

CASH CONTRACT NO. 8871
SEWAGE TREATMENT PLANT IMPROVEMENTS FOR
GORMAN
AND OTHER RIGHTS OF WAY
8 SHEETS, 12 PAGES

SCALE VERT. 1" = 4'
HORIZ. 1" = 40' OCTOBER, 1974

COUNTY OF LOS ANGELES, CALIFORNIA
HARVEY T. BRANDT COUNTY ENGINEER

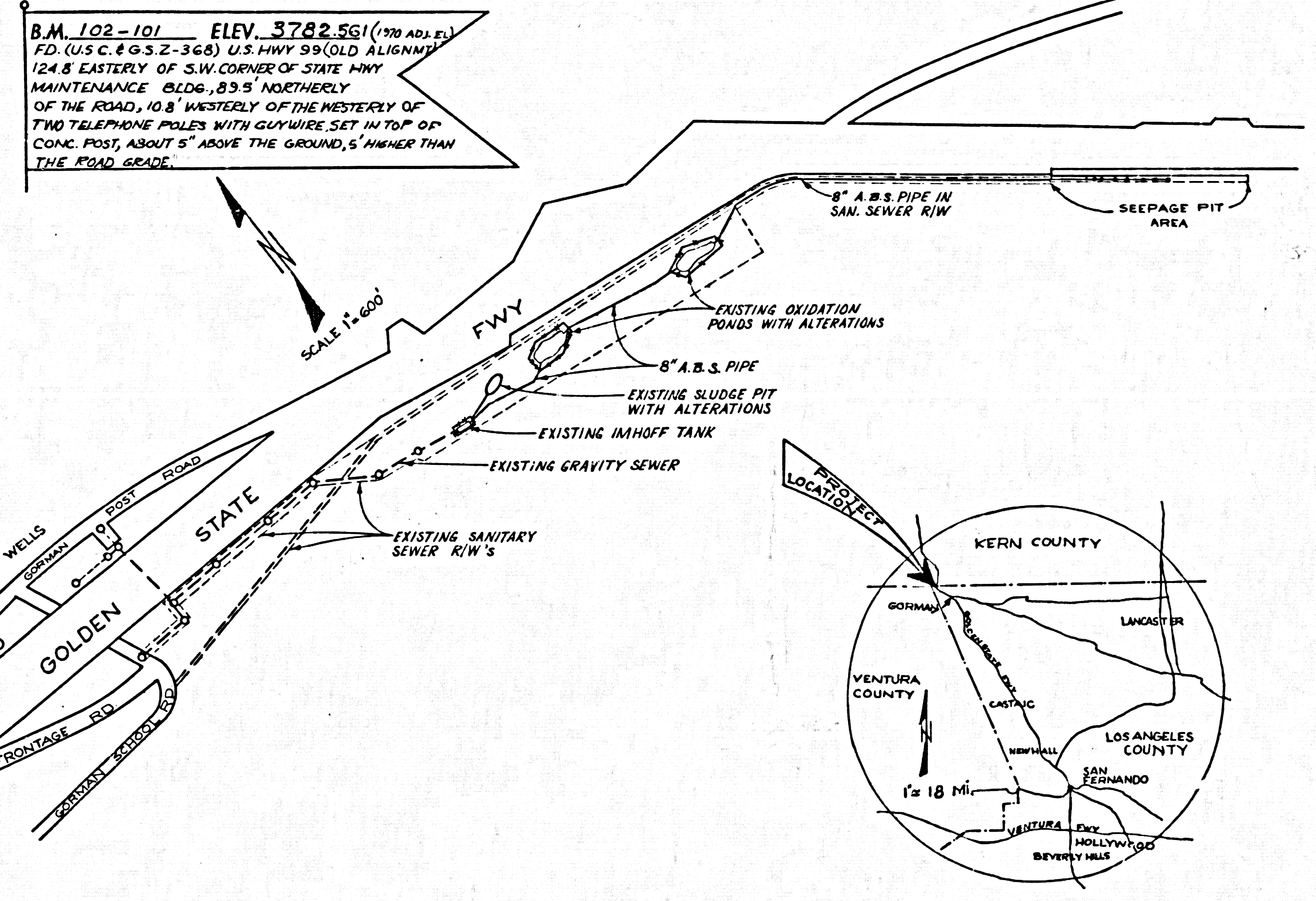
APPROVED *Richard M. Con* 10-30-74
ASSISTANT DIVISION ENGINEER (DATE)
DESIGNED *Paul G. Scoular* 10-29-74
REG. C. E. NO. 21096 (DATE)

GOLDEN VALLEY MUNICIPAL WATER DISTRICT
APPROVED *E.L. Pearson & Assoc.*
General Manager and Chief Engineer
By: *George J. Fisher, Vice-Pres.* 10/29/74

NOTES:
WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (1972 EDITION WITH 1974 SUPPLEMENT) AND COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED MARCH 4, 1974 AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE 974-7283 AT LEAST 24 HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES.

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.

LAYOUT	S.R.C. & N.F.Y.	CHECKED	B.S.
TRACED	S.R.C. & N.F.Y.	MAINTENANCE	C.C.
F.B. 3902		A.B.	W.S. 17
		BUILDING DISTRICT NO.	



GENERAL NOTES:
REFER TO SECTION 7-10-41 OF STANDARD SPECIFICATIONS REGARDING SAFETY CODES.
ALL MANHOLES SHALL BE EITHER BRICK PER S-3 OF PRECAST CONCRETE PER S-36, EXCEPT AS NOTED.

SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 306-2.37 OF STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER S-23 CASE II, TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.

PRIOR TO TRENCH EXCAVATION, THE CONTRACTOR SHALL SUBMIT TO AND OBTAIN APPROVAL FROM THE COUNTY ENGINEER OF A DETAILED PLAN SHOWING THE DESIGN OF SHORING, BRACING, SLABBING OR OTHER PROVISIONS FOR PROTECTING THE SEWER FROM THE HAZARDS OF COLLAPSE OR DAMAGE. IF SUCH PLAN DEVIATES FROM THE SHORING SYSTEM STANDARDS ESTABLISHED BY THE CONSTRUCTION SAFETY CODES, IT SHALL BE PREPARED BY A REGISTERED CIVIL OR STRUCTURAL ENGINEER.

BEDDING FOR THE SEWER PIPE SHALL BE PER S-21, CASE II BETWEEN THE IMHOFF TANK AND THE LOWER OXIDATION POND AND CASE I ELSEWHERE.

PAGE	REVISIONS	APPROVED
2	PIPE SLOPE; ADD DISTRIBUTION MANHOLES	
3-8	CHANGED ALL A.B.S. TRUSS TO SOLID WALL PIPE	
6-7	INLET PIPE, BERM & CLEANOUT; 6" C.T.R. OUTLET; OUTLET STRUCTURE & PIPE SLOPE; M.H. NEAR OUTLET; POND ELEVATION & FENCING	
9	COMPLETELY NEW LAKE OUTLET STRUCTURE & DETAILS	
10	ELIMINATE POST SUPPORT DETAILS; ADD DIST. M.H. DETAIL	
11	ADD M.H. CONN. DETAIL; ALTER POND INLET & OUTLET	
12	ADD SEEPAGE PIT, INLET PIPE & CLEANOUT DETAILS; ALTER POND INLET AND OUTLET	
APPROVED BY:	<i>Richard M. Con</i> RCE 10143 4-9-75	DATE
2	ADD CENTRAL DIST. LINE PROFILE; ALTER DIST. M.H. LAYOUT AND SEEPAGE PIT FEED ARRANGEMENT; REMOVE 2 DISTRIBUTION MANHOLES	APPROVED
3	REVISE PIPE SLOPE & ALIGNMENT INTO SEEPAGE PITS	
10	REVISE DISTRIBUTION M.H. DETAILS	
12	SEEPAGE PIT INLET & OUTLET PIPE MATERIAL AND ELEVATION	5-15-75

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

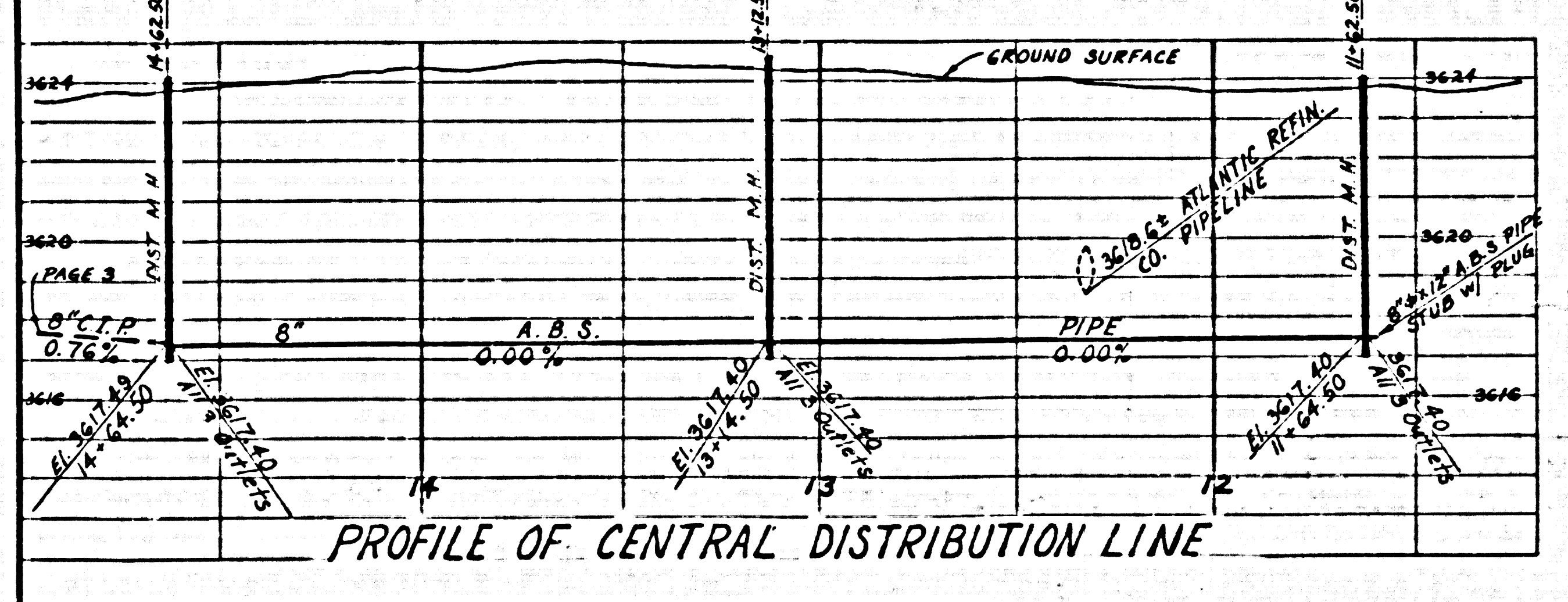
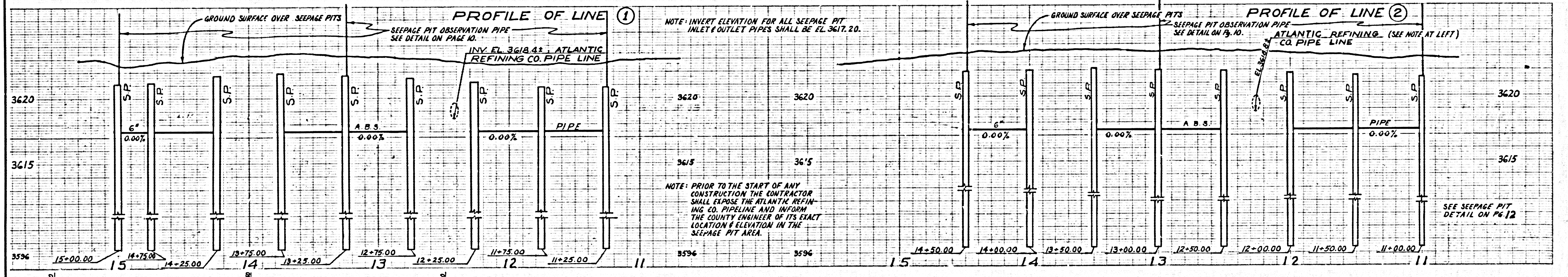
LEGEND	S-1	CRADLING AND ENCASMENT	S-28
MINIMUM PUBLIC SAFETY REQUIREMENT	S-2	PRECAST CONCRETE MANHOLE	S-32
BRICK MANHOLE	S-3	ALLOWABLE TRENCH WIDTHS	S-35
MANHOLE STEP	S-4	LOCKING MANHOLE FRAME AND COVER	S-35
BEDDING FOR SEWER PIPE	S-5	NON-REINFORCED PRECAST CONCRETE MANHOLE	S-36
RAIN LINK FENCING	C.L. PLAT-1		
RECTANGULAR SMALL MANHOLE	S-7	RECTANGULAR MANHOLE FRAME & COVER	S-16

THE CONTRACTOR SHALL OBTAIN THE FOLLOWING PERMITS PRIOR TO CONSTRUCTION:

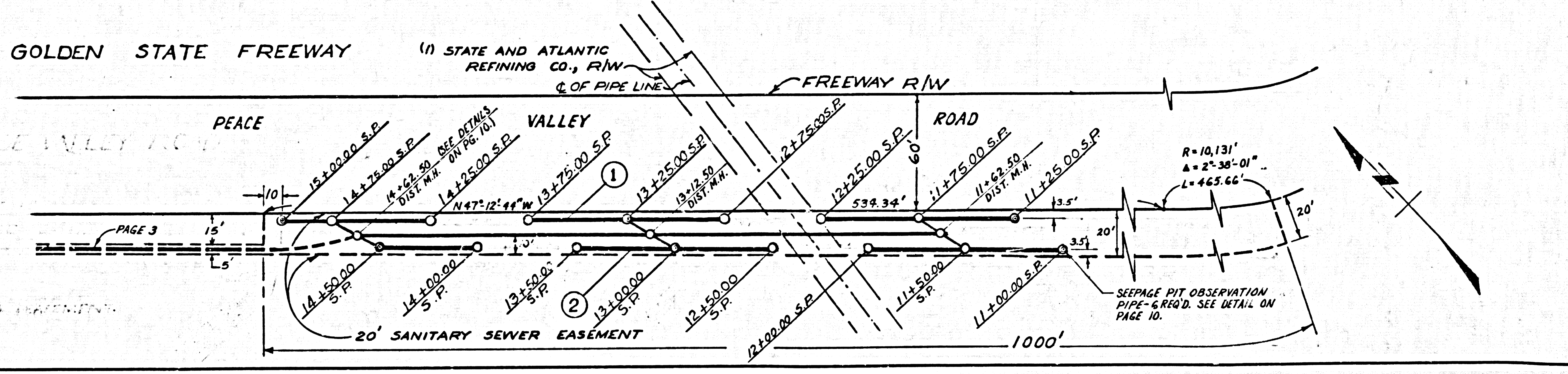
- PRIOR TO EXECUTION OF THE CONTRACT AGREEMENT BY THE COUNTY, THE CONTRACTOR SHALL AT HIS EXPENSE OBTAIN A "PERMIT TO EXCAVATE" FROM THE STATE OF CALIFORNIA, DIVISION OF INDUSTRIAL SAFETY.

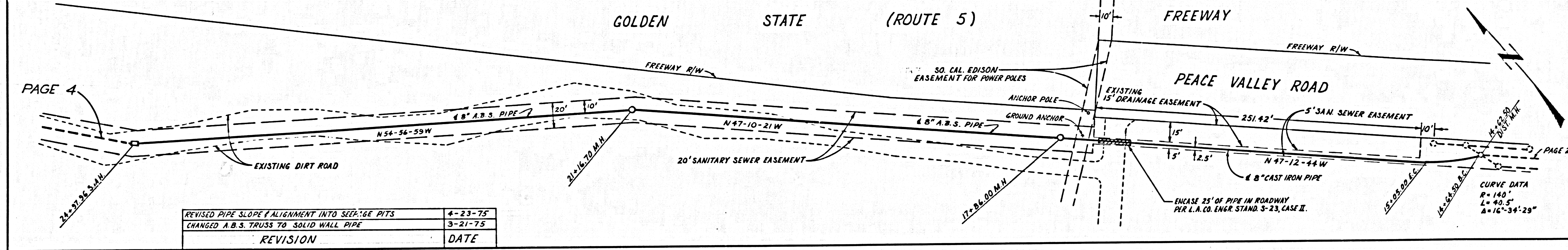
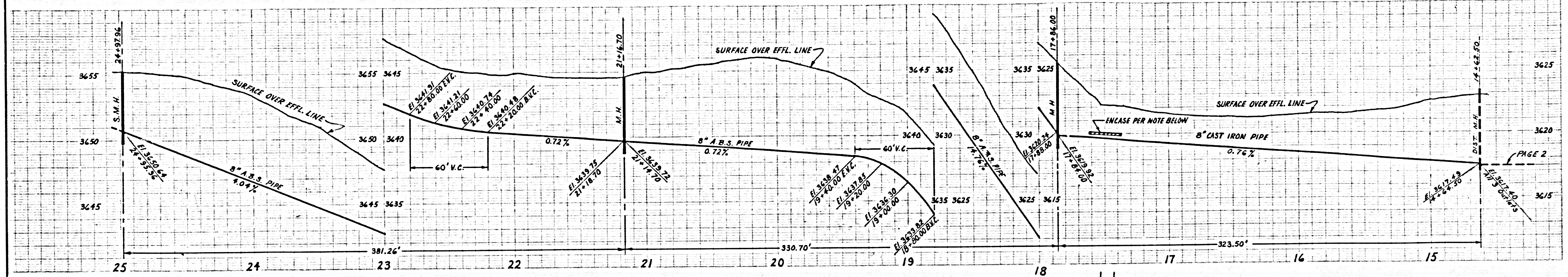
THE UNDERGROUND UTILITY COMPANIES WITHIN THE LIMITS OF THIS PROJECT ARE AS FOLLOWS:

- STATE OF CALIFORNIA AND ATLANTIC REFINING CO. COMMON R/W.
- SOUTHERN CALIFORNIA EDISON COMPANY

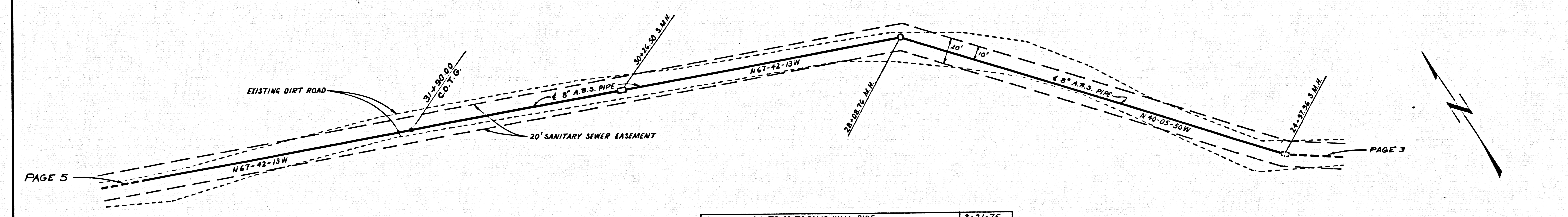
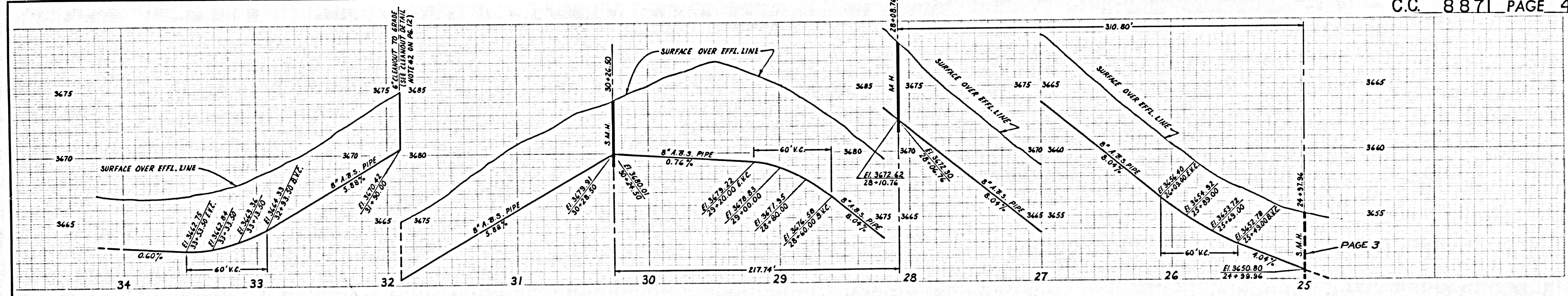


