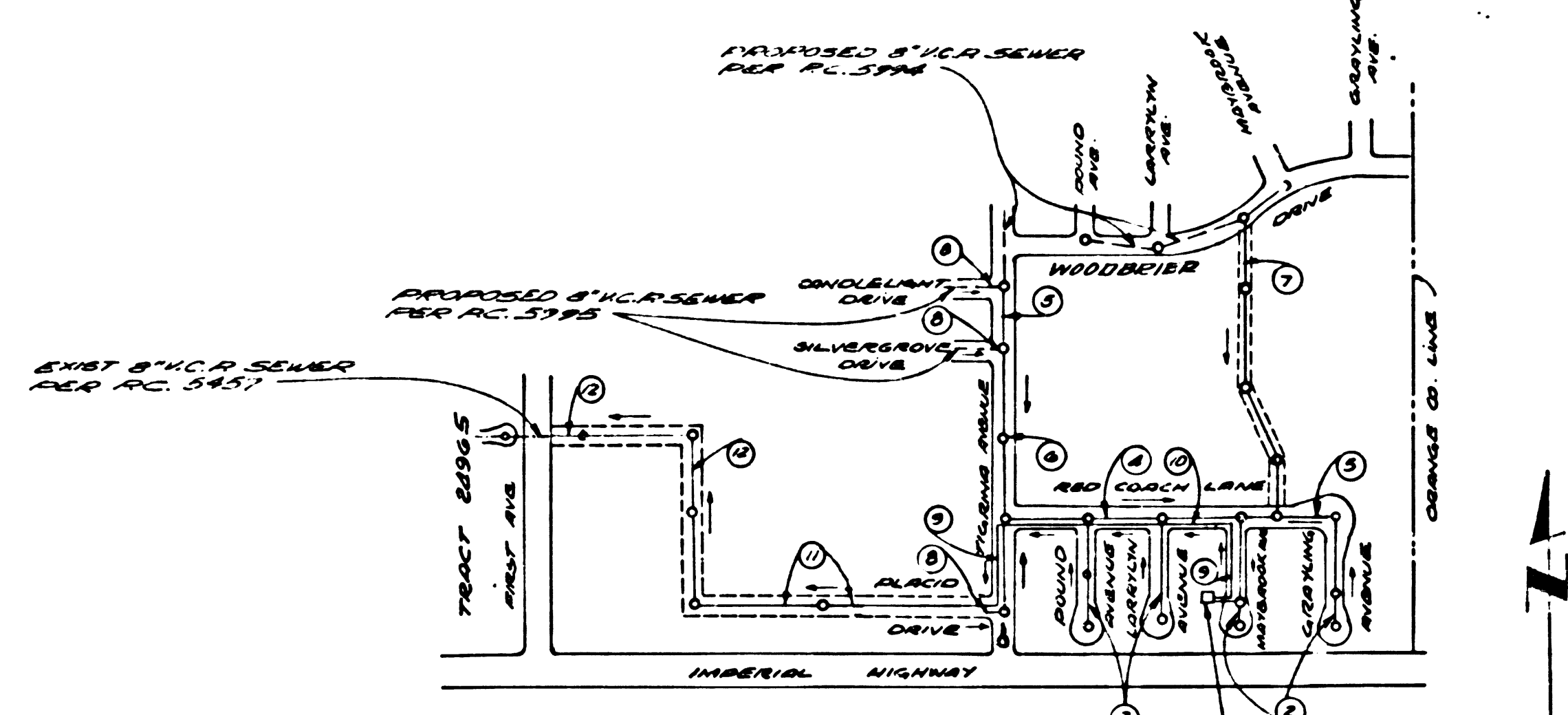


BY 1912 ELEV. 71.836 (1955 ADJ.) L.A. COUNTY ROAD DEPARTMENT MONUMENT IN MDL. ADJ. 61 E. OF E. OF LUTWIELER AVENUE AND 18' SW OF TEL. CO. NO. W 58817 131.530. OF E. OF INDUSTRIAL HIGHWAY IN CORNER WITH COVER. LAMBERT QUAD

NO CHARGE FOR CONNECTIONS
Richland 12-6-61



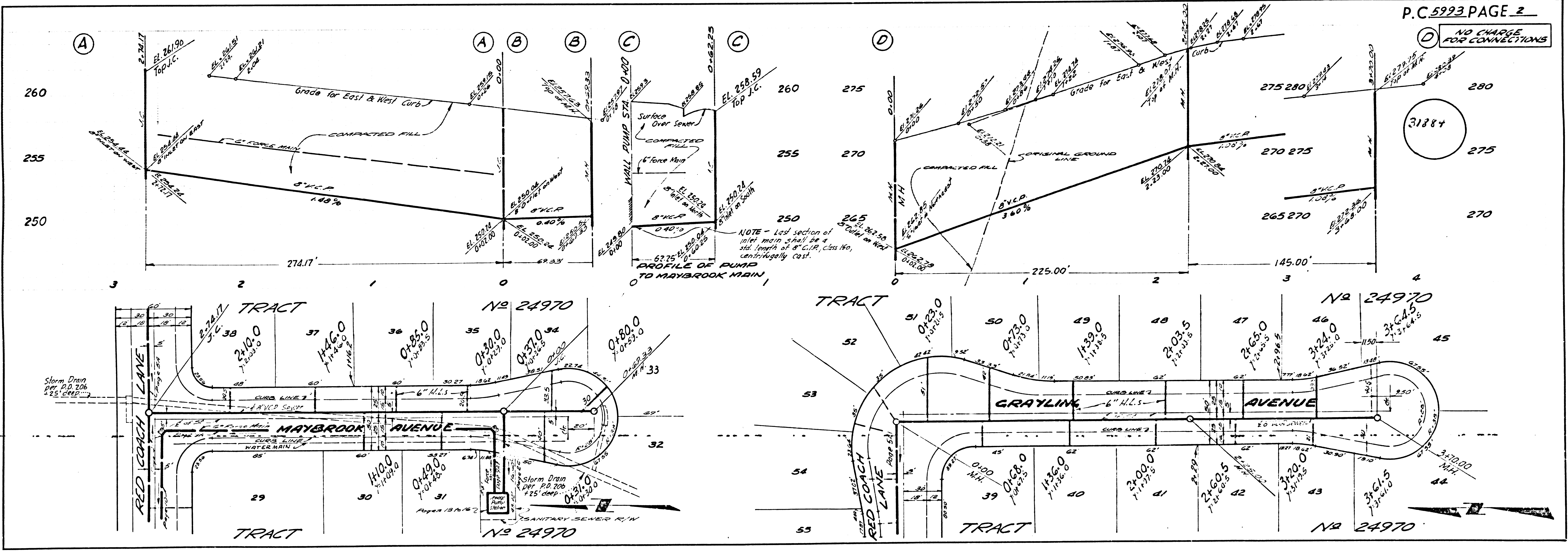
INDEX MAP
 SCALE 1" = 400'
 P.C. 5993 TRACT NO. 24970

- NOTES:
1. PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
 2. NO REPRESENTATIVE OF THE COUNTY ENGINEER WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
 3. THE OWNER OR HIS AUTHORIZED REPRESENTATIVE SHALL FURNISH THE COUNTY ENGINEER WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND Y BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THEIR PROPER LOCATIONS WITH STATIONING PLAINLY MARKED. ANY CHANGE IN LOCATION SHALL BE REQUESTED IN WRITING BY THE OWNER OR HIS REPRESENTATIVE.
 4. THE PRIVATE ENGINEER SHALL FURNISH THE HOUSE LATERAL DEPTH AT THE PROPERTY LINE BELOW THE TOP OF CURB ELEVATION FOR EACH HOUSE LATERAL ON THE GRADE SHEET.
 5. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
 6. USE STANDARD MANHOLE FRAMES AND COVERS, S-117, EXCEPT AS NOTED.
 7. USE EXTRA STRENGTH PIPE. ALL PIPE IS STANDARD DEPTH EXCEPT AS NOTED.
 8. USE CEMENT MORTAR OR "WEDGE-LOCK" OR "SEAL-SEAL" FOR ALL V.C.P. JOINTS PER SPECS. SECS. 34 & 48.
 9. RESURFACE ALL TRENCH WITHIN PAVED AREA TO MEET L.A. COUNTY ROAD DEPT. OR CALIF. STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
 10. ENCASE FOUR FEET OF SEWER AT POINTS OF INTERFERENCE WITH POLES. CASE III, S-172.
 11. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE G FEET BELOW CURB GRADE EXCEPT AS NOTED.
 12. ALL STRUCTURES SHALL BE BRICK SEWER STRUCTURES, S-104, EXCEPT AS NOTED.
 13. FOR ALLOWABLE LEAKAGE TEST USE FORMULA NO. 1, SPECS. SEC. 54.
 14. MANHOLE TOPS IN UNIMPROVED RIGHTS-OF-WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
 15. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE, MADISON 9-417, 24 HOURS AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
 16. STANDARD SPECIFICATIONS DATED OCT. 10, 1960 APPLY IN THE CONSTRUCTION OF THIS PROJECT.
 17. NO CONSTRUCTION WILL BE PERMITTED IN FILLED AREAS UNLESS ACCORDABLE CERTIFICATION IS SUBMITTED TO THE COUNTY ENGINEER'S OFFICE BY THE COUNTY ENGINEER. THIS CERTIFICATION IS SEPARATE FROM THE PERMITS AND IS NOT REQUIRED UNLESS JOINT CONSTRUCTION IS REQUIRED. JOINT CONSTRUCTION IS REQUIRED WHEN THE CONSTRUCTION IS LESS THAN 20% OF THE SEWER MUST BE CANCELED AS SHOWN ON PLANS (PER S-115).

NO CONNECTIONS FOR THE DISPOSAL OF INDUSTRIAL WASTES SHALL BE MADE TO SEWERS SHOWN ON THESE PLANS WITHOUT WRITTEN PERMISSION FROM THE CHIEF ENGINEER AND GENERAL MANAGER OF THE COUNTY SANITATION DISTRICTS.

PROFILE ALIGNMENT AND GRADE OF P.C. 5993
 SANITARY SEWERS PAGE 1
 TO BE CONSTRUCTED IN J.M. 0356.67
 TRACT NO. 24970
 PRIVATE CONTRACT NO. 5993
 W.S. 34
 10 SHEETS; 16 PAGES
 SCALE: VERT. 1" = 4' HORIZ. 1" = 40'
 AUGUST 8, 1961
 PREPARED IN THE OFFICES OF
 MCINTIRE & QUIROS INC.
 BY: *Alan Murray* 11/7/61
 REG. C. E. NO. 3548
 FOR LEGEND SEE PLAN NO. S-A-64

