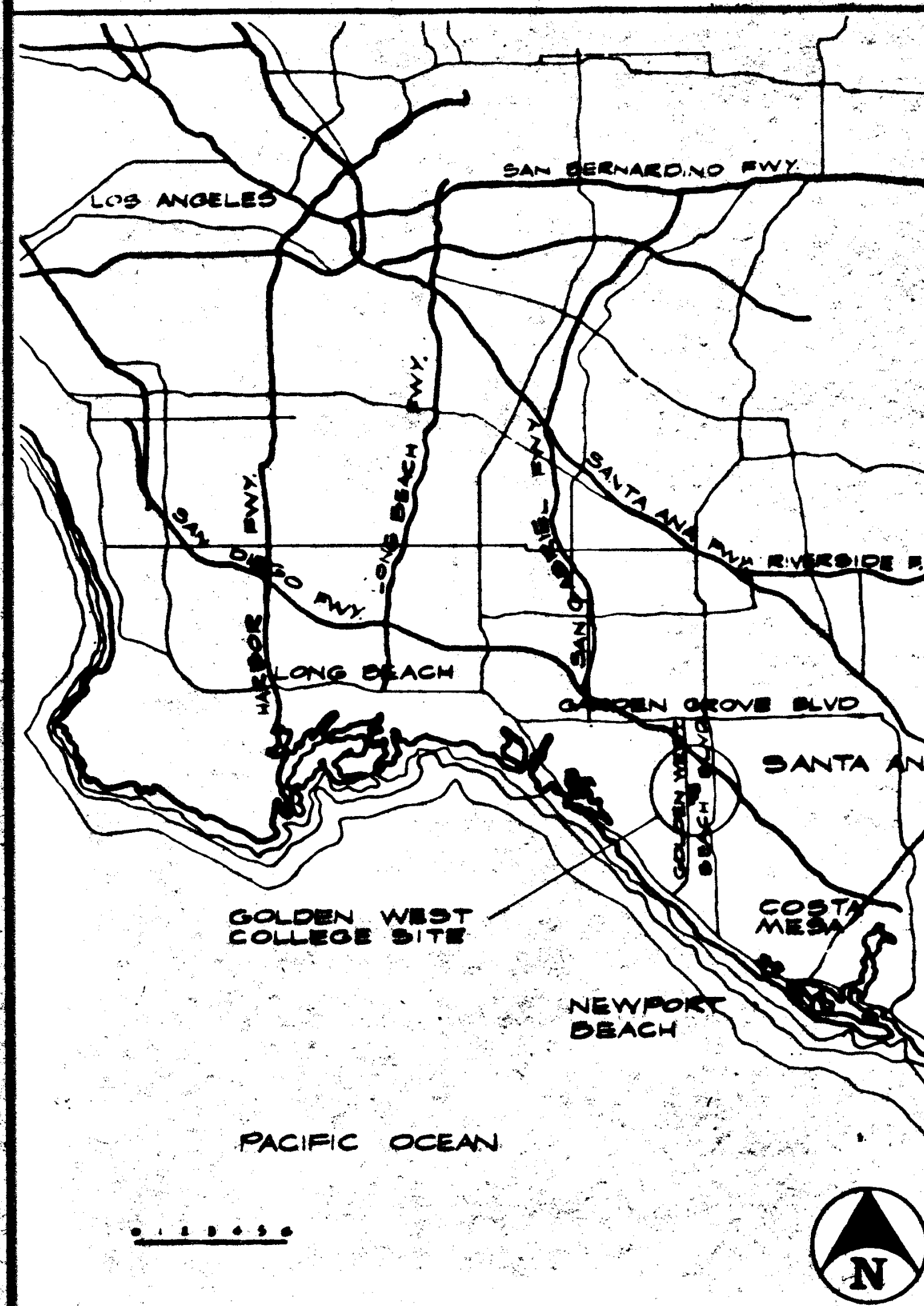


# LOCATION MAP



# GENERAL NOTES

- FIRE ZONE 3
- OCCUPANCY GROUP: EDUCATIONAL UNIT 2A: B-2  
STUDENT SERVICES CENTER: B-2
- TOTAL SQUARE FEET AT GROUND FLOOR:  
EDUCATIONAL UNIT 2A: 9450 S.F.  
STUDENT SERVICES CENTER: 4800 S.F.
- CONSTRUCTION: EDUCATIONAL UNIT 2A: TYPE V, 1 HOUR  
STUDENT SERVICES CENTER: TYPE IV, 1 HOUR
- BUILDING CONSTRUCTION ORDINANCE: TITLE 19 - PUBLIC SAFETY AND TITLE 21 - PUBLIC WORKS, CALIFORNIA ADMINISTRATIVE CODE, UNIFORM BUILDING CODE, 1973 EDITION.
- THIS IS AN EXISTING CAMPUS. THERE ARE NUMEROUS UNDERGROUND UTILITIES AND SERVICES THROUGHOUT THE CAMPUS. THESE DRAWINGS ATTEMPT TO COVER EXISTING CONDITIONS AS THOROUGHLY AS POSSIBLE. HOWEVER, IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROCEED WITH EXTREME CAUTION DURING ALL EXCAVATION AND CONSTRUCTION TO INSURE THAT NO DAMAGE WILL OCCUR TO EXISTING UNDERGROUND UTILITIES AND SERVICES. THE CONTRACTOR WILL IMMEDIATELY NOTIFY THE ARCHITECT OF ANY EXISTING CONSTRUCTION ENCOUNTERED AND DAMAGED DURING CONSTRUCTION TO ALLOW DIRECTION FROM THE ARCHITECT CONCERNING REMEDIAL ACTION TO BE TAKEN BY THE CONTRACTOR.
- CONTRACTOR SHALL INVESTIGATE, VERIFY AND BE RESPONSIBLE FOR ALL CONDITIONS AND DIMENSIONS OF THE PROJECT AND SHALL NOTIFY ARCHITECT ABOUT ANY CONDITION REQUIRING MODIFICATION OR CHANGE BEFORE PROCEEDING WITH THE WORK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURATE PLACEMENT OF THE BUILDINGS ON THE SITE.
- REFER TO STRUCTURAL DRAWINGS FOR STRUCTURAL NOTES AND REQUIREMENTS.
- DIMENSIONS:  
ALL DIMENSIONS SHALL HAVE PREFERENCE OVER SCALE.  
ALL DIMENSIONS ARE TO THE ROUGH UNLESS OTHERWISE NOTED.  
CEILING HEIGHT DIMENSIONS ARE FROM FINISH FLOOR SLAB TO FINISH FACE OF CEILING.  
ALL INTERIOR STUD PARTITIONS ARE DIMENSIONED TO CENTER LINES UNLESS OTHERWISE NOTED F.S. (FACE OF STUD) OR "CLEAR".  
ALL DIMENSIONS SHALL BE VERIFIED IN THE FIELD BEFORE PROCEEDING WITH THE WORK. ARCHITECT SHALL BE NOTIFIED OF ANY ERRORS OR OMISSIONS FOR CORRECTION BEFORE PROCEEDING WITH THE WORK.
- LATHING AND PLASTERING SHALL COMPLY WITH CHAPTER 47, U.B.C.
- CONCRETE CONSTRUCTION SHALL COMPLY WITH CHAPTER 26, U.B.C.
- STEEL CONSTRUCTION SHALL COMPLY WITH CHAPTER 27, U.B.C.
- PROVIDE ALL NECESSARY BLOCKING, BACKING, FRAMING FOR LIGHT FIXTURES, ELECTRIC UNITS, A/C EQUIPMENT, DRAPERY OR CEILING TRACKS AND ALL OTHER ITEMS REQUIRING SAME.
- FIRE RESISTIVE CONSTRUCTION:  
A. EDUCATIONAL UNIT 2A - ALL STAIRS AND OTHER VERTICAL SHAFT ENCLOSURES SHALL BE 1-HOUR FIRE RESISTIVE CONSTRUCTION, CONTINUOUS FROM FLOOR TO UNDERSIDE OF SLAB OR BEAM ABOVE THROUGH WHICH SHAFT PASSES. ALL OPENINGS INTO SHAFTS SHALL BE PROTECTED BY 1-HOUR FIRE ASSEMBLY. INSTALL FIRE DAMPERS ON DUCTS PASSING THROUGH 1-HOUR WALLS.  
STUDENT SERVICES CENTER - ALL STAIRS AND OTHER VERTICAL SHAFT ENCLOSURES SHALL BE 1-HOUR FIRE RESISTIVE CONSTRUCTION, CONTINUOUS FROM FLOOR TO UNDERSIDE OF SLAB OR BEAM ABOVE THROUGH WHICH SHAFT PASSES. ALL OPENINGS INTO SHAFTS SHALL BE PROTECTED BY 1-HOUR FIRE ASSEMBLY. INSTALL FIRE DAMPERS ON DUCTS PASSING THROUGH 1-HOUR WALLS.  
B. ALL EXIT CORRIDORS SHALL BE 1-HOUR FIRE RESISTIVE CONSTRUCTION.  
C. EDUCATIONAL UNIT 2A - STRUCTURAL FRAME SHALL BE 1-HOUR FIRE RESISTIVE CONSTRUCTION. PER R.M. LISTING 1070-108-24 OR EQUAL.  
STUDENT SERVICES CENTER - STRUCTURAL FRAME SHALL BE 1-HOUR FIRE RESISTIVE CONSTRUCTION.  
D. EXTERIOR WALLS:  
BEARINGS: EDUCATIONAL UNIT 2A  
1 HOUR AT PROPERTY LINE  
1 HOUR ELSEWHERE  
STUDENT SERVICES CENTER  
1 HOUR AT PROPERTY LINE  
1 HOUR ELSEWHERE  
NON-BEARING: 1 HOUR  
E. FLOORS AND ROOF: EDUCATIONAL UNIT 2A  
1 HOUR  
STUDENT SERVICES CENTER  
1 HOUR  
F. ALL FLOOR OPENINGS AT PIPES, DUCTS, ETC., SHALL BE SEALED WITH 1/2" MINIMUM THICKNESS OF VERMICULITE PLASTER UNLESS OTHERWISE PROTECTED WITH 1-HOUR FIRE RETARDANT ENCLOSURE.
- ALL LEGAL EXITS SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF KEY, SPECIAL EFFORT OR KNOWLEDGE, PER CHAPTER 33, U.B.C.
- ROOM CAPACITY SIGN TO BE PROVIDED IN AREAS CONTAINING MORE THAN 50 PEOPLE PER ARTICLE 33, TITLE 19.
- ALL DOORS SERVING AN OCCUPANCY LOAD OF 10 OR GREATER TO SWING IN THE DIRECTION OF TRAVEL.
- ALL DOORS NOT LOCATED BY DIMENSIONS ON PLAN OR DETAIL TO BE CENTERED WITHIN THE 5' - 0" SCREED MODULE.
- WHERE LARGER STUDS OR FURRING IS REQUIRED TO COVER DUCTS, PIPING, CONDUIT, ETC., THE LARGER STUD SIZE OR FURRING TO EXTEND FULL WIDTH FOR WALL SURFACE WHERE FURRING OCCURS.
- ALL CABINETS, ELECTRIC PANELS, ETC., RECESSED INTO CORRIDOR WALLS SHALL BE BACKED WITH 1-HOUR FIRE RESISTIVE CONSTRUCTION.
- ALL INTERIOR FINISH MATERIALS SHALL HAVE A CLASS I, II, OR III RATING PER ARTICLE 42, TITLE 19.
- ALL DIMENSIONS ARE TO CENTERLINE OF STUD UNLESS OTHERWISE NOTED.
- PROVIDE PLASTER TO STRUCTURE ABOVE AT INTERIOR SIDE OF ALL EXTERIOR WALLS.
- THE FOLLOWING ITEMS ARE DEFERRED APPROVAL ITEMS AND THE INSTALLATION OF SUCH SHALL NOT BE STARTED UNTIL DETAIL PLANS, SPECIFICATIONS AND ENGINEERING CALCULATIONS HAVE BEEN SUBMITTED OR TO AN APPROVED BY THE ARCHITECT AND STRUCTURAL ENGINEER AND APPROVED BY THE OFFICE OF THE STATE ARCHITECT.  
A. INTEGRATED CEILING (INCLUDING TEST DATA)  
B. ELEVATOR GUIDE RAILS AND SUPPORTS  
C. WINDOW WALL (15 PSF WIND LOAD)

# SYMBOLS

MATCH LINE REFERENCE		Target indicates where Plan is broken
GRID LINE REFERENCE		Grid Number or Letter
DETAIL REFERENCE		Detail Number or Letter Sheet Number on which Detail is Drawn
WALL SECTION REFERENCE		Section Number Sheet Number on which Section is Drawn
BUILDING SECTION REFERENCE		Section Number Sheet Number on which Section is Drawn
ROOM REFERENCE		Room Number Interior Elevation Reference
DOOR REFERENCE		PH - Panic Hardware where occurs
LEGAL EXIT REFERENCE		Exit Sign (see Plans for Locations) Arrow indicates Directional Arrow Where Occurs
POWER OR LIGHTING PANEL		Furr Wall Thickness as required to Accommodate
FIRE EXTINGUISHER CABINET		Furr Wall Thickness as required to Accommodate
ELECTRIC WATER COOLER		ENC
CASEWORK REFERENCE		Depth of Casework in Inches Dimension is to face of Cabinet Frame.
REVISION REFERENCE		Revision Number (See Brief in Title Block)

# WALL LEGEND

	REINFORCED CONCRETE WALL
	CONCRETE BLOCK - 8" x 8" x 16" UNLESS NOTED OTHERWISE.
	EXTERIOR WALLS OF 4" OR 6" AS INDICATED ON PLANS, PRESSED STEEL CHANNEL TYPE STUDS AT 15" O.C. WITH METAL LATH AND PLASTER FINISH AND THERMAL INSULATION. CARRY PLASTER AT INTERIOR FACE OF EXTERIOR WALLS TO STRUCTURE ABOVE. TYPICAL STRUCTURAL PROPERTIES OF STUDS: R <sub>g</sub> (INCH) = 0.065; R <sub>g</sub> (INCH) = 0.517 INTERIOR METAL STUD PARTITION FROM FLOOR TO UNDERSIDE OF STRUCTURE. STUDS TO BE 4" AND SPACED 16" O.C. LARGER STUDS WHERE INDICATED OR REQUIRED, WITH LATH AND PLASTER FINISH OR OTHER FINISH WHERE INDICATED ON FINISH SCHEDULE. CARRY PLASTER TO 6" ABOVE CEILING, TYPICAL, UNLESS NOTED OTHERWISE.
	METAL STAGGERED STUD PARTITION SOUND INSULATED WITH 4" STUDS AT 8" O.C.
	WINDOW WALL OR GLAZED PARTITION. PRESSED STEEL MULLIONS AND FRAMES WITH GLASS GLAZING.
	WIRE MESH PARTITION - SEE PLANS FOR HEIGHTS.
	EXISTING WALL TO REMAIN.
	EXISTING WALL TO BE REMOVED.
	INTERIOR METAL STUD PARTITION FROM FLOOR TO UNDERSIDE OF CEILING. STUDS TO BE 4".
	ONE HOUR CONSTRUCTION CARRIED TO STRUCTURE ABOVE.
	TWO HOUR CONSTRUCTION CARRIED TO STRUCTURE ABOVE.

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A2.2	ENLARGED SITE PLAN
A3.1	DEMOLITION PLANS
A4.1	EDUCATIONAL UNIT 2A - FIRST FLOOR PLAN
A4.2	EDUCATIONAL UNIT 2A - SECOND FLOOR PLAN
A4.3	EDUCATIONAL UNIT 2A - ROOF PLAN
A4.4	STUDENT SERVICES CENTER - FLOOR PLAN AND ROOF PLAN
A5.1	EXTERIOR ELEVATIONS AND BUILDING SECTIONS
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A6.1	EDUCATIONAL UNIT 2A - FIRST FLOOR REFLECTED CEILING PLAN
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A7.1	WALL SECTIONS
A8.1	ENLARGED STAIR PLANS, ELEVATOR PLANS, AND TOILET PLANS
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A11.3	ROOF DETAILS, EXTERIOR ROOF DETAILS, EXTERIOR WALL DETAILS
A11.4	STAIR AND RAILING DETAILS
A11.5	SITE DETAILS AND MISCELLANEOUS EXTERIOR DETAILS
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A11.7	MISCELLANEOUS EXTERIOR DETAILS
A12.1	FLOOR DETAILS, BASE DETAILS, INTERIOR PARTITION DETAILS
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M3.2	EDUCATIONAL UNIT 2A - MECH. SECOND FLOOR PLAN
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P3.1	EDUCATIONAL UNIT 2A - PLUMBING FIRST FLOOR PLAN
P3.2	EDUCATIONAL UNIT 2A - PLUMBING SECOND FLOOR PLAN
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E1.2	ELECTRICAL SITE PLAN
E2.1	ELECTRICAL ENLARGED SITE PLAN
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E5.1	PANEL SCHEDULES

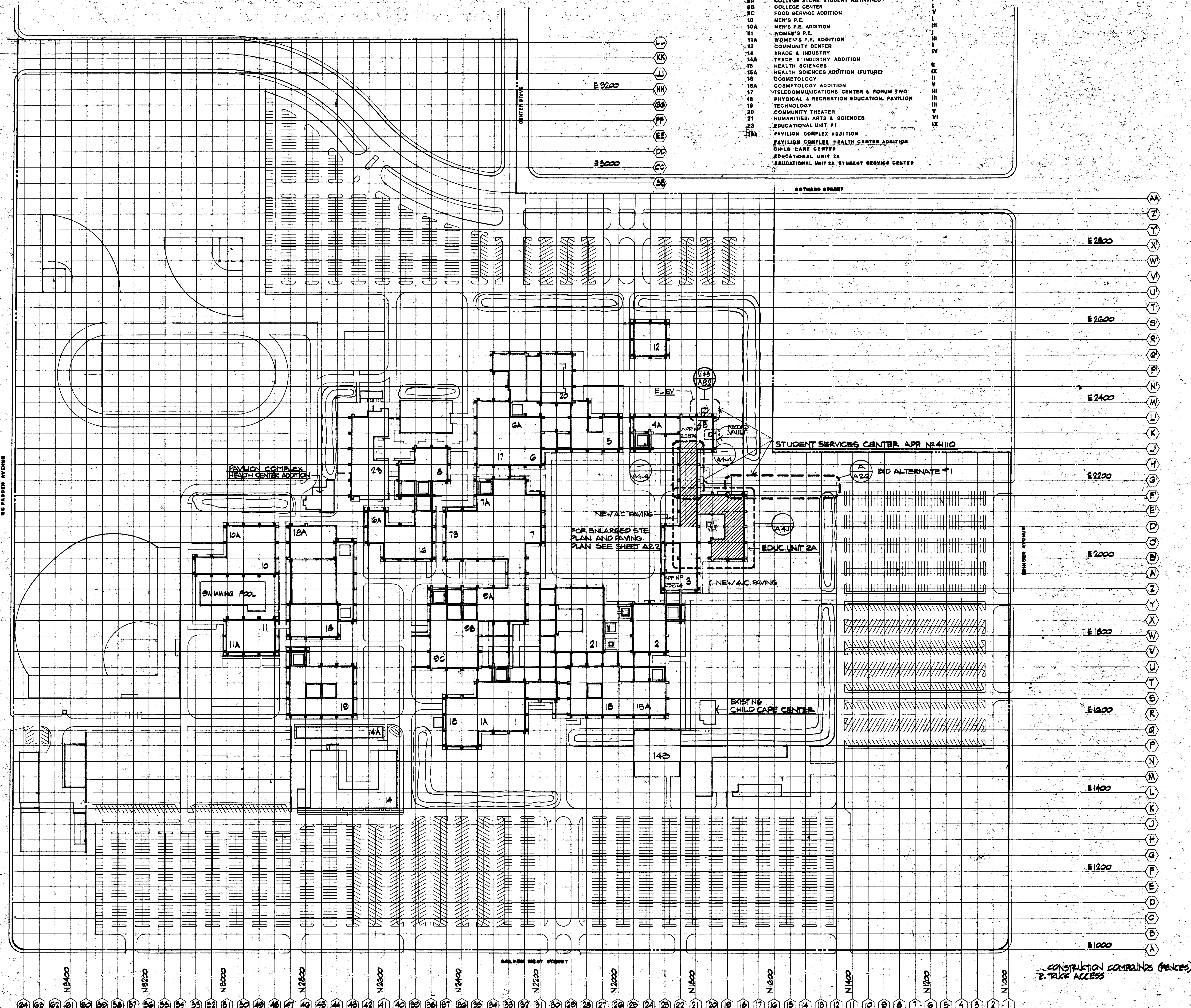
WILLIAM L. PEREIRA ASSOCIATES  
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URBAN SQUARE MARATHUR BLVD. AT FORD ROAD  
CORONA DEL MAR, CALIFORNIA 92625

GOLDEN WEST COLLEGE  
HUNTINGTON BEACH, CALIFORNIA  
COAST COMMUNITY COLLEGE DISTRICT

COVER SHEET  
SCALE: NONE

ISSUE DATE  
PROJECT NO. 7429.000  
SHEET NO. 7429.001  
A1.1  
SHEET 1 of 67





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1	MATHEMATICS & SCIENCES	I
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1B	MATHEMATICS & SCIENCES ADDITION	VII
2	FORUM ONE	I
3	BUSINESS & SOCIAL SCIENCES	I
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7I	MUSIC ADDITION	VII
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7L	MUSIC ADDITION	VII
7M	MUSIC ADDITION	VII
7N	MUSIC ADDITION	VII
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10E	COLLEGE STORE STUDENT ACTIVITIES	I
10F	COLLEGE STORE STUDENT ACTIVITIES	I
10G	COLLEGE STORE STUDENT ACTIVITIES	I
10H	COLLEGE STORE STUDENT ACTIVITIES	I
10I	COLLEGE STORE STUDENT ACTIVITIES	I
10J	COLLEGE STORE STUDENT ACTIVITIES	I
10K	COLLEGE STORE STUDENT ACTIVITIES	I
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10O	COLLEGE STORE STUDENT ACTIVITIES	I
10P	COLLEGE STORE STUDENT ACTIVITIES	I
10Q	COLLEGE STORE STUDENT ACTIVITIES	I
10R	COLLEGE STORE STUDENT ACTIVITIES	I
10S	COLLEGE STORE STUDENT ACTIVITIES	I
10T	COLLEGE STORE STUDENT ACTIVITIES	I
10U	COLLEGE STORE STUDENT ACTIVITIES	I
10V	COLLEGE STORE STUDENT ACTIVITIES	I
10W	COLLEGE STORE STUDENT ACTIVITIES	I
10X	COLLEGE STORE STUDENT ACTIVITIES	I
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11	FOOD SERVICE ADDITION	I
12	MEN'S P.E. ADDITION	I
13	WOMEN'S P.E. ADDITION	I
14	WOMEN'S P.E. ADDITION	I
15	WOMEN'S P.E. ADDITION	I
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28	WOMEN'S P.E. ADDITION	I
29	WOMEN'S P.E. ADDITION	I
30	WOMEN'S P.E. ADDITION	I

EDUCATIONAL UNIT 2A  
**GOLDEN WEST COLLEGE**  
 HUNTINGTON BEACH, CALIFORNIA  
 COAST COMMUNITY COLLEGE DISTRICT

WILLIAM L. PEREIRA ASSOCIATES  
 PLANNERS - ARCHITECTS - ENGINEERS

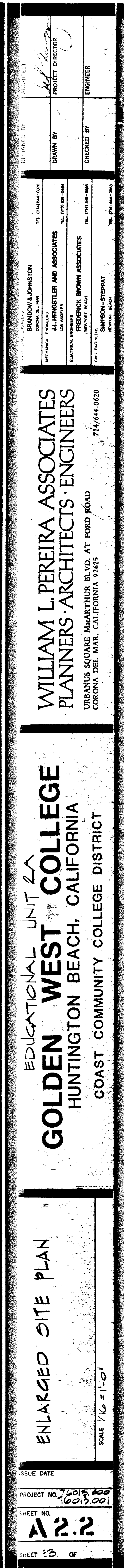
**SITE PLAN**

ISSUED FOR BIDDING  
 PROJECT 76015.000  
 76015.001  
 SHEET  
**A2.1**  
 2 OF 2

SCALE: 1" = 60'-0"

6/23/78









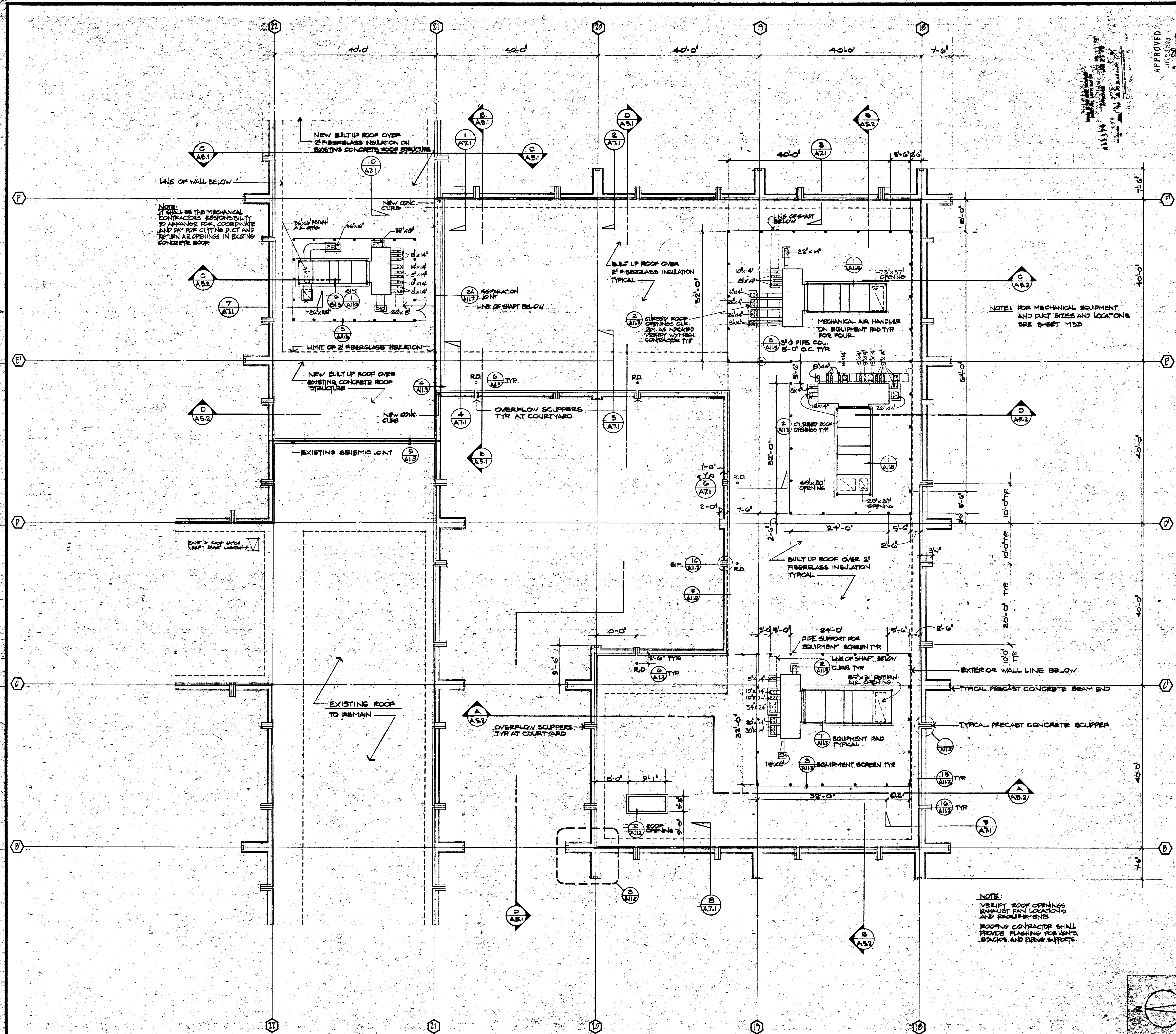












APPROVED  
JUL 19 1978  
[Signature]

NO.	DATE	REVISIONS

**WILLIAM L. PEREIRA ASSOCIATES**  
PLANNERS-ARCHITECTS-ENGINEERS  
URBAN SQUARE MARTIN BLVD. AT FORD ROAD  
CORNELL DEL MAR, CALIFORNIA 92025  
714/444-0520

**GOLDEN WEST COLLEGE**  
HUNTINGTON BEACH, CALIFORNIA  
COAST COMMUNITY COLLEGE DISTRICT

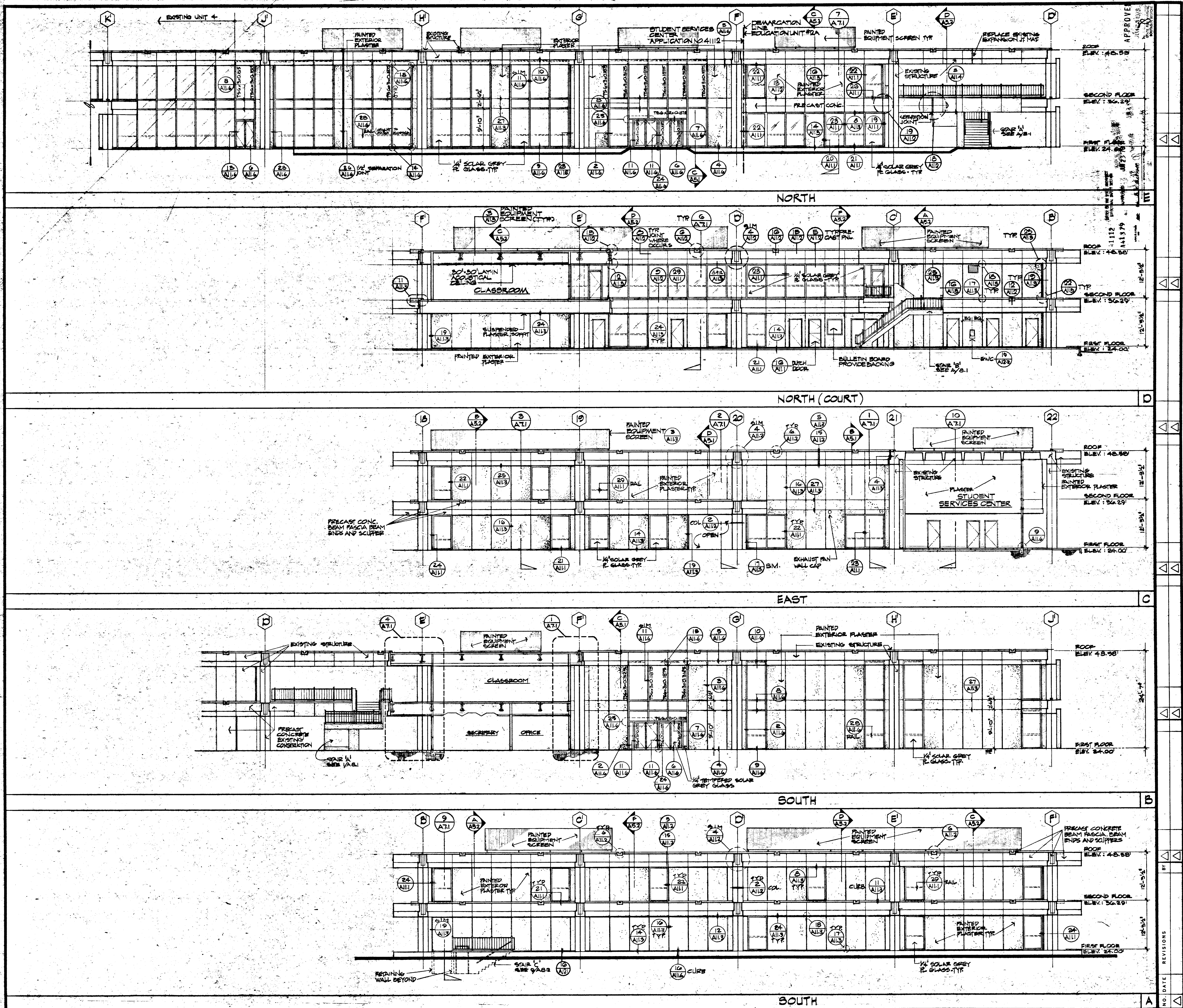
EDUCATIONAL UNIT 2A  
ROOF PLAN  
SCALE 1/8" = 1'-0"

ISSUE DATE  
PROJECT NO. 76015.000  
SHEET NO. **A4.3**  
SHEET 7 OF 7  
6/23/78









BRANDON L. PEREIRA ASSOCIATES  
PLANNERS ARCHITECTS ENGINEERS

714/444-0020

WILLIAM L. PEREIRA ASSOCIATES  
PLANNERS ARCHITECTS ENGINEERS

714/444-0020

BRANDON L. PEREIRA ASSOCIATES  
PLANNERS ARCHITECTS ENGINEERS

714/444-0020

EDUCATIONAL UNIT 2A

GOLDEN WEST COLLEGE

HUNTINGTON BEACH, CALIFORNIA

COAST COMMUNITY COLLEGE DISTRICT

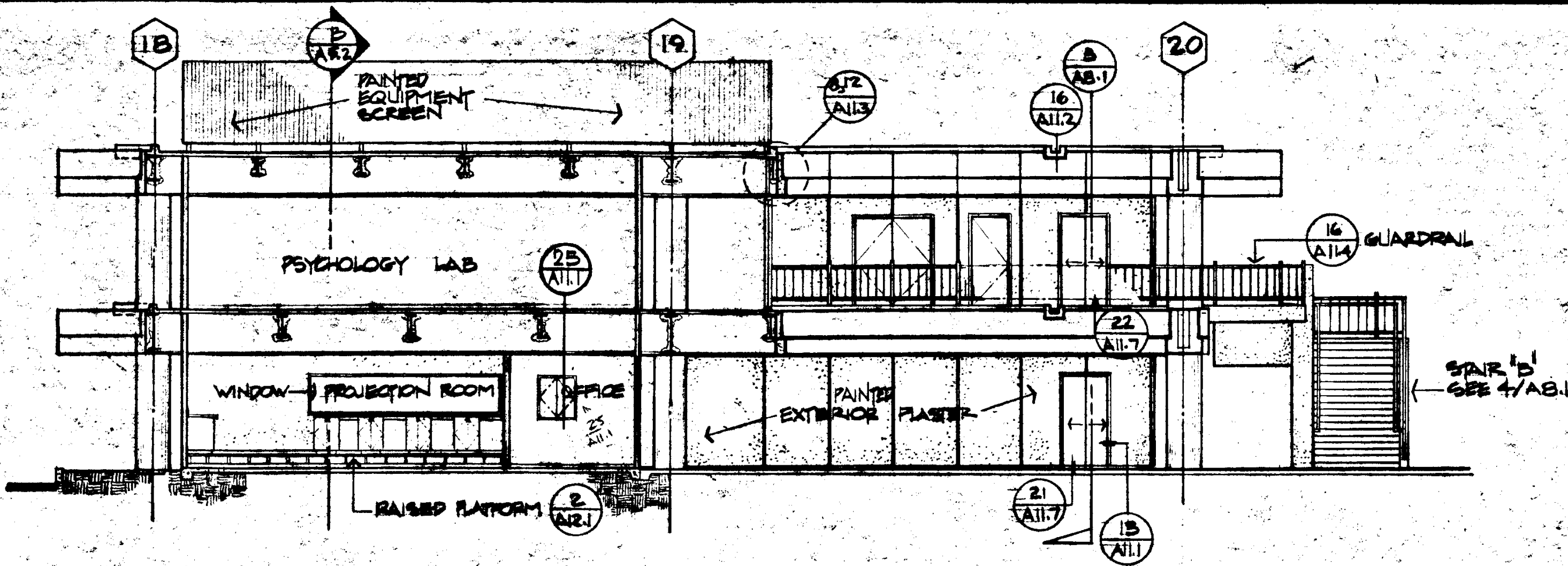
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BUILDING SECTIONS

PROJECT NO. 18-000

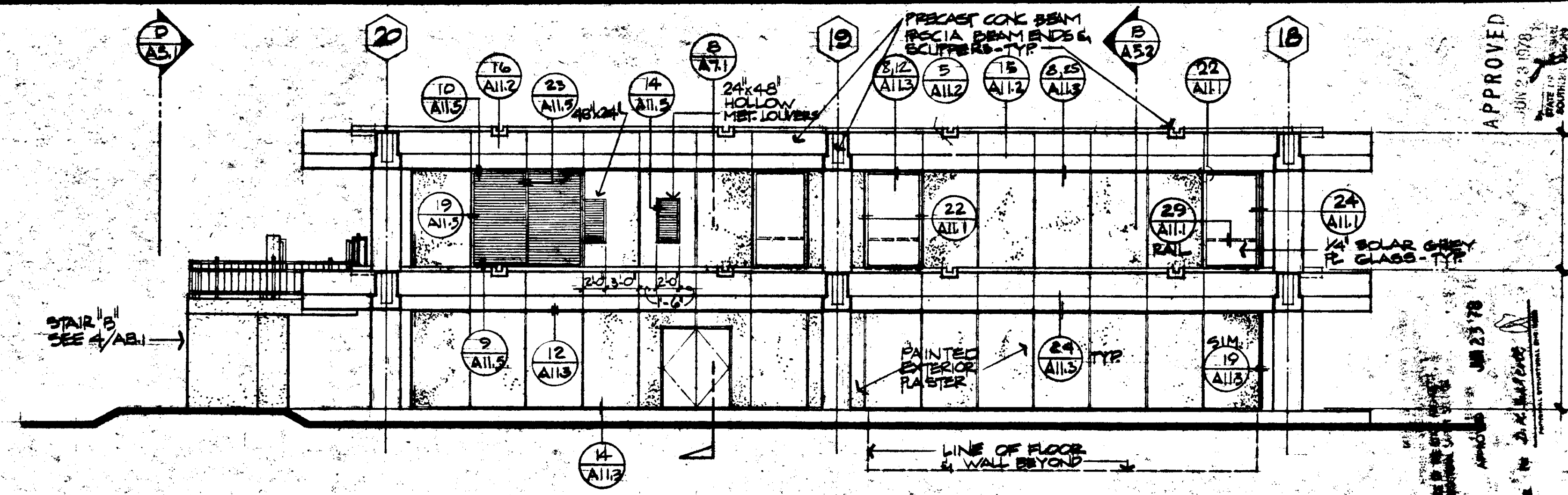
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DATE 4/23/18

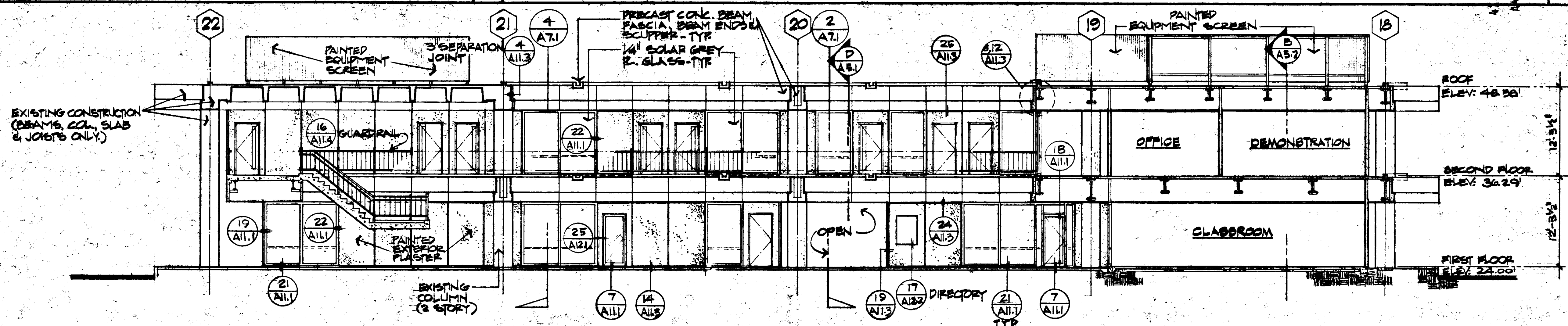




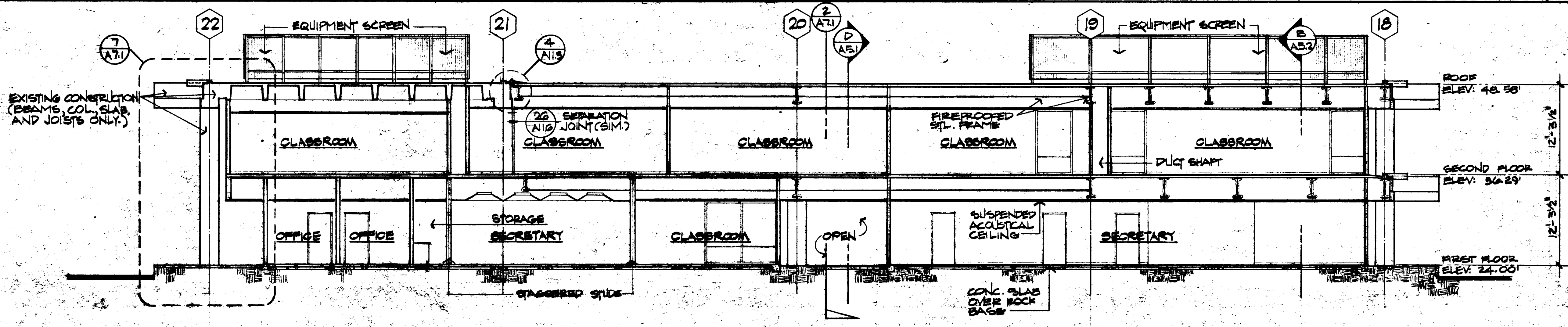
EAST COURT



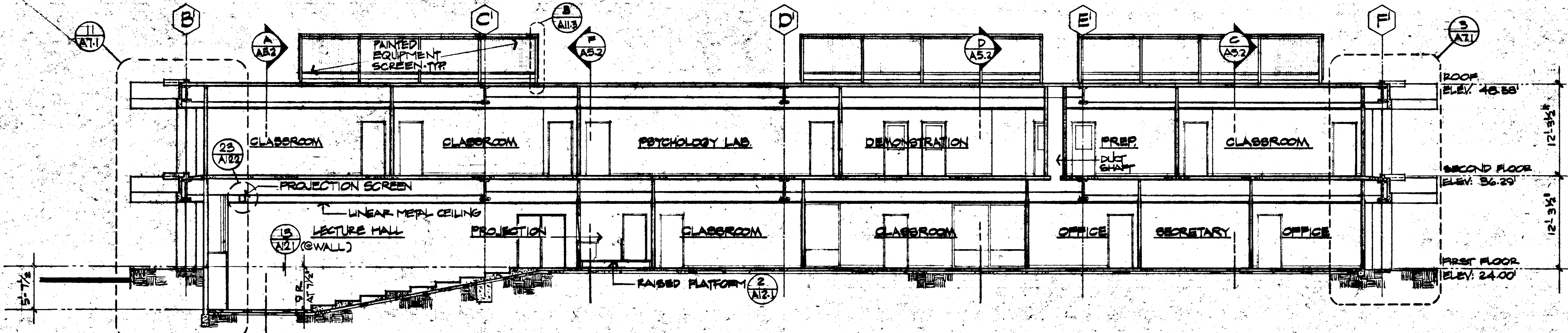
WEST



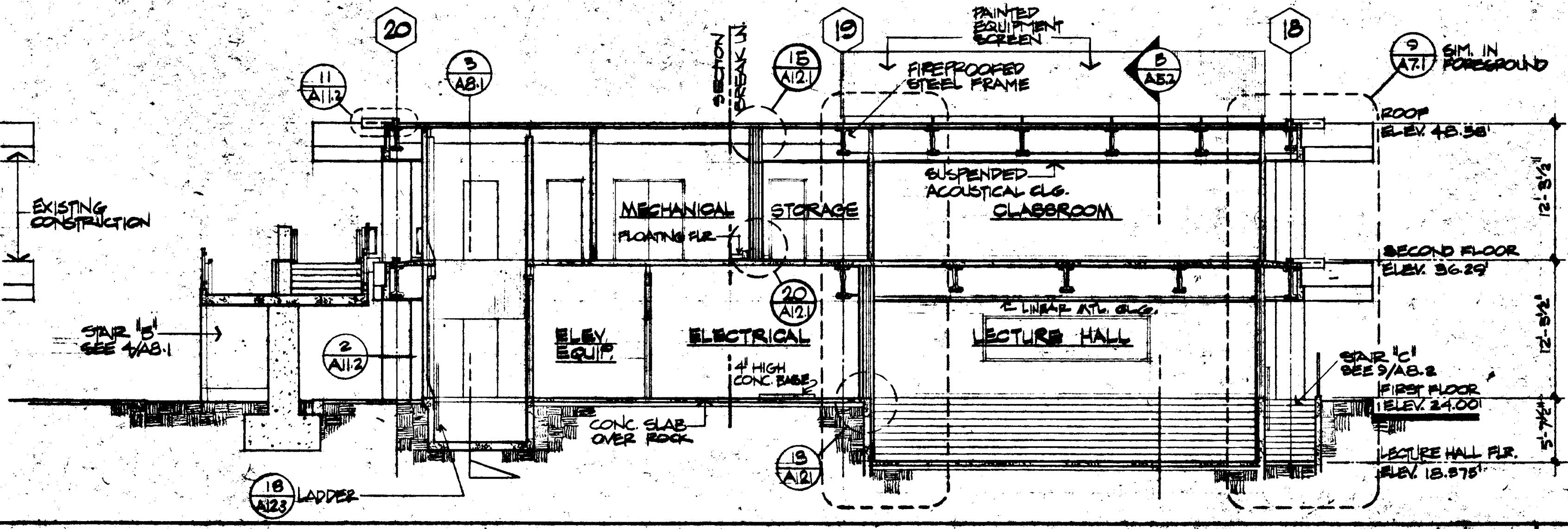
WEST (COURT)



SECTION



SECTION



SECTION

WILLIAM L. PEREIRA ASSOCIATES  
PLANNERS - ARCHITECTS - ENGINEERS  
URBANUS SQUARE MEARNS BLVD. AT FORD ROAD  
CORONA DEL MAR, CALIFORNIA 92625

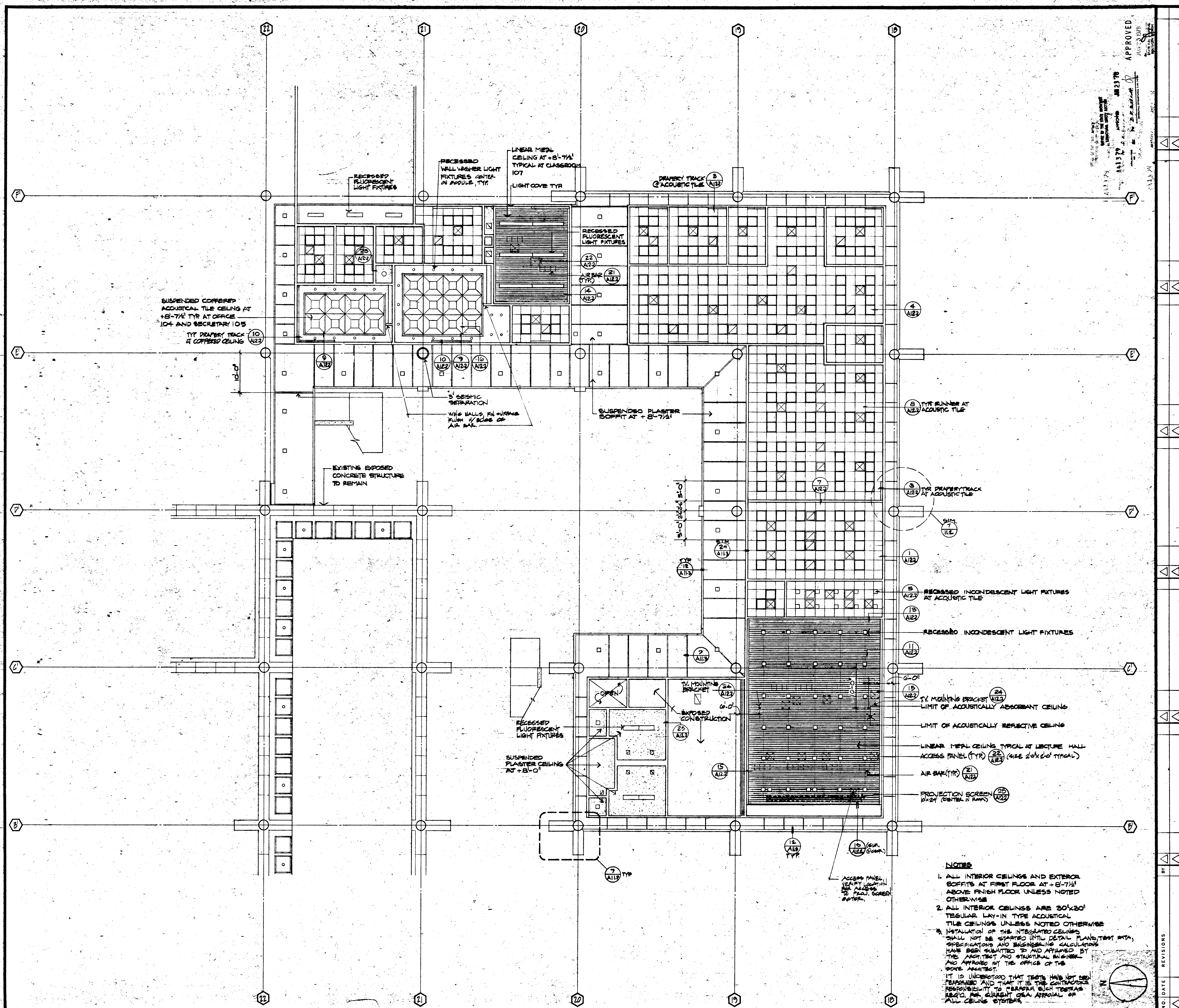
EDUCATIONAL UNIT 2A  
**GOLDEN WEST COLLEGE**  
HUNTINGTON BEACH, CALIFORNIA  
COAST COMMUNITY COLLEGE DISTRICT

EXTERIOR ELEVATIONS  
BUILDING SECTIONS

ISSUE DATE  
PROJECT NO. 283.283  
SHEET NO. **A5.2**  
SHEET 10 OF 10

6/23/78





APPROVED  
JUN 28 1978  
STATE FIRE MARSHAL  
SOUTHERN REGION

[illegible]

**WILLIAM L. PEREIRA ASSOCIATES**  
**PLANNERS • ARCHITECTS • ENGINEERS**  
URBANUS SQUARE • 400 ARTHUR BLVD. AT FORD ROAD  
CORNELIA DEL MAR, CALIFORNIA 92025

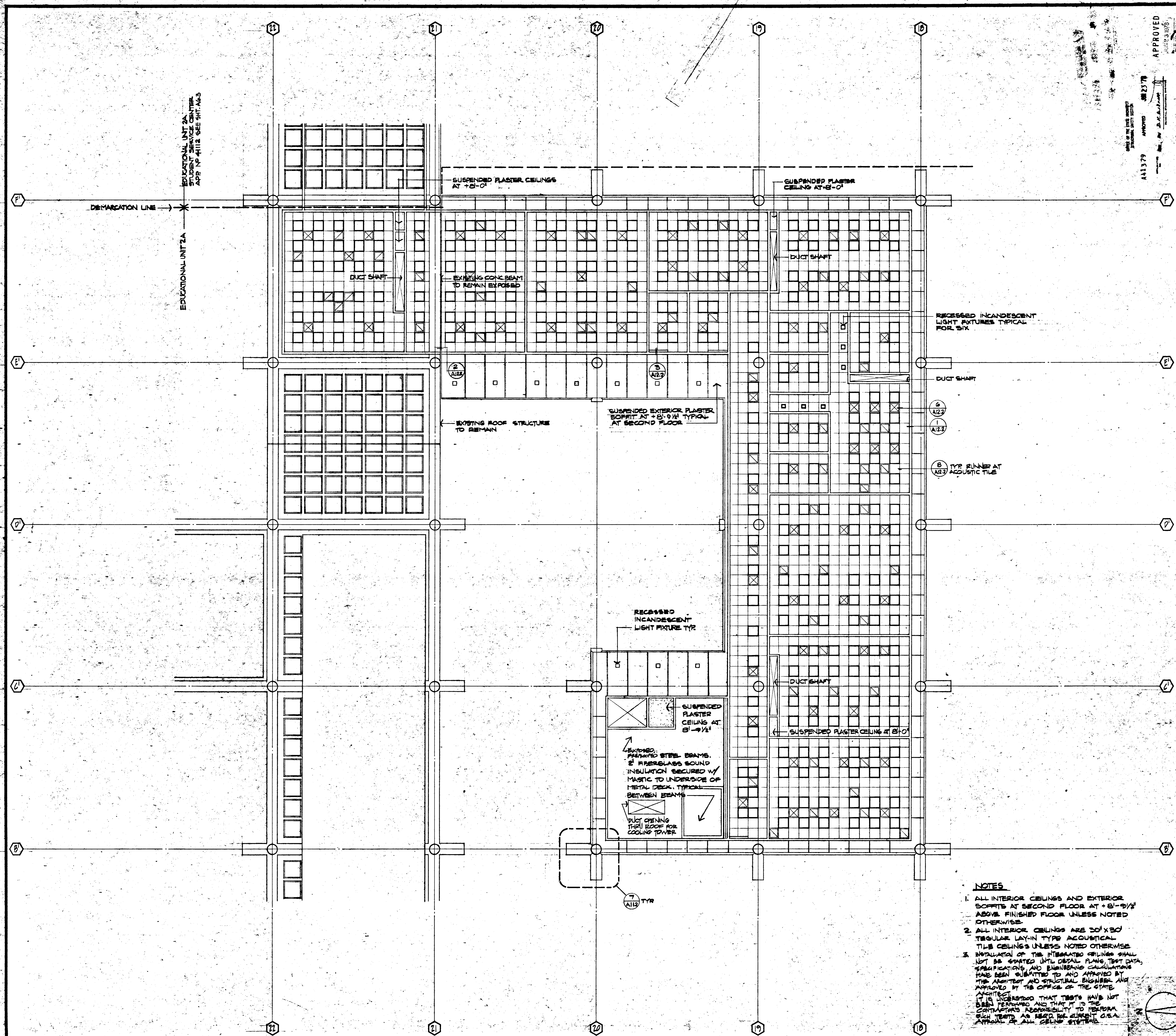
EDUCATIONAL UNIT 2A  
**GOLDEN WEST COLLEGE**  
HUNTINGTON BEACH, CALIFORNIA  
COAST COMMUNITY COLLEGE DISTRICT

EDUCATIONAL UNIT 2A  
FIRST FLOOR REFLECTED CEILING PLAN

ISSUE DATE \_\_\_\_\_  
PROJECT NO. 76013.000-  
SHEET NO. **A6.1**  
SHEET 11 OF \_\_\_\_\_

6/23/78





**NOTES**

1. ALL INTERIOR CEILINGS AND EXTERIOR SOFFITS AT SECOND FLOOR AT +8'-0 1/2" ABOVE FINISHED FLOOR UNLESS NOTED OTHERWISE.
2. ALL INTERIOR CEILINGS ARE 30" X 30" REGULAR LAY-IN TYPE ACOUSTICAL TILE CEILINGS UNLESS NOTED OTHERWISE.
3. INSTALLATION OF THE INTEGRATED CEILING SHALL NOT BE STARTED UNTIL DETAILED PLANS, TEST DATA, SPECIFICATIONS AND ENGINEERING CALCULATIONS HAVE BEEN SUBMITTED TO AND APPROVED BY THE ARCHITECT AND STRUCTURAL ENGINEER AND APPROVED BY THE OFFICE OF THE STATE ARCHITECT. IT IS UNDERSTOOD THAT TESTS HAVE NOT BEEN PERFORMED AND THAT IT IS THE CONTRACTOR'S RESPONSIBILITY TO PERFORM SUCH TESTS AS REQUIRED FOR CURRENT C.E.A. APPROVAL OF ALL CEILING SYSTEMS.



NO. DATE REVISIONS

EDUCATIONAL UNIT 2A  
SECOND FLOOR REFLECTED CEILING PLAN

**GOLDEN WEST COLLEGE**  
HUNTINGTON BEACH, CALIFORNIA  
COAST COMMUNITY COLLEGE DISTRICT

**WILLIAM L. PEREIRA ASSOCIATES**  
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URBANUS SQUARE MCARTHUR BLVD. AT FORD ROAD  
CORONA DEL MAR, CALIFORNIA 92625  
714/444-8620

BRANDON L. JONSTON  
CORONA DEL MAR, CA  
ALLIANCE ENGINEERS AND ARCHITECTS  
CORONA DEL MAR, CA  
FREDERICK BROWN ASSOCIATES  
CORONA DEL MAR, CA  
SIMPSON-STEWART  
CORONA DEL MAR, CA

DESIGNED BY: [Signature]  
DRAWN BY: 9/7  
CHECKED BY: [Signature]  
APPROVED: [Signature]  
DATE: 08/23/78  
PROJECT NO. 76219.000

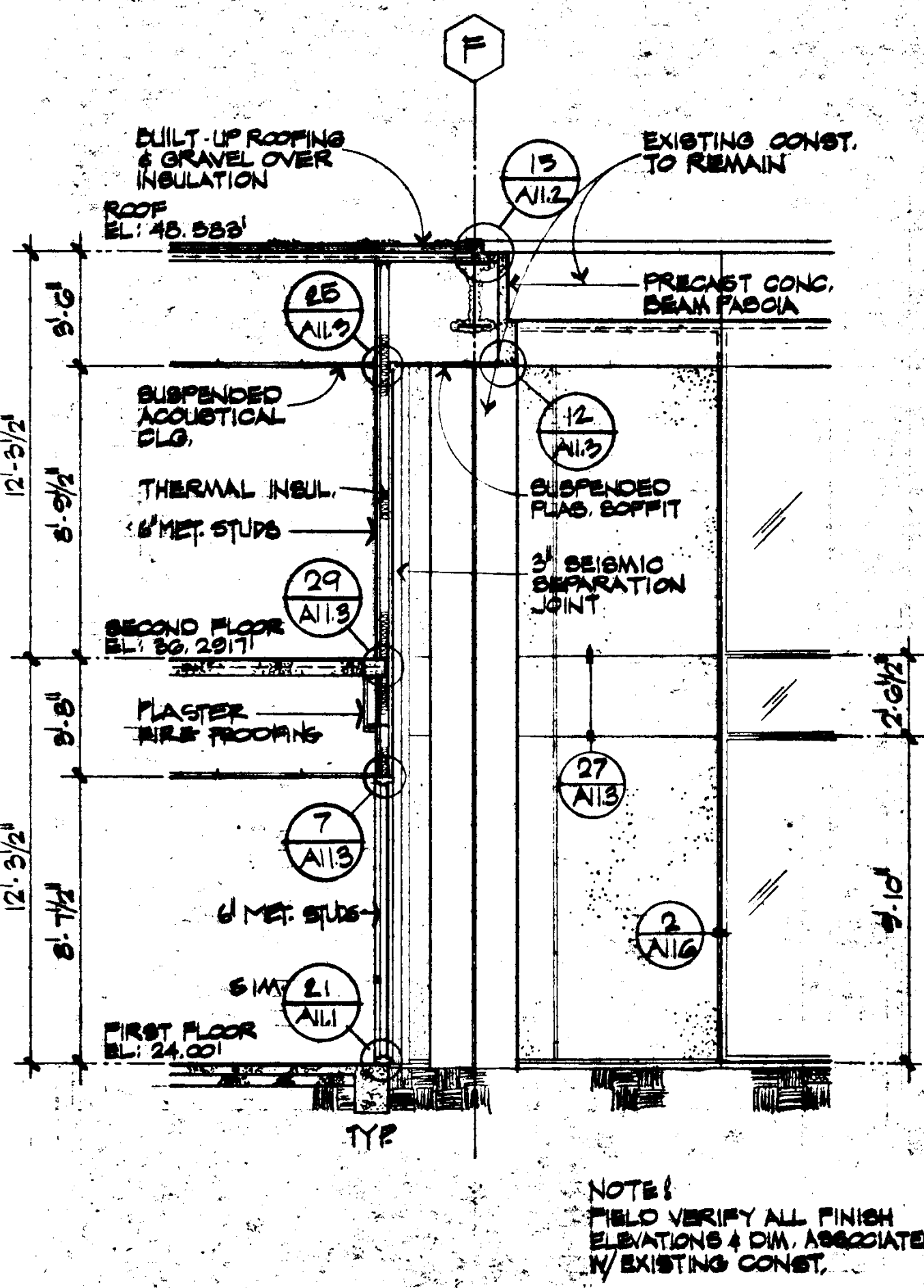
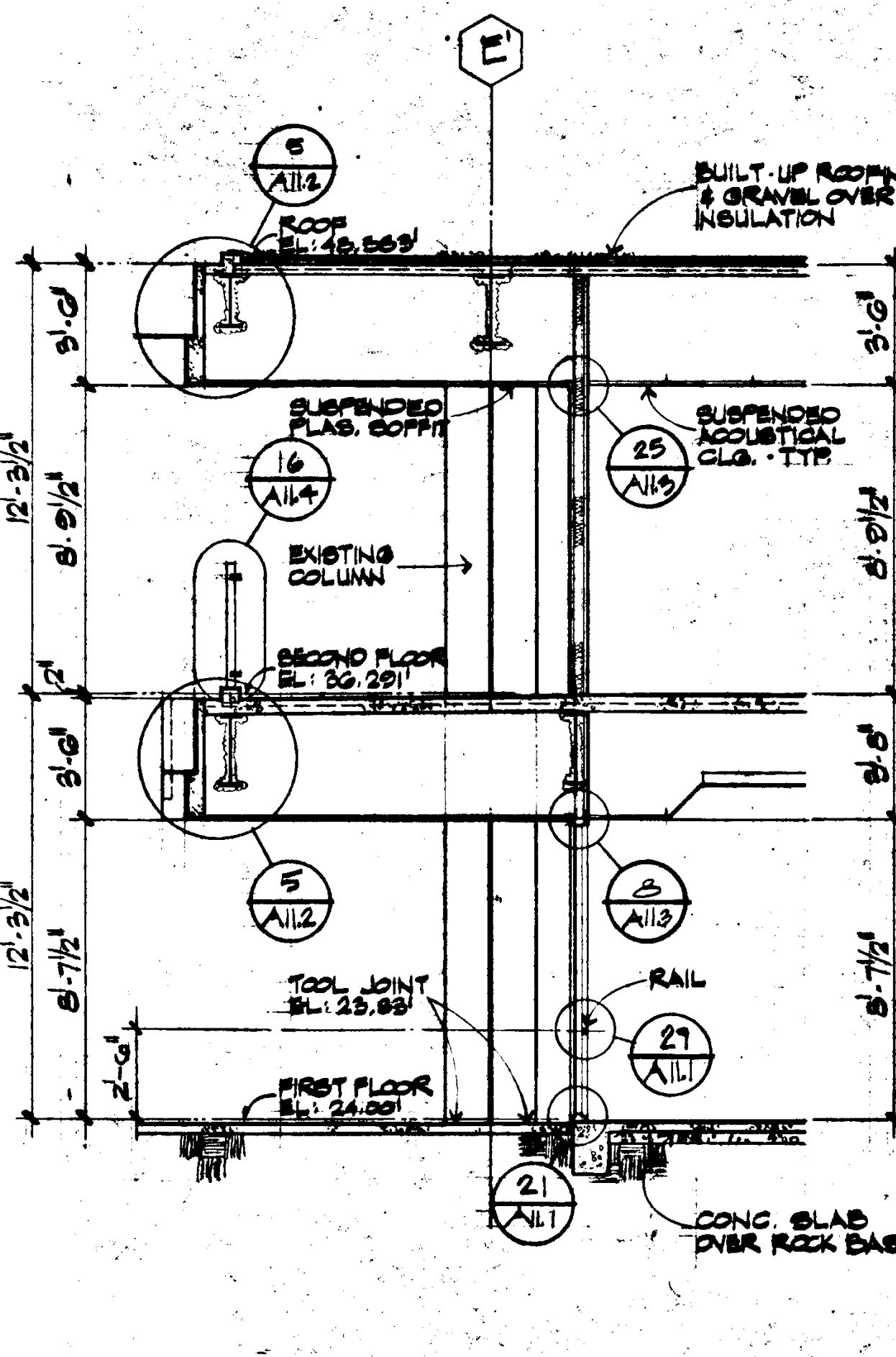
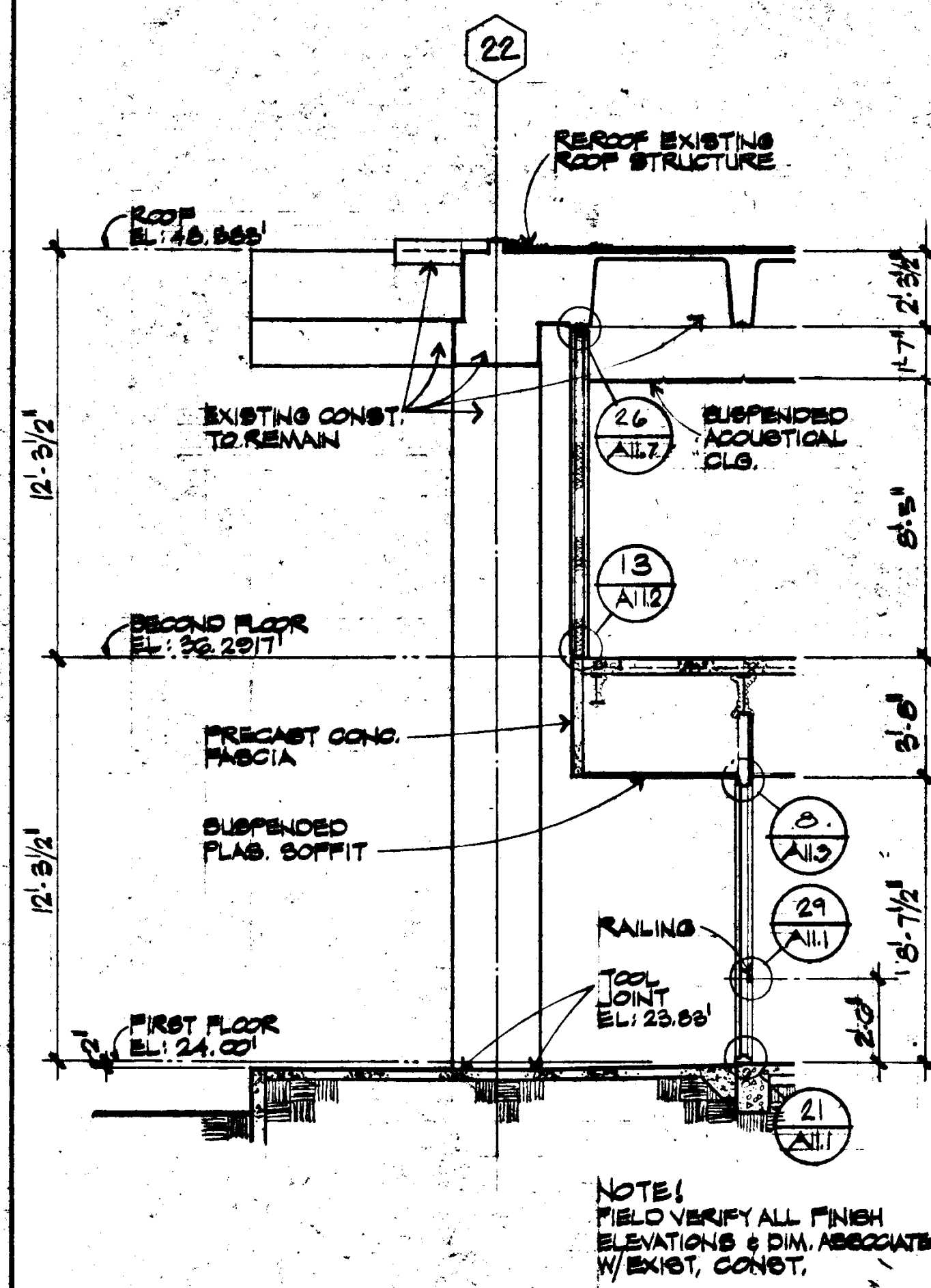
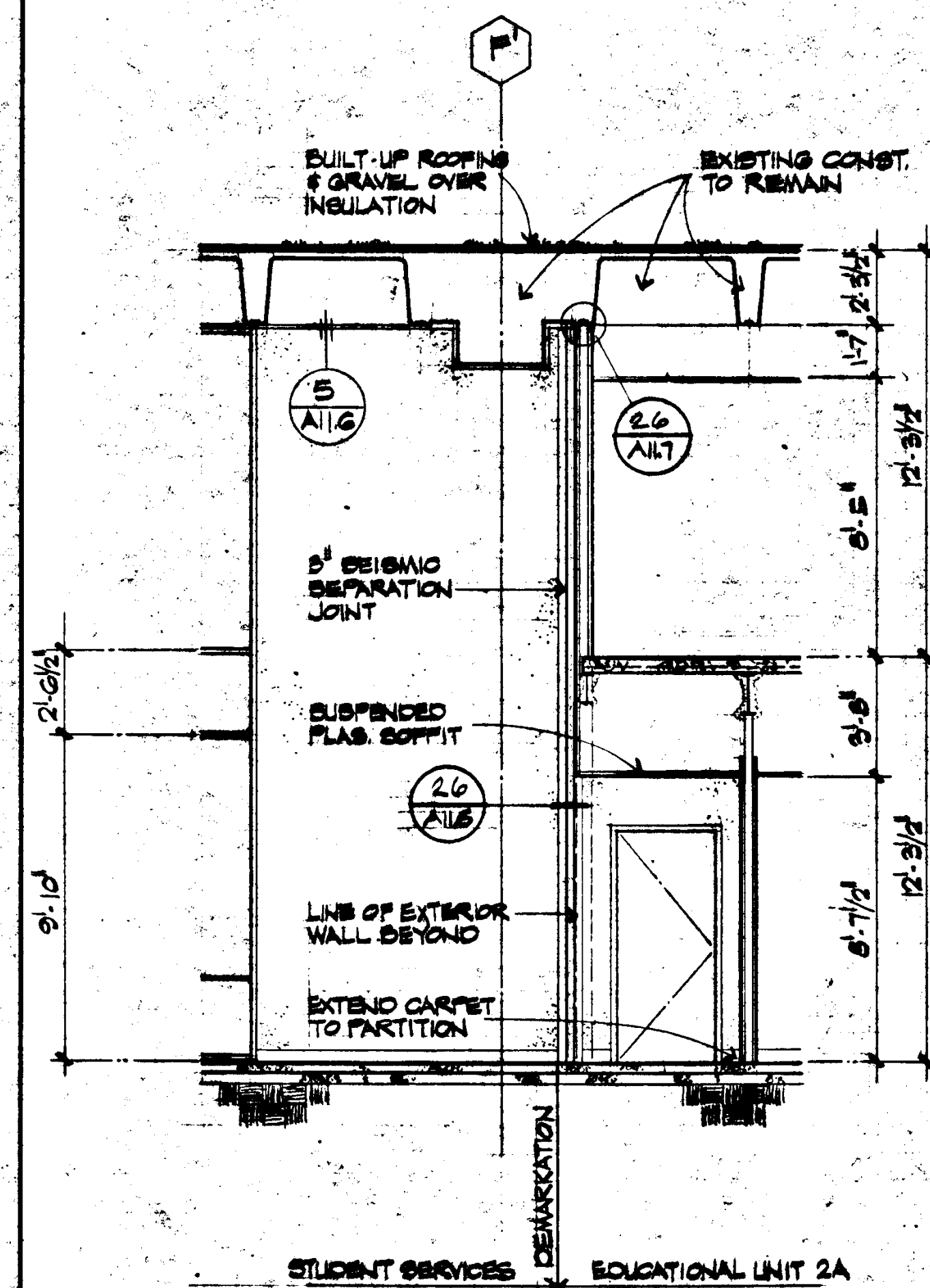
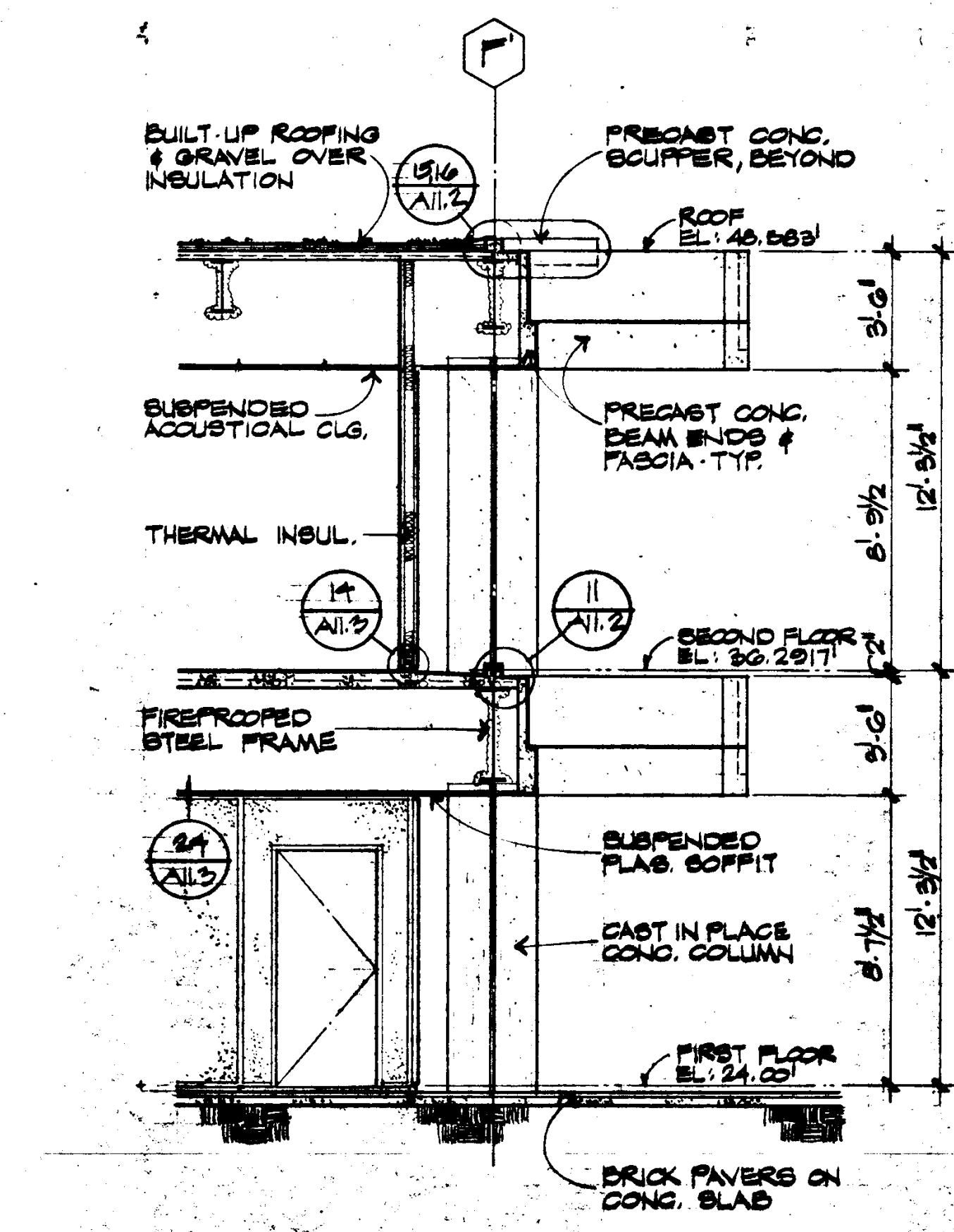
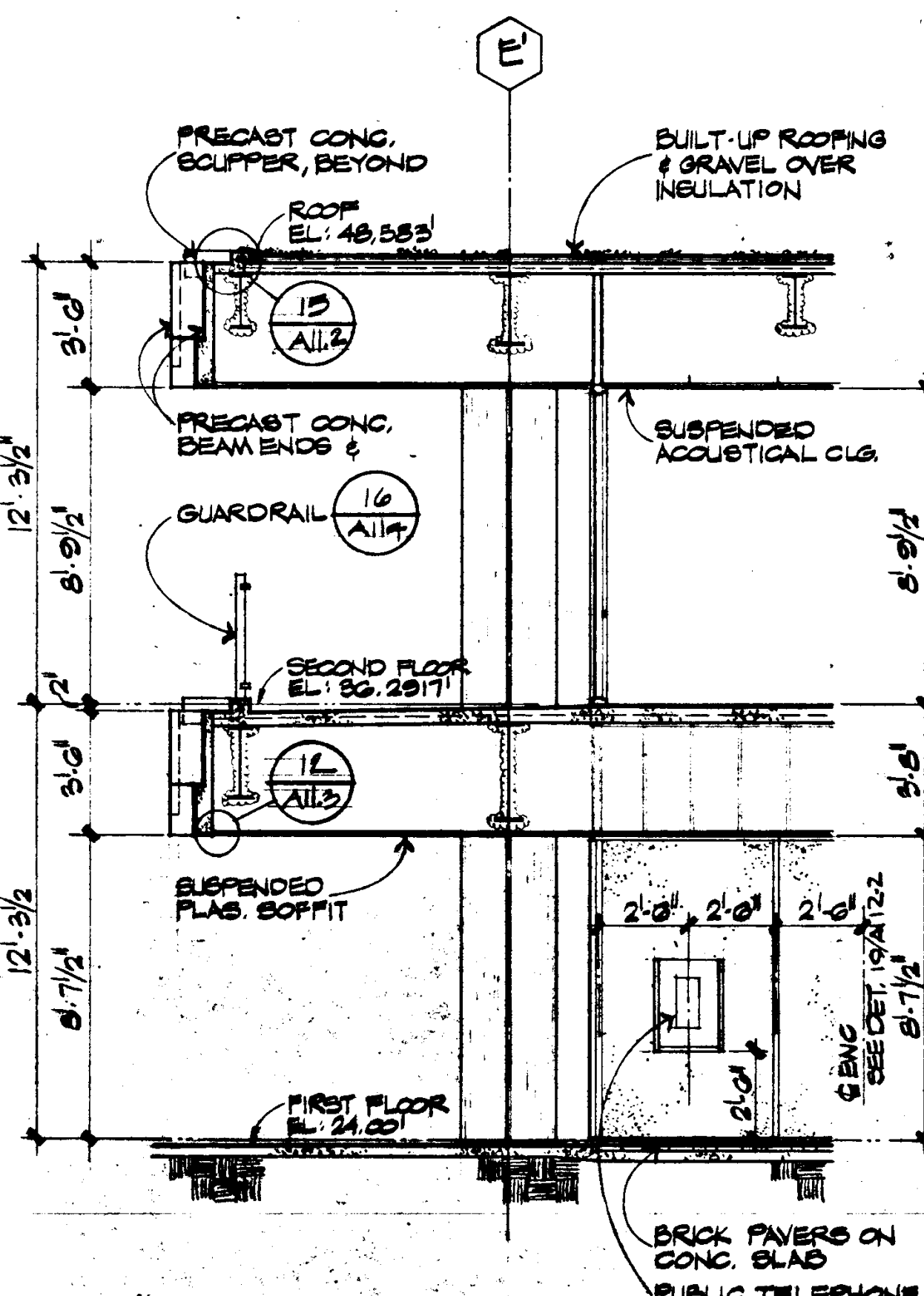
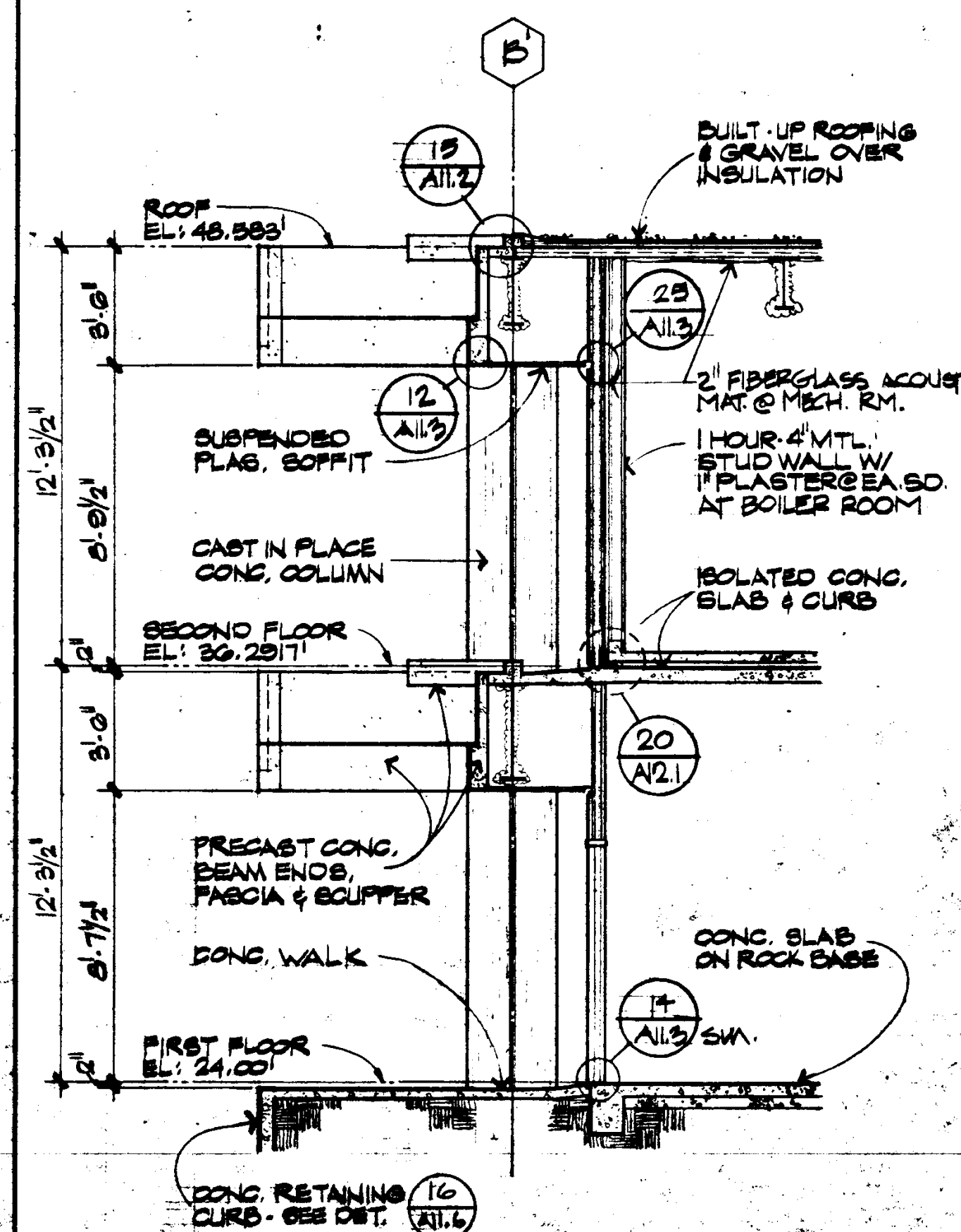
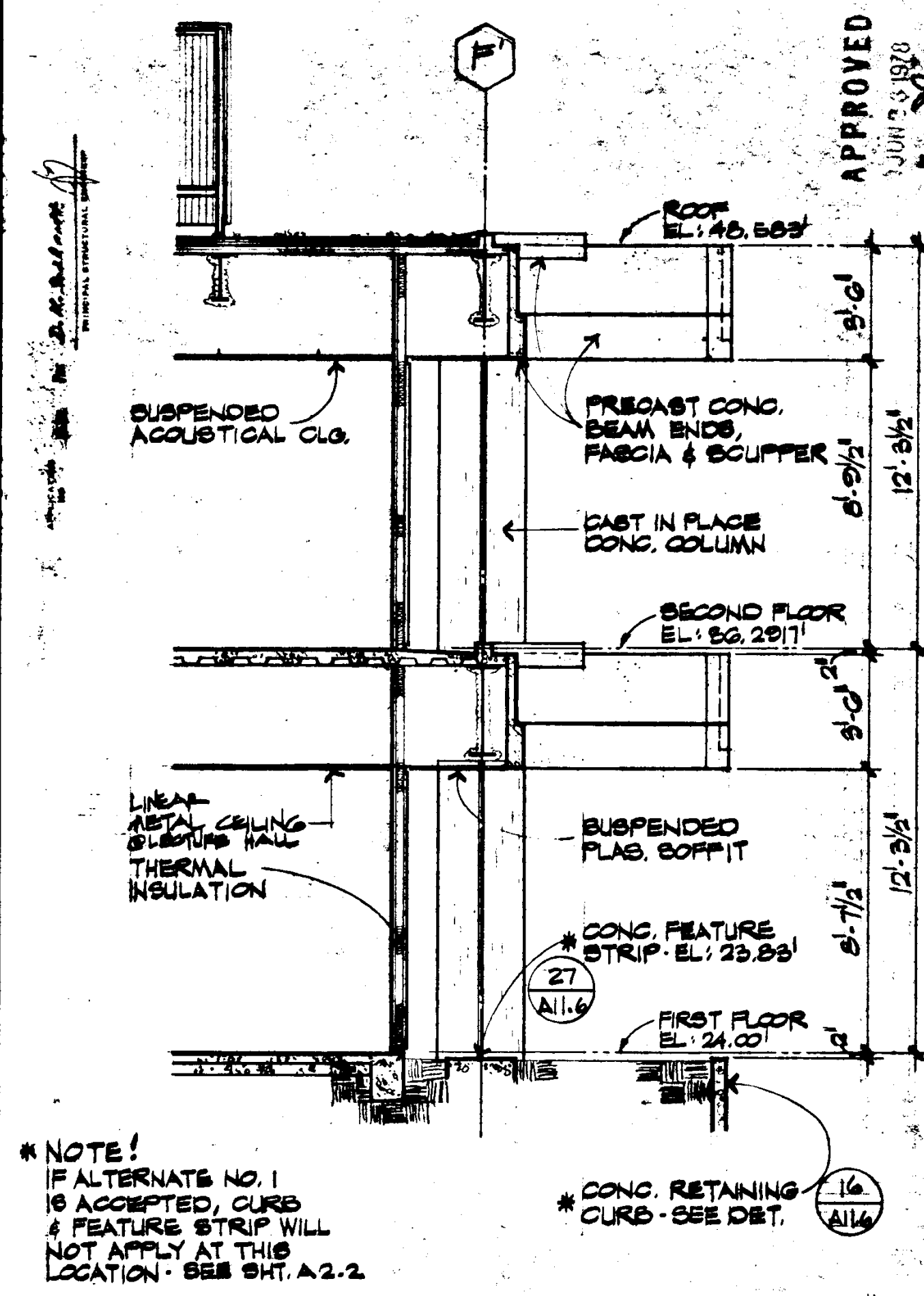
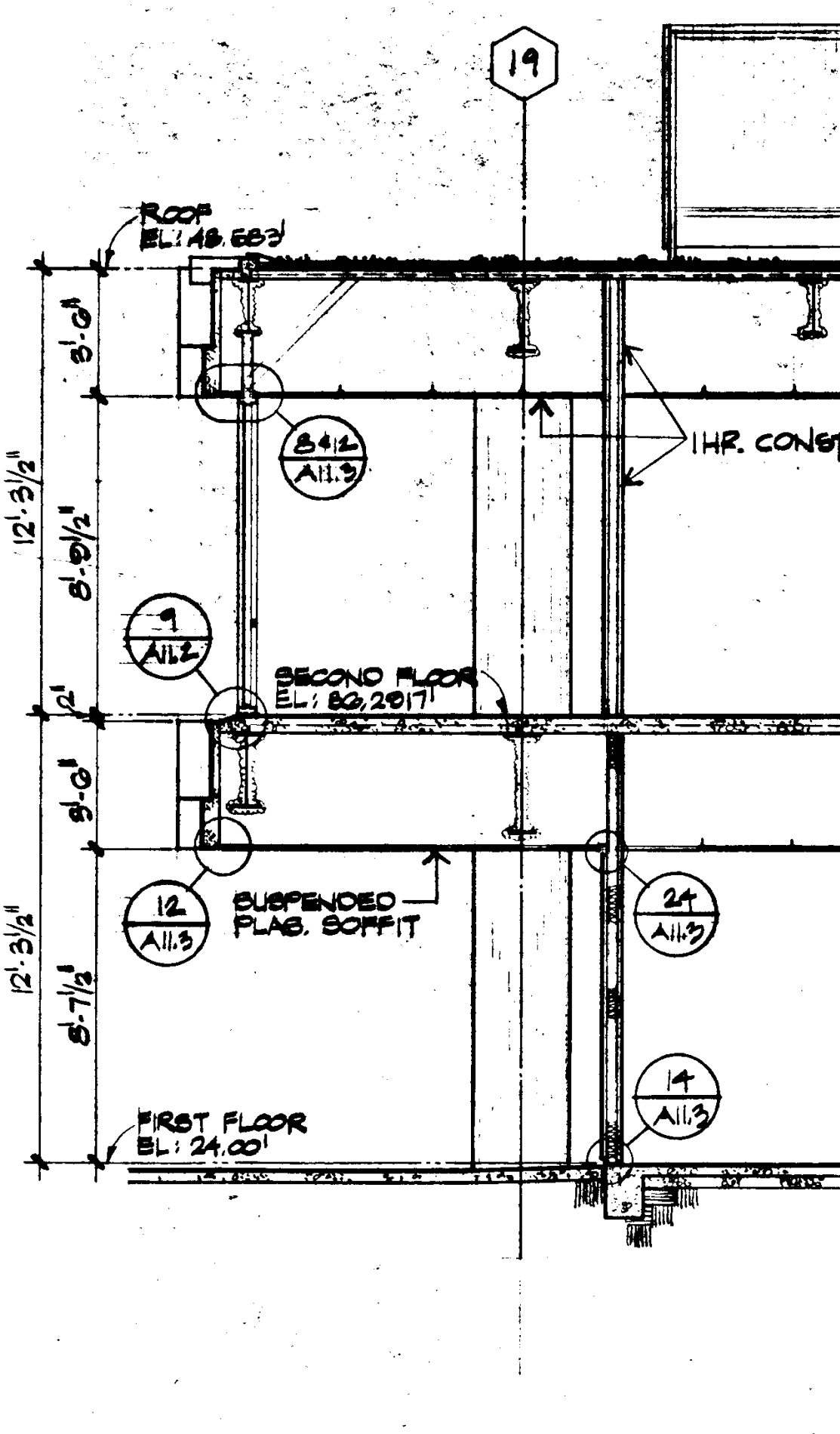
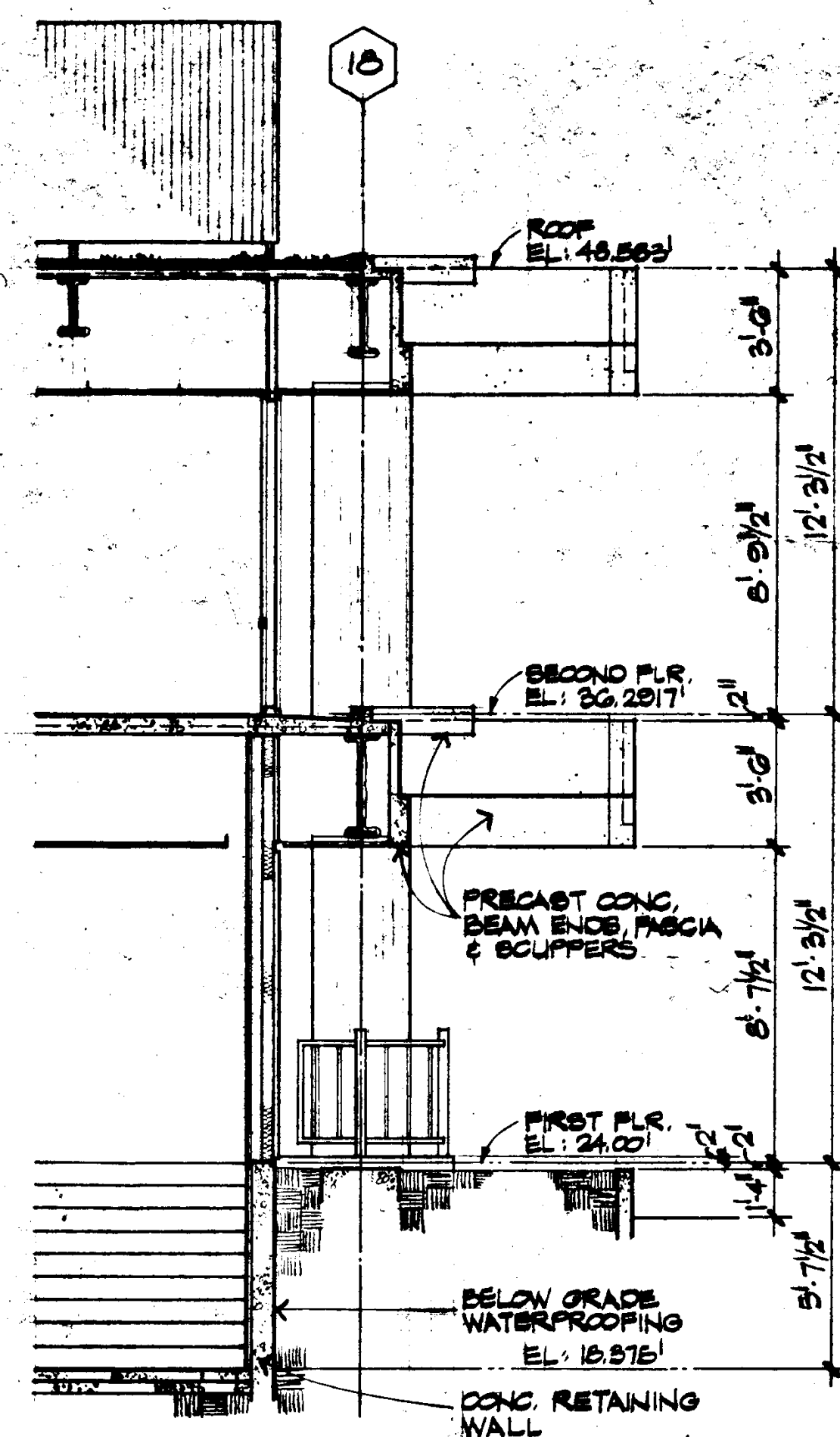
PROJECT NO. 76219.000  
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SHEET 12 OF 12