ADD CENTRAL DIST. LINE PROFILE; ALTER DIST. M.H. LAYOUT AND SEEPAGE PIT FEED ARRANGEMENT; REMOVE 2 DIST. M.H.'s	4-23-75
ALTER PIPE SLOPE; ADD 4 DISTRIBUTION MANHOLES	3-21-75
REVISION	DATE

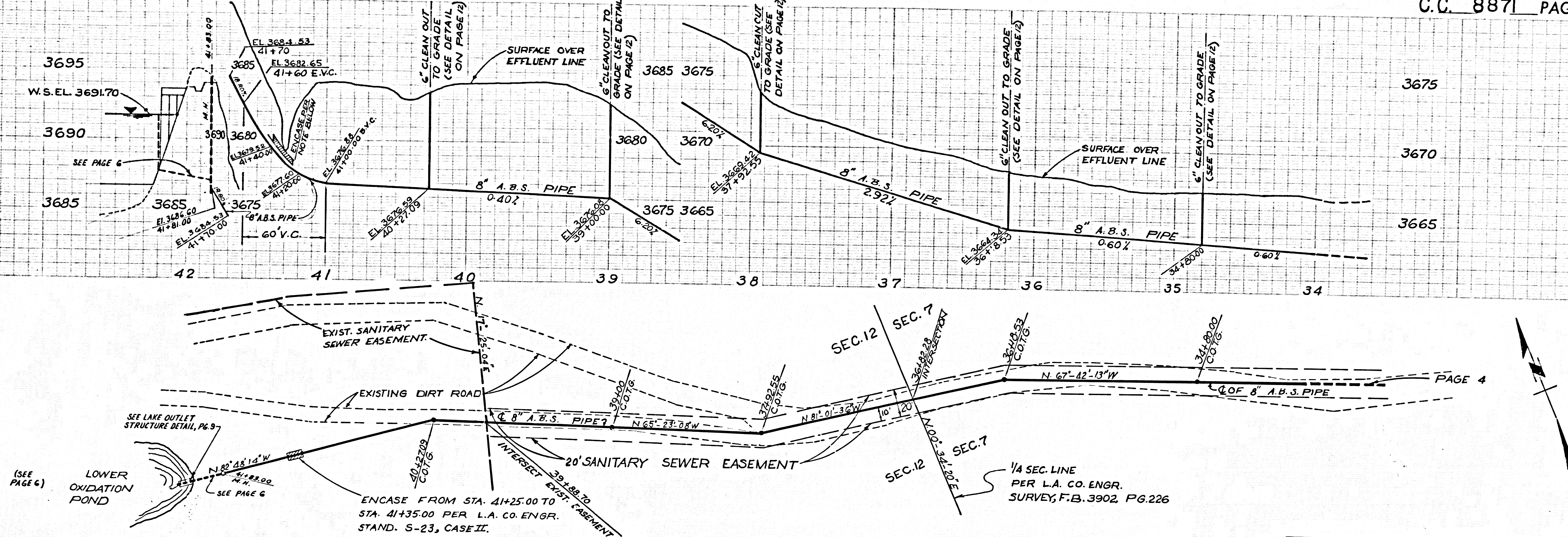




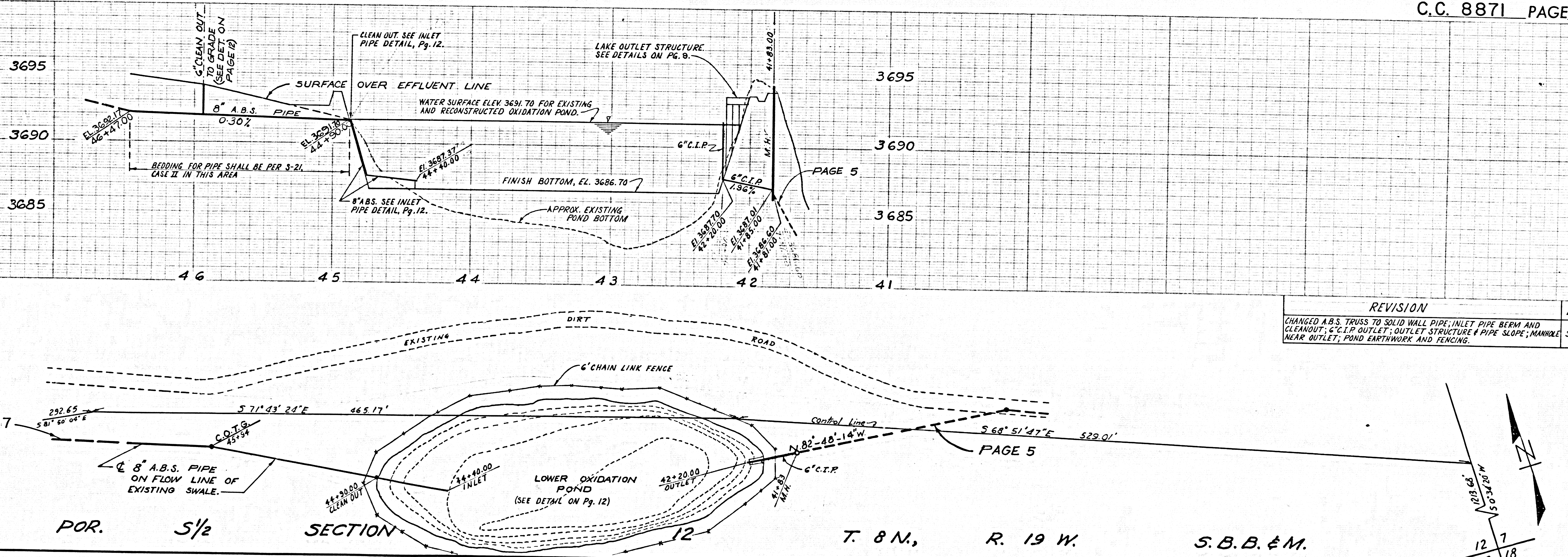
REVISION	DATE
REVISED PIPE SLOPE / ALIGNMENT INTO SEEPAGE PITS	4-23-75
CHANGED A.B.S. TRUSS TO SOLID WALL PIPE	3-21-75



REVISION	DATE
CHANGED A.B.S. TRUSS TO SOLID WALL PIPE	3-21-75

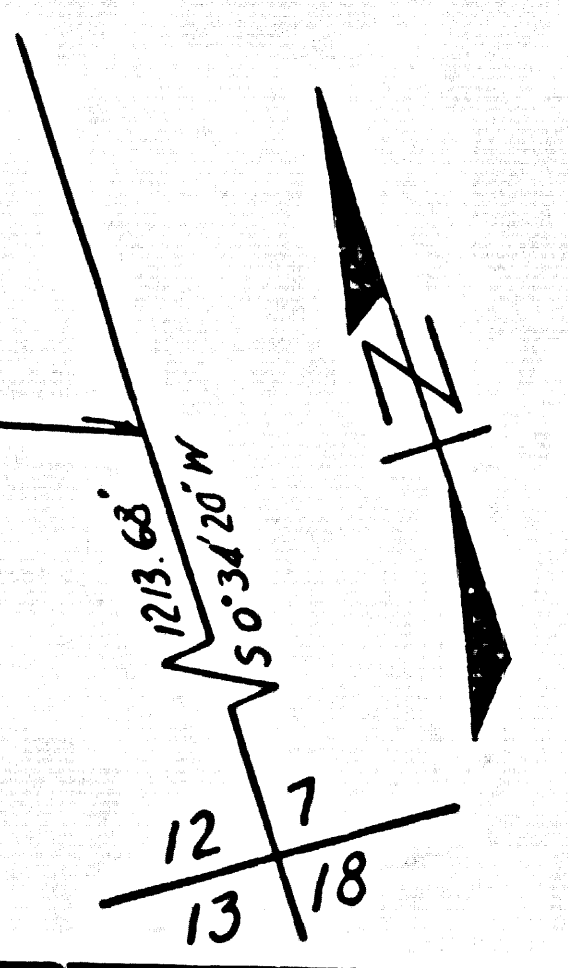


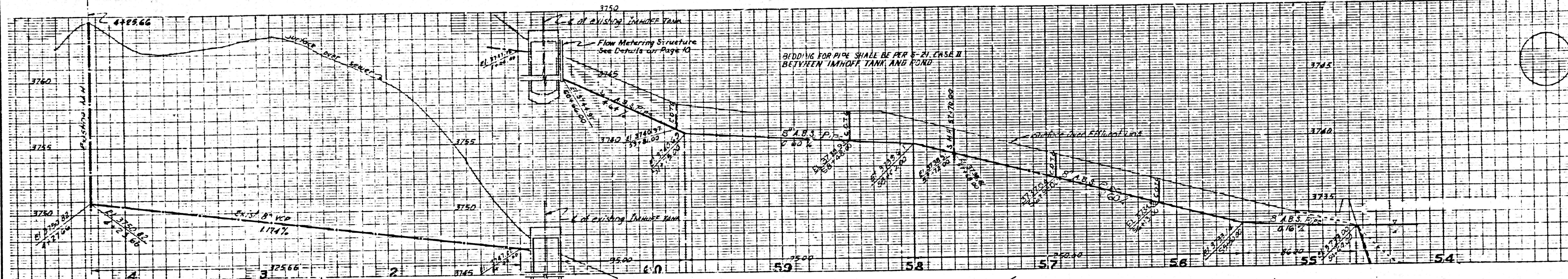
REVISION	DATE
CHANGED A.B.S. TRUSS TO SOLID WALL PIPE	3-21-75



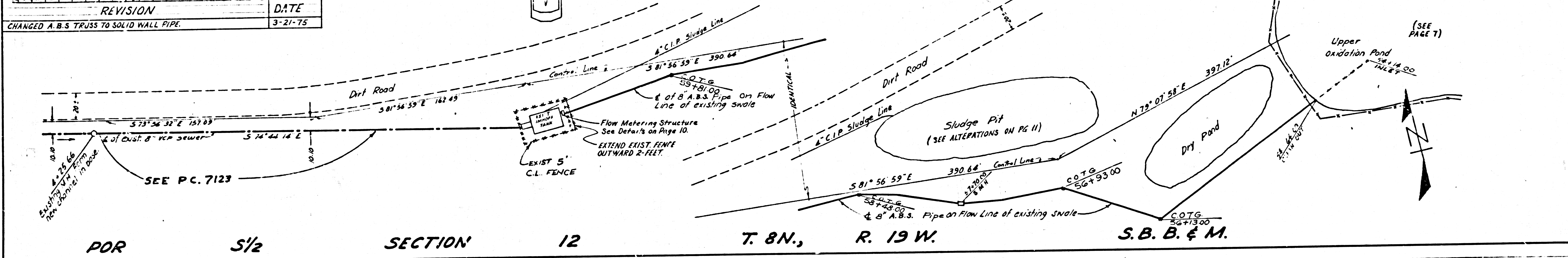
REVISION	DATE
CHANGED A.B.S. TRUSS TO SOLID WALL PIPE; INLET PIPE BERM AND CLEANOUT; 6" C.I.P. OUTLET; OUTLET STRUCTURE & PIPE SLOPE; MANHOLE NEAR OUTLET; POND EARTHWORK AND FENCING.	3-21-75

POR. S 1/2 SECTION T. 8 N., R. 19 W. S.B.B. & M.

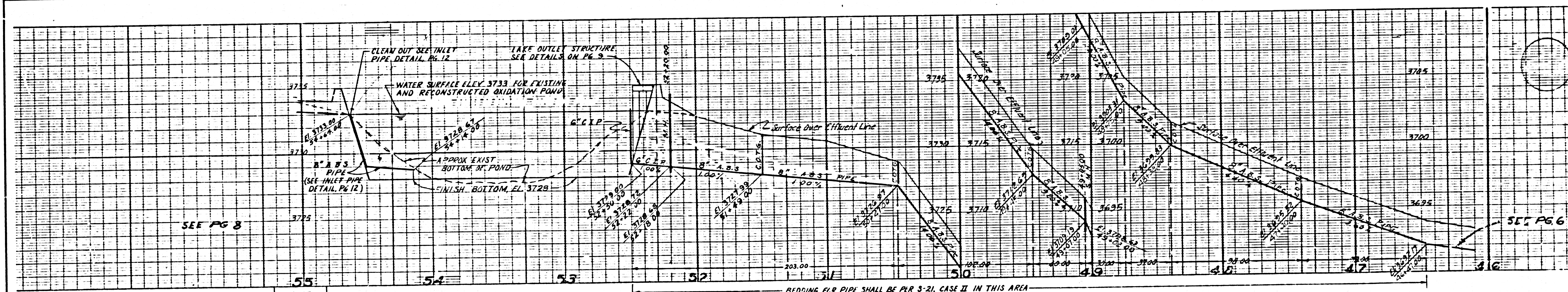




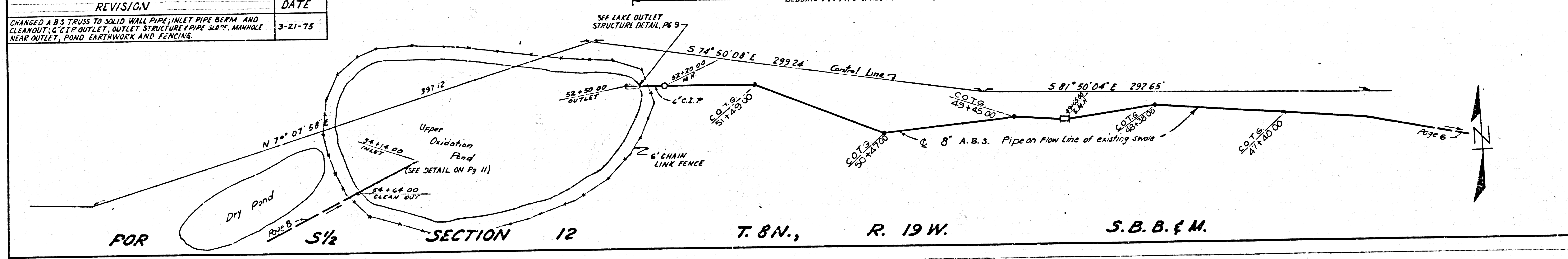
REVISION	DATE
CHANGED A.B.S TRUSS TO SOLID WALL PIPE.	3-21-75



POR S 1/2 SECTION 12 T. 8N., R. 19W. S.B.B. & M.

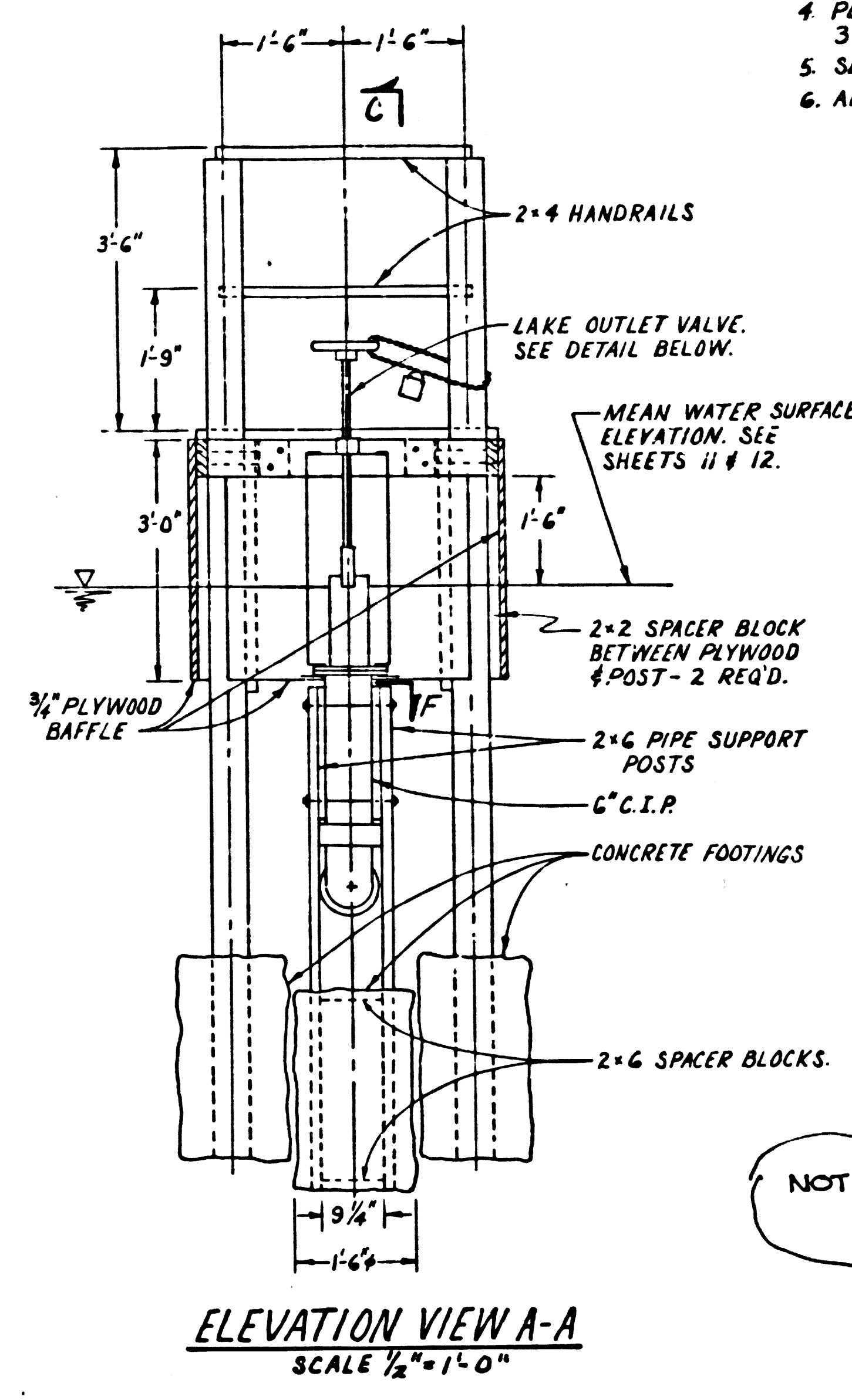
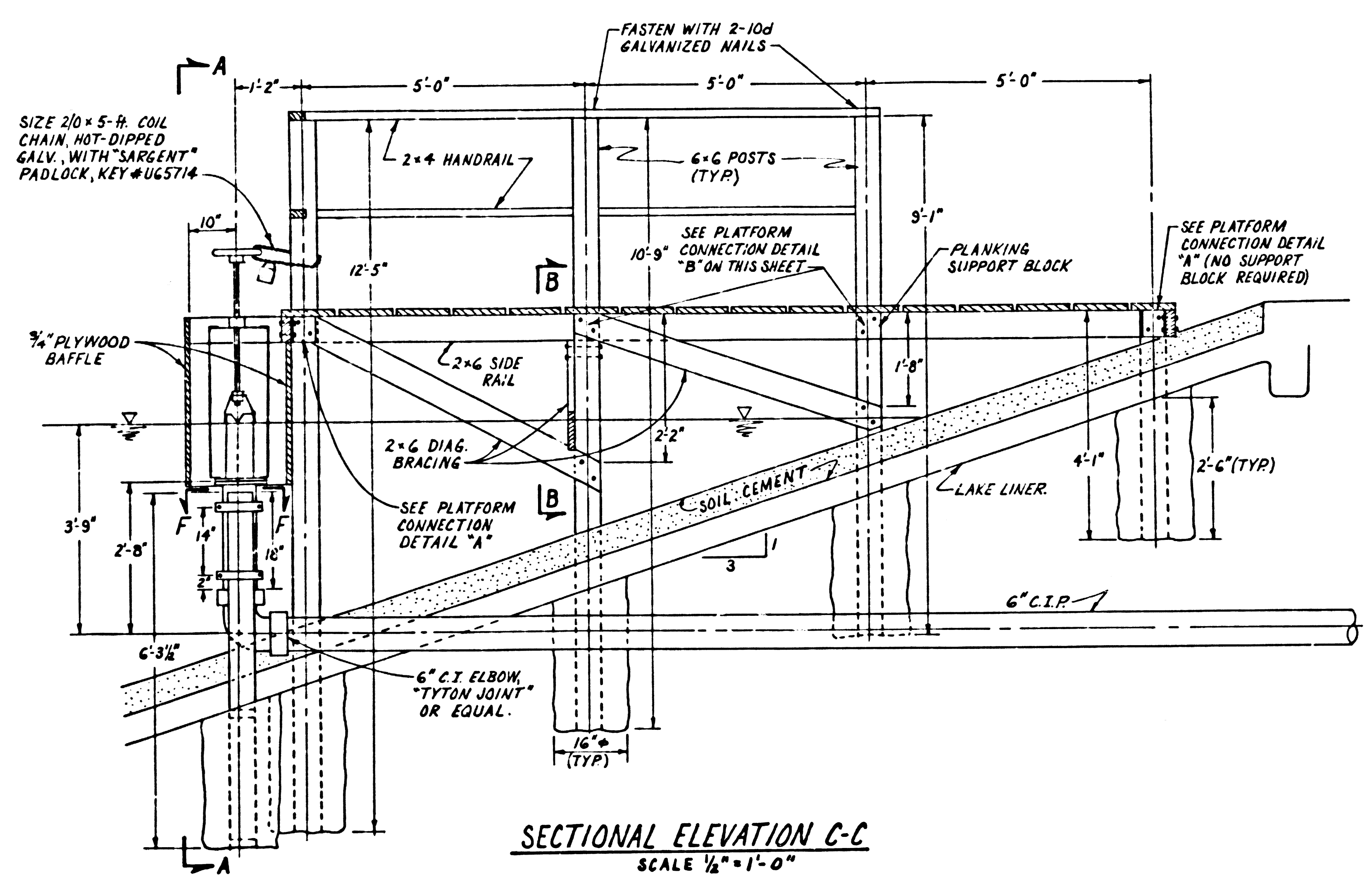