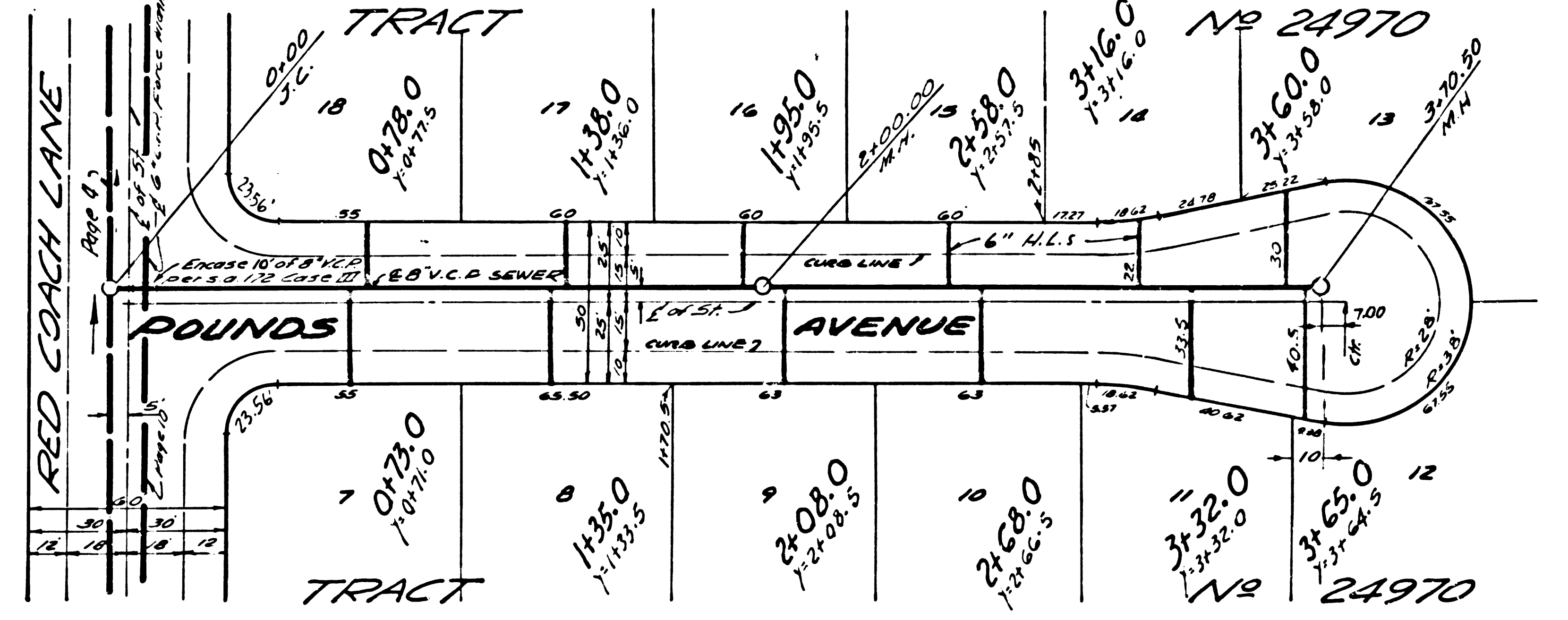
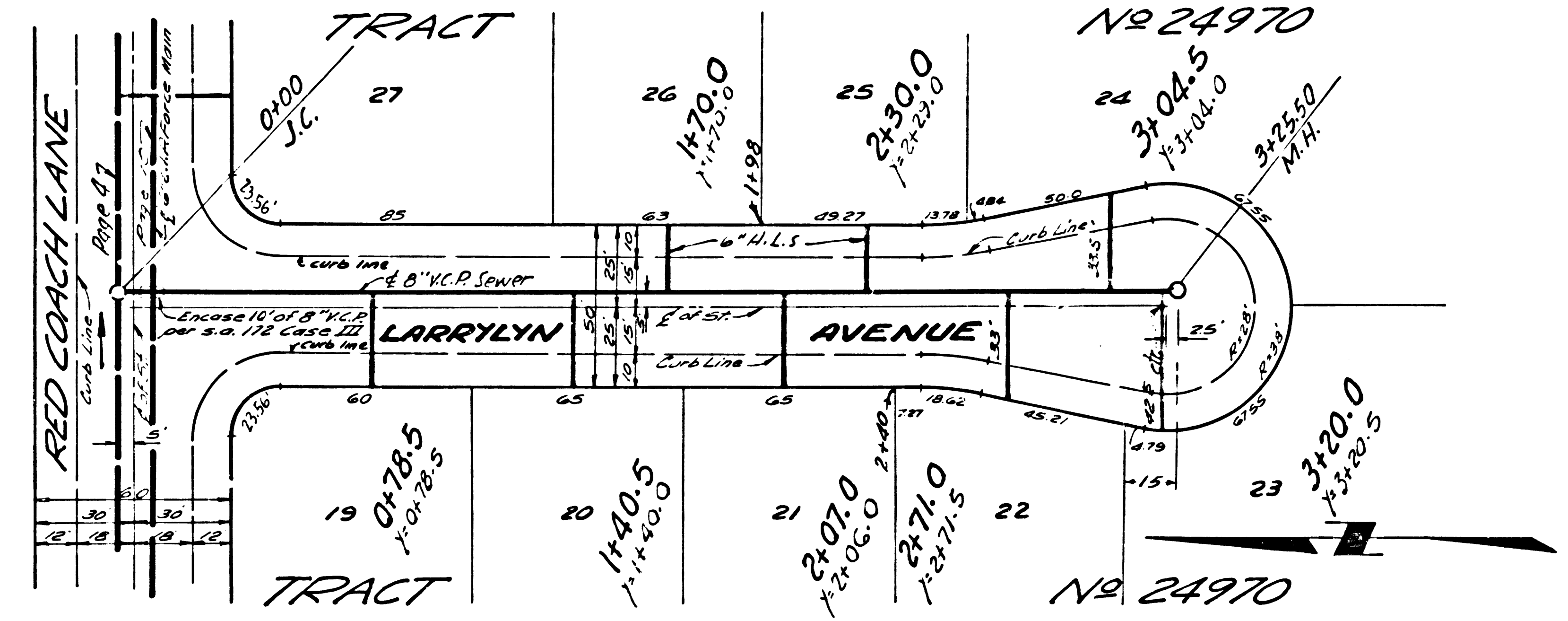
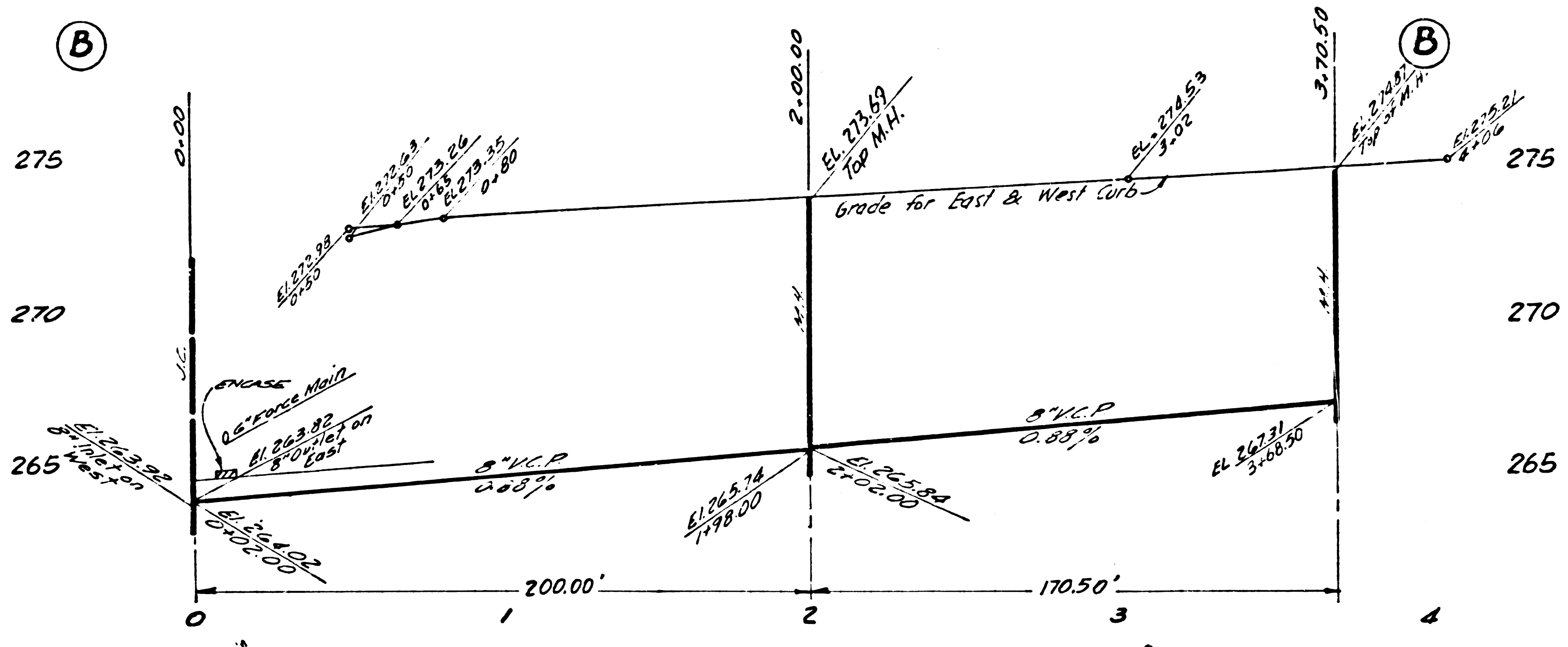
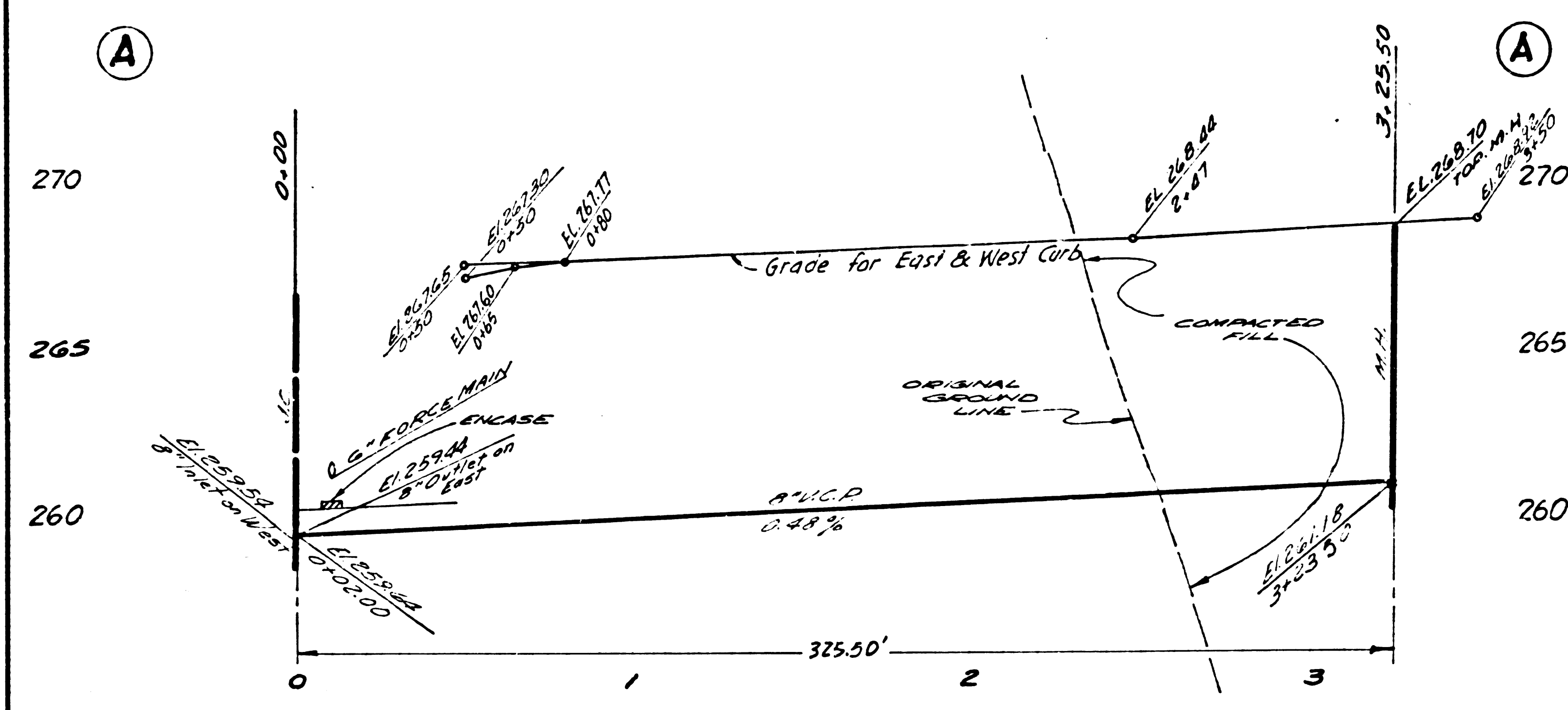
NOTES:
 GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. GRADE POINTS FOR TOP OF CURBS, CENTER LINE OF STREETS, OR CENTER LINE OF ALLEYS ARE SHOWN BY CIRCLES ON PROFILES. AT ALL POINTS BETWEEN DESIGNATED POINTS THE GRADE SHALL BE ESTABLISHED SO AS TO CONFORM TO A STRAIGHT LINE DRAWN BETWEEN SAID DESIGNATED POINTS.
 ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929.
 THIS DRAWING AND THE DATA HEREON ARE HEREBY MADE A PART OF THE SPECIFICATIONS.
 WORK SHALL BE CONSTRUCTED ACCORDING TO SPECIFICATIONS ON FILE IN THE OFFICE OF THE COUNTY ENGINEER AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
 BEFORE WORK CAN BE STARTED THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE L.A. COUNTY ROAD DEPT. DISTRICT OFFICE NO. 4 AND PAY A FEE WITH THE COUNTY ENGINEER ROOM.
 IF WORK IS TO BE DONE IN A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, 120 SOUTH SPRING STREET.
 APPROVAL OF THIS PLAN BY THE COUNTY OF LOS ANGELES DOES NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OF THE LOCATION OR THE EXISTENCE OR NON-EXISTENCE OF ANY UNDERGROUND UTILITY PIPE, OR STRUCTURE WITHIN THE LIMITS OF THIS PROJECT. THIS NOTE APPLIES TO ALL PAGES.
 COUNTY OF LOS ANGELES, CALIFORNIA
 APPROVED, JOHN A. LAMBIE, COUNTY ENGINEER APPROVED, J.D. PARKHURST, CHIEF ENGINEER
 CO. SAN. DIST. NO. 12
 BY: *Robert E. ...* ASST. SANITATION ENGINEER BY: *J. ...* OFFICE ENGINEER
 CHECKED BY: *B. F. ...* 12-7-61
 OFFICE OF COUNTY ENGINEER, REG. C. E. NO. 11636
 SUBMITTED BY: *John L. ...* 12-6-61
 LOS ANGELES REGIONAL ENGINEERS, REG. C.E. NO. 3871



P.C. 5993 PAGE 2
 NO CHARGE FOR CONNECTIONS
 3188+

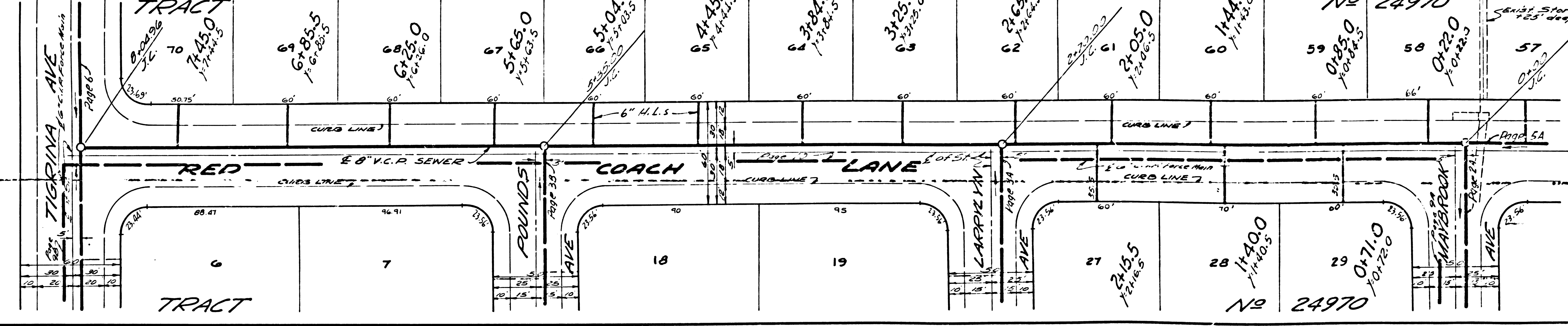
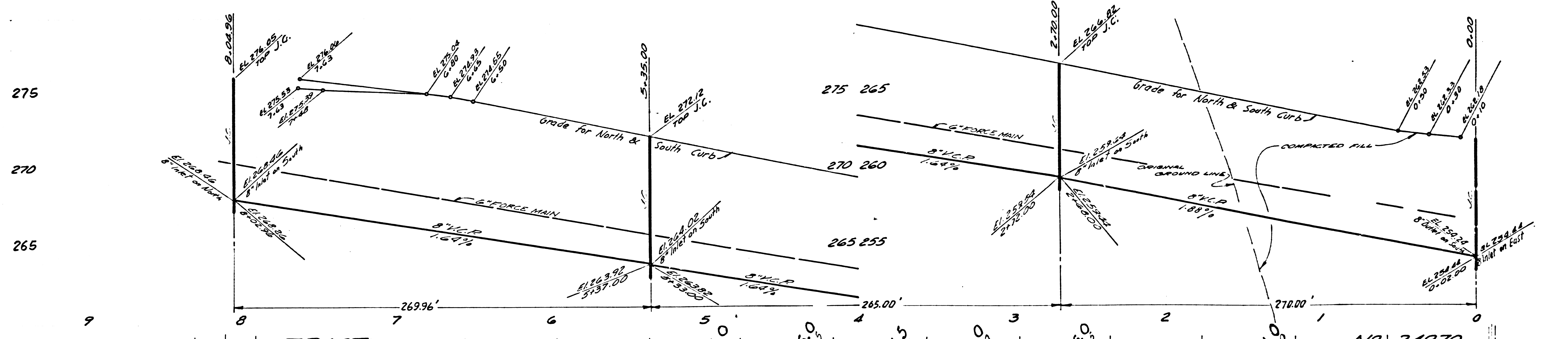
NO CHARGE FOR CONNECTIONS

31887



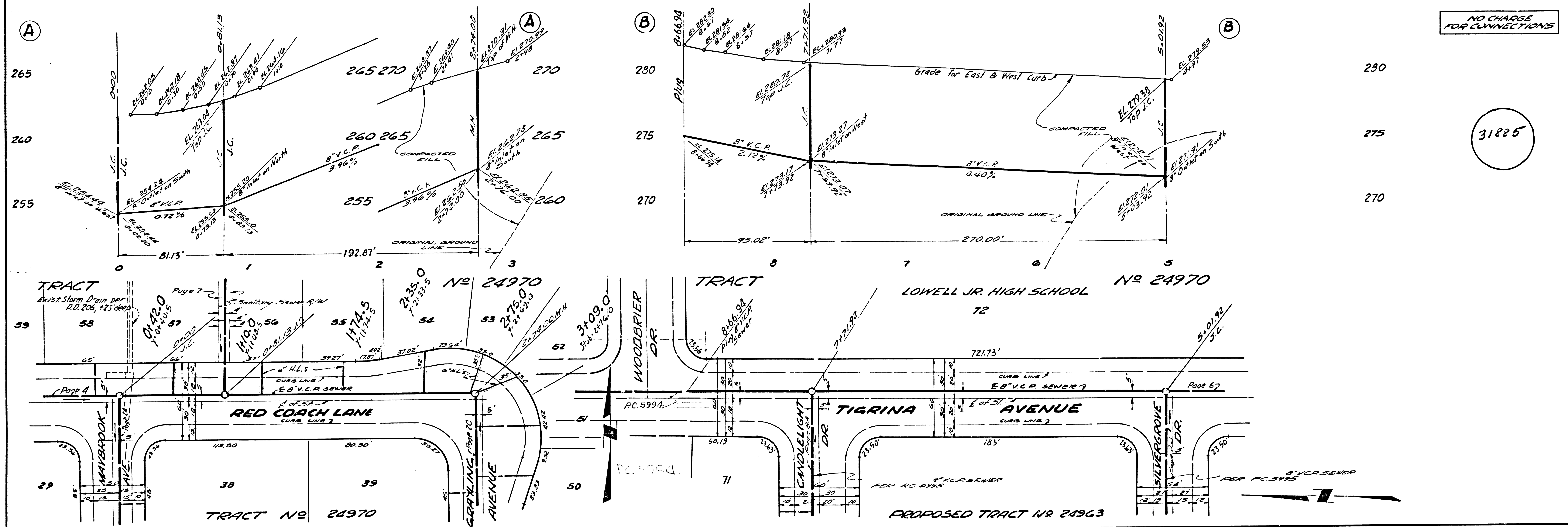
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31888



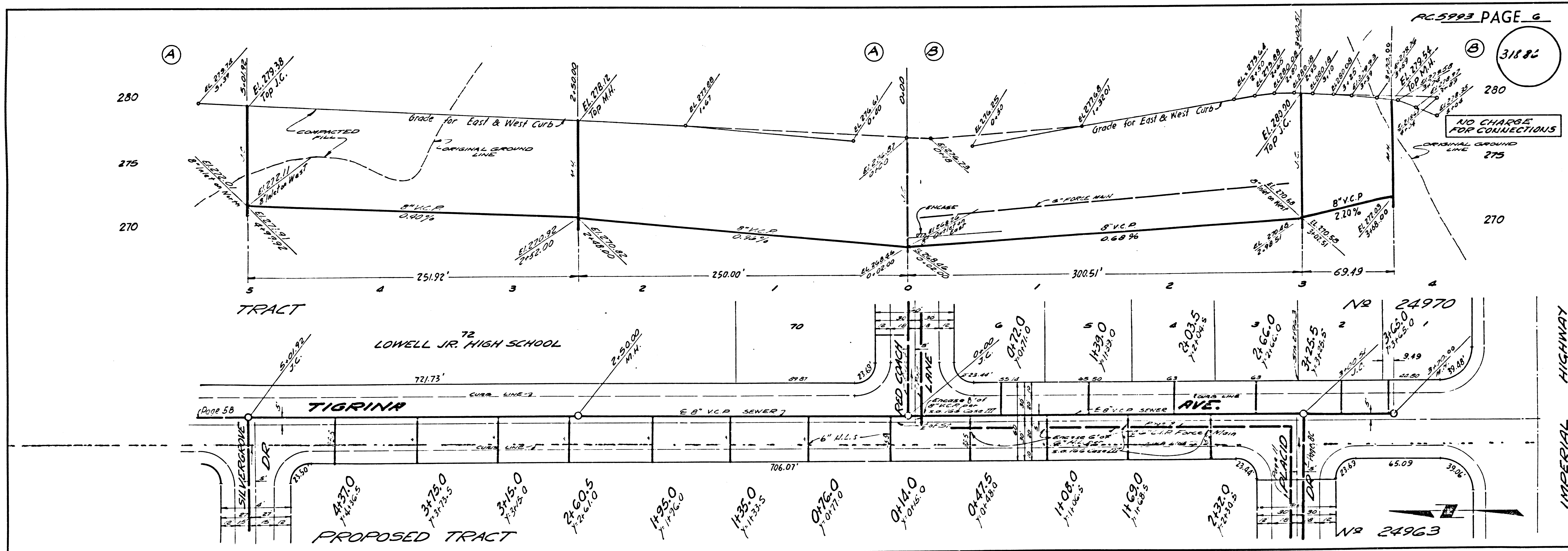
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31885



