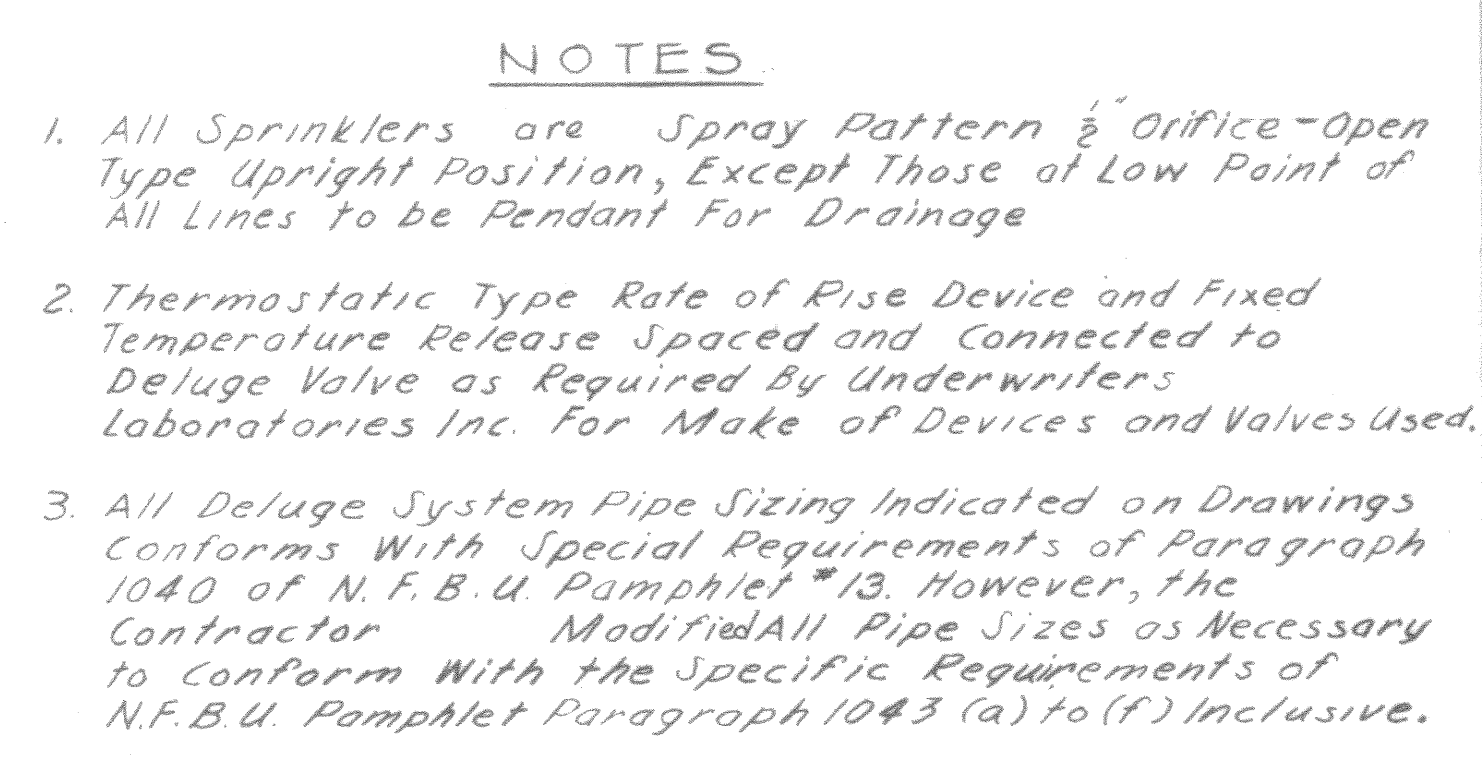
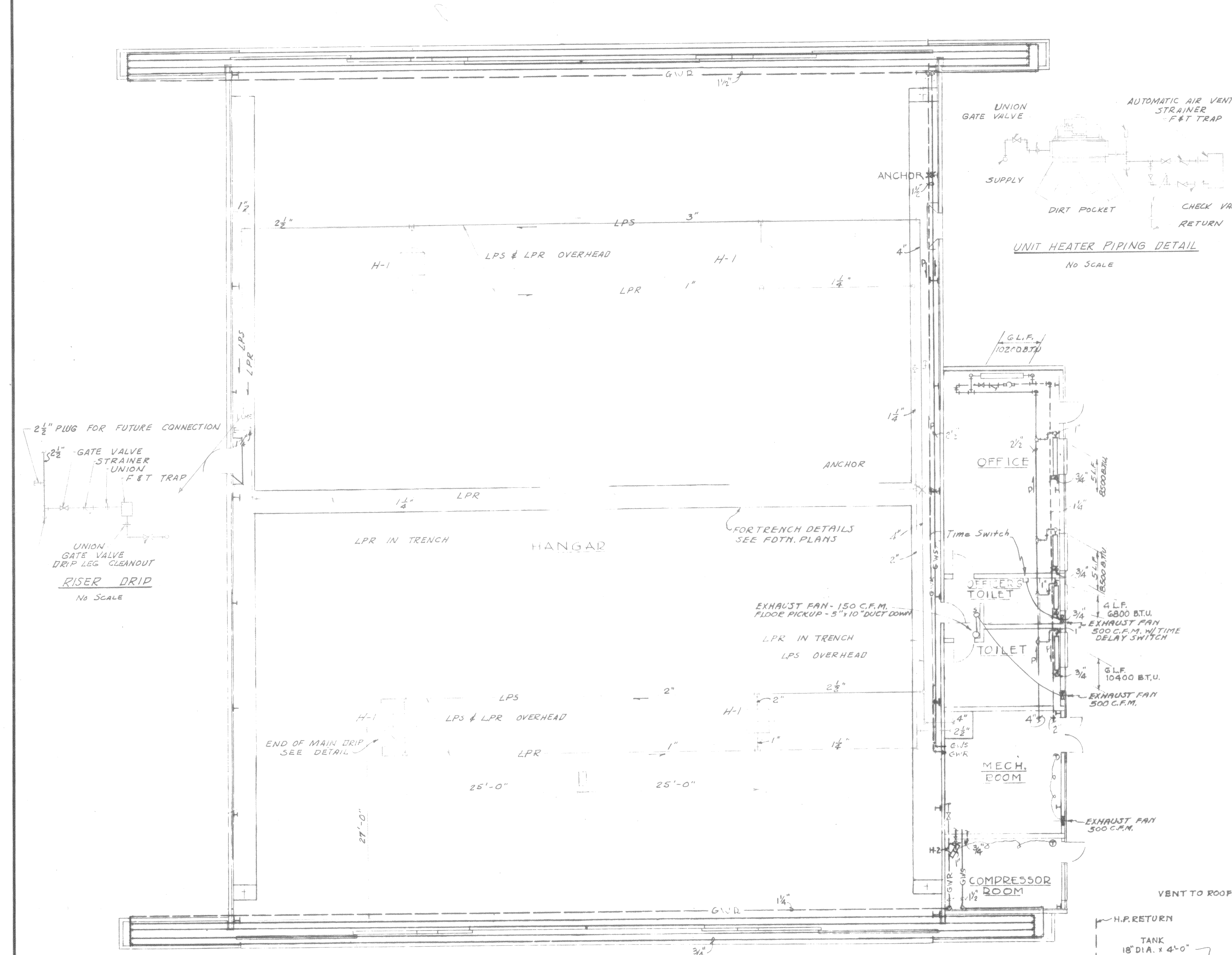


HANGER & AVI. FAC.



THIS DRAWING SHOWS AS - BUILT CONSTRUCTION

[illegible]

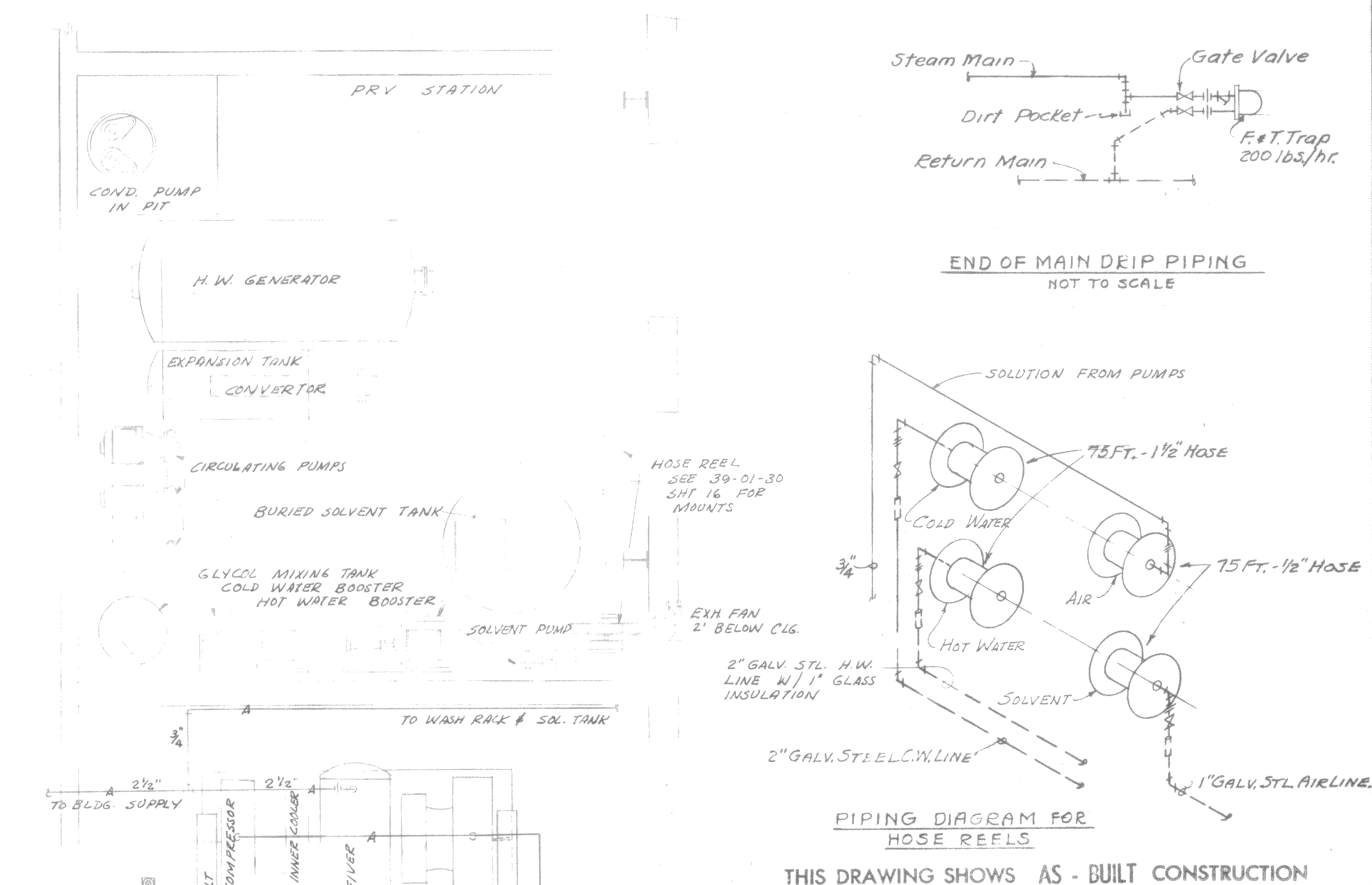


UNIT HEATER SCHEDULE - BASED ON 10 LB STEAM										
SYM	TOTAL BTU/HR	NO OF UNITS	BTU PER HR/UNIT	CFM/UNIT	AIR TEMP ENT	AIR TEMP FINAL	LB5 STEAM PER HR/UNIT	PIPE SIZE SUPPLY	PIPE SIZE RET.	F&T TRAP
H-1	1,000,000	4	250,000	4300	50	120	352	2"	1"	1"
H-2	25,000	1	22,000	310	50	112	24	1"	1"	1"

