

B.M. 7291 ELEV. 229.423
 C.S. MON. FLUSH IN C.B. AT S.W.
 COR. WESTERN AVE. & TOSCANINI
 DRIVE 20 S+35 W.E. INTERMD. B.M. 35-
 5A-1964 QUAD. 1970 ADJ.

LOMITA BLDG. DIST. NO. 12

PROFILE ALIGNMENT AND GRADE OF
SANITARY SEWERS PAGE 1
 TO BE CONSTRUCTED IN

TRACT No 30657
PRIVATE CONTRACT NO. 8826

W.S. 28
 9 SHEETS, 18 PAGES
 SCALE: VERT. 1" = 8'
 HORIZ. 1" = 80'
 PREPARED IN THE OFFICES OF
E.L. REARDON & ASSOCIATES
 1810 W. REDONDO BEACH BLVD.
 GARDENA, CALIFORNIA 90247
 REG. C. E. NO. 17062

- THE FOLLOWING LATEST REVISED STANDARD PLANS ON FILE IN THE OFFICE OF THE COUNTY ENGINEER SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT.
- LEGEND
- S-1 MIN. PUBLIC SAFETY REQUIREMENTS
 - S-2 SPLIT MANHOLE
 - S-3 REINFORCED PRECAST CONCRETE MANHOLE
 - S-3G MANHOLE STEP
 - S-17 BOLLARD FOR SOWER PIPE
 - S-20 CIRCULAR 8" ENCASMENT
 - S-22 WYE OR TEE SUPPORT
 - S-26 ALLOWABLE TRENCH WIDTH
 - S-33 EROSION PROTECTION

- 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 PRIVATE ENGINEER SHALL FURNISH THE COUNTY ENGINEER WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND Y-BRANCHES AND SHALL PROVIDE STAKES FOR THESE AT THEIR PROPER LOCATIONS WITH STATIONING PLAINLY MARKED. ALL HOUSE LATERALS SHALL BE CONSTRUCTED IN A STRAIGHT ALIGNMENT AT RIGHT ANGLES FROM THE MAIN LINE SEWER EXCEPT AS SHOWN ON THE PLANS. HOUSE LATERALS FROM CHIMNEYS SHALL NOT HAVE AN ANGLE OF LESS THAN 45° WITH THE MAIN LINE SEWER. ANY CHANGE IN ALIGNMENT SHALL BE REQUESTED IN WRITING BY THE PRIVATE ENGINEER.
 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 BYPASSING SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
 6. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE, MADISON 9-5767, EXT. 8188, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
 7. ALL STRUCTURES SHALL BE SET WITHIN 3" OF MANHOLES PER 8" OR PRECAST CONCRETE MANHOLES PER 8" - 8". EXCEPT AS NOTED OTHERWISE.
 8. 4" W.P. BRANCHED LINES USED FOR CONNECTIONS TO MAIN LINE SEWERS, EXCEPT AS NOTED.
 9. MANHOLE TOPS IN UNIMPROVED NIGHTS OF WAY TO BE 6 INCHES ABOVE FINISHED GRADE.
 10. USE EXTRA STRENGTH PIPE ALL PIPE IS STANDARD UNLESS NOTED OTHERWISE.
 11. VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "D" WITH 1/2" PER STD. SPEC. 208-B.
 12. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER 8-25, TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
 13. IF DURING THE COURSE OF CONSTRUCTION IT IS DETERMINED THAT THERE IS LESS THAN FOUR FEET OF COVER OVER THE TOP OF A MAIN LINE OR HOUSE LATERAL V.C.P. SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER 8-25, UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
 14. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 6 FEET BELOW CURB GRADE EXCEPT AS NOTED.
 15. RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
 16. ENCASEMENT AS TESTED FOR LEAKAGE PER SECTION 306-E-8-1 STD. SPEC.
 17. REFER TO SECTION 7-6-61 OF THE STANDARD SPEC. REGARDING SAFETY SIGNS.
 18. ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER GLEBE JOINT, TYPE "C" WITH BUSHING IN PLACE PER STD. SPEC. 208-B.

FULL COMPLIANCE WITH SECTION 306-1-B.3 OF THE STANDARD SPECIFICATIONS WILL BE REQUIRED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL COMPLETION AND SAND EQUIVALENTS BY A QUALIFIED REGISTERED TESTING LABORATORY SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE.

NOTE: LOT 327 IS SERVED BY EXISTING CONNECTION TO TRUNK SEWER IN WESTERN AVENUE

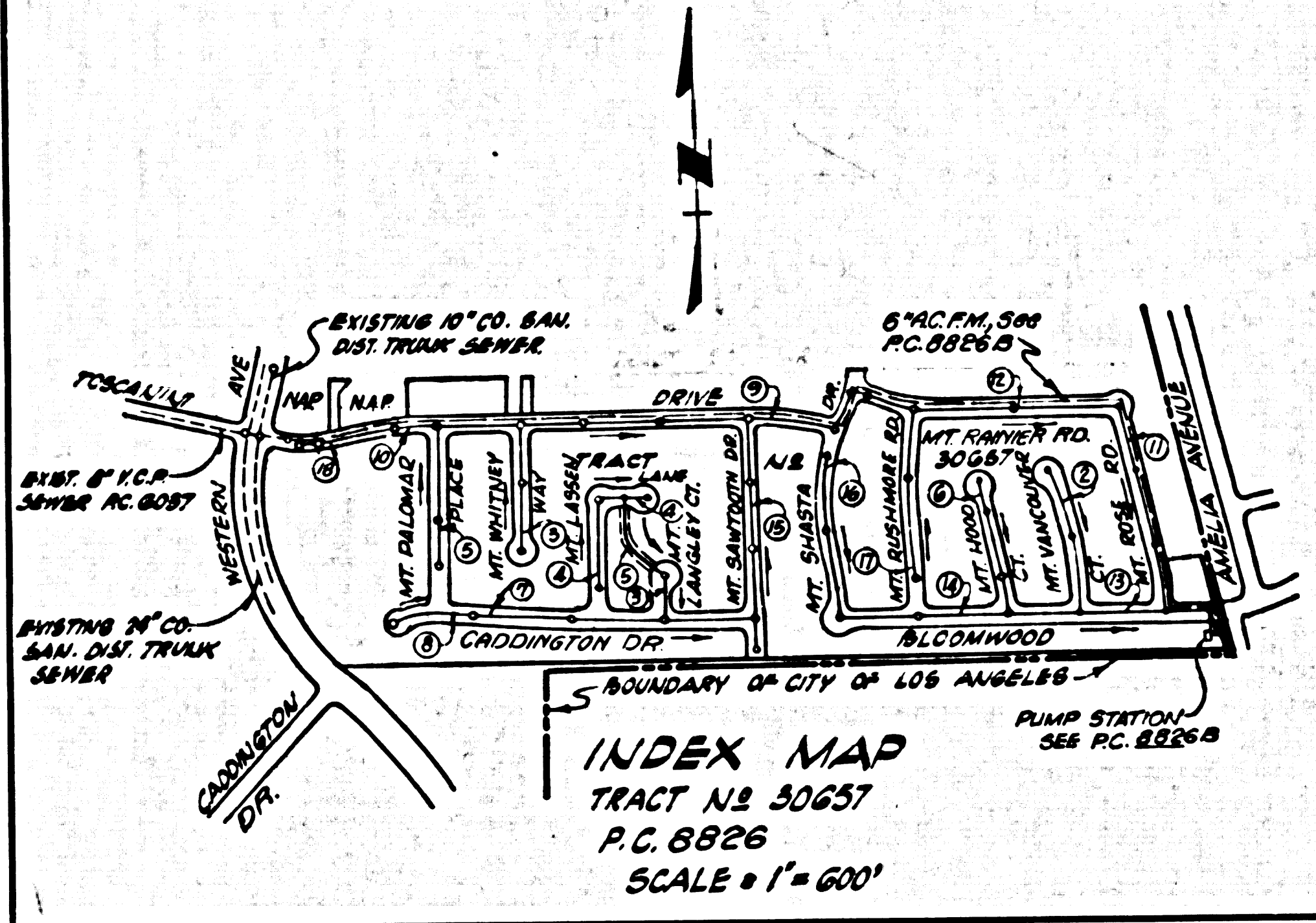
County Sanitation District shall be notified prior to the following so that required inspection can be made (Phone 337-0255 & 638-1161)

ACCEPTANCE OF THE PROJECT

No inspections for the disposal of industrial wastes shall be made or severe shown on these drawings without written permission from the Chief Engineer and General Manager of the County Sanitation Districts.

REVISION #3 ADDED PRECAST CAST IRON MANHOLE, PAGE 13
 APPROVED: *[Signature]*
 DATE: 1/21/72

REVISION #1 LOWERED TOP OF CURB AND SEWER INVERTS BY TOSCANINI DR. FROM MT. SHASTA DR. TO MT. SHASTA DR. FROM STA. 3+38.25 TO MT. SHASTA DR. BLOOMWOOD RD. FROM STA. 10+14.0 TO MT. SHASTA DR. FROM STA. 10+14.0 TO MT. SHASTA DR. APPROVED: *[Signature]*
 DATE: 1/21/72



NOTE: ALLOW NO HOUSE CONNECTION PERMITS UNTIL PUMP STATION (P.C. 8826 B) IS COMPLETED

NOTICE TO CONTRACTOR

The existence and location of any underground utility pipes or structures shown on these plans are obtained by a search of the available records to the best of my knowledge there are no existing utilities shown on these plans. The contractor is required to take due precautions to protect the utility lines shown and any other lines not of record or not shown on these plans.

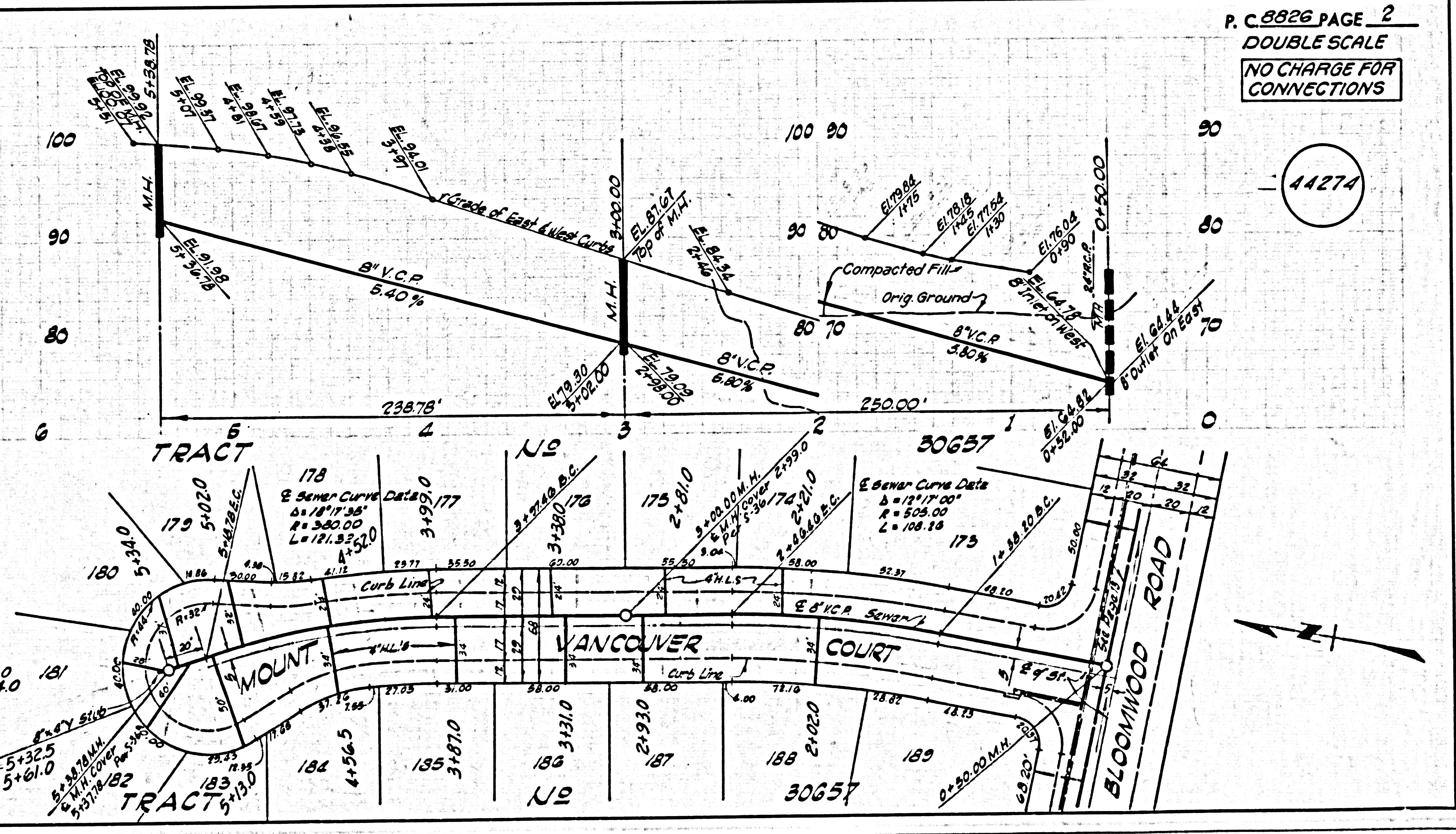
[Signature]
 R.E.L. 17062

COLLECT CHARGES AS INDICATED

COUNTY OF LOS ANGELES, CALIFORNIA
 HARVEY T. BRANDT, COUNTY ENGINEER
 APPROVED BY: *[Signature]* 1-11-73
 REGIONAL ENGINEER

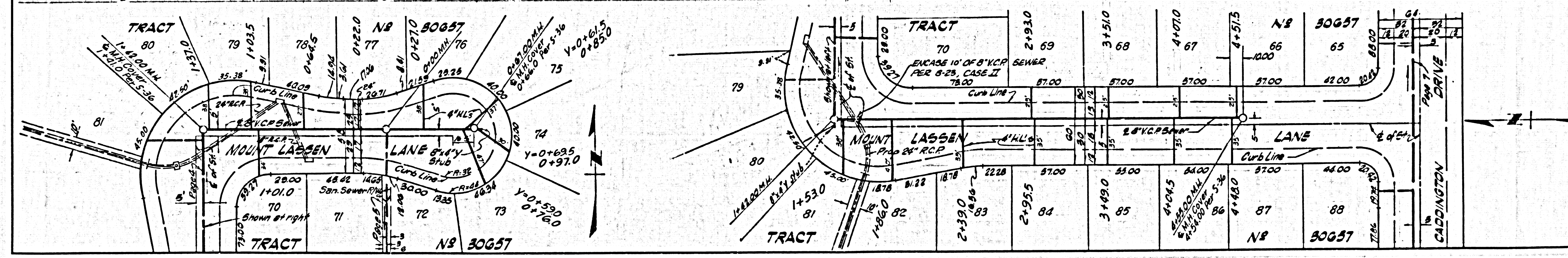
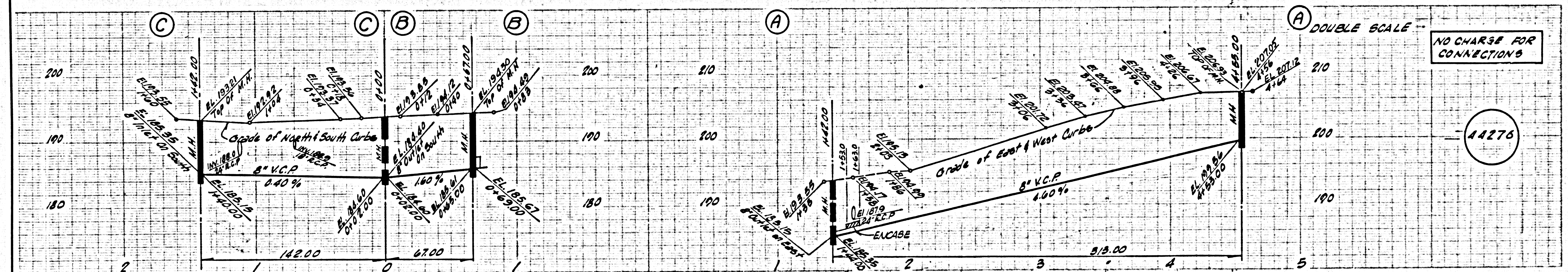
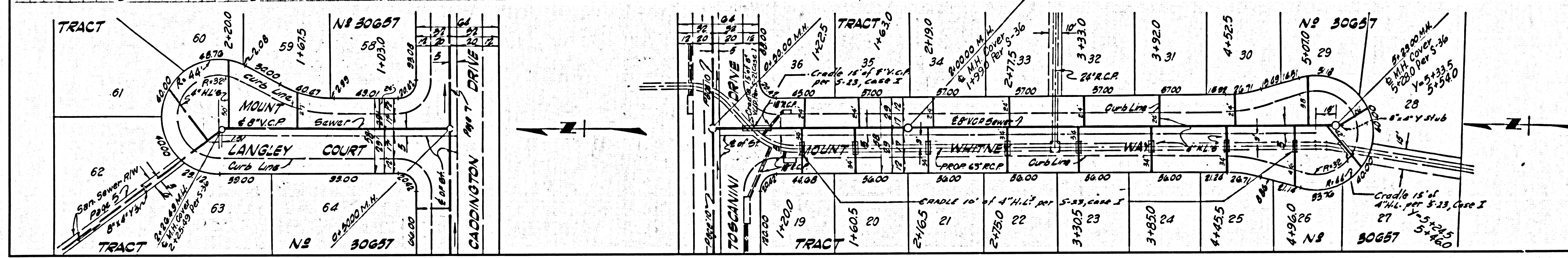
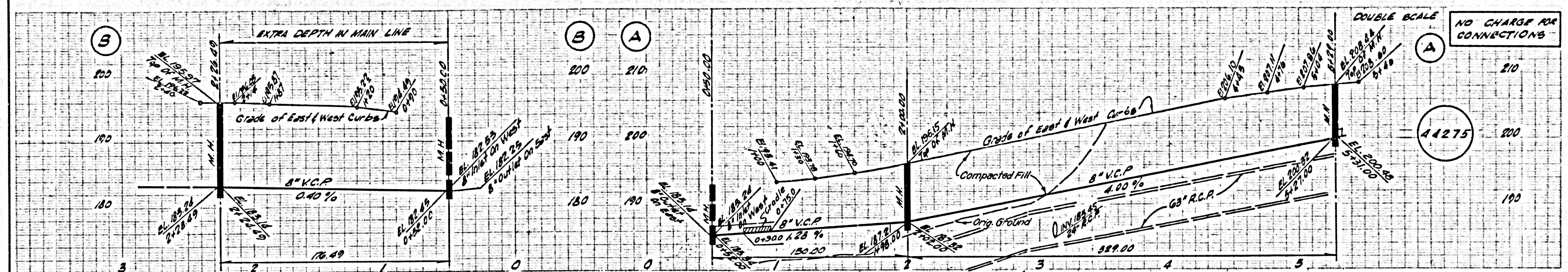
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 REG. C.E. NO. 15244

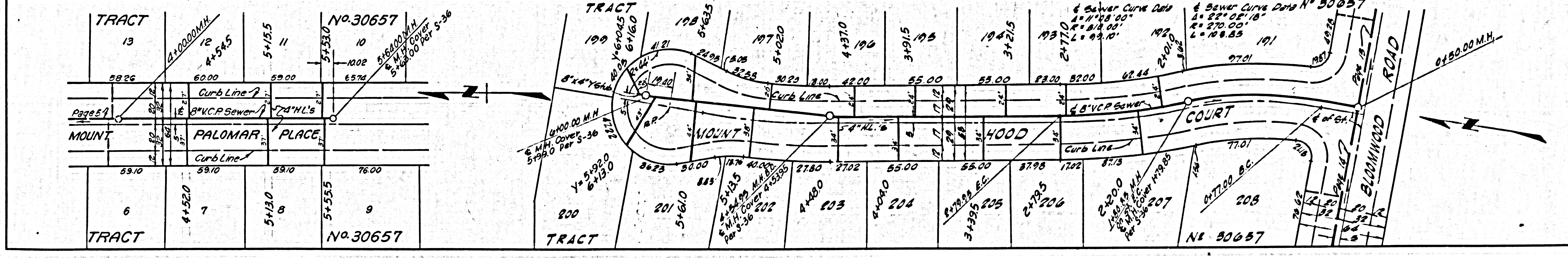
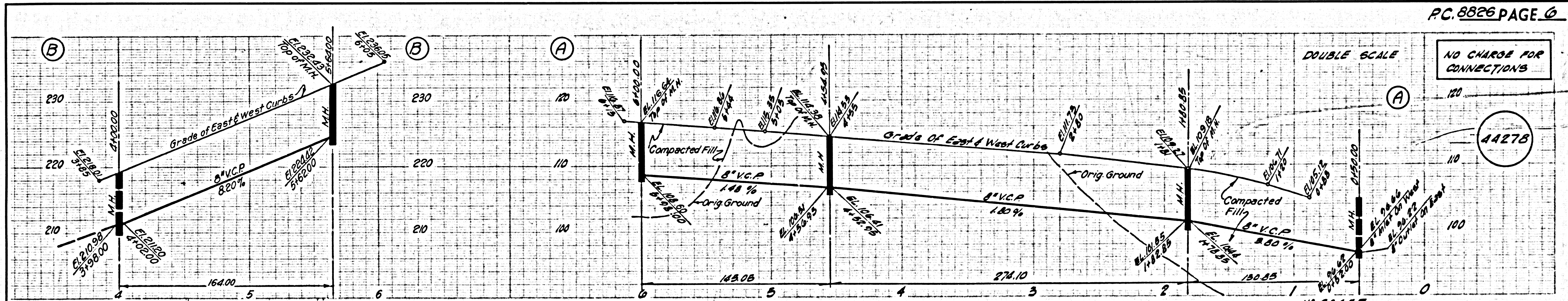
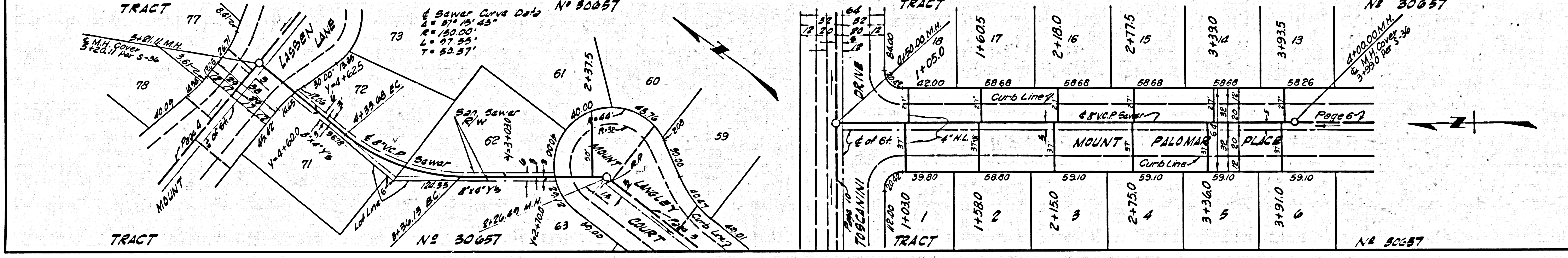
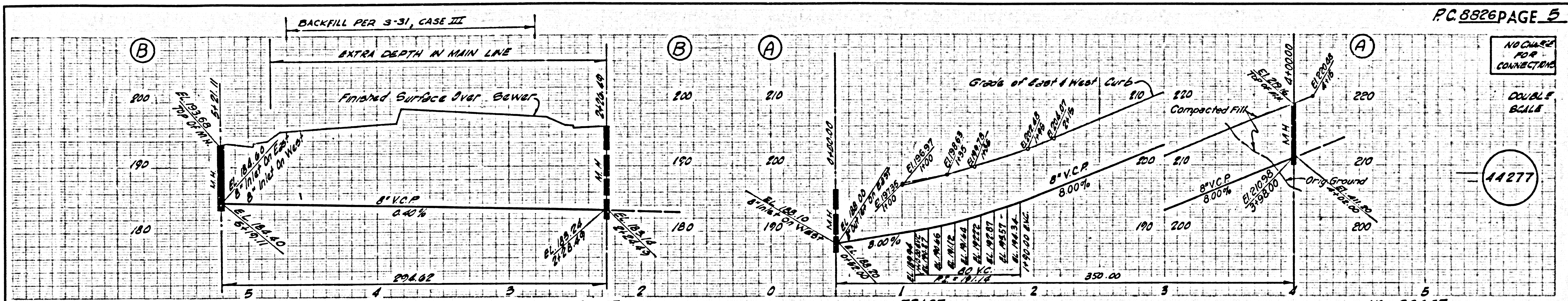
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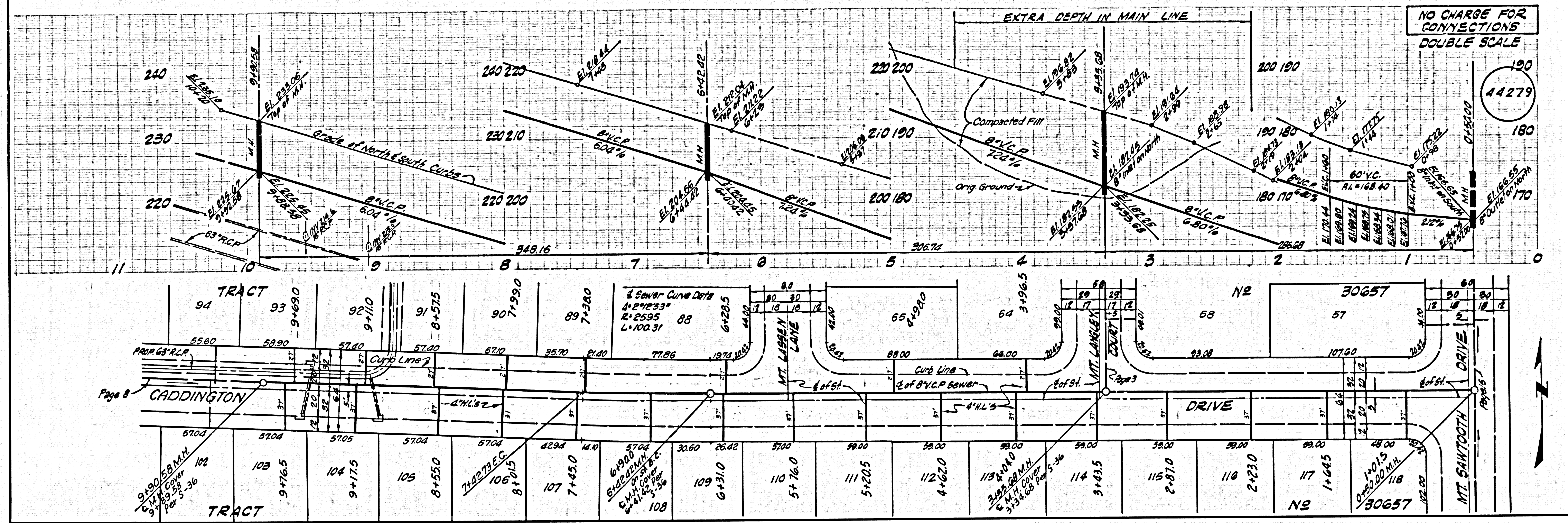
P.C. 8826 PAGE 2
 DOUBLE SCALE
 NO CHARGE FOR CONNECTIONS