REVISION	DATE
CHANGED A.B.S TRUSS TO SOLID WALL PIPE, INLET PIPE BERM AND CLEANOUT, C.I.P. OUTLET, OUTLET STRUCTURE & PIPE 30" DIA. MANHOLE NEAR OUTLET, POND EARTHWORK AND FENCING.	3-21-75

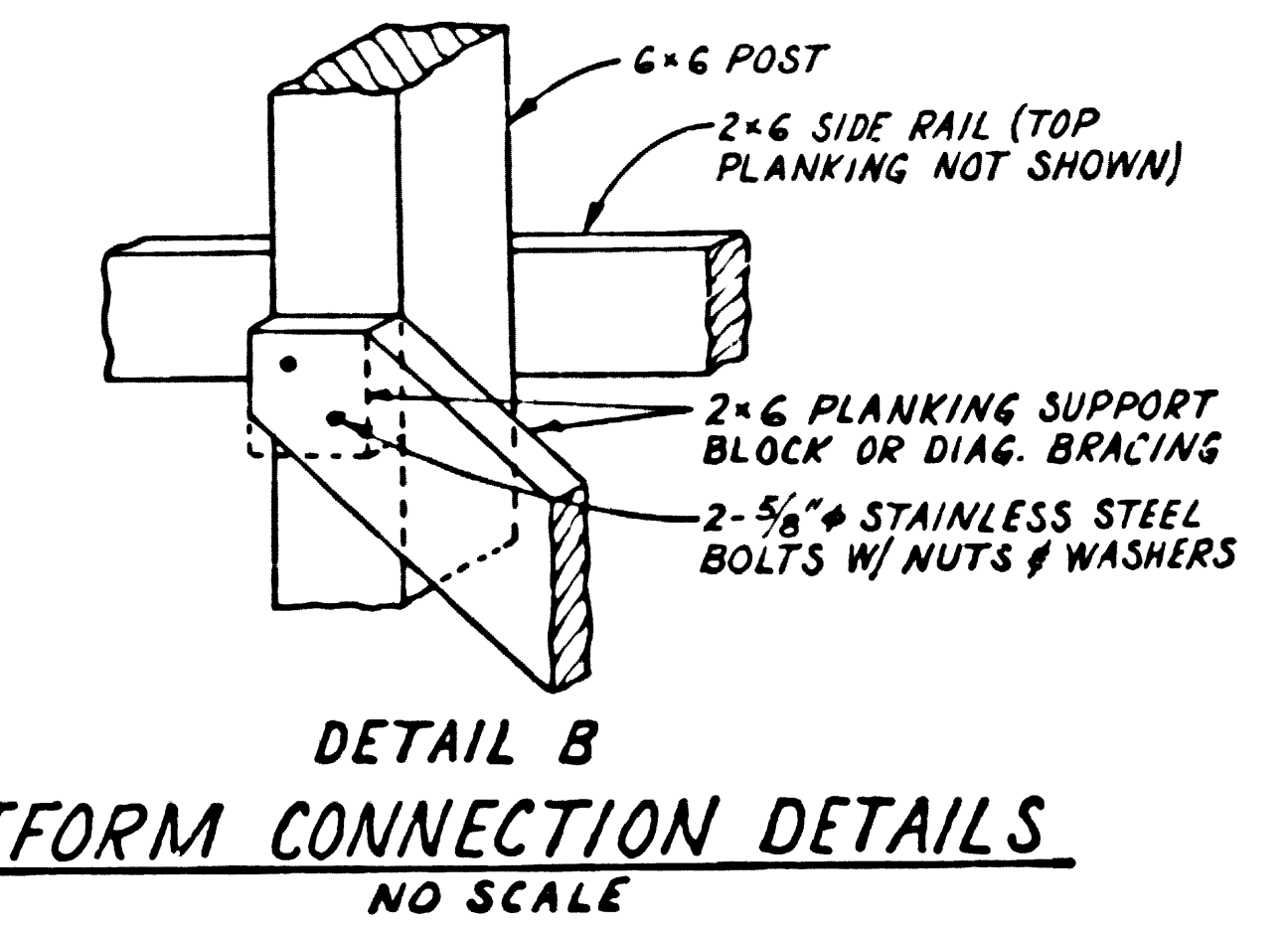
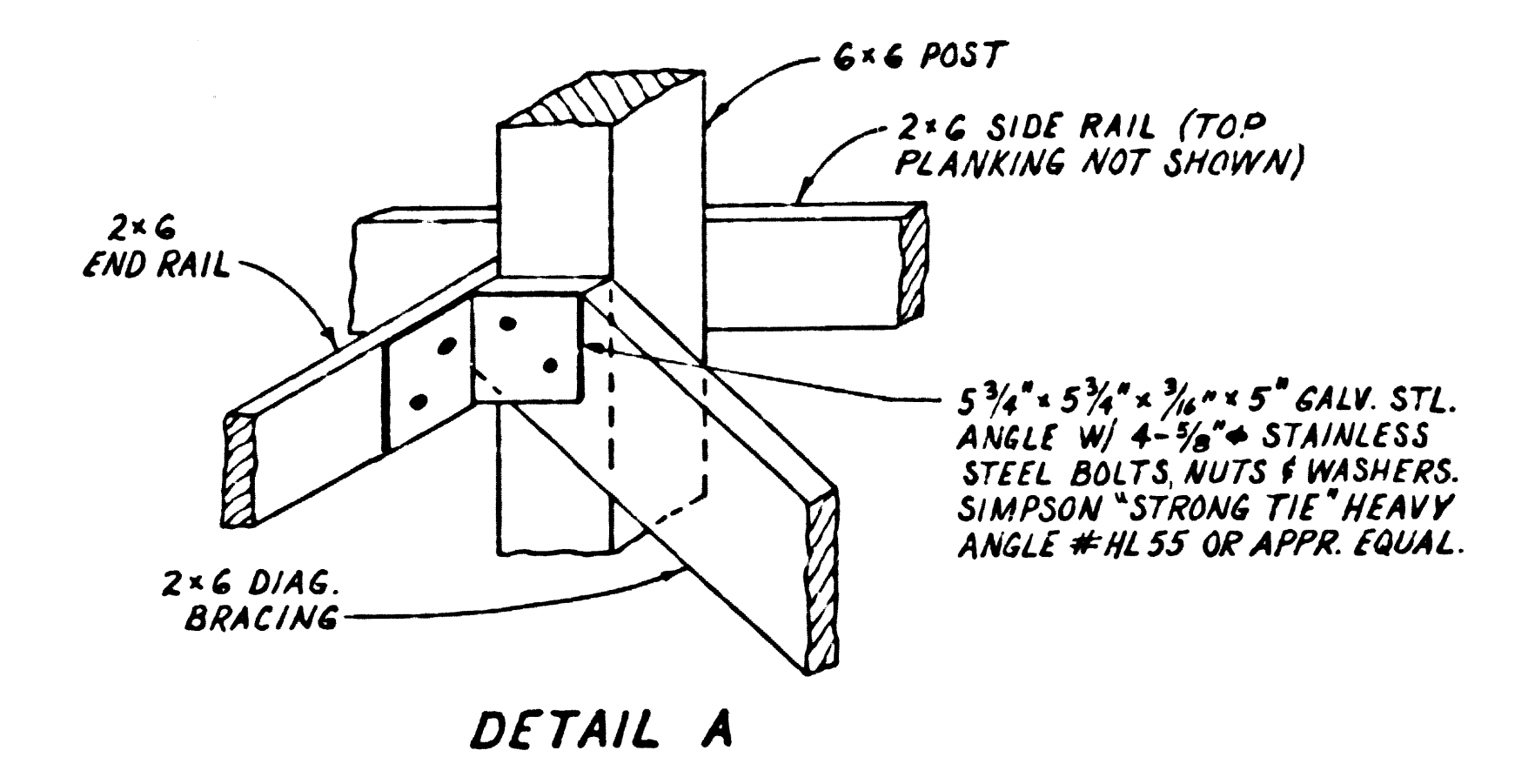


POR S 1/2 SECTION 12 T. 8N., R. 19W. S.B.B. & M.

