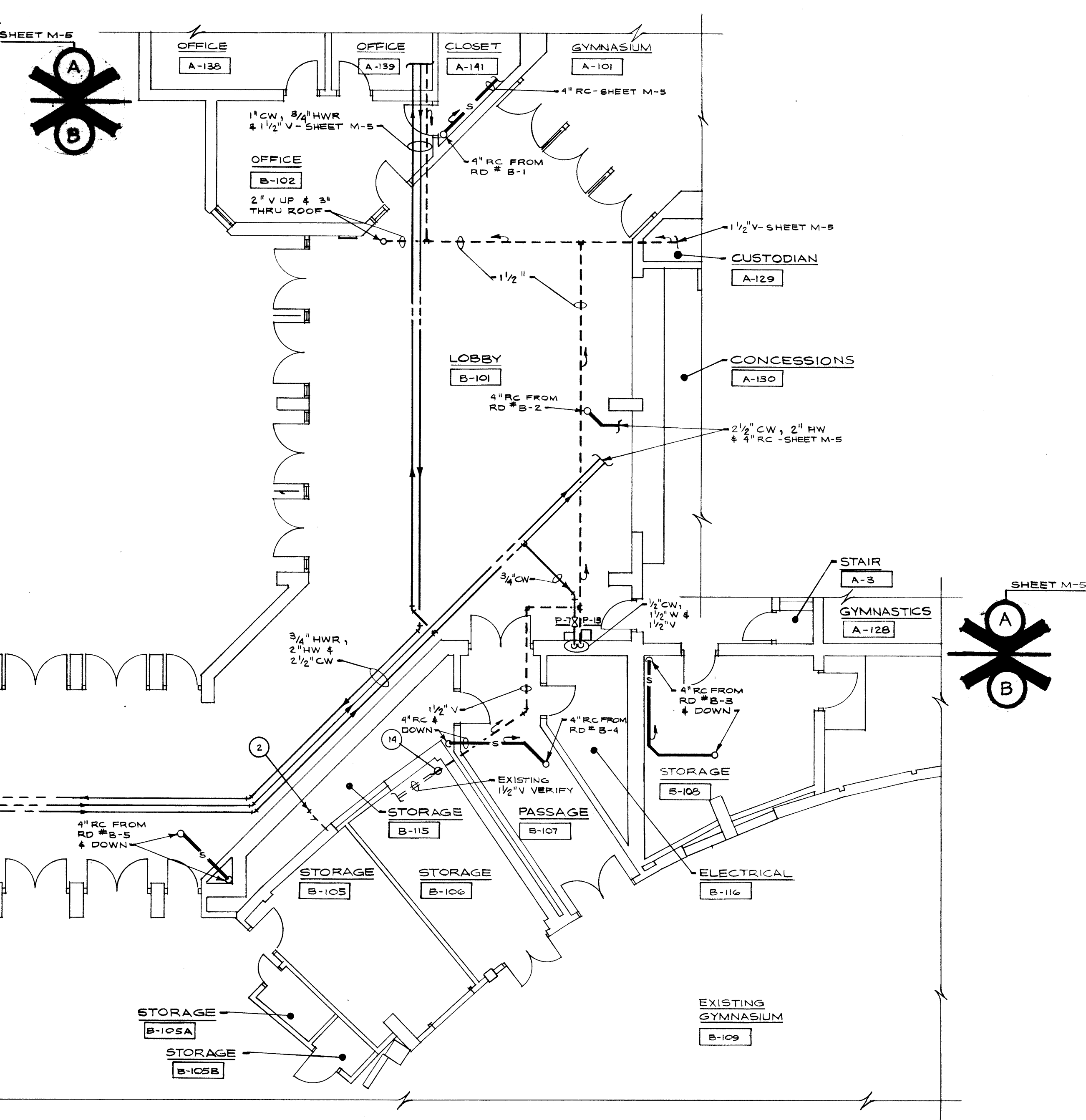
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KEY PLAN  
NO SCALE

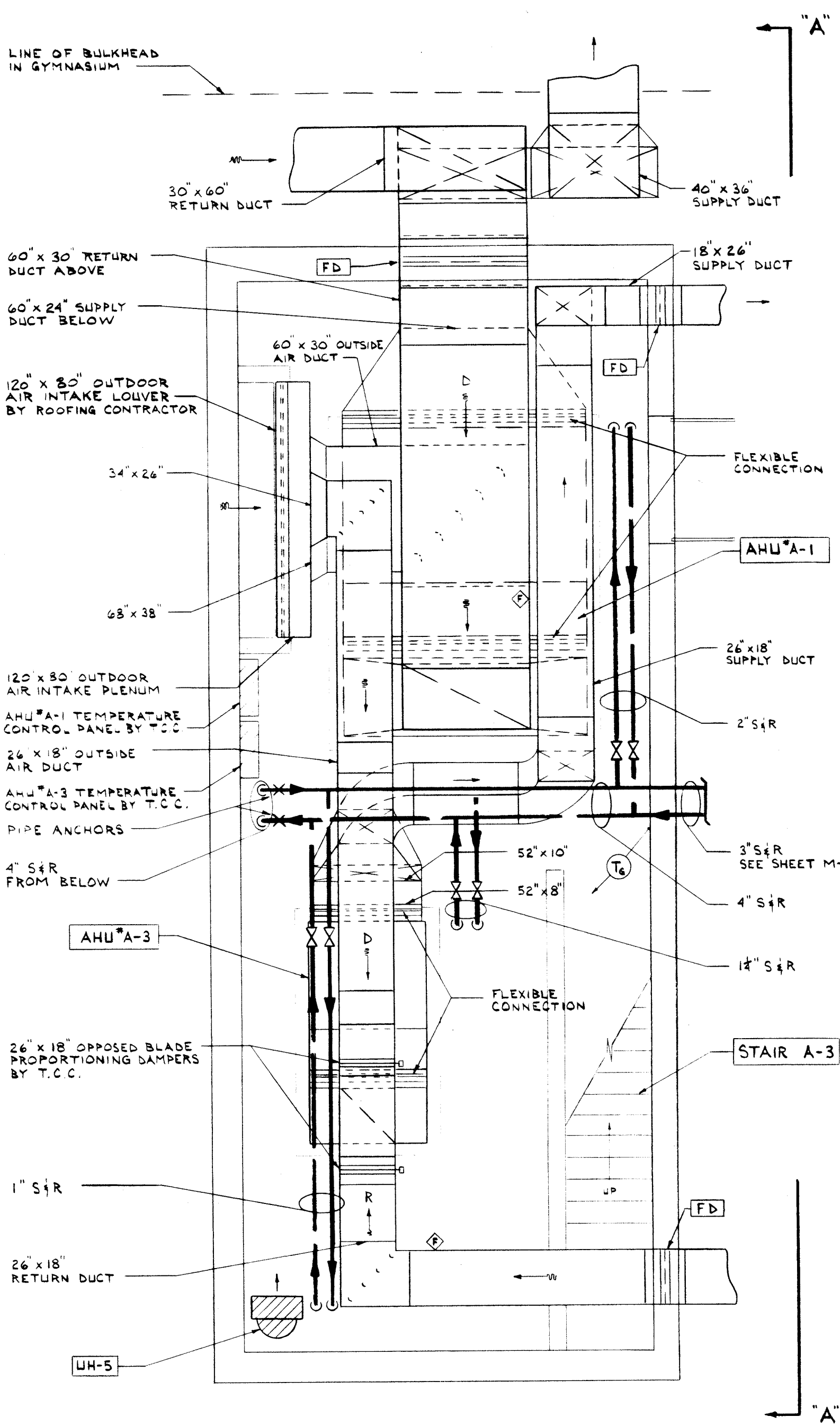
WASTE AND VENT PIPING ISOMETRIC FOR SHOWER AND LOCKER AREAS UNIT "A"

NO SCALE



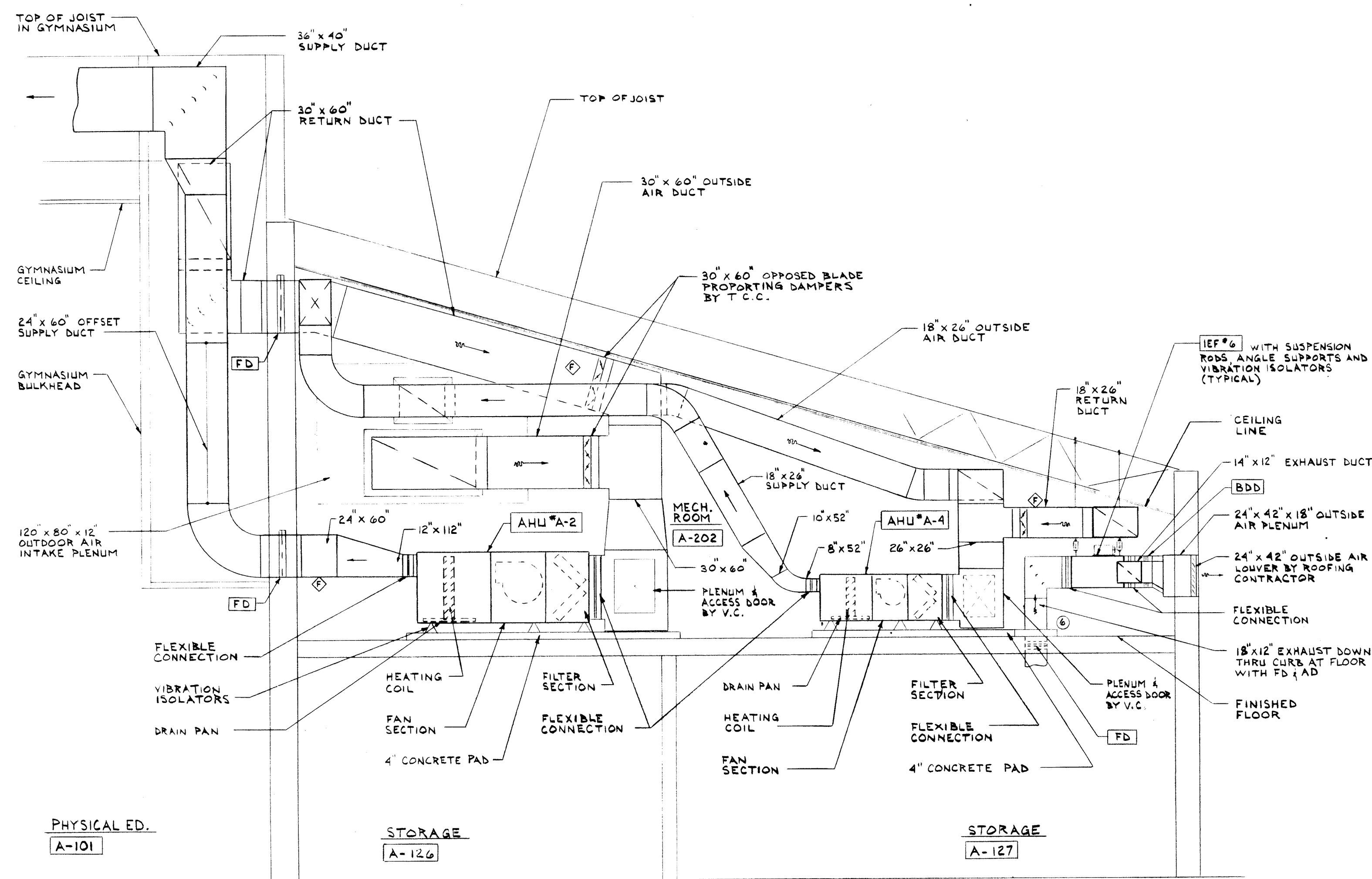
- SEE SHEET M-1 FOR GENERAL MECHANICAL NOTES, LEGEND, AND SCHEDULES.
- EXISTING SILL COCK VERIFY, DISCONNECT AND REMOVE. REMOVE COLD WATER SUPPLY TO A POINT BELOW FINISHED WALL SURFACE THEN CUT, PLUG, AND CAP.
- DISCONNECT AND TURN OVER TO OWNER EXISTING GAS CHLORINE SYSTEM. REMOVE ALL RELATED PIPING TO WALL, FLOOR OR CEILING SURFACE AND CUT, PLUG, AND CAP.
- HYPOCHLORINATOR FEED PUMP  
PUMP SHALL BE WALLACE AND TIERNAN MODEL #747 OR AN APPROVED EQUAL. SEE SPECIFICATIONS. MOTOR DATA: 1/4 HP, 115 VOLT, 60 HERTZ, 1-PHASE, 1725 RPM.
- ACID FEED PUMP  
PUMP SHALL BE WALLACE AND TIERNAN MODEL #94-200 OR AN APPROVED EQUAL. SEE SPECIFICATIONS. ELECTRICAL DATA: 115 VOLT, 1-PHASE, 60 HERTZ.
- AUTOMATIC SWIMMING POOL CONTROLLER  
ANALYZER SHALL BE STANTROL MODEL #380R WITH RECORDER OR APPROVED EQUAL. SEE SPECIFICATIONS. PROVIDE 2" X 2" X 1/8" FRAME AND 5/8" OUTDOOR PLYWOOD ANCHORED ON LOW WALL FOR STANTROL MOUNTING. MOUNT AT 36" TO BOTTOM ABOVE FINISHED FLOOR. ELECTRICAL DATA: 115 VOLT, 20 AMPS, 60 HERTZ.
- DOMESTIC HOT WATER RECIRCULATING PUMP  
PUMP SHALL BE BELL & GOSSETT BOOSTER SERIES MODEL #82 OR AN APPROVED EQUAL CAPABLE OF PUMPING TO GPM AT 10 FEET OF HEAD. PUMP SHALL START AND STOP ON 10" TEMPERATURE VARIATION IN RETURN MAINS. MOTOR DATA: 1/6 HP, 115 VOLTS, 1-PHASE, 60 HERTZ, 1750 RPM.
- CONNECT NEW 3" WASTE TO EXISTING 2" WASTE AT INVERT ELEVATION 49.90'. VERIFY.
- EXISTING UTILITY SHALL REMAIN IN SERVICE UNTIL NEW CONSTRUCTION IS COMPLETE, THEN SHALL BE CUT, PLUGGED, CAPPED AND ABANDONED IN PLACE OUT OF SERVICE. REMOVE ANY PART OF EXISTING UTILITY THAT INTERFERES WITH NEW MECHANICAL CONSTRUCTION.
- REMOVE ANY PART OF EXISTING PREVIOUSLY ABANDONED GAS THAT INTERFERES WITH NEW MECHANICAL CONSTRUCTION.
- TERMINATE 3/4" ANALYZER RETURN IN EXISTING CIRCULATING PUMP BASIN.
- CONNECT NEW CHEMICAL TREATMENT LINES TO EXISTING CIRCULATING RETURN LINE.
- CONNECT NEW 3/4" ANALYZER TO 6" CIRCULATING PUMP DISCHARGE LINE.
- EXISTING 1-1/2" VENT UP AND THROUGH ROOF - VERIFY. REMOVE VENT THROUGH ROOF AND CONNECT NEW 1-1/2" VENT.





