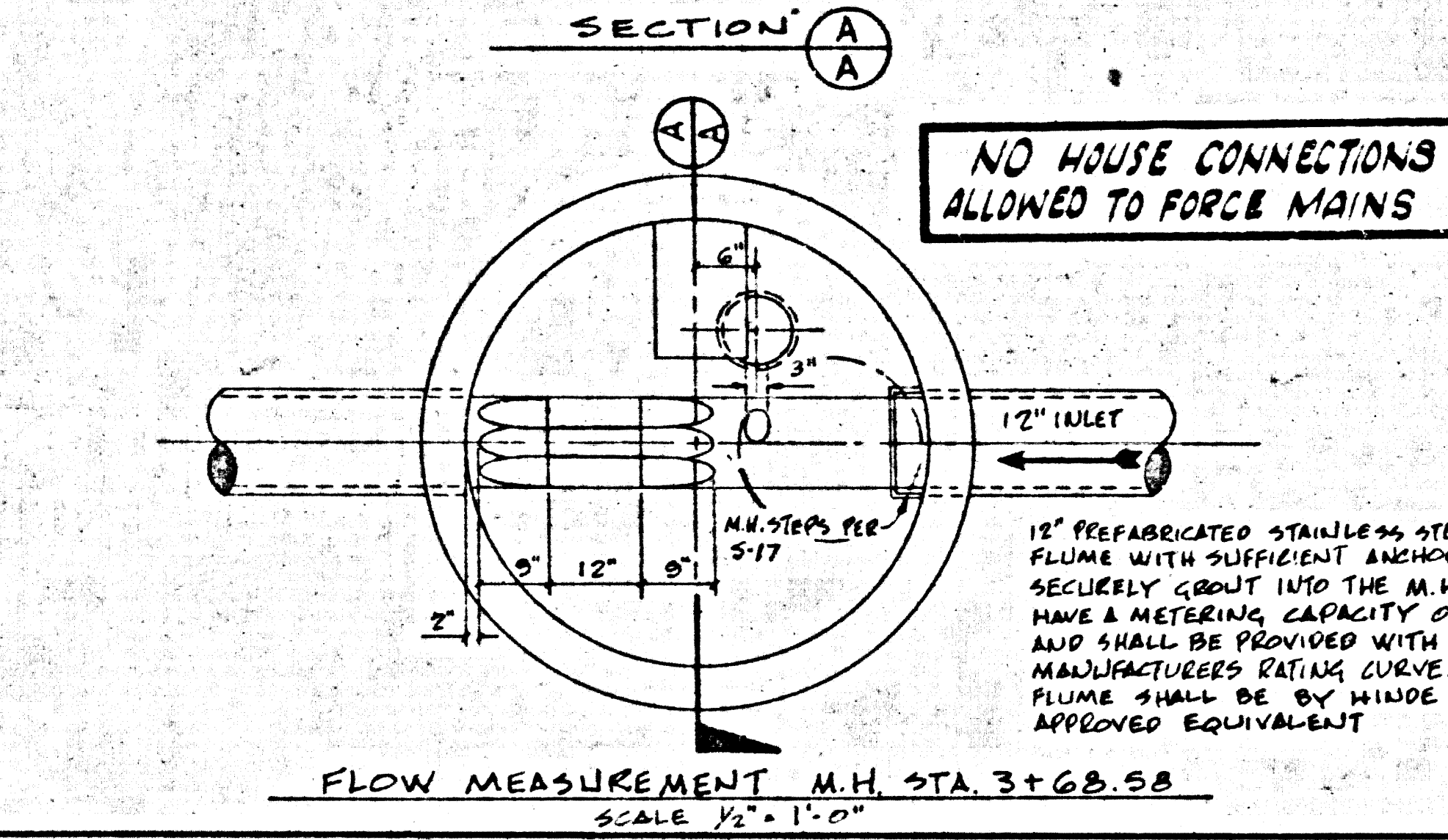
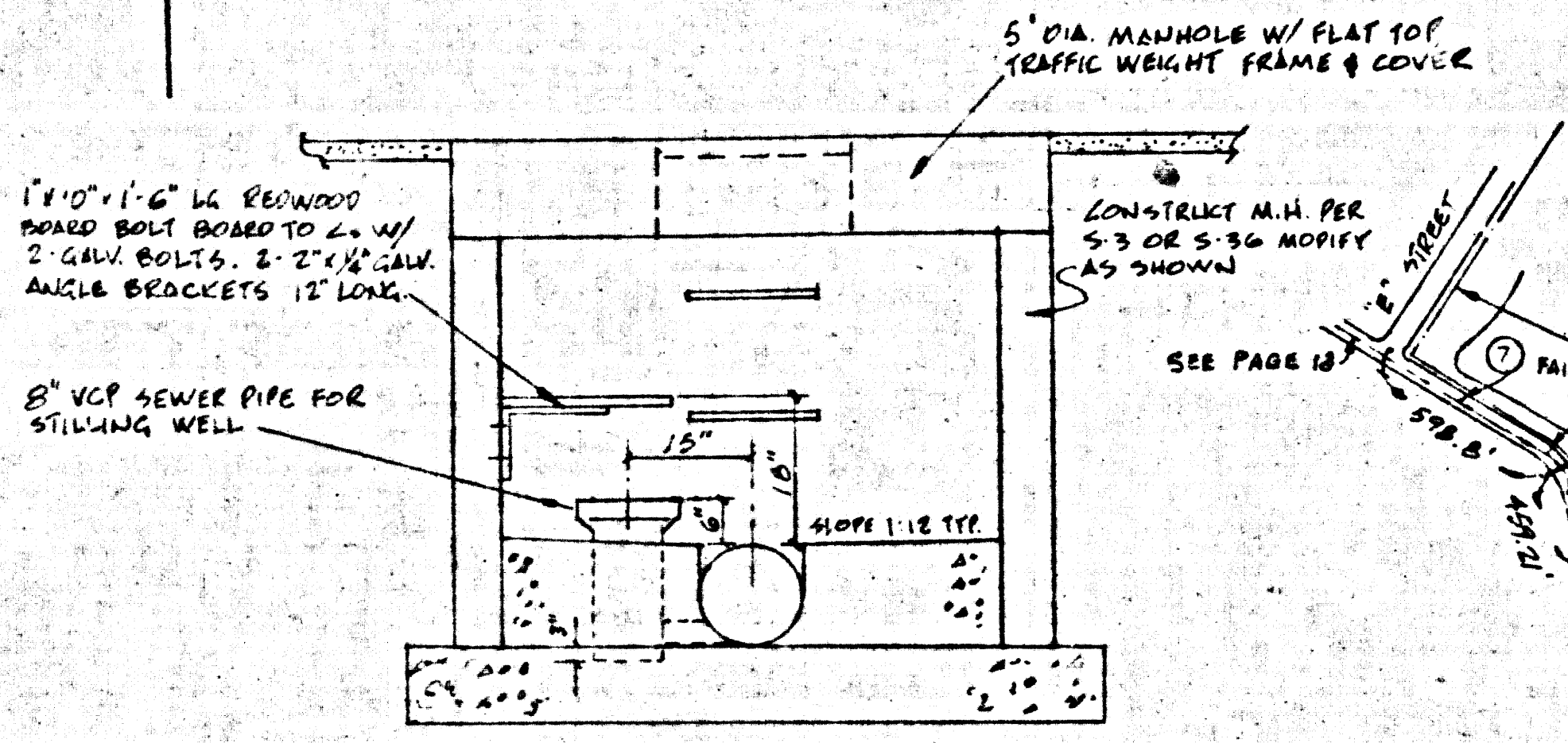


B.M. 8 F # 1 ELEV. 277.814 F.S. 1836-160
 @ INTERSECTION E. 4TH & MCKINLEY AVE.
 F.D. 2.5. MON. DN. 16" IN WELL W/ COVER
 F.S. 1836-19
 SAN DIMAS QUAD. 19 66

NOTICE TO CONTRACTOR
 CONTRACTOR MUST SCHEDULE AND COORDINATE CONSTRUCTION WITH THE FAIRGROUNDS ASSOCIATION AND THE SANITATION DIVISION, COUNTY ENGINEER...
 THE CONTRACTOR SHALL BE ALLOWED TO WORK WITHIN THE FAIRGROUNDS ONLY DURING THE PERIOD STARTING OCTOBER 15, 1974 AND ENDING JUNE 1, 1975.

PRIOR TO TRENCH EXCAVATION, THE CONTRACTOR SHALL SUBMIT TO AND OBTAIN APPROVAL FROM THE COUNTY ENGINEER OF A DETAILED PLAN SHOWING THE POSITION OF SHIELDING, BRACING, FLOORING OR OTHER PROVISIONS FOR WORKER PROTECTION FROM HAZARD OF COLLAPSE...
 PRIOR TO EXECUTION OF THE CONTRACT AGREEMENT BY THE COUNTY, THE CONTRACTOR SHALL AT HIS EXPENSE OBTAIN A PERMIT TO EXCAVATE FROM THE STATE OF CALIF., DIV. OF INDUSTRIAL SAFETY.



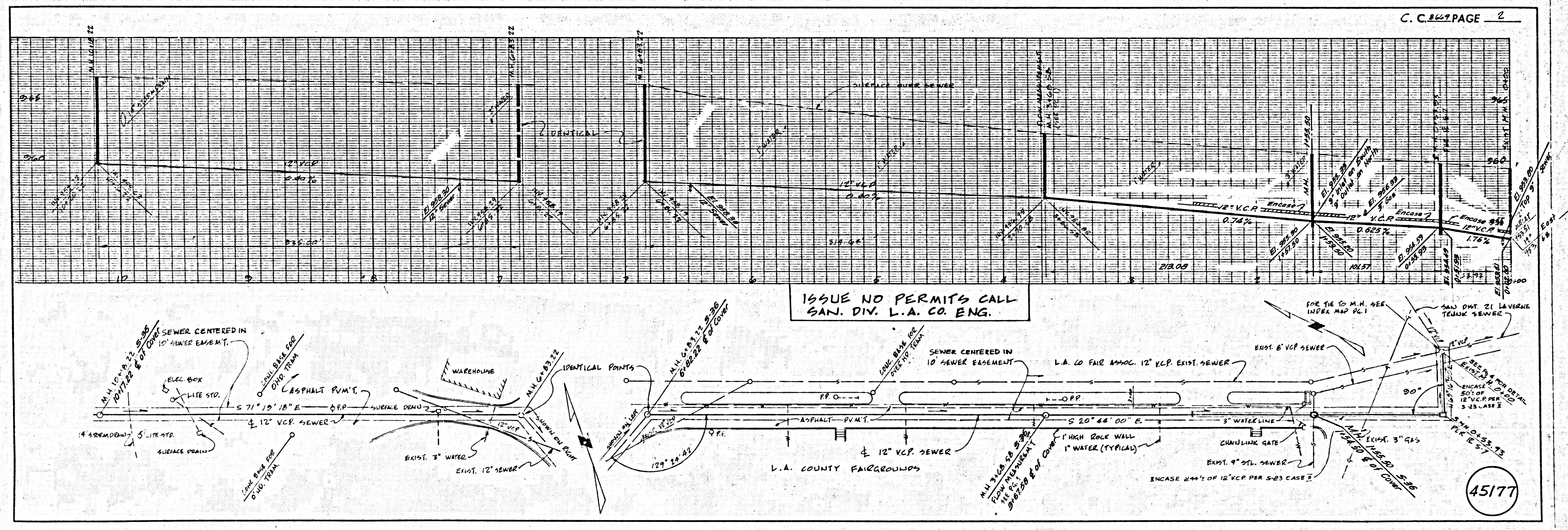
GENERAL NOTES:
 1. ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929.
 2. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
 3. GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. GRADE POINTS FOR TOP OF CURBS, CENTER 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.
 4. UTILITY FACILITIES ARE SHOWN AS BELIEVED TO EXIST AT TIME OF SURVEY. FACILITIES WHICH HAVE BEEN OMITTED, MISPLACED, AND/OR RELOCATED - CONTRACTORS SHALL PROTECT ALL UTILITIES WHETHER SHOWN ON PLANS OR NOT.
 5. CITY OF POMONA REQUIREMENTS: ALL WORK IN THE STREET RIGHT OF WAY IN MCKINLEY AVENUE SHALL BE CONSTRUCTED IN ACCORDANCE WITH SEC. 306 OF THE STANDARD SPECIFICATIONS WITH A MINIMUM OF ONE 12 FT. WIDE TRAFFIC LANE IN EACH DIRECTION TO BE MAINTAINED AT ALL TIMES...
 6. CITY OF POMONA REQUIREMENTS: ALL WORK IN THE STREET RIGHT OF WAY IN MCKINLEY AVENUE SHALL BE CONSTRUCTED IN ACCORDANCE WITH SEC. 306 OF THE STANDARD SPECIFICATIONS WITH A MINIMUM OF ONE 12 FT. WIDE TRAFFIC LANE IN EACH DIRECTION TO BE MAINTAINED AT ALL TIMES...
 7. APPROVAL OF THIS PLAN BY THE COUNTY OF LOS ANGELES DOES NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OF THE LOCATION OR OF THE EXISTENCE OR NON-EXISTENCE OF ANY UNDERGROUND UTILITY PIPE, OR STRUCTURE WITHIN THE LIMITS OF THIS PROJECT. THIS NOTE APPLIES TO ALL PAGES.
 8. REFER TO SECTION 7-10.1 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY ORDERS.
 COUNTY ENGINEER'S OFFICE SHALL BE RESPONSIBLE FOR THE STABILITY OF THE EXCAVATION...
 BREASTING SHALL BE MAINTAINED...
 NO HOUSE CONNECTIONS TO BE ALLOWED...
 ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER 5-3 OR PRECAST CONCRETE MANHOLES PER 5-3A, EXCEPT AS NOTED.
 IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER 5-3, CASE II, UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
 ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D", WITH FINISHING AS NECESSARY PER STANDARD SPECIFICATIONS, SECTION 208-2.
 SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 306-2.3.7 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
 WHERE THE SANITARY SEWER CROSSES AN EXISTING PRESSURE WATER MAIN AND THE TOP OF THE SEWER IS LESS THAN THREE FEET, BUT MORE THAN ONE FEET BELOW THE BOTTOM OF THE WATER MAIN, THE SEWER SHALL BE ENCASED IN CONCRETE PER 5-3, CASE II, WITH A CLEARANCE OF FOUR FEET ON EITHER SIDE OF THE WATER MAIN.
 CAST IRON PIPE WITH LEAD OR APPROVED MECHANICAL JOINTS SHALL BE USED WHERE THE TOP OF THE SEWER IS LESS THAN ONE FEET BELOW THE WATER MAIN, FOR A HORIZONTAL CLEAR DISTANCE OF FOUR FEET ON EACH SIDE OF THE WATER LINE.

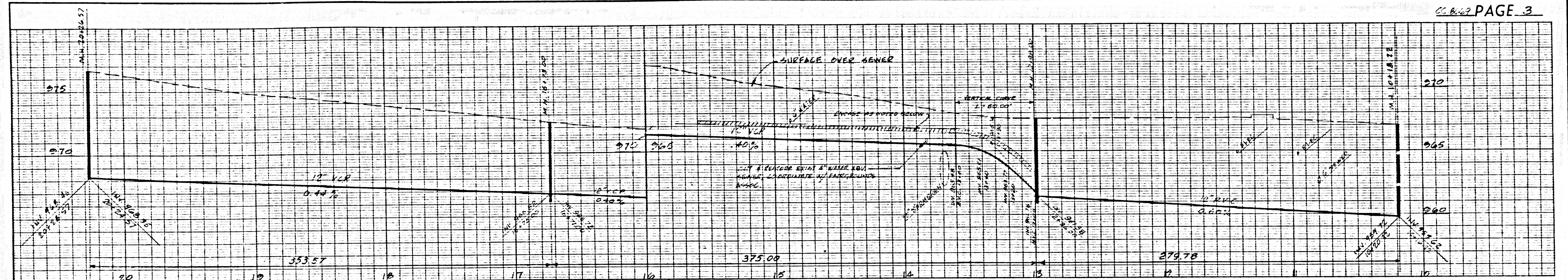
PROFILE, ALIGNMENT AND GRADE OF
SANITARY SEWERS PAGE 1
 TO BE CONSTRUCTED FOR
 FRANK G. BONELLI REGIONAL
 COUNTY PARK PHASE II A
 CAPITAL PROJECT NO. B804. 41
 SPECIFICATION NO. 35 33
(CASH CONTRACT NO. 8669)
 FOR COUNTY REFERENCE ONLY
 W.S. 49
 11 SHEETS, 17 PAGES
 (PAGES 6-17 ADD'D 12-9-73)
 SCALE: AS SHOWN DECEMBER, 1971
 PREPARED IN THE OFFICES OF
 POMEROY, JOHNSTON & BAILEY
 BY: *Harry H. Bailey*
 REG. C.E. NO. 11763
 45176

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

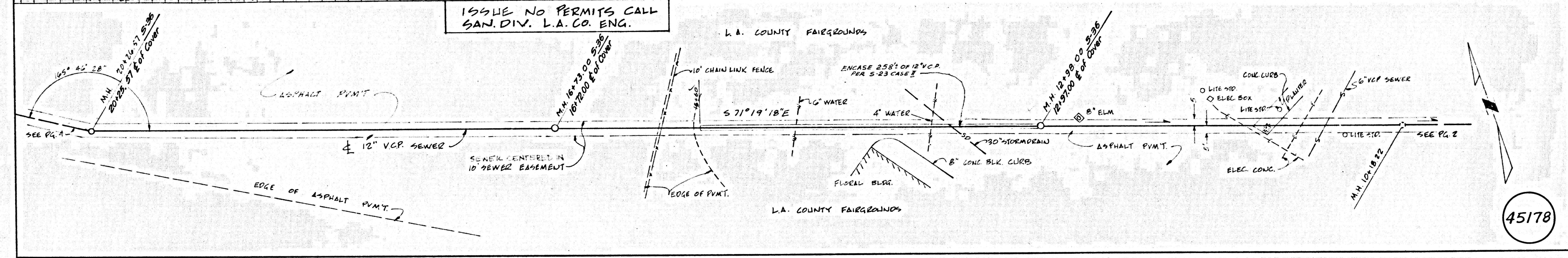
LEGEND	5-1
MINIMUM PUBLIC SAFETY REQUIREMENTS	5-2
BRICK MANHOLE	5-3
STANDARD MANHOLE STEP	5-7
BEDDING FOR SEWER PIPE	5-8
CRADLING AND ENCASMENT	5-9
W/P OF THE SUPPORT	5-10
ALLOWABLE TRENCH WIDTHS	5-11
LOCKING MANHOLE FRAME AND COVER	5-12
NON-REINFORCED PRECAST CONCRETE MANHOLE	5-13
RECTANGULAR "SHALLOW" MANHOLE	5-14
RECTANGULAR "SHALLOW" MANHOLE COVER	5-15

COUNTY OF LOS ANGELES, CALIFORNIA
 HARVEY T. BRANDT, COUNTY ENGINEER
 JOHN D. PARKHURST, CHIEF ENGINEER
 APPROVED: *Paul E. Keller* 5-31-72
 SANITATION DIVISION ENGINEER (DATE)
 OFFICE ENGINEER
 CHECKED: *John F. Lee* 5-31-72
 DATE
 L.A. Co. FAIR ASSOC.
 APPROVED: *Paul M. Boudelin*
 CITY OF POMONA
 APPROVED: *Donald E. Knappe* 6-21-72
 CITY ENGINEER
 REG. C.E. NO. 12443