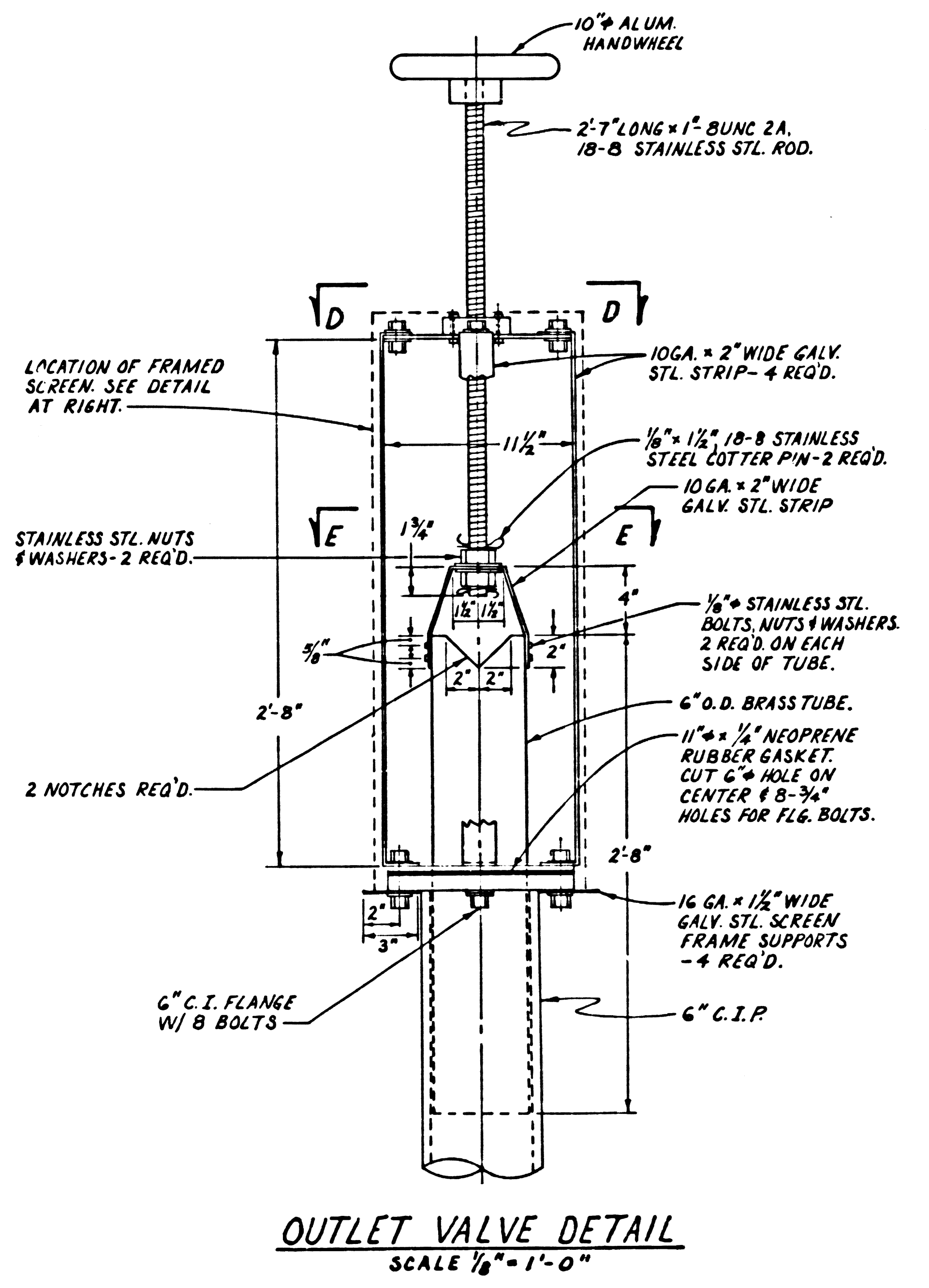
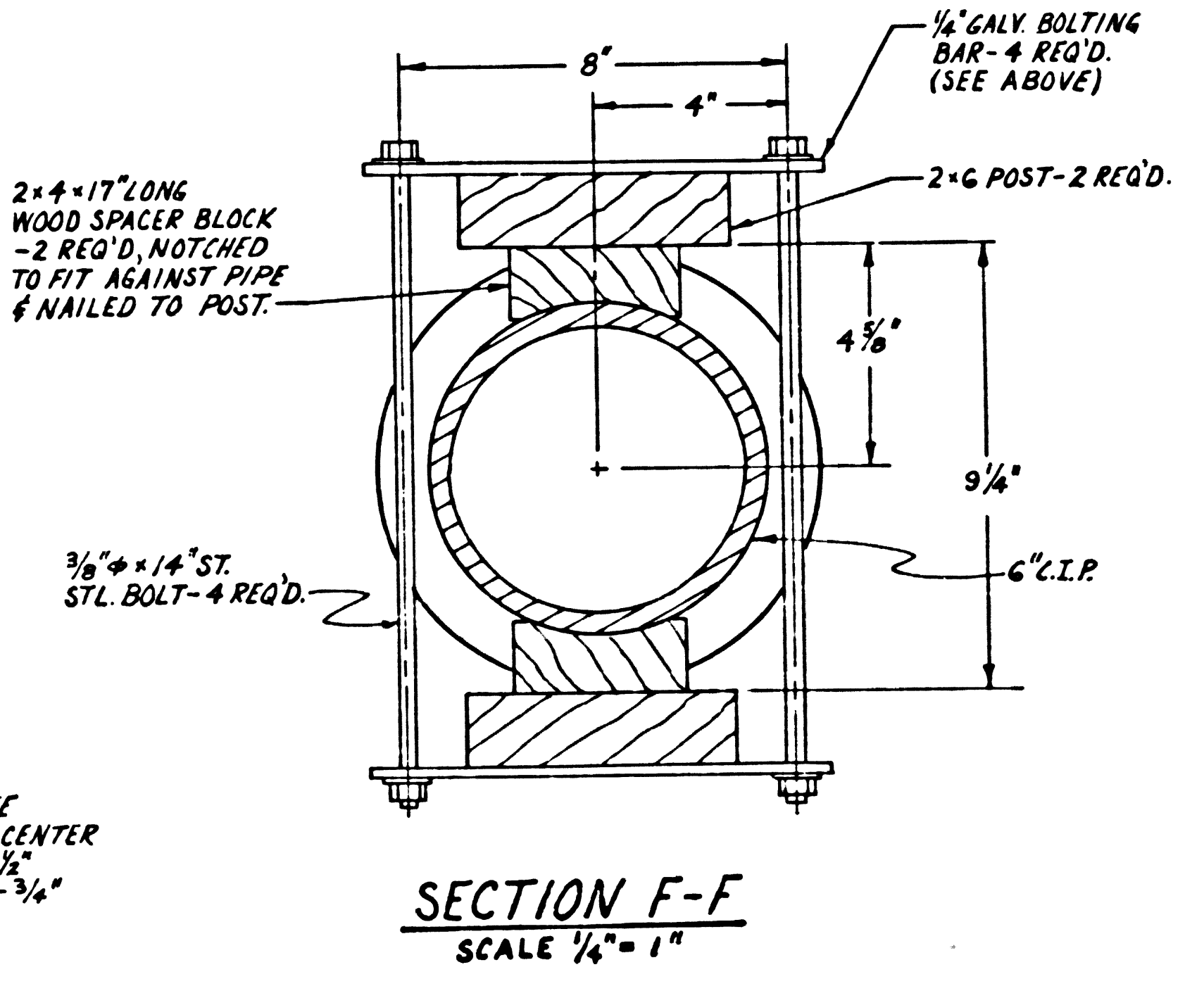
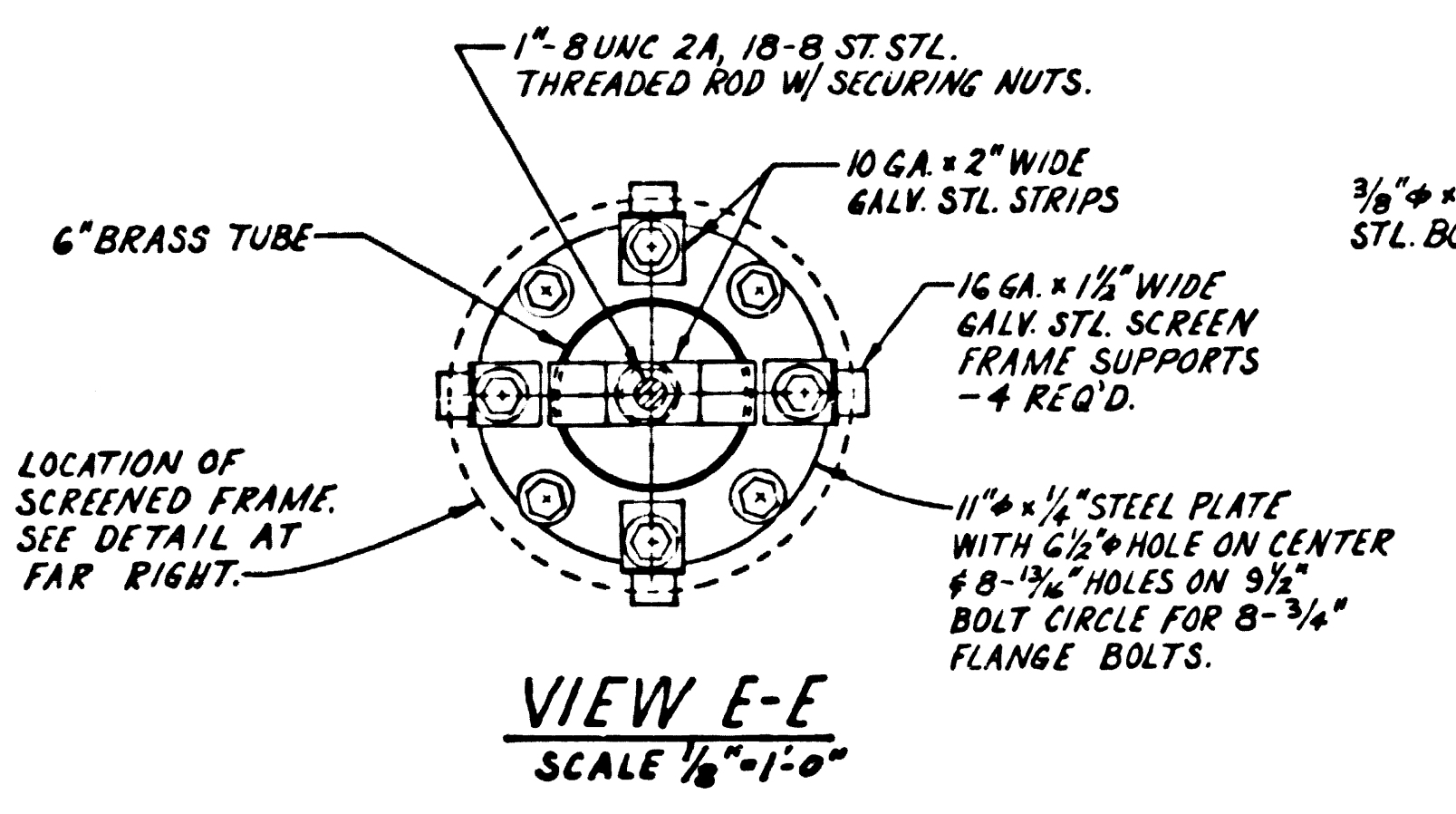
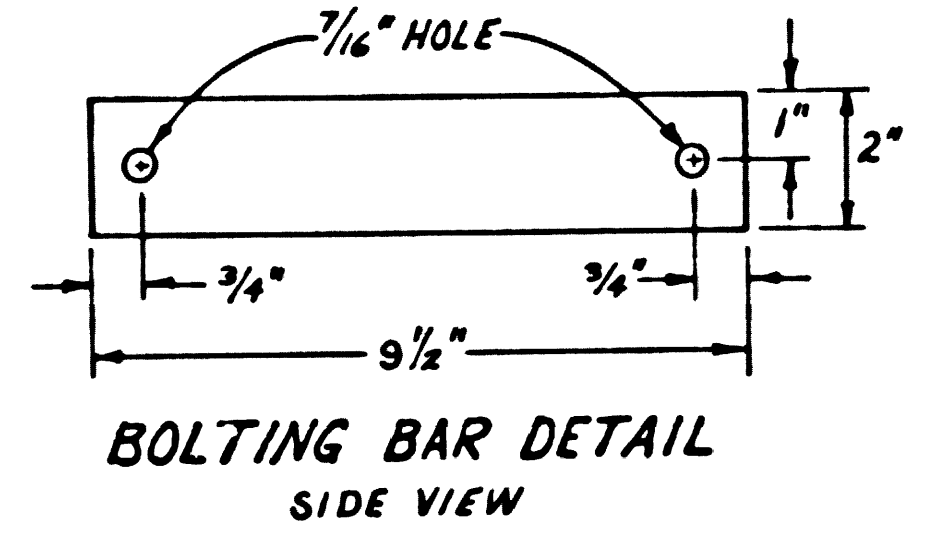
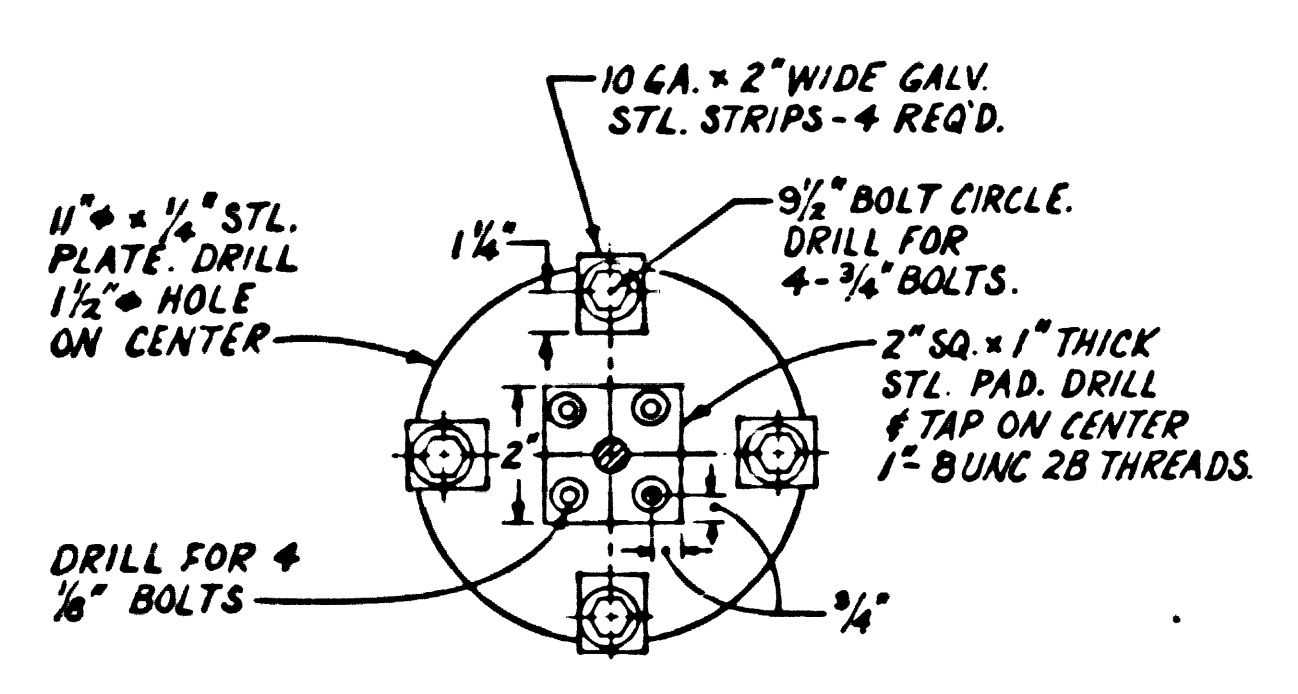
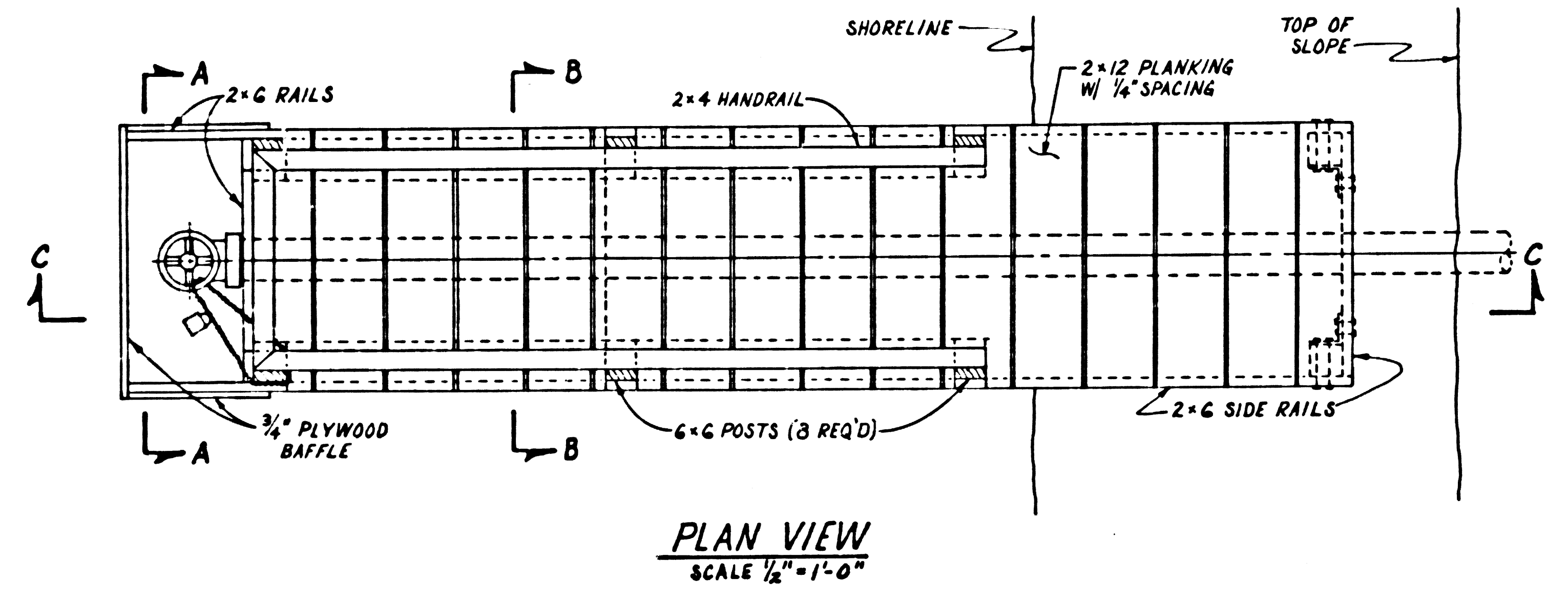
- NOTES:
1. ALL TIMBERS SHALL BE CONSTRUCTION-GRADE DOUGLAS FIR OR EQUAL.
 2. PLYWOOD BAFFLE SHALL BE 3/4" STRUCTURAL I C-C EXT-DFPA.
 3. ALL LUMBER & PLYWOOD SHALL BE TREATED WITH COAL-TAR CREOSOTE WITH NOT LESS THAN 12 LBS. OF PRESERVATIVE PER CU. FT. OF LUMBER.
 4. PLATFORM PLANKING SHALL BE SECURED WITH GALV. 10D NAILS, 3 PER PLANK END.
 5. SECURE BAFFLEBOARD WITH GALV. 8D NAILS, 4" O.C.
 6. ALL TIMBER IS SHOWN NOMINAL SIZE.



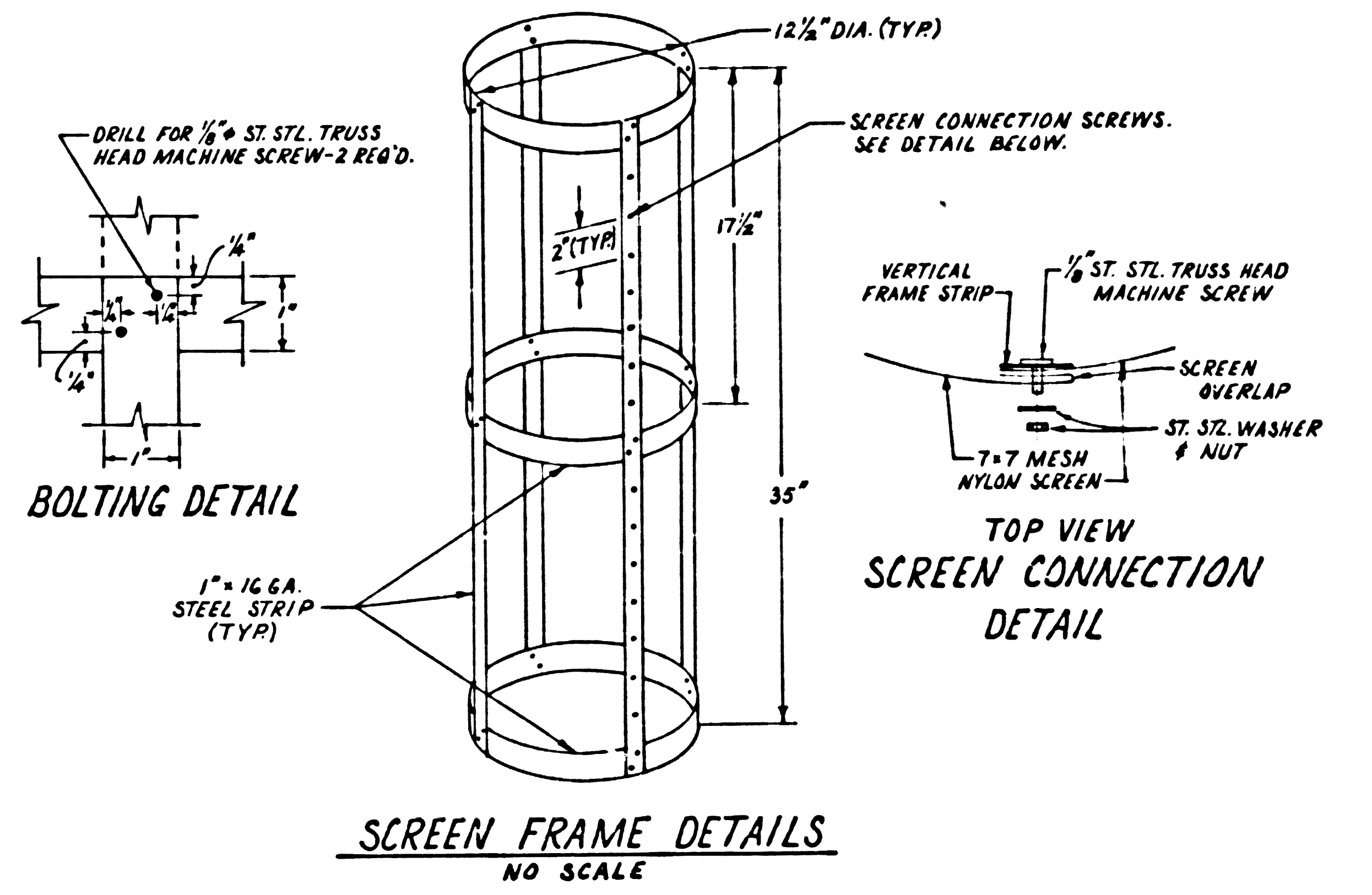
NOTE: OUTLET STRUCTURE AS SHOWN IS FOR UPPER POND ONLY. SEE P. 13 FOR LOWER POND FLOW CONTROL.



PLATFORM CONNECTION DETAILS
NO SCALE

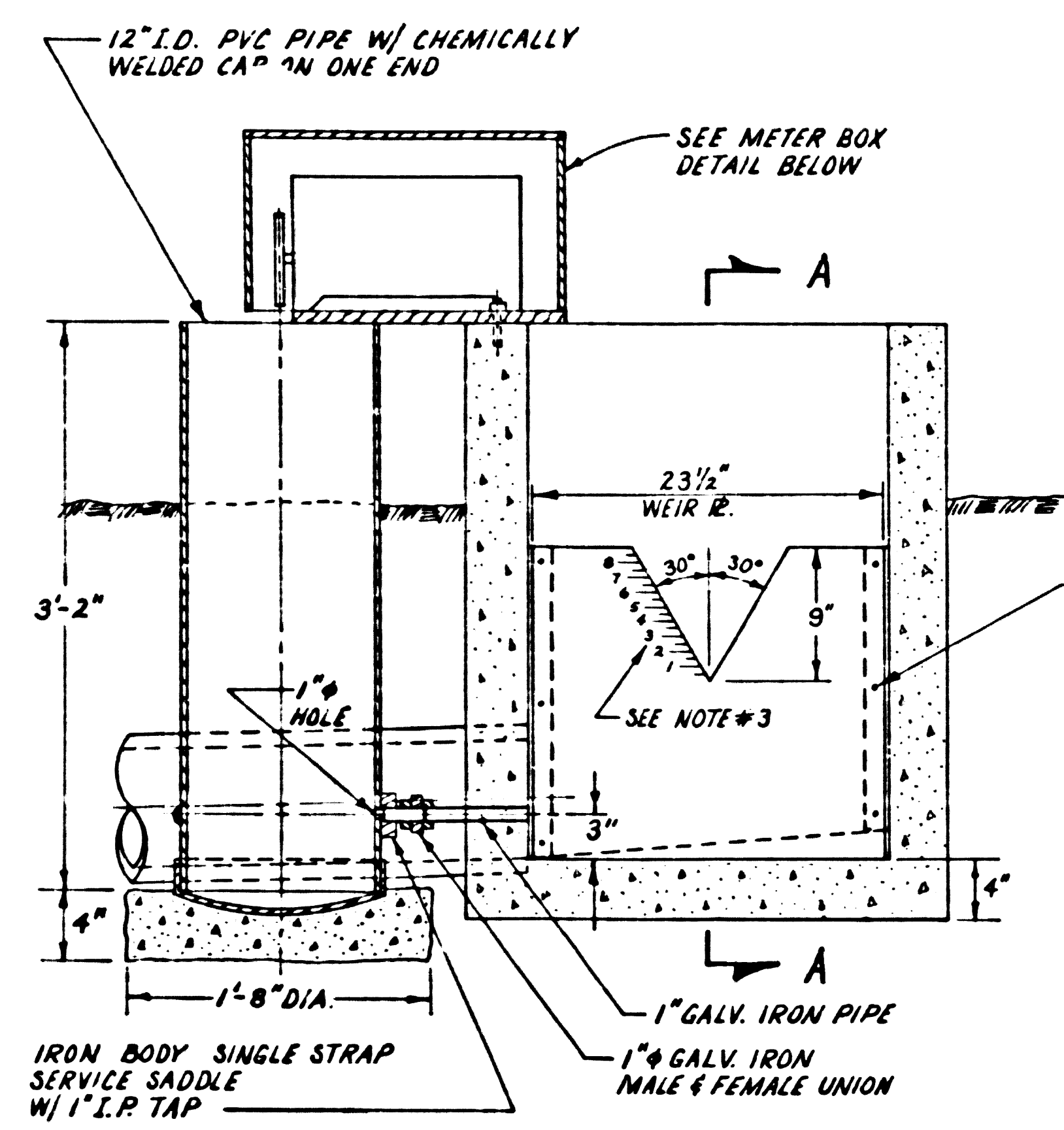


- NOTES:
1. WRAP ENTIRE FRAME IN 7x7 MESH NYLON SCREEN, EXCLUDING ENDS.
 2. ON ALL CONNECTION POINTS, TRUSS SCREW HEAD SHALL BE ON INSIDE OF FRAME.
 3. ENTIRE FRAME SHALL BE HOT-DIPPED GALVANIZED PER ASTM A-123 BEFORE SCREEN IS ATTACHED.