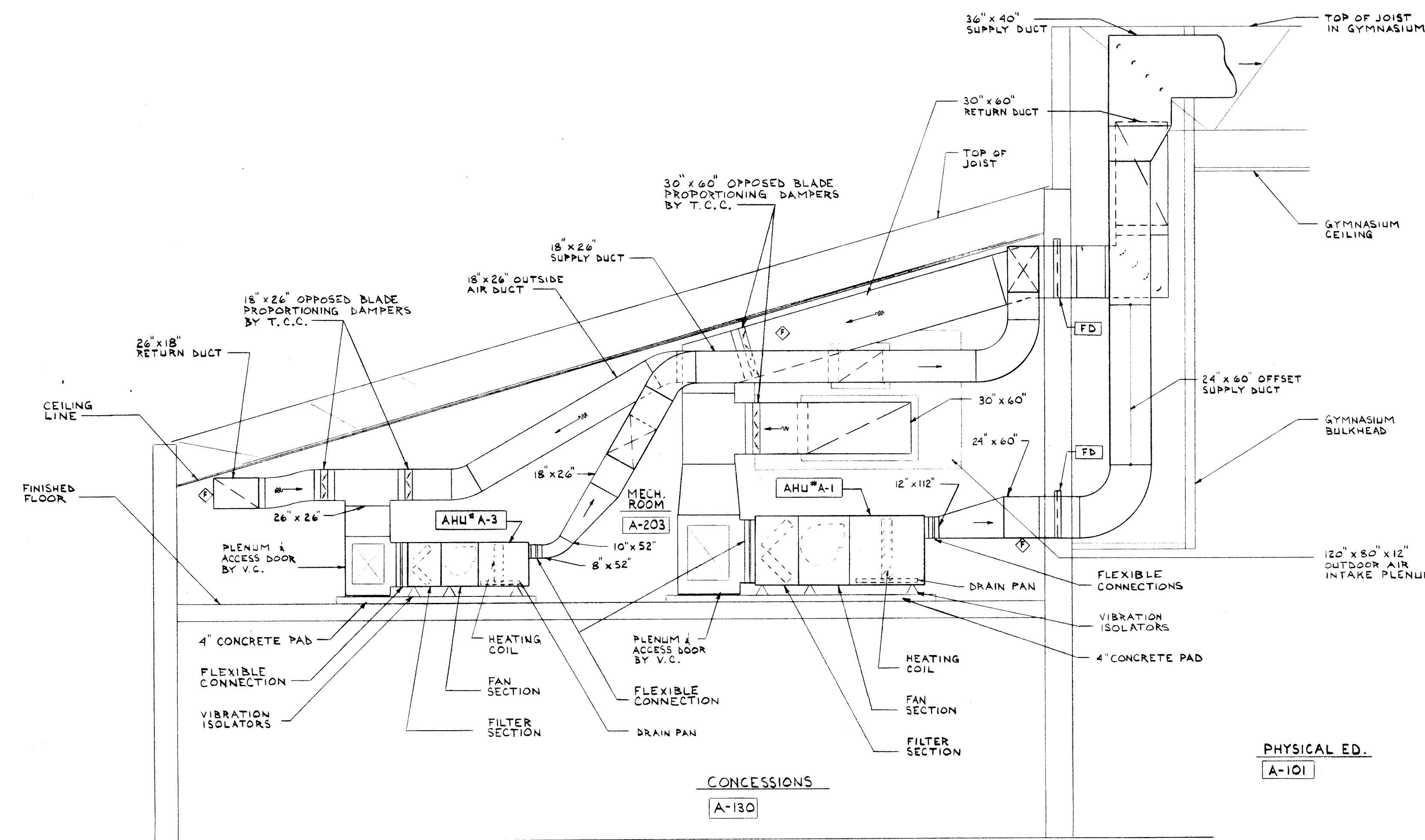
**MECHANICAL EQUIPMENT ROOM A-203**

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



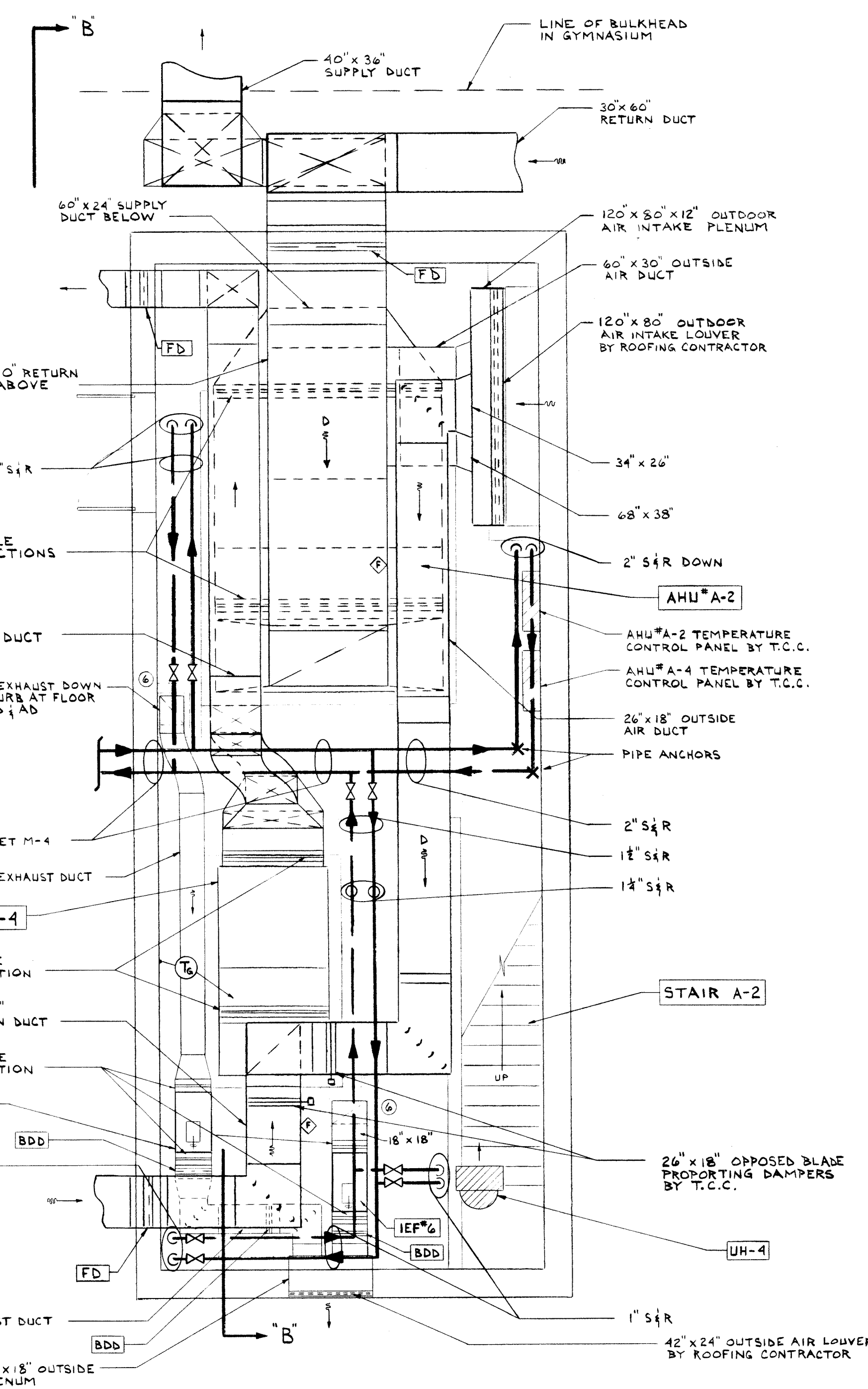
**SECTION "B-B"**

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



**SECTION "A-A"**

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

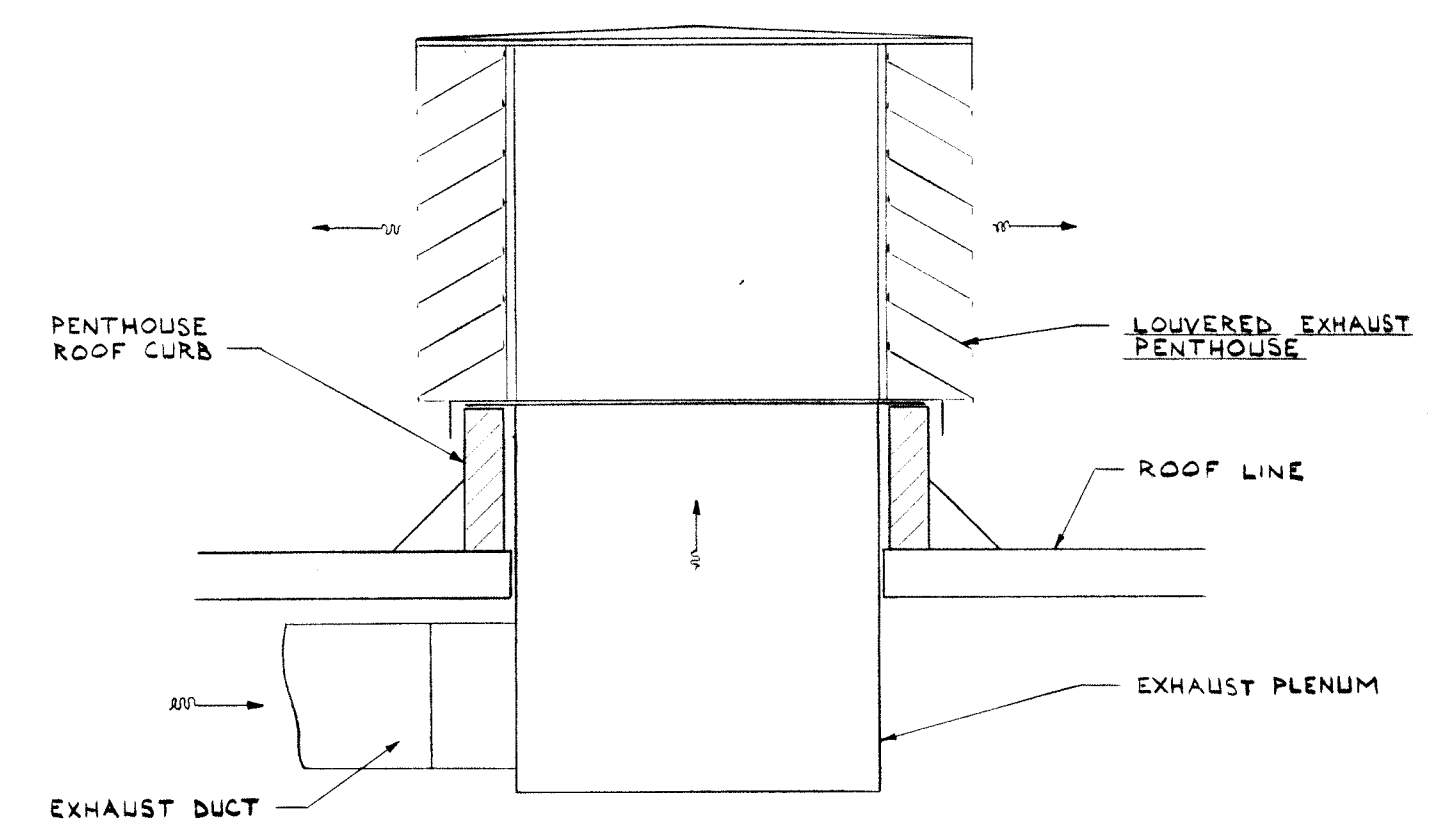


**MECHANICAL EQUIPMENT ROOM A-202**

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

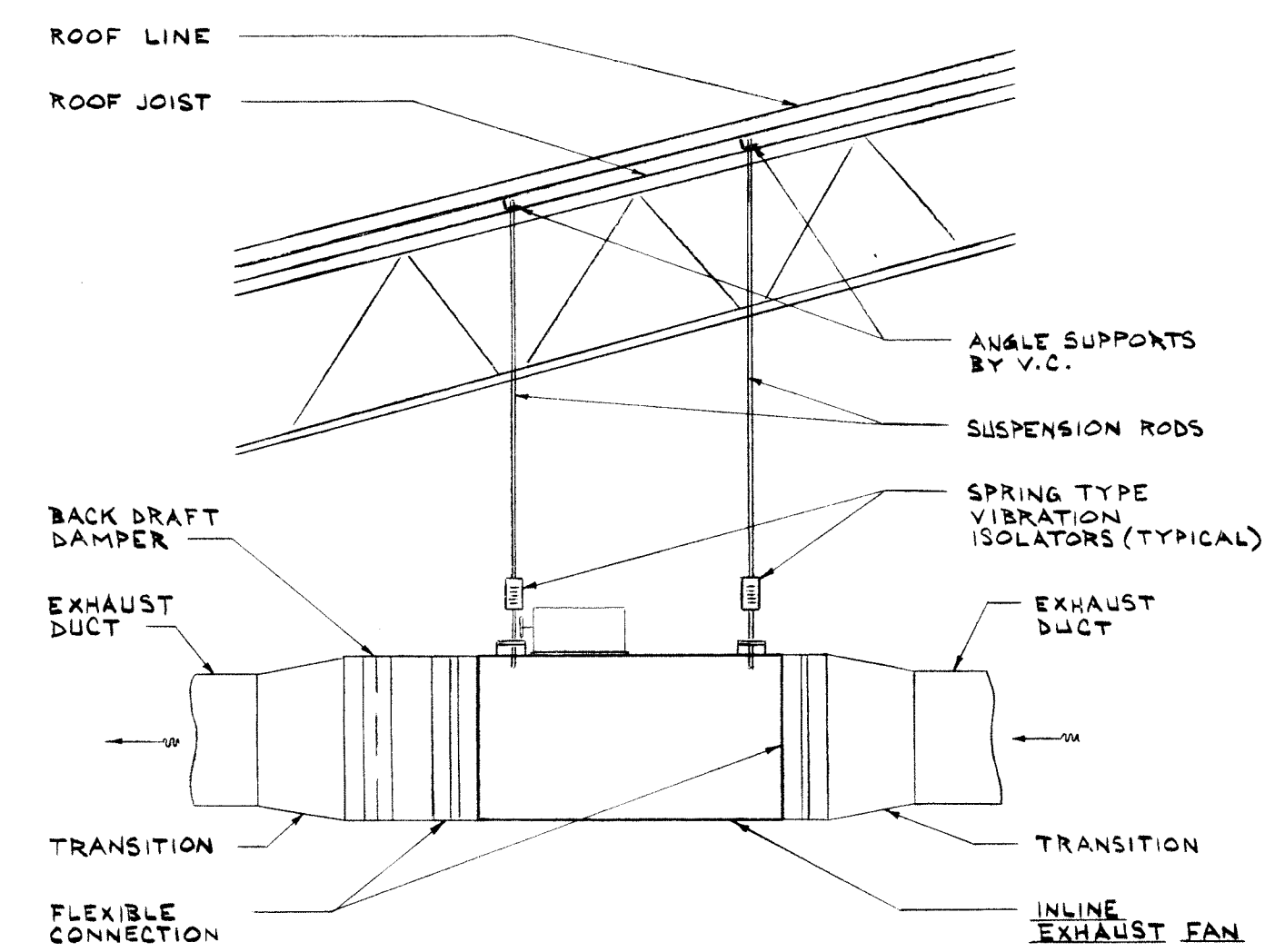
**PLAN NOTES:**

- 1 ALL LOW PRESSURE SUPPLY AND RETURN DUCTWORK SHALL BE LINED WITH 1/2" DUCT LINER.
- 2 ALL DIMENSIONS SHOWN ARE SHEET METAL DIMENSIONS.
- 3 ALL EXHAUST DISCHARGE DUCT FROM INLINE EXHAUST FANS SHALL BE COVERED WITH 1" INSULATION.
- 4 ALL SUSPENDED UNITS TO BE SUPPORTED FROM TOP CHORD OF JOIST.
- 5 ALL DUCT PENETRATIONS THROUGH MECHANICAL ROOM FLOORS AND WALLS SHALL HAVE FIRE DAMPERS WITH ACCESS DOORS.
- 6 CURB OPENING SIZES TO BE VERIFIED FROM FIRE DAMPER SCHEDULE WHERE TYPE "B" FIRE DAMPERS ARE REQUIRED.
- 7 PROVIDE DRAIN PAN FOR ALL AIR HANDLING UNIT HEATING COILS WITH 1-1/4" DRAIN LINE TERMINATING OVER NEAREST DRAIN.



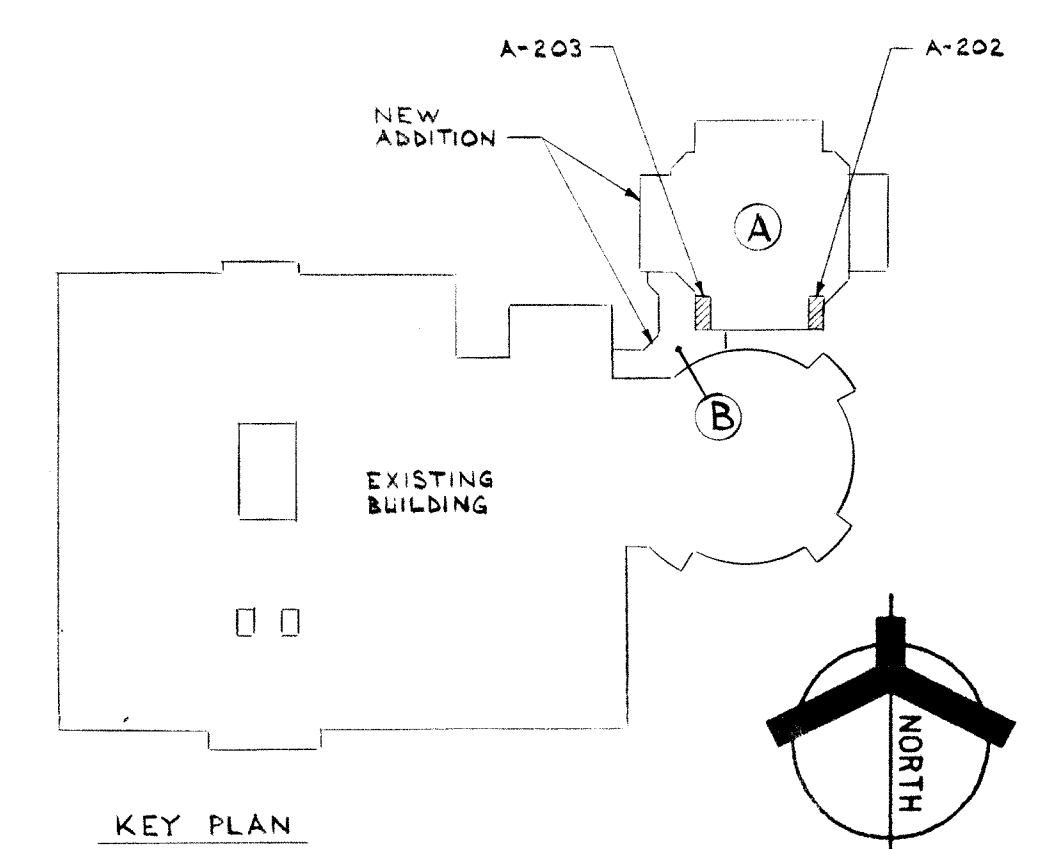
**TYPICAL EXHAUST PENTHOUSE DETAIL**

NO SCALE



**TYPICAL INLINE EXHAUST FAN DETAIL**

NO SCALE



**KEY PLAN**







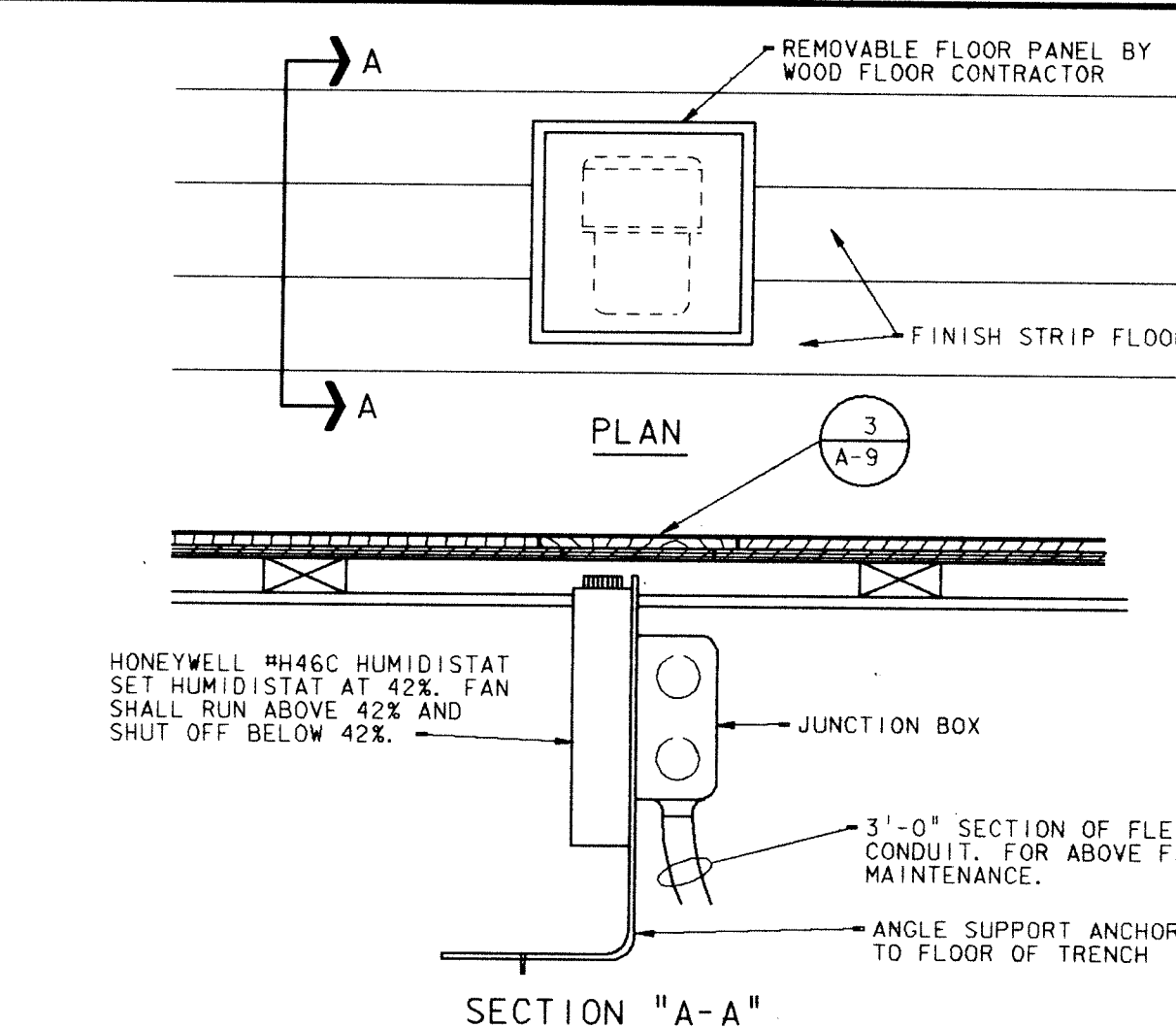
INCANDESCENT/HID FIXTURE SCHEDULE					
TYPE	MANUFACTURER'S CATALOG NUMBER	MOUNT	LAMPS	REMARKS	
K-1	ABOLITE CROUSE HINDS HOLOPHANE INDY MORRIS KURTZON MMK-5413	RECESS	1/400	METAL HALIDE LAMP HIGH IMPACT ACRYLIC LENS 277 VOLT ENCAPSULATED BALLAST	