44274

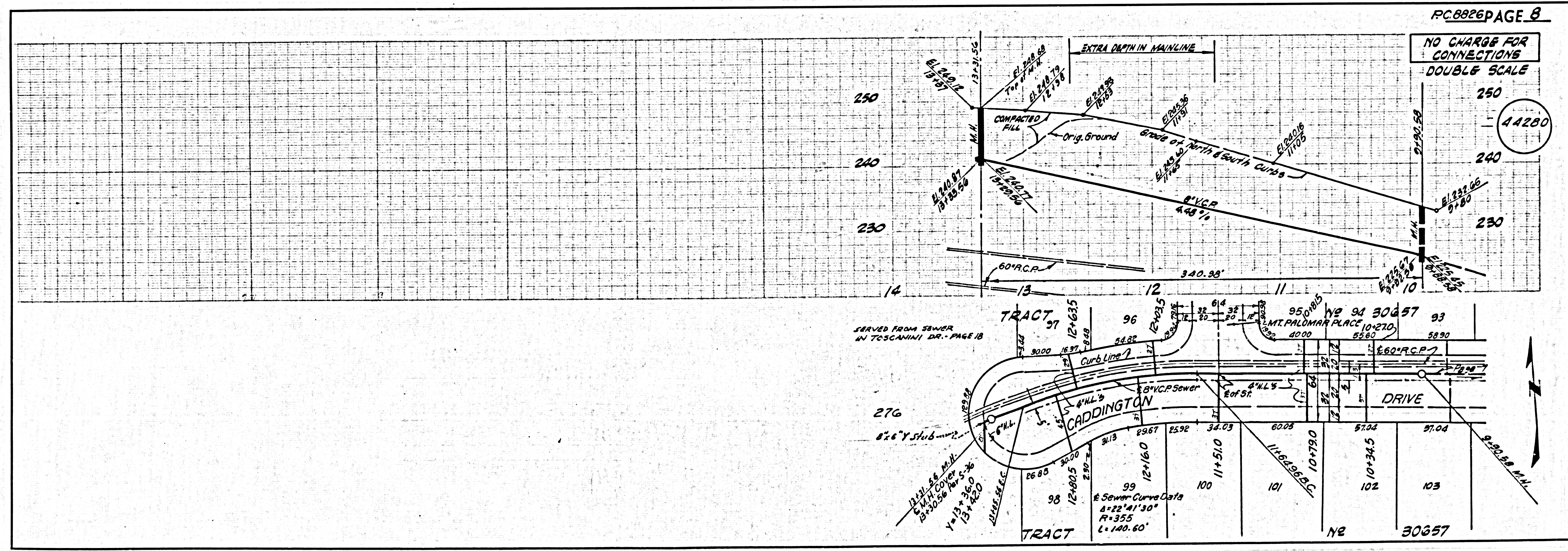




NO CHARGE FOR CONNECTIONS
DOUBLE SCALE



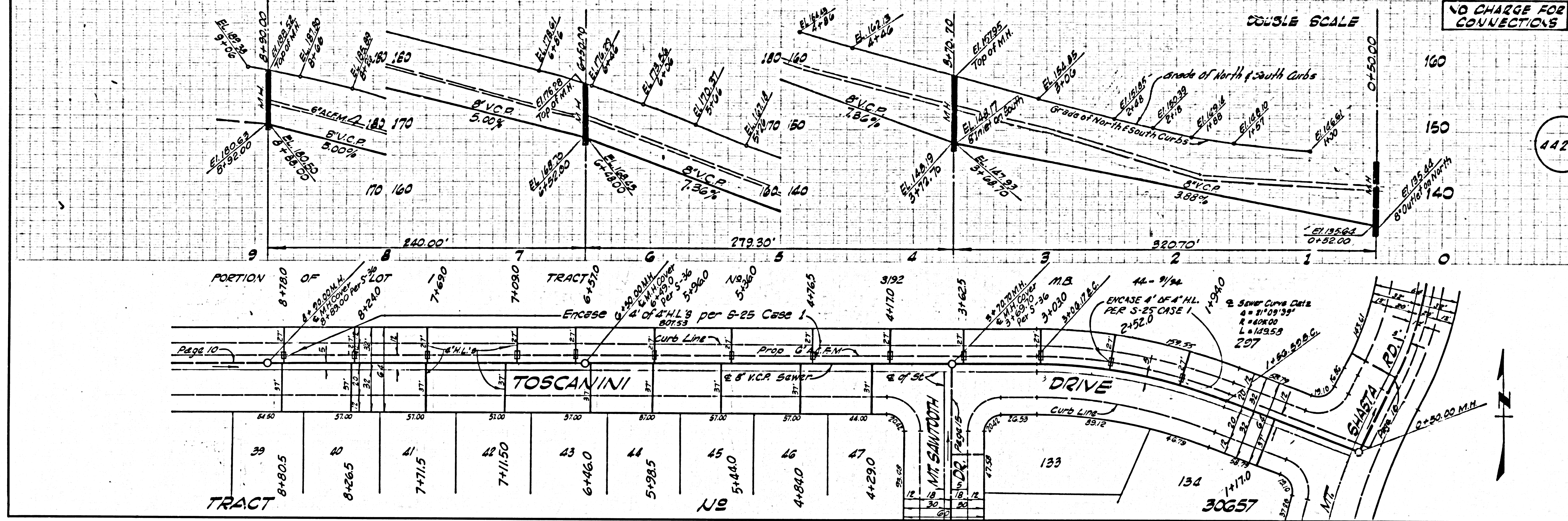
NO CHARGE FOR CONNECTIONS
DOUBLE SCALE



NO CHARGE FOR CONNECTIONS

DOUBLE SCALE

44281

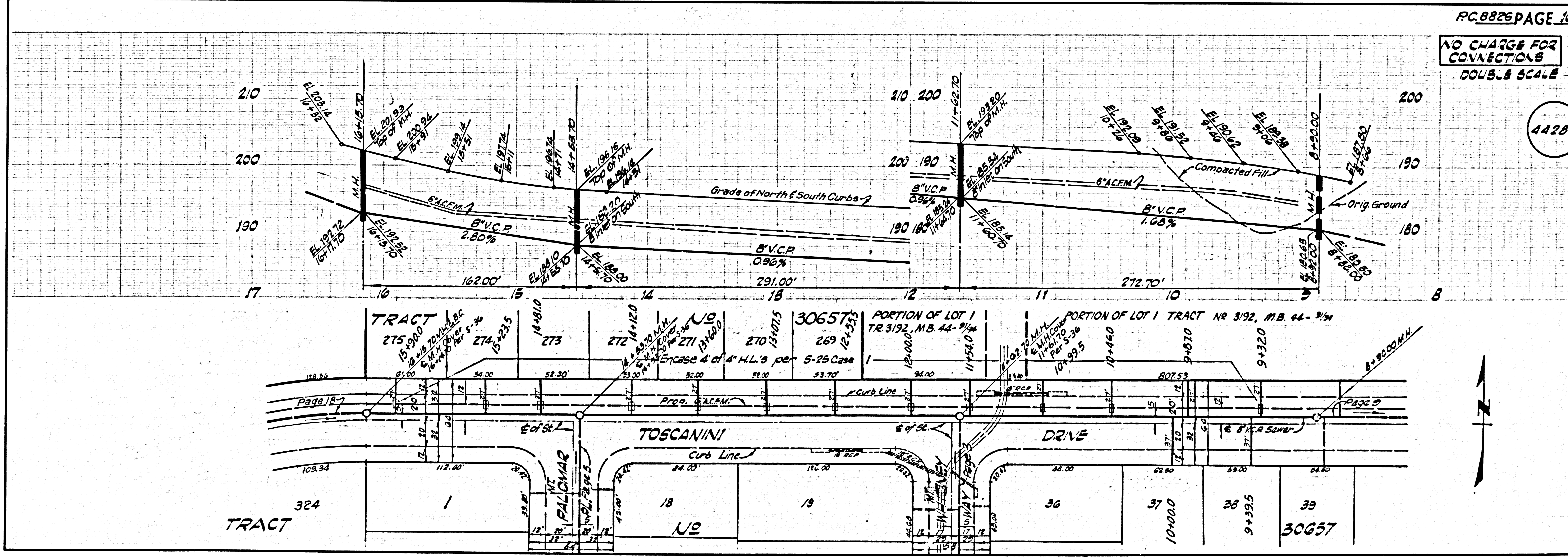


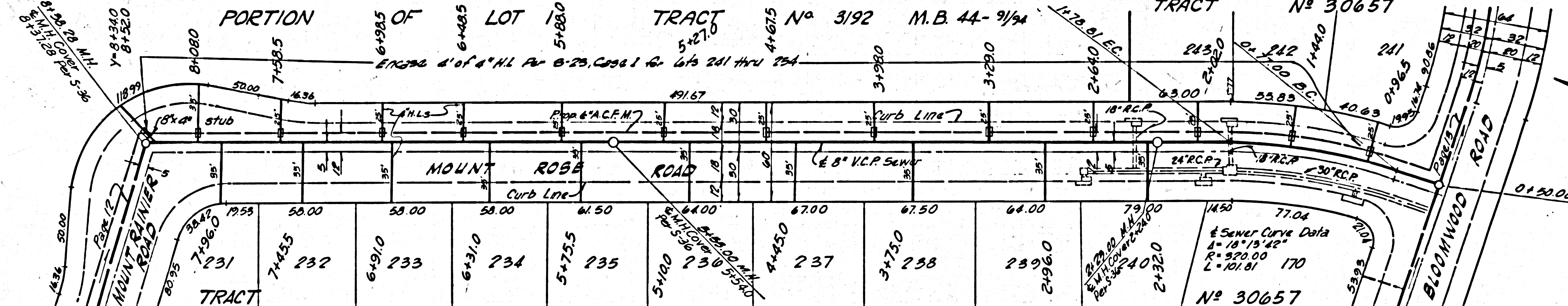
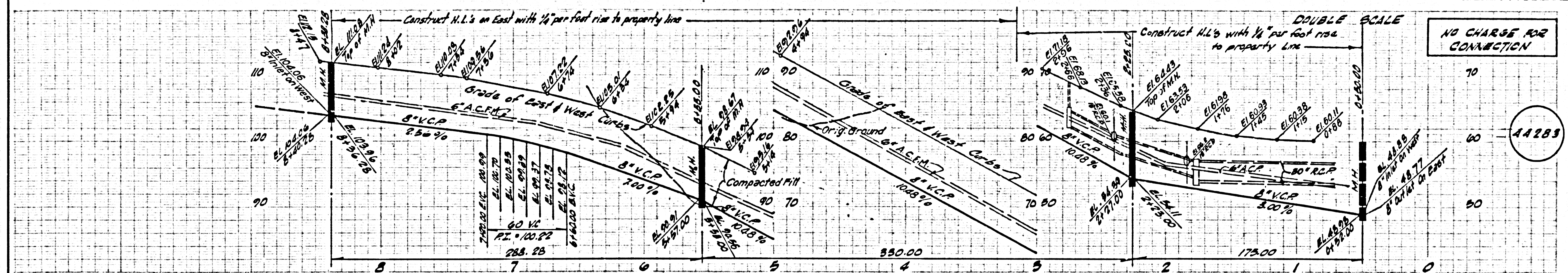
9-73 REV. 301

NO CHARGE FOR CONNECTIONS

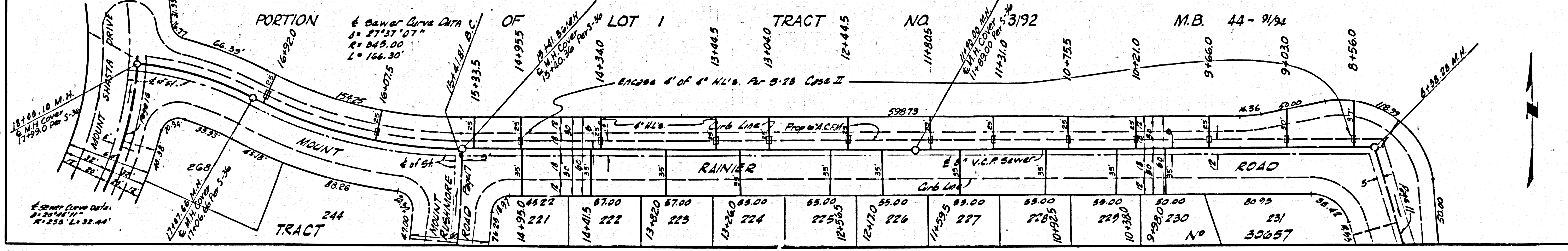
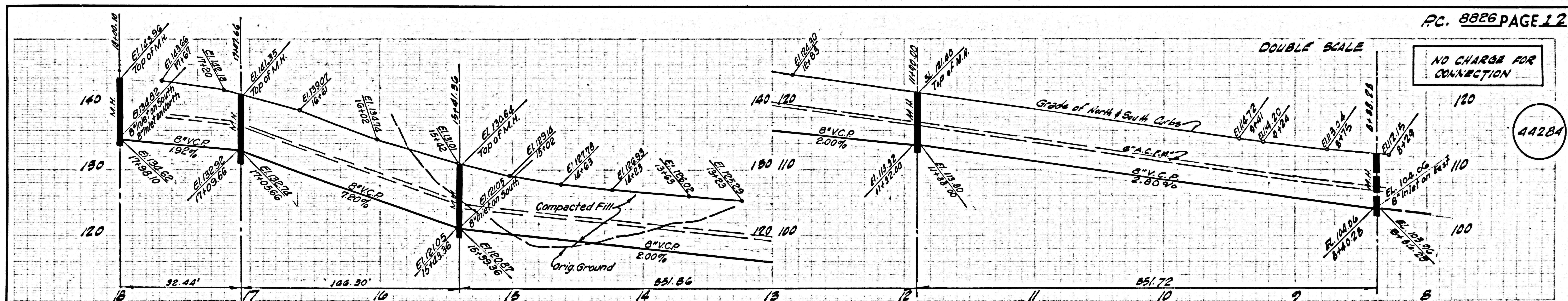
DOUBLE SCALE

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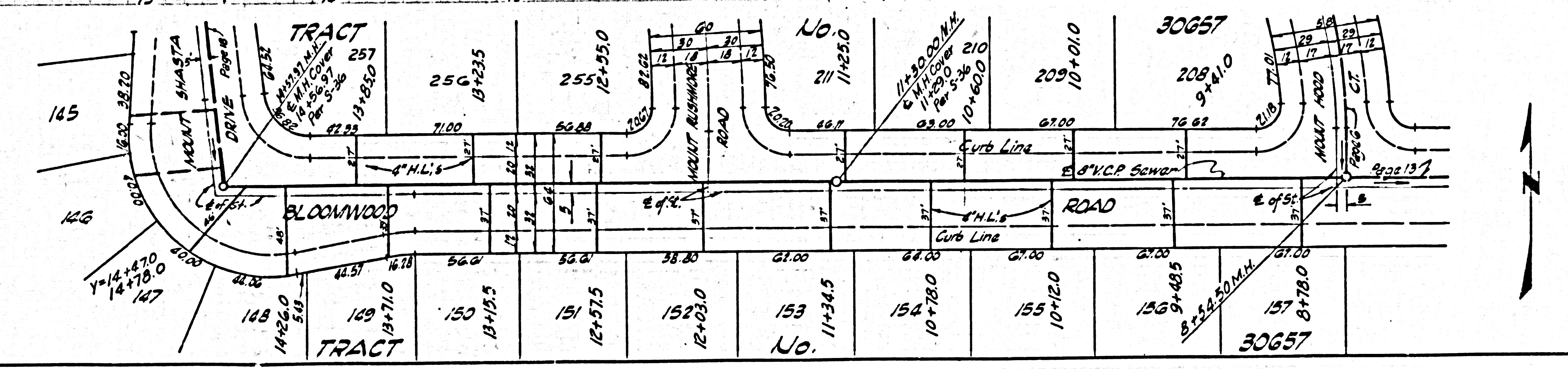
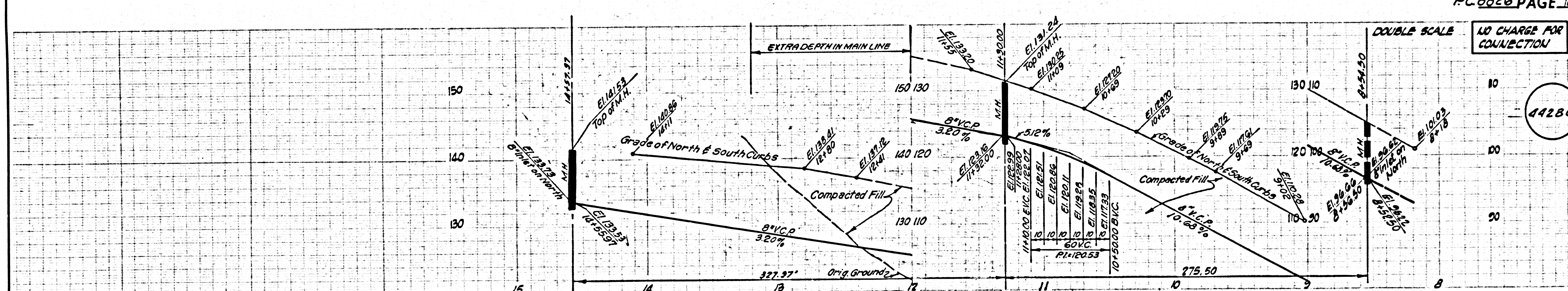
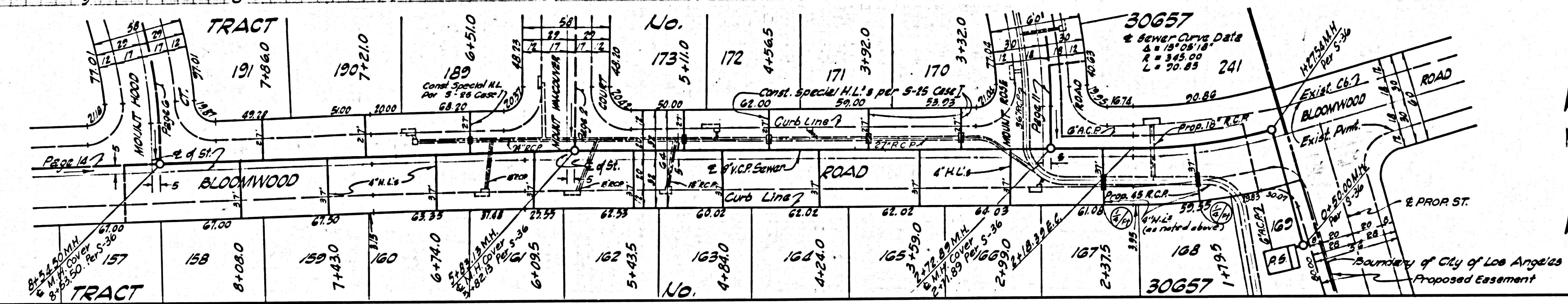
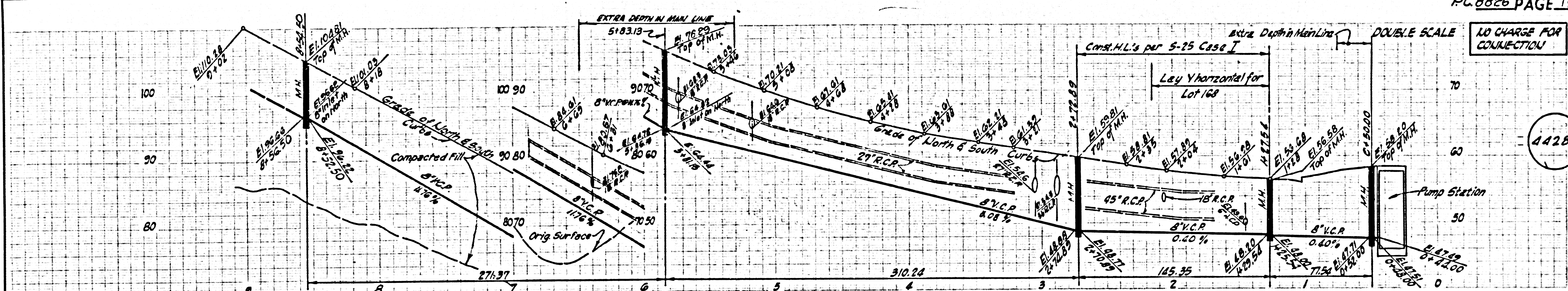


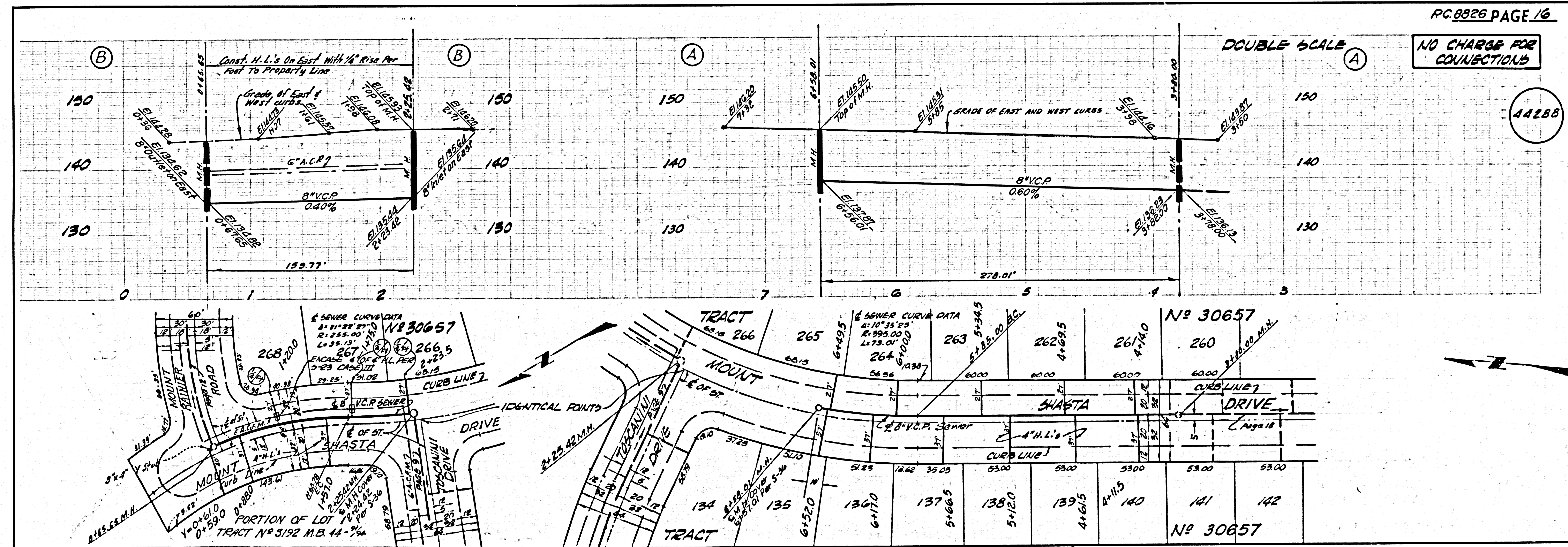
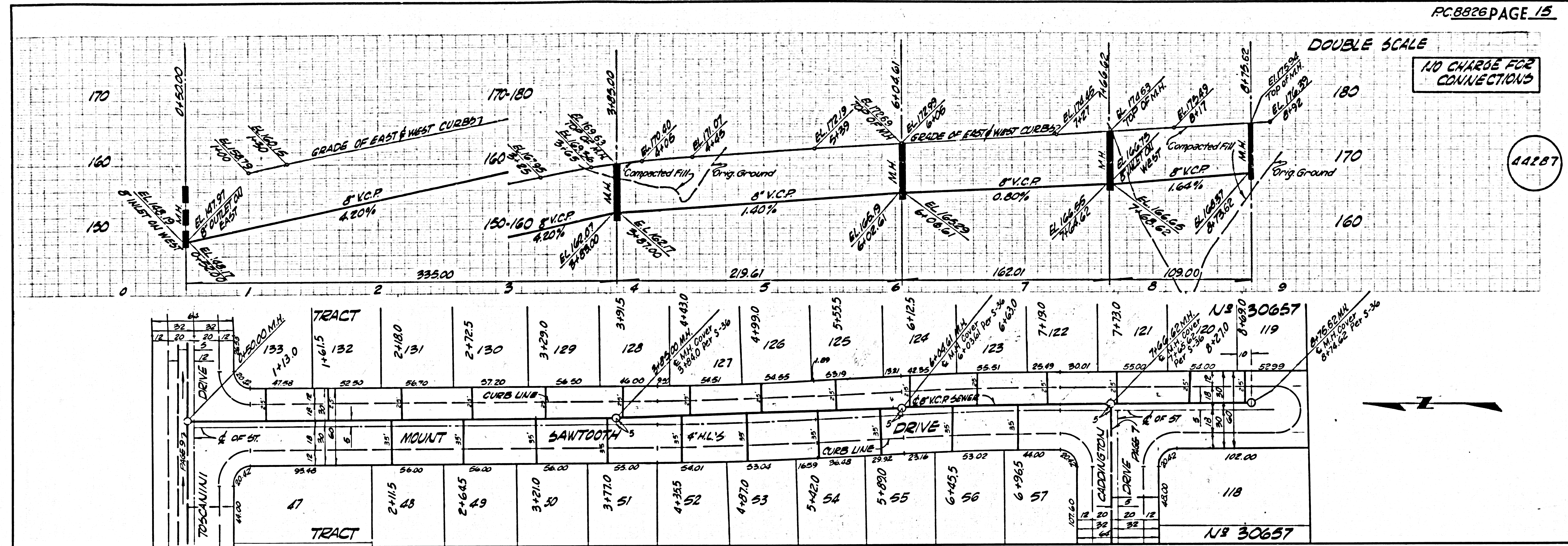


L.A. COUNTY SEWER SHEET NO. 1

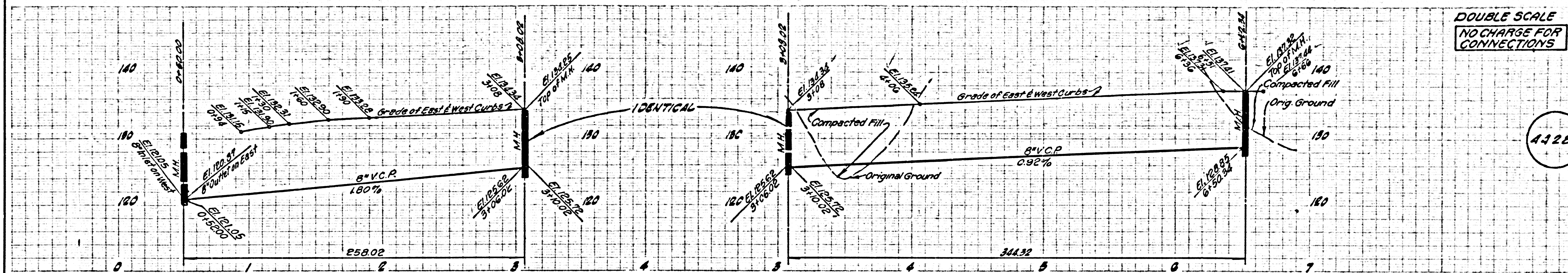


PC. 8826 PAGE 12

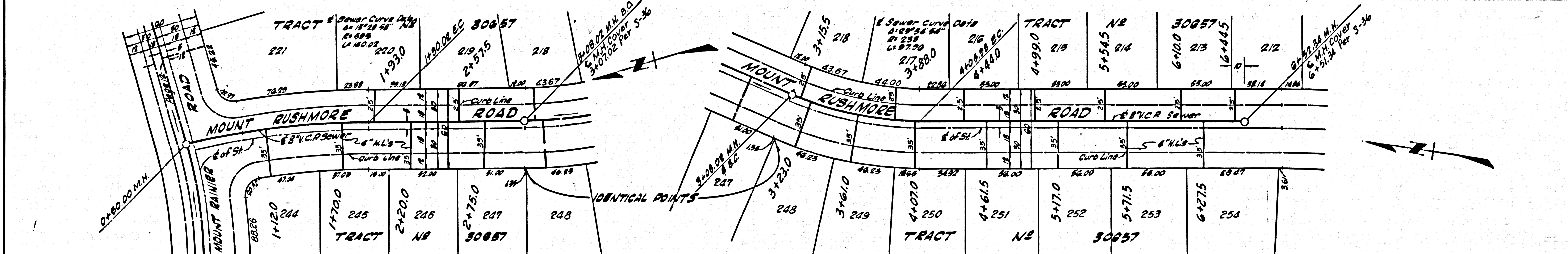




DOUBLE SCALE
NO CHARGE FOR
CONNECTIONS

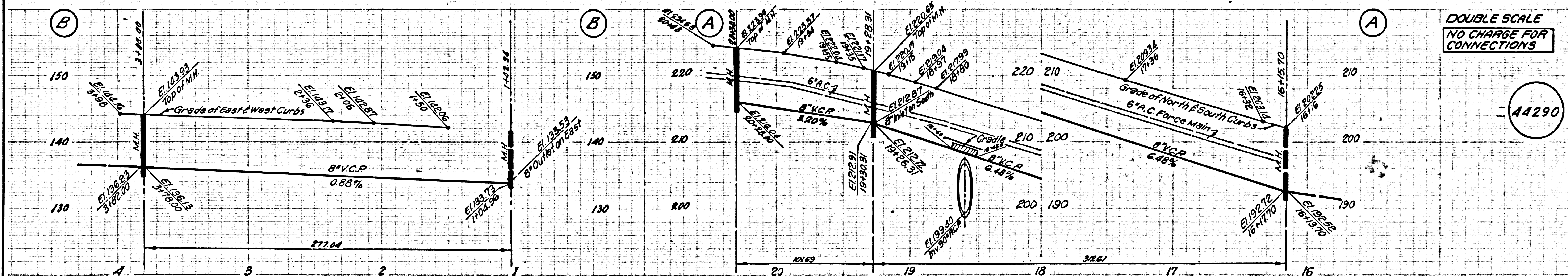


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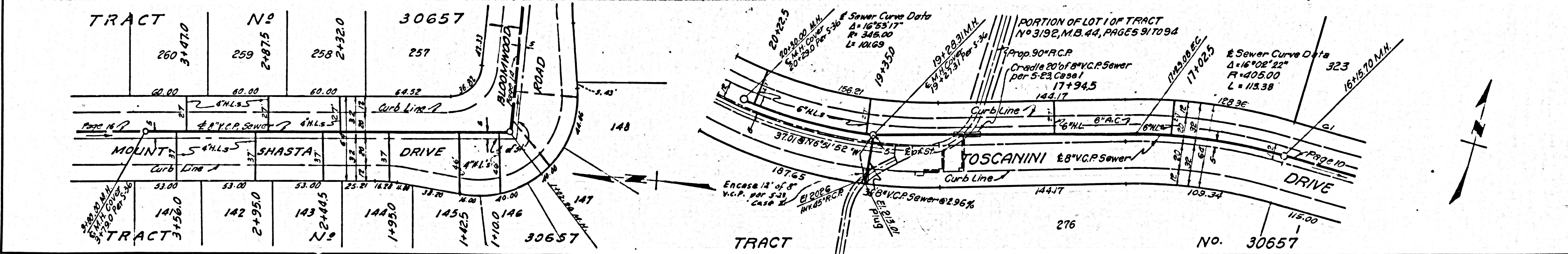


4-8-73 REV. 6-5

DOUBLE SCALE
NO CHARGE FOR
CONNECTIONS



44290



B.M. 7291 ELEV. 229.423
 C.S. MON. FLUSH IN C.S. AT S.W. COR. WESTERN AVE. & TOSCANINI DRIVE 20'S + 85' W. & INTER. M.D. B.M. 35-5A-1564 QUAD. 19 72 ADJ.