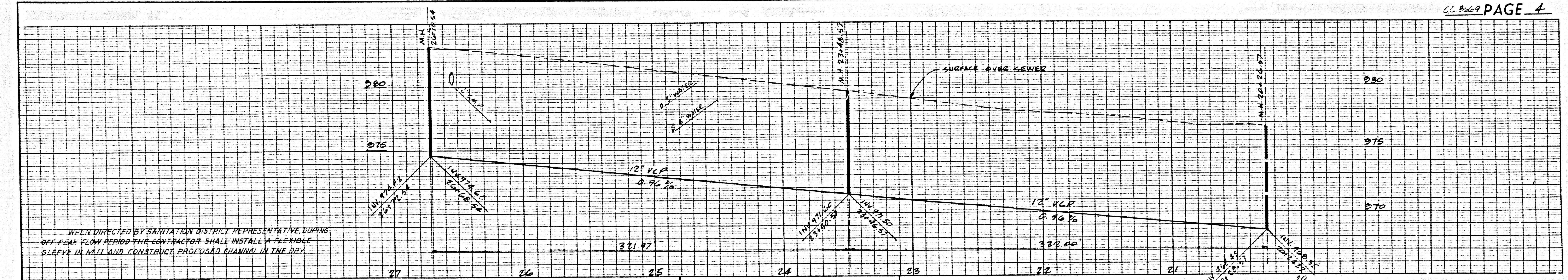




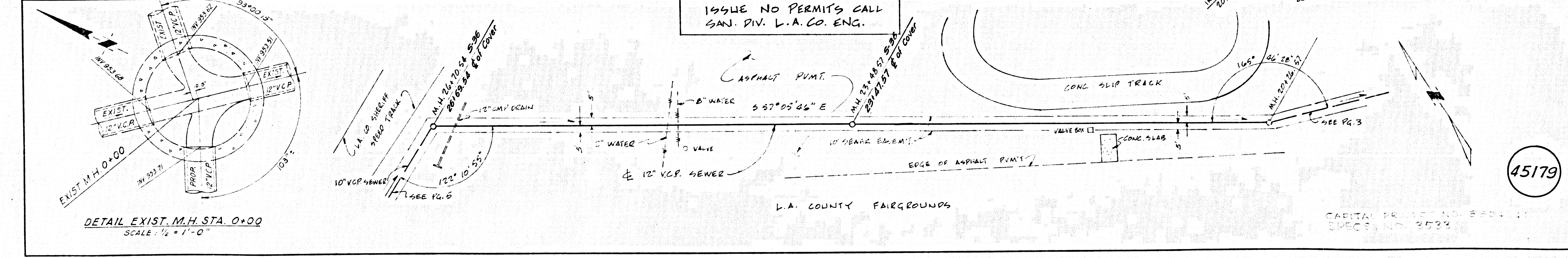
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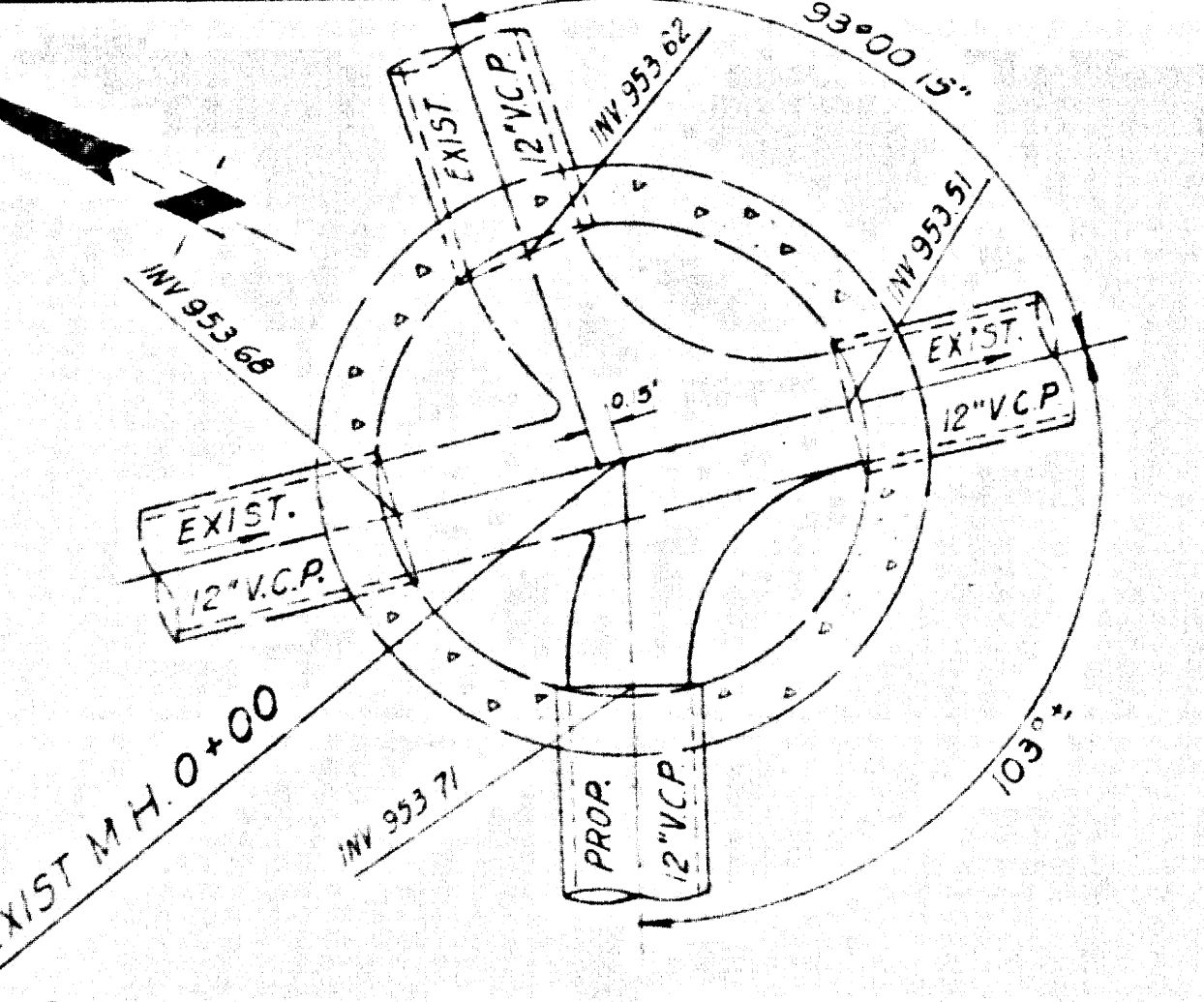
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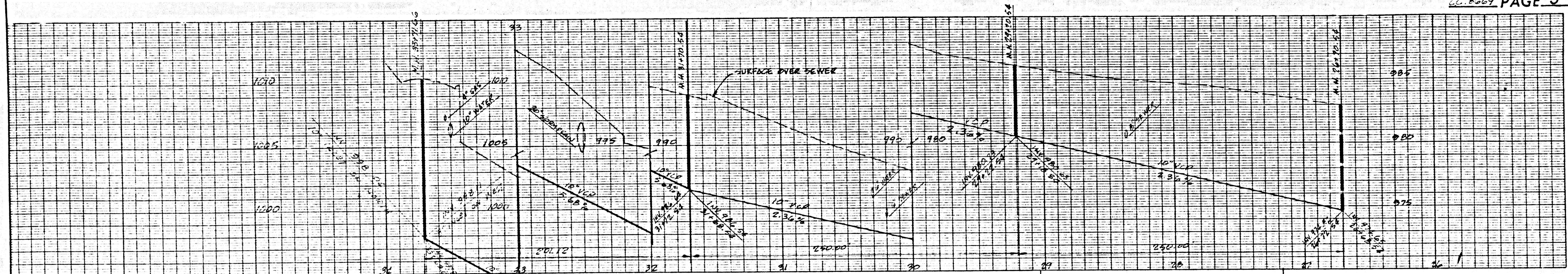
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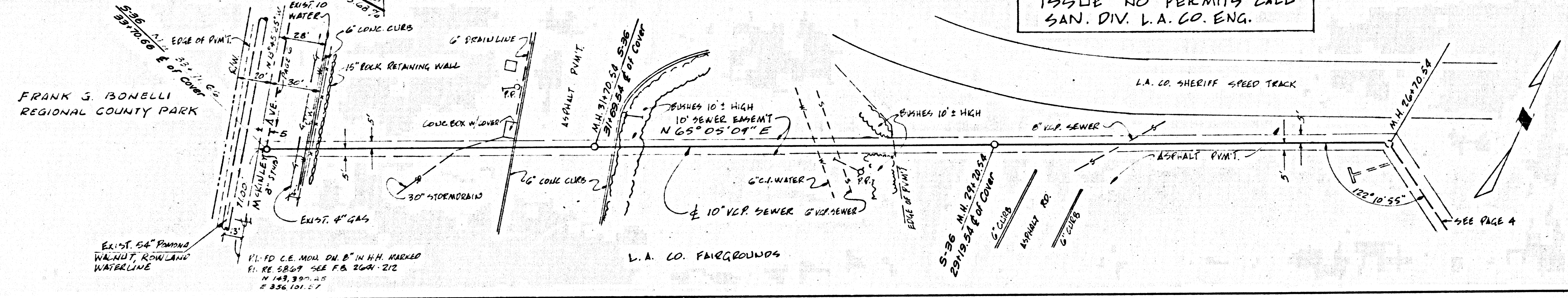
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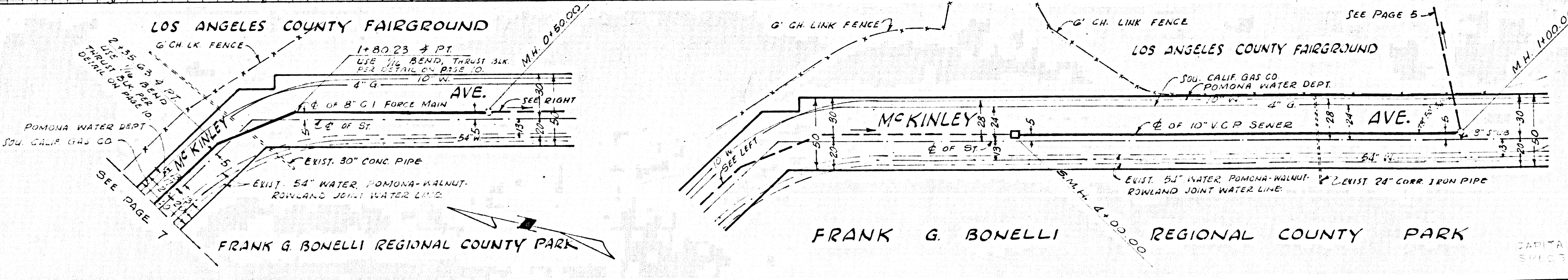
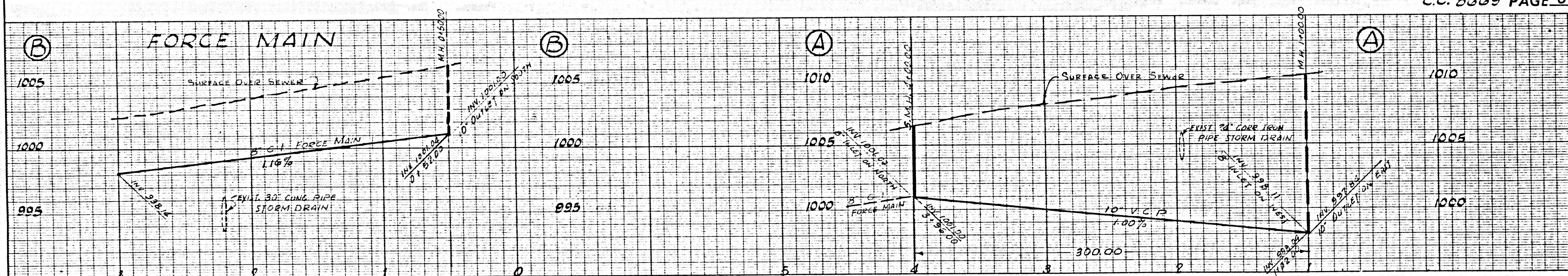
DETAIL EXIST. M.H. STA. 0+00
SCALE: 1/4" = 1'-0"



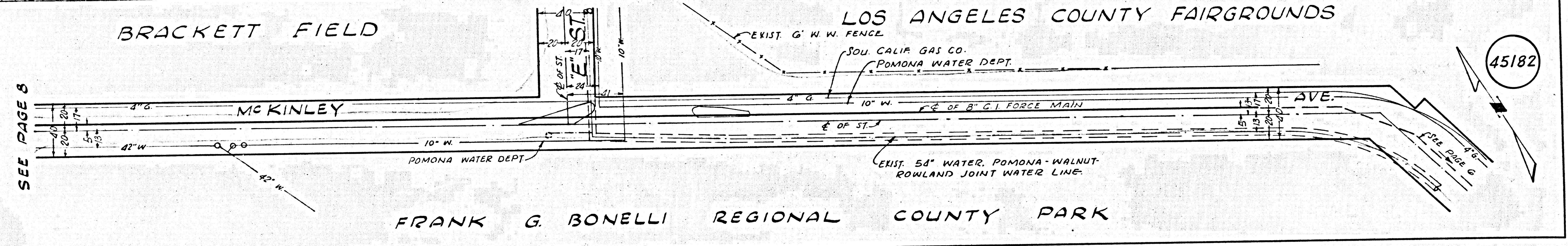
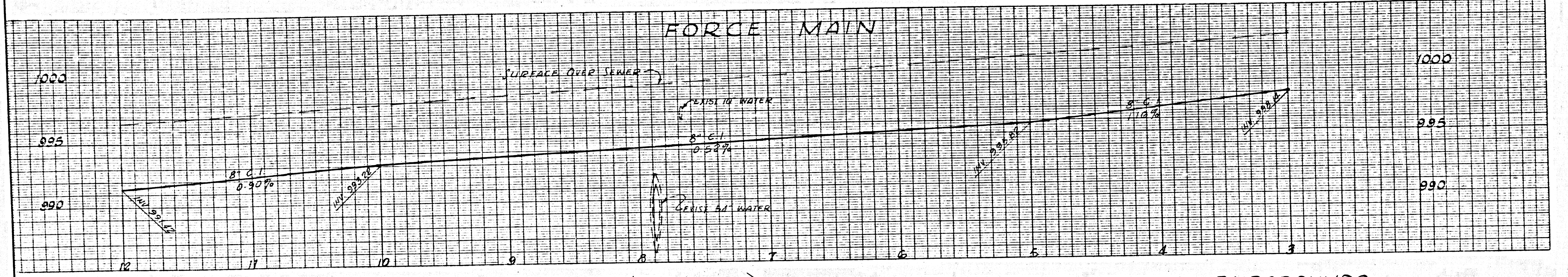
ISSUE NO PERMITS CALL SAN. DIV. L.A. CO. ENG.



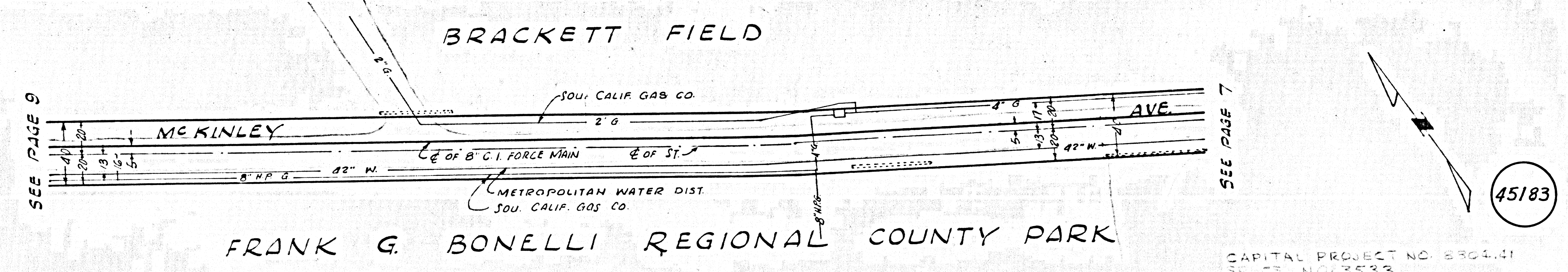
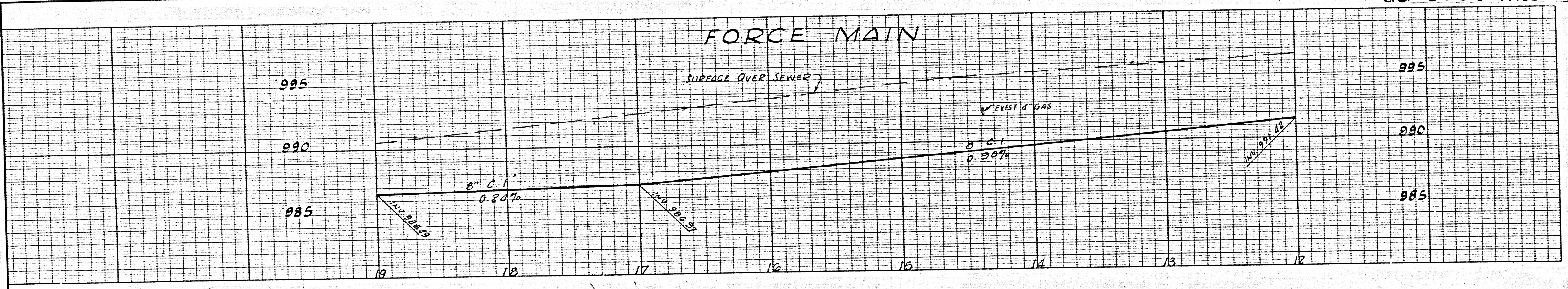
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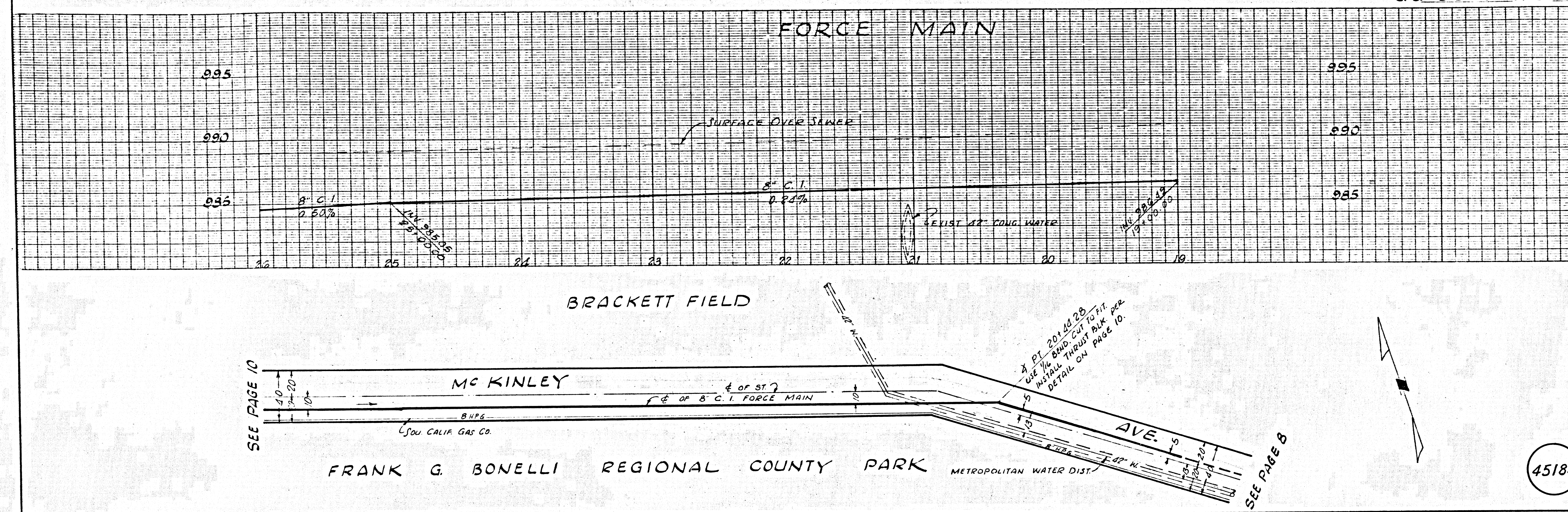


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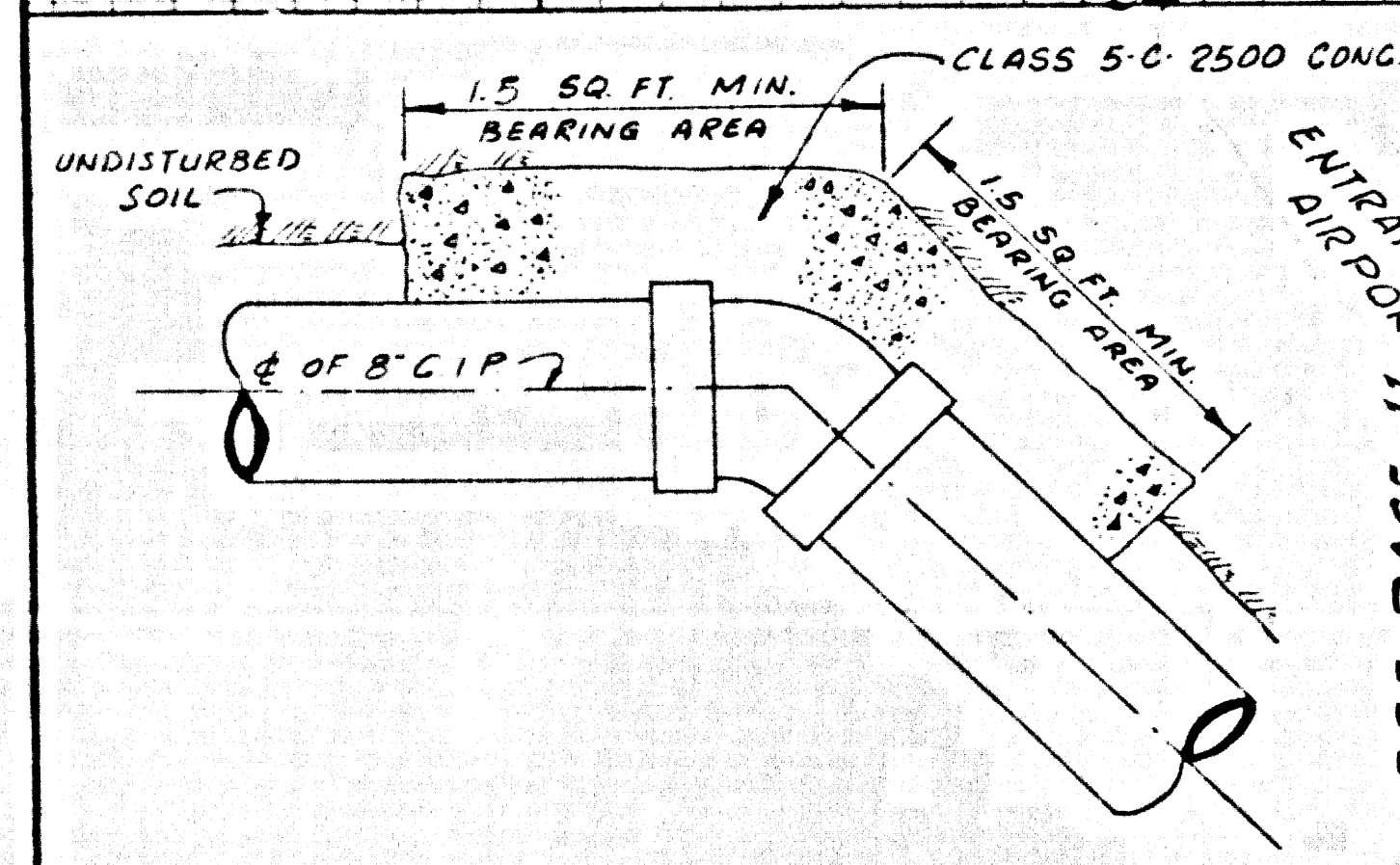
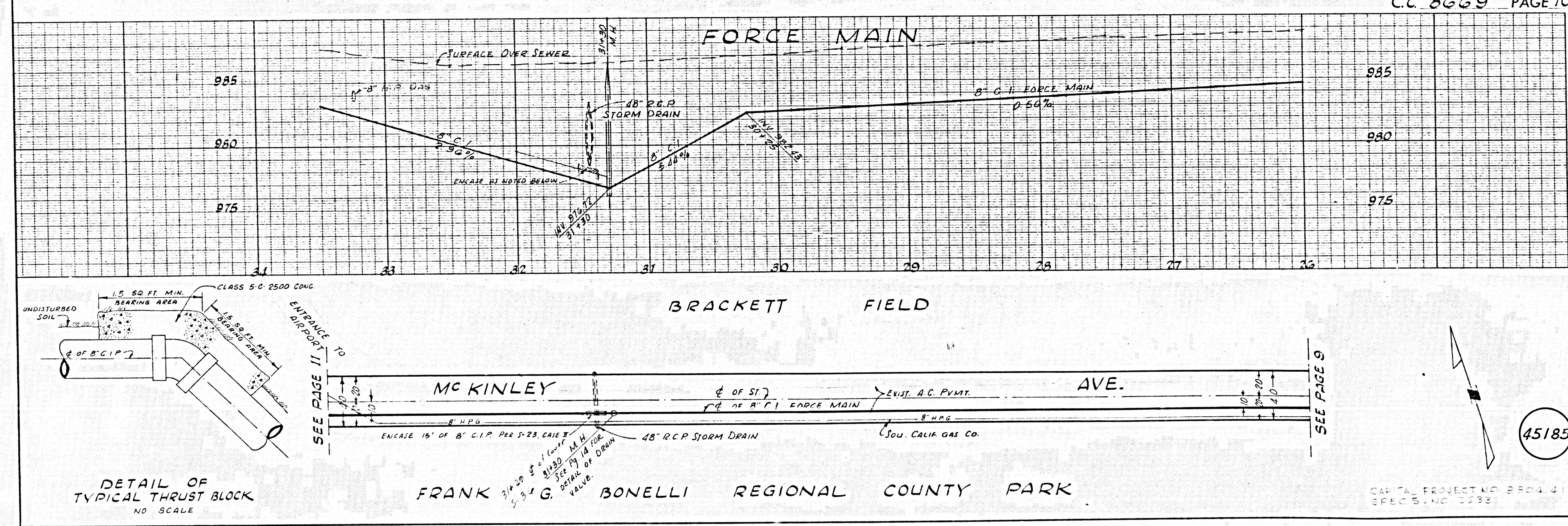