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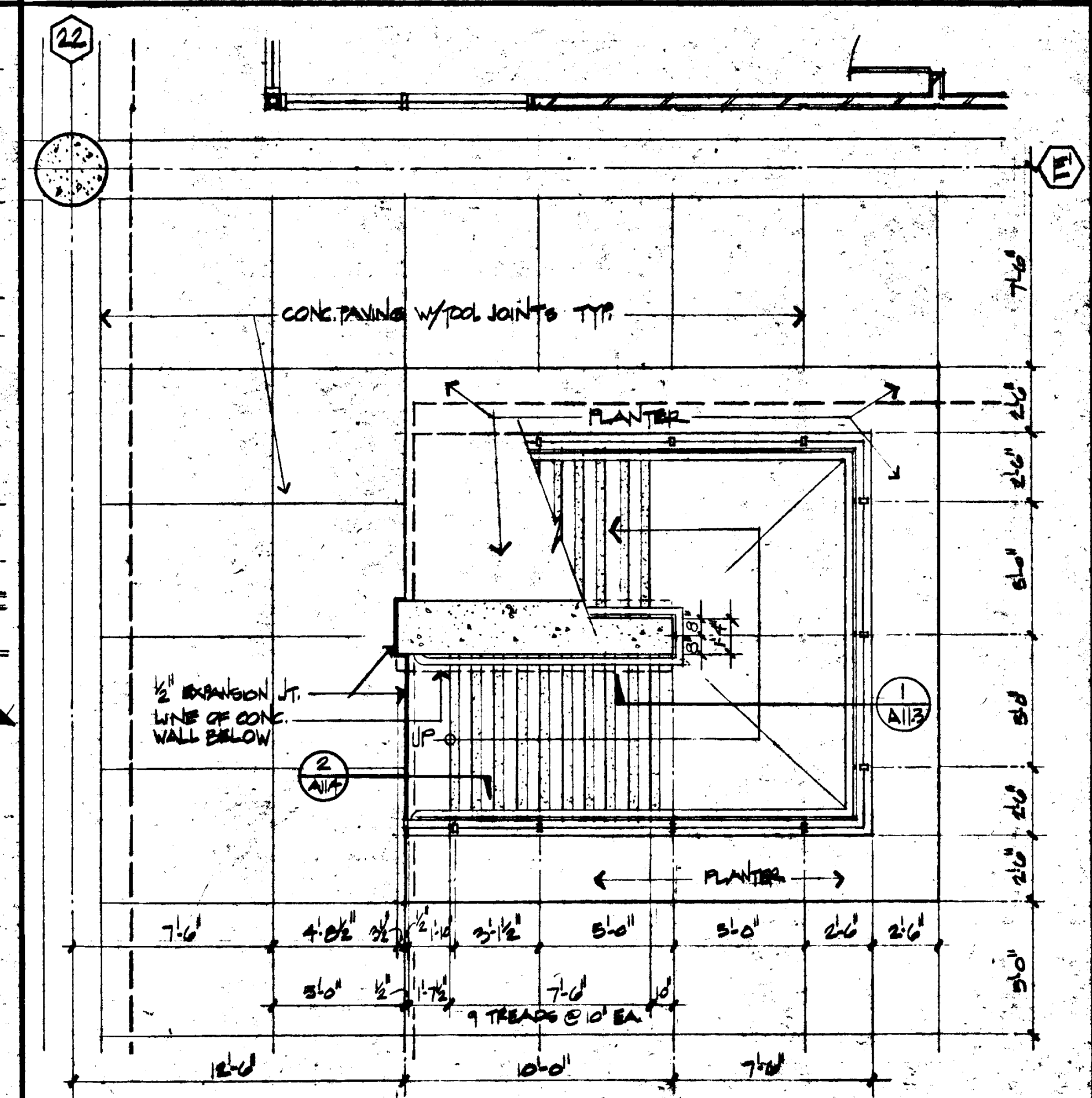
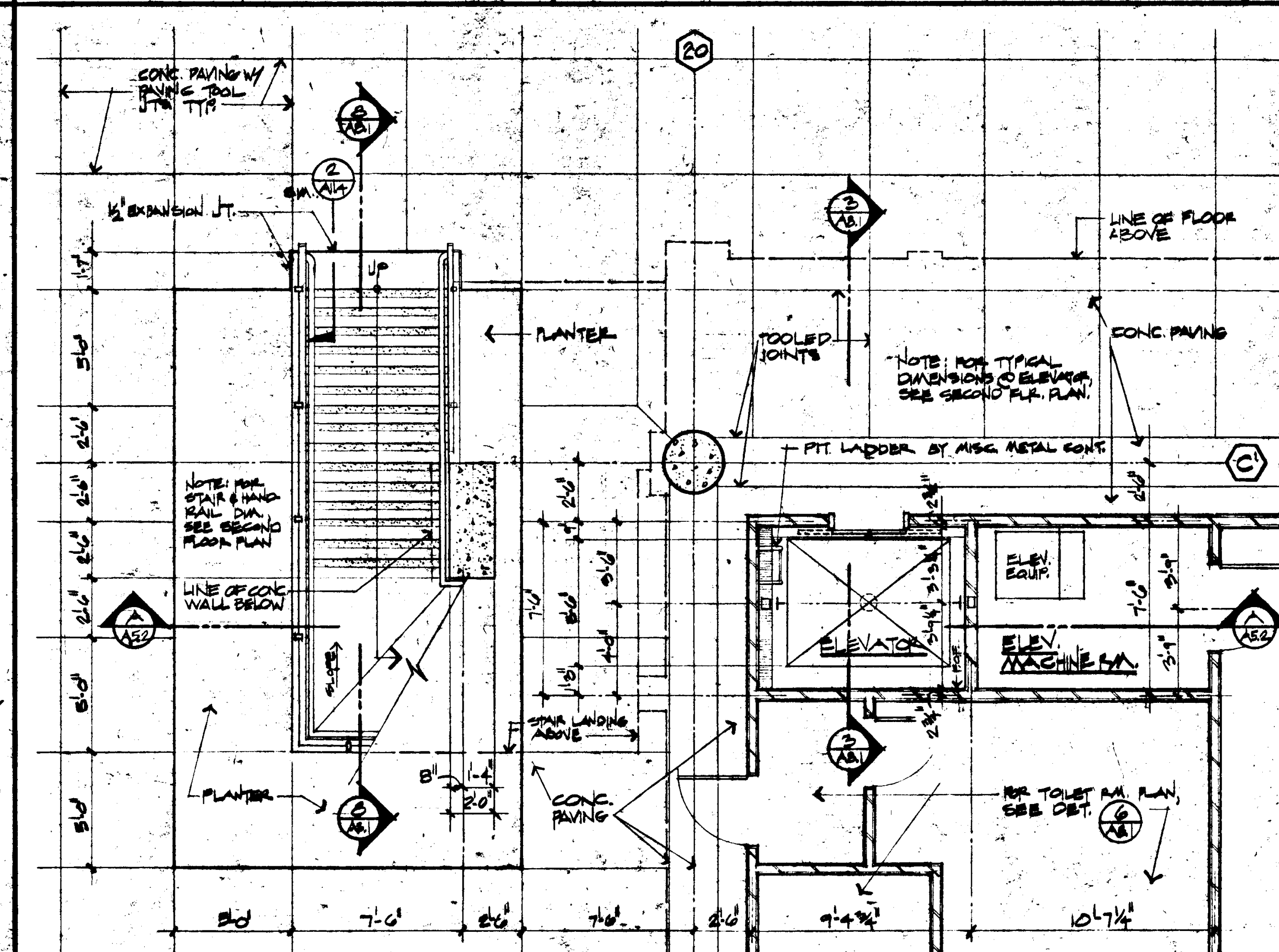
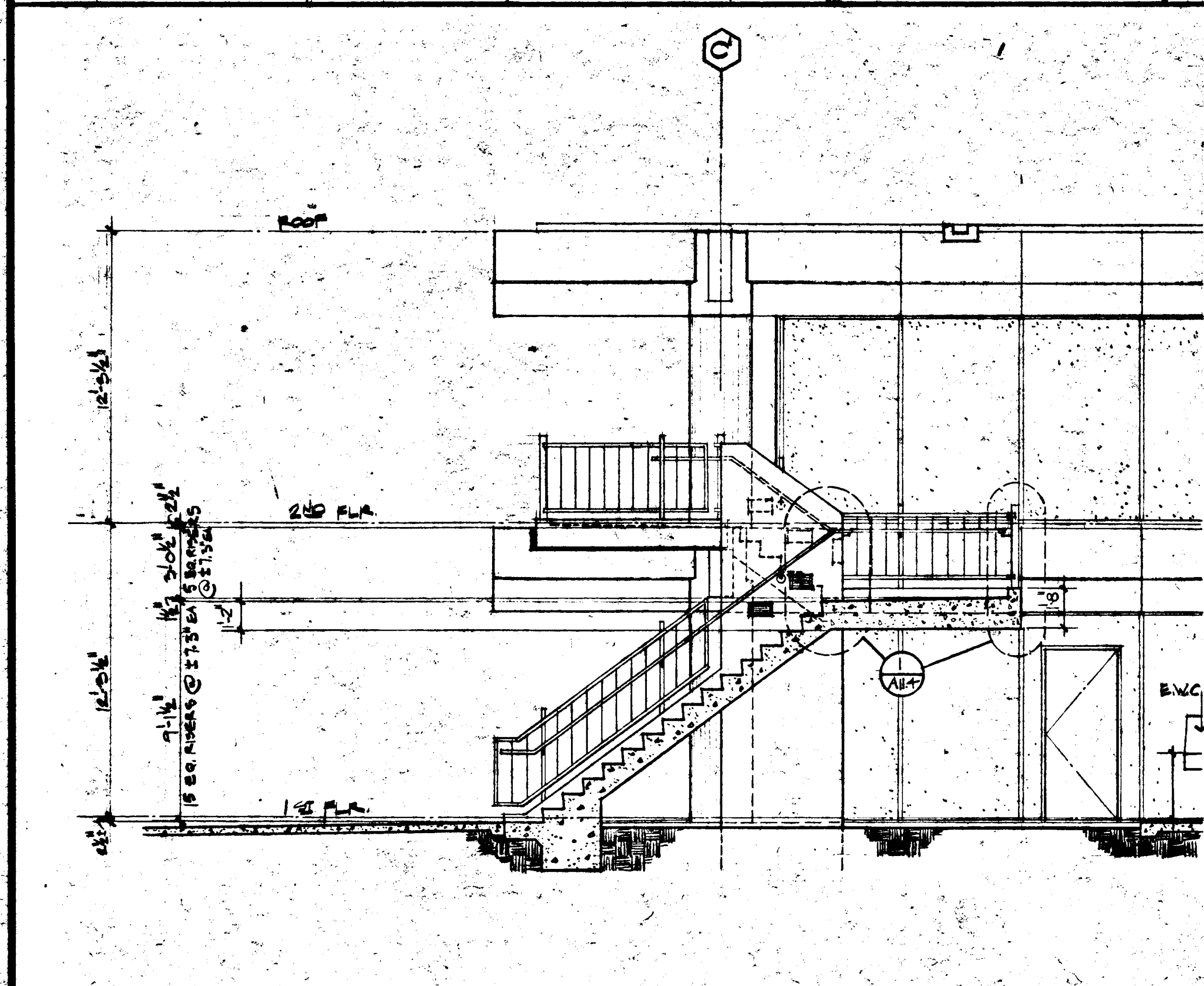
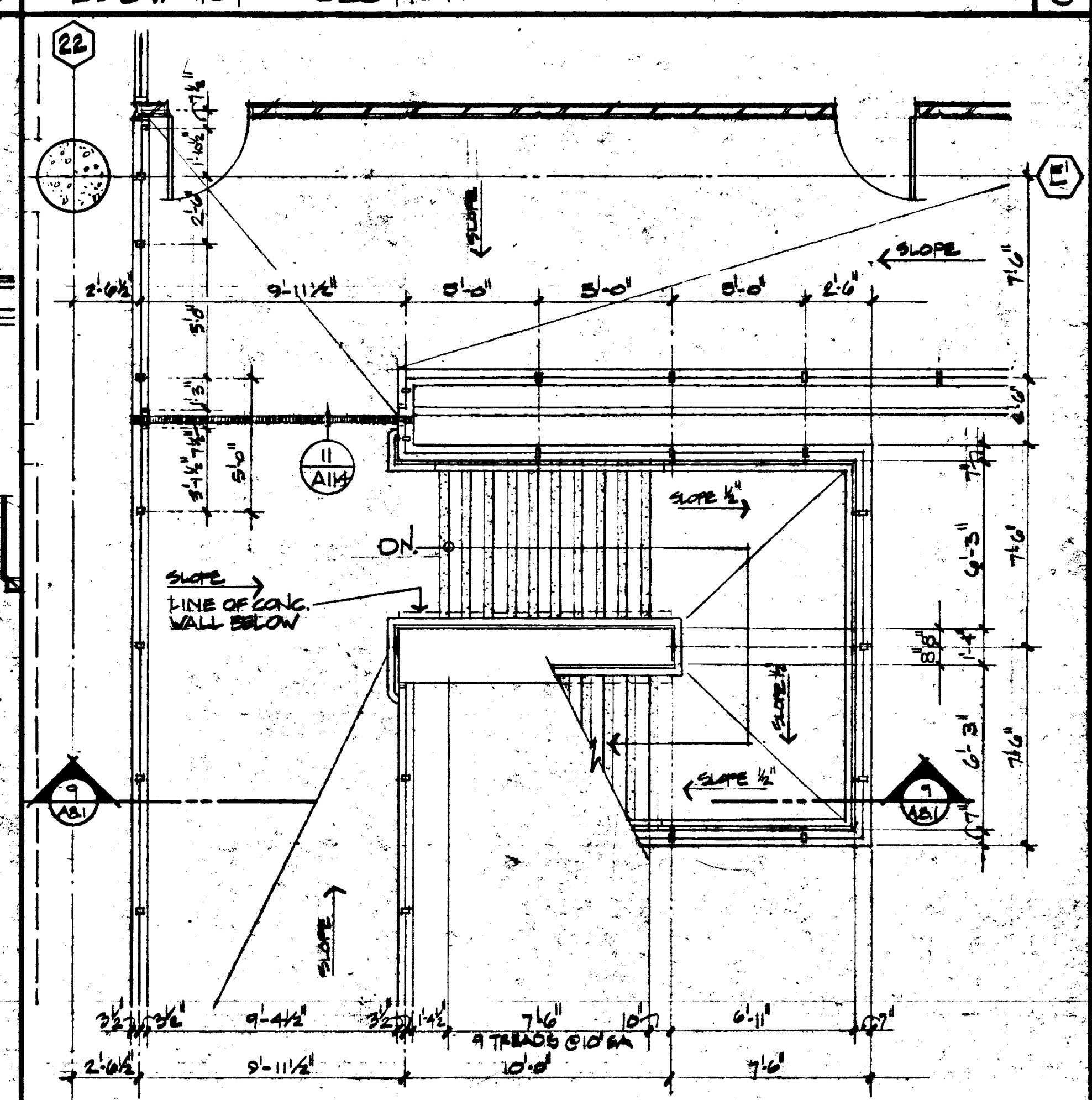
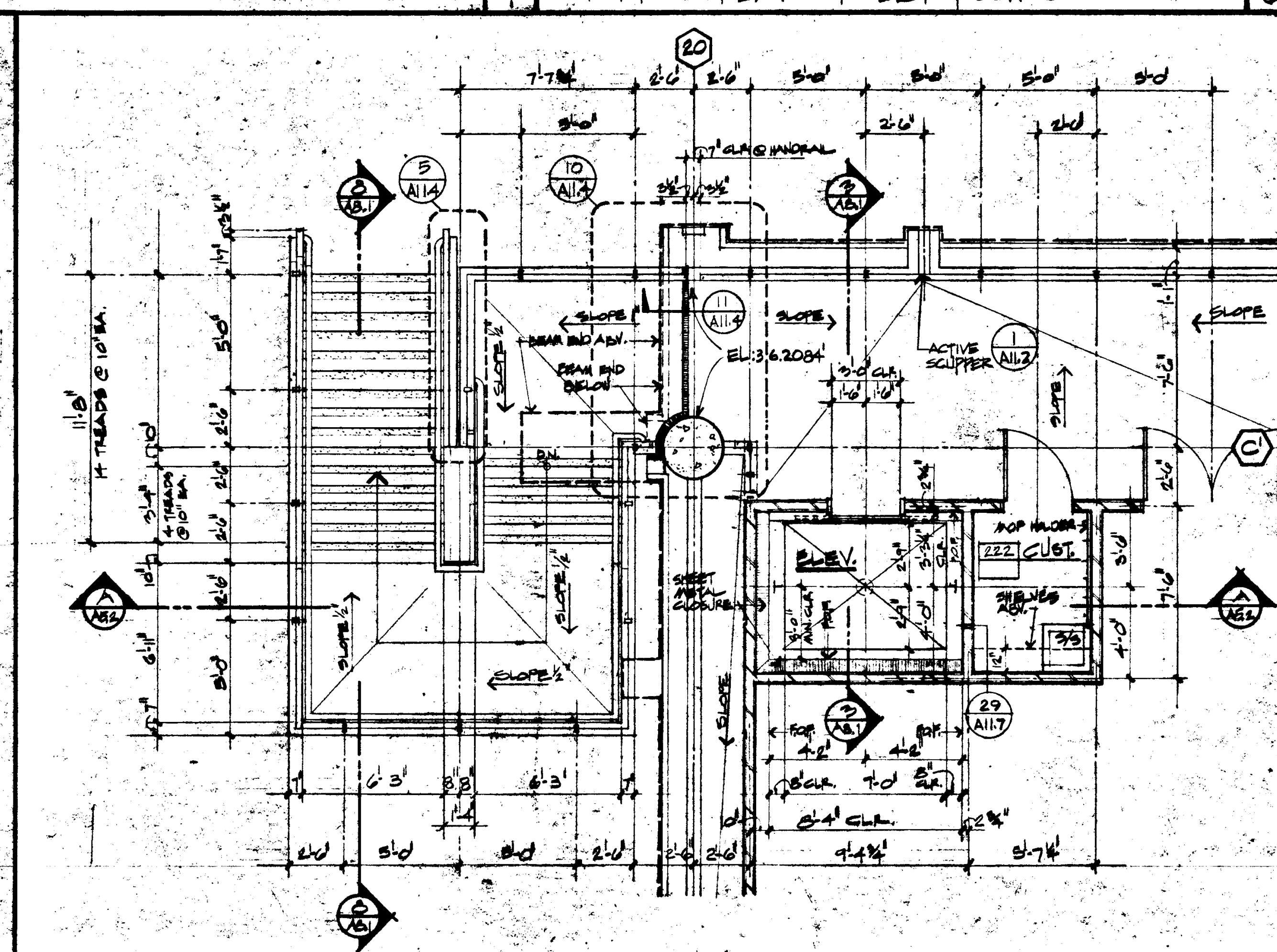
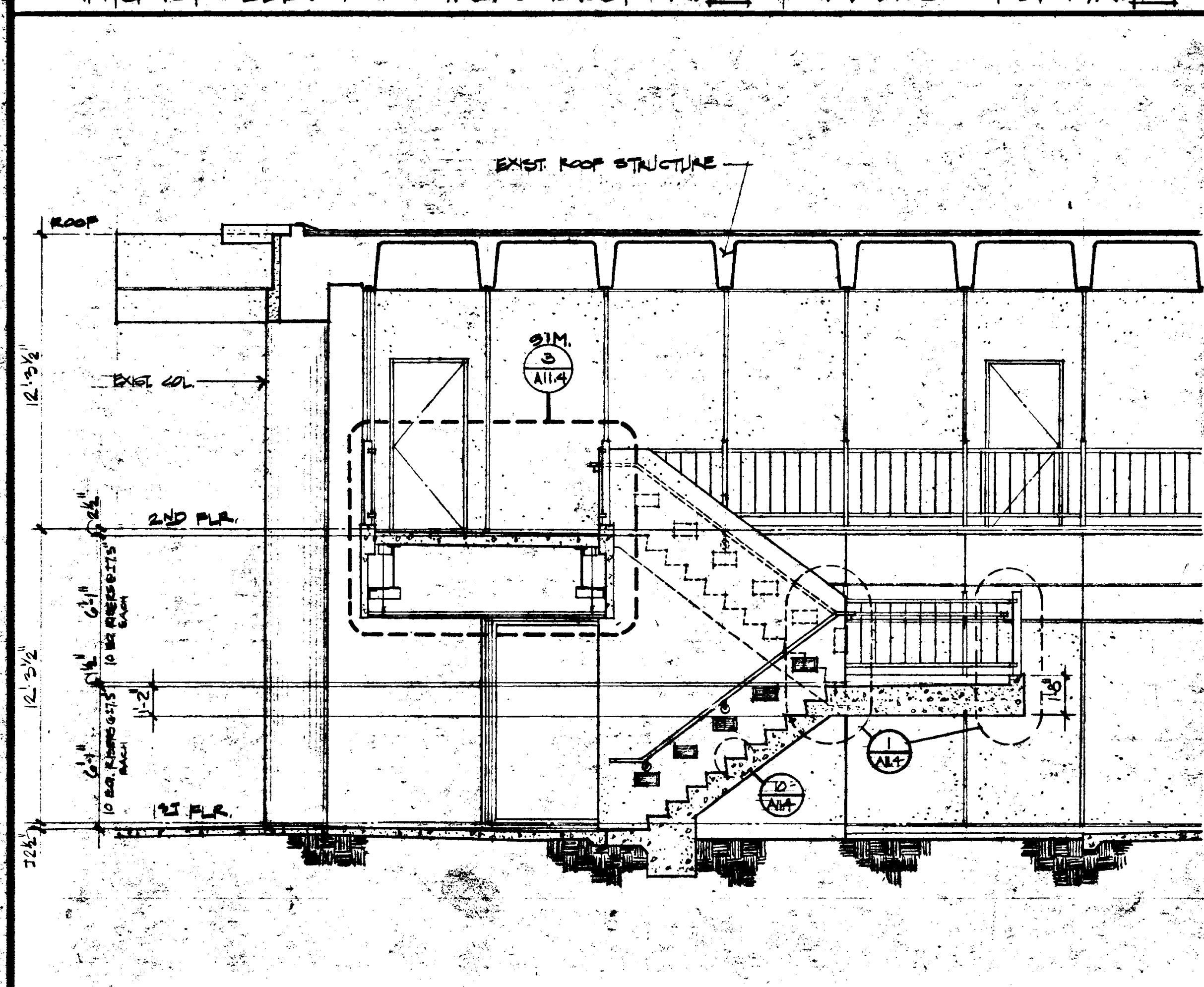
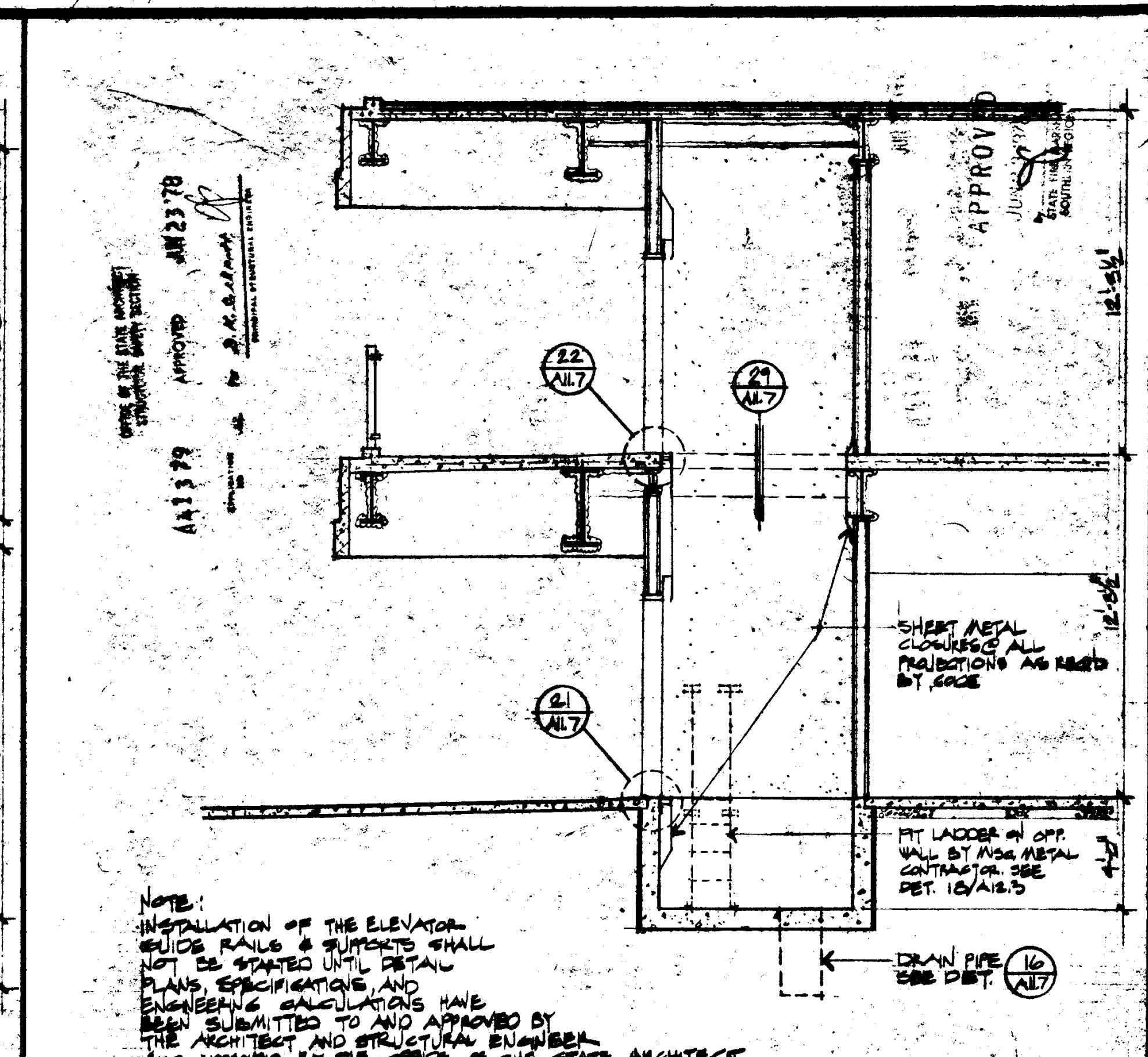
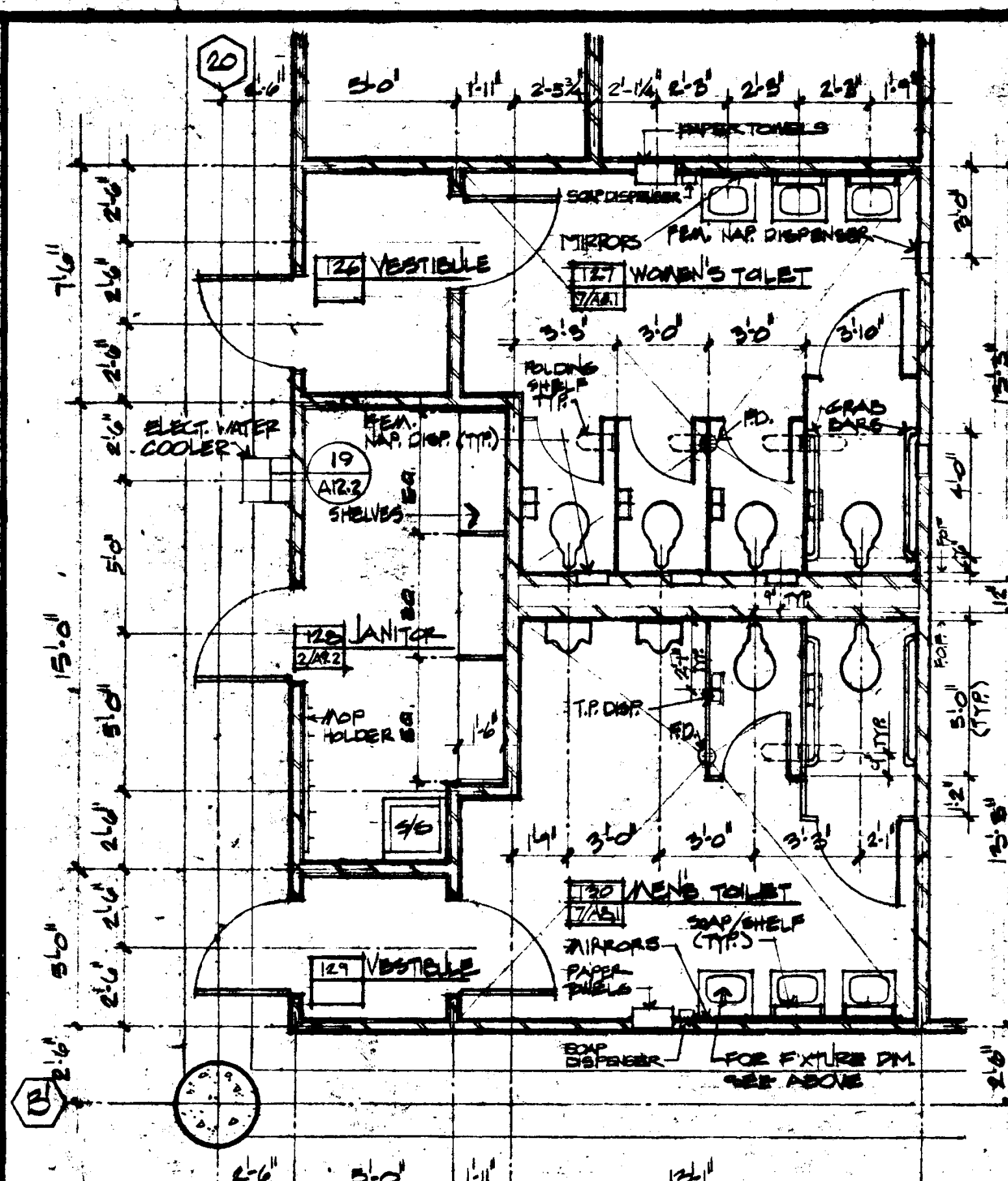
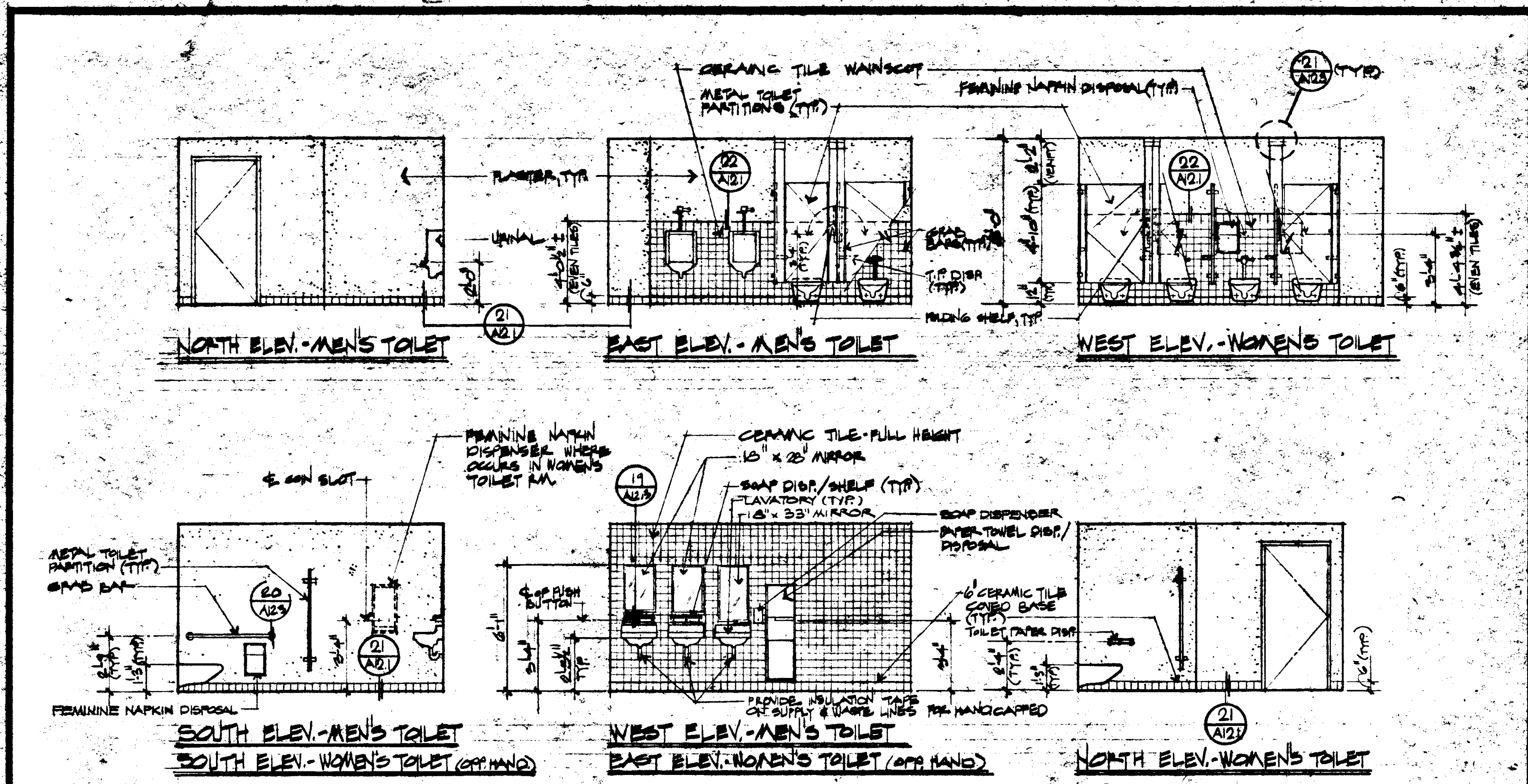




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<b>WALL SECTIONS</b> <b>GOLDEN WEST COLLEGE</b> HUNTINGTON BEACH, CALIFORNIA COAST COMMUNITY COLLEGE DISTRICT		EDUCATIONAL UNIT 2A SCALE 1/4" = 1'-0"	
PROJECT NO. <b>16013-000</b> SHEET NO. <b>A7.1</b> SHEET 1 OF 1		ISSUE DATE: _____	



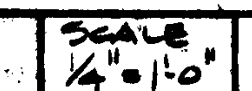
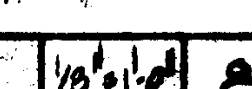
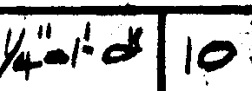
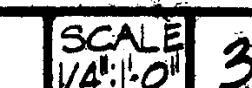


<b>WILLIAM L. PEREIRA ASSOCIATES</b> PLANNERS-ARCHITECTS-ENGINEERS 17000 S. HUNTINGTON BLVD., SUITE 200 HUNTINGTON BEACH, CALIFORNIA 92648 (714) 444-0020		PROJECT NO. 76013.000 SHEET NO. <b>A8.1</b> SHEET 13 OF 13
DRAWN BY: DHP CHECKED BY: [Signature] PROJECT DIRECTOR: [Signature]	ENGINEER: [Signature] ARCHITECT: [Signature]	SCALE: 1/4" = 1'-0" DATE: 6/23/78

EDUCATIONAL UNIT 2A  
**GOLDEN WEST COLLEGE**  
 HUNTINGTON BEACH, CALIFORNIA  
 COAST COMMUNITY COLLEGE DISTRICT

STAIR & ELEVATOR PLANS & SECTIONS  
 TOILET ROOM PLANS & ELEVATIONS



[illegible]

SCALE: AS NOTED

ISSUE DATE \_\_\_\_\_

PROJECT NO. 1695.000  
76013.001

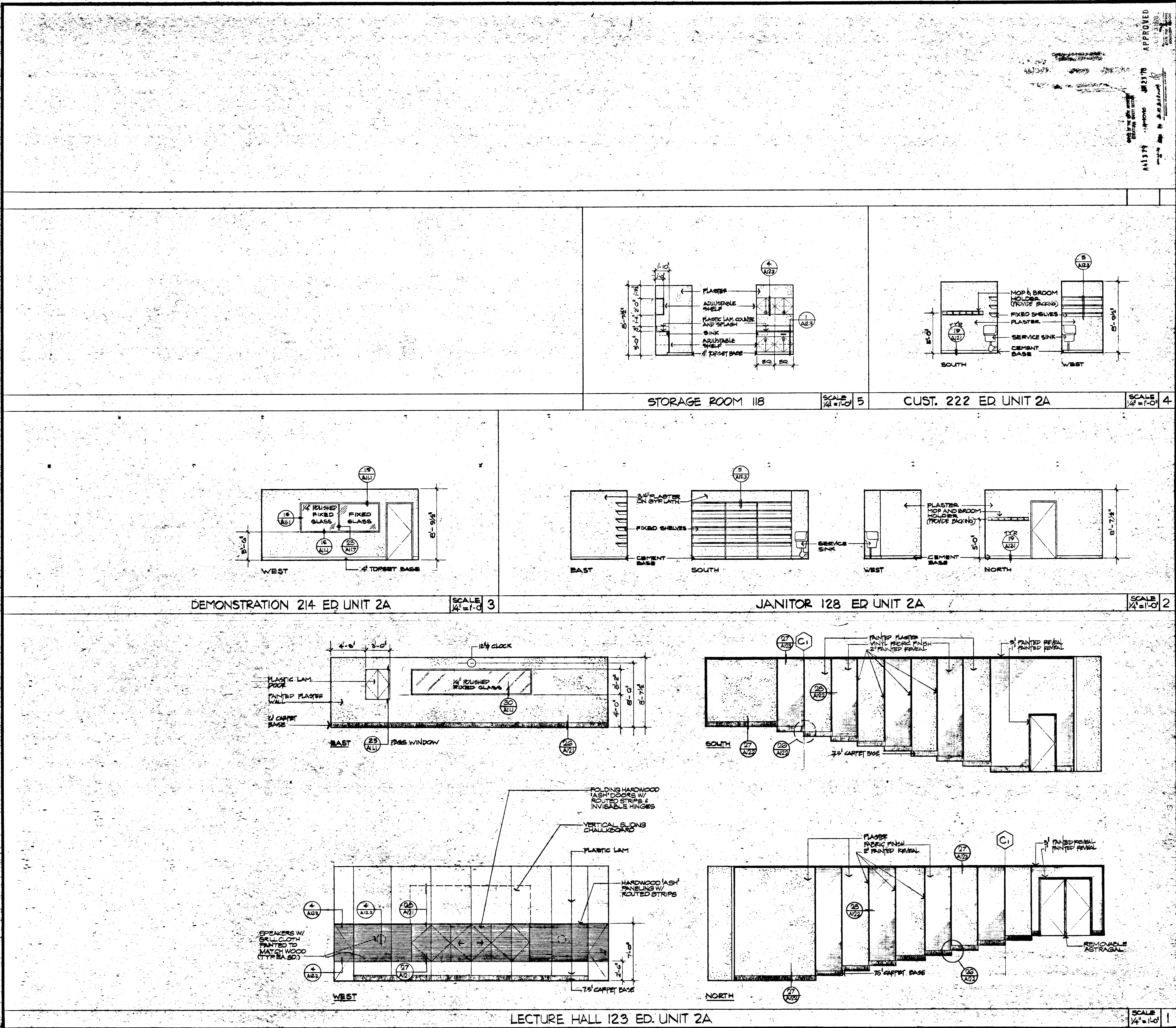
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SHEET 16 OF \_\_\_\_\_



6/23/78





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APPROVED

6/13/78

PROJECT NO. 70013.000

SHEET NO. A9.2

18 OF

6/13/78

WILLIAM L. PEREIRA ASSOCIATES

PLANNERS-ARCHITECTS-ENGINEERS

URBANIS SQUARE MARTIN BLVD. AT FORD ROAD

CORONA DEL MAR, CALIFORNIA 92625

714-444-0020

EDUCATIONAL UNIT 2A

**GOLDEN WEST COLLEGE**

HUNTINGTON BEACH, CALIFORNIA

COAST COMMUNITY COLLEGE DISTRICT

INTERIOR ELEVATIONS

SCALE 1/4" = 1'-0"



## DOOR &amp; FRAME SCHEDULE

NUMBER	SIZE W x H	THK	TYPE	MATERIAL	LABEL	GLASS	LOUVER	HDLR	FRAMES			REMARKS
									HEAD	JAMB	THRESH	
101	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
102	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
103	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
104	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
105	NOT USED											
106	3' x 7'	1 1/2"	B	H.M.					13/4" x 1 1/2"	13/4" x 1 1/2"		
107	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
108	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
109	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
110	NOT USED											
111	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
112	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
113	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
114	3' x 7'	1 1/2"	B	H.M.					13/4" x 1 1/2"	13/4" x 1 1/2"		
115	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
116	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
117	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
118	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
119	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
120	NOT USED											
121	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
122	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
123	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
124	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
125	NOT USED											
126	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
127	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
128	3' x 7'	1 1/2"	C	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
129	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
130	NOT USED											
131	3' x 7'	1 1/2"	C	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
132	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
133	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
134	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
135	NOT USED											
136	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
137	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
138	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
139	NOT USED											
140	NOT USED											
201	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
202	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
203	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
204	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
205	NOT USED											
206	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
207	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
208	NOT USED											
209	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
210	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
211	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
212	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
213	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
214	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
215	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
216	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
217	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
218	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
219	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
220	NOT USED											
221	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
222	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
223	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
224	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
225	NOT USED											
226	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
227	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
228	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
229	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
230	NOT USED											
231	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
232	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
233	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
234	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
235	NOT USED											
236	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
237	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
238	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
239	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
240	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
241	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
242	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		
243	3' x 7'	1 1/2"	A	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		

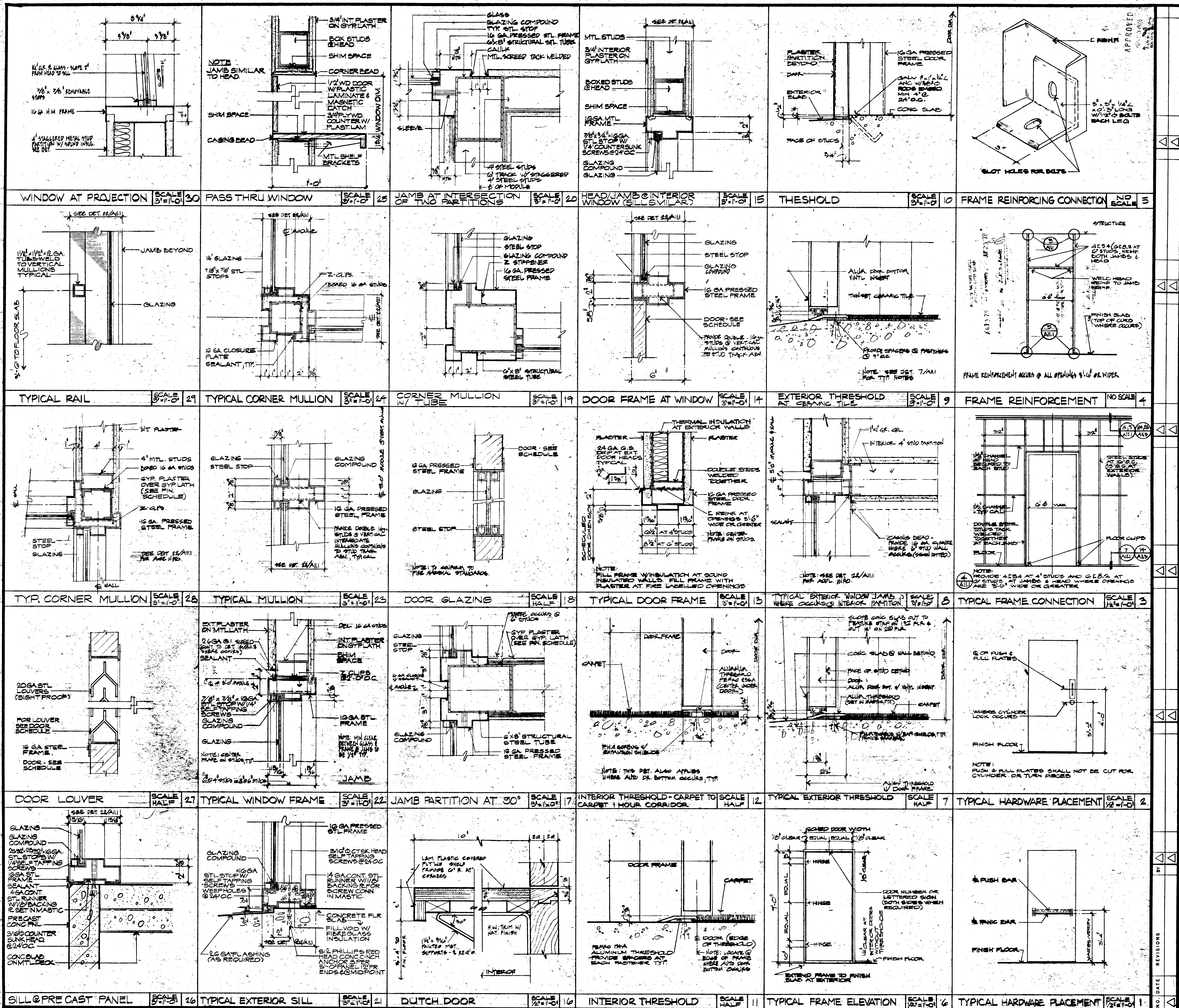
## STUDENT SERVICES CENTER

101	3' x 7'	1 1/2"	E	H.M.					13/4" x 1 1/2"	13/4" x 1 1/2"		
102	3' x 7'	1 1/2"	E	H.M.					13/4" x 1 1/2"	13/4" x 1 1/2"		
103	3' x 7'	1 1/2"	E	H.M.					13/4" x 1 1/2"	13/4" x 1 1/2"		
104	3' x 7'	1 1/2"	E	H.M.					13/4" x 1 1/2"	13/4" x 1 1/2"		
105	NOT USED											
106	3' x 7'	1 1/2"	E	H.M.					13/4" x 1 1/2"	13/4" x 1 1/2"		
107	3' x 7'	1 1/2"	E	H.M.					13/4" x 1 1/2"	13/4" x 1 1/2"		
108	3' x 7'	1 1/2"	F	WOOD-SC					13/4" x 1 1/2"	13/4" x 1 1/2"		

## INTERIOR FINISH SCHEDULE

ROOM			MATERIALS										PAINTING & FINISHES										REMARKS			
NUMBER	NAME	REF	FLOOR	BASE	WAINSCOT		WALLS				CEILING		CSWK	TRIM	WAINS	WALLS				CEILING	CSWK	TRIM	DOORS			
					MAT	HT	NORTH	EAST	SOUTH	WEST	MAT	HT				NORTH	EAST	SOUTH	WEST							
101	OFFICE	F-22	CARP.	TCV.I			W/P.R.	P.1	P.1	P.1	P.1	AT-1	8'-7 1/2"		MTL		FR	FR	FR	FR			SGE	SGE		
102	OFFICE	F-22	CARP.	TCV.I			W/P.R.	P.1	P.1	P.1	P.1	AT-1	8'-7 1/2"		MTL		FR	FR	FR	FR			SGE	SGE		
103	OFFICE	F-21	CARP.	TCV.I			W/P.R.	P.1	P.1	P.1	P.1	AT-1	8'-7 1/2"		MTL		FR	FR	FR	FR			SGE	SGE		
104	OFFICE	F-21	CARP.	TCV.I			W/P.R.	P.1	P.1	P.1	P.1	AT-1	8'-7 1/2"		MTL		FR	FR	FR	FR			SGE	SGE		
105	SECRETARY	E-21	CARP-2	WOOD	WOOD		W/P.R.	P.1	P.1	P.1	P.1	AT-2	8'-7 1/2"		WDMTL		FR	FR	FR	FR			SGE	SGE	SEE ELEV'D. FOR ADD. FINISHES	
106	OFFICE	E-22	CARP-2	WOOD	WOOD		W/P.R.	P.1	P.1	P.1	P.1	AT-2	8'-7 1/2"		WDMTL		FR	FR	FR	FR			SGE	SGE		
107	CLASSROOM	F-20	CARP-2	T.S.V.I	WOOD		W/P.R.	P.1	P.1	P.1	P.1	AT-3	8'-7 1/2"		WDMTL		FR	FR	FR	FR			SGE	SGE		
108	OFFICE	E-20	CARP-2	T.S.V.I			W/P.R.	P.1	P.1	P.1	P.1	AT-4	8'-7 1/2"		MTL		FR	FR	FR	FR			SGE	SGE		
109	SECRETARY	E-19	CARP-1	T.S.V.I			W/P.R.	P.1	P.1	P.1	P.1	AT-1	8'-7 1/2"		MTL		FR	FR	FR	FR			SGE	SGE		
110	OFFICE	F-20	CARP-1	T.S.V.I			W/P.R.	P.1	P.1	P.1	P.1	AT-1	8'-7 1/2"		MTL		FR	FR	FR	FR			SGE	SGE		
111	OFFICE	F-19	CARP-1	T.S.V.I			W/P.R.	P.1	P.1	P.1	P.1	AT-1	8'-7 1/2"		MTL		FR	FR	FR	FR			SGE	SGE		
112	OFFICE	F-19	CARP-1	T.S.V.I			W/P.R.	P.1	P.1	P.1	P.1	AT-1	8'-7 1/2"		MTL		FR	FR	FR	FR			SGE	SGE		
113	SECRETARY	F-19	CARP-1	T.S.V.I			W/P.R.	P.1	P.1	P.1	P.1	AT-1	8'-7 1/2"		MTL		FR	FR	FR	FR			SGE	SGE		
114	OFFICE	F-18	CARP-1	T.S.V.I			W/P.R.	P.1	P.1	P.1	P.1	AT-1	8'-7 1/2"		MTL		FR	FR	FR	FR			SGE	SGE		
115	SECRETARY	E-18	CARP-1	T.S.V.I			W/P.R.	P.1	P.1	P.1	P.1	AT-1	8'-7 1/2"		MTL		FR	FR	FR	FR			SGE	SGE		
116	OFFICE	E-18	CARP-1	T.S.V.I			W/P.R.	P.1	P.1	P.1	P.1	AT-1	8'-7 1/2"		MTL		FR	FR	FR	FR			SGE	SGE		
117	NOT USED																									
118	STORAGE	E-21	CARP-1	T.S.V.I			W/P.R.	P.1	P.1	P.1	P.1	AT-1	8'-7 1/2"		MTL		FR	FR	FR	FR			SGE	SGE		
119	CLASSROOM	E-18	CARP-1	T.S.V.I			W/P.R.	P.1	P.1	P.1	P.1	AT-1	8'-7 1/2"		MTL		FR	FR	FR	FR			SGE	SGE		
120	CLASSROOM	E-18	CARP-1	T.S.V.I			W/P.R.	P.1	P.1	P.1	P.1	AT-1	8'-7 1/2"		MTL		FR	FR	FR	FR			SGE	SGE		
121	OFFICE	D-19	CARP-1	T.S.V.I			W/P.R.	P.1	P.1	P.1	P.1	AT-1	8'-7 1/2"		MTL		FR	FR	FR	FR			SGE	SGE		
122	PROJECTION	D-18	CARP-1	T.S.V.I			W/P.R.	P.1	P.1	P.1	P.1	AT-1	8'-7 1/2"		MTL		FR	FR	FR	FR			SGE	SGE	W/ABU. PL. PL. BLV. 24" x 30"	
123	LECTURE HALL	C-19	CARP-1	T.S.V.I			W/P.R.	P.1	P.1	P.1	P.1	AT-1	8'-7 1/2"		MTL		FR	FR	FR	FR			SGE	SGE	W/ABU. PL. PL. BLV. 24" x 30"	
124	ELECTRICAL	B-19	CONC.				W/P.R.	P.1	P.1	P.1	P.1	EXP	8'-7 1/2"		MTL		SGE	SGE	SGE	SGE			SGE	SGE	W/ABU. PL. PL. BLV. 24" x 30"	
125	ELEV. MACHINE	C-20	CONC.				W/P.R.	P.1	P.1	P.1	P.1	EXP	8'-7 1/2"		MTL		SGE	SGE	SGE	SGE			SGE	SGE	W/ABU. PL. PL. BLV. 24" x 30"	
126	VESTIBULE	C-20	U.C.T.	C.T.			W/P.R.	P.1	P.1	P.1	P.1	AT-1	8'-7 1/2"		MTL		GE	GE	GE	GE			GE	GE		
127	WOMEN'S TOILET	C-20	U.C.T.	C.T.			W/P.R.	P.1	P.1	P.1	P.1	AT-1	8'-7 1/2"		MTL		GE	GE	GE	GE			GE	GE		
128	JANITOR	B-20	CONC-2	TSV 2			W/P.R.	P.1	P.1	P.1	P.1	AT-1	8'-7 1/2"		MTL		GE	GE	GE	GE			GE	GE		
129	VESTIBULE	B-20	U.C.T.	C.T.			W/P.R.	P.1	P.1	P.1	P.1	AT-1	8'-7 1/2"		MTL		GE	GE	GE	GE			GE	GE		
130	MEN'S TOILET	B-20	U.C.T.	C.T.			W/P.R.	P.1	P.1	P.1	P.1	AT-1	8'-7 1/2"		MTL		GE	GE	GE	GE			GE	GE		
201	CLASSROOM	F-22	CARP.	TSV.I			W/P.R.	P.1	P.1	P.1	P.1	AT-1	8'-9 1/2"		MTL		FR	FR	FR	FR			SGE	SGE		
202	CLASSROOM	F-21	CARP.	TSV.I			W/P.R.	P.1	P.1	P.1	P.1	AT-1	8'-9 1/2"		MTL		FR	FR	FR	FR			SGE	SGE		
203	CLASSROOM	F-20	CARP.	TSV.I			W/P.R.	P.1	P.1	P.1	P.1	AT-1	8'-9 1/2"		MTL		FR	FR	FR	FR			SGE	SGE		
204	NOT USED																									
205	OFFICE	E-20	CARP.	TSV.I			W/P.R.	P.1	P.1	P.1	P.1	AT-1	8'-9 1/2"		MTL		FR	FR	FR	FR			SGE	SGE		
206	OFFICE	E-19	CARP.	TSV.I			W/P.R.	P.1	P.1	P.1	P.1	AT-1	8'-9 1/2"		MTL		FR	FR	FR	FR			SGE	SGE		
207	CLASSROOM	F-19	CARP.	TSV.I			W/P.R.	P.1	P.1	P.1	P.1	AT-1	8'-9 1/2"		MTL		FR	FR	FR	FR			SGE	SGE		
208	NOT USED																									
209	CLASSROOM	F-18	CARP.	TSV.I			W/P.R.	P.1	P.1	P.1	P.1	AT-1	8'-9 1/2"		MTL		FR	FR	FR	FR			SGE	SGE		
210	OFFICE	E-19	CARP.	TSV.I			W/P.R.	P.1	P.1	P.1	P.1	AT-1	8'-9 1/2"		MTL		FR	FR	FR	FR			SGE	SGE		
211	OFFICE	E-19	CARP.	TSV.I			W/P.R.	P.1	P.1	P.1	P.1	AT-1	8'-9 1/2"		MTL		FR	FR	FR	FR			SGE	SGE		
212	OFFICE	E-19	CARP.	TSV.I			W/P.R.	P.1	P.1	P.1	P.1	AT-1	8'-9 1/2"		MTL		FR	FR	FR	FR			SGE	SGE		
213	OFFICE	D-19	CARP.	TSV.I			W/P.R.	P.1	P.1	P.1	P.1	AT-1	8'-9 1/2"		MTL		FR	FR	FR	FR			SGE	SGE		
214	DEMONSTRATION	E-18	CARP.	TSV.I			W/P.R.	P.1	P.1	P.1	P.1	AT-1	8'-9 1/2"		MTL		FR	FR	FR	FR			SGE	SGE		
215	PREPARATION	E-18	CARP.	TSV.I			W/P.R.	P.1	P.1	P.1	P.1	AT-1	8'-9 1/2"		MTL		FR	FR	FR	FR			SGE	SGE		
216	PSYCHOLOGY LAB	D-18	CARP.	TSV.I			W/P.R.	P.1	P.1	P.1	P.1	AT-1	8'-9 1/2"		MTL		FR	FR	FR	FR			SGE	SGE		
217	CLASSROOM	C-18	CARP.	TSV.I			W/P.R.	P.1	P.1	P.1	P.1	AT-1	8'-9 1/2"		MTL		FR	FR	FR	FR			SGE	SGE		
218	CLASSROOM	B-18	CARP.	TSV.I			W/P.R.	P.1	P.1	P.1	P.1	AT-1	8'-9 1/2"		MTL		FR	FR	FR	FR			SGE	SGE		
219	STORAGE	B-19	CARP.	TSV.I			W/P.R.	P.1	P.1	P.1	P.1	AT-1	8'-9 1/2"		MTL		FR	FR	FR	FR			SGE	SGE		
220	MECHANICAL	B-20	EDC	CEM.			W/P.R.	P.1	P.1	P.1	P.1	EXP	8'-9 1/2"		MTL		SGE	SGE	SGE	SGE			SGE	SGE	PROVIDE 2" FIBERGLASS CLIP TO WALLS & CEILING	
221	CORRIDOR	19	CARP.	TSV.I			W/P.R.	P.1	P.1	P.1	P.1	AT-1	8'-9 1/2"		MTL		GE	GE	GE	GE			GE	GE		
222	CUSTODIAN	C-20	CONC 2	TSV 2			W/P.R.	P.1	P.1	P.1	P.1	AT-1	8'-9 1/2"		MTL		GE	GE	GE	GE			GE	GE		
223	BOILER ROOM	B-19	EDC	CEM.			W/P.R.	P.1	P.1	P.1	P.1	EXP	8'-9 1/2"		MTL		GE	GE	GE	GE			SGE	SGE		
STUDENT SERVICES CENTER																										
101	STUDENT SERV. CENTER	21-22	CARP.	TSV.I			W/P.R.	P.1	P.1	P.1	P.1	EXP	22'-3 1/2"		MTL		FR	FR	FR	FR			SGE	SGE		
102	RBX ROOM	J-21	CARP.	TSV.I			W/P.R.	P.1	P.1	P.1	P.1	EXP	10'-0"		MTL		FR	FR	FR	FR			SGE	SGE		
103	OFFICE	K-20	CARP.	TSV.I			W/P.R.	P.1	P.1	P.1	P.1	EXP	10'-0"		MTL		FR	FR	FR	FR			SGE	SGE		
104	RECORDS VAULT	K-20					W/P.R.	P.1	P.1	P.1	P.1	EXP	10'-0"		MTL		FR	FR	FR	FR			SGE	SGE		
105	NOT USED																									
106	BLV. MECH. ROOM	L-20	CONC.				W/P.R.	P.1	P.1	P.1	P.1	EXP	28'-9 1/2"		MTL		SGE	SGE	SGE	SGE			GE	GE		
201	ELEVATOR VESTIBULE	L-20	CONC 2	TSV 2			W/P.R.	P.1	P.1	P.1	P.1	EXP	8'-0"		MTL		FR	FR	FR	FR			SGE	SGE		





DESIGNED BY: BRADY J. JOHNSON  
 DRAWN BY: WILLIAM L. PEREIRA  
 CHECKED BY: WILLIAM L. PEREIRA  
 PROJECT NO.: 16013.000  
 SHEET NO.: 101  
 DATE: 6/23/78

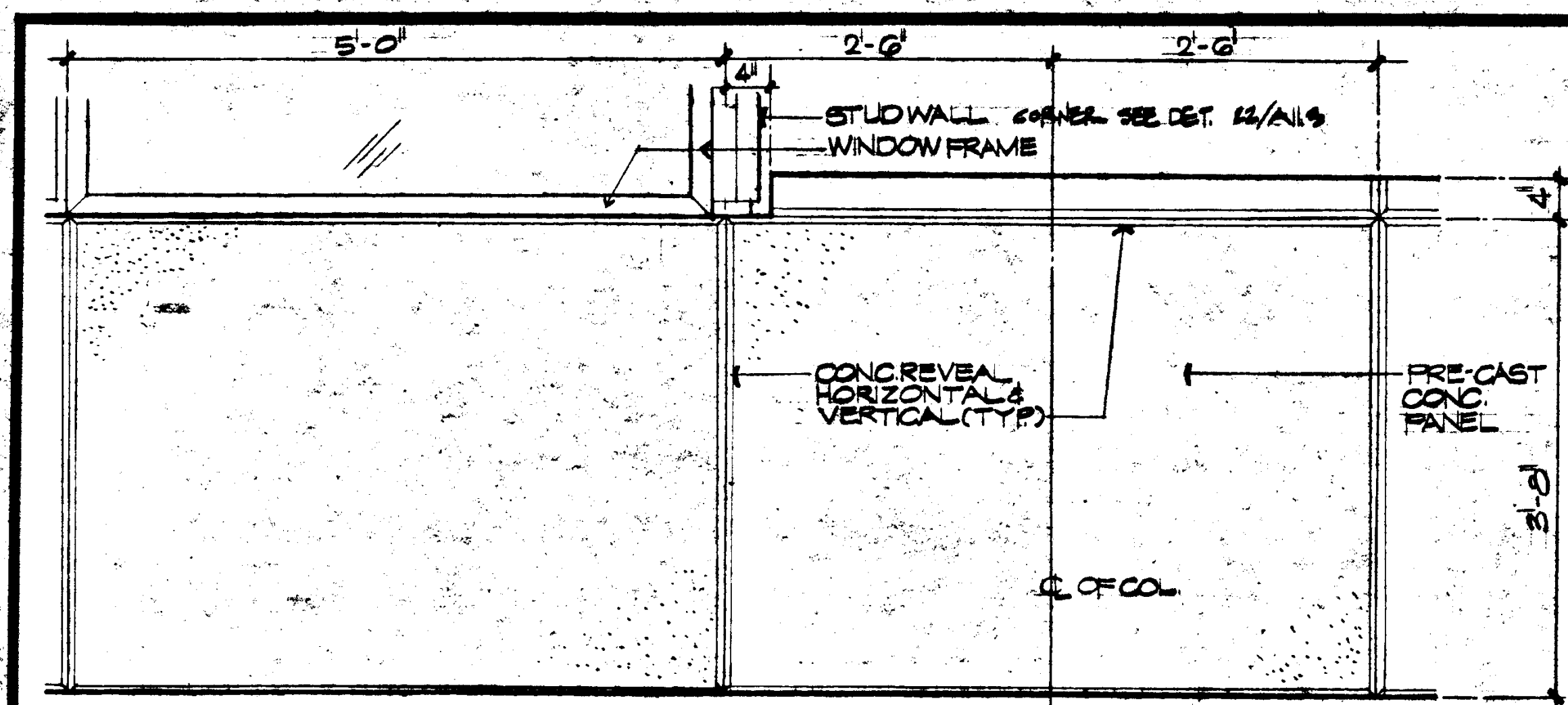
**WILLIAM L. PEREIRA ASSOCIATES**  
 PLANNERS - ARCHITECTS - ENGINEERS  
 URBAN SQUARE MARLBOROUGH BLVD. AT FORD ROAD  
 CORONA DEL MAR, CALIFORNIA 92625

**GOLDEN WEST COLLEGE**  
 HUNTINGTON BEACH, CALIFORNIA  
 COAST COMMUNITY COLLEGE DISTRICT

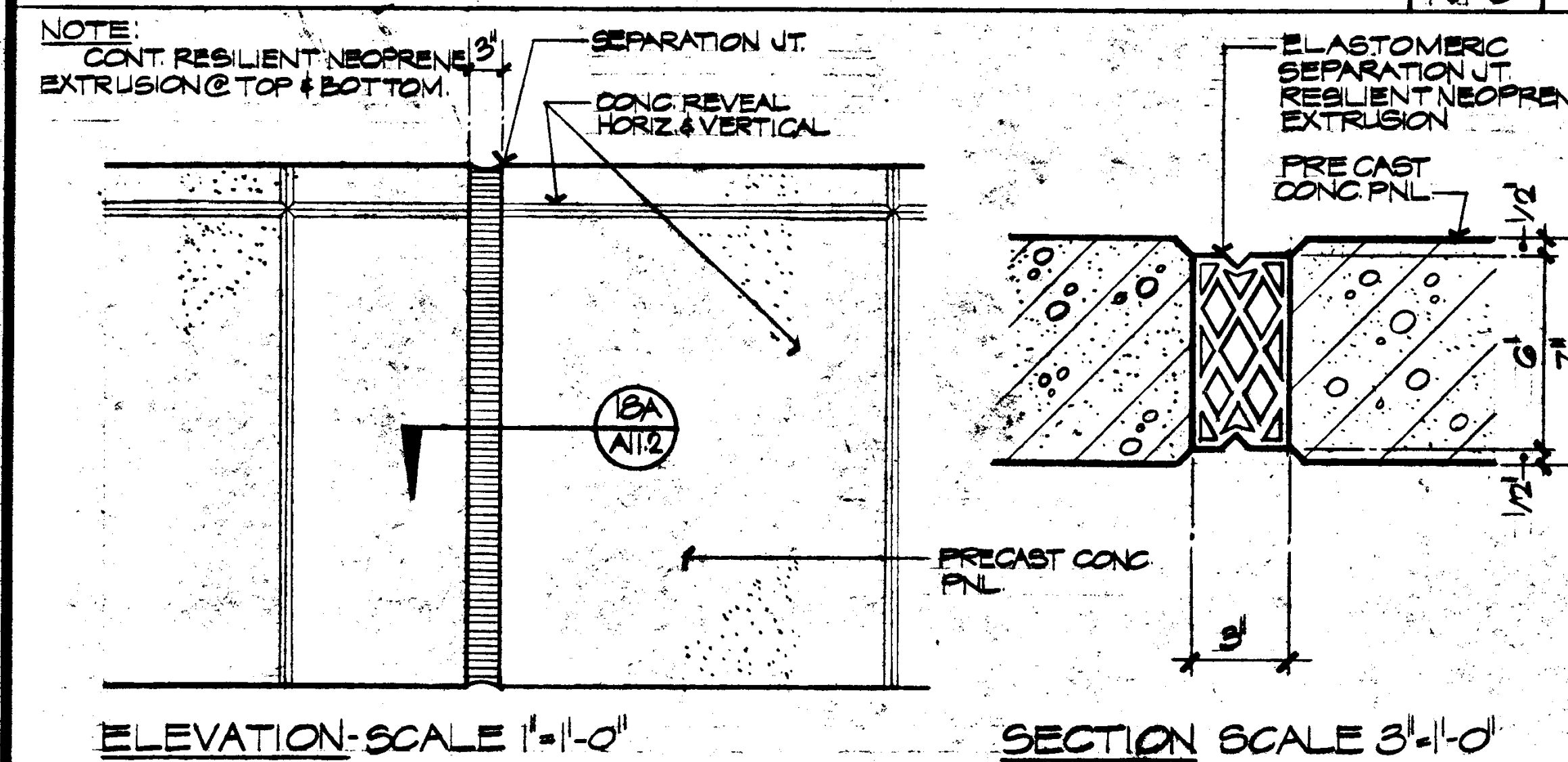
**DOOR & WINDOW DETAILS**

SCALE AS NOTED

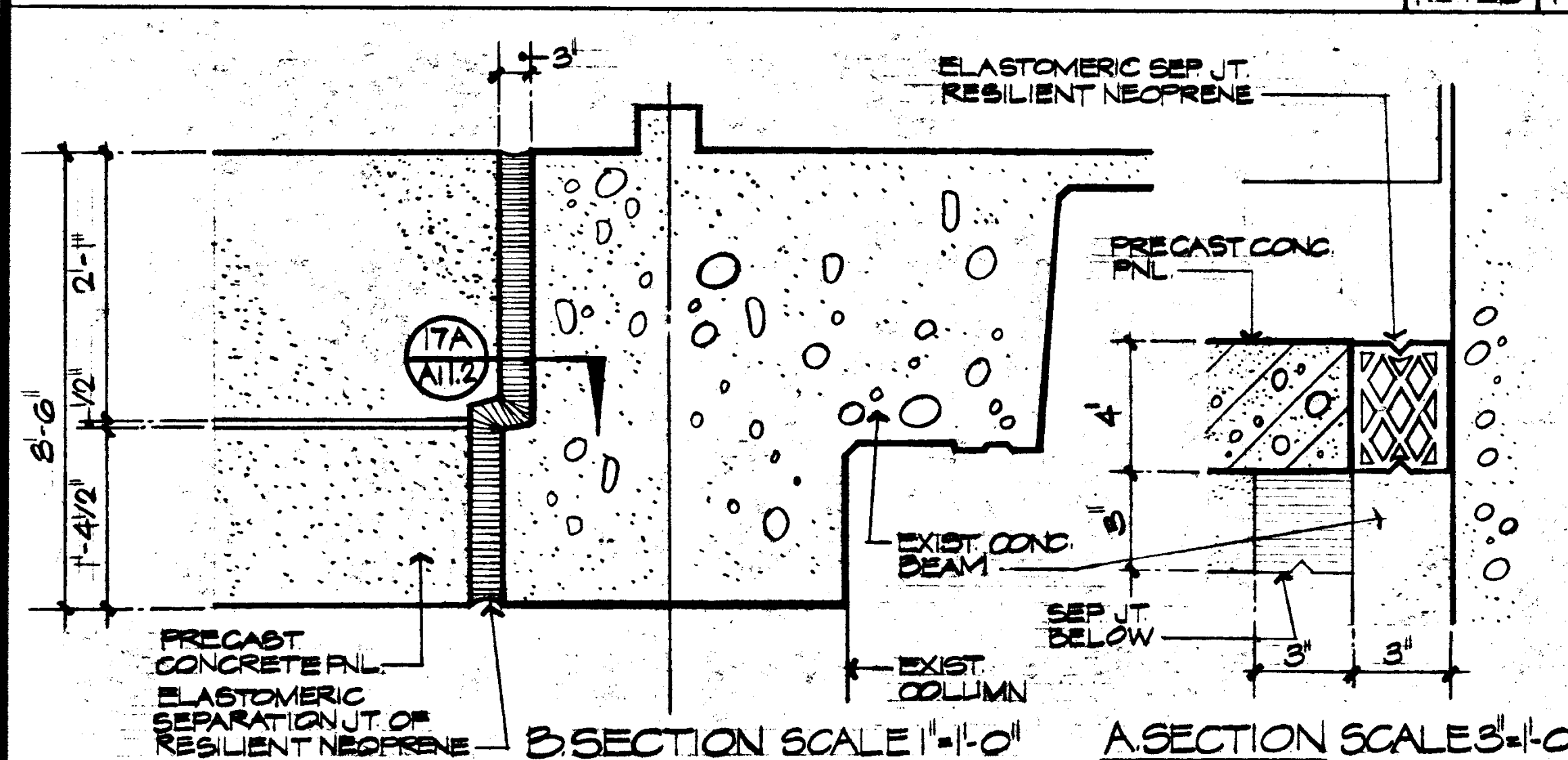




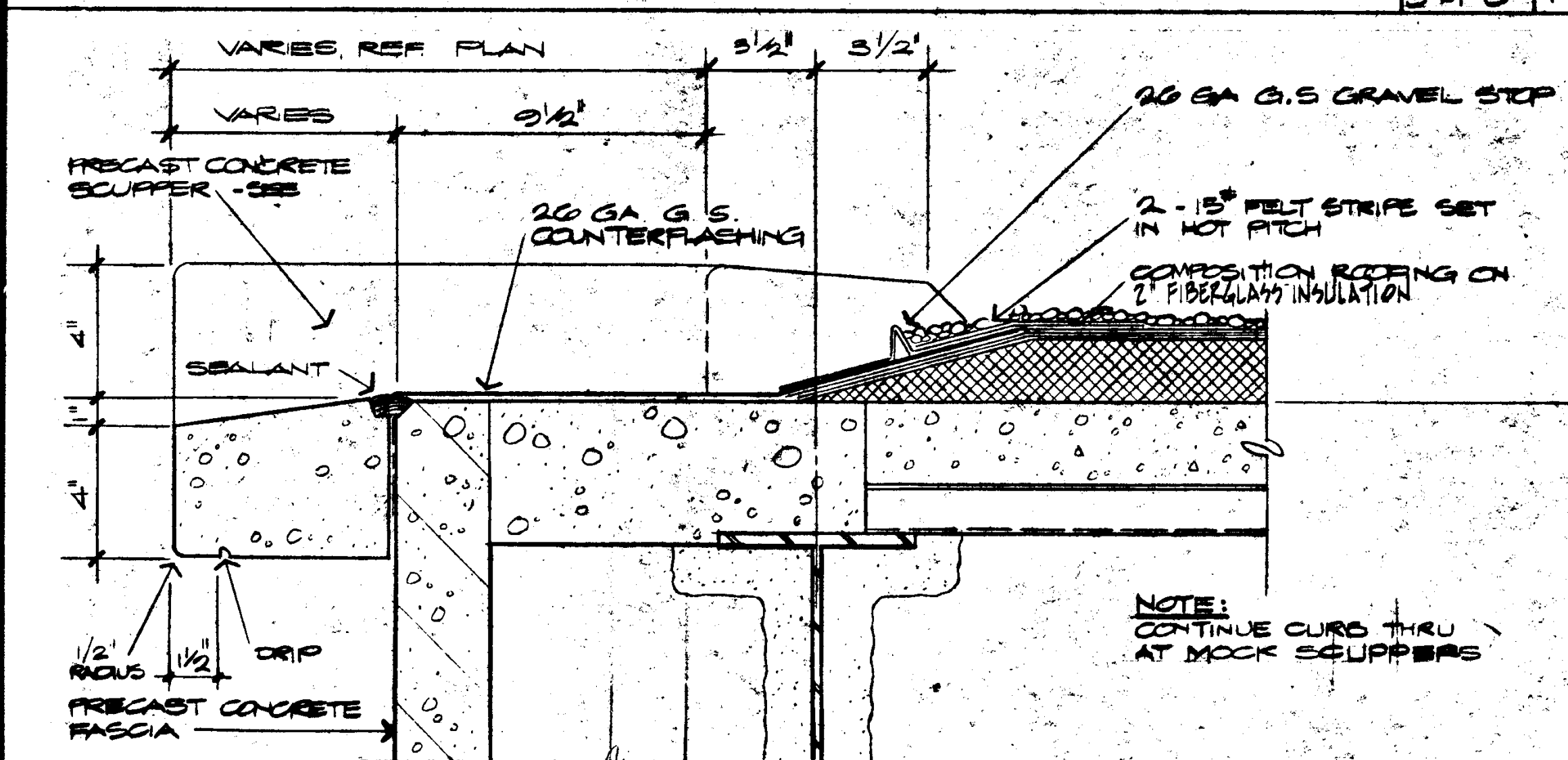
INTERSECTION OF PRECAST PANELS @ BRIDGE SCALE 1/4"=1'-0" 19



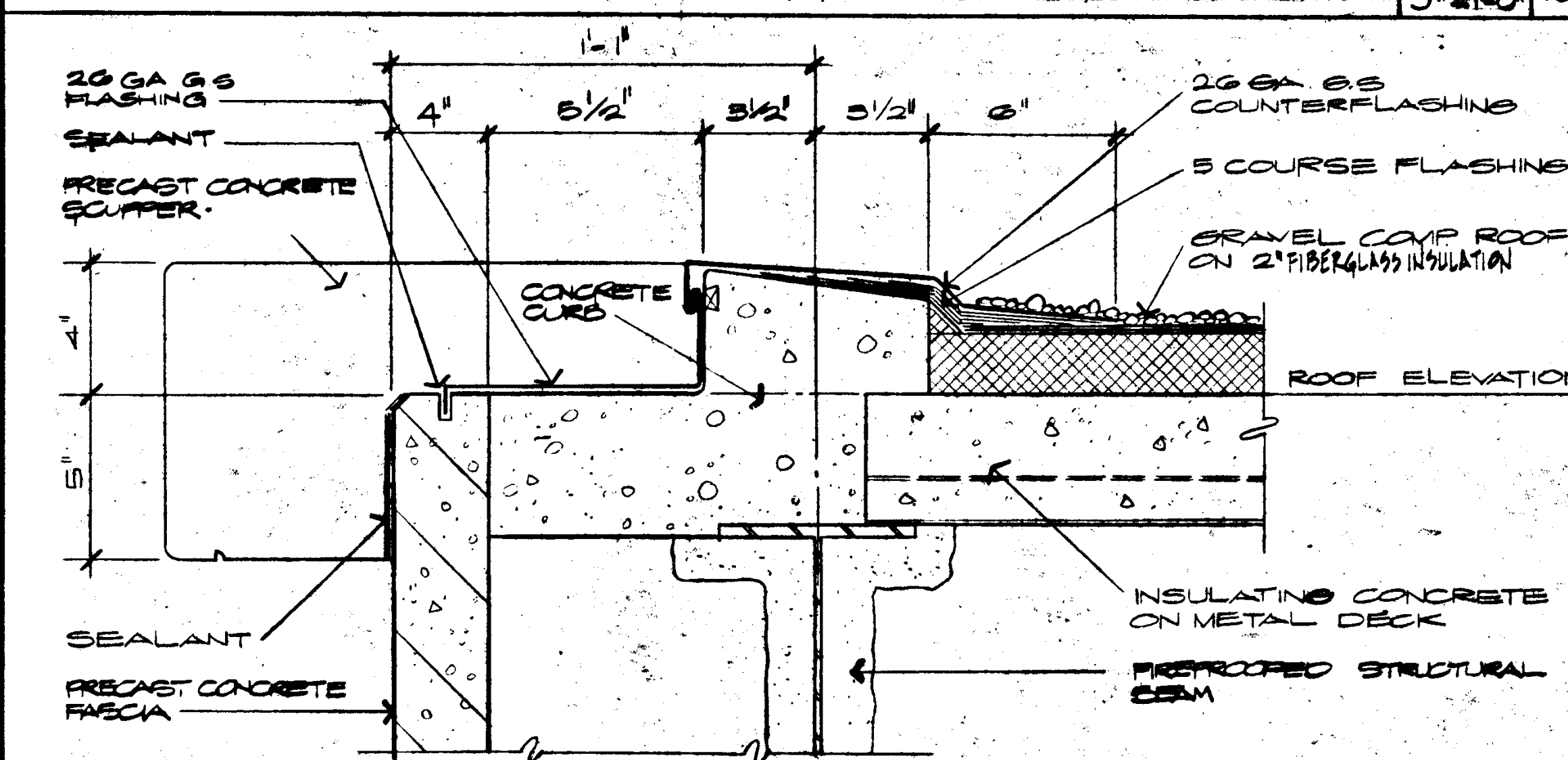
ELEVATION SCALE 1/4"=1'-0" SECTION SCALE 3/4"=1'-0" 18



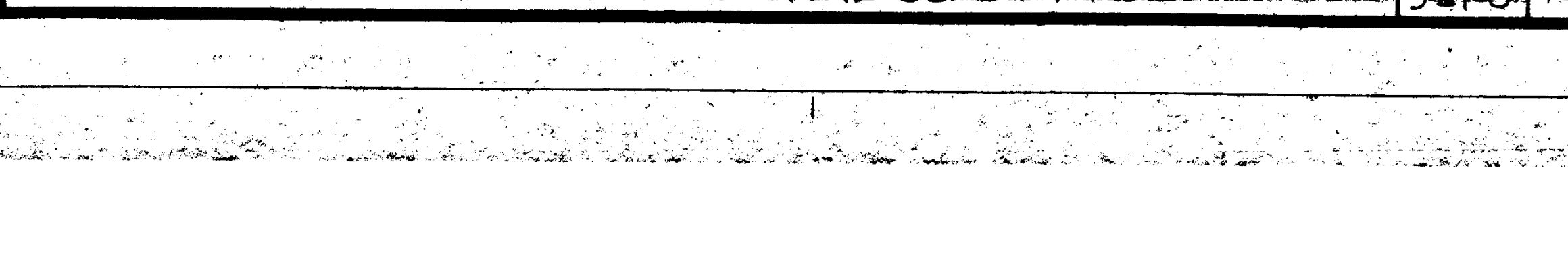
EXPANSION JOINT @ PRECAST PANELS SCALE 1/4"=1'-0" 15



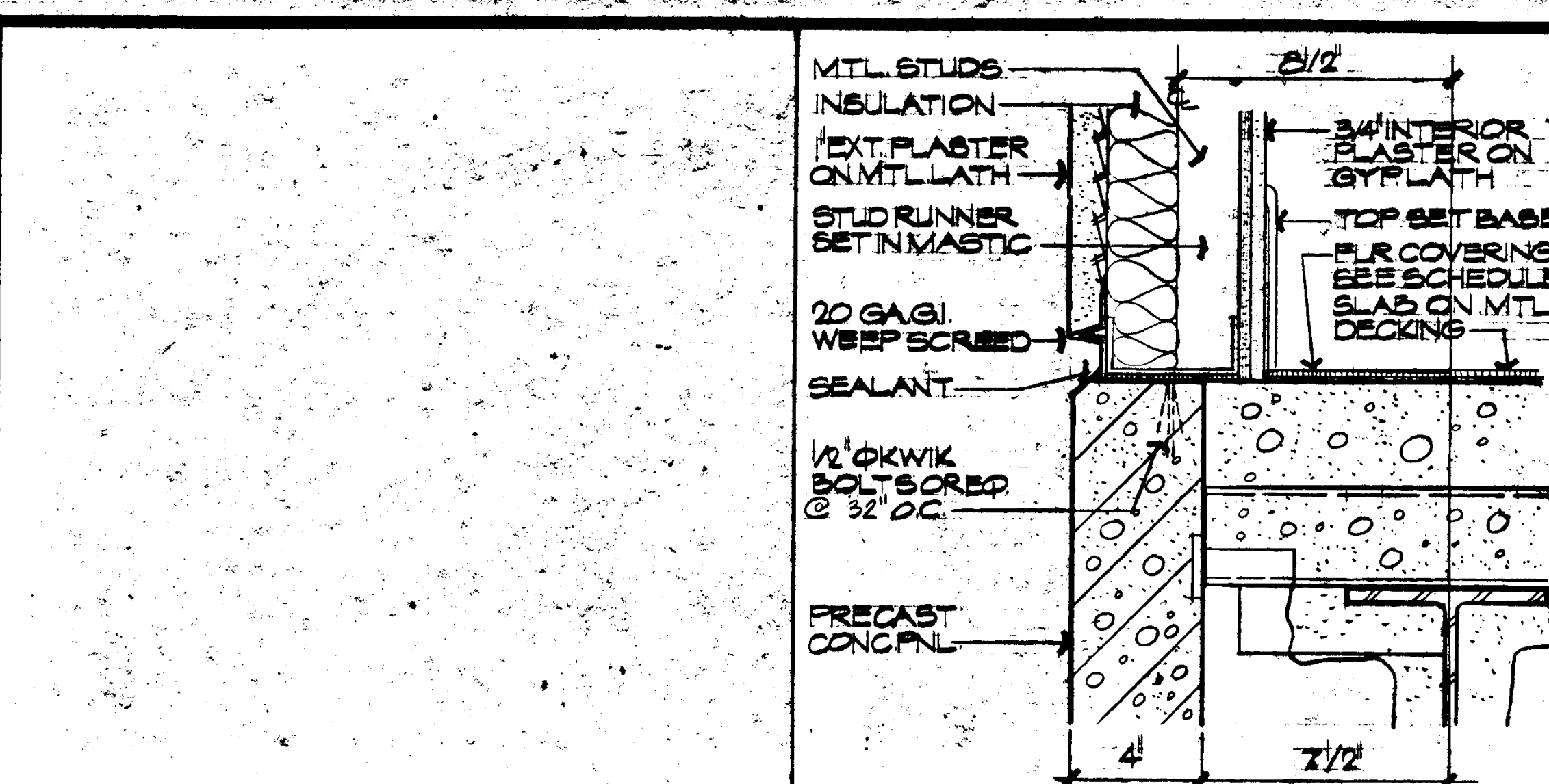
PRE-CAST CONCRETE PNL. @ EXIST. CONCRETE BEAM SCALE 1/4"=1'-0" 17



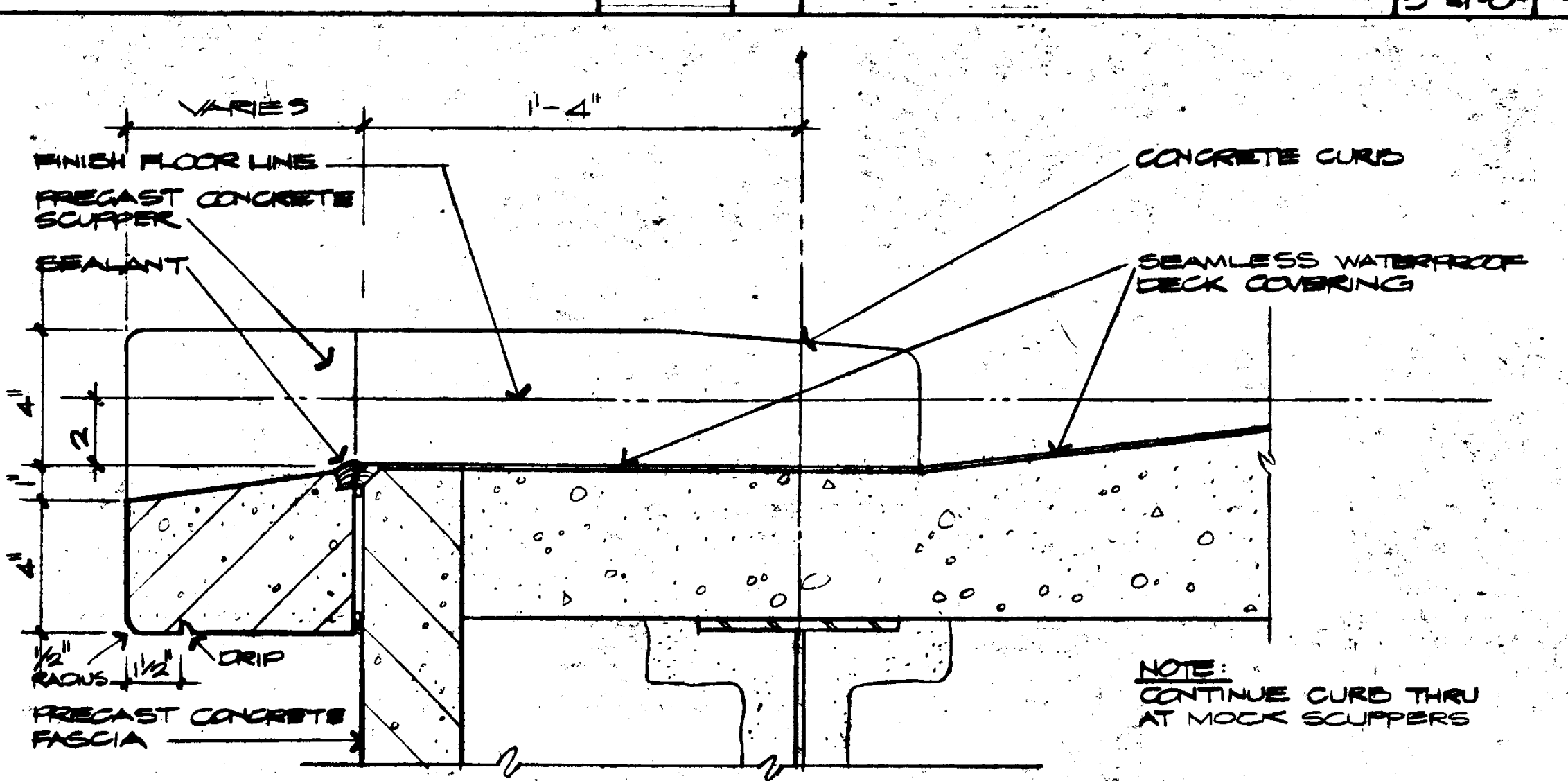
PRECAST CONCRETE SCUPPER AT ROOF SCALE 1/4"=1'-0" 16



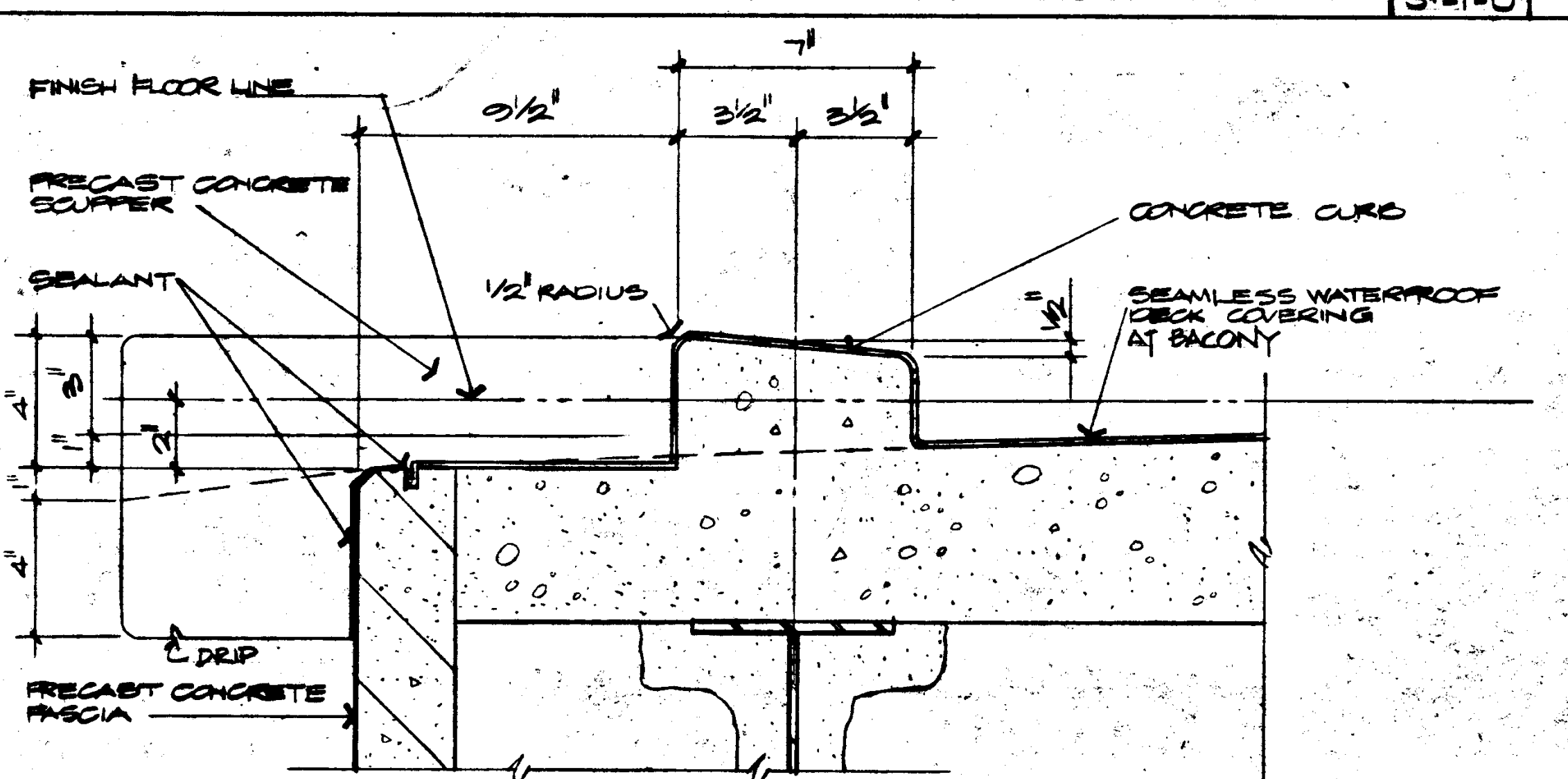
PRECAST CONCRETE FASCIA AND CONCRETE CURB AT ROOF SCALE 1/4"=1'-0" 15



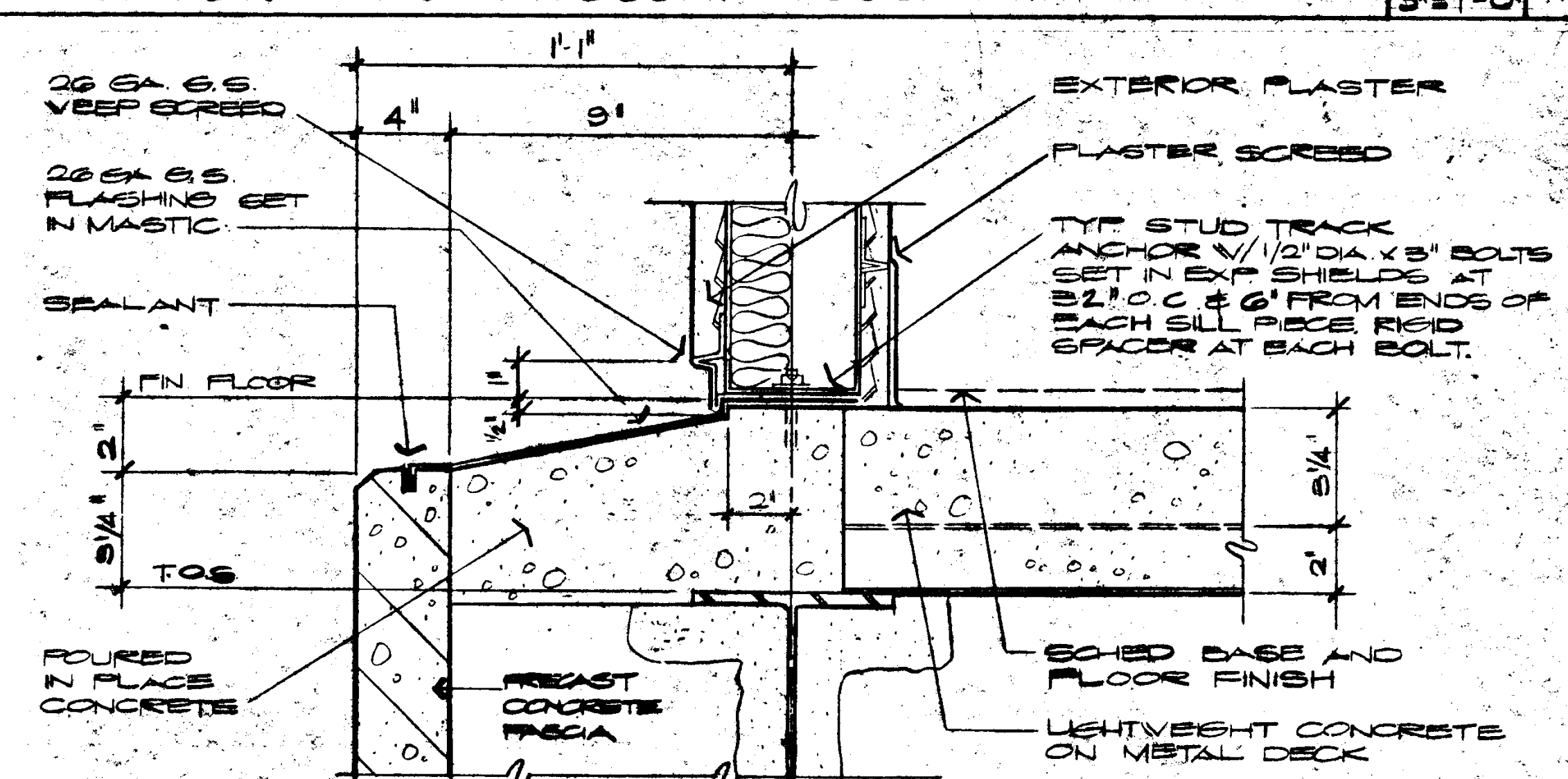
WALL @ PRECAST PANEL SCALE 1/4"=1'-0" 13



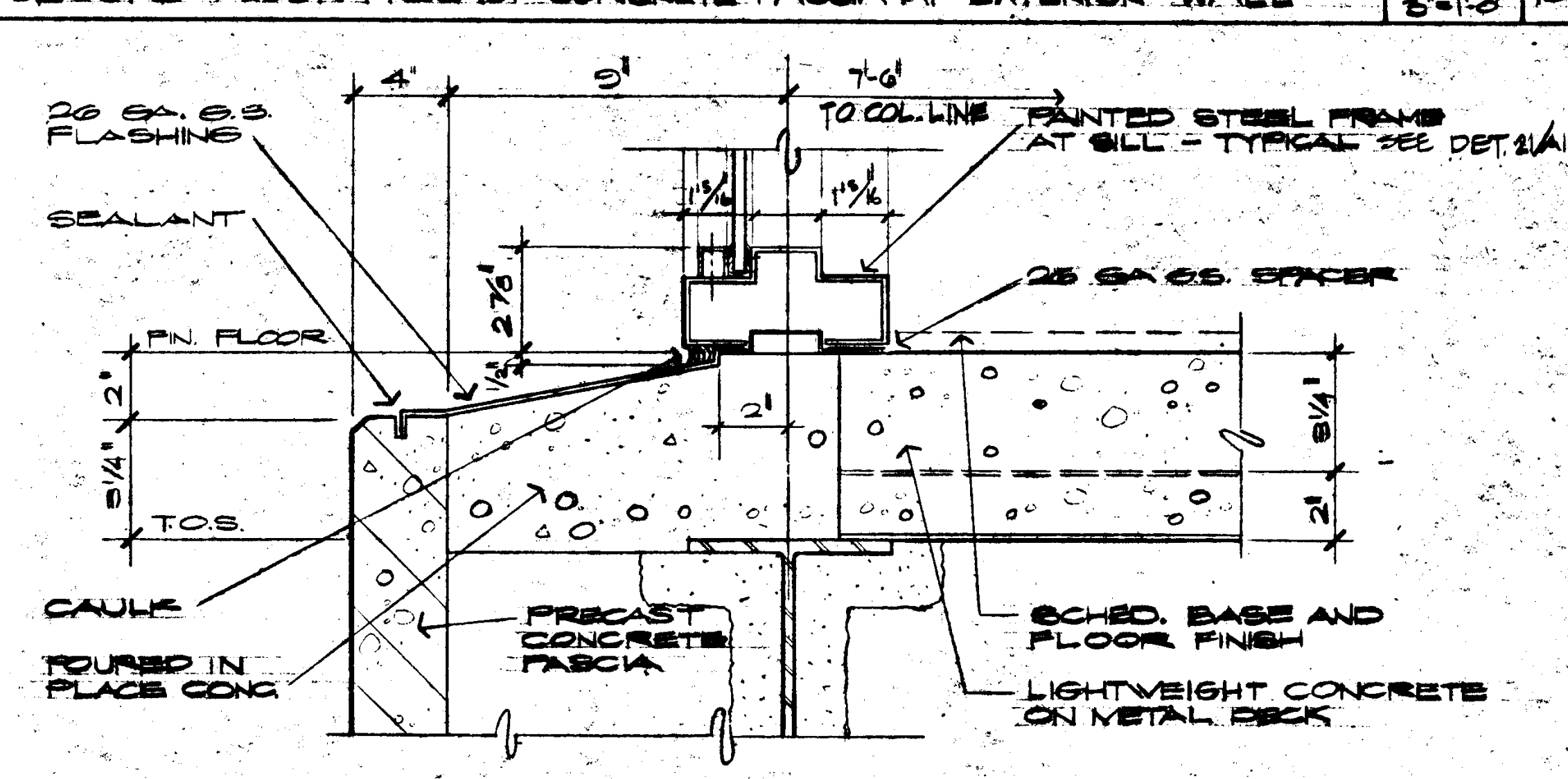
PRECAST CONCRETE SCUPPER AT SECOND FLOOR SCALE 1/4"=1'-0" 12



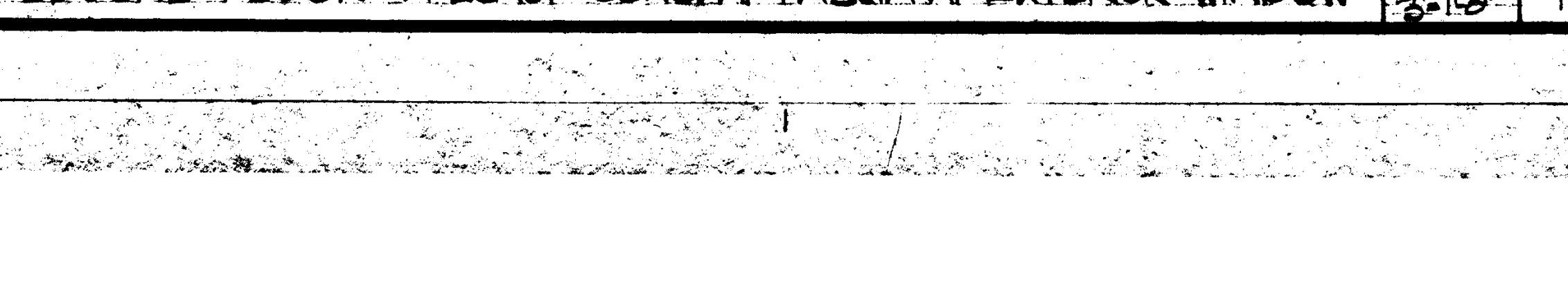
CONCRETE CURB AT SECOND FLOOR SCALE 1/4"=1'-0" 11