K-2	GUTH MARCO PRESOLITE H53-12175SF-10732 LS616B44 101656-175MHE-F-71	RECESS	1/175	METAL HALIDE LAMP WEATHERPROOF, TAMPERPROOF 277 VOLT BALLAST	
K-3	ESCO WIDE-LITE SB28-277 S83M-400-SD-OV-9	PENDANT	1/400	METAL HALIDE LAMP GASKETED TEMPERED PRISMATIC LENS AND FRAME 277 VOLT ENCAPSULATED BALLAST	
K-4	HITEK HOLOPHANE KEENE SYLVANIA TWP-175M-277-SF-TP 1485-120-D108 331-175MA-VP-FS-TP WPK11-175MS-277-F-98B18	WALL	1/175	METAL HALIDE LAMP CAST GUARD TAMPERPROOF 277 VOLT BALLAST	
K-5	CHLORIDE DUAL LITE LIGHALARM ESP-S-1-B SCWB-SG XBC-G-277	SURFACE	2/20	SINGLE FACE EXIT LIGHT ARROWS AS INDICATED ON DRAWINGS 277 VOLT	
K-6	CHLORIDE DUAL LITE LIGHALARM ESP-SG-1-B XWB-SG XBC-G-277	WALL	2/20	SINGLE FACE EXIT LIGHT ARROWS AS INDICATED ON DRAWINGS 277 VOLT	
K-7	CHLORIDE DUAL LITE LIGHALARM ESP-S-1-B-SPECIAL SCWB-SG XBC-G-277-SPECIAL	SURFACE	2/20	SPECIAL LETTERING "TO EXIT" 277 VOLT	
K-8	CROUSE HINDS CLX-10MHP-7-M-5152	POLE	2/1000	METAL HALIDE LAMP (2 @ 90°) 40" x 40" SQUARE STRAIGHT STEEL POLE FACTORY PAINTED WITH DARK BRONZE ENAMEL FINISH FUSE EACH LUMINAIRE AT BASE OF POLE (SEE FLOODLIGHT POLE BASE DETAIL THIS SHEET) 277 VOLT BALLAST	
K-9	HITEK HOLOPHANE KEENE SYLVANIA TWP-175M-120-SF-TP 1485-120-D108 331-175MA-VP-FS-TP WPK11-175MS-120-F-98B18	WALL	1/175	METAL HALIDE LAMP CAST GUARD TAMPERPROOF 120 VOLT BALLAST	

FLOOR OUTLET SCHEDULE		
TYPE	DESCRIPTION	REMARKS
A	LEW 6325B-DFB-NS	WITH 804 DRU DUPLEX RECEPTACLE
B	LEW 5325B-BE-NS	WITH TELEPHONE JACK ADAPTER
C	LEW 5325B-BE-NS	WITH MICROPHONE JACK
D	LEW SB-5S WITH TWO(2) 1" DRILL AND TAP	FOR SCOREBOARD CONTROL
E	LEW 6325B-DFB-NS	LESS DUPLEX RECEPTACLE FOR TELEVISION