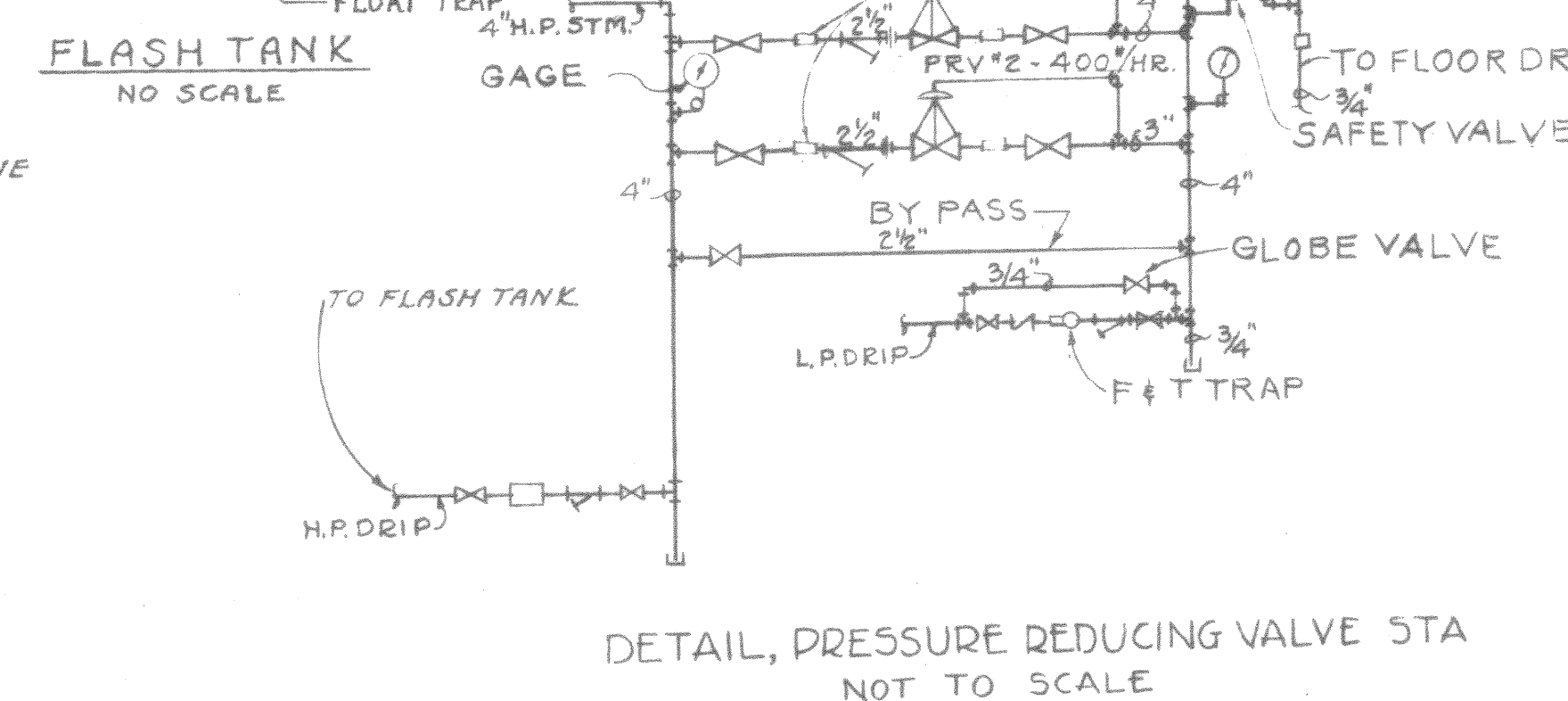
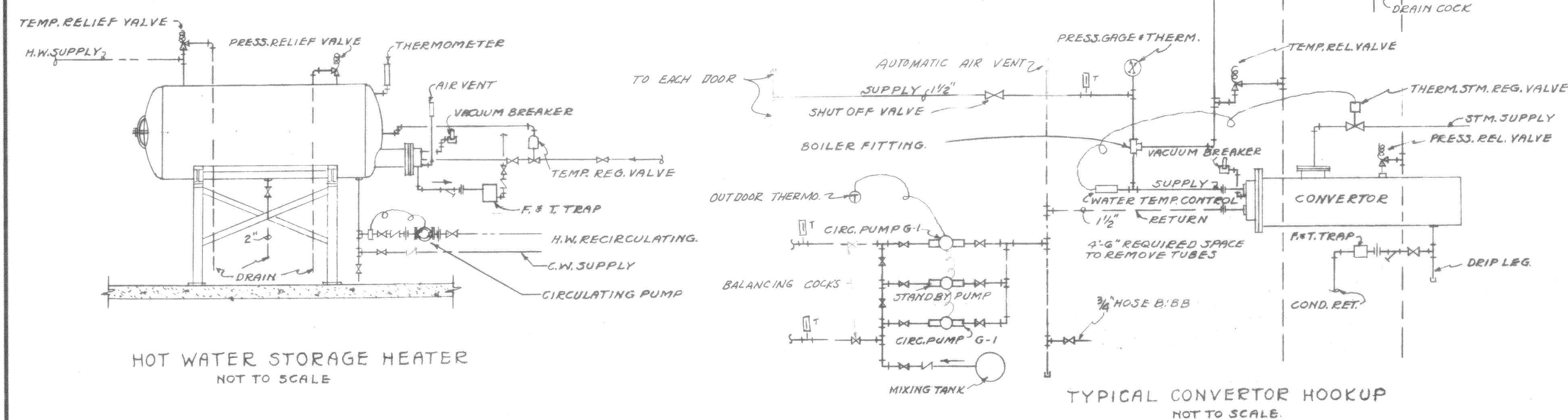
PUMP SCHEDULE										PRV SCHEDULE	
DUPLEX CONDENSATE PUMP					GLYCOL CIRCULATION PUMP					VALVE NO. 1	VALVE NO. 2
SYM	EDR	GPM	TANK	PSIG	HP	SYM	GPM	HEAD	RPM	HP	LB5. STM/HR
C-1	6000	9	60 GAL.	40	3/4	G-1	12	24	3/4	3/4	800

NOTES - HEATING

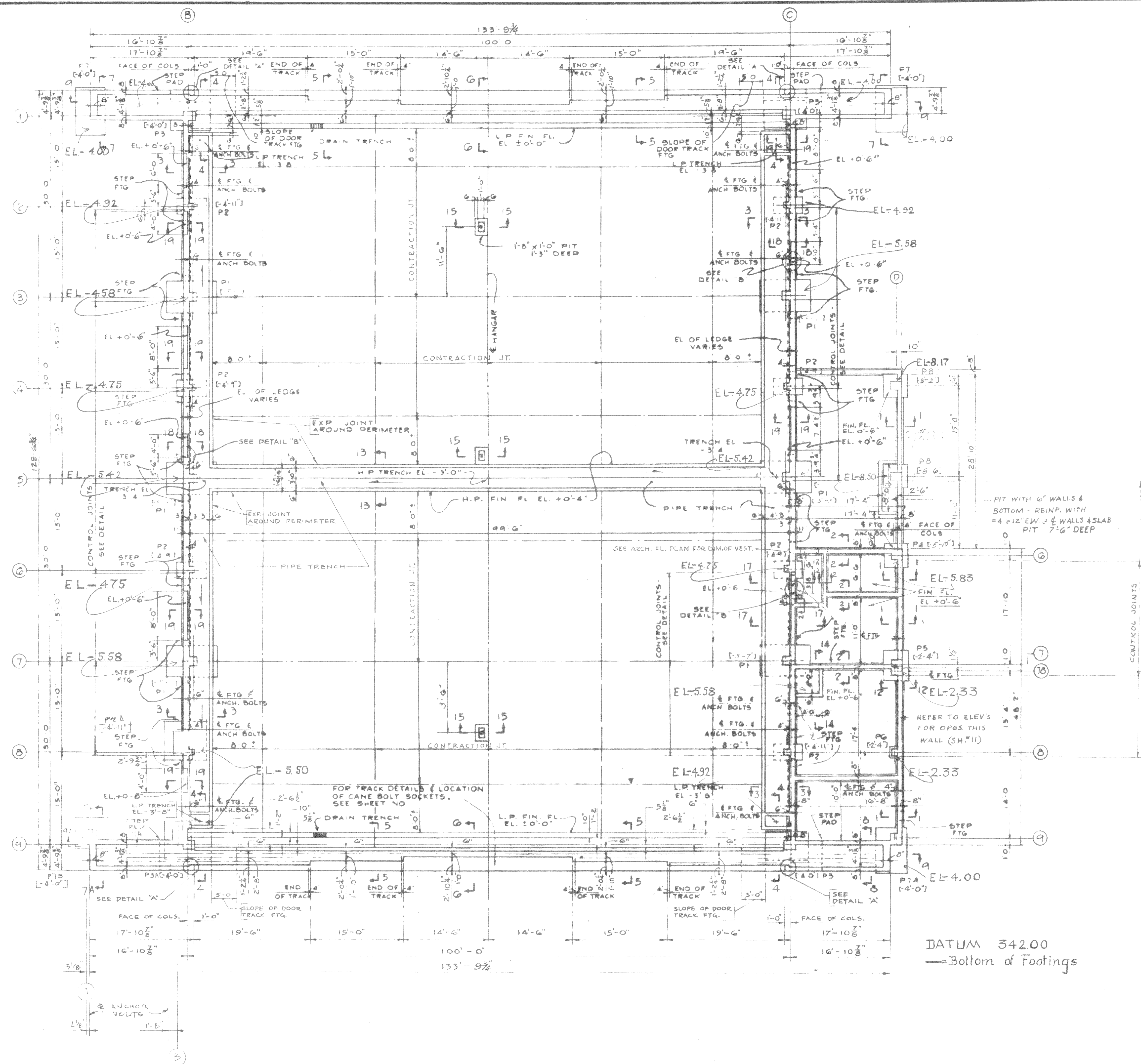
- 1- CONVERTOR 26 GPM. FROM 170° TO 190° WITH STEAM 10 PSIG & WITH 3.3 FT. MAX. HEAD LOSS
- 2- THERMOSTATIC STEAM REGULATING VALVE 300 STM. PER HR. @ 10 P.S.I.G. INLET PRESS.
- 3- CONVERTOR F&T TRAPS 700 LB5 CONDENSATE PER HR.
- 4- EXPANSION TANK 24"x45" 80 GAL. CAPACITY
- 5- PRESSURE RELIEF VALVE 330 LB5. STM. PER HR. @ 13-15 P.S.I.
- 6- SAFETY VALVE AT PRV STATION 1300 LB5. PER HR. CAPACITY.