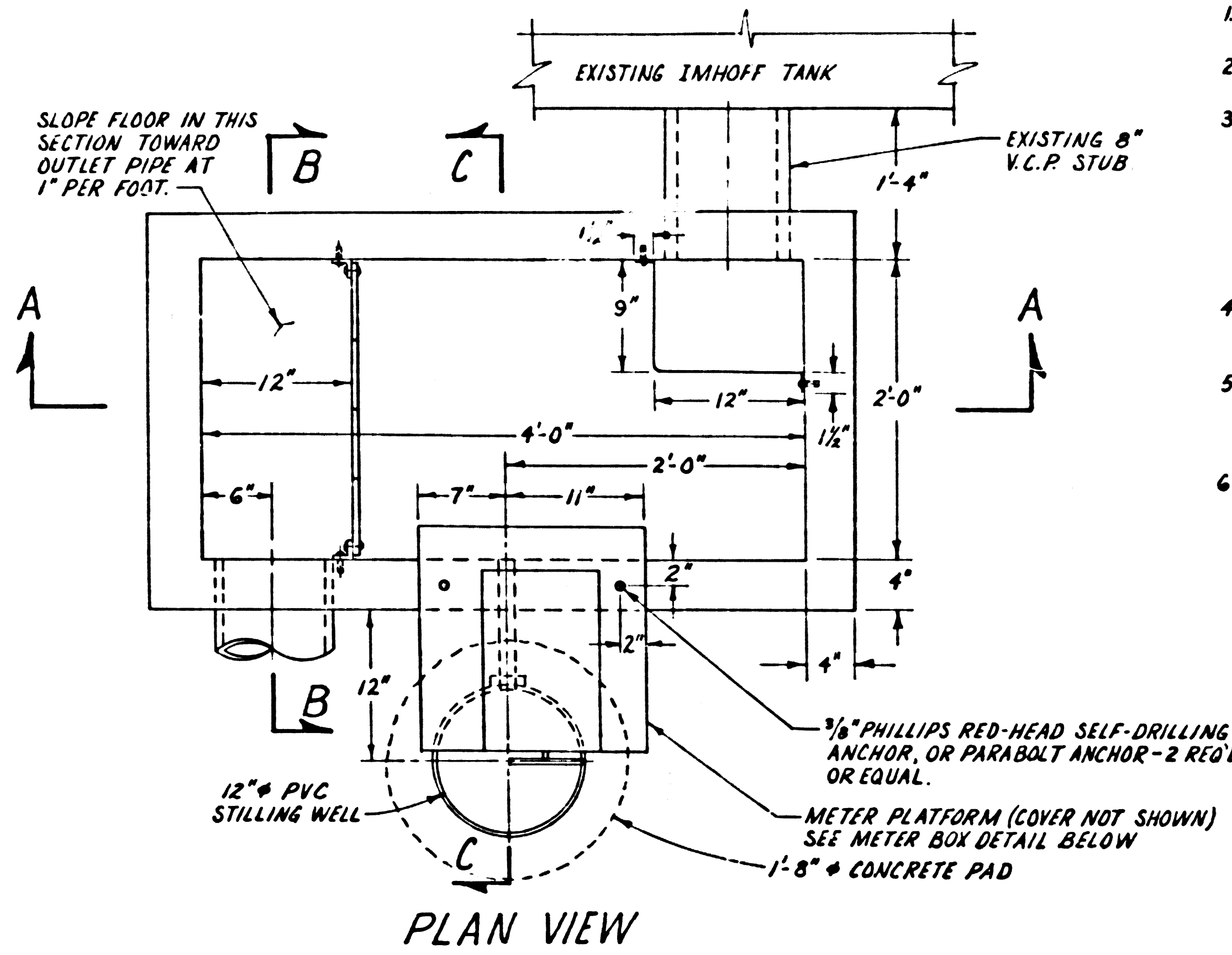


COUNTY OF LOS ANGELES		DEPARTMENT OF COUNTY ENGINEER	
SANITATION DIVISION		MARCH, 1975	
HARVEY T. BRANDT, COUNTY ENGINEER			
SEWAGE TREATMENT PLANT IMPROVEMENTS FOR GORMAN LAKE OUTLET STRUCTURE DETAILS			
CHECKED:	DRAWN: CONKLIN	DESIGNED: CONKLIN	
REVISION	DATE	SCALE: AS NOTED ABOVE	SHEET 9 OF 12 SHEETS

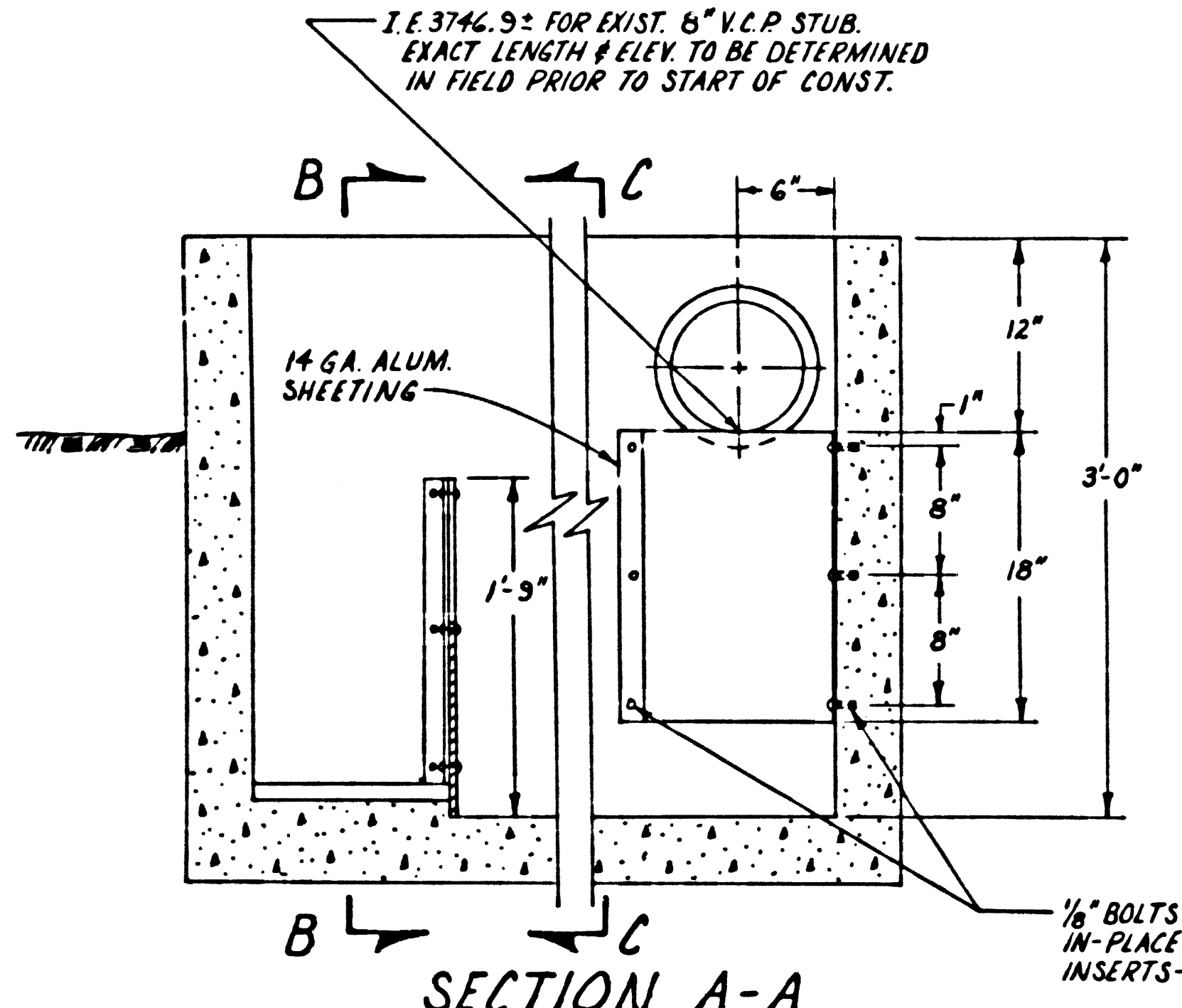
COMPLETELY REVISED OUTLET STRUCTURE & DETAILS. 3-21-75



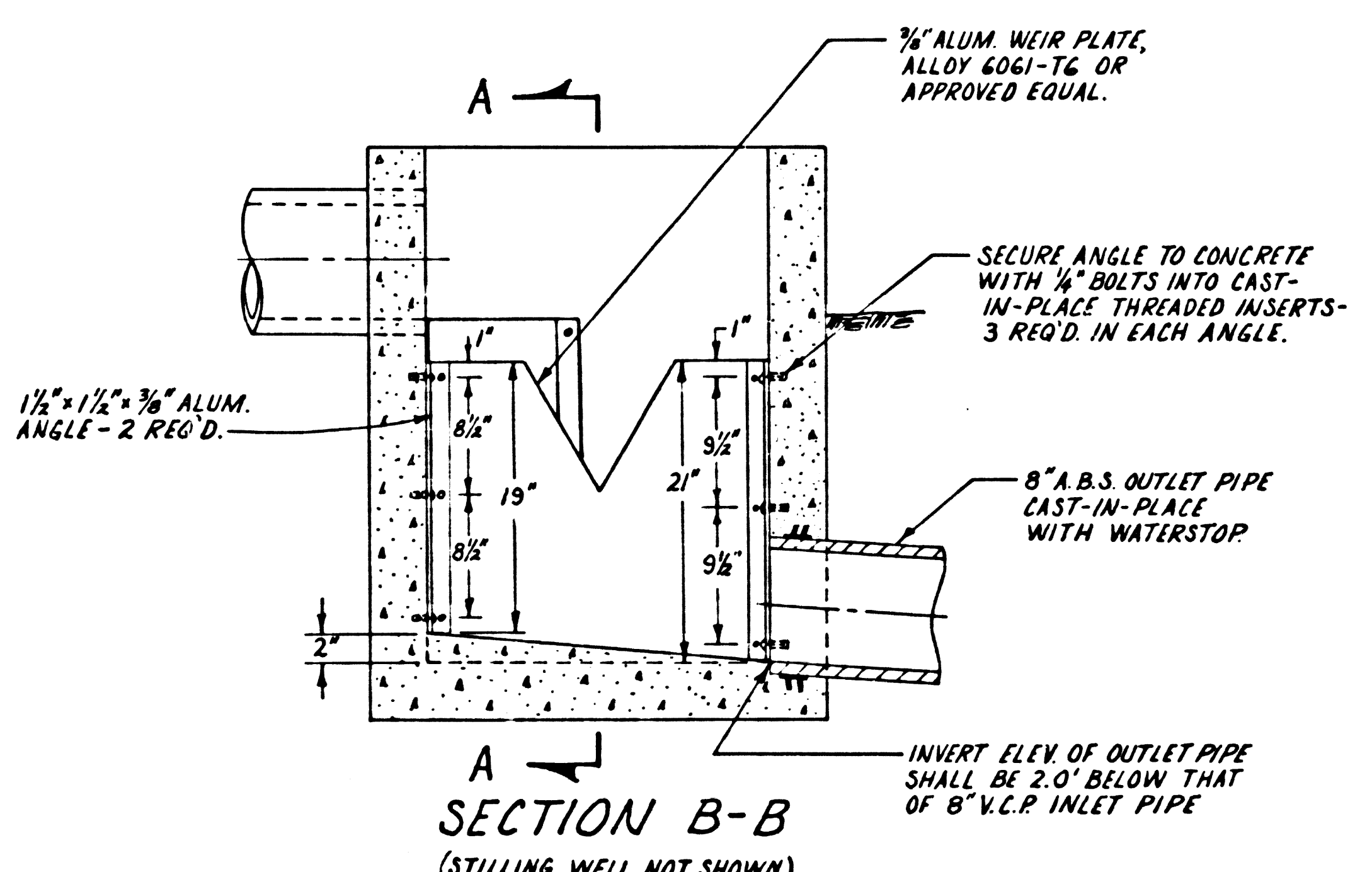
SECTION C-C



PLAN VIEW



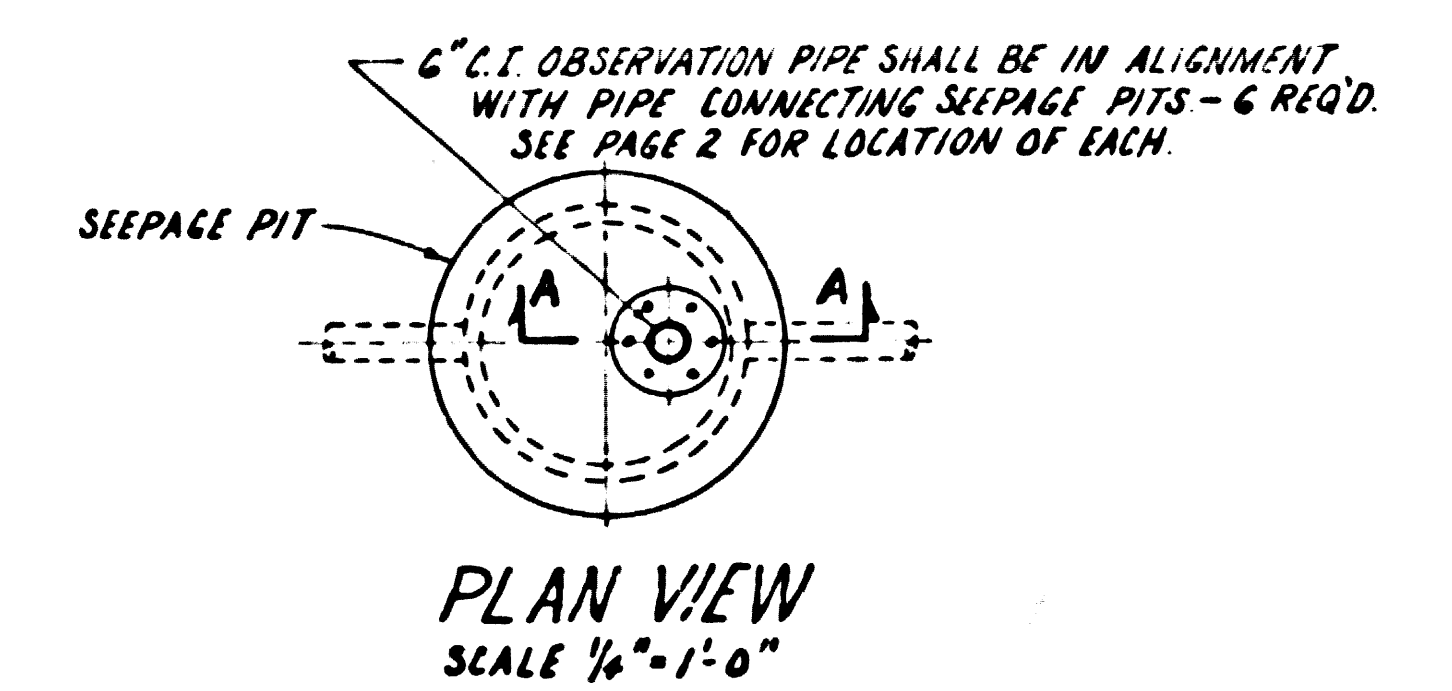
SECTION A-A



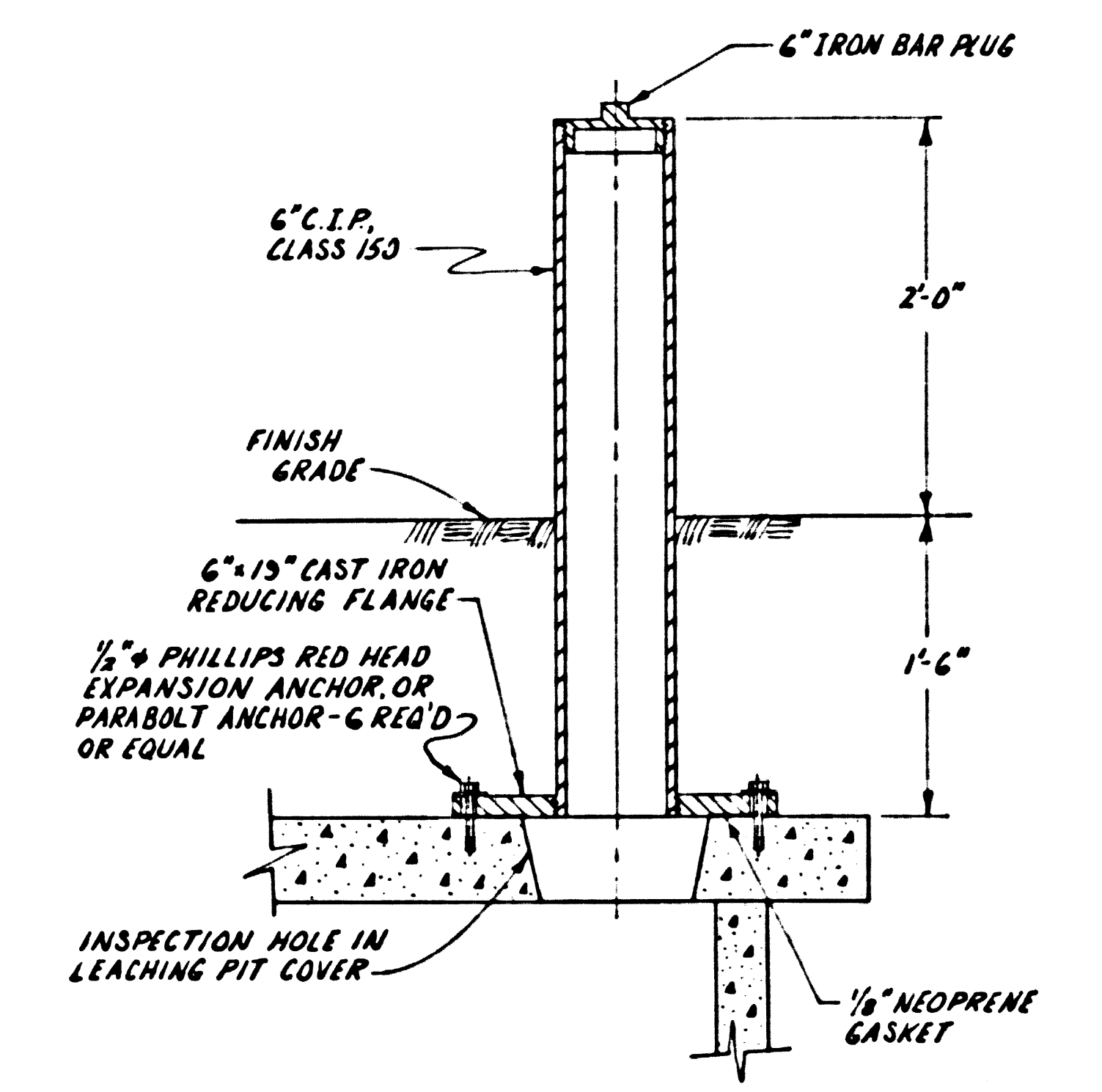
SECTION B-B

FLOW METERING STRUCTURE DETAILS
SCALE 1" = 1'-0"

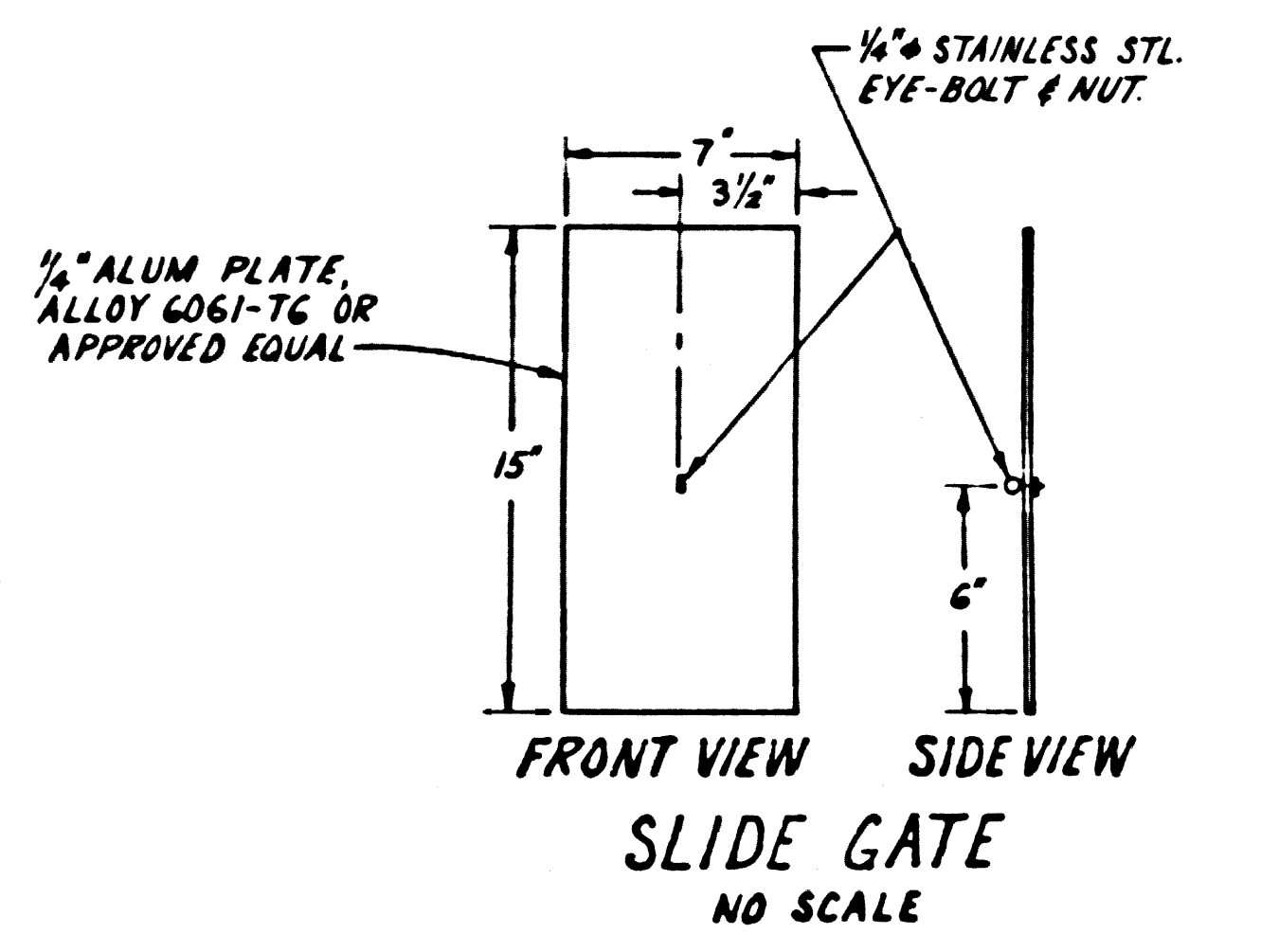
- FLOW METERING STRUCTURE NOTES:
1. ALL NUTS, BOLTS & THREADED INSERTS SHALL BE OF STAINLESS STEEL.
 2. SEAL ALL EDGES OF WEIR PLATE WITH ASPHALT EMULSION SEALANT.
 3. ETCH EDGE OF V-NOTCH AT 1/2" INTERVALS MEASURED VERTICALLY UPWARD FROM INVERT OF NOTCH A TOTAL OF 8 1/2" INCHES. MAKE HALF-INCH MARKS 1/2" LONG, FULL-INCH MARKS 1" LONG. ADD FULL-INCH NUMERALS 1/2" HIGH.
 4. WEIR BOX TO BE POURED IN PLACE AROUND EXISTING 8" V.C.P. STUB, CUT AS REQUIRED.
 5. REMOVE EXISTING UNSTABLE SOIL FOR WEIR BOX FOUNDATION AND REPLACE WITH GRANULAR MATERIAL AS REQUIRED.
 6. ALL CONCRETE SHALL BE CLASS 470C 2500.