45183

CAPITAL PROJECT NO. 8504.01
SPICE, NOV 25 '83

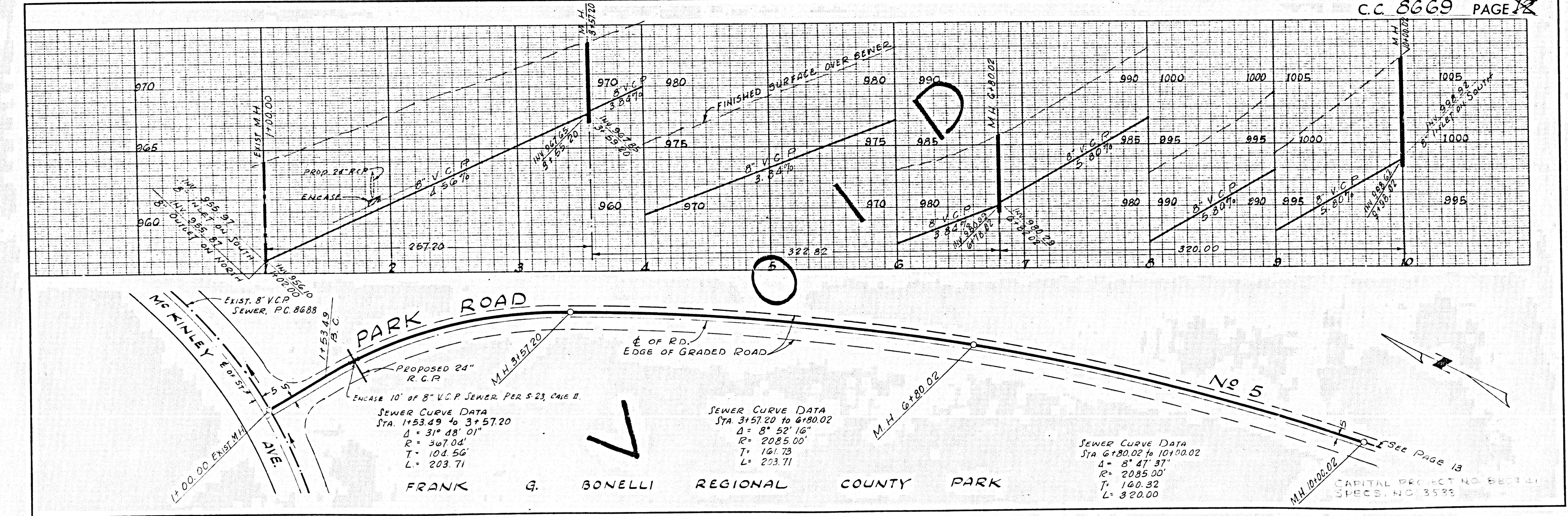
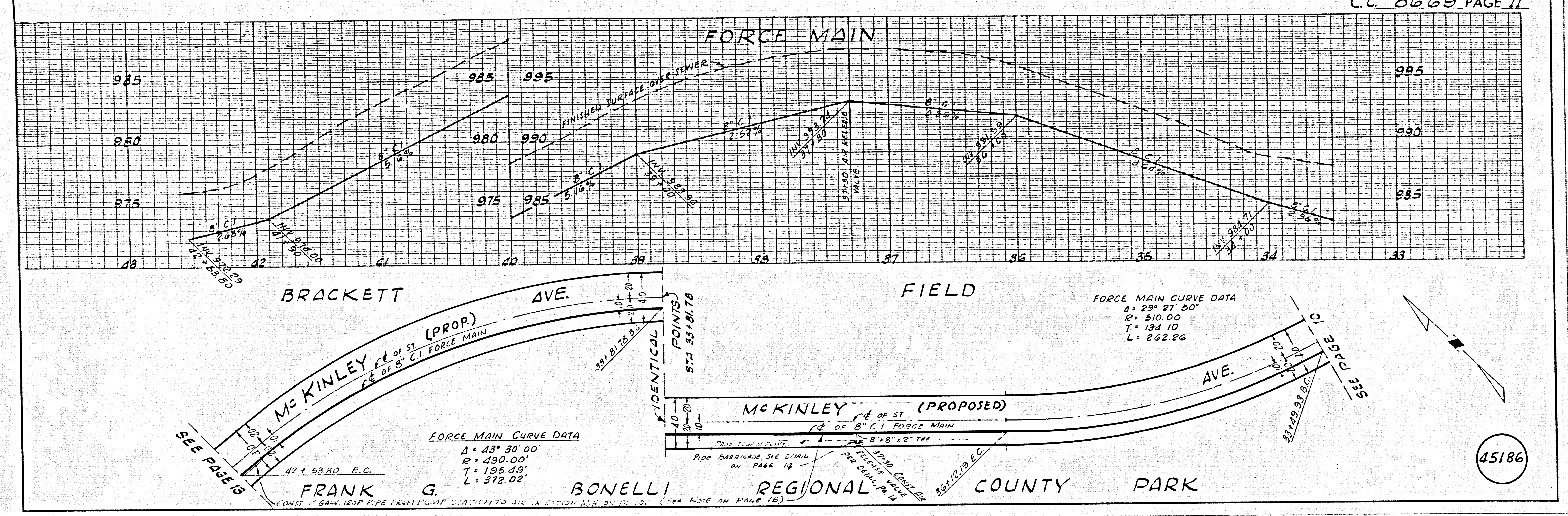


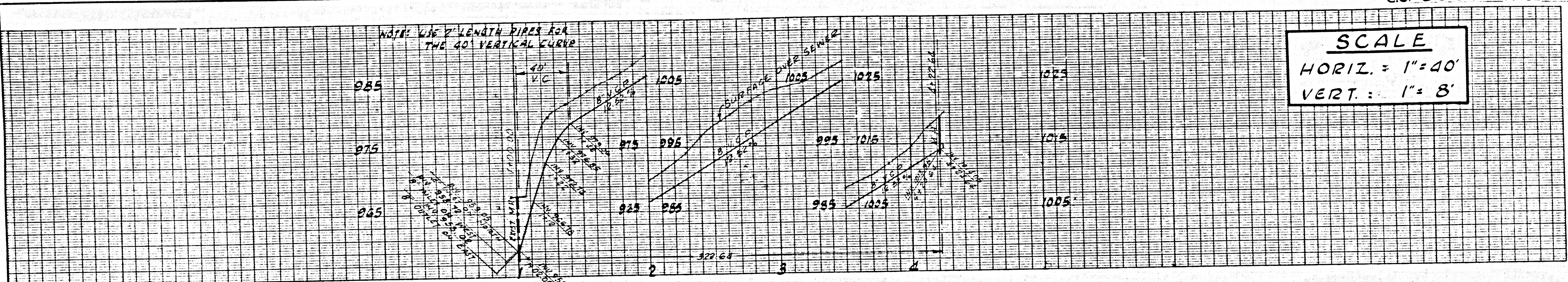
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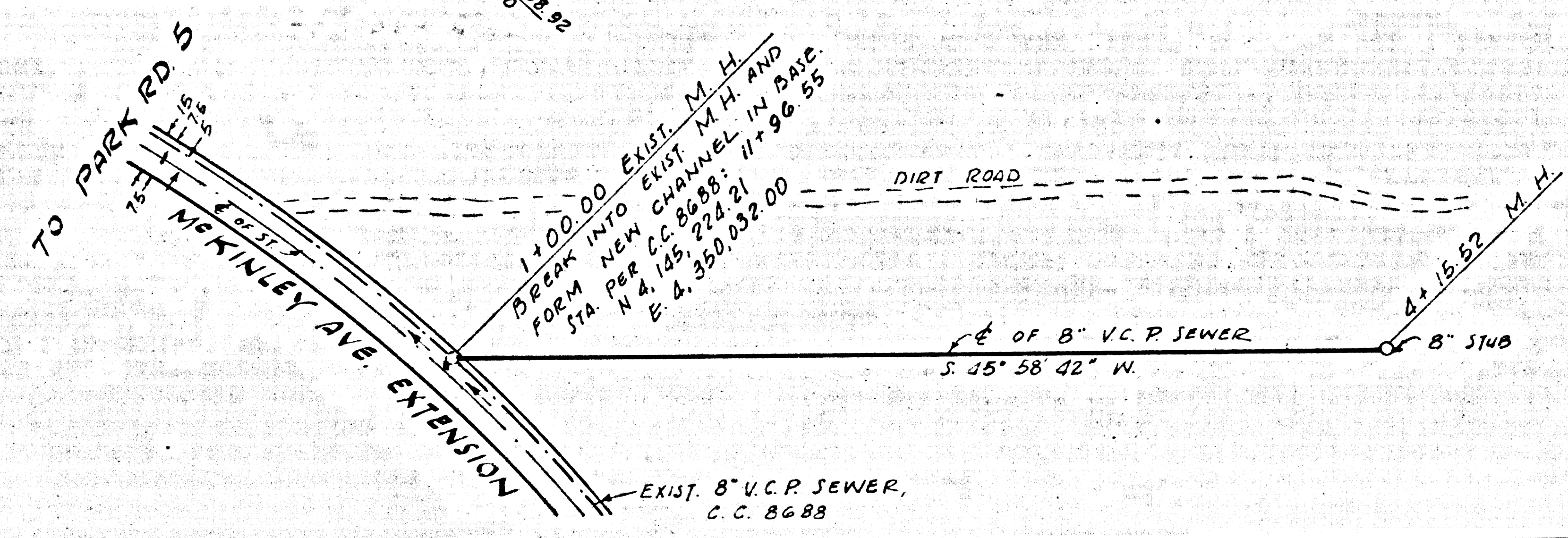
DETAIL OF TYPICAL THRUST BLOCK
NO SCALE

45185

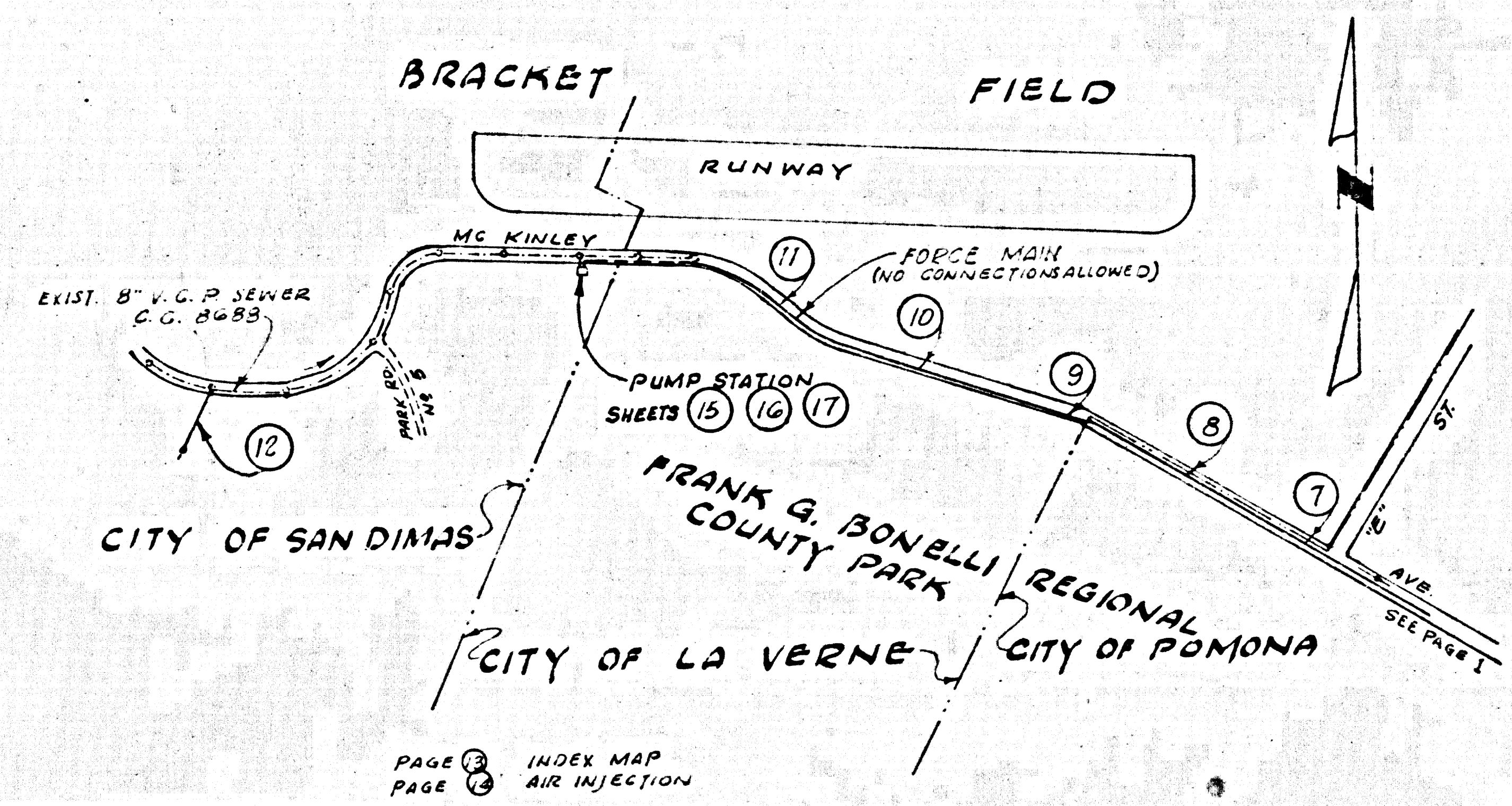
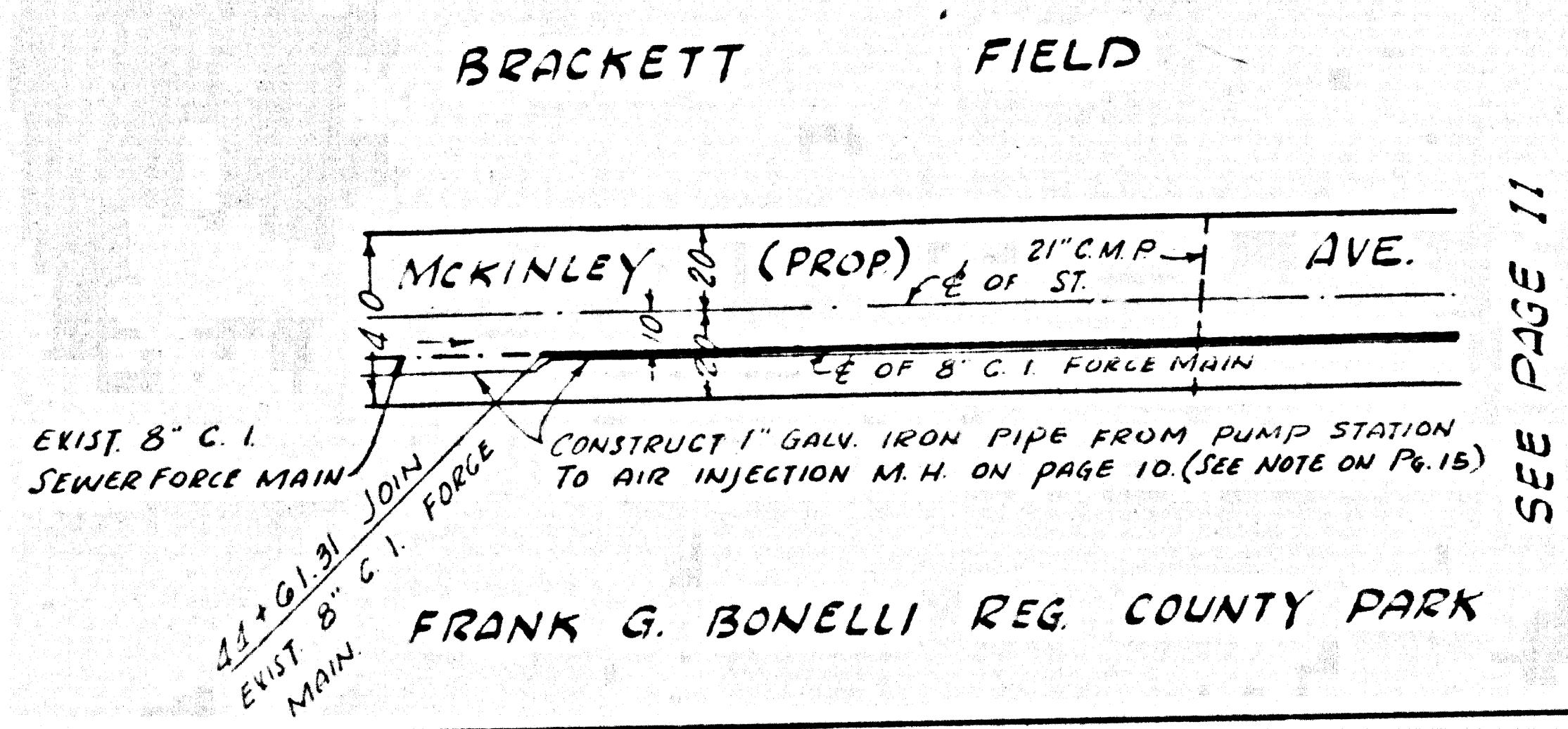
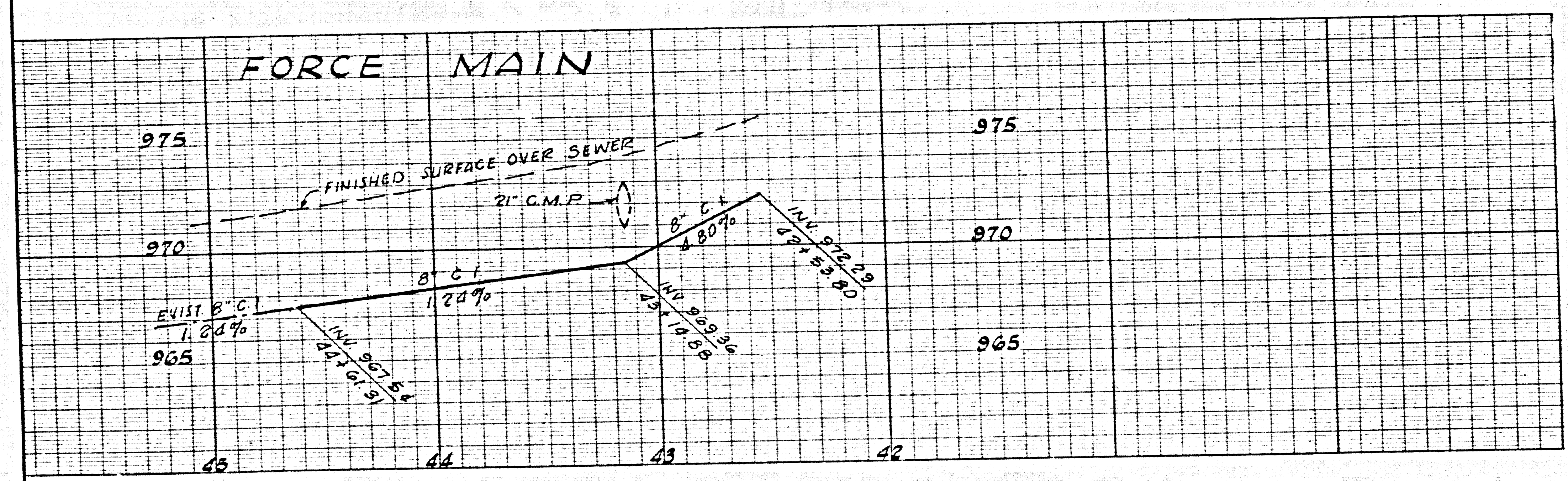