NOTE:
ALL PIPING & EXPANSION JOINTS RUNNING IN SAND FILLED TUNNELS ARE CONTAINED IN SUITABLE INSULATED CONDUIT OF A TYPE USED IN UNDERGROUND STEAM DISTRIBUTION SERVICE.

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

REV.	DATE	BY	CHKD.	ACTION	DESCRIPTION	BY	APPR.
LEASE COMPANY INC. CONSTRUCTION CONTRACTORS SEATTLE WASHINGTON							
DEPARTMENT OF THE ARMY CORPS OF ENGINEERS OFFICE OF THE RESIDENT ENGINEER ALASKA DISTRICT FORT RICHARDSON, ALASKA							
FT. RICHARDSON, ALASKA HANGAR & AVIATION FACILITIES HANGAR MECHANICAL HEATING AND VENTILATING							
DESIGNED:							
DRAWN:							
TRACED:							
CHECKED:							
SUBMITTED:							
RECOMMENDED:	APPROVED: <i>Edwin R. McKee</i> Major CE PRIME CONTRACTOR RESIDENT ENGINEER						
DATE	SCALE AS SHOWN SPEC. NO. DRAWING NUMBER 39-01-30 SHEET 18 OF 21						



Note: For general notes
& sections, see sheet 9

THIS DRAWING SHOWS AS - BUILT CONSTRUCTION

DATUM 342.00
— Bottom of Footings

DESIGNED	DATE	BY	APP'D
DRAWN			
TRACED			
CHECKED			
SUBMITTED			
RECOMMENDED			
APPROVED			
DATE			
LEASE COMPANY INC. CONSTRUCTION CONTRACTORS SEATTLE WASHINGTON			
DEPARTMENT OF THE ARMY CORPS OF ENGINEERS OFFICE OF THE RESIDENT ENGINEER ALASKA DISTRICT FORT RICHARDSON, ALASKA			
FT. RICHARDSON, ALASKA HANGAR & AVIATION FACILITIES HANGAR STRUCTURAL FOUNDATION PLAN			
PRIME CONTRACTOR		RESIDENT ENGINEER	
DATE		DATE	
DRAWING NUMBER 39-01-30		SHEET NO. 8 OF 21	

SERIAL NO. ENG. 95-507-56-38 (33)

CORPS

HANGER & AVI. FAC.

39-01-30 77430-12

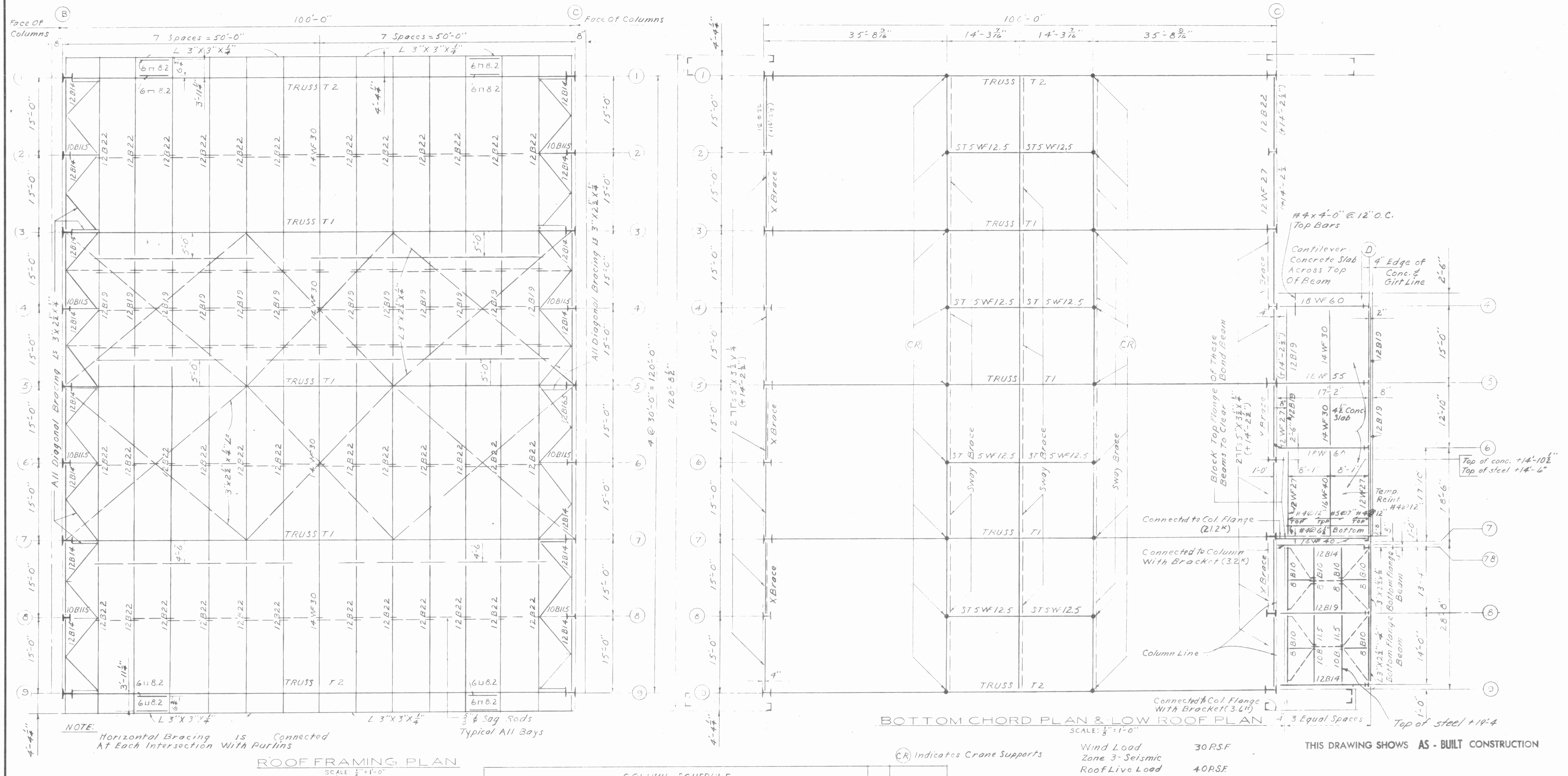
SI-8/FOUND. PLAN

CDRPS

HANGER & AVI. FAC.

39-01-30	47430-12
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C3-10 ROOF FRAM. PLAN & SCHED.



ROOF FRAMING PLAN

NOTES

For wall framing see sheet 11
For front wall framing
See sheet 13
For hanger door details
See sheet 6
For arrangement of bars in
Footings Schedule shown
Thus (1-6-1) See Footing
Detail on sheet 9.
*SPECIAL FOOTINGS FOR
DB, 59, & A9

[illegible]

NOTES:

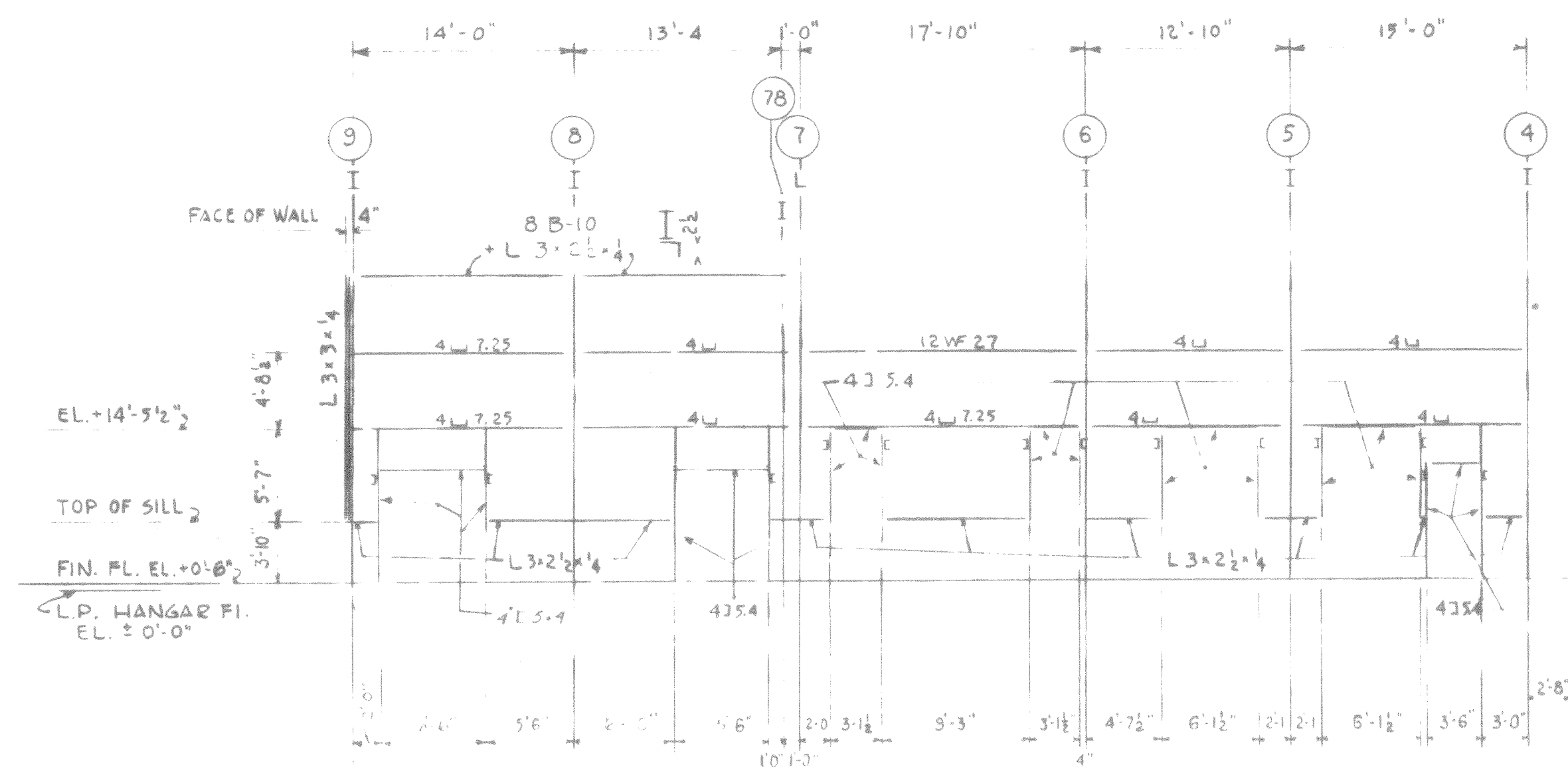
- 1 For all roof framing plans, all sag rods $\frac{5}{8}$ " rods
Except as otherwise noted.
- 2 Shop connections are riveted or welded. Field
Connections are bolted unless noted.
- 3 Rivets & bolts $\frac{3}{4}$ " unless noted.
- 4 All girt connections $\frac{5}{8}$ " bolts.
- 5 All purlins to truss connections are 2- $\frac{3}{4}$ " bolts.
Located as shown in detail on truss detail sheet.
- 6 Trusses: Shop rivets $\frac{3}{4}$ ". Field splice $\frac{5}{8}$ "
high tensile bolts.
- 7 For purlin to purlin connections used 2 pair standard
Framing angles.
- 8 Provided holes in steel members for nailers, slab
Reinf. & masonry anchors ect, as req'd by architectural
Details.
- 9 Provided open holes in cols & Beams for all possible
Future steel connections.
- 10 Wall-bearing beams are provided with Std. Govt.
Anchors & bearing plates.