INDEX

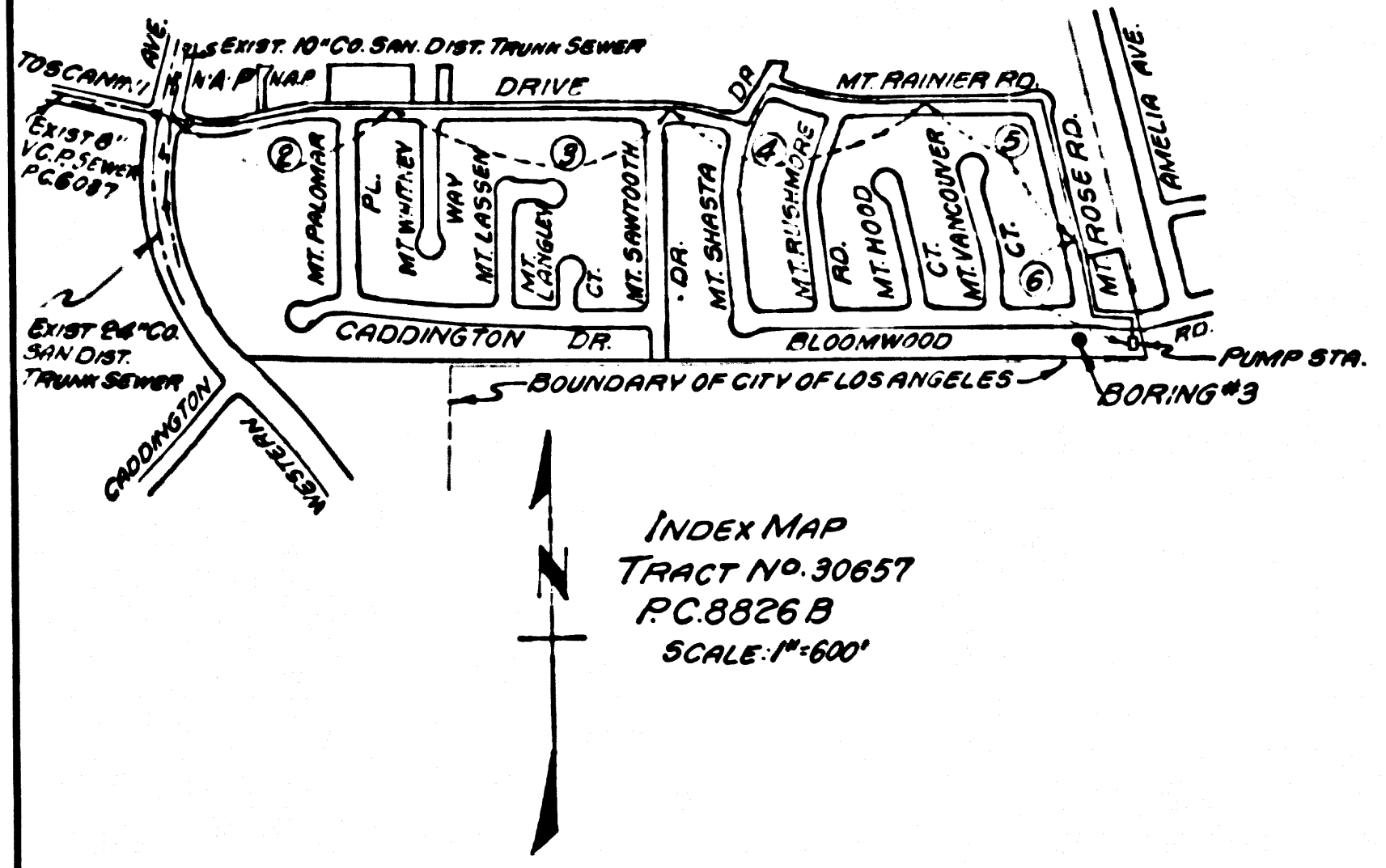
PAGE	DESCRIPTION
1	TITLE, INDEX, NOTES
2	FORCE MAIN PLAN AND PROFILE
3	FORCE MAIN PLAN AND PROFILE
4	FORCE MAIN PLAN AND PROFILE
5	FORCE MAIN PLAN AND PROFILE
6	FORCE MAIN PLAN AND PROFILE, DETAILS
7	PLAT PLAN AND GRADING PLAN
8	MATERIAL SCHEDULE & NOTES
9	PUMP STATION, UPPER & LOWER LEVEL
10	PUMP STATION SECTION
11	STRUCTURAL SECTION
12	CONTROL BUILDING LAYOUT
13	CONTROL BUILDING DETAILS
14	STAIRWAY, SUMMER PIPE SUPPORT DETAIL
15	VENTILATION SYSTEM & WET WELL
16	FIT DOOR DETAILS
17	FENCE & GATE DETAILS
18	ELECTRICAL LAYOUT
19	LANDSCAPE IRRIGATION PLAN
20	HORTICULTURAL PLAN

THE FOLLOWING LATEST REVISED STANDARD PLANS ON FILE IN THE OFFICE OF THE COUNTY ENGINEER SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT:

LEGEND
 1. 1/4" = 1' PUBLIC SANITARY REQUIREMENTS S-1
 2. 1/4" = 1' PUBLIC SANITARY REQUIREMENTS S-2
 3. 1/4" = 1' PUBLIC SANITARY REQUIREMENTS S-3
 4. 1/4" = 1' PUBLIC SANITARY REQUIREMENTS S-4
 5. 1/4" = 1' PUBLIC SANITARY REQUIREMENTS S-5
 6. 1/4" = 1' PUBLIC SANITARY REQUIREMENTS S-6
 7. 1/4" = 1' PUBLIC SANITARY REQUIREMENTS S-7
 8. 1/4" = 1' PUBLIC SANITARY REQUIREMENTS S-8
 9. 1/4" = 1' PUBLIC SANITARY REQUIREMENTS S-9
 10. 1/4" = 1' PUBLIC SANITARY REQUIREMENTS S-10
 11. 1/4" = 1' PUBLIC SANITARY REQUIREMENTS S-11
 12. 1/4" = 1' PUBLIC SANITARY REQUIREMENTS S-12
 13. 1/4" = 1' PUBLIC SANITARY REQUIREMENTS S-13
 14. 1/4" = 1' PUBLIC SANITARY REQUIREMENTS S-14
 15. 1/4" = 1' PUBLIC SANITARY REQUIREMENTS S-15
 16. 1/4" = 1' PUBLIC SANITARY REQUIREMENTS S-16
 17. 1/4" = 1' PUBLIC SANITARY REQUIREMENTS S-17
 18. 1/4" = 1' PUBLIC SANITARY REQUIREMENTS S-18
 19. 1/4" = 1' PUBLIC SANITARY REQUIREMENTS S-19
 20. 1/4" = 1' PUBLIC SANITARY REQUIREMENTS S-20

FULL COMPLIANCE WITH SECTION 308-1 & 3 OF THE SPECIAL PROVISIONS WILL BE REQUIRED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL COMPARISON AND SAND EQUIVALENTS BY A QUALIFIED REGISTERED TESTING LABORATORY SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PERMIT ACCEPTANCE.

REVISION: PAGE 9, STA 38+15.5
 STA 40+95 - ADD 1/2" WALL ROUND 12" STEEL PIPE ENCASED IN 6" CONC. WATER CROSSINGS DETAIL
 APPROVED: [Signature] E.C. 8-18-57



LOMITA BLDG. DIST. NO. 12

PROFILE ALIGNMENT AND GRADE OF
SANITARY SEWERS PAGE 1
 TO BE CONSTRUCTED IN
 TRACT NO. 30657

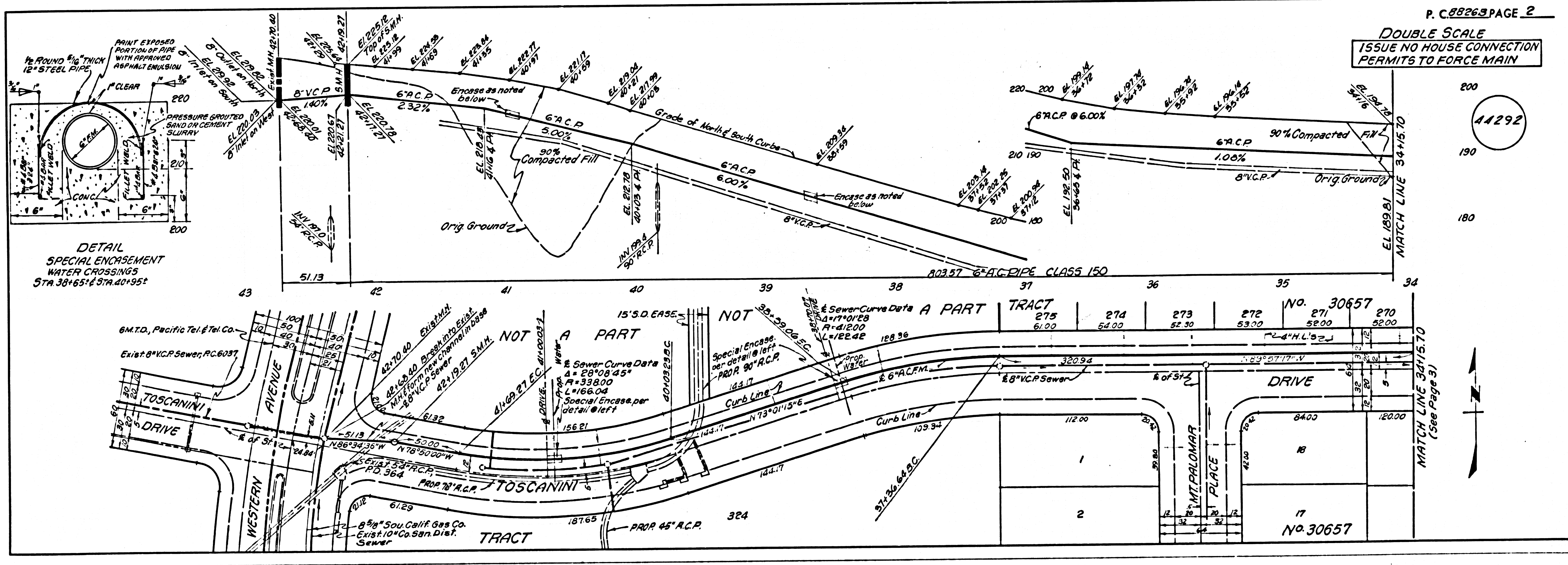
PRIVATE CONTRACT NO. 88268

W.S.
 16 SHEETS, 19 PAGES
 SCALE: HORIZ. 1" = 40' VERT. 1" = 4' AUGUST, 1978
 PREPARED BY THE OFFICES OF
 E.L. DEARSON AND ASSOCIATES
 151 W. REDONDO BEACH BOULEVARD
 GARDENA, CALIFORNIA, 90247
 REG. C. E. NO. 17062

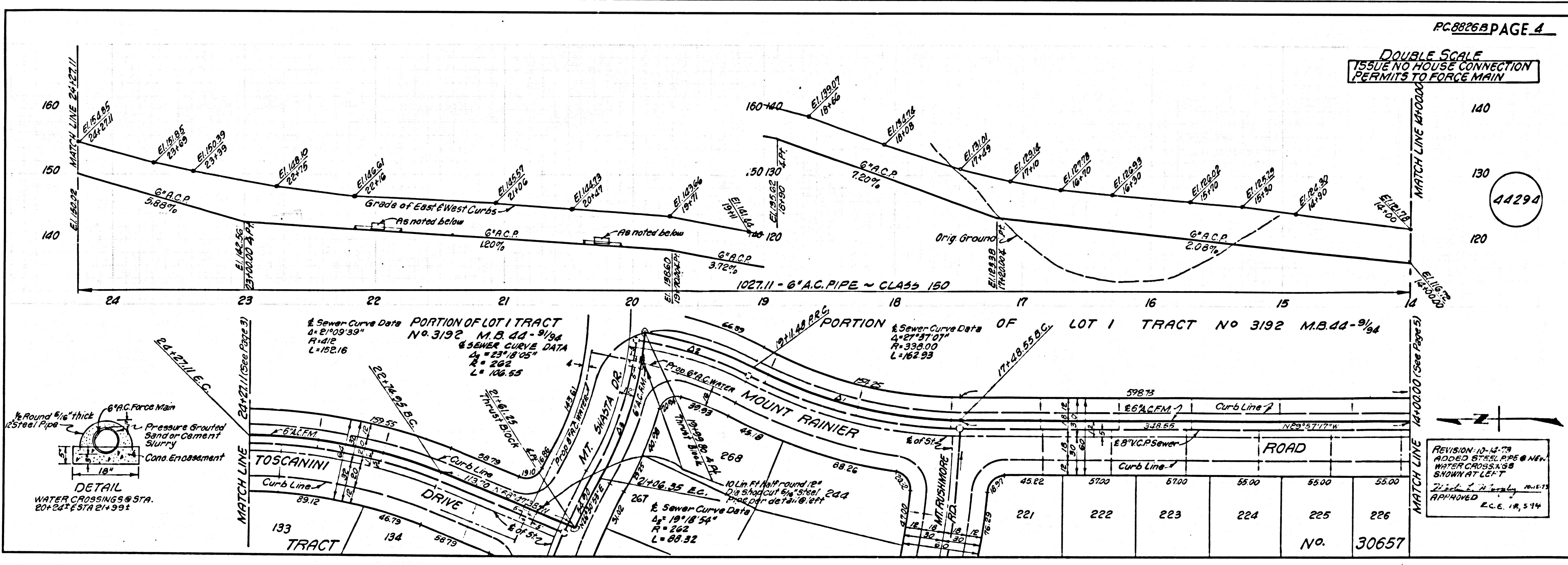
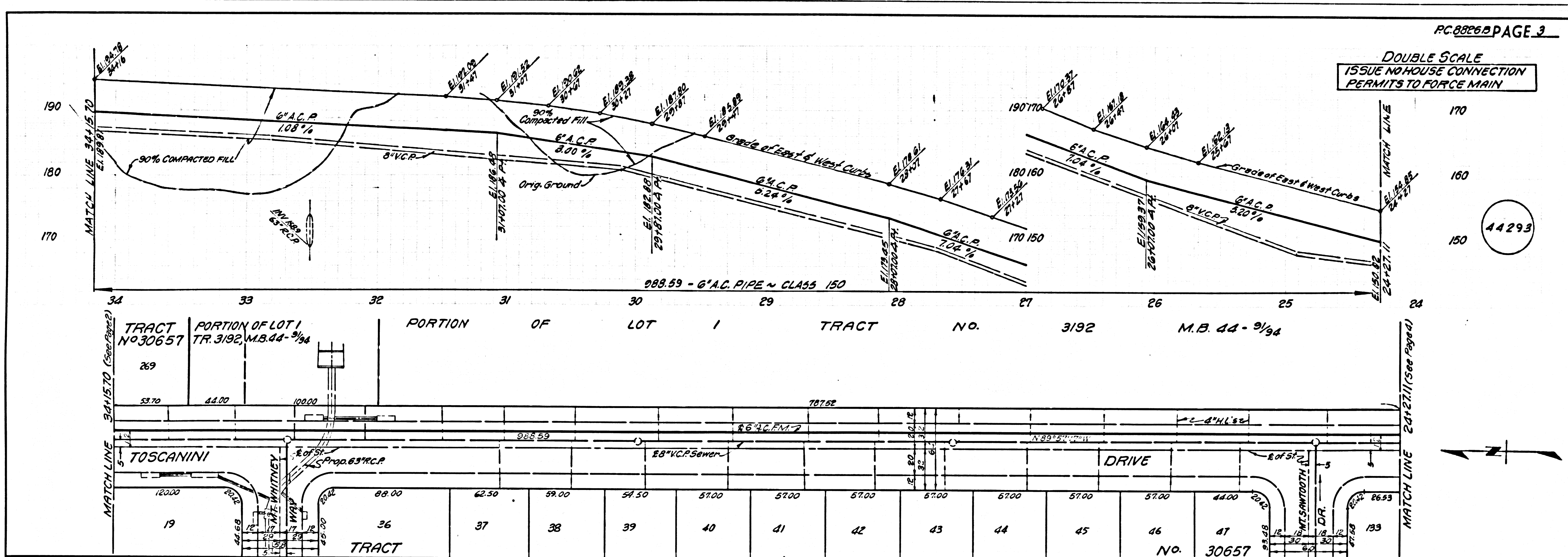
NOTICE TO CONTRACTOR
 THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY LINES OR STRUCTURES SHOWN ON THESE PLANS ARE SHOWN BY CIRCLES ON PROFILES. AT ALL POINTS BETWEEN DESIGNATED POINTS THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND MARKING ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE CITY OF LOS ANGELES AND THE COUNTY OF LOS ANGELES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE CITY OF LOS ANGELES AND THE COUNTY OF LOS ANGELES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE CITY OF LOS ANGELES AND THE COUNTY OF LOS ANGELES.

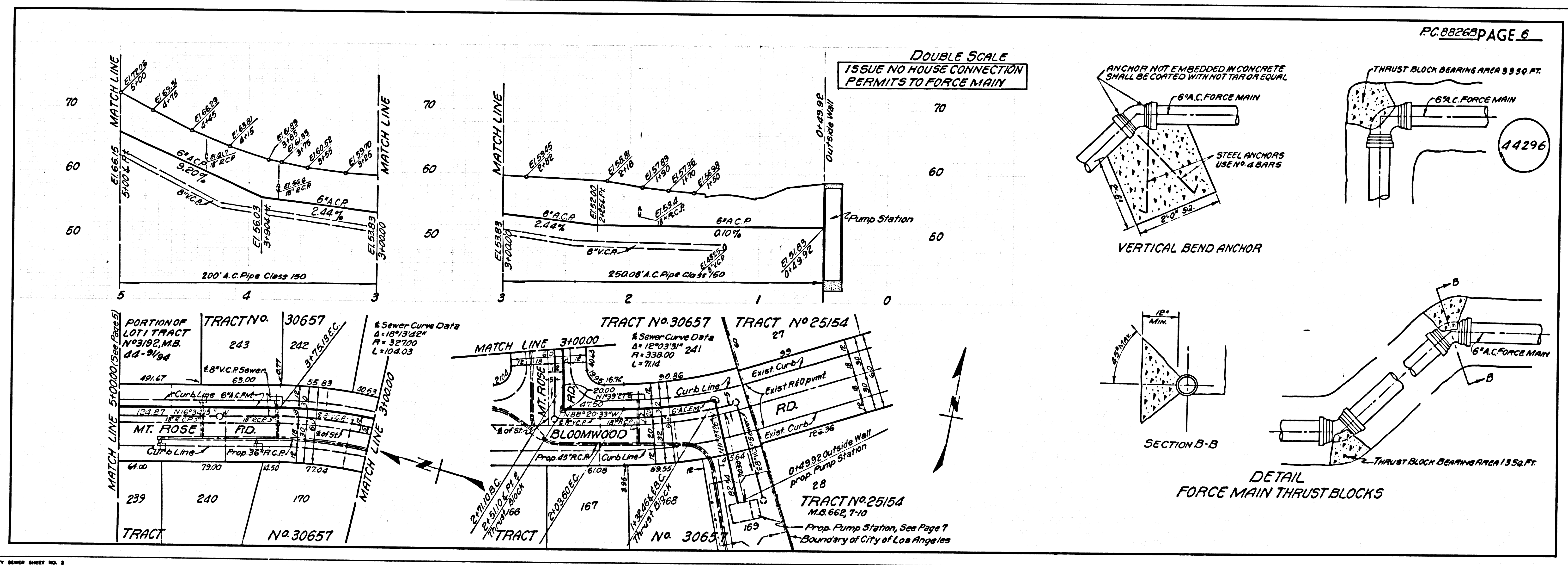
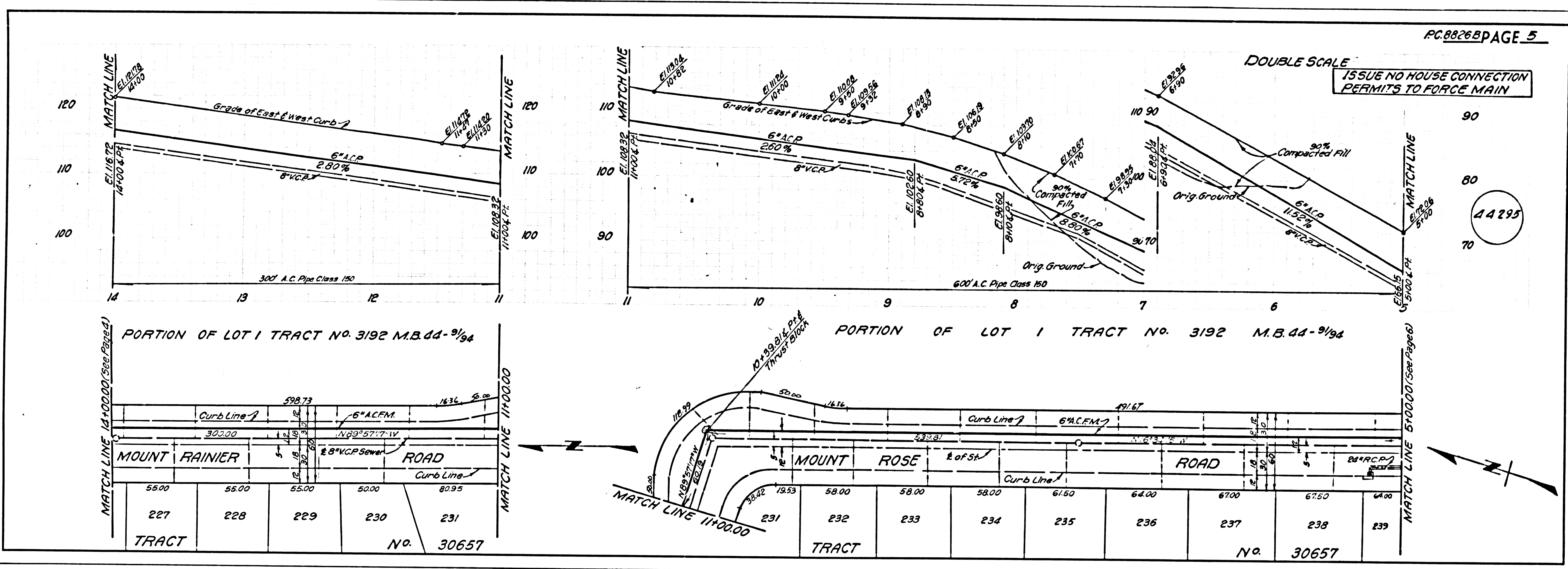
COUNTY OF LOS ANGELES, CALIFORNIA
 HARVEY TERAMONT COUNTY ENGINEER J. D. PARKHURST, CHIEF ENGINEER
 APPROVED BY: [Signature] 5-8-73 APPROVED BY: [Signature] 5-8-73
 COUNTY ENGINEER COUNTY ENGINEER
 CHECKED BY: [Signature] 5-7-73
 J.N. 025002

ISSUE NO HOUSE CONNECTION PERMITS

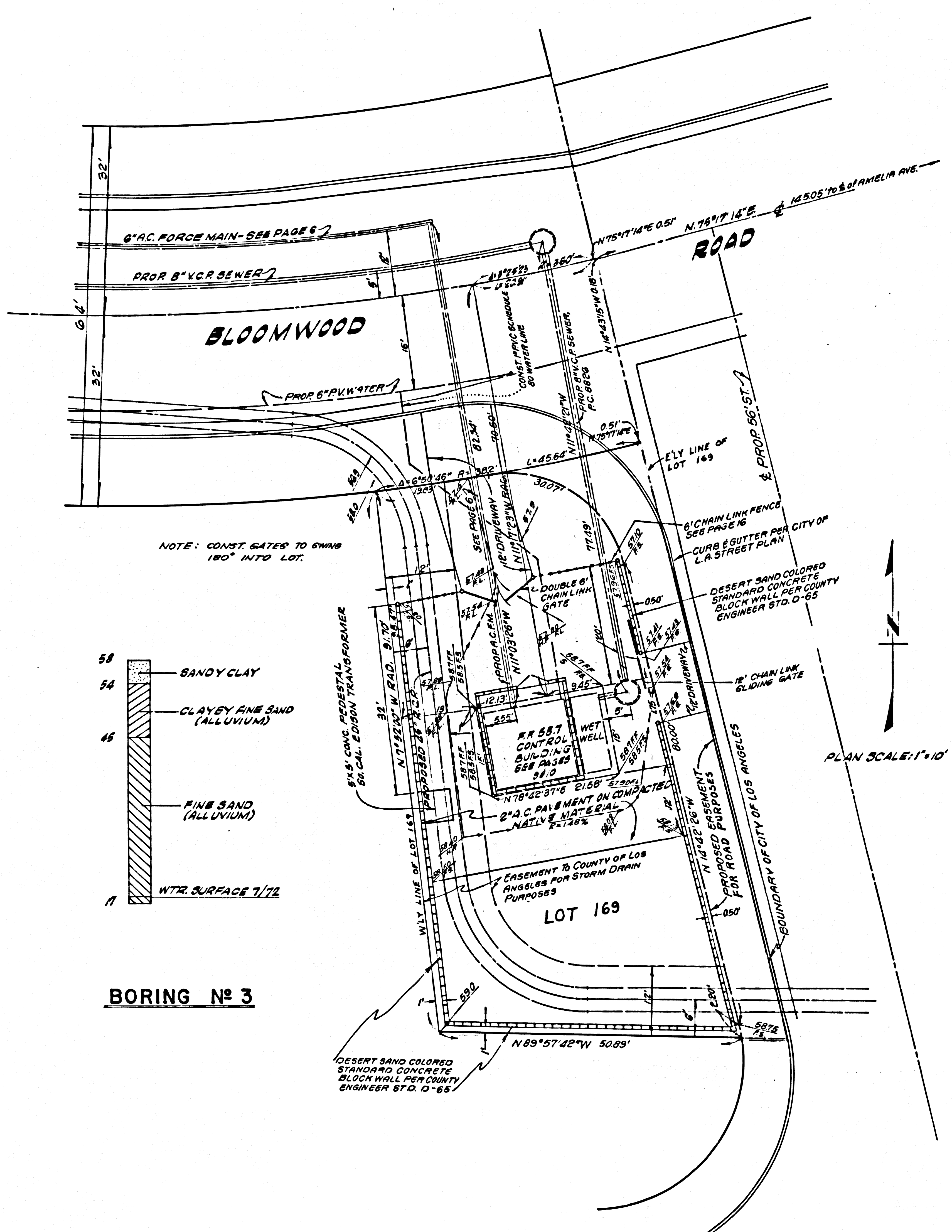


DOUBLE SCALE
 ISSUE NO HOUSE CONNECTION PERMITS TO FORCE MAIN

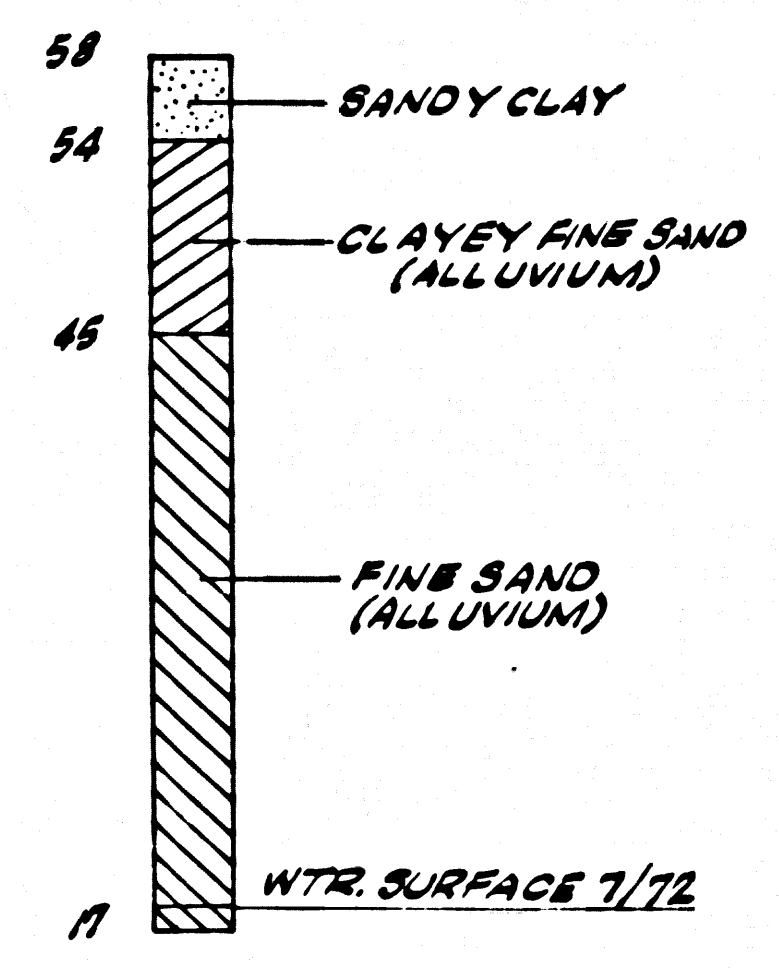




44297



NOTE: CONST GATES TO SHAW 180' INTO LOT.