SCALE
 HORIZ. = 1" = 40'
 VERT. = 1" = 8'



45187



45188

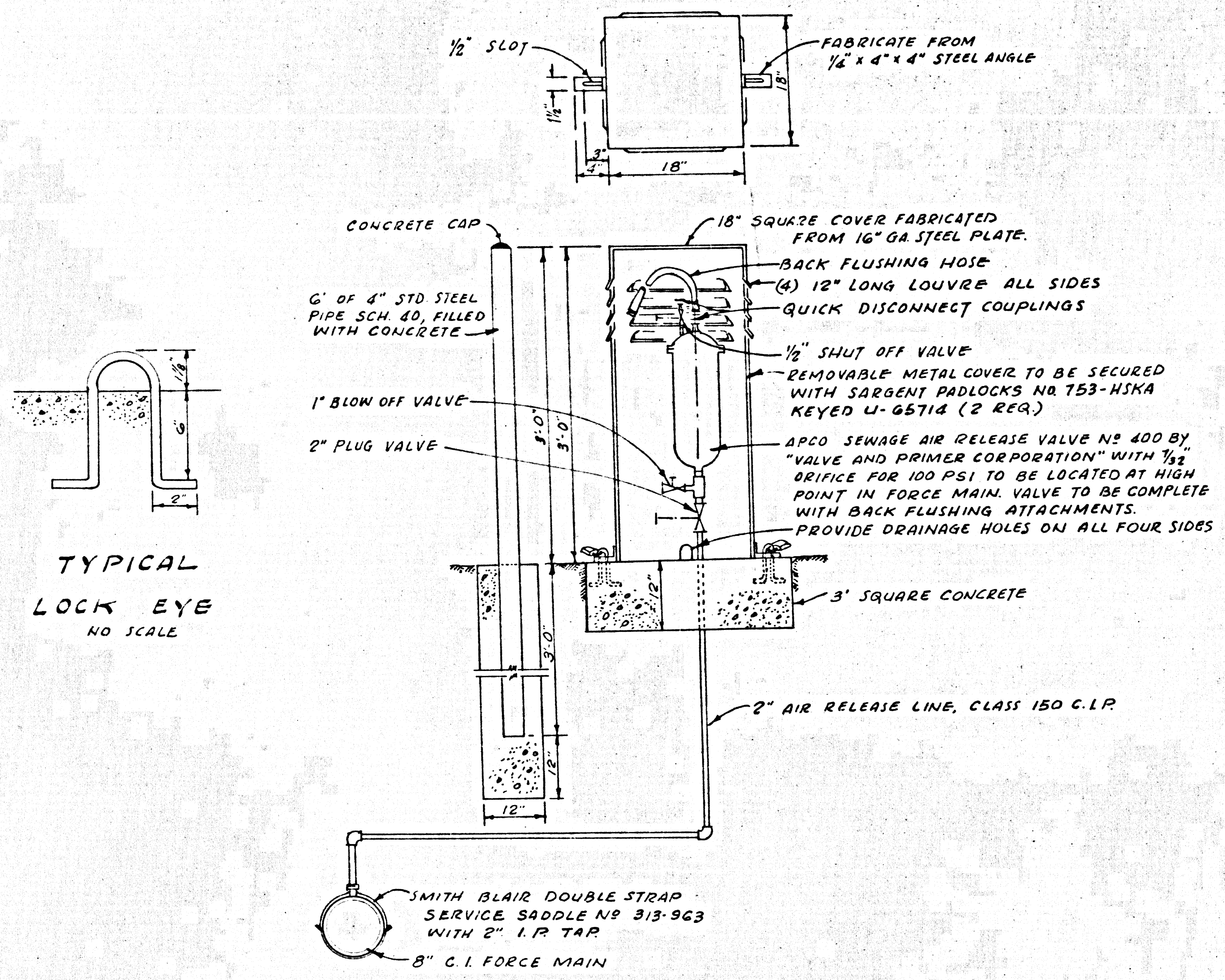
REVISION
 PAGES 6 THROUGH 17 ADDED TO THIS PROJECT

APPROVED COUNTY OF LOS ANGELES
 SANITATION DIVISION
 COUNTY SANITATION DISTRICTS

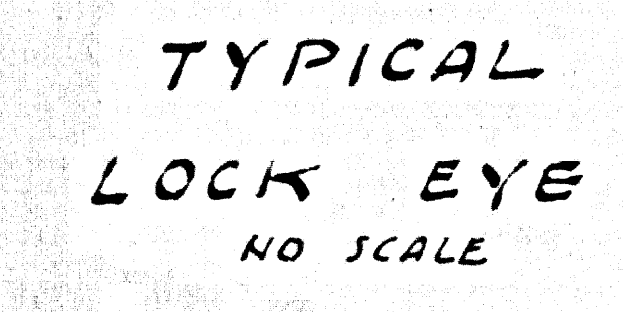
APPROVED CITY OF POMONA
 BY Edward R. [Signature] CITY ENGINEER
 DATE 12/3/75

APPROVED
INDEX MAP
 SCALE: 1" = 600'
 (CONTINUED FROM PAGE 1)

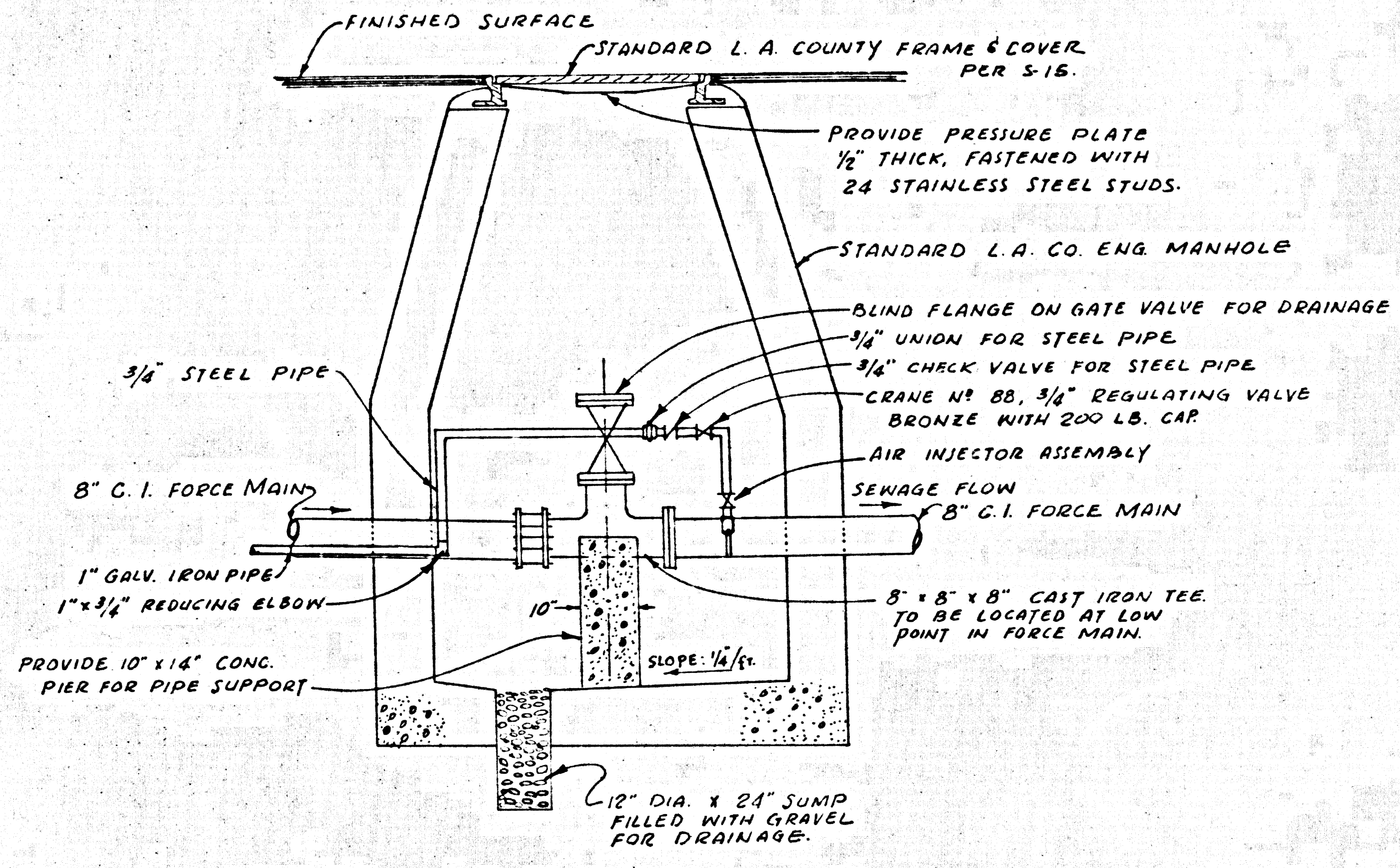
CAPITAL PROJECT NO. 8904-11
 SPEC. NO. 3583



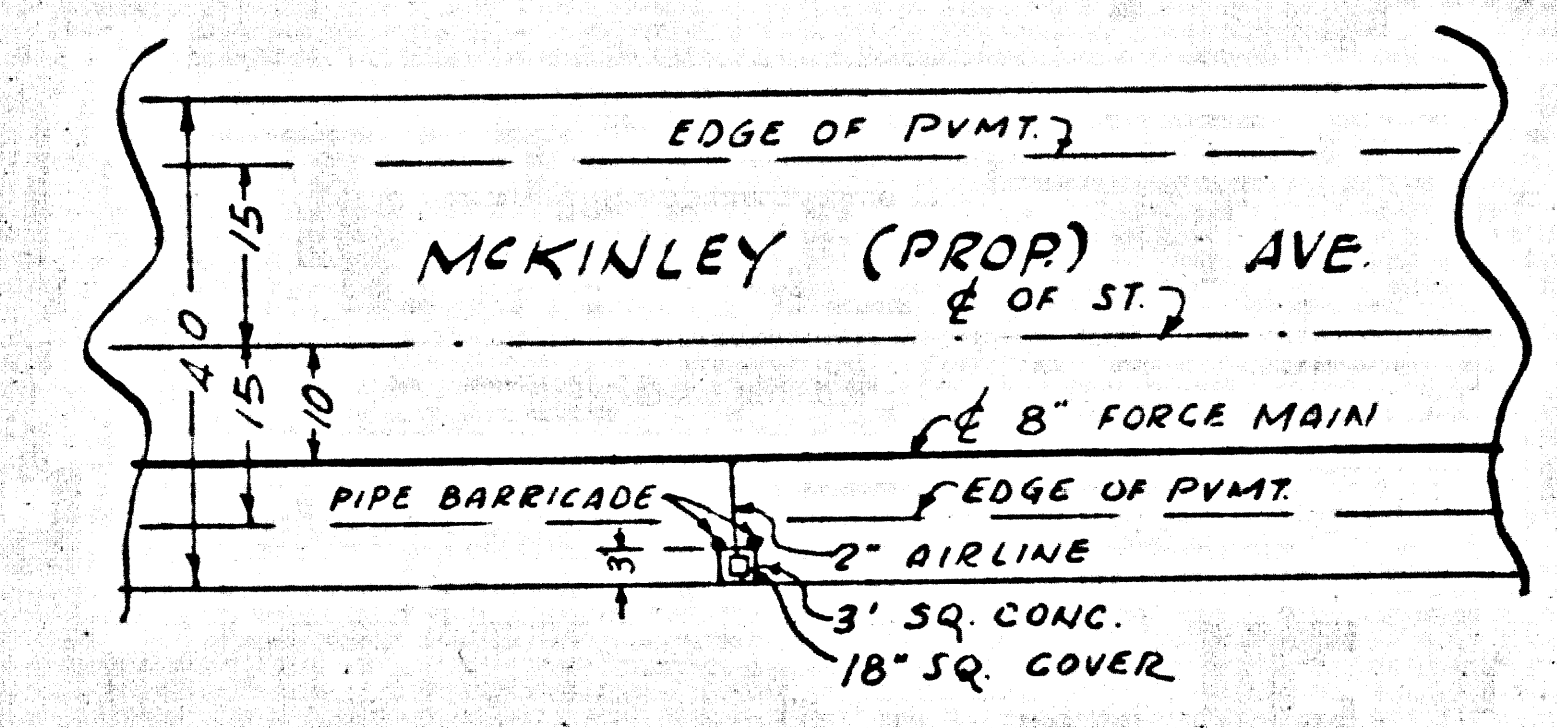
DETAIL OF AIR RELEASE VALVE AND COVER
NO SCALE



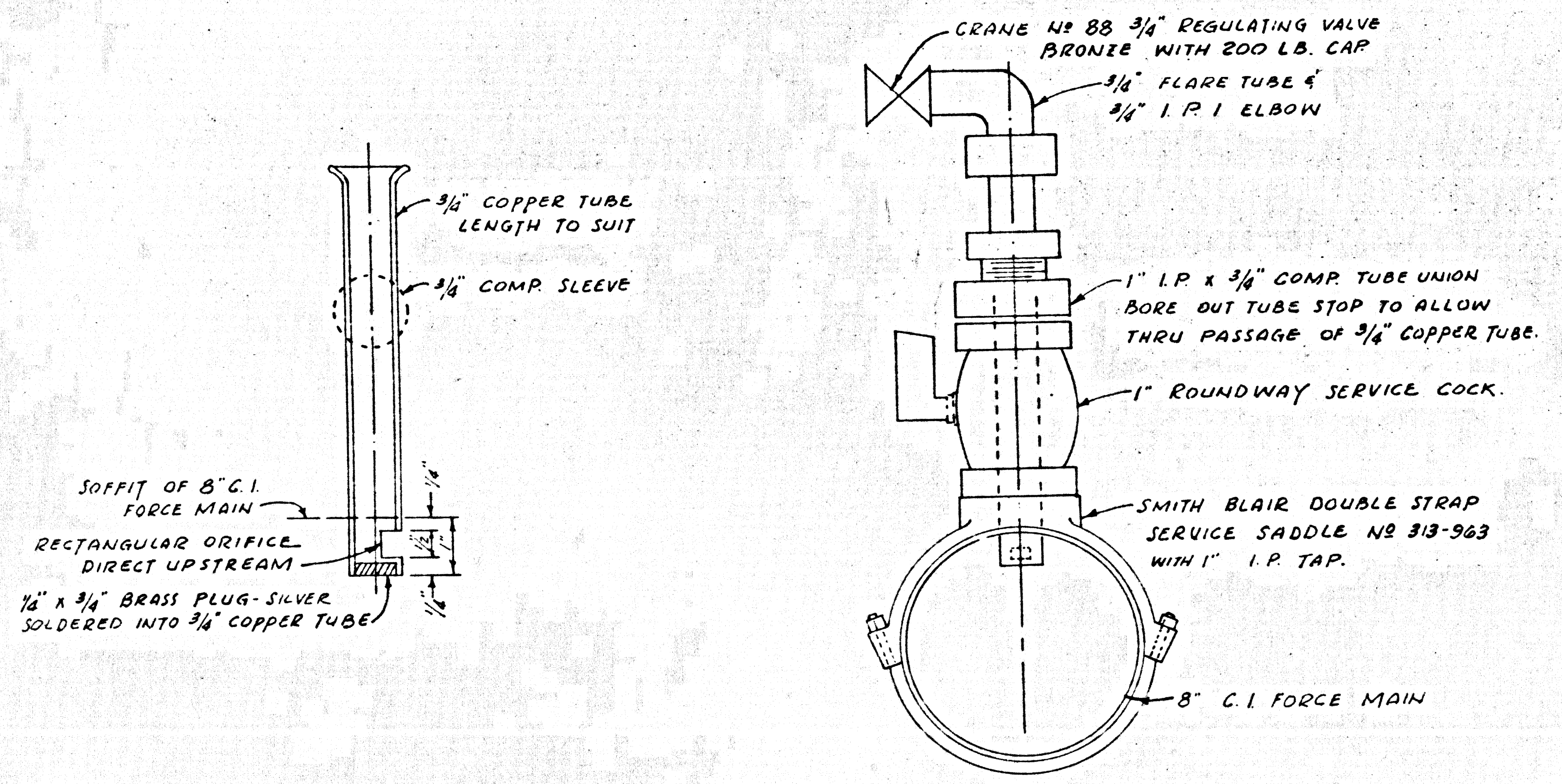
TYPICAL
LOCK EYE
NO SCALE



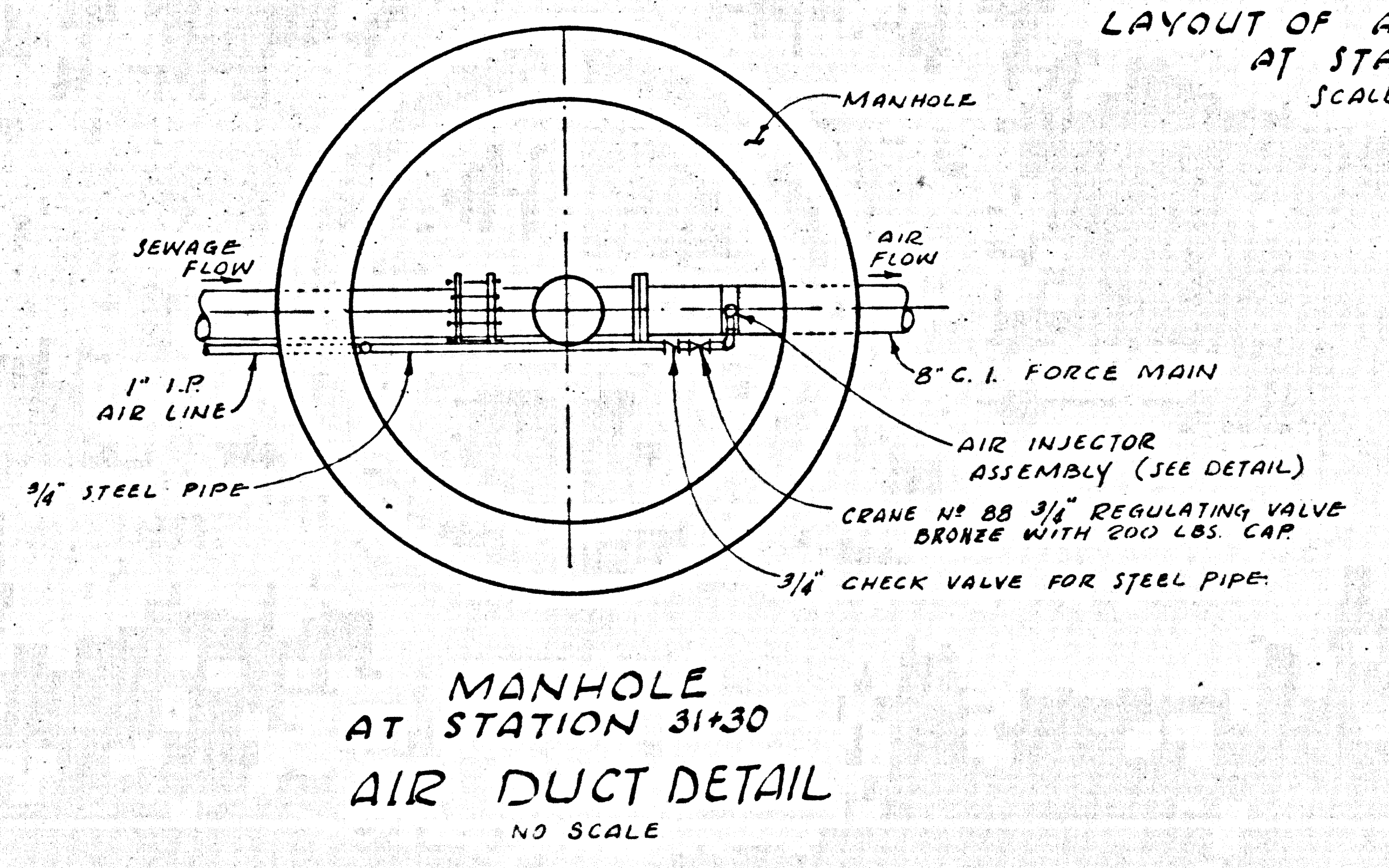
DETAIL OF DRAINAGE VALVE
AT MANHOLE STATION 31+30
NO SCALE



LAYOUT OF AIR RELEASE VALVE
AT STATION 37+30
SCALE: 1" = 20'