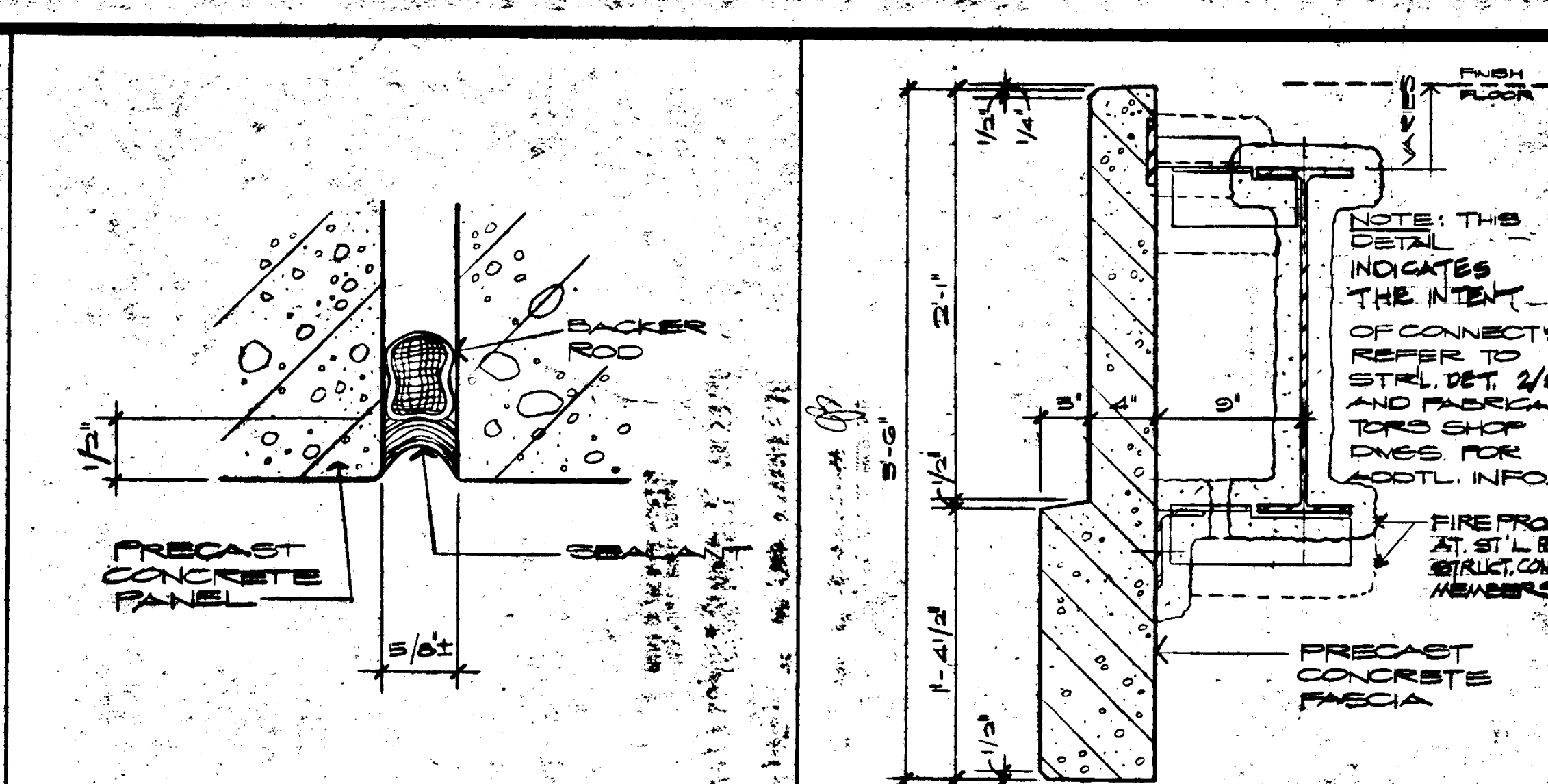
SECOND FLOOR PRECAST CONCRETE FASCIA AT EXTERIOR WALL SCALE 1/4"=1'-0" 10



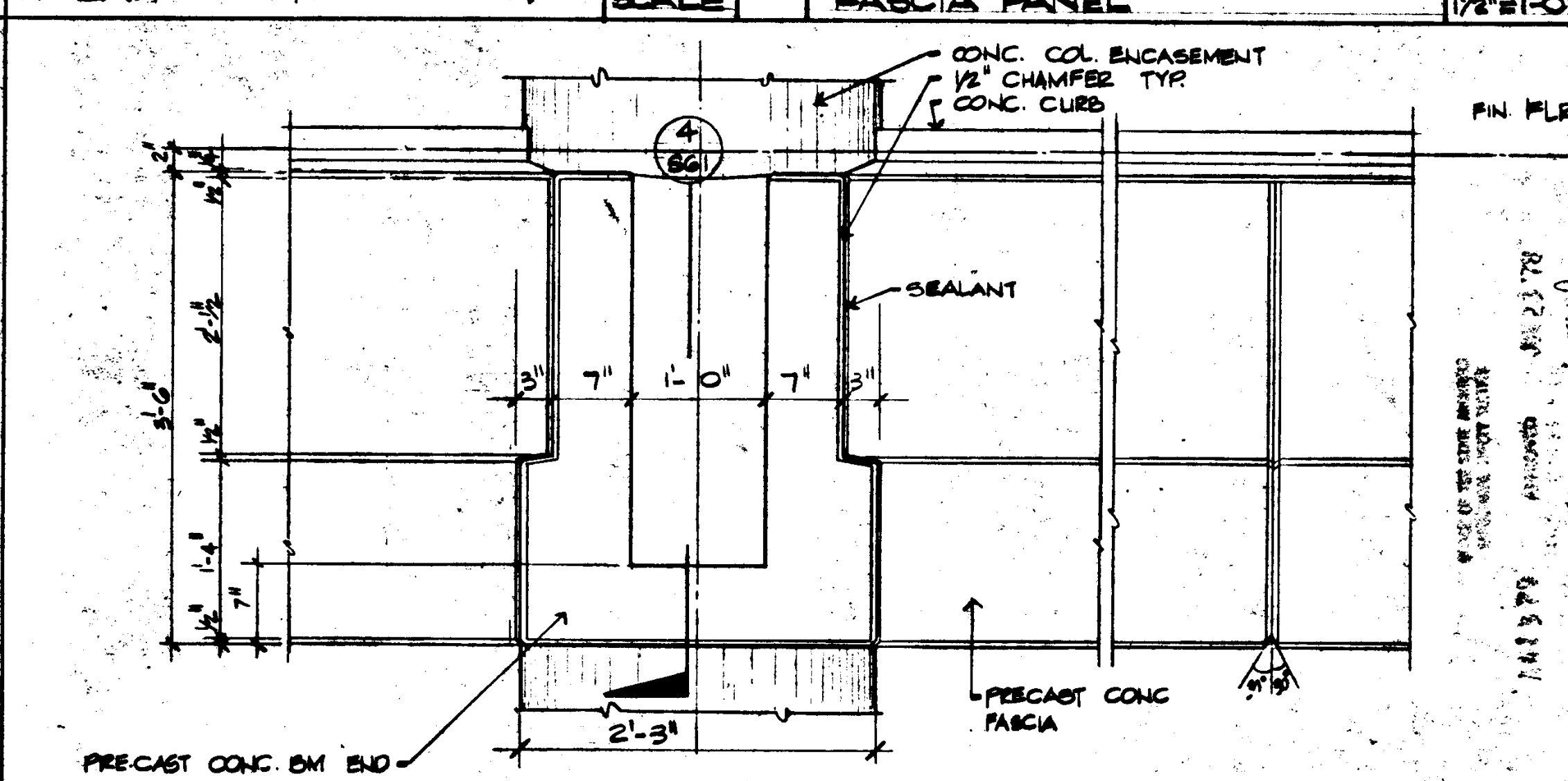
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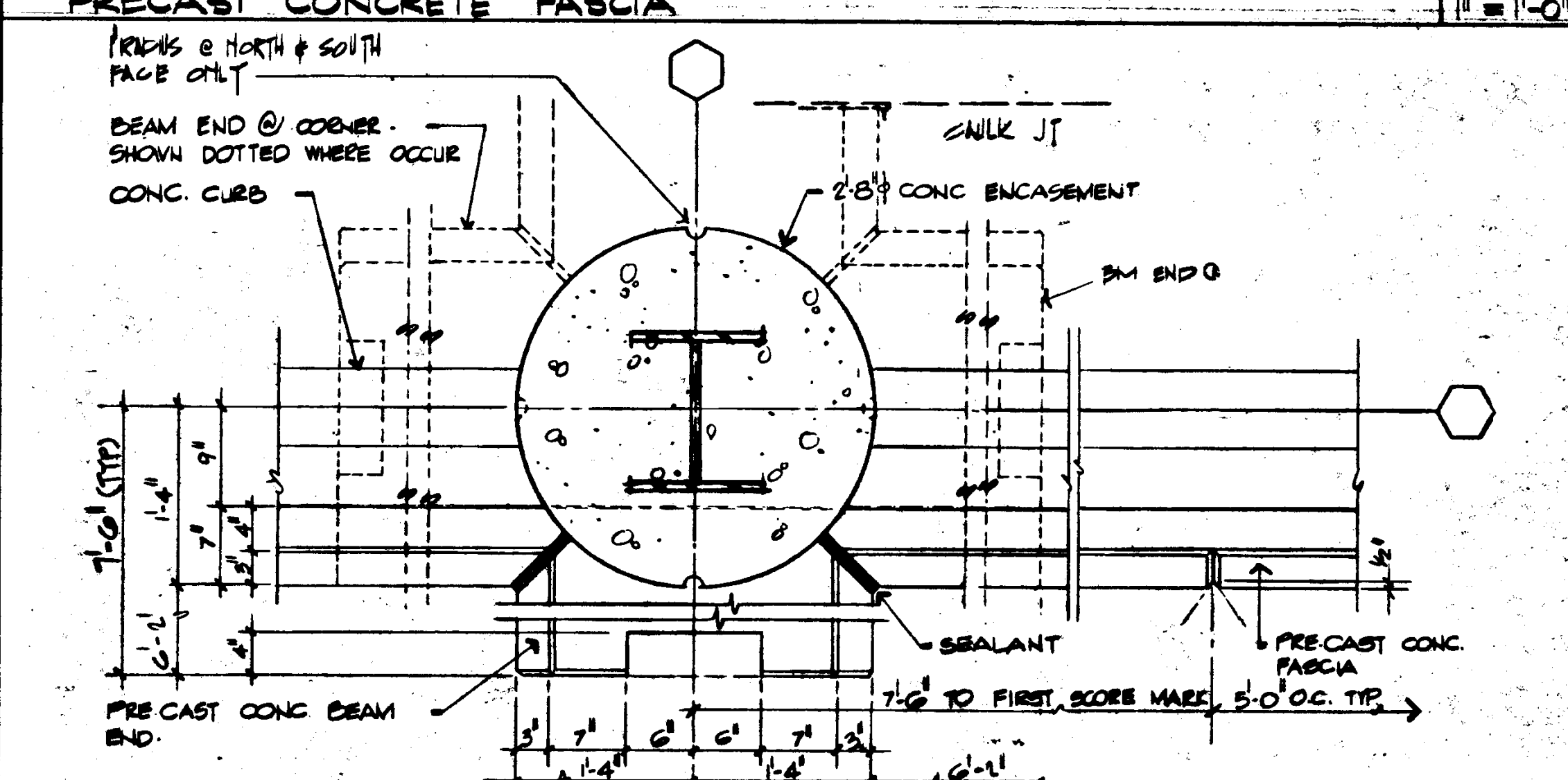
ELEVATION AT THE PRECAST CONCRETE SCUPPER SCALE 1/4"=1'-0" 6



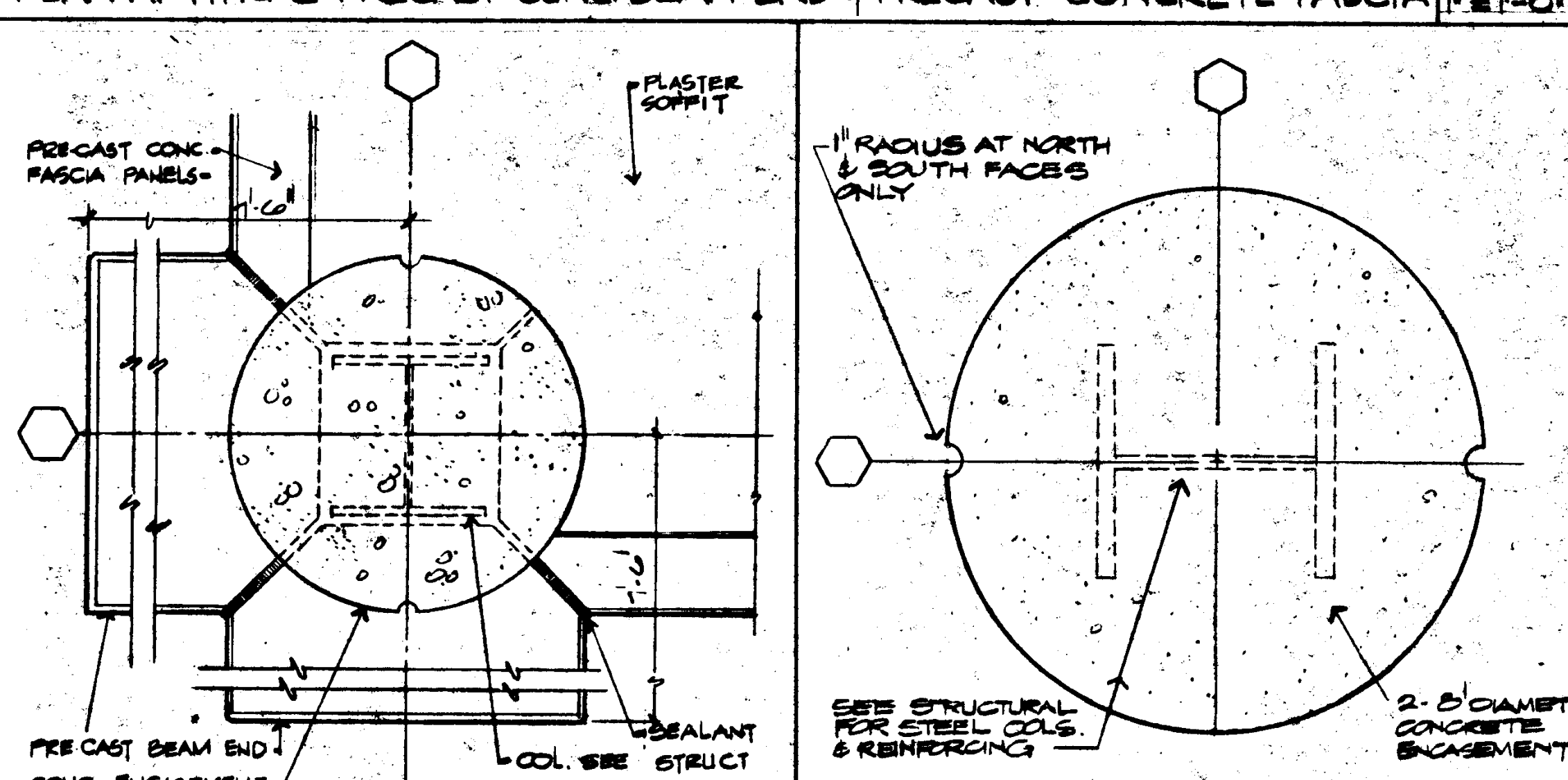
PRECAST CONG. PANEL JOINT FULL SCALE 3



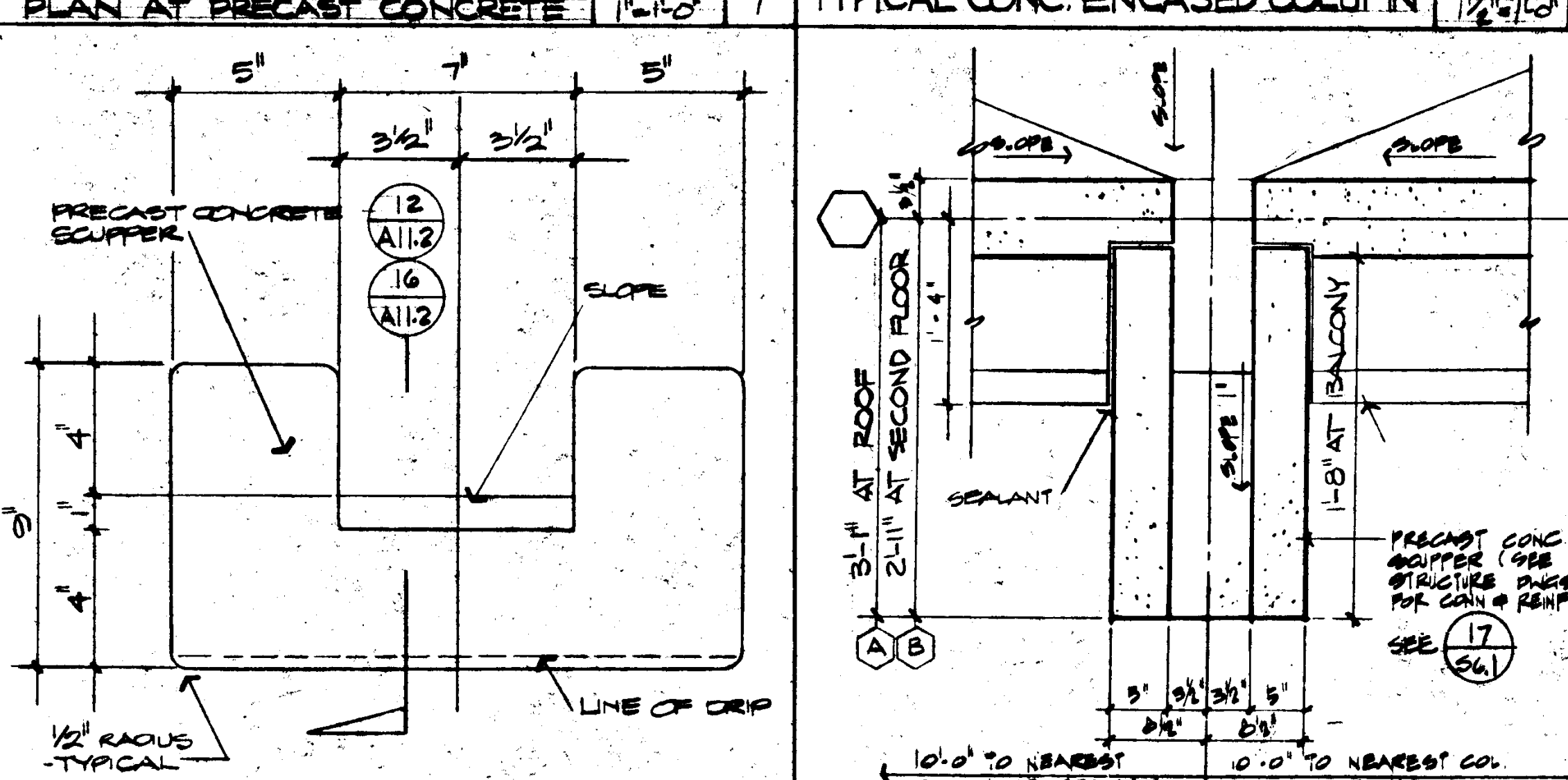
ELEVATION AT TYPICAL PRECAST CONCRETE BEAM END AND PRECAST CONCRETE FASCIA SCALE 1/4"=1'-0" 4



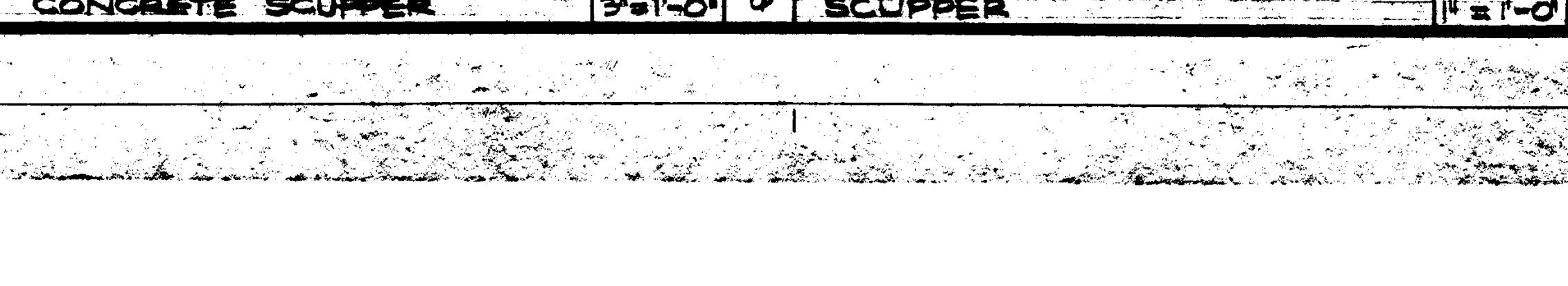
PLAN AT TYPICAL PRECAST CONG. BEAM END & PRECAST CONCRETE FASCIA SCALE 1/4"=1'-0" 3



TYPICAL REFLECTED CEILING PLAN AT PRECAST CONCRETE SCALE 1/4"=1'-0" 7



PLAN AT TYPICAL PRECAST CONCRETE SCUPPER SCALE 1/4"=1'-0" 1



ELEVATION AT THE PRECAST CONCRETE SCUPPER SCALE 1/4"=1'-0" 6

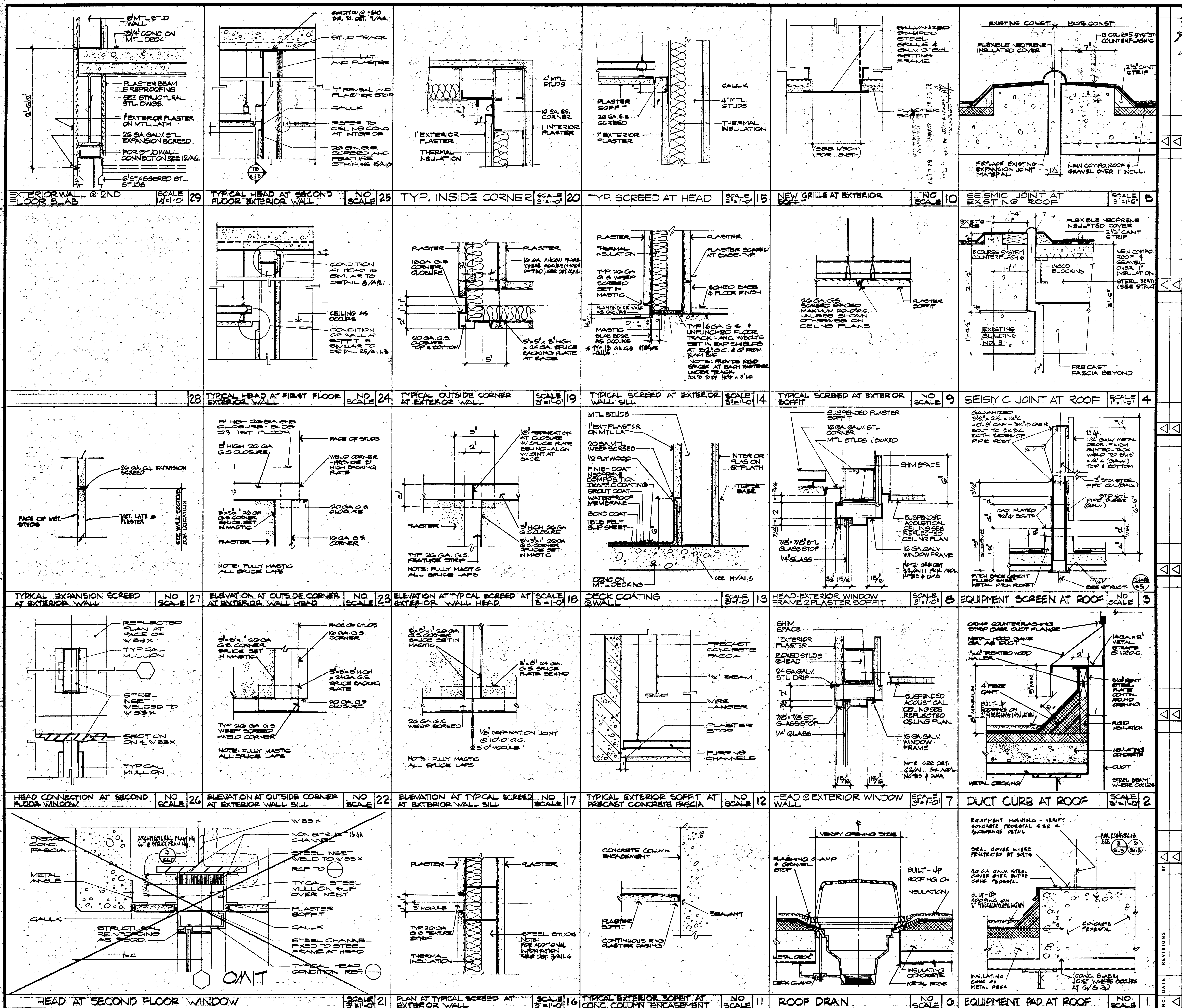
NO.	DATE	REVISIONS
1	6/22/78	AS NOTED

WILLIAM L. PEREIRA ASSOCIATES  
 PLANNERS-ARCHITECTS-ENGINEERS  
 URBANUS SQUARE MARATHON BLVD. AT FORD ROAD  
 CORONA DEL MAR, CALIFORNIA 92625  
 714/444-0920

EDUCATIONAL UNIT 2A  
**GOLDEN WEST COLLEGE**  
 HUNTINGTON BEACH, CALIFORNIA  
 COAST COMMUNITY COLLEGE DISTRICT

PRECAST CONCRETE DETAILS  
 PROJECT NO. 16013.000  
 SHEET NO. A11.2  
 SHEET 21 OF 21





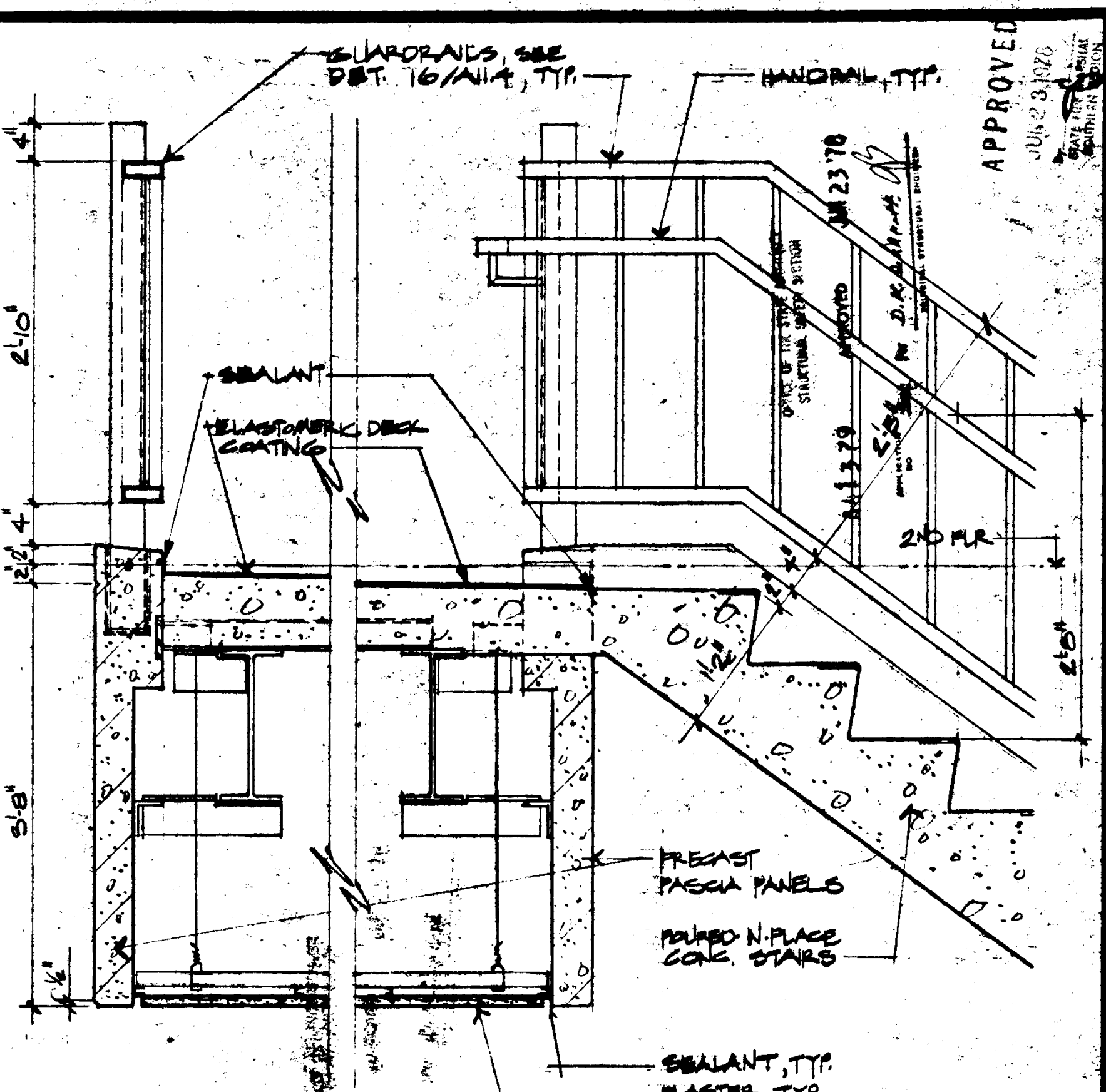
ARCHITECT: WILLIAM L. PEREIRA ASSOCIATES  
 PROJECT DIRECTOR: PLANNERS ARCHITECTS-ENGINEERS  
 DESIGNED BY: BRANDON JOHNSON  
 DRAWN BY: ALL HENSLER AND ASSOCIATES  
 CHECKED BY: FREDERICK BROWN ASSOCIATES  
 PROJECT NO.: 714/44-0520  
 SHEET NO.: 22 OF 22  
 DATE: 6/23/16

EDUCATIONAL UNIT 2A  
**GOLDEN WEST COLLEGE**  
 HUNTINGTON BEACH, CALIFORNIA  
 COAST COMMUNITY COLLEGE DISTRICT

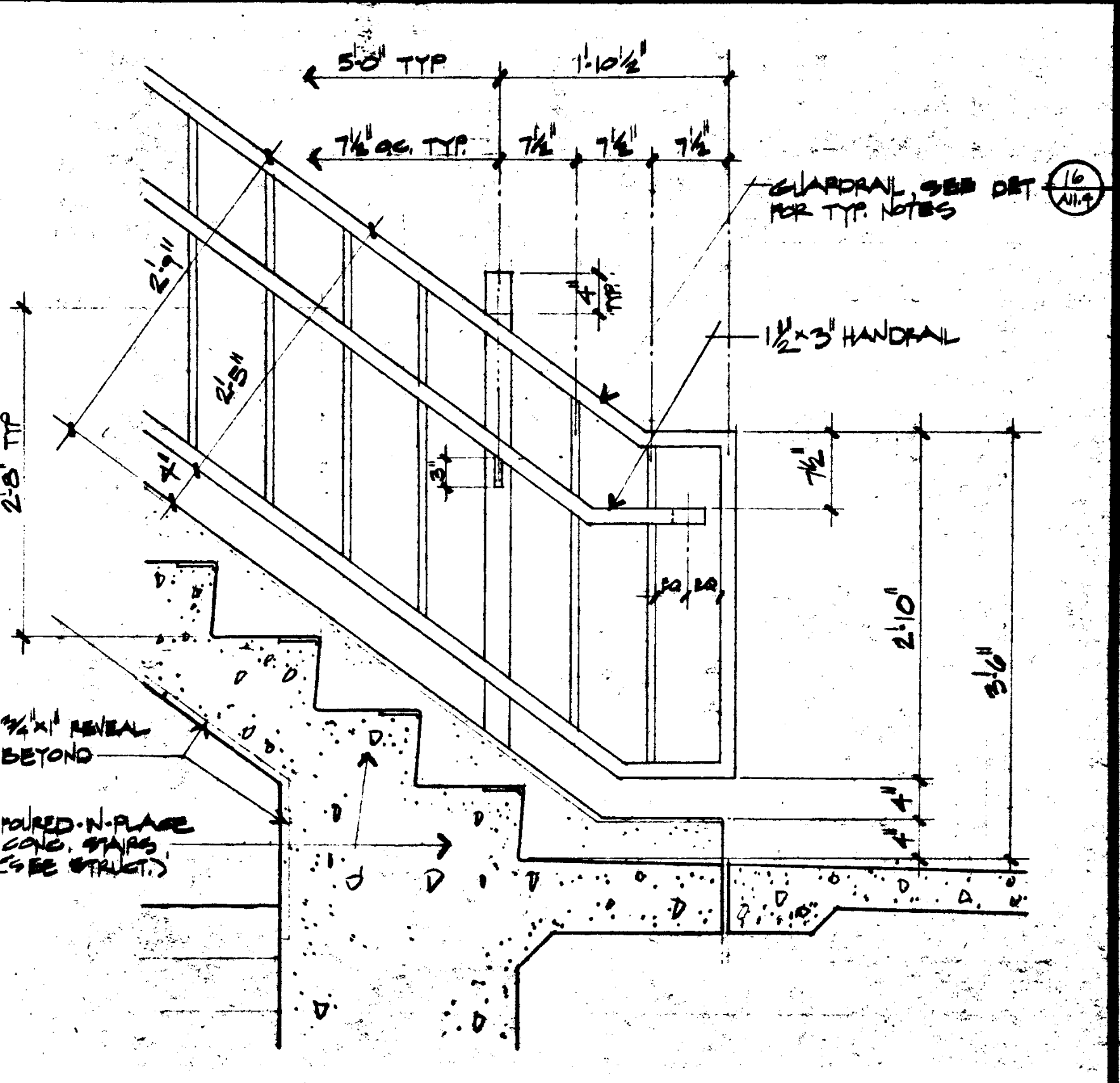
ROOF DETAILS  
 EXTERIOR SOFFIT DETAILS  
 EXTERIOR WALL DETAILS

SCALE: AS NOTED

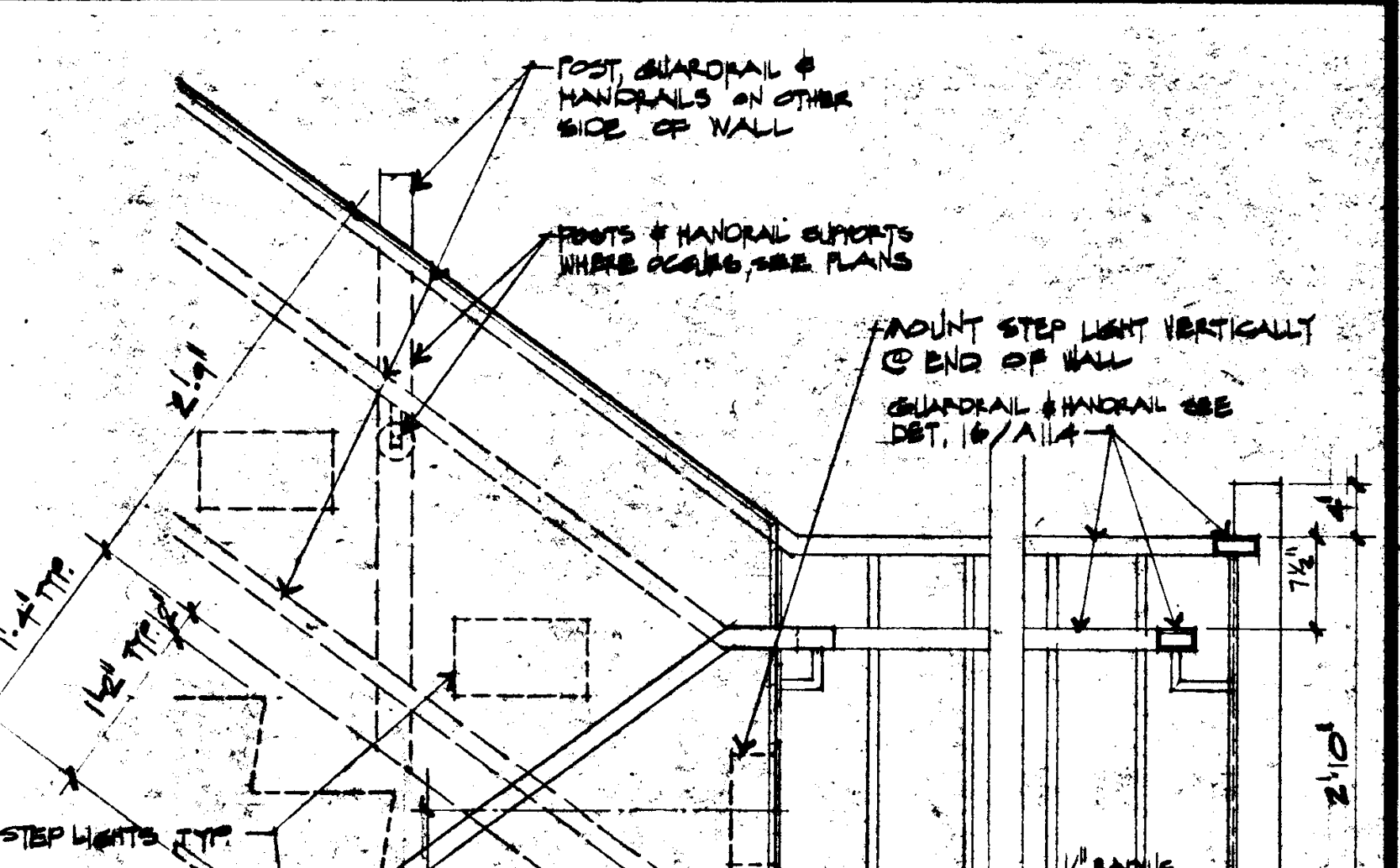




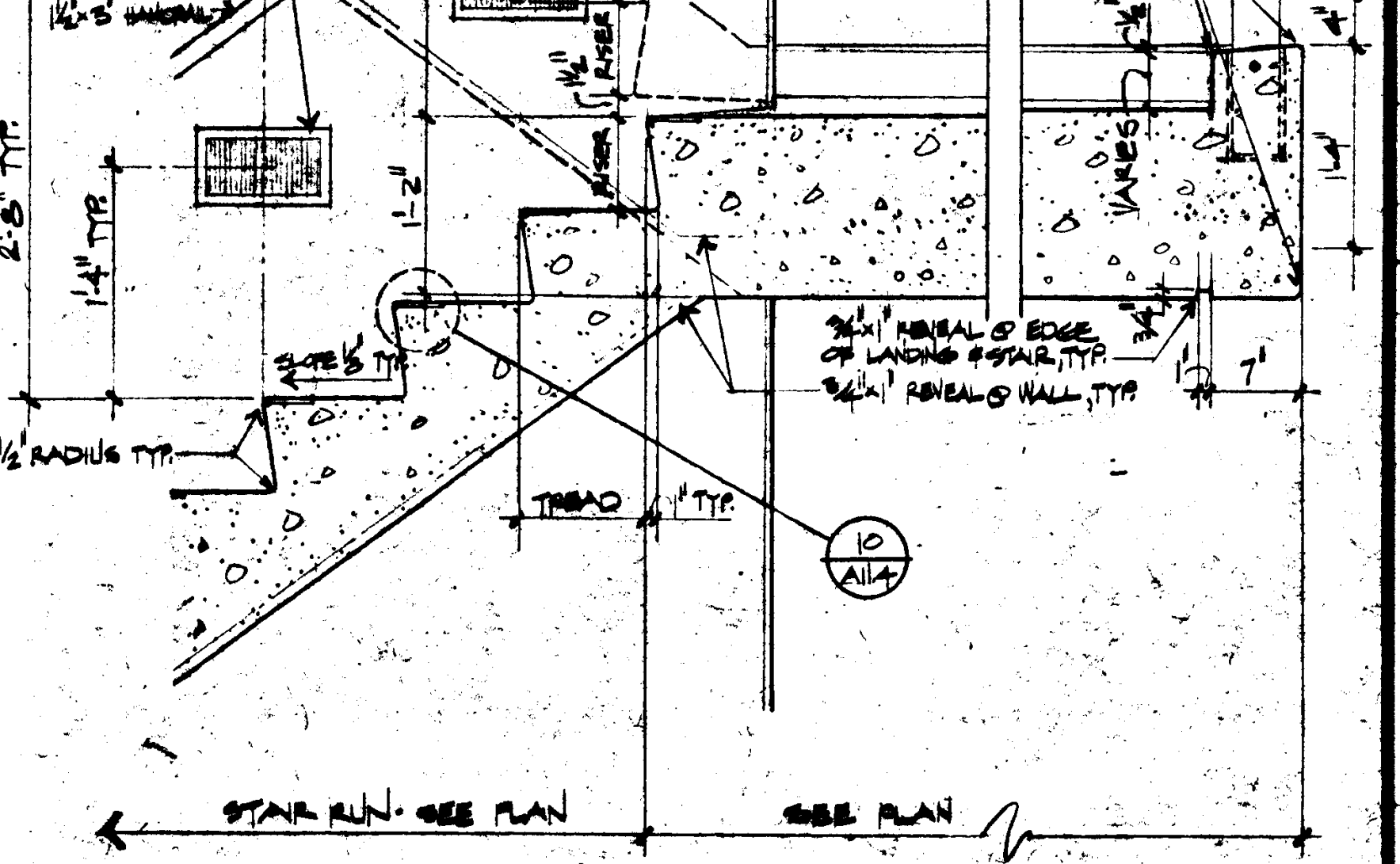
2ND FLR. LANDING - STAIR A



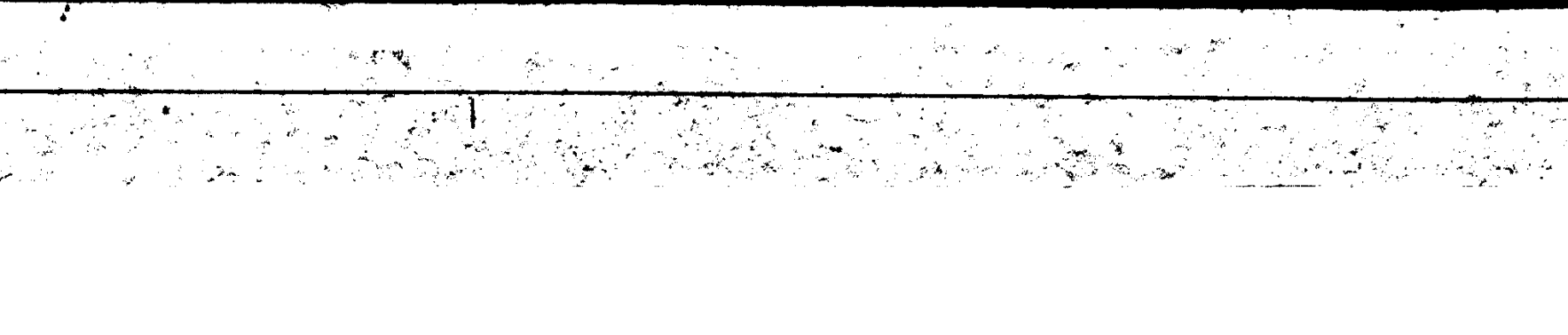
1st FLR LANDING-STAR "A" (STAR "B" SIM.)	11-10	2
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Technical drawing of a building facade. It shows a door on the left and a window on the right. There are various lines indicating structural elements, doors, and windows. Annotations include "2.000000" and "T.P." near the window.

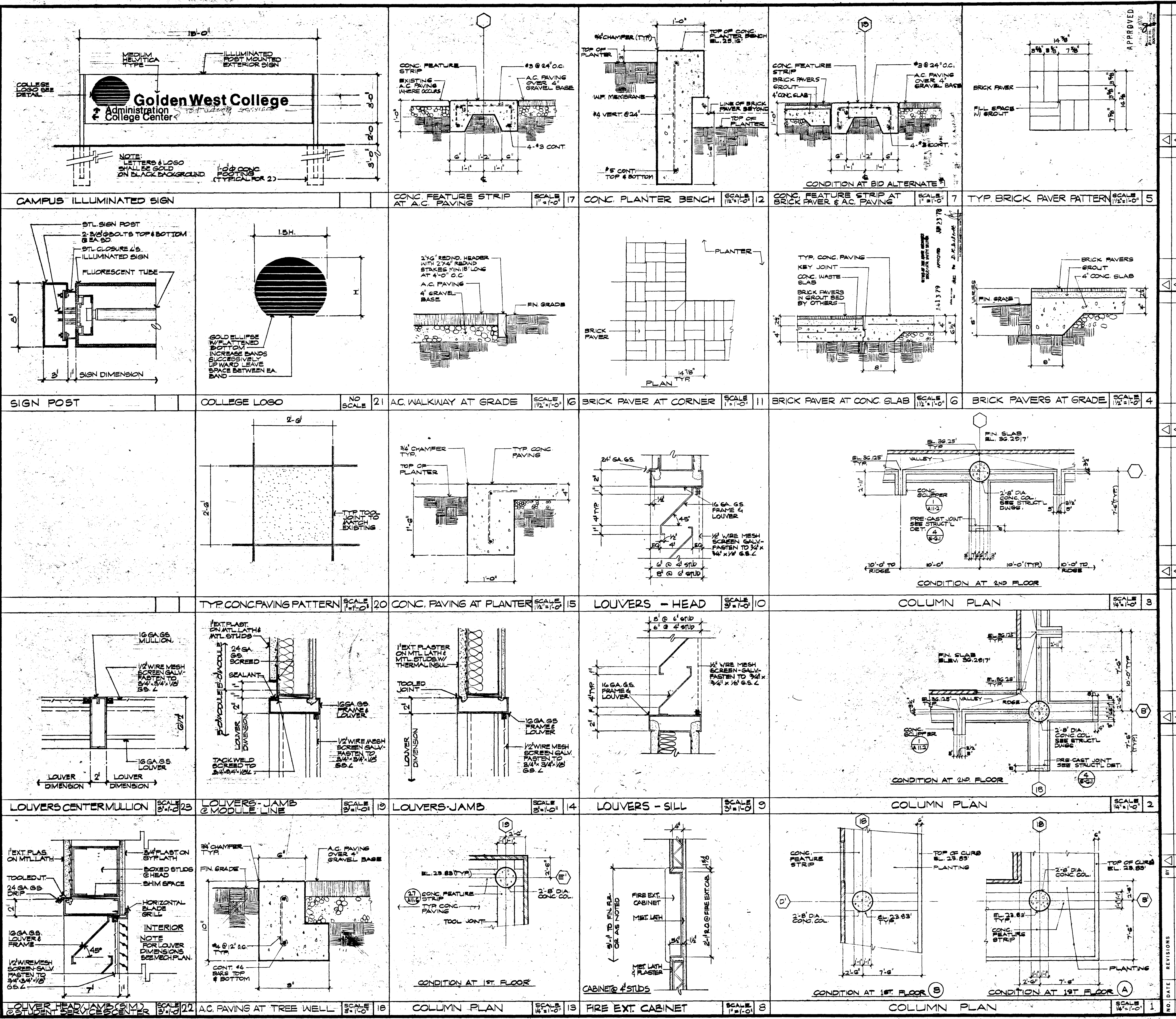


INTERMEDIATE STAR LANDING	12-0	1
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<b>STAR &amp; RAJING DETAILS</b>		<b>EDUCATIONAL UNIT 2A</b>		<b>GOLDEN WEST COLLEGE</b> HUNTINGTON BEACH, CALIFORNIA COAST COMMUNITY COLLEGE DISTRICT		WILLIAM L. PEREIRA ASSOCIATES PLANNERS · ARCHITECTS · ENGINEERS URBANUS SQUARE 46400TH BLVD. AT FORD ROAD CORONA DEL MAR CALIFORNIA 92625 714/444-0620		RANDOLPH J. GENTON PROJECT MANAGER MICHAEL J. GENTON PROJECT MANAGER ELECTRICAL ENGINEERING MICHAEL J. GENTON PROJECT MANAGER CIVIL ENGINEERING MICHAEL J. GENTON PROJECT MANAGER		DRAWN BY DHP CHECKED BY ENGINEER		DATE 12/14/83 DATE 12/14/83 DATE 12/14/83 DATE 12/14/83 DATE 12/14/83		PROJECT DIRECTOR PROJECT DIRECTOR PROJECT DIRECTOR PROJECT DIRECTOR PROJECT DIRECTOR		12/14/83	
SCALE AS NOTED		SHEET NO. 23 OF 23		PROJECT NO. 76013.000		SHEET DATE		12/14/83		12/14/83		12/14/83		12/14/83			





WILLIAM L. PEREIRA ASSOCIATES  
PLANNERS-ARCHITECTS-ENGINEERS  
URBANUS SQUARE MARATHON BLVD. AT FORD ROAD  
CORONA DEL MAR, CALIFORNIA 92625  
714/444-9220

EDUCATIONAL UNIT 2A  
**GOLDEN WEST COLLEGE**  
HUNTINGTON BEACH, CALIFORNIA  
COAST COMMUNITY COLLEGE DISTRICT

SITE DETAILS  
MISCELLANEOUS EXTERIOR DETAILS  
SCALE: AS NOTED

PROJECT NO. 16013.000  
**A11.5**  
SHEET 24 OF 24  
4/23/70

ISSUE DATE  
NO. DATE  
REVISIONS

APPROVED  
BY: [Signature]  
DATE: 4/23/70

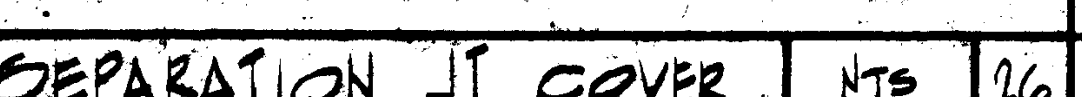
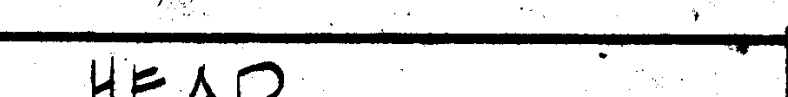
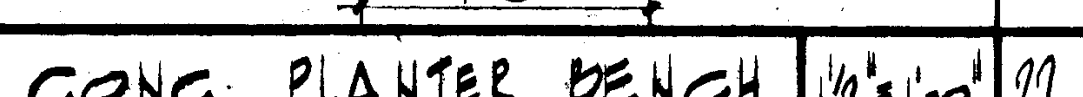
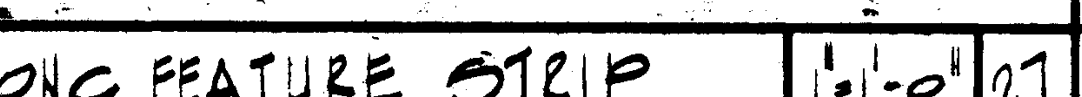
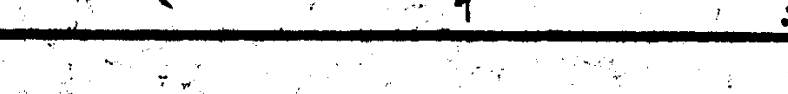
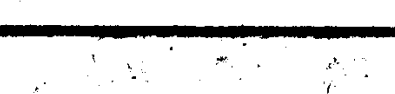
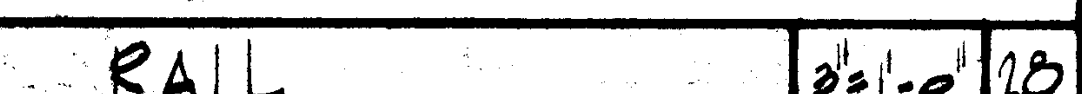
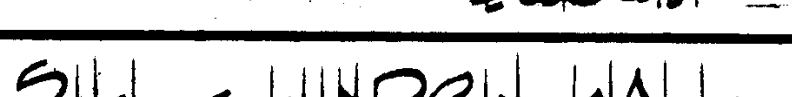
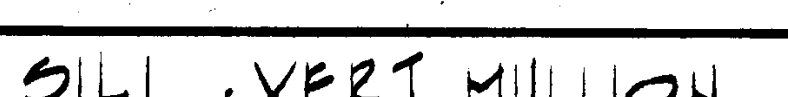
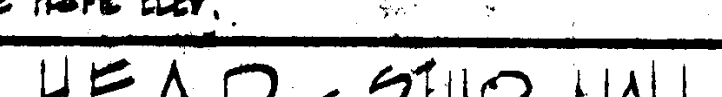
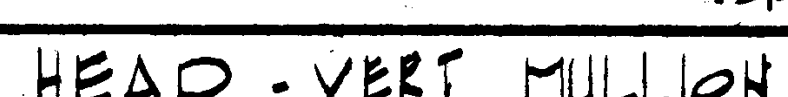
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DATE: 4/23/70

CHECKED BY: [Signature]  
DATE: 4/23/70

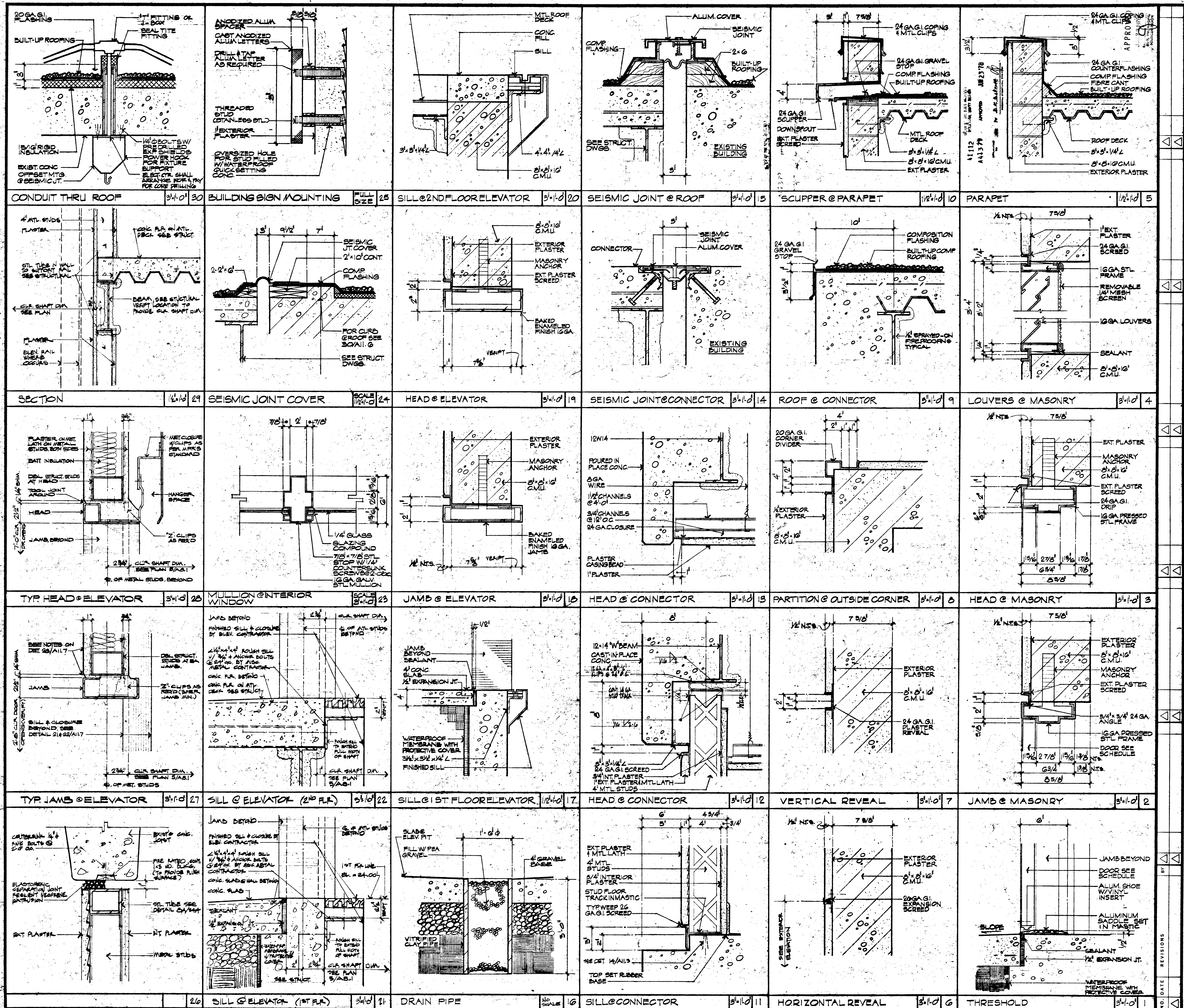
PROJECT DIRECTOR: [Signature]  
DATE: 4/23/70

ENGINEER: [Signature]  
DATE: 4/23/70









**WILLIAM L. PEREIRA ASSOCIATES**  
**PLANNERS-ARCHITECTS-ENGINEERS**  
 URBAN SQUARE MEARNS BLVD. AT FORD ROAD  
 CORONA DEL MAR, CALIFORNIA 92625  
 714/444-5020

**GOLDEN WEST COLLEGE**  
 HUNTINGTON BEACH, CALIFORNIA  
 COAST COMMUNITY COLLEGE DISTRICT

**INTERIOR & EXTERIOR DETAILS**

PROJECT NO. 70013.001  
 SHEET NO. A11.7  
 SHEET 26 OF 26

DATE: 6/23/78

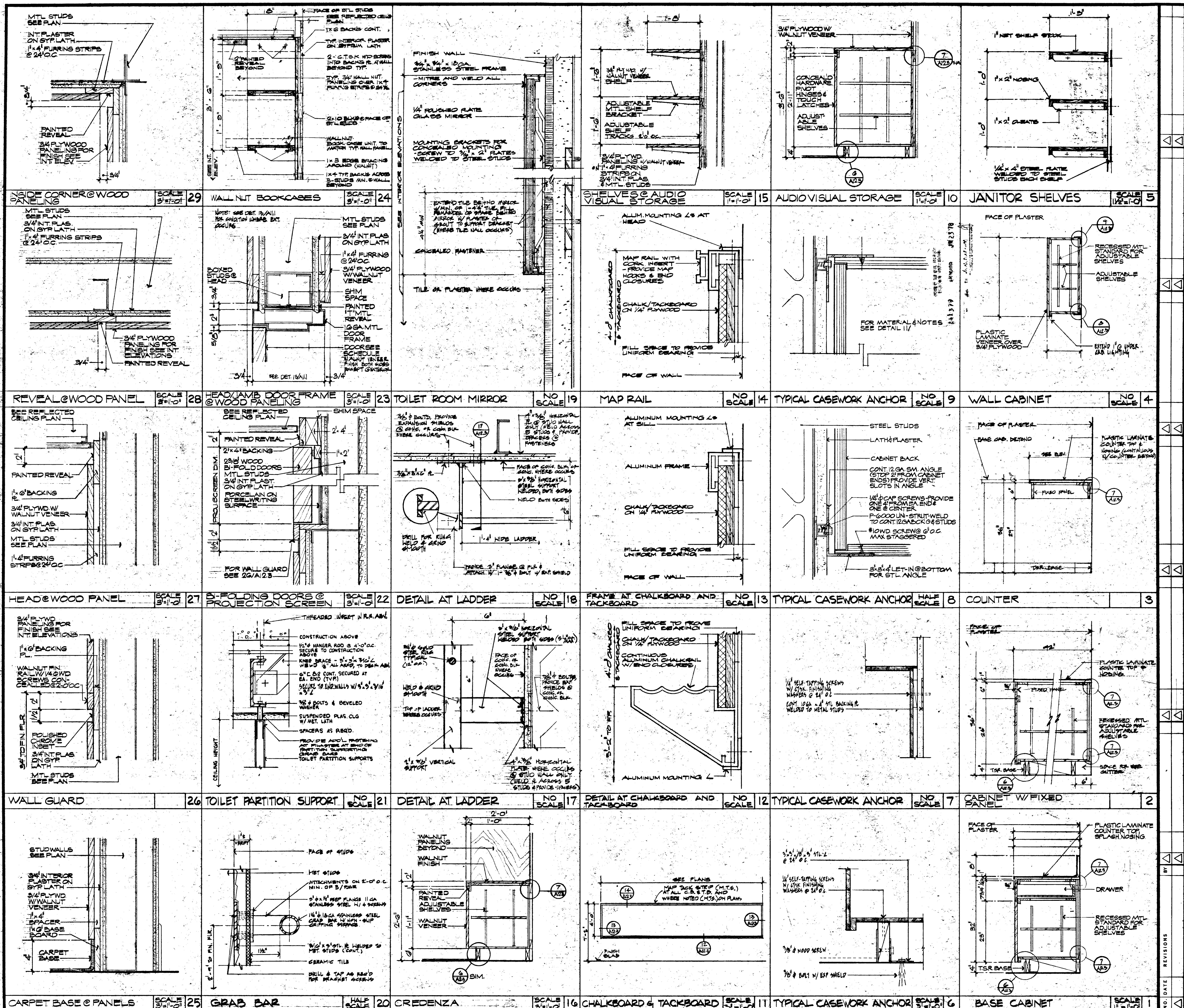












CASEWORK DETAILS MISCELLANEOUS INTERIOR DETAILS		EDUCATIONAL UNIT 2A		GOLDEN WEST COLLEGE HUNTINGTON BEACH, CALIFORNIA		WILLIAM L. PEREIRA ASSOCIATES PLANNERS-ARCHITECTS-ENGINEERS URBANUS SQUARE 46400TH BLVD. AT FORD ROAD CORNIDA DEL MAR CALIFORNIA 92625		BRANDOW & JOHNSON MECHANICAL ENGINEERS J. H. HENSLER AND ASSOCIATES ELECTRICAL ENGINEERS J. H. HENSLER AND ASSOCIATES MECHANICAL ENGINEERS J. H. HENSLER AND ASSOCIATES MECHANICAL ENGINEERS		ISSUED BY CHECKED BY PROJECT DIRECTOR ENGINEER		DATE 7/16/64 7/16/64 7/16/64 7/16/64 7/16/64 7/16/64	
SHEET NO. 29 OF 30		SCALE AS NOTED		COAST COMMUNITY COLLEGE DISTRICT		716/644-0620		7/16/64		7/16/64		7/16/64	







# LEGEND

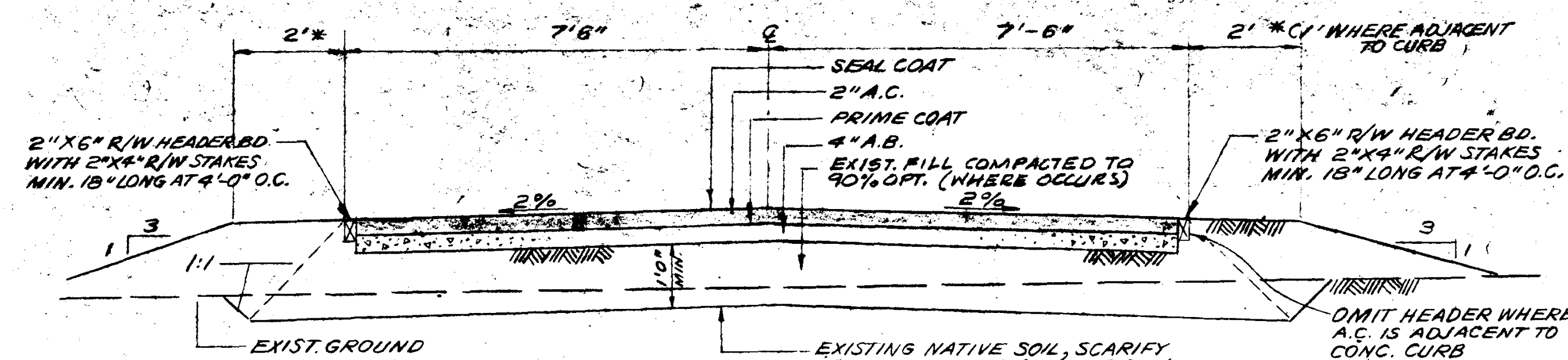
- NEW 2" ASPHALTIC CONCRETE OVER 4" A.G.S. BASE
- NEW 4" R.C.C. OVER 4" A.G.S. BASE
- NEW BANK OR SLOPE
- EXISTING BANK OR SLOPE
- NEW STORM DRAIN
- FLOW LINE
- RIDGE LINE
- S SEWER LINE
- (21) EXIST. CONTOUR
- (21) FINISH CONTOUR
- (21.00) EXISTING ELEVATION
- (20.50) NEW ELEVATION
- F.S. FINISH SURFACE (PAVED)
- F.G. FINISH GRADE - GROUND
- F.L. FLOW LINE
- I.E. INVERT ELEVATION
- T.C.B. TOP OF CATCH BASIN
- S.M.H. SEWER MANHOLE
- T.A.D. TOP OF AREA DRAIN
- C.P. CONCRETE PIPE

## GENERAL NOTES

- THE CONTRACTOR SHALL INSPECT THE SITE AND VERIFY EXISTING CONDITIONS. IF THERE IS A DISCREPANCY BETWEEN THE DRAWINGS AND EXISTING CONDITIONS, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY.
- STRAIGHT GRADES SHALL BE RUN BETWEEN ALL FINISH GRADES SHOWN UNLESS NOTED OTHERWISE.
- WHEN EXCAVATING IN THE VICINITY OF UNDERGROUND LINES THE CONTRACTOR SHALL VERIFY THE LOCATION OF SAID LINES BEFORE PROCEEDING WITH HIS WORK.
- SEE ARCHITECTURAL PLANS FOR PAVING DETAILS AND LAYOUT DIMENSIONS.
- AREA DRAINS SHALL BE JOSAM 30003-7E SATIN BRONZE TOP, CONST. 15" X 15" X 4" CONC. PAD FLUSH W/ T.A.D. FOR DRAIN IN PLANTING AREAS.

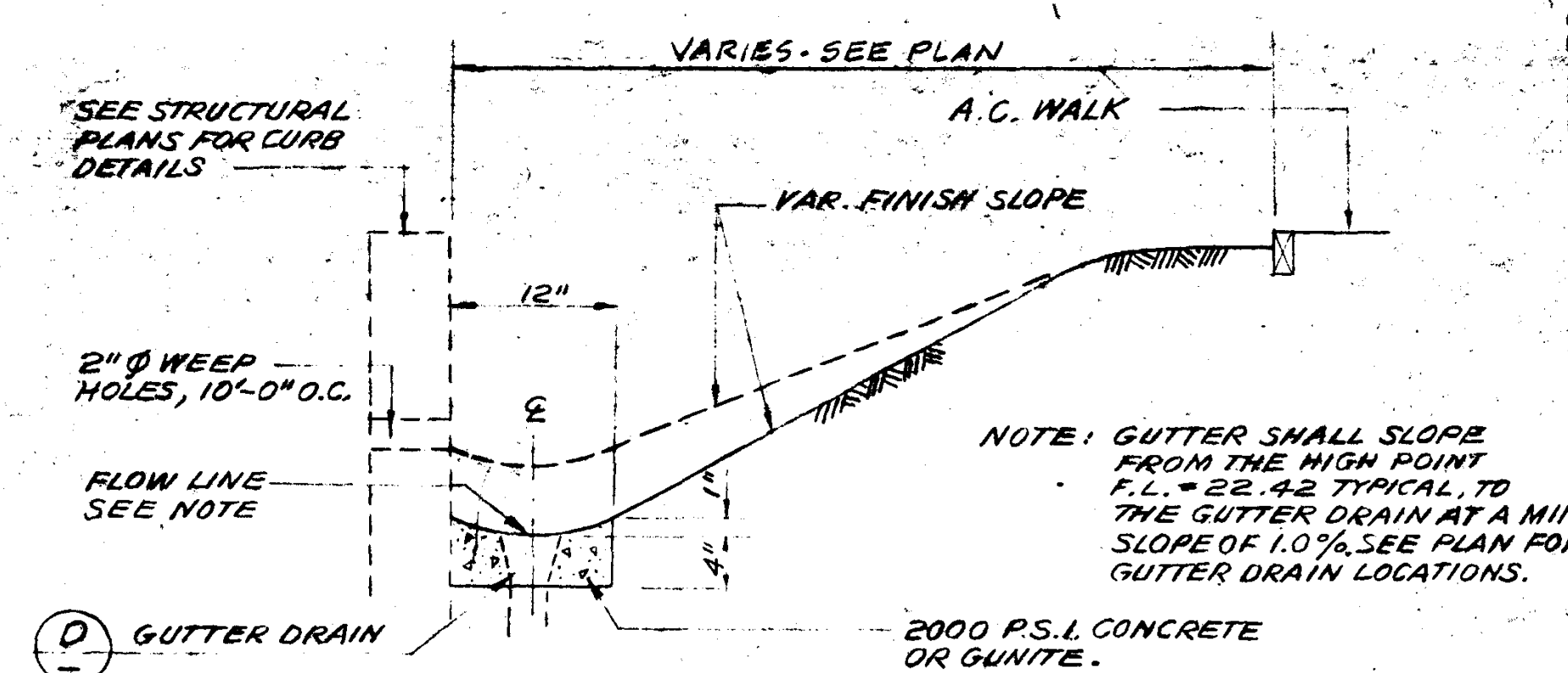
## BENCH MARK

NO. H.B. 221-72 O.C.S. ALUMINUM CAP 200 FEET EAST ALONG EDINGER AVENUE, FROM THE CENTERLINE OF GOLDENWEST STREET 42 FEET SOUTH OF THE CENTERLINE OF EDINGER, 12 FEET EAST OF THE EAST PROPERTY LINE OF A SERVICE STATION, 10 FEET EAST OF POWER POLE NUMBER 1765393, SET IN A CONCRETE POST, 2 FEET BEHIND AND LEVEL WITH THE TOP OF THE CURB, ELEV. = 20.132 (1972 ADQ.)



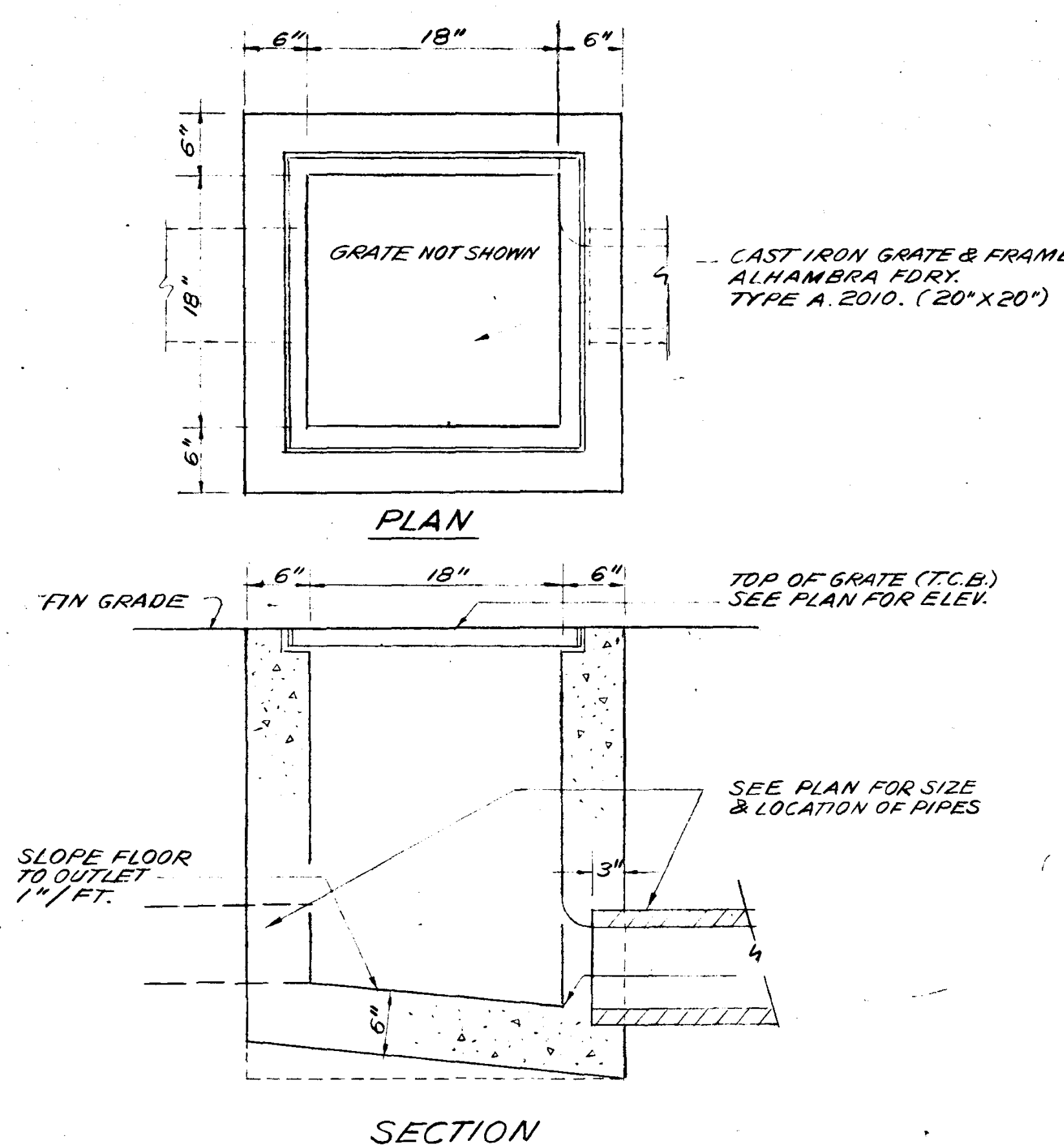
TYPICAL ROAD & WALK SECTION

SCALE NONE



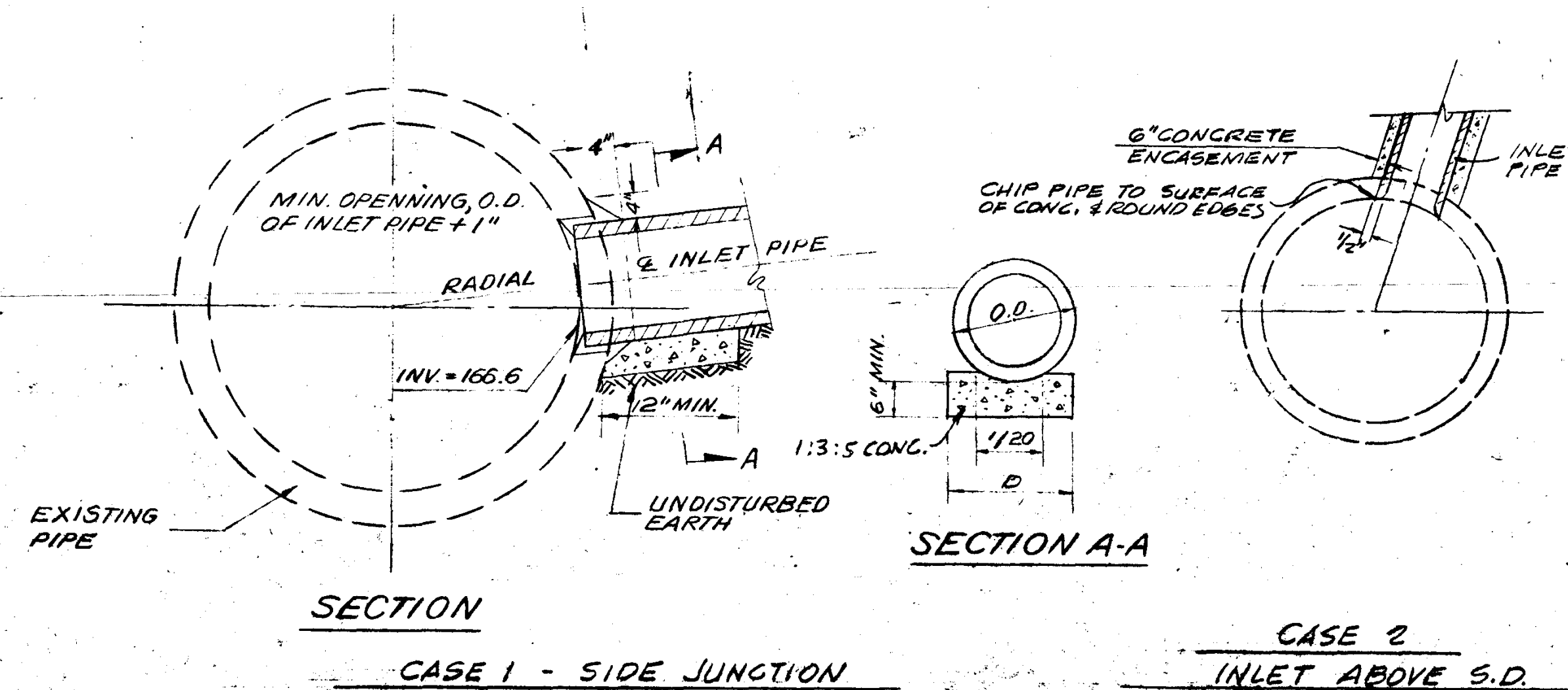
GUTTER

SCALE NONE



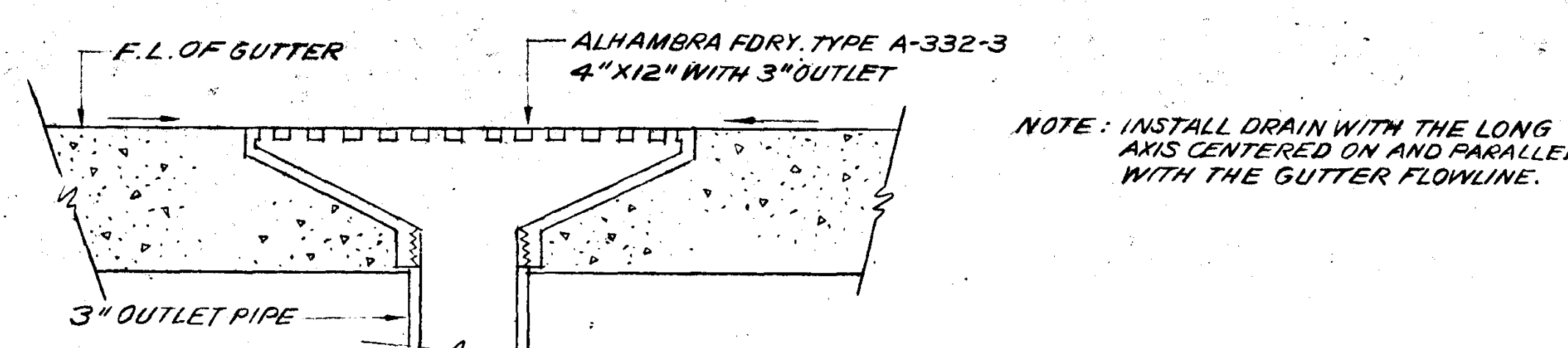
CATCH BASIN

SCALE NONE



PIPE CONNECTION

SCALE 1/2" = 1'-0"



GUTTER DRAIN

SCALE NONE

STORM DRAIN & SEWER CLEANOUT

SCALE NONE

WILLIAM L. PEREIRA ASSOCIATES  
PLANNERS-ARCHITECTS-ENGINEERS  
URBANUS SQUARE MAGARTHEUR BLVD. AT FORD ROAD  
CORONA DEL MAR, CALIFORNIA 92625

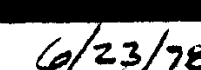
EDUCATIONAL UNIT 2A  
GOLDEN WEST COLLEGE  
HUNTINGTON BEACH, CALIFORNIA  
COAST COMMUNITY COLLEGE DISTRICT

NOTES AND DETAILS  
SCALE AS SHOWN

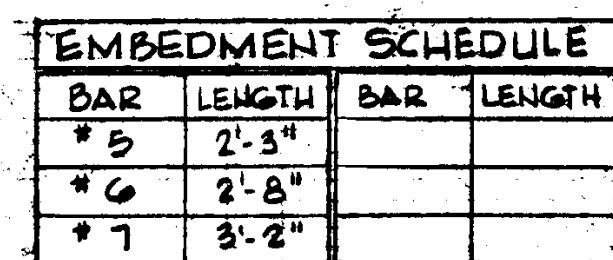
ISSUE DATE  
PROJECT NO. 76013.001  
76013.000  
SHEET NO.  
C2.1  
SHEET 31 OF

6/23/78









4'-0"

1'-0"

1'-0"

SEE 21

4'-0"

1'-0"

1'-0"

WATER PROOF MEMBRANE

C1

PILE CAP AT STUDENT SERVICES CENTER

DETAIL	SCALE NONE	10
--------	---------------	----

Hand-drawn floor plan of a building. The plan shows a rectangular layout with several rooms and corridors. Dimensions are given in feet: 12' 0" for the main horizontal width, 12' 0" for the main vertical depth, and 12' 0" for a smaller vertical section on the right. A note at the top left says "CONCRETE PAVING SEE ARCH. DRAWG AND 13 (A11.9)". A note at the top right says "1.5 TOP & BOTTOM". The plan includes various rooms, some with furniture like beds and desks, and a central corridor. The drawing is done in black ink on a white background.

Architectural drawing of a wall section. The drawing shows a cross-section of a wall with a planter on top. Key dimensions and labels include:

- Top width: 12'
- Top right corner: SEE (12) WALL
- Top right label: #3 CONT
- Vertical reinforcement: #4 VERT @ 24"
- Planter label: PLANTER
- Bottom right label: #3 CONT
- Bottom width: 9' 1"
- Bottom left label: PLANTER

Below the drawing, the following text is written:

SEE ARCH 4 DWG'S FOR LOCATION AND ELEVATION AT TOP OF WALL.

Hand-drawn sketch of a vertical pipe section with various annotations and dimensions:

- Dimensions:**
  - Top horizontal width: 12"
  - Bottom horizontal width: 12"
  - Vertical distance from top to first horizontal section: 4'
  - Vertical distance between horizontal sections: 8'
  - Horizontal distance from centerline to right edge of first horizontal section: 4'
  - Horizontal distance from centerline to right edge of second horizontal section: 20'
  - Horizontal distance from centerline to right edge of third horizontal section: 4'
- Annotations:**
  - Top left: SEE ARCH'L DWG'S.
  - Top right: SEE 22A N/C.
  - Left side: PLANTER
  - Right side: 2" CONT.
  - Right side: #4 VERT. @ 24" OC.
  - Bottom left: 1" TOP & BOTTOM
- Other features:**
  - A wavy line on the left side of the vertical pipe, labeled "PLANTER".
  - A horizontal section with diagonal hatching, labeled "2" CONT." and "#4 VERT. @ 24" OC."
  - A horizontal section with diagonal hatching, labeled "1" TOP & BOTTOM".

[illegible]

SEE 6  
52

SECTION	SCALE 2" = 10'	12
---------	-------------------	----

22

7' 4" 6"

[illegible][illegible]

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

[illegible]

24"X30" GRADE BEAM SEE 1 344

PILECAP REINFC PER 2 214

TYPICAL GRADE BEAM AT PILE CAP

SCALE 1/4"=1'-0" 5

4'-0"

3"

1/4"

3/8" WIRE SPIRAL

6-1/2" WIRE STRANDS

30

3/4"

12"

12"

2" ECONOFLEX TUBES, 4'-3" LONG 1/4" BASES GROUTED 1/2" BARS GROUT

3/8" WIRE SPIRAL

1" = 1'-0"

PLAN SECTION (A)

3 BANDS OF 5-#6  
@ 7" OC.

THREE  
PILE CAP

TYPICAL PILECAP

ALTERNATE PRECAST PILE NOTES

SEVEN-WIRE STRANDS PER ASTM A416 GRADE 270

4. CONCRETE SHALL BE HARDENY AND SHALL DEVELOPE A MINIMUM ULTIMATE COMPRESSIVE STRENGTH AT 28 DAY TEST OF 5000 PSI (5400 PSI FOR CYLINDER GROUPS)

5. GROUT TO BE EMBEDD ABOUT 6" @

SEE SET FOR DETAIL OF PILE CAP & GROUT DETAIL FOR STUDENT SERVICES CENTER ON SHEET 37.1

SEE PILE CAP DETAIL OTHERWISE

EXTEND 1/2" WIRE STRANDS INTO PILE CAP

W 3/8" WIRE SPIRAL

6-#2 B WIRE STRANDS

12" SQUARE PRECAST CONC. PILE

1" CHAMFER TYP'L TOP & BOT. OF PILE

1 1/2" SPIRAL

1" SQ

1" SQ

NOTES CONTINUED:

6. MIN. ULTIMATE COMPRESSIVE STRENGTH BEFORE DRIVING SHALL BE 2000 PSI.

7. EFFECTIVE PRESTRESSING FORCE, AFTER LOSSES, TO BE 167,400 PSI OR 22,950' PER STRAND

3'-0"

3'-6"

PLAN  
PILE GROUP  
DEPTH = 3'-6"

1'-0"

1'-6"

PLAN  
TYPICAL SINGLE  
PILECAP DEPTH

DETAILS

GRADE BEAMS MUST BE POURED AT SAME TIME THAT PILECAPS ARE POURED. (EDUCATION UNIT)

SEE  $\frac{16}{32}$  FOR DETAIL OF PILE CAP AND GRADE FOR STUDENT SERVICES CENTER ON SHEET

COL. SEE PLAN

SEE  $\frac{16}{32}$

90° BEND PER

TOP OF PILE

FORM SOIL AND GRADE

PILE CAP BE

16'

4'

16'

4'

90°

COMPACT SOIL (90%) AFTER REMOVING FORMS

MIN LENGTH OF VERT. REINFC. BELOW BOTT

400

5/8" WIRE ALL 1/2"

2"

(a)

DAY 10 2 FOR

4111  
A44  
DIE ONE CAR  
DOON & JOHNSON  
DEC. NAME  
KENSSTLER A  
SALES  
BROWNE  
AT BEACH  
SON-STEPHAN  
ST. BEACH

1:6

1:6

3'0"

3'-8" EA WAY

3'0"

SCALE NONE

2

LEIRA ASSOCIATES  
ARCHITECTS • ENGINEERS

714/644-0620

2. AT FORD ROAD

25

T 2A ONLY)

BEAM  
S7-1

3  
E S7-1

15 @ S7-1

1ST  
FLOOR

UNLESS NOTED  
OTHERWISE

1-1

SEE PILE  
CAP DETAILS

2 BARS WHERE CALLED  
2 IN 2/S1.2

ENDS OF ALL PILE CAPS  
MADE BEAMS. (TYPICAL)

1/4" S7-1

2  
S1/2

WILLIAM L. PLANNERS - ARCHITECTS  
URBANA SQUARE MARTIN  
CORONAL HILL, WILM. CALIF.

COLLEGE  
DRINIA  
TRICT

MOND NO.6 SHELL  
OUTSIDE DIAMETER  
TOP CASING.


0" CONCRETE

(MIN) ASTM A-82 DRAWN  
SPICAL WITH 3 RICH.  
SPICES SHALL BE  
FURNISH TYPICAL.

EDUCATIONAL UNIT

**OLDEN WEST COAST COMMUNITY COLLEGE**

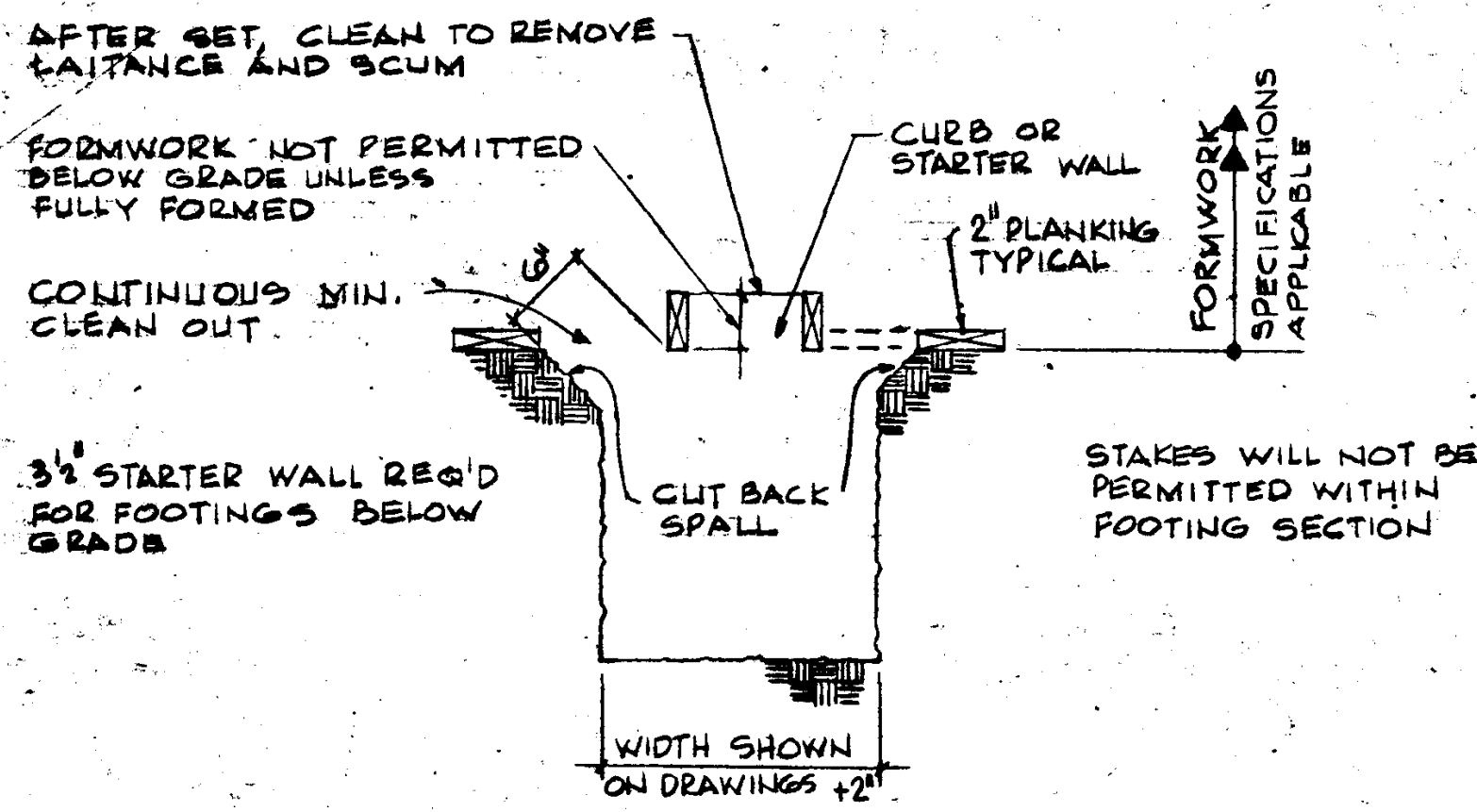
HUNTINGTON BEACH, CALIF.

	2" CLR.	DETAIL <u>(a)</u>	BY <u>    </u> <u>    </u>	DATE <u>    </u> <u>    </u> <u>    </u>	ISSUE DATE	SOLE NOTE	TYPICAL DETAILS	PILE AND PILECAPS	APPLIES ALSO TO STUDENT SERVICES CENTER #4112
							0.00' 00" SHELL OUTSIDE DIAMETER ON CASING		

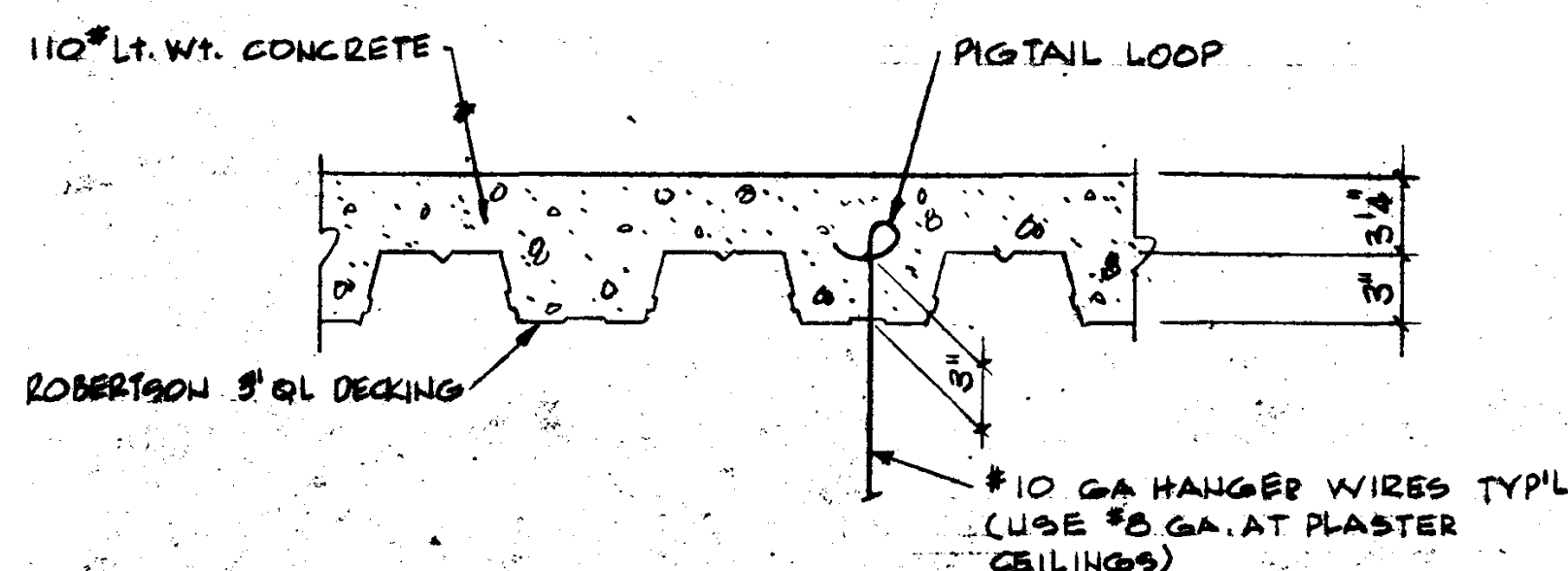
	SCALE		D		SHEET 33 OF
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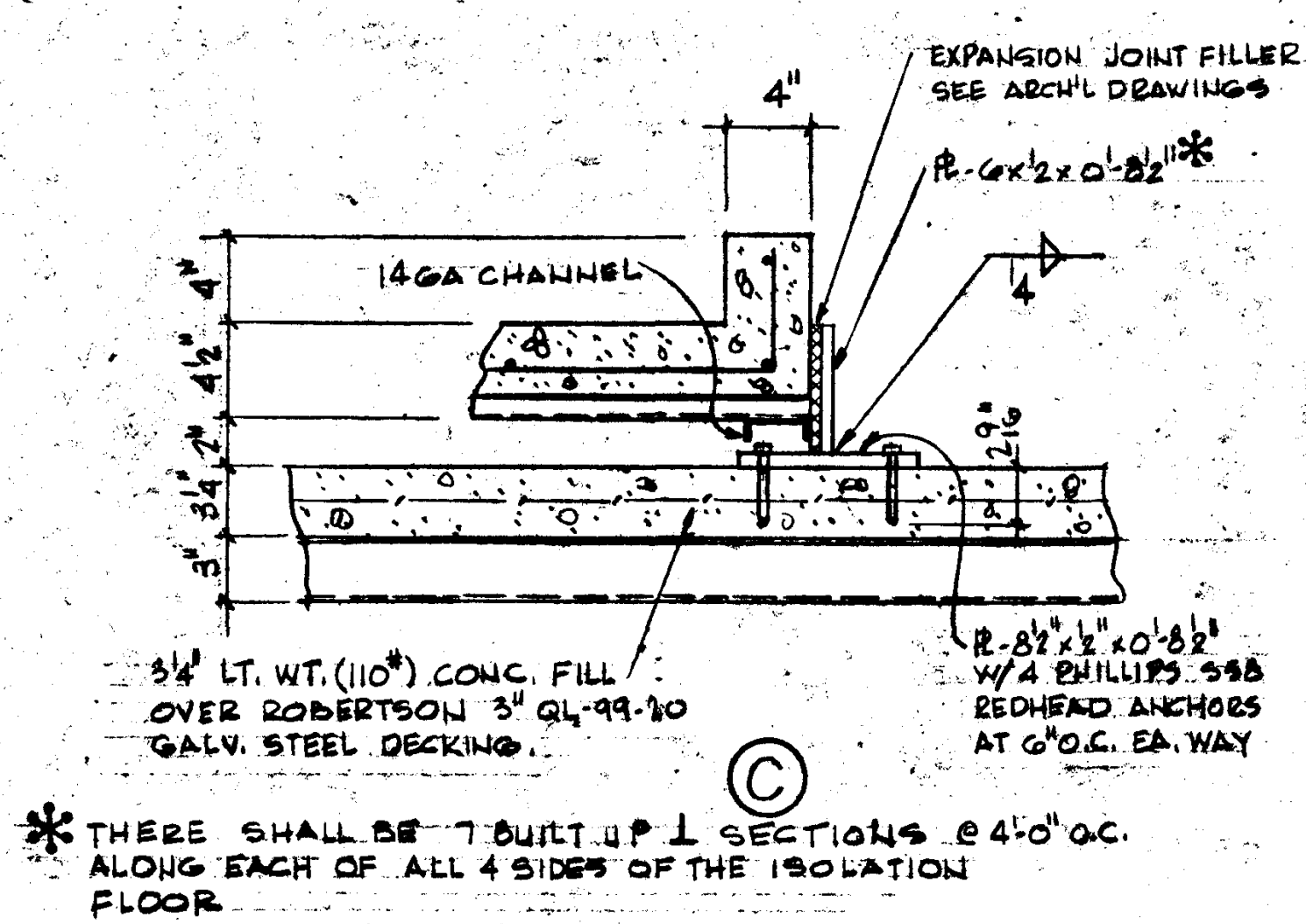
FOUNDATION CONCRETE MAY BE PLACED DIRECTLY INTO NEAT EXCAVATIONS, PROVIDED THE FOUNDATION TRENCH WALLS ARE STABLE AS DETERMINED BY THE ARCHITECT (STRUCTURAL ENGINEER) SUBJECT TO THE APPROVAL OF THE OFFICE OF STATE ARCHITECT, IN SUCH CASE THE MINIMUM FORMWORK SHOWN ON THE DRAWINGS IS MANDATORY TO INSURE CLEAN EXCAVATIONS IMMEDIATELY PRIOR TO AND DURING THE PLACING OF CONCRETE.