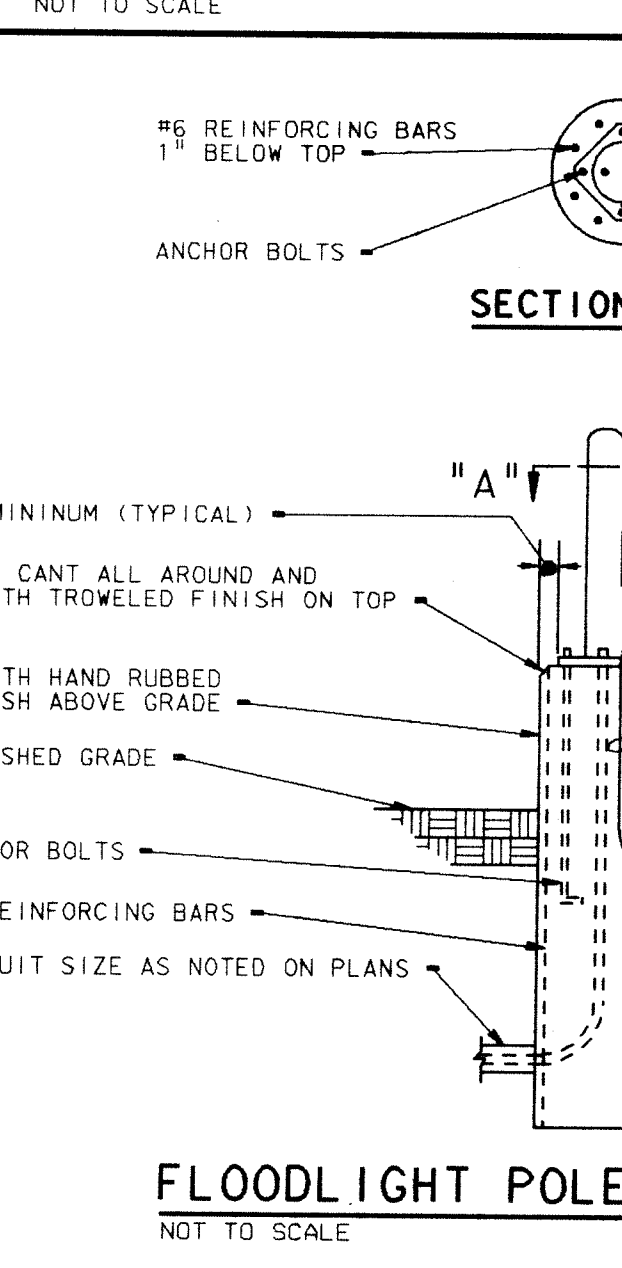
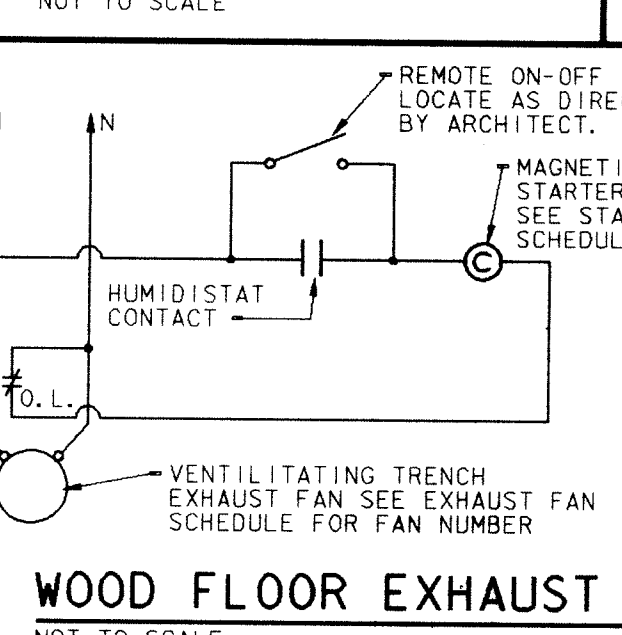
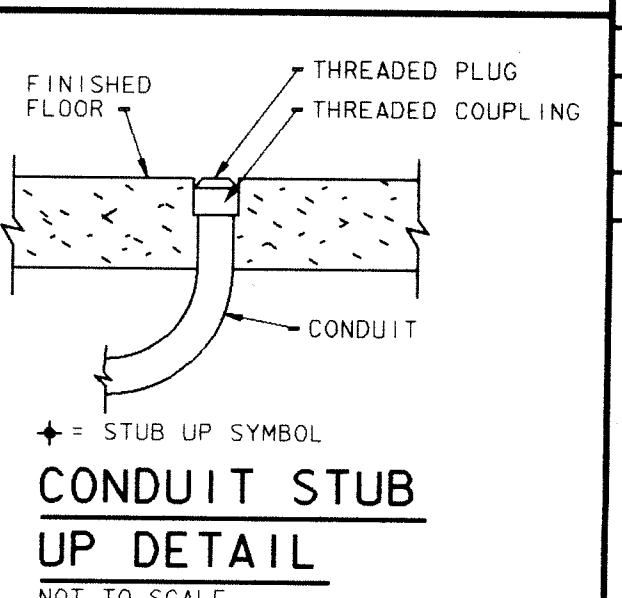
NOTES: 1. VERIFY EXACT LOCATION OF ALL FLOOR OUTLETS WITH ARCHITECTS.  
2. FURNISH AND INSTALL LEW OF-T-NS CARPET FLANGES WHERE REQUIRED.

RELAY SCHEDULE					
MARK & TYPE	ITEM	CONTROLLED CIRCUIT	COIL CIRCUIT	ROOM NUMBER	SEE NOTES
RA-1 ASCO® 91732031C	PHYSICAL EDUCATION LIGHTS	1H1-1, 3, 5	1H1-1	A-129	1, 2, 5, 6, 10
RA-2 ASCO® 91732031C	PHYSICAL EDUCATION LIGHTS	1H1-2, 4, 6	1H1-2	A-129	1, 2, 5, 6, 10
RA-3 ASCO® 91732031C	PHYSICAL EDUCATION LIGHTS	1H2-1, 3, 5	1H2-1	A-126	1, 2, 5, 6, 10
RA-4 ASCO® 91732031C	PHYSICAL EDUCATION LIGHTS	1H2-2, 4, 6	1H2-2	A-126	1, 2, 5, 6, 10
RA-5 ASCO® 91722031C	GYMNASIUM LIGHTS	1H1-8, 10	1H1-8	A-129	1, 2, 5, 6, 10
RA-6 ASCO® 91722031C	BUILDING SECURITY LIGHTS	1H1-14	1H1-14	A-129	1, 2, 3, 5, 6, 8, 11, 14
RA-7 ASCO® 91742031C	PARKING LOT LIGHTS	1H2-16, 18, 20, 22	1H2-16	A-126	1, 2, 3, 5, 6, 8, 11, 12, 14
RB-1 ASCO® 91742031C	SWIMMING POOL LIGHTS	F-1, 3, 5, 7	F-1	EXISTING STORAGE	1, 2, 5, 6, 9, 10, 12, 13

NOTES: 1. FURNISH NEMA I ENCLOSURE UNLESS OTHERWISE NOTED.  
2. FURNISH FUSE PROTECTION FOR COIL CIRCUIT.  
3. 120 VOLT COIL.  
4. ELECTRICALLY HELD.  
5. MECHANICALLY HELD.  
6. CONTACTS-NORMALLY OPEN.  
7. CONTACTS-NORMALLY CLOSED.  
8. PROVIDE HAND-OFF-AUTOMATIC SELECTOR SWITCH IN RELAY ENCLOSURES.  
9. PROVIDE ON-OFF SELECTOR SWITCH IN RELAY ENCLOSURE.  
10. 277 VOLT COIL.  
11. FURNISH ACCESSORY 47 (TWO WIRE CONTROL).  
12. ALTERNATE BID #6-1.  
13. ALTERNATE BID #6-4.  
14. PHOTOCLOCK-ON, TIMECLOCK-OFF.



WOOD FLOOR EXHAUST FAN CONTROL  
NOT TO SCALE  
(2 REQUIRED)  
NOTE: LOCATE IN CONCRETE TRENCH NEAR CENTER OF PLAYING FLOOR



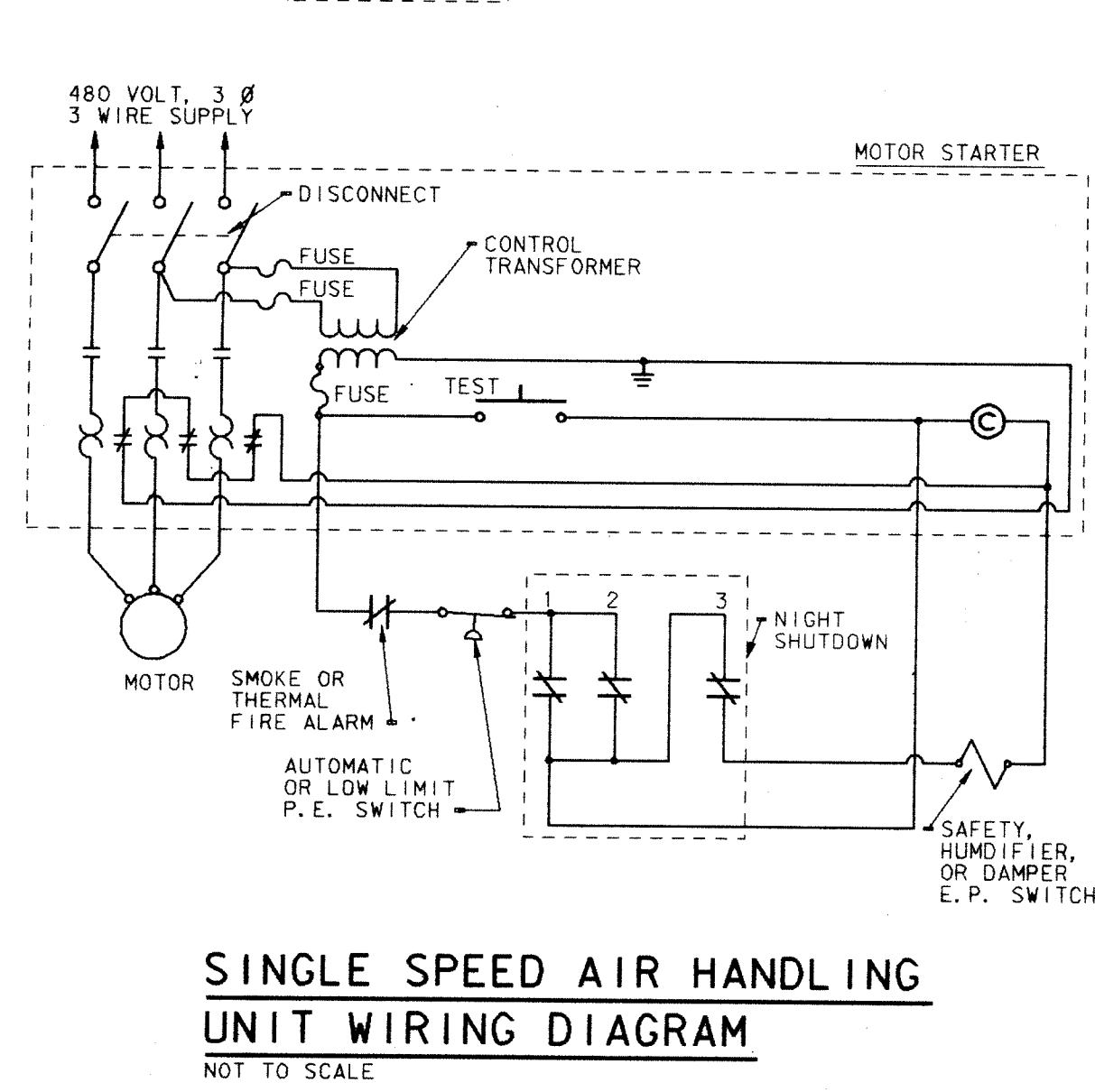
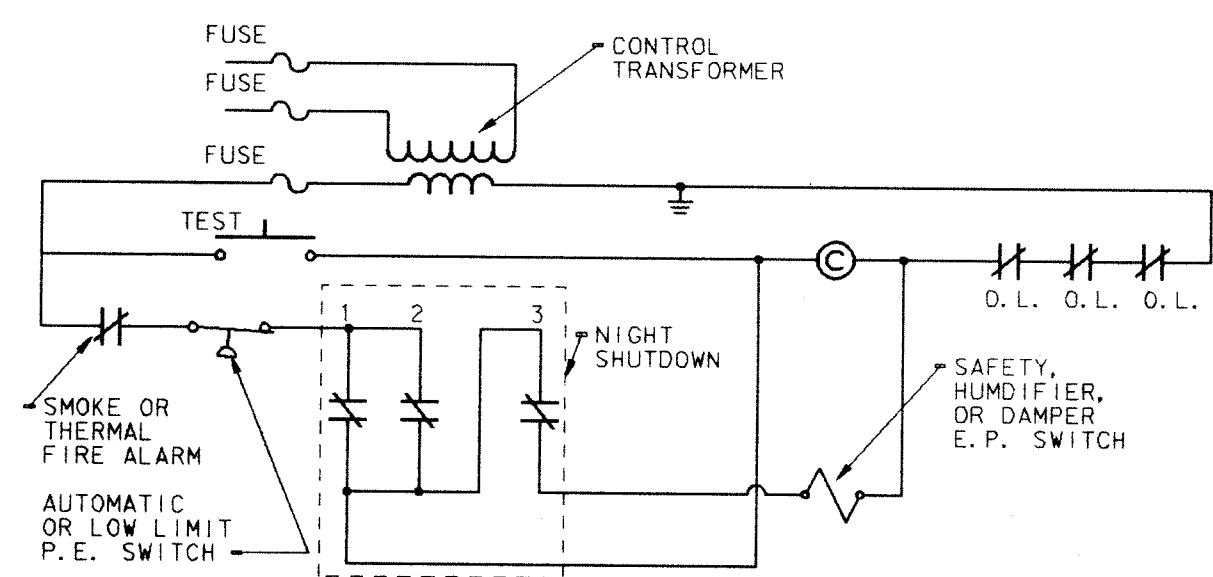
FLUORESCENT FIXTURE SCHEDULE					
TYPE	MANUFACTURER'S CATALOG NUMBER	MOUNT	LAMPS	REMARKS	
F-1	DAYBRITE GUTH INDY MILLER CG142-C02A-277-ESB-LP10 FS1-2444G-6TAK2 512-TB-658-244 E12192-S4N	RECESS	2/35	FLANGELESS CHASSIS WITH EARTHQUAKE CLIPS FRAMED HOLOPHANE 6245 LENS 277 VOLT ADVANCE MARK III BALLAST	
F-2	DAYBRITE GUTH INDY MILLER CG244-C020-277-ESB-LP10 FS1-2444G-6TAK2 512-TB-658-244 E12192-S4N	RECESS	4/35	FLANGELESS CHASSIS WITH EARTHQUAKE CLIPS FRAMED HOLOPHANE 6245 LENS 277 VOLT ADVANCE MARK III BALLAST	
F-3	DAYBRITE GUTH INDY MILLER CG244-C020-277-ESB-LP10 FS1-2444G-6TAK2 512-TB-658-244 E12192-S4N	RECESS	4/35	FLANGELESS CHASSIS WITH EARTHQUAKE CLIPS FRAMED HOLOPHANE 6245 LENS 277 VOLT ADVANCE MARK III BALLAST	
F-4	DAYBRITE GUTH INDY MILLER CG142-C02A-277-ESB-LP10-FMK14 FS1-2444G-6TAK2 512-TB-658-244 E12192-S4N	RECESS	2/35	FLANGELESS CHASSIS WITH EARTHQUAKE CLIPS FRAMED HOLOPHANE 6245 LENS 277 VOLT ADVANCE MARK III BALLAST	
F-5	INDY MORRIS KURTZON SW182-40 SW182-40	SURFACE	2/35	NEOPRENE GASKETING SUITABLE FOR WET LOCATIONS 277 VOLT ADVANCE MARK III BALLAST	
F-6	CROUSE HINDS DAYBRITE INDY MILLER H240-RV H41252-4 M4400-277 E22192-S4N	SURFACE	2/35	277 VOLT ADVANCE MARK III BALLAST	
F-7	CROUSE HINDS DAYBRITE GUTH INDY MILLER H240-RV H41252-4 M4400-277 E22192-S4N	PENDANT	2/35	CHAIN PENDANT MOUNT 30"X30" METAL LOUVERS 277 VOLT ADVANCE MARK III BALLAST	
F-8	DUAL LITE FL-2-FF-ARM-W2K	RECESS	-	EMERGENCY BATTERY UNIT 277 VOLT	
F-9	DAYBRITE GUTH INDY MILLER CG244-C020-277-ESB-LP10 FS1-2444G-6TAK2 512-TB-658-244 E12192-S4N	RECESS	3/35	FLANGELESS CHASSIS WITH EARTHQUAKE CLIPS FRAMED HOLOPHANE 6245 LENS 277 VOLT ADVANCE MARK III BALLAST	
F-10	PEERLESS 3CR-LD610110	RECESS	3/35	FLANGELESS CHASSIS ROTATABLE LIGHT FIXTURE COLOR OF LIGHT FIXTURE TO BE SELECTED BY ARCHITECT 277 VOLT BALLAST	
F-11	PEERLESS 3BR-LD610010	PENDANT	6/35	ROD PENDANT MOUNT ONE FOOT BELOW CEILING 6" ROUND ROTATABLE LIGHT FIXTURE COLOR OF LIGHT FIXTURE TO BE SELECTED BY ARCHITECT 277 VOLT BALLAST	
F-12	GLOBE GUTH INDY MILLER QYE-6951-4R FS1-2414F-6TAK2 P-4020-FKA YA-1110-04	RECESS	1/35	FLANGELESS CHASSIS FRAMED HOLOPHANE 6245 LENS 277 VOLT ADVANCE MARK III BALLAST	
F-13	ALKCO 640-277	WALL	1/35	277 VOLT ADVANCE MARK III BALLAST	