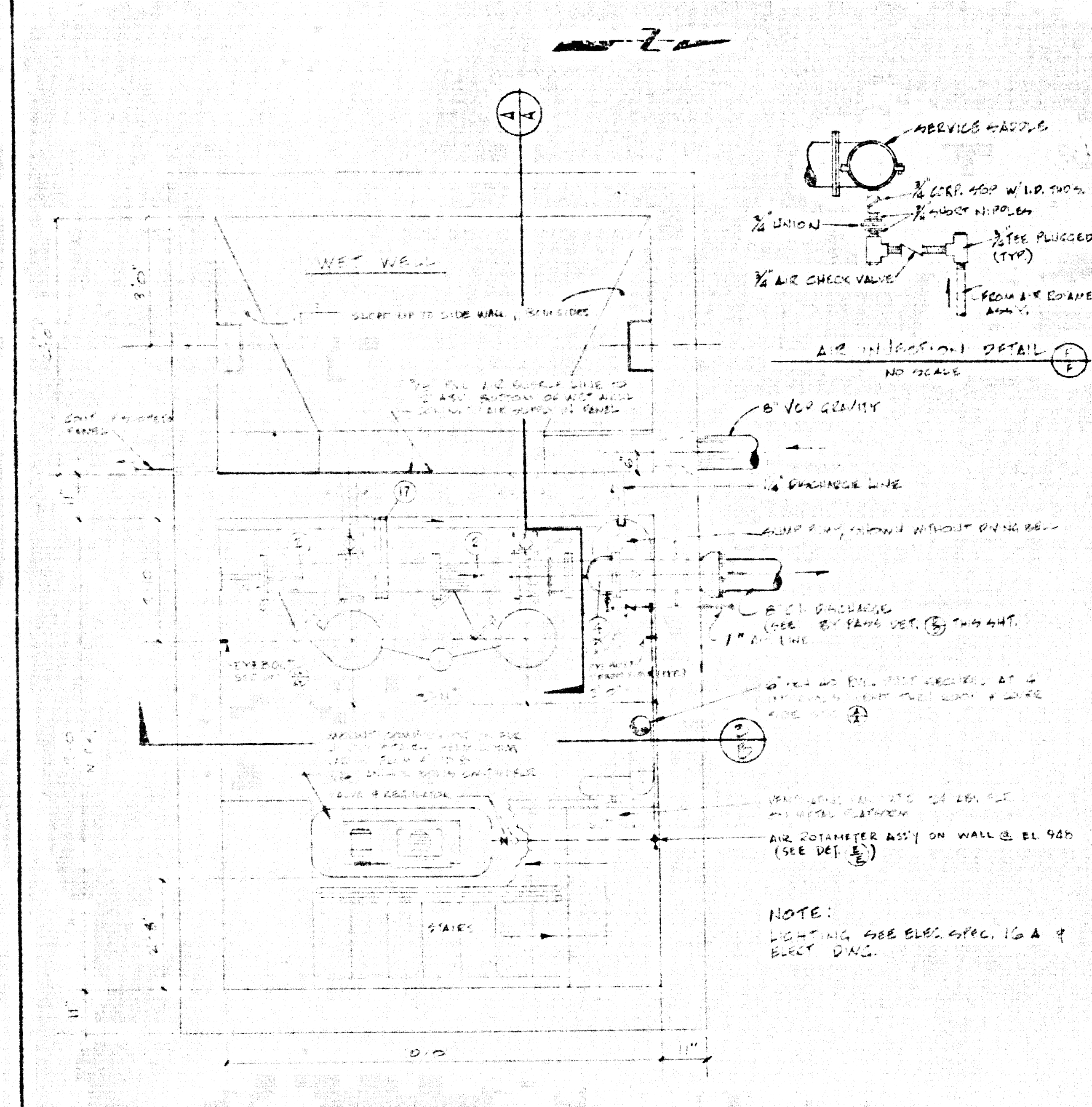


DETAIL AIR INJECTOR ASSEMBLY
NO SCALE

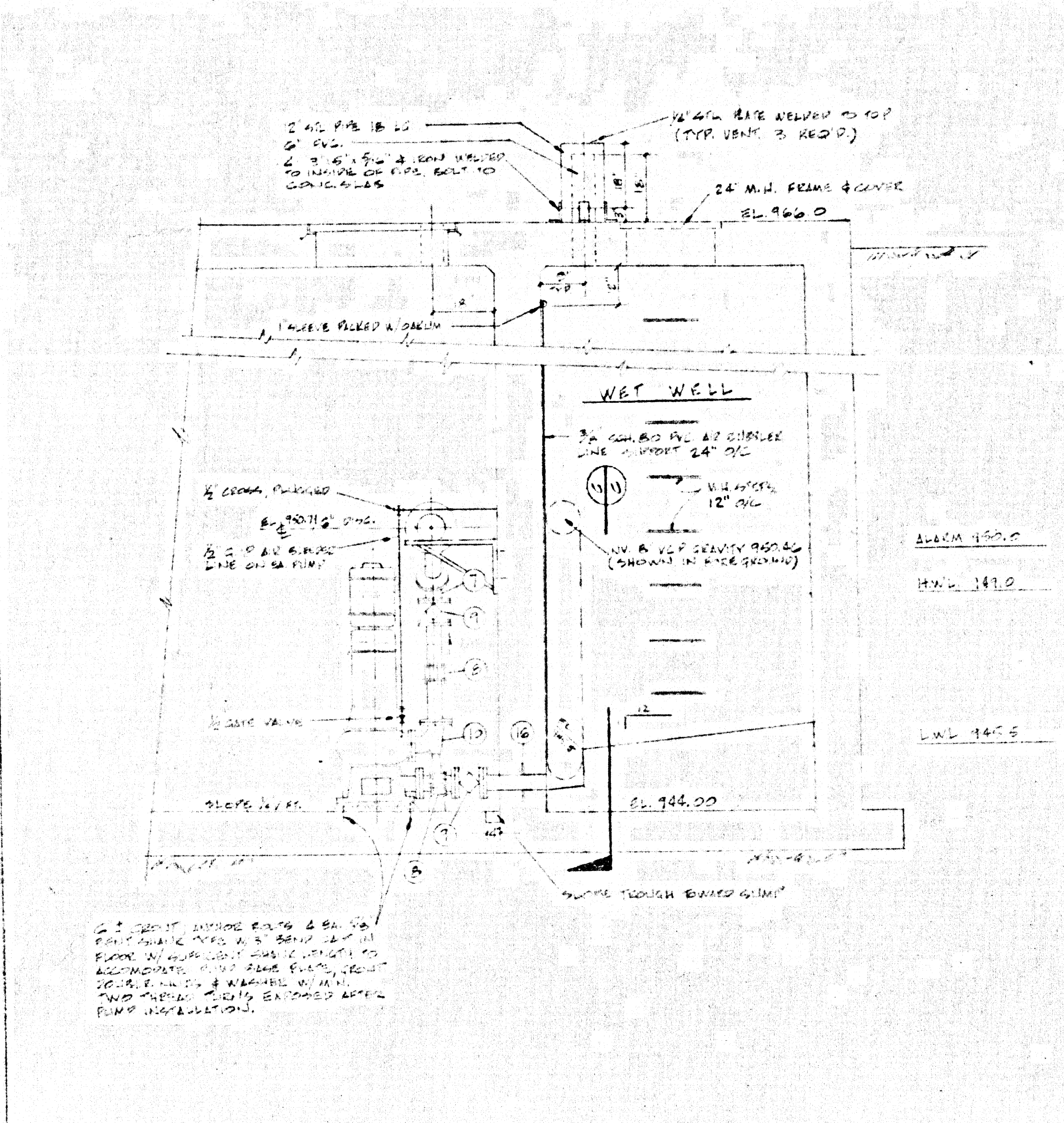


MANHOLE
AT STATION 31+30
AIR DUCT DETAIL
NO SCALE

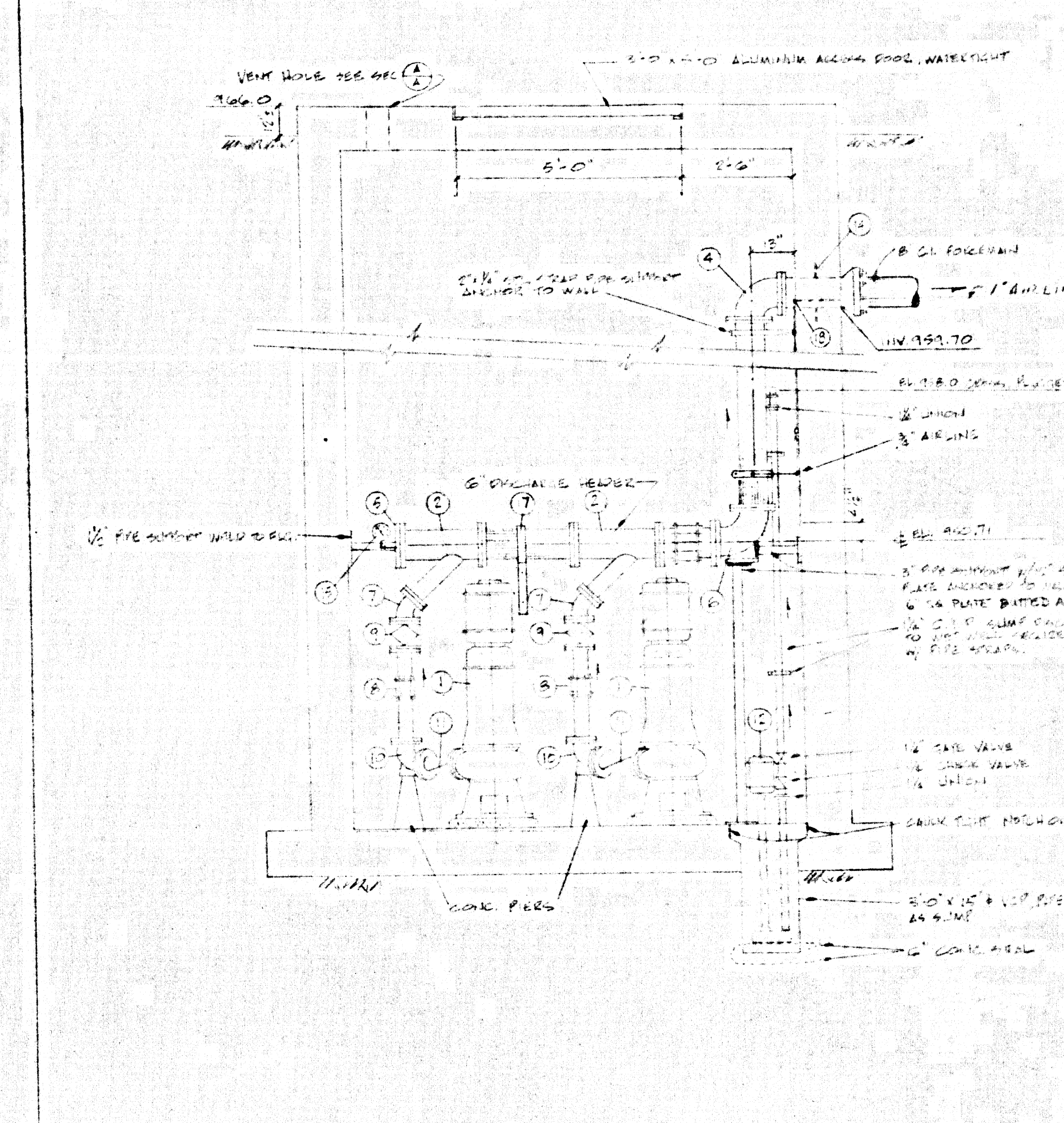
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SEWAGE PUMP STATION PLAN
SCALE 1/8" = 1'-0"



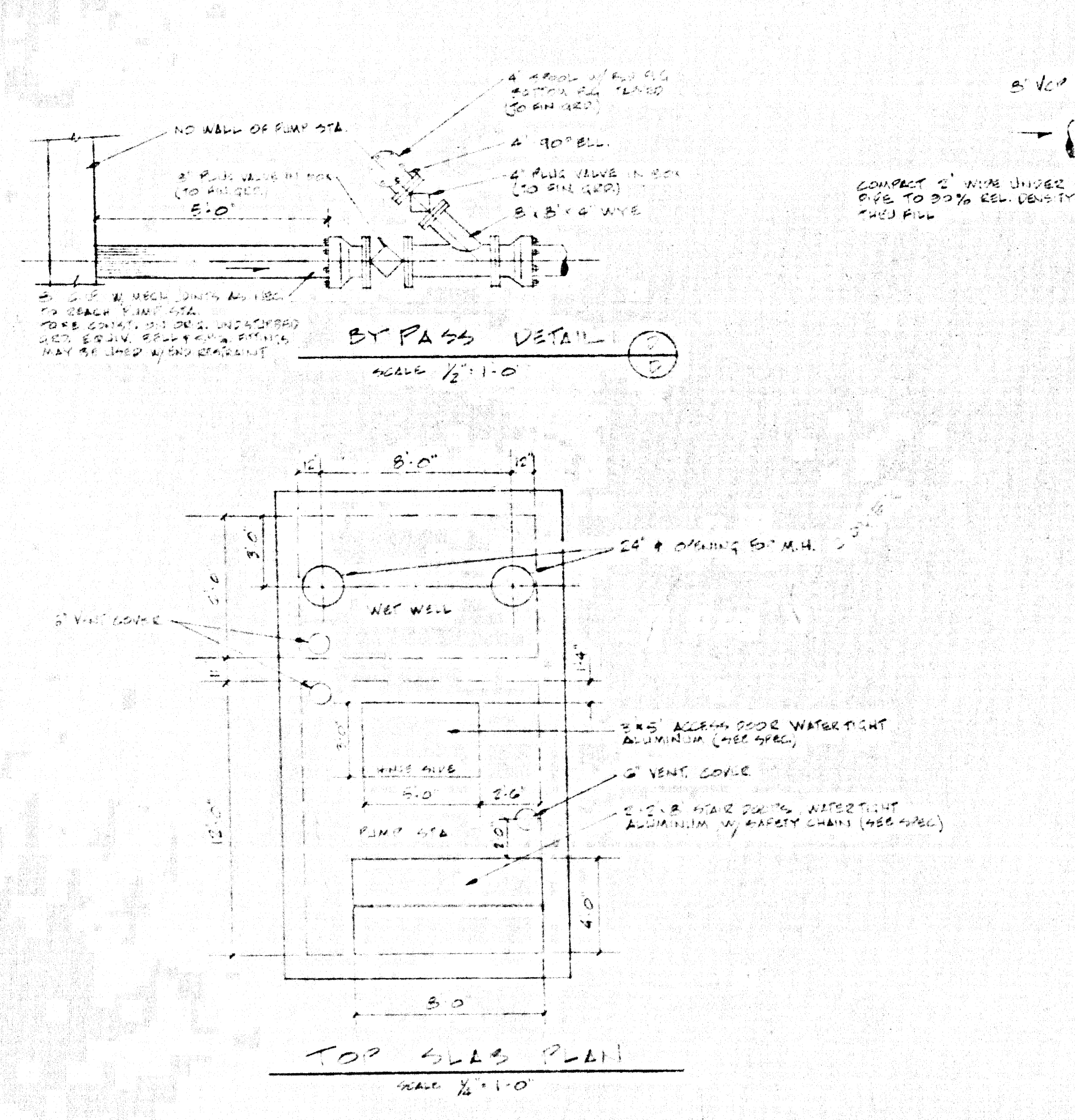
SECTION A-A
SCALE 1/8" = 1'-0"



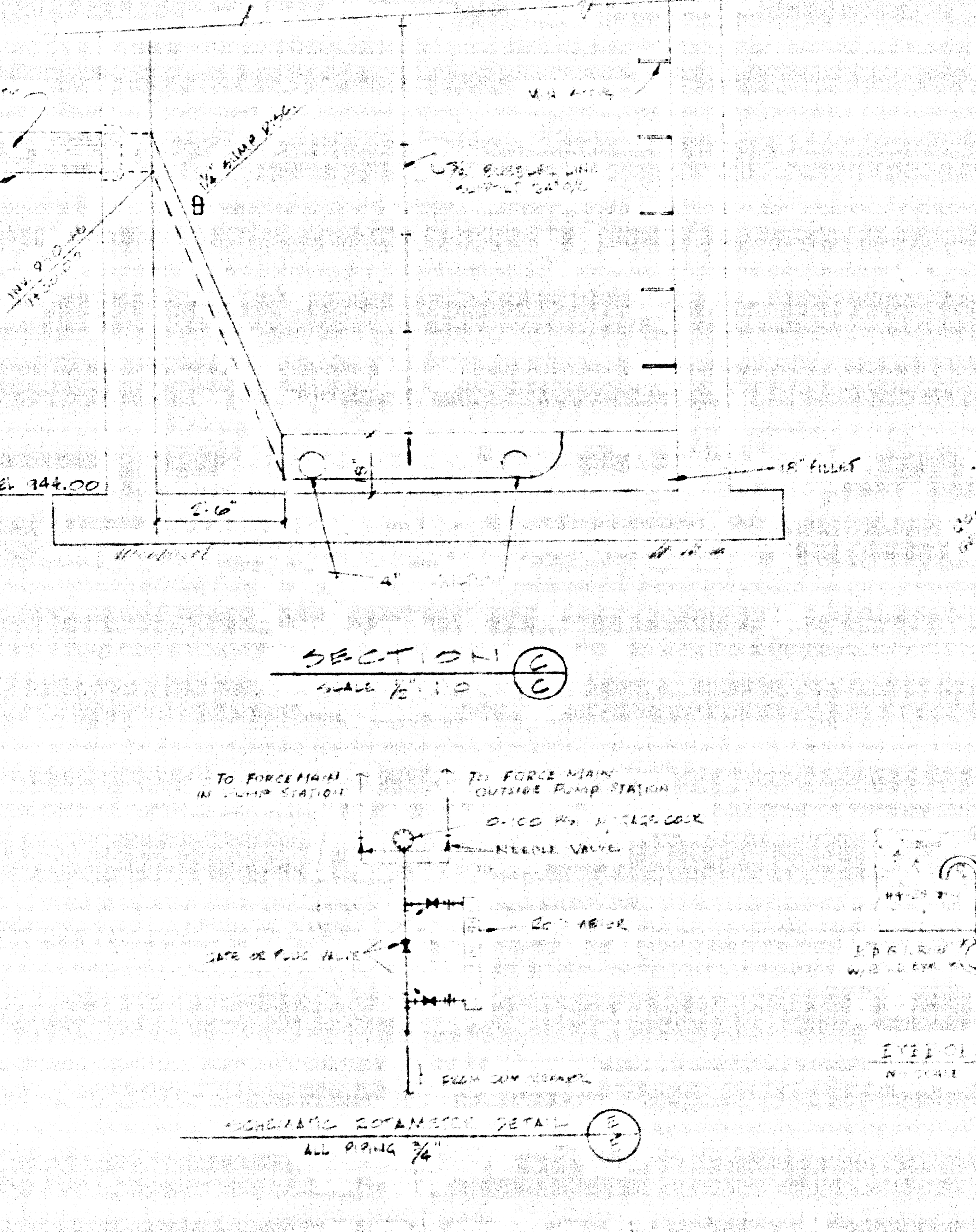
SECTION B-B
SCALE 1/8" = 1'-0"

FOR EQUIPMENT REFER TO SHEET

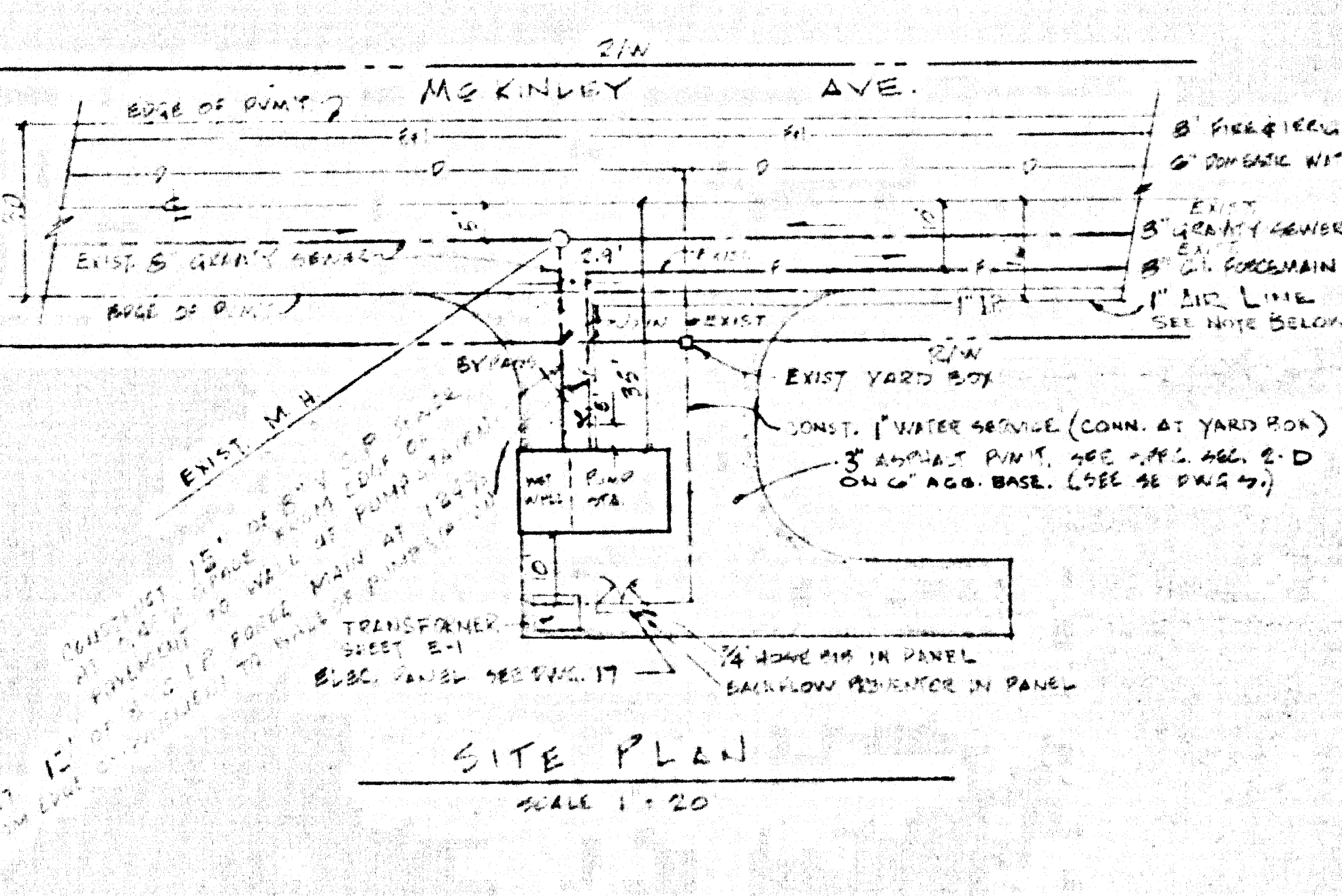
NO.	DESCRIPTION
1	1 1/2" DIA. PUMP
2	1 1/2" DIA. PUMP MOTOR
3	1 1/2" DIA. PUMP MOTOR
4	1 1/2" DIA. PUMP MOTOR
5	1 1/2" DIA. PUMP MOTOR
6	1 1/2" DIA. PUMP MOTOR
7	1 1/2" DIA. PUMP MOTOR
8	1 1/2" DIA. PUMP MOTOR
9	1 1/2" DIA. PUMP MOTOR
10	1 1/2" DIA. PUMP MOTOR
11	1 1/2" DIA. PUMP MOTOR
12	1 1/2" DIA. PUMP MOTOR
13	1 1/2" DIA. PUMP MOTOR
14	1 1/2" DIA. PUMP MOTOR
15	1 1/2" DIA. PUMP MOTOR
16	1 1/2" DIA. PUMP MOTOR
17	1 1/2" DIA. PUMP MOTOR
18	1 1/2" DIA. PUMP MOTOR