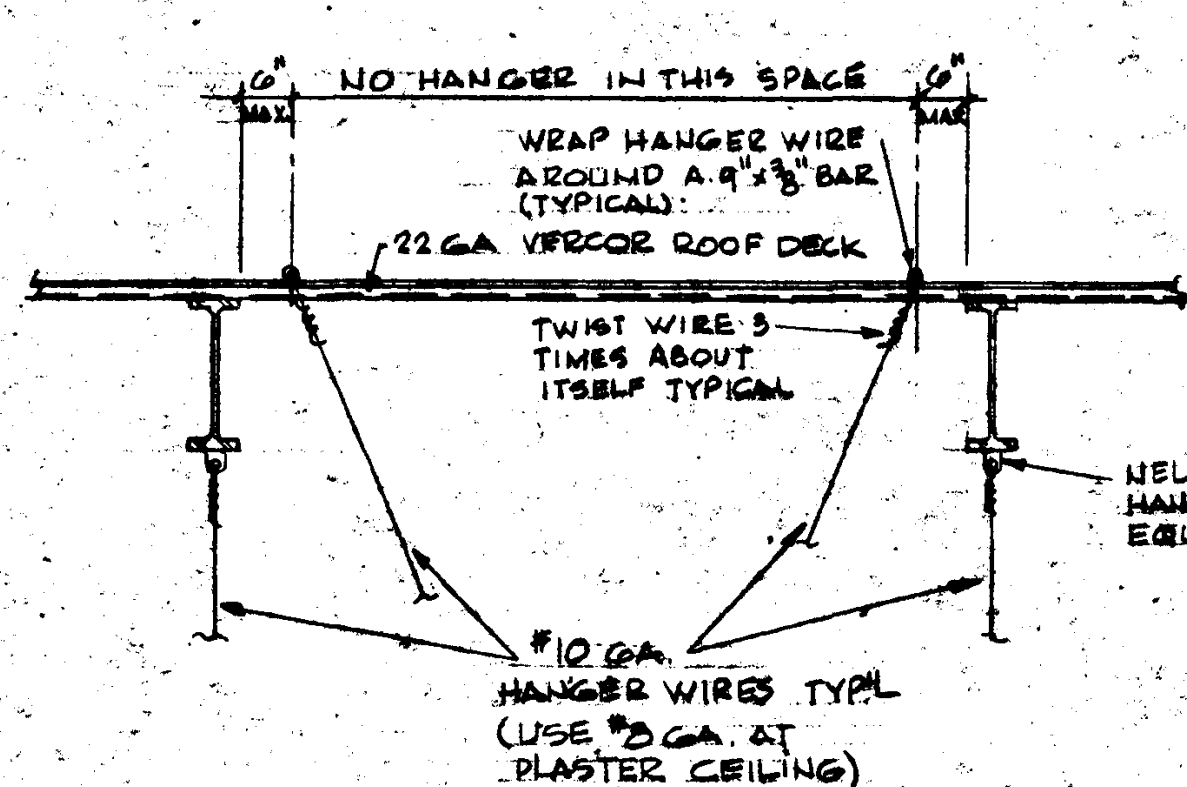
MANDATORY MIN. FORMWORK (UNLESS FULLY FORMED) SCALE NONE 9



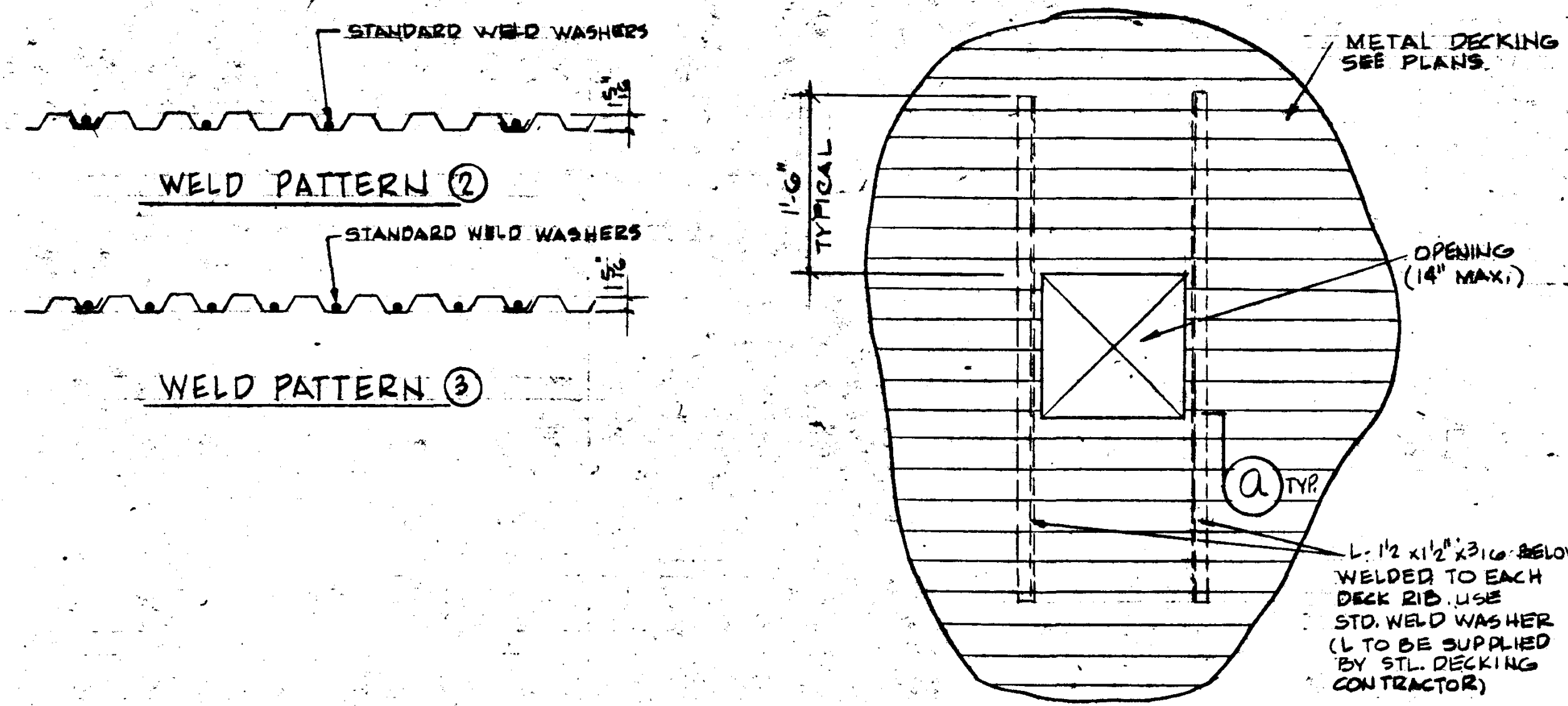
CEILING HANGER DETAIL TO 2ND FLOOR SCALE NONE 8



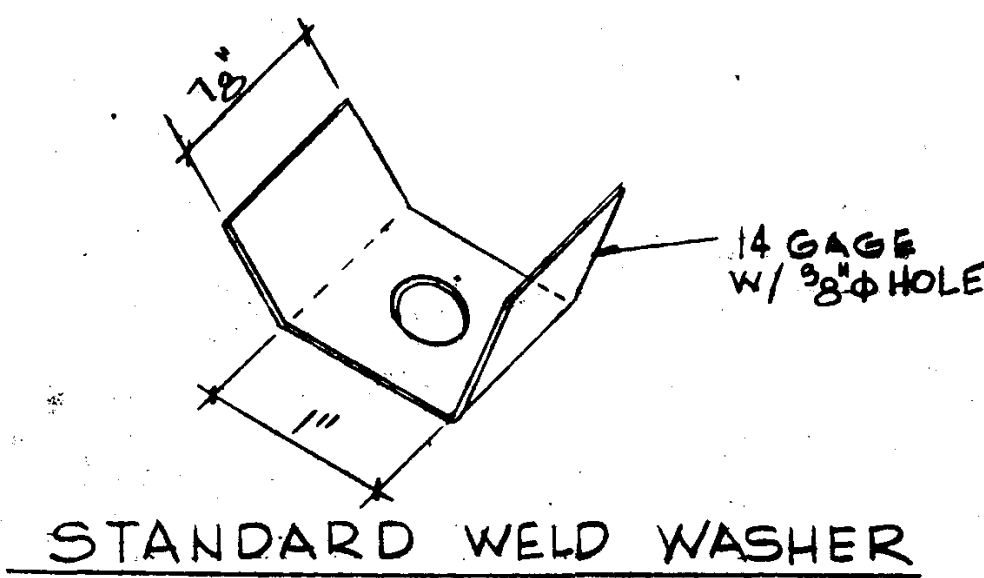
MECHANICAL ROOM ISOLATION FLOOR DETAILS SCALE NONE 4



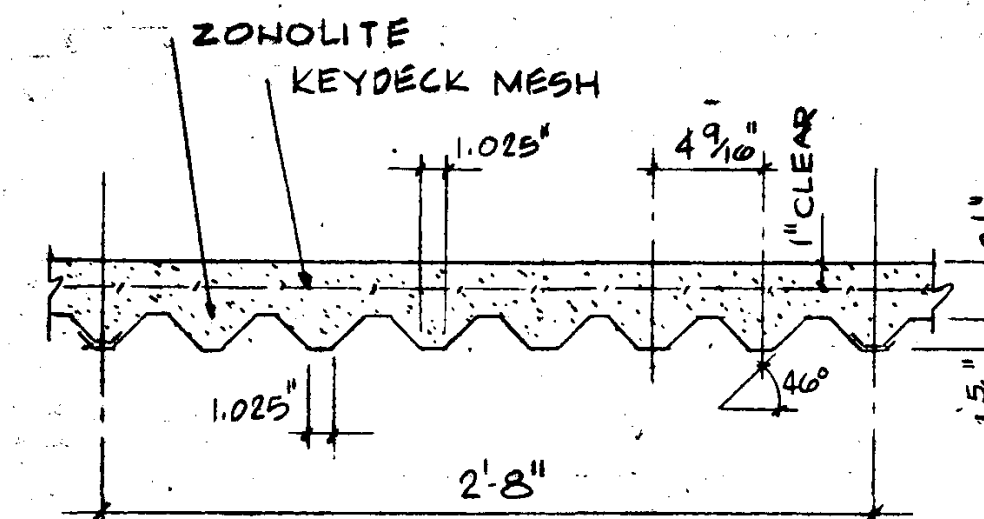
CEILING HANGER DETAIL AT ROOF SCALE NONE 7



VERCOR ROOF DECKING



STANDARD WELD WASHER



NOTE: DETAIL SHOWN IS FOR OPENINGS 6\"/>

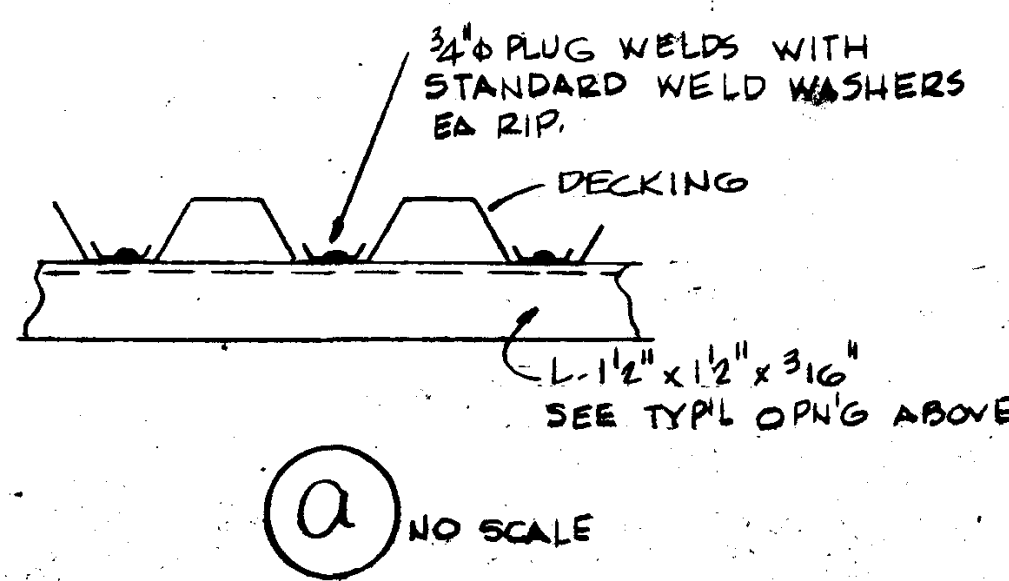
TYPICAL OPENING

DECK ATTACHMENT TO BE AS FOLLOWS:

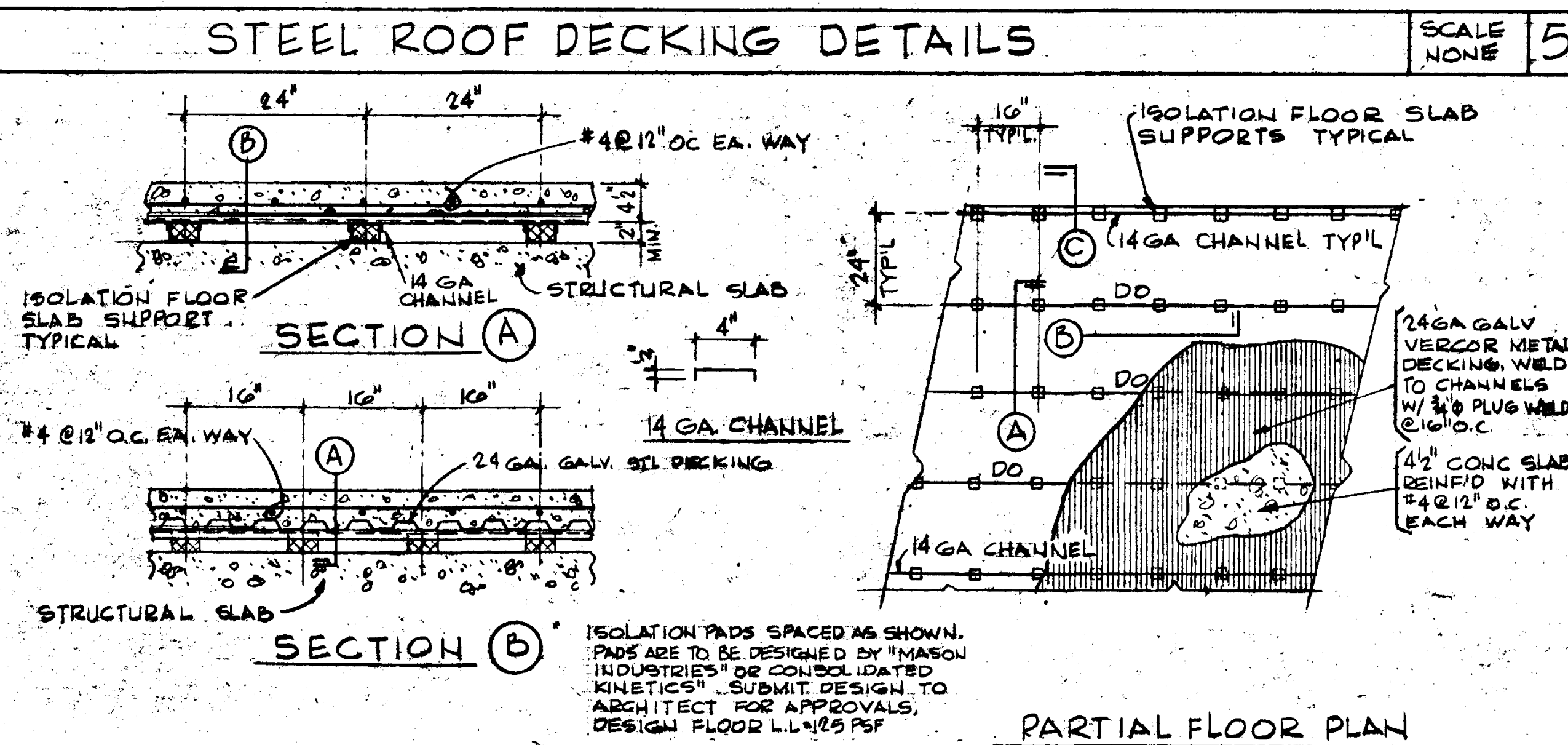
1. USE WELD PATTERN 3-2\*
2. MARGINAL WELDS, AND WELDS TO ALL STEEL FRAMES (BEAMS WITH MOMENT CONNECTIONS) THAT ARE PARALLEL TO SPAN OF DECKING, ARE TO BE PLUG WELDS @ 12\"/>
- 3. LAP SIDE LAPS OF ADJACENT SHEETS AS SHOWN
- 4. ALL WELDS REQUIRE WELD WASHERS (STANDARD)
- 5. ASTM A446 GRADE 'B' OR BETTER.
- 6. GALVANIZING - ASTM A361, G90 COATING CLASS

\* THE FIRST NUMBER SHOWN IS THE WELD PATTERN AT THE END OF THE DIAPHRAGM OR ALONG STEEL FRAMES (BEAMS WITH MOMENT CONNECTIONS) THAT ARE PERPENDICULAR TO SPAN OF DECKING. THE SECOND NUMBER SHOWN IS THE WELD PATTERN AT ALL OTHER SUPPORTS.

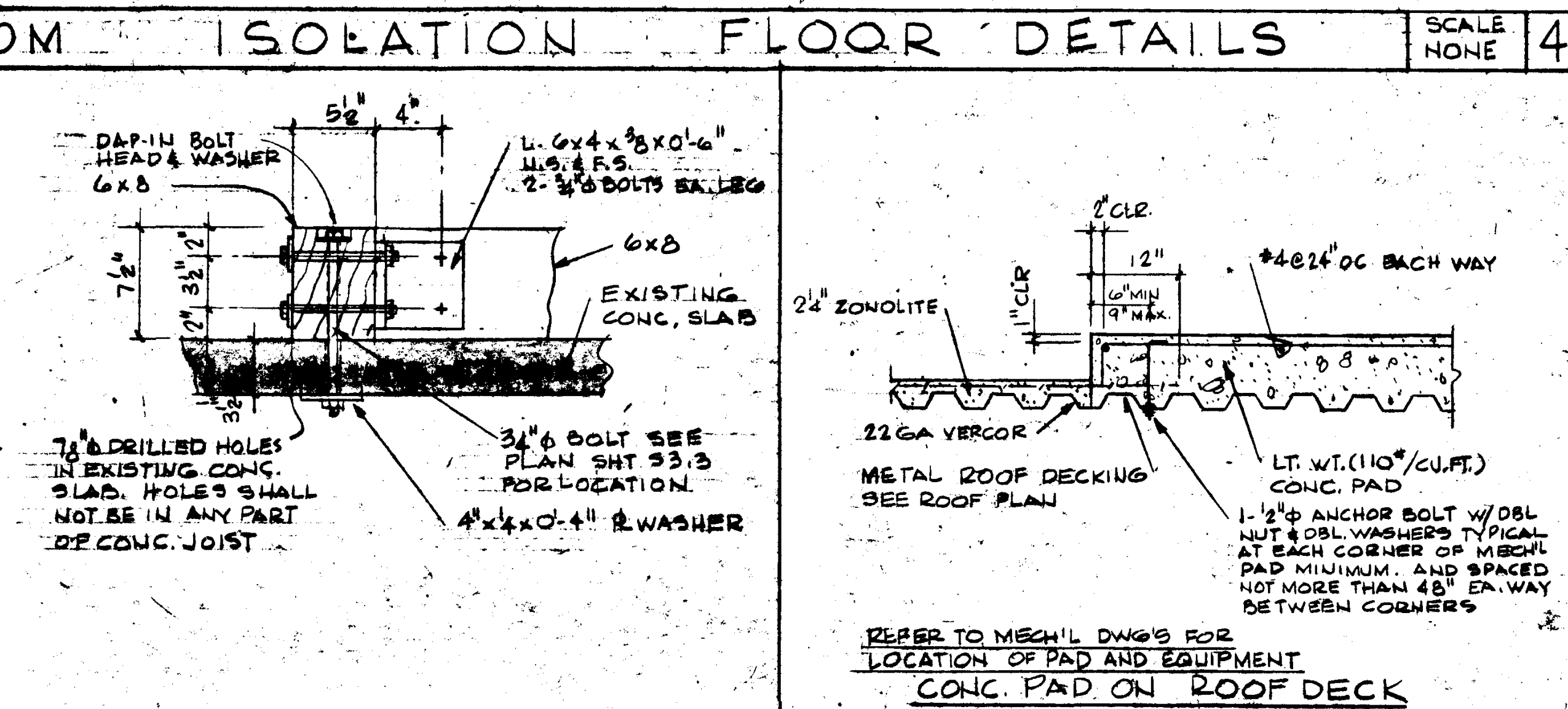
TYPE DECKING	GAGE	MIN. I	MIN. S
VERCOR	22	.116	.167



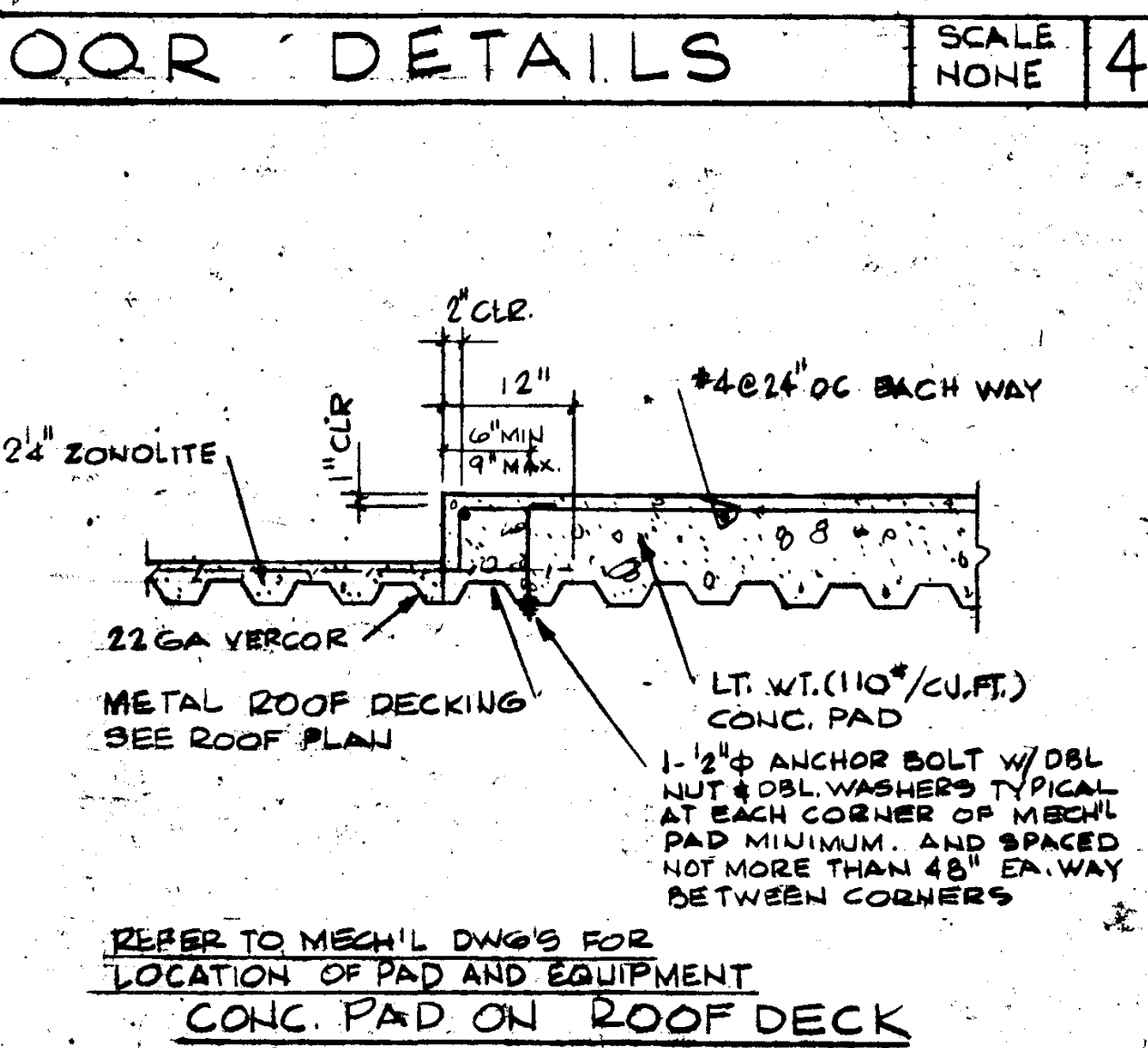
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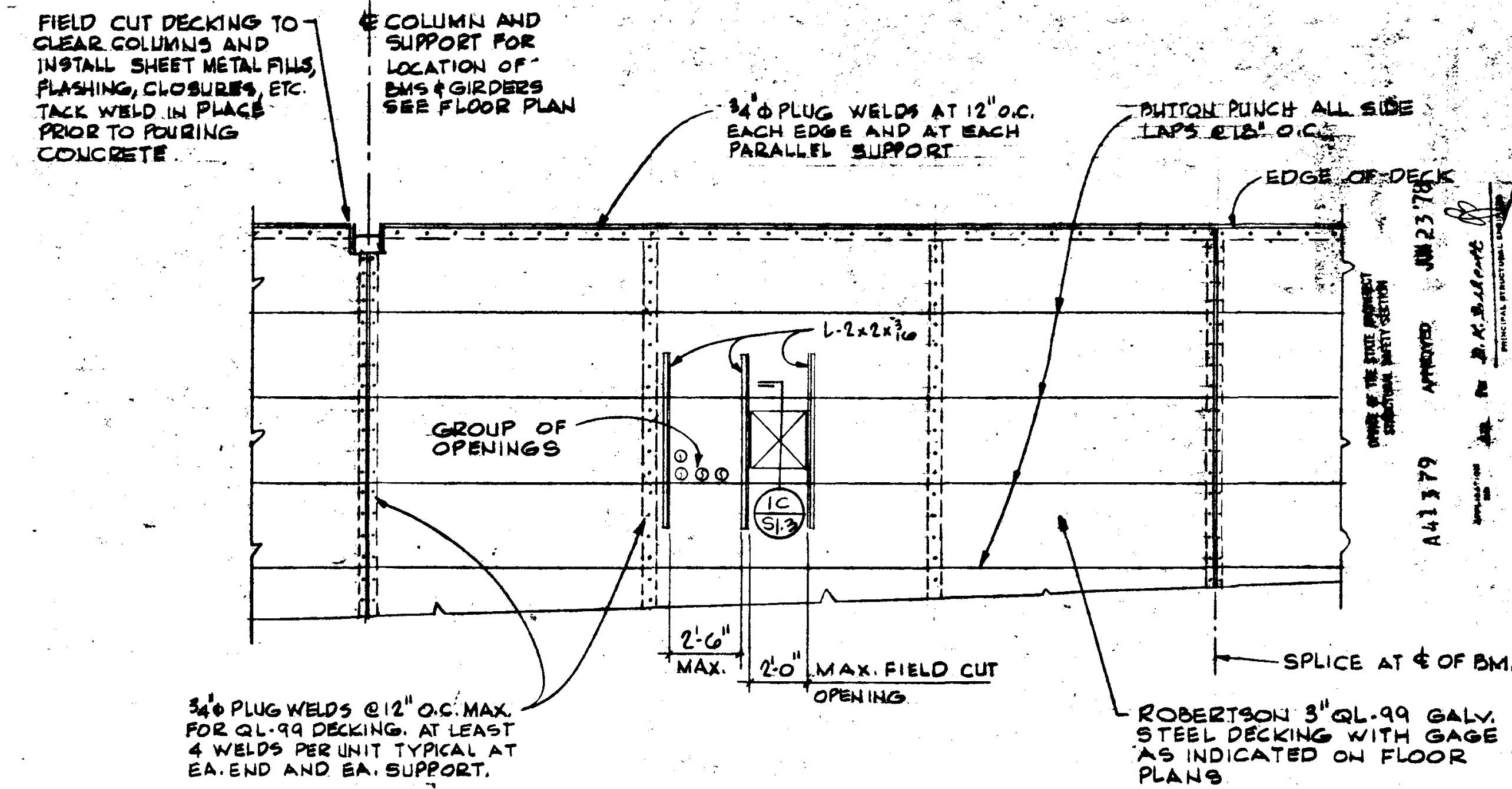
STEEL ROOF DECKING DETAILS SCALE NONE 5



MECH'L EQUIPMENT PAD DETAIL SCALE NONE 6

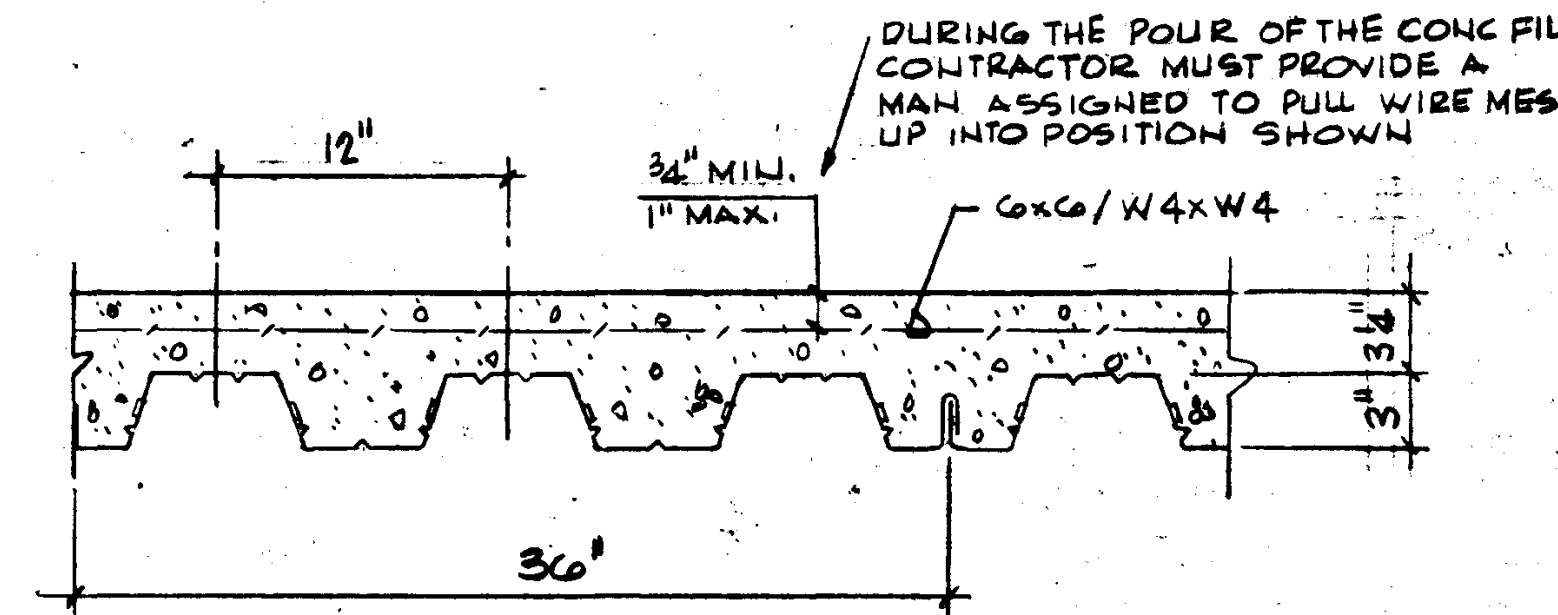


MECH'L EQUIPMENT PAD DETAIL SCALE NONE 3



PLAN - TYPICAL DETAILS NO SCALE

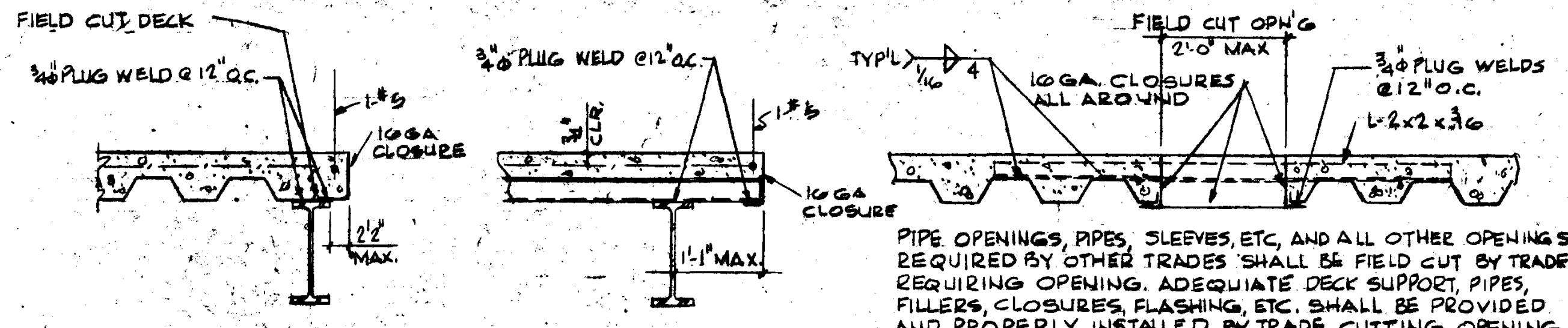
3\"/>
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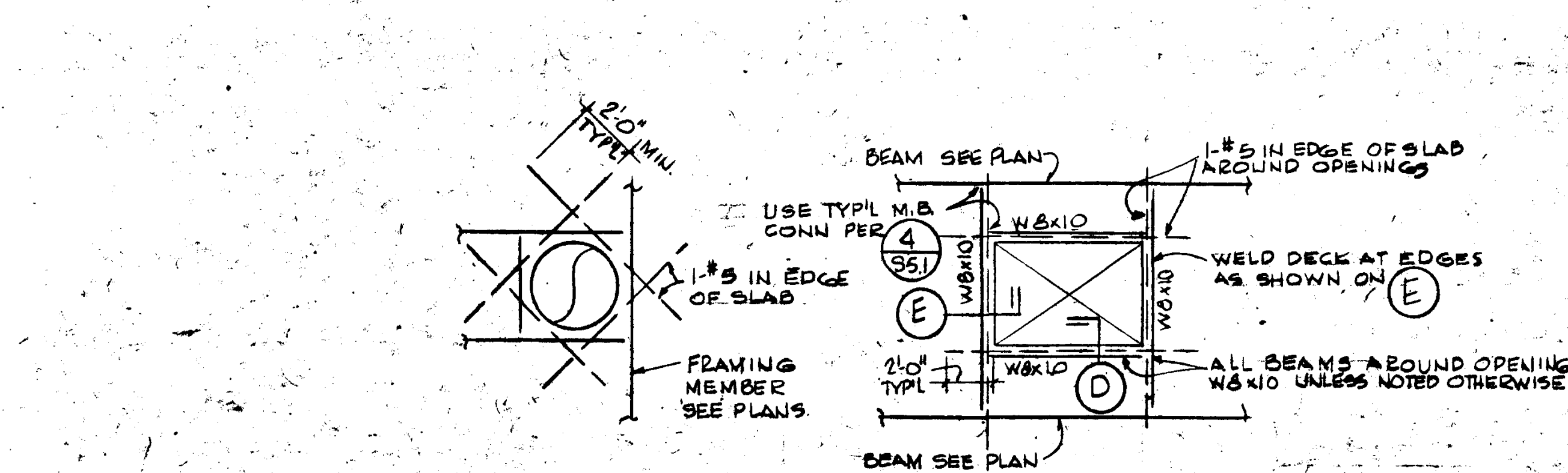
ROBERTSON 3\"/>

GENERAL NOTES - STEEL FLOOR DECKING

- D.1 REFER TO STEEL DECK SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- D.2 DECK ERECTION CONTRACTOR SHALL CUT THE DECKING TO SUIT DETAILS AT ALL FRAMED OPENINGS, COLUMNS, COLUMN CONNECTIONS AND AS INDICATED ON THE PLANS.
- D.3 THE OPENINGS, SHOWN ON THE FRAMING PLANS, INDICATE THE GENERAL ARRANGEMENT AND LOCATION ONLY. VERIFY CUTTING LENGTH, OF THE DECKING, WITH ARCHITECTURAL, ELECTRICAL AND MECHANICAL DRAWINGS.
- D.4 PIPES, PIPE SLEEVES, PIPE OPENINGS, ETC. AND ALL OTHER OPENINGS, REQUIRED BY OTHER TRADES, SHALL BE FIELD CUT BY TRADES REQUIRING OPENING. ADEQUATE DECK SUPPORT, PIPE SLEEVES, FILLERS, CLOSURES, FLASHING, ETC. SHALL BE PROVIDED AND PROPERLY WELDED IN PLACE BY THE TRADE CUTTING THE OPENING.
- D.5 ALL WELDERS SHALL BE CERTIFIED FOR LIGHT GAGE STEEL WELDING, AT THE OFFICE OF STATE ARCHITECT AND APPROVED BY THE ARCHITECT.
- D.6 THE EFFECTIVE AREA OF A 3/8\"/>
- D.7 CONTINUOUS INSPECTION, BY A DEPUTY INSPECTOR, APPROVED BY THE OFFICE OF STATE ARCHITECT, IS REQUIRED FOR WELDING.
- D.8 ALL LIGHT GAGE STEEL DECKING AND FLASHING SHALL BE FABRICATED OF SHEET METAL, CONFORMING TO ASTM A446 AND GALVANIZED IN ACCORDANCE WITH ASTM A526 CLASS G-60. MANUFACTURERS MAY SUBMIT ALTERNATES FOR APPROVAL PRIOR TO BIDS AND SHALL SUBMIT TO THE OFFICE OF STATE ARCHITECT FOR APPROVAL PRIOR TO MANUFACTURE AND/OR INSTALLATION.



TYP'L. OPEN'G. DETAIL (E) TYP'L. OPEN'G. DETAIL (D) TYPICAL OPENING DETAIL (C)

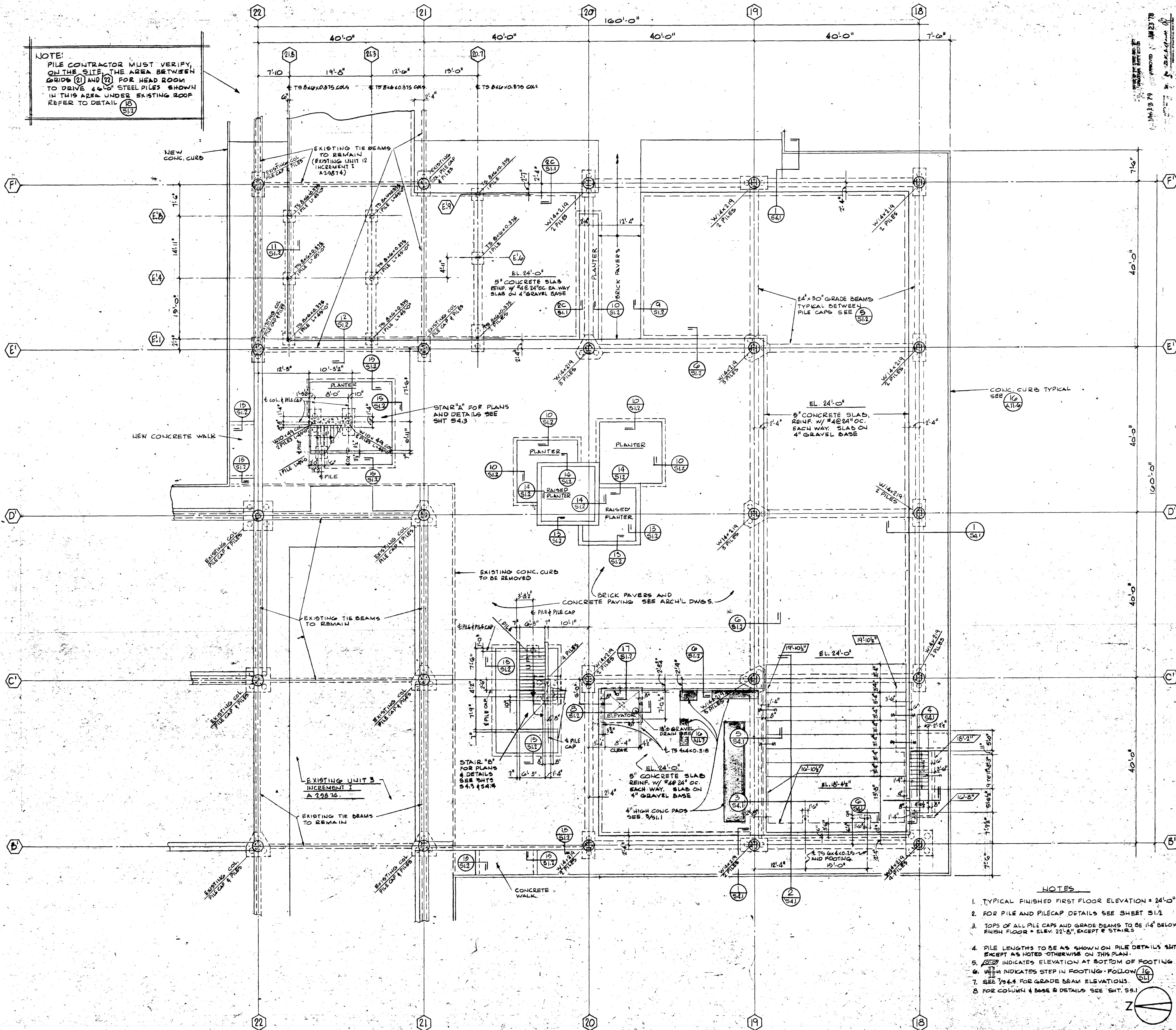


ROUND OPENING (B) TYPICAL OPENING DETAIL (A)

STEEL FLOOR DECK WELDING AND DETAILS SCALE NONE 1



NOTE:  
PILE CONTRACTOR MUST VERIFY,  
ON THE SITE, THE AREA BETWEEN  
GRIDS 21 AND 22 FOR HEAD ROOM  
TO DRIVE 46" STEEL PILES SHOWN  
IN THIS AREA UNDER EXISTING ROOF  
REFER TO DETAIL 18 S12



# NOTES

1. TYPICAL FINISHED FIRST FLOOR ELEVATION = 24'-0"
2. FOR PILE AND PILECAP DETAILS SEE SHEET S1/2
3. TOPS OF ALL PILE CAPS AND GRADE BEAMS TO BE 14" BELOW FINISH FLOOR = ELEV. 22'-8", EXCEPT @ STAIRS
4. PILE LENGTHS TO BE AS SHOWN ON PILE DETAILS SHT S1/2 EXCEPT AS NOTED OTHERWISE ON THIS PLAN
5.  $\nabla$  INDICATES ELEVATION AT BOTTOM OF FOOTING
6.  $\nabla$  INDICATES STEP IN FOOTING - FOLLOW  $\nabla$
7. SEE 794.4 FOR GRADE BEAM ELEVATIONS
8. FOR COLUMN & BASE R DETAILS SEE SHT. S9.1

EDUCATIONAL UNIT 2A  
**GOLDEN WEST COLLEGE**  
HUNTINGTON BEACH, CALIFORNIA  
COAST COMMUNITY COLLEGE DISTRICT

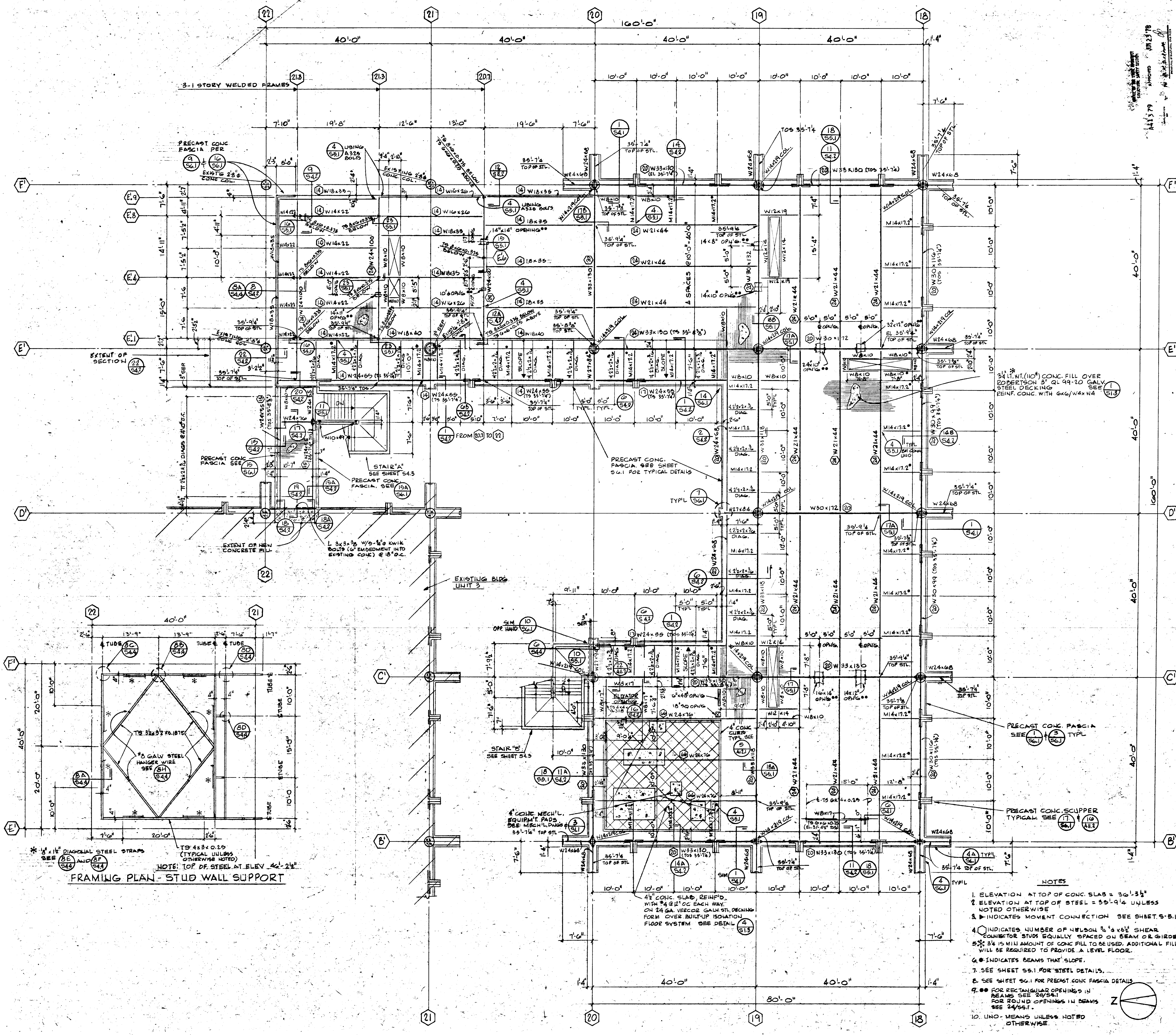
FOUNDATION PLAN

WILLIAM L. PEREIRA ASSOCIATES  
PLANNERS-ARCHITECTS-ENGINEERS  
URBAN SQUARE McARTHUR BLVD. AT FORD ROAD  
CORONA DEL MAR, CALIFORNIA 92625  
714/444-0930

ISSUE DATE  
PROJECT NO. 10013.000  
SHEET NO. **5-3.1**  
SHEET 35 OF

6/25/78





- NOTES**
1. ELEVATION AT TOP OF CONC. SLAB = 35'-3 1/4"
  2. ELEVATION AT TOP OF STEEL = 35'-9 1/4" UNLESS NOTED OTHERWISE
  3. INDICATES MOMENT CONNECTION SEE SHEET 5-51
  4. INDICATES NUMBER OF WELDON 3/8" x 6" SHEAR
  5. 2" MIN. AMOUNT OF CONC. FILL TO BE USED. ADDITIONAL FILL WILL BE REQUIRED TO PROVIDE A LEVEL FLOOR.
  6. INDICATES BEAMS THAT SLOPE.
  7. SEE SHEET 5-1 FOR "STEEL DETAILS."
  8. SEE SHEET 5-1 FOR PRECAST CONC. FASCIA DETAILS.
  9. FOR RECTANGULAR OPENINGS IN BEAMS SEE 20/54.1 FOR ROUND OPENINGS IN BEAMS SEE 24/55.1
  10. UNO - MEANS UNLESS NOTED OTHERWISE

**WILLIAM L. PEREIRA ASSOCIATES**  
PLANNERS-ARCHITECTS-ENGINEERS  
URANUS SQUARE MARTIN BLVD. AT FORD ROAD  
CORONA DEL MAR, CALIFORNIA 92625  
714.644.0620

**GOLDEN WEST COLLEGE**  
HUNTINGTON BEACH, CALIFORNIA  
COAST COMMUNITY COLLEGE DISTRICT

**SECOND FLOOR FRAMING PLAN**

**EDUCATIONAL UNIT 2A**

NO. DATE REVISIONS

ISSUE DATE

PROJECT NO. 76013.000

SHEET NO. **33.2**

SHEET 36 OF

6/23/75

DESIGNED BY: [Signature]

CHECKED BY: [Signature]

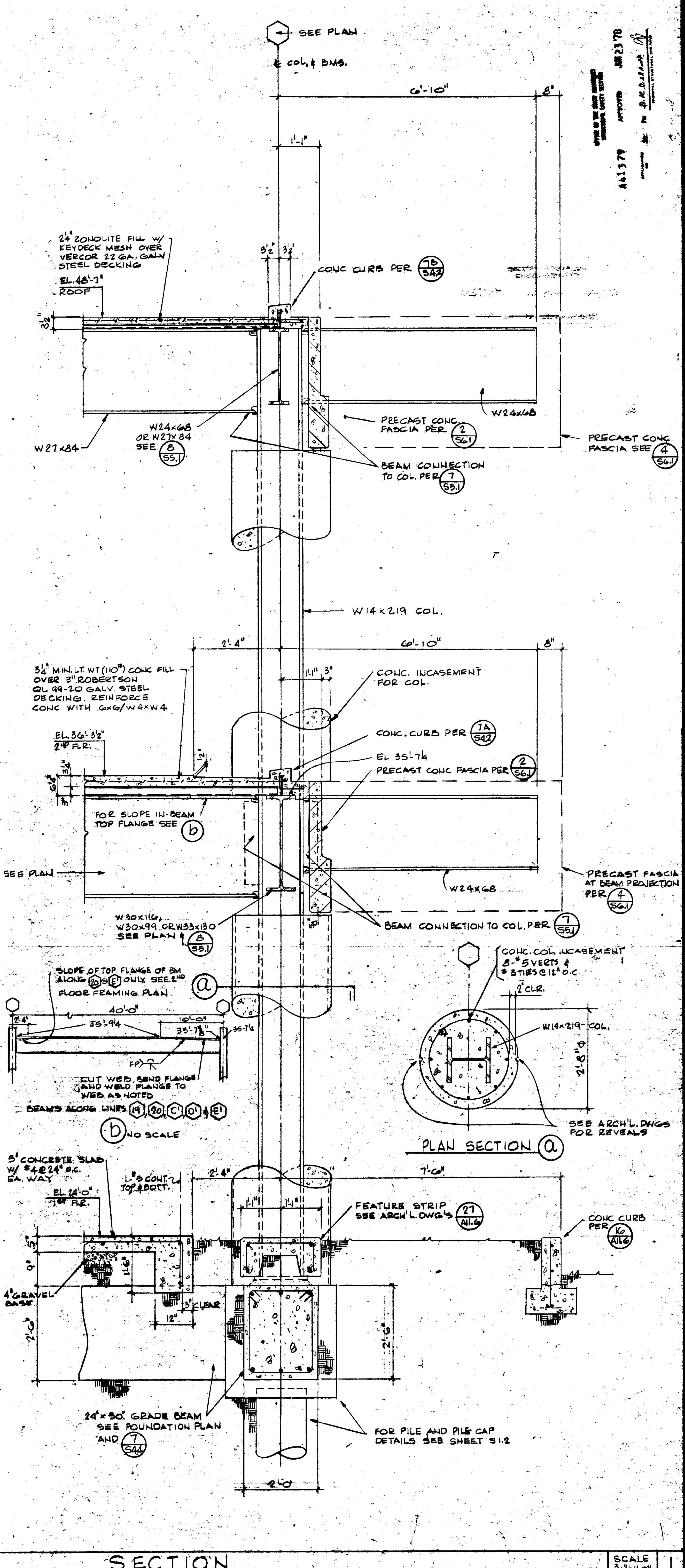
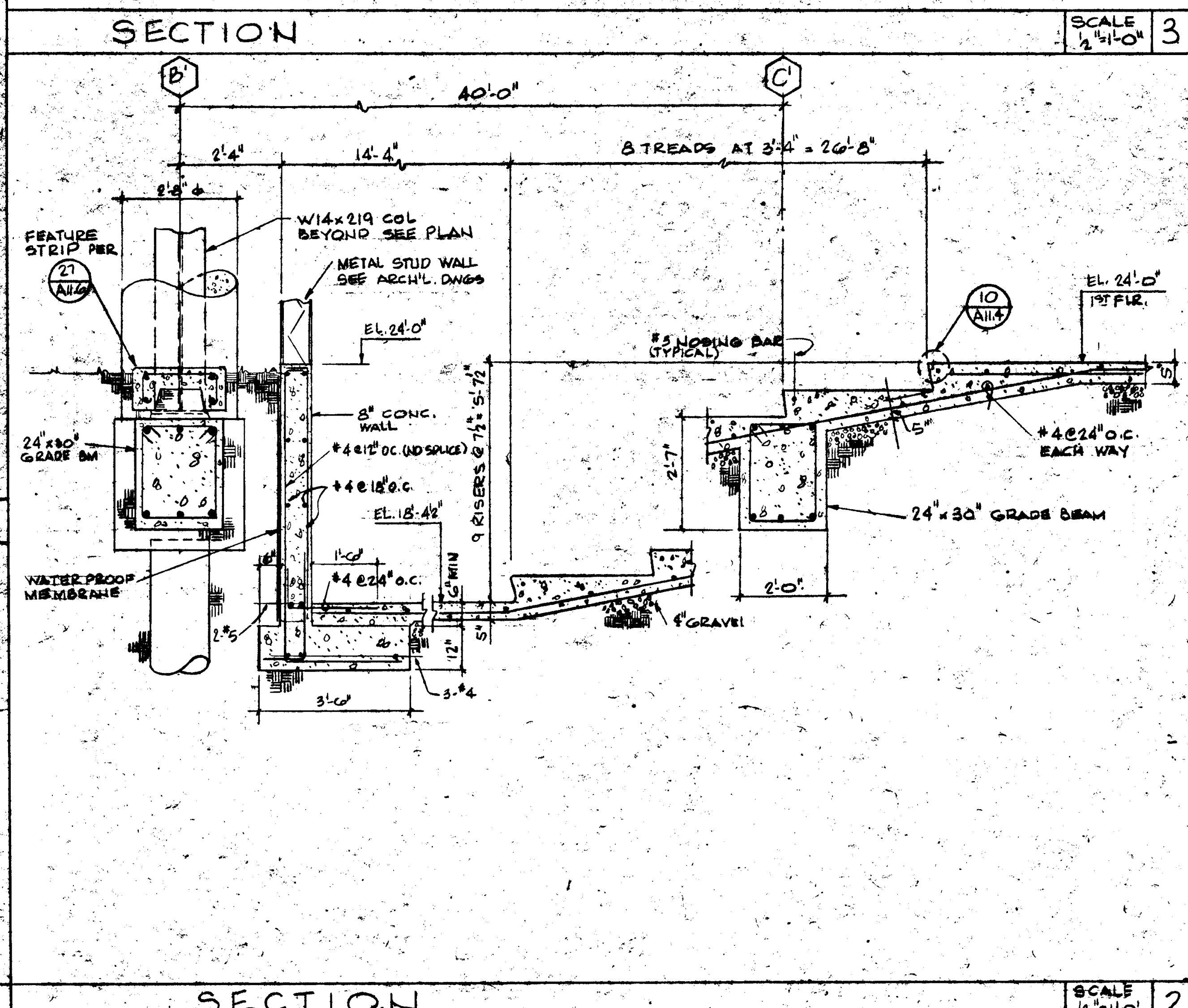
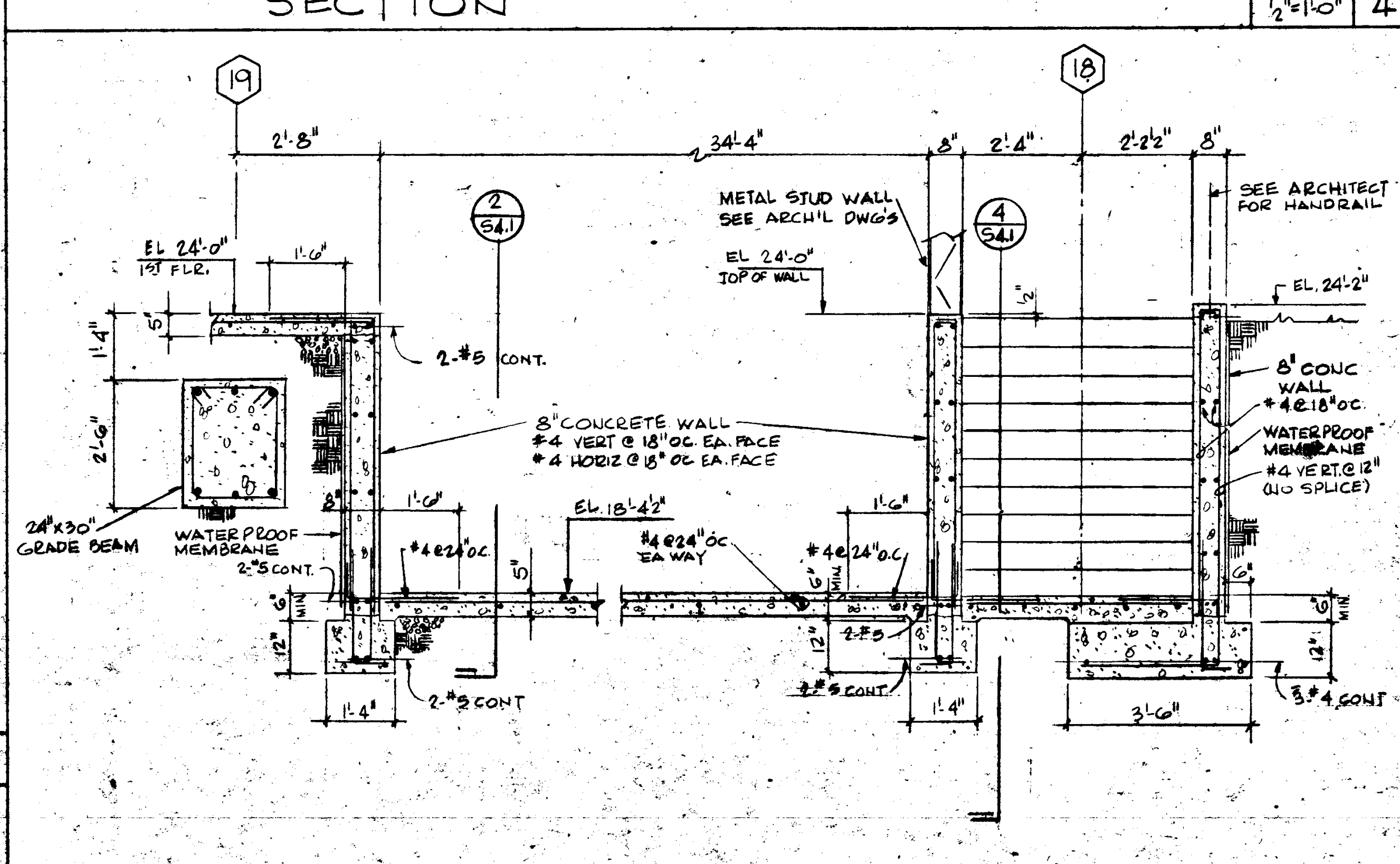
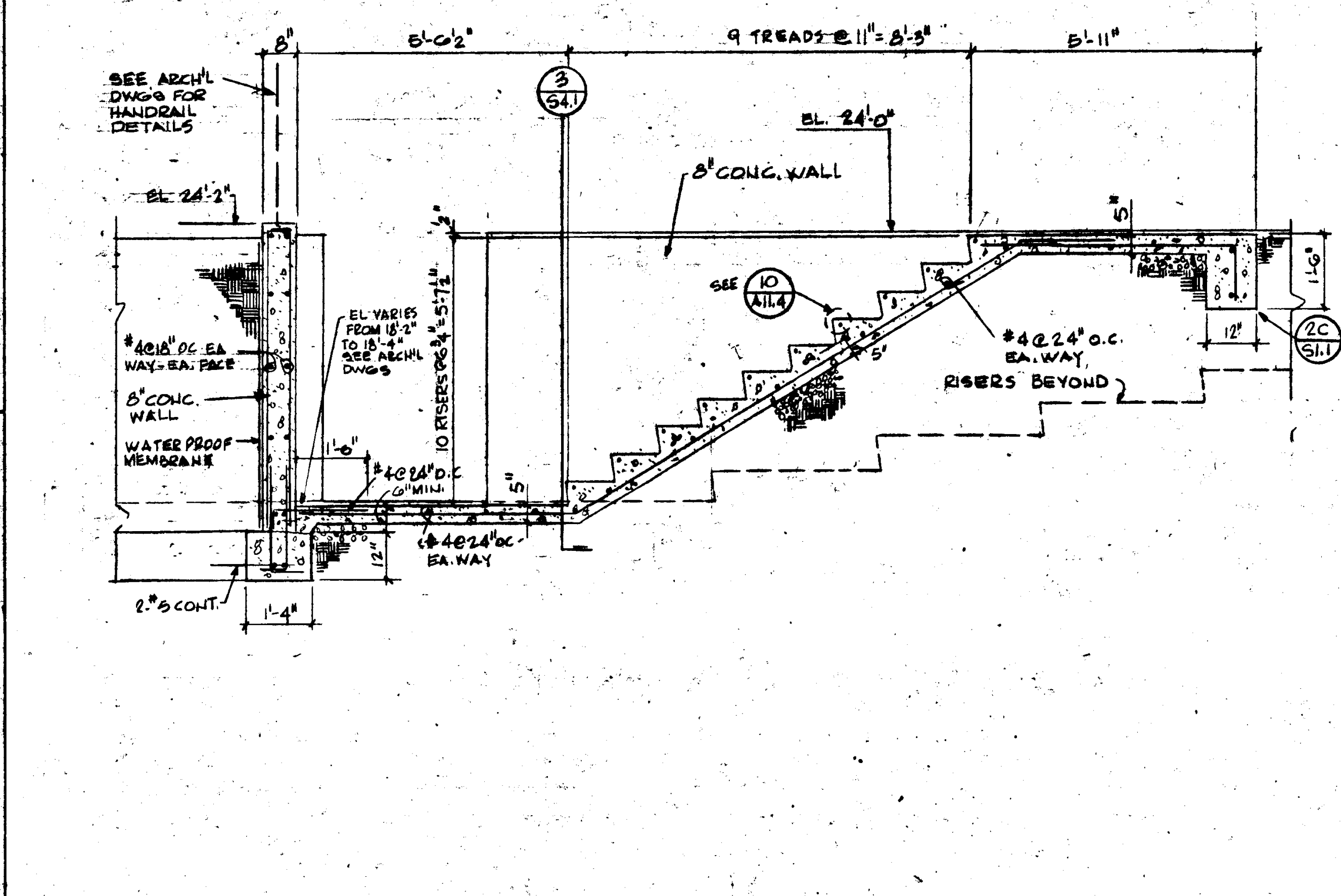
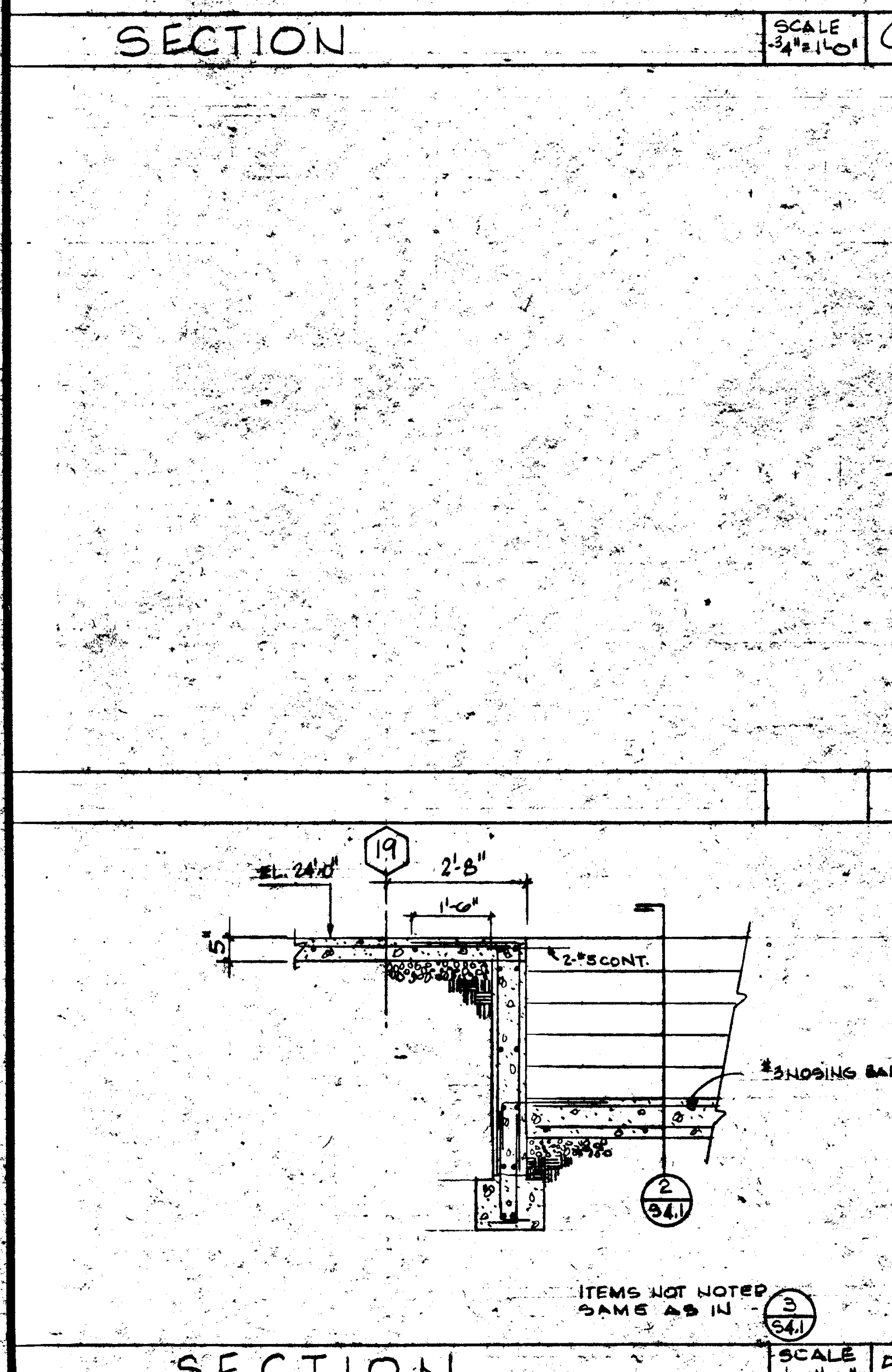
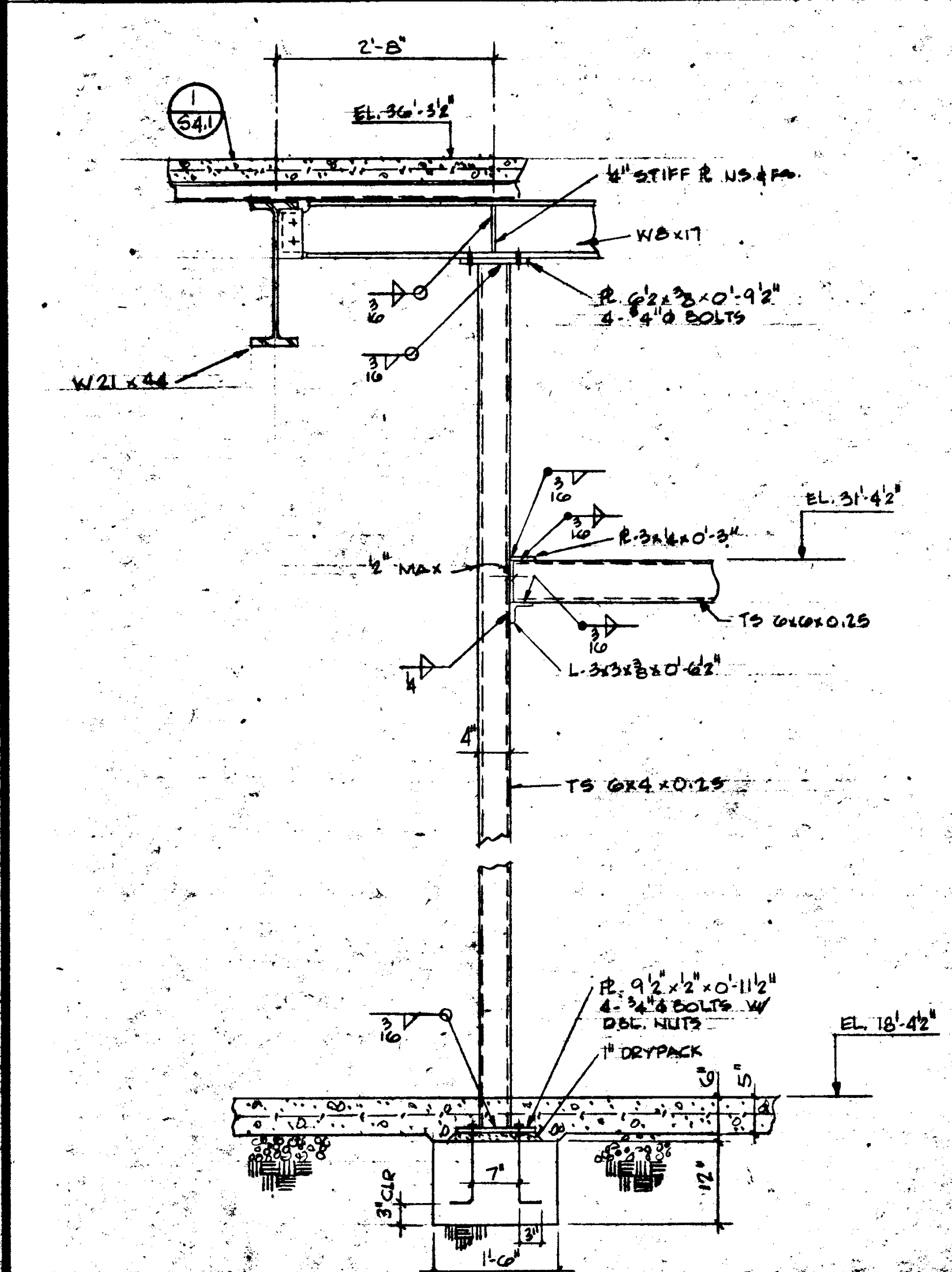
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ENGINEER: [Signature]









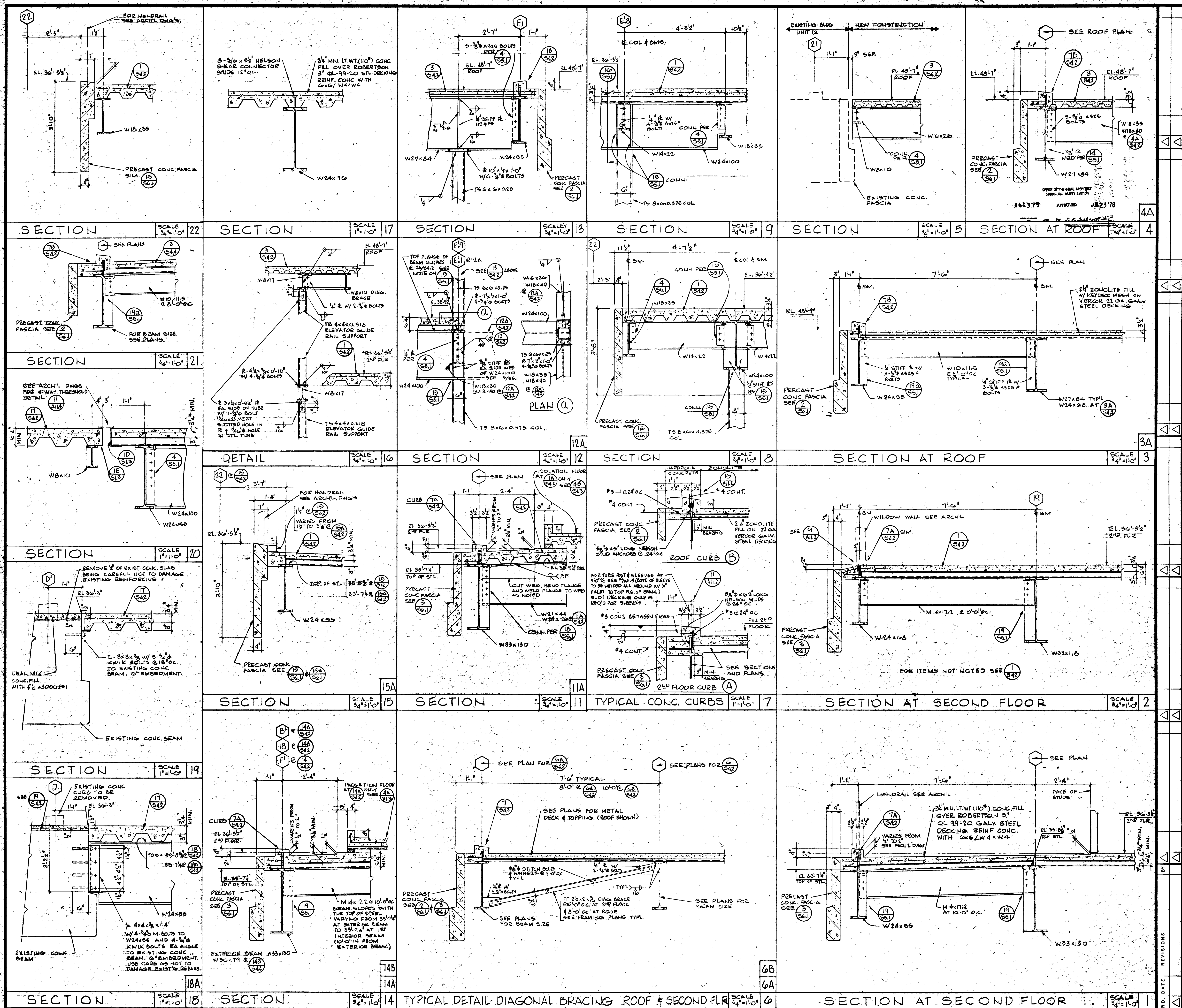
**WILLIAM L. PEREIRA ASSOCIATES**  
PLANNERS-ARCHITECTS-ENGINEERS  
URBAN SQUARE MAINTENANCE BLDG. AT FORD ROAD  
CARSON, CALIF. 90745

**GOLDEN WEST COLLEGE**  
HUNTINGTON BEACH, CALIFORNIA  
COAST COMMUNITY COLLEGE DISTRICT

PROJECT NO. 76-013-000  
SHEET NO. 3-41  
SHEET 38 OF 38

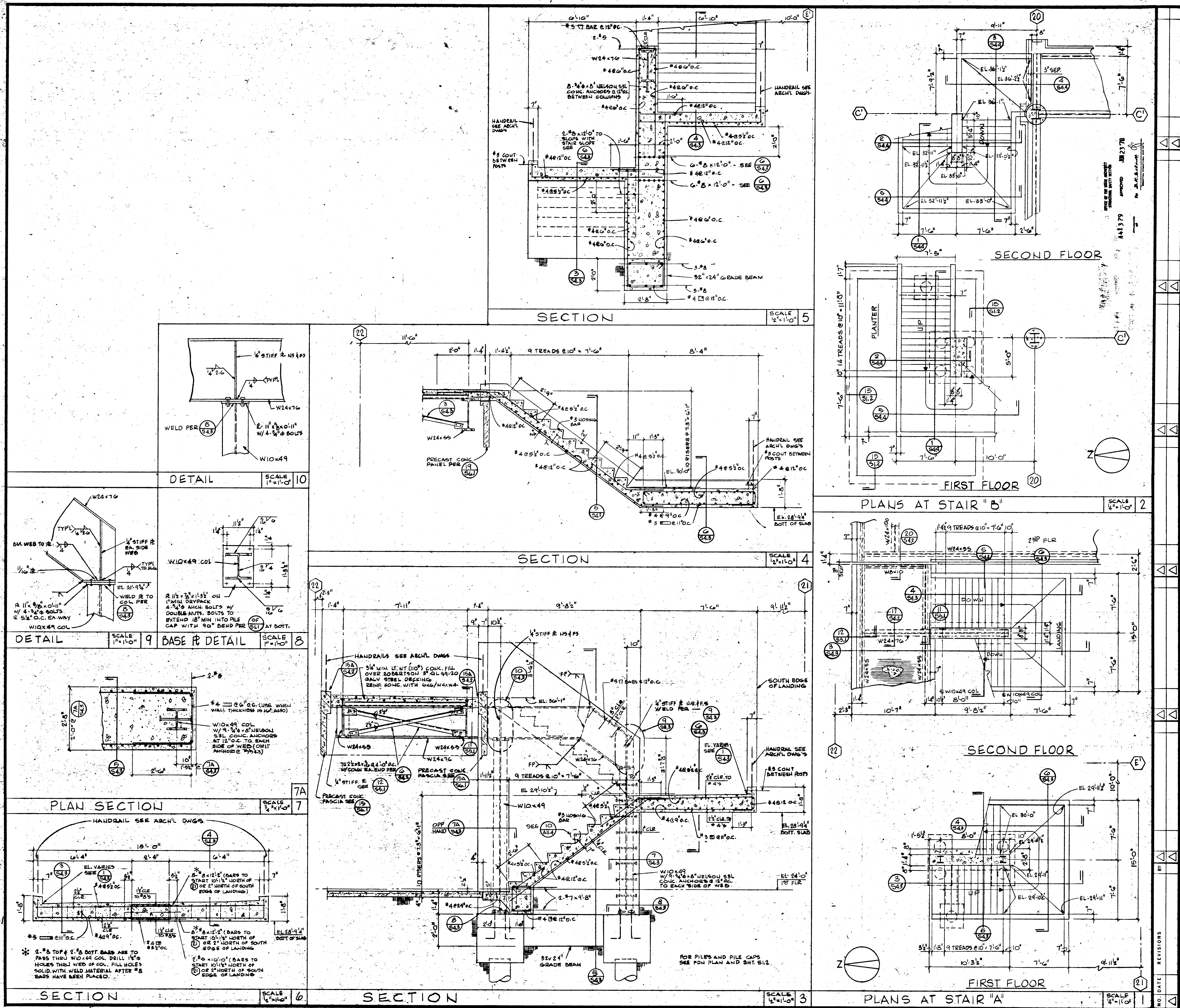
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SCALE: NOTED





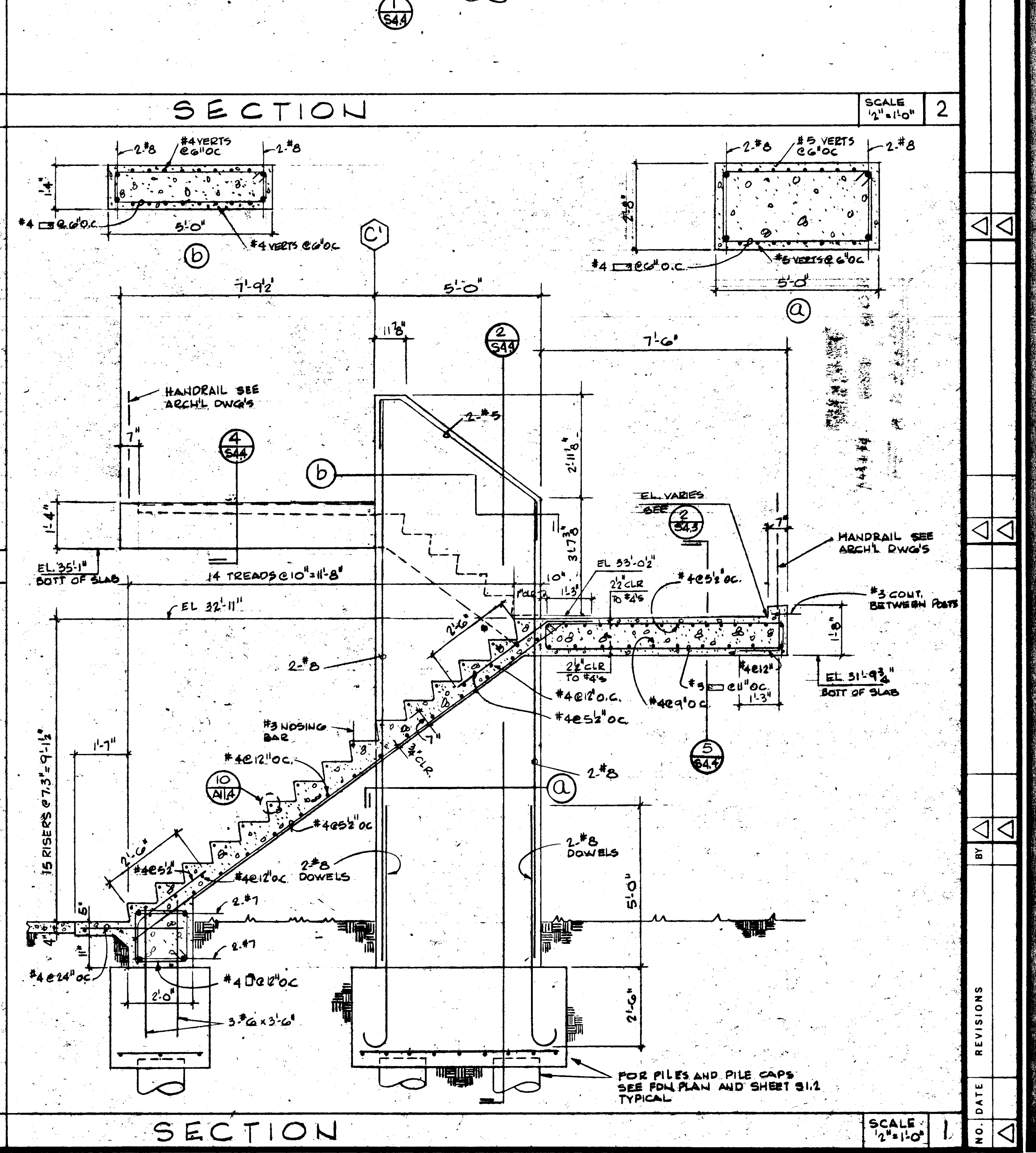
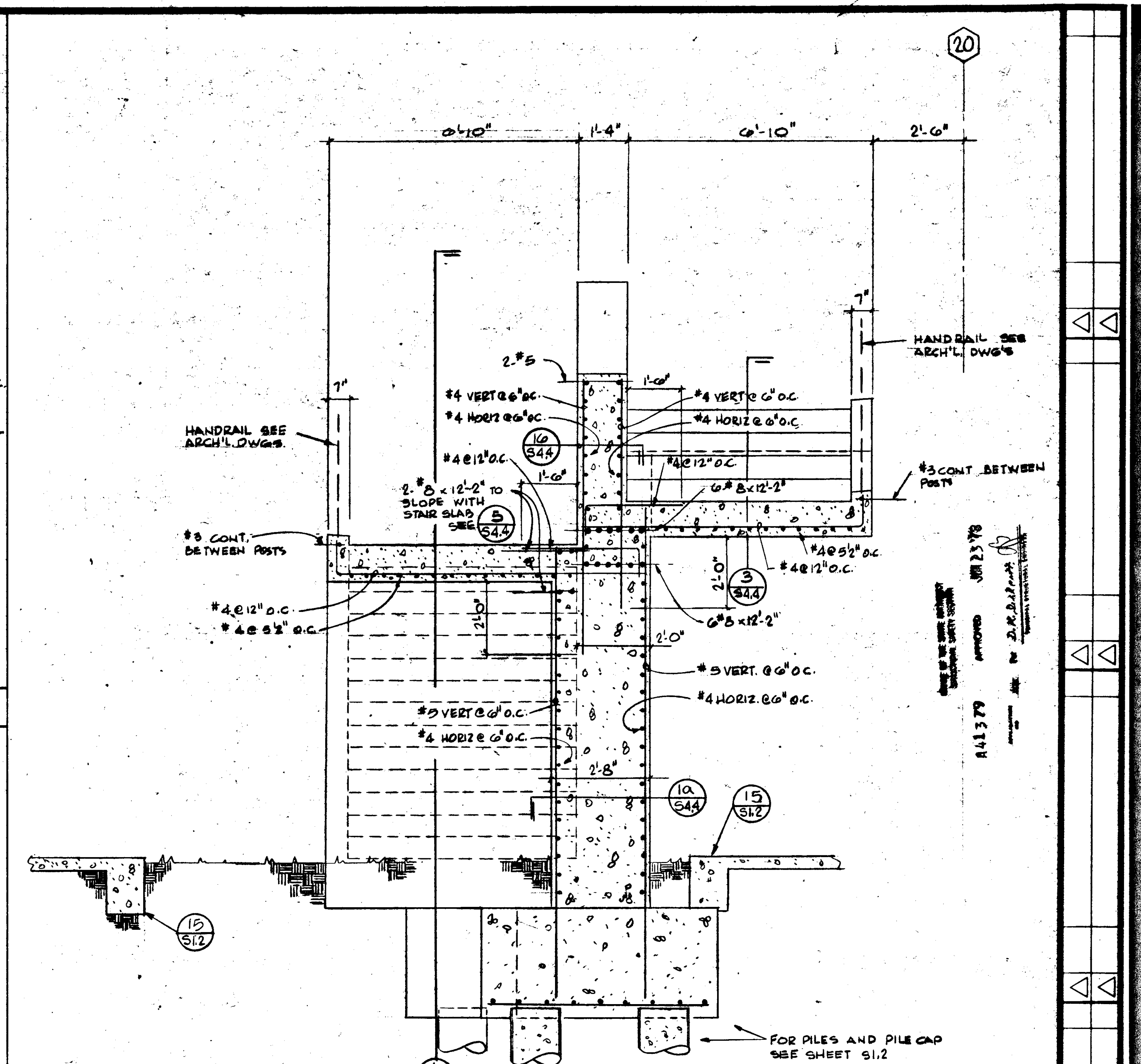
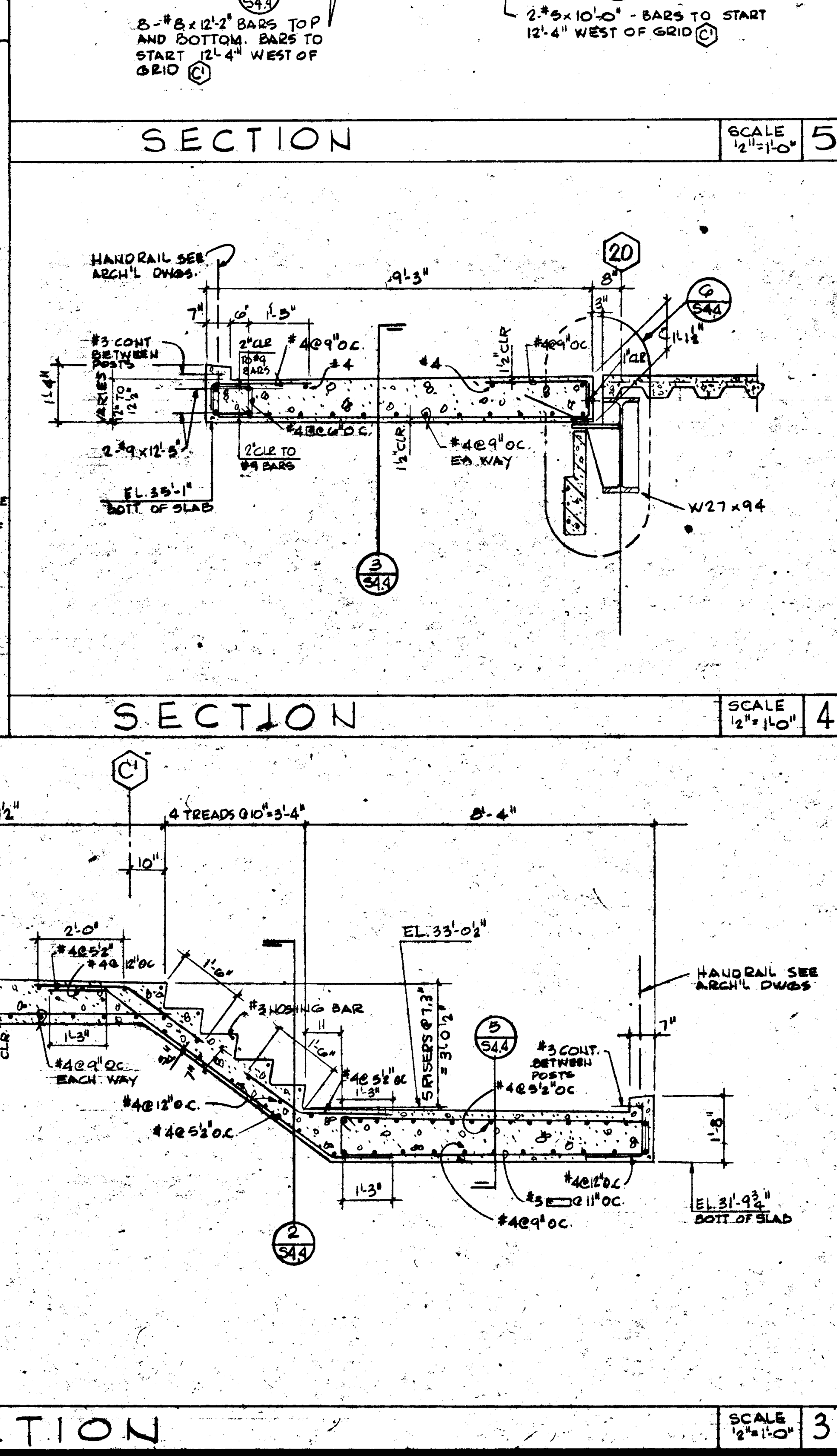
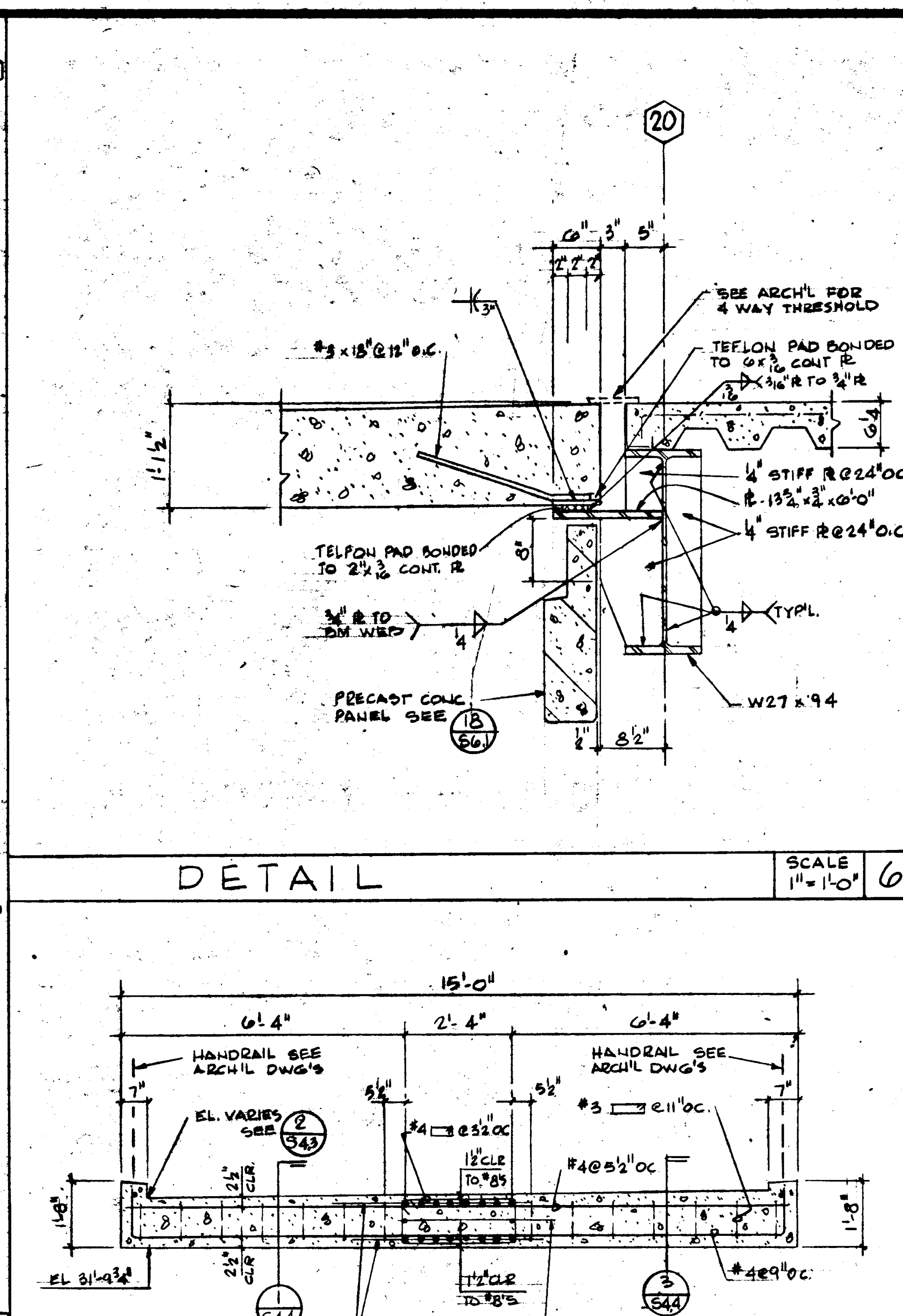
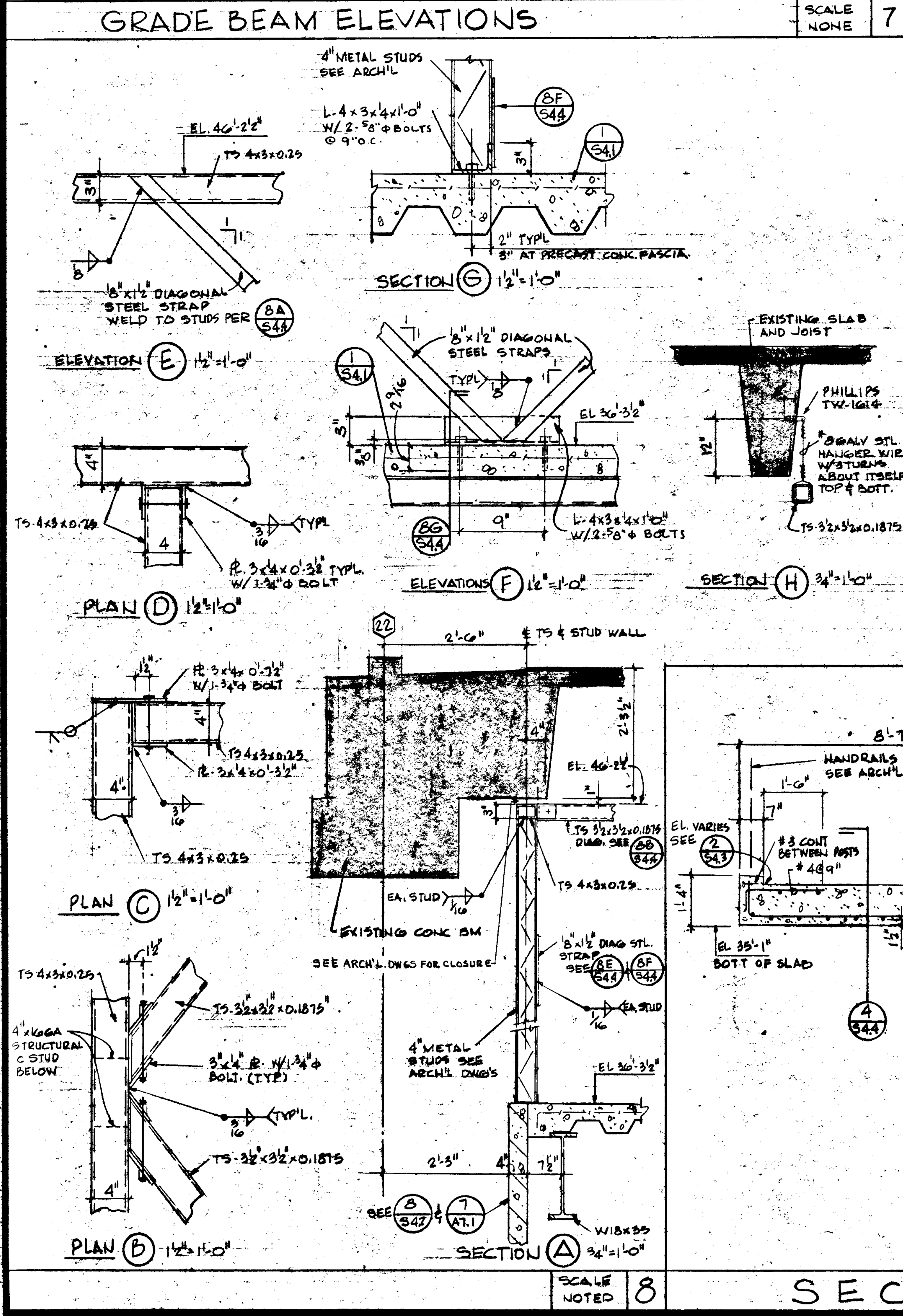
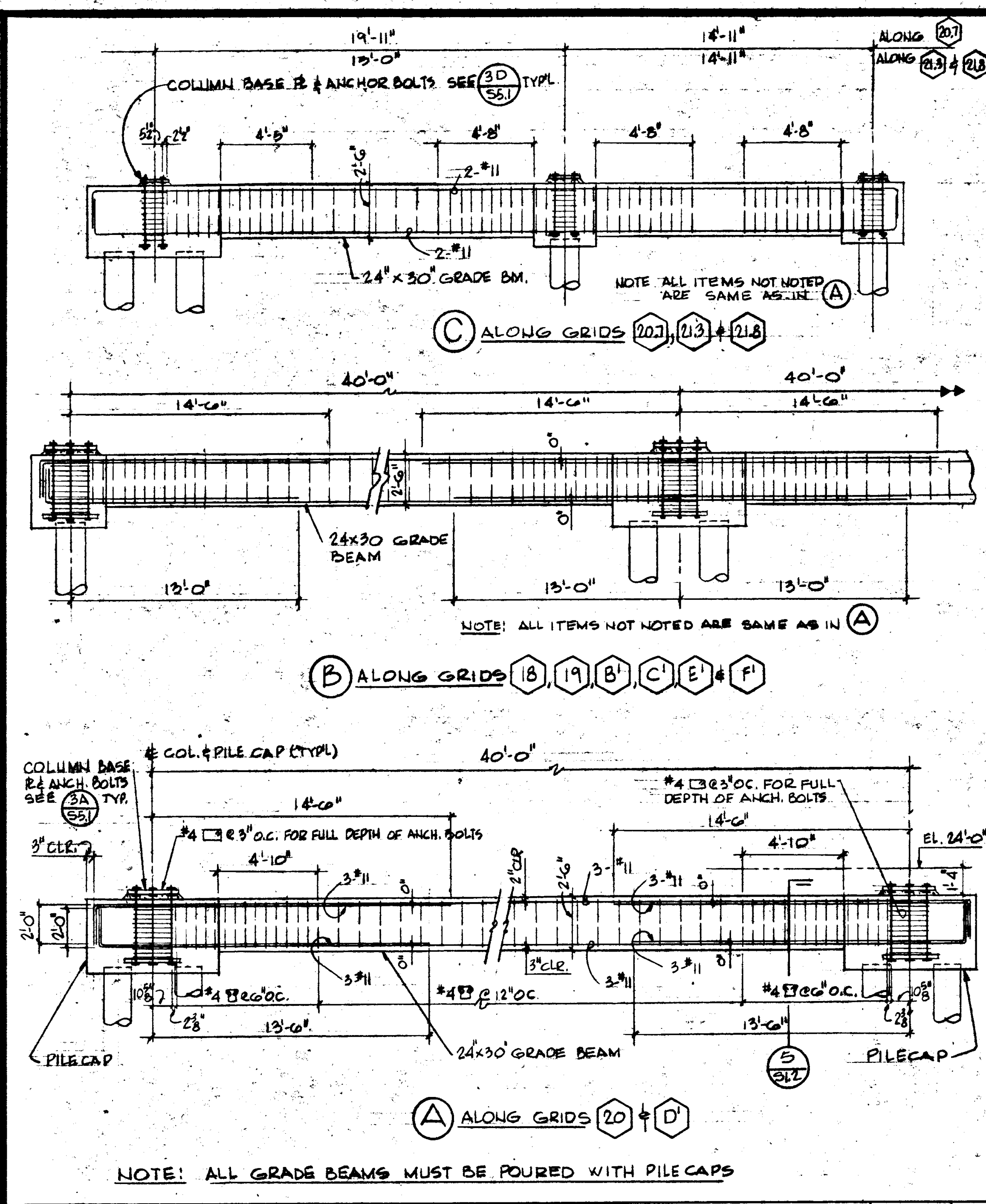
SECTIONS		EDUCATIONAL UNIT 2A	
GOLDEN WEST COLLEGE		WILLIAM L. PEREIRA ASSOCIATES	
HUNTINGTON BEACH, CALIFORNIA		PLANNERS-ARCHITECTS-ENGINEERS	
COAST COMMUNITY COLLEGE DISTRICT		URBAN SQUARE McARTHUR BLVD. AT FORD ROAD CORONA DEL MAR, CALIFORNIA 92625	
SCALE AS NOTED		710/644-0520	
ISSUE DATE	PROJECT NO.	SHEET NO.	
	79013.000	3-4.2	
SHEET 39 OF	CHECKED BY		ENGINEER
6/23/80	DRAWN BY		PROJECT DIRECTOR
	9CJ		
PROJECT NO.		PROJECT NO.	
BRANDOW & JOHNSON		BRANDOW & JOHNSON	
ARCHITECTS		ARCHITECTS	
J.L. HENSTLER AND ASSOCIATES		J.L. HENSTLER AND ASSOCIATES	
PLANNERS-ARCHITECTS-ENGINEERS		PLANNERS-ARCHITECTS-ENGINEERS	
ELECTRICAL ENGINEERS		ELECTRICAL ENGINEERS	
CIVIL ENGINEERS		CIVIL ENGINEERS	
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STRUCTURAL ENGINEERS		STRUCTURAL ENGINEERS	
LANDSCAPE ARCHITECTS		LANDSCAPE ARCHITECTS	
CIVIL ENGINEERS		CIVIL ENGINEERS	