[illegible]

CORPS

39-01-30 47430-12
S4-11 WALL FRAM.

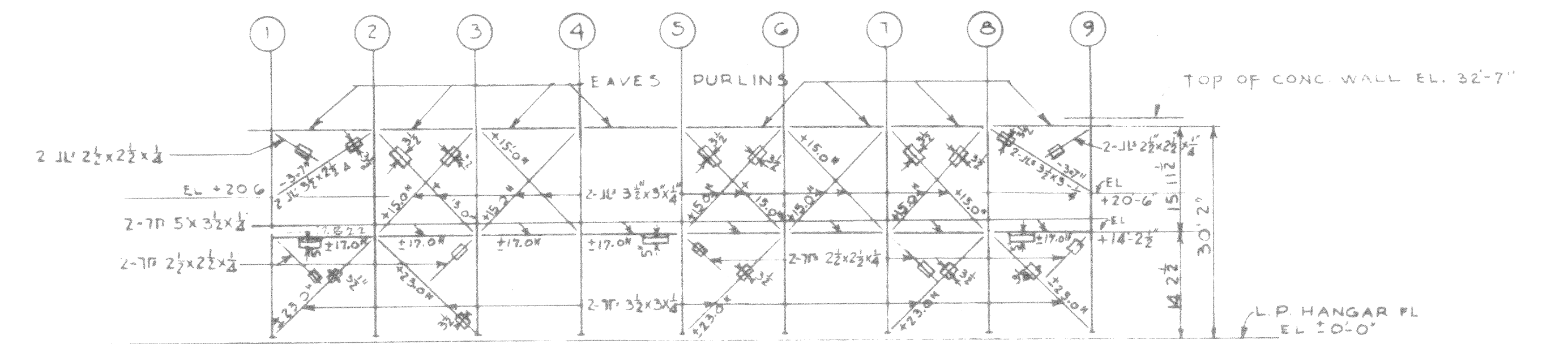
HANGER & AVI. FAC.



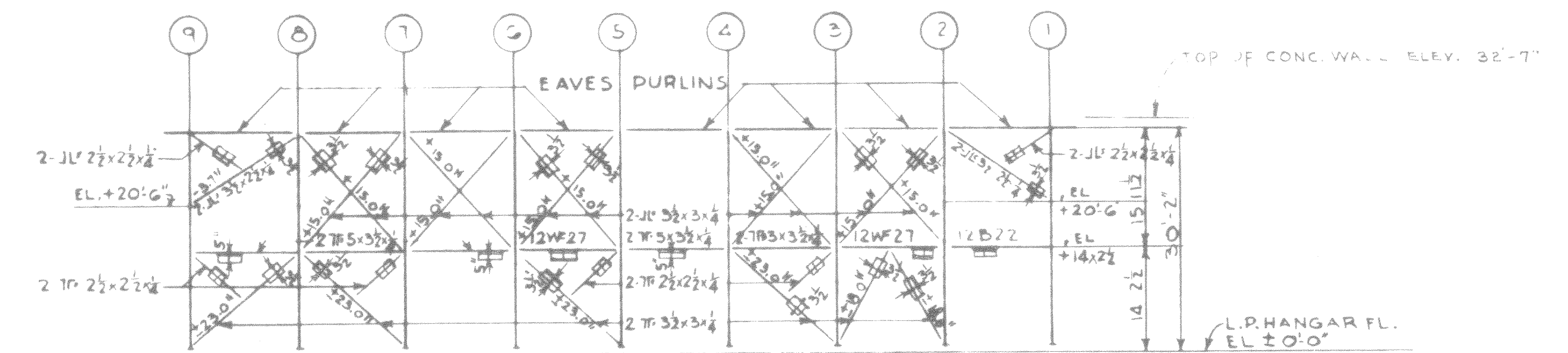
ALONG COLUMN LINE D

NOTE:
PROVIDE 3/8" Ø BOLTS 4'-0" O.C. (2 MIN.)
AT 3"x2 1/2" SILL ANGLES
PROVIDE CLIPS FOR ALL JAMBS
EXP. BOLT TO CURB

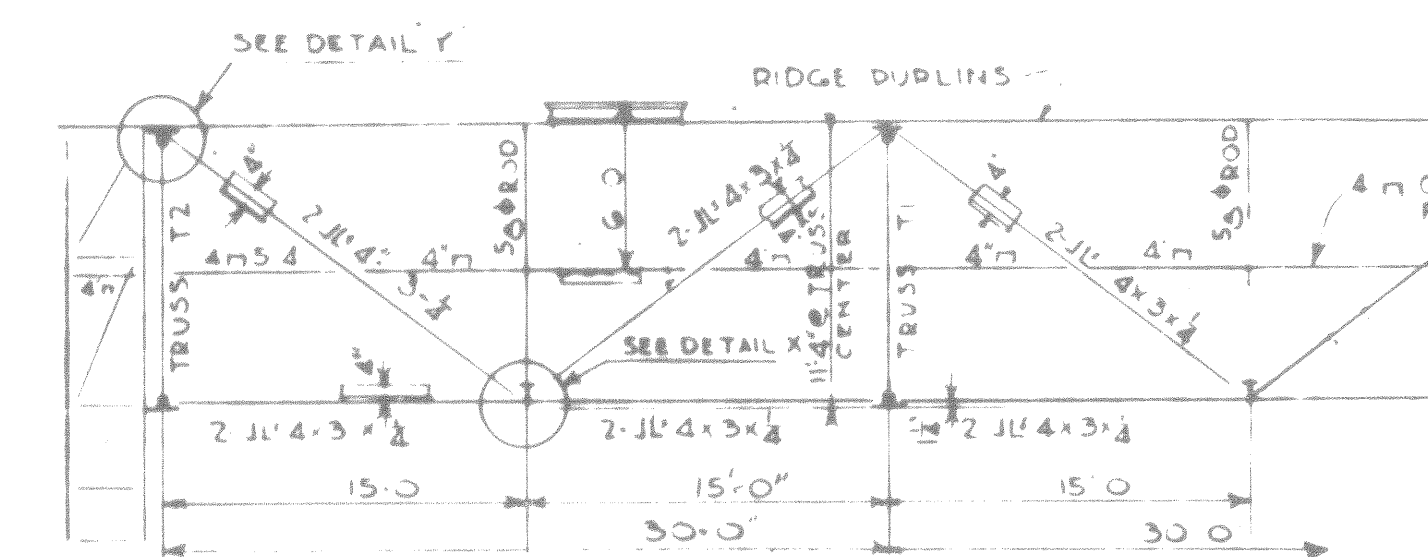
MAIN HANGAR ELEVATIONS



X-BRACING ALONG COLUMN LINE B

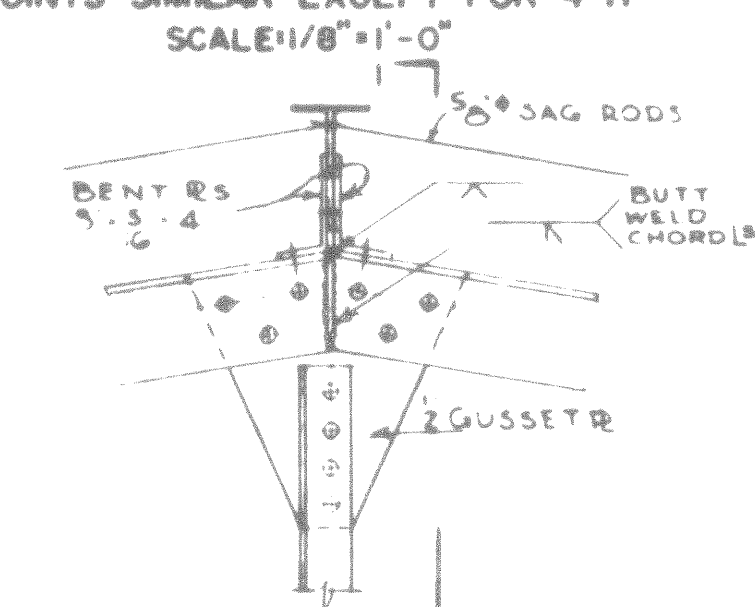


X-BRACING ALONG COLUMN LINE C



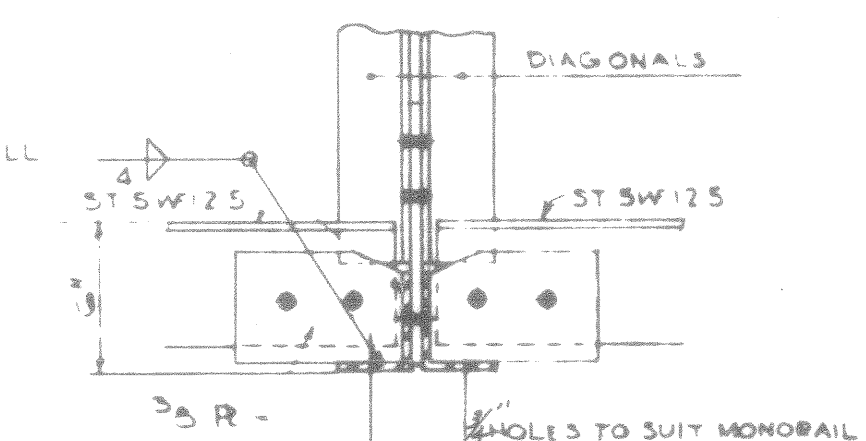
TYPICAL SWAY BRACING & CURTAIN WALL FRAMING