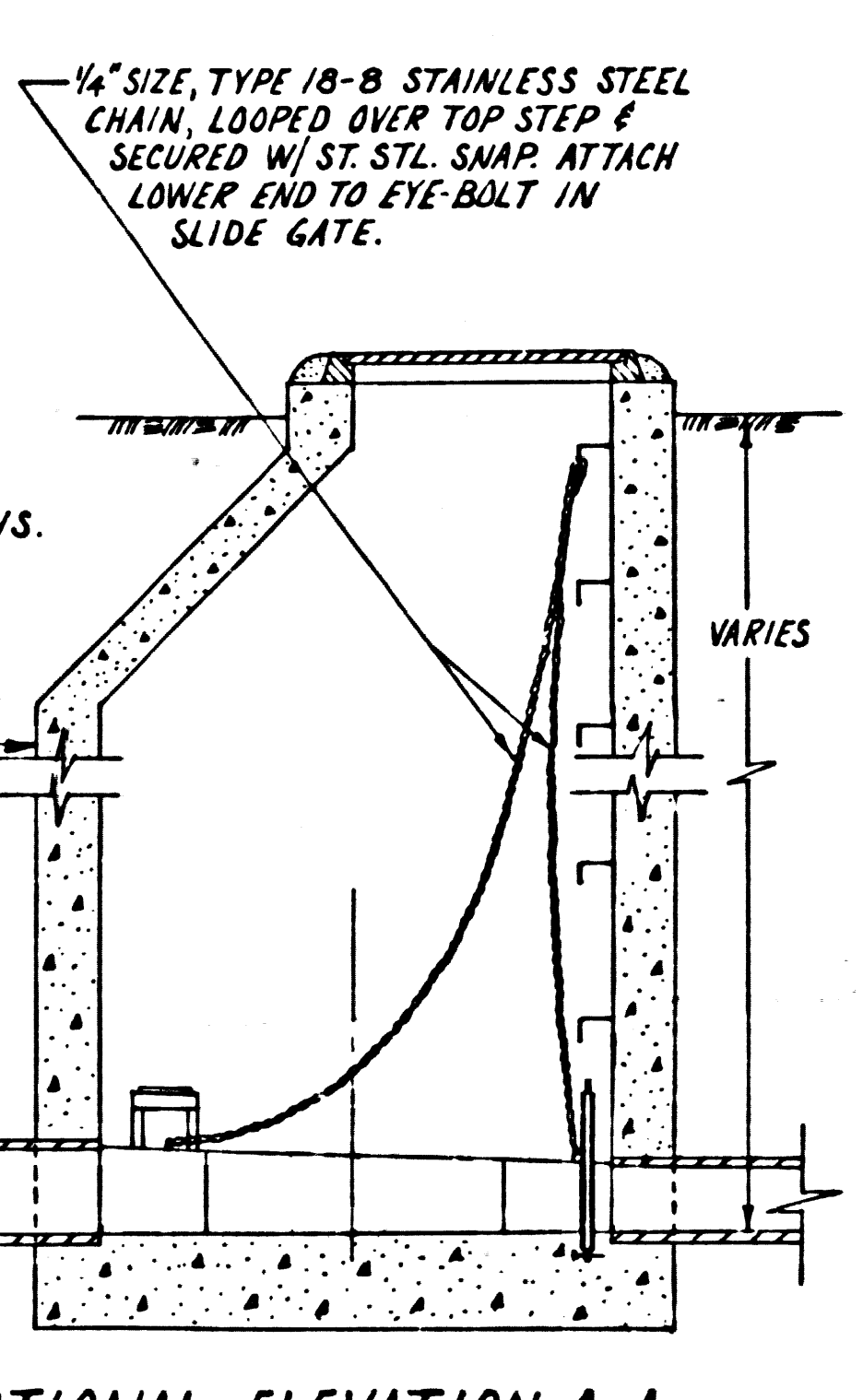
PLAN VIEW
SCALE 1/4" = 1'-0"



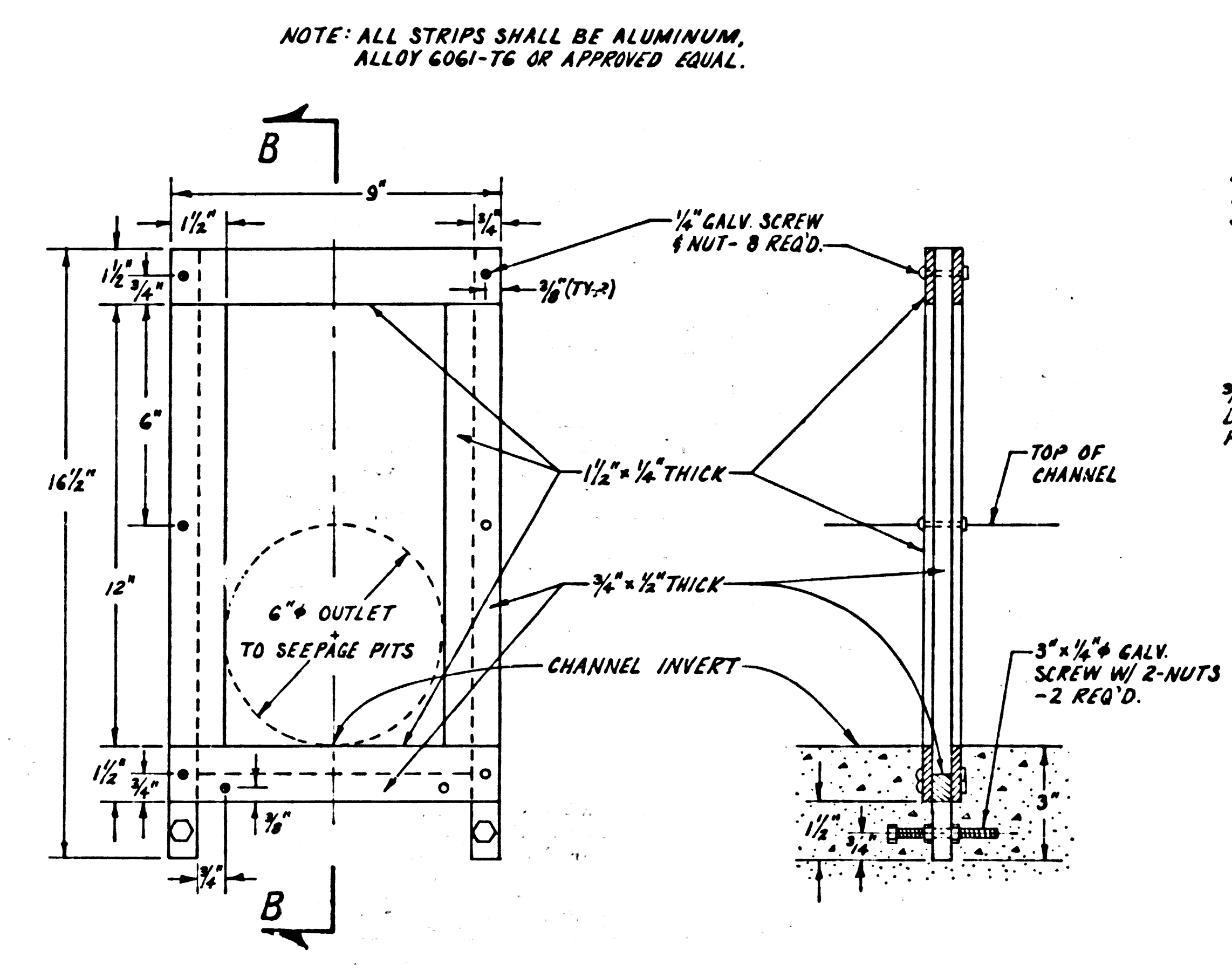
PARTIAL ELEVATION SECTION A-A
SCALE 1" = 1'-0"
SEEPAGE PIT OBSERVATION PIPE DETAIL



FRONT VIEW SIDE VIEW
SLIDE GATE
NO SCALE



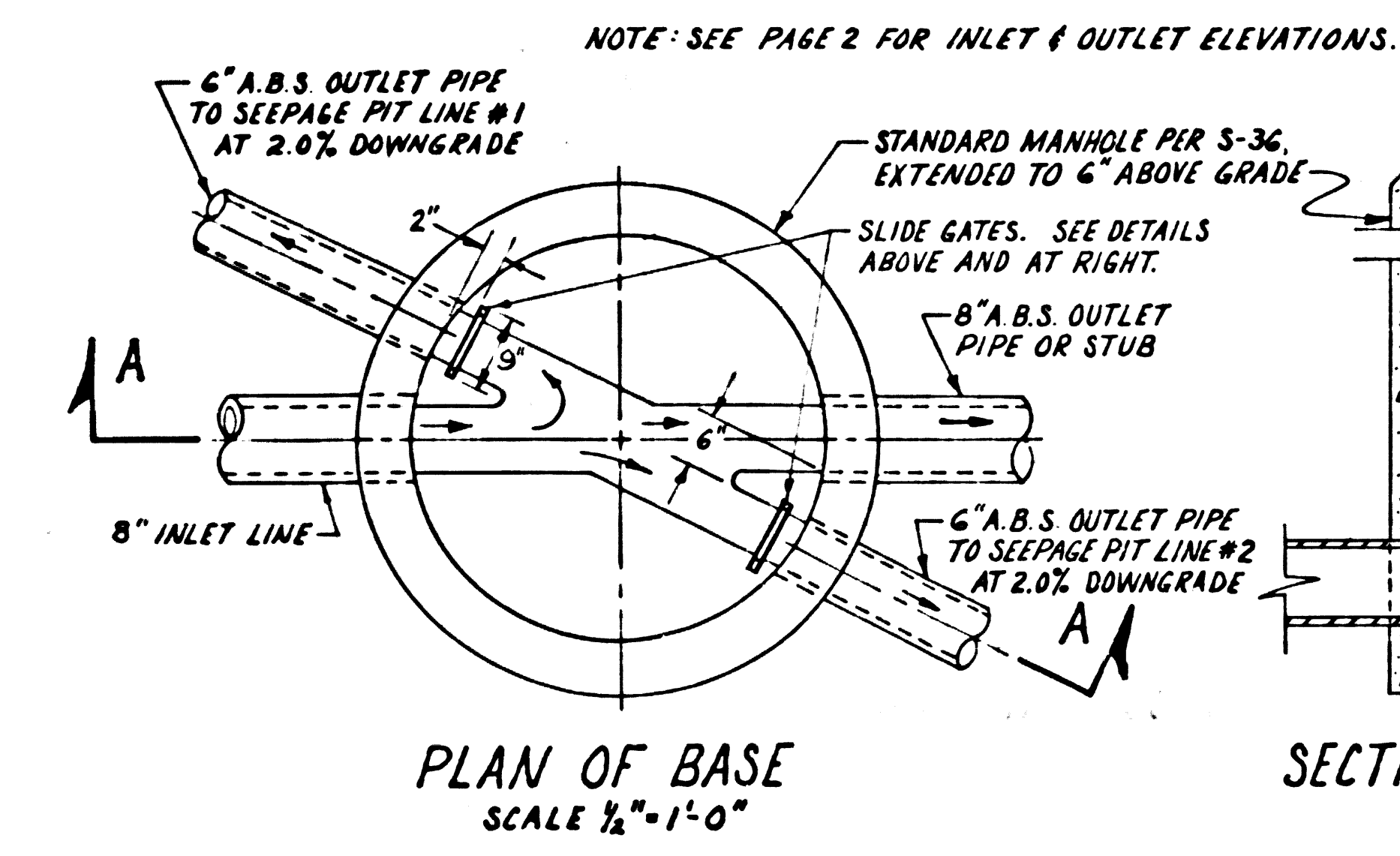
SECTIONAL ELEVATION A-A
SCALE 1/2" = 1'-0"



FRONT VIEW
SCALE 1/4" = 1"

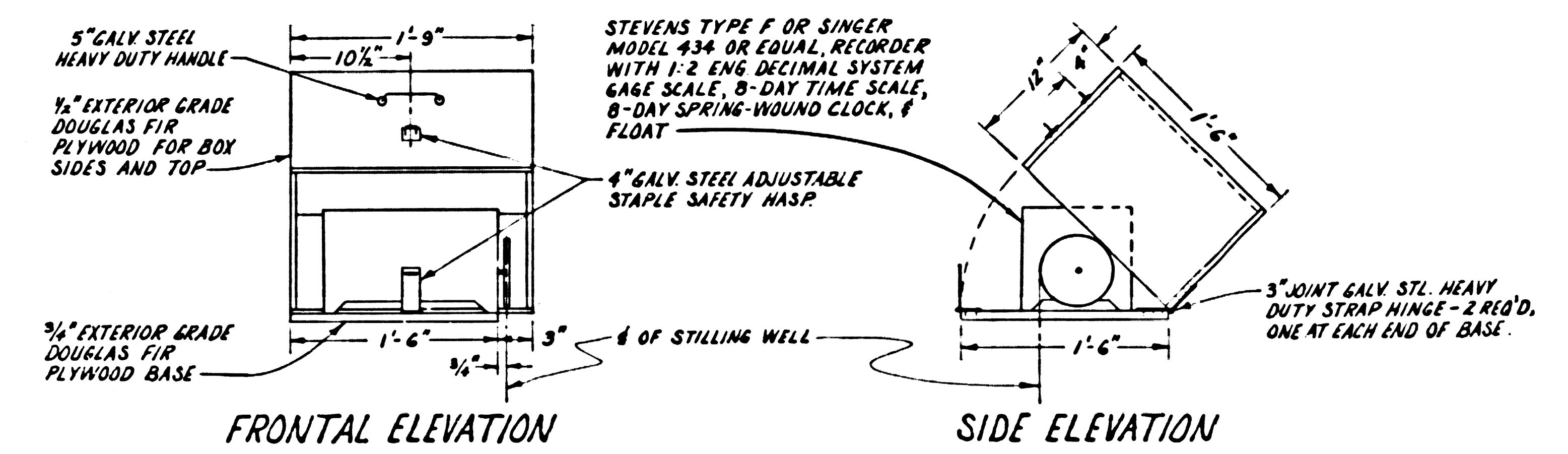
SECTION B-B
SCALE 1/4" = 1"

DISTRIBUTION MANHOLE DETAILS



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

- METER BOX NOTES:
1. BOX ELEMENTS & HARDWARE TO BE JOINED WITH GALV. WOOD SCREWS.
 2. FINISH BOX WITH PRIMER AND 2 COATS OF GREEN EXTERIOR GR. OIL BASE ENAMEL.
 3. PROVIDE PADLOCK, SARGENT No. 753HSKA, KEYS TO UG5714.