AUTOMATIC EXHAUST FAN SCHEDULE					
NUMBER ZONE	EXHAUST FAN NUMBER	POWER CIRCUIT	CONTROL TYPE	CONTROLLED BY	SEE NOTES
1	REF #2 REF #3 REF #5	1L1-29 1L1-29 1L1-13	I	CONTACTOR CA-1 ALLEN BRADLEY #702-AA99	A-129 1L1-22 1, 2, 3, 4, 5, 6
2	IEF #7	1L3-17	I	CONTACTOR CA-2 ALLEN BRADLEY #702-AA99	A-113 1L3-16 1, 2, 3, 4, 5, 6
3	IEF #1 IEF #2 IEF #3 IEF #5	1H2-31 1L3-11 1L3-11 1L3-13	II	CONTACTOR CA-3 ALLEN BRADLEY #702-AA99	A-113 1L3-18 1, 2, 3, 4, 5, 6
5	IEF #6	1L2-7	I	CONTACTOR CA-4 ALLEN BRADLEY #702-AA99	A-126 1L2-30 1, 2, 3, 4, 5, 6
-	REF #4	1L1-27	III	CONTACTOR CA-5 ALLEN BRADLEY #702-AA99	A-129 1L1-24 1, 2, 3, 4, 5, 6

NOTES: 1. ALL CONTACTORS SHALL HAVE NEMA I ENCLOSURE WITH HAND-OFF-AUTOMATIC SELECTOR SWITCH AND FUSE PROTECTION FOR COIL CIRCUITS UNLESS OTHERWISE NOTED.  
2. CONTACTORS SHALL BE ELECTRICALLY HELD.  
3. CONTACTORS SHALL HAVE 120 VOLT COIL.  
4. CONTACTORS SHALL HAVE NORMALLY OPEN CONTACTS.  
5. CONTACTOR SHALL BE NEMA SIZE C OR OPEN CONTACTS.  
6. SEE TYPICAL AUTOMATIC EXHAUST FAN WIRING CONTROL DIAGRAMS.

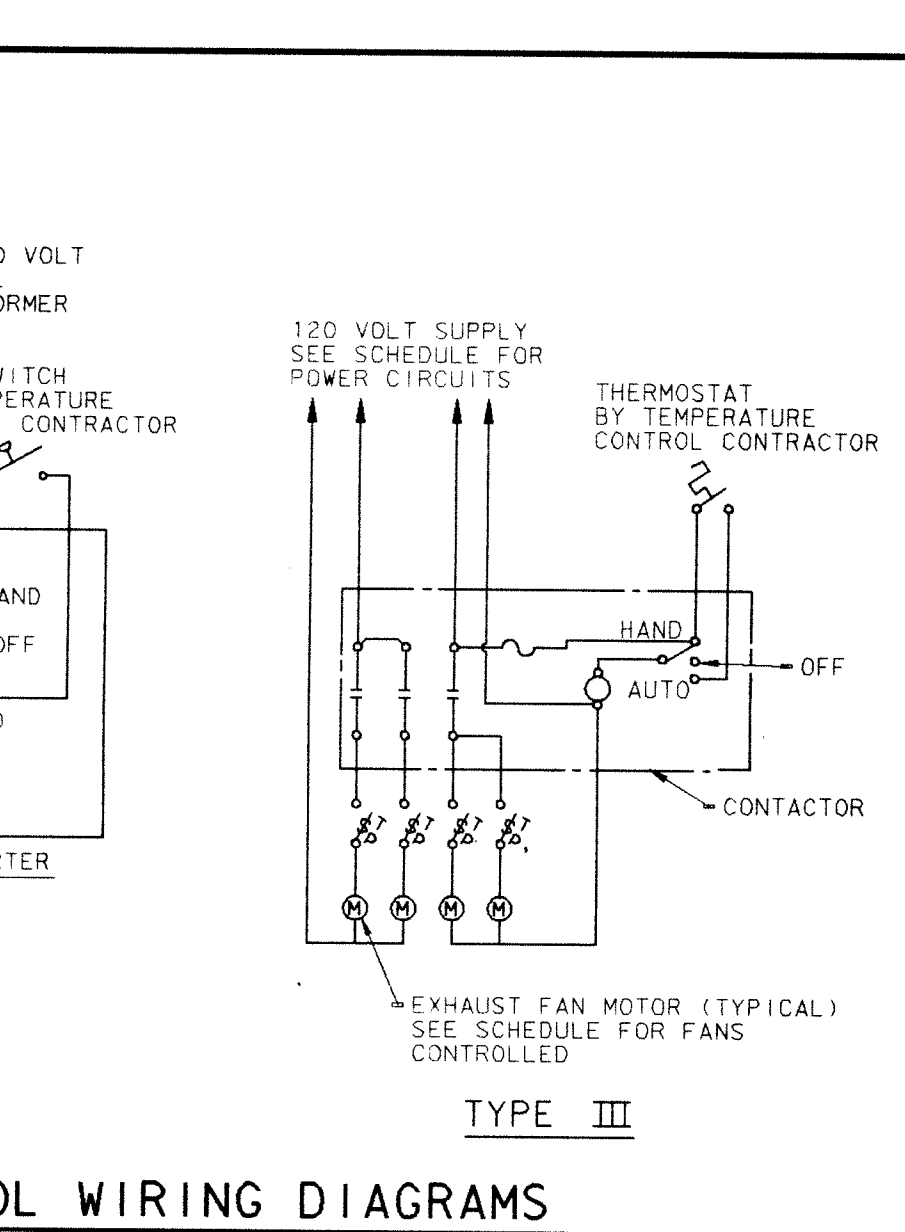
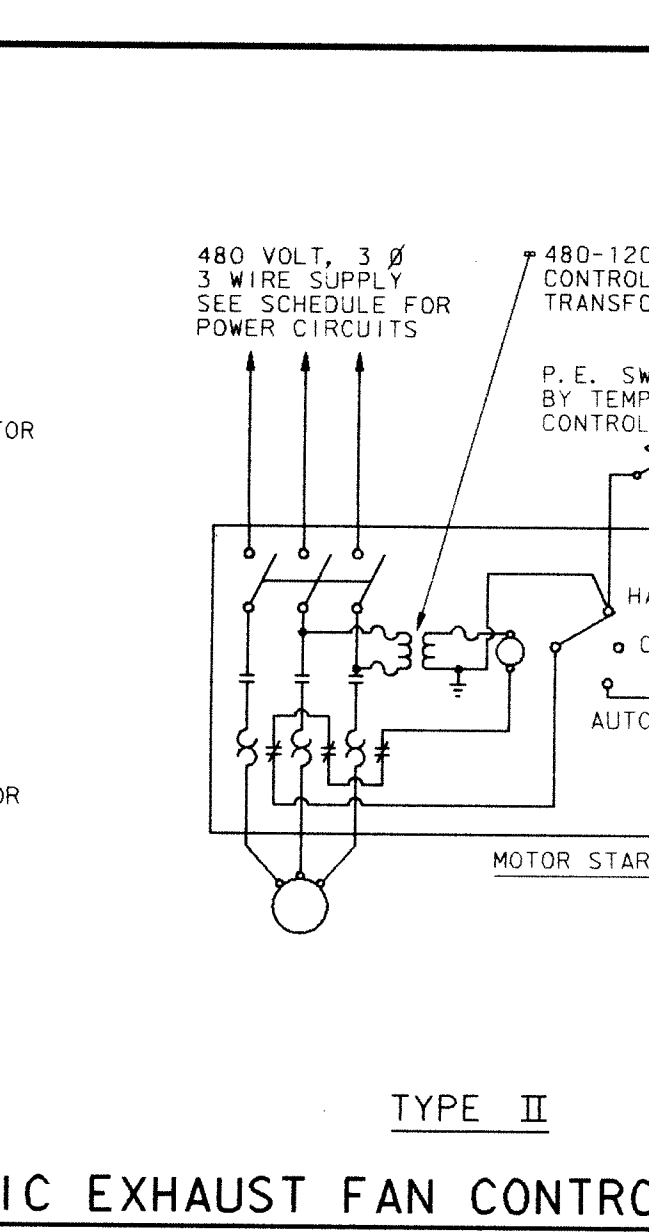
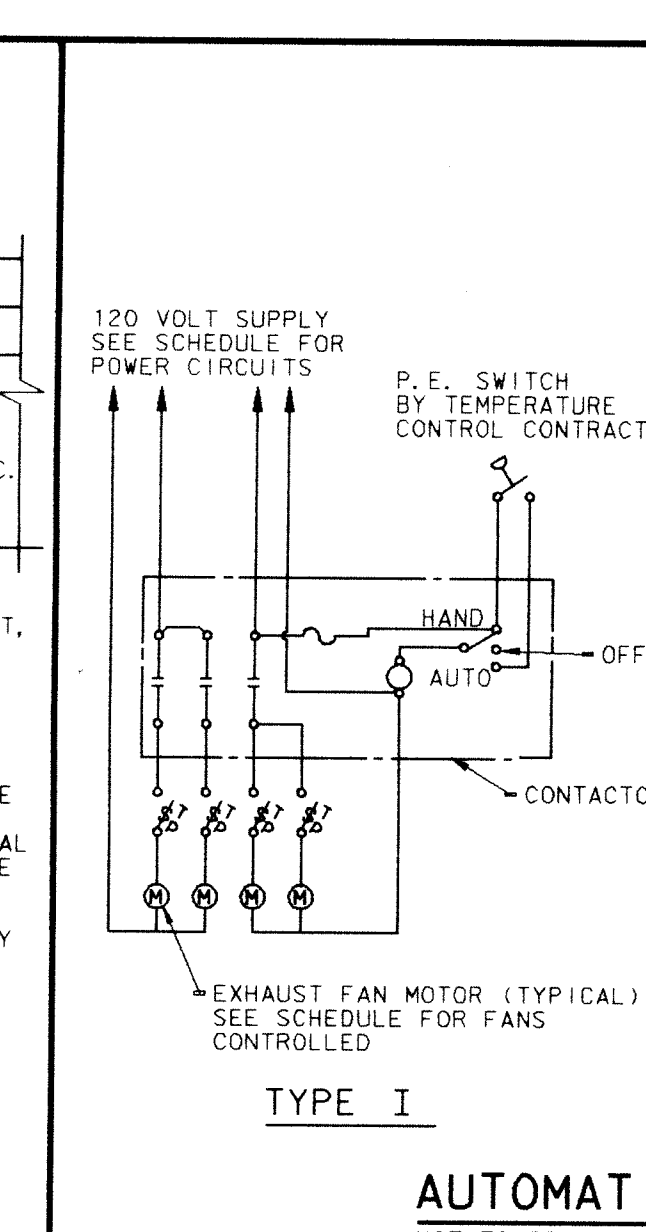
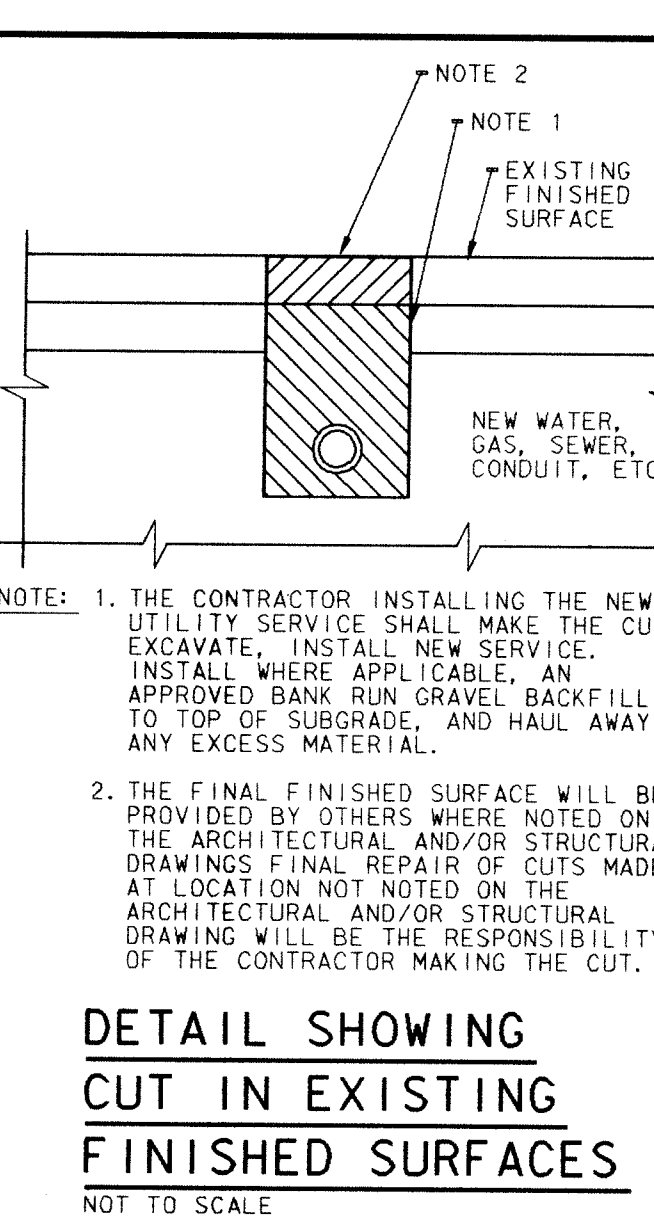
MOTOR STARTER SCHEDULE									
MARK	ITEM	SPEED	NEMA SIZE	HP	AUXILIARY CONTACTS	ROOM NUMBER	CONTROL	ENCL. REMOTE	SEE NOTES
MSA-1	AIR HANDLING UNIT #1	1	2	15	1 -	A-203	T -	-	1, 2, 3, 4
MSA-2	AIR HANDLING UNIT #2	1	2	15	1 -	A-202	T -	-	1, 2, 3, 4
MSA-3	AIR HANDLING UNIT #3	1	0	3	1 -	A-203	T -	-	1, 2, 3, 4
MSA-4	AIR HANDLING UNIT #4	1	0	3	1 -	A-202	T -	-	1, 2, 3, 4
MSA-5	AIR HANDLING UNIT #5	1	1	5	1 -	A-204	T -	-	1, 2, 3, 4
MSA-6	AIR HANDLING UNIT #6	1	1	5	1 -	A-201	T -	-	1, 2, 3, 4
MSA-7	INLINE EXHAUST FAN #1	1	0	.75	1 -	A-201A	SA -	-	1, 2, 3, 4
MSA-8	INLINE EXHAUST FAN #9	1	0	1/3	1 -	A-201	S -	-	5, 9
MSA-9	INLINE EXHAUST FAN #10	1	0	1/4	1 -	A-202	S -	-	5, 9