BORING No. 3

PLAN SCALE: 1"=10'

REVISION: 10-8-73 RELOCATED WALL EAST SIDE, ADDED DRIVEWAY AND GATE EAST SIDE AND ADDED PROP ST. 4-26-74 REV. GRADE AND CHANGED EAST GATE.
 APPROVED _____

TRACT NO. 30657		
SEWAGE PUMP STATION		
P. C. 8826B	J.N.025002	
PLOT PLAN		
&		
GRADING PLAN		
COUNTY OF LOS ANGELES CALIFORNIA		
HARVEY T. BRANDT	COUNTY ENGINEER	
SCALE AS SHOWN	DATE: AUGUST, 1972	PAGE 7 OF 18 PAGES

PLUMBING MATERIAL SCHEDULE & QUANTITIES

NO.	DESCRIPTION OF ITEM	AMOUNT	UNIT
1	WEMCO THERMOTIGHT PUMP MODEL EV-1114 1/2" MOTOR 1/4" DISCHARGE 10 1/2" TDY @ 230 CFM	4	EA
2	NO. ELECTRICAL MOTOR, VERTICAL SHAFT SHAFT MOTOR, 25 HP @ 1750 RPM AND K, 3/8", WITH EXTERIOR MOUNTING BASE	4	EA
3	EBOD QUINCY 1.325 TWO STAGE AIR COOLED REFRIGERATING COMPRESSOR UNIT MOUNTED ON A 20" X 30" X 6" HORIZONTAL AIR TAKE ABOVE THE MOTOR 4" X 6" X 1/2" (440-30) REFRIGERANT R-22 1/2" BOLT CLAMP, 4" X 6" X 1/2" GALVANNEED AIR CHAMBER BY 1/80" C.I.P. 1/2" X 1/2" X 1/2" FLANGED WALL SUPPORTS AS SHOWN	1	EA
4	5/8" X 1/2" X 1/2" C.I.P. MOTOR MOUNTED 1/2" FROM WALL AS SHOWN	1	EA
5	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING 1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING 1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	1	EA
6	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	1	EA
7	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	1	EA
8	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	1	EA
9	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	1	EA
10	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	1	EA
11	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	1	EA
12	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	1	EA
13	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	1	EA
14	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	1	EA
15	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	1	EA
16	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	1	EA
17	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	1	EA
18	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	1	EA
19	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	1	EA
20	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	1	EA
21	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	1	EA
22	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	1	EA
23	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	1	EA
24	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	1	EA
25	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	1	EA
26	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	1	EA
27	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	1	EA
28	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	1	EA
29	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	10	EA
30	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	2	EA
31	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	2	EA
32	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	3	EA
33	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	5.0	EA
34	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	1	EA
35	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	1	EA
36	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	1	EA
37	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	1	EA
38	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	1	EA
39	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	1	EA
40	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	12	EA
41	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	1	EA
42	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	1	EA
43	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	6	EA
44	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	1	EA
45	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	1	EA
46	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	1	EA
47	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	1	EA
48	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	1	EA
49	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	4	EA
50	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	1	EA
51	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	1	EA
52	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	1	EA
53	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	1	EA
54	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	1	EA
55	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	1	EA
56	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	1	EA
57	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	0.6	EA
58	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	1	EA
59	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	1	EA
60	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	1	EA
61	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	2	EA
62	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	1	EA
63	1/2" X 1/2" X 1/2" C.I.P. BALL BEARING HOUSING	2	EA

GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS.
2. THE FINISHING EQUIPMENT MANUFACTURERS REPRESENTATIVE SHALL SUPERVISE THE INSTALLATION, STARTING AND TESTING OF THE EQUIPMENT.
3. ALL CONSTRUCTION SHALL BE INTERFERE-FREE THERE SHALL BE NO TRAIL OF WATER LINES AND FLOOR FINISH UPON COMPLETION OF THE PROJECT.
4. ALL WORK AND MATERIALS TO BE GUARANTEED FOR NOT LESS THAN ONE (1) YEAR.
5. CONCRETE SHALL BE PORTLAND CEMENT CONCRETE AND SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS.
6. GRAVITY AND BACKFILL SHALL BE COMPACTED TO 90% RELATIVE DENSITY. BACKFILL SHALL NOT BE COMPACTED BY TAMPING, BULGING OR FITTING OF ANY OTHER MECHANICAL METHOD WHICH WILL SATISFACTION THE SOIL.
7. BACKFILL SHALL BE FROM THE MATERIAL EXCAVATED OR SHALL BE A SUFFICIENT MATERIAL APPROVED BY THE COUNTY ENGINEER.
8. ALL CONTRACTS AND PROVISIONS, MATERIALS AND PLACEMENT OF MATERIALS SHALL CONFORM WITH THE COUNTY ENGINEER AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1970 EDITION AS REVISED 1971 AND 1972.

3. ALL FINISHING SHALL BE OBTAINED AND MADE PER BY THE CONTRACTOR.

10. THE CONTRACTOR SHALL CARRY ALL MATERIALS AND EQUIPMENT UNTIL SO CONVENIENT METHOD.

11. THE CONTRACTOR SHALL REMOVE AND INSTALL PAINT FOR THE LIFE STATION FROM THE ROOFING CONTRACTOR. ALL PAINT FOR WORK SHALL BE APPLIED IN STRICT ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS AND THE QUALITY CONTROL BUREAU IN THIS AREA.
- 12. WORKERS OF CONTRACTORS AROUND OPERATIONS IN CONCRETE SHALL BE PROHIBITED. DIMENSIONS AND QUALITY SHALL BE DETERMINED FOR CONCRETE, FORMS AND ALL OPERATIONS SHALL BE DETERMINED PER THE COUNTY ENGINEER AND FROM MANUFACTURERS BREAD DIMENSIONS.
- 13. ALL OPERATIONS SHALL BE MADE IN THIS PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
- 14. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE IMMEDIATELY 24 HRS. BEFORE, AT LEAST TWENTY FOUR (24) HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
- 15. REPAIRS SHALL BE MADE IMMEDIATELY UPON NOTICE TO THE COUNTY ENGINEER.
- 16. ALL STATE AND LOCAL HEALTH SAFETY DEGREES TO BE STRICTLY ENFORCED.

DIALER ALARM NOTES

1. CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS WITH THE TELEPHONE COMPANY TO HAVE A TELEPHONE INSTALLED AT THE LOCATION SHOWN.
2. THE TELEPHONE DIALER UNIT SHALL BE A MARK 8000 EMERGENCY AUTOMATIC TELEPHONE DIALER, AS MANUFACTURED BY THE TRO. CONSTRUCTION COMPANY.
3. THE DIALER SHALL BE MOUNTED ON AN INTERIOR WALL OF THE DRY WELL AND SET TO ACTIVATE AT A WATER LEVEL OF 13.50.
4. THE WET WELL ALARM ELECTRODES SHALL BE MOUNTED IN AN INTERIOR WALL OF THE WET WELL AND SET TO ACTIVATE AT A WATER LEVEL OF 13.50.
5. ALL ELECTRICAL WORK AND EQUIPMENT IN THE WET WELL SHALL BE APPROVED FOR USE IN CLASS I, DIVISION 1, HAZARDOUS LOCATION.
6. THE CONTROL RELAY ASSEMBLY FOR THE WET WELL AND DRY WELL HIGH WATER ALARM SHALL BE MANUFACTURED BY THE TRO. CONSTRUCTION COMPANY. THE RELAY SHALL BE MOUNTED IN A HAZARDOUS LOCATION. THE RELAY SHALL BE MOUNTED IN THE WET WELL OR DRY WELL, IT SHALL BE CONTAINED IN AN EXCLUSION FROM ENCLOSURE.

REGIONAL PLANNING COMMISSION REQUIREMENTS

1. THE PROPERTY SHALL BE MAINTAINED TO PREVENT THE ACCUMULATION OF DEBRIS THEREON.
2. THE FACILITY SHALL BE DEVELOPED IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOS ANGELES COUNTY HEALTH DEPARTMENT.

STRUCTURAL NOTES

1. ALL CONCRETE SHALL BE CAST AND CURED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1970 EDITION AS REVISED 1971 AND 1972.
2. ALL CONCRETE SHALL BE CAST AND CURED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1970 EDITION AS REVISED 1971 AND 1972.

PLUMBING NOTES

1. PIPING IS AND SHALL BE UNLESS OTHERWISE NOTED SHALL BE SCH 40 BLACK PIPE WITH 100 LB ALLOWABLE PER MANUFACTURERS RECOMMENDATIONS.
2. PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1970 EDITION AS REVISED 1971 AND 1972.
3. ALL CONSTRUCTION SHALL BE INTERFERE-FREE THERE SHALL BE NO TRAIL OF WATER LINES AND FLOOR FINISH UPON COMPLETION OF THE PROJECT.
4. ALL WORK AND MATERIALS TO BE GUARANTEED FOR NOT LESS THAN ONE (1) YEAR.
5. CONCRETE SHALL BE PORTLAND CEMENT CONCRETE AND SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS.
6. GRAVITY AND BACKFILL SHALL BE COMPACTED TO 90% RELATIVE DENSITY. BACKFILL SHALL NOT BE COMPACTED BY TAMPING, BULGING OR FITTING OF ANY OTHER MECHANICAL METHOD WHICH WILL SATISFACTION THE SOIL.
7. BACKFILL SHALL BE FROM THE MATERIAL EXCAVATED OR SHALL BE A SUFFICIENT MATERIAL APPROVED BY THE COUNTY ENGINEER.
8. ALL CONTRACTS AND PROVISIONS, MATERIALS AND PLACEMENT OF MATERIALS SHALL CONFORM WITH THE COUNTY ENGINEER AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1970 EDITION AS REVISED 1971 AND 1972.

ELECTRICAL NOTES

1. THE CONTRACTOR SHALL VERIFY AND MAKE ARRANGEMENTS WITH THE SOUTHERN CALIFORNIA Edison COMPANY FOR POWER AND SERVICE.
2. THE ELECTRICAL CONTRACTOR SHALL RUN A 1/2" BARE COPPER AND GROUND WIRE AND ATTACH TO THE WET WELL AT ALL INTERIOR PIPING, FLOOR PLATES AND STEPS.
3. THE ELECTRICAL WORK SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE STATE SAFETY CODES & ALL APPLICABLE LOCAL CODES.
4. CONDUIT SHALL BE RUN IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE STATE SAFETY CODES & ALL APPLICABLE LOCAL CODES.
5. ALL ELECTRICAL EQUIPMENT IN THE WET WELL SHALL BE RATED FOR USE IN CLASS I, DIVISION 1, HAZARDOUS LOCATION.
6. ALL ELECTRICAL EQUIPMENT SHALL CONFORM WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1970 EDITION AS REVISED 1971 AND 1972.

OPERATING REQUIREMENTS

OPERATION SHALL BE EITHER BY MANUAL OR AUTOMATIC CONTROL. UNDER AUTOMATIC CONTROL, THE FIRST STAGE PUMP AND UNIT SHALL START BY ACTIVATION OF THE DRY WELL ALARM. WHEN THE WATER LEVEL IN THE WET WELL REACHES ELEV. 4719.00, THE SECOND STAGE PUMP SHALL START BY MEANS OF A TIME DELAY RELAY. BOTH UNITS SHALL CONTINUE TO RUN A MINIMUM OF 5 MINUTES, OR UNTIL THE WATER LEVEL IN THE WET WELL IS RAISED TO ELEV. 4719.00. THE WET WELL SHALL BE FLOWED BY THE SECOND STAGE PUMP. THE WET WELL SHALL BE FLOWED BY THE SECOND STAGE PUMP. THE WET WELL SHALL BE FLOWED BY THE SECOND STAGE PUMP.

PAINTING REQUIREMENTS SCHEDULE

1. THE CONTRACTOR SHALL REMOVE AND INSTALL PAINTING FOR THE LIFE STATION FROM THE ROOFING CONTRACTOR. ALL PAINT FOR WORK SHALL BE APPLIED IN STRICT ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS AND THE QUALITY CONTROL BUREAU IN THIS AREA.
2. WORKERS OF CONTRACTORS AROUND OPERATIONS IN CONCRETE SHALL BE PROHIBITED. DIMENSIONS AND QUALITY SHALL BE DETERMINED FOR CONCRETE, FORMS AND ALL OPERATIONS SHALL BE DETERMINED PER THE COUNTY ENGINEER AND FROM MANUFACTURERS BREAD DIMENSIONS.
3. ALL OPERATIONS SHALL BE MADE IN THIS PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
4. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE IMMEDIATELY 24 HRS. BEFORE, AT LEAST TWENTY FOUR (24) HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
5. REPAIRS SHALL BE MADE IMMEDIATELY UPON NOTICE TO THE COUNTY ENGINEER.
6. ALL STATE AND LOCAL HEALTH SAFETY DEGREES TO BE STRICTLY ENFORCED.

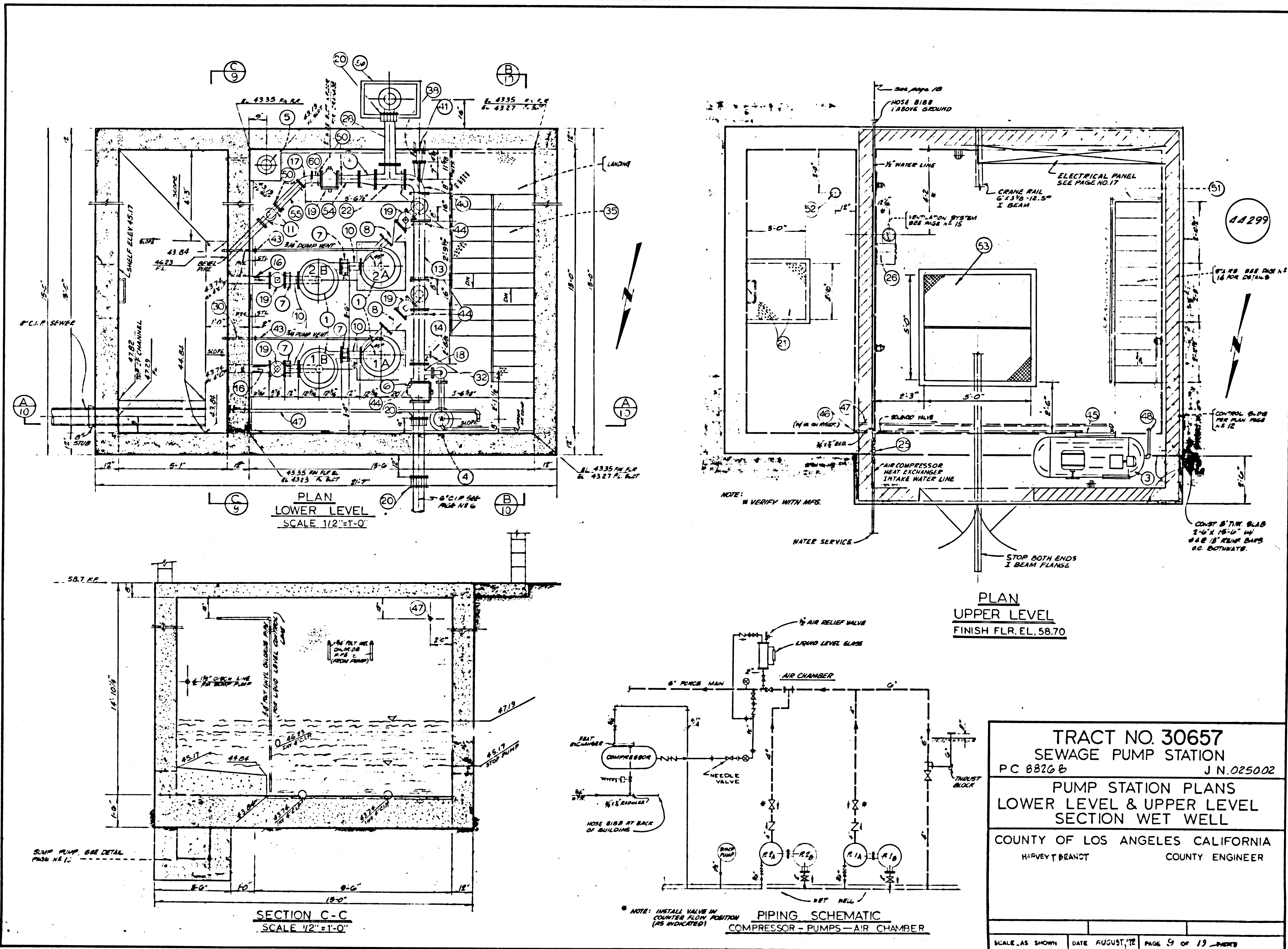
TRACT NO. 30657
SEWAGE PUMP STATION
P.C. 8826B J.N. 0250.02

MATERIAL SCHEDULE AND NOTES

COUNTY OF LOS ANGELES CALIFORNIA
HARVEY T. BRANDT COUNTY ENGINEER

SCALE AS SHOWN DATE: AUGUST 1972 PAGE 8 OF 19 PAGES

44298



PLAN LOWER LEVEL
SCALE 1/2"=1'-0"

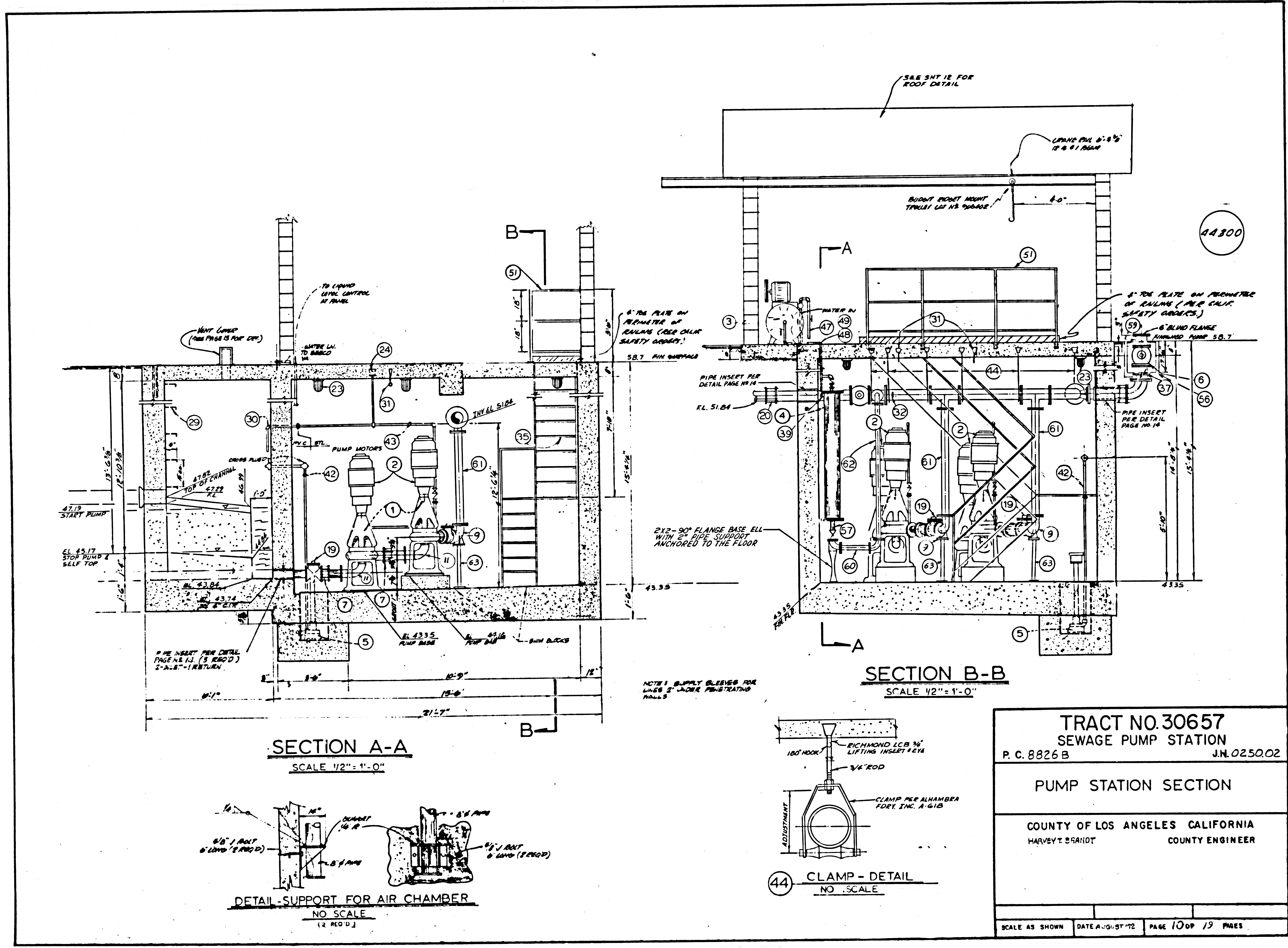
PLAN UPPER LEVEL
FINISH FLR. EL. 58.70

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

PIPING SCHEMATIC
COMPRESSOR - PUMPS - AIR CHAMBER

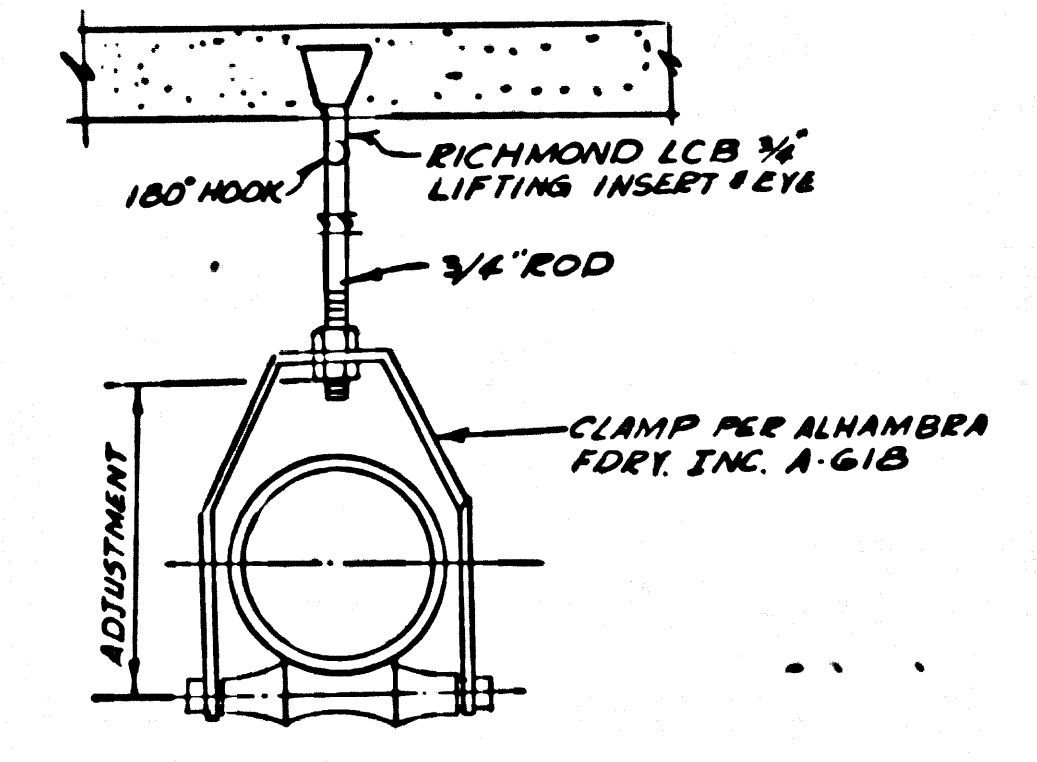
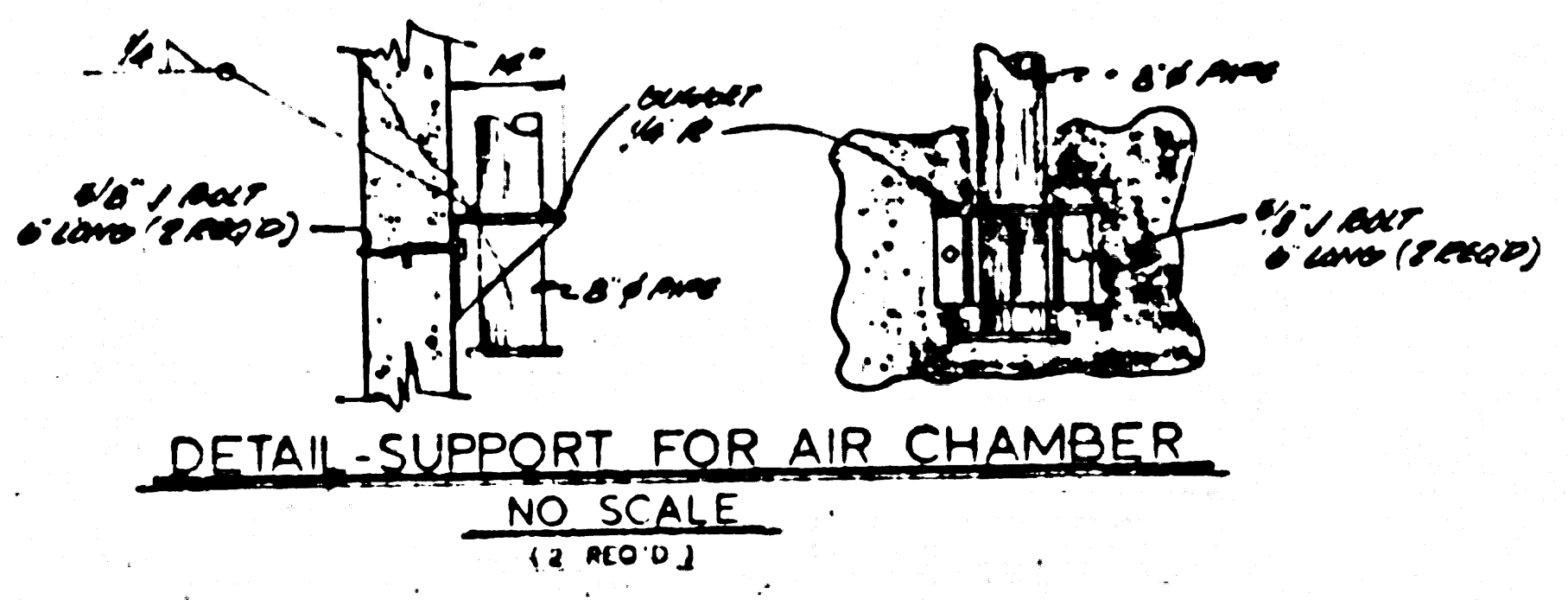
TRACT NO. 30657	
SEWAGE PUMP STATION	
PC 8826 B	J N. 025002
PUMP STATION PLANS	
LOWER LEVEL & UPPER LEVEL	
SECTION WET WELL	
COUNTY OF LOS ANGELES CALIFORNIA	
HARVEY T. BRANCO	COUNTY ENGINEER
SCALE AS SHOWN	DATE AUGUST 1978
PAGE 9 OF 13 SHEETS	

* NOTE: INSTALL VALVE IN COUNTER FLOW POSITION (AS INDICATED)

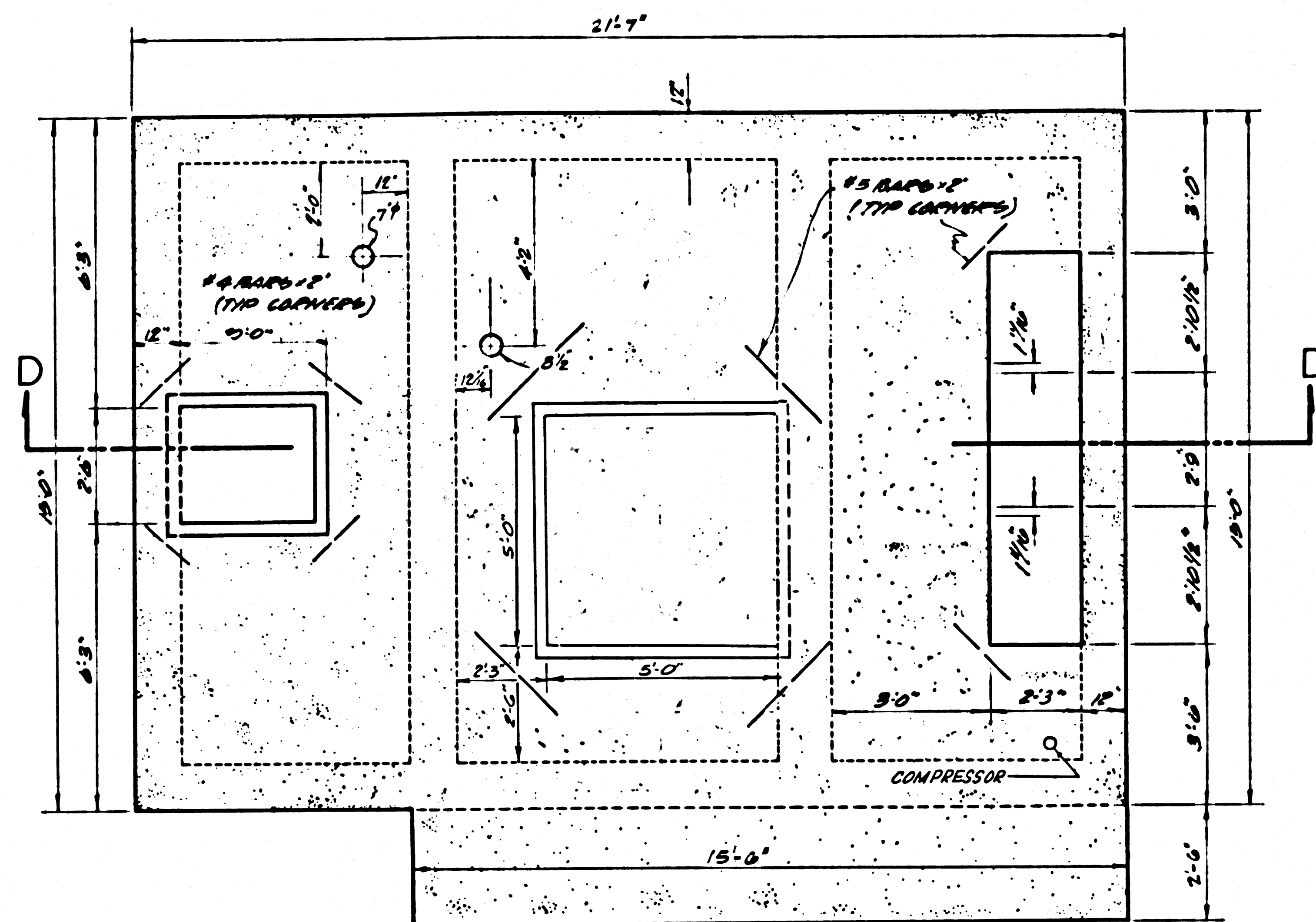


SECTION A-A
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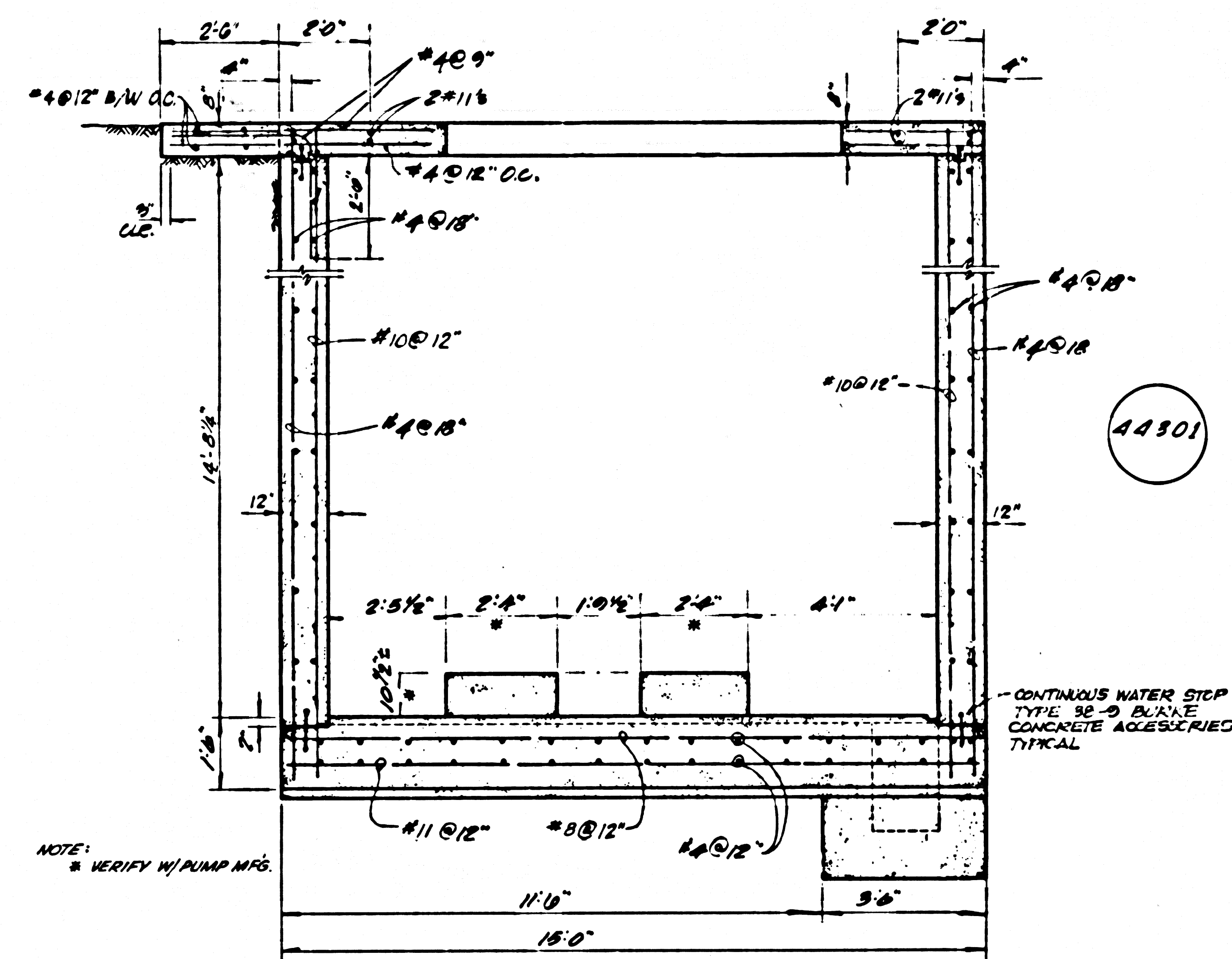
SECTION B-B
SCALE 1/2" = 1'-0"