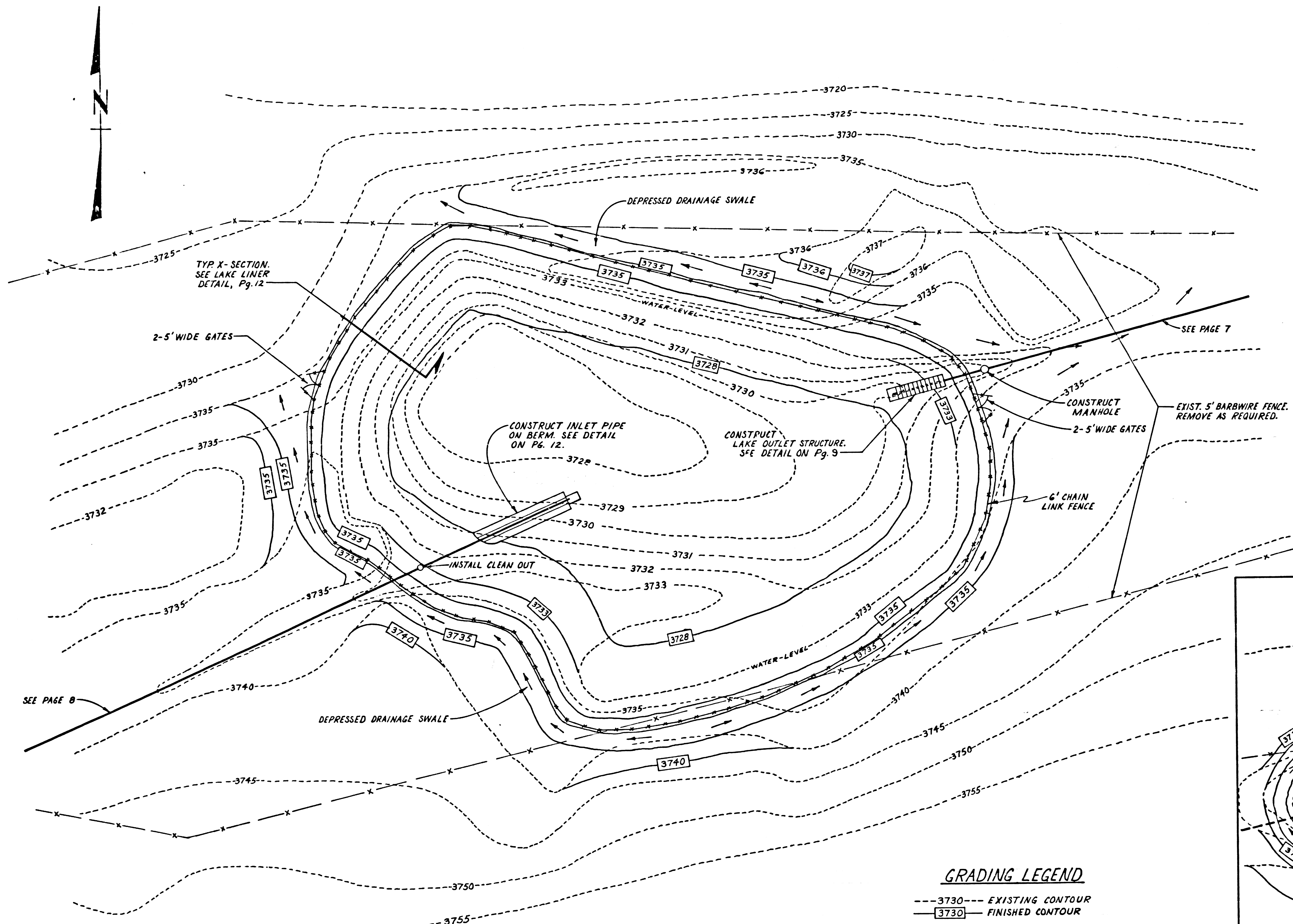


FRONTAL ELEVATION

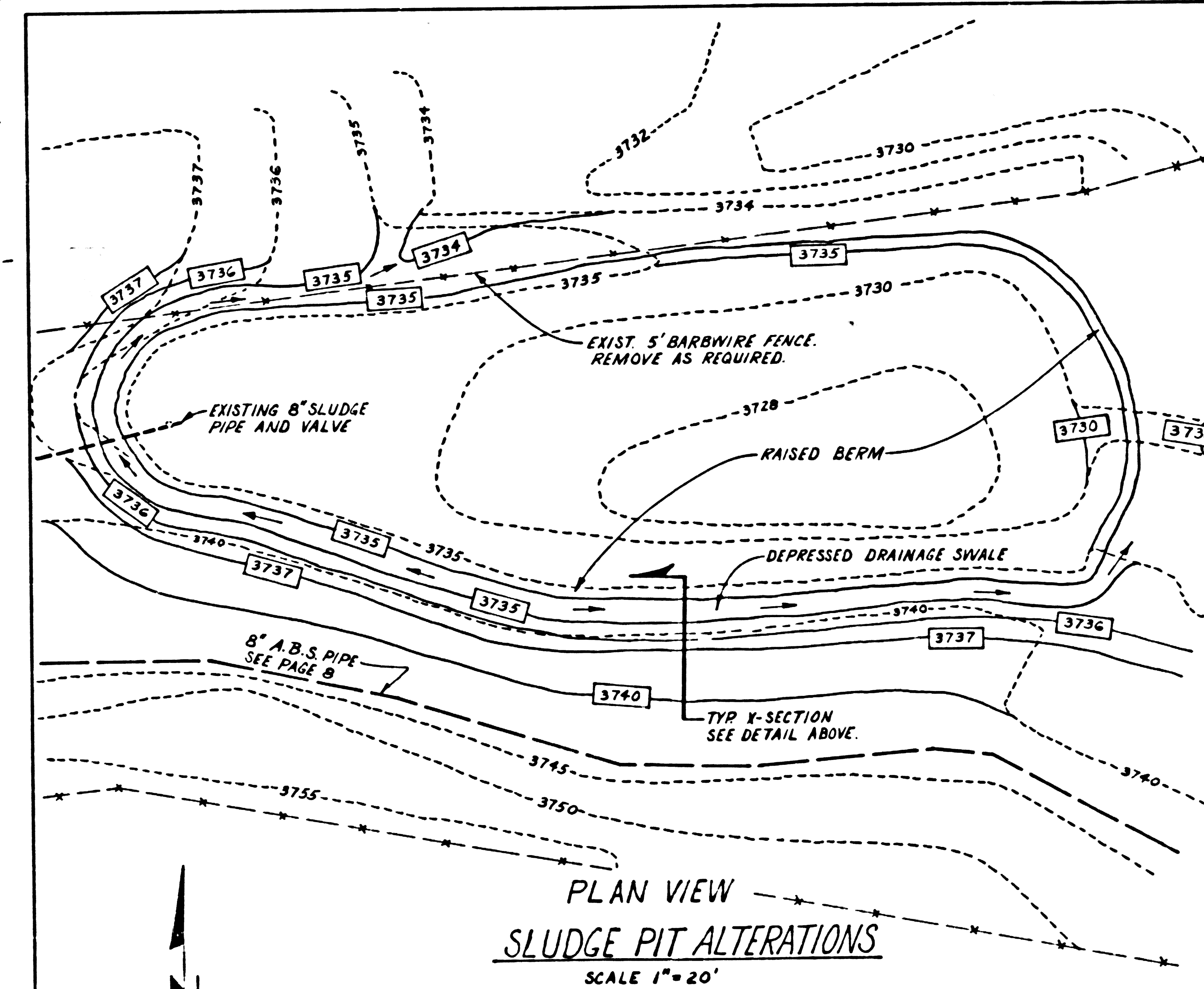
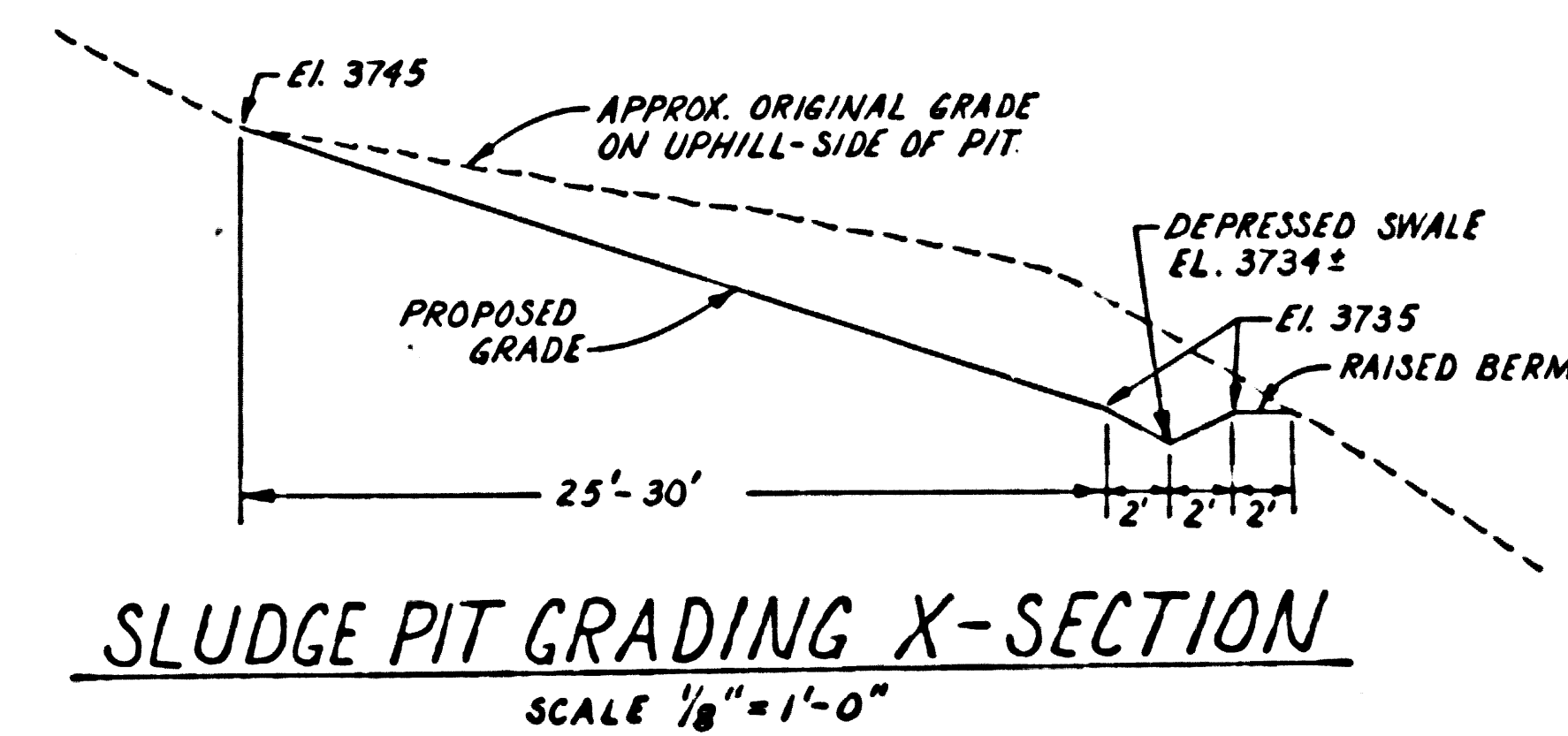
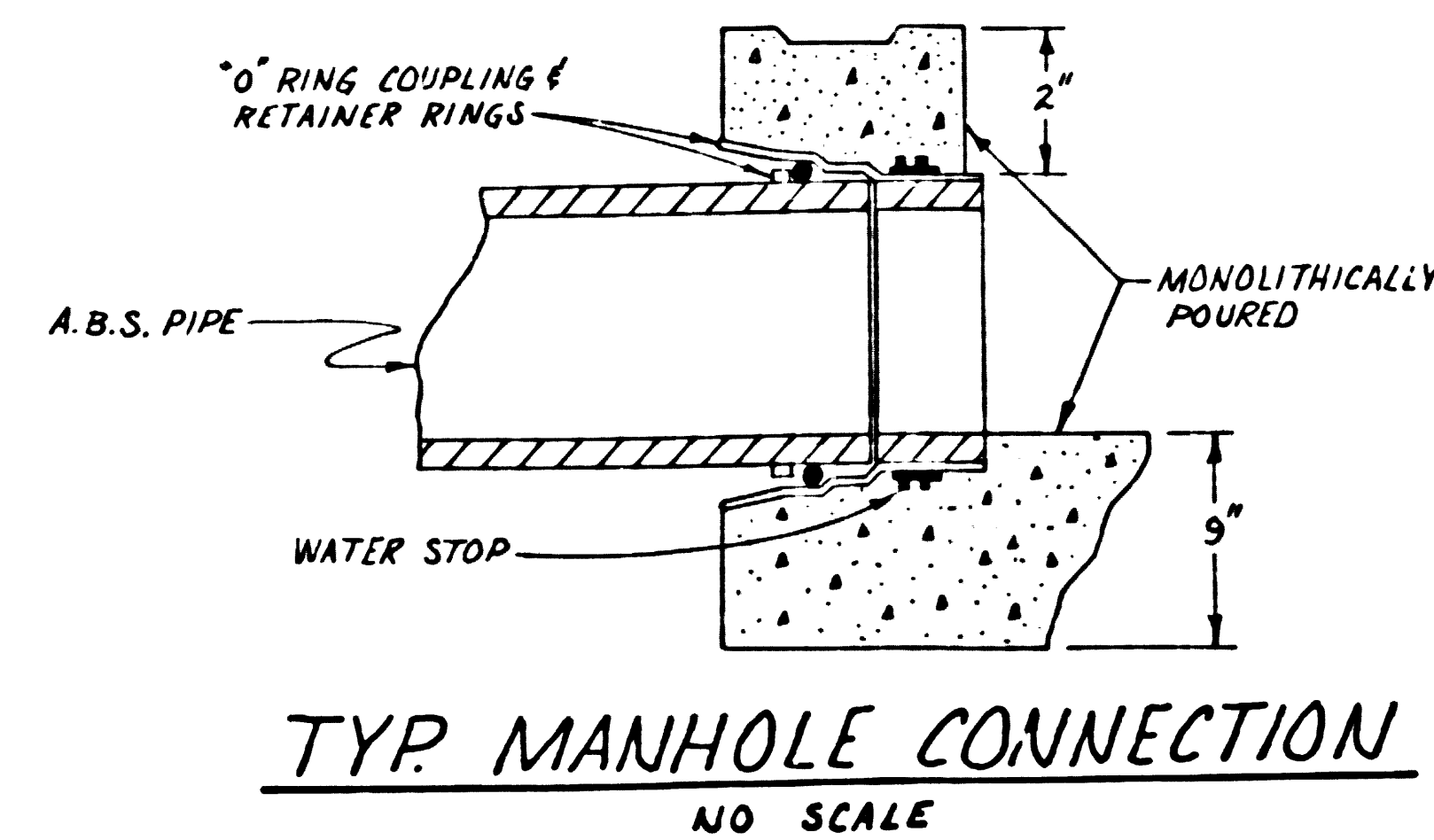
SIDE ELEVATION

METER BOX DETAILS
SCALE 1" = 1'-0"

COUNTY OF LOS ANGELES	SANITATION DIVISION	DEPARTMENT OF COUNTY ENGINEER
HARVEY T. BRANDT, COUNTY ENGINEER		OCTOBER, 1974
SEWAGE TREATMENT PLANT IMPROVEMENTS FOR GORMAN		
MISCELLANEOUS DETAILS		
REVISE DISTRIBUTION MANHOLE DETAIL ELIMINATE POST SUPPORT; ADD DISTRIBUTION M.H. DETAIL	4-23-75 3-21-75	CHECKED: 10-29-74 3-21-75 Bryan C. Conklin
REVISION	DATE	DRAWN: CONKLIN DESIGNED: CONKLIN SCALE: AS NOTED ABOVE PAGE 10 OF 12 PAGES

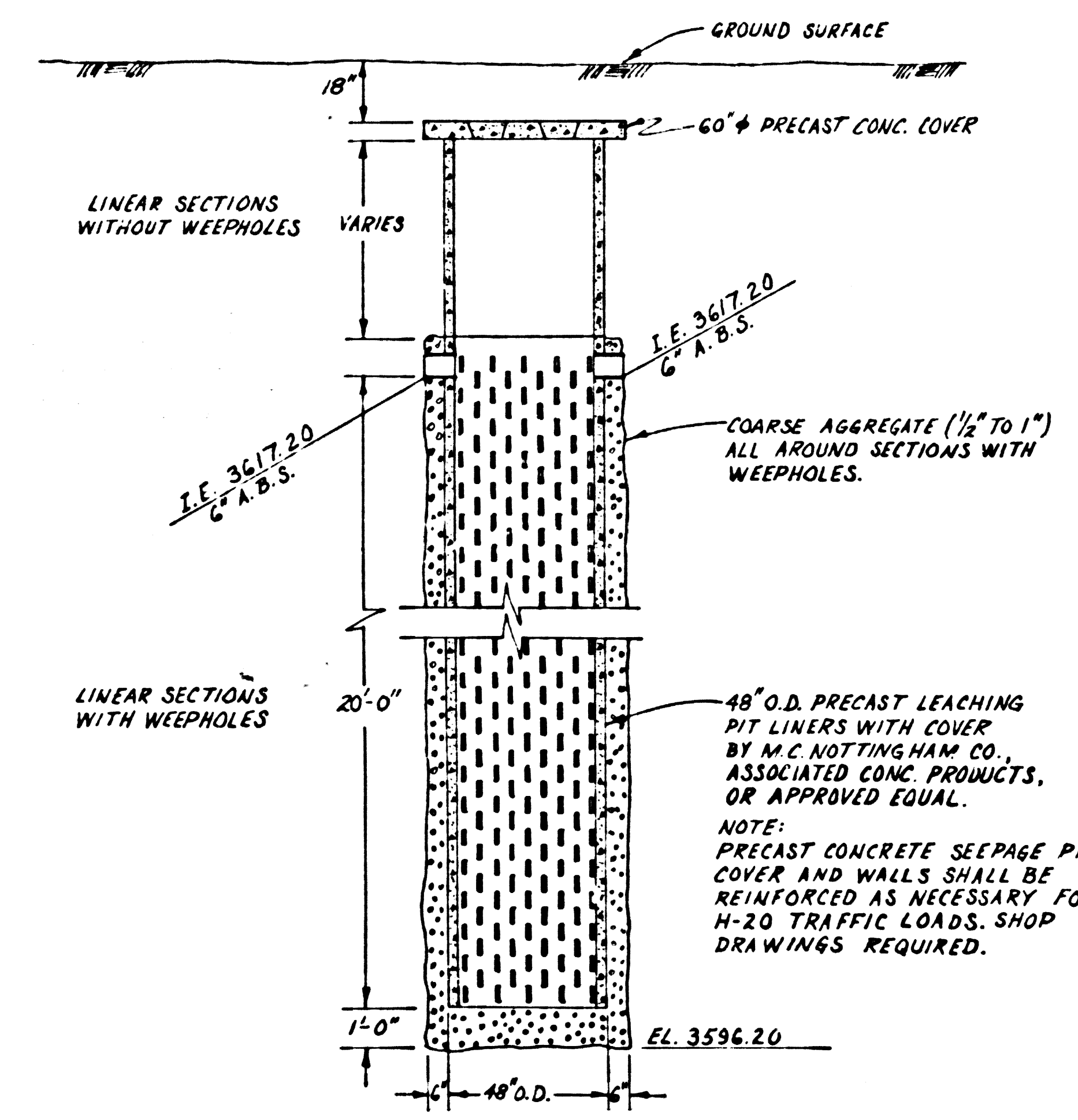
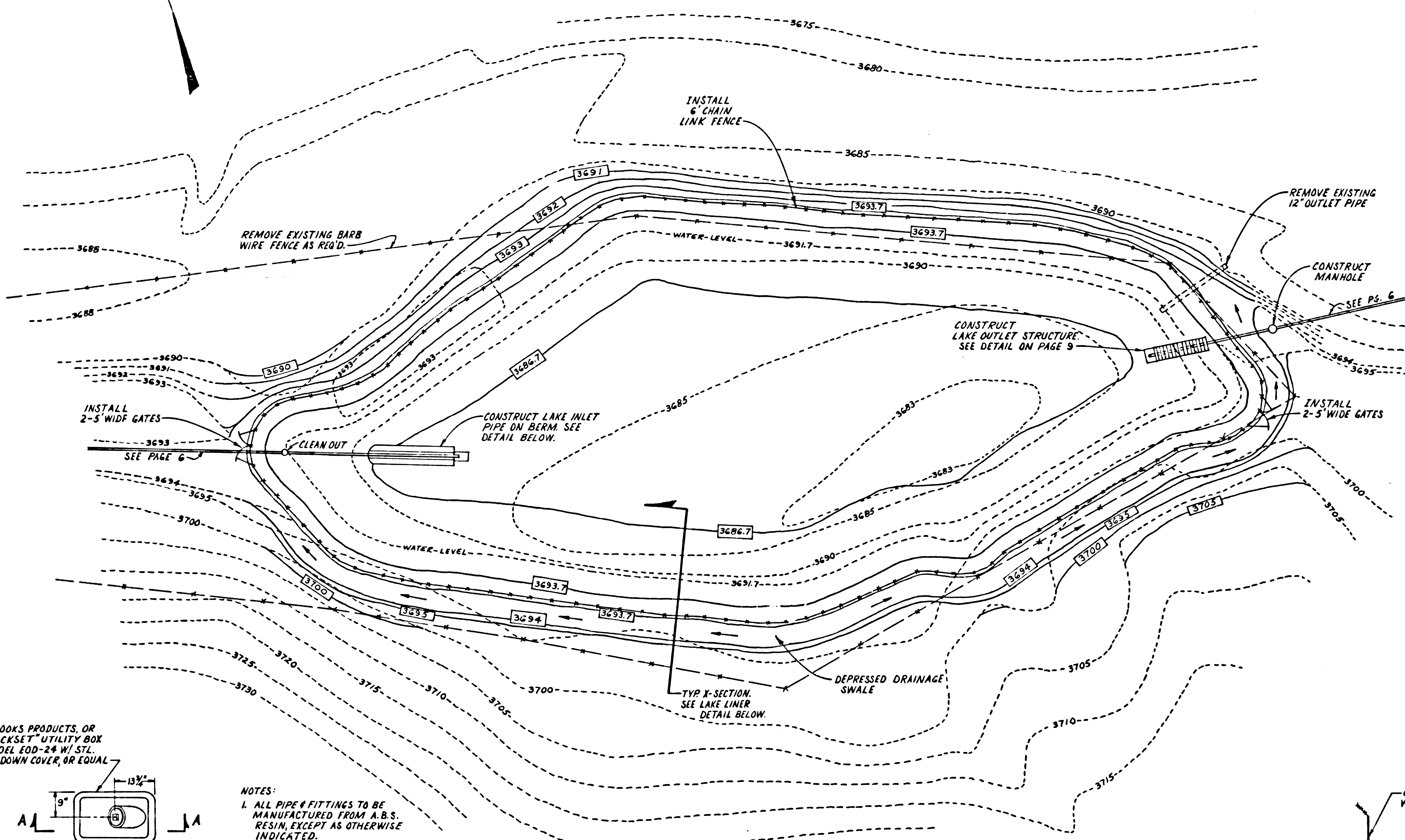