NOTES: 1. MOTOR STARTERS SHALL BE 3-POLE COMBINATION TYPE WITH NEMA ENCLOSURE.  
2. MOTOR STARTERS SHALL HAVE 480/120 VOLT CONTROL CIRCUIT TRANSFORMER WITH CONTROL CIRCUIT FUSES.  
3. MOTOR STARTERS SHALL HAVE 120 VOLT COIL AND 480 VOLT CONTACTS.  
4. 120 VOLT MAINTAINED CONTACT PUSH BUTTON, P1-ON-OFF, P2-TEST BUTTON; P2-HI-LO TEST PUSHBUTTON; P2-HI-LO-OFF.  
5. 120 VOLT MAINTAINED CONTACT SELECTOR SWITCH, S1-ON-OFF, S2-HI-LO-OFF, S3-HAND-OFF-AUTOMATIC.  
6. PILOT LIGHTS SHALL BE FURNISHED WITH ALL REMOTE CONTROL UNITS.  
7. EXISTING MOTOR STARTER.  
8. FURNISH AND INSTALL ENERGY SAVING POWER FACTOR CONTROLLER.  
9. MAGNETIC STARTER, WITH 120 VOLT COIL AND CONTACTS.




ELECTRICAL SYMBOL SCHEDULE			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
F-3	FLUORESCENT LIGHT FIXTURE F-3 INDICATES FIXTURE TYPE	□	ELECTRICAL PANELBOARD
□	FLUORESCENT LIGHT FIXTURE (EMERGENCY/WALK THRU/SECURITY) F-3 INDICATES FIXTURE TYPE	⊙	JUNCTION BOX-WALL MOUNTED-ALLOW 4'-0" OF WIRE FOR CONNECTION
⊙	INCANDESCENT/HIGH INTENSITY DISCHARGE LIGHT FIXTURE K-3 INDICATES FIXTURE TYPE	⊙	JUNCTION BOX-CEILING MOUNTED-ALLOW 4'-0" OF WIRE FOR CONNECTION
⊙	INCANDESCENT/HIGH INTENSITY DISCHARGE LIGHT FIXTURE (EMERGENCY/WALK THRU/SECURITY) K-3 INDICATES FIXTURE TYPE	⊙	CONDUIT STUP UP-COUPLING FLUSH WITH FINISHED FLOOR-SEE DETAIL
⊙	EXIT LIGHT FIXTURE-CEILING MOUNTED-BAR INDICATES FACE	⊙	MOTOR
⊙	EXIT LIGHT FIXTURE-CEILING MOUNTED-ARROW INDICATES FACE WITH DIRECTIONAL ARROW	⊙	LOUD SPEAKER-WALL MOUNTED
⊙	EXIT LIGHT FIXTURE-WALL MOUNTED-BAR INDICATES FACE	⊙	HORN OR PROJECTOR SPEAKER
⊙	EXIT LIGHT FIXTURE-WALL MOUNTED-ARROW INDICATES FACE WITH DIRECTIONAL ARROW	⊙	SPEAKER-CEILING MOUNTED-RECESSED
⊙	3 AMPERE RATED 25 VOLT SWITCH (LOW VOLTAGE SYSTEM)	⊙	PUSH TO CALL SWITCH
⊙	WALL DIMMER	⊙	MICROPHONE JACK
⊙	20 AMPERE RATED 120/277 VOLT SINGLE POLE SWITCH	⊙	MICROPHONE FLOOR BOX-T-INDICATES TYPE-SEE FLOOR BOX SCHEDULE
⊙	20 AMPERE RATED 120/277 VOLT TWO POLE SWITCH	⊙	VOLUME CONTROL
⊙	20 AMPERE RATED 120/277 VOLT THREE WAY SWITCH	⊙	AUXILIARY INPUT JACK
⊙	20 AMPERE RATED 120/277 VOLT FOUR WAY SWITCH	⊙	SOUND TERMINAL CABINET
⊙	20 AMPERE RATED 120/277 VOLT MOMENTARY SWITCH	⊙	FIRE ALARM MANUAL STATION
⊙	KEY OPERATED SWITCH	⊙	FIRE ALARM HORN AND VISUAL FIRE ALARM SIGNAL LIGHT
⊙	SWITCH WITH PILOT LIGHT	⊙	FIRE ALARM MANUAL STATION WITH HORN AND VISUAL FIRE ALARM SIGNAL LIGHT LOCATED ABOVE
⊙	MANUAL MOTOR STARTER WITH THERMAL OVERLOADS AND PILOT LIGHTS	⊙	FIRE DETECTOR (THERMAL) -AREA-R- INDICATES TEMPERATURE SETTING
⊙	COMBINATION MOTOR STARTER	⊙	FIRE DETECTOR (THERMAL) -DUCT- FURNISHED AND INSTALLED BY OTHERS
⊙	MAGNETIC MOTOR STARTER	⊙	FIRE DETECTOR (SMOKE) -AREA-R- INDICATES TEMPERATURE SETTING
⊙	NONFUSED SAFETY SWITCH-R-INDICATES AMPERE RATING	⊙	FIRE DETECTOR (SMOKE) -DUCT- FURNISHED AND INSTALLED BY OTHERS
⊙	20 AMPERE RATED 3 WIRE 120 VOLT DUPLEX RECEPTACLE WITH GROUND	⊙	DOOR HOLDER-FURNISHED AND INSTALLED BY OTHERS, WIRED COMPLETE BY ELECTRICAL CONTRACTOR
⊙	15 AMPERE RATED 3 WIRE 120 VOLT DUPLEX RECEPTACLE WITH GROUND-HORIZONTAL MOUNTED	⊙	CABINET HEATER
⊙	15 AMPERE RATED 3 WIRE 120 VOLT DUPLEX RECEPTACLE WITH GROUND-HORIZONTAL MOUNTED	⊙	CLASSROOM UNIT VENTILATOR
⊙	15 AMPERE RATED 3 WIRE 120 VOLT DUPLEX RECEPTACLE CONCEALED BEHIND WATER COOLER-VERIFY EXACT HEIGHT AND LOCATION	⊙	FAN COIL
⊙	15 AMPERE RATED 5 WIRE SPLIT WIRED 120 VOLT DUPLEX RECEPTACLE WITH GROUND (CONSTANT NOT CONTROLLED)	⊙	UNIT HEATER
⊙	250 VOLT RATED RECEPTACLE-N-INDICATES NUMBER OF POLES-R-INDICATES AMPERE RATING	⊙	REF
⊙	SPECIAL RECEPTACLE-SEE FLOOR PLANS	⊙	AHU
⊙	FLOOR BOX-T-INDICATES TYPE-SEE FLOOR BOX SCHEDULE	⊙	WEATHERPROOF-SEE SPECIFICATIONS
⊙	TELEPHONE FLOOR BOX-T-INDICATES TYPE-SEE FLOOR BOX SCHEDULE	⊙	EXPLOSION PROOF-SEE SPECIFICATIONS
⊙	TELEPHONE RECEPTACLE	⊙	VP
⊙	TELEPHONE TERMINAL BOARD	⊙	GF1
⊙	TELEVISION TAP OFF IN TWO GANG BOX WITH 15 AMPERE RATED 3 WIRE 120 VOLT DUPLEX RECEPTACLE WITH GROUND-SEE DETAIL		
⊙	CLOCK-SINGLE FACE-SEE SPECIFICATIONS		
⊙	CLOCK-DOUBLE FACE-SEE SPECIFICATIONS		
⊙	BELL-CLASSROOM/CORRIDOR UNLESS OTHERWISE NOTED		

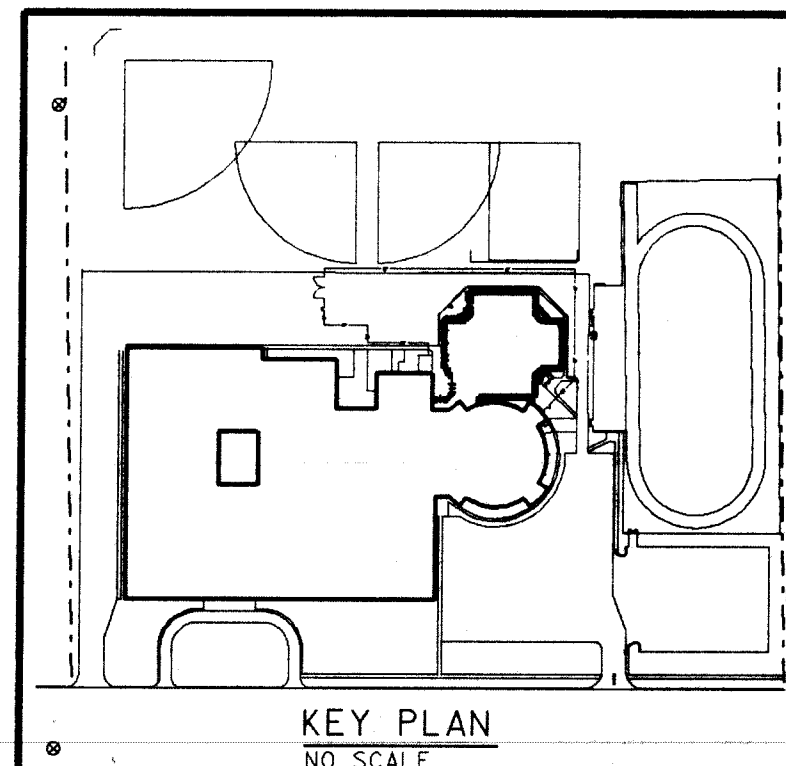
NOTE: 1. NOT ALL SYMBOLS ARE USED ON THIS PROJECT.



GENERAL NOTES - APPLY TO ALL SHEETS:  
1. VERIFY ALL DIMENSIONS FROM ARCHITECTURAL PLANS.  
2. DIMENSIONS SHOWN ON OUTLET BOXES SHALL BE FROM THE FINISHED FLOOR TO THE TOP OF THE BOX.  
3. THE ELECTRICAL CONTRACTOR SHALL CENTER CLOCKS ABOVE DOORS, CHALKBOARDS OR IN WALL SPACES ALIGNED WITH CEILING GRID AS REQUESTED BY THE ARCHITECT.  
4. CONDUIT TO LIGHTS IS SHOWN TO INDICATE SWITCHING AND DOES NOT INDICATE QUANTITY OR EXACT LOCATION. OTHER CONDUIT SHOWN INDICATES CONNECTION, BUT DOES NOT INDICATE QUANTITY OR EXACT LOCATION.  
5. FLUORESCENT FIXTURES SHALL BE SUPPORTED FROM STRUCTURE ABOVE - SEE DETAIL THIS SHEET.  
6. FLUORESCENT FIXTURES INSTALLED IN ACOUSTICAL TILE SHALL BE ON ONE FOOT MODULES.  
7. ALL FLUORESCENT FIXTURES MOUNTED INDEPENDENTLY SHALL BE FURNISHED WITH TWO END PLATES. FLUORESCENT FIXTURES MOUNTED IN A CONTINUOUS ROW SHALL BE FURNISHED WITH PROPER NUMBER OF CONNECTORS. END PLATES SHALL BE FURNISHED AT THE ENDS OF EACH ROW ONLY.  
8. PLASTER FRAMES AND/OR RINGS SHALL BE PROVIDED WHERE REQUIRED BY CEILING CONSTRUCTION.  
9. VERIFY LOCATION OF LIGHTS IN ROOMS CONTAINING EXPOSED DUCTWORK AND PIPING BY OTHER TRADES AND RELOCATE, IF NECESSARY, AS REQUESTED BY THE ARCHITECT.  
10. VERIFY LOCATION OF MOTOR STARTERS, DISCONNECTS, PANELBOARDS, ETC., IN ROOMS CONTAINING EXPOSED DUCTWORK AND PIPING BY OTHER TRADES AND RELOCATE TO AN ADJACENT, UNOBSTRUCTED AREA AS REQUESTED BY ARCHITECT.  
11. VERIFY HEIGHT AND LOCATION OF OUTLETS BEHIND WATER COOLERS WITH OTHER TRADES, SO THAT OUTLETS ARE CONCEALED.  
12. SEE MECHANICAL PLANS FOR EXHAUST FAN AND POWER CIRCUITS.  
13. ALL FREE STANDING ITEMS OF ELECTRICAL EQUIPMENT SHALL BE INSTALLED ON FOUR INCH 14" CONCRETE PADS BY ELECTRICAL CONTRACTOR UNLESS NOTED TO BE FURNISHED BY OTHER TRADES.  
14. VERIFY EXACT LOCATION OF ALL OUTLETS IN LABORATORY EQUIPMENT, AND BUILT-IN FURNITURE WITH EQUIPMENT SUPPLIERS ROUGH-IN DRAWINGS BEFORE ROUGHING IN.