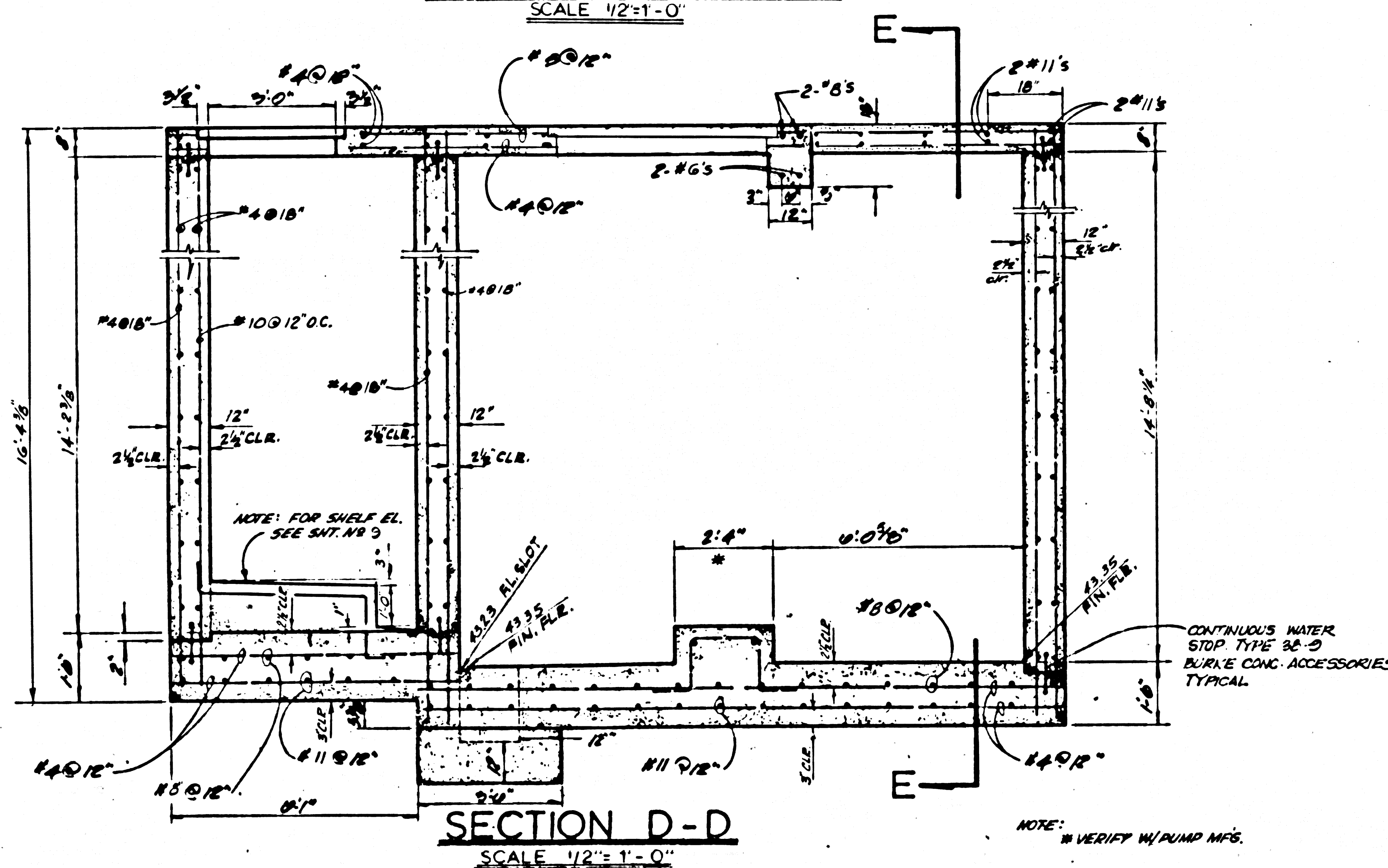
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SEWAGE PUMP STATION	
P. C. 8826 B	J.N. 0250.02
PUMP STATION SECTION	
COUNTY OF LOS ANGELES CALIFORNIA	
HARVEY T. BRADY	COUNTY ENGINEER
SCALE AS SHOWN	DATE: 1-31-72
PAGE 10 OF 19 PAGES	



PLAN UPPER LEVEL
SCALE 1/2" = 1'-0"



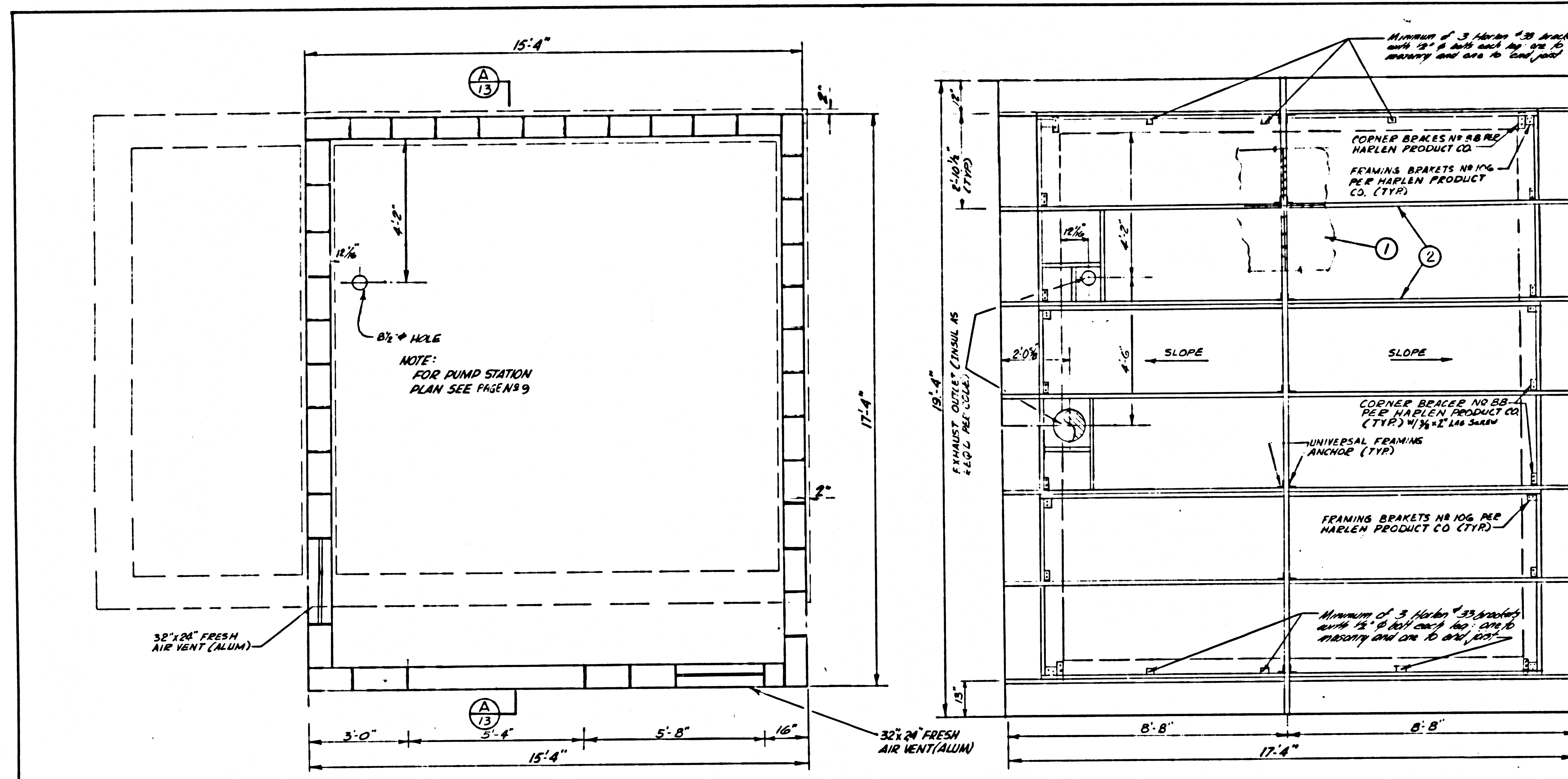
SECTION E-E
SCALE 1/2" = 1'-0"



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

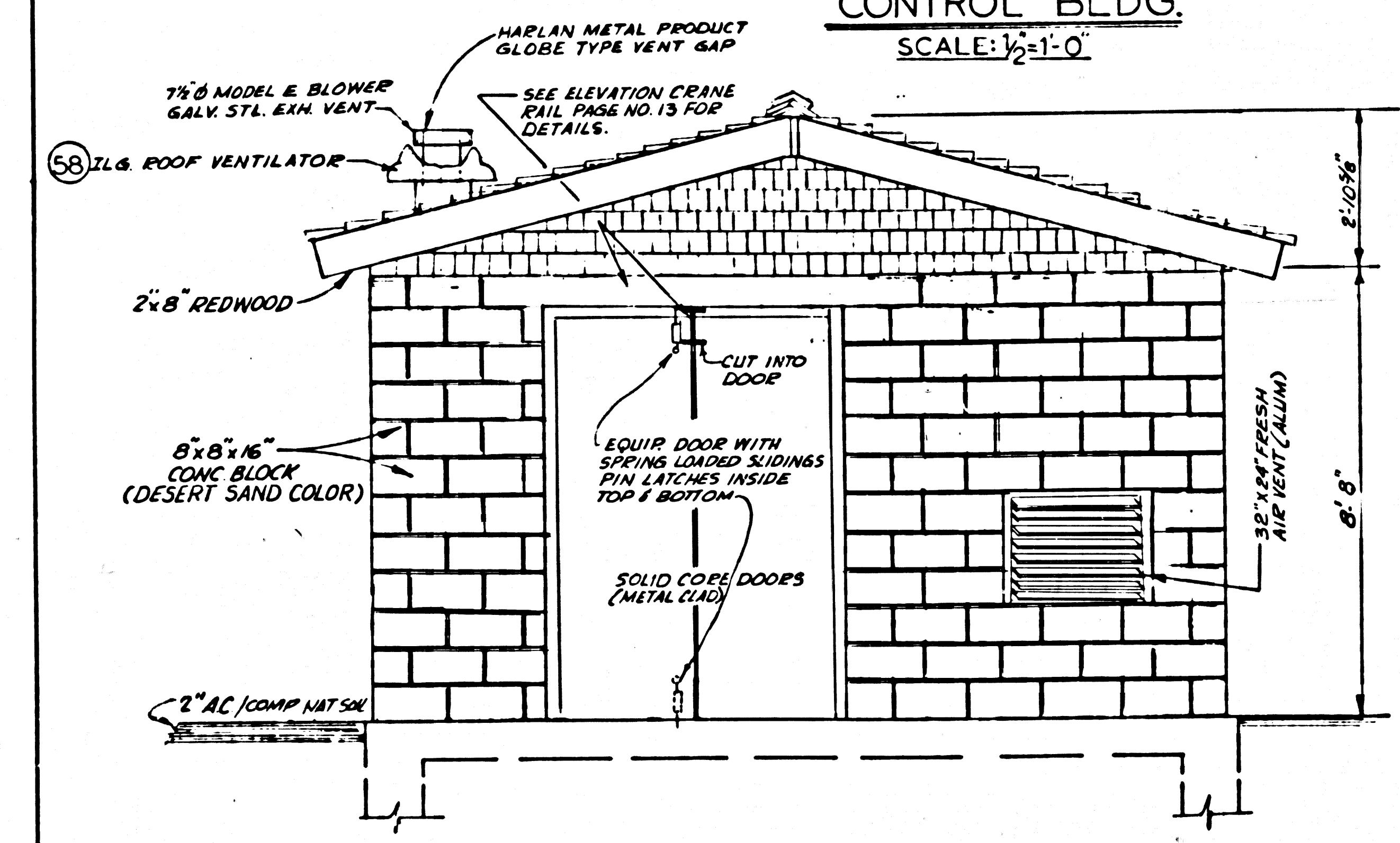
DESIGN CRITERIA
 F_s = 20,000 PSI R=10
 F_c = 3,000 PSI
 F_c = 1,350 PSI
 V = 90 PSI = U = 300 PSI
 (DEFORMED BARS COMPLYING WITH
 A.S.T.M. A-305-66T)

TRACT NO. 30657 SEWAGE PUMP STATION		
P. C. 8826 B	J.N. 0250.02	
STRUCTURAL SECTIONS		
COUNTY OF LOS ANGELES CALIFORNIA		
HARVEY T. BRANDT	COUNTY ENGINEER	
SCALE AS SHOWN	DATE AUGUST, '78	PAGE 11 OF 13 SHEETS



PLAN CONTROL BLDG.
SCALE: 1/2"=1'-0"

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



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

SPECIFICATIONS

CONCRETE MASONRY
 MASONRY UNITS SHALL BE GRADE A UNITS CONFORMING TO ASTM SPEC. C90-52. CEMENT SHALL CONFORM TO ASTM SPEC. C150-52. MORTAR SHALL BE FRESHLY PREPARED & UNIFORMLY MIXED IN RATIO 1 PART CEMENT, 1/4 PART LIME PUTTY, 3 1/2 PARTS SAND & SHALL CONFORM TO ASTM SPEC. C270-52T.
 GROUT SHALL BE OF FLUID CONSISTENCY & MIXED IN RATIO 1 PART CEMENT, 3 PARTS SAND, OR 1 PART CEMENT, 2 PARTS SAND, 2 PARTS PEA GRAVEL. REINFORCING BARS SHALL CONFORM TO ASTM SPEC. 15-52 & A 305-50 FOR DEFORMED STEEL BARS.
 JOINTS SHALL BE OF THE BEST QUALITY WORKMANSHIP & WALLS SHALL BE TRUE & PLUMB. JOINTS SHALL BE NOMINAL 3/8 THICK & SHALL BE TOOKED WITH A ROUND BAR TO PRODUCE A CONCAVE JOINT. MORTAR JOINTS SHALL BE CLEAN, STRAIGHT & UNIFORM IN THICKNESS.
 ABOVE EACH OPENING A #5 HORIZONTAL BAR SHALL BE INSTALLED WITH EACH END EXTENDING A MINIMUM OF 2 FEET BEYOND OPENING. THE HORIZONTAL COURSE SHALL BE GROUTED SOLID.

CONSTRUCTION NOTES

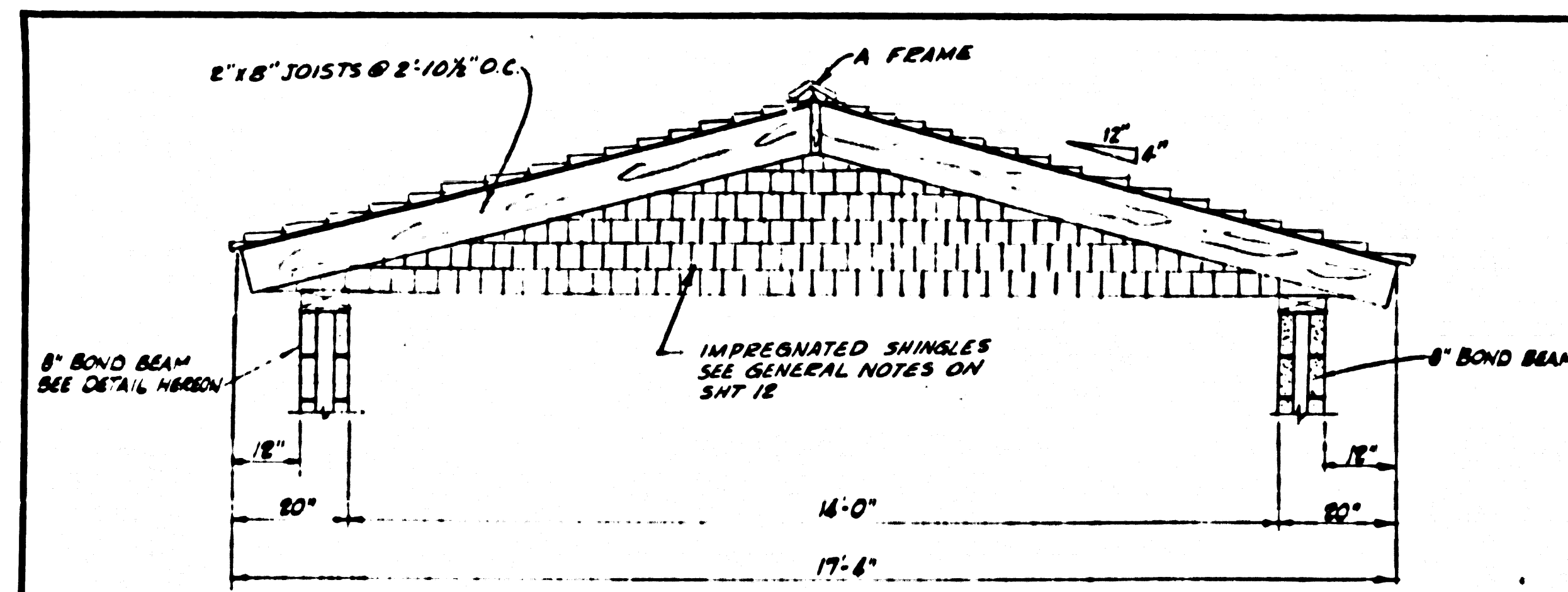
- ① 3/8 THK C.D. EXTERIOR GRADE PLYWOOD ROOF SHEATHING SHALL BE LAID LENGTHWISE ACROSS CEILING JOISTS WITH SOLID BLOCKING AT ALL JOINTS & TO BE NAILED WITH 6d NAILS 6" O.C. AT PANEL EDGES & 12" O.C. AT INTERMEDIATE SUPPORTS.
- ② 2x8 CEILING JOIST 2'-10 1/2" O.C.

44302

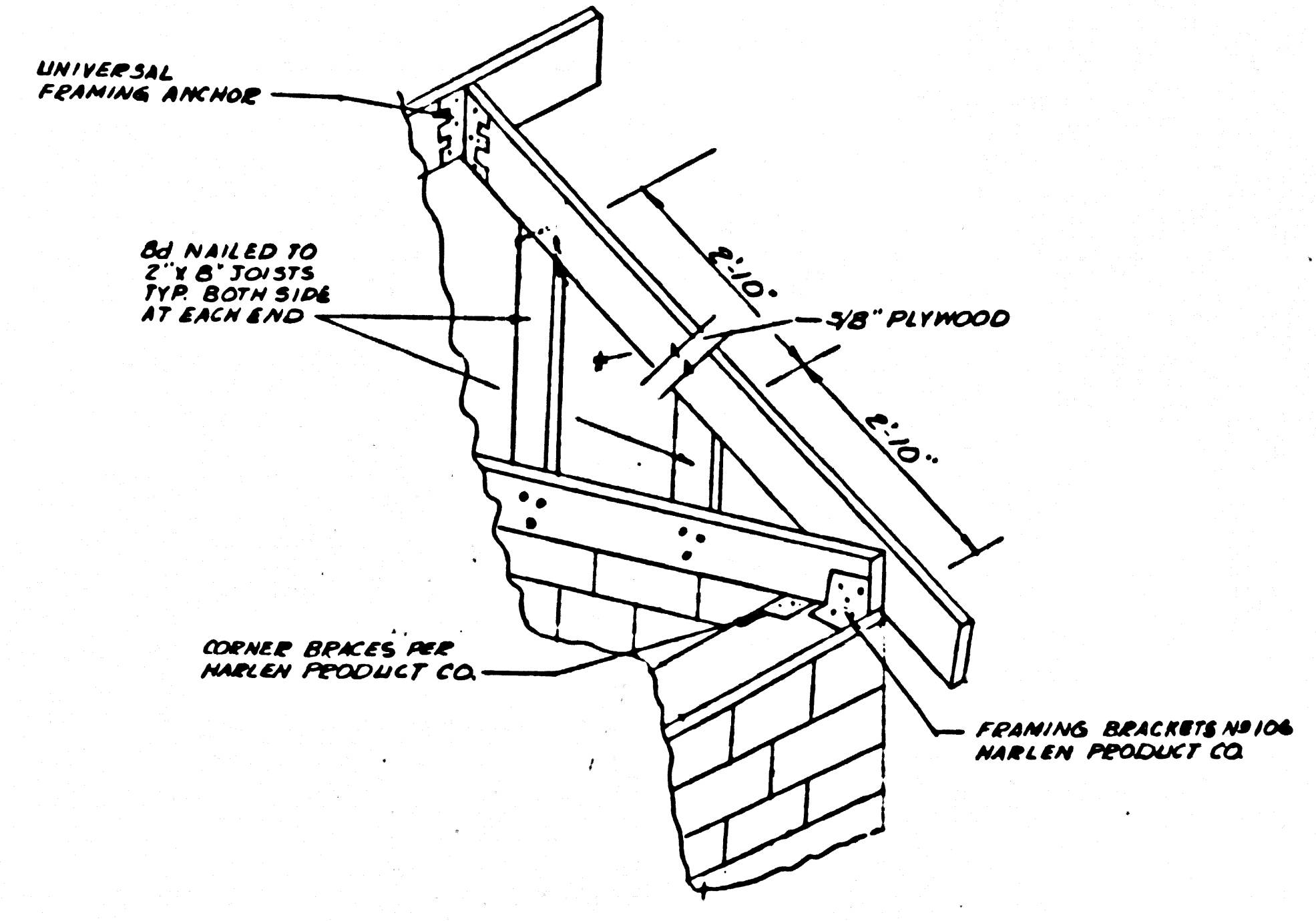
GENERAL NOTES

1. PROVIDE DOORS WITH SARGENT CYLINDER DOOR LOCKS B-7745 MASTER KEYED U-657M
2. ALL STRUCTURAL LUMBER (2x10 HEADER, RAFTERS, SOLID BLOCKING, ETC.) TO BE CONSTRUCTION GRADE 5-4S DOUGLAS FIR OR BETTER.
3. CONTINUOUS INSPECTION BY A REGISTERED DEPUTY BUILDING INSPECTOR SHALL BE MAINTAINED DURING THE PLACING OF ALL CONCRETE.
4. IMPREGNATED SHINGLES SHALL BE CERTAINTED HALLMARK (GOLDEN TAN) 380 POUNDS PER SQUARE CLASS C.

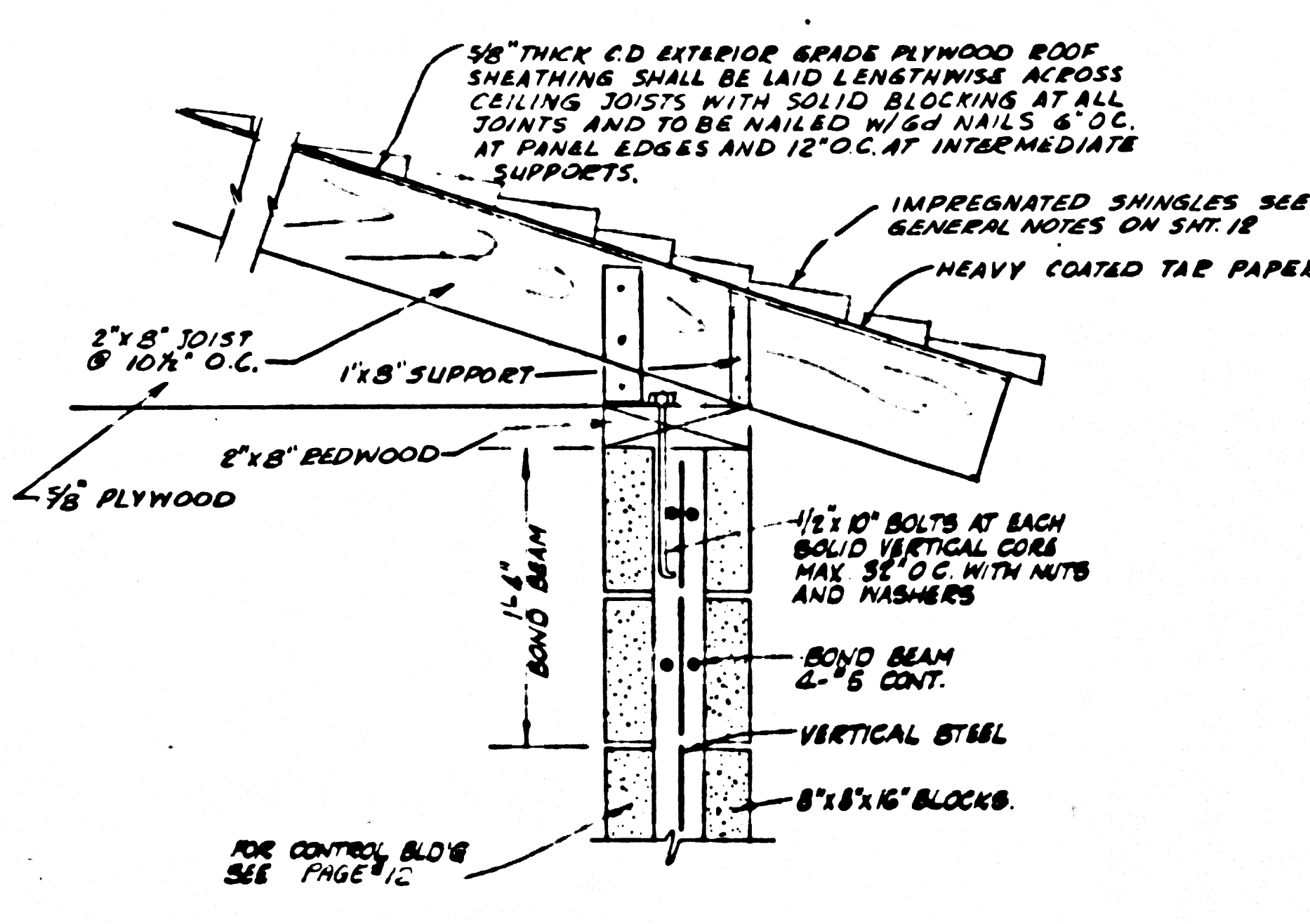
TRACT NO. 30657	
SEWAGE PUMP STATION	
P.C. 8826B	J.N. 0250.02
CONTROL BUILDING PLAN	
COUNTY OF LOS ANGELES, CALIFORNIA HARVEY T. BRANDT COUNTY ENGINEER	
SCALE AS SHOWN	DATE AUGUST, '72
PAGE 12 OF 19 PAGES	