SWAY BRACING AT INTERMEDIATE PANEL
POINTS SIMILAR EXCEPT FOR 4" n

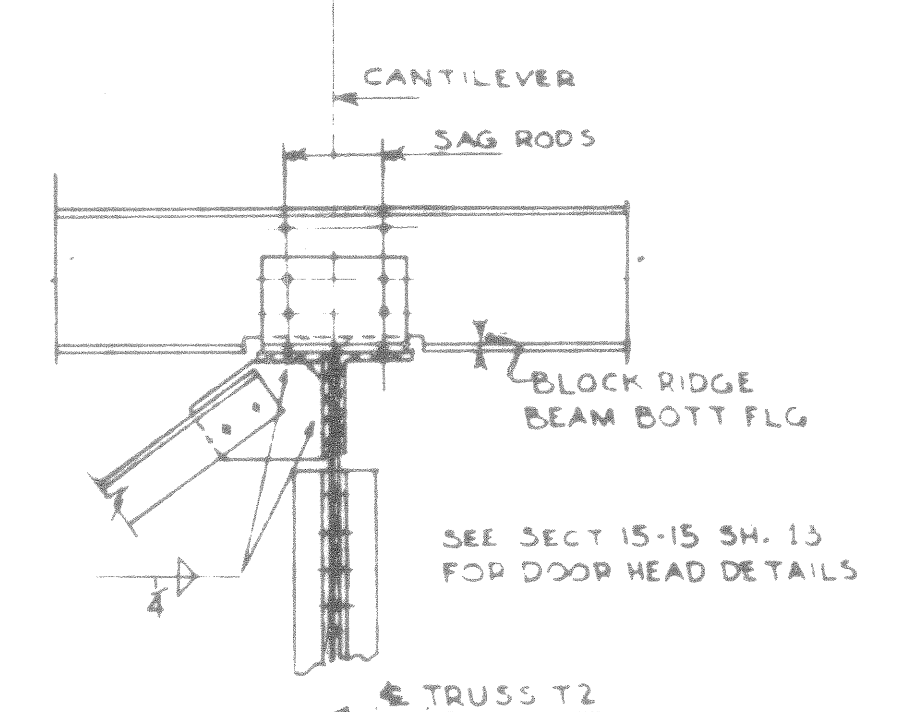


ALL OTHER DETAILS SAME
AS DETAIL C FOR RIVETED T

DETAIL Y
RIVETED TRUSS ONLY
SCALE: 3/4" = 1'-0"

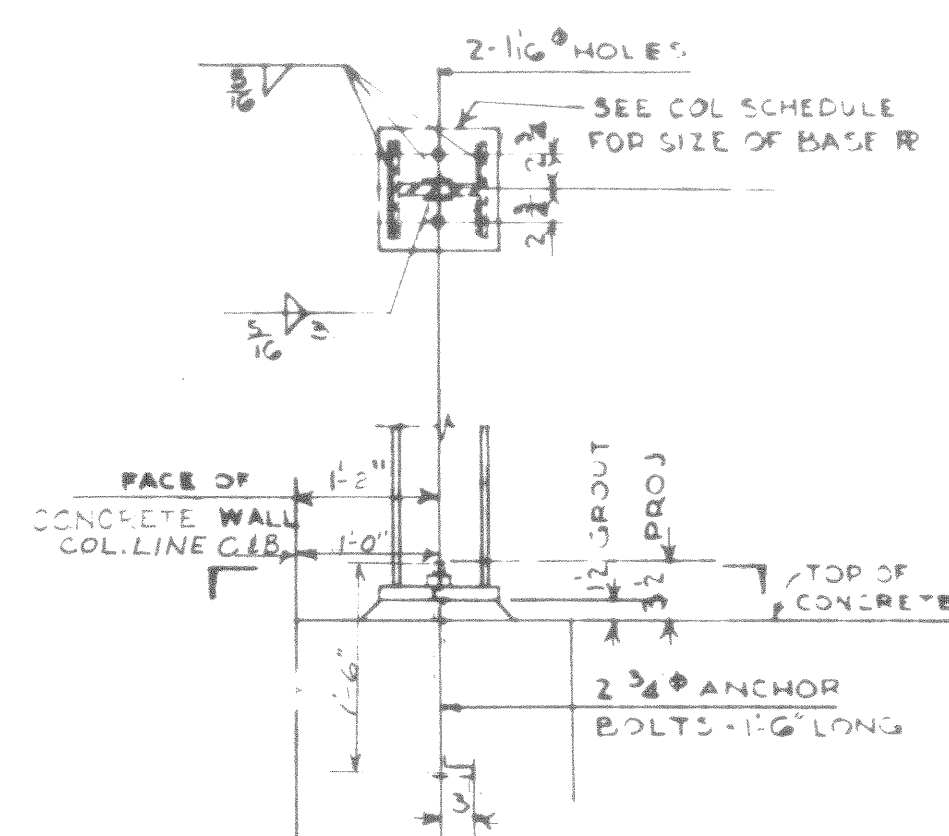


DETAIL X
SCALE: 1 1/2" = 1'-0"

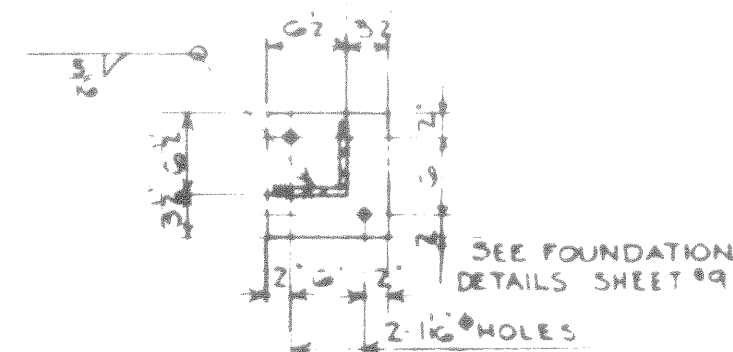


SECTION 1-1
SCALE: 3/4"=1'-0"

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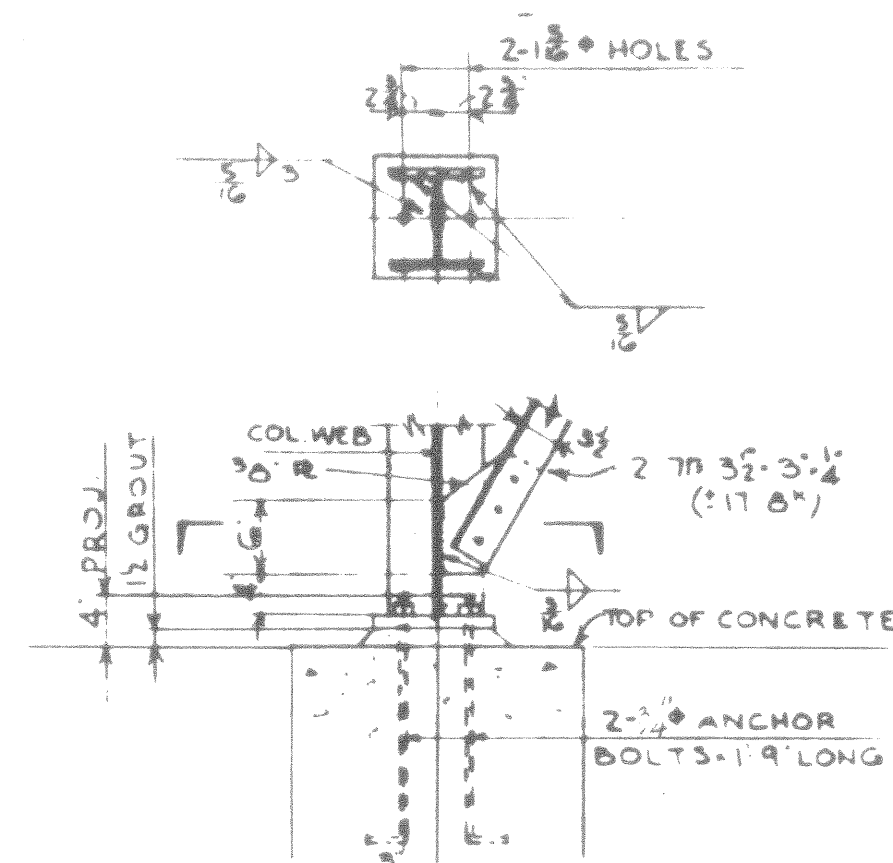


TYPICAL COL. BASE DETAIL
FOR ALL 8" WF COLUMNS
SCALE: 3/4"=1'-0"