TOP VIEW OF WET WELL
SCALE 1/8" = 1'-0"



SECTION C-C
SCALE 1/8" = 1'-0"



SITE PLAN
SCALE 1/8" = 1'-0"

NOTICE TO CONTRACTOR
CONTRACT APPROXIMATELY 1970
IS TO BE OBTAINED FROM
PUMP AND LINED FROM PUMP
STATION TO STATION CENTER
IN PLACE AT A POINT 100 FT
SOUTH OF STATION CENTER
IN THE SAME SENSE TRENCH TO THE
AIR INJECTION MANHOLE AS
SHOWN ON DRAWING, PAGE 10

45190
P.C. 8669

J.D. PARKHURST
CHIEF ENGINEER OF COUNTY S., DISTRICT 2

APPROVED: *H. T. Brandt* DATE 2-14
DATE 2-14
REVISED

HARVEY T. BRANDT
L.A. COUNTY ENGINEER

APPROVED: *Harvey T. Brandt* DATE 1-1-73
DATE 1-1-73
REVISED

CHECKED BY: *[Signature]*

APPROVED BY: *[Signature]* DATE
DATE
REVISED

15

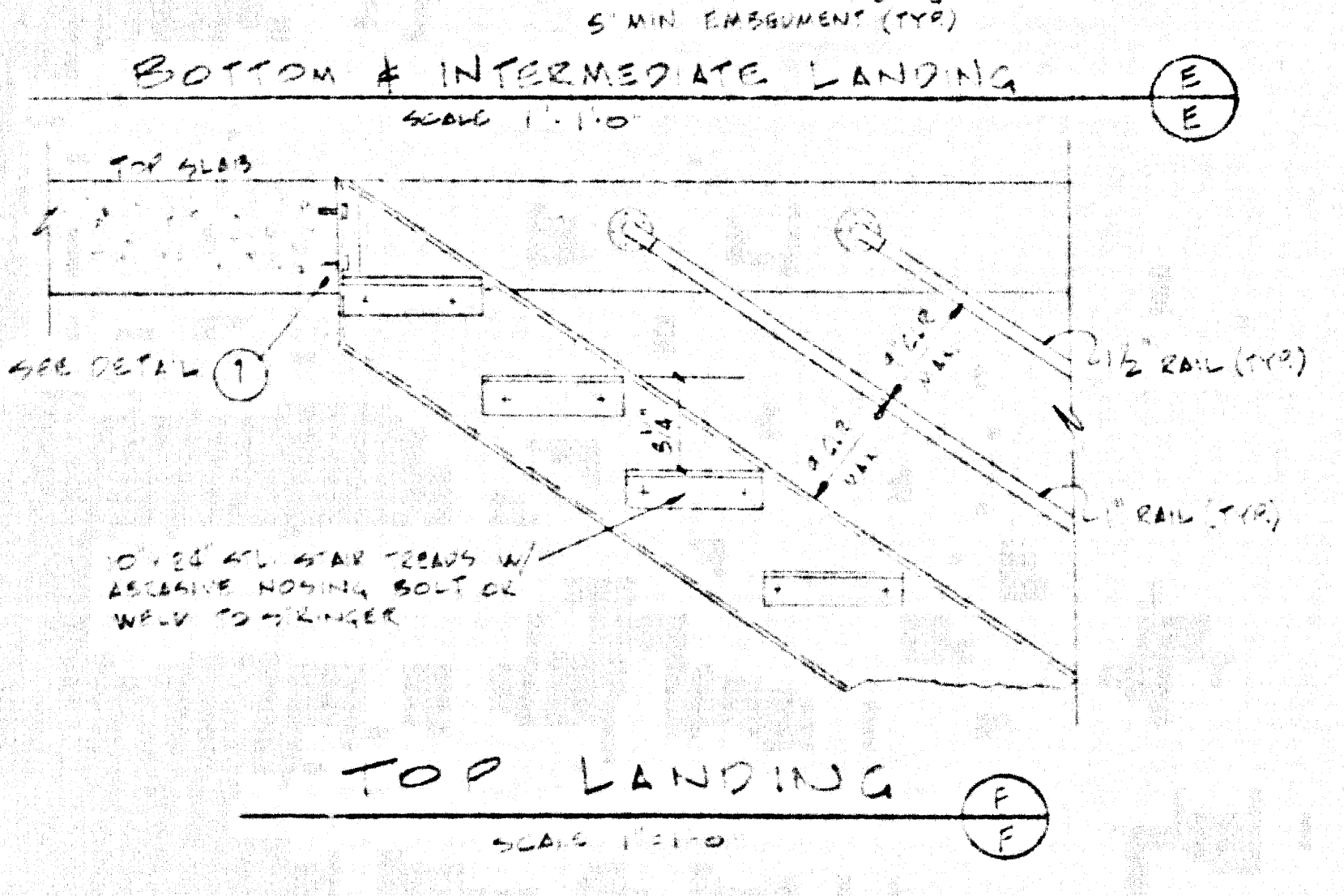
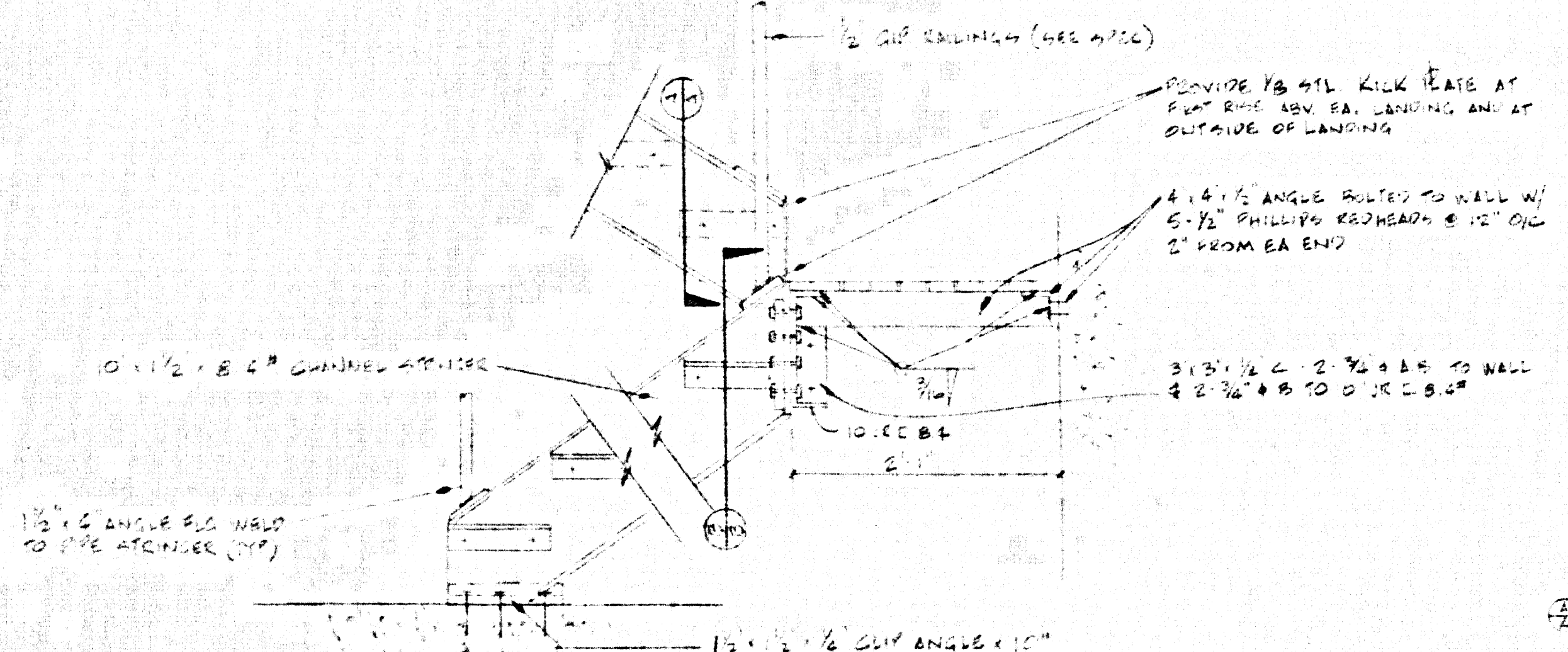
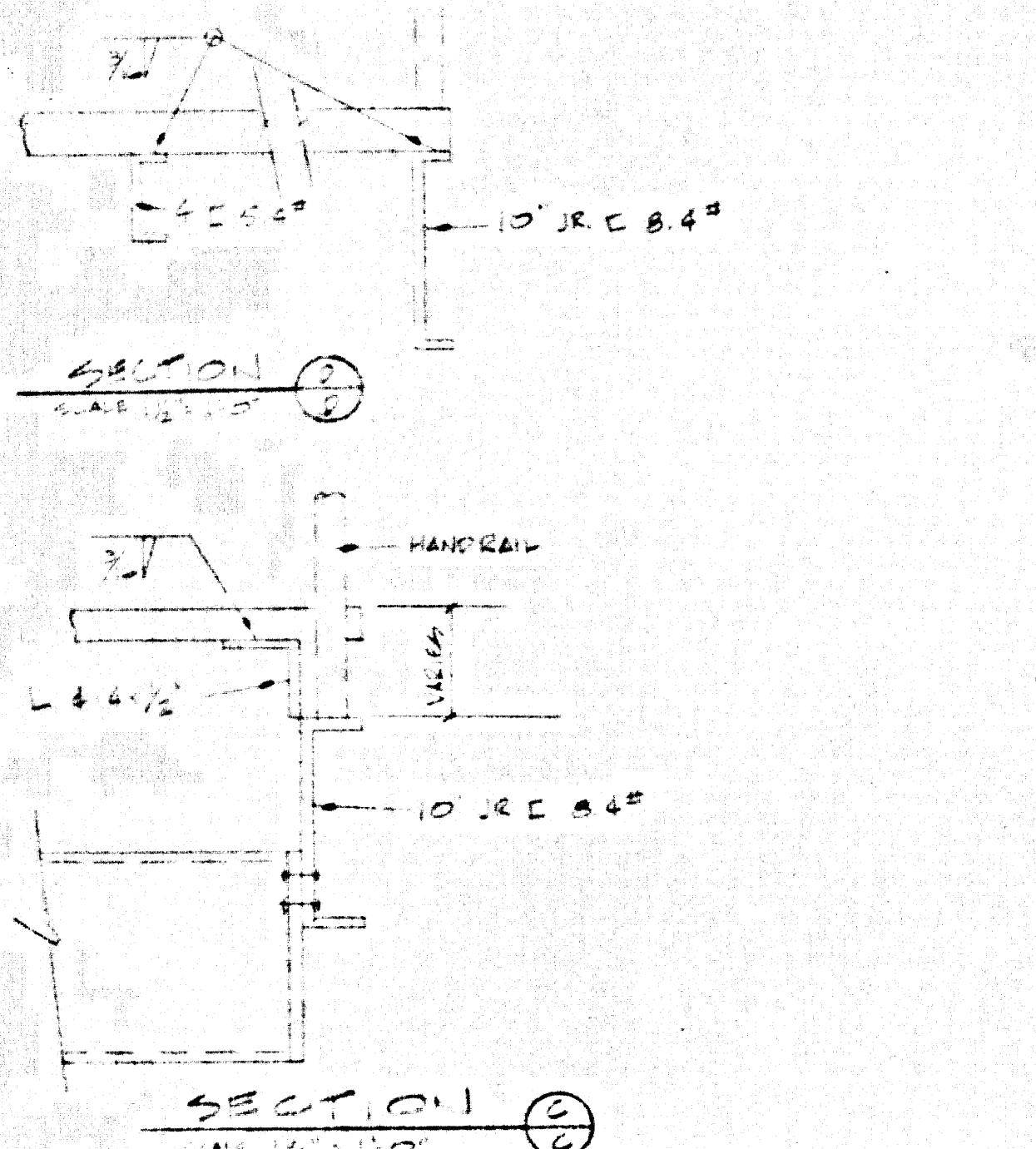
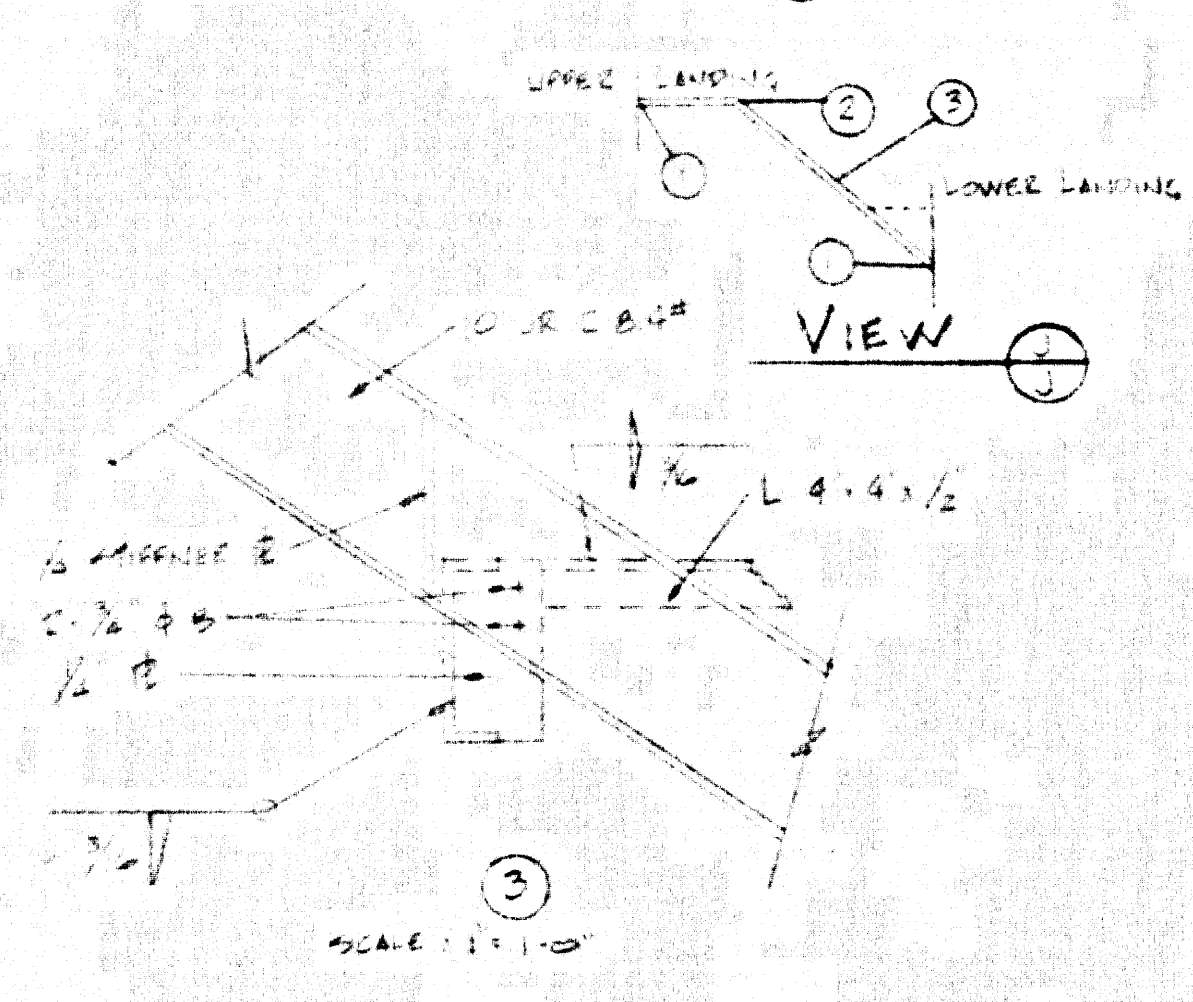
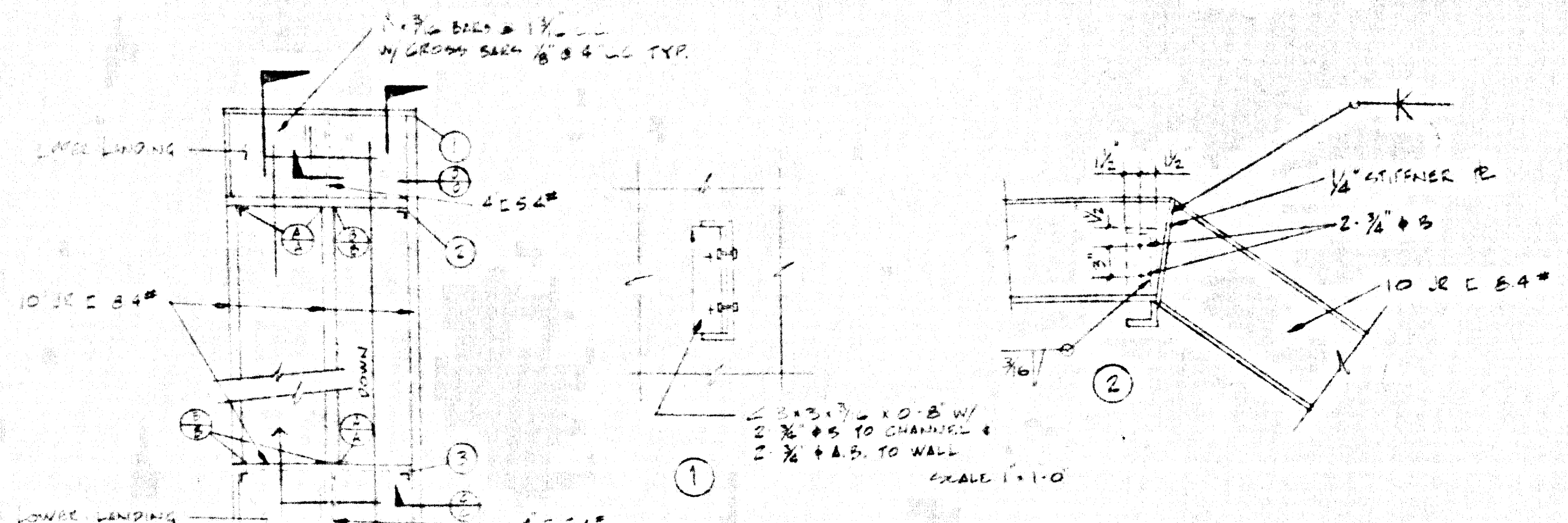
WILLIAMSON, MORRIS & PAICE
275 e. 25th St. Long Beach, Calif. 90806
telephone 213-424-0614