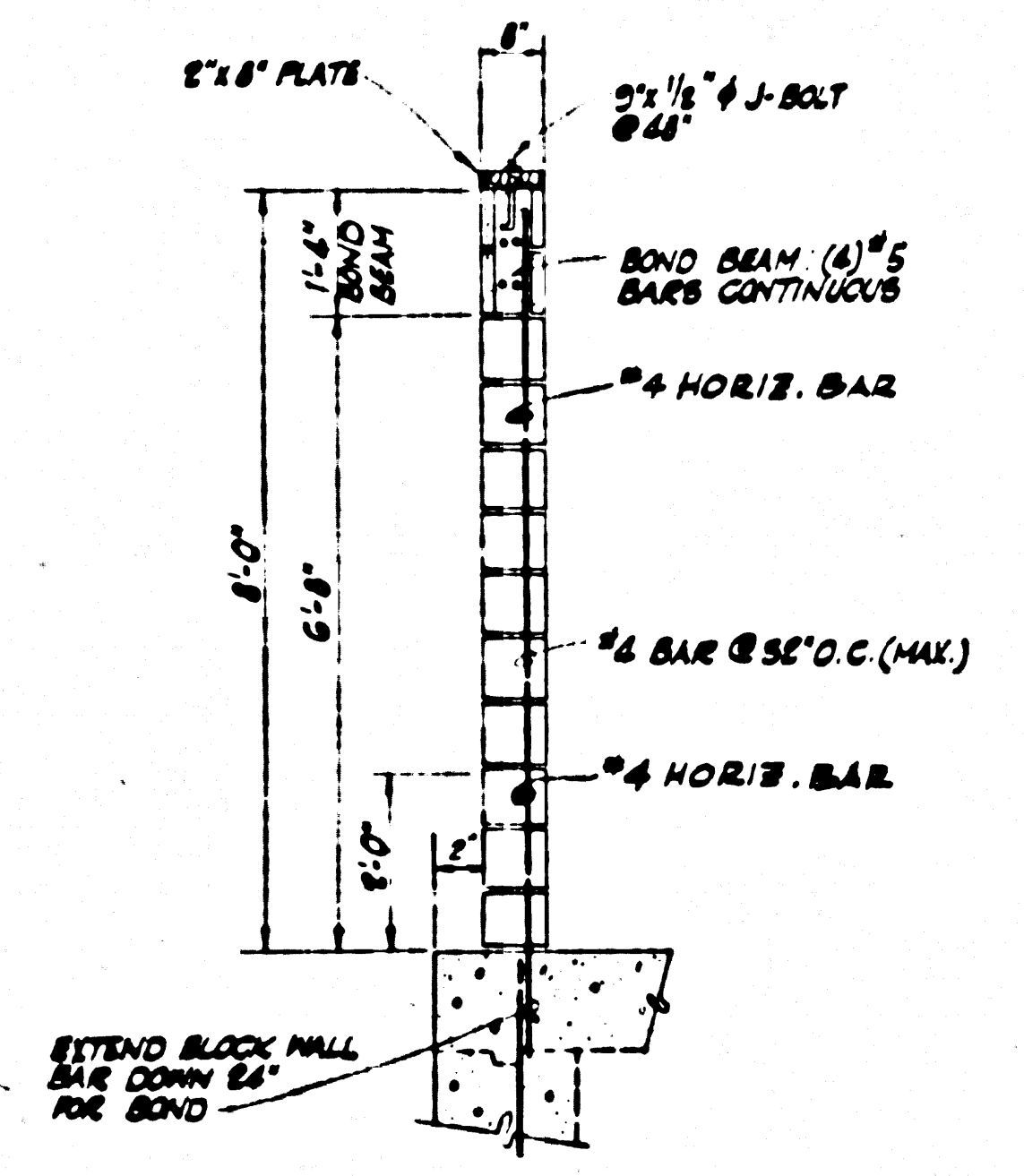
SECTION A-A
SCALE: 1/2" = 1'-0"



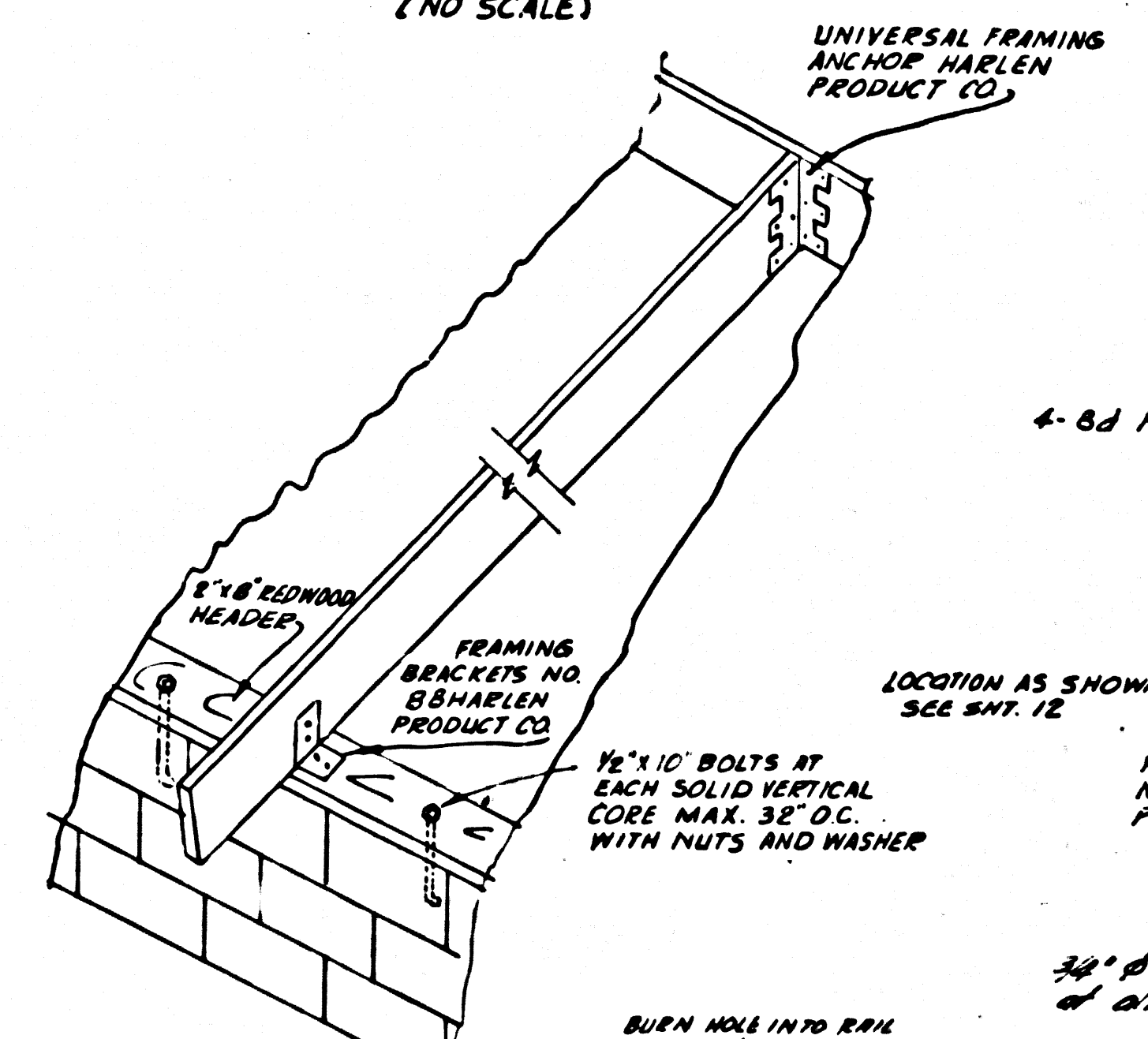
END ANCHOR FRAME DETAIL
(NO SCALE)



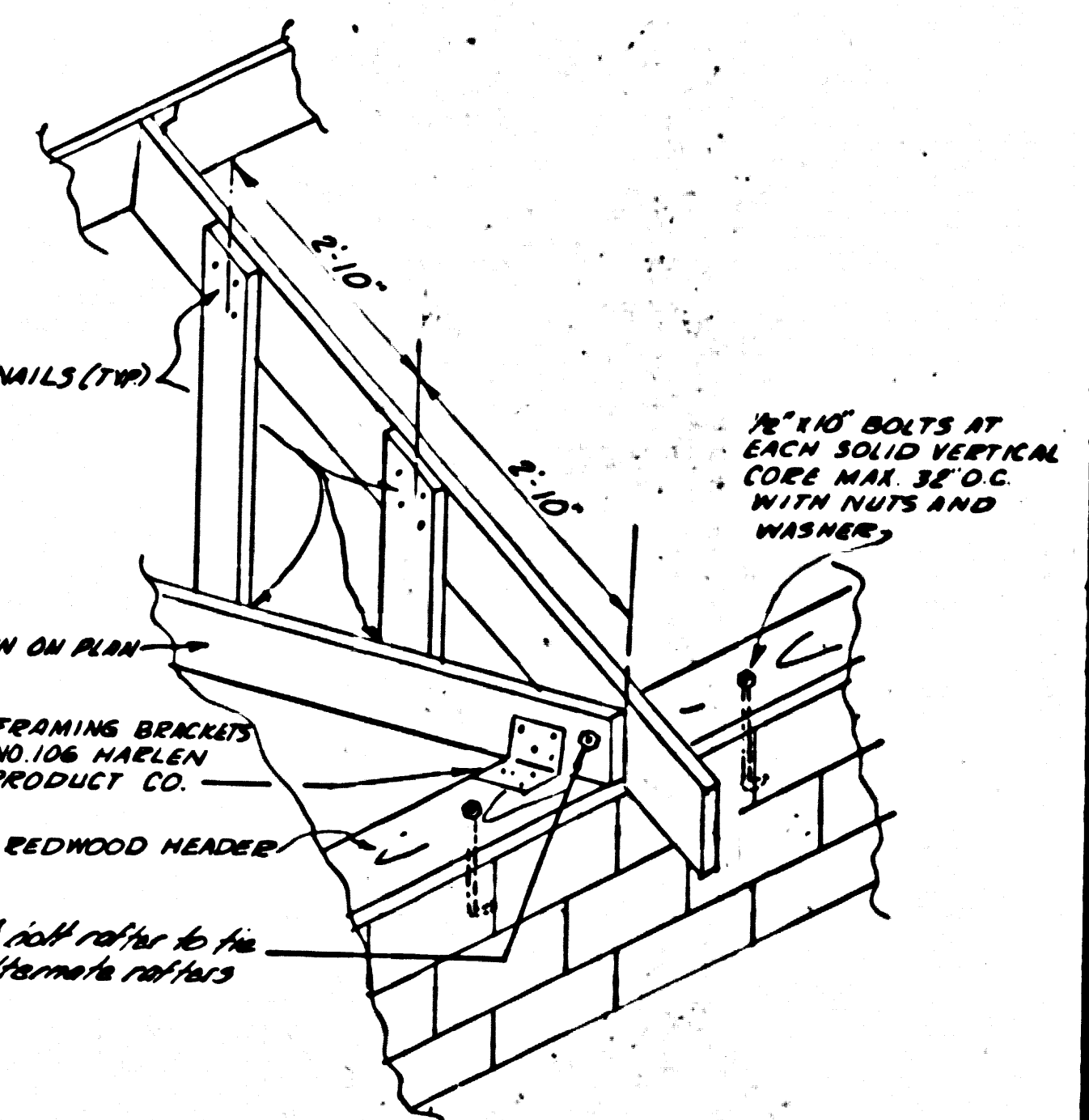
DETAIL A
NOT TO SCALE



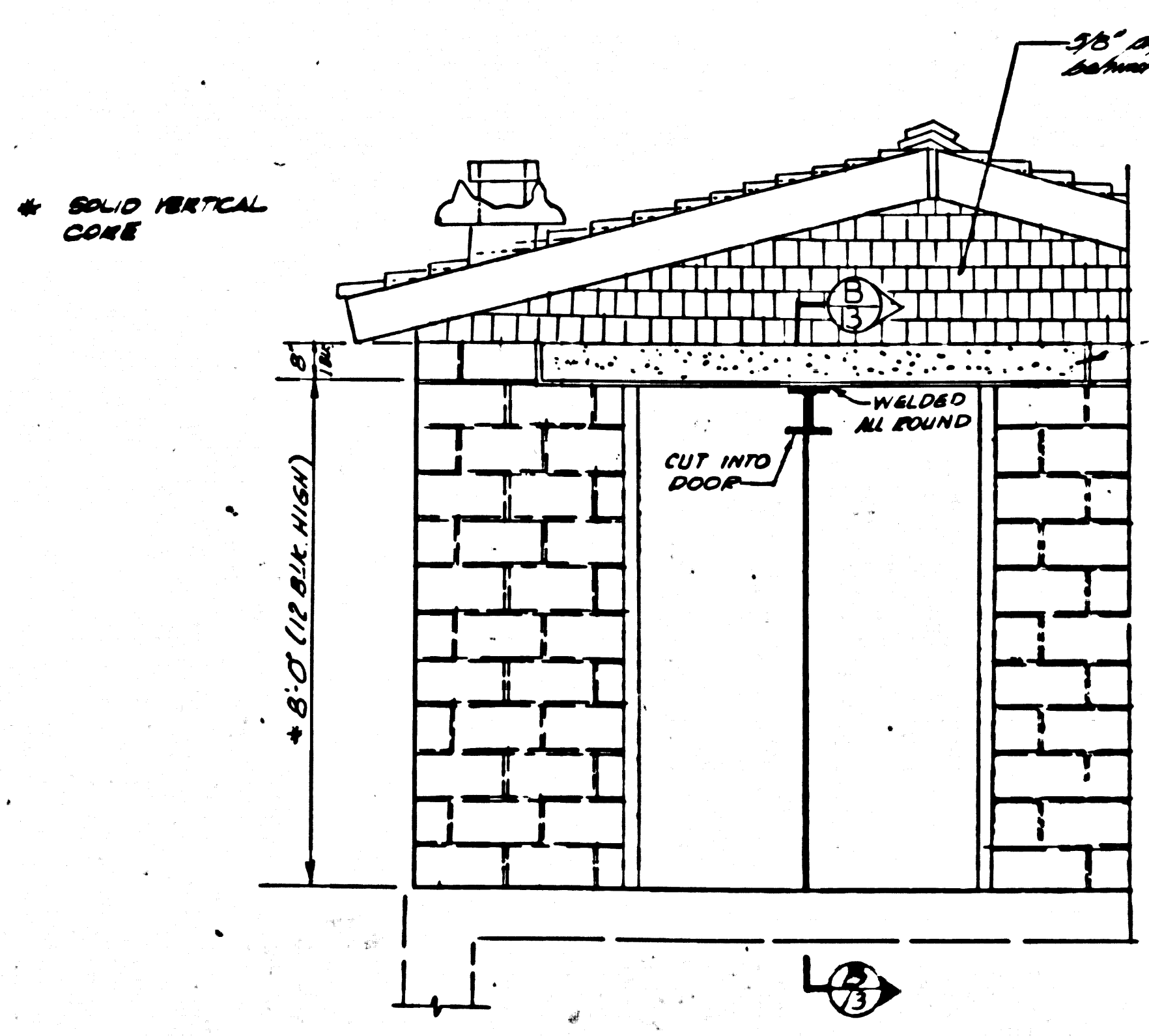
TYPICAL WALL SECTION
SCALE: 1/2" = 1'-0"



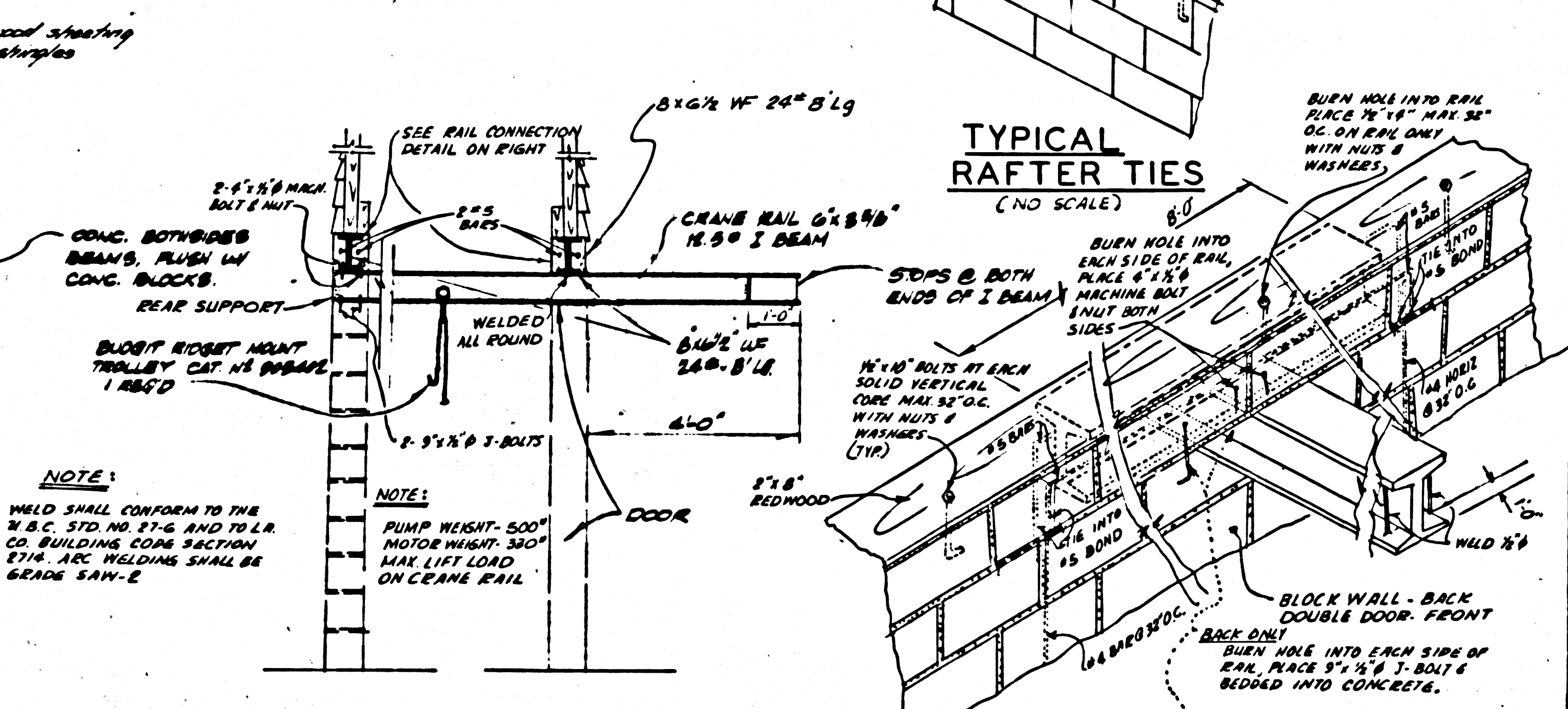
TYPICAL RAFTER TIES
(NO SCALE)



GABLE WALL FRAMING DETAIL
(NO SCALE)



ELEVATION CRANE RAIL
SCALE: 1/2" = 1'-0"



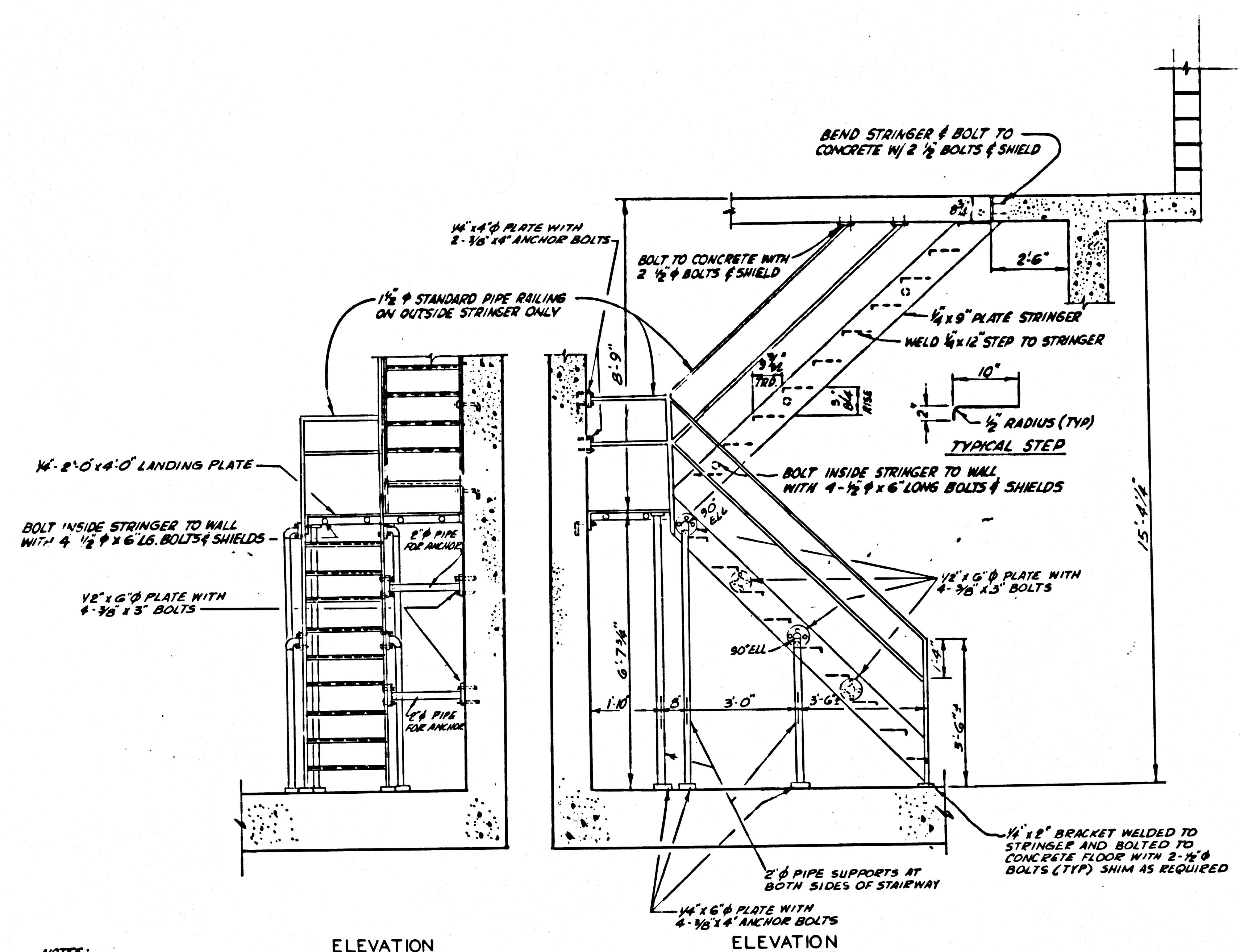
RAIL CONNECTION DETAIL
(NO SCALE)

NOTE:
WELD SHALL CONFORM TO THE A.B.C. STD. NO. 374 AND TO L.R. CO. BUILDING CODE SECTION 8716. ARC WELDING SHALL BE BEHIND SHEATHING.

NOTE:
PUMP WEIGHT: 500#
MOTOR WEIGHT: 500#
MAX. LIFT LOAD ON CRANE RAIL

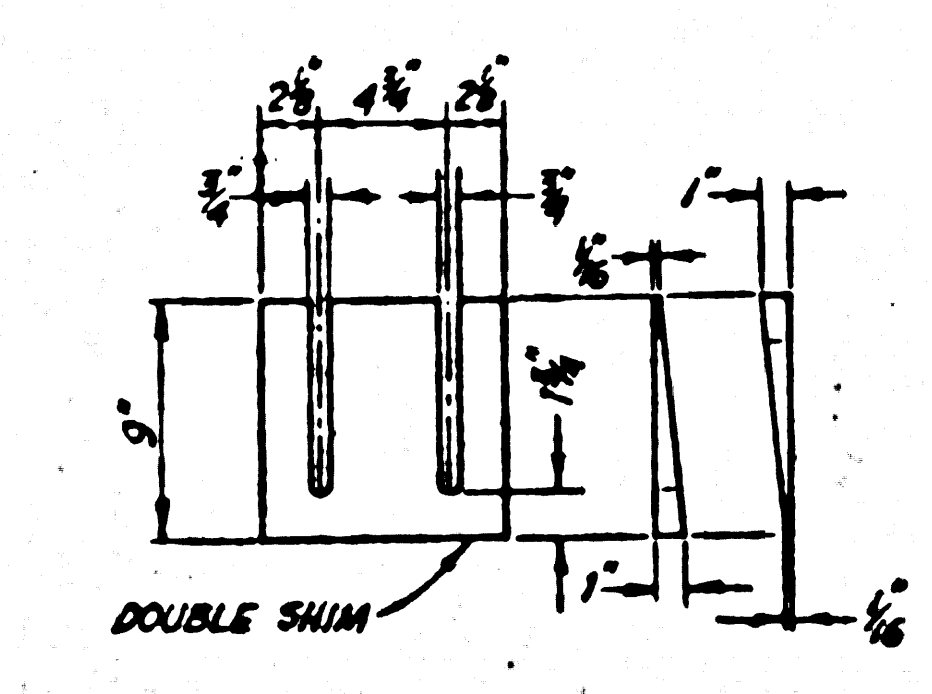
44303

TRACT NO. 30657	
SEWAGE PUMP STATION	
P. C. 8226B	J. N. 0250.02
CONTROL BUILDING DETAILS	
COUNTY OF LOS ANGELES CALIFORNIA	
HARVEY T. BRANDT	COUNTY ENGINEER
SCALE AS SHOWN	DATE AUGUST '72
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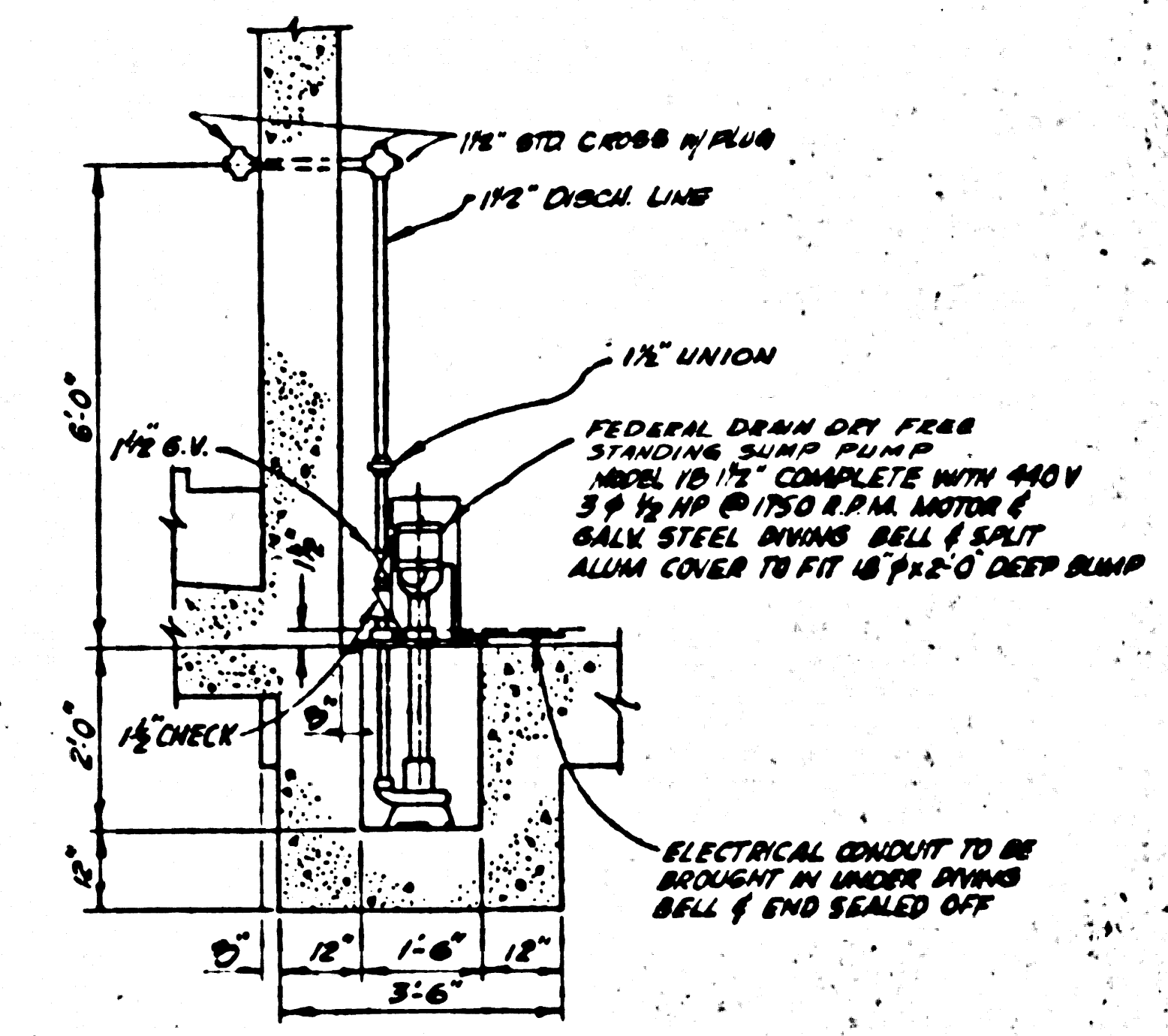
- NOTES:**
1. STAIRWAY RAILINGS TO BE FABRICATED FROM 1 1/2" STANDARD PIPE
 2. RAILINGS & STAIRWAYS TO BE HOT DIPPED GALVANIZED AFTER FABRICATION AS PER ASTM-A123
 3. STEPS & LANDINGS SHALL HAVE DIAMOND TREAD OR EQUIVALENT SKID RESISTANT SURFACE
 4. STAIRWAY & RAILINGS CONSTRUCTION & DIMENSIONS TO BE FIELD CHECKED PRIOR TO FABRICATION

DETAIL OF STAIRS
SCALE: 1/2"=1'-0"

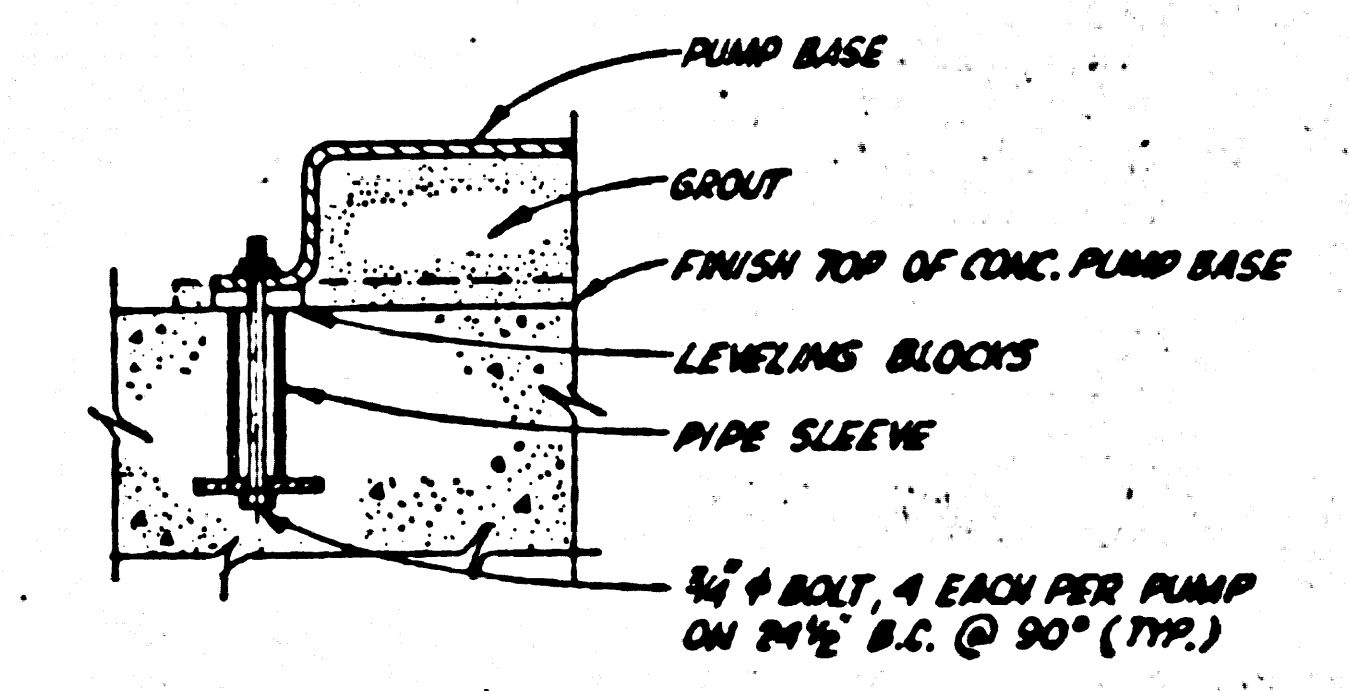


DETAIL OF SHIM BLOCKS
SCALE: 1 1/2"=1'-0"