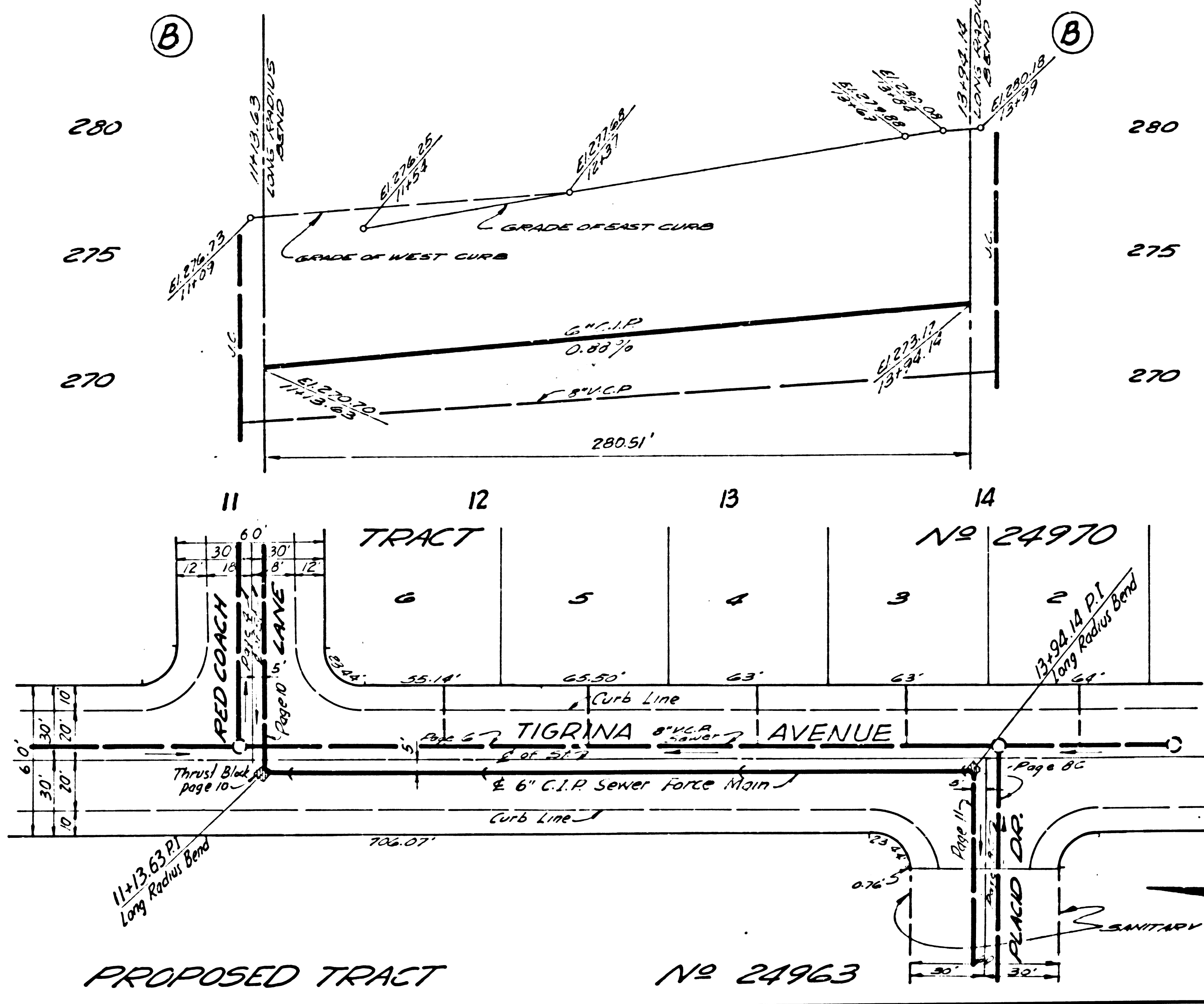
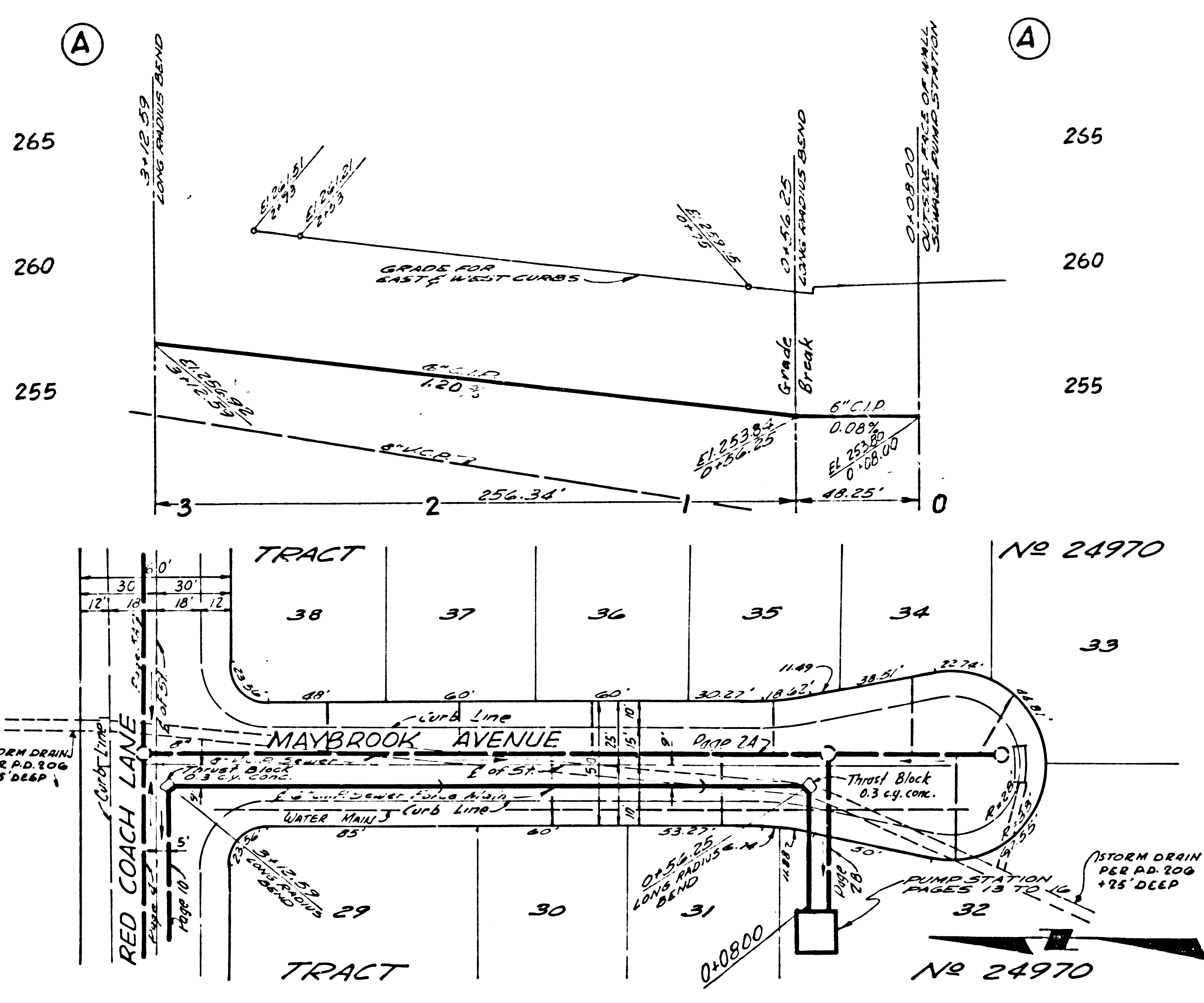
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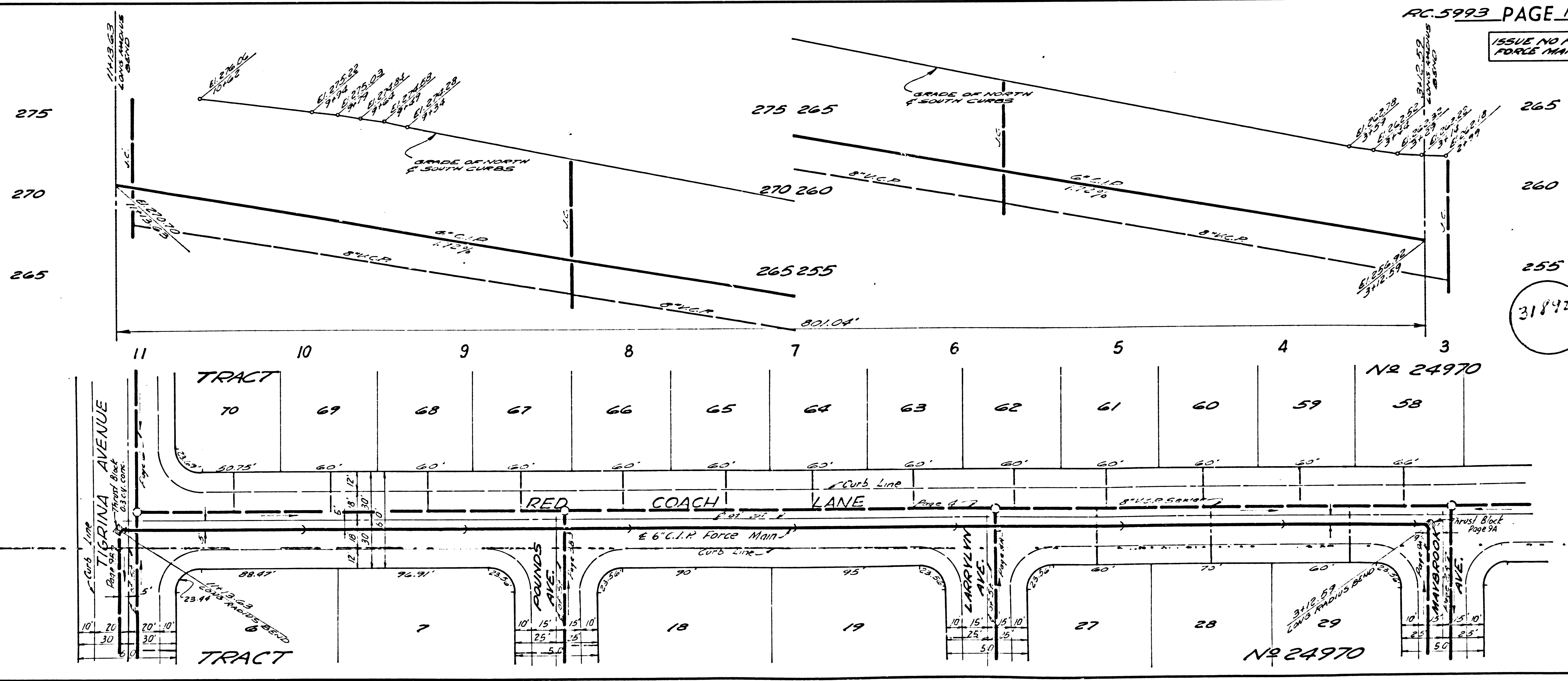
ISSUE NO PERMIT FOR CE MAIN