W&P

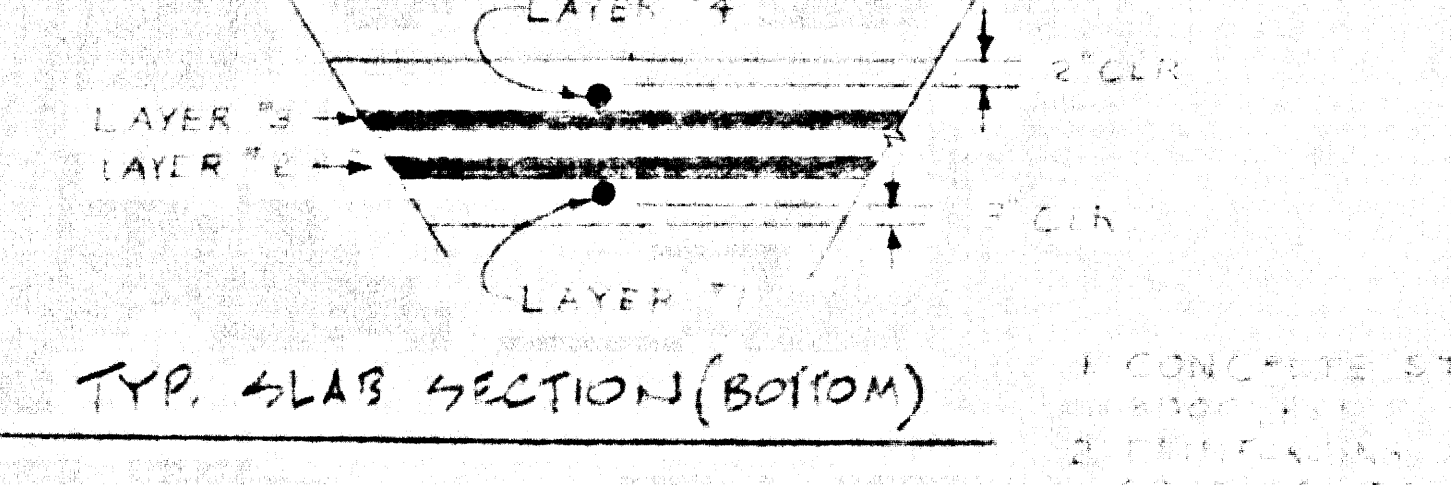
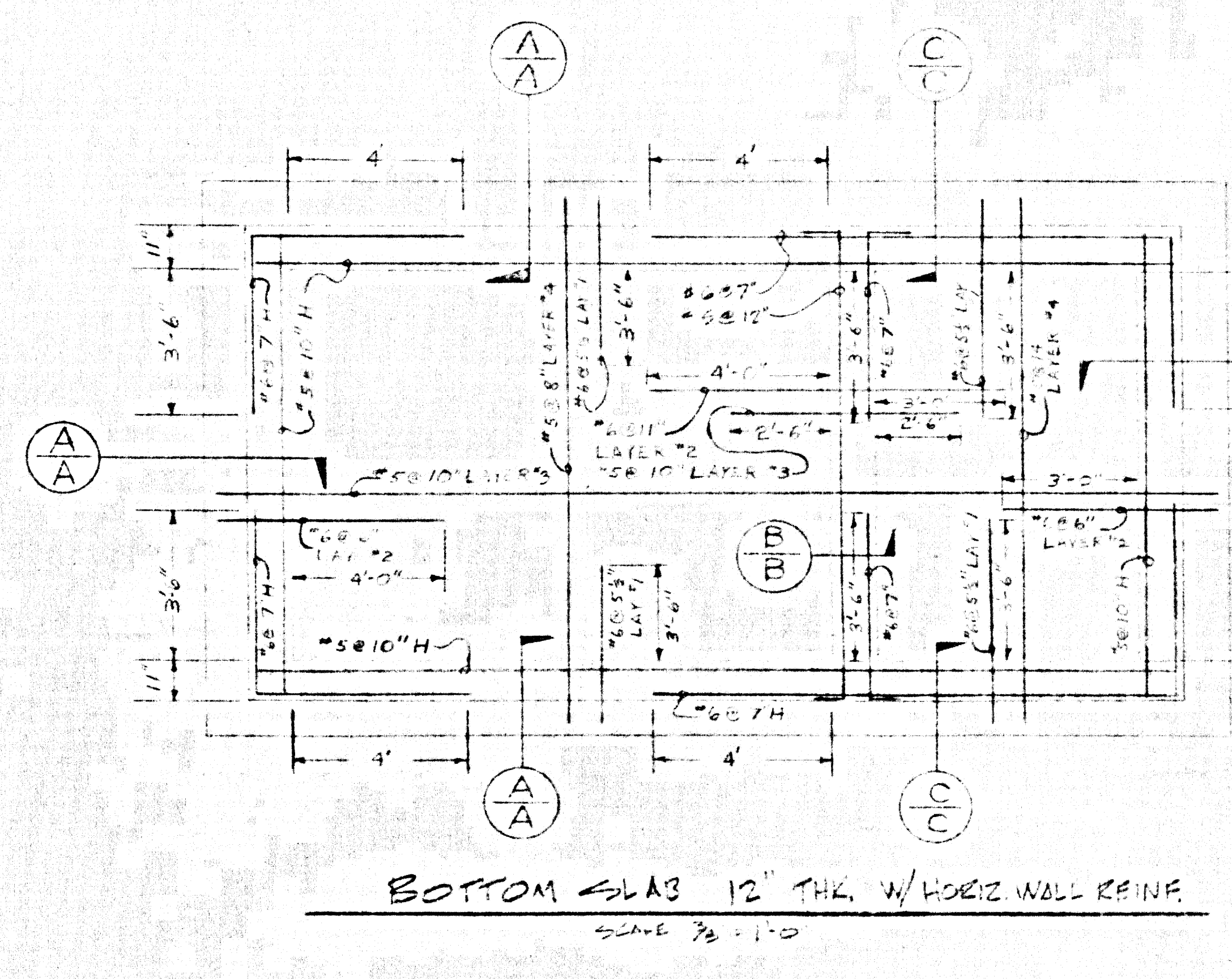
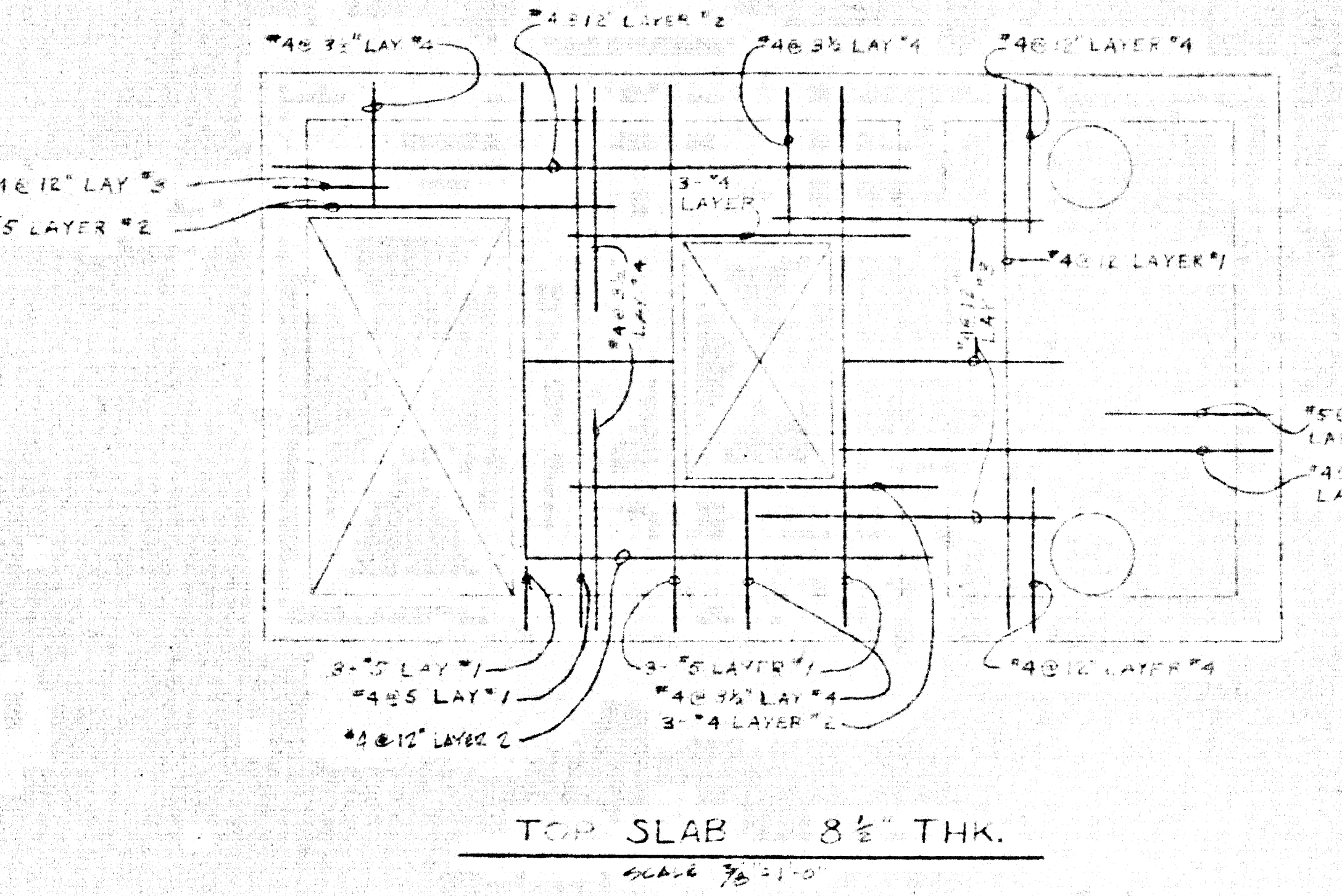
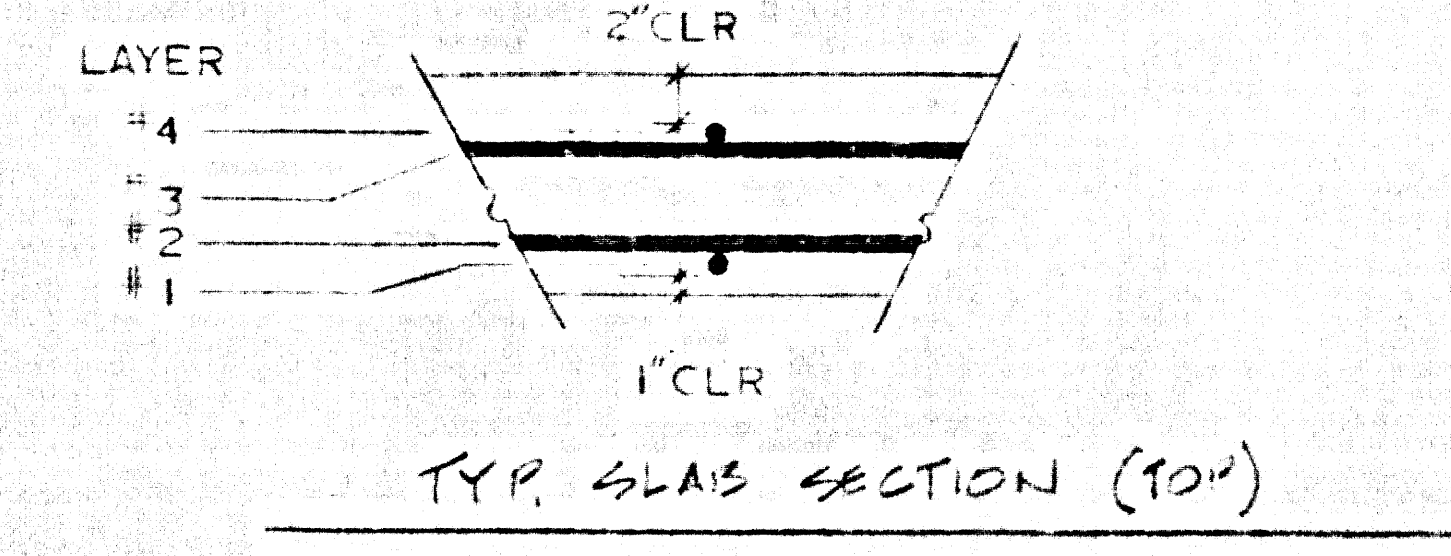
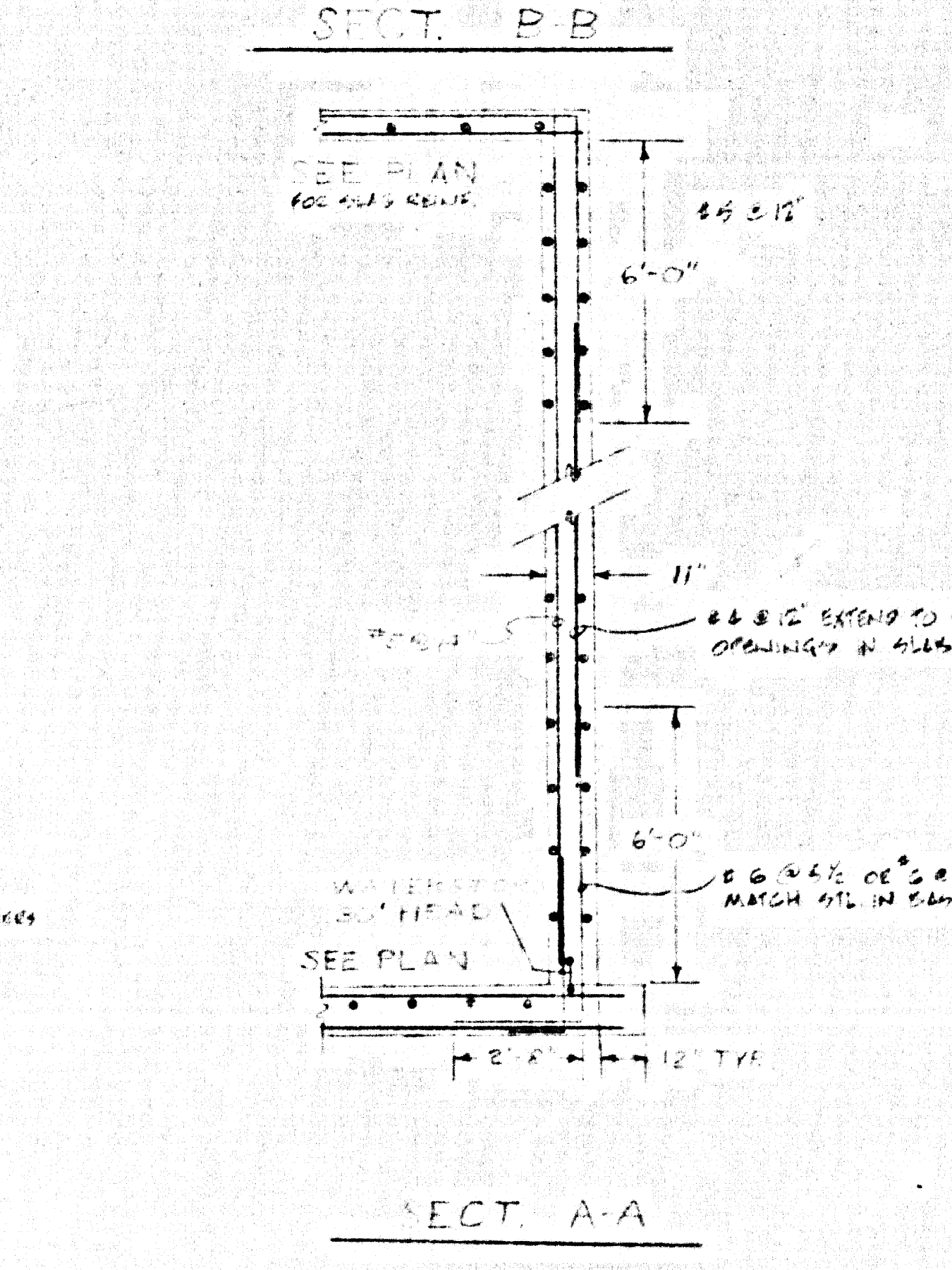
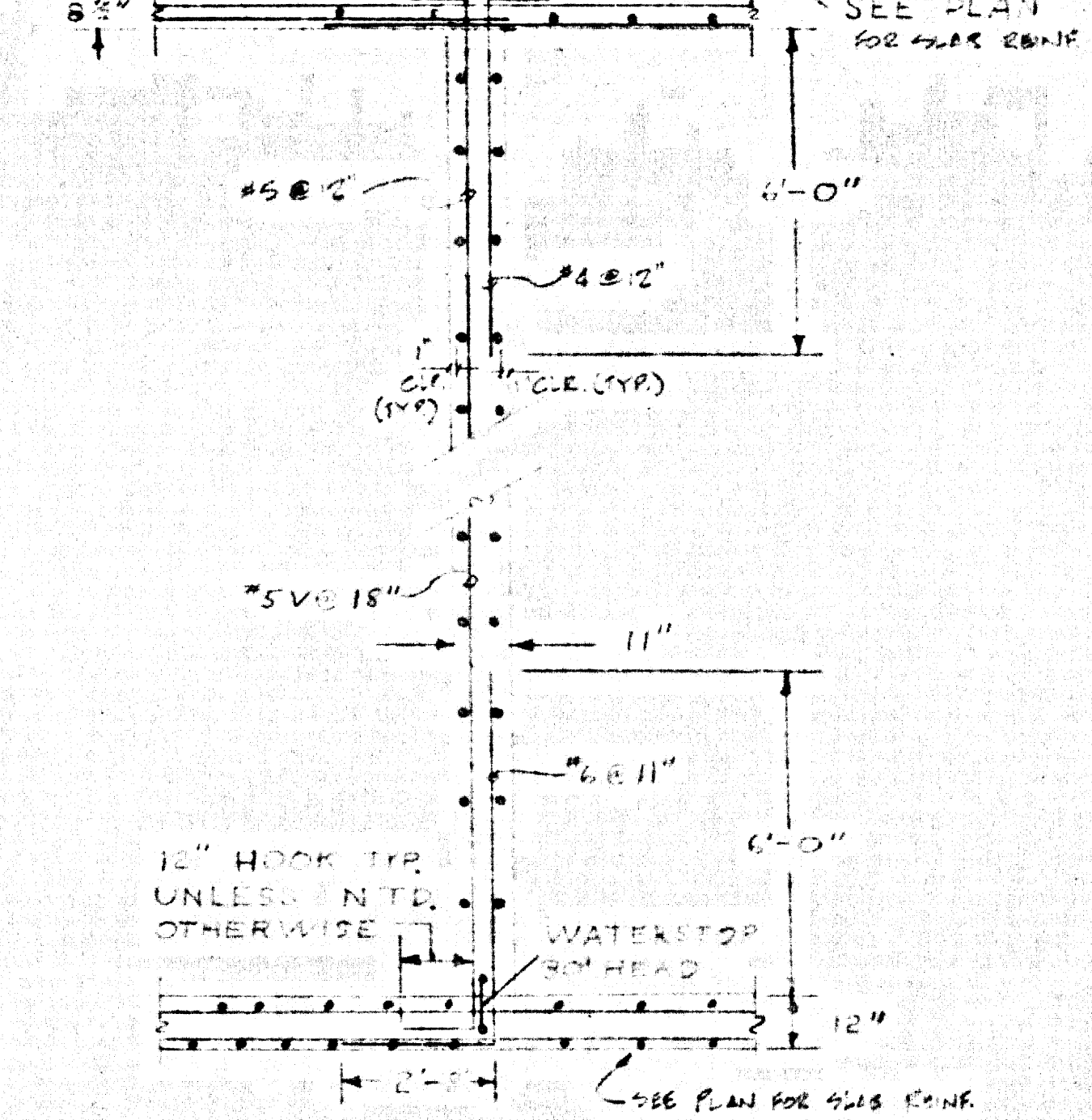
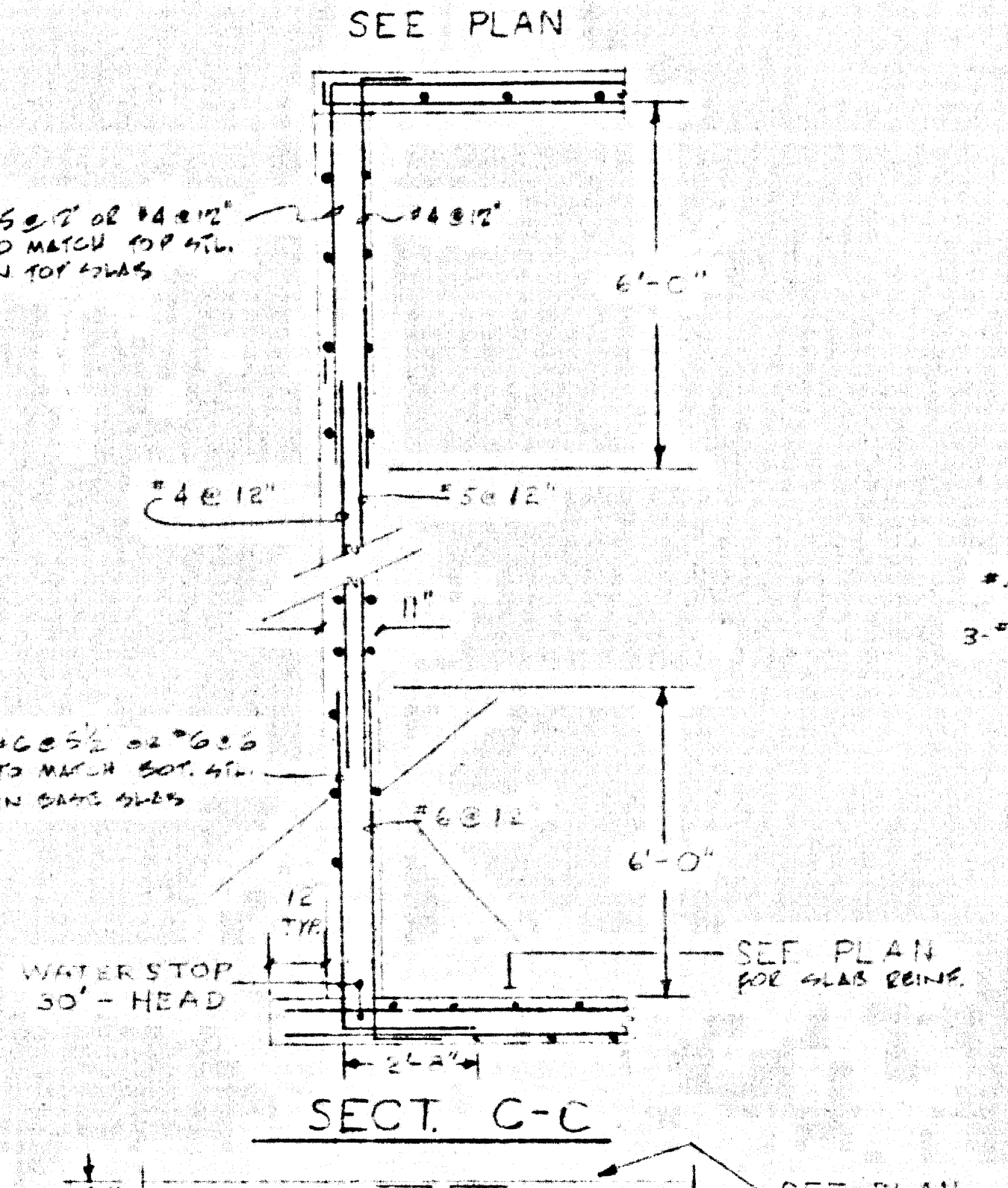
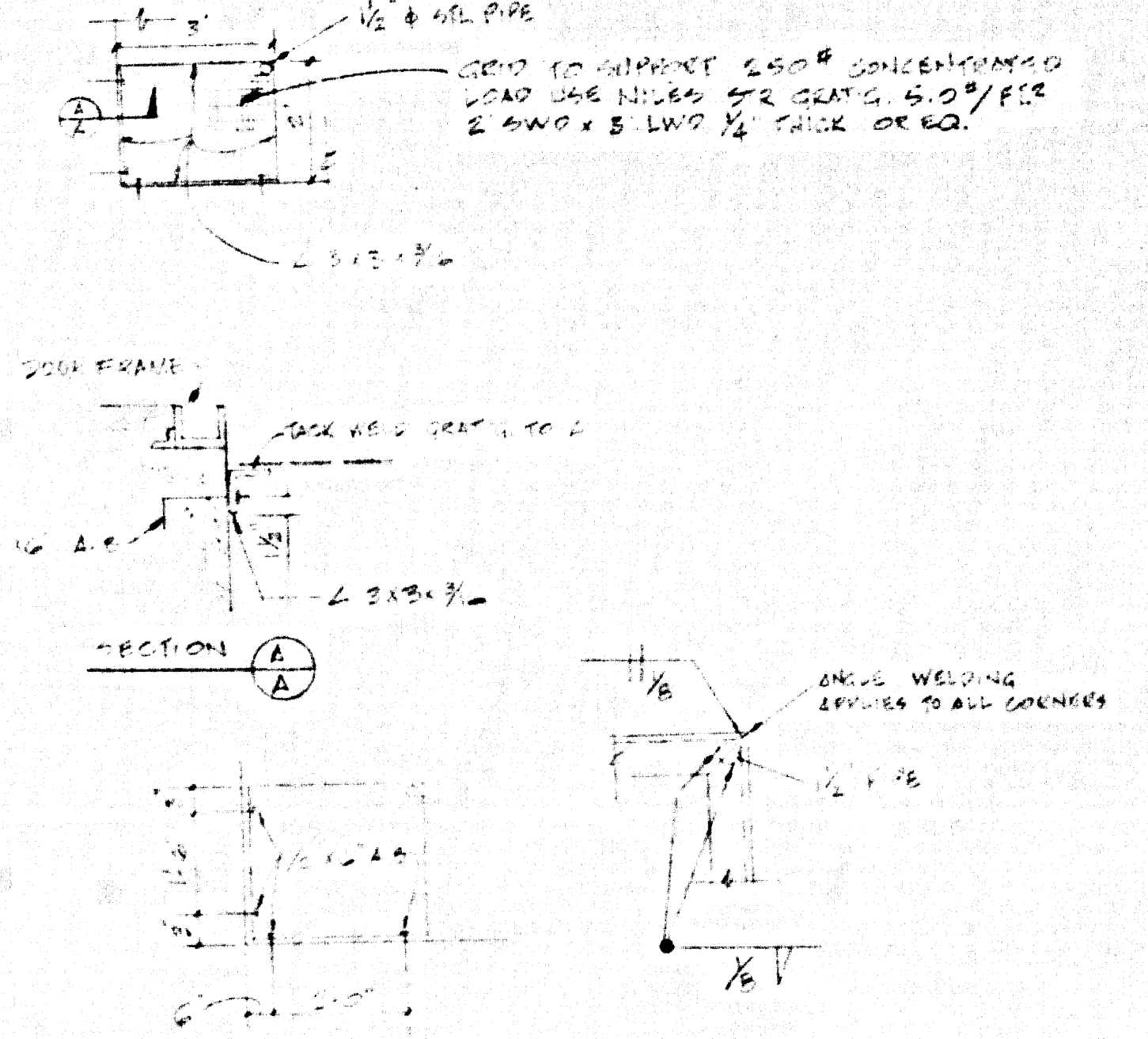
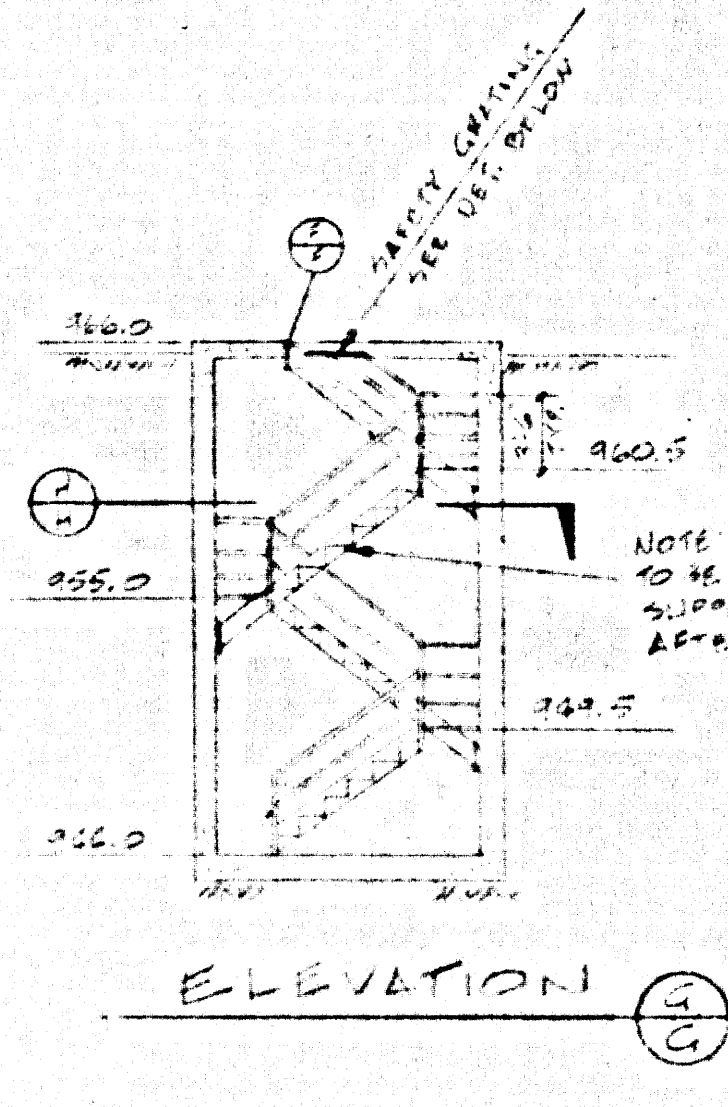
EMERSON, JOHNSON & BELLY
CIVIL & CHEMICAL ENGINEERS
MAYAVANA CALIF.