<b>WILLIAM L. PEREIRA ASSOCIATES</b> PLANNERS-ARCHITECTS-ENGINEERS URBANUS SQUARE MARATHON BLVD. AT FORD ROAD CORONA DEL MAR, CALIFORNIA 92625	
PROJECT NO. 76013.000 SHEET NO. 3-4.3 SHEET 40 OF 40	DATE 6/23/78





WILLIAM L. PEREIRA ASSOCIATES  
PLANNERS-ARCHITECTS-ENGINEERS

EDUCATIONAL UNIT 2A  
GOLDEN WEST COLLEGE  
HUNTINGTON BEACH, CALIFORNIA  
COAST COMMUNITY COLLEGE DISTRICT

SECTIONS

SCALE NOTED

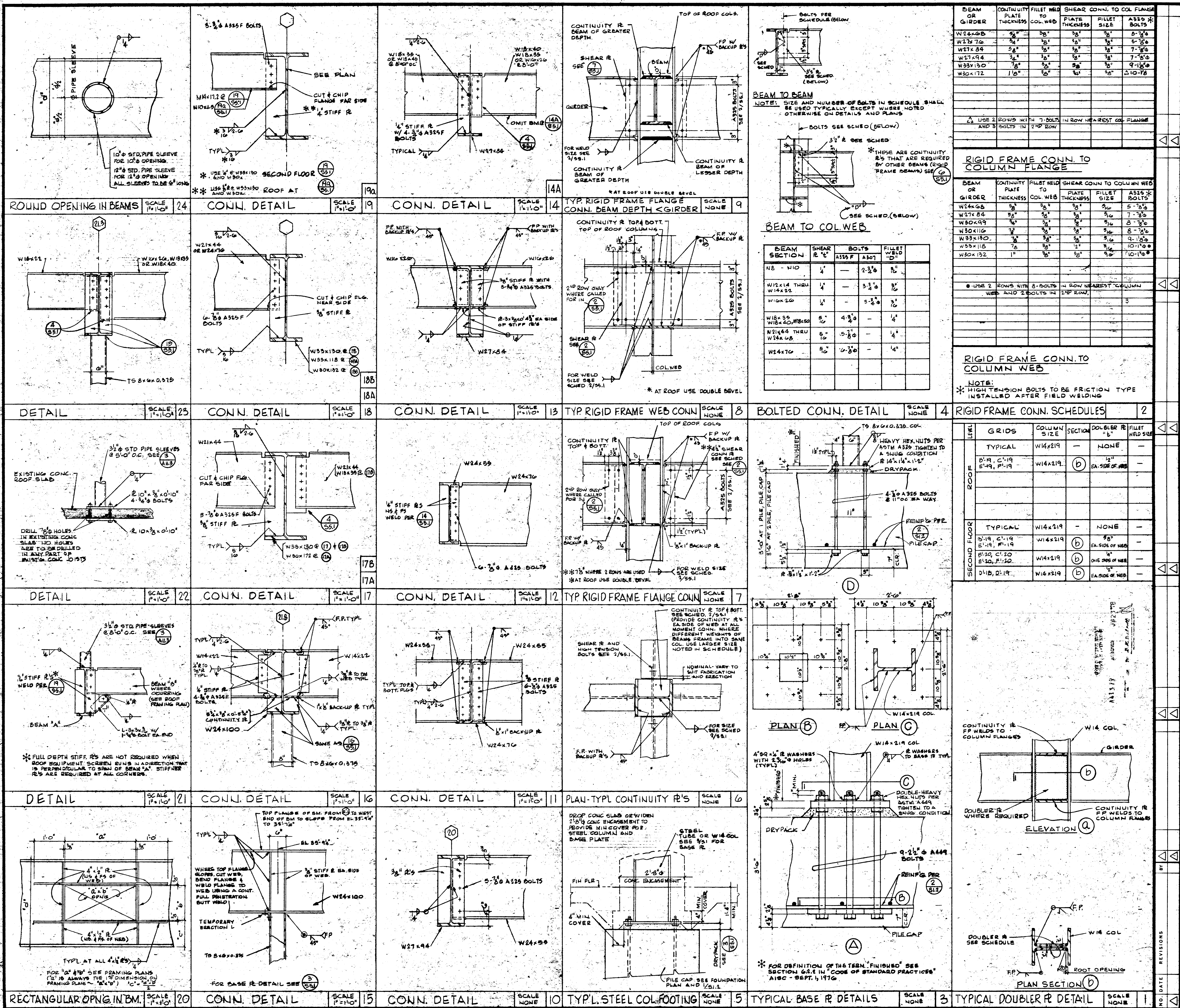
PROJECT NO. 76013.000

SHEET NO. 5-4.4

SHEET 41 OF 41

6/23/15





**WILLIAM L. PEREIRA ASSOCIATES**  
PLANNERS-ARCHITECTS-ENGINEERS  
URBAN SQUARE MARTIN BLVD. AT FORD ROAD  
CORONA DEL MAR, CALIFORNIA 92625  
714-644-0020

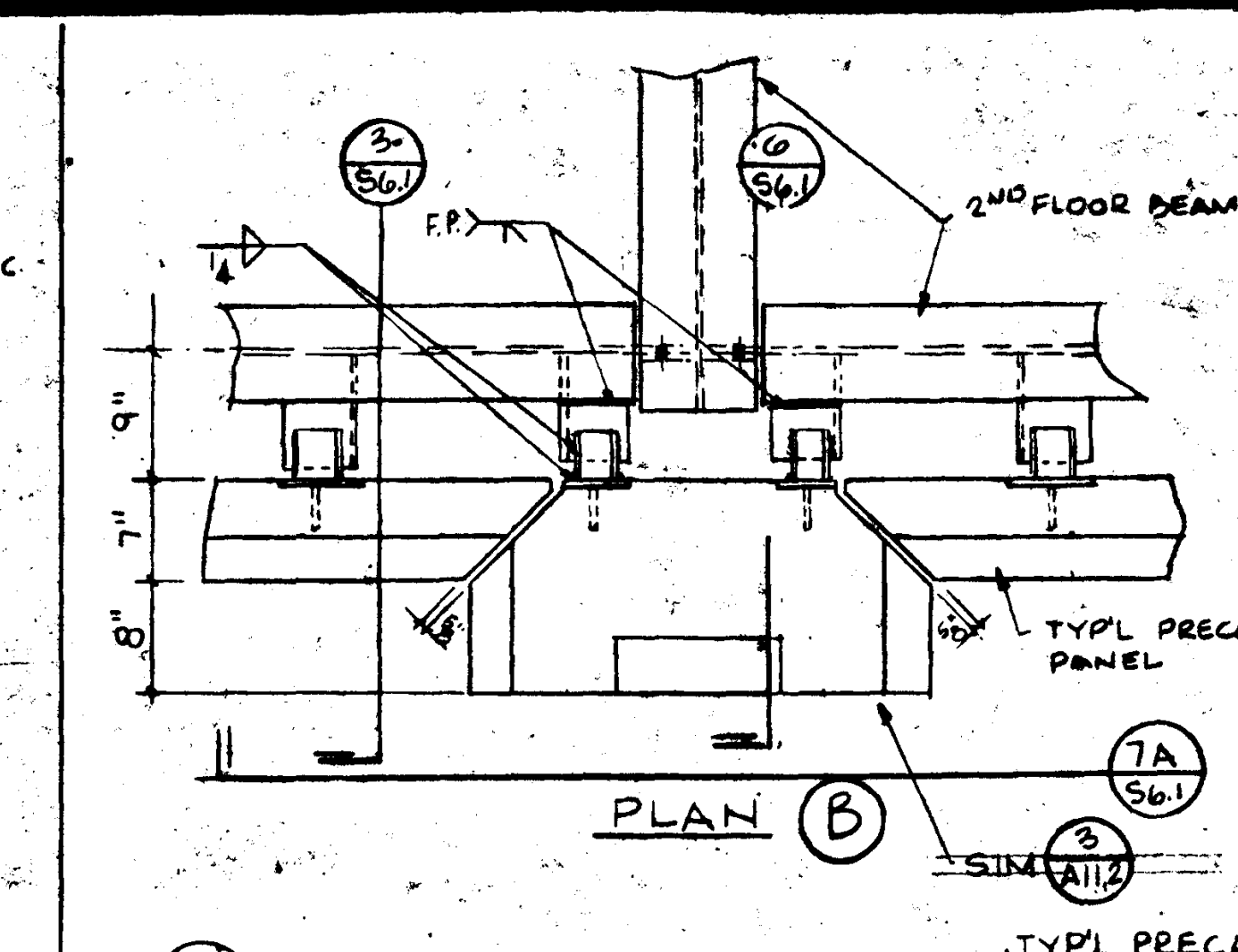
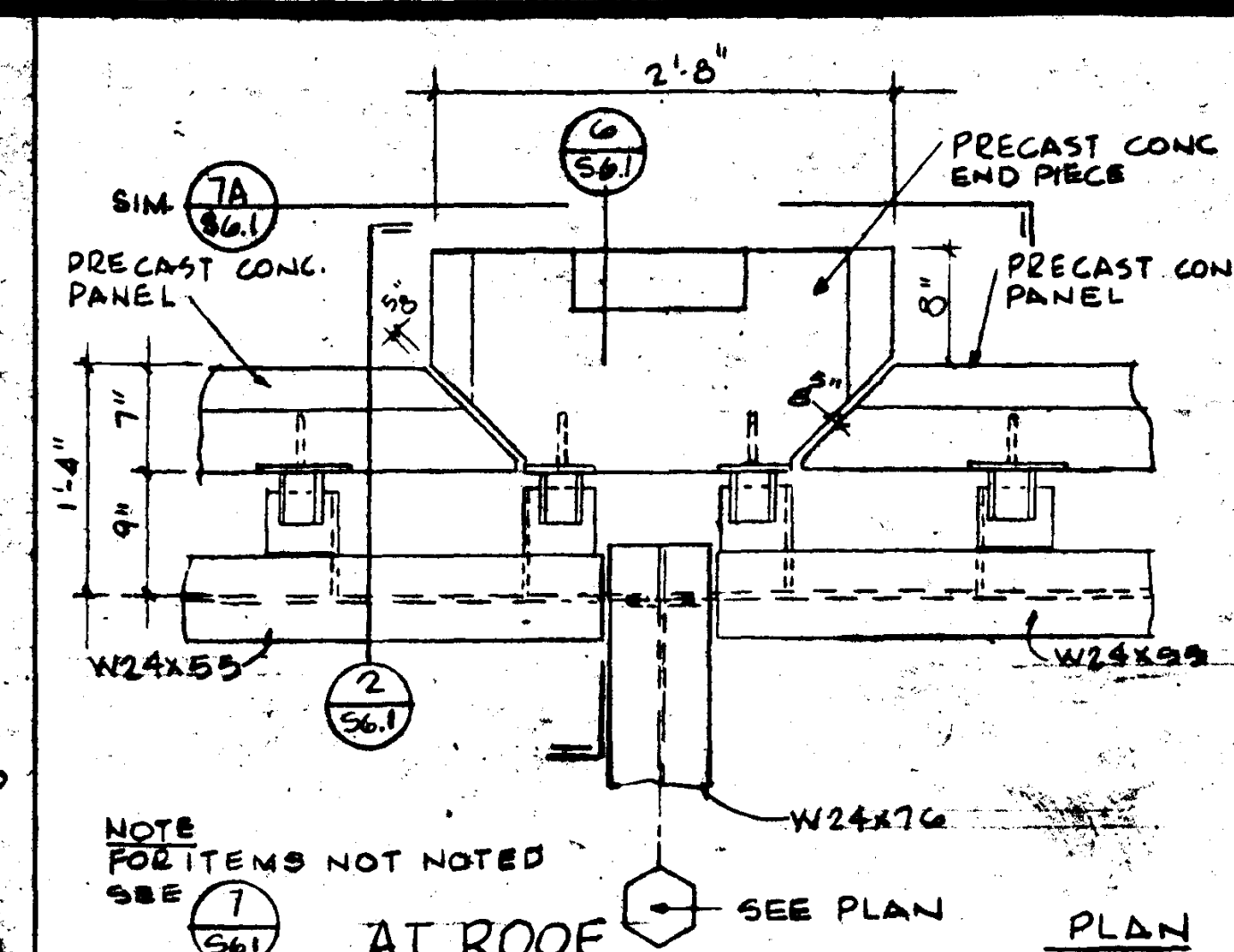
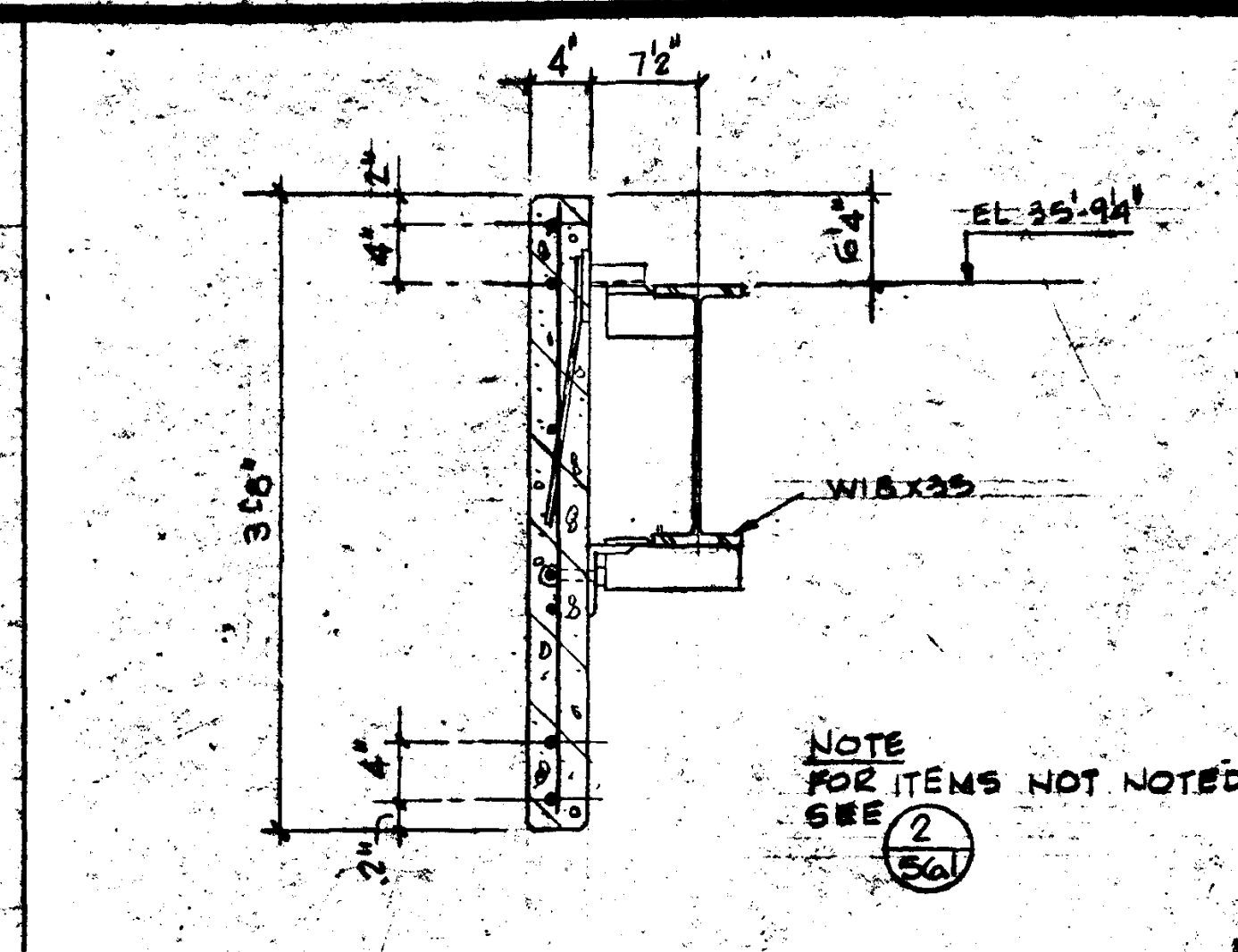
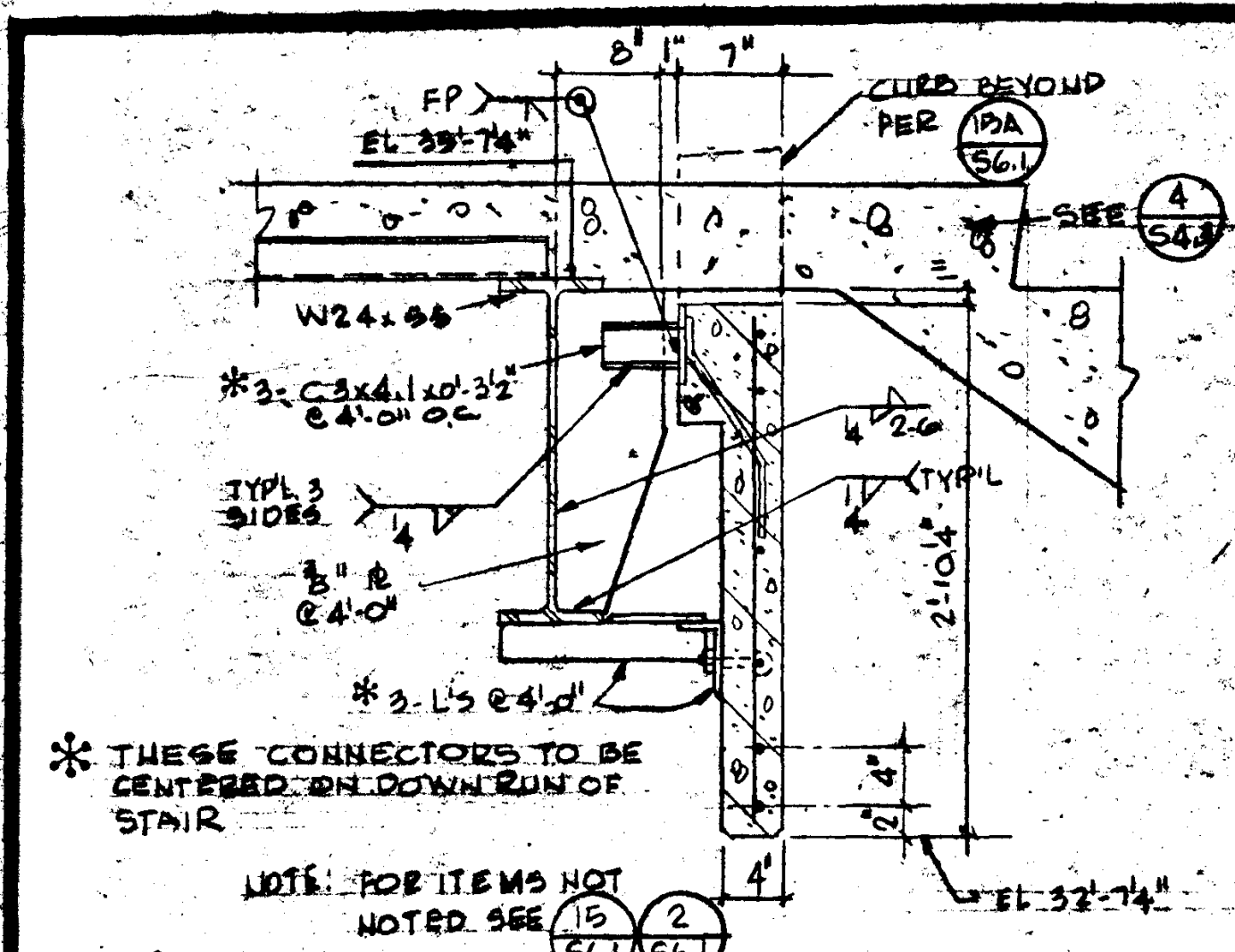
**EDUCATIONAL UNIT 2A**  
**GOLDEN WEST COLLEGE**  
HUNTINGTON BEACH, CALIFORNIA  
COAST COMMUNITY COLLEGE DISTRICT

**STEEL DETAILS**

ISSUE DATE: PROJECT NO. 76013000 SHEET NO. 3-5.1 SHEET 42 OF 42

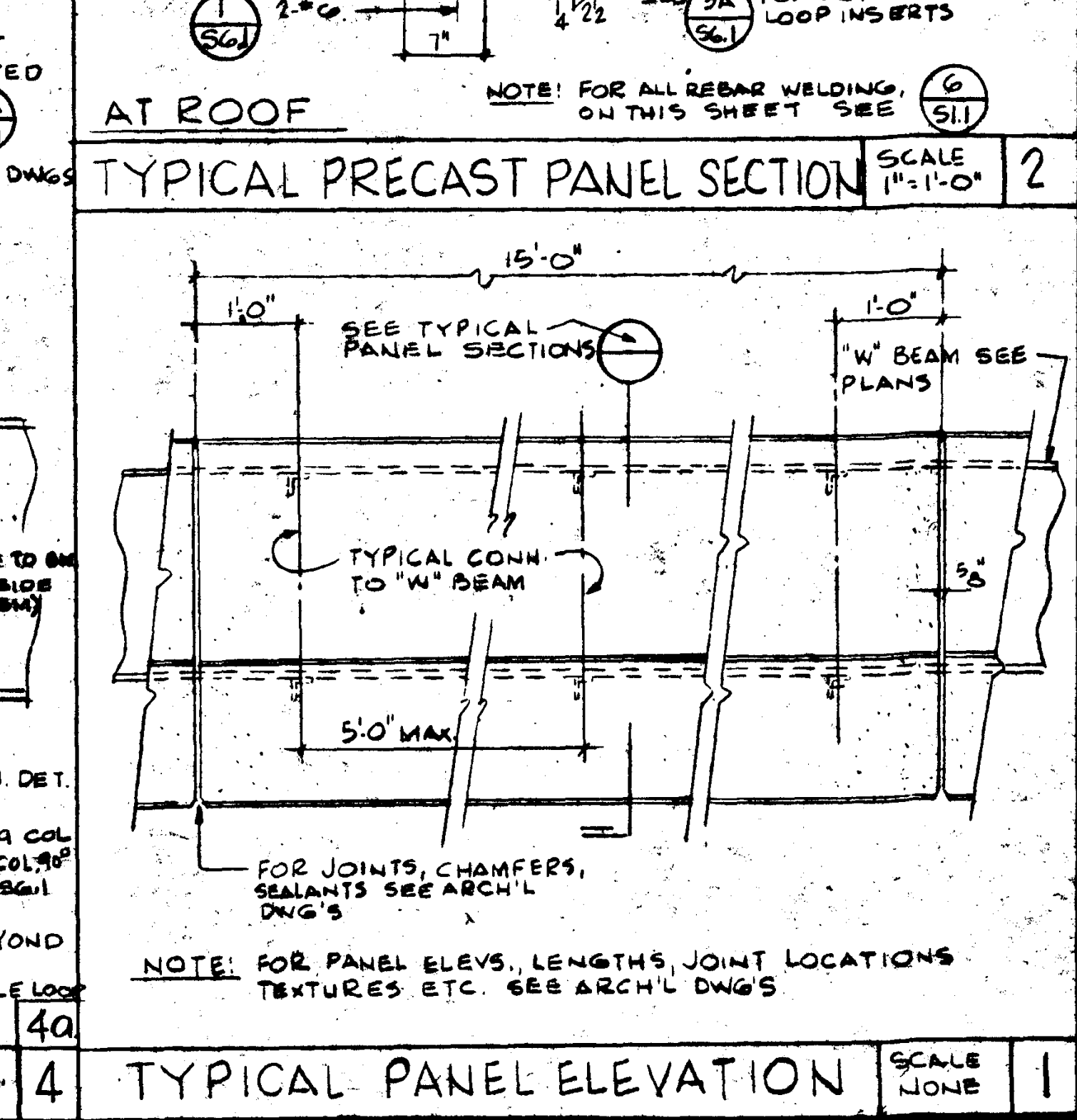
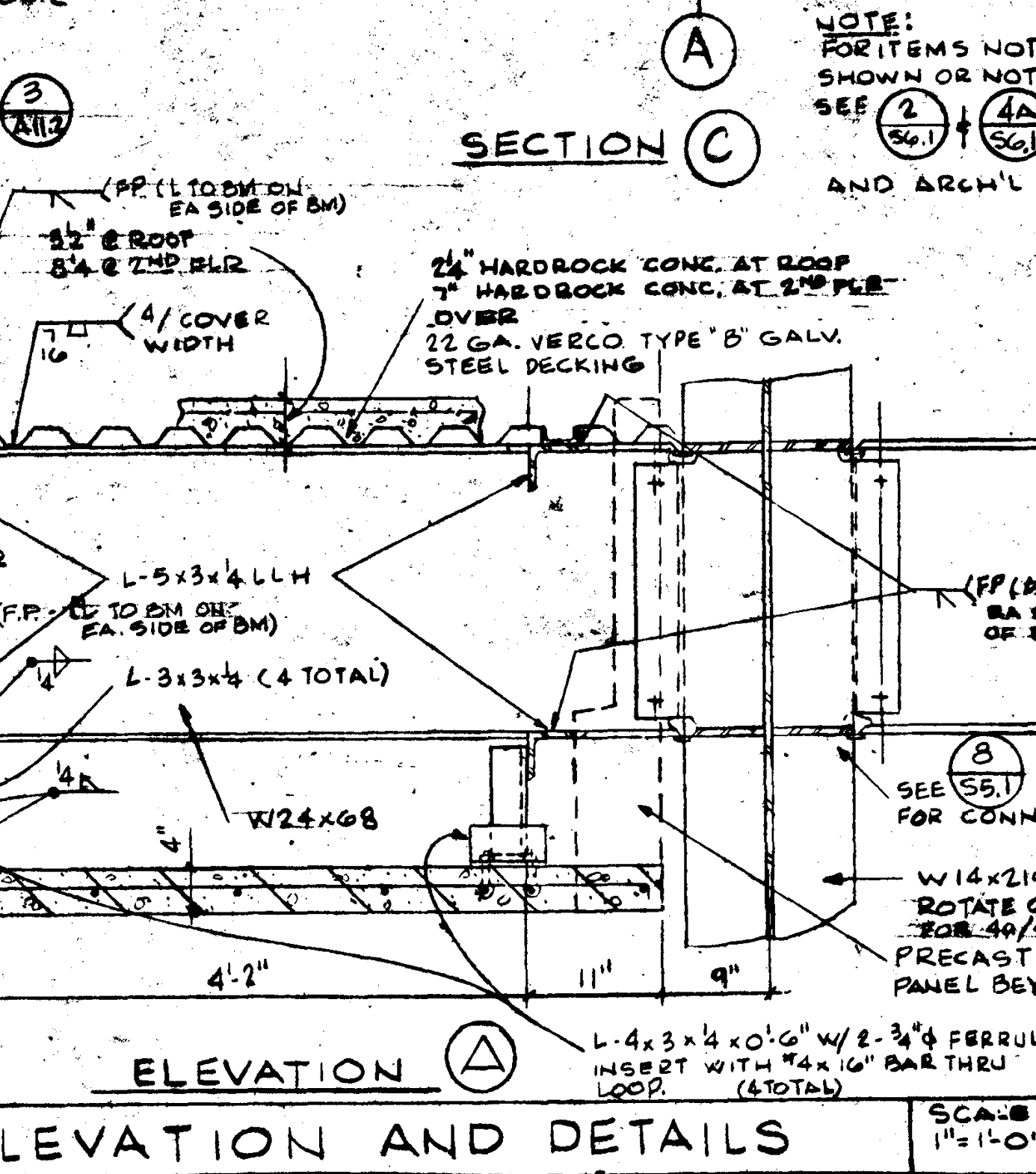
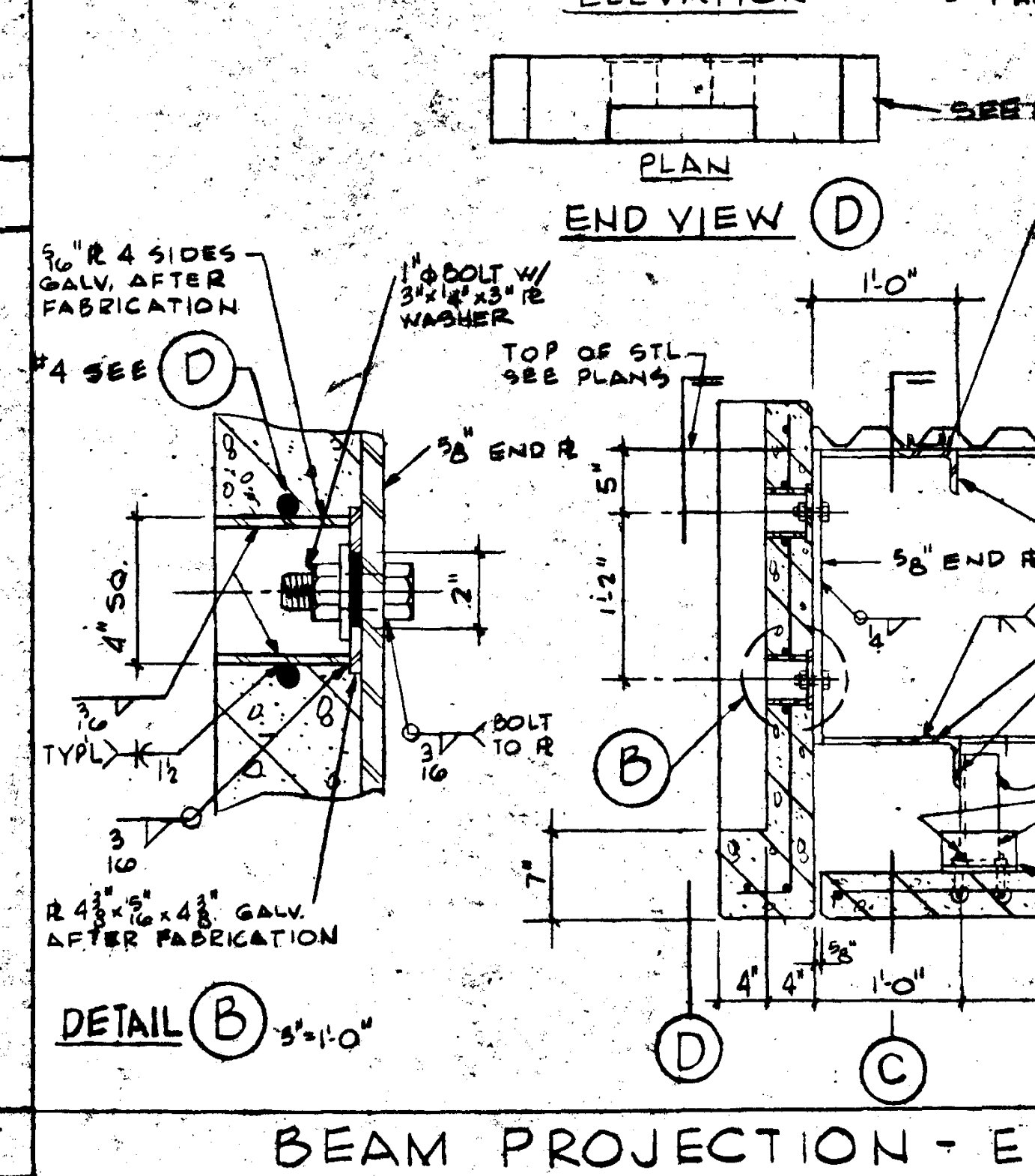
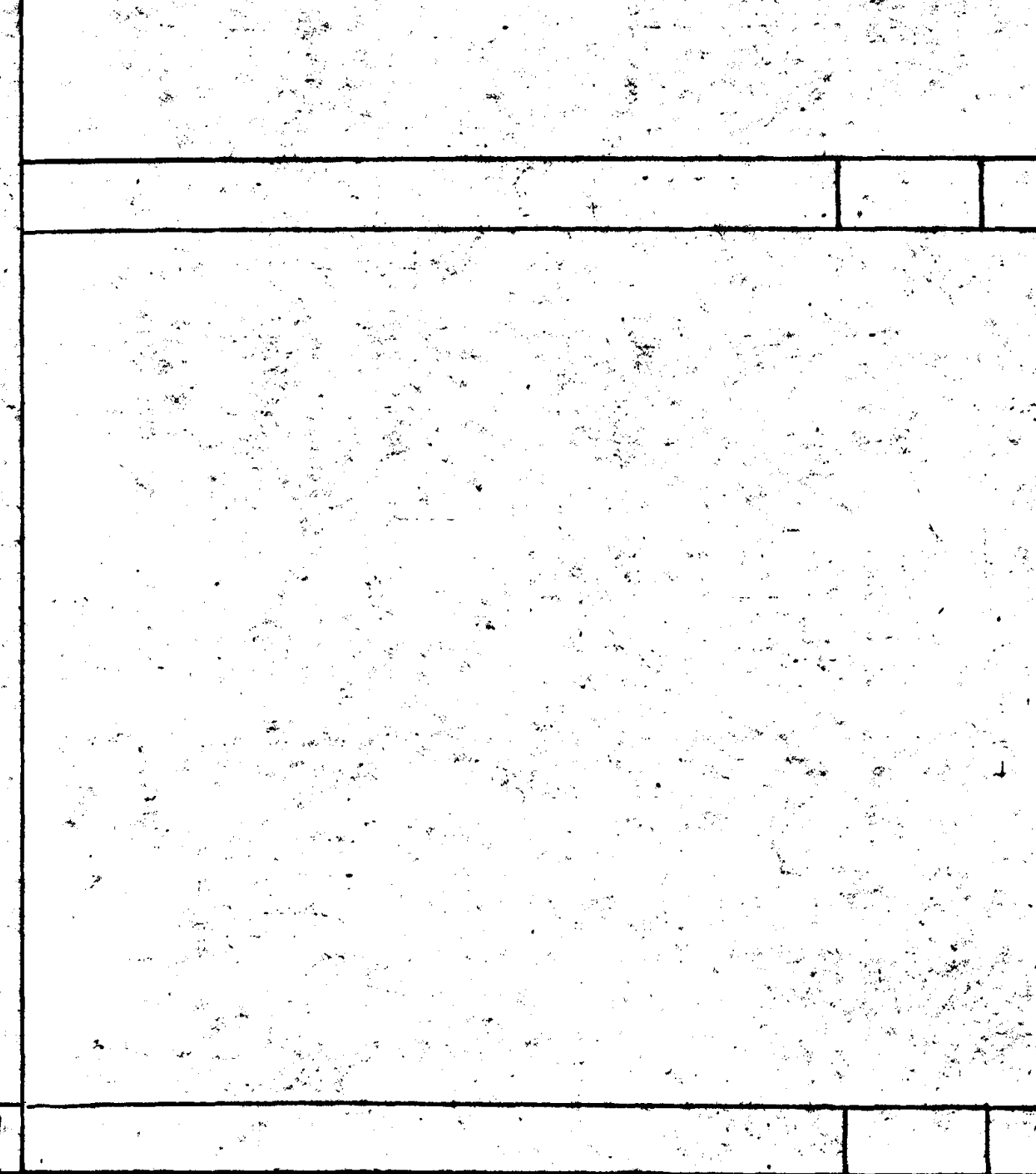
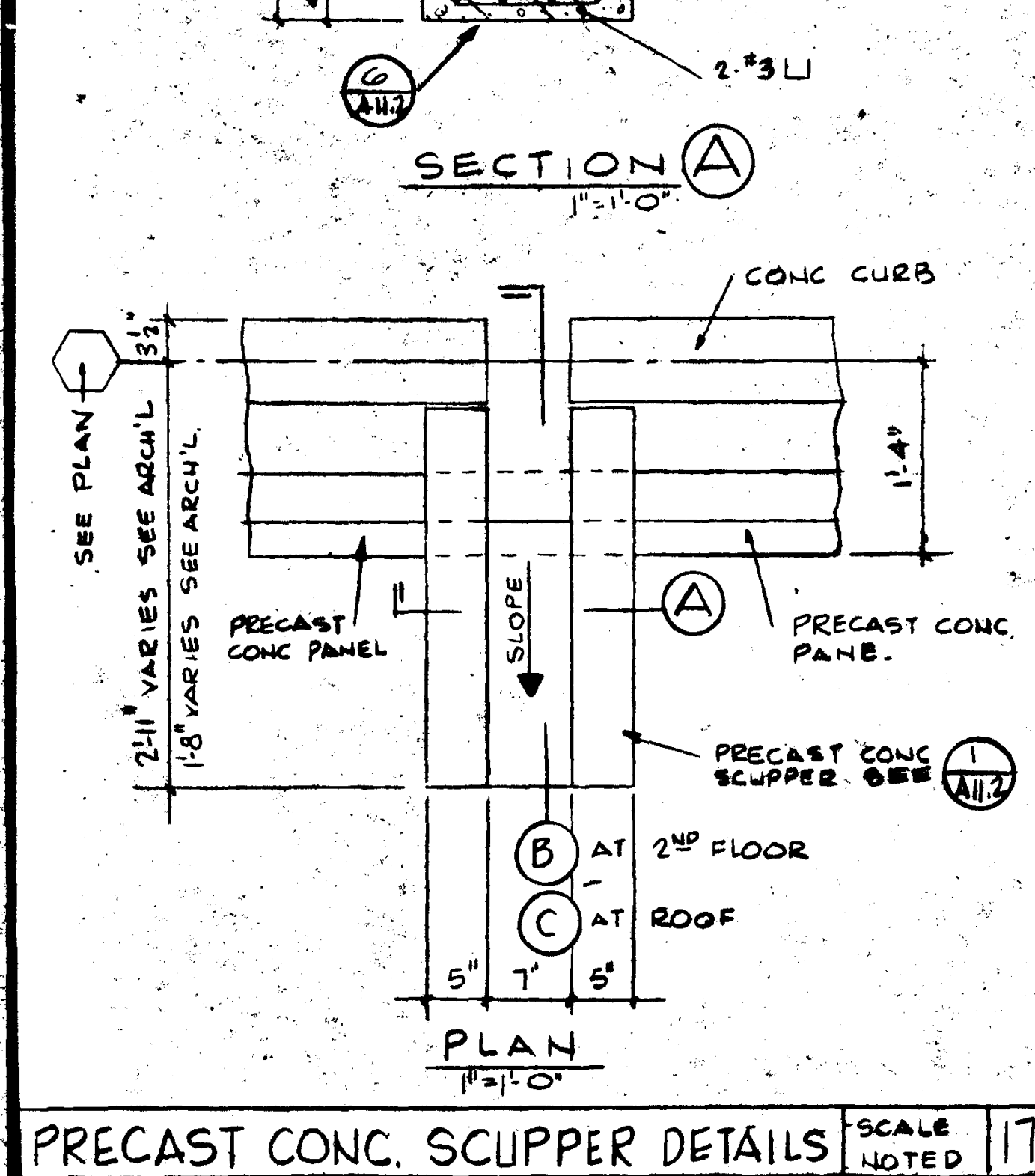
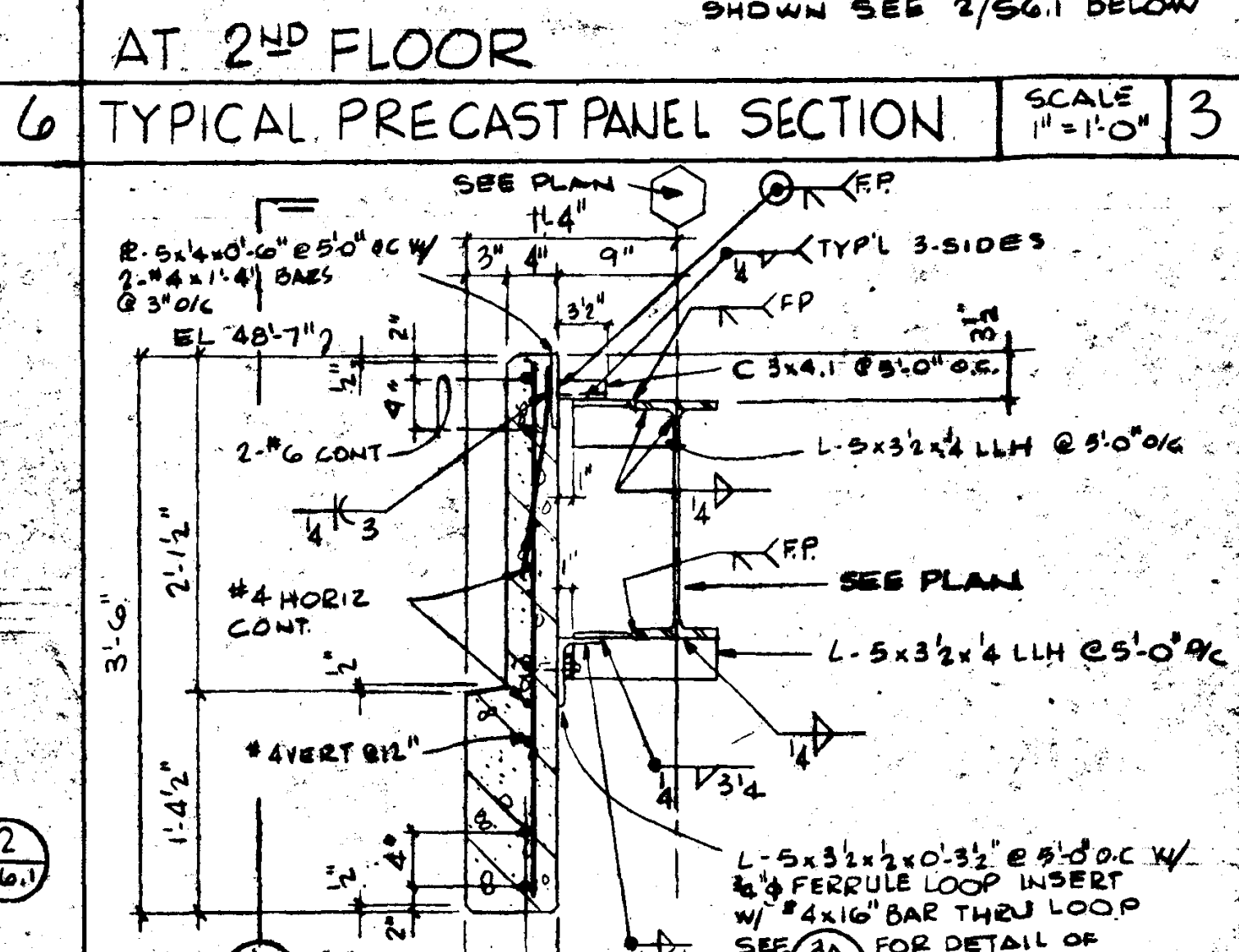
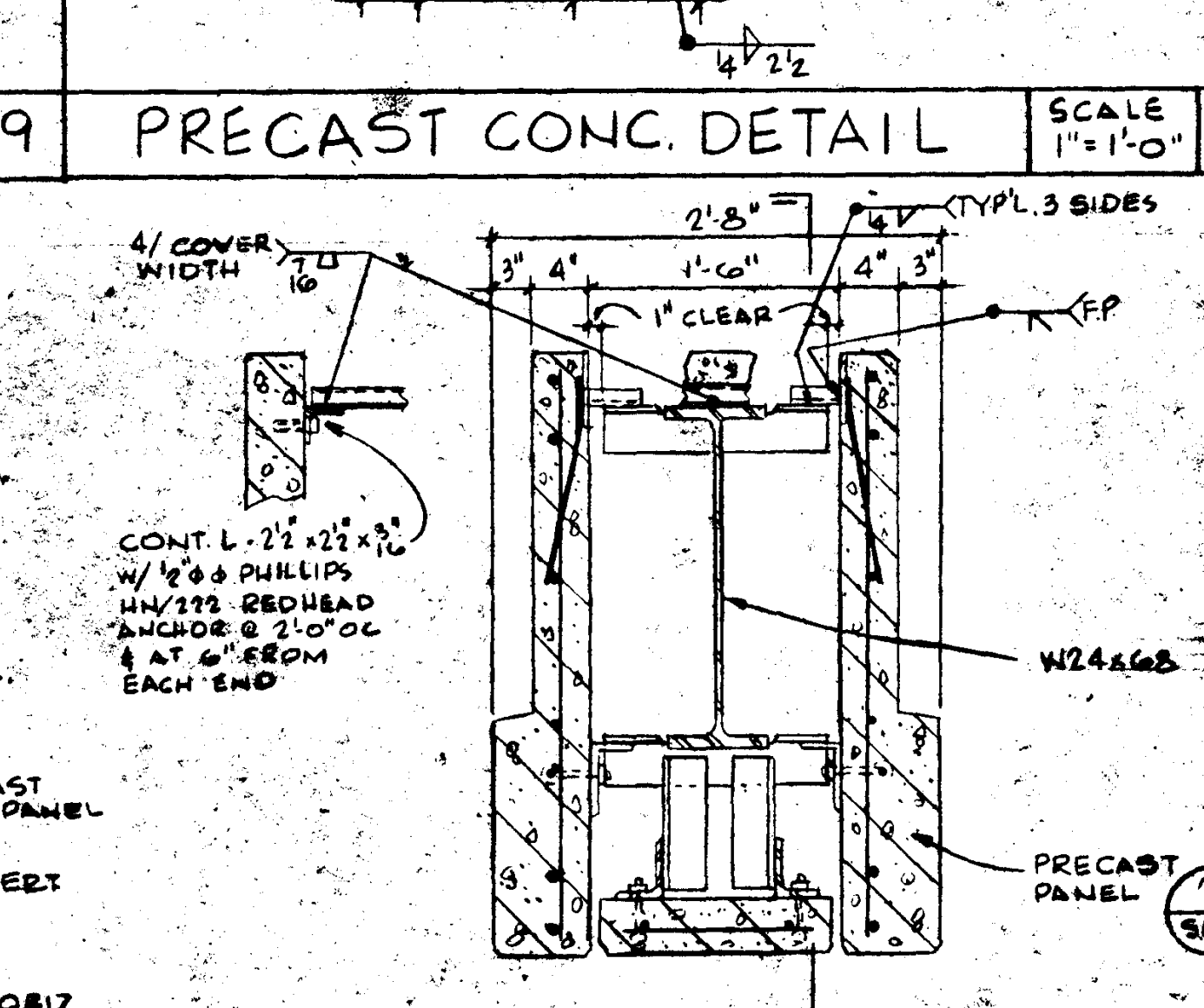
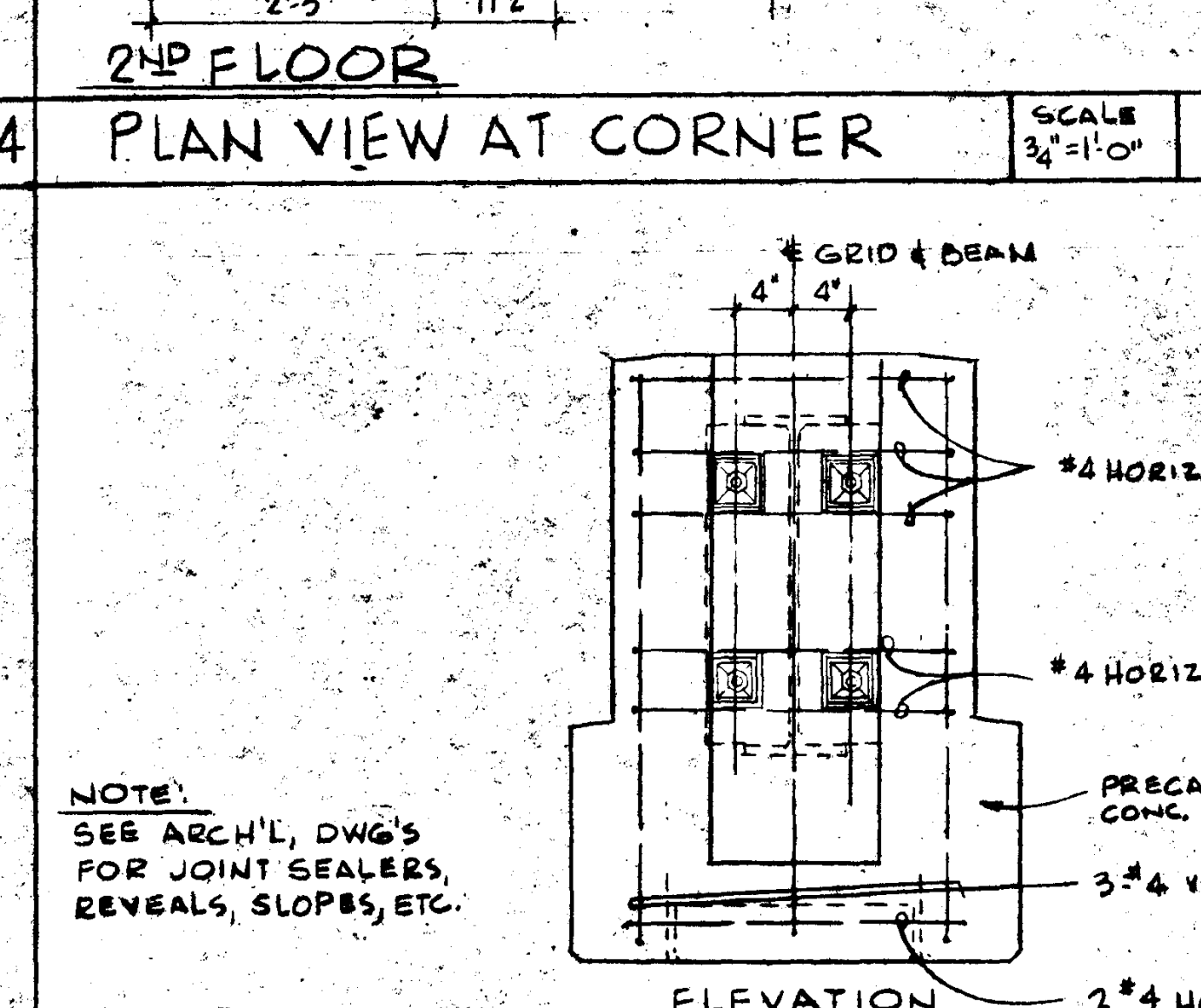
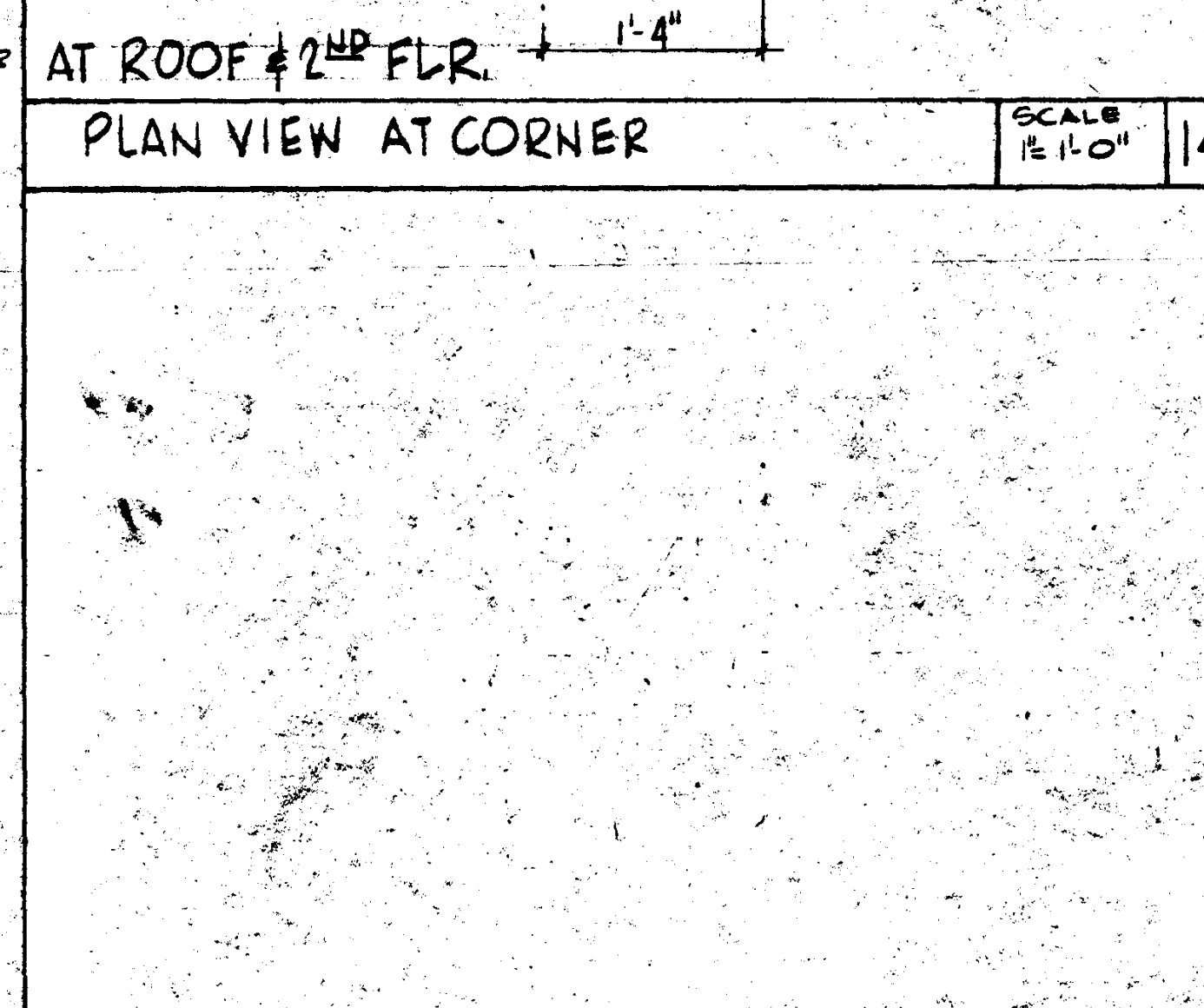
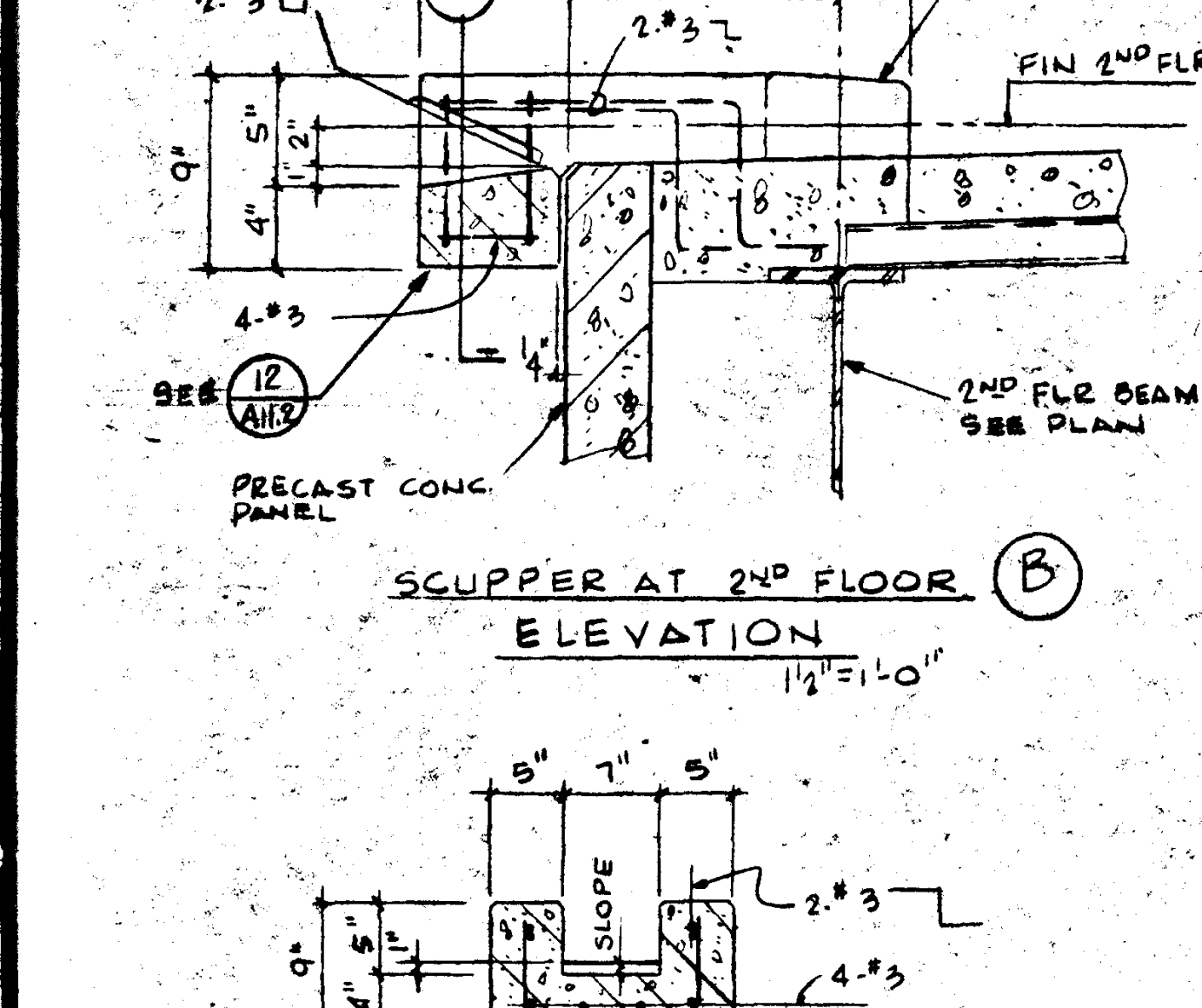
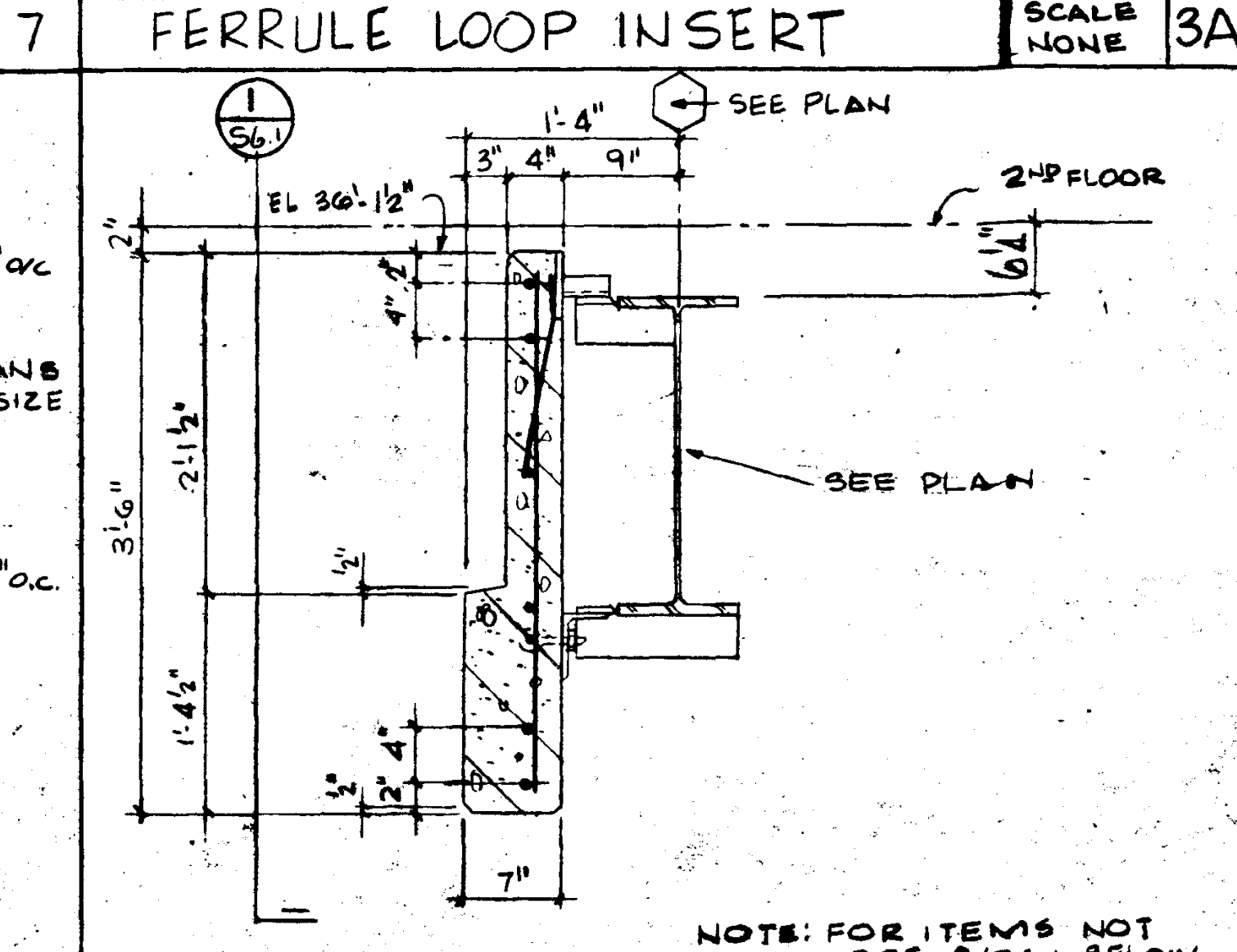
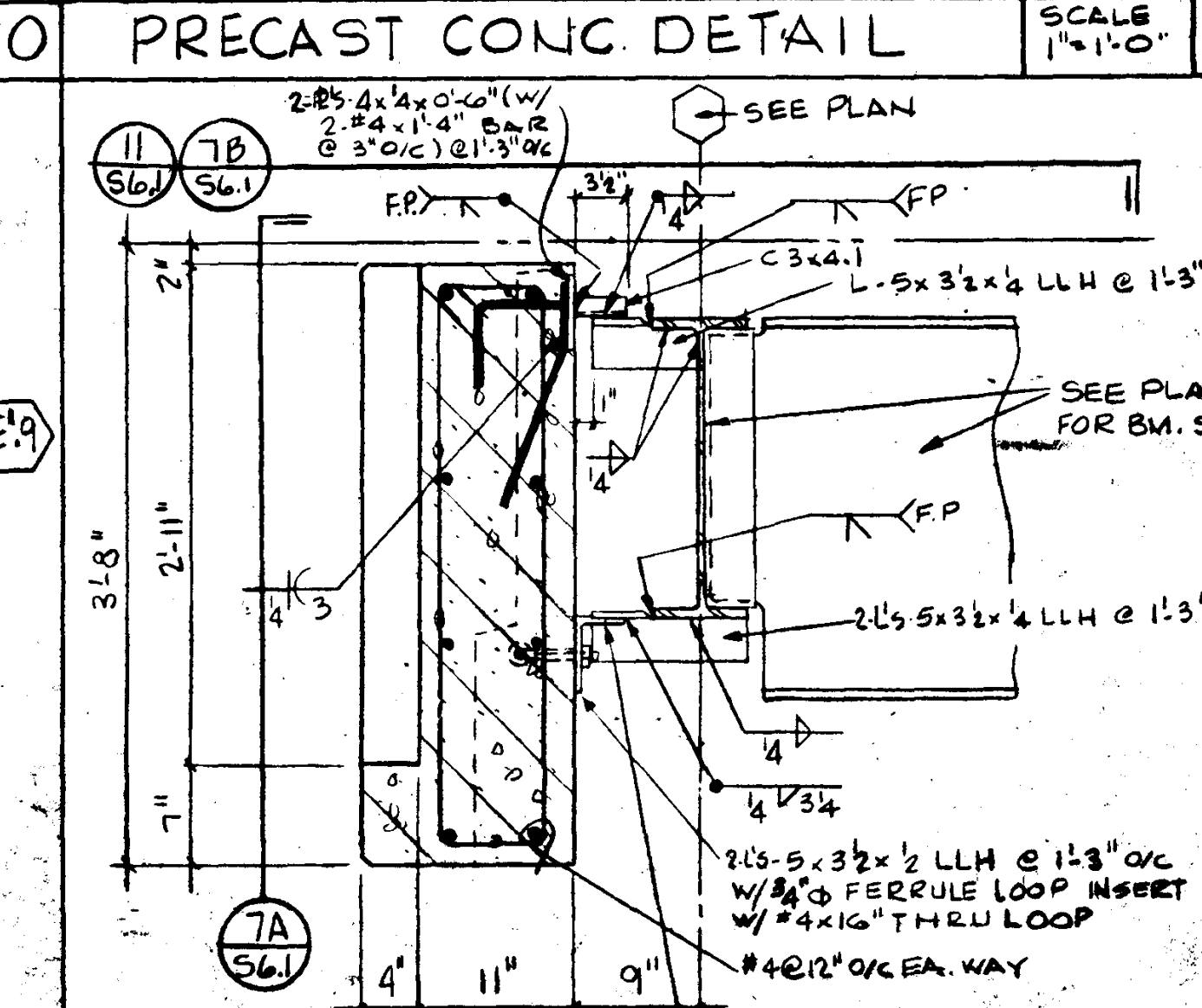
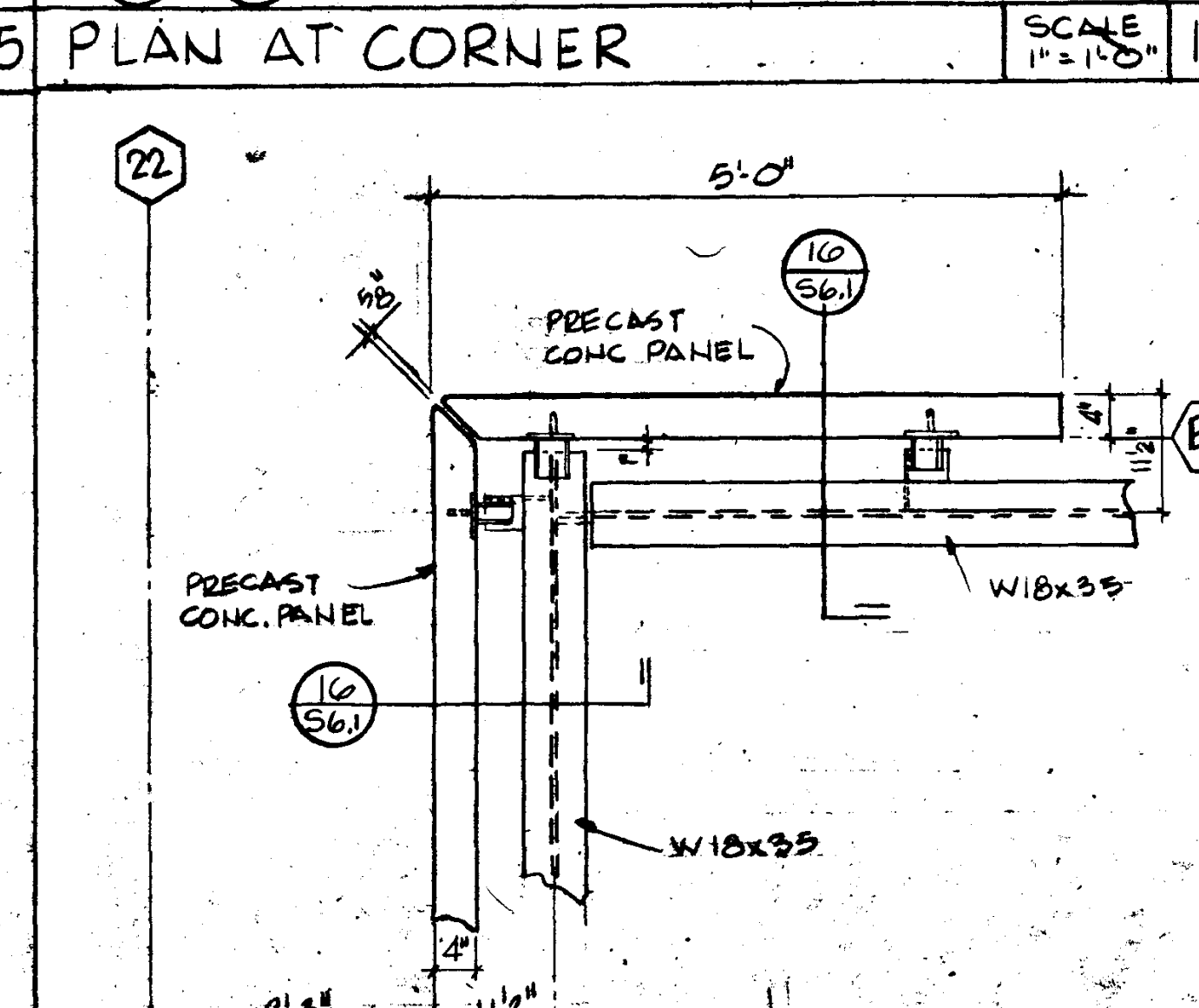
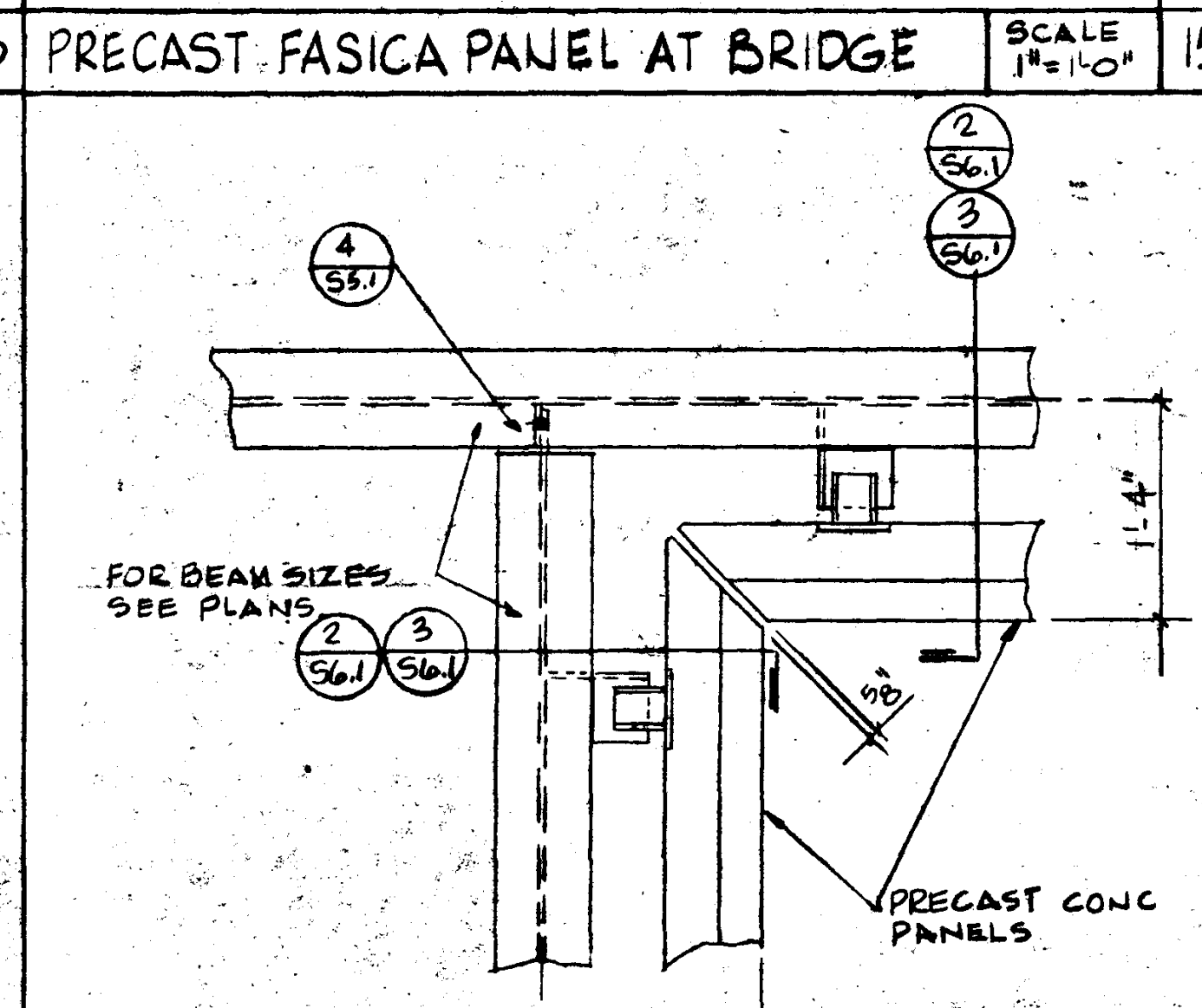
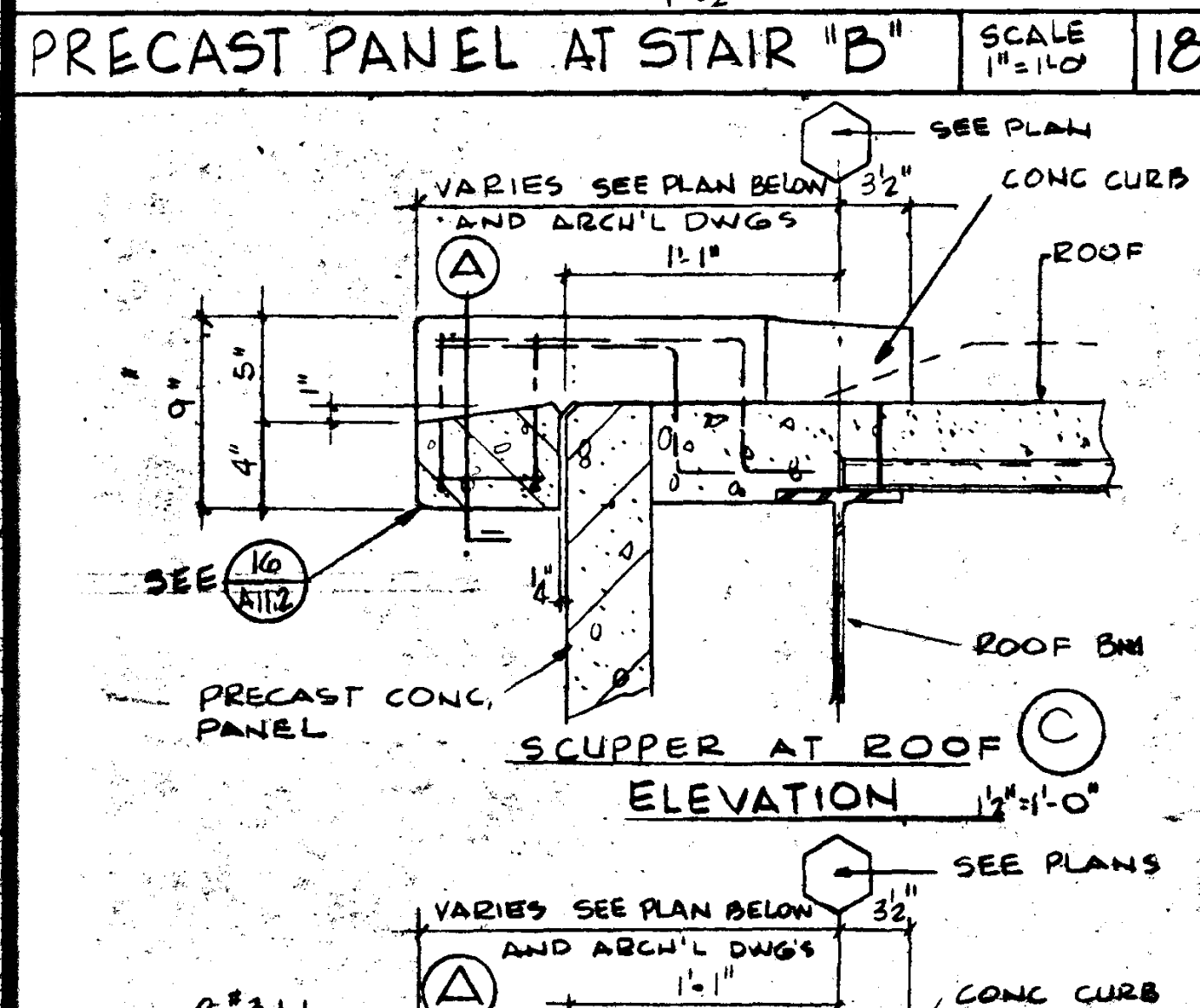
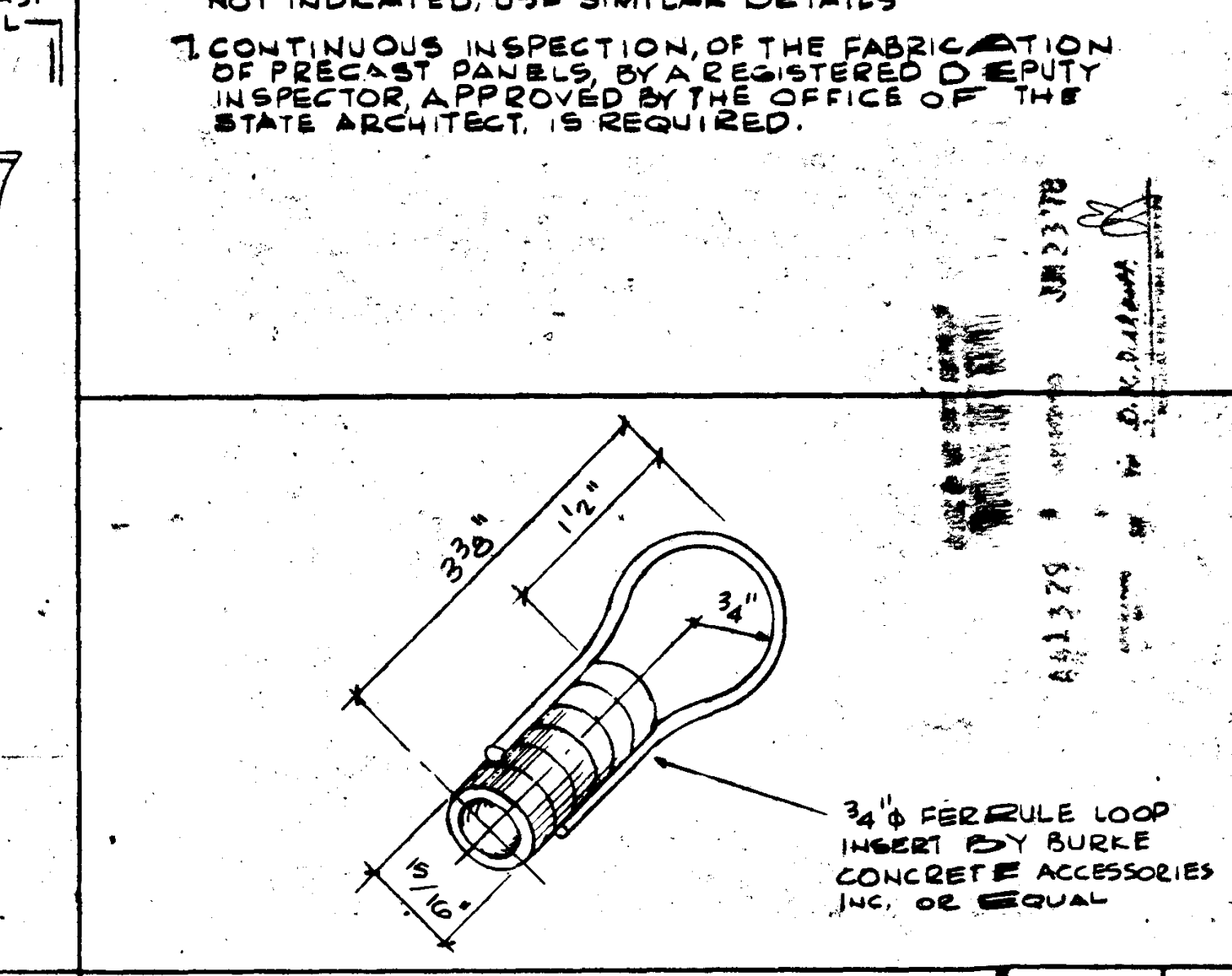
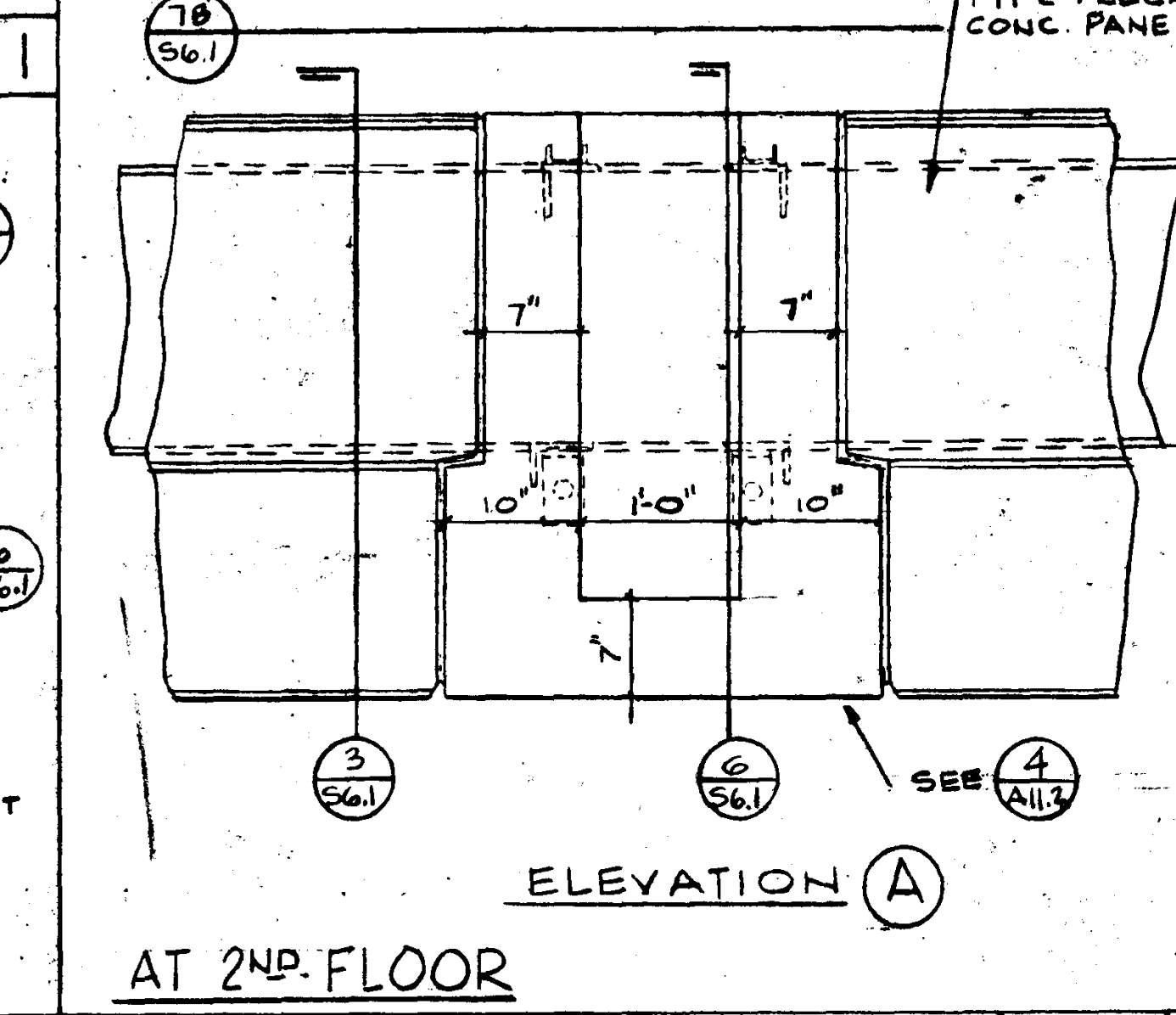
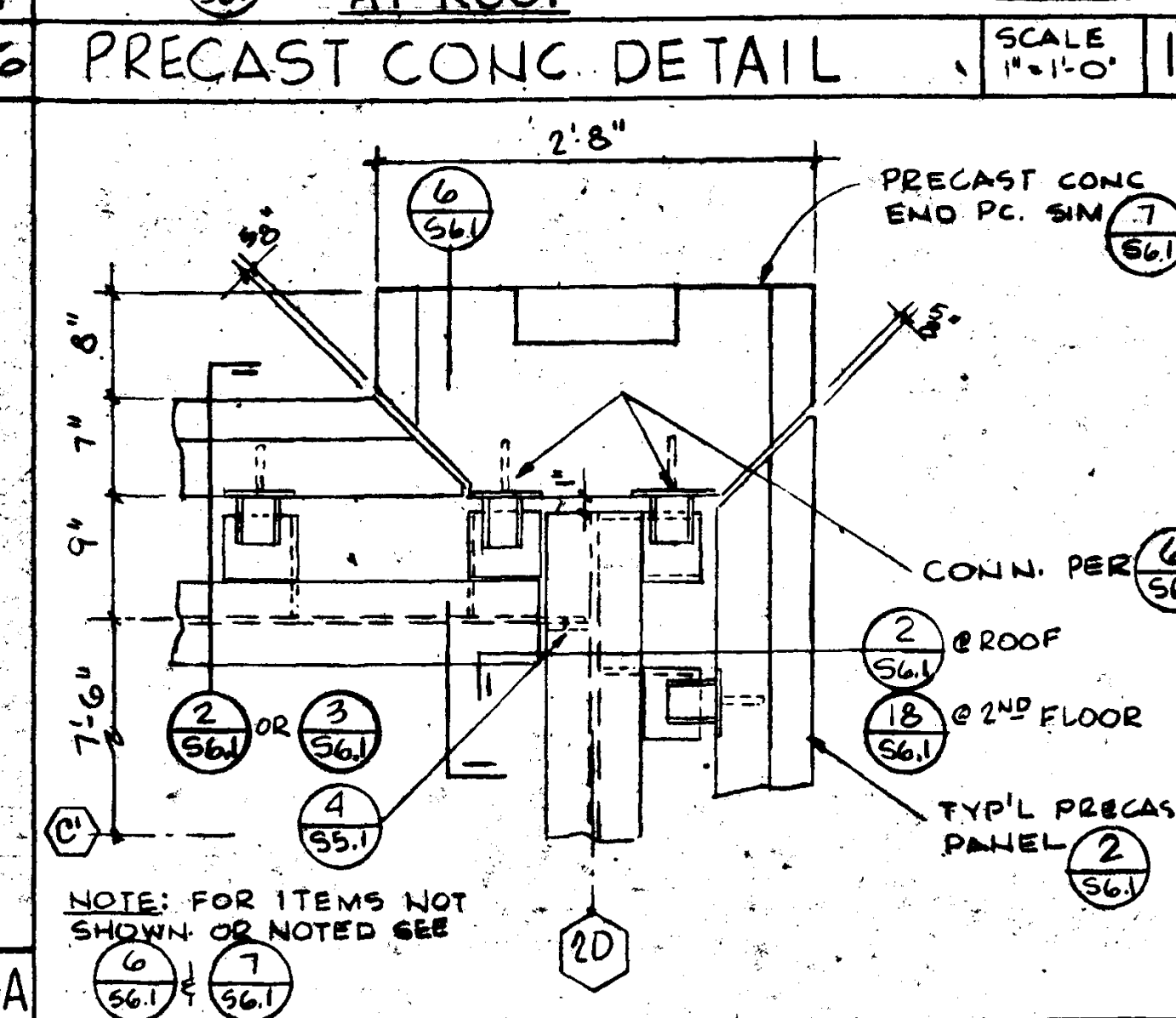
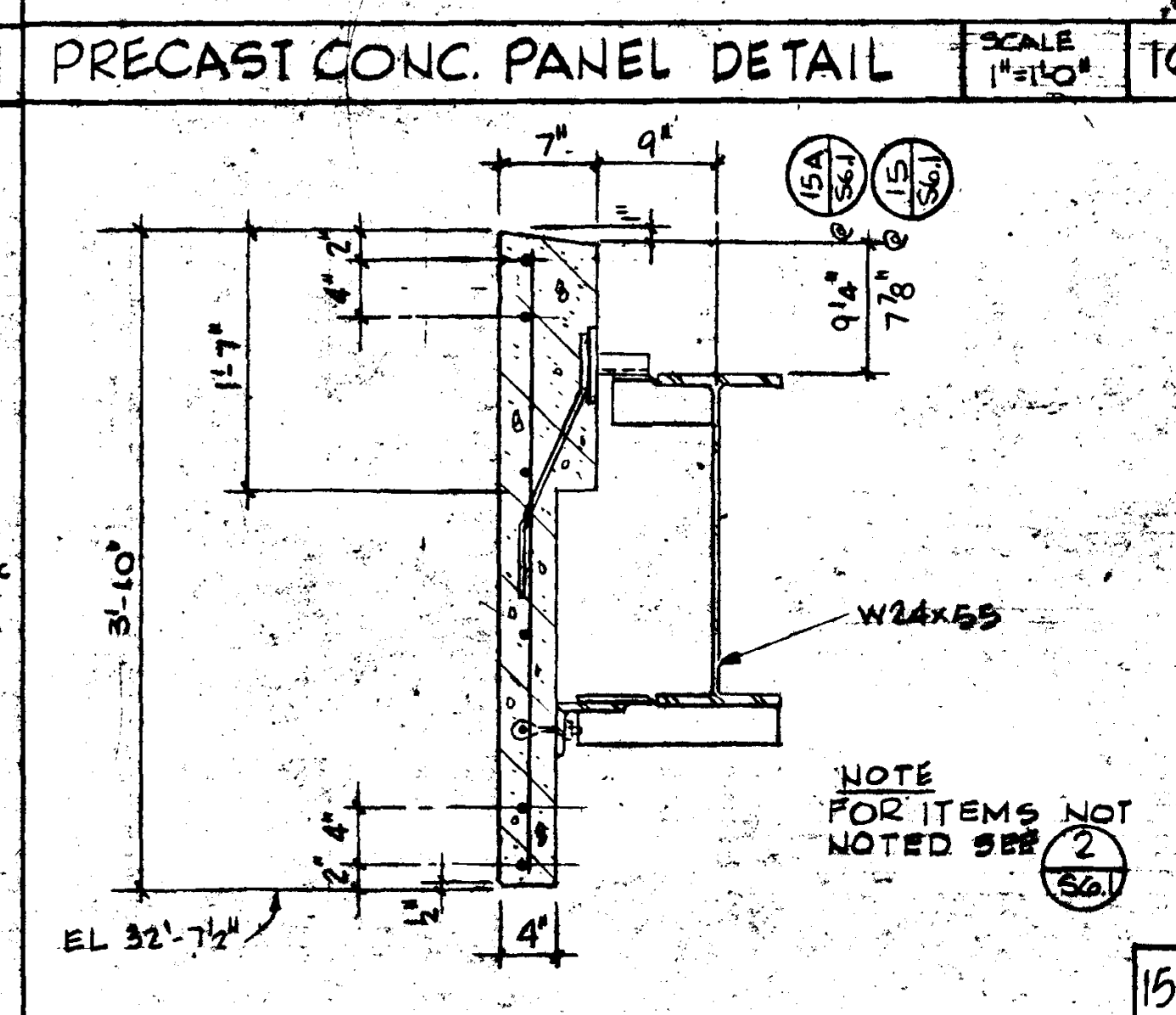
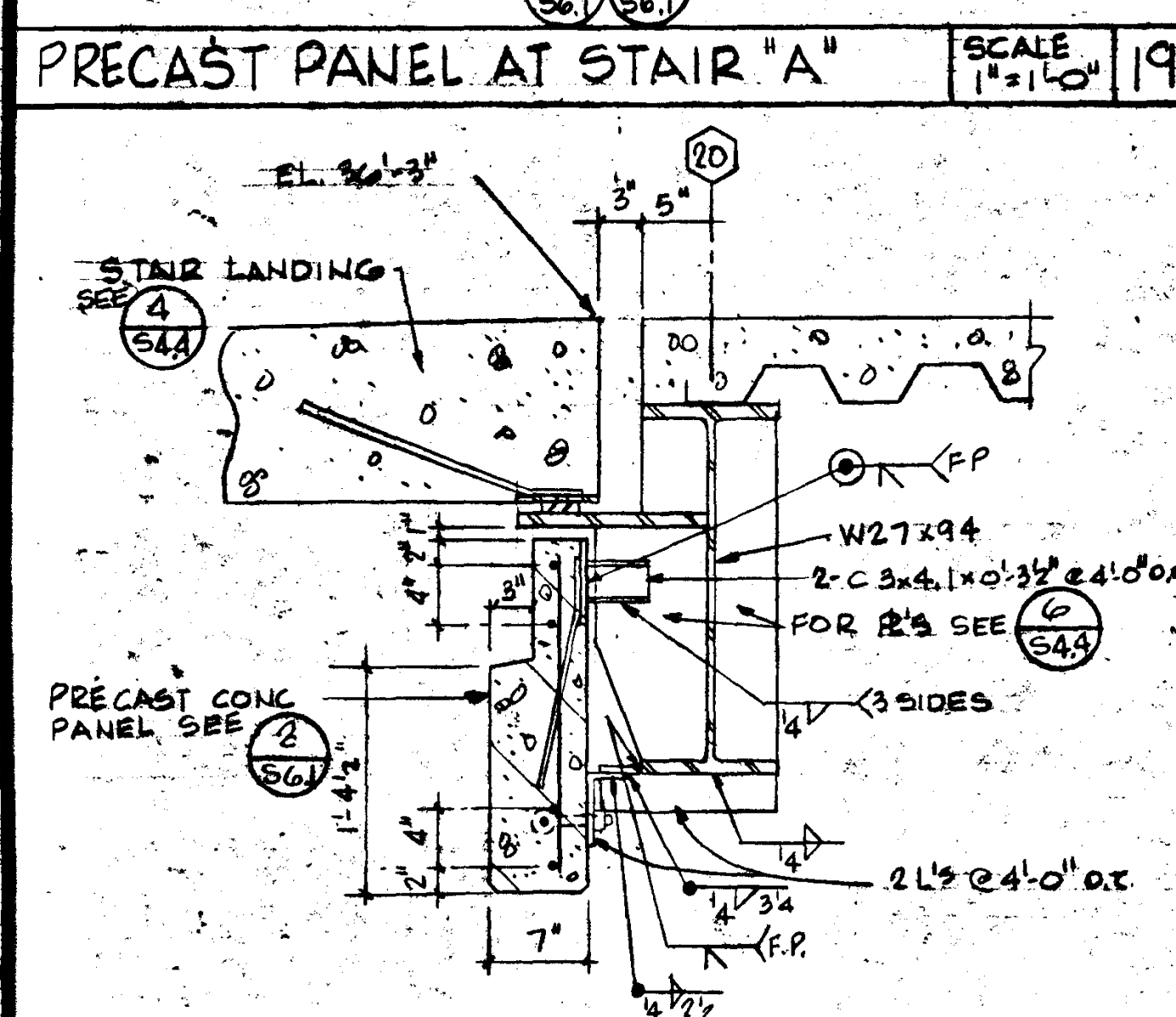
DATE: 6/23/78





**PRECAST CONCRETE NOTES**

- THE CONTRACTOR SHALL SUBMIT FOR APPROVAL, CALCULATIONS, DESIGNED BY A REGISTERED CIVIL ENGINEER EXPERIENCED IN PRECAST WORK. CALCULATIONS TO SHOW LIFTING STRESS, PICK-UP POINTS, LOADS ON LIFTING INSERTS, TEMPORARY BRACING, ETC.
- THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF PRECAST SECTIONS SHOWING ALL EMBEDDED SHIELD-TYPE INSERTS AND CLIP ANGLES AS INDICATED ON DETAILS THAT CONNECT TO STEEL WELDED TO STEEL BUILDING FRAME. APPROVALS TO BE RECEIVED PRIOR TO FABRICATION.
- REINFORCING SHOWN IS MINIMUM AND MAY BE INCREASED FOR LIFTING STRESSES AS REQUIRED.
- SEE SPECIFICATIONS FOR THIS SECTION OF WORK. TESTS AND INSPECTIONS TO BE PROVIDED AS STATED IN SPECIFICATIONS.
- SEE ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS, CHAMFERS, REVEALS, ETC.
- INDICATED CONNECTIONS ARE TYPICAL (UNLESS NOTED OTHERWISE) CONDITIONS, FOR CONDITIONS NOT INDICATED, USE SIMILAR DETAILS.
- CONTINUOUS INSPECTION OF THE FABRICATION OF PRECAST PANELS BY A REGISTERED QUALITY INSPECTOR APPROVED BY THE OFFICE OF THE STATE ARCHITECT, IS REQUIRED.