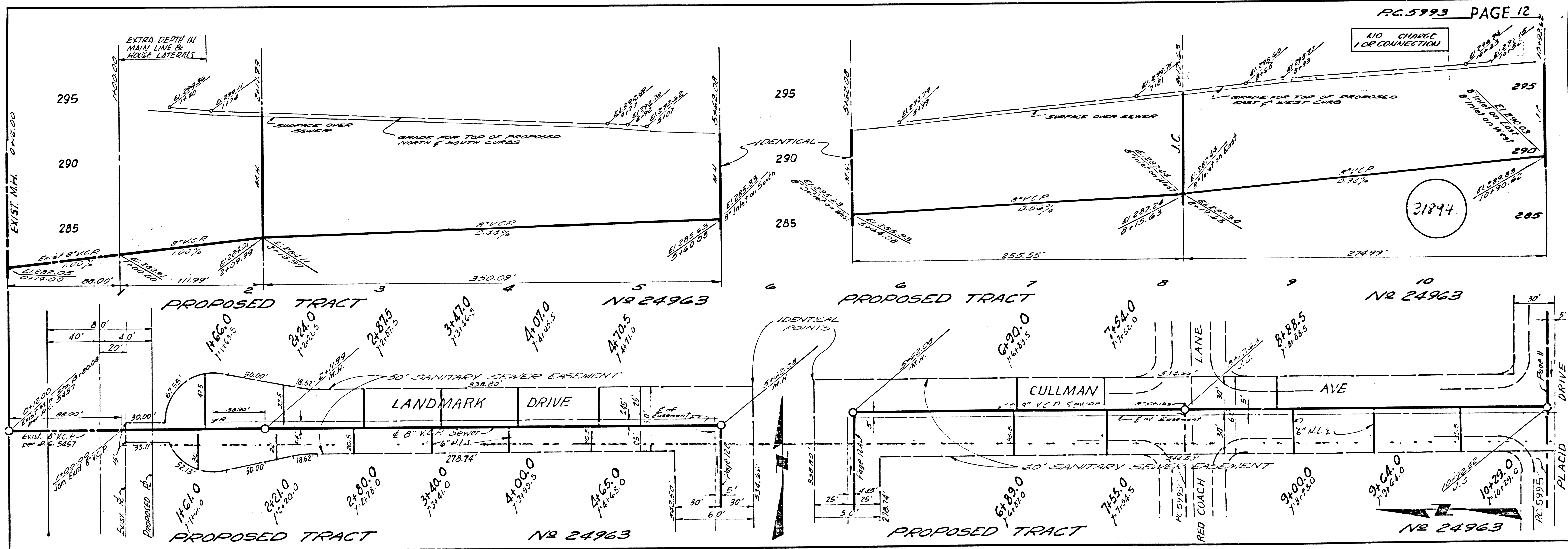
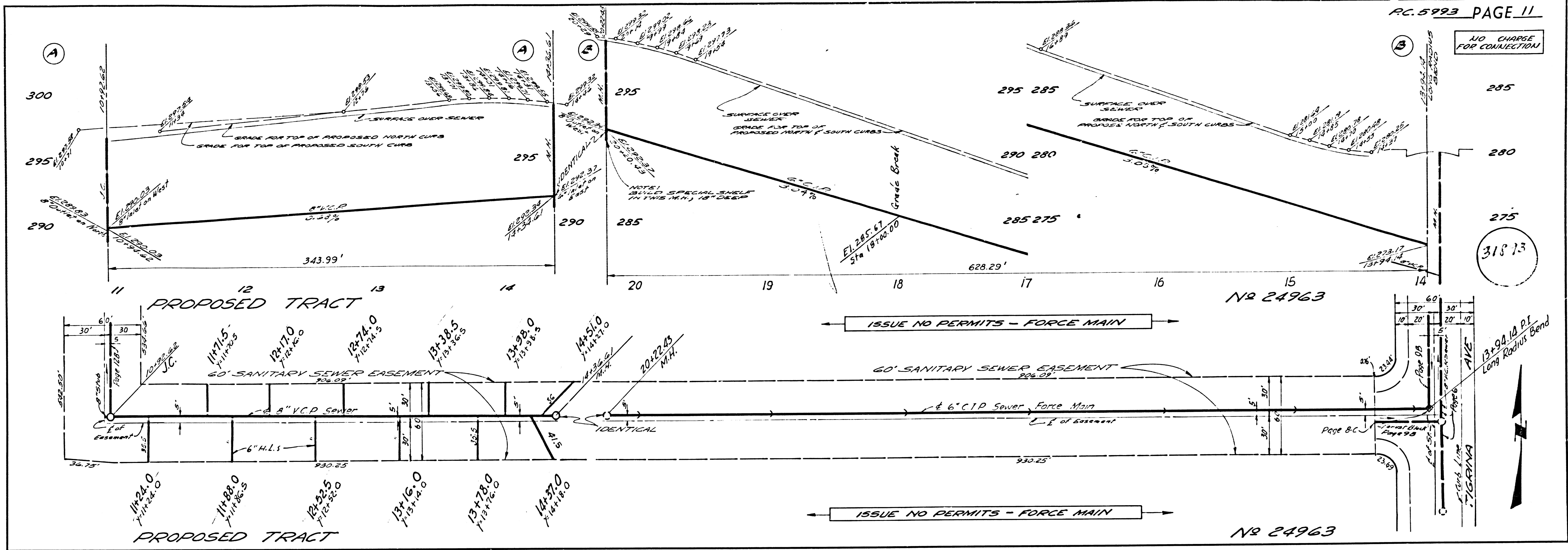
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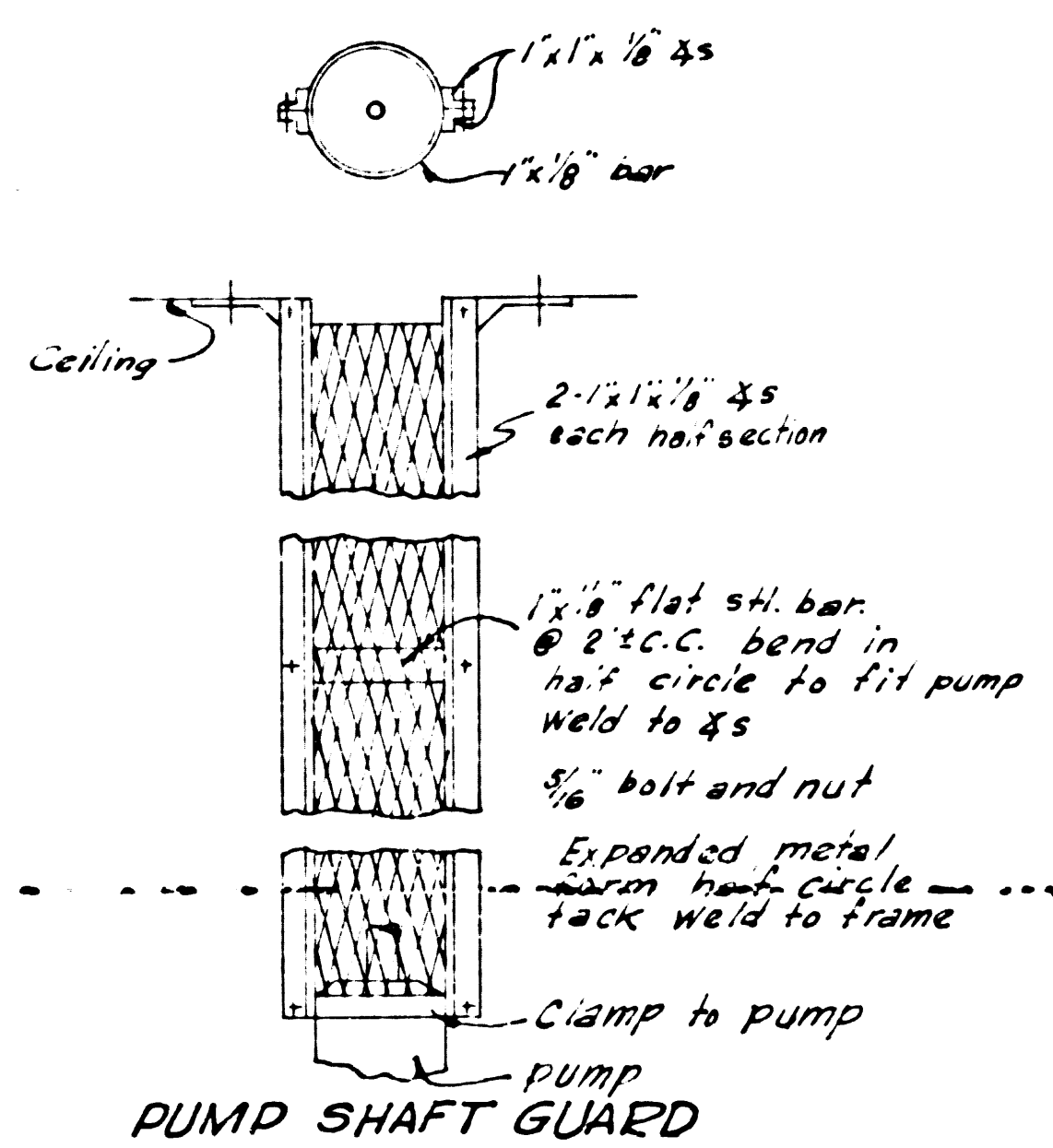
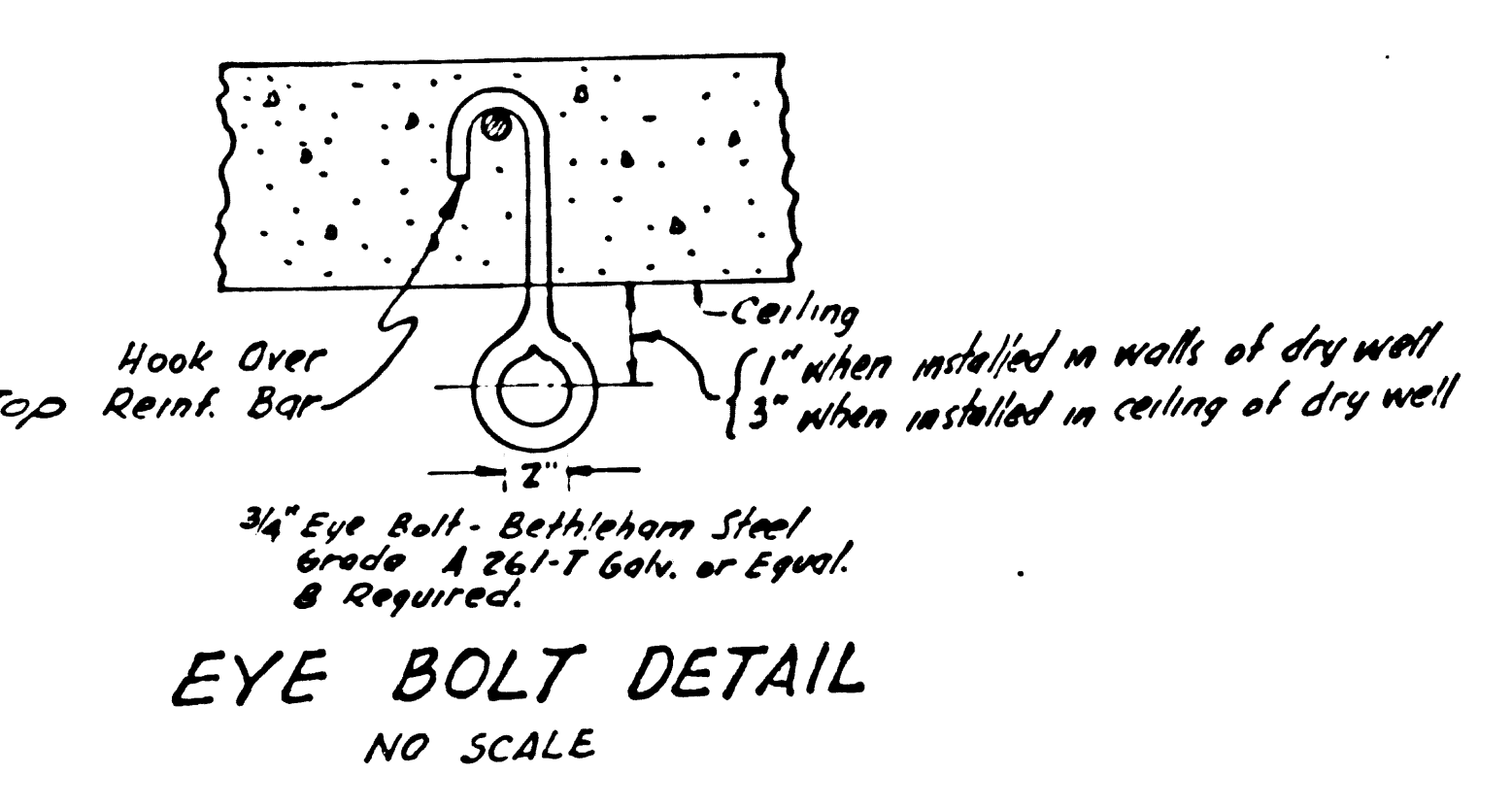
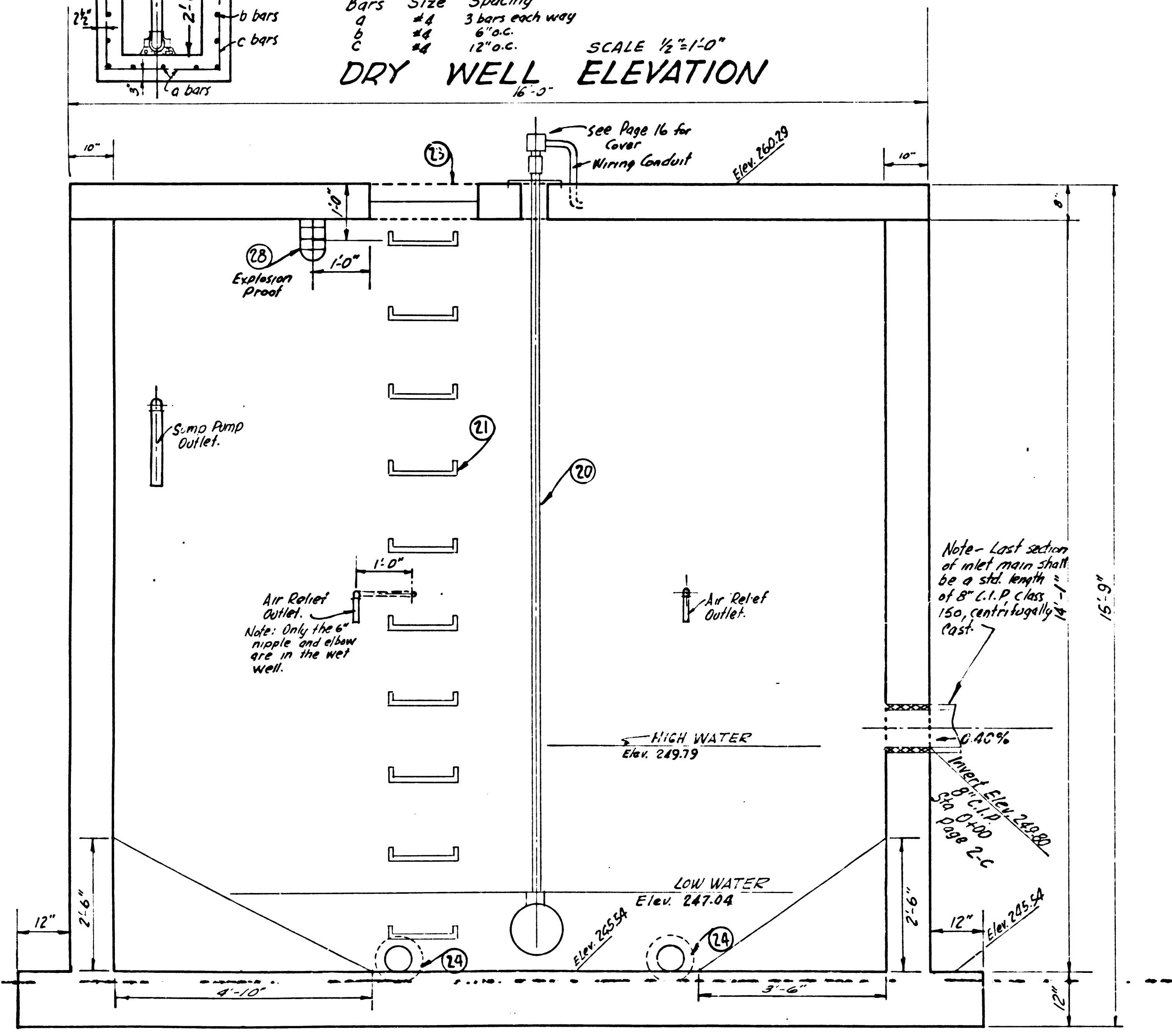
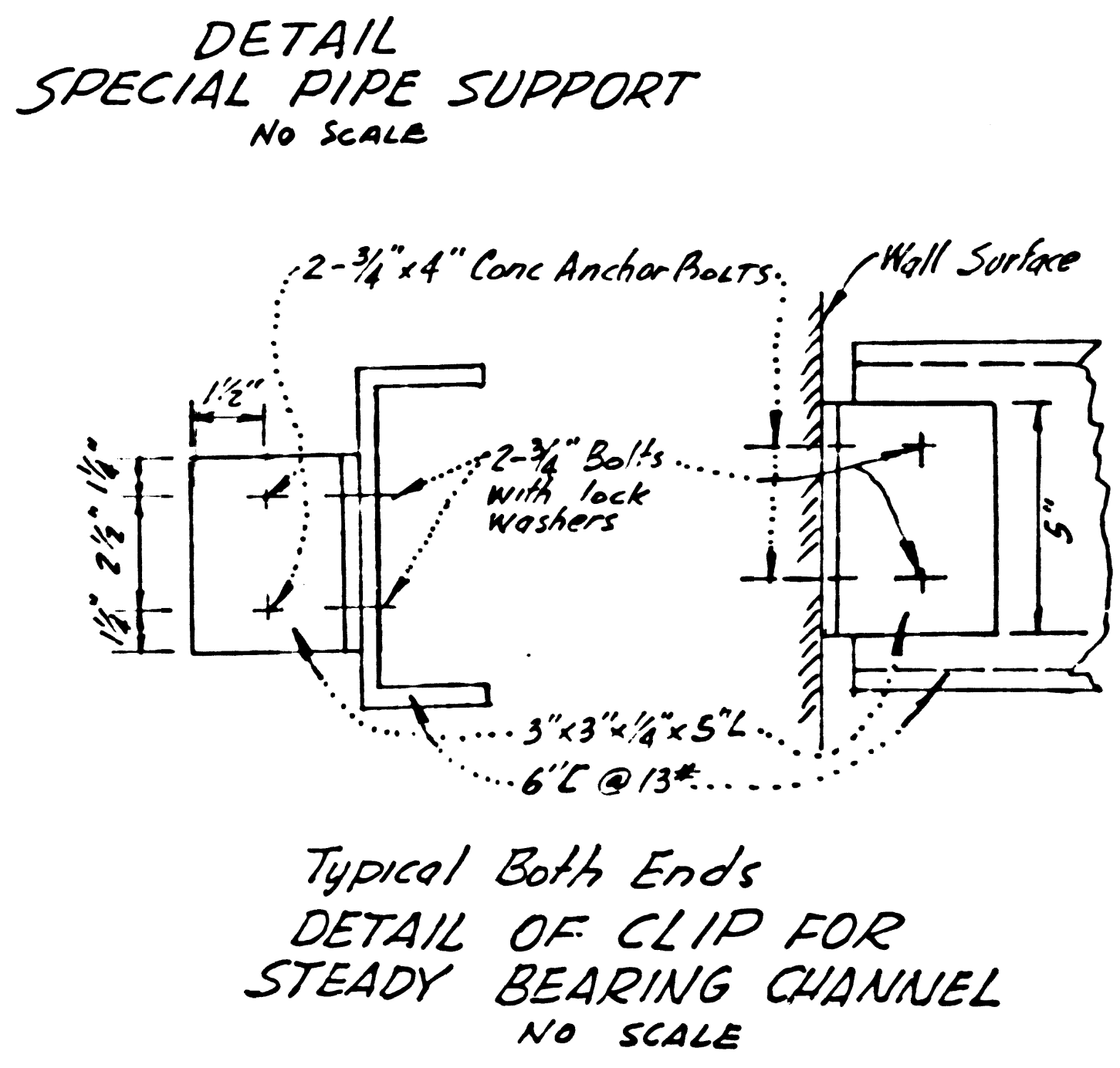
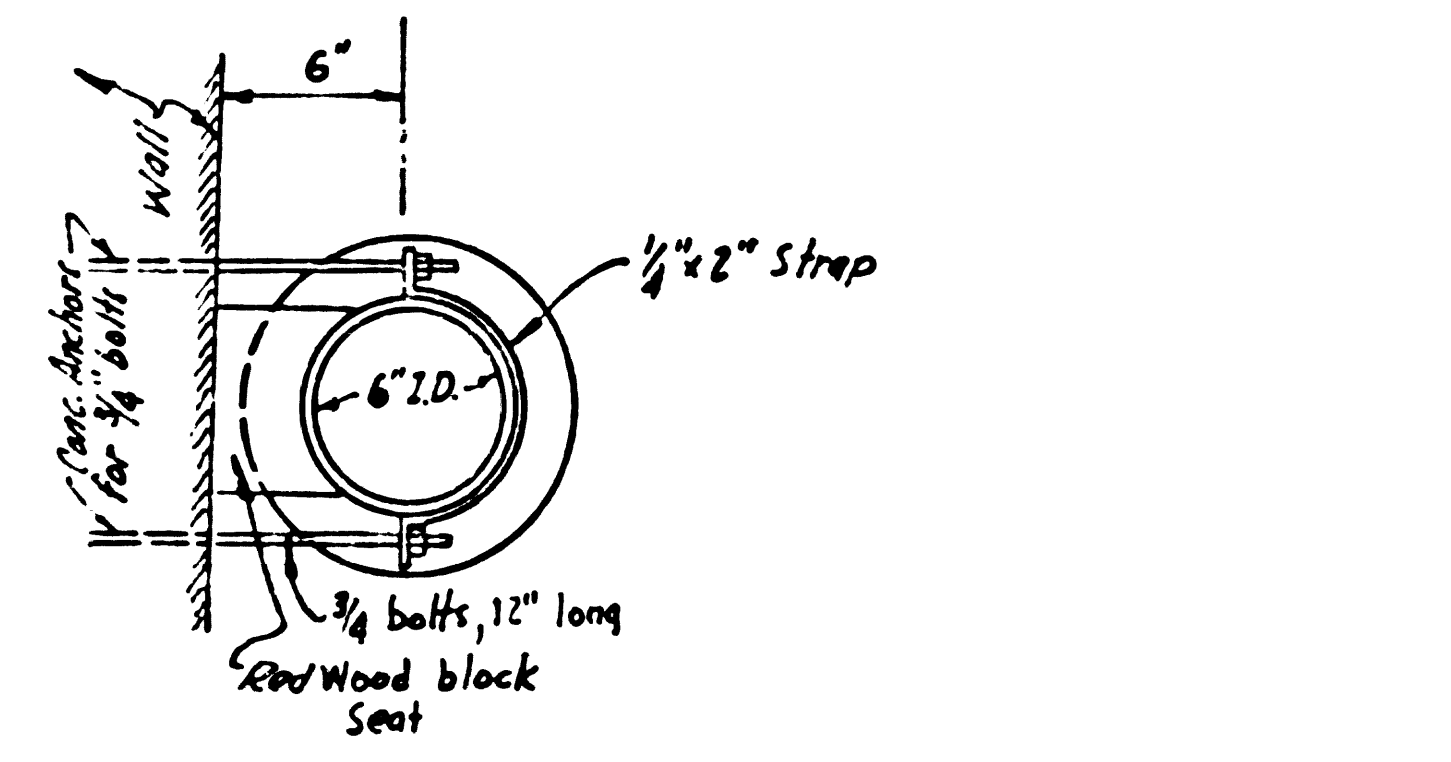
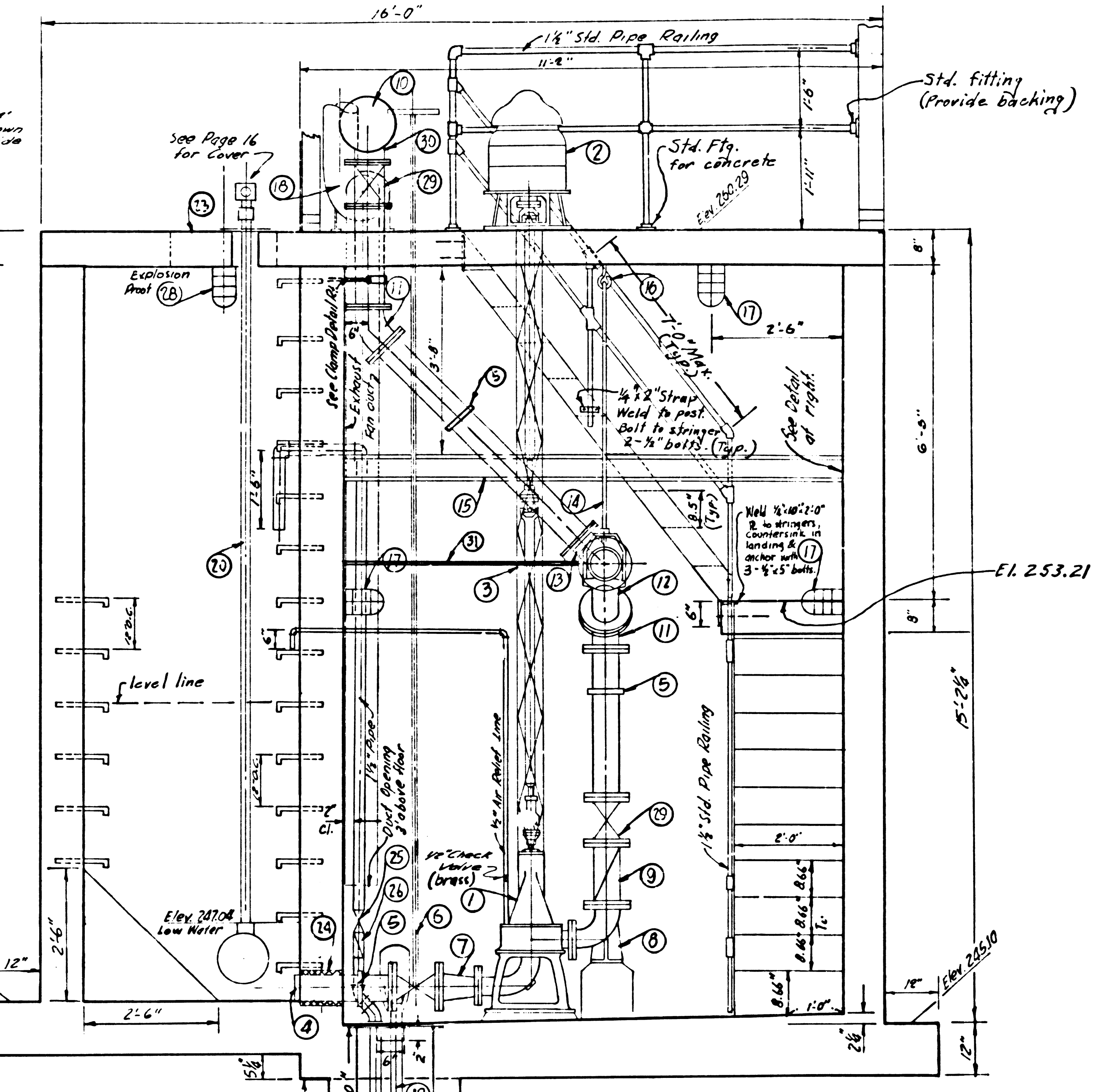
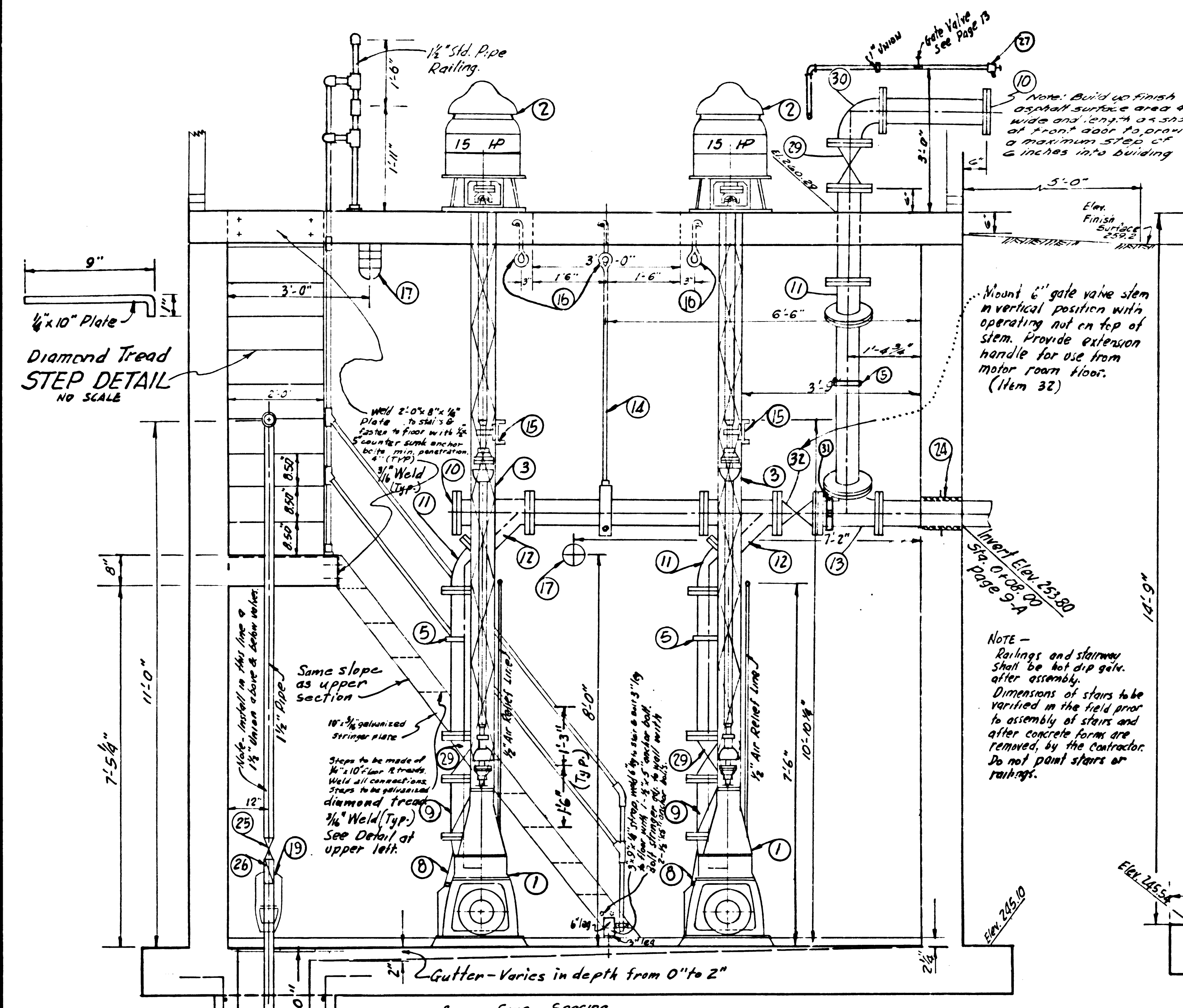