FRANK G. BONELLI REGIONAL COUNTY PARK
(BUDDINGSTONE)

SEWAGE PUMP STATION
PAGE II A



STAIR DETAILS



1. CONCRETE STRENGTH SHALL BE 3000 PSI.
2. REINFORCEMENT SHALL BE 60,000 PSI.
3. ALL REINFORCEMENT SHALL BE WELDED TO ALL CORNERS.
4. REINFORCEMENT SHALL BE WELDED TO ALL CORNERS.
5. REINFORCEMENT SHALL BE WELDED TO ALL CORNERS.
6. REINFORCEMENT SHALL BE WELDED TO ALL CORNERS.

16

WILLIAMSON, MORRIS & PAICE
275 e 25th st. long beach, calif. 90806
telephone 213-474-0614

WILLIAMSON MORRIS & PAICE

WILLIAMSON MORRIS & PAICE
275 e 25th st. long beach, calif. 90806
telephone 213-474-0614

FRANK G. BONELLI REGIONAL COUNTY PARK
(PUDGINGSIDE)

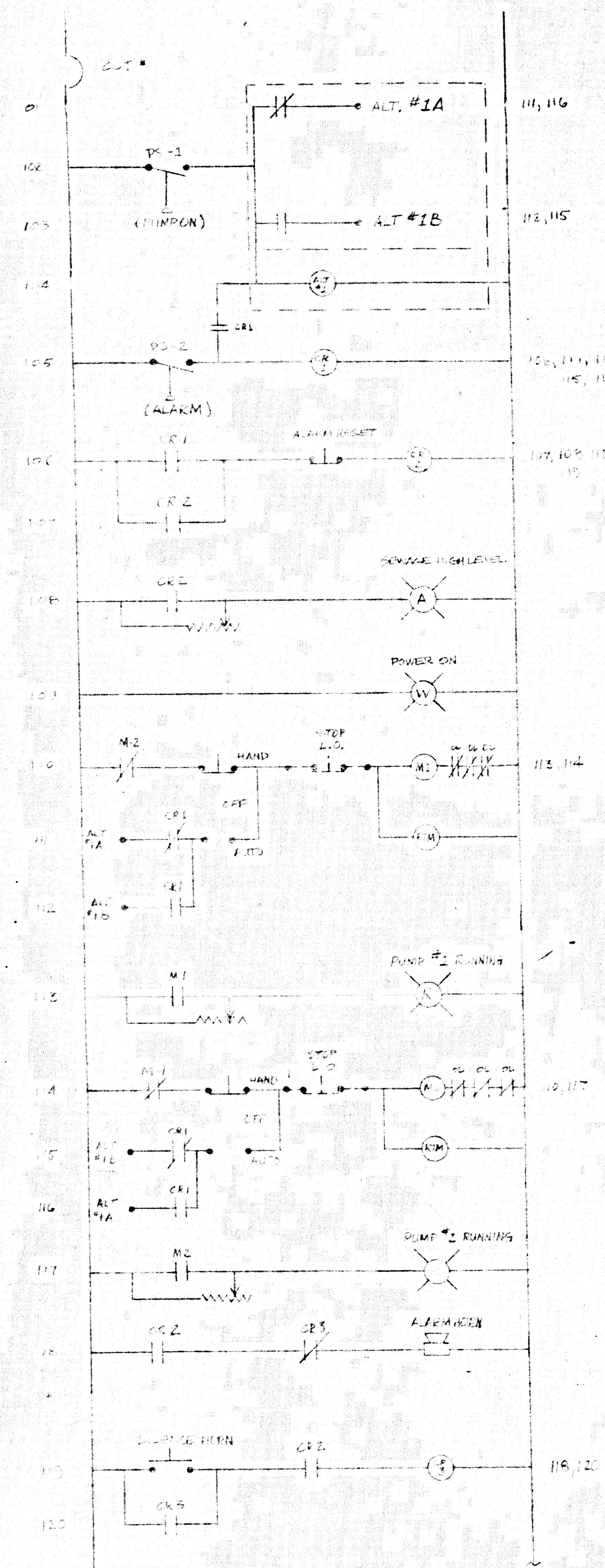
SEWAGE PUMP STATION - STAIRS

PAGE II A

date: 11/14/77
revised:
sheet no. 16
of 16

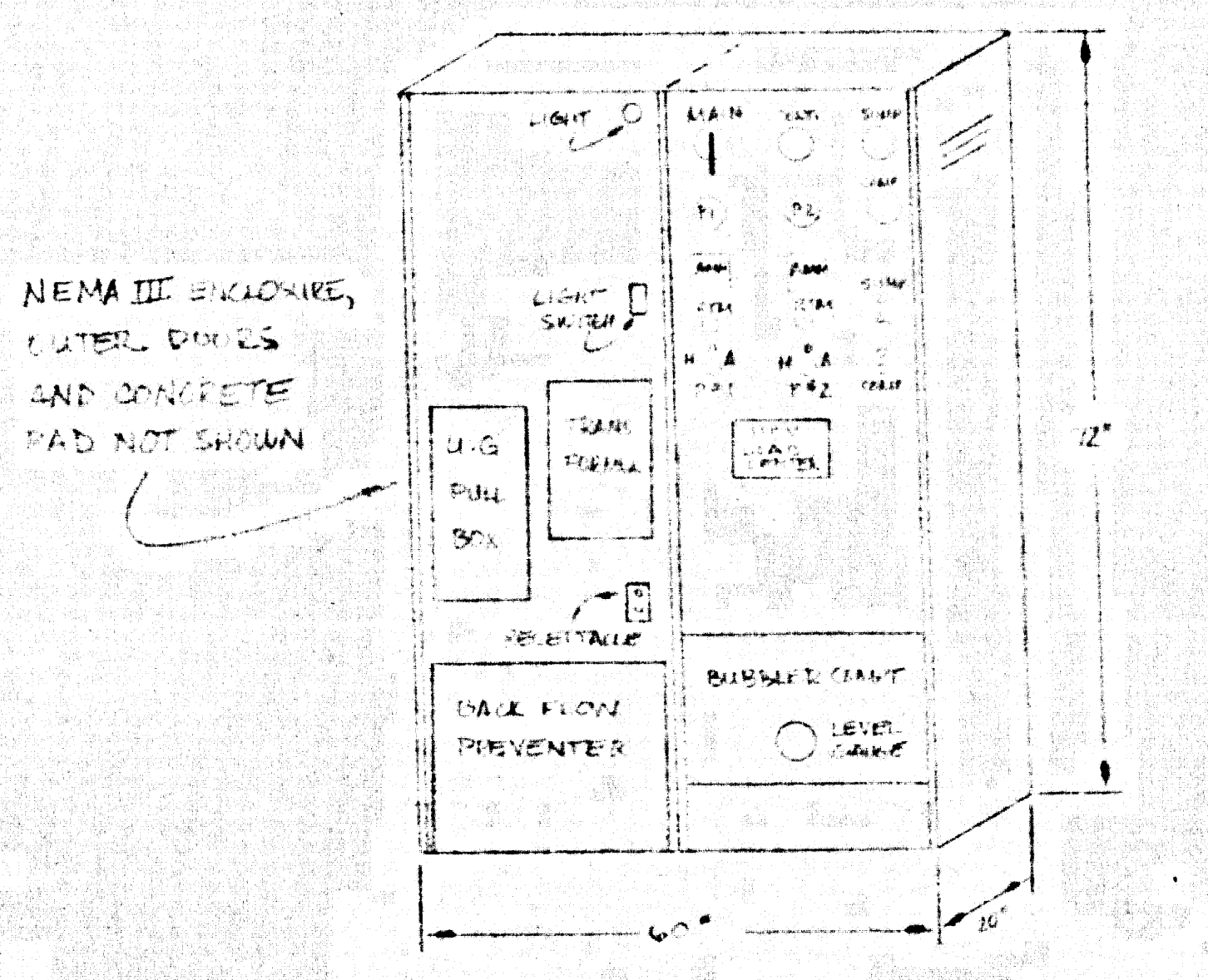
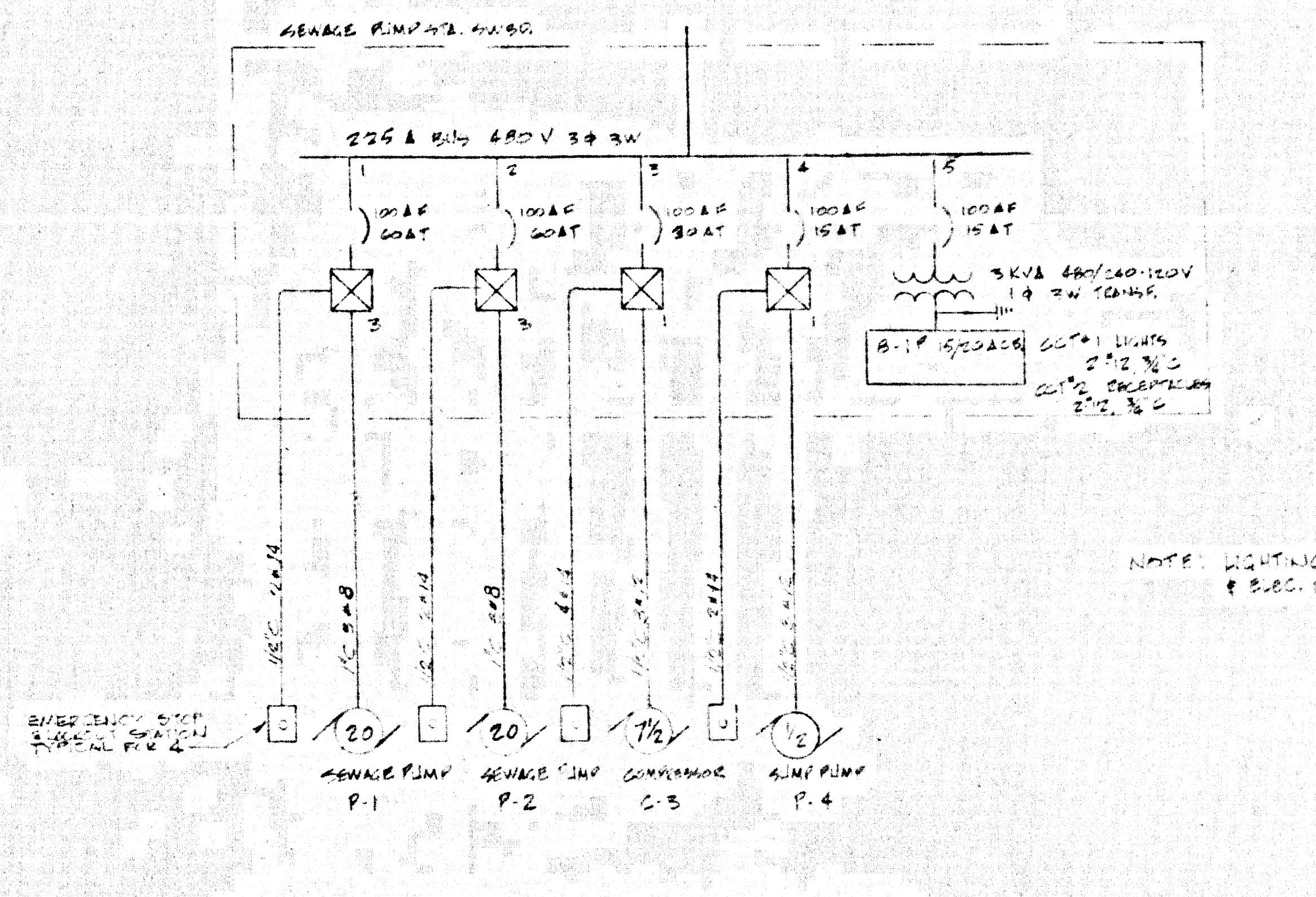
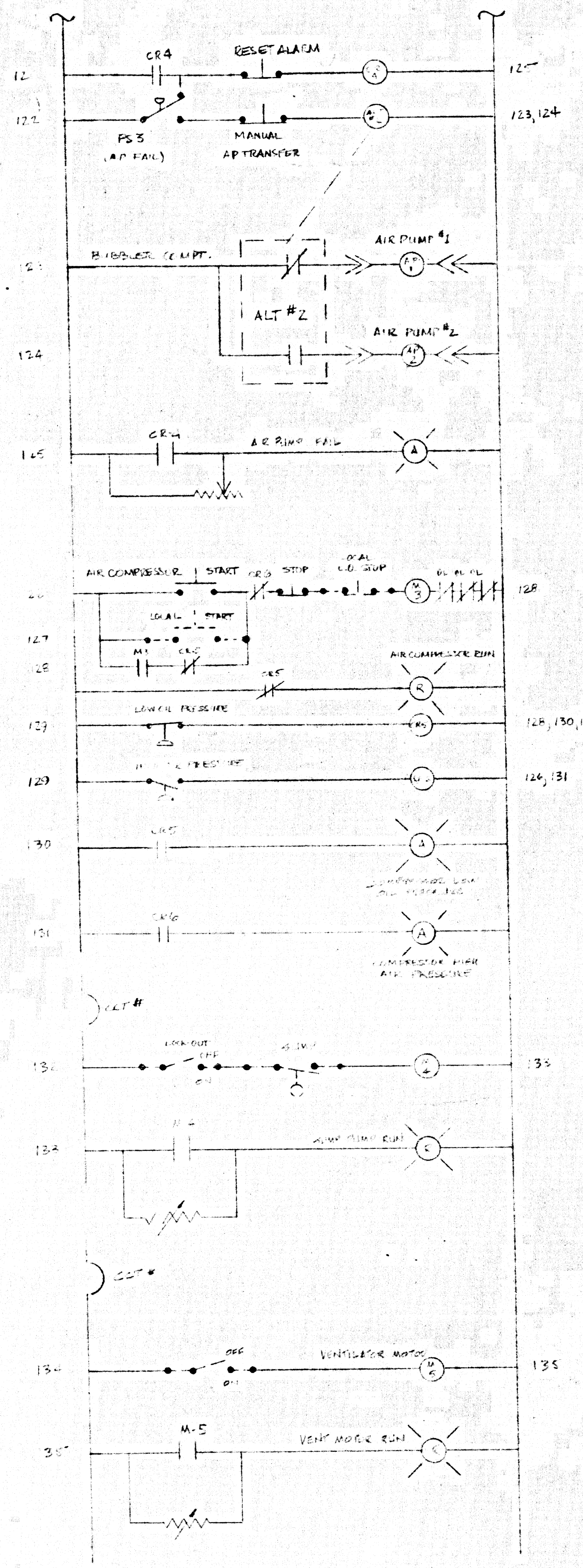
APPROVED BY: [Signature]
DATE: 11/14/77

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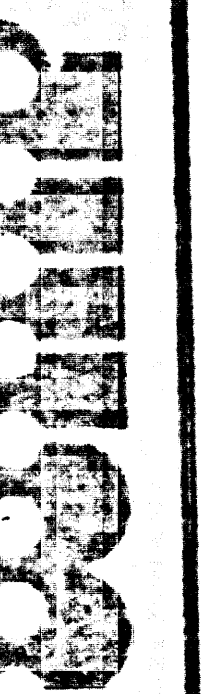
NOTE: PS-1 AND PS-2 ARE DIFFERENTIAL PRESSURE SWITCHES WITH ADJUSTABLE ON SETTING AND ADJUSTABLE DIFFERENTIAL FOR OFF SETTING

SEWAGE PUMP #1 & #2 CONTROL DIAGRAM



ELEVATION OF CONTROL CENTER
NO SCALE

WILLIAMSON, MORRIS & PAICE
275 E. 25th ST. Long Beach, Calif. 90806
Telephone 213-424-0914



COMPLETED BY: J. MORRIS & M. PAICE
CHECKED BY: W. WILLIAMSON
DATE: 11/14/64

FRANK G. BONELLI REGIONAL COUNTY PARK
(PUDDINGSTONE)
SEWAGE PUMP STATION - SEWAGE PUMP #1 & #2
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