PIPE INSERT DETAIL
SCALE: 1 1/2"=1'-0"



DETAIL OF SUMP
SCALE: 1/2"=1'-0"

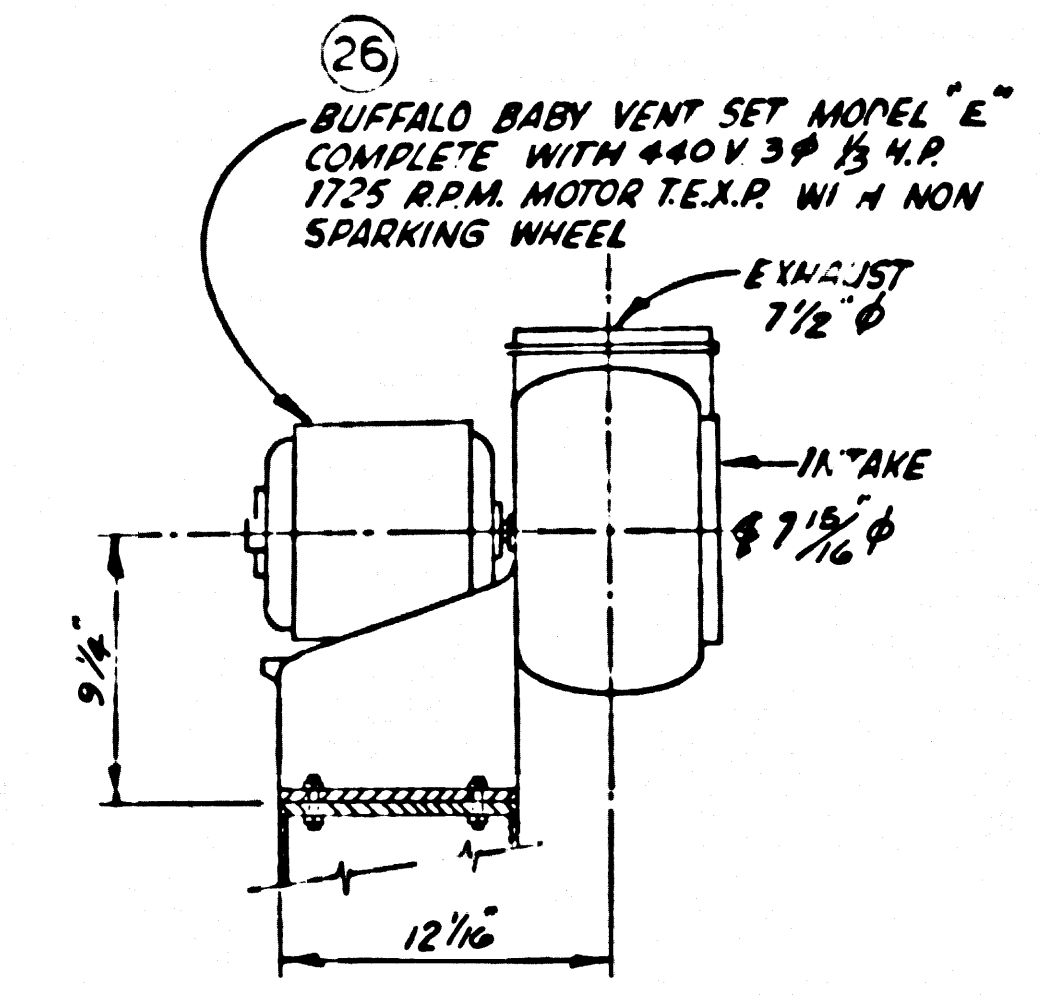


DETAIL OF PUMP ANCHOR
NOT TO SCALE

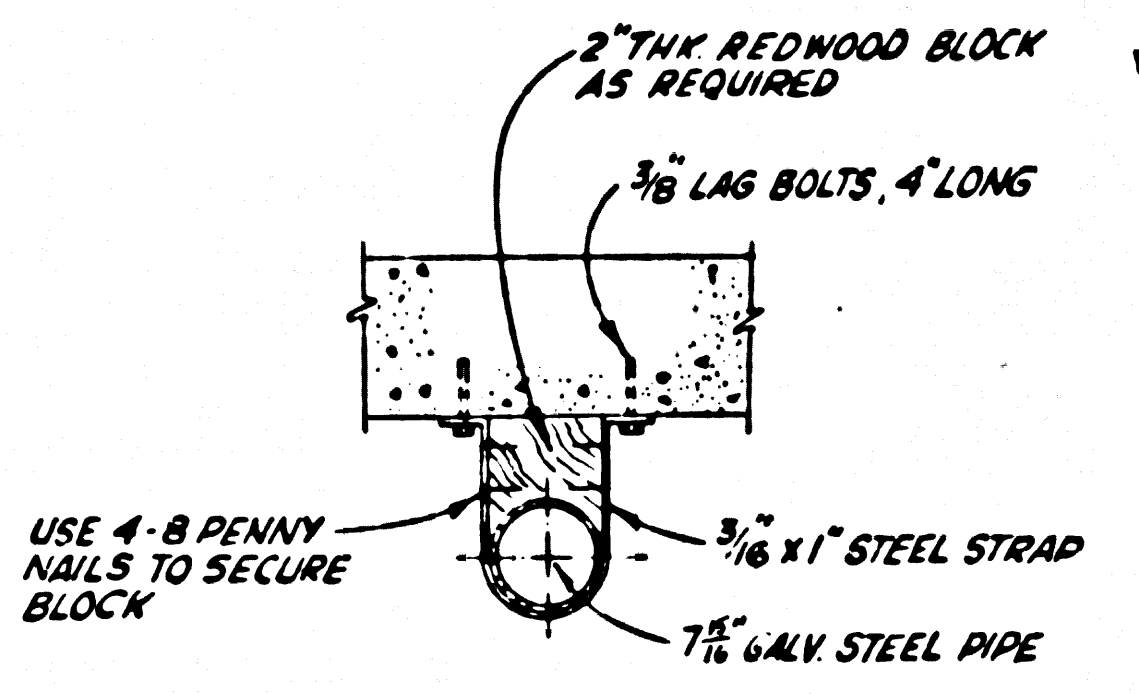
NOTE:
MOUNTING TO BE VERIFIED BY MFG. RECOMMENDATIONS

44304

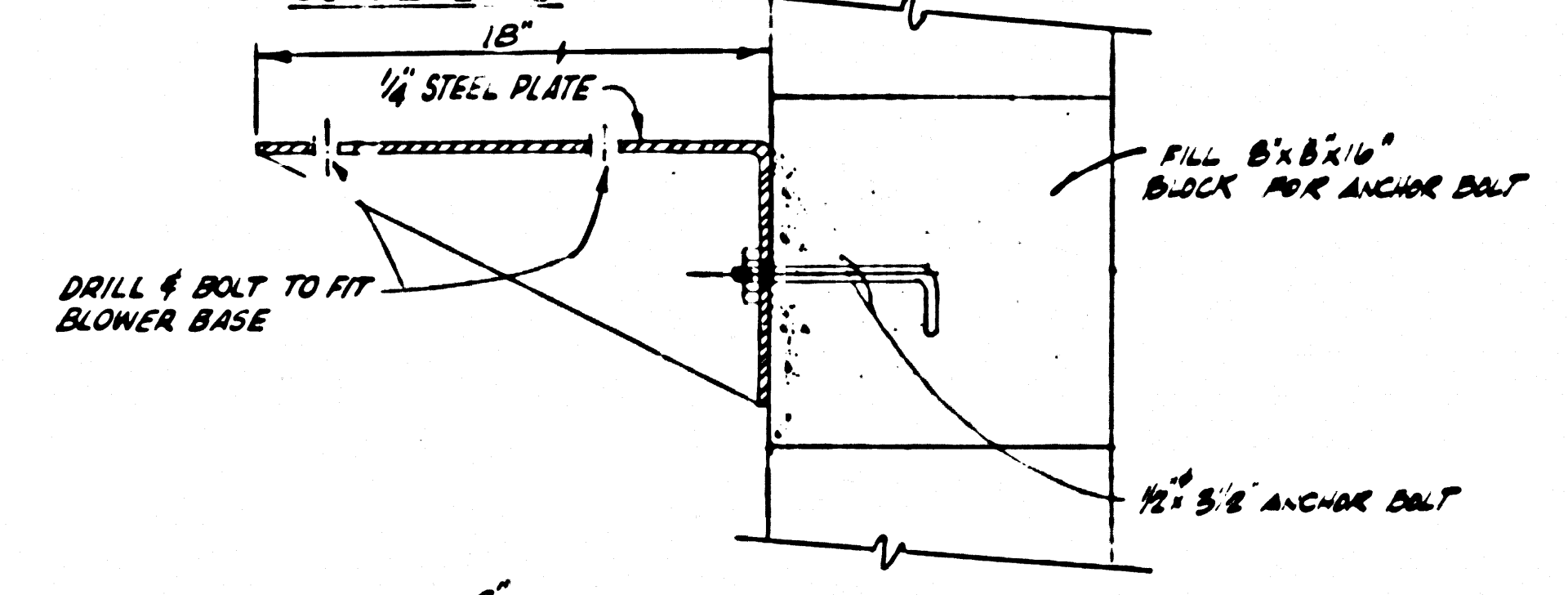
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SEWAGE PUMP STATION	
P.C. 8826B	J.N. 0250.02
STAIRWAY, SUMP AND PIPE SUPPORT DETAILS	
COUNTY OF LOS ANGELES CALIFORNIA	
HARVEY T. BRANDT	COUNTY ENGINEER
SCALE AS SHOWN	DATE AUGUST '72 PAGE 14 OF 19



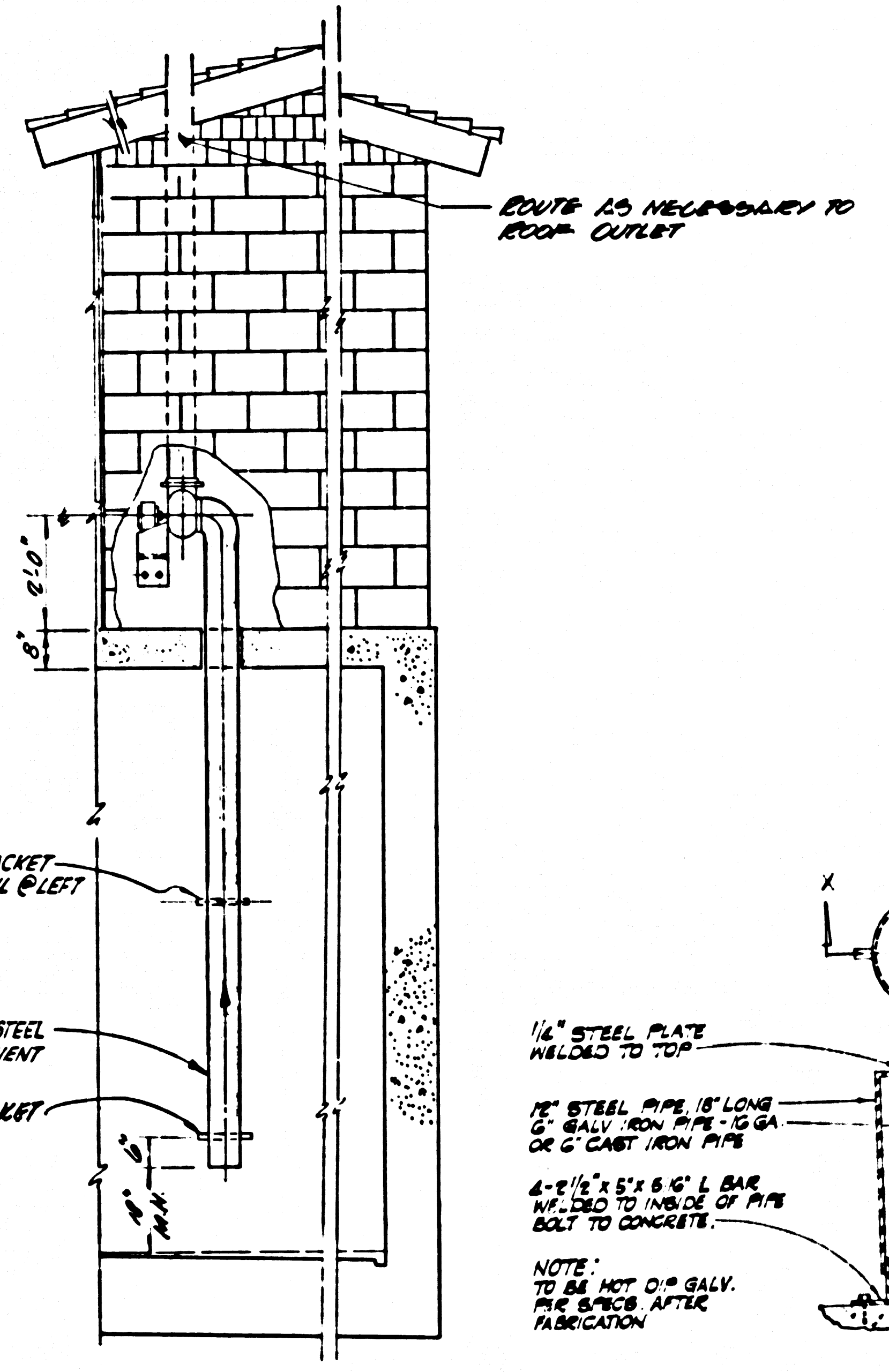
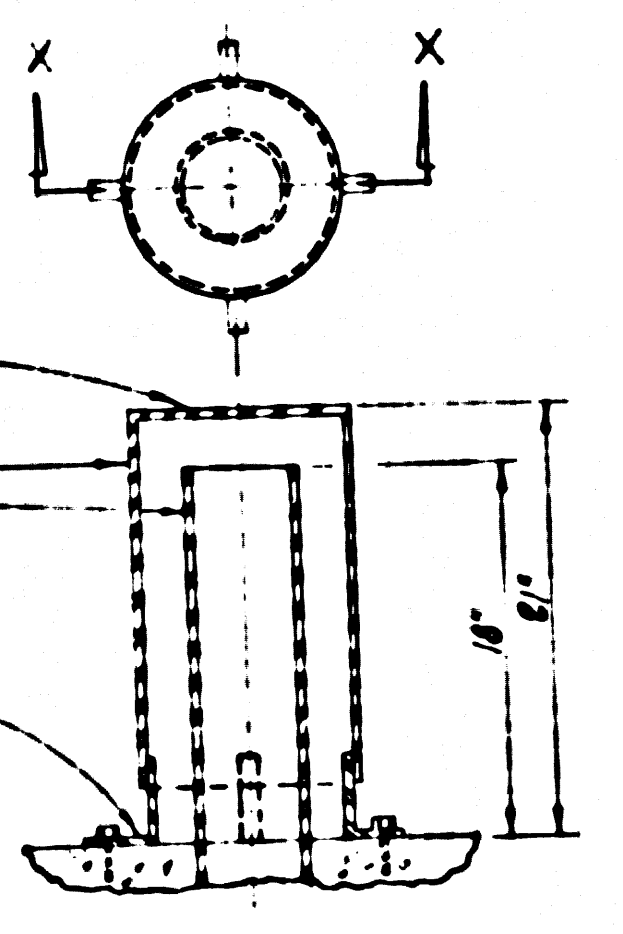
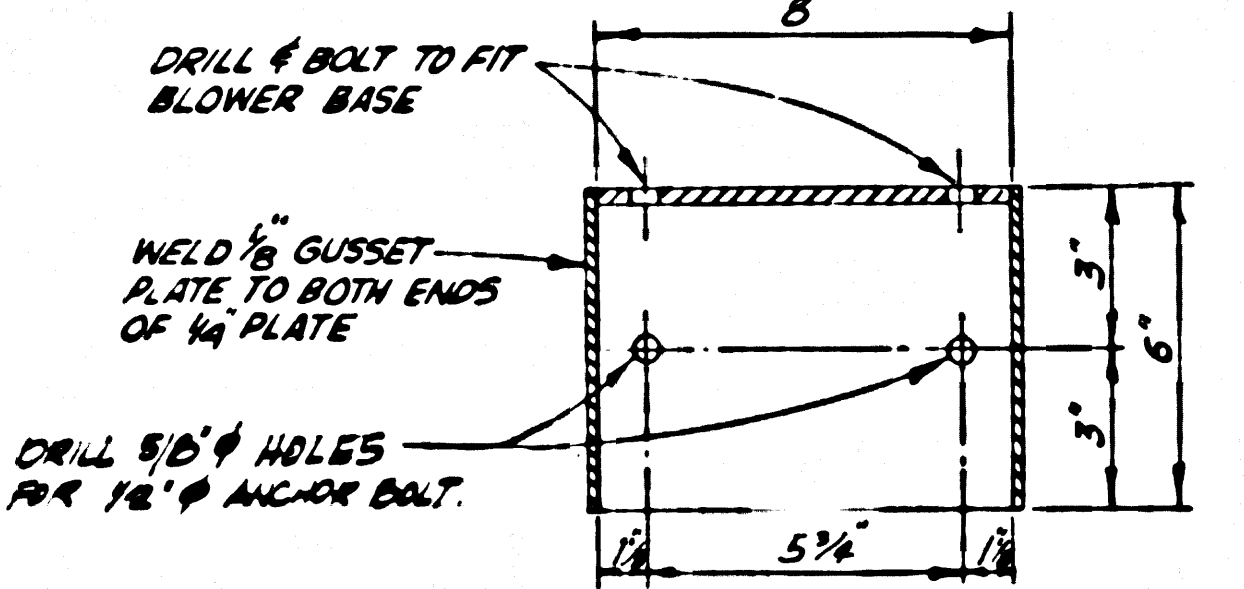
VENT SET
SCALE: 2"=1'-0"



PIPE BRACKET
SCALE: 1"=1'-0"



DETAILS
BLOWER SHELF BRACKET
SCALE: 3"=1'-0"

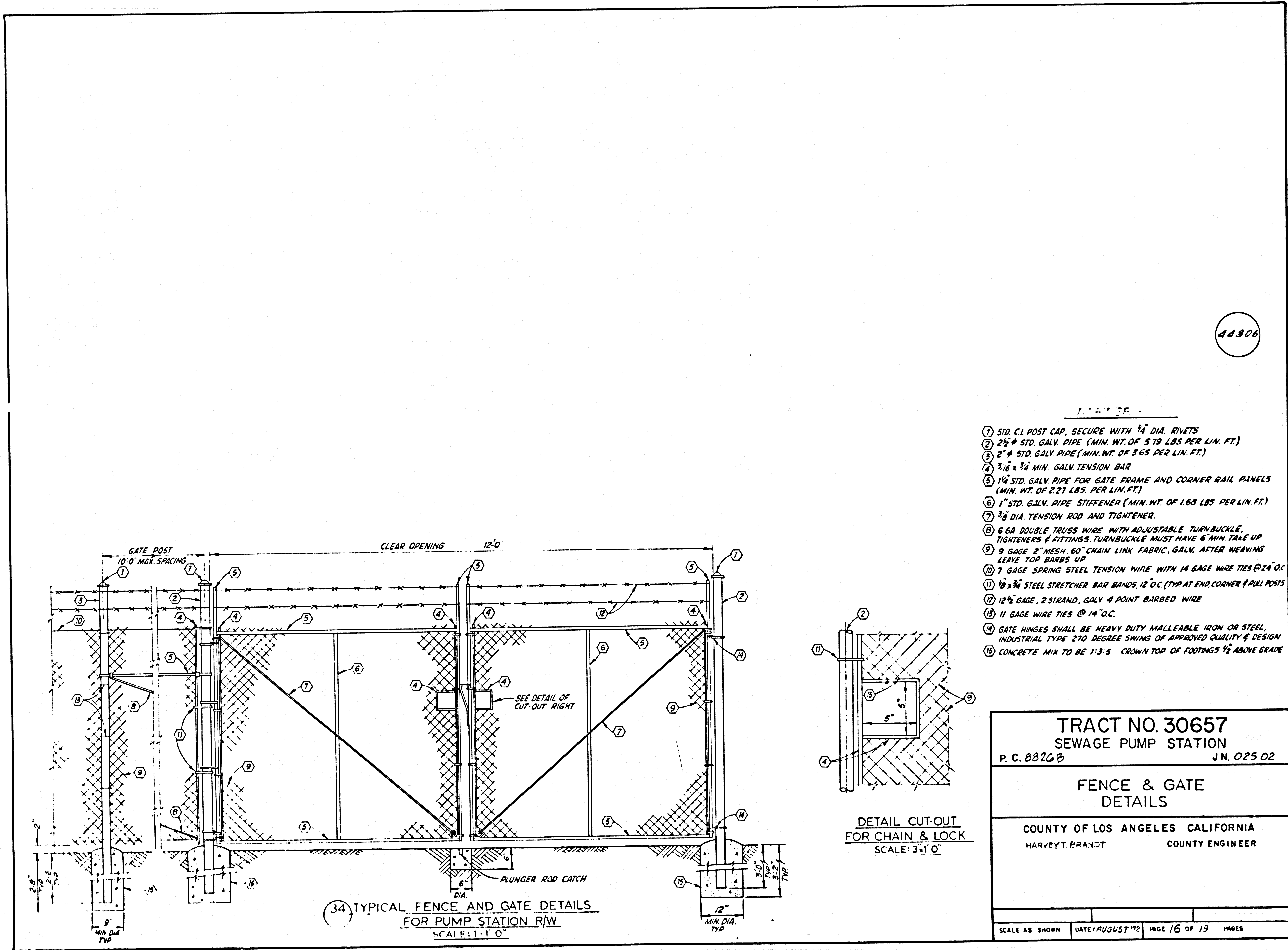


DETAILS OF VENTILATION SYSTEM

44305

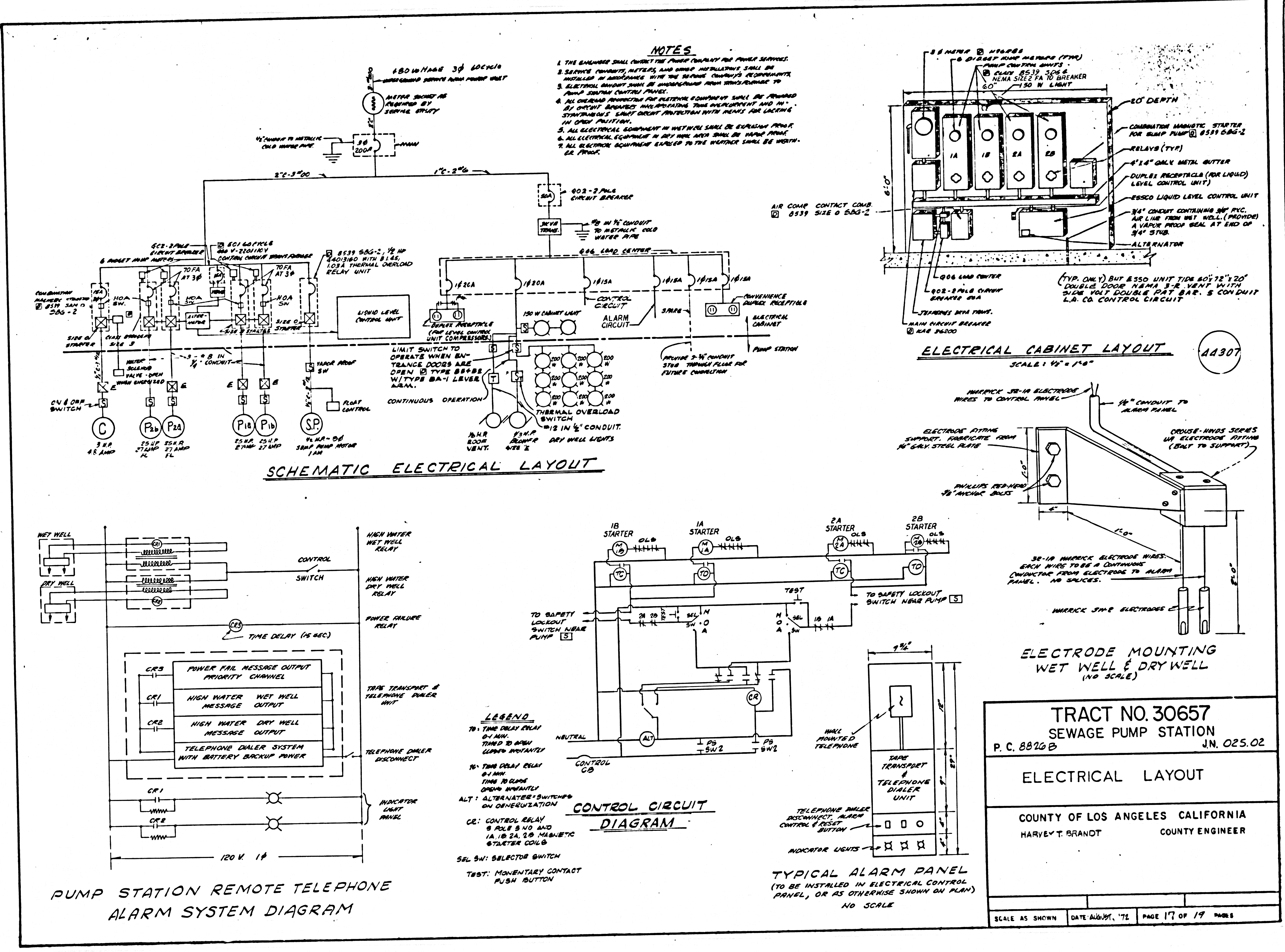
TRACT NO. 30657		
SEWAGE PUMP STATION		
P. C. 8826B	J.N. 0250.02	
VENTILATION SYSTEM AND WET WELL PIT DOOR DETAILS		
COUNTY OF LOS ANGELES CALIFORNIA		
HARVEY T. BRANDT		COUNTY ENGINEER
SCALE AS SHOWN	DATE: AUGUST, '76	PAGE 15 OF 19 PAGES