ISSUE NO PERMIT FOR CE MAIN

31892

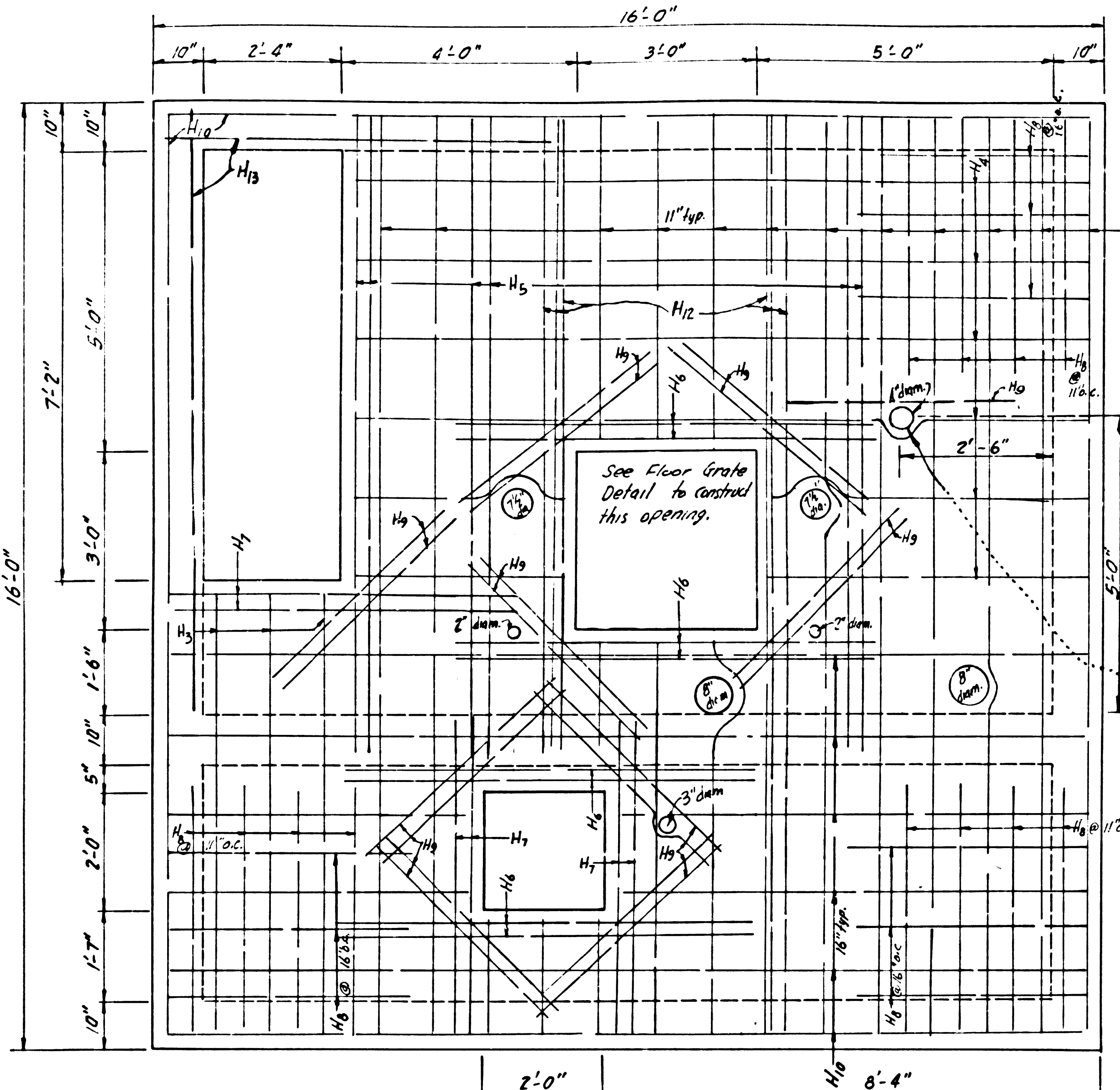




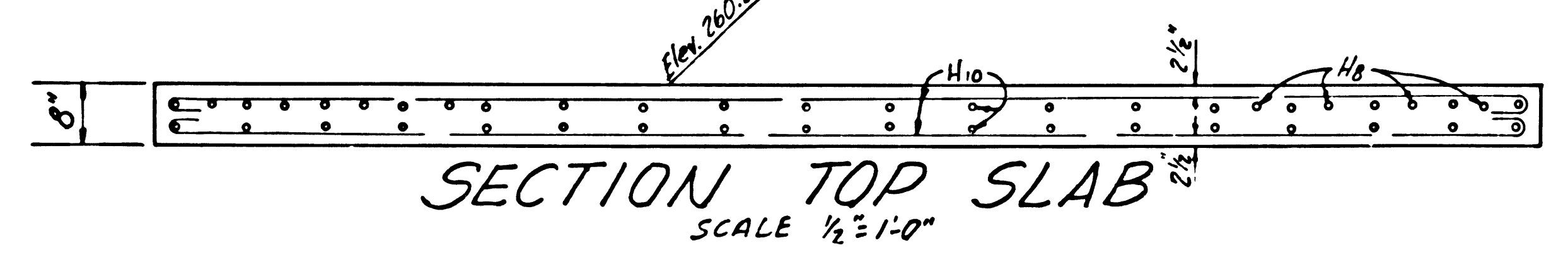


PRIVATE CONTRACT NO. 5993
CONSTRUCTION PLANS FOR
SEWAGE PUMP STATION
TO SERVE
TRACT NO. 24970
PAGE 14 OF 10 SHEETS
SCALE: 1/2"=1'-0" EXCEPT AS NOTED AUG 8, 1961
PREPARED IN THE OFFICE OF
MCINTIRE AND QUIROS, INC.