**WILLIAM L. PEREIRA ASSOCIATES**  
PLANNERS - ARCHITECTS - ENGINEERS  
URBANUS SQUARE 4000 ARTHUR BLVD. AT FORD ROAD  
CORONA DEL MAR, CALIFORNIA 92625  
714/644-0670

**GOLDEN WEST COLLEGE**  
HUNTINGTON BEACH, CALIFORNIA  
COAST COMMUNITY COLLEGE DISTRICT

**PRECAST CONCRETE DETAILS**

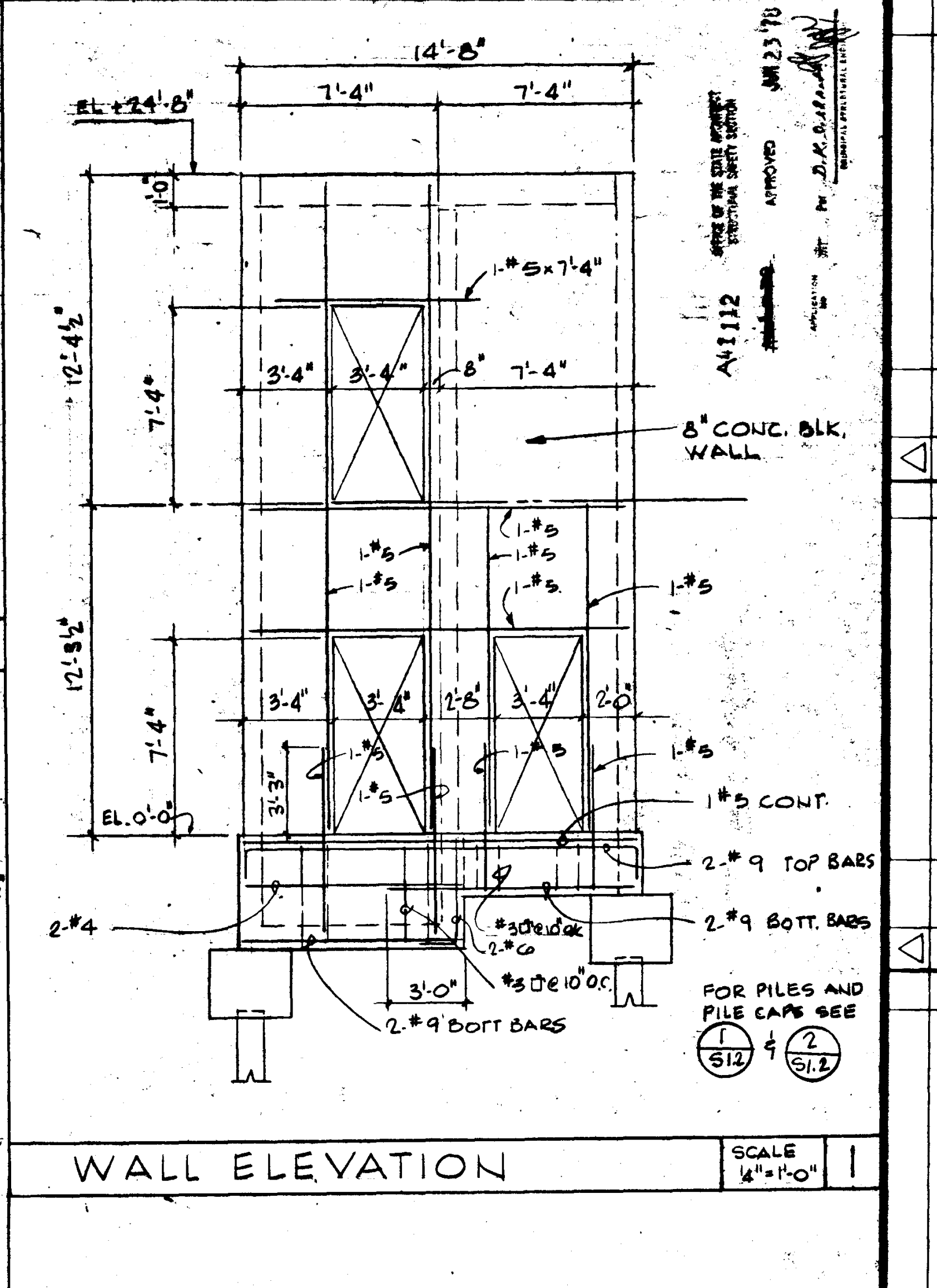
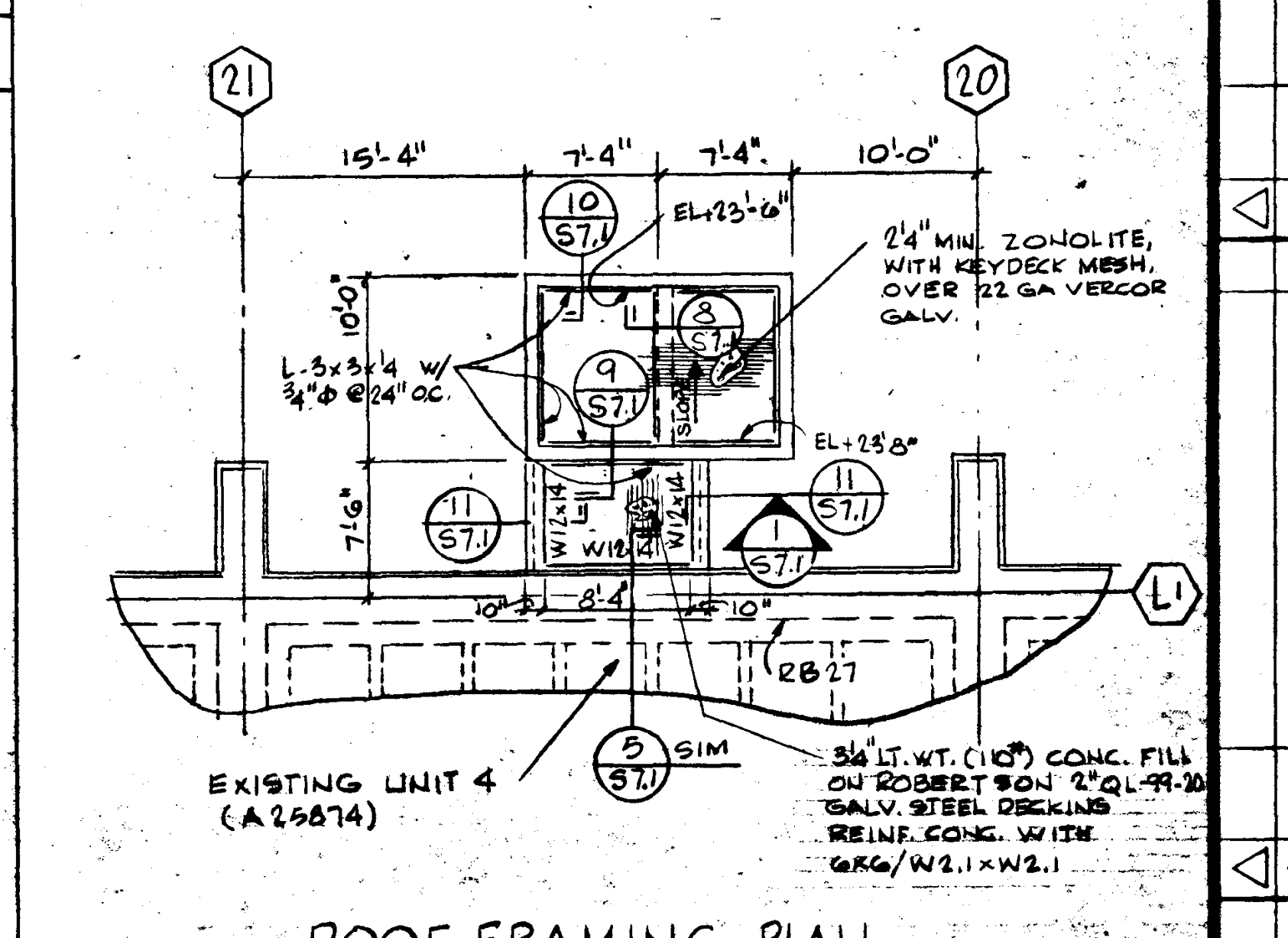
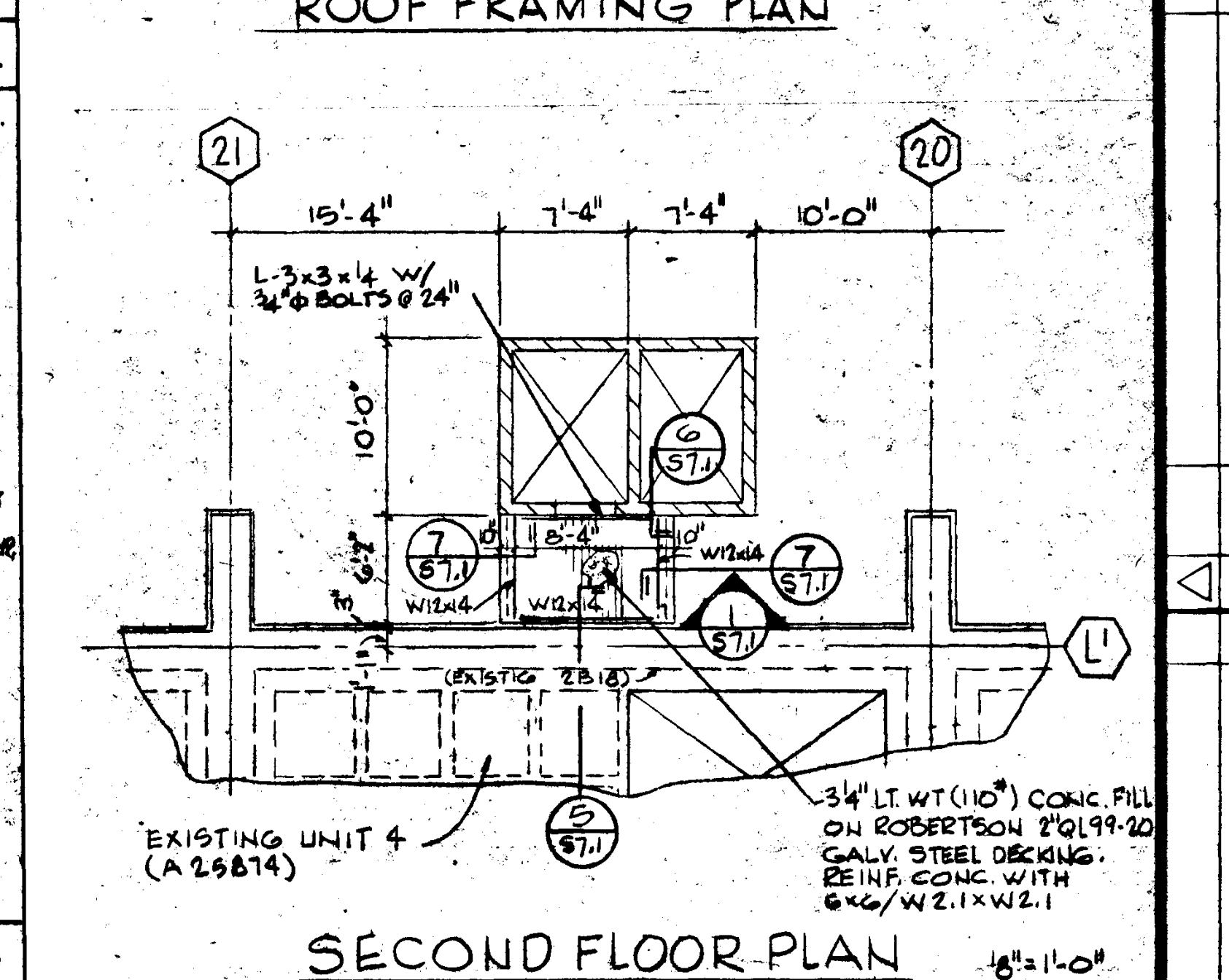
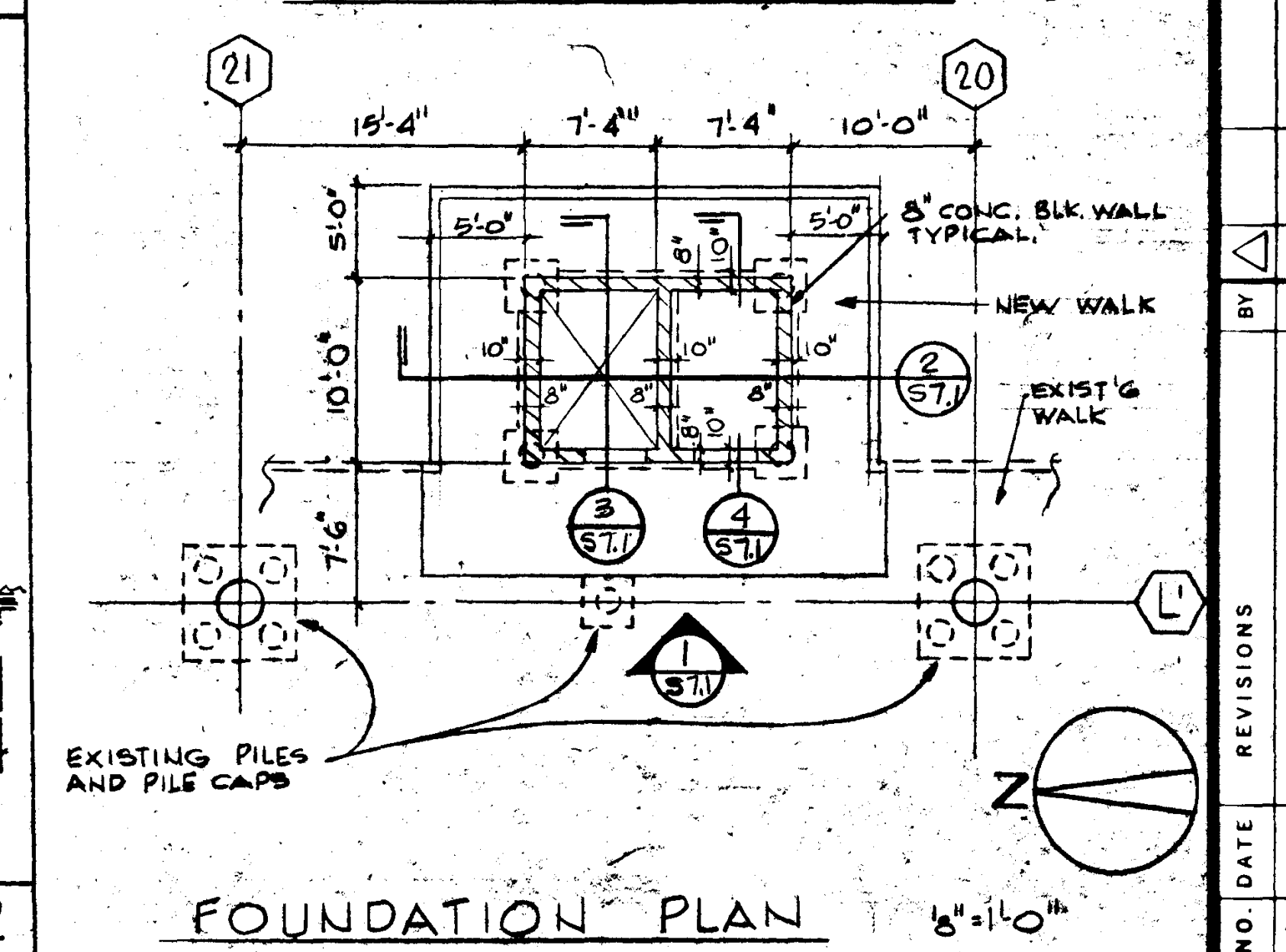
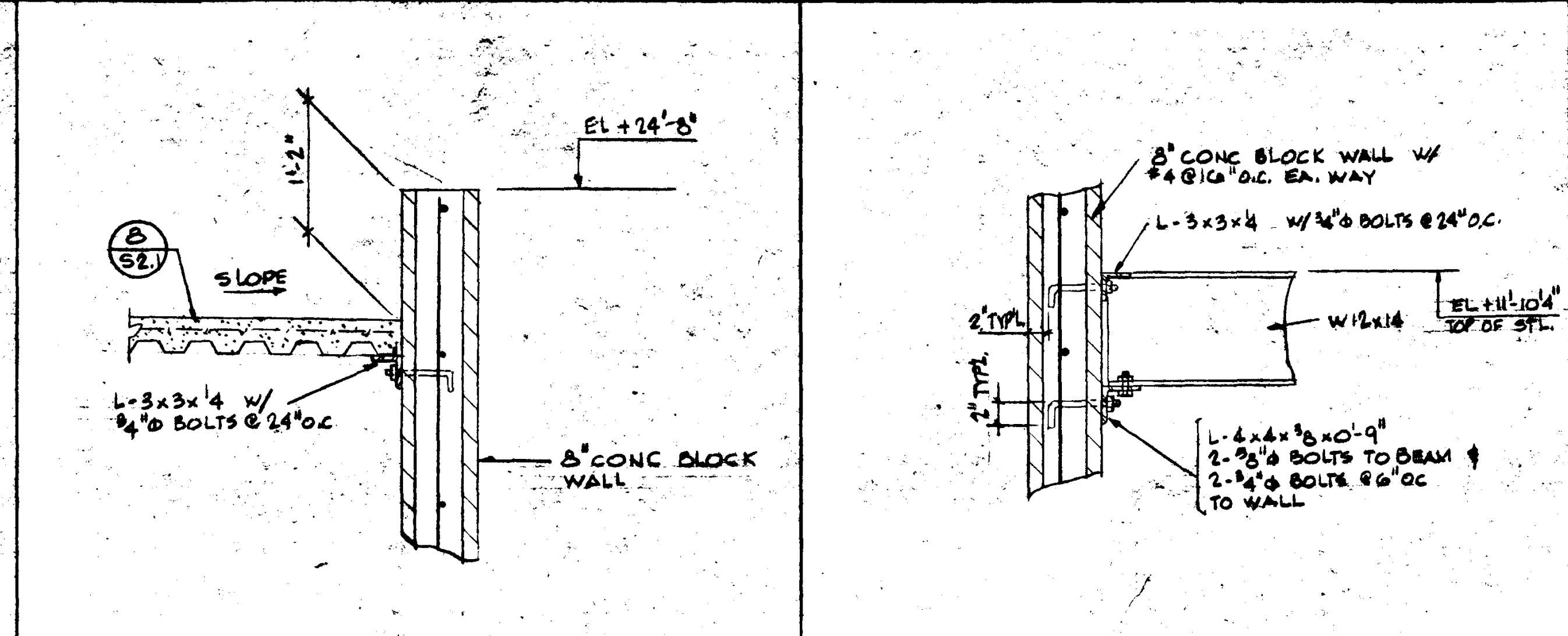
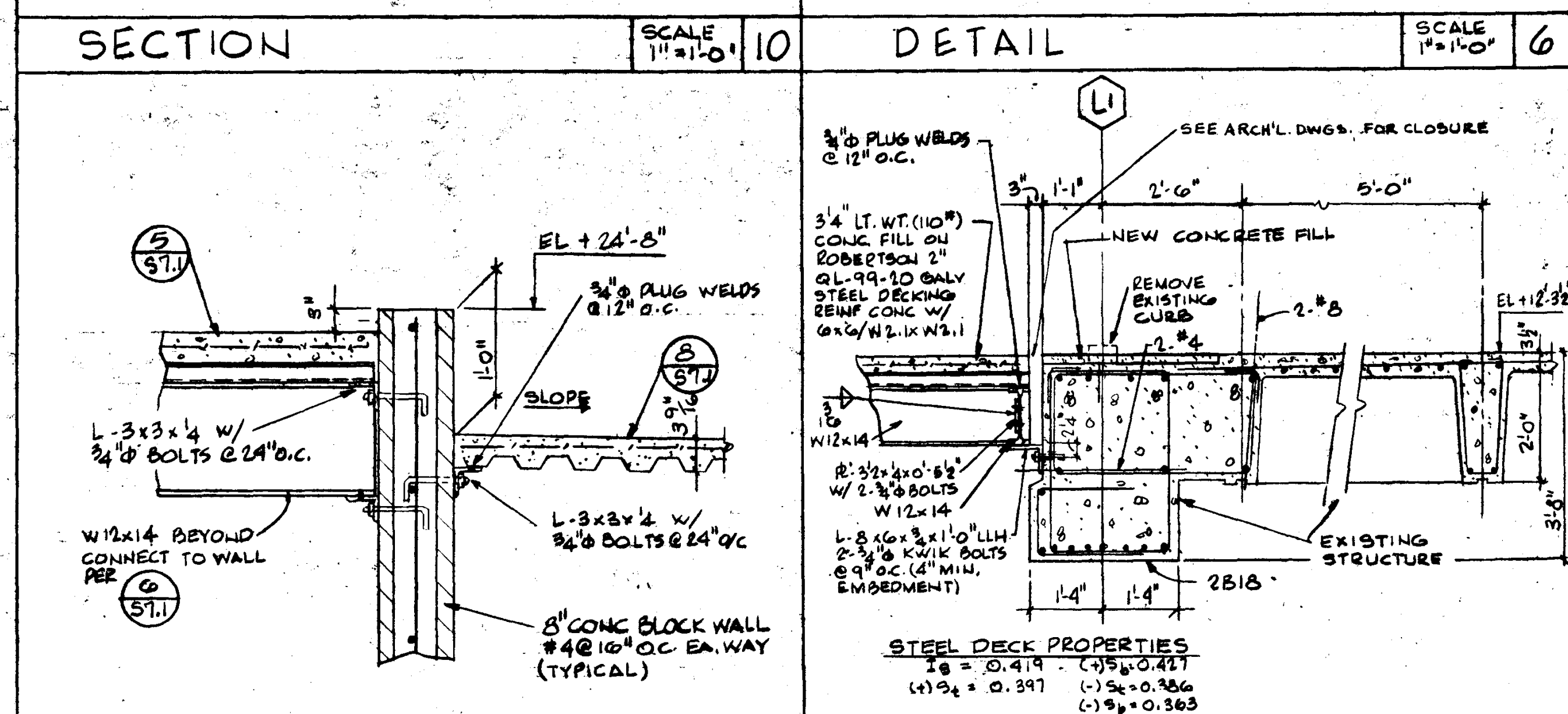
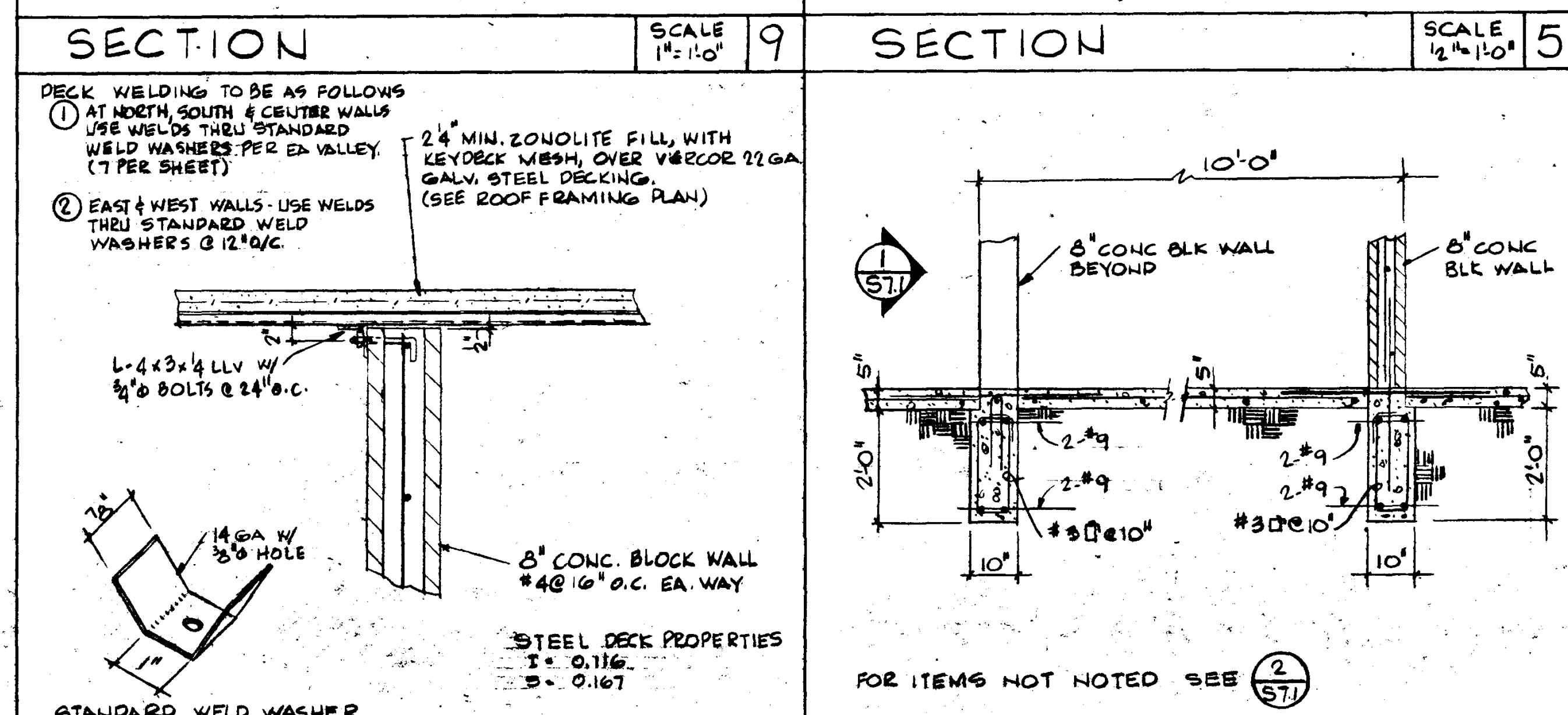
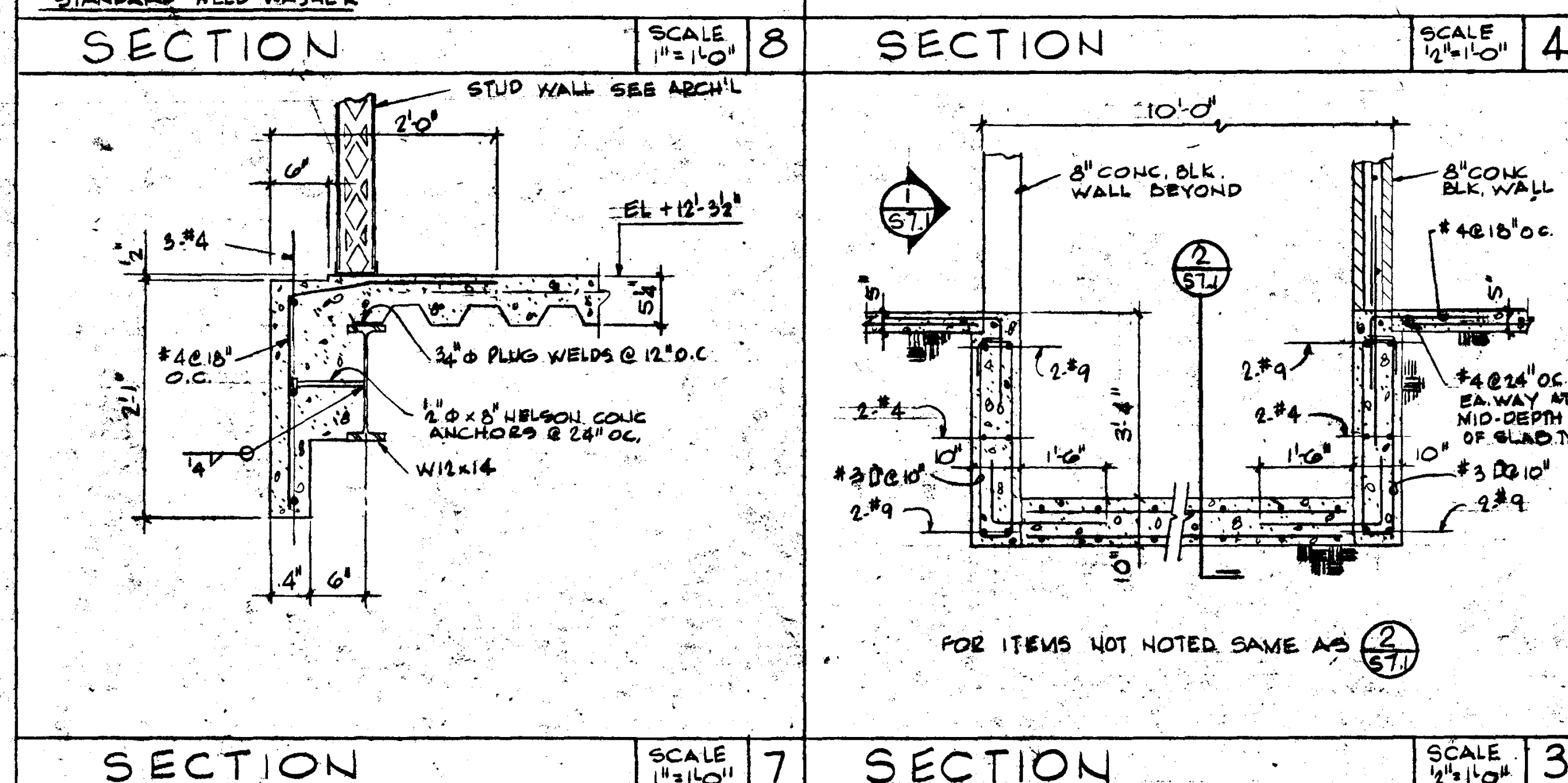
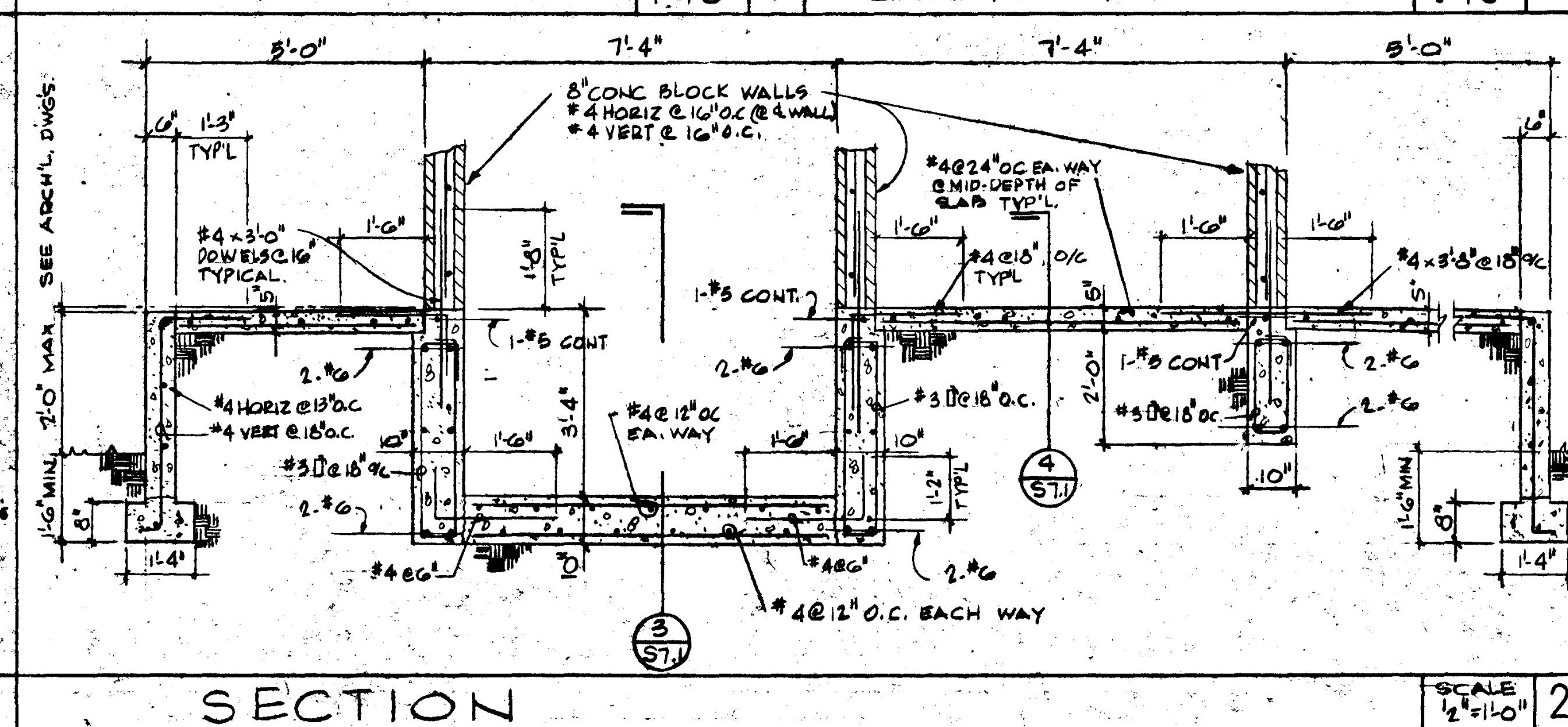
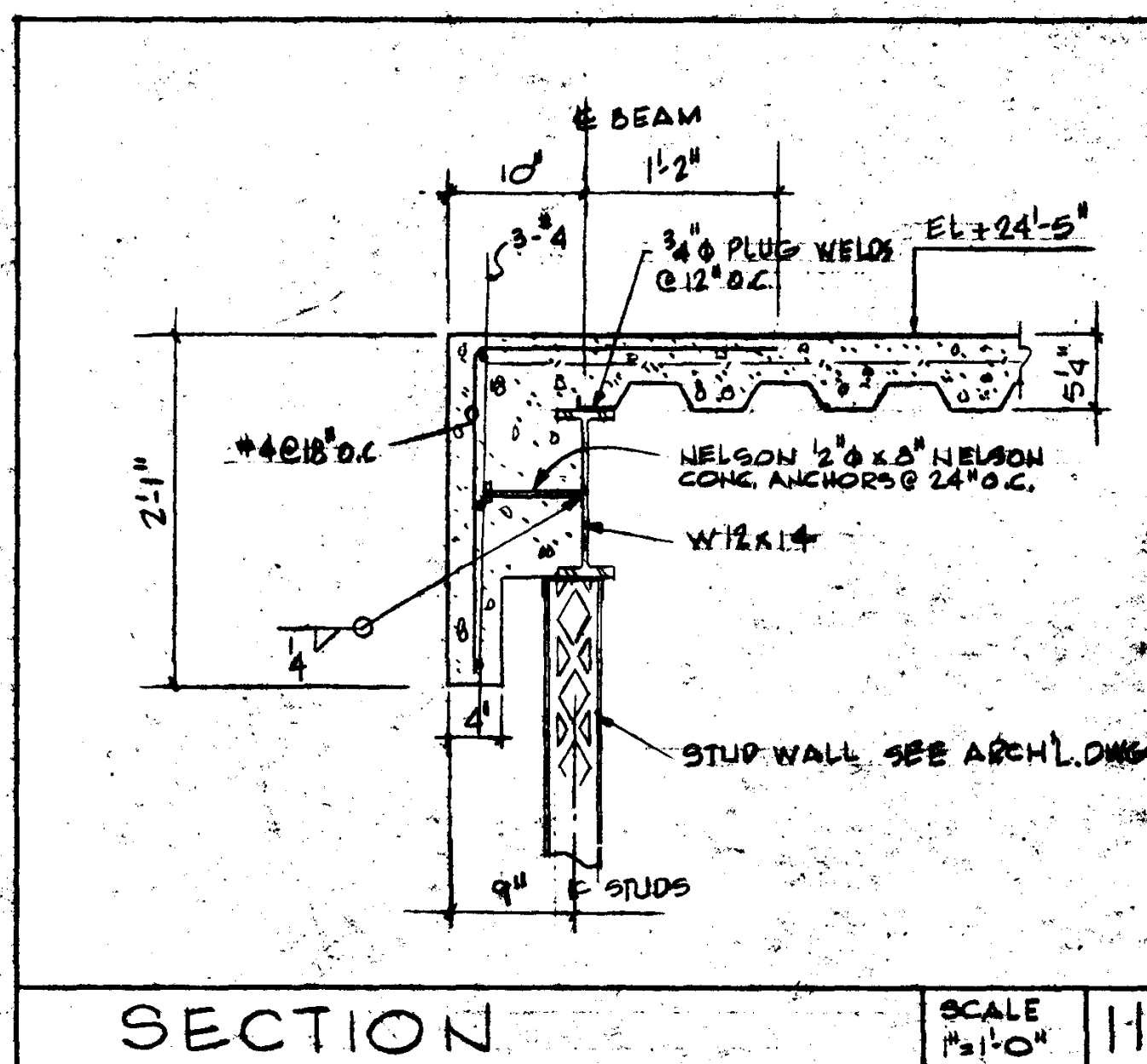
ISSUE DATE: 7/6/13  
PROJECT NO: 76013.000  
SHEET NO: 5-6.1  
SHEET 43 OF 48

DATE: 6/23/78



# ELEVATOR GUIDE RAIL NOTES

ELEVATOR CAB AND COUNTERWEIGHT GUIDE RAILS AND SUPPORTING BRACKETS SHALL BE DESIGNED TO RESIST A HORIZONTAL FORCE OF NOT LESS THAN 90% OF THE OPERATING WEIGHTS AND SHALL CONFORM TO ALL REQUIREMENTS OF INDUSTRIAL SAFETY. SHOP DRAWINGS AND ENGINEERING CALCULATIONS OF THE ELEVATOR GUIDE RAILS AND SUPPORTING BRACKETS, WHICH HAVE BEEN ACCEPTED AND SIGNED BY THE ARCHITECT OR STRUCTURAL ENGINEER, SHALL BE SUBMITTED TO THE OFFICE OF THE STATE ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION.

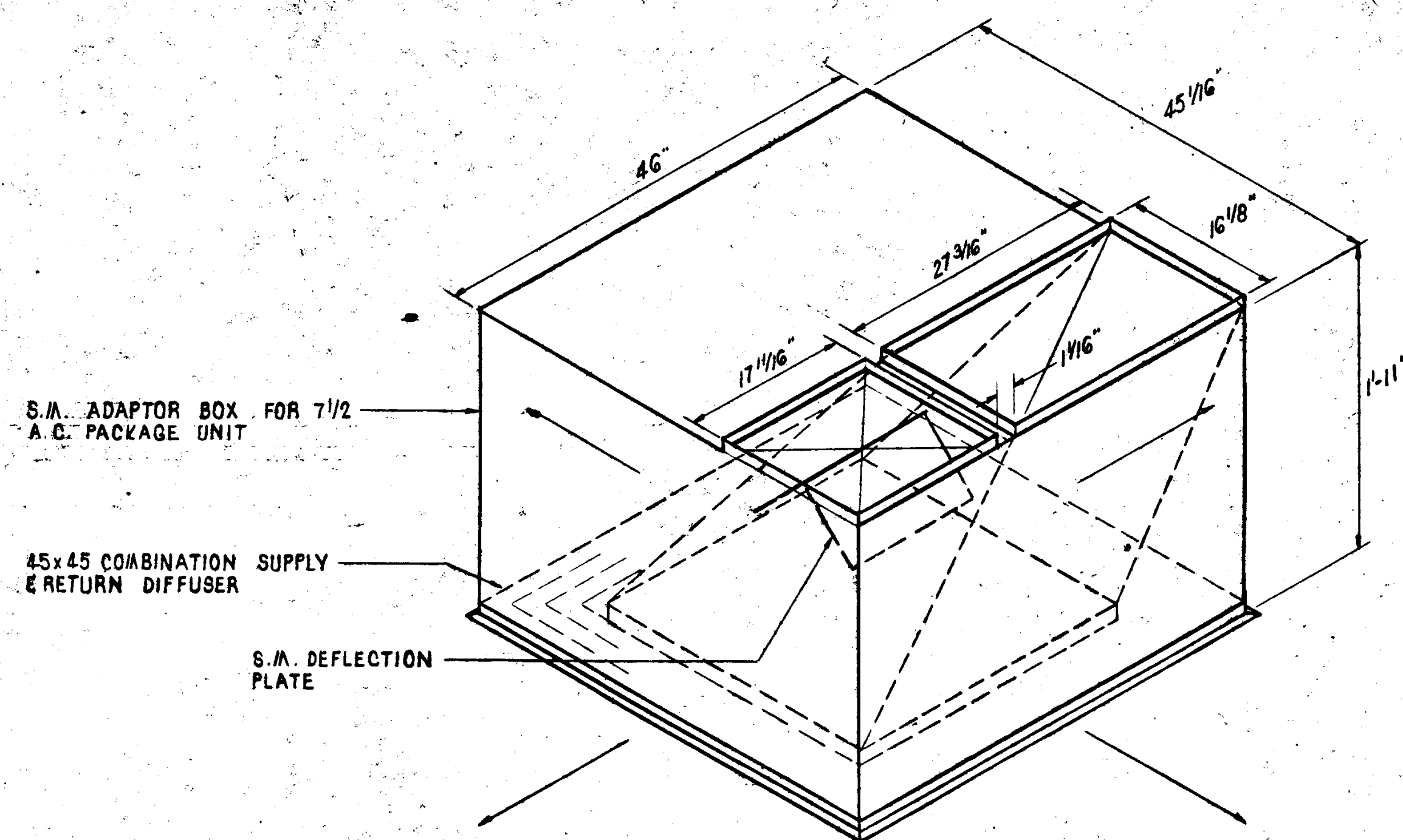


<p>WILLIAM L. PEREIRA ASSOCIATES PLANNERS-ARCHITECTS-ENGINEERS</p> <p>URBAN SQUARE MARATHON BLVD. AT FORD ROAD CORONA DEL MAR, CALIFORNIA 92625</p>		<p>EDUCATIONAL UNIT 2A <b>GOLDEN WEST COLLEGE</b> HUNTINGTON BEACH, CALIFORNIA COAST COMMUNITY COLLEGE DISTRICT</p>		<p>STUDENT SERVICES CENTER <b>PLANS, ELEVATIONS AND DETAILS</b></p>	
<p>PROJECT NO. 16013.001</p> <p>SHEET NO. <b>S-7.1</b></p> <p>SHEET 44 OF 44</p>	<p>DATE 6/23/78</p>	<p>NO. DATE REVISIONS</p>	<p>SCALE NOTED</p>	<p>ISSUE DATE</p>	<p>PROJECT NO. 16013.001</p> <p>SHEET NO. <b>S-7.1</b></p> <p>SHEET 44 OF 44</p>









CEILING DIFFUSER ADAPTOR BOX DETAIL

SCALE: NONE 6

PACKAGED AIR CONDITIONING UNITS												
SYMBOL	LOCATION	MAKE & MODEL NO.	CFM	ESP IN H <sub>2</sub> O	COOLING CAP. BTUH	AIR FLOW	HTG. CAP. BTUH	EVAP. FLOW	COND. FLOW	COMPR. FLOW	MIN. WIRE AMP.	MAX. FUSE SIZE
AC-1, 2, 3	ROOF	CARRIER #50DP 008	3,000	.8	95,000	90	16	8.6	12.0	4.5	14.3	79

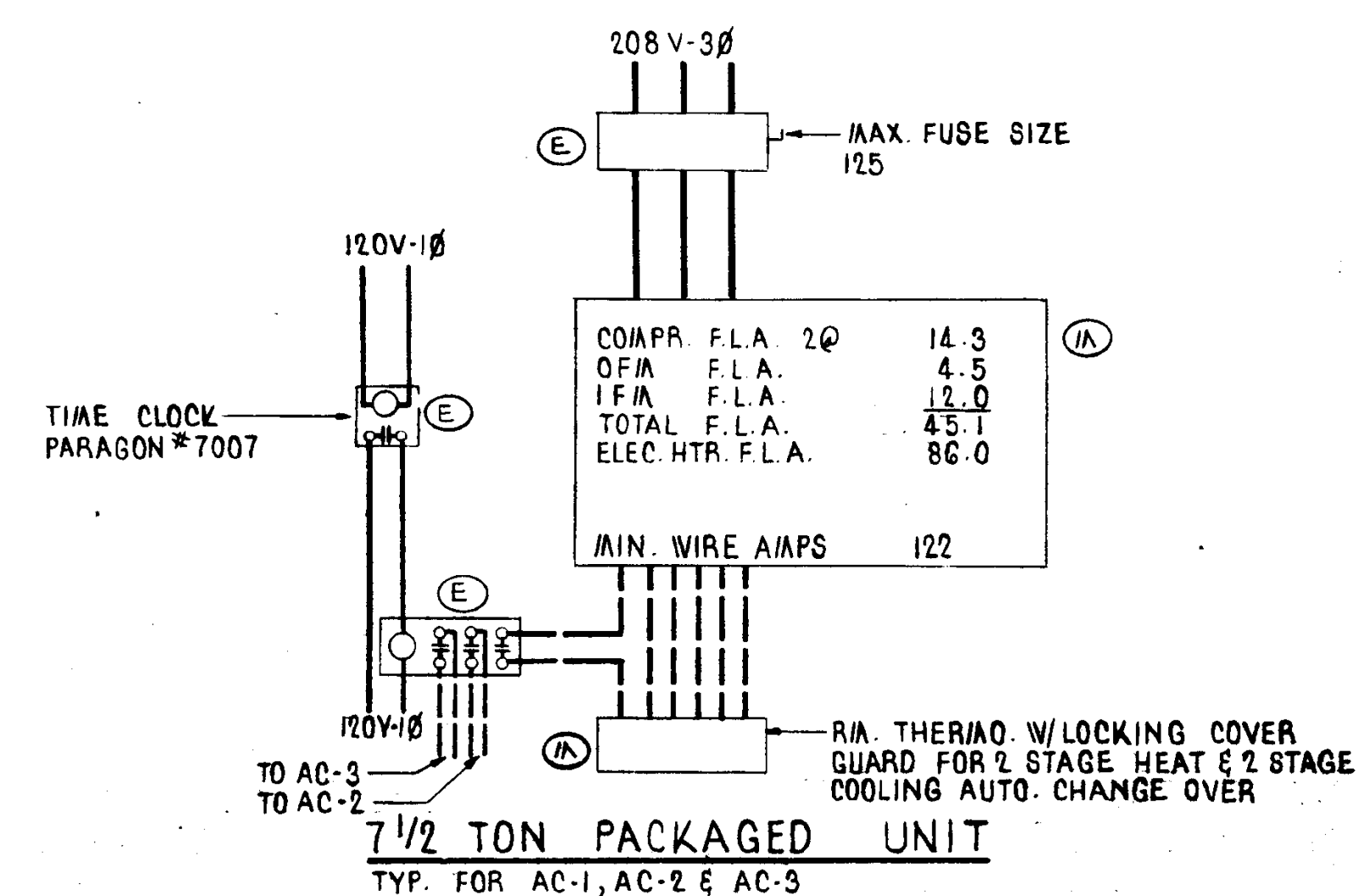
DESIGN CONDITIONS		
HEATING	INSIDE	OUTSIDE
	70°	38°
COOLING	78° - 45° RH	88° D.B. - 70° W.B.

SYMBOLS & ABBREVIATIONS	
[Symbol]	SUPPLY DUCT
[Symbol]	RETURN AIR DUCT
[Symbol]	(F.D.) FIRE DAMPER
[Symbol]	(Q.D.) QUADRANT DAMPER
[Symbol]	INCLINED RISE IN DIRECTION OF AIR FLOW
[Symbol]	INCLINED DROP IN DIRECTION OF AIR FLOW
[Symbol]	THERMOSTAT
[Symbol]	O.S.A. OUTSIDE AIR
[Symbol]	C.D. CEILING DIFFUSER
[Symbol]	B.G. BOTTOM GRILLE
[Symbol]	ABV. ABOVE
[Symbol]	S.M. SHEET METAL
[Symbol]	R.A. RETURN AIR
[Symbol]	L.V.R. LOUVER
[Symbol]	W/ WITH
[Symbol]	TYP. TYPICAL

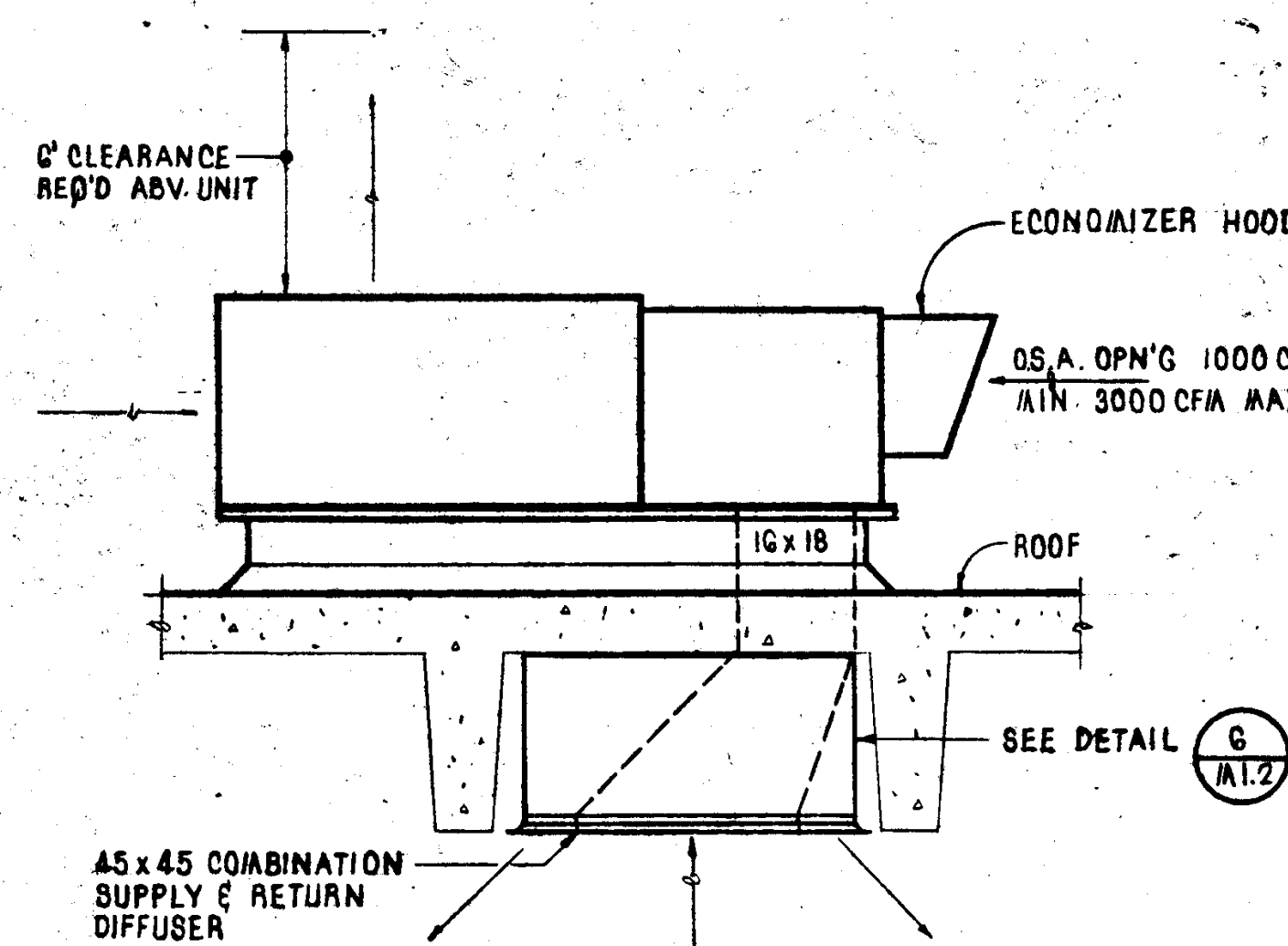
41112  
APPROVED  
JUN 23 '78  
OFFICE OF THE STATE ARCHITECT  
STANDARD SHEET SET

SCHEDULE S

LEGEND:  
— LINE VOLTAGE WIRING BY ELECTRICAL CONTR.  
— LOW VOLTAGE WIRING BY ELECTRICAL CONTR.  
— DENOTES FURNISHED & INSTALLED BY ELEC. CONTR.  
— DENOTES FURNISHED & INSTALLED BY MECH. CONTR.

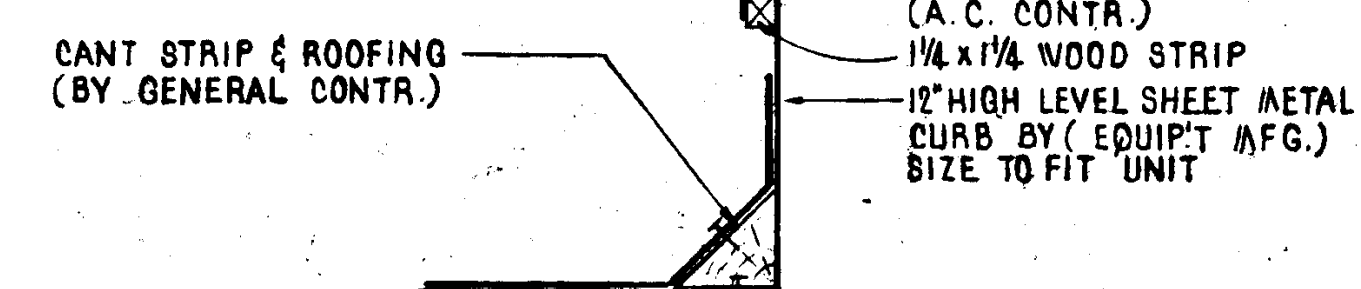


CONTROL DIAGRAM



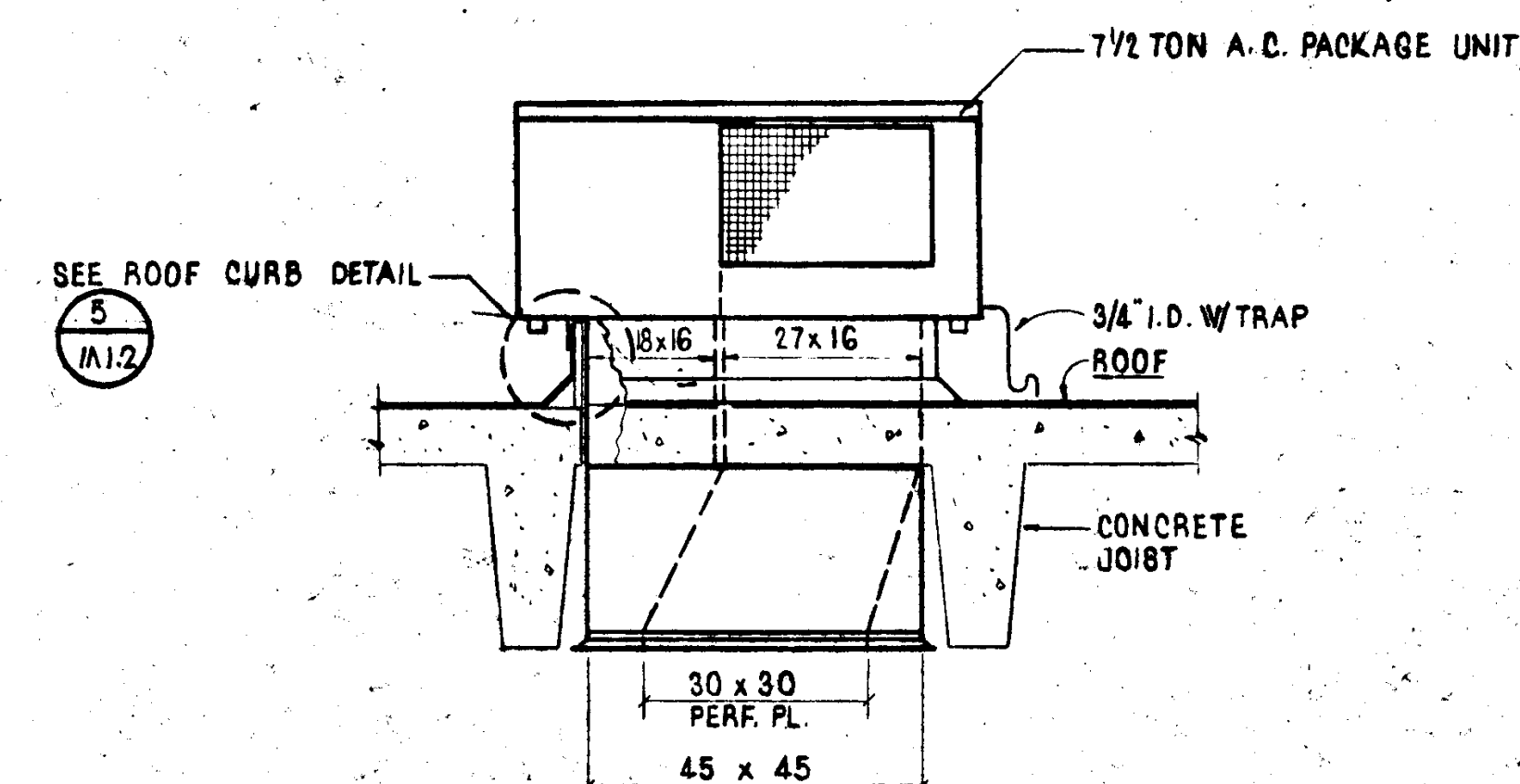
SECTION

NOTE:  
All mechanical equipment shall be braced or anchored to resist a horizontal force of 30% of its operating weight acting in any direction. Where anchorage details are not shown on the drawings the field installation shall be subject to the approval of the Mechanical Engineer and the Field Representative of the Office of the State Architect.



ROOF CURB DETAIL

SCALE: NONE 5



SECTION

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

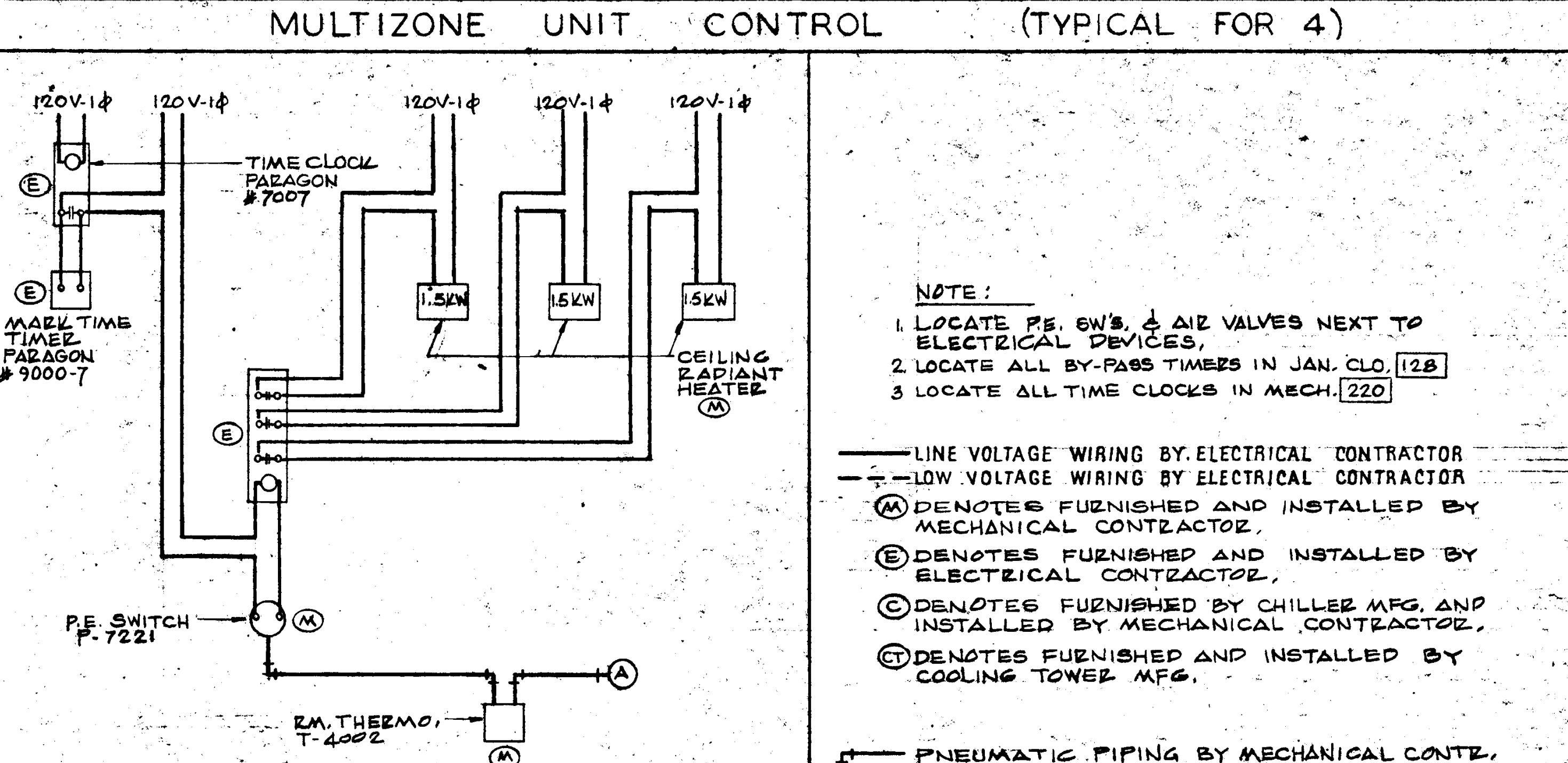
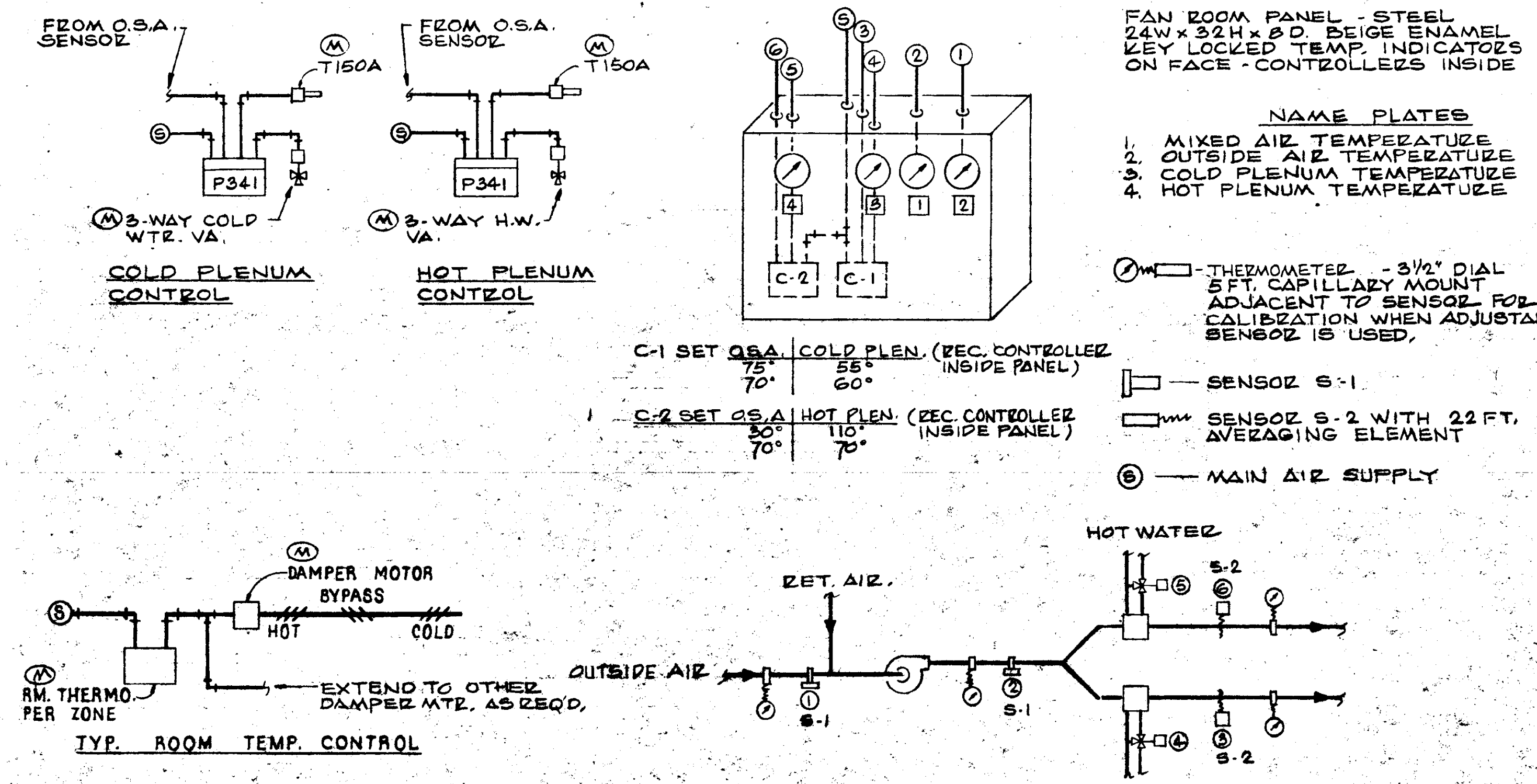
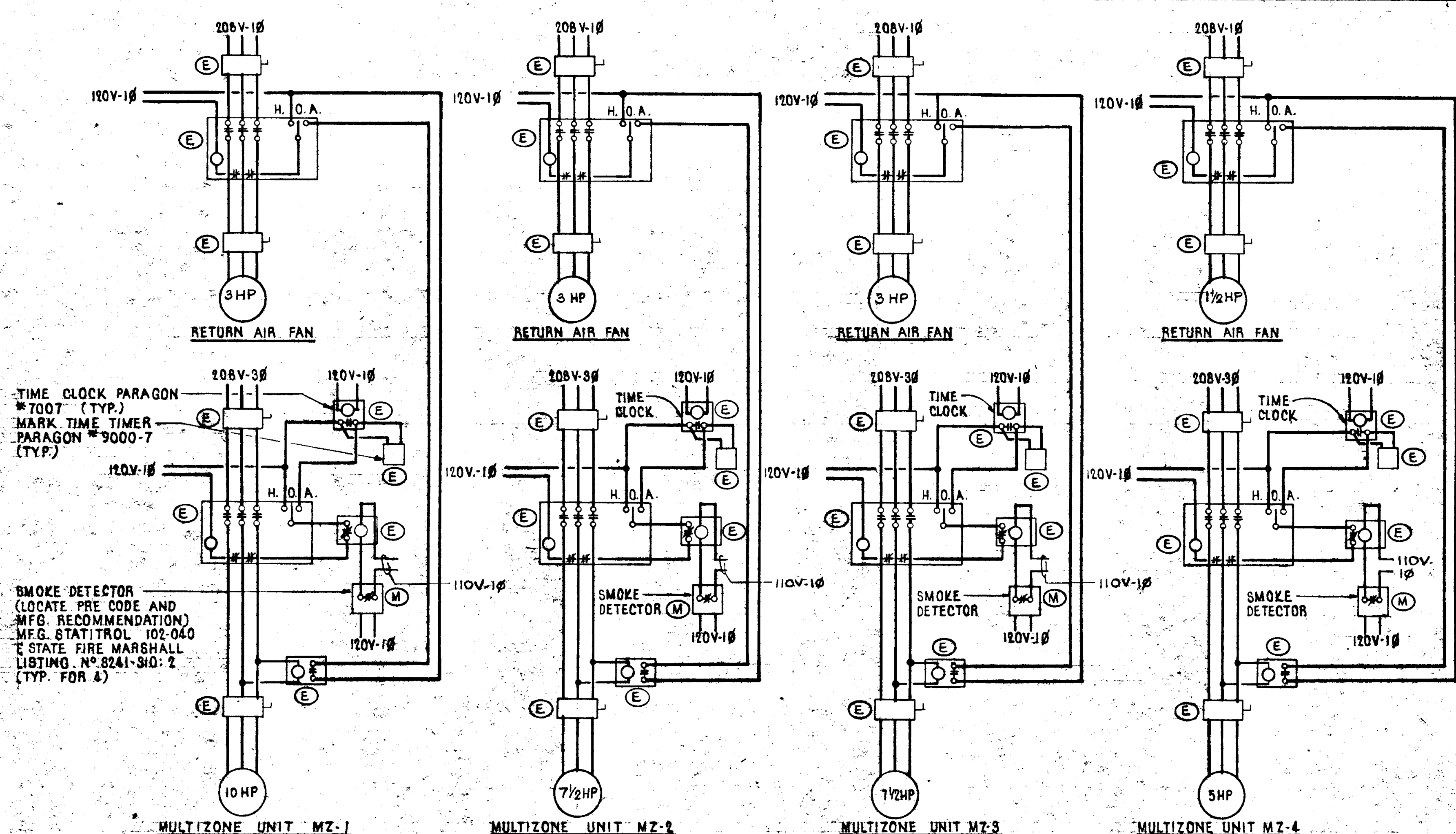
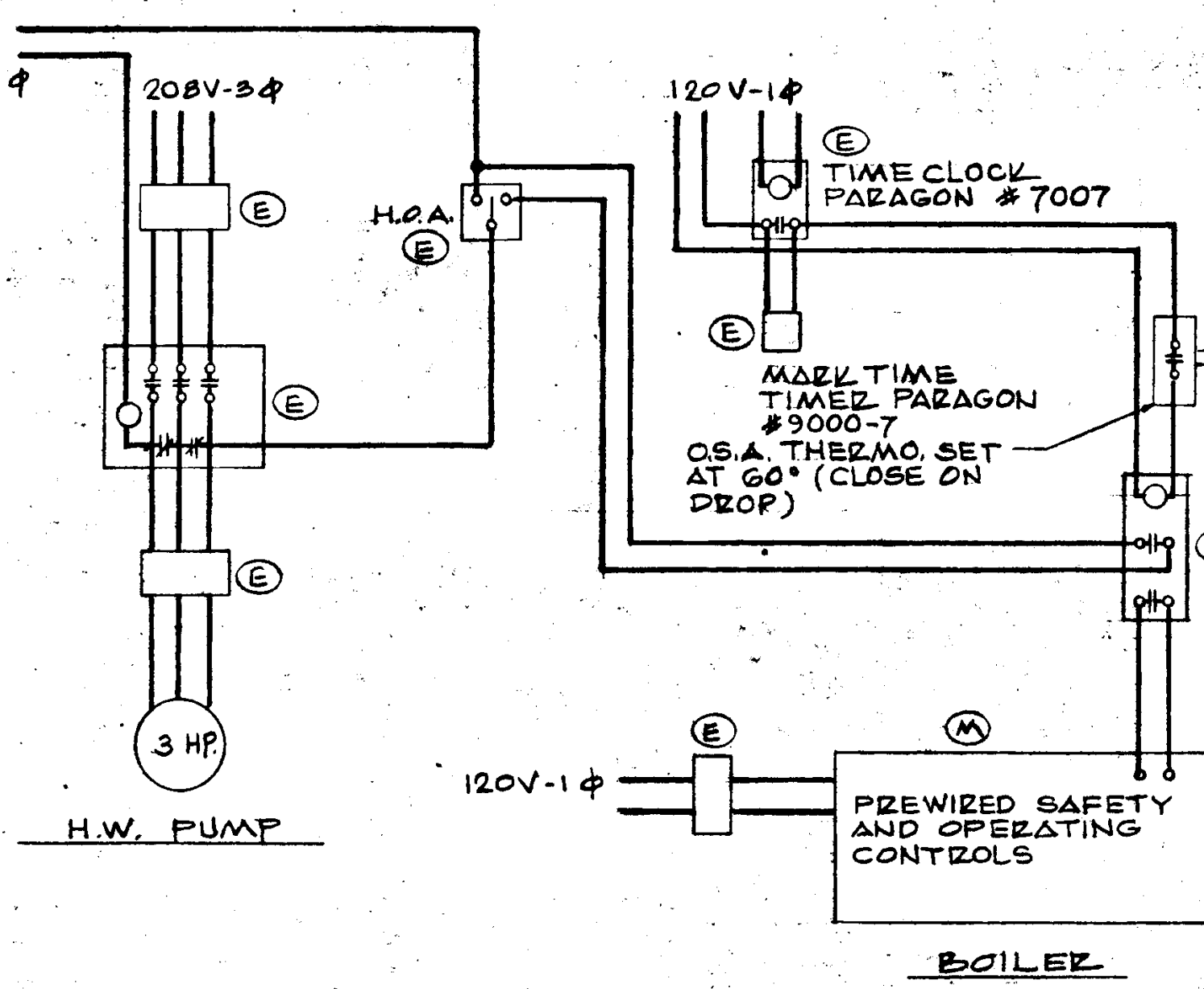
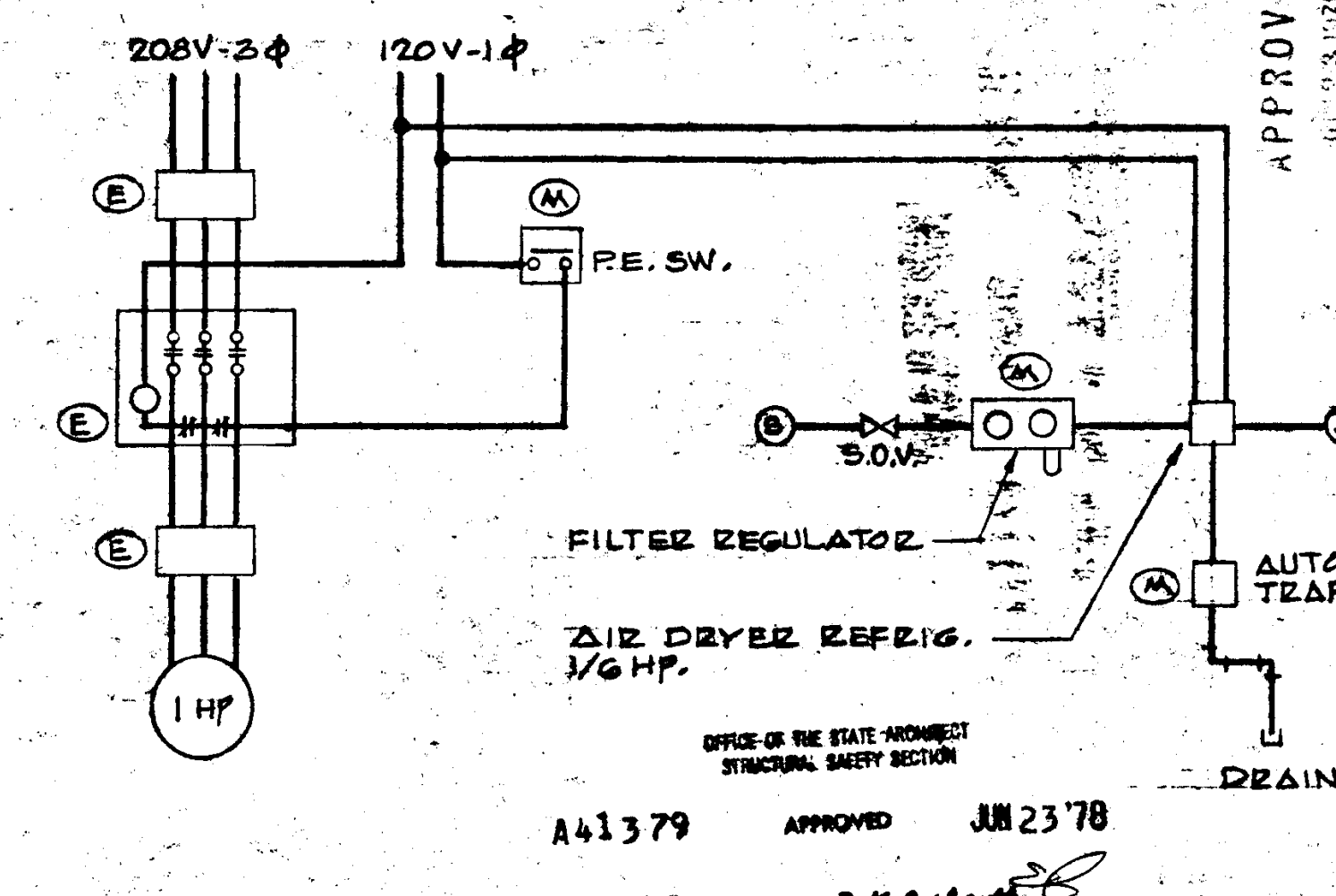
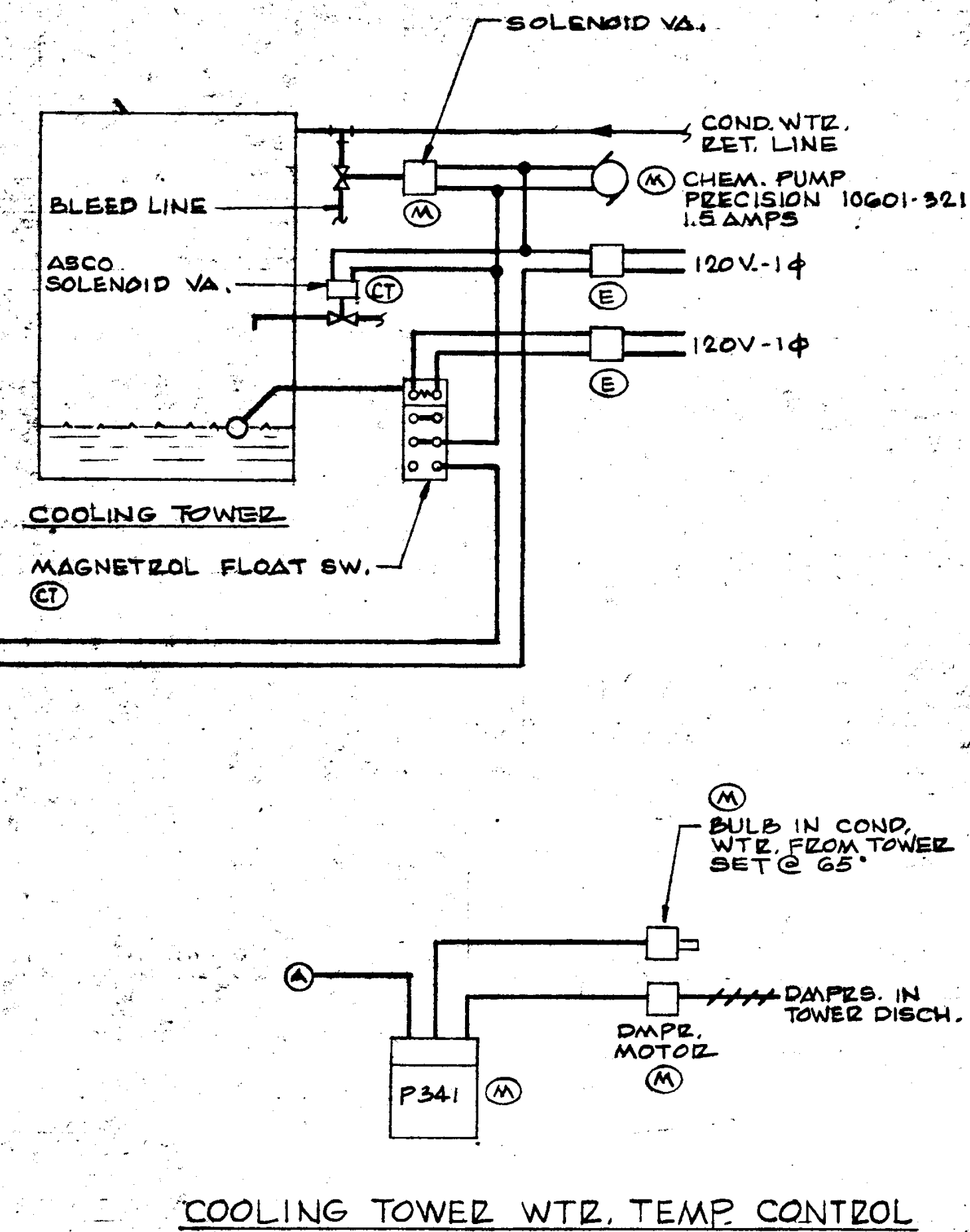
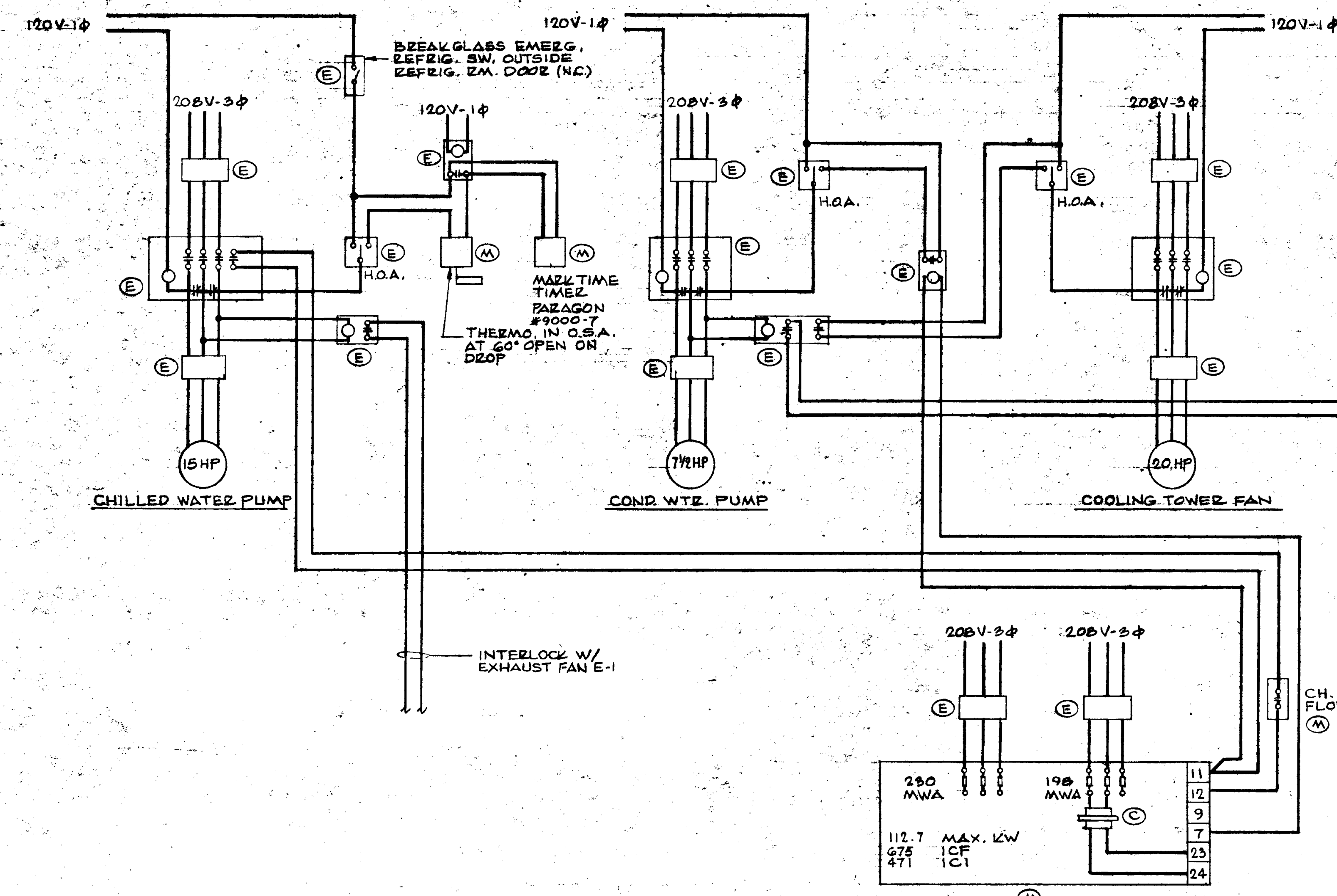
WILLIAM L. PEREIRA ASSOCIATES  
PLANNERS-ARCHITECTS-ENGINEERS  
HUNTINGTON BEACH, CALIFORNIA  
COAST COMMUNITY COLLEGE DISTRICT  
GOLDEN WEST COLLEGE  
HUNTINGTON BEACH, CALIFORNIA  
COAST COMMUNITY COLLEGE DISTRICT

MECHANICAL  
STUDENT SERVICES CENTER  
SCHEDULES, SECTIONS, DETAILS  
& CONTROL DIAGRAM

PROJECT NO. 7601.000  
7601.001  
SHEET NO. M1.2  
SHEET 46 OF 46

6/23/78





NOTE:

- LOCATE PE SW. & AIR VALVES NEXT TO ELECTRICAL DEVICES.
- LOCATE ALL BY-PASS TIMERS IN JAN. CLO. 12B
- LOCATE ALL TIME CLOCKS IN MECH. 220

— LINE VOLTAGE WIRING BY ELECTRICAL CONTRACTOR

— LOW VOLTAGE WIRING BY ELECTRICAL CONTRACTOR

(M) DENOTES FURNISHED AND INSTALLED BY MECHANICAL CONTRACTOR.

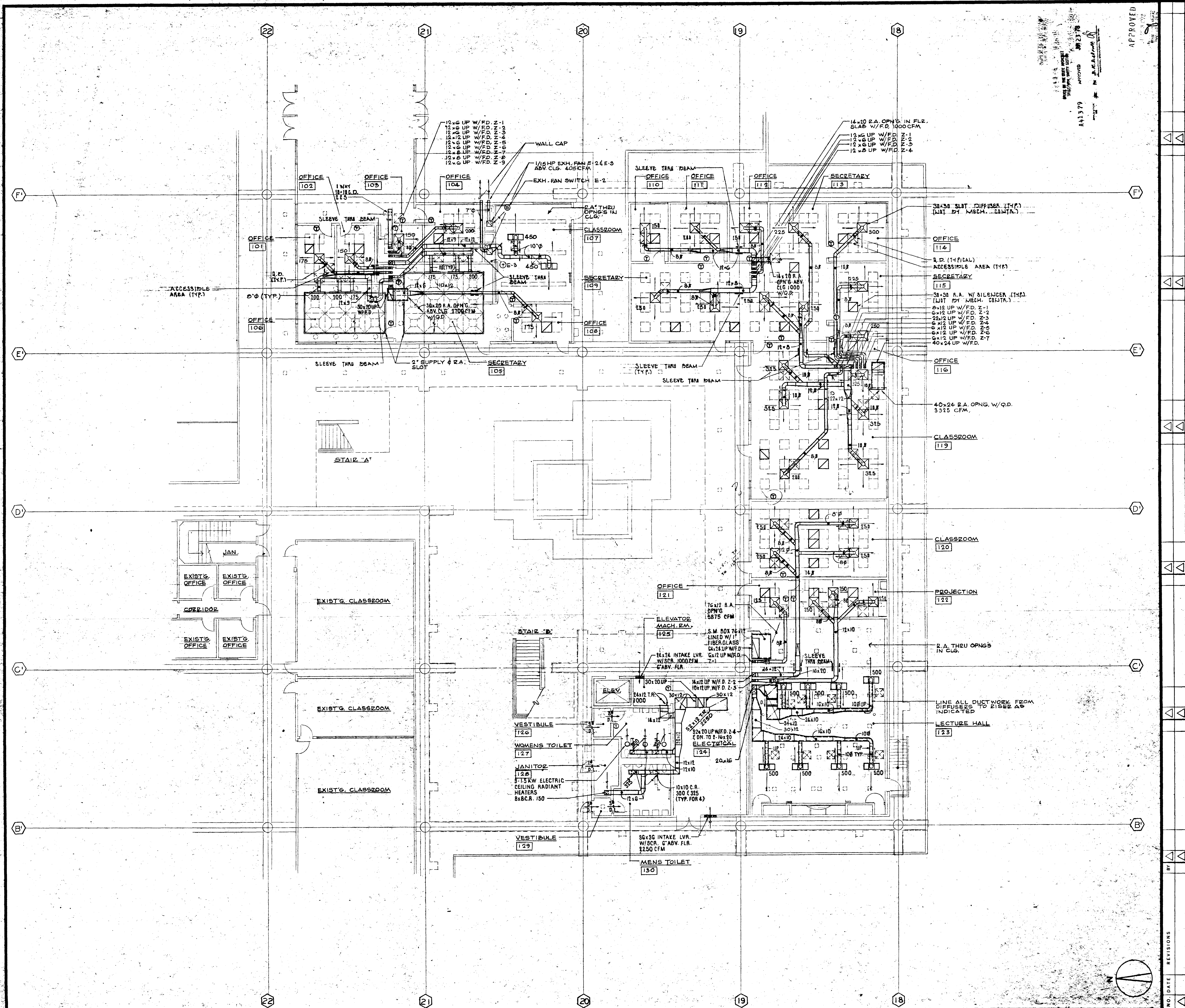
(E) DENOTES FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR.

(C) DENOTES FURNISHED BY CHILLER MFG. AND INSTALLED BY MECHANICAL CONTRACTOR.

(D) DENOTES FURNISHED AND INSTALLED BY COOLING TOWER MFG.

— PNEUMATIC PIPING BY MECHANICAL CONTR.





APPROVED  
 4/13/79  
 4/23/79  
 4/23/79

PROJECT NO. 76019.000 SHEET NO. <b>M.3.1</b> SHEET 48 OF 48		SCALE 1/8" = 1'-0" 4/23/79
MECHANICAL EDUCATIONAL UNIT 2A FIRST FLOOR PLAN		
EDUCATIONAL UNIT 2A		
WILLIAM L. PEREIRA ASSOCIATES PLANNERS-ARCHITECTS-ENGINEERS URBAN SQUARE 2000 CORONA DEL MAR, CALIFORNIA 92625		
PROJECT NO. 76019.000 SHEET NO. <b>M.3.1</b> SHEET 48 OF 48	PROJECT NO. 76019.000 SHEET NO. <b>M.3.1</b> SHEET 48 OF 48	PROJECT NO. 76019.000 SHEET NO. <b>M.3.1</b> SHEET 48 OF 48

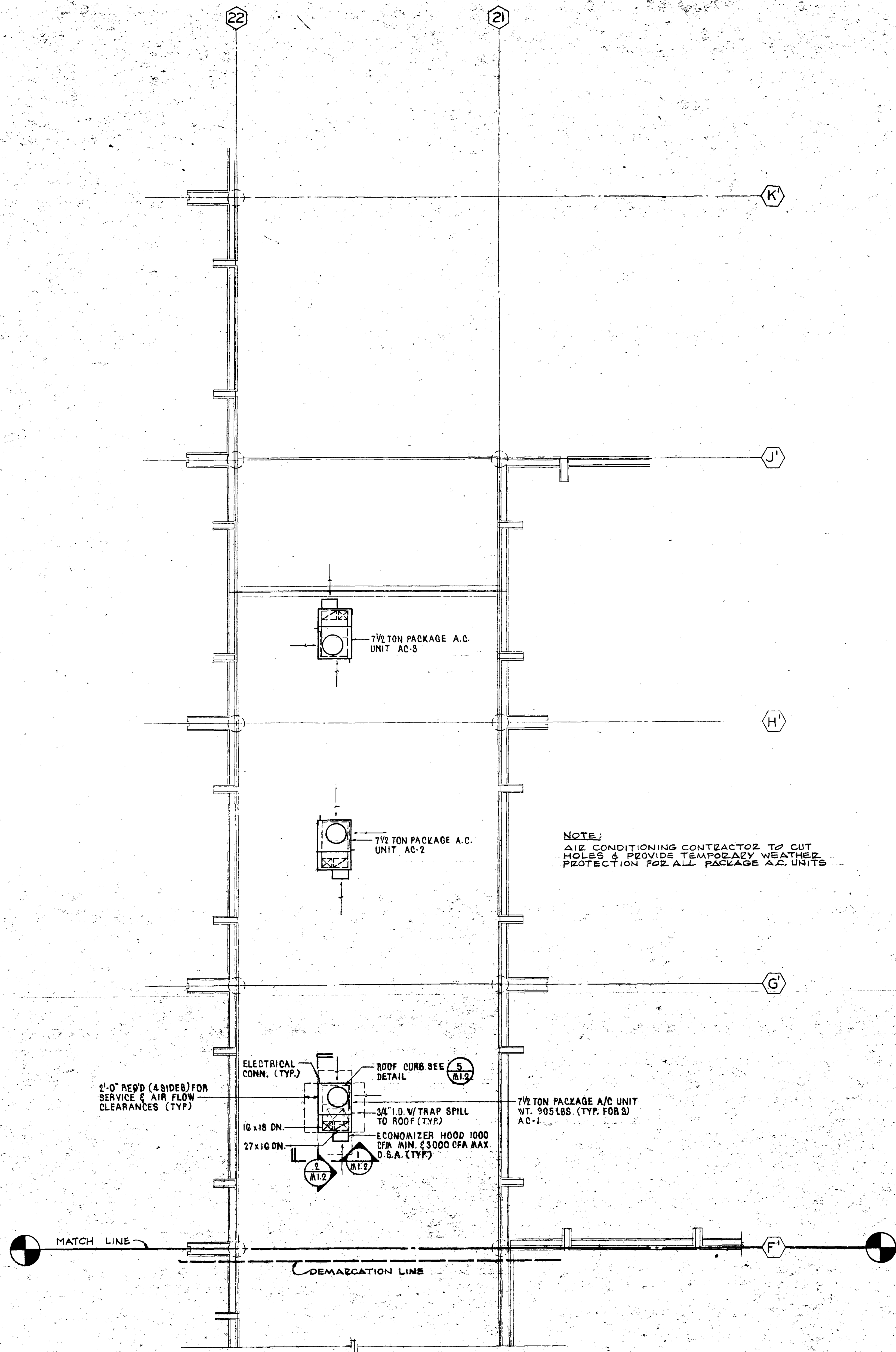


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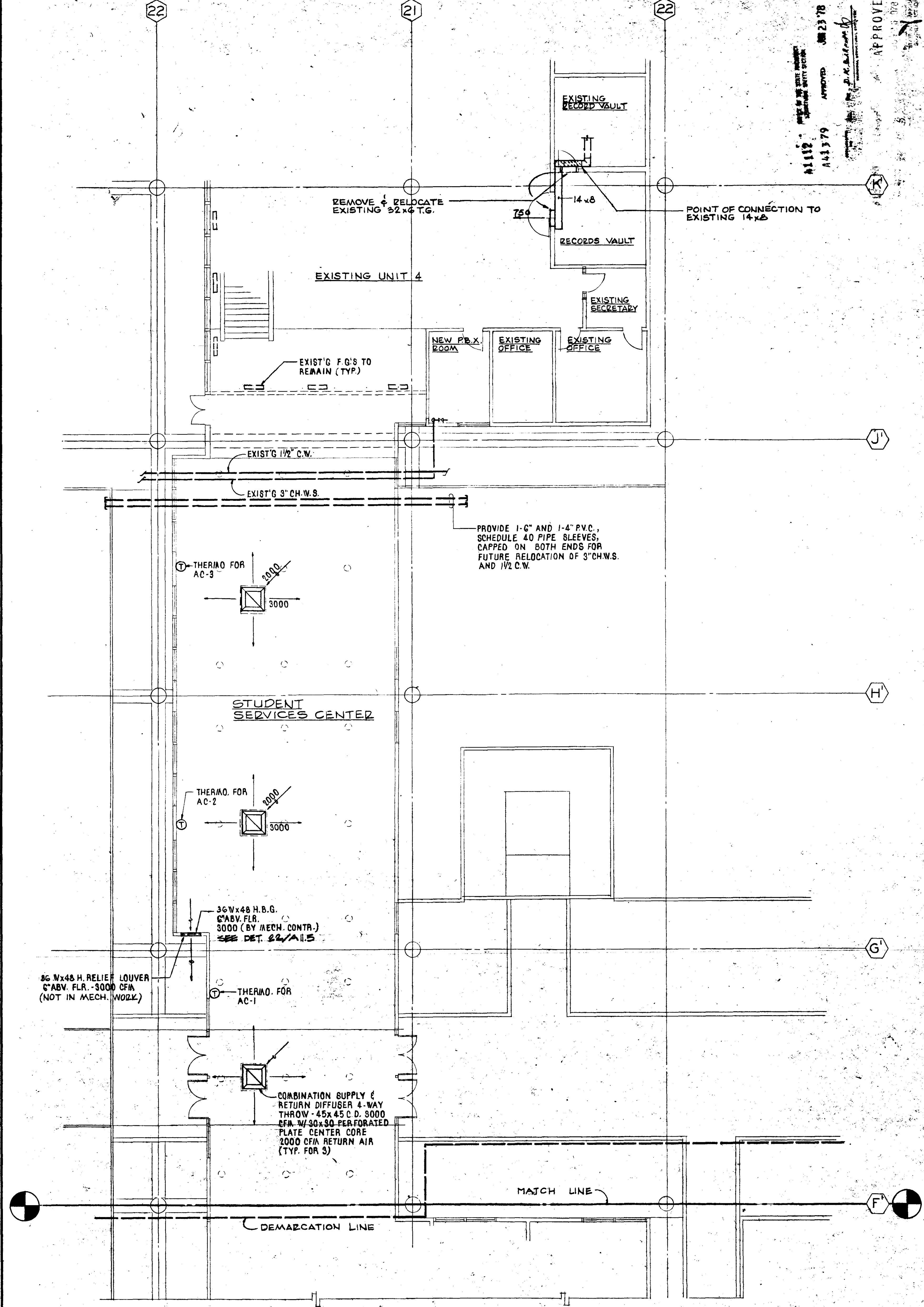






ROOF PLAN

SCALE 1/8" = 1'-0"



FLOOR PLAN

SCALE 1/8" = 1'-0"

NO.	DATE	REVISIONS
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MECHANICAL  
STUDENT SERVICES CENTER  
FLOOR PLAN & ROOF PLAN

PROJECT NO. 76013.000  
76013.001

SHEET NO. **M 3.4**

SHEET 51 OF 51

DATE 6/27/12

WILLIAM L. PEREIRA ASSOCIATES  
PLANNERS ARCHITECTS ENGINEERS  
URBAN SQUARE MEARTHUR BLVD. AT FORD ROAD  
CORONA DEL MAR, CALIFORNIA 92625

GOLDEN WEST COLLEGE  
HUNTINGTON BEACH, CALIFORNIA  
COAST COMMUNITY COLLEGE DISTRICT

EDUCATIONAL UNIT 2A

BRANDON A. JOHNSON  
CORONA DEL MAR

ALL MECHANICAL AND ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE CALIFORNIA MECHANICAL AND ELECTRICAL CODES.