PLAN VIEW
UPPER OXIDATION POND ALTERATIONS
SCALE 1" = 20'



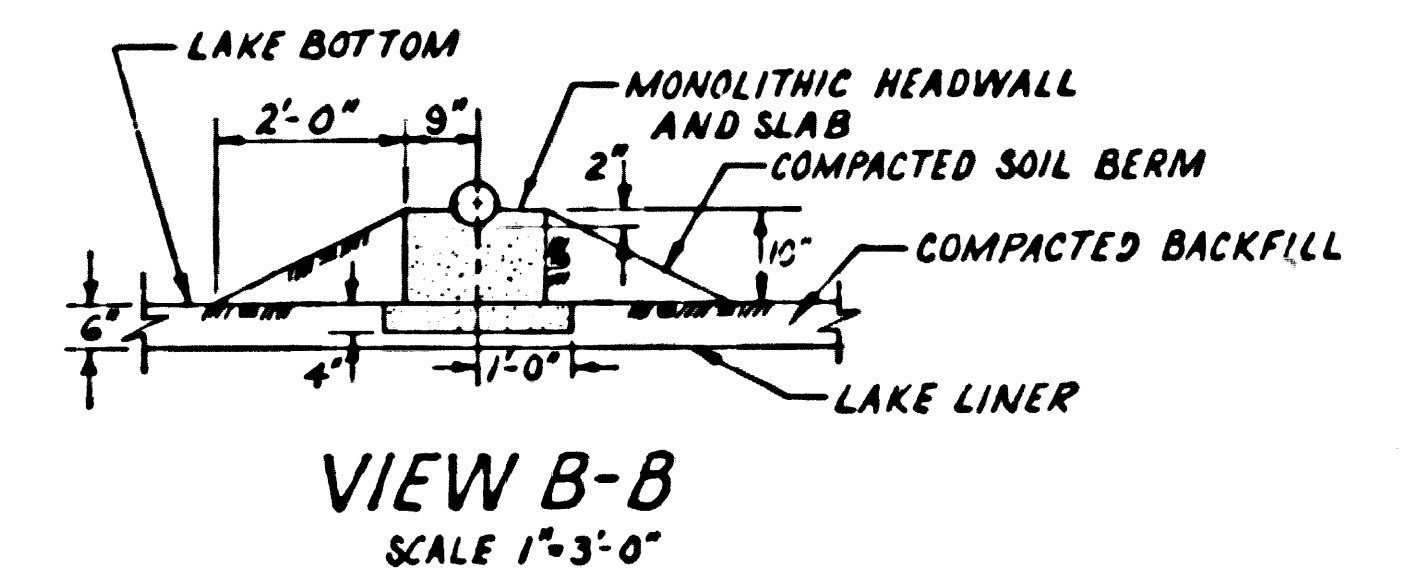
COUNTY OF LOS ANGELES		DEPARTMENT OF COUNTY ENGINEER	
SANITATION DIVISION		OCTOBER, 1974	
HARVEY T. BRANDT, COUNTY ENGINEER			
SEWAGE TREATMENT PLANT IMPROVEMENTS FOR GORMAN			
UPPER OXIDATION POND AND SLUDGE PIT ALTERATIONS			
CHECKED: 10-29-74	DRAWN: CONKLIN	DESIGNED: CONKLIN	
<i>Bruce E. Samson</i>	SCALE: AS NOTED ABOVE	SHEET 11 OF 12 SHEETS	
21040			

REVISION	DATE
ADD MH CONN. DETAIL; ALTER POND INLET AND OUTLET	3-21-75

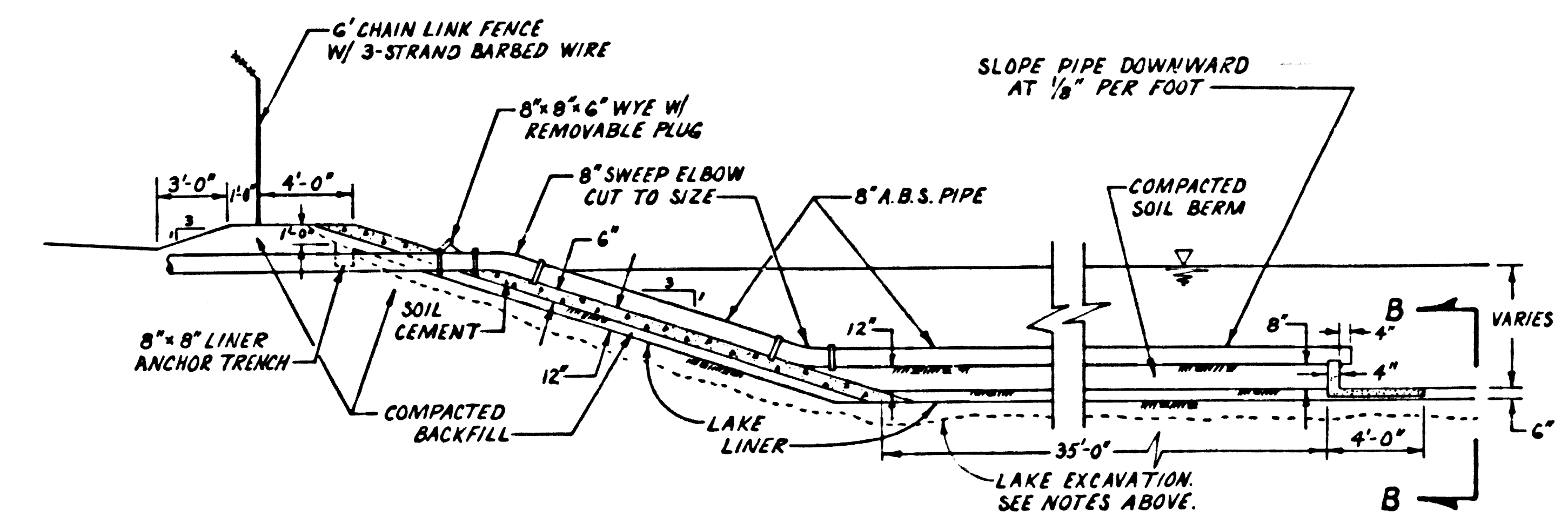


TYPICAL SEEPAGE PIT
SCALE 1"=4'-0"

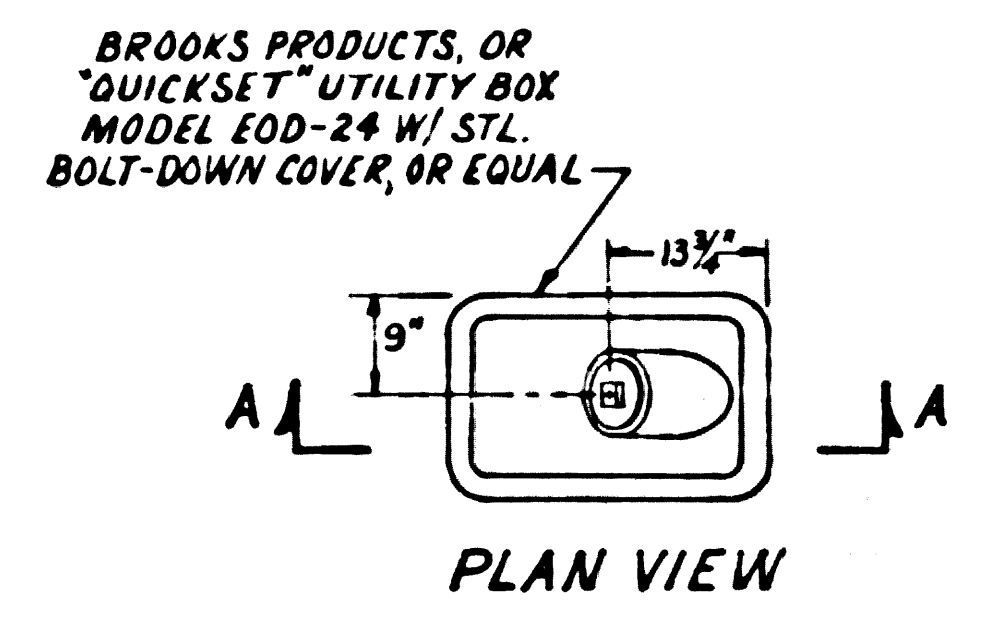
- NOTES:
1. DEPTH OF EXCAVATION SHALL BE AS NECESSARY TO REACH SOUND MATERIALS. THIS IS ESTIMATED TO BE AN AVERAGE OF 1 1/2 FT.
 2. CONTRACTOR SHALL REMOVE SLUDGE, UNSOUND AND ORGANIC MATERIALS WHERE NECESSARY, REPLACE W/ APPROVED SOIL & COMPACT.
 3. SUCH SLUDGES & UNSOUND MATERIALS SHALL BE DISPOSED OF OFF SITE AT A LEGAL POINT OF DISPOSAL, SOLELY AT THE CONTRACTOR'S EXPENSE.
 4. LINER SHALL EXTEND UNDER ENTIRE LAKE.



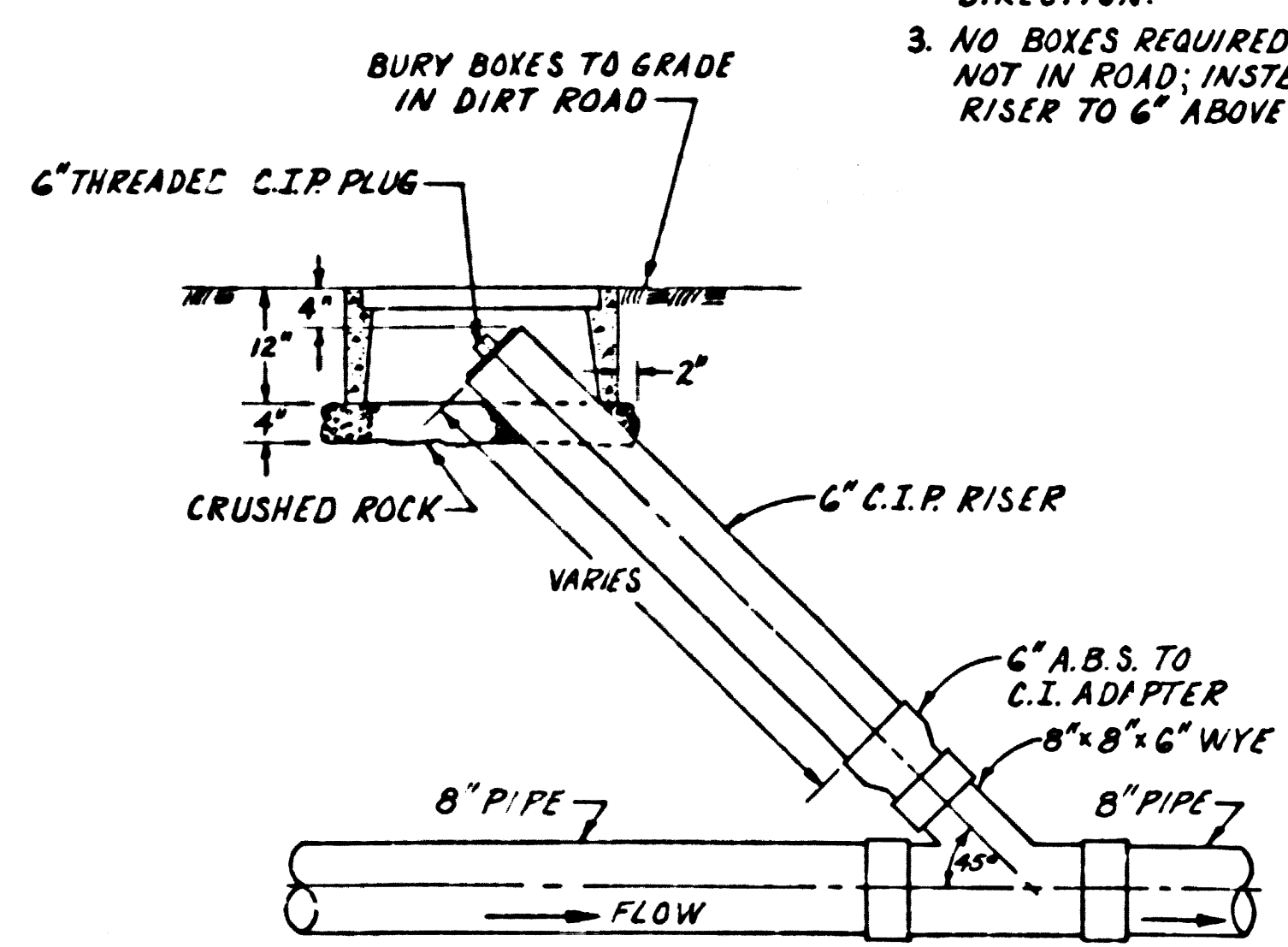
VIEW B-B
SCALE 1"=3'-0"



ELEVATION VIEW
SCALE 1"=6'-0"
LAKE INLET PIPE AND LINING DETAIL

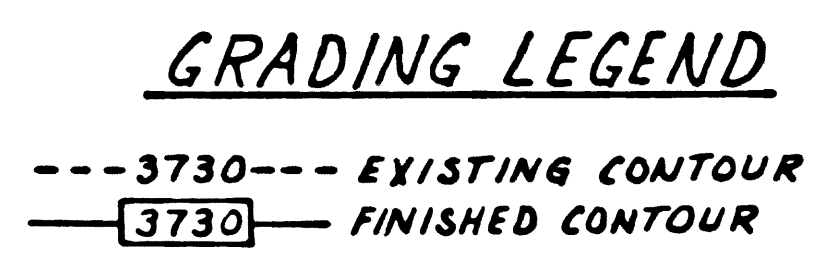


- NOTES:
1. ALL PIPE & FITTINGS TO BE MANUFACTURED FROM A.B.S. RESIN, EXCEPT AS OTHERWISE INDICATED.
 2. ALL CLEANOUTS SHALL BE DIRECTED DOWNSTREAM AS SHOWN EXCEPT AT STATION 31+90 WHICH SHALL PROVIDE FOR CLEANING IN THE UPSTREAM DIRECTION.
 3. NO BOXES REQUIRED FOR CLEANOUTS NOT IN ROAD; INSTEAD EXTEND RISER TO 6" ABOVE GRADE.



SECTIONAL ELEVATION VIEW A-A
TYPICAL CLEANOUT DETAIL
SCALE 1/4"=1'-0"

PLOT PLAN
LOWER OXIDATION POND ALTERATIONS
SCALE 1"=20'



COUNTY OF LOS ANGELES	SANITATION DIVISION	DEPARTMENT OF COUNTY ENGINEER
HARRY T. BRANDT, COUNTY ENGINEER		NOVEMBER, 1974
SEWAGE TREATMENT PLANT IMPROVEMENTS FOR GORMAN		
LOWER OXIDATION POND ALTERATIONS AND MISC. DETAILS		
SEEPAGE PIT INLET & OUTLET PIPE MAT'L. & ELEVATIONS	4-23-75	CHECKED:
ADD SEEPAGE PIT, INLET PIPE & LINING, AND CLEANOUT DETAILS; ALTER POND INLET AND OUTLET.	3-21-75	<i>Brian G. Stanton</i>
REVISION	DATE	12-27-74
		DRAWN: CONKLIN
		DESIGNED: CONKLIN
		SCALE: AS NOTED ABOVE
		SHEET 12 OF 12 SHEETS

CASH CONTRACT NO. 8871-B

SEWAGE TREATMENT PLANT IMPROVEMENTS FOR GORMAN AND OTHER RIGHTS OF WAY

7 SHEETS, 11 PAGES

SCALE VERT. 1" = 4'
HORIZ. 1" = 40'

COUNTY OF LOS ANGELES, CALIFORNIA
STEPHEN J. KOONCE COUNTY ENGINEER

APPROVED *Richard E. Kuhn* 4-24-78
DIVISION ENGINEER, CIVIL ENGINEERING DIVISION
DESIGNED *Steven P. Conklin* 4-24-78
REG. C. E. NO. 24233 (DATE)

NOTES:

WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1976 EDITION WITH 1977 SUPPLEMENTS AND COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED SEPTEMBER 21, 1976 AND SHALL BE PROTECTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.

THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE 974-7283 AT LEAST 24 HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.

GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES.

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.

LAYOUT	S. R. C. & N. F. Y.	CHECKED	S. E. C.
TRACED	S. S. S.	MAINTENANCE	G. M. GARDWELL 4-25-78
F. B.	3902	A. B.	W. S. 17
		BUILDING DISTRICT NO.	

GENERAL NOTES:
REFER TO SECTION 7-10.1.3 OF STANDARD SPECIFICATIONS REGARDING SAFETY ORDERS

SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 306-1.4 OF STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER 523 CASE II, TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.

PRIOR TO TRENCH EXCAVATION, THE CONTRACTOR SHALL SUBMIT TO AND OBTAIN APPROVAL FROM THE COUNTY ENGINEER OF A DETAILED PLAN SHOWING THE DESIGN OF SHORING, BRACING, SLOPING OR OTHER PROVISIONS FOR WORKER PROTECTION FROM THE HAZARDS OF COLLAPSE.

IF SUCH PLAN VIOLATES FROM THE SHORING SYSTEM STANDARDS ESTABLISHED BY THE CONSTRUCTION SAFETY CODES, IT SHALL BE PREPARED BY A REGISTERED CIVIL OR STRUCTURAL ENGINEER.

BEDDING FOR THE SEWER PIPE SHALL BE PER 5-21, CASE II, USING PER GRAVEL IN PLACE OF CRUSHED ROCK.

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

LEGEND	5-1	CRADING AND ENCASEMENT	5-27
MINIMUM PUBLIC SAFETY REQUIREMENT	5-2	PRECAST CONCRETE J. M. H.	5-32
RECTANGULAR MANHOLE FRAME COVER	5-16	ALLOWABLE TRENCH WIDTHS	5-33
MANHOLE STEP	5-17	CHAIN LINK FENCING	C. L. PLATE-1
BEDDING FOR SEWER PIPE	5-21		
RECTANGULAR SHALLOW MANHOLE	5-7		

THE CONTRACTOR SHALL OBTAIN THE FOLLOWING PERMITS PRIOR TO CONSTRUCTION:

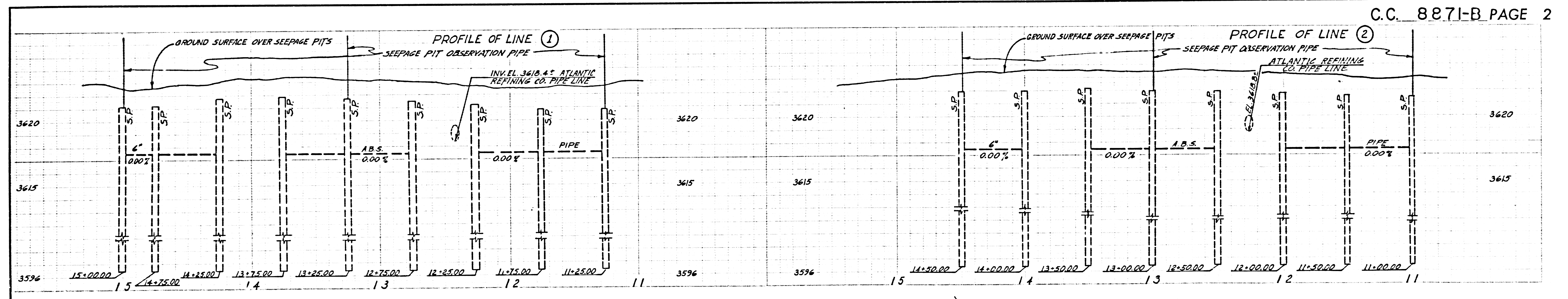