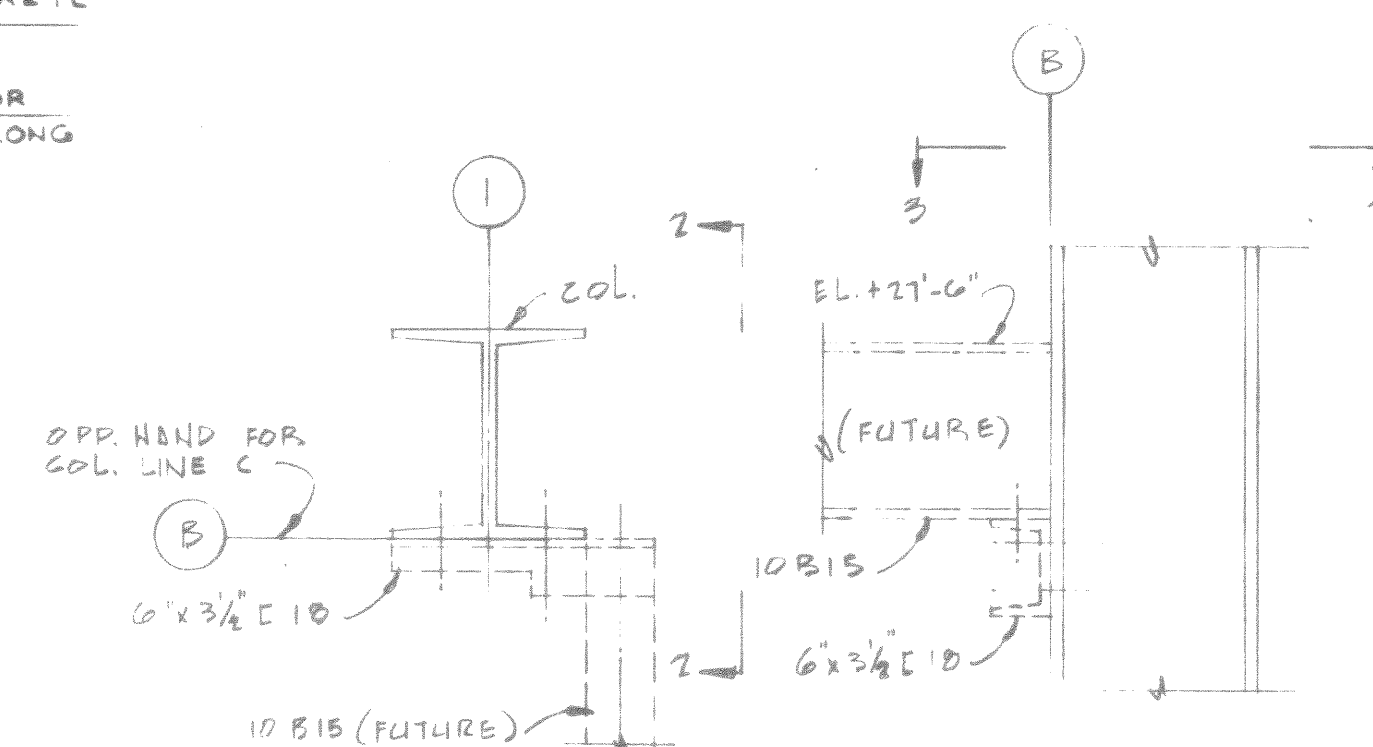
COLUMN BASE DETAIL
FOR COLUMN D7

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



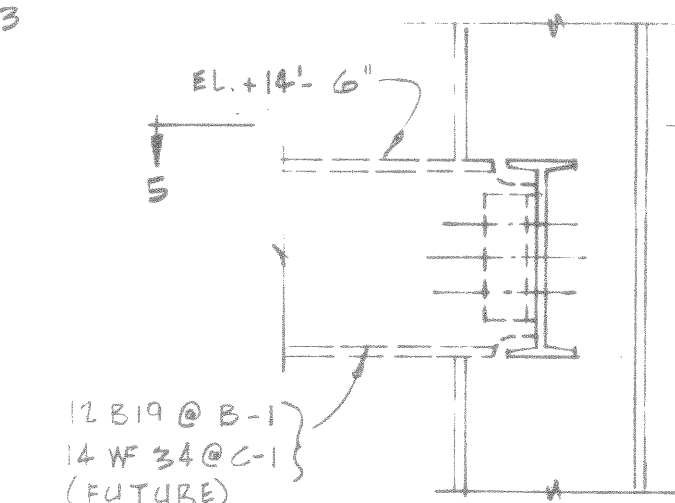
COLUMN C2 BASE DETAIL

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

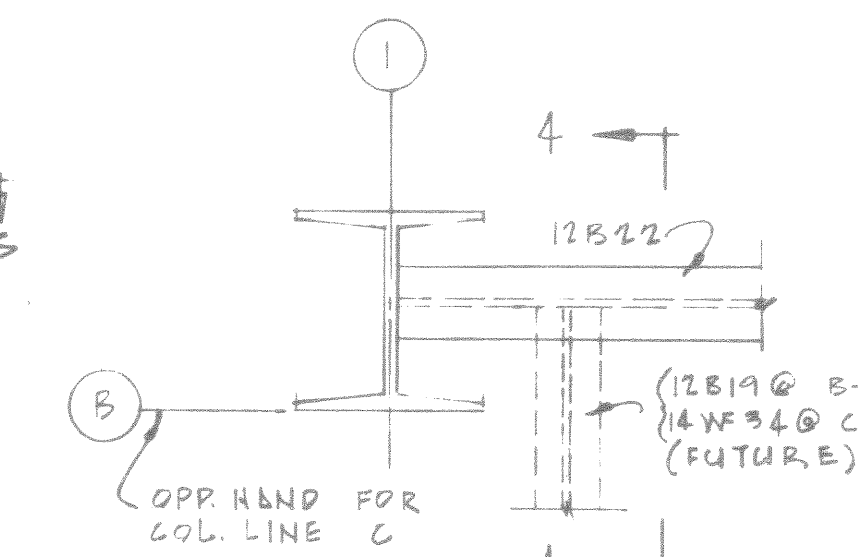


SECTION 3-3
SCALE: 1"=1'-0"

SECTION 2-2
SCALE: 1"=21'-0"

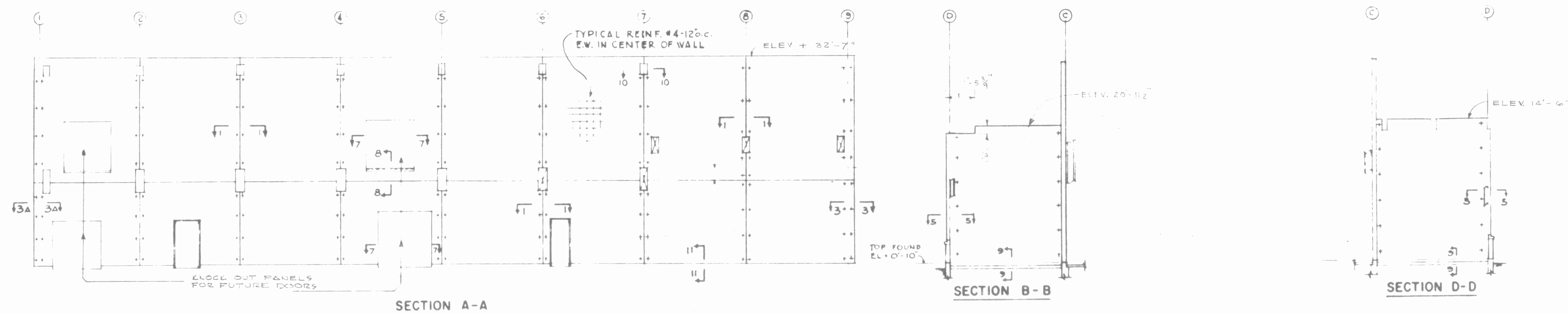


SECTION 4-4
SCALE: 1"=1'-0"

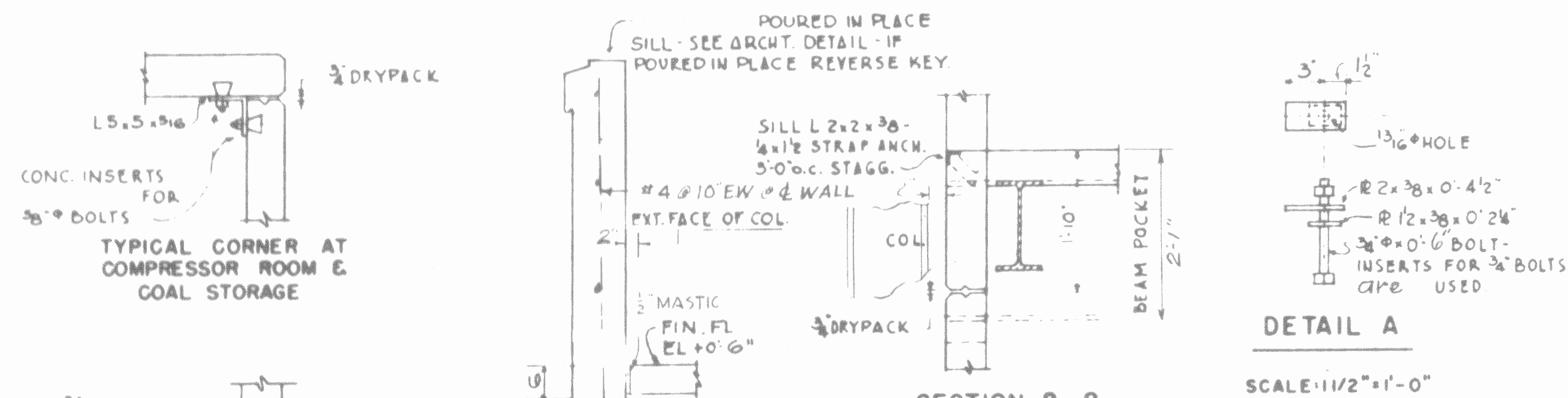


SECTION 5-5
SCALE: 1"=1'-0"