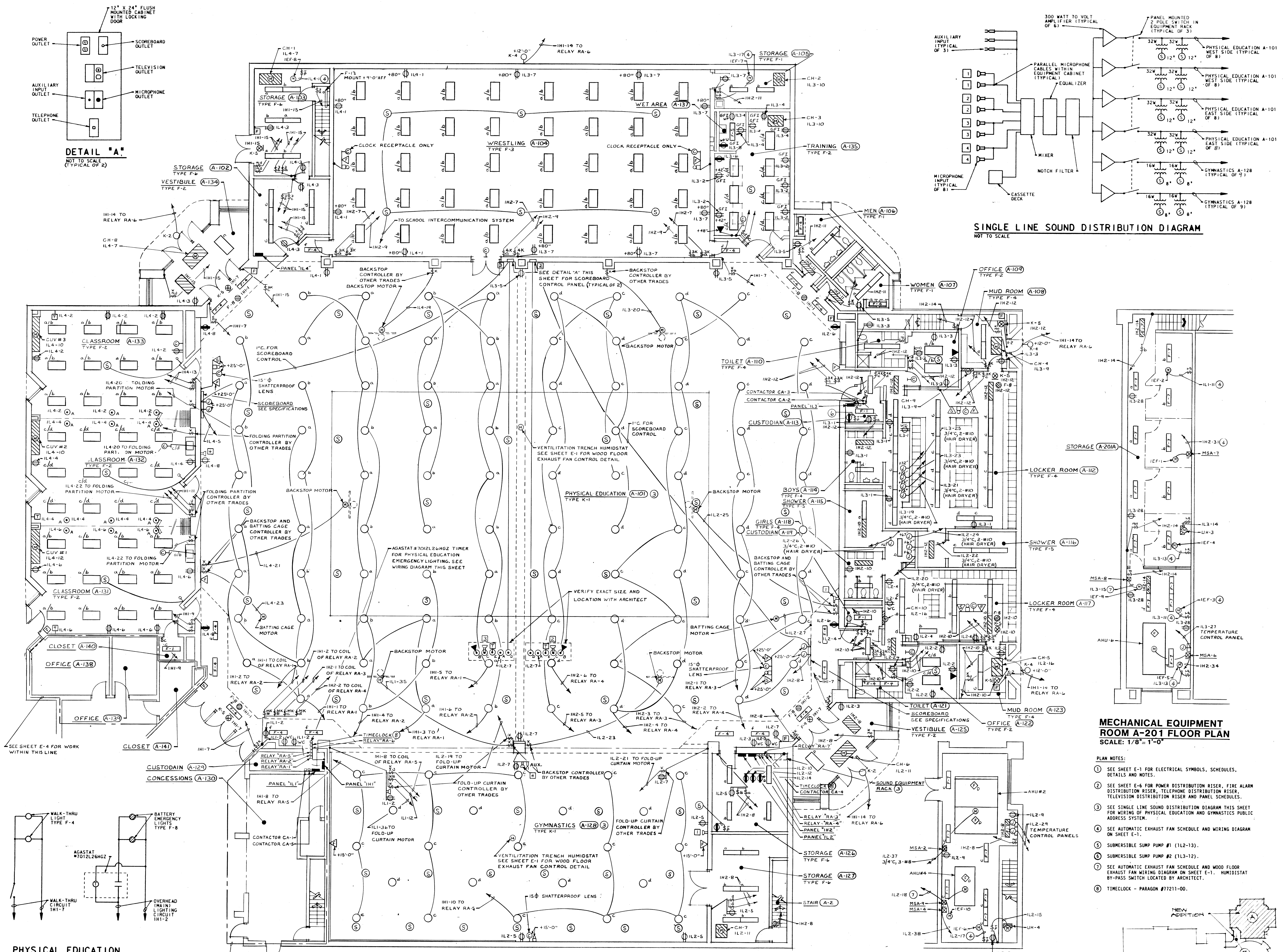
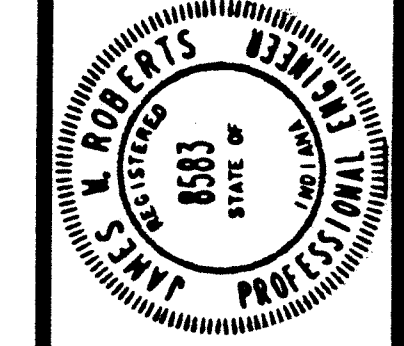
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>PROJECT 851-190</p> <p>DATE MAR. 24, 1986</p> </div> <div style="text-align: center;">  <p><i>James W. Roberts</i></p> </div> <div> <p>REVISED</p> </div> </div>		<h1 style="margin: 0;">EVERETT · I · BROWN COMPANY</h1> <p style="margin: 0;">ARCHITECTS ENGINEERS</p> <p style="margin: 0;">• INDIANAPOLIS, INDIANA • 46204</p>
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>NO. E-2</p> <p>OF 6</p> </div> <div style="text-align: center;"> <p>941 NORTH MERIDIAN STREET ·</p> <p>LAWRENCE CENTRAL HIGH SCHOOL</p> </div> </div>		



NO. E-2  
OF 6



James W. Roberts  
PROJECT 851-190  
DATE MARCH 24, 1968  
REVISED



**SINGLE LINE SOUND DISTRIBUTION DIAGRAM**  
NOT TO SCALE

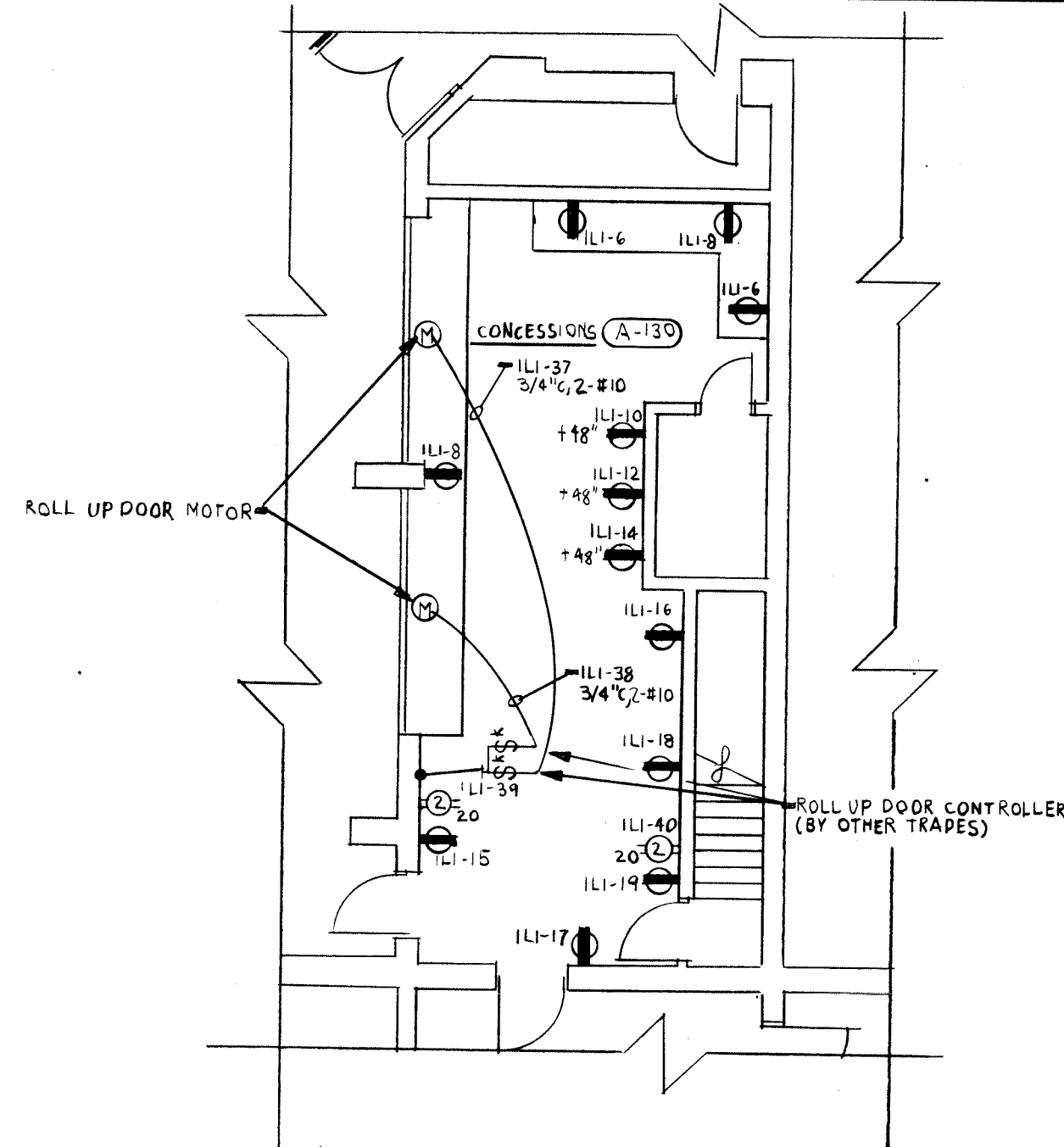
**MECHANICAL EQUIPMENT ROOM A-201 FLOOR PLAN**  
SCALE: 1/8" = 1'-0"

- PLAN NOTES:**
- SEE SHEET E-1 FOR ELECTRICAL SYMBOLS, SCHEDULES, DETAILS AND NOTES.
  - SEE SHEET E-6 FOR POWER DISTRIBUTION RISER, FIRE ALARM DISTRIBUTION RISER, TELEPHONE DISTRIBUTION RISER, TELEVISION DISTRIBUTION RISER AND PANEL SCHEDULES.
  - SEE SINGLE LINE SOUND DISTRIBUTION DIAGRAM THIS SHEET FOR WIRING OF PHYSICAL EDUCATION AND GYMNASIUMS PUBLIC ADDRESS SYSTEM.
  - SEE AUTOMATIC EXHAUST FAN SCHEDULE AND WIRING DIAGRAM ON SHEET E-1.
  - SUBMERSTIBLE SUMP PUMP #1 (112-13).
  - SUBMERSTIBLE SUMP PUMP #2 (113-12).
  - SEE AUTOMATIC EXHAUST FAN SCHEDULE AND WOOD FLOOR EXHAUST FAN WIRING DIAGRAM ON SHEET E-1. HUMIDISTAT BY-PASS SWITCH LOCATED BY ARCHITECT.
  - TIMECLOCK - PARAGON #77211-00.