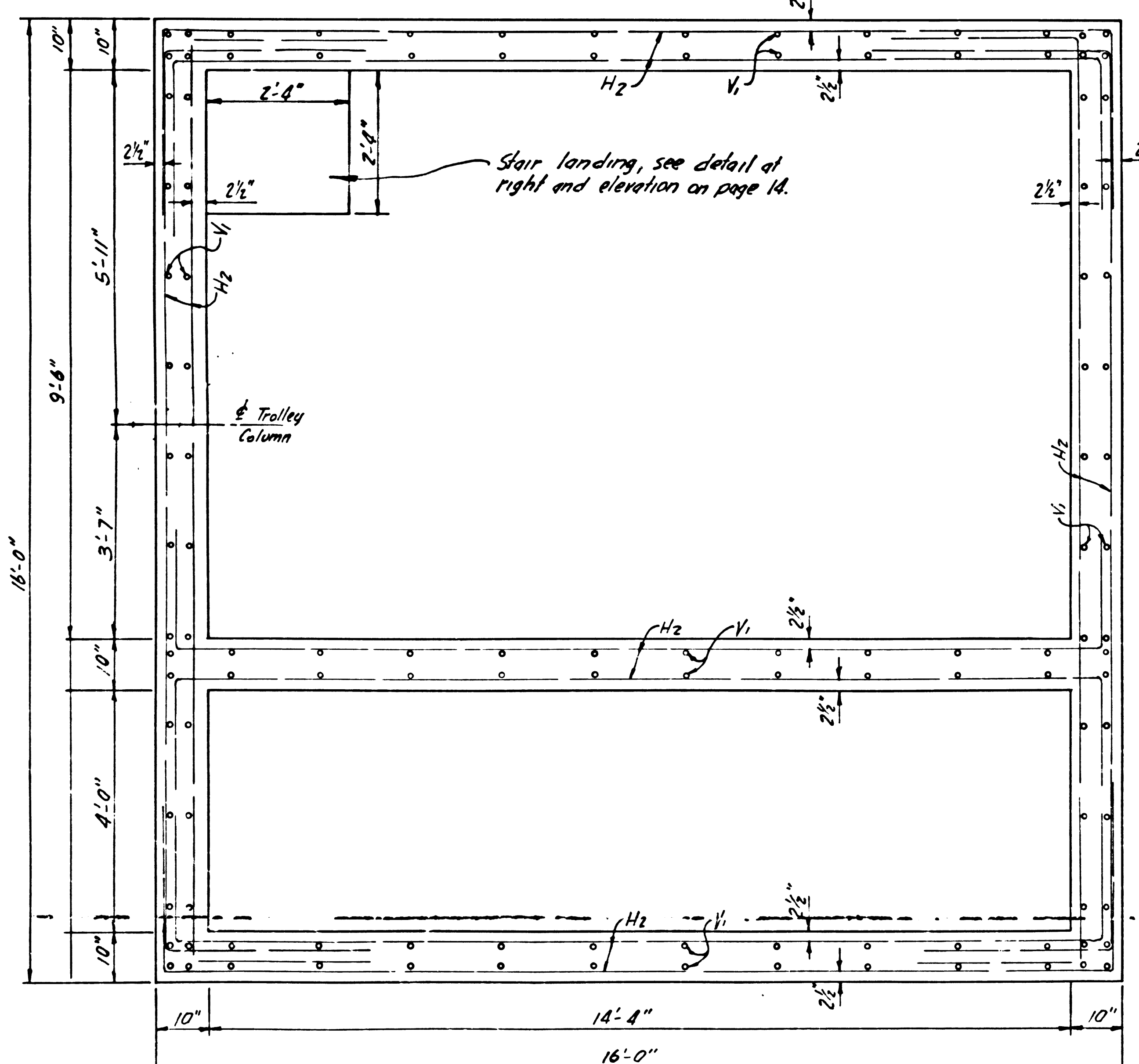
31336



PLAN TOP SLAB
SCALE 1/2"=1'-0"



SECTION TOP SLAB
SCALE 1/2"=1'-0"

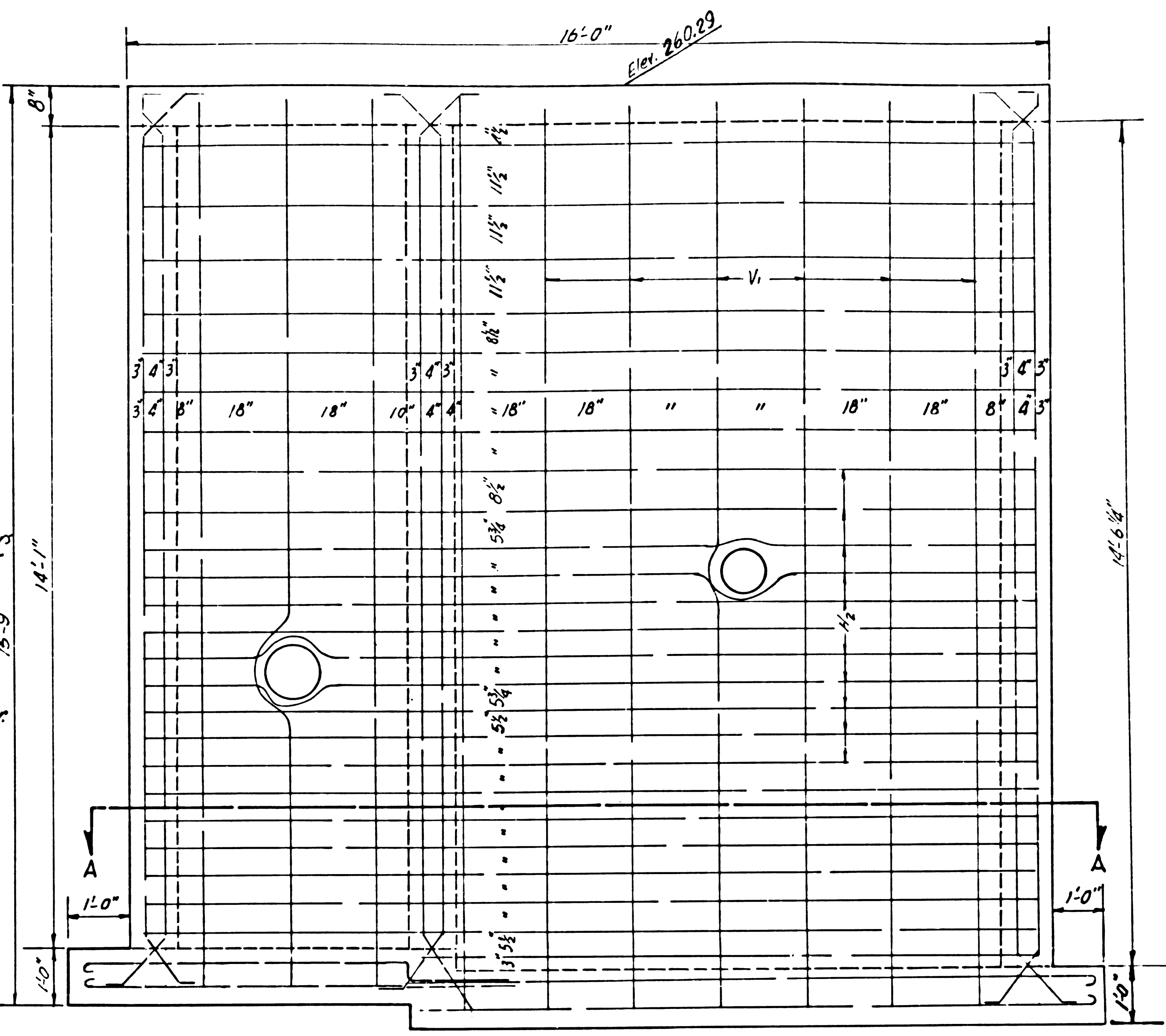


SECTION A-A
SCALE 1/2"=1'-0"

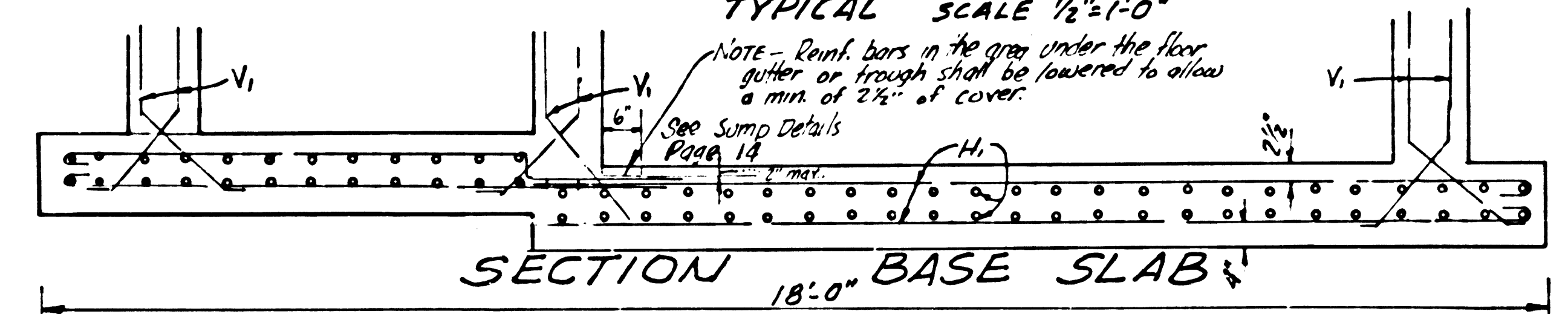
H1 11" o.c.
H2 16" o.c.
H3 3" o.c. paired
H4 3" o.c. "
H5 3" o.c. "
H6 11" & 16" o.c.
H7 3" o.c. paired
H8 11" & 16" o.c.
H9 3" o.c. paired
H10 11" & 16" o.c.

NOTE -
Where necessary bend bars to clear opening by 2" or cut and hook to fit.

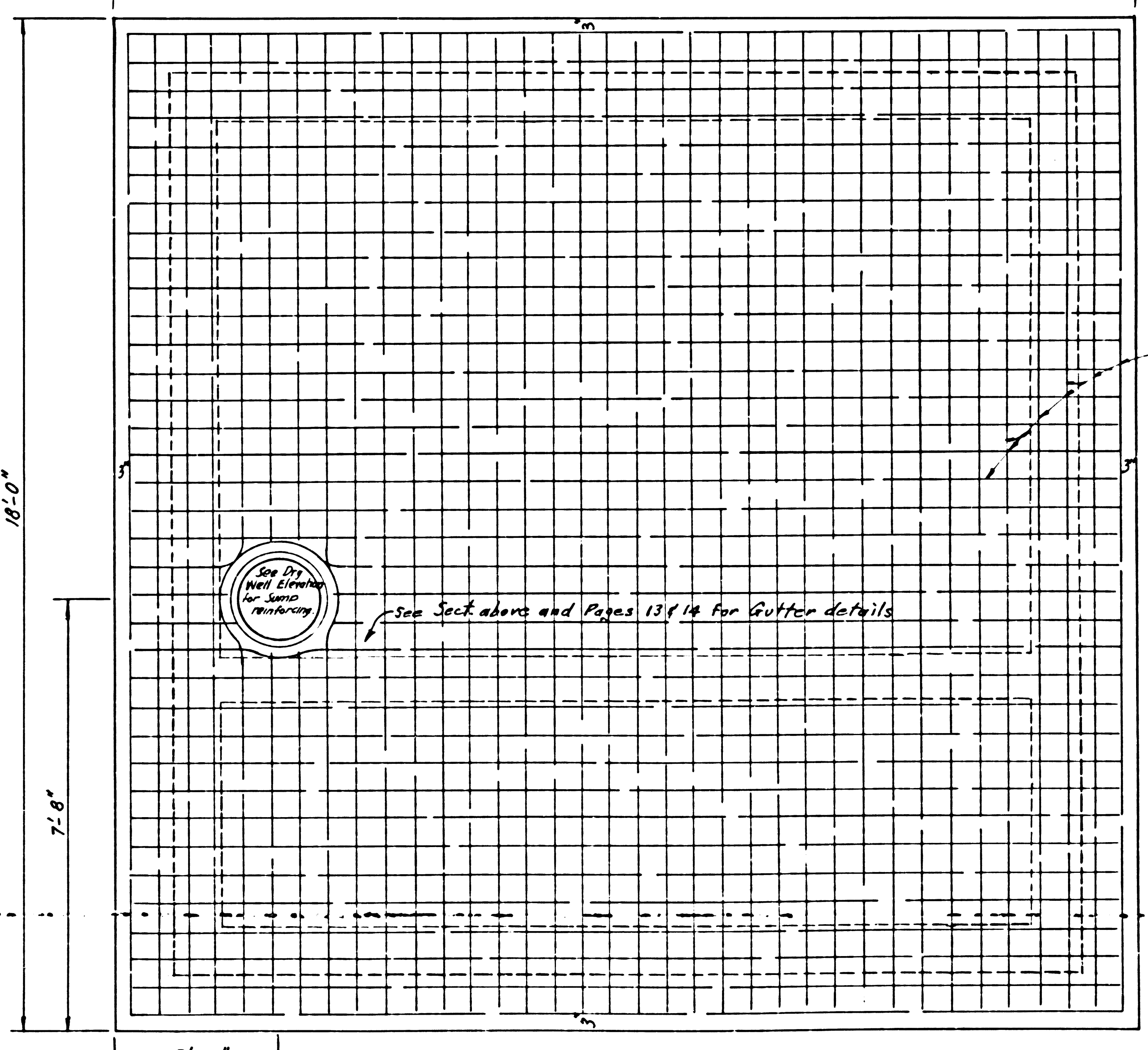
Provide 4" hole in the floor centered over the stem of the 6" gate valve and install a removable cover.



ELEVATION WALL
TYPICAL SCALE 1/2"=1'-0"

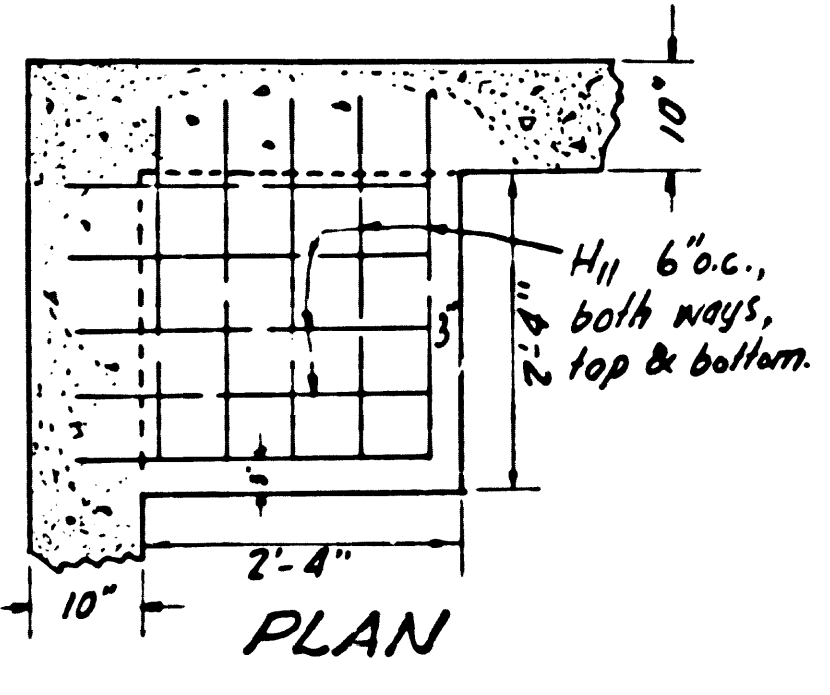
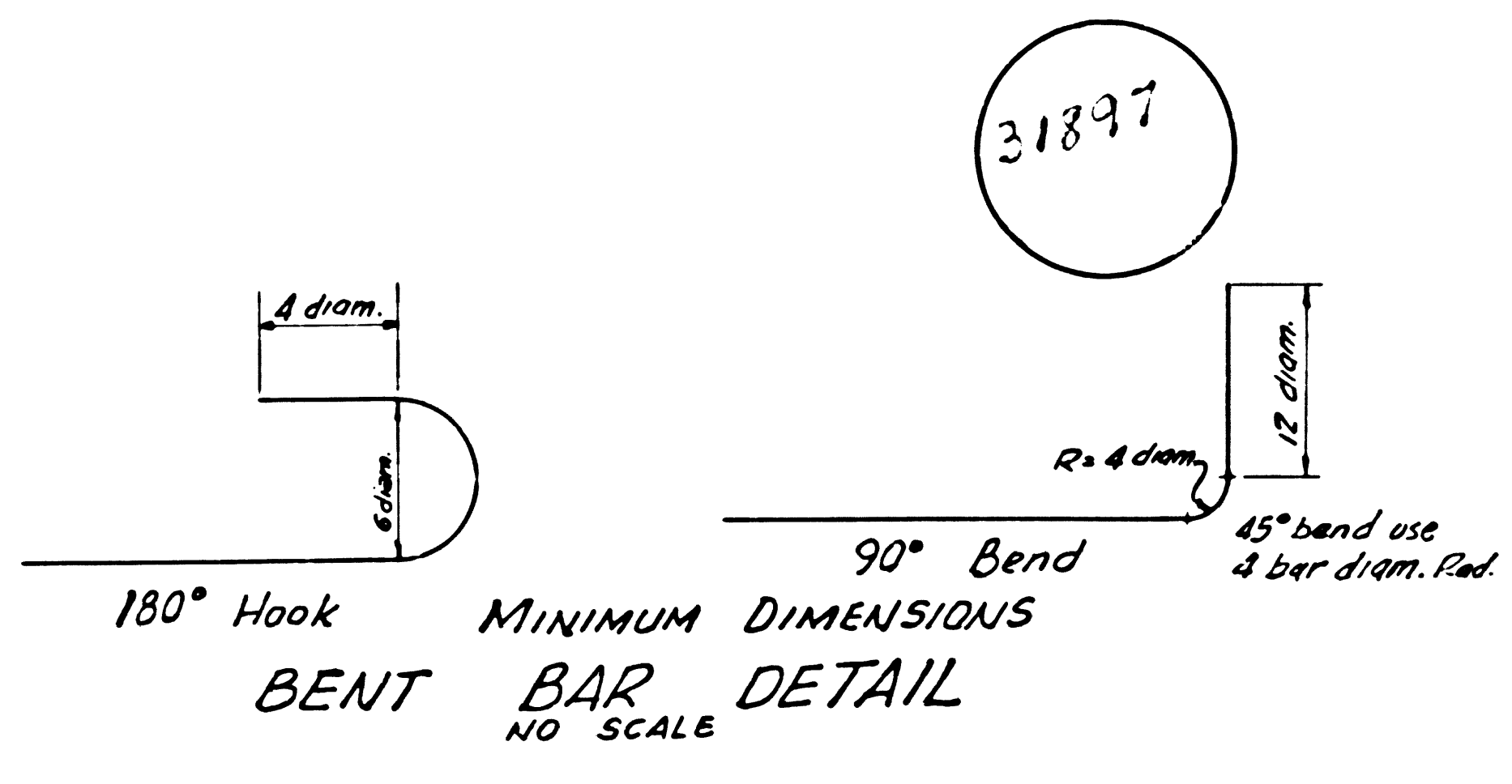