APPROVED  
H. C. WEEDEN  
PROJECT DIRECTOR

DESIGNED BY  
H. C. WEEDEN

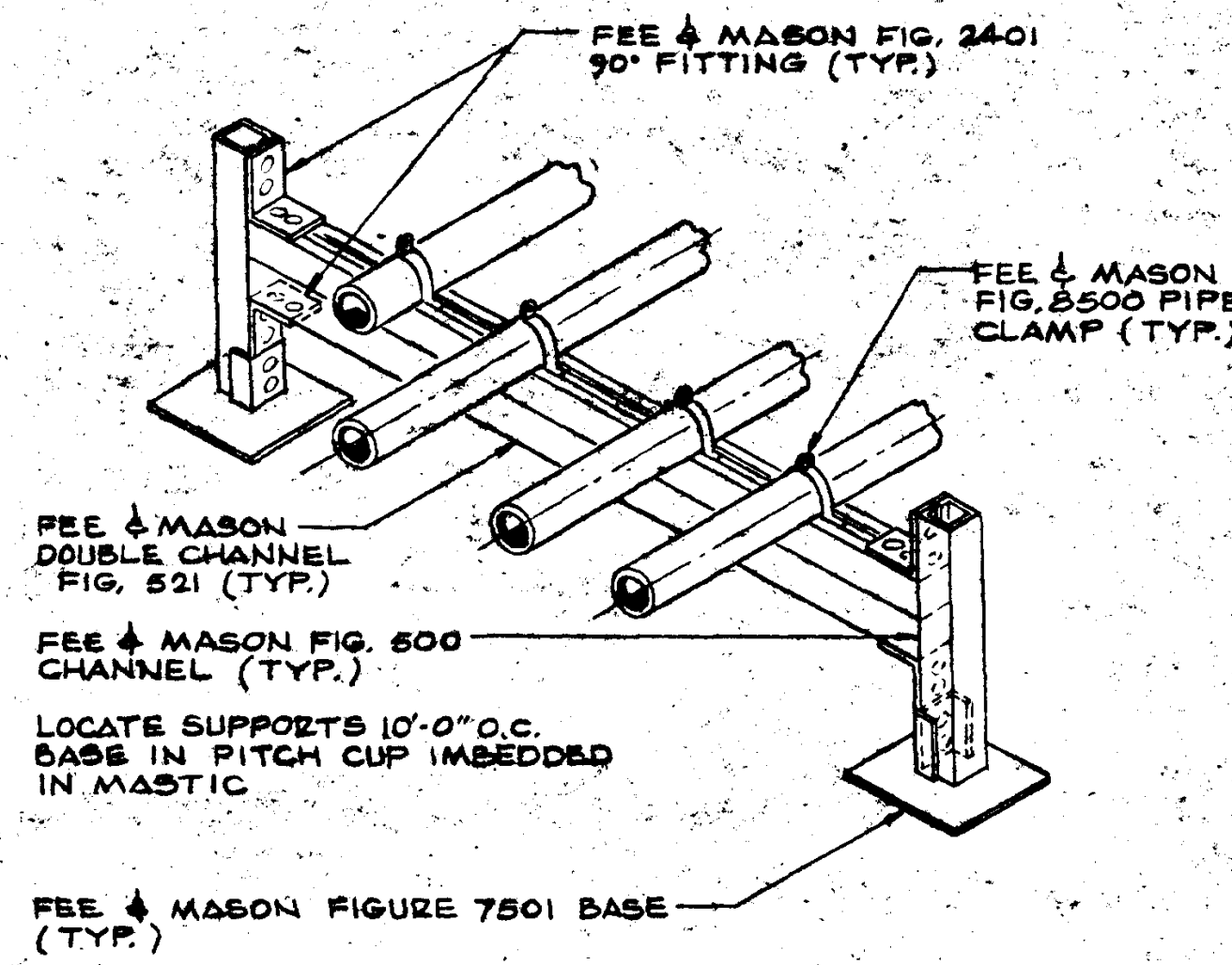
CHECKED BY  
H. C. WEEDEN

DATE 6/27/12

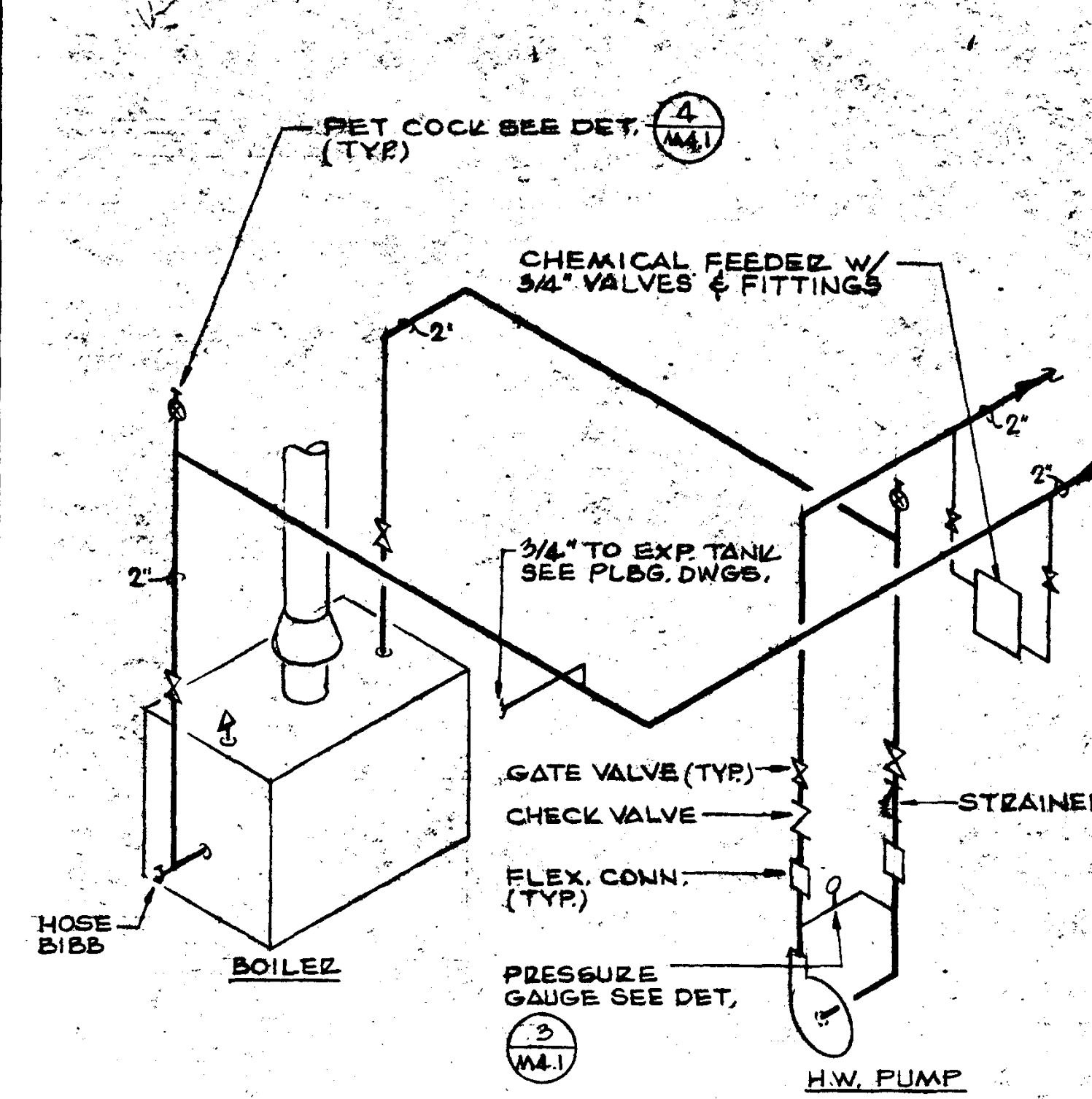


NOTES:

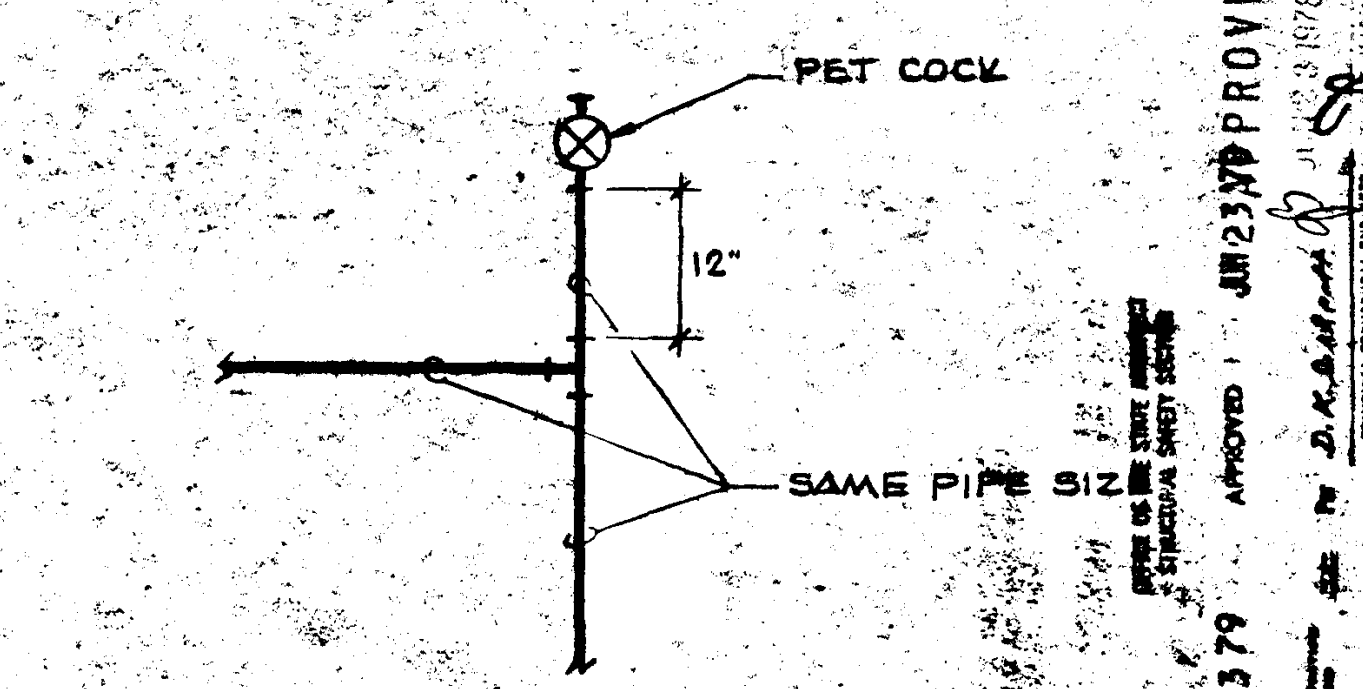
- 1) FOR PIPES SUSPENDED FROM CEILING USE FEE & MASON FIGURE 264 OFFSET PIPE CLAMPS AS REQUIRED.
- 2) FOR RISE PIPES USE FEE & MASON XHY RISE CLAMP FIGURE 335.
- 3) ALL PIPE SUPPORT PARTS TO BE GALVANIZED.



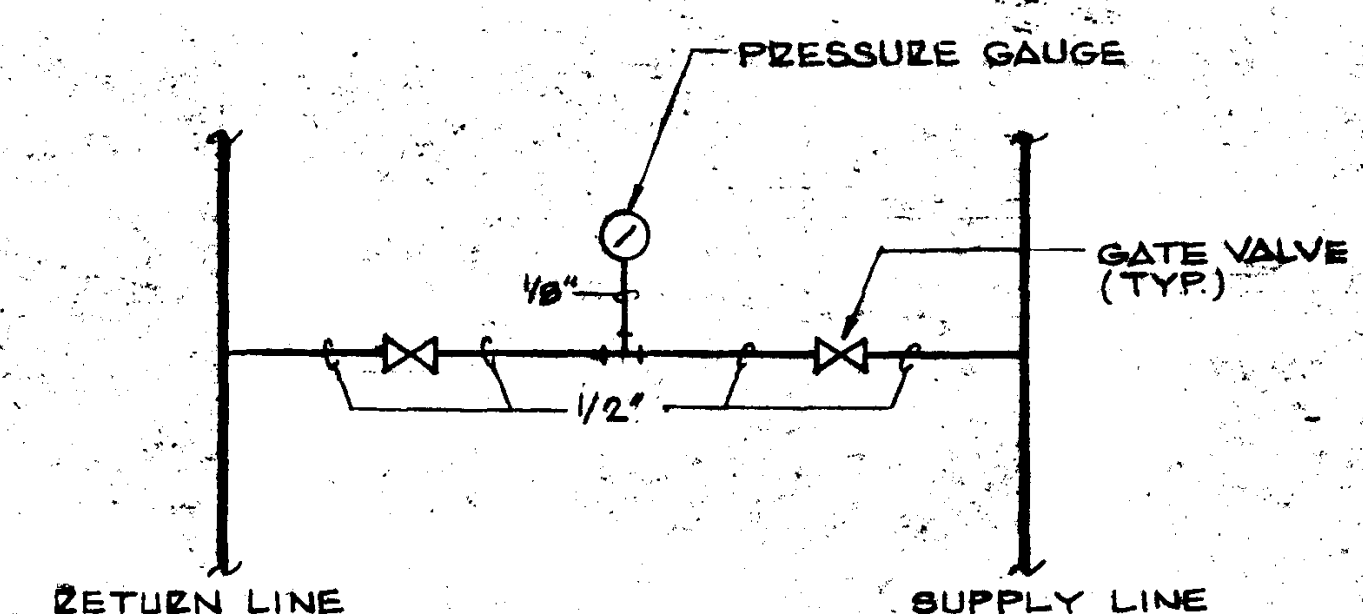
PIPE SUPPORT DETAIL



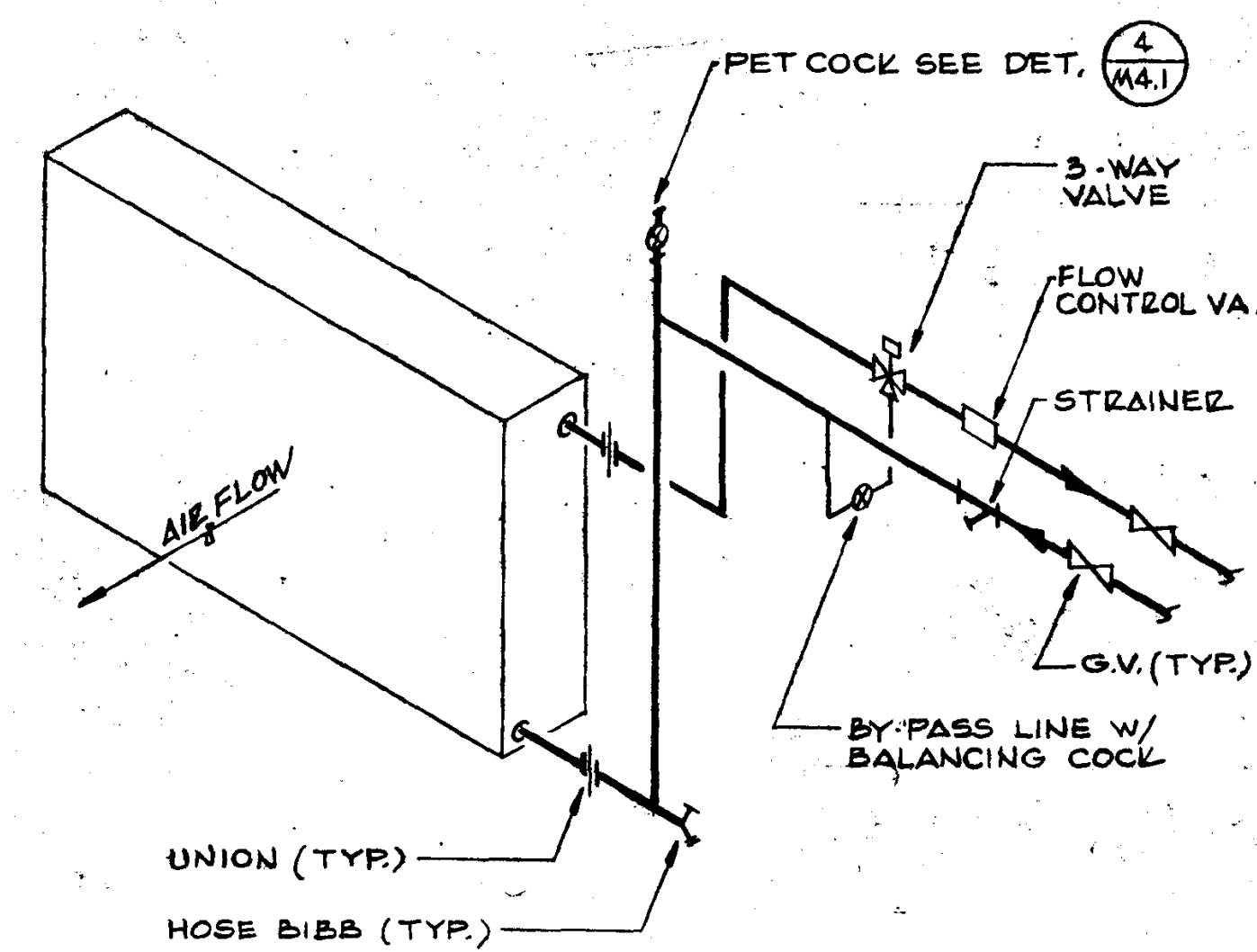
BOILER PIPING ISOMETRIC



PET COCK DETAIL

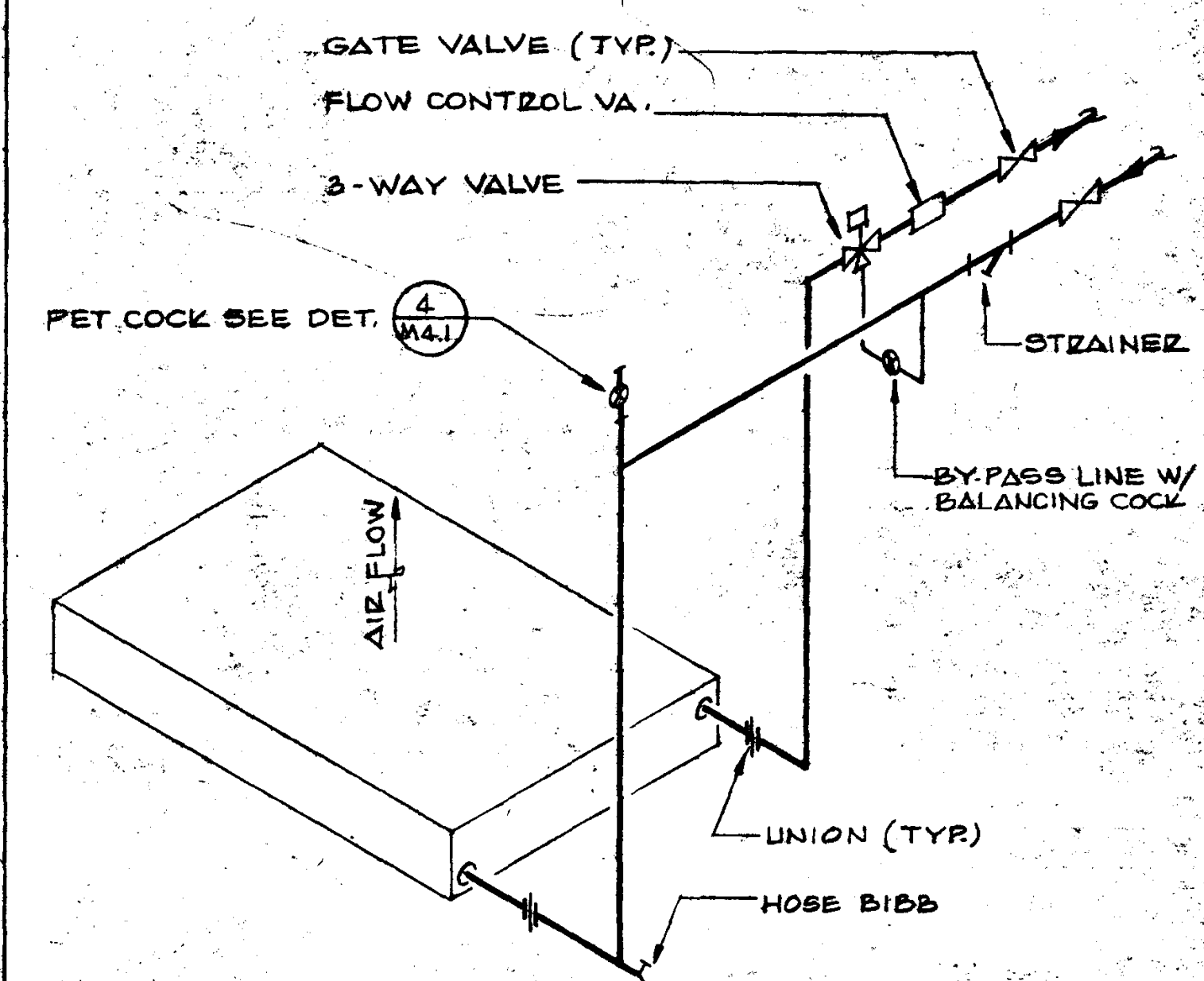


PRESSURE GAUGE DETAIL



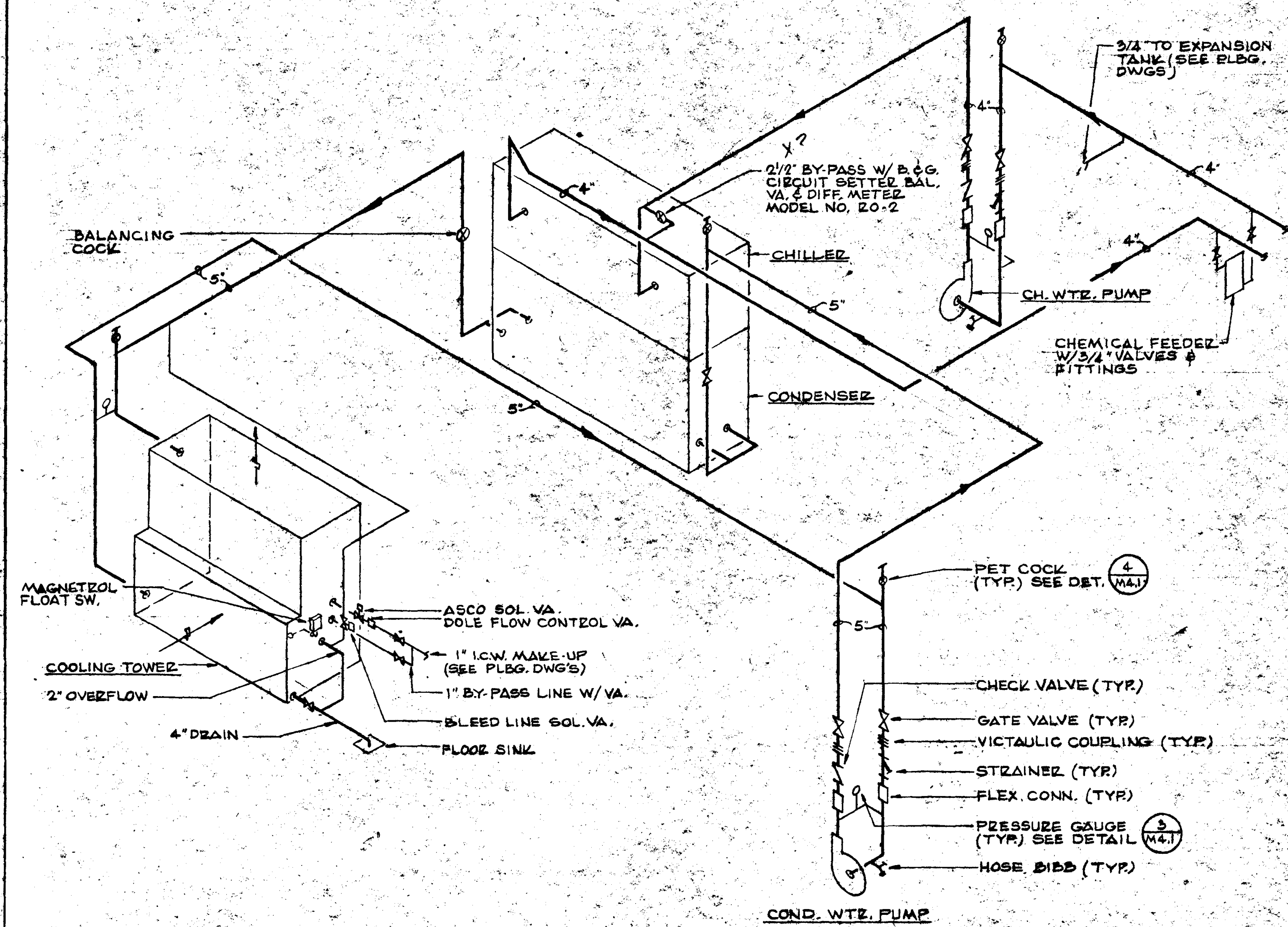
SYSTEM	MAIN LINES	BY-PASS LINE	3-WAY VALVE	G.P.M.	# P.D.	VA. SIZE
MZ-1	2 1/2"	2"	70	3	2"	2"
MZ-2	2 1/2"	2"	55	2	2"	2"
MZ-3	2 1/2"	2"	55	2	2"	2"
MZ-4	2"	1 1/2"	32	4	1 1/2"	1 1/2"

CHILLED WATER COIL ISOMETRIC



SYSTEM	MAIN LINES	BY-PASS LINE	3-WAY VALVE	G.P.M.	# P.D.	VA. SIZE
MZ-1	1 1/4"	1 1/4"	3	2	3/4"	3/4"
MZ-2	1"	1"	8	2	3/4"	3/4"
MZ-3	1"	1"	7	3	1/2"	1/2"
MZ-4	1"	1"	5	4	1/2"	1/2"

HOT WATER COIL ISOMETRIC



CHILLED AND CONDENSING WATER PIPING ISOMETRIC

WILLIAM L. PEREIRA ASSOCIATES  
PLANNERS-ARCHITECTS-ENGINEERS  
URANUS SQUARE MARATHON BLVD. AT FORD ROAD  
CORONA DEL MAR, CALIFORNIA 92625

EDUCATIONAL UNIT 2A  
**GOLDEN WEST COLLEGE**  
HUNTINGTON BEACH, CALIFORNIA  
COAST COMMUNITY COLLEGE DISTRICT

MECHANICAL  
EDUCATIONAL UNIT 2A  
ISOMETRICS & DETAILS

ISSUE DATE  
PROJECT NO. 76013.000  
SHEET NO. **M 4.1**  
SHEET 52 OF

6/62/76



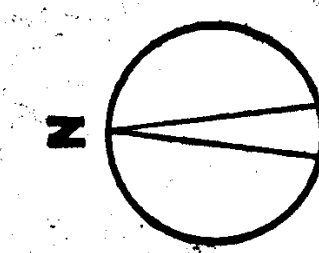
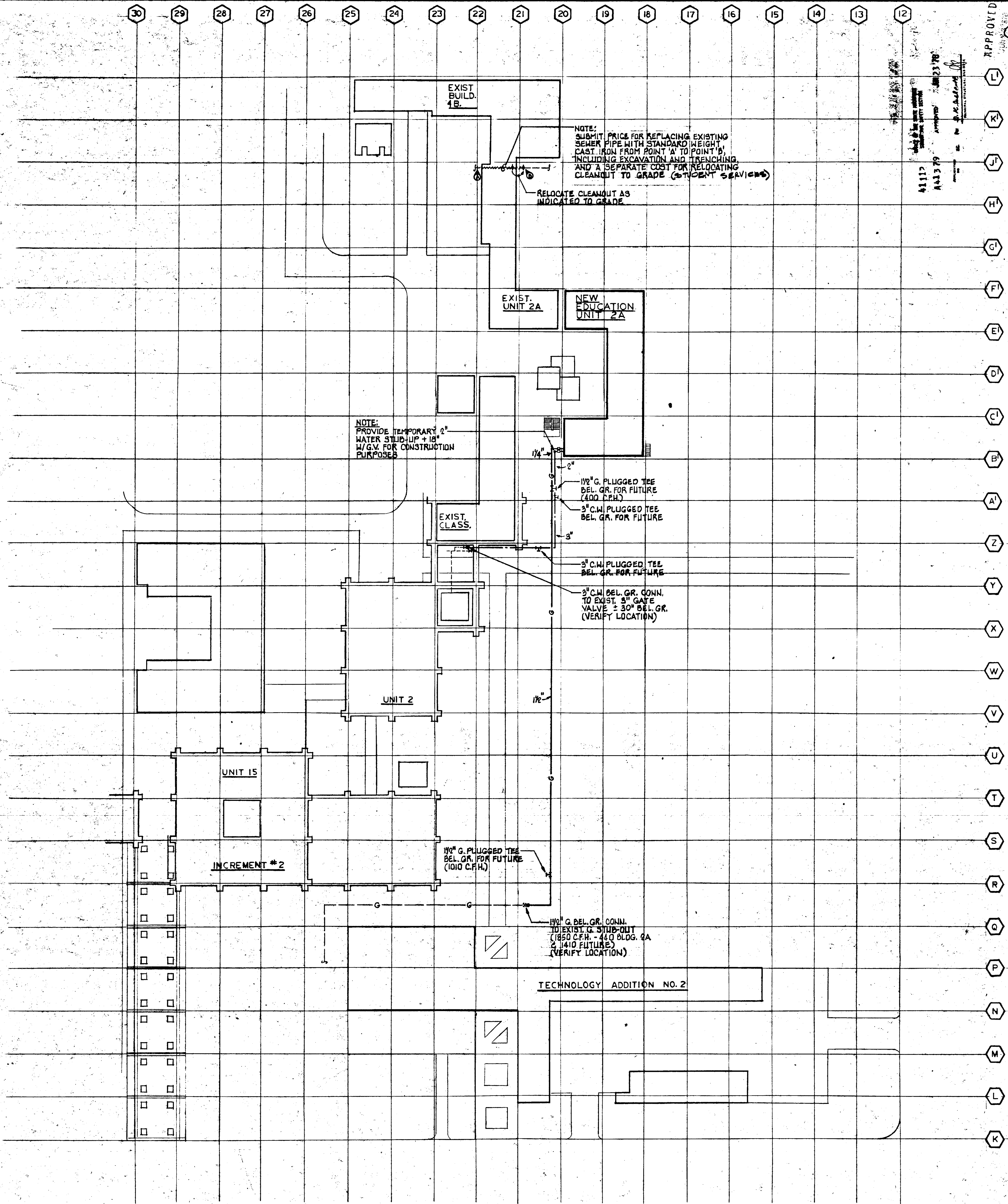
SYMBOLS AND ABBREVIATIONS				
SYMBOL	ABBREV.	DEFINITION	ABBREV.	DEFINITION
—W—	W.	WASTE BELOW GRADE	ABV.	ABOVE
—W—	W.	WASTE ABOVE GRADE	A.C.	AIR CONDITIONING
—V—	V.	VENT	BEL.	BELOW
—SW—	S.W.	STORM WATER	CLG.	CEILING
—C.W—	C.W.	COLD WATER	CONN.	CONNECT
—H.W—	H.W.	HOT WATER	CONT.	CONTINUATION
—H.W.R—	H.W.R.	HOT WATER RETURN	DET.	DETAIL
—G—	G.	GAS	DN.	DOWN
—C.O—	C.O.	CLEANOUT	FLR.	FLOOR
—F.C.O—	F.C.O.	FLOOR CLEANOUT	G.V.Y.B.	GATE VALVE IN YARD BOX
—G.C—	G.C.	GAS COCK	GR.	GRADE
—I.C.W—	I.C.W.	INDUSTRIAL COLD WATER	H.B.	HOSE BIBS
—I.D—	I.D.	INDIRECT DRAIN	I.E.	INVERT ELEVATION
—P.F—	P.F.	PARAPLEGIC FIXTURE	SHT.	SHEET
			TYP.	TYPICAL
			V.T.R.	VENT THRU ROOF
			W.C.O.	WALL CLEANOUT

SCHEDULE OF FIXTURE SYMBOLS & CONNECTIONS							
SYMBOL	FIXTURE	WASTE	TRAP	VENT	C.W.	H.W.	REMARKS
①	WATER CLOSET	4"	INT.	2"	1"	0	WALL HUNG F.V.
②	URINAL	2"	INT.	1 1/2"	3/4"	0	WALL HUNG F.V.
③	LAVATORY	2"	1 1/2" x 1 1/4"	1 1/2"	1/2"	1/2"	WALL HUNG
④	SERVICE SINK	3"	8"	2"	1/2"	1/2"	
⑤	DRINKING FOUNT.	2"	1 1/2"	1 1/2"	1/2"	0	ELECTRIC
⑥	PROJECTION ROOM SINK	2"	1 1/2"	1 1/2"	1/2"	1/2"	COUNTER MOUNTED
⑦	CLASSROOM SINK	2"	1 1/2"	1 1/2"	1/2"	1/2"	COUNTER MOUNTED
⑧	KITCHENETTE	2"	1 1/2"	1 1/2"	1/2"	1/2"	ROUGH IN & CONNECT PROVIDE DISPOSAL
⑨	STORE RM. SINK	2"	1 1/2"	1 1/2"	1/2"	1/2"	COUNTER MOUNTED
⑩	FLOOR DRAIN	2"	2"	1 1/2"	0	0	
⑪	FLOOR SINK	4" OR 2"	4" OR 2"	2" OR 1 1/2"	0	0	
⑫	ROOF DRAIN	0"	0	0	0	0	SIZED AS NOTED ON DWG.

FUEL GAS LOAD	
LOAD	C.F.H.
SPACE HEATING	400
WATER HEATING	40
TOTAL	440

DEVELOPED LENGTH OF PIPE - PRV. TO FURTHEST OUTLET = 70' FEET

WATER DEMAND	
LOAD	G.P.M.
BUILDING	50
FUTURE	0
TOTAL	50



REVISIONS	
NO.	DATE

PROJECT NO. 76013.001

SHEET NO. 53 OF 53

DATE 6/23/16

EDUCATIONAL UNIT 2A

PLOT PLAN

SCALE 1" = 40'

GOLDEN WEST COLLEGE

HUNTINGTON BEACH, CALIFORNIA

COAST COMMUNITY COLLEGE DISTRICT

WILLIAM L. PEREIRA ASSOCIATES

PLANNERS-ARCHITECTS-ENGINEERS

URBAN SQUARE MCARTHUR BLVD. AT FORD ROAD

CORONA DEL MAR, CALIFORNIA 92625

714.644.0820

APPROVED

PROJECT DIRECTOR

DESIGNED BY

DRAWN BY

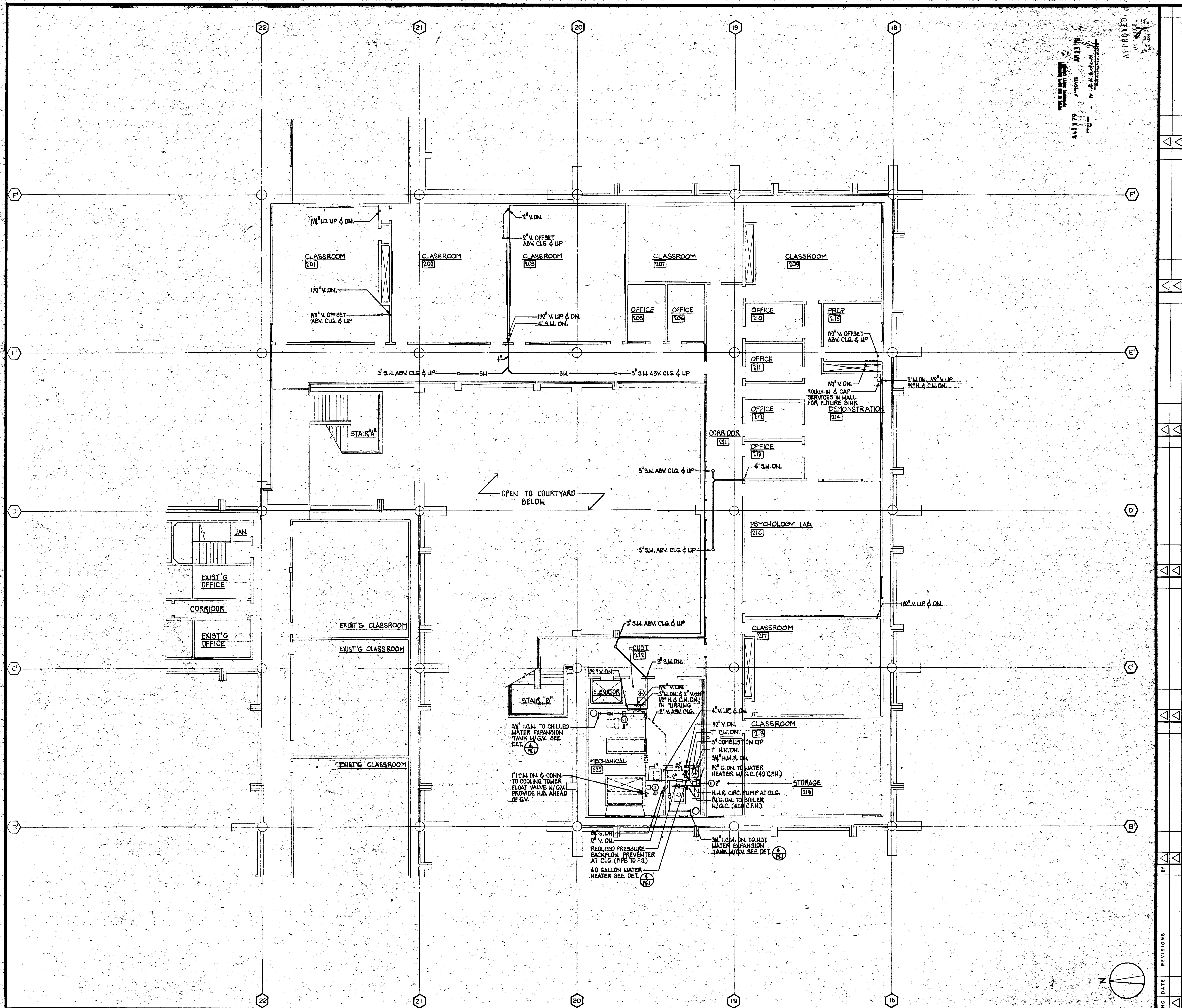
CHECKED BY

ENGINEER









441379  
 APPROVED  
 11/13/79  
 11/13/79  
 11/13/79

NO.	DATE	REVISIONS	BY

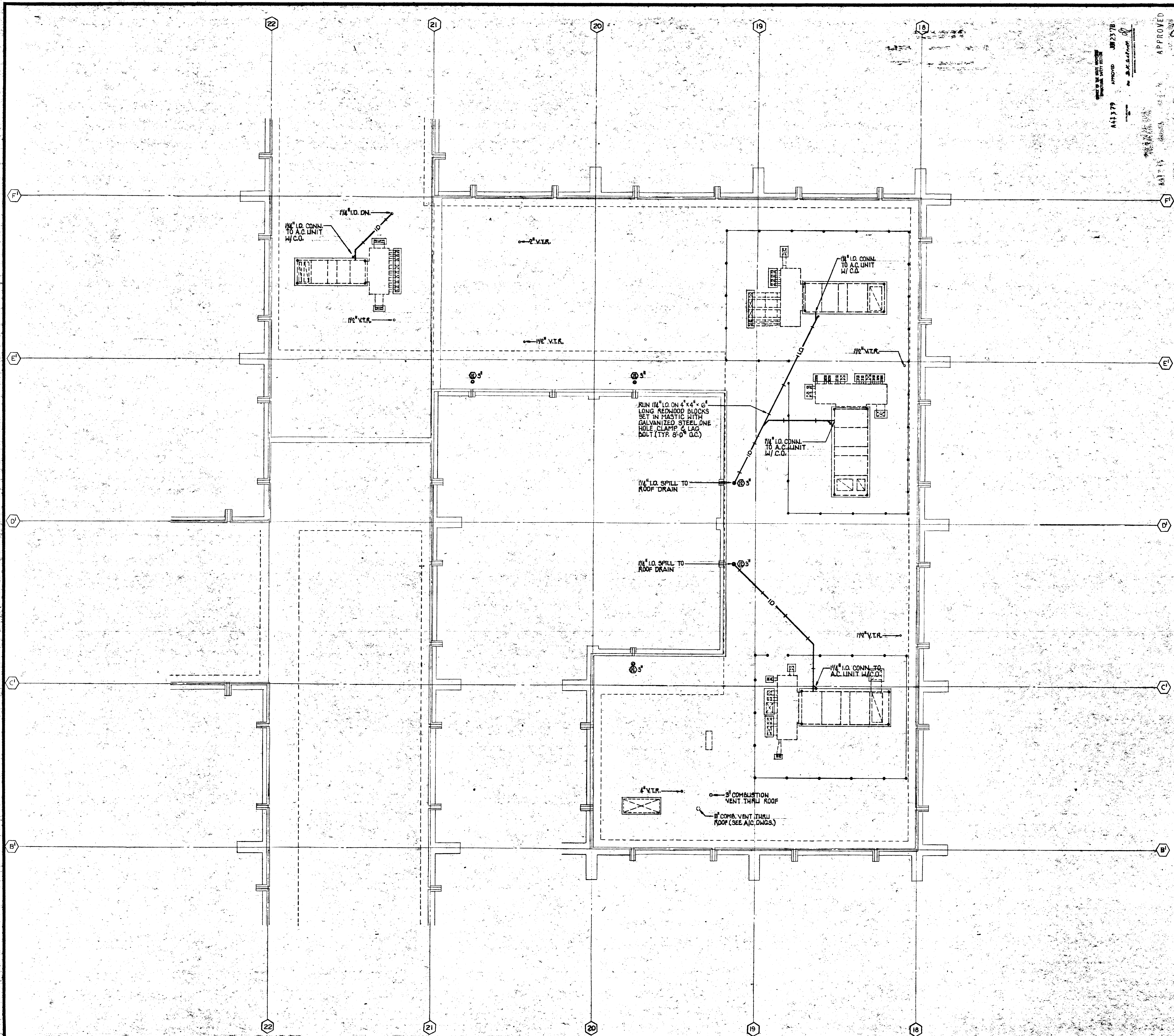
**WILLIAM L. PEREIRA ASSOCIATES**  
**PLANNERS - ARCHITECTS - ENGINEERS**  
 URBAN SQUARE MARATHON BLVD. AT FORD ROAD  
 CORONA DEL MAR, CALIFORNIA 92625

**GOLDEN WEST COLLEGE**  
 HUNTINGTON BEACH, CALIFORNIA  
 COAST COMMUNITY COLLEGE DISTRICT

**EDUCATIONAL UNIT 2A**  
**SECOND FLOOR PLAN**  
 SCALE 1/8" = 1'-0"

ISSUE DATE  
 PROJECT NO. 76013.000  
 SHEET NO. **P3.2**  
 SHEET 55 OF 55





APPROVED  
 JUN 23/78  
 441379

NO.	DATE	REVISIONS	BY

EDUCATIONAL UNIT 2A  
 ROOF PLAN

SCALE 1/8" = 1'-0"

SHEET 56 OF 56

6/23/78

**GOLDEN WEST COLLEGE**  
 HUNTINGTON BEACH, CALIFORNIA  
 COAST COMMUNITY COLLEGE DISTRICT

**WILLIAM L. PEREIRA ASSOCIATES**  
 PLANNERS • ARCHITECTS • ENGINEERS

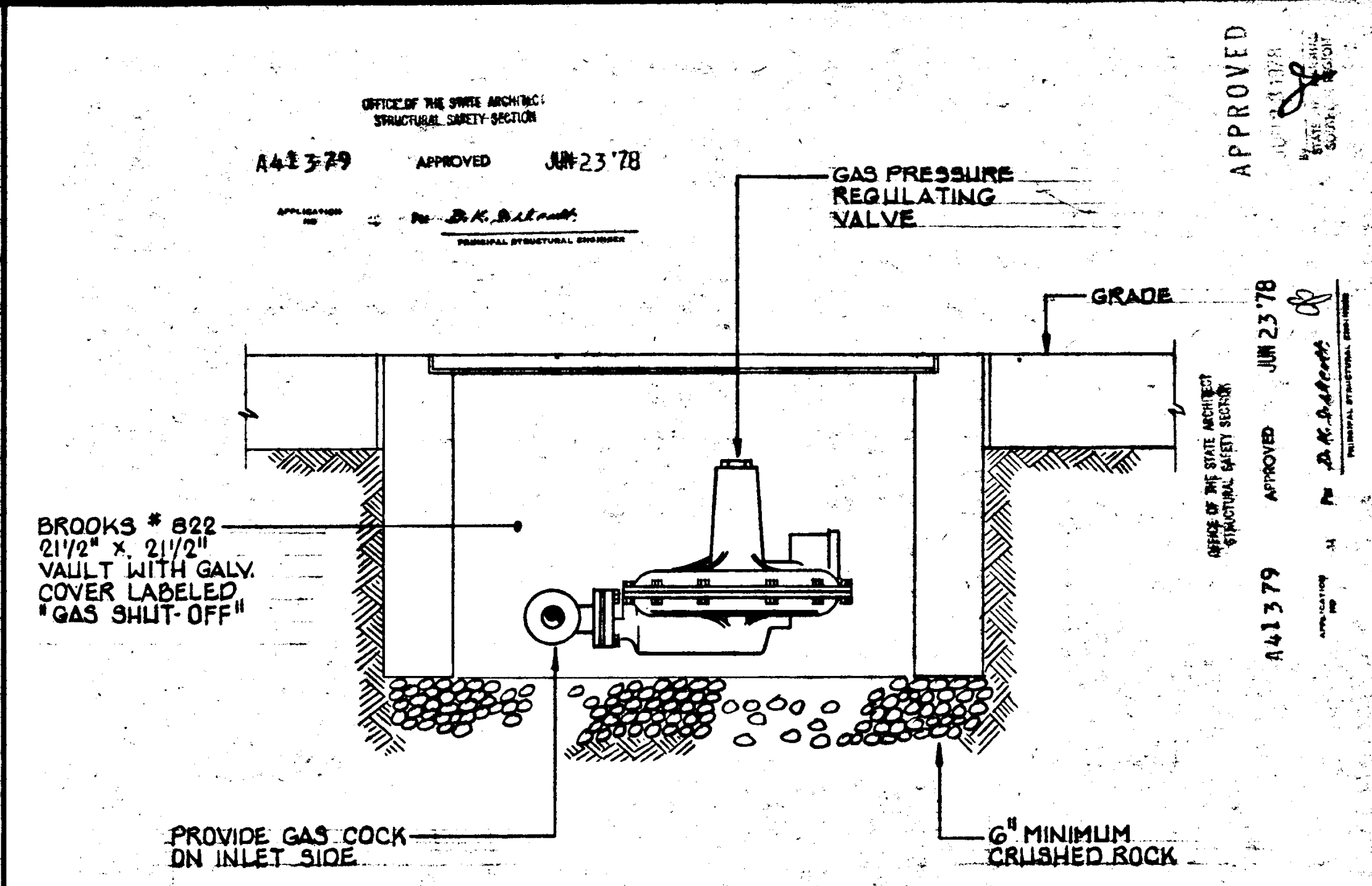
URBANUS SQUARE McARTHUR BLVD. AT FORD ROAD  
 CORONA DEL MAR, CALIFORNIA 92625

714/444-0620

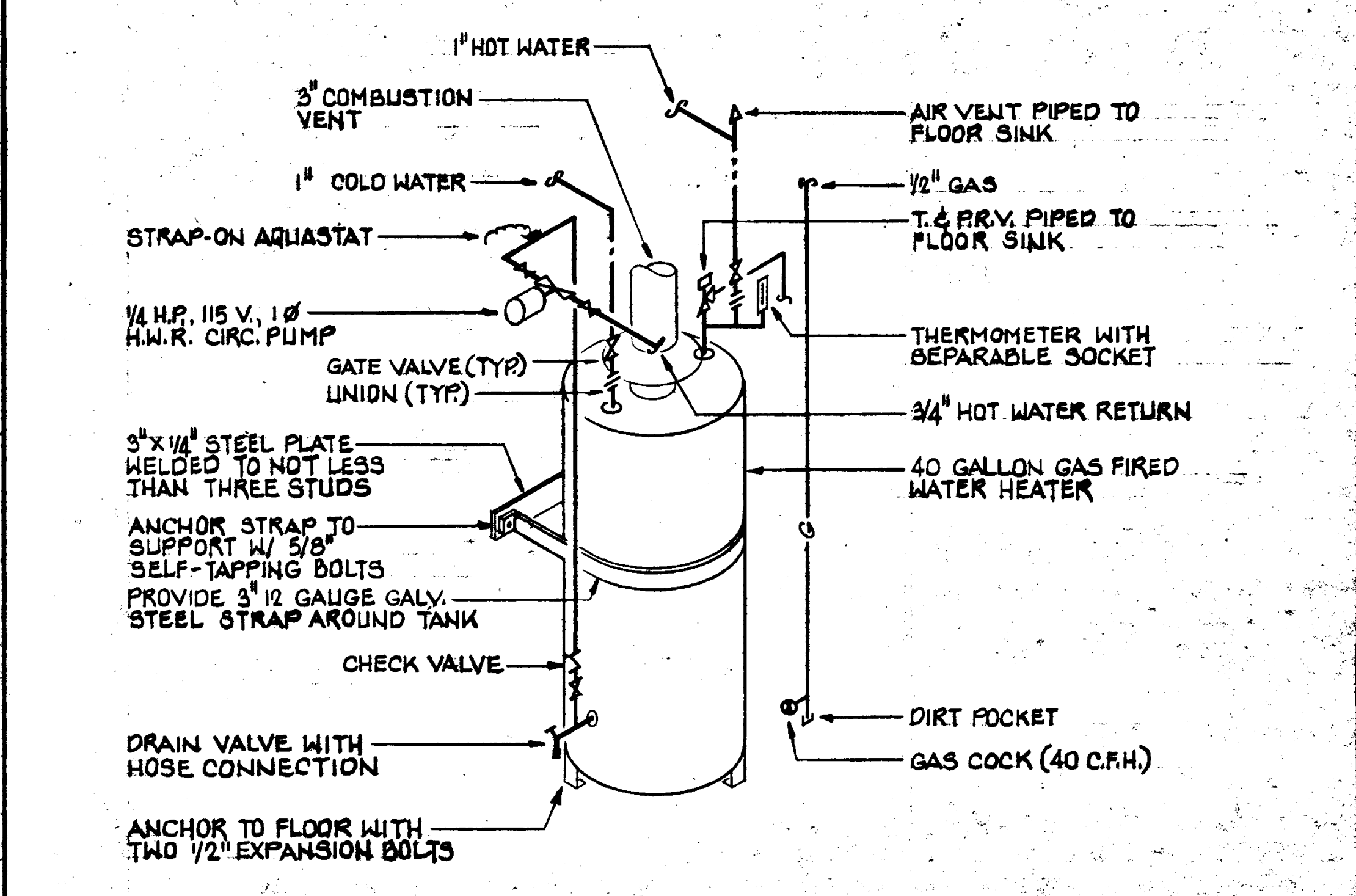
DESIGNED BY: DRP  
 DRAWN BY: SJR  
 CHECKED BY: [Signature]  
 APPROVED: [Signature]

PROJECT NO. 76013.000  
 SHEET NO. 56 OF 56

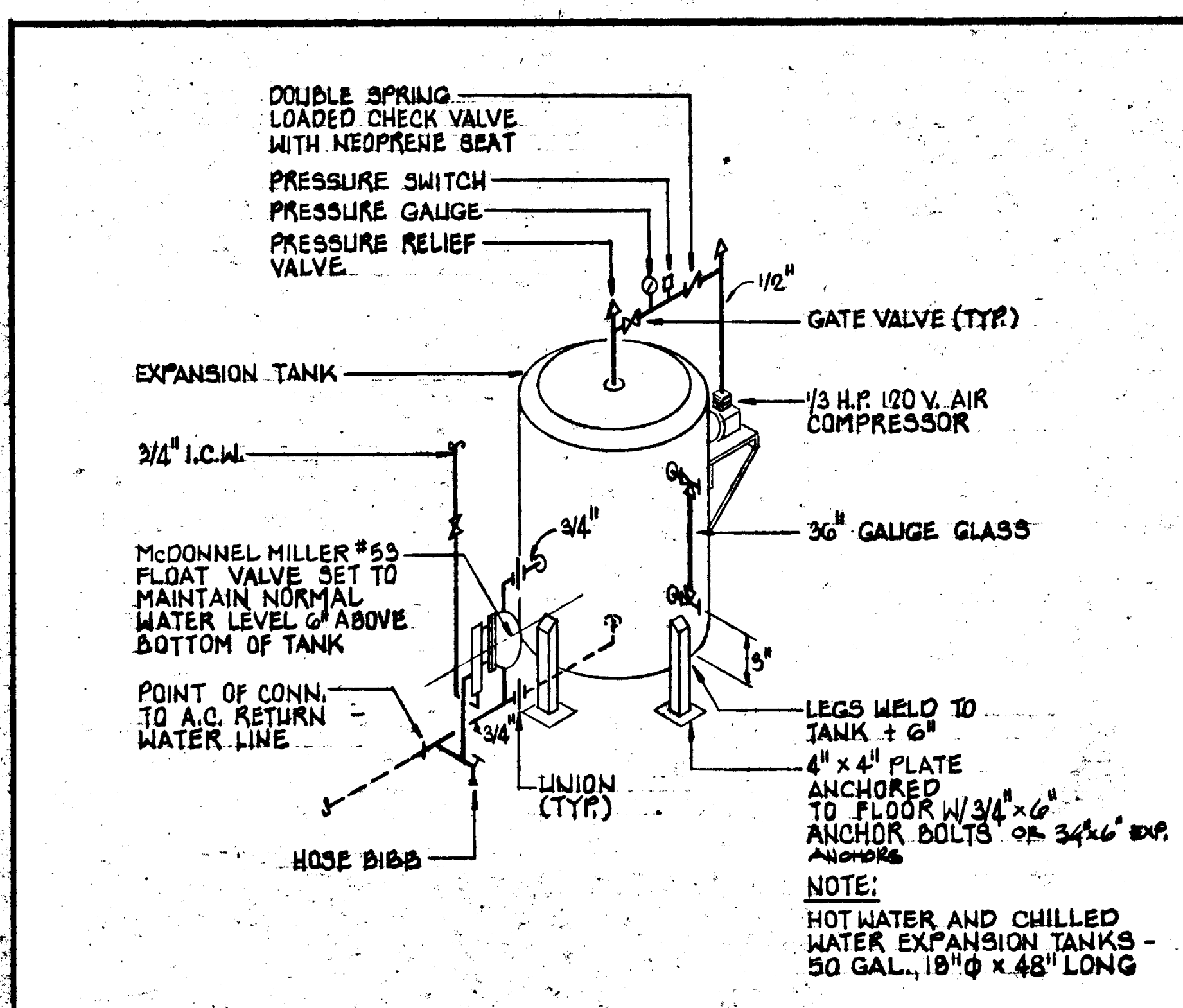




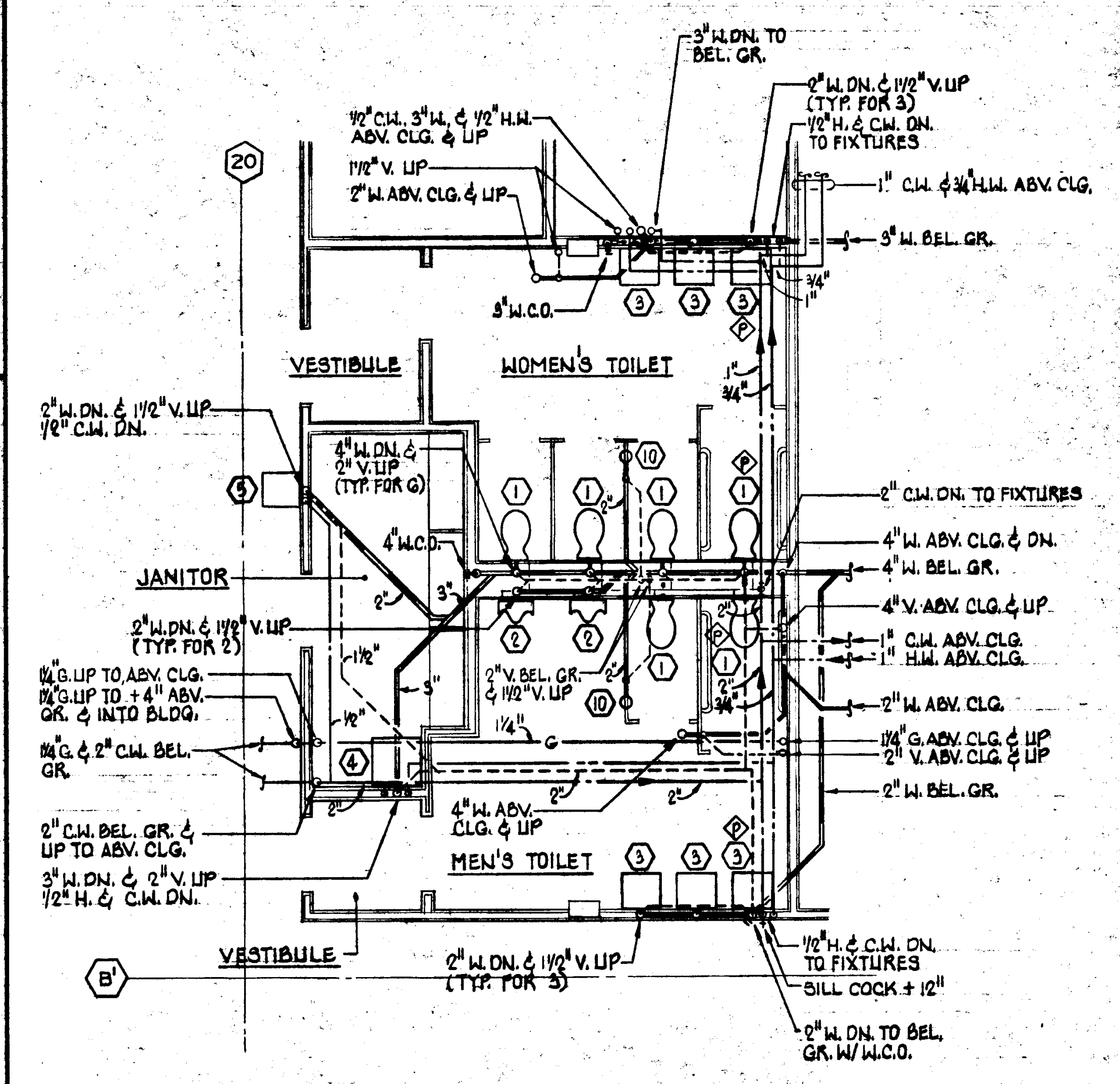
GAS PRESSURE REGULATOR IN ACCESS BOX



HOT WATER HEATER SCHEMATIC



EXPANSION TANK DETAIL



PARTIAL PLAN - TOILET ROOM

<b>WILLIAM L. PEREIRA ASSOCIATES</b> PLANNERS-ARCHITECTS-ENGINEERS URBANUS SQUARE MARTIN BLVD. AT FORD ROAD CORONA DEL MAR, CALIFORNIA 92625 714/644-0620		PROJECT NO. 76013.000 SHEET NO. <b>P5.1</b> SHEET 57 OF 61
PROJECT DIRECTOR J.L. HENSTLER AND ASSOCIATES J.L. HENSTLER J.L. HENSTLER J.L. HENSTLER	PROJECT DIRECTOR J.L. HENSTLER AND ASSOCIATES J.L. HENSTLER J.L. HENSTLER J.L. HENSTLER	PROJECT DIRECTOR J.L. HENSTLER AND ASSOCIATES J.L. HENSTLER J.L. HENSTLER J.L. HENSTLER
PROJECT DIRECTOR J.L. HENSTLER AND ASSOCIATES J.L. HENSTLER J.L. HENSTLER J.L. HENSTLER	PROJECT DIRECTOR J.L. HENSTLER AND ASSOCIATES J.L. HENSTLER J.L. HENSTLER J.L. HENSTLER	PROJECT DIRECTOR J.L. HENSTLER AND ASSOCIATES J.L. HENSTLER J.L. HENSTLER J.L. HENSTLER

EDUCATIONAL UNIT 2A  
 GOLDEN WEST COLLEGE  
 HUNTINGTON BEACH, CALIFORNIA  
 COAST COMMUNITY COLLEGE DISTRICT  
 SCALE: AS NOTED  
 4/23/72

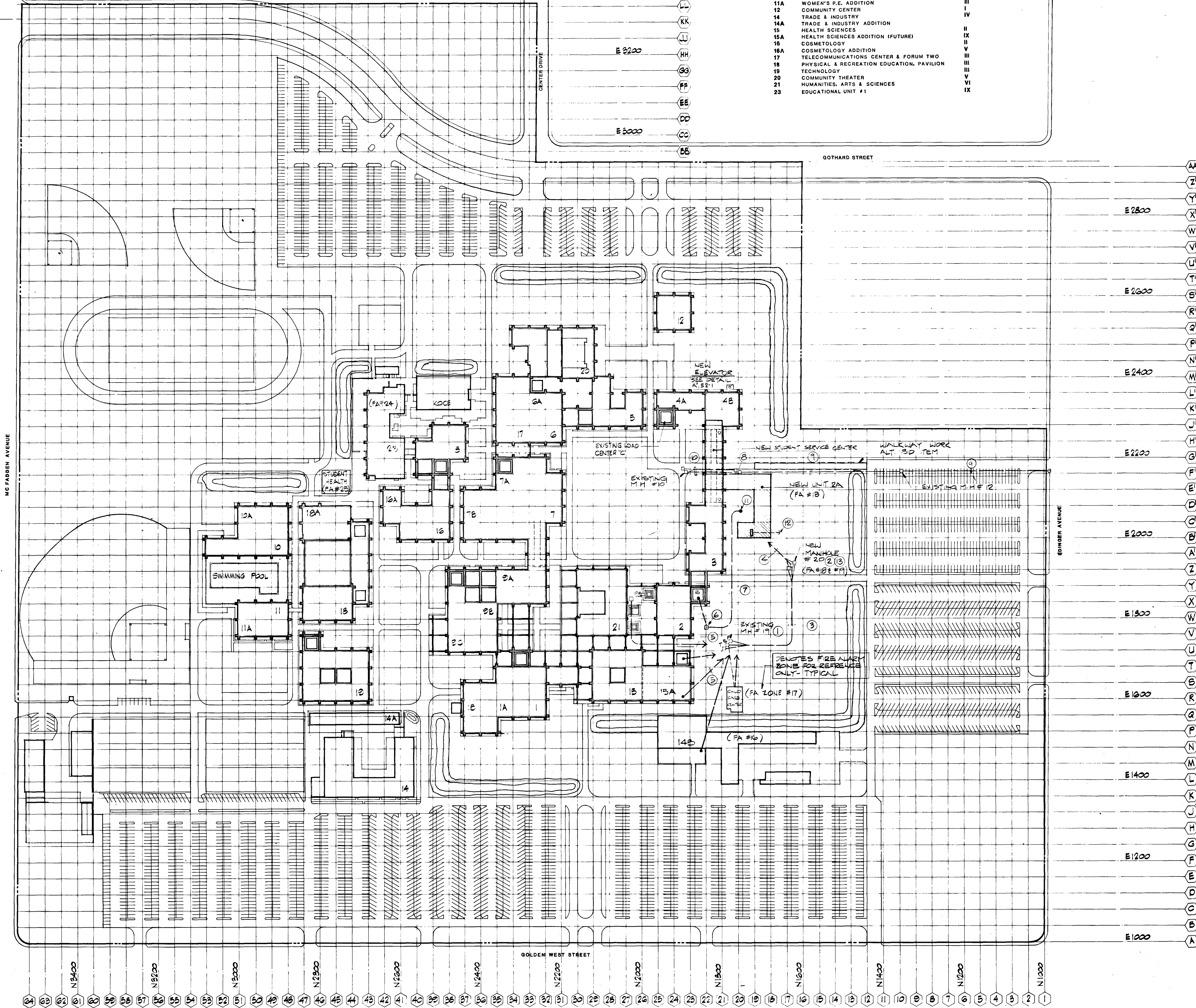


- PLAN NOTES**
- EXISTING MANHOLE #19; POWER, SIGNAL, TELEPHONE. PENETRATE CONDUITS INTO M.H. PATCH/REPAIR ENTRIES.
  - PROVIDE NEW MANHOLE #20 (POWER, SIGNAL AND TELEPHONE MANHOLES PER SPECIFICATIONS SHEET E2-2) COORDINATE EXACT LOCATION WITH ARCHITECT.
  - PROVIDE NEW DUCT BANK FROM MANHOLE #19 TO MANHOLE #20 AS FOLLOWS: (SEE DUCT BANK DETAIL)  
POWER: FEEDERS F1 AND F2, EACH 4" C. 3/4" O.D., 12KV (15KV) PER ONE LINE DIAGRAM SPLICE INTO EXISTING F1 AND F2 FEEDERS IN MANHOLE #19.  
SIGNAL: 4" C.O. (COMPUTER), 2" C. #12 (FIRE ALARM, ZONE #18 AND #19), 2" C. #12 (CLOCK), 4" C.O. (TV), 4" C.O. (SIGNAL SPARE).  
TELEPHONE: 3" C.O. (TEL.).  
ALL SIGNAL WIRES SHALL CONNECT TO EXISTING SIGNAL TERMINAL BLOCKS IN MANHOLE #19.
  - PROVIDE ALL CONDUIT AND WIRES PER NOTE #3 FROM MANHOLE #20 TO RESPECTIVE TERMINATION POINTS IN ELECTRICAL ROOM OF BUILDING 2A:  
POWER: F1 AND F2 TO UNIT SUBSTATION  
SIGNAL: COMPUTER, TV, SIGNAL SPARE TO AUDIO VISUAL BACKBOARD; CLOCK TO CLOCK PANEL.  
FIRE ALARM: 2" C. #12 (ZONE #18) TO FA PANEL (NOTE: ZONE #19 PER NOTE #3 TO BE SPARE IN NEW M.H. 20).

- TELEPHONE: TELEPHONE TO TELEPHONE BACKBOARD "TB".  
SEE DUCT BANK DETAIL "D", E-2, 2
- EXISTING POWER, SIGNAL AND TELEPHONE DUCT BANKS ENTERING MANHOLE #19.
  - TEMPORARY POWER: EXISTING PULLBOX WITH TWO 2" C. 3/4" O TO LOAD CENTER "B" AND TAPED OFF IN PULL-BOX. EACH SET OF CONDUCTORS TERMINATES ONTO A 225A/2P (120/208V, 1Ø, 3W) CIRCUIT BREAKER AT LOAD CENTER "B".
  - PICK UP AND EXTEND ONE 2" C. 3/4" O IN EXISTING PULLBOX PER NOTE #6 AND RUN TO CENTRAL AREA OF PROJECT (6" BELOW GRADE) AND TERMINATE PER NOTE #11 AND AS DIRECTED BY CONTRACT MANAGER. REMOVE THE 2" C. 3/4" O FROM NEW PROJECT TO PULLBOX AT A TIME DIRECTED BY CONTRACT MANAGER. PATCH AND REPAIR TRENCH.
  - EXISTING MANHOLE #11. CLOSURE MANHOLES (POWER & SIGNAL) PER DETAIL E-2, 5/12
  - EXISTING TWO 4" C. (TELEPHONE).
  - EXISTING TWO 4" C. (TELEPHONE), 2 - 2" C.O. (SPARES), 1 - 3" C.O. (SPARE), 2 - 4" C.O. (SPARE-POWER) SEE SHEET E1-2.
  - TEMPORARY SERVICE PER DETAIL "H" E2-2

NO.	BLDG. NAME	INCREMENT
1	MATHEMATICS & SCIENCES	I
1A	MATHEMATICS & SCIENCES ADDITION	VIII
1B	MATHEMATICS & SCIENCES ADDITION	I
2	FORUM ONE	I
3	BUSINESS & SOCIAL SCIENCES	I
4A	COUNSELING SERVICES CENTER	I
4D	ADMINISTRATION	I
5	COMMUNICATIONS	I
6	MUSIC	VIII
6A	MUSIC ADDITION	I
7	LIBRARY	I
7A	MULTI-MEDIA CENTER	VIII
7B	LIBRARY & AUDIO-VISUAL ADDITION	I
8	FINE & APPLIED ARTS	I
9A	COLLEGE STORE, STUDENT ACTIVITIES	I
9D	FOOD SERVICE ADDITION	I
10	MEN'S P.E. ADDITION	III
10A	MEN'S P.E. ADDITION	III
11	WOMEN'S P.E. ADDITION	III
11A	WOMEN'S P.E. ADDITION	III
12	COMMUNITY CENTER	IV
14	TRADE & INDUSTRY	IX
14A	TRADE & INDUSTRY ADDITION	IX
15	HEALTH SCIENCES	III
15A	HEALTH SCIENCES ADDITION (FUTURE)	III
16	COSMETOLOGY	V
16A	COSMETOLOGY ADDITION	V
17	TELECOMMUNICATIONS CENTER & FORUM TWO	III
18	PHYSICAL & RECREATION EDUCATION PAVILION	III
19	TECHNOLOGY	III
20	COMMUNITY THEATER	III
21	HUMANITIES, ARTS & SCIENCES	IX
23	EDUCATIONAL UNIT #1	IX

- PLAN NOTES (CONT.)**
- PROVIDE STUB OUTS AS FOLLOWS:  
1-2" C.O. FROM TEL. BACKBOARD  
1-1/2" C.O. FROM CLOCK PANEL  
1-2" C.O. FROM FA PANEL  
1-2" C.O. FROM COMPUTER/AV BACKBOARD  
1-2" C.O. FROM PANEL "C"  
2-3" C.O. FROM DISTRIBUTION BOARD "D5"  
STUB OUT AND CAP ALL CONDUITS 15' SOUTH OF BUILDING.
  - INSTALL MANHOLES ON CENTER BETWEEN GRID LINES 16-17 AND A-2



APPROVED  
DATE: 6/2/78  
BY: [Signature]  
PROJECT ARCHITECT

WILLIAM L. PEREIRA ASSOCIATES  
PLANNERS-ARCHITECTS-ENGINEERS

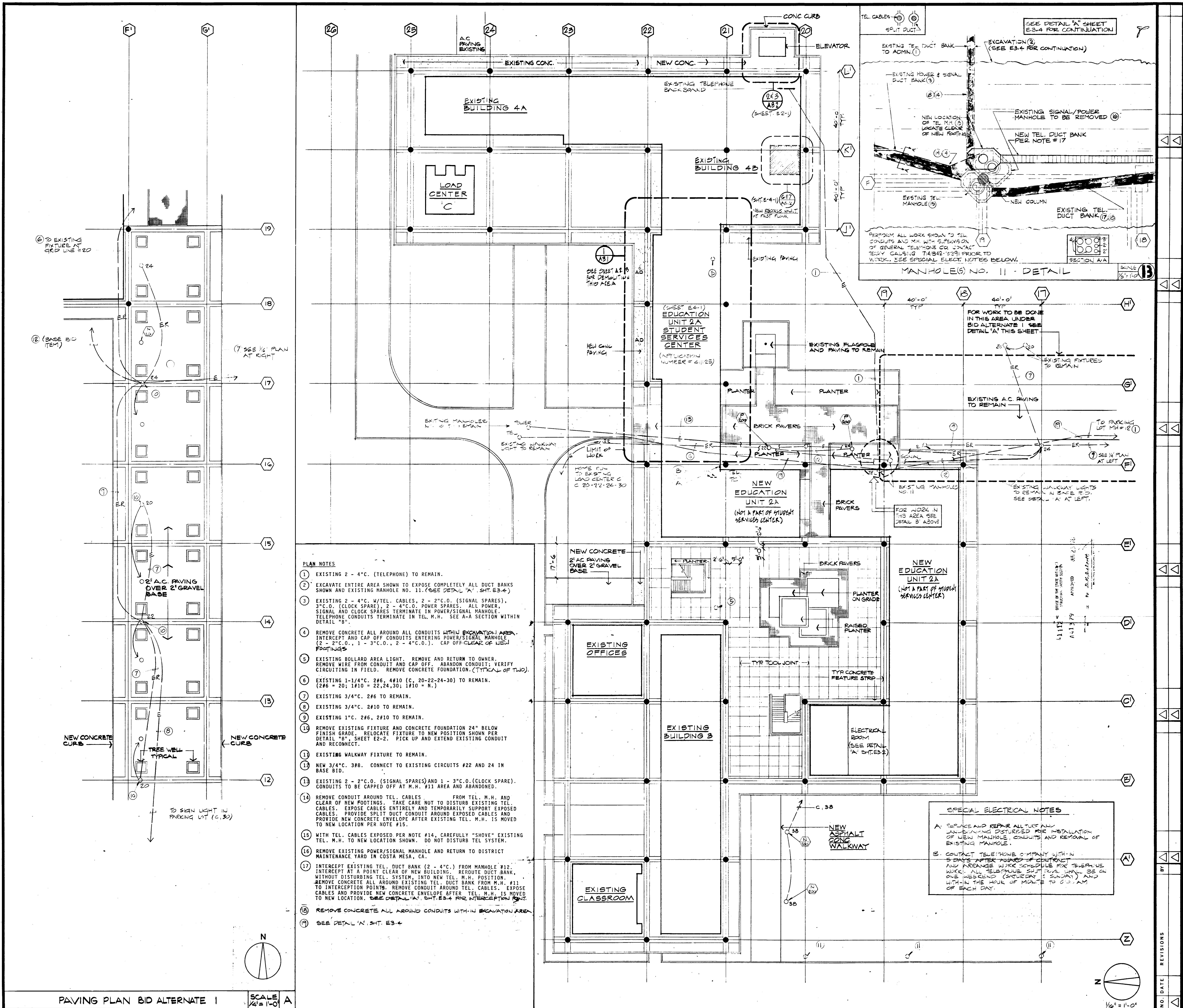
EDUCATIONAL UNIT 2A  
**GOLDEN WEST COLLEGE**  
HUNTINGTON BEACH, CALIFORNIA  
COAST COMMUNITY COLLEGE DISTRICT

ELECTRICAL  
**SITE PLAN**

ISSUED FOR BIDDING  
ISSUED  
PROJECT 76013-000  
76013-001  
SHEET  
**E1.1**  
58 OF

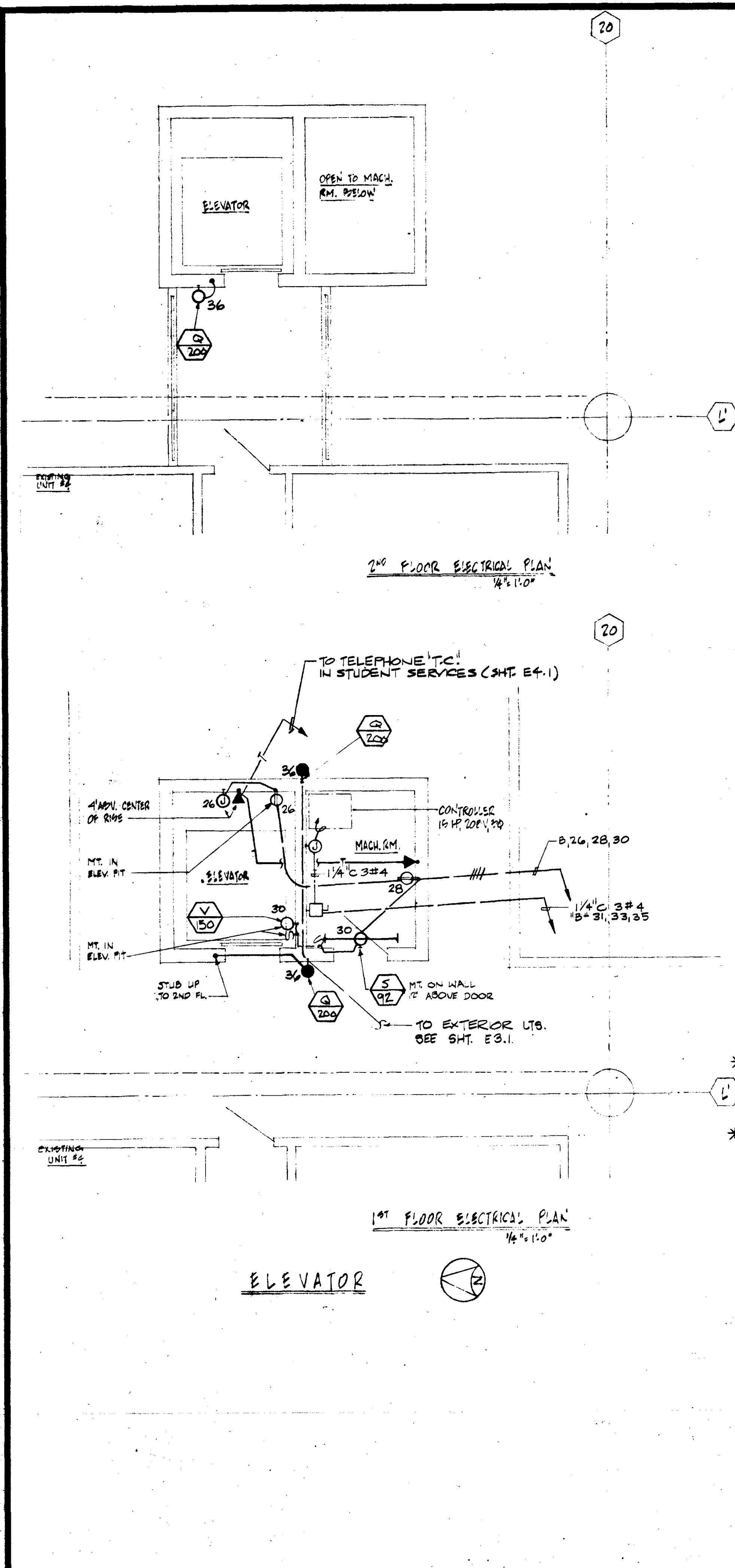
FBA # 173-20 AND 173-30  
6/3/78





WILLIAM L. PEREIRA ASSOCIATES PLANNERS-ARCHITECTS-ENGINEERS URBAN SQUARE MARKTUBE BLVD. AT FOND ROAD CORONA DEL MAR, CALIFORNIA 92625	
GOLDEN WEST COLLEGE HUNTINGTON BEACH, CALIFORNIA COAST COMMUNITY COLLEGE DISTRICT	
ENLARGED SITE PLAN ELECTRICAL	
SCALE 1/4" = 1'-0"	
PROJECT NO. 0013001	
SHEET NO. E1.2	
SHEET 59 OF 60	
DATE 6/23/20	
BY [Signature]	
CHECKED BY [Signature]	
DESIGNED BY [Signature]	
PROJECT DIRECTOR [Signature]	
ARCHITECT [Signature]	





FIXTURE SCHEDULE (SEE SPECIFICATIONS)									
TYPE	DESCRIPTION	QTY	WATTS	LAMPS	CONV.	CONV.	CONV.	CONV.	MOUNTING
A	30' X 30' RECESSED FLUORESCENT	12	2	R40 CW					R
B	24' X 24' RECESSED FLUORESCENT	12	2	R40 CW					R
C	6' X 8' RECESSED FLUORESCENT	184	2	R40 CW					R
D	RECESSED INCANDESCENT	300	1	R40 FL					R
E	RECESSED INCANDESCENT	150	1	150 SBT					R
F	CEILING MOUNTED MERCURY VAPOR WITH POWER HOOD ASSEMBLY AND POWER GRID. REFRACTIVE GRID LENS AND SQUARE FINISH. FINISH AND COLOR AS SELECTED BY ARCHITECT. HOODS: 1/2" X 1/2" X 1/2" WITH 5025 AND 1/2" X 1/2" X 1/2" POWER HOOD. SEE DETAIL #30. ALL FOR MOUNTING AND DELIVERY BY ELEC. CONTR.	466	1	400 H35L 4000lm					S
H	PRESCOLITE #84-844 BLACK ALUM. REFLECTOR	150	1	150 R40					R
I	PRESCOLITE #105M-7 (SQUARE) RECESSED PRESNEL LENS	150	1	150 R40					R
J	PRESCOLITE #1060H-175-MV-744 BLACK CONE & BLACK TRIM	200	1	175 MV-DI					Z
K	EXIT LIGHT - SPECIAL. SEE DETAIL #17, SHEET A-16. MOLDCAST #12-4175	50	2	20 T-6W					SPECIAL
L	EXIT LIGHT. MOLDCAST #401-DC	50	2	20 T-6W					N-ABOVE DOOR
M	LIGHTER #CD4-6182 PENDANT AT 9' GUY WIRE AWAY FROM ANY OBSTRUCTION WITH IN 45° SWING. SAME AS "M" EXCEPT #CD4-6182 WALKWAY LIGHT PER DETAILS A & B, SHT. E2-2.	184	4	F40 CW					P
N	WALKWAY LIGHT PER DETAILS A & B, SHT. E2-2.	92	2	F40 CW					P
P	WALKWAY LIGHT PER DETAILS A & B, SHT. E2-2.	200	1	175 MV					ROLE
Q	PRESCOLITE #1184-175B-980 BLACK CONE	200	1	175 MV					1/2" X 7/8" TO BOTTOM OF FIXTURE
R	ACME #762-12-4025 CONCRETE TYPE FOR PLASTER AND SUSPENDED CEILING	92	2	240 CW					R
S	ACME #22-4025-WG WIRE GUARD	92	2	240 CW					S
T	ACME #10-4025 (SEE DETAIL #16, A12-1)	30	1	240 CW					S IN COR
V	BEVANT 5228 (KEY-LESS) W/WIRE GUARD	50	1	150 LE					N/S AS SHOWN
W	MOLDCAST #V-161 (PRISMATIC GLASS) WITH BOTTOM OR BACK J-BOX. N WALLS OF STAIRS PER ARCH. DETAILS - SEE LOCATION.	50	1	40 T-10					REC. IN CONC. WALL
WW	MOLDCAST #V-501-MOUNTED VERTICAL - WITH HORIZONTAL LENS TO MATCH TYPE "W" - MOUNT PER ARCHITECTURAL DETAIL.	50	1	40 T-10					R - IN CONC. WALL
X	LIGHT TRACK - SYSTEM	300	2	150 SBT					S
Y	PRESCOLITE #84-844 WHITE RECESSED "EYE BALL" TYPE	75	1	75 R30 FL					R

APPROVED EQUALS FOR LISTED FIXTURES:  
GLOBE, PENDANT, MARCO, LIGHTER.

\* FURNISHED, INSTALLED & LAMPED BY INTEGRATED CEILING MFG. PROVIDE JUNCTION BOX ABOVE FIXTURES WITH CIRCUIT LEAD WIRES FOR EXTENSION TO FIXTURES BY CEILING MFG.

\* TYPE "M" & "MM" FIXTURES. PAINT OUT TO MATCH EXISTING FLUORESCENT FIXTURES TO BE REMOVED PER SHT. E4-1. STEM SHALL HAVE BALL ALIGNER TO ALLOW SWING 45° IN ANY DIRECTION. STEM AND CANOPY TO MATCH FIXTURE.

### ELECTRICAL

SIGNAL SYSTEM CABINET (TELEPHONE, TV, CLOCK, INTERCOM, P.A., F.A., ETC.)

CONDUIT RUN CONCEALED IN WALL OR CEILING.

CONDUIT HOME RUN TO PANEL A, CIRCUITS 1, 3, 5.

CONDUIT RUN CONCEALED UNDER FLOOR OR BELOW GRADE. 3/4" C. MINIMUM, QUANTITY OF CONDUCTORS AS INDICATED.

CONDUIT RUN EXPOSED.

CONDUIT RUN UP OR DOWN IN WALL.

2112-1/2" C. 4112-3/4" C. 6112-1" C.  
3112-1/2" C. 5112-3/4" C. 7112-1" C.  
WIRE SIZE OTHER THAN #12 IS NOTED ON EACH CONDUIT RUN, WITH SIZE OF CONDUIT (I.E., 3/4" 3/4" C.)

UNDERGROUND CONDUIT STUBBED OUT 5'-0" FROM BUILDING AND CAPPED OR AS NOTED.

CLOCK & PROGRAM SYSTEM CONDUIT, 6/14, 3/4" C.

FIRE ALARM SYSTEM CONDUIT, 6/14, 3/4" C.

---ER--- DENOTES EXISTING TO REMAIN UNLESS OTHERWISE DESIGNATED. PROVIDE NEW CONDUCTORS WHERE WIRE DESIGNATIONS ARE SHOWN (TYPICAL ALL SYSTEMS).

---X--- DENOTES EXISTING INCANDESCENT FIXTURE OUTLET TO REMAIN UNLESS OTHERWISE DESIGNATED (TYPICAL FOR ALL SYMBOLS).

---X\*--- DENOTES POINT OF INTERCEPTION - NEW CONDUIT WITH EXISTING. REMOVE EXISTING CONDUCTORS AND INSTALL NEW CONDUCTORS FOR ENTIRE FEEDER LENGTH. CAPACITY OF NEW CONDUCTORS EQUAL TO OR GREATER THAN CONDUCTORS REMOVED.

---E--- EXISTING CONDUIT & WIRE TO BE ABANDONED (TAPE OFF ALL EXISTING WIRE TO BE ABANDONED).

① REFER TO PLAN NOTE NO. 1

② COMPUTER OUTLET. 20 BOX WITH 3/4" RING AT +12"

③ COMPUTER OUTLET. FLUSH IN FLOOR. TELEPHONE TYPE FLUSH FLOOR OUTLET.

### GENERAL NOTES

- IN THE EVENT OF A CONFLICT OR INCONSISTENCY BETWEEN ITEMS CALLED OUT ON THE PLANS OR IN THE SPECIFICATION OR CONFLICTS WITH CODE REQUIREMENTS APPLYING TO THE SAME MATTER, THAT CALL-OUT, CODE, OR SPECIFICATION WHICH PRESCRIBES AND ESTABLISHES THE HIGHER STANDARD SHALL TAKE PRECEDENCE AND BE COMPLIED WITH.
- ALL PENETRATIONS OF FIRE RATED SURFACES SHALL BE PROVIDED WITH NON-COMBUSTIBLE MATERIAL OF FIRE RATING EQUAL TO THE MATERIAL PENETRATED.
- COORDINATE EXACT LOCATIONS OF ALL LIGHTING FIXTURES AND SPEAKERS WITH ARCHITECTURAL REFLECTED CEILING PLANS. COORDINATE EXACT LOCATIONS OF ALL POWER AND SIGNAL OUTLETS IN FLOORS AND WALLS WITH ARCHITECTURAL FURNITURE PLANS.
- REFER TO MECHANICAL DRAWINGS AND SPECIFICATIONS AND PROVIDE ALL OUTLETS CONDUIT, CONDUCTORS, DISCONNECT SWITCHES, MOTOR STARTERS, RELAYS, CONNECTIONS AND CONTROL DEVICES, ETC., PER CONTROL WIRING DIAGRAMS AND AS REQUIRED FOR COMPLETE AND OPERABLE HEATING, VENTILATING, AIR CONDITIONING AND PLUMBING SYSTEMS. NO EXTRA WILL BE ALLOWED FOR FAILURE TO COMPLY WITH THIS REQUIREMENT.
- ENGRAVE ALL DEVICE PLATES WHERE DESIGNATIONS ARE SHOWN IN QUOTATION MARKS.
- PROVIDE WALLEABLE IRON PIPE CAPS AND CONCRETE MARKERS FOR ALL CONDUIT ONLY "C.O." STUB-OUTS.
- THE MANUFACTURER'S CATALOG NUMBER IN THE FIXTURE SCHEDULE INDICATES THE STYLE OF FIXTURE. PROVIDE THE FIXTURE WITH LAMPS AND ALL ACCESSORIES REQUIRED FOR A COMPLETE INSTALLATION, TOGETHER WITH ANY VARIATIONS FROM STANDARD AS INDICATED BY THE DESCRIPTION, SPECIFICATIONS, OR CODES REGARDLESS OF WHETHER SUCH VARIATIONS ARE INDICATED BY THE CATALOG NUMBER OR NOT.
- PROVIDE ALL PENDANT MOUNTED FIXTURES WITH BALL ALIGNERS TO PERMIT THE FIXTURES TO HANG STRAIGHT AND PLUMB.
- VISIT THE SITE AND BECOME COMPLETELY FAMILIAR WITH EXISTING CONDITIONS PRIOR TO THE SUBMITTAL OF A BID. THE COMPLETE COST FOR ROUTING CONDUIT AND WIRES, FURNISHING AND INSTALLING OF THE L.B. CONDUITS AND/OR PULL BOXES AS REQUIRED TO EXTEND EXISTING SYSTEMS TO THE RENOVATION AREAS SHALL BE REFLECTED IN THE INITIAL CONTRACT PRICE. ALL NEW CONDUIT ROUTING IN EXISTING OR NEW FINISHED AREAS SHALL BE CONCEALED WHERE CUTTING IS NECESSARY. PATCH AND PAINT WALLS, FLOORS OR CEILINGS TO MATCH ADJACENT FINISHES. DISRUPTED CIRCUITS FOR EXISTING ELECTRICAL OUTLETS TO REMAIN. SHALL BE RECONNECTED AS REQUIRED TO RESTORE CONTINUITY OF THE ORIGINAL SYSTEM. NO EXTRA WILL BE ALLOWED FOR FAILURE TO COMPLY WITH THESE REQUIREMENTS.
- ALL ELECTRICAL AND SIGNAL SHUT DOWN TIMES SHALL BE AT A TIME CONVENIENT TO THE OWNER AND BETWEEN THE HOURS OF NOON TO 6:00 A.M. OF EACH DAY. SEE GENERAL NOTE 3, SHT. E1-2.

### SYMBOLS

FLUORESCENT FIXTURE - RECESSED MOUNTED WITH OUTLET BOX.

FLUORESCENT FIXTURE - SURFACE MOUNTED WITH OUTLET BOX.

FLUORESCENT STRIP FIXTURE - WITH OUTLET BOX.

INCANDESCENT FIXTURE OUTLET - CEILING OR PENDANT. "3" DENOTES TYPICAL ALL OUTLETS.

INCANDESCENT FIXTURE OUTLET - RECESSED.

INCANDESCENT FIXTURE OUTLET - WALL MOUNTED.

OUTLET ON NIGHT LIGHT CIRCUIT OR EMERGENCY LIGHTING CIRCUIT.

EXIT LIGHTING FIXTURE - CEILING MOUNTED - DIRECTIONAL ARROWS AS INDICATED ON PLANS. "S" SAME AS ABOVE EXCEPT WALL MOUNTED.

FLOODLIGHTING FIXTURE OUTLET.

"10" DENOTES QUANTITY. "14" INDICATES FIXTURE TYPE PER FIXTURE SCHEDULE. "100" INDICATES FIXTURE TOTAL MATTAGE. ("81-0") INDICATES MOUNTING HEIGHT FROM FLOOR TO BOTTOM OF PENDANT MOUNTED FIXTURE OR TO CENTERLINE OF OUTLET BOX FOR WALL MOUNTED FIXTURE.

5a SINGLE POLE TOGGLE SWITCH +4'-6" OR AS NOTED. SUBSCRIPT AT SWITCH SYMBOL INDICATES THE FOLLOWING:

2-DOUBLE POLE.  
3-THREE WAY.  
4-FOUR WAY.  
P-PILOT LIGHT.  
M-MANUAL MOTOR STARTER.  
K-KEY OPERATED.  
R-SPOT MOMENTARY CONTACT SWITCH.  
+12, +6, +4, etc. - IDENTIFICATION OF OUTLET CONTROLLED

② DIMMER SWITCH +4'-6" - SEE SPECIFICATIONS.

③ DUPLEX CONVENIENCE OUTLET MOUNTED FLUSH ON FLOOR BOX.

④ DUPLEX CONVENIENCE OUTLET MOUNTED ON FLOOR BOX.

⑤ DUPLEX CONVENIENCE OUTLET +12" OR AS NOTED.

⑥ SINGLE CONVENIENCE OUTLET +12" OR AS NOTED.

⑦ DUPLEX CONVENIENCE OUTLET +12", SPLIT WIRED, BOTTOM HALF SWITCHED.

⑧ TWISTLOCK RECEPTACLE OUTLET, HEIGHT AND RATING AS NOTED.

⑨ DUPLEX CONVENIENCE OUTLET MOUNTED HORIZONTALLY +12" OR AS NOTED. JUNCTION BOX IN FLOOR.

⑩ FLUSH FLOOR COUPLING.

⑪ JUNCTION BOX CEILING MOUNTED.

⑫ JUNCTION BOX WALL MOUNTED. +12" OR AS NOTED.

⑬ INDICATES CONNECTION TO EQUIPMENT AS REQUIRED.

⑭ SPECIAL POWER OUTLET - 250V, 20A/3P, WITH GROUND +12" OR AS NOTED.

⑮ THERMOSTAT OUTLET +5'-0" OR AS NOTED.

⑯ BY-PASS TIMER +5'-0" OR AS NOTED.

⑰ LOW VOLTAGE CONTROL OR SIGNAL TRANSFORMER.

⑱ FRACTIONAL HP EXHAUST FAN CONTROLLED BY WALL SWITCH.

⑲ MOTOR, HP AS NOTED OR SEE SCHEDULE.

\*\* FUSED DISCONNECT SWITCH. 30A/2P OR 3P AS REQUIRED, UNLESS OTHERWISE NOTED, IN NEMA 1 ENCLOSURE.

MCA - 11. INDICATES MOTOR CONTROL CENTER "MCA" CIRCUIT NO. 11 SEE SCHEDULE FOR MOTOR HP, WIRE AND CONDUIT.

MAGNETIC STARTER SIZE 1 UNLESS OTHERWISE NOTED. (3) DENOTES "NEMA" SIZE "3".

COMBINATION STARTER - "3" INDICATES "NEMA" SIZE "3".

PUSHBUTTON STATION +4'-0" WITH "STOP-START" PUSHBUTTONS AND RED INDICATING LIGHT UNLESS NOTED.

MECHANICAL CONTROL DEVICE.

RELAY - AS NOTED.

LIGHTING PANEL.

POWER PANEL.

ADJACENT BALLOON INDICATES PANEL DESIGNATION.

C.O. CONDUIT ONLY. NO. NUMBER

W.P. WEATHERPROOF. L.O. LUGS ONLY

P.B. PULLBOX. N.T. NON TRIP

E.P. EXPLOSION PROOF. E.T.R. EXISTING TO REMAIN

C.B. CIRCUIT BREAKER. PROVIDE: FURNISH, INSTALL AND CONNECT.

N.F. NON FUSED.

EX. EXISTING

TELEPHONE OUTLET +12" OR AS NOTED.

TELEPHONE OUTLET MOUNTED IN FLOOR BOX.

TELEPHONE CONDUIT ONLY. (T) DENOTES 3/4" C.O. (T1) DENOTES 1" C.O. BETWEEN OUTLETS OR TO RESPECTIVE TELEPHONE TERMINAL CABINET/BACKBOARD. (T2) DENOTES 1 1/2" C.O.

"BREAK GLASS" FIRE REPORTING STATION +5'-0".

"BREAK GLASS" FIRE REPORTING STATION +5'-0" WITH ALARM HORN +7'-0".

FIRE ALARM YARD HORN +8'-0".

BELL +8'-0".

SPRINKLER ALARM FLOW SWITCH.

SINGLE YARD HORN, PROGRAM HORN. +8'-0".

DOUBLE YARD HORN. +8'-0".

Buzzer. +8'-0".

INTERCOM WALL PHONE OUTLET +60" OR AS NOTED.

INTERCOM DESK PHONE OUTLET +12" OR AS NOTED.

INTERCOM DESK PHONE OUTLET MOUNTED ON FLOOR BOX.

CLOCK OUTLET +8'-0", OR AS NOTED, AND CLOCK - SEE SPECIFICATIONS.

MASTER CLOCK

SPEAKER - CEILING MOUNTED. SEE SPECIFICATIONS.

SPEAKER - RECESSED IN CEILING.

SPEAKER - WALL MOUNTED. +8'-0".

SPEAKER - RECESSED IN WALL. +8'-0".

VOLUME CONTROL - WALL MOUNTED +4'-6" OR AS NOTED.

MICROPHONE OUTLET +12" OR AS NOTED.

MICROPHONE OUTLET MOUNTED ON FLOOR BOX OR AS NOTED.

TV OUTLET +12" OR AS NOTED IN TWO GANG BOX WITH SINGLE GANG PLASTER RING.

### FIRE ALARM

\* SEE SPECIFICATIONS FOR CATALOG NUMBERS AND TYPE FIRE ALARM NO. LISTING.

\*\* NOTE: FUSES SHALL COORDINATE WITH PANEL CIRCUIT BREAKER AND MOTOR SIZE.

WILLIAM L. PEREIRA ASSOCIATES  
PLANNERS-ARCHITECTS-ENGINEERS  
714/644-6429

EDUCATIONAL UNIT 2A  
**GOLDEN WEST COLLEGE**  
HUNTINGTON BEACH, CALIFORNIA  
COAST COMMUNITY COLLEGE DISTRICT

ELECTRICAL SYMBOLS  
GENERAL NOTES  
FIXTURE SCHEDULE  
ELEVATOR - STUDY ONLY  
SCALE: AS NOTED

ISSUE DATE  
PROJECT NO. 16015.000  
SHEET NO. 74015.001  
**E2.1**  
SHEET 60 OF 60

NO. DATE REVISIONS

PREPARED BY: J. HENDERSON  
CHECKED BY: J. HENDERSON  
DATE: 6/21/78



# SITE MAIN POWER AND SIGNAL DISTRIBUTION SYSTEM NOTES

1. PROVIDE 15 KV SPLICES (SEE SPECIFICATION) AS INDICATED. VERIFY CONDITIONS ON JOB SITE.

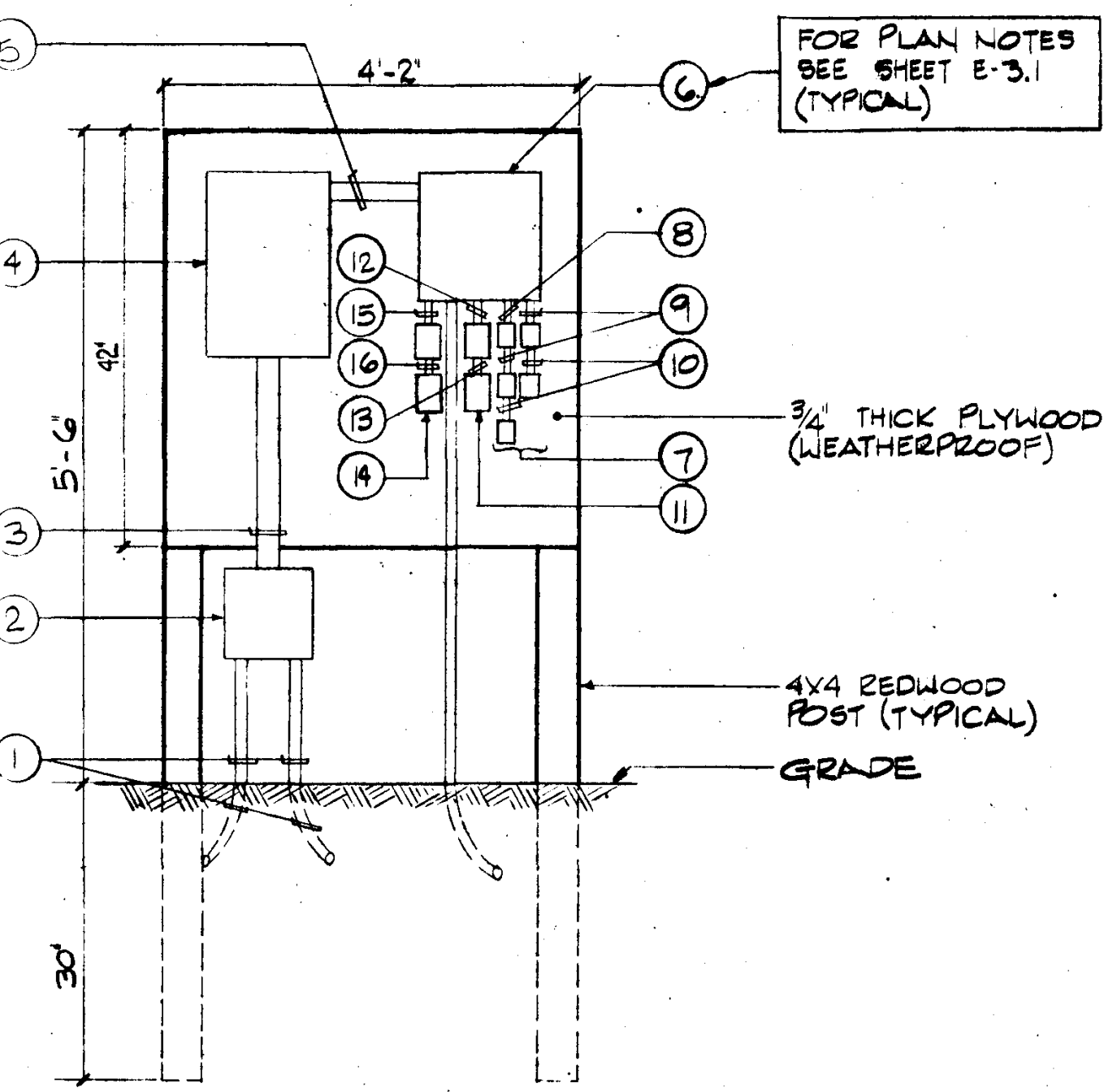
## POWER AND SIGNAL MANHOLES

2. MANHOLES CONSTRUCTION OF REINFORCED CONCRETE AS MANUFACTURED BY QUICKSET. NEW POWER MANHOLES SIMILAR TO MODEL TV-454 EXCEPT WITH KNOCKOUTS TO SUIT DUCT ROUTING. PROVIDE END BELLS FOR ALL DUCT ENTRANCES.