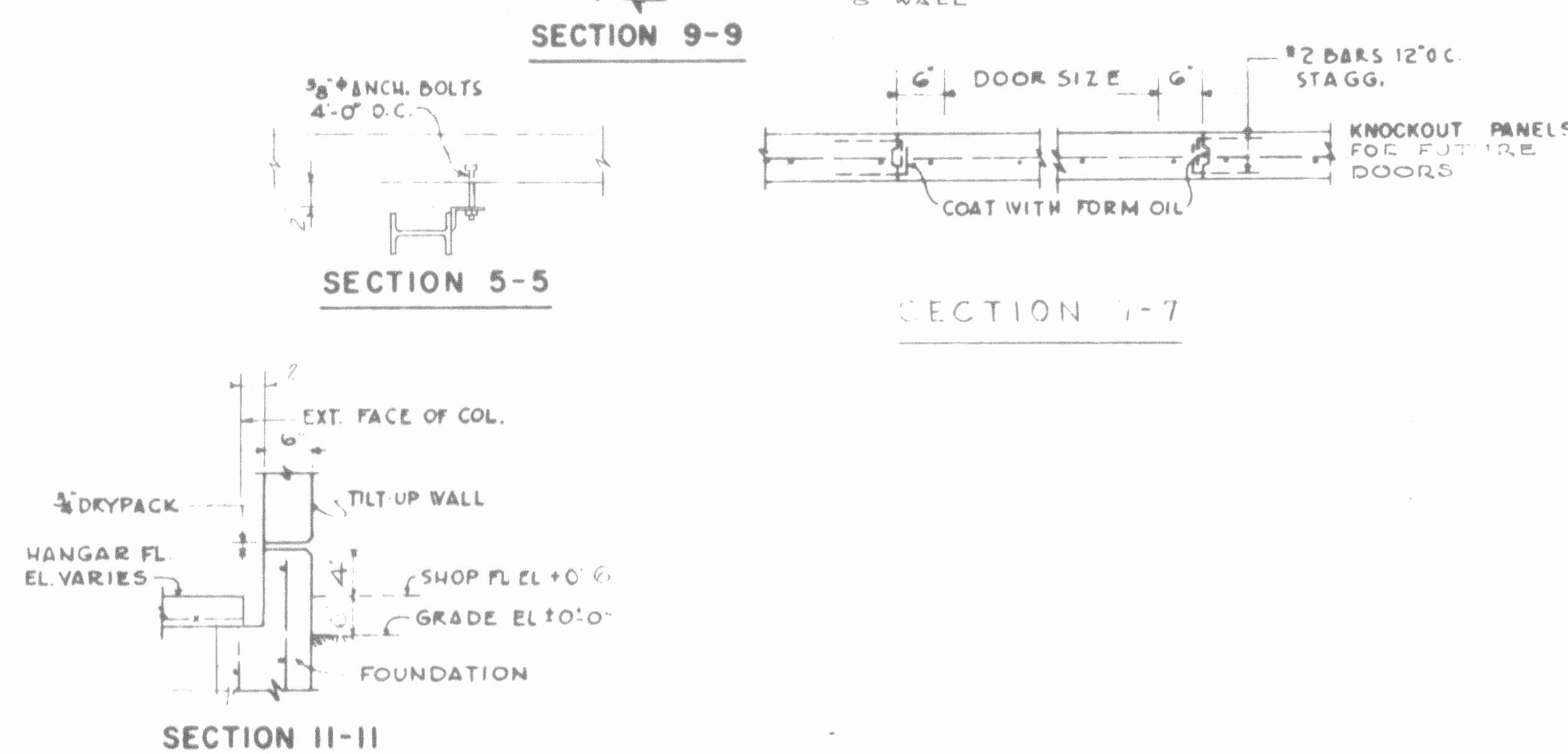
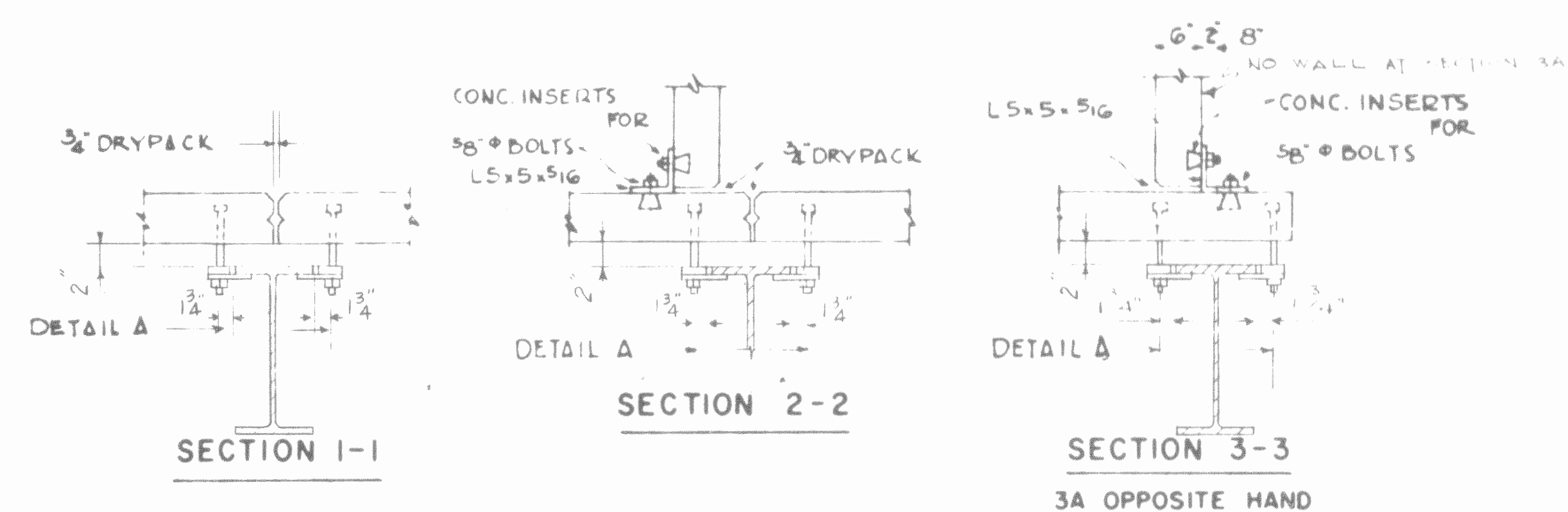
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REFER TO SHEET 39-01-30 FOR SIZES & LOCATIONS OF FUTURE OPENINGS (SEE SHEET 39-01-30)

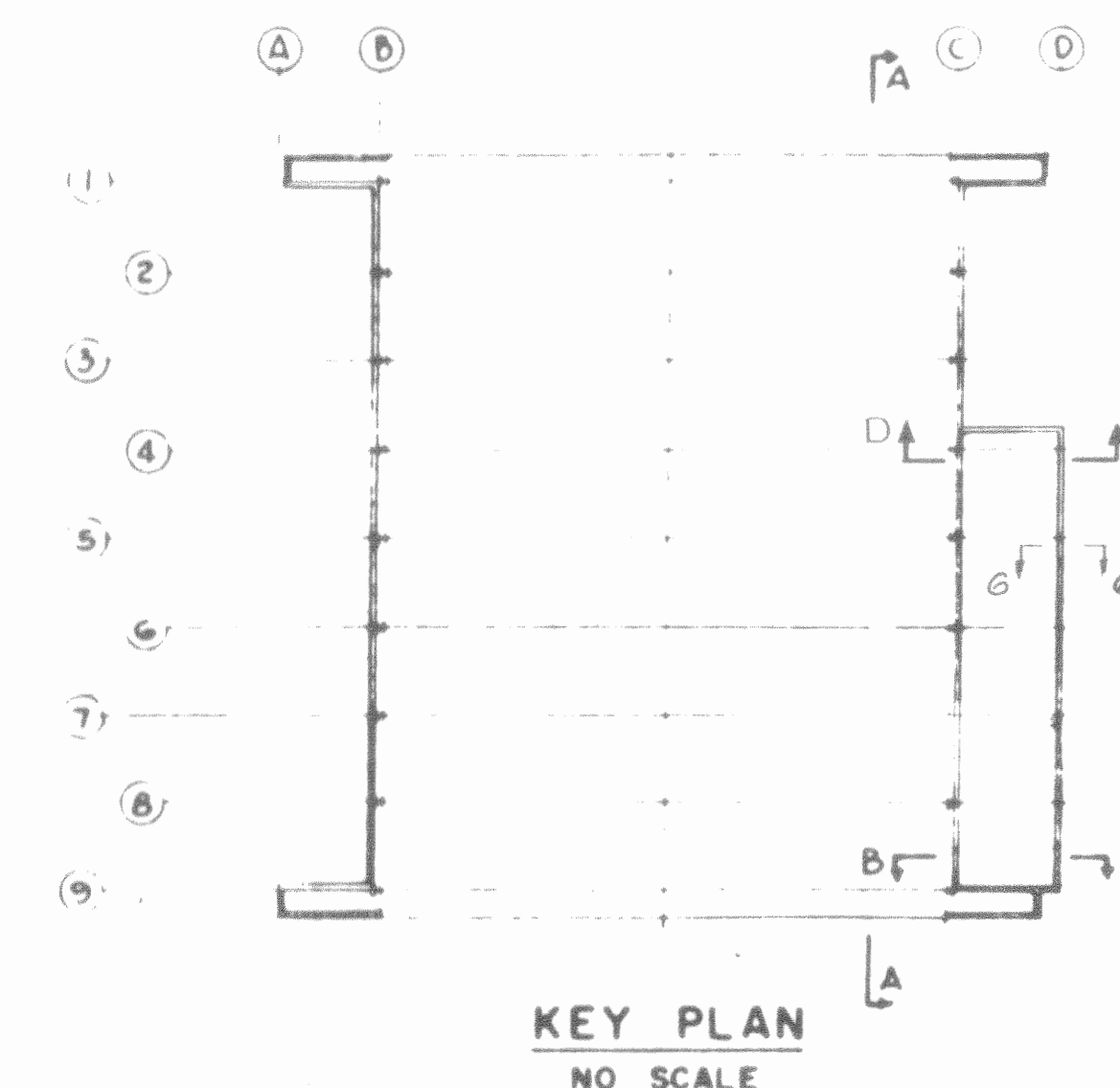


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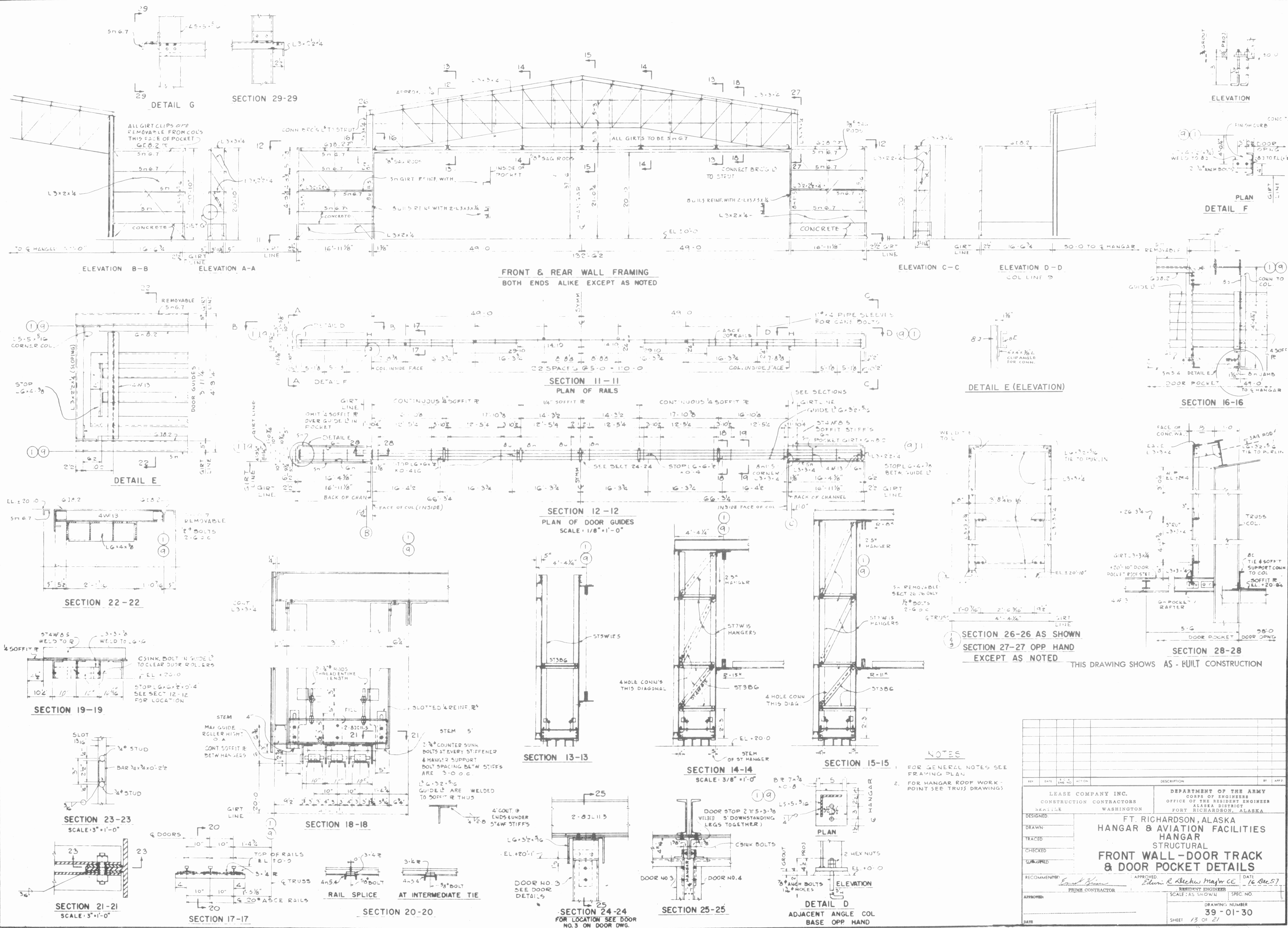
NOTES:

- TYPICAL REINFORCING #4-12" O.C. EA WAY IN CENTER OF WALL.
- FOR TYPICAL FOUNDATION NOTES SEE SHEET 9.
- THIS SHEET IS USED IN CONJUNCTION WITH FOUNDATION PLAN & DETAILS (SHEETS 8 & 9). DETAILS ARE SIMILAR TO THOSE SHOWN ON SHEET 9.
- ALL CONCRETE USED IN TILT-UP WALLS IS CLASS B ($F_c = 2500$ LBS PER SQ. IN. AT 28 DAYS).



REV.	DATE	BY	CHKD.	ACTION	DESCRIPTION	BY	APPD.
LEASE COMPANY INC. CONSTRUCTION CONTRACTORS SEATTLE WASHINGTON							
DEPARTMENT OF THE ARMY CORPS OF ENGINEERS OFFICE OF THE RESIDENT ENGINEER ALASKA DISTRICT FORT RICHARDSON, ALASKA							
DESIGNED: <i>Edmund R. Becker</i> DRAWN: <i>Edmund R. Becker</i> TRACED: <i>Edmund R. Becker</i> CHECKED: <i>Edmund R. Becker</i> SIGNATURE: <i>Edmund R. Becker</i>							
RECOMMENDED: <i>Edmund R. Becker</i> APPROVED: <i>Edmund R. Becker</i> Major CE PRIME CONTRACTOR DATE: 16 Dec 57							
DRAWING NUMBER: 39-01-30 SHEET 12 OF 21							

SERIAL NO. ENG. 95-507-56-38

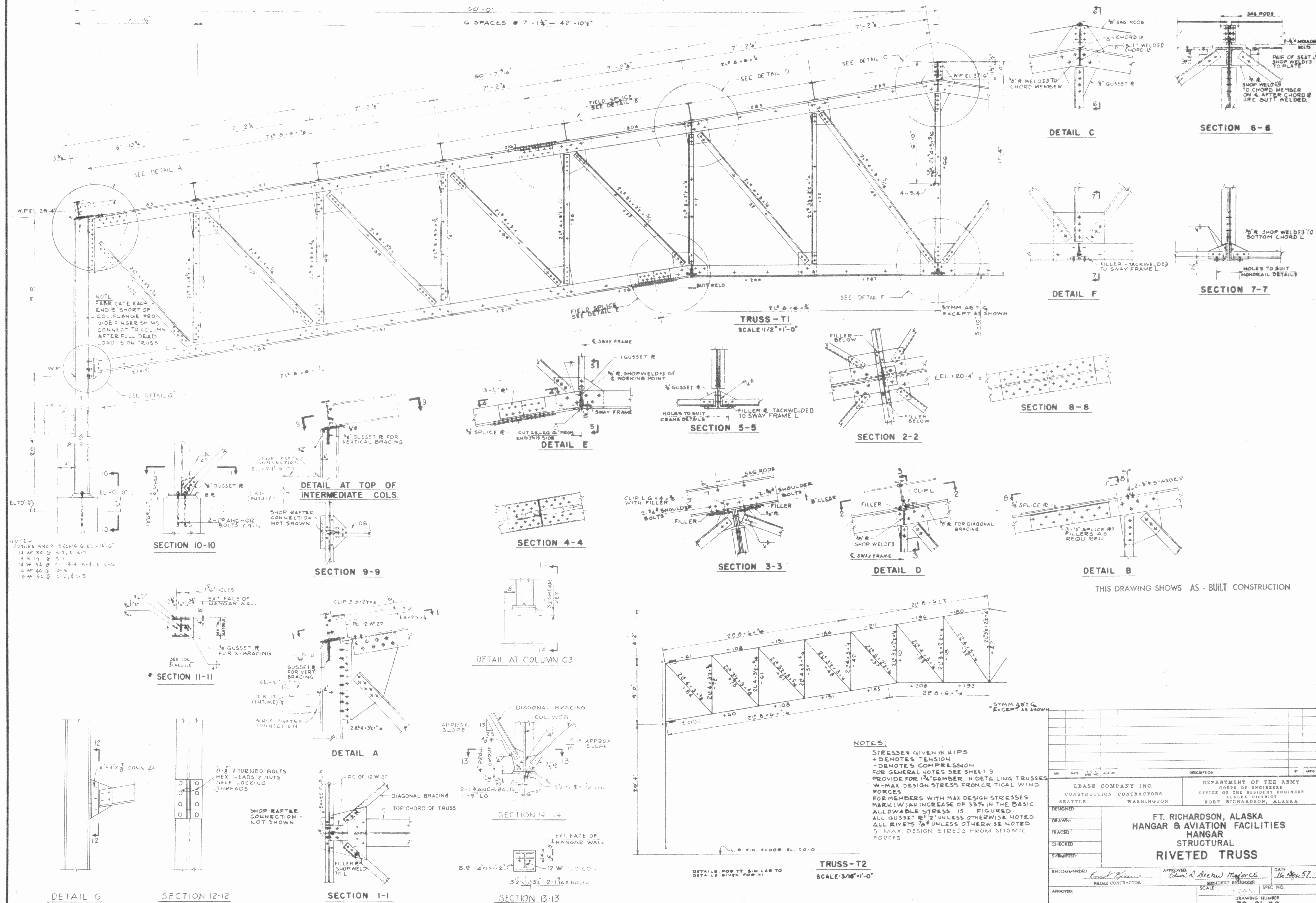


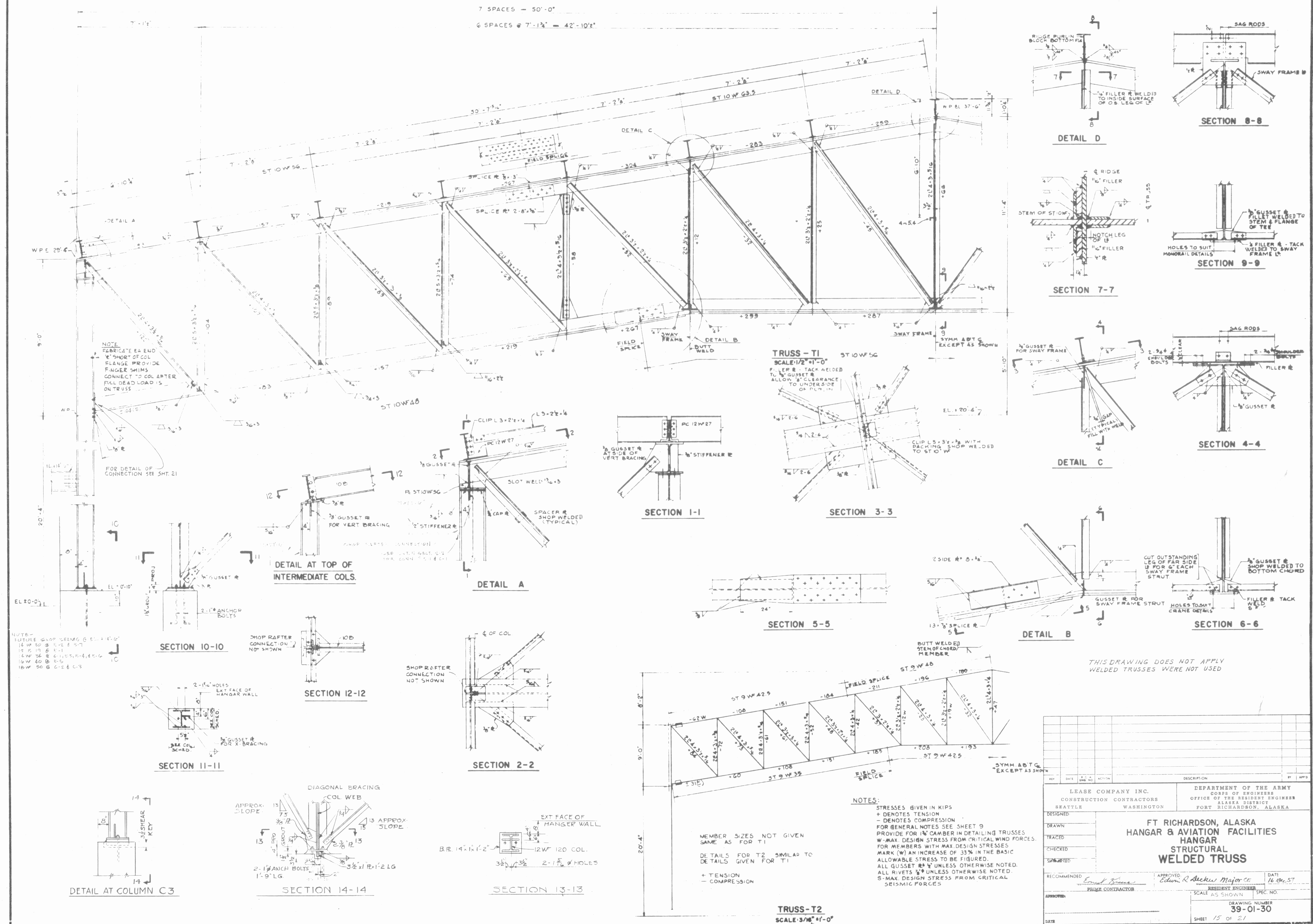
CORPS

39-01-30 47130-12

56-13

HANGER & AVI. FAC.





CORPS

39-01-30 4750-12
S8-15
WELDED TRUSS

HANGER & AVI. FAC.