SECTION 18'-0" BASE SLAB

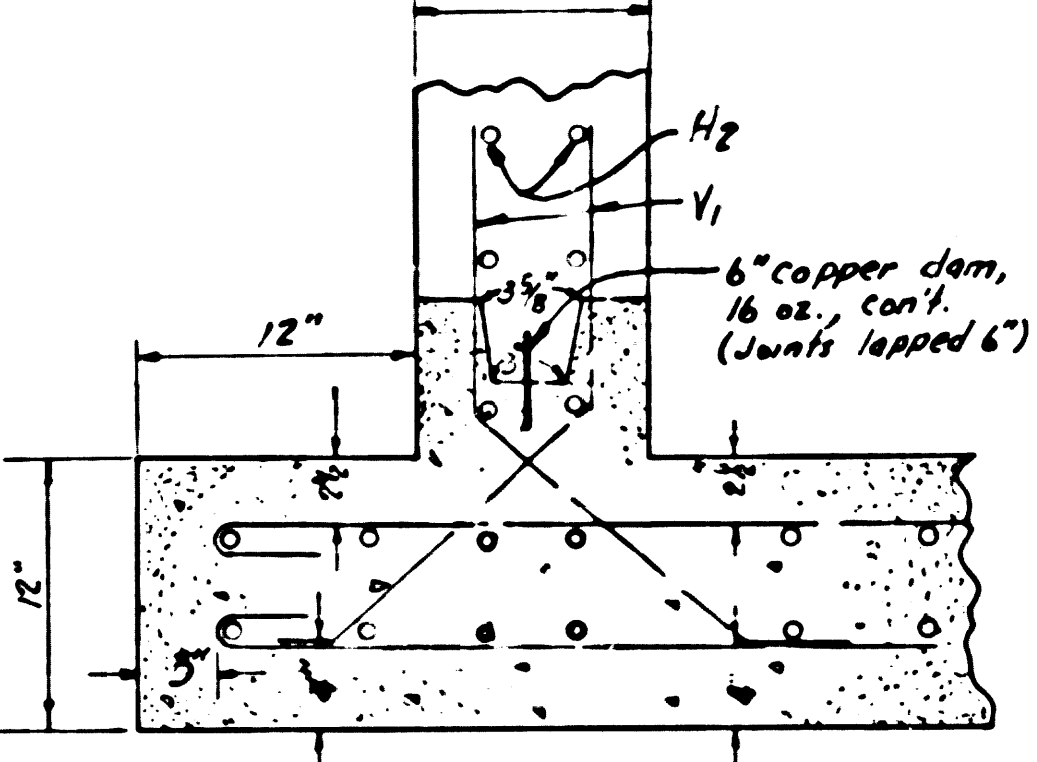


PLAN BASE SLAB
SCALE 1/2"=1'-0"

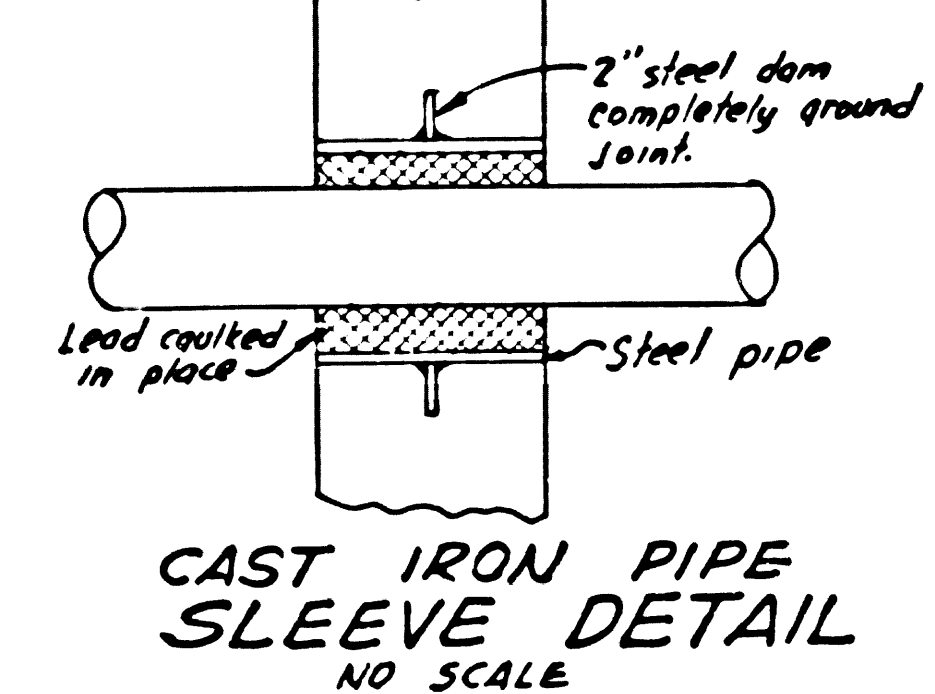
STEEL SCHEDULE			
MARK	TYPE	SIZE	LOCATION
H1	—	#6	Base Slab - both ways - top & bottom
H2	—	#6	Walls - inside & outside
H3	—	#4	Top Slab - top & bottom
H4	—	#4	" " " "
H5	—	#5	" " " " - beam
H6	—	#5	" " " " " "
H7	—	#5	" " " " " "
H8	—	#4	" - top only - corners
H9	—	#5	" - top & bottom - diagonals
H10	—	#4	" " " "
V1	—	#6	Walls - inside & outside
H11	—	#5	Stair Landing - both ways - top & bottom
H12	—	#6	Top Slab - top & bottom
H13	—	#4	Top Slab - top & bottom



STAIR LANDING DETAIL
SCALE 1/2"=1'-0"



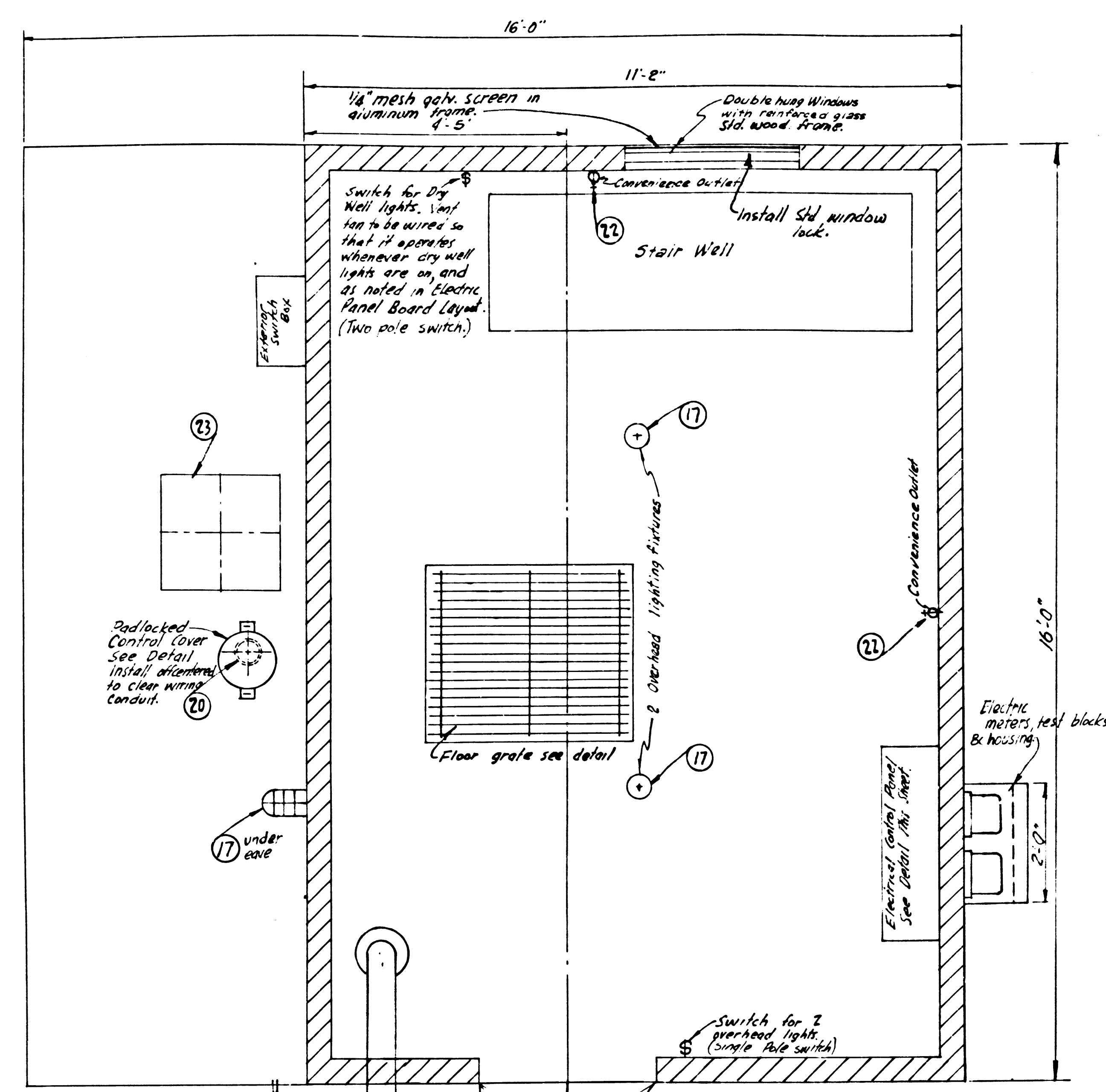
CONSTRUCTION JOINT DETAIL
SCALE 1/2"=1'-0"



CAST IRON PIPE SLEEVE DETAIL
NO SCALE

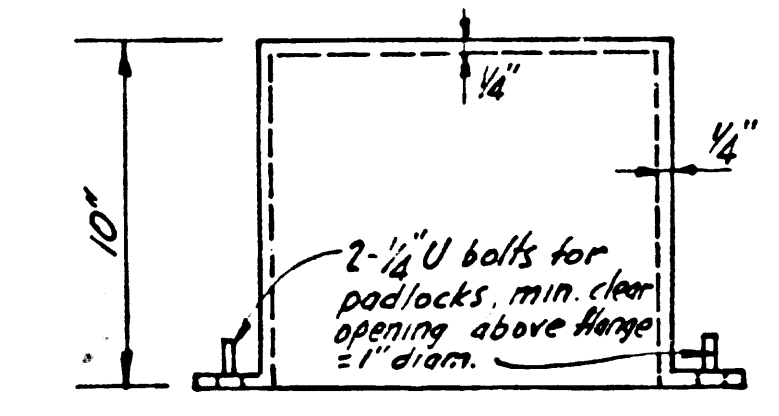
- NOTES:
1. Ultimate Concrete stress, 3000 p.s.i.
 2. Allowable steel stress 20,000 p.s.i. per ASTM A-15 (Billet steel intermediate grade)
 3. All bars lapped 30 diam.
 4. All steel reinforcing to have a minimum of 3" of cover.
 5. Bottom steel of base slab shall have a min. of 3 1/2" cover.
 6. Use deformed bars per ASTM A-305
 7. Base slab and drainage floor slopes to be formed and poured monolithically. See Wall Elevations.

PRIVATE CONTRACT NO. 5993
CONSTRUCTION PLANS FOR
SEWAGE PUMP STATION
TO SERVE
TRACT NO. 24970
PAGE 15 OF 10 SHEETS
SCALE: 1/2"=1'-0" EXCEPT AS NOTED AUG. 8, 1961
PREPARED IN THE OFFICE OF
M^C INTIRE AND QUIROS, INC.

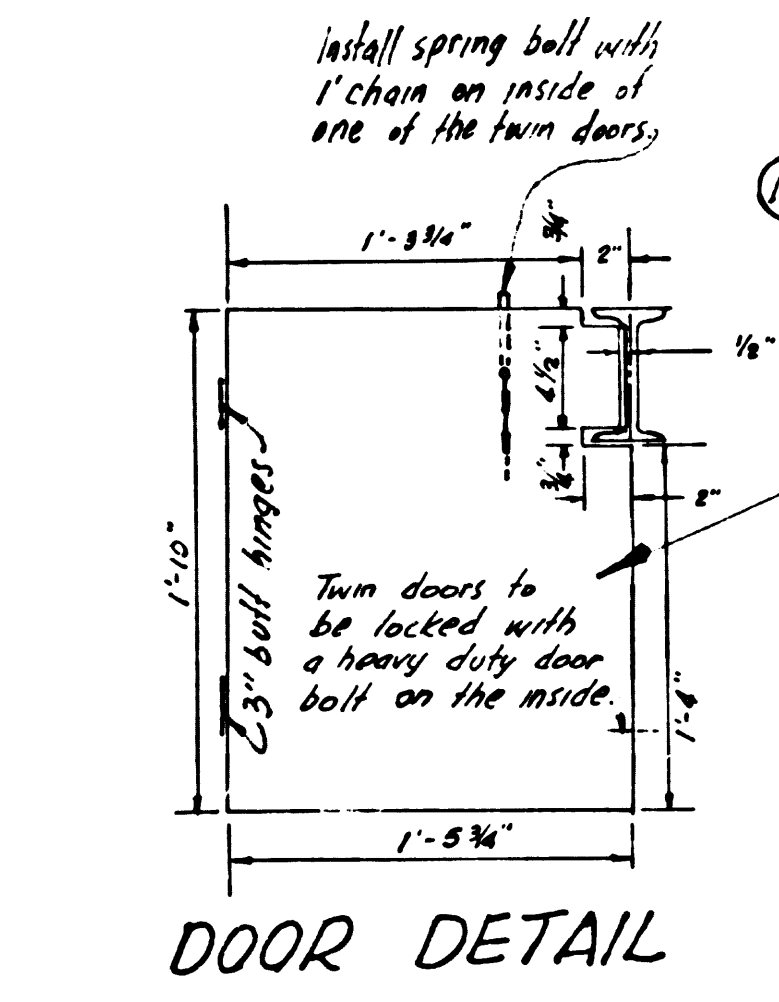


FLOOR PLAN
SCALE 1/2"=1'-0"

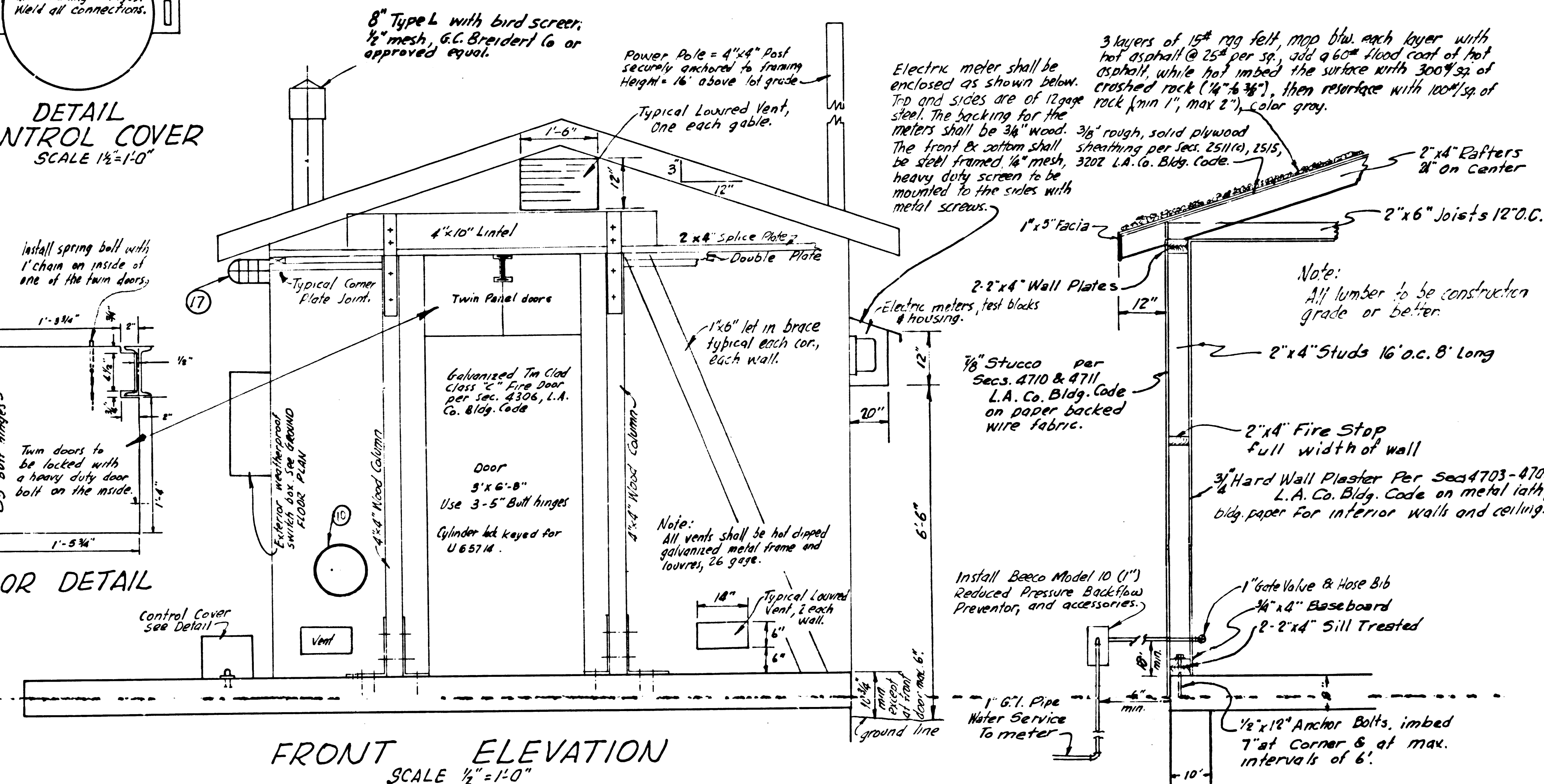
Note - Contractor to supply 5 padlocks and 1 cylinder lock.