- PRIOR TO SETTING, PROVIDE A MINIMUM OF SIX (6) INCHES OF SAND OR BASE MATERIAL SUITABLE AS BASE TO RECEIVE THE MANHOLE.
- PROVIDE COPPERWELD, 5/8-INCH DIAMETER, 8-FT LONG GROUND RODS AND COPPERWELD TYPE "A" GROUND CLAMPS WITH SAFETY SET SCREW AS REQUIRED IN ALL MANHOLES.
- PROVIDE #1/0, MHD, BARE COPPER WIRE GROUND BUS, SUPPORTED ON 1/4" x 3" x 3" GALVANIZED ANGLE CLIPS 2" LONG. SECURE BUS TO CLIPS WITH SPLIT BOLT CONNECTORS. FASTEN CLIP TO MANHOLE WALL WITH ONE (1) 1/2" x 3" GALVANIZED MACHINE BOLT AND NUT OR WITH MACHINE BOLT AND CONCRETE INSERT.
- CABLE RACKS IN POWER MANHOLES GROUNDED WITH NO. 8 TINNED BARE COPPER WIRE. CONNECT TO THE CABLE RACK BETWEEN DOUBLE WASHERS UNDER THE BOLT HEAD, AND TO THE GROUND BUS WITH SPLIT BOLT CONNECTORS.
- PROVIDE GASKETED, WATERTIGHT TERMINAL CABINETS 30" H x 24" W x 4"D WITH BARRIERS FOR CLOCK AND FIRE ALARM IN NEW SIGNAL MANHOLES AND EXISTING MANHOLES WHERE NEW TERMINATIONS OF CONDUCTORS ARE TO BE MADE. CABINETS SHALL BE FABRICATED WITH STRETCHER-LEVELLED SHEET STEEL, 12 GAUGE MINIMUM, AND HOT-DIP GALVANIZED AFTER FABRICATION. SIGNAL CABLE SHALL ENTER THE CABINET THROUGH A SEALING BUSHING, O.Z., TYPE GRE OR EQUAL. PROVIDE TERMINAL STRIPS AS REQUIRED. MOUNT CABINET 1" FROM MANHOLE WELL WITH PIPE SPACERS.
- THE BASE MATERIAL COMPACTED AND GRADED LEVEL AT PROPER ELEVATION TO RECEIVE THE MANHOLE IN RELATION TO THE DUCT GRADE AND FINISHED GRADE REQUIREMENTS.
- SEAL MANHOLE JOINTS COMPLETELY WITH AN APPROVED GROUT MIXTURE, MASTIC OR POLYURETHANE SEALANT. WALLS AND TOPS OF MANHOLES DAMP-PROOFED ON THE EXTERIOR WITH TWO (2) COATS OF BITUMINOUS COATING, A.C. HORN COMPANY "IDEHYDRATINE NO. 4" OR EQUAL.
- MANHOLE COVERS AND FRAMES CAST IRON MACHINED FIT, 27" DIAMETER CLEAR OPENING, SIMILAR TO ALHAMBRA FOUNDRY COMPANY NO. A-1132 WITH DIAMOND PATTERN TREAD AND PICK HOLES. COVERS SHALL HAVE CAST LETTERING "HIGH VOLTAGE" FOR POWER MANHOLES AND "SIGNAL" FOR SIGNAL MANHOLES. AFTER FINAL APPROVAL OF MANHOLE INNER PANS AND COVERS SHALL BE RESET IN MASTIC.
- CABLE RACKS IN POWER MANHOLES STEEL CHANNEL TYPE, HOT-DIP GALVANIZED, LINE MATERIAL COMPANY, SERIES DU 183 OR 187 OR EQUAL, LENGTHS AS SHOWN ON THE DRAWINGS. CABLE SUPPORTS WELDED STEEL, HOT-DIP GALVANIZED, LINE MATERIAL COMPANY, SERIES DU 153 OR EQUAL. CABLE INSULATORS, LINE MATERIAL COMPANY, CATALOG NO. DE 6011 OR EQUAL. CABLE RACKS IN SIGNAL MANHOLES HOT-DIP GALVANIZED, LINE MATERIAL COMPANY, SERIES DU 1784 OR EQUAL, LENGTHS AS SHOWN ON THE DRAWINGS. CABLE SUPPORTS WELDED STEEL, HOT-DIP GALVANIZED, LINE MATERIAL COMPANY, SERIES DU 55 OR EQUAL. CABLE INSULATORS, LINE MATERIAL COMPANY SERIES DE 1101 OR EQUAL. PROVIDE SUPPORTS AND INSULATORS FOR ALL POWER AND SIGNAL CABLES.

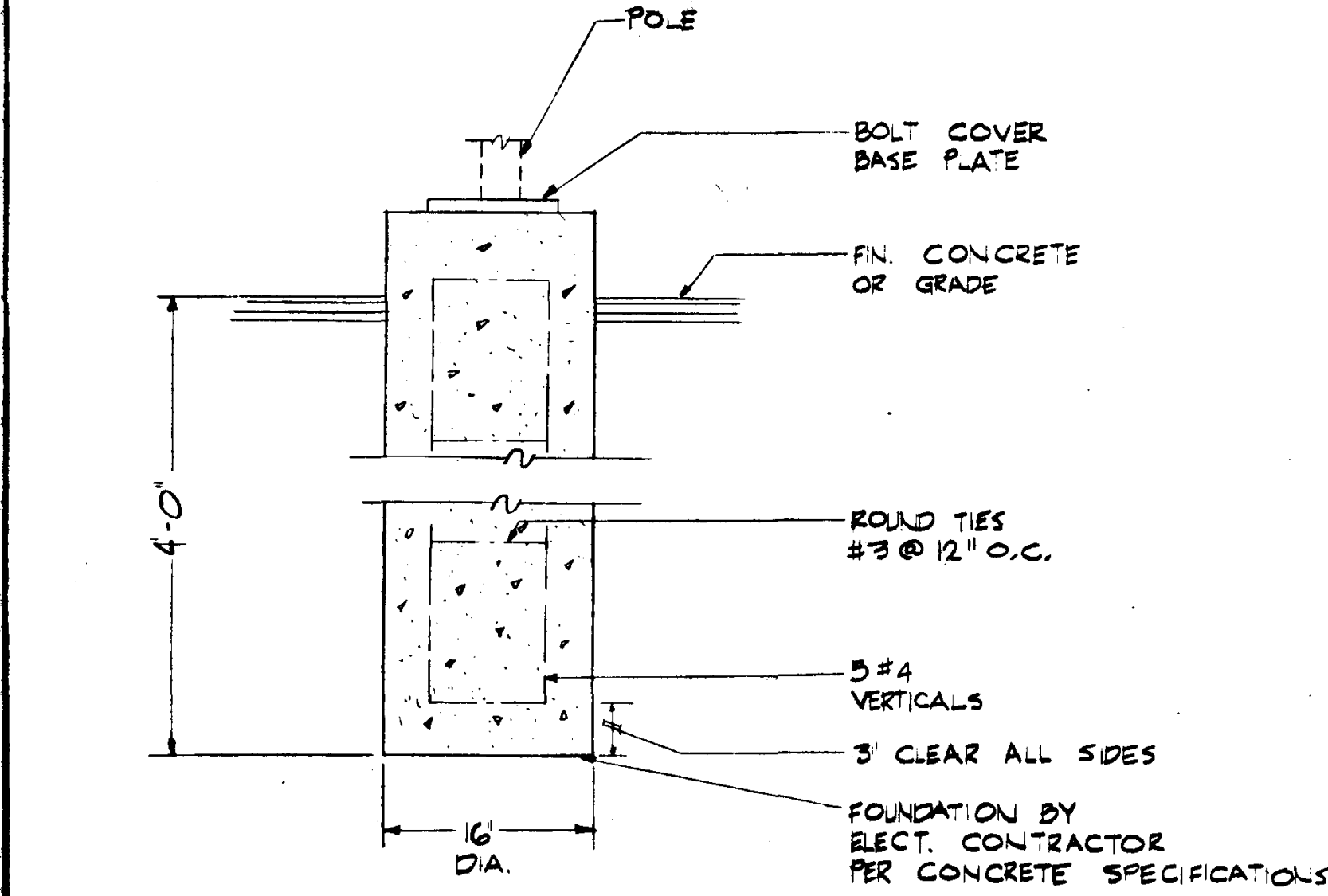
## SPECIAL NOTES

- ALL ELECTRICAL SHUT DOWN TIMES SHALL BE AT THE CONVENIENCE OF THE SCHOOL DISTRICT. THIS COULD REQUIRE SHUT DOWN TIMES TO BE ON WEEKENDS AND/OR LATE EVENING OR EARLY MORNING HOURS. THE ELECTRICAL CONTRACTOR SHALL INCLUDE SUCH TIMES IN THIS BID.
  - LOCATIONS OF UTILITIES SHOWN ARE APPROXIMATE & CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN EXCAVATING & TRENCHING ON THIS SITE TO AVOID EXISTING DUCTS, PIPING OR CONDUITS, ETC., AND TO PREVENT HAZARD TO PERSONNEL AND/OR DAMAGE TO EXISTING UNDERGROUND UTILITIES OR STRUCTURES WHETHER OR NOT SHOWN & INSTALLED BY ANY OTHER CONTRACTOR. THE ENGINEER IS NOT RESPONSIBLE FOR THE LOCATION OF UNDERGROUND UTILITIES OR STRUCTURES WHETHER OR NOT SHOWN OR INSTALLED BY ANY OTHER CONTRACTOR. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER SHOULD SUCH UNIDENTIFIED CONDITIONS BE DISCOVERED. THESE DRAWINGS AND SPECIFICATIONS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY.
  - SEISMIC RESTRAINT: ALL ELECTRICAL EQUIPMENT SHALL BE ANCHORED TO WITHSTAND A LATERAL FORCE OF 50% OF THE MAXIMUM WEIGHT OF THE UNIT FOR STATICALLY MOUNTED EQUIPMENT AND 40% OF THE MAXIMUM WEIGHT FOR FLEXIBLY MOUNTED EQUIPMENT. BECAUSE OF VARIATION IN MANUFACTURE AND CONFIGURATION, SHOP DRAWINGS OF THE METHOD OF ANCHORING, CERTIFIED BY A STRUCTURAL ENGINEER REGISTERED IN THE STATE OF CALIFORNIA SHALL BE SUBMITTED TO THE ARCHITECT FOR SUBMISSION TO THE OFFICE OF THE STATE ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION. SUBMITTALS SHALL BE LIMITED TO EQUIPMENT IN EXCESS OF 1000 LBS.
- ANCHOR ELECTRICAL DISTRIBUTION FLOOR STANDING BOARDS AND SUBSTATIONS IN ALL FOUR CORNERS WITH 5/8" BOLTS. ANCHOR ALL WALL MOUNTED PANELS TO WALLS IN EACH CORNER WITH 5/8" BOLTS.
  - ALL RECESSED OR DROP-IN LIGHT FIXTURES SHALL BE SUPPORTED DIRECTLY FROM THE FIXTURE HOUSING TO THE STRUCTURE ABOVE WITH A MINIMUM OF TWO 12 GAUGE WIRES. LEVELING AND POSITIONING OF FIXTURE MAY BE PROVIDED BY THE CEILING GRID. FIXTURE SUPPORT WIRES MAY BE SLIGHTLY LOOSE TO ALLOW FIXTURE TO SEAT IN GRID SYSTEM.
  - SURFACE MOUNTED FIXTURES SHALL BE ATTACHED TO A MAIN RUNNER WITH A POSITIVE CLAMPING DEVICE MADE OF MATERIAL WITH A MINIMUM OF 14 GAUGE. ROTATIONAL SPRING CATCHES DO NOT COMPLY. A SUSPENSION WIRE SHALL BE ATTACHED TO THE MAIN RUNNER WITHIN 6" OF THE LOCATION THAT THE FIXTURE LOADS THE RUNNER (AT LEAST 2 WIRES PER FIXTURE).
  - PENDANT HUNG FIXTURES SHALL BE SUPPORTED DIRECTLY FROM THE STRUCTURE ABOVE USING A #9 WIRE. THE RUNNER SHALL NOT BE USED IN THE SUPPORT LINKAGE, BUT SHALL BE BYPASSED WITH A SUITABLE DEVICE.
- INSTALLATION OF THE FIRE ALARM SYSTEMS SHALL NOT BE STARTED UNTIL: WORKING DRAWINGS, INCLUDING STATE FIRE MARSHAL LISTING NUMBERS OF ALL FIRE ALARM COMPONENTS, ARE SUBMITTED TO AND APPROVED BY THE STATE FIRE MARSHAL (O.S.A.)



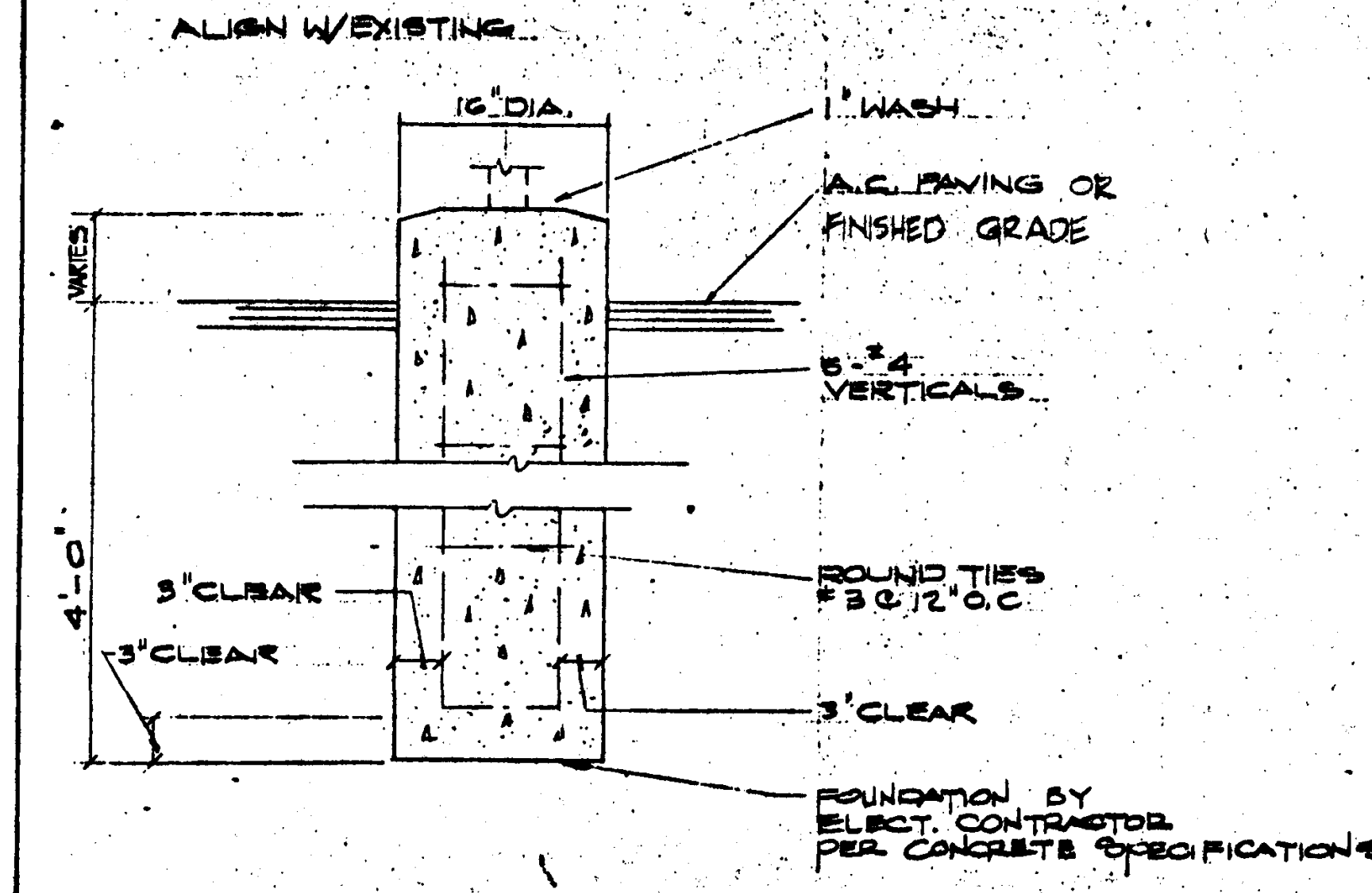
TEMPORARY POWER BOARD

SCALE NONE (H)



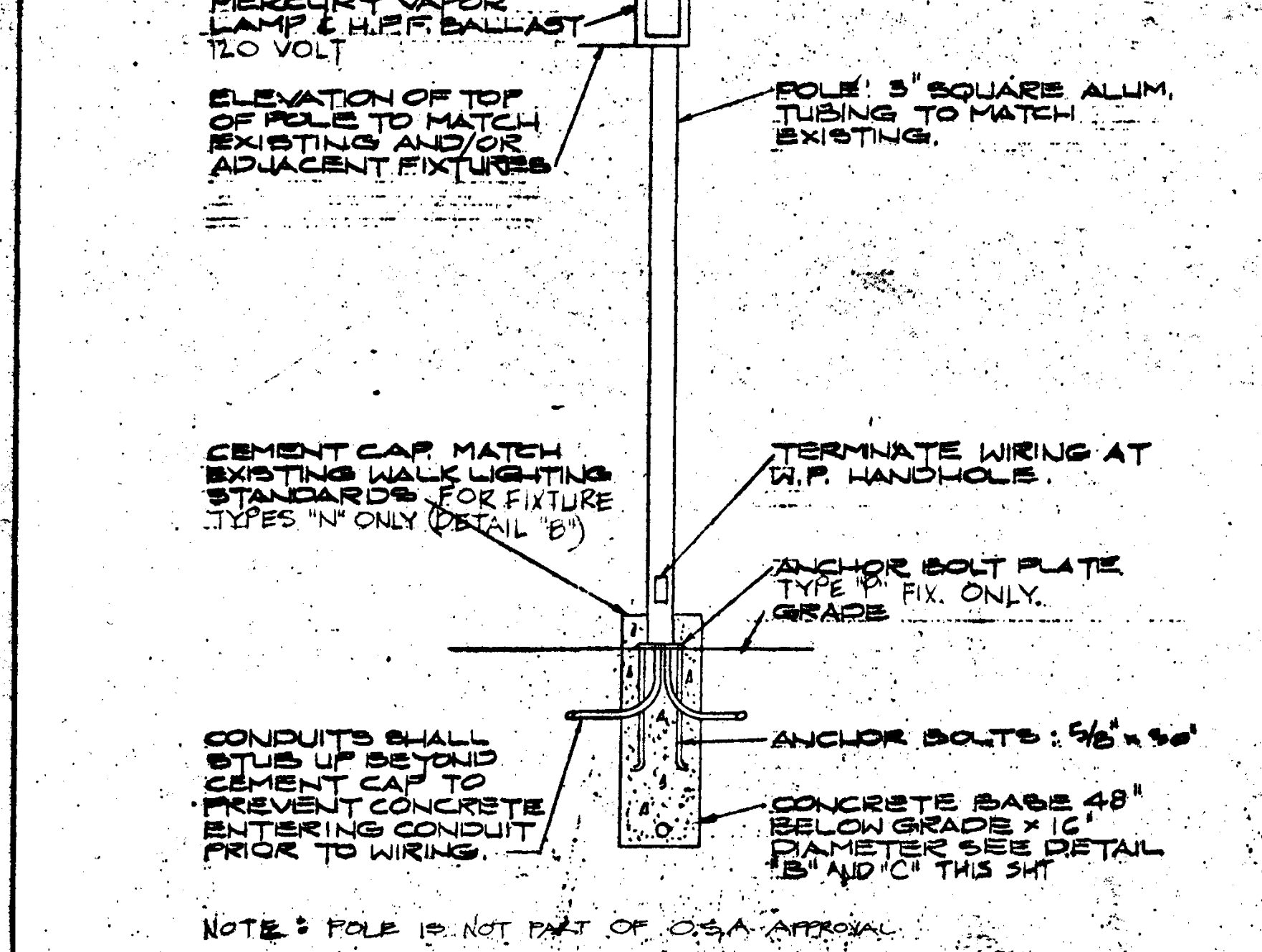
WALKWAY LIGHTING STANDARD BASE-1\"/>

SCALE NONE (C)



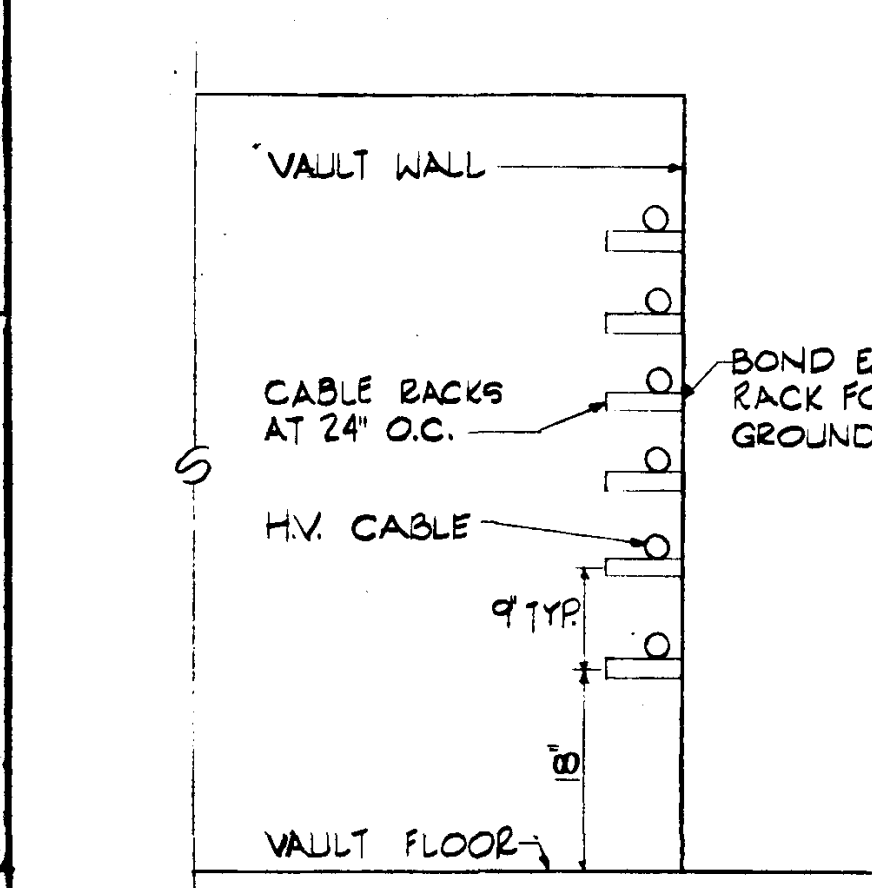
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SCALE NONE (B)

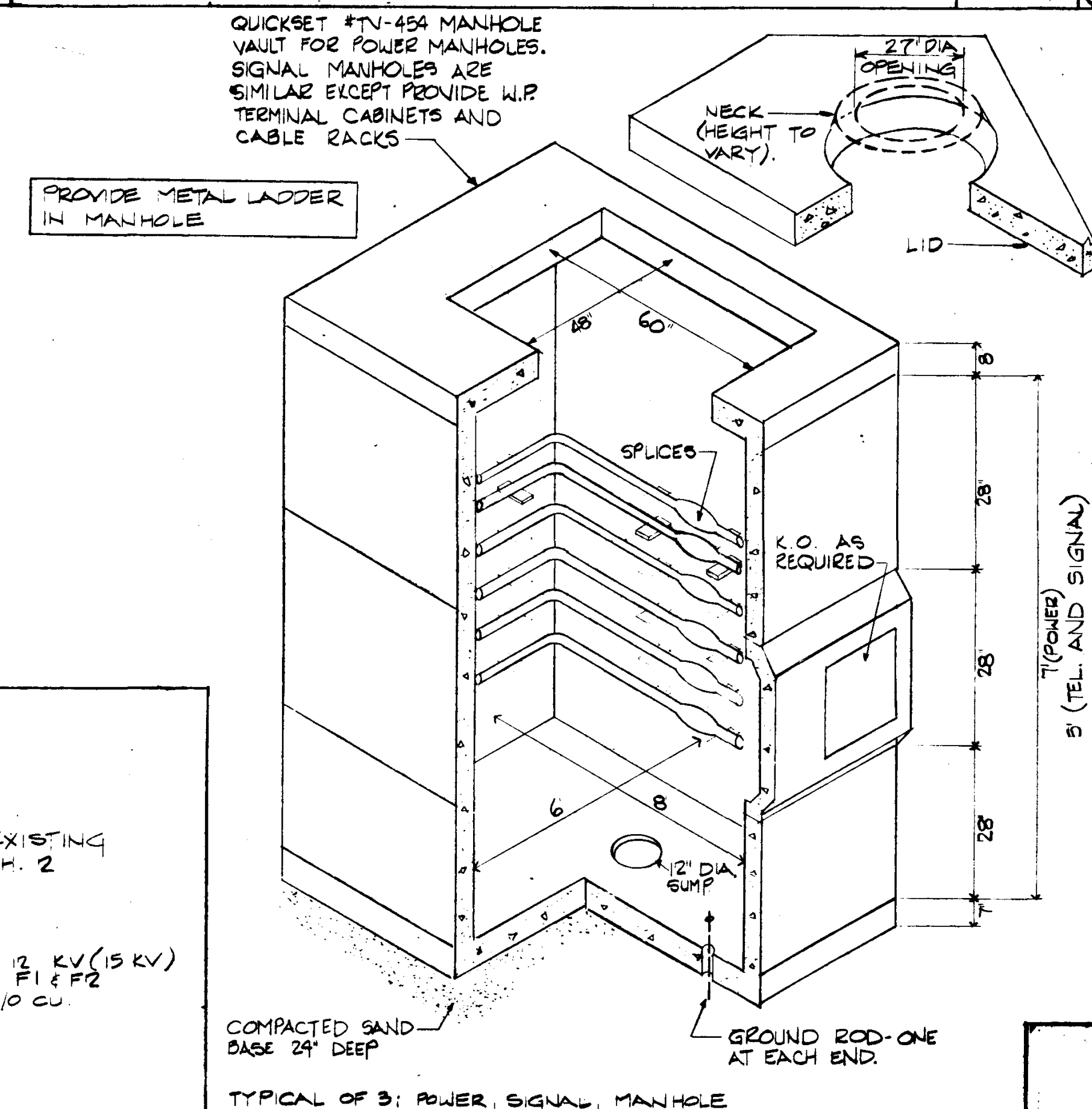


TYPE 1 WALKWAY LIGHTING STANDARD

SCALE NONE (A)

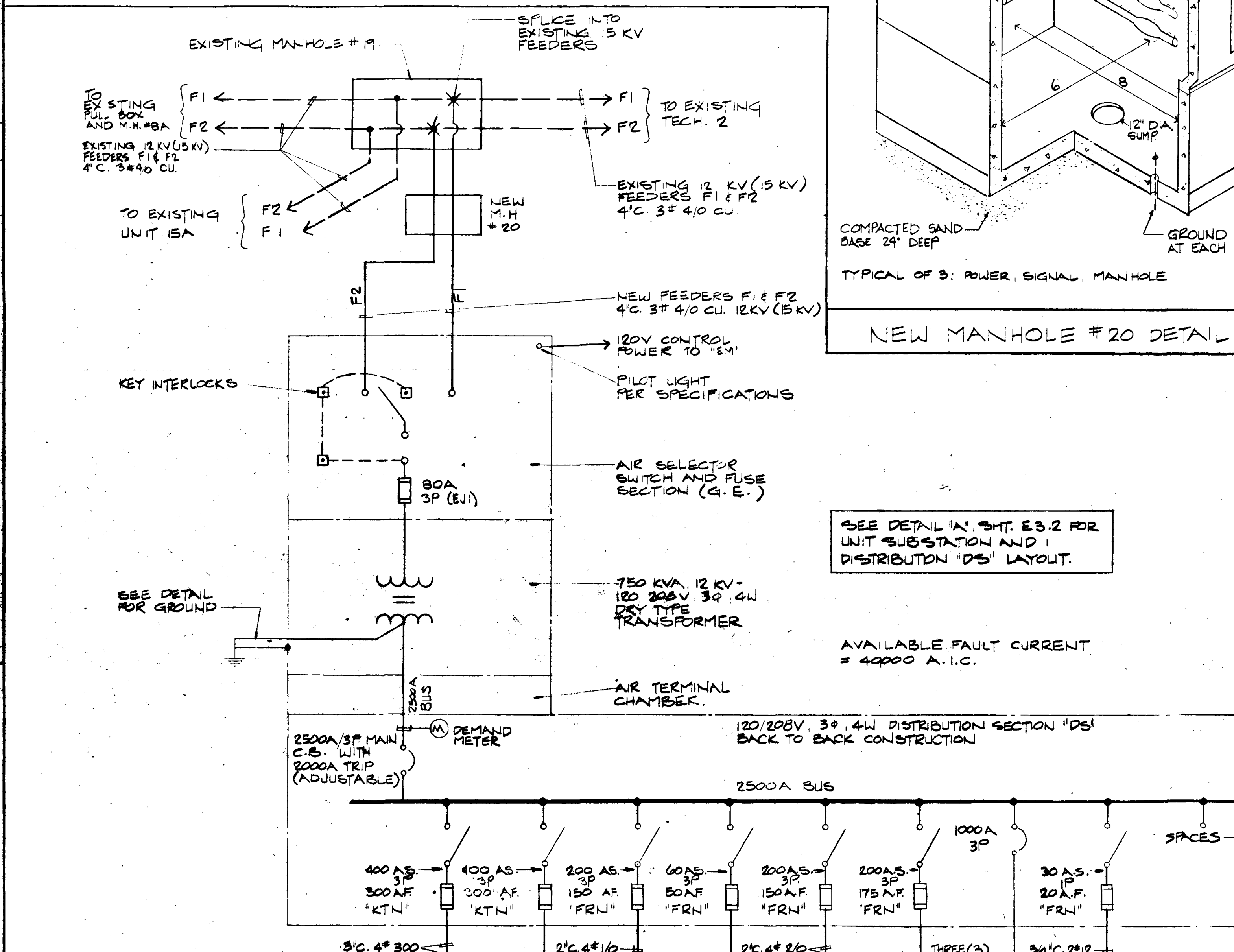


SECTION VIEW



NEW MANHOLE #20 DETAIL

SCALE NONE (F)

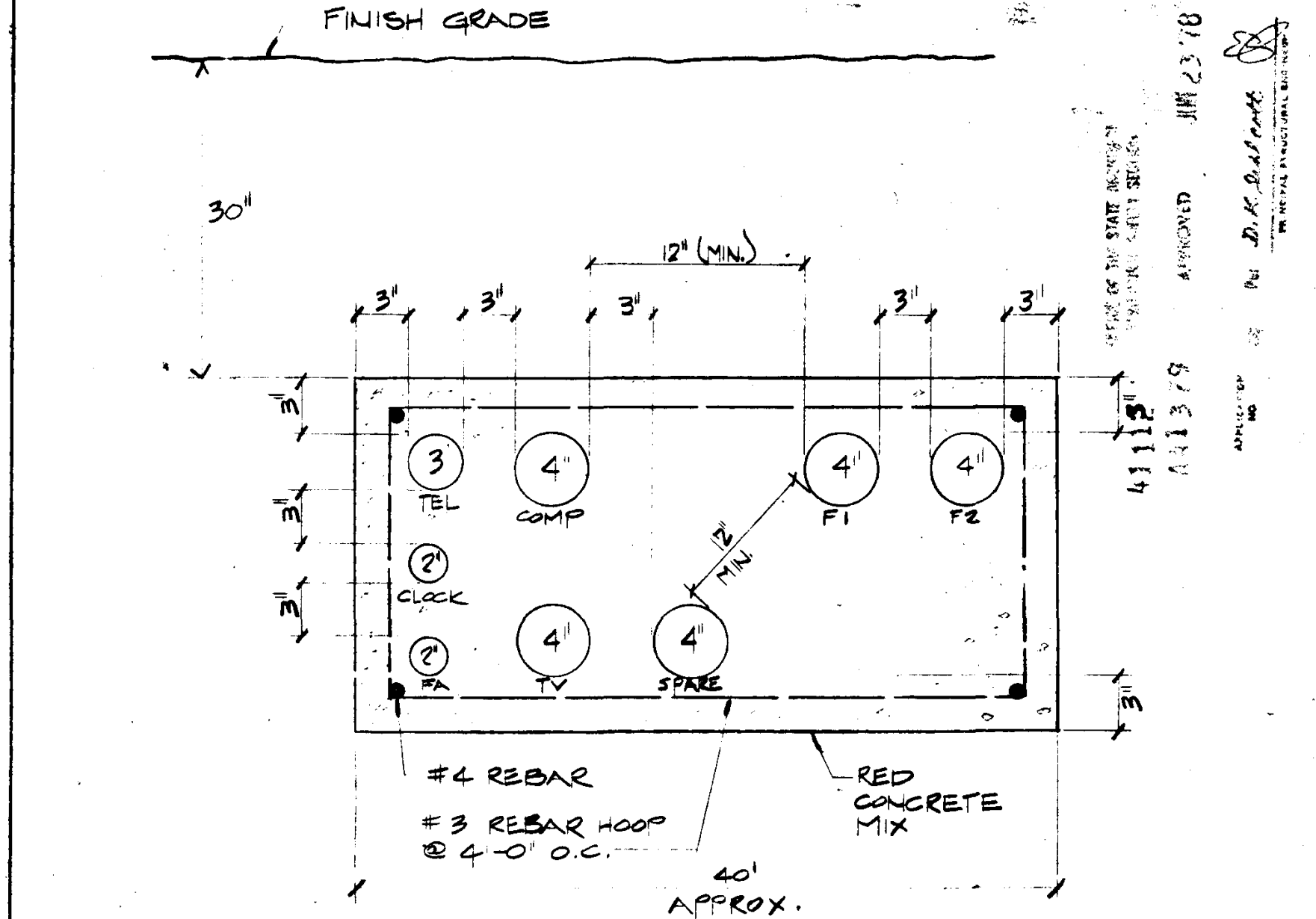


'DS' CONNECTED LOAD (AMPS)

A	260
B	212
C	129
(D)-(50)	-
F	119
G	130
MCC	702
EM	24
TOTAL	1564 A

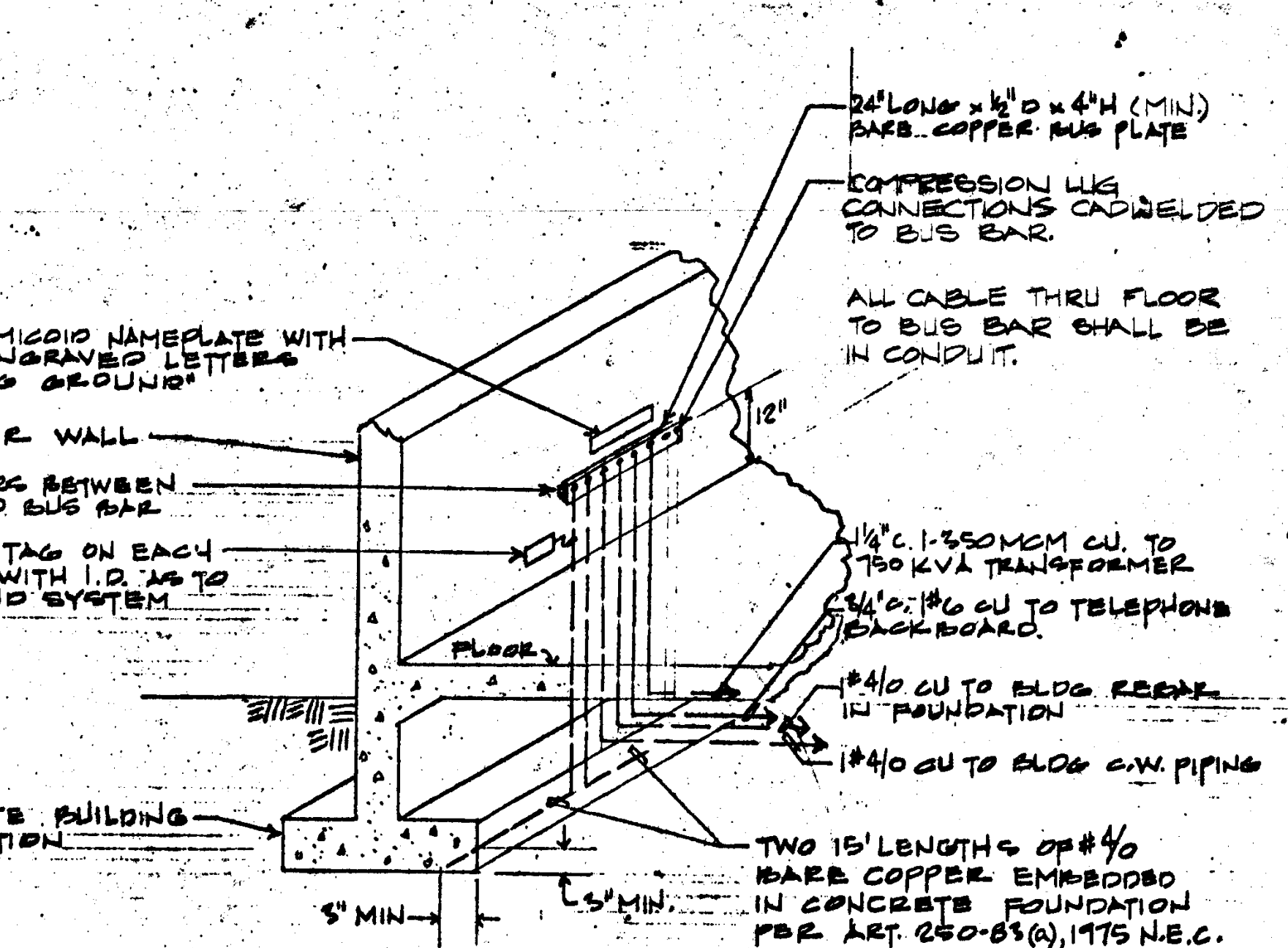
ONE LINE DIAGRAM

SCALE NONE (G)



ELECTRICAL DUCT BANK DETAIL

SCALE NONE (D)



USER GROUND DETAIL

SCALE NONE (E)

## SEISMIC RESTRAINT:

- ALL ELECTRICAL EQUIPMENT SHALL BE ANCHORED TO WITHSTAND A LATERAL FORCE OF 50% OF THE MAXIMUM WEIGHT OF THE UNIT FOR STATICALLY MOUNTED EQUIPMENT AND 40% OF THE MAXIMUM WEIGHT FOR FLEXIBLY MOUNTED EQUIPMENT.
- BECAUSE OF VARIATION IN MANUFACTURE AND CONFIGURATION, SHOP DRAWINGS OF THE METHOD OF ANCHORING, CERTIFIED BY A STRUCTURAL ENGINEER REGISTERED IN THE STATE OF CALIFORNIA SHALL BE SUBMITTED TO THE ARCHITECT FOR SUBMISSION TO THE OFFICE OF THE STATE ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION. SUBMITTALS SHALL BE LIMITED TO EQUIPMENT IN EXCESS OF 1000 LBS.

ARCHITECT

DESIGNED BY

DRAWN BY

CHECKED BY

DATE

PROJECT DIRECTOR

PROJECT MANAGER

PROJECT ENGINEER

PROJECT SUPERVISOR

PROJECT ASSISTANT

WILLIAM L. PEREIRA ASSOCIATES

PLANNERS-ARCHITECTS-ENGINEERS

10000 WILSON AVENUE, SUITE 100

HUNTINGTON BEACH, CALIFORNIA 92646

TEL: 714/444-0020

FAX: 714/444-0020

EDUCATIONAL UNIT 2A

GOLDEN WEST COLLEGE

HUNTINGTON BEACH, CALIFORNIA

COAST COMMUNITY COLLEGE DISTRICT

ONE LINE DIAGRAM

DETAILS

MANHOLE SPECIFICATIONS

SPECIAL NOTES

SCALE AS NOTED

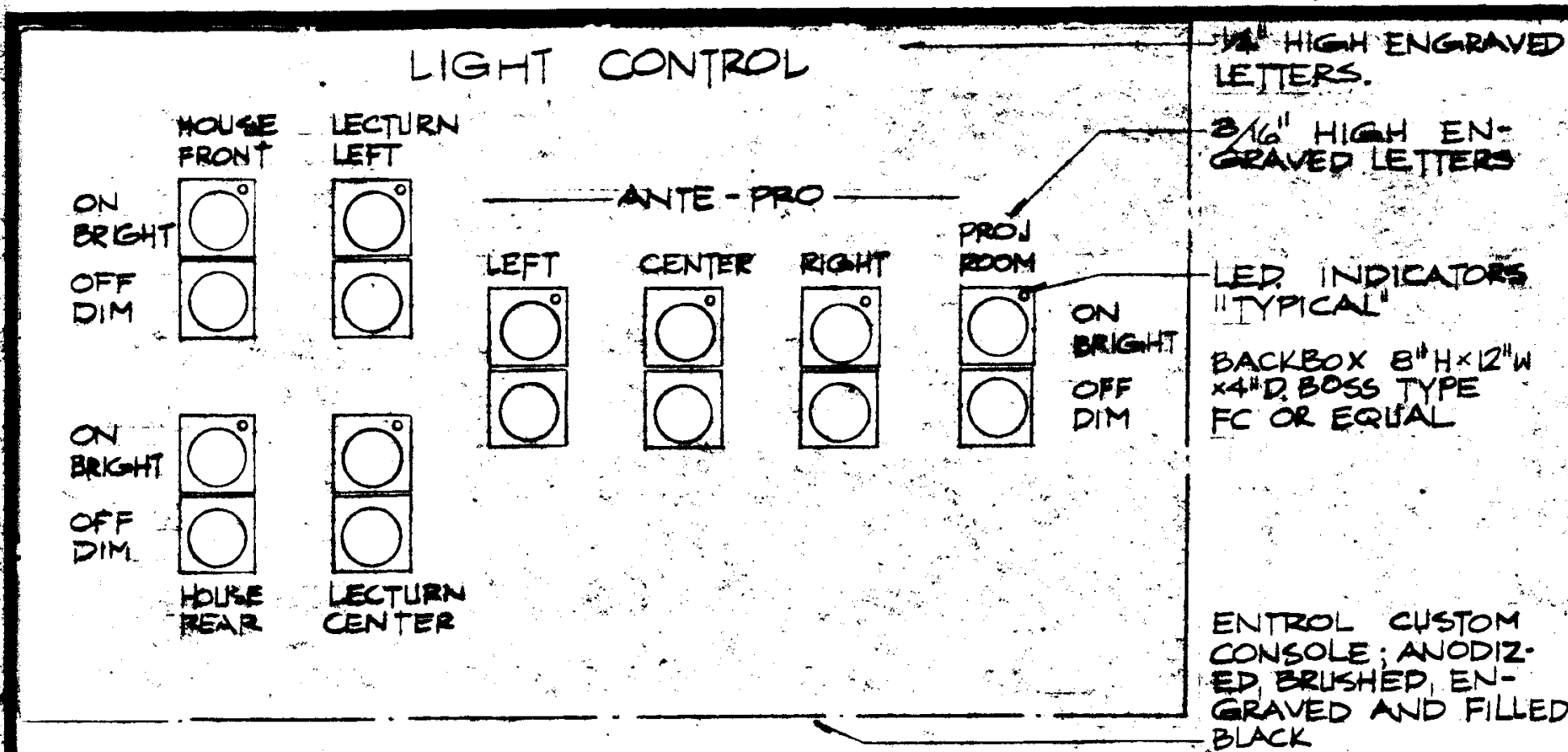
ISSUE DATE

PROJECT NO. 173-20

SHEET NO. E2.2

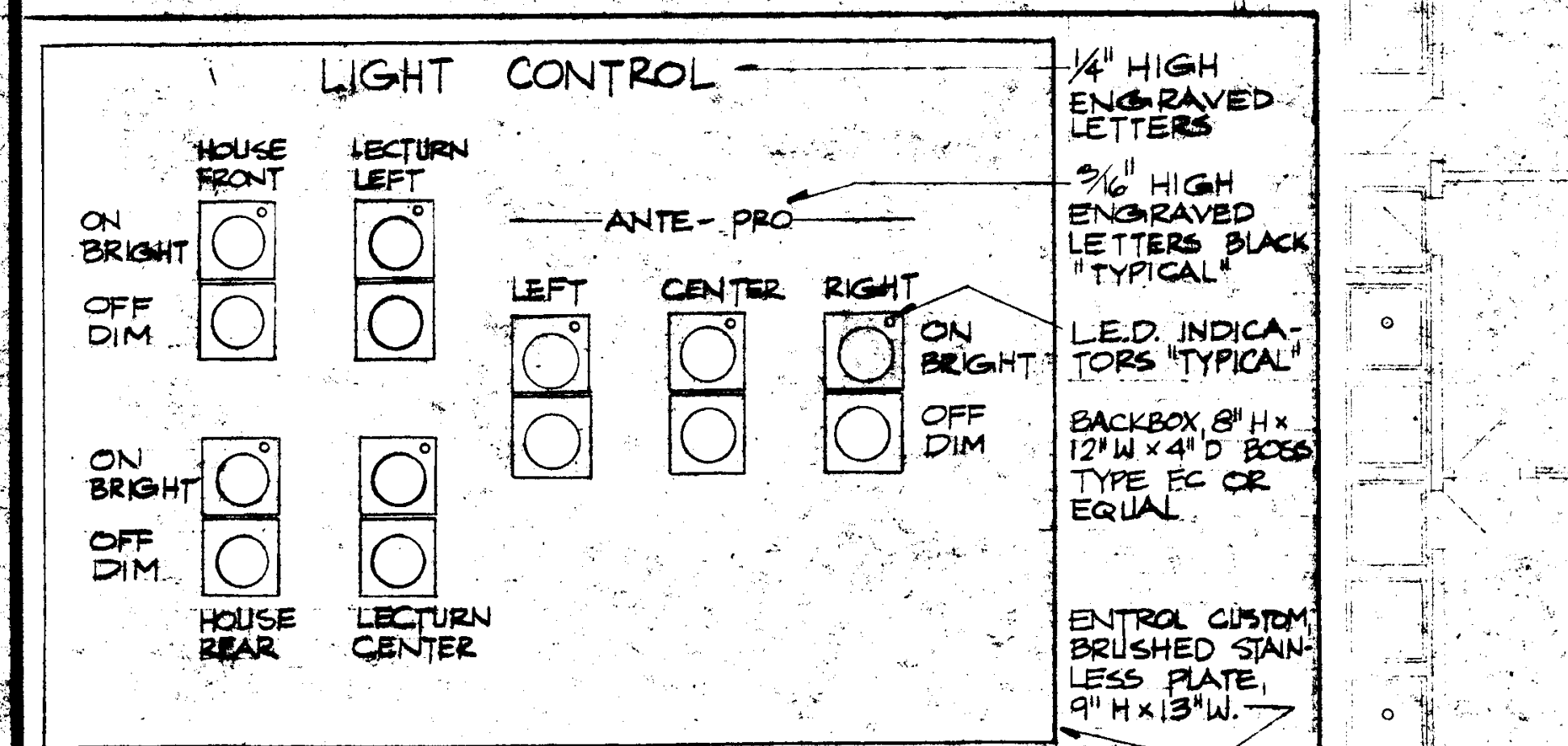
SHEET 61 OF 62





**PROJECTION ROOM LIGHT CONTROL CONSOLE ROOM 122** SCALE 1/2"=1'

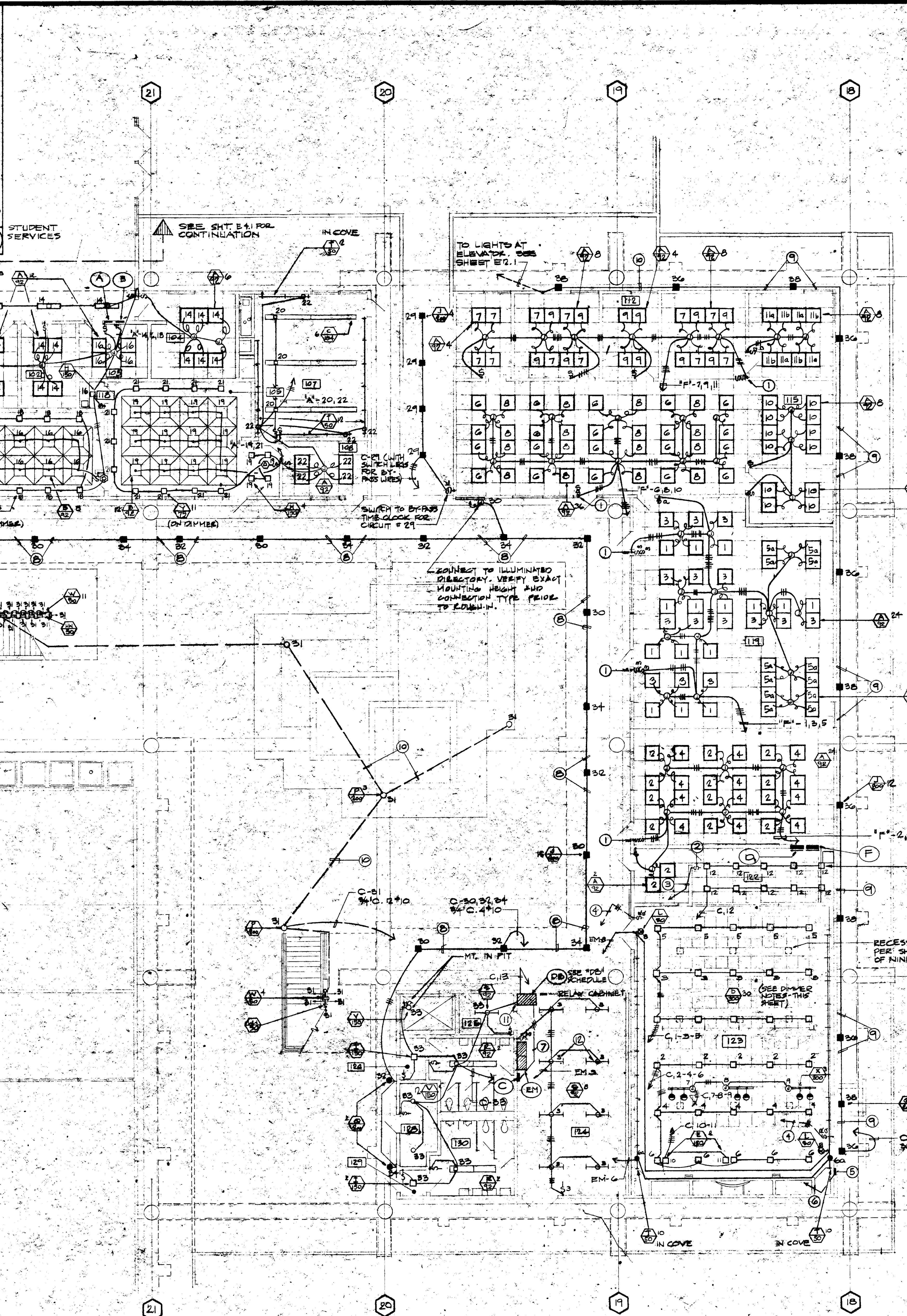
- PLAN NOTES: TEMPORARY POWER BOARD "A" - SHT. #2.2**
- 3/4" O.D. & 1/8" THW COPPER 2-1/2" C. CONDUIT (RIGID GALV.) ABOVE GRADE, AND P.V.C. SCH. 40 BELOW GRADE.
  - PROVIDE 18" x 18" x 6" WEATHERPROOF PULLBOX.
  - 3/4" O.D. & 1/8" THW COPPER 2-1/2" C. CONDUIT (RIGID GALV.).
  - PROVIDE 200A, 2 POLE WEATHERPROOF DISCONNECT SWITCH WITH 300A NEUTRAL FUSED AT 200 AMPS. "KTS" FUSES.
  - 3/8" O.D. & 1/8" THW COPPER 2" C. CONDUIT (ENT).
  - PROVIDE 200 AMP, 120/240V, 3Ø, 3W RAIN TIGHT LOAD CENTER CONTAINING THE FOLLOWING CIRCUIT BREAKERS:
    - (2) 50 AMP, 2 POLE CIRCUIT BREAKERS FOR 50A, 4P, TEMPORARY POWER RECEPTACLES.
    - (2) 30 AMP, 2 POLE CIRCUIT BREAKERS FOR 30A, 3 POLE RECEPTACLES (240V, 3Ø).
    - (5) 15 AMP, 1 POLE CIRCUIT BREAKERS FOR 15A 3P DUPLEX RECEPTACLES.
    - (1) 70 AMP, 2 POLE CIRCUIT BREAKER FOR CONSTRUCTION TRAILER SERVICE.
  - PROVIDE (5) PASS & SEYMOUR #1591, WITH RAIN-PROOF COVER OVER F.S. BOX, SIZED PER CODE MOUNT DEVICES HORIZONTALLY AND CONNECT WITH # 12 THW WIRE. EACH RECEPTACLE SHALL BE CONNECTED TO SEPARATE 15 AMP CIRCUIT BREAKER LOCATED IN RAIN TIGHT LOAD CENTER.
  - 9#12 - 1" C. (ENT).
  - 6#12 - 3/4" C. (ENT).
  - 3#12 - 1/2" C. (ENT).
  - PROVIDE (2) 30 AMP, 3 POLE GROUNDED RECEPTACLES (240V, 3Ø), IN THE CONFIGURATION REQUIRED BY THE CONSTRUCTION MANAGER, COMPLETE WITH WEATHER-PROOF COVER. CONNECT WITH #12 THW WIRE AND EACH RECEPTACLE SHALL BE CONNECTED TO SEPARATE 30 AMP, 2 POLE CIRCUIT.
  - 6#8 - 1" C. (ENT).
  - 3#8 - 3/4" C. (ENT).
  - PROVIDE (2) 50 AMP, 4 POLE GROUNDED RECEPTACLES (120/240V, 3Ø) IN THE CONFIGURATION REQUIRED BY THE CONSTRUCTION MANAGER, COMPLETE WITH WEATHER-PROOF COVER. CONNECT WITH #6 THW WIRE. EACH RECEPTACLE SHALL BE CONNECTED TO SEPARATE 50 AMP, 2 POLE CIRCUIT.
  - 6#6 - 1-1/2" C. (ENT).
  - 4#6 - 1" C. (ENT).



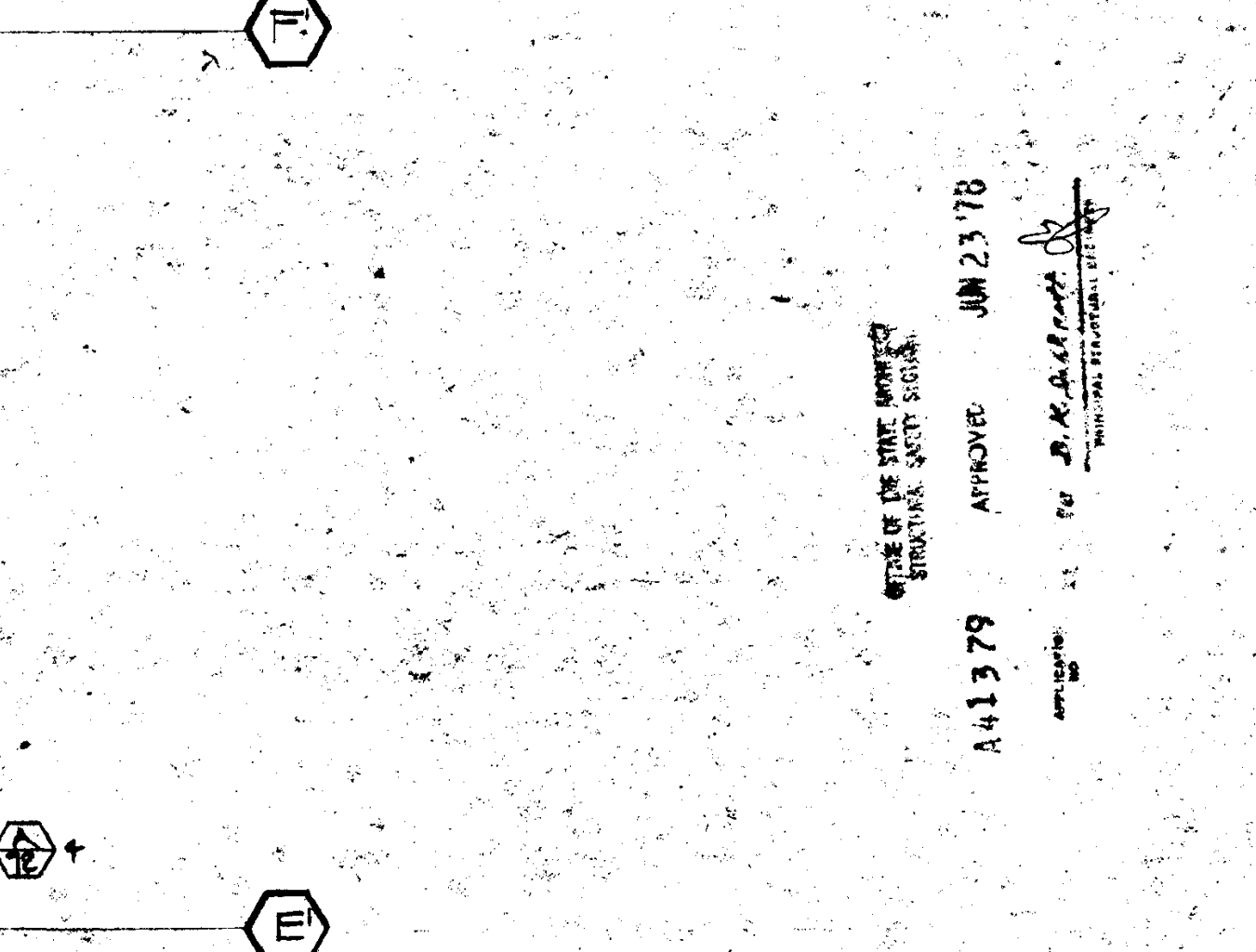
**LIGHT CONTROL PANEL ROOM 123** SCALE 1/2"=1'

**ROOM SCHEDULE**

NO.	NAME
101	OFFICE
102	OFFICE
103	OFFICE
104	OFFICE
105	SECRETARY
106	OFFICE
107	CLASSROOM
108	OFFICE
109	SECRETARY
110	OFFICE
111	OFFICE
112	OFFICE
113	SECRETARY
114	OFFICE
115	SECRETARY
116	OFFICE
117	NOT USED
118	STORAGE
119	CLASSROOM
120	CLASSROOM
121	OFFICE
122	PROJECTION
123	LECTURE HALL
124	ELECTRICAL
125	ELEVATOR MACHINE ROOM
126	VESTIBULE
127	WOMEN'S TOILET
128	JANITOR
129	VESTIBULE
130	MEN'S TOILET



- PLAN NOTES (SHT. E3.1)**
- ONE SWITCH PER EACH CIRCUIT.
  - PROVIDE RAISE-LOWER DIMMER SWITCH AT 4'.
  - 3/4" C. 1-BELDEN #8729 TO "DB" FOR CONTROL OF PROJ. RM. LIGHTING (DB 12).
  - TO RELAY AT PANEL "EM" FOR COVE LIGHTING.
  - LIGHTING CONTROL PANEL FOR DETAIL IN THIS SHT.
  - 1" C. 1-BELDEN #9626 TO "DB".
  - PROVIDE 2" C. 24 #10 FROM PANEL "C" CIRCUITS TO RESPECTIVE 12 DIMMERS.
  - 3/4" C. 4" O.
  - 3/4" C. 3" O.
  - 3/4" C. 2" O.
  - 1/2" C. 2" O. 2" O. UP TO SWITCH IN ROOM 222.
  - ADJUST BACK LOCATION OF FIXTURES TO AVOID MECH. DUCTS.



- DIMMER NOTES - SEE SPECIFICATIONS, SHEET E3.3**
- EACH MODULE IS 15" X 18" AND IS TO MOUNT IN TWO RACKS. BOLT RACKS TO FLOOR.
  - DIMMER NO. 12 CONTROLLED BY TWO RAISE - LOWER SWITCHES IN ROOM # 122 FOR PROJECTION ROOM.
  - DIMMER NO. 6 CONTROLLED BY ONE RAISE - LOWER SWITCH IN ROOM # 123 AND CONTROLS IN ROOM #122 FOR HOUSE, FRONT.
  - DIMMERS NO. 1, 2, 3, 4, & 5 CONTROLLED BY ONE RAISE-LOWER SWITCH IN ROOM #123 AND CONTROLS IN ROOM #122 FOR HOUSE.
  - DIMMERS NO. 7, 8 & 9 EACH CONTROLLED BY ONE RAISE-LOWER SWITCH (3 SWITCHES) IN ROOM 123 & CONTROLS IN ROOM #122 ANTE - PRO POSITIONS.
  - DIMMERS NO. 10 & 11 EACH CONTROLLED BY ONE RAISE-LOWER SWITCH (2 SWITCHES) IN ROOM 123 AND CONTROLS IN ROOM # 122 FOR LECTURN POSITIONS.
  - PROVIDE ENTROL #212589 POWER UNIT MOUNTED IN DIMMER RACK. PROVIDE 120V CIRCUIT TO POWER UNIT.

**DIMMER RACK "DB"**

DIMMER NO.	DIMMER KW RATING	DESCRIPTION	MODULE NUMBER
1	1.5	HOUSE	1
2			2
3			2
4			3
5			3
6		HOUSE/FRONT	3
7	1.2	ANTE - PRO	4
8	1.2		4
9	1.2		4
10	1.2	LECTURN	4
11	1.2	LECTURN	4
12	2.4	PROJECTION RM	5
13		(SPACE FOR 12)	5

CIRCUITS C-1 THRU 12 RUN THRU RESPECTIVE DIMMERS.

**SEISMIC RESTRAINT:**

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- BECAUSE OF VARIATION IN MANUFACTURE AND CONFIGURATION, SHOP DRAWINGS OF THE METHOD OF ANCHORING, CERTIFIED BY A STRUCTURAL ENGINEER REGISTERED IN THE STATE OF CALIFORNIA SHALL BE SUBMITTED TO THE ARCHITECT FOR SUBMISSION TO THE OFFICE OF THE STATE ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION. SUBMITTALS SHALL BE LIMITED TO EQUIPMENT IN EXCESS OF 1000 LBS.

**WILLIAM L. PEREIRA ASSOCIATES**  
PLANNERS-ARCHITECTS-ENGINEERS  
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CORONA DEL MAR, CALIFORNIA 92625  
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**GOLDEN WEST COLLEGE**  
HUNTINGTON BEACH, CALIFORNIA  
COAST COMMUNITY COLLEGE DISTRICT

**EDUCATIONAL UNIT 2A**  
FIRST FLOOR LIGHTING PLAN  
SCALE 1/8"=1'-0"

**PROJECT NO. 10015.000**  
**SHEET E3.1**  
SHEET 62 OF 62

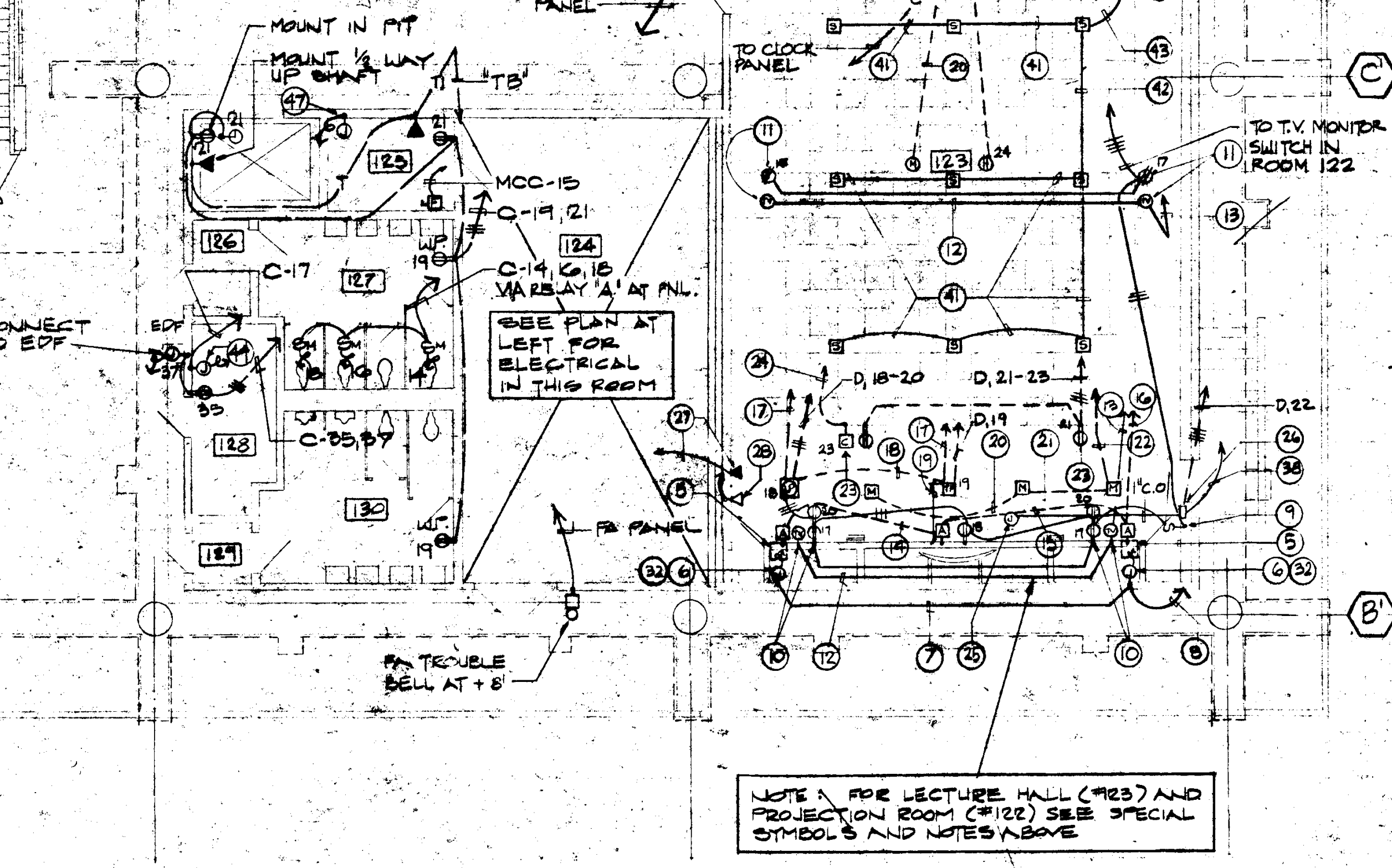
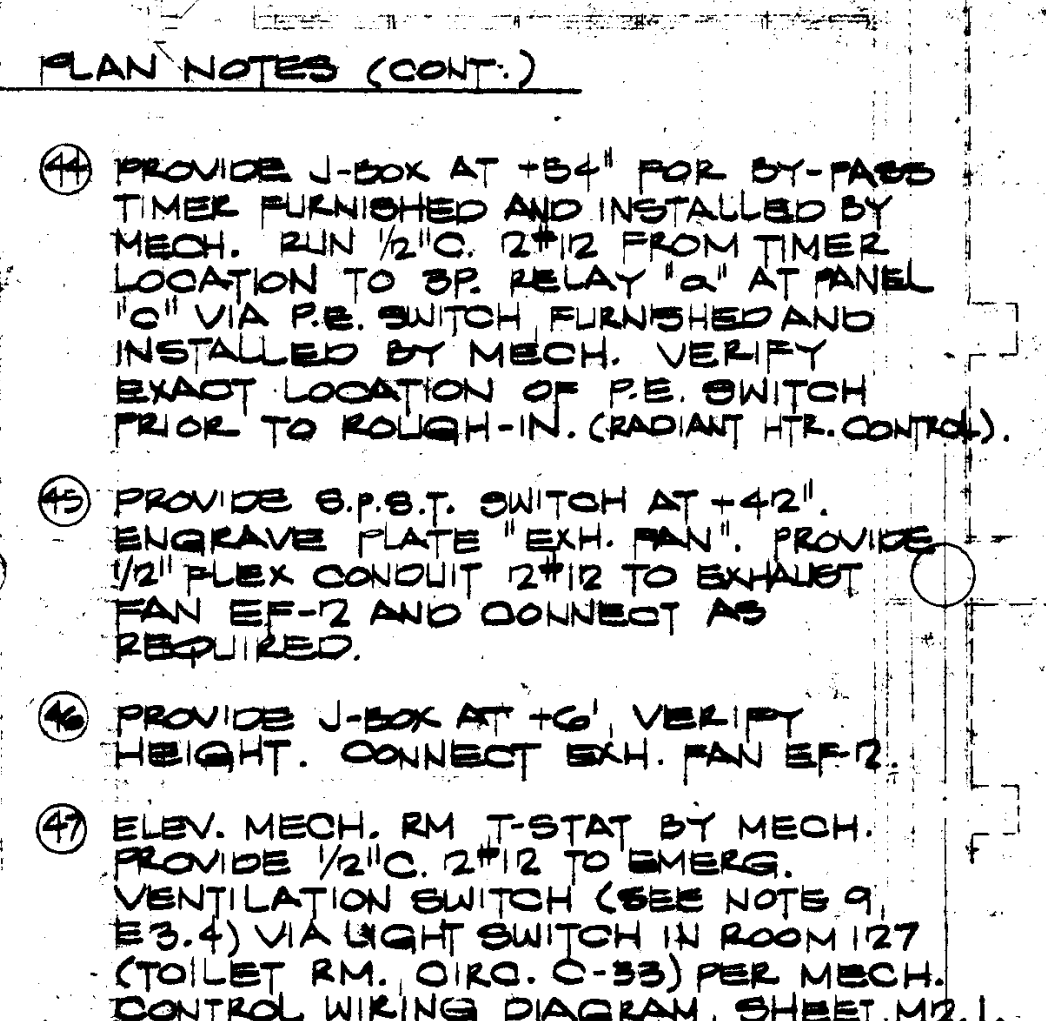
**REVISIONS**

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**BY** [Signature]



1. TV PROJECTOR AND LECTURN OUTLET IN FLOOR, COLE MODEL LTA-364 WITH 2-MIC OUTLETS, 2-BNC VIDEO RECEPTACLES AND ONE CANNON XLR-31 70S SOCKET INSERT CONNECTOR WITH DUPLEX U-GROUND 15 AMP RECEPTACLE ALONG SIDE. PROVIDE CARPET PLANGE.
2. LECTURN OUTLET IN FLOOR, COLE MODEL LTA-364 WITH 2-MIC OUTLETS, 2-BNC VIDEO CONNECTORS AND ONE CANNON XLR70S SOCKET INSERT CONNECTOR WITH DUPLEX U-GROUND 15 AMP RECEPTACLE ALONG SIDE. PROVIDE CARPET PLANGE. PROVIDE ONE BNC BULKHEAD.
3. MICROPHONE AND AUXILIARY FLOOR OUTLET, COLE MODEL LTA 364-1 WITH 2-MIC OUTLETS AND ONE U-GROUND 15 AMP DUPLEX RECEPTACLE. PROVIDE CARPET PLANGE.
4. MICROPHONE OUTLET 4-S BOX WITH SINGLE GANG RING, 2-CANNON XLR-31 RECEPTACLES MOUNT AT +12" OR IN STEP RISER AS SHOWN.
5. AUXILIARY AUDIO OUTLETS, 5-S BOX WITH 2-G RING, 2-CANNON XLR-31 AND ONE BNC VIDEO CONNECTOR AT +12"
6. CAMERA OUTLET, 4-G BOX W/5-G RING WITH ONE BNC VIDEO CONNECTOR AND ON XLR3-31 MOUNT IN STEP RISER.
7. INTERCOM HANDSET, SOUNDLIER 2000A WITH 2-G RING, 1/4" MONO RING AT +6" OR AS NOTED. PROVIDE ONE PLC 2-50 POLYMER LUG.
8. TV MONITOR OUTLET 4S BOX W/5-G RING, ONE BNC VIDEO CONNECTOR, 1- RECESSED OR SURFACE SPEAKER ENCLOSURE ELECTRO VOICE SENTRY 3 SPEAKERS WITH PA SWIVEL-TILT MOUNT
9. RECESSED CEILING SPEAKER, SOUNDLIER 100-10-10-10 WITH FC-100-125 SPEAKER ENCLOSURE ASSEMBLY.
10. VOLUME CONTROLS, 5-S BOX W/2-G RING 2-SOUNDLIER PAT-10 VOLUME CONTROL.
11. STEERING UNIT, 4S BOX 2-BAND RING & BLANK RS PLATE



**PROJECTION ROOM #122**

**1/4" PLAN**

**12' OF WIREMOLD  
#22 DGA AT +12'**

**NOTE: ALL WIRING FROM LECTURE HALL  
TO TERMINATE IN WIRING GUTTER  
AT THIS POINT IDENTIFY ALL WIRES  
WITH TAGS.**

**SEE 1/8 PLAN**

**D-16 3/4"**  
**3/4", 2#10**

**D-15 3/4", 2#10**

**PROVIDE 4" X 4" WIRING GUTTER INTER SECTION OF FLOOR/WALL, APPROX. 1 FT. OF LENGTH**

**NINE OUTLETS AT +12'**

**COORDINATE PENETRATION THRU COUNTER WITH GUTTER**

**MOUNT EIGHT OUTLETS ON FACE OF COUNTER. VERIFY EXACT HEIGHT w/ ARCHITECT AND COORDINATE WITH MILL WORK.**

**NINE OUTLETS AT +12'**

**1" C. 1-BELDEN #9626  
-BAG-6 TO DIMMER RACK  
LOF FROM DESK MTD.  
CONTROL STATION**

**DESK MOUNTED DIMMING—  
CONTROL STATION, ENTROLL  
#D14-D25**

**D.E.-10-12**

**D-7, 4-6**

**1/4" = 1'-0"**

1" C. 1- BELDEN 8451, 1- 8241 TO WIRING GUTTER IN ROOM 122.

PROVIDE J- BOX IN CEILING AT SCREEN OPENING FOR FUTURE HOOK-UP OF SCREEN. VERIFY EXACT LOCATION PRIOR TO ROUGH-IN.

MOUNT 6" W X 8" H X 4" D J-BOX FUTURE FOR SCREEN CONTROL IN WALL DIRECTLY BELOW LIGHTING CONTROL PANEL (PER C. 31). LINE OUT J-BOX & PANEL UP ON CENTER WITH ONE ANOTHER. PROVIDE BLANK STAINLESS STEEL PLATE. SEE NOTES #37 & 38.

MOUNT TELEPHONE OUTLET ON WALL AT +5'. RUN 3/4"C.O. TO TELEPHONE BACKBOARD.

MOUNT INTERCOM OUTLET ON WALL AT +5', RUN 1"C. 4-BELDEN 8728 TO INTERCOM OUTLET IN ROOM 122.

MOUNT INTERCOM OUTLET AT +5'.

1"C. 4- BELDEN 8728.

1"C. 6- BELDEN 8728 TO WIRING GUTTER IN ROOM 122.

PROVIDE ADDITIONAL J- BOX ABOVE EACH SPEAKER FOR FUTURE SPEAKER LEVEL ADJUSTMENT. RUN 1" C. BETWEEN THE TWO J-BOXES ON EACH SIDE OF ROOM AND THEN 1"C.O. TO WIRING GUTTER IN ROOM 122.

MOUNT IN WALL 6" FROM CEILING. RUN 3/4"C.O. TO WIRING GUTTER IN ROOM 122.

1/4"C. 1- BELDEN 8760.

3/4"C. 2- BELDEN 8760.

3/4"C. 2- BELDEN 8760 TO WIRING GUTTER.

MOUNT 6" W X 8" H X 4" D J-BOX FOR FUTURE SCREEN CONTROL. PROVIDE BLANK STAINLESS STEEL PLATE. MOUNT AT +4" - 6". RUN 1" C.O. TO SIMILAR J- BOX IN ROOM 123 (NOTE #26).

RUN 1"C.O. TO J-BOX IN ROOM 122 (NOTE #37).

3/4"C. 2- BELDEN 8451 TO WIRING GUTTER IN ROOM 122.

TWO 1/4"C.O. FROM WIRING GUTTER TO A/V & COMPUTER BACKBOARD.

3/4"C. 1- BELDEN 8760.

3/4"C. 2- BELDEN 8760.

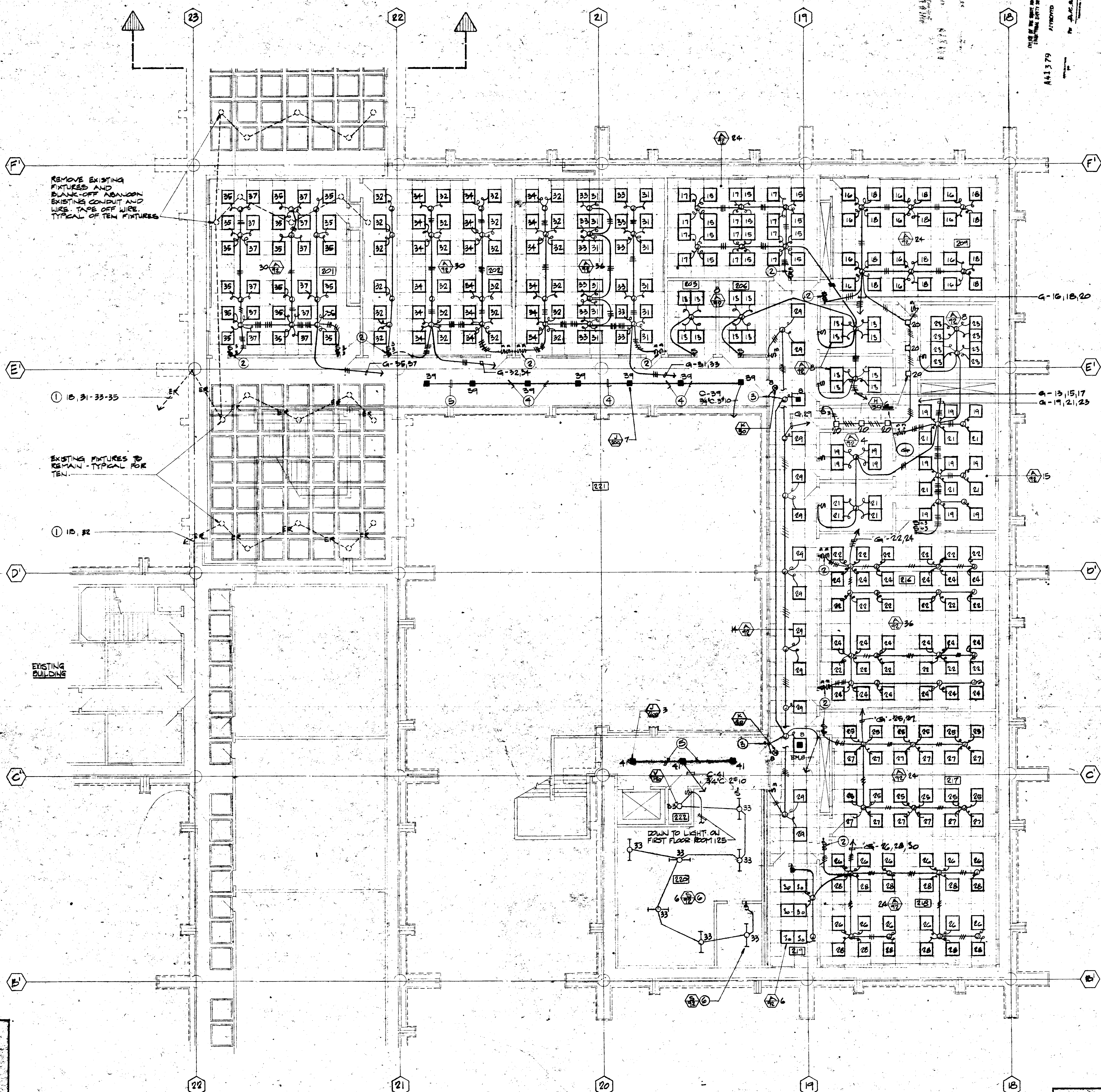
1"C. 3- BELDEN 8760 TO WIRING GUTTER IN ROOM 122.

**SEISMIC RESTRAINT:**

1. ALL ELECTRICAL EQUIPMENT SHALL BE ANCHORED TO WITHSTAND A LATERAL FORCE OF 50% OF THE MAXIMUM WEIGHT OF THE UNIT FOR STATISTICALLY MOUNTED EQUIPMENT AND 100% OF THE MAXIMUM WEIGHT FOR FLEXIBLY MOUNTED EQUIPMENT.
2. BECAUSE OF VARIATION IN MANUFACTURE AND CONFIGURATION, SHOP DRAWINGS OF THE METHOD OF ANCHORING, CERTIFIED BY A STRUCTURAL ENGINEER REGISTERED IN THE STATE OF CALIFORNIA, SHALL BE SUBMITTED TO THE ARCHITECT FOR SUBMISSION TO THE OFFICE OF THE STATE ARCHITECT FOR AN ADJUDICIAL PRIOR TO INSTALLATION. SUBMITTALS SHALL BE LIMITED TO EQUIPMENT IN EXCESS OF 1000 LBS.

[illegible]





PLAN NOTES

- 1 TO EXISTING PANEL 15
- 2 ONE SWITCH FOR EACH CIRCUIT
- 3 FROM DOOR MULLION UP TO J-BOX
- 4 3/4" O. 3" x 10
- 5 3/4" O. 2" x 10
- 6 LOCATE FIXTURES TO AVOID MECH. EQUIPMENT. COORDINATE WITH MECH. CONTRACTOR

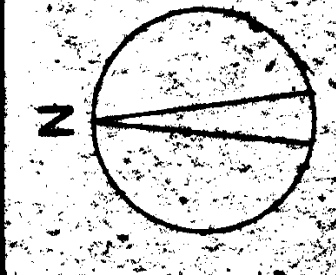
LECTURE HALL & PROJECTION ROOM DIMMING AND AUDIO VISUAL SYSTEMS

- GENERAL:
- FURNISH AND INSTALL A COMPLETE LOW-VOLTAGE REMOTE-CONTROL DIMMING SYSTEM FOR THE LECTURE HALL (ROOM 123) AND PROJECTION ROOM (ROOM 124). THE DIMMING SYSTEM SHALL UTILIZE TOUCH-ACTUATED CONTROL SWITCHES, SOLID-STATE CONTROL, AND DIMMING MODULES, AND UL RATED MECHANICAL RELAYS. MOTORIZED POTS AND CONTROLS ARE NOT ACCEPTABLE. THE SYSTEM SHALL MATCH EXISTING DIMMING EQUIPMENT ON CAMPUS.
- FUNCTIONS AND EQUIPMENT:
- a. THE SYSTEM SHALL PROVIDE MULTIPLE POINT CONTROL AND DIMMING OF THE SPECIFIED LIGHTING FIXTURES.
  - b. LECTURE HALL WALL CONTROL PANEL SHALL BE A CUSTOM, ENGRAVED STAINLESS STEEL PLATE WITH SIXTEEN (16) TOUCH-ACTUATED SWITCHES. ALL ON-BRIGHT SWITCHES SHALL CONTAIN A RED LED INDICATOR FOR ON-OFF STATUS. THE CONTROL PANEL SHALL BE LAID OUT AS SHOWN ON THE DRAWINGS.
  - c. THE DESK MOUNTED LIGHT CONTROL CONSOLE FOR THE PROJECTION ROOM SHALL BE IDENTICAL IN FUNCTION TO THE WALL CONTROL PANEL WITH THE ADDITION OF TWO SWITCHES FOR CONTROL OF THE OVERHEAD PROJECTION ROOM LIGHTS. THIS CONTROL PANEL SHALL BE AN INTEGRAL PART OF A SLOPE-FACED CONSOLE WITH SWITCHES IDENTICAL TO THE WALL CONTROL PANEL.
  - d. FURNISH AND INSTALL AN ADDITIONAL SINGLE GANG SWITCH ASSEMBLY FOR THE PROJECTION ROOM AS NOTED ON THE DRAWINGS.
  - e. ALL CONTROL LOGIC SHALL BE CONTAINED ON PRINTED CIRCUIT CARDS FOR EASY OF REPLACEMENT AND SERVICEABILITY.
  - f. DIMMER MODULES SHALL BE ENTROL MODEL 305490.
  - g. POWER SUPPLY SHALL BE ENTROL MODEL 212509.
  - h. TOUCH-ACTUATED CONTROL SWITCHES SHALL BE ENTROL MODEL D14-SL AND D14-S.
  - i. DESK MOUNTED DIMMING CONTROL STATION SHALL BE ENTROL MODEL D14-DS.
  - j. THE SPECIFIED DIMMER MODULE ASSEMBLIES SHALL BE PROVIDED BY THE MANUFACTURER IN A DUAL RACK ASSEMBLY READY TO RECEIVE LINE AND CONTROL WIRING. THE RACK ASSEMBLY SHALL BE 74"H x 45"W x 19"D DEEP, WITH DUAL LOCKING FRONT DOORS, ENTROL MODEL 500-70.
- AUDIO-VISUAL
1. ALL AUDIO-VISUAL WIRING AND COMPONENTS SPECIFIED AND AS NOTED ON THE DRAWINGS SHALL BE FURNISHED AND INSTALLED BY A QUALIFIED AUDIO-VISUAL CONTRACTOR.
  2. ALL OUTLETS SHALL BE ENGRAVED AS TO FUNCTION AND NUMERICAL DESIGNATION.
  3. ALL CABLE NOTED ON THE DRAWINGS SHALL BE BELDEN, NUMBER AND TYPE AS INDICATED.
  4. SPEAKER BACKBOXES SHALL BE PROVIDED TO THE ELECTRICAL CONTRACTOR FOR MOUNTING AND CONDUITING.
  5. SCREEN WALL SPEAKER MOUNTS SHALL BE SECURED TO BUILDING STRUCTURE. CO-ORDINATE INSTALLATION OF MOUNTS WITH ARCHITECT DURING ROUGH-IN.

NOTE: JUNCTION BOXES WITH OVER 2 WIRES ENTERING BOX SHALL BE APPROVED FOR NUMBER OF WIRES ENTERING BOX - TYPICAL ALL LIGHTING ON PROJECT.

ROOM SCHEDULE	
NO.	NAME
201	CLASSROOM
202	CLASSROOM
203	CLASSROOM
204	NOT USED
205	CLASSROOM
206	CLASSROOM
207	CLASSROOM
208	NOT USED
209	CLASSROOM
210	OFFICE
211	OFFICE
212	OFFICE
213	OFFICE
214	DEMONSTRATION
215	PREP
216	PSYCHOLOGY LAB
217	CLASSROOM
218	CLASSROOM
219	STORAGE
220	MECHANICAL
221	LIBRARY/READING STUDY
222	CUST.

- SEISMIC RESTRAINT:
1. ALL ELECTRICAL EQUIPMENT SHALL BE ANCHORED TO WITHSTAND A LATERAL FORCE OF 50% OF THE MAXIMUM WEIGHT OF THE UNIT FOR STATICALLY MOUNTED EQUIPMENT AND 40% OF THE MAXIMUM WEIGHT FOR FLEXIBLY MOUNTED EQUIPMENT.
  2. BECAUSE OF VARIATION IN MANUFACTURE AND CONFIGURATION, SHOP DRAWINGS OF THE METHOD OF ANCHORING, CERTIFIED BY A STRUCTURAL ENGINEER REGISTERED IN THE STATE OF CALIFORNIA SHALL BE SUBMITTED TO THE ARCHITECT FOR SUBMISSION TO THE OFFICE OF THE STATE ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION. SUBMITTALS SHALL BE LIMITED TO EQUIPMENT IN EXCESS OF 1000 LBS.

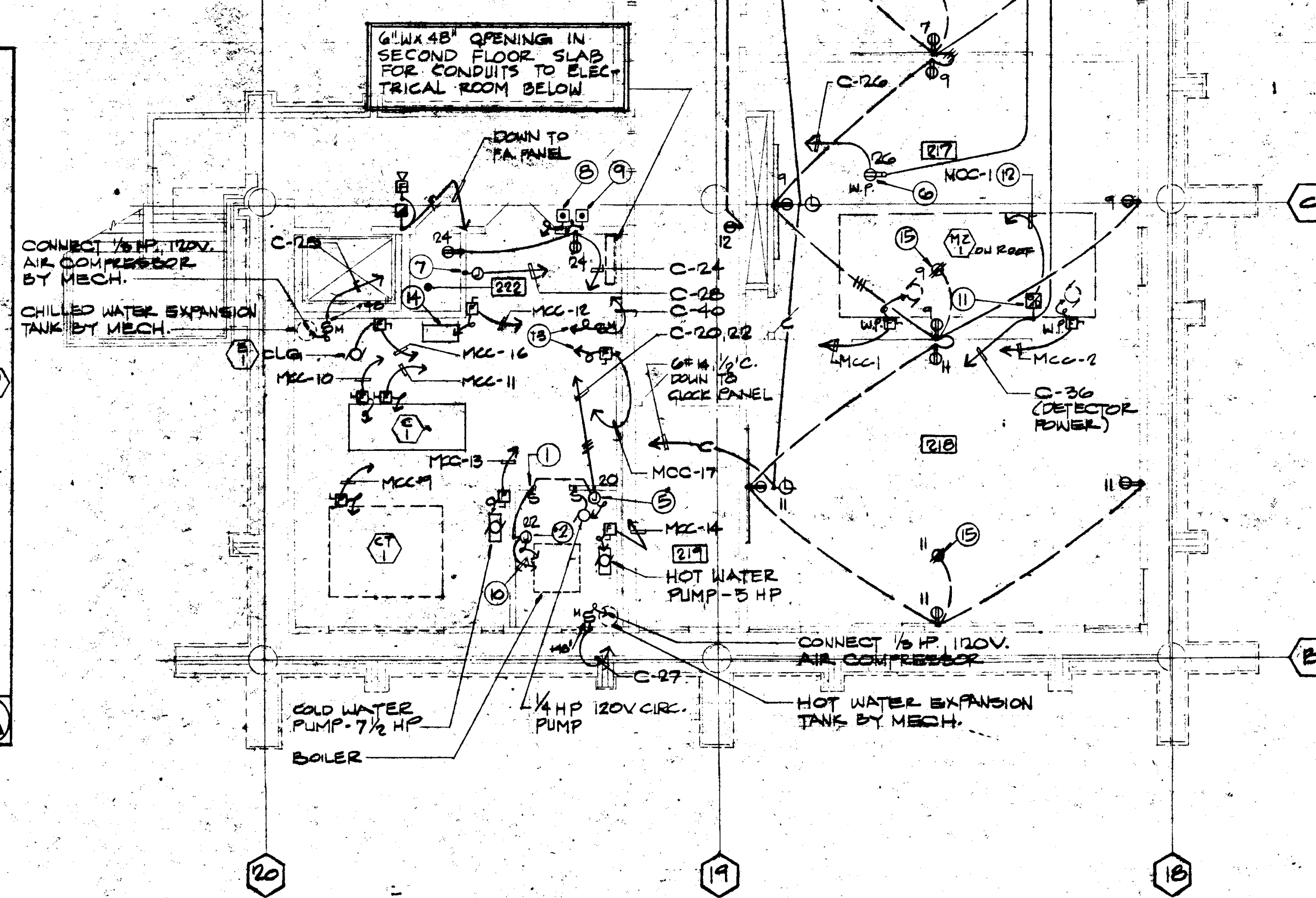
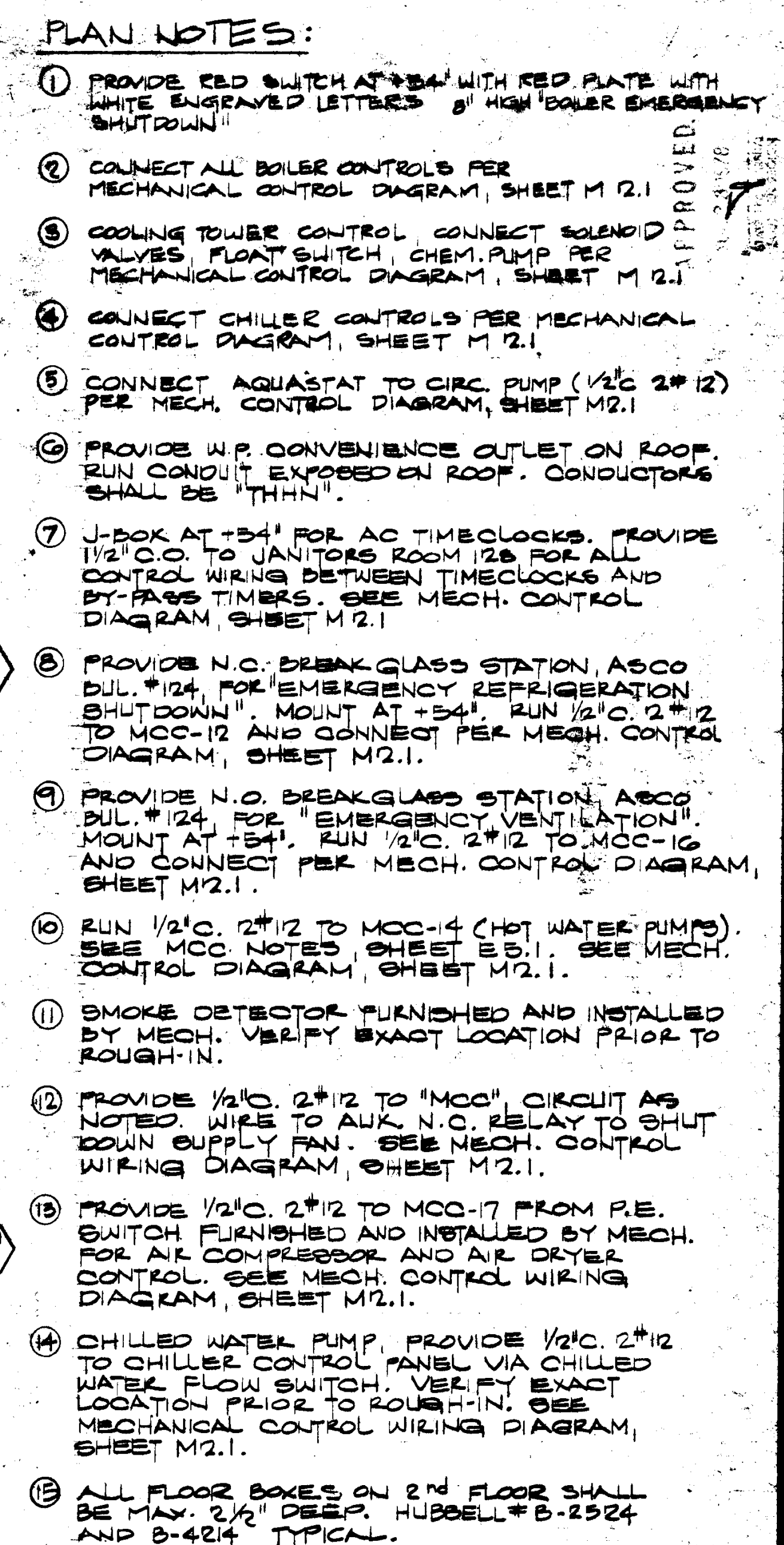


WILLIAM L. PEREIRA ASSOCIATES  
PLANNERS-ARCHITECTS-ENGINEERS  
URBANUS SQUARE MACARTHUR BLVD. AT FORD ROAD  
CORNELL DEL MAR, CALIFORNIA 92026  
714.644.0020

EDUCATIONAL UNIT 2A  
GOLDEN WEST COLLEGE  
HUNTINGTON BEACH, CALIFORNIA  
COAST COMMUNITY COLLEGE DISTRICT

EDUCATIONAL UNIT 2A  
SECOND FLOOR LIGHTING PLAN  
PROJECT NO. 16045.000  
SHEET NO. E3.3  
SHEET 64 OF 64  
DATE 1/25/20  
BY 6/23/20





**SEISMIC RESTRAINT:**

1. ALL ELECTRICAL EQUIPMENT SHALL BE ANCHORED TO FOUNDATION WITH LATERAL FORCE OF 200% OF THE MAXIMUM WEIGHT OF THE UNIT FOR STATICALLY MOUNTED EQUIPMENT AND 40% OF THE MAXIMUM WEIGHT FOR FREELY MOUNTED EQUIPMENT.
2. BECAUSE OF VARIATION IN MANUFACTURE AND CONFIGURATION, SHOP DRAWINGS OF THE METHOD OF ANCHORING, CERTIFIED BY A STRUCTURAL ENGINEER REGISTERED IN THE STATE OF CALIFORNIA, SHALL BE SUBMITTED TO THE ARCHITECT FOR SUBMISSION TO THE OFFICE OF THE STATE ARCHITECT FOR APPROVAL PRIOR TO SUBSTITUTION. SUBSTITUTION SHALL BE LIMITED TO EQUIPMENT IN EXCESS OF 1000 LBS.

EDUCATIONAL UNIT 2A SECOND FLOOR POWER SIGNAL PLAN		EDUCATIONAL UNIT 2A GOLDEN WEST COLLEGE HUNTINGTON BEACH, CALIFORNIA COAST COMMUNITY COLLEGE DISTRICT		WILLIAM L. PEREIRA ASSOCIATES PLANNERS-ARCHITECTS-ENGINEERS URBANUS SQUARE McARTHUR BLVD. AT FORD ROAD CORONA DEL MAR, CALIFORNIA 92625		PROJECT NO. 17015-000		SHEET NO. E3.4		SHEET 66 OF 66	
ISSUE DATE		PROJECT NO.		SHEET NO.		SHEET 66 OF 66		PROJECT NO.		SHEET NO.	
PROJECT NO. 17015-000		SHEET NO. E3.4		SHEET 66 OF 66		PROJECT NO. 17015-000		SHEET NO. E3.4		SHEET 66 OF 66	
PROJECT NO. 17015-000		SHEET NO. E3.4		SHEET 66 OF 66		PROJECT NO. 17015-000		SHEET NO. E3.4		SHEET 66 OF 66	
PROJECT NO. 17015-000		SHEET NO. E3.4		SHEET 66 OF 66		PROJECT NO. 17015-000		SHEET NO. E3.4		SHEET 66 OF 66	
PROJECT NO. 17015-000		SHEET NO. E3.4		SHEET 66 OF 66		PROJECT NO. 17015-000		SHEET NO. E3.4		SHEET 66 OF 66	
PROJECT NO. 17015-000		SHEET NO. E3.4		SHEET 66 OF 66		PROJECT NO. 17015-000		SHEET NO. E3.4		SHEET 66 OF 66	
PROJECT NO. 17015-000		SHEET NO. E3.4		SHEET 66 OF 66		PROJECT NO. 17015-000		SHEET NO. E3.4		SHEET 66 OF 66	
PROJECT NO. 17015-000		SHEET NO. E3.4		SHEET 66 OF 66		PROJECT NO. 17015-000		SHEET NO. E3.4		SHEET 66 OF 66	
PROJECT NO. 17015-000		SHEET NO. E3.4		SHEET 66 OF 66		PROJECT NO. 17015-000		SHEET NO. E3.4		SHEET 66 OF 66	
PROJECT NO. 17015-000		SHEET NO. E3.4		SHEET 66 OF 66		PROJECT NO. 17015-000		SHEET NO. E3.4		SHEET 66 OF 66	
PROJECT NO. 17015-000		SHEET NO. E3.4		SHEET 66 OF 66		PROJECT NO. 17015-000		SHEET NO. E3.4		SHEET 66 OF 66	
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PROJECT NO. 17015-000		SHEET NO. E3.4		SHEET 66 OF 66		PROJECT NO. 17015-000		SHEET NO. E3.4		SHEET 66 OF 66	
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PROJECT NO. 17015-000		SHEET NO. E3.4		SHEET 66 OF 66		PROJECT NO. 17015-000		SHEET NO. E3.4		SHEET 66 OF 66	
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PROJECT NO. 17015-000		SHEET NO. E3.4		SHEET 66 OF 66		PROJECT NO. 17015-000		SHEET NO. E3.4		SHEET 66 OF 66	
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PROJECT NO. 17015-000		SHEET NO. E3.4		SHEET 66 OF 66		PROJECT NO. 17015-000		SHEET NO. E3.4		SHEET 66 OF 66	
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