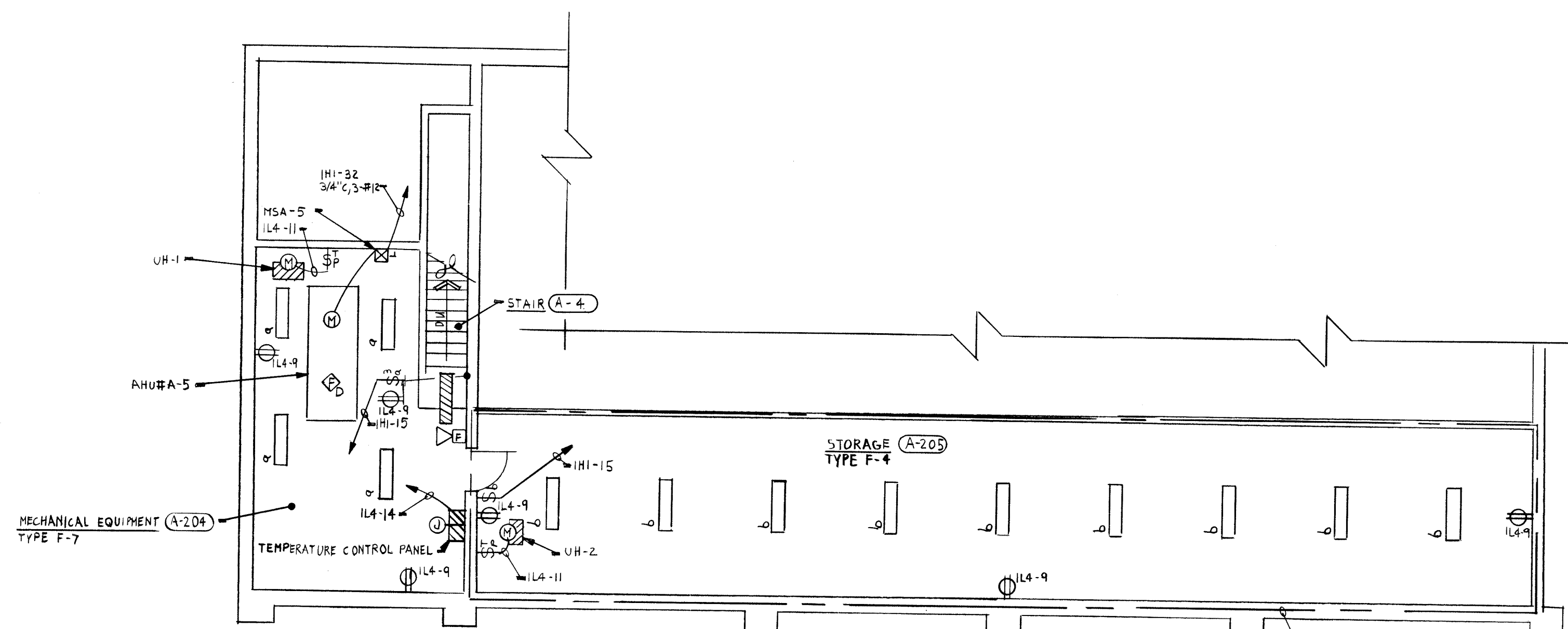


**PLAN NOTES:**

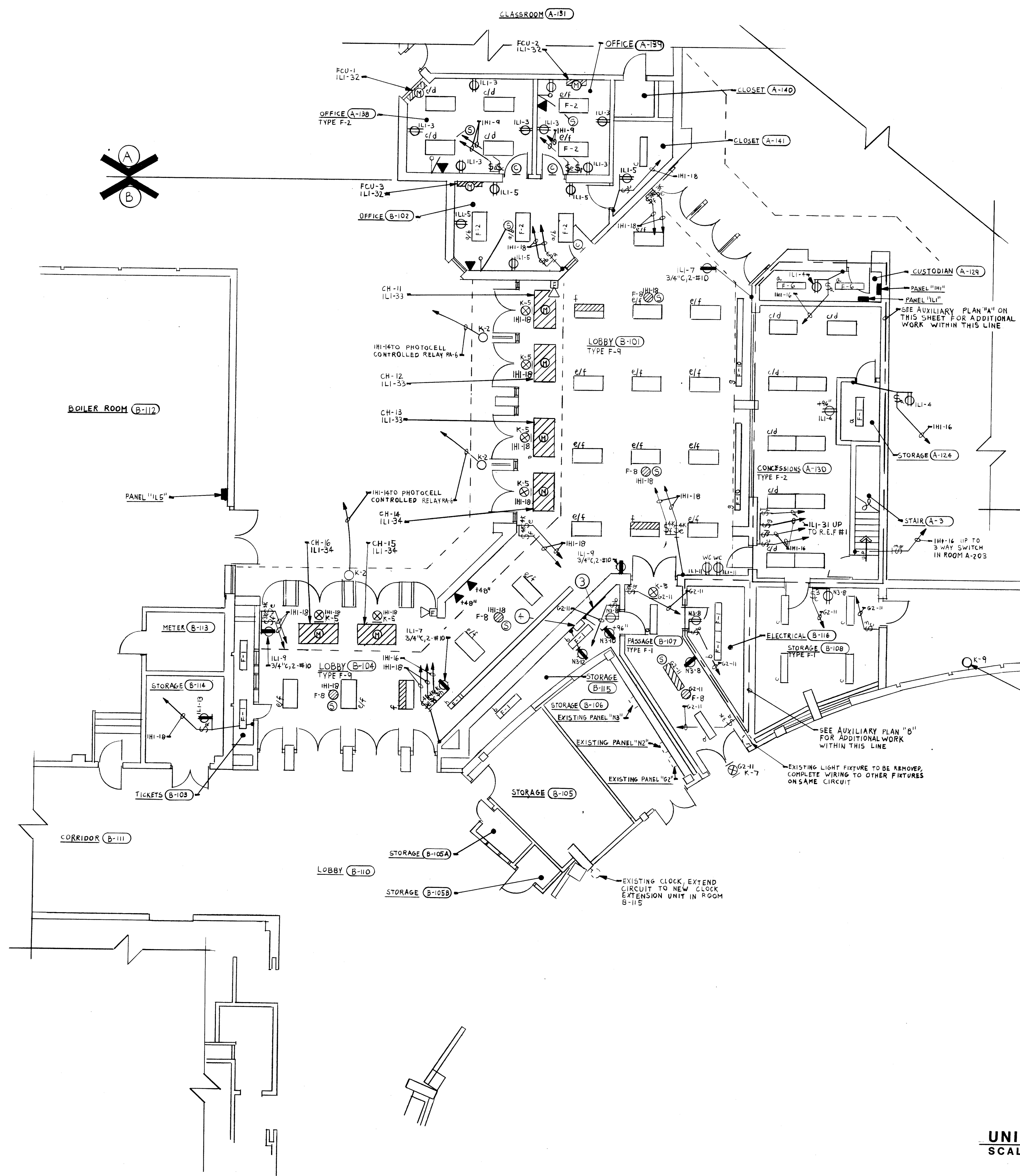
- SEE SHEET E-1 FOR ELECTRICAL SYMBOLS, SCHEDULES, DETAILS, AND NOTES.
- SEE SHEET E-6 FOR POWER DISTRIBUTION RISER, FIRE ALARM DISTRIBUTION RISER, TELEPHONE DISTRIBUTION RISER, TELEVISION DISTRIBUTION RISER, AND PANEL SCHEDULES.
- 4'-0" X 4'-0" X 3/4" PLYWOOD BACKBOARD FOR TELEPHONE TERMINAL BOARD.
- MASTER CLOCK EXTENSION UNIT.
- SEE KEY PLAN FOR LOCATION OF ADDITIONAL WORK SHOWN ON ARCHITECTURAL FLOOR PLAN A-1.



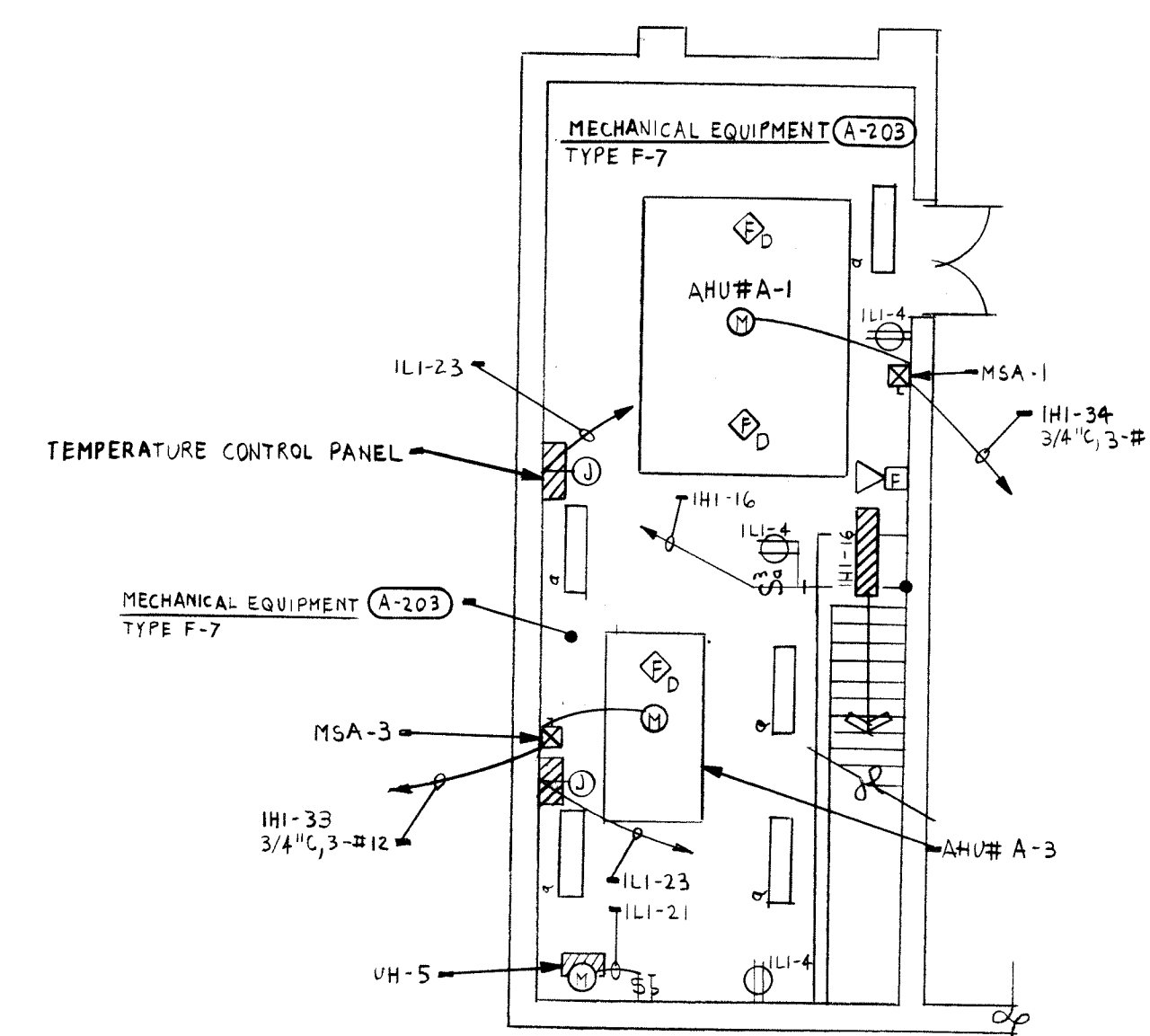
**AUXILIARY PLAN "A"**  
SCALE: 1/8" = 1'-0"



**MECHANICAL EQUIPMENT A-204 & STORAGE A-205 FLOOR PLAN**  
SCALE: 1/8" = 1'-0"

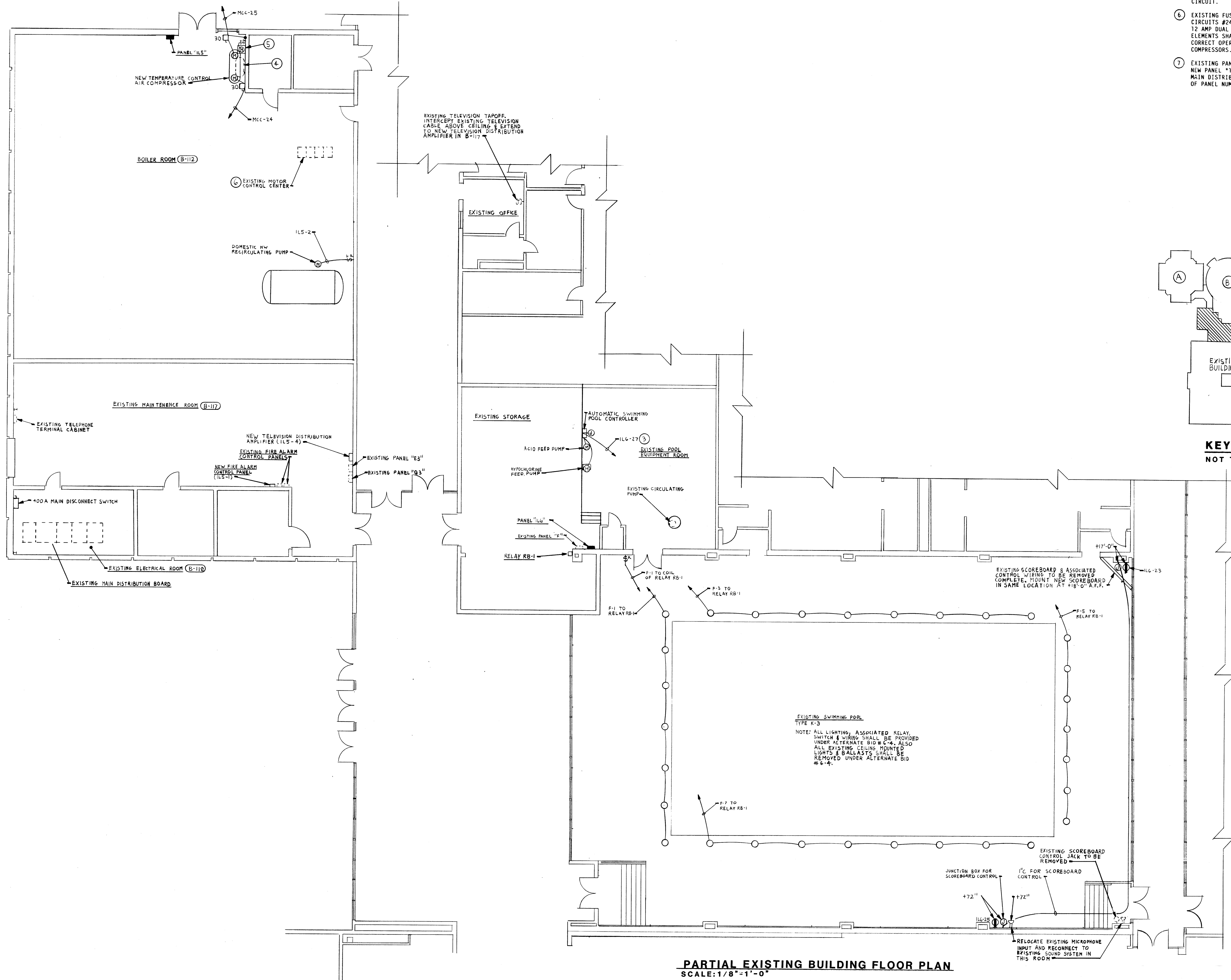


**UNIT "B" FLOOR PLAN**  
SCALE: 1/8" = 1'-0"



**MECHANICAL EQUIPMENT ROOM 2**





**PARTIAL EXISTING BUILDING FLOOR PLAN**  
SCALE: 1/8" = 1'-0"

- PLAN NOTES:**
- SEE SHEET E-1 FOR ELECTRICAL SYMBOLS, SCHEDULES, DETAILS AND NOTES.
  - SEE SHEET E-6 FOR POWER DISTRIBUTION RISER, FIRE ALARM DISTRIBUTION RISER, TELEPHONE DISTRIBUTION RISER, TELEVISION DISTRIBUTION RISER AND PANEL SCHEDULES.
  - THE AUTOMATIC SWIMMING POOL CONTROLLER SHALL BE ELECTRICALLY INTERLOCKED WITH THE EXISTING SWIMMING POOL CIRCULATING PUMP MOTOR STARTER SO THAT THE CHEMICAL FEED PUMPS CANNOT RUN WHEN THE CIRCULATING PUMP MOTOR STARTER IS DE-ENERGIZED.
  - EXISTING TEMPERATURE CONTROL AIR COMPRESSOR AND AFTERCOOLER TO BE DISCONNECTED FOR REMOVAL BY OTHERS. DISCONNECT AND REMOVE ASSOCIATED DISCONNECTS AND SWITCHES.
  - RECONNECT NEW AFTERCOOLER TO EXISTING AFTERCOOLER CIRCUIT.
  - EXISTING FUSES IN EXISTING MOTOR CONTROL CENTER, CIRCUITS #24 AND #25, SHALL BE REPLACED WITH NEW 12 AMP DUAL ELEMENT TIME DELAY FUSES. EXISTING HEATER ELEMENTS SHALL BE REPLACED WITH NEW ELEMENTS SIZED FOR CORRECT OPERATION OF NEW TEMPERATURE CONTROL AIR COMPRESSORS.
  - EXISTING PANEL "04" SHALL BE REMOVED AND REPLACED WITH NEW PANEL "116" IN SAME LOCATION. RELABEL EXISTING MAIN DISTRIBUTION PANEL IN B-118 TO REFLECT THE CHANGE OF PANEL NUMBER.