DETAIL CONTROL COVER
SCALE 1/2"=1'-0"

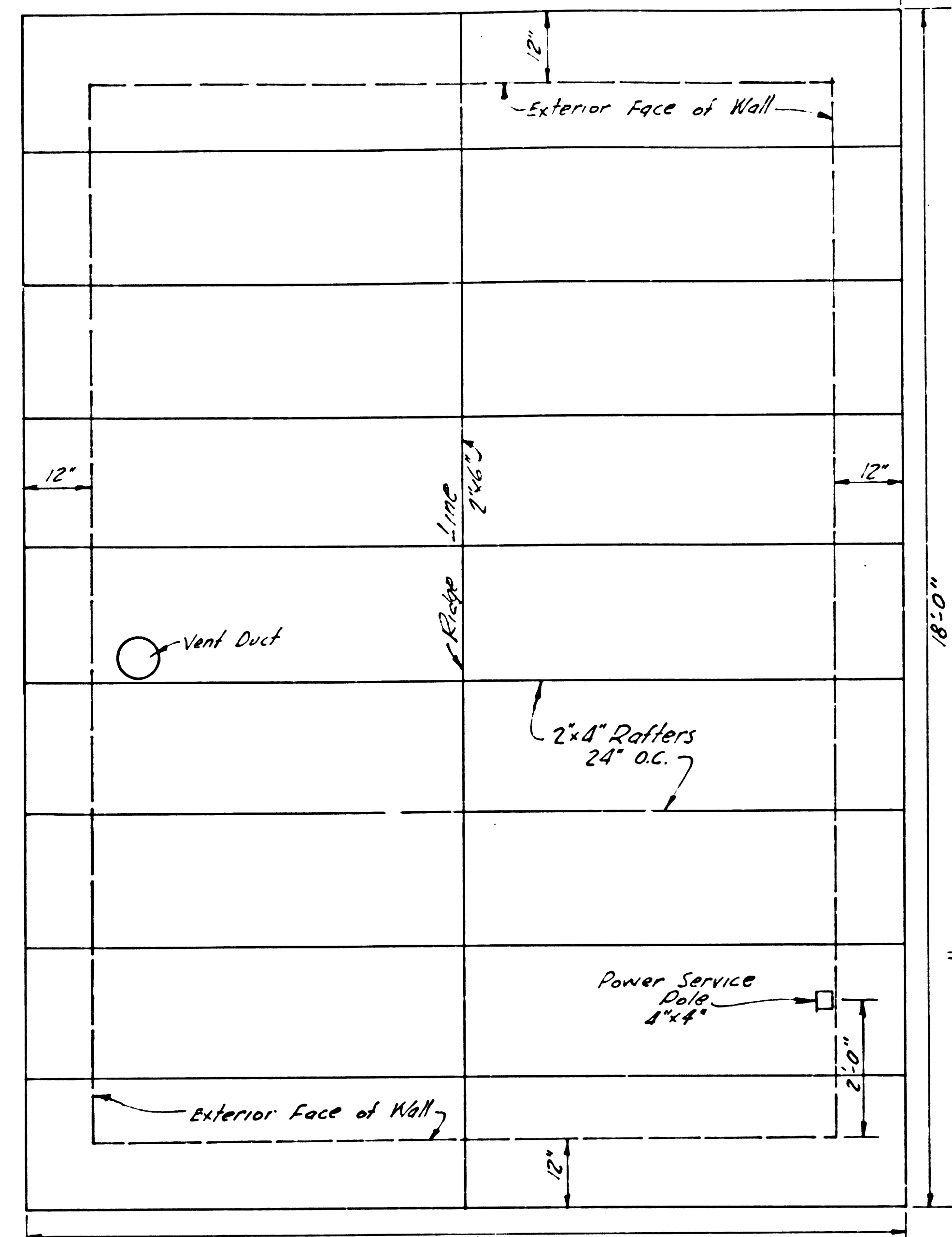


DOOR DETAIL



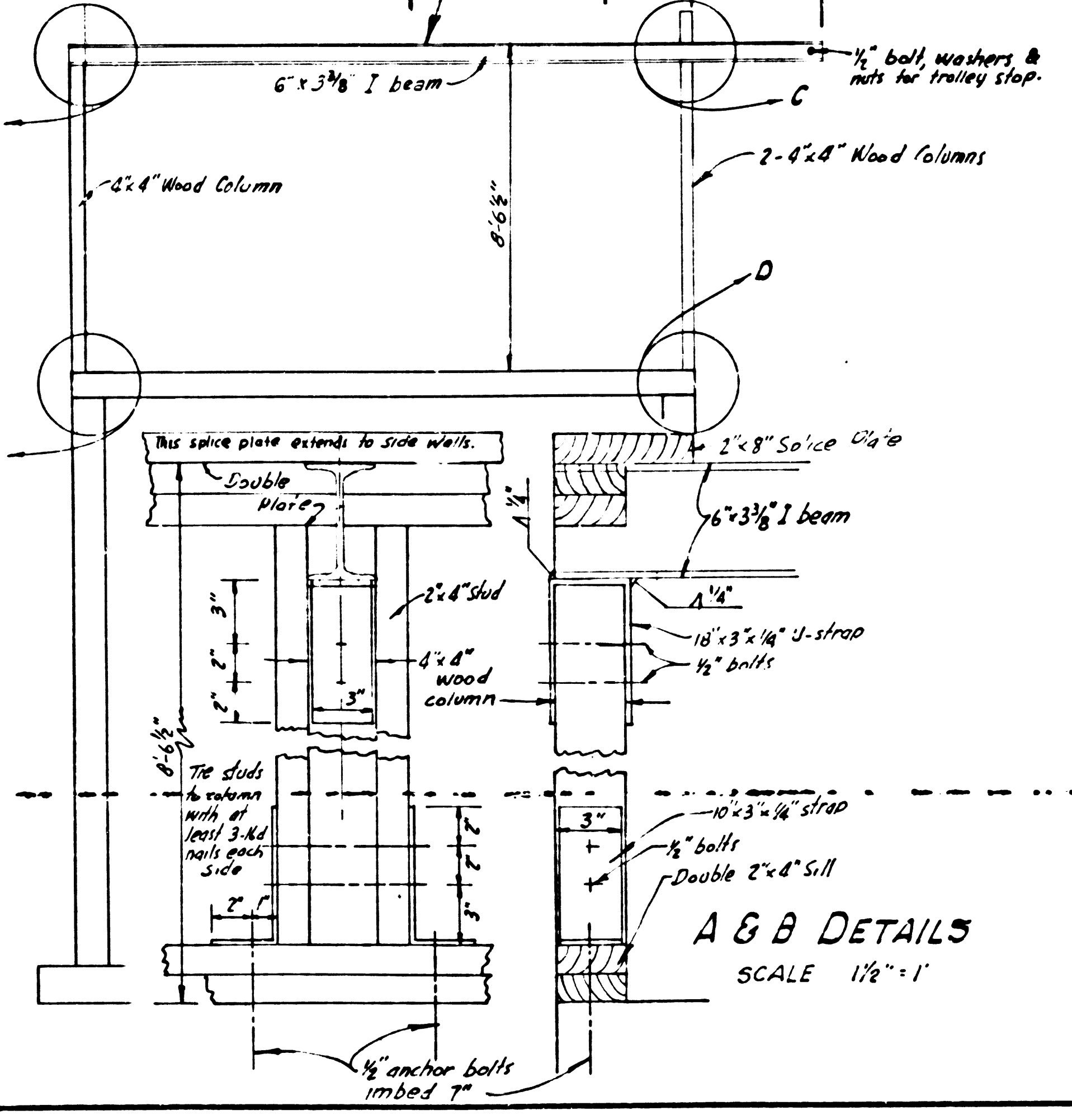
FRONT ELEVATION
SCALE 1/2"=1'-0"

CONSTRUCTION DETAIL

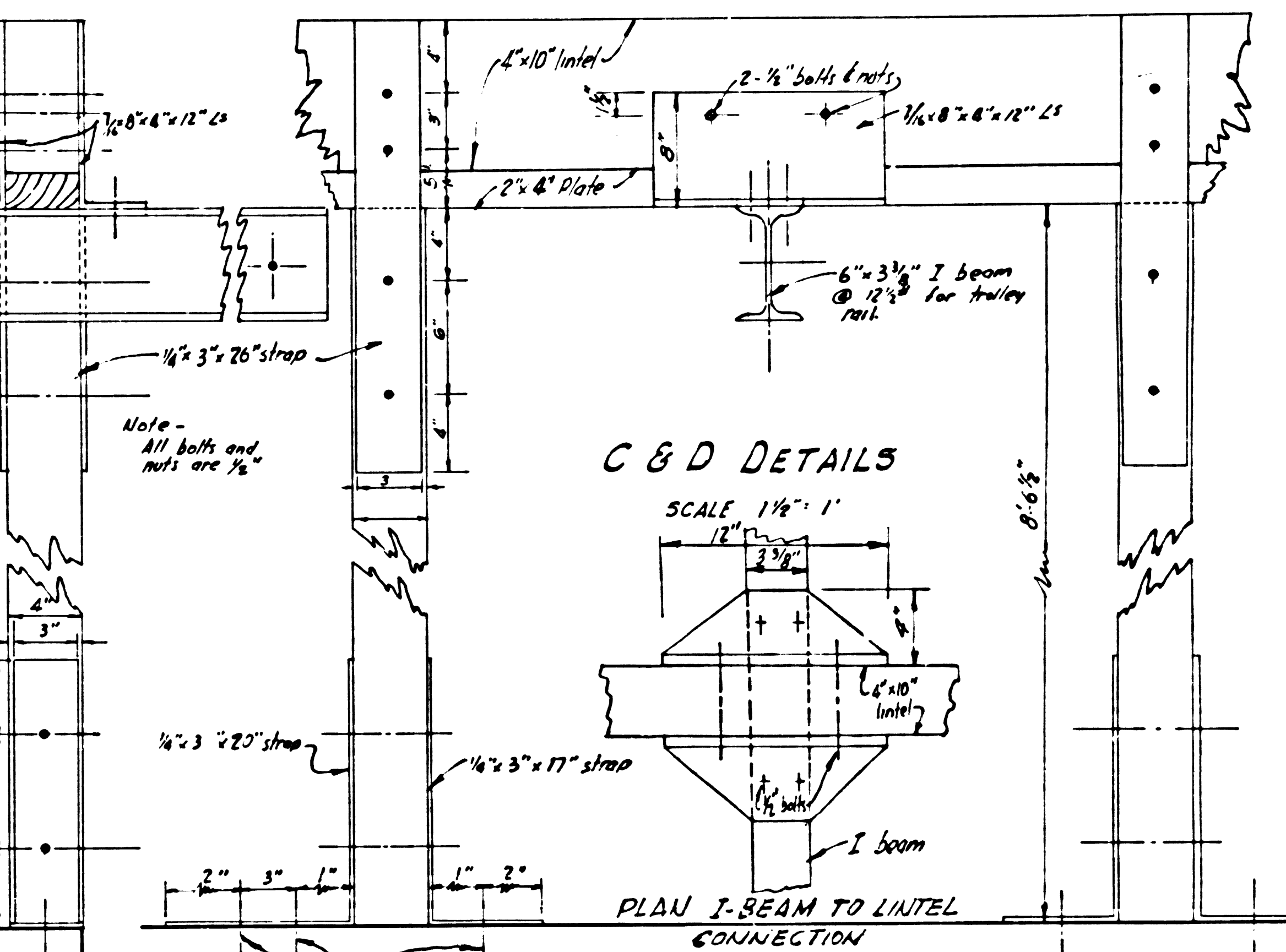


GABLE ROOF FRAMING DETAIL
SCALE 1/2"=1'-0"

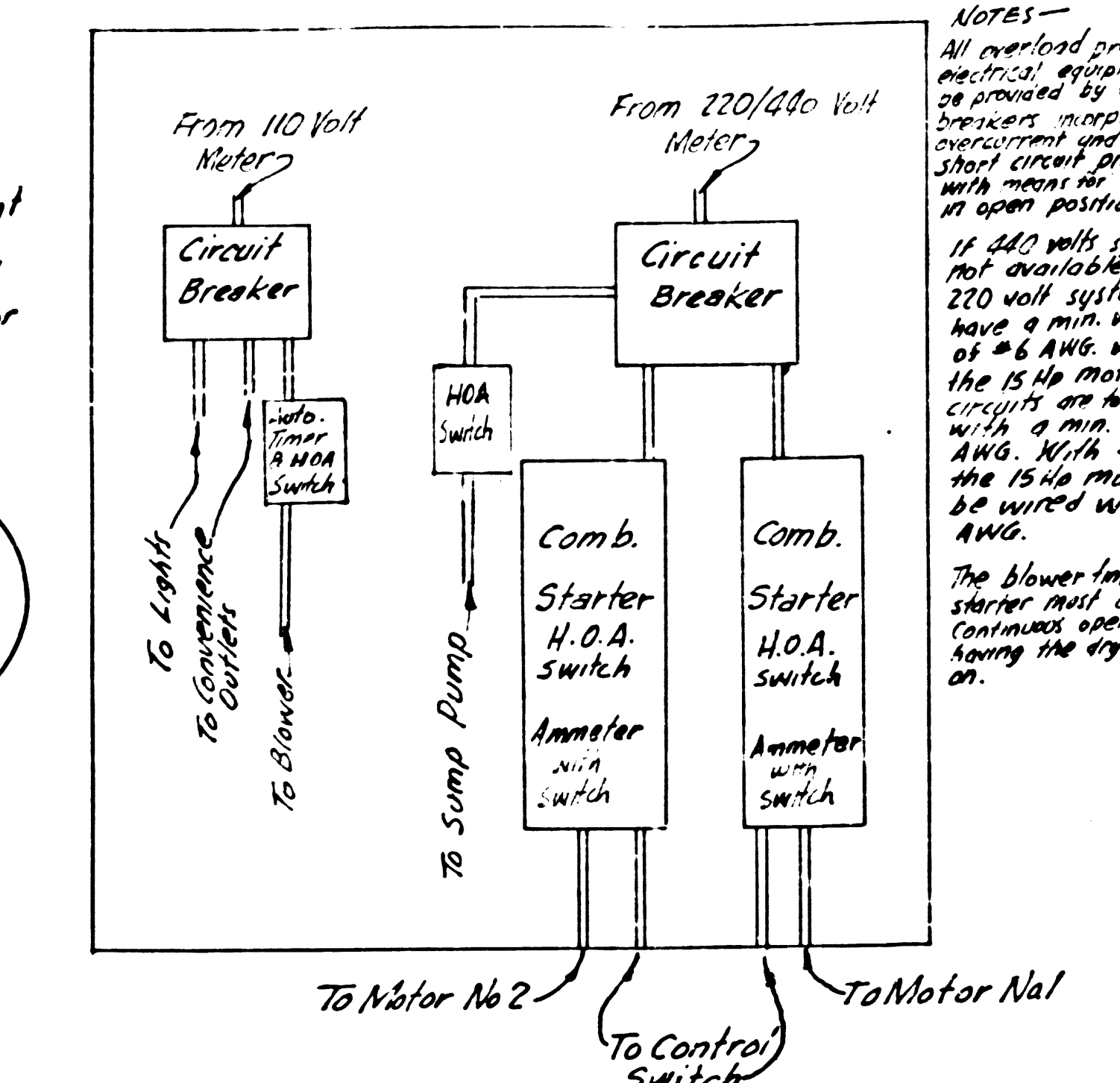
Note - Fasten the I-beam to each joist with one "Blatten End Bolt" No. 96-6, 1/2" diam. Crane Co. No. 53. Sagger location of each bolt so that each alternate bolt is on opposite sides of the beam.



A & B DETAILS
SCALE 1/2"=1'-0"



C & D DETAILS
SCALE 1/2"=1'-0"



ELECTRIC PANEL BOARD LAYOUT

Note - The Panel Board equipment shall be housed in a Motor Control Switch Board Type CS-1 by Square D Co. or approved equal.

NOTES - All overhead conductors for electrical equipment shall be provided by service conductors in accordance with the National Electrical Code with minimum clearance from the ground as shown. The 15 HP motors shall have a min. wire size of # 6 AWG. All other conductors shall be in accordance with the National Electrical Code. The 15 HP motors may be wired with # 10 AWG. The blower fan and motor shall have continuous operation without opening the dry well doors.

PRIVATE CONTRACT NO. 5993
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SEWAGE PUMP STATION
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TRACT NO. 24970
PAGE 16 OF 10 SHEETS
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