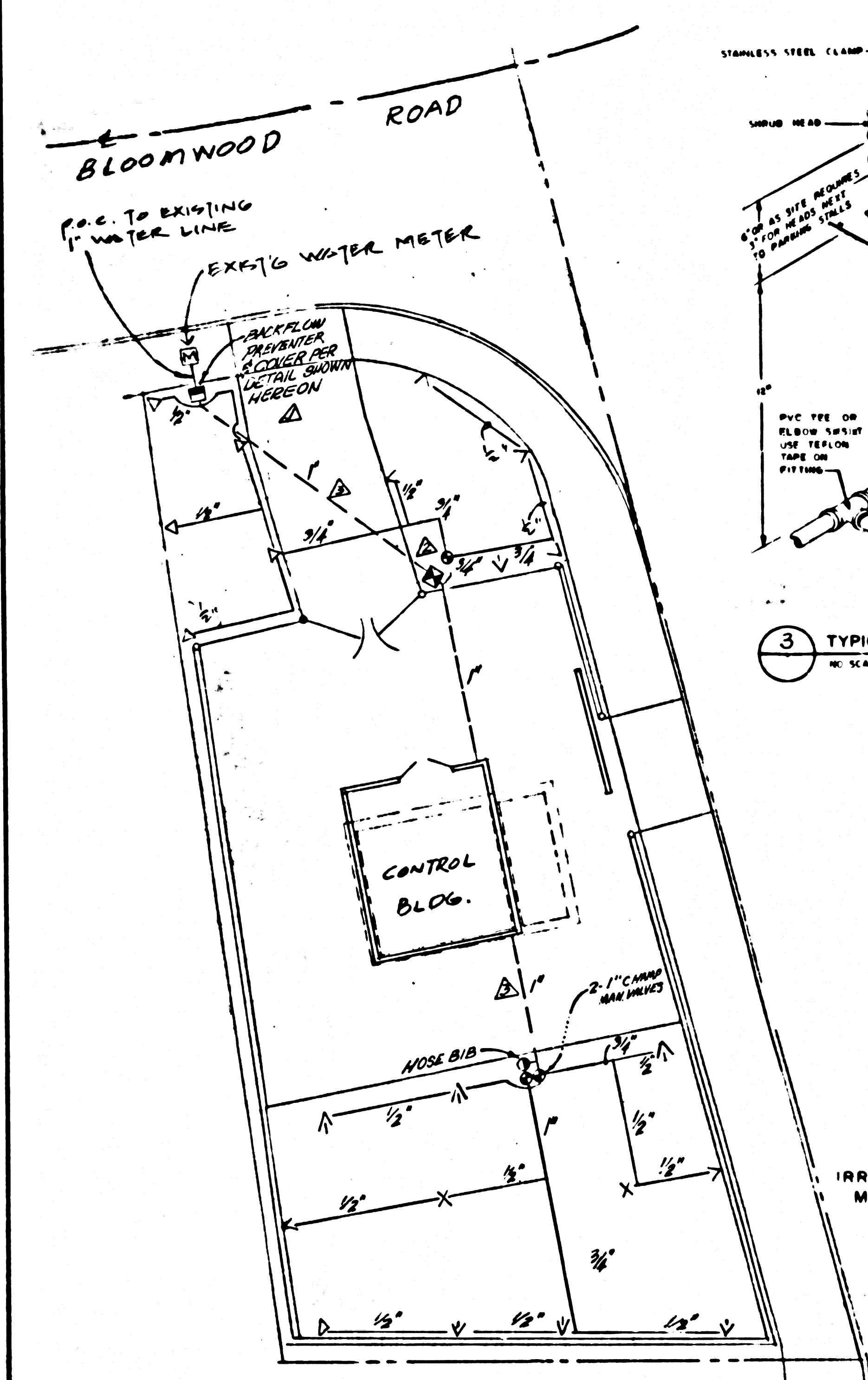
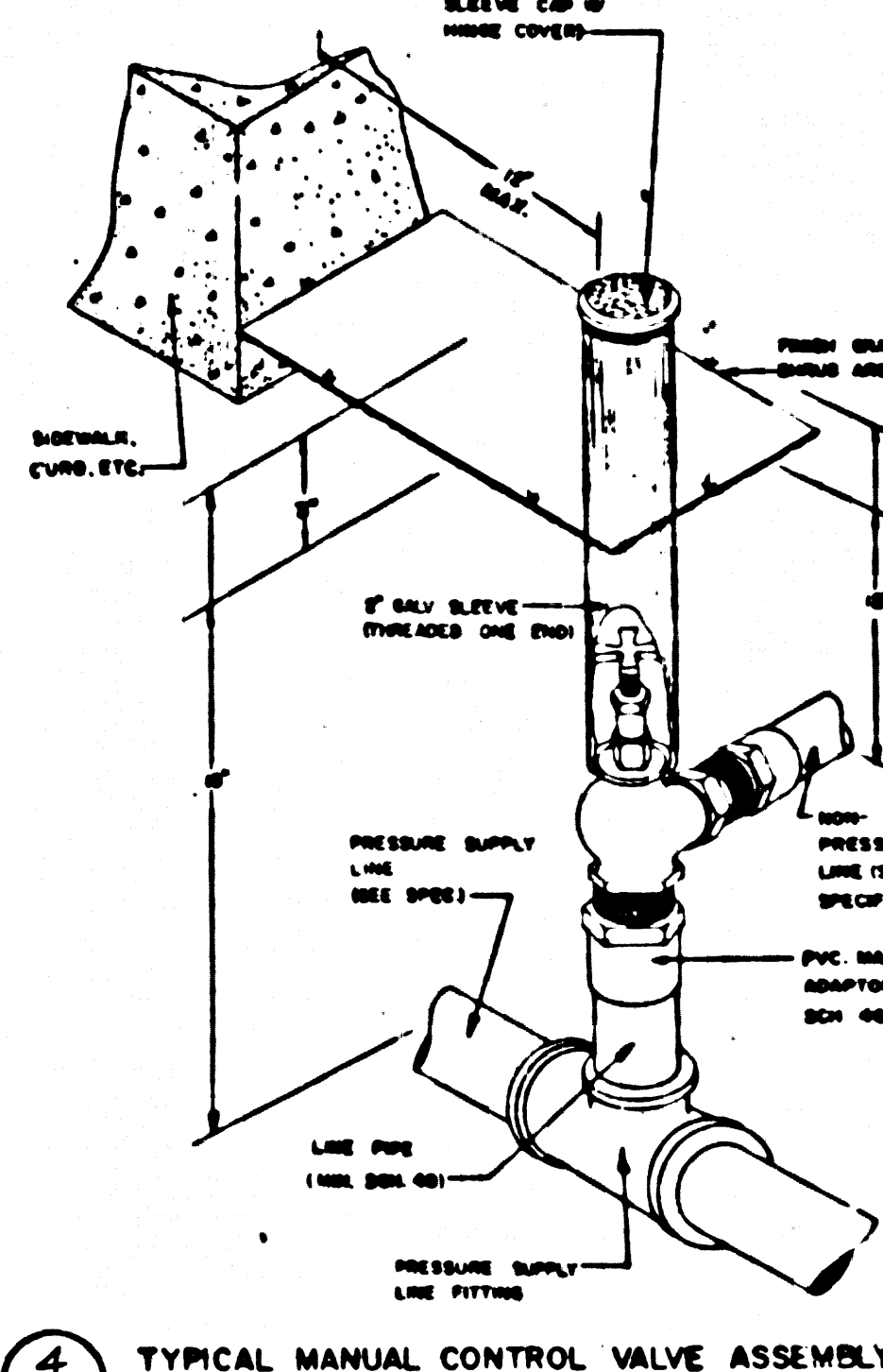
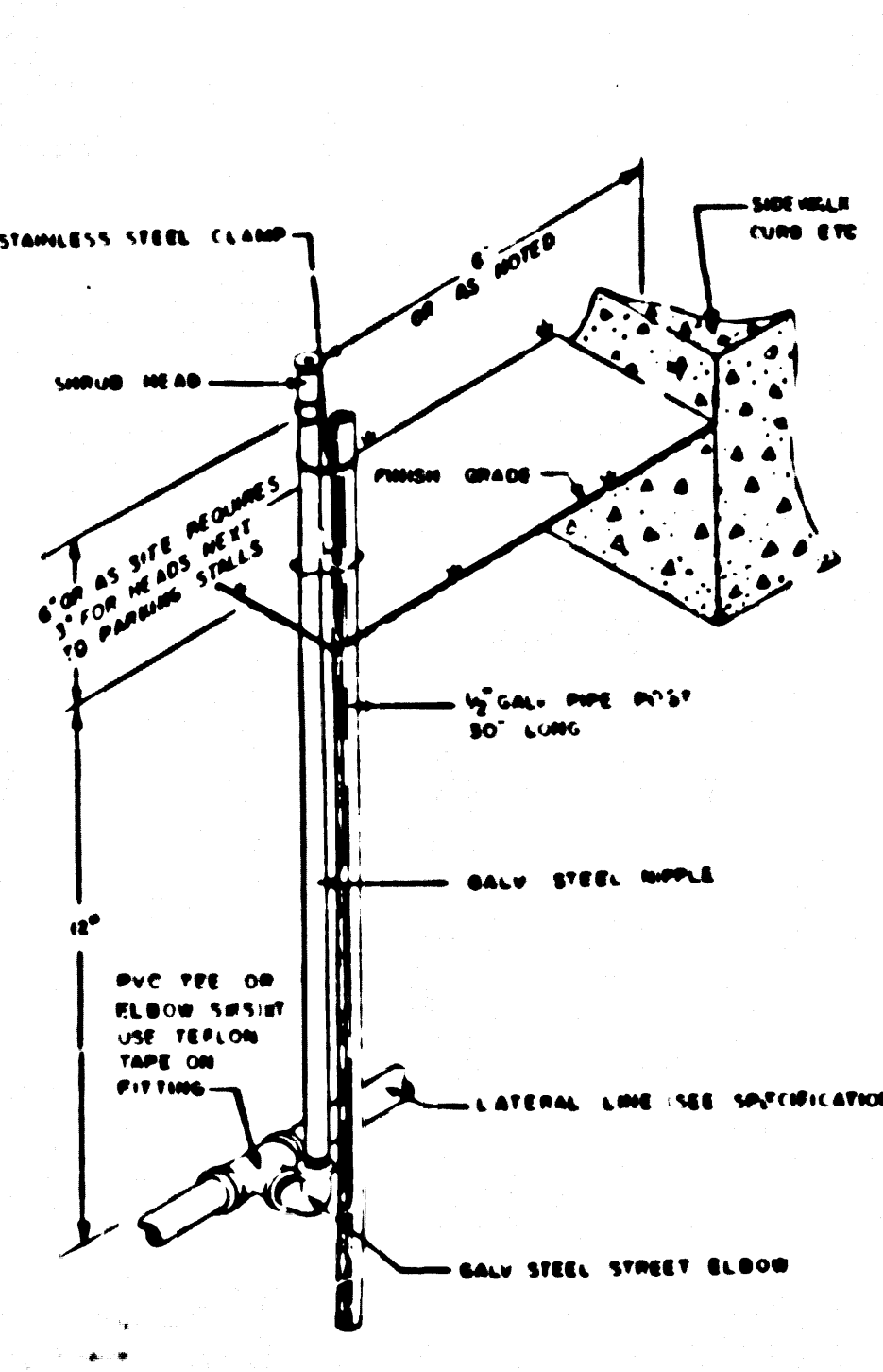
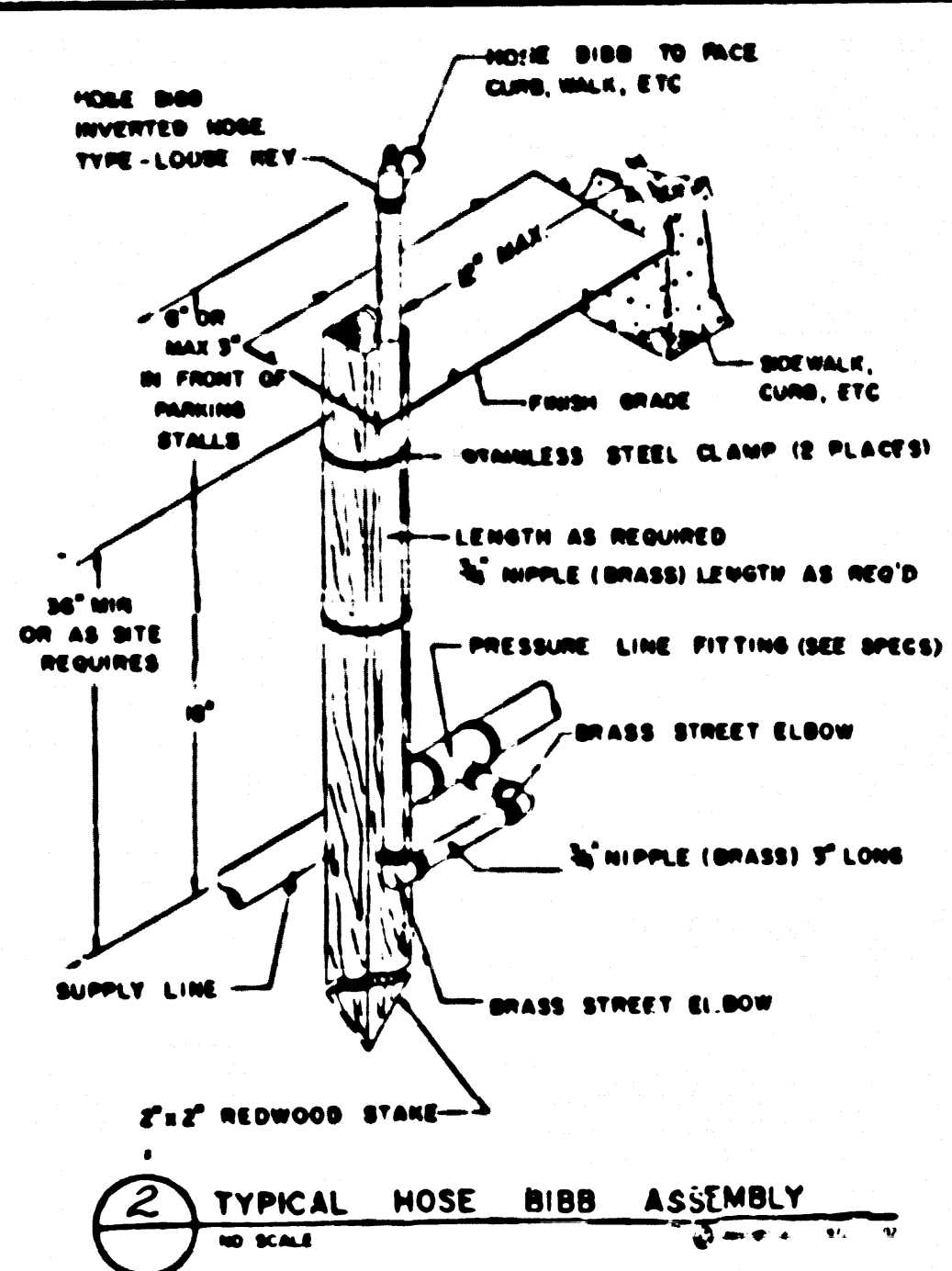
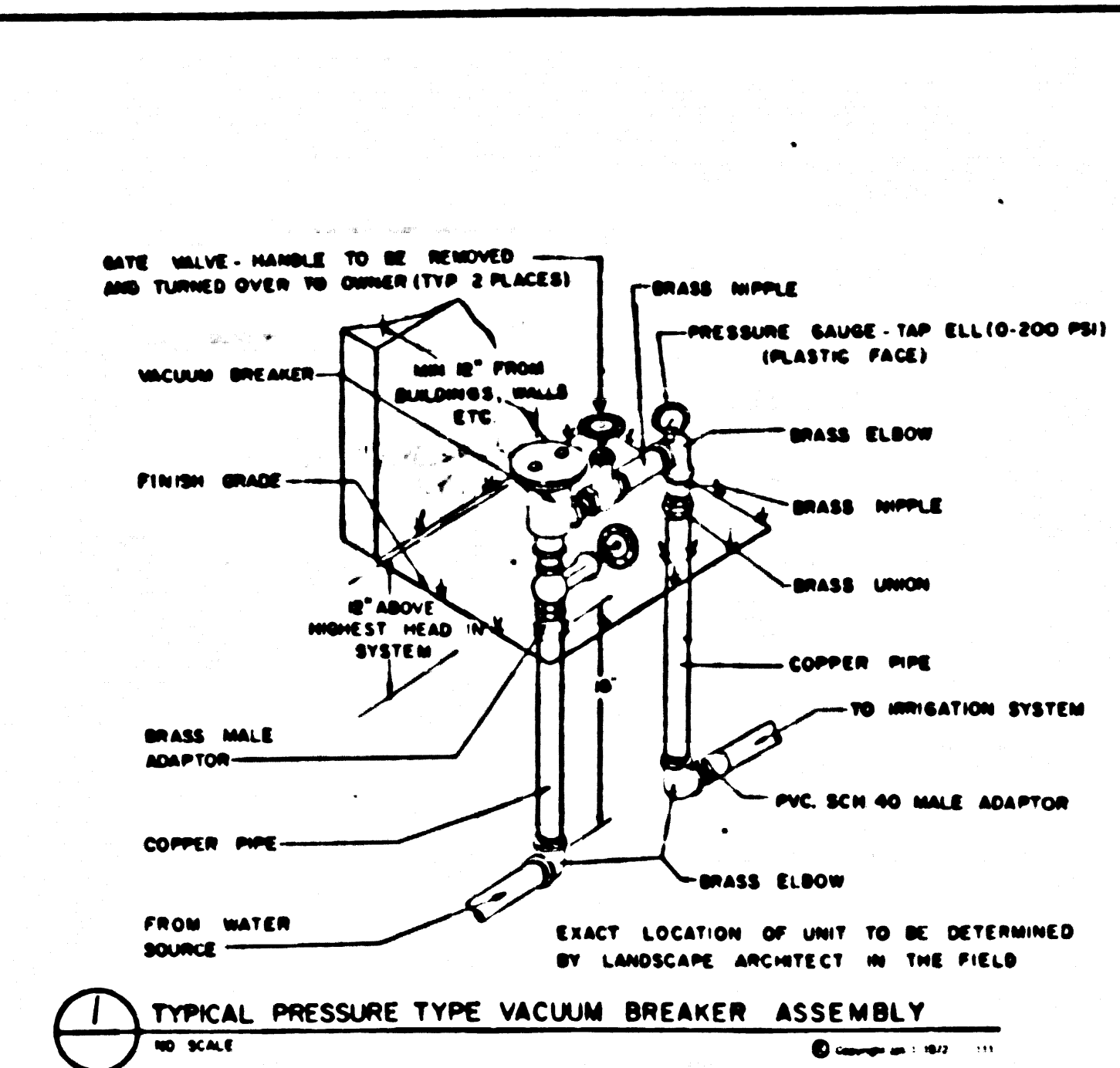
44306



- ① STD. C.I. POST CAP, SECURE WITH 1/4" DIA. RIVETS
- ② 2 1/2" STD. GALV. PIPE (MIN. WT. OF 5.79 LBS. PER LIN. FT.)
- ③ 2" STD. GALV. PIPE (MIN. WT. OF 3.65 PER LIN. FT.)
- ④ 3/8 x 3/4 MIN. GALV. TENSION BAR
- ⑤ 1 1/4" STD. GALV. PIPE FOR GATE FRAME AND CORNER RAIL PANELS (MIN. WT. OF 2.27 LBS. PER LIN. FT.)
- ⑥ 1" STD. GALV. PIPE STIFFENER (MIN. WT. OF 1.60 LBS. PER LIN. FT.)
- ⑦ 3/8 DIA. TENSION ROD AND TIGHTENER.
- ⑧ 6 GA. DOUBLE TRUSS WIRE WITH ADJUSTABLE TURNBUCKLE, TIGHTENERS & FITTINGS. TURNBUCKLE MUST HAVE 6" MIN. TAKE UP
- ⑨ 9 GAGE 2" MESH, 60" CHAIN LINK FABRIC, GALV. AFTER WEAVING LEAVE TOP BARBS UP
- ⑩ 7 GAGE SPRING STEEL TENSION WIRE WITH 14 GAGE WIRE TIES @ 24" OC
- ⑪ 10 x 3/16 STEEL STRETCHER BAR BANDS 12" OC (TYP AT END CORNER & PULL POSTS)
- ⑫ 12 GAGE, 2 STRAND, GALV. 4 POINT BARBED WIRE
- ⑬ 11 GAGE WIRE TIES @ 14" OC.
- ⑭ GATE HINGES SHALL BE HEAVY DUTY MALLEABLE IRON OR STEEL, INDUSTRIAL TYPE 270 DEGREE SWINGS OF APPROVED QUALITY & DESIGN
- ⑮ CONCRETE MIX TO BE 1:3:5 CROWN TOP OF FOOTINGS 1/2" ABOVE GRADE

TRACT NO. 30657	
SEWAGE PUMP STATION	
P.C. 8826B	J.N. 025 02
FENCE & GATE DETAILS	
COUNTY OF LOS ANGELES CALIFORNIA	
HARVEY T. BRANDT	COUNTY ENGINEER
SCALE AS SHOWN	DATE: AUGUST '72 PAGE 16 OF 19 PAGES





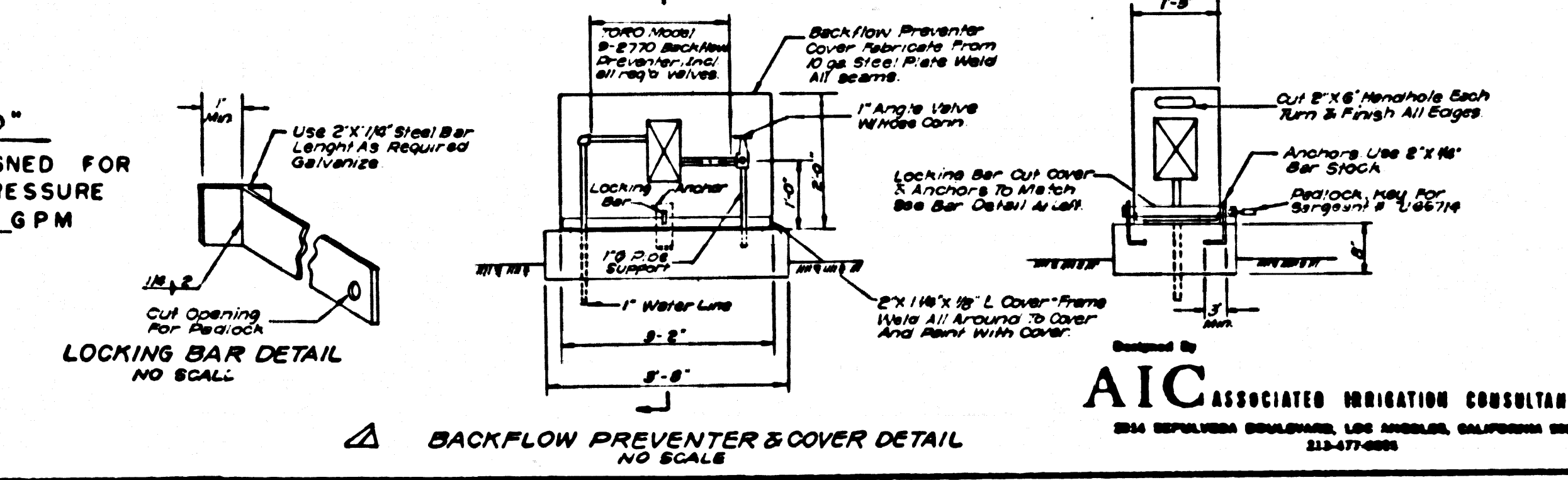
SPECIFICATIONS

- All workmanship and materials shall conform to local building and plumbing codes having jurisdiction.
- Prior to submission of bid, examine the site and the conditions thereof.
- The work to be performed under this contract shall consist of furnishing all labor, materials, tools, machinery, and equipment necessary to install a complete sprinkler system as shown on the irrigation plan, including trenching, backfilling, etc.
- Protect this work and the Owner's property from damage as a result of this work.
- Prior to commencing work on the project, arrange an on site conference with the Landscape Architect, or his duly appointed representative.
- Apply and pay for all permits required for this portion of the work.
- The installation and operation of the system must be approved by the Landscape Architect.
- During installation, if it is found that the site varies from the drawings, notify the Landscape Architect before proceeding with the work.
- Coordinate the installation of all sprinkler materials, including pipe, with the landscape drawings so there shall be no interference with or difficulty in planting the trees, shrubs, or other planting.
- It is the intent of these drawings and specifications to indicate a complete sprinkler system installed and ready for use without further cost to the Owner.
- Record accurately on one set of reproducible prints of the drawings, an as-built plan kept up to date as the project is under construction. In addition, dimension from two permanent points of reference the location of the pressure supply line routing, all valves, and plug tees.
- All sprinkler heads shall be installed as indicated in their details.
- Install all lines in their respective locations according to their details.
- Unconditionally guarantee the sprinkler system for a period of one year from the date of acceptance. Manufacturer's warranty shall not replace this guarantee and liability shall be assumed for repairs and replacement of failed material.
- Upon completion of the work, remove all excess material, equipment and waste to the satisfaction of the Landscape Architect.
- The sprinkler installation shall not be deemed completed until all sprinkler heads, valves and all related irrigation equipment have been checked and adjusted to meet conform to the conditions and requirements that will prevail at the finish site, and approved as-built drawings have been submitted.
- Trenches shall be excavated to sufficient depth to provide coverage of 18" over all pressure supply lines and 12" over all non-pressure lines.
- Backfill for trenching shall be compacted to dry density equal to the adjacent undisturbed soil, and shall conform to adjacent grades, without dips, humps, sunken areas or other irregularities.
- All pressure supply lines shall be Schedule 40 polyvinyl chloride plastic pipe, unless otherwise noted.
- All non-pressure lines shall be Schedule 40 polyvinyl chloride plastic pipe.
- Plastic fittings shall be of a schedule rigid polyvinyl chloride identical to the schedule of pipe upon which the fittings are affixed, but in no event shall the fittings be less than Schedule 40 P.V.C. plastic pipe.
- Initial backfill on plastic lines shall be of a fine granular material with no foreign matter larger than 1/2" in size.
- All material required for the project shall be as indicated in the legend and installed according to same.
- Supply as part of this contract the following tools: (a) One wrench for disassembling each type of sprinkler head supplied. (b) One 1/4" sprinkler key for operation of control valve. (c) One key for operation of hose bibb.

LEGEND

SYMBOLS	DESCRIPTION	MANUFACTURER & PART NO.	REFERENCE
---	EXISTING PRESSURE SUPPLY LINES		
P.C.C.	POINT OF CONNECTION		
---	PRESSURE SUPPLY LINES & SIZE	P.V.C. SCHEDULE 40 PIPE	SPECIFICATION
---	NON-PRESSURE LINES & SIZE	P.V.C. SCHEDULE 40 PIPE	SPECIFICATION
⊕	MANUAL CONTROL VALVE	CHAMPION #500-1"	DETAIL #4
⊕	PRESSURE TYPE VACUUM BREAKER ASSEMBLY	S.M.E. # P-701-1"	DETAIL #1
⊕	HOSE BIBBS	CHAMPION #1-401-L.E.	DETAIL #2
⊕	1/4" CIRCLE SHRUB HEADS (UNDERSIZ)	RAIN-O-MAT #5105-Q.M	DETAIL #3
⊕	1/4, 1/2 & FULL CIRCLE SHRUB HEADS (STANDARD)	RAIN-O-MAT #5205-Q.M.F	DETAIL #3

SCALE: 1" = 10'-0"
IRRIGATION SYSTEM DESIGNED FOR
MINIMUM OPERATING PRESSURE
OF 10 PSI AT 50 GPM



44308

REVISION 7-19-74
A Added Backflow Preventer and Details
B Revised Vacuum Breaker Assembly
C Revised Meter and Adapter (see 10)
APPROVED: [Signature] 7/24/74

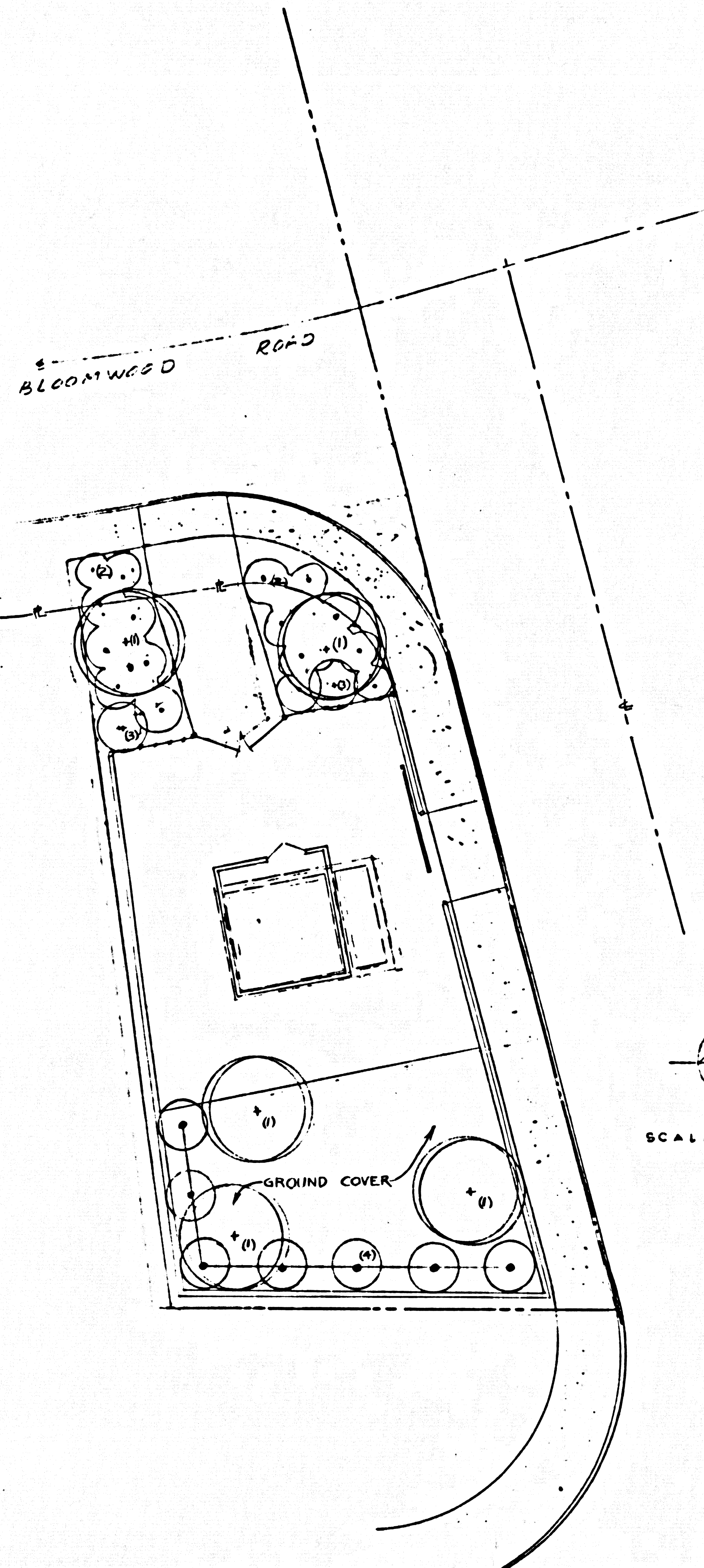
TRACT NO. 30657
SEWAGE PUMP STATION
P.C. 8826B J.N.025002

LANDSCAPE IRRIGATION PLAN

COUNTY OF LOS ANGELES CALIFORNIA

SCALE: 1"=10'-0" DATE: 2-25-75 9MT. NO. 18 0P 19

AIC ASSOCIATED IRRIGATION CONSULTANTS
2825 WILSON BOULEVARD, LOS ANGELES, CALIFORNIA 90024



PLANT LIST & KEY

NO.	QTY	TYPE	CONTAINER SIZE
1	5	LIGULARIA SYRACUSA	14 GAL
2	16	JUNIPERUS BARINA	1 GAL
3	2	JUNIPERUS CHINESE BRYCENENSIS	5 GAL
4	7	NERIUM OLEANDER SINGLE WHITE	1 GAL

N
SCALE 1" = 10'-0"

44309

TRACT NO. 30657	
SEWAGE PUMP STATION	
PC. 8826B	J.N.0250.02
HORTICULTURAL PLAN	
COUNTY OF LOS ANGELES, CALIFORNIA	
SCALE: AS SHOWN	DATE: 7-22-79
SHT. NO. 19 OF 19	

WARREN E. LAJESEN, F.A.L.L.A.
LANDSCAPE ARCHITECTURE & PLANNING
2014 SO SEPULVEDA BLVD LOS ANGELES
CALIFORNIA 90025 TELEPHONE (213) 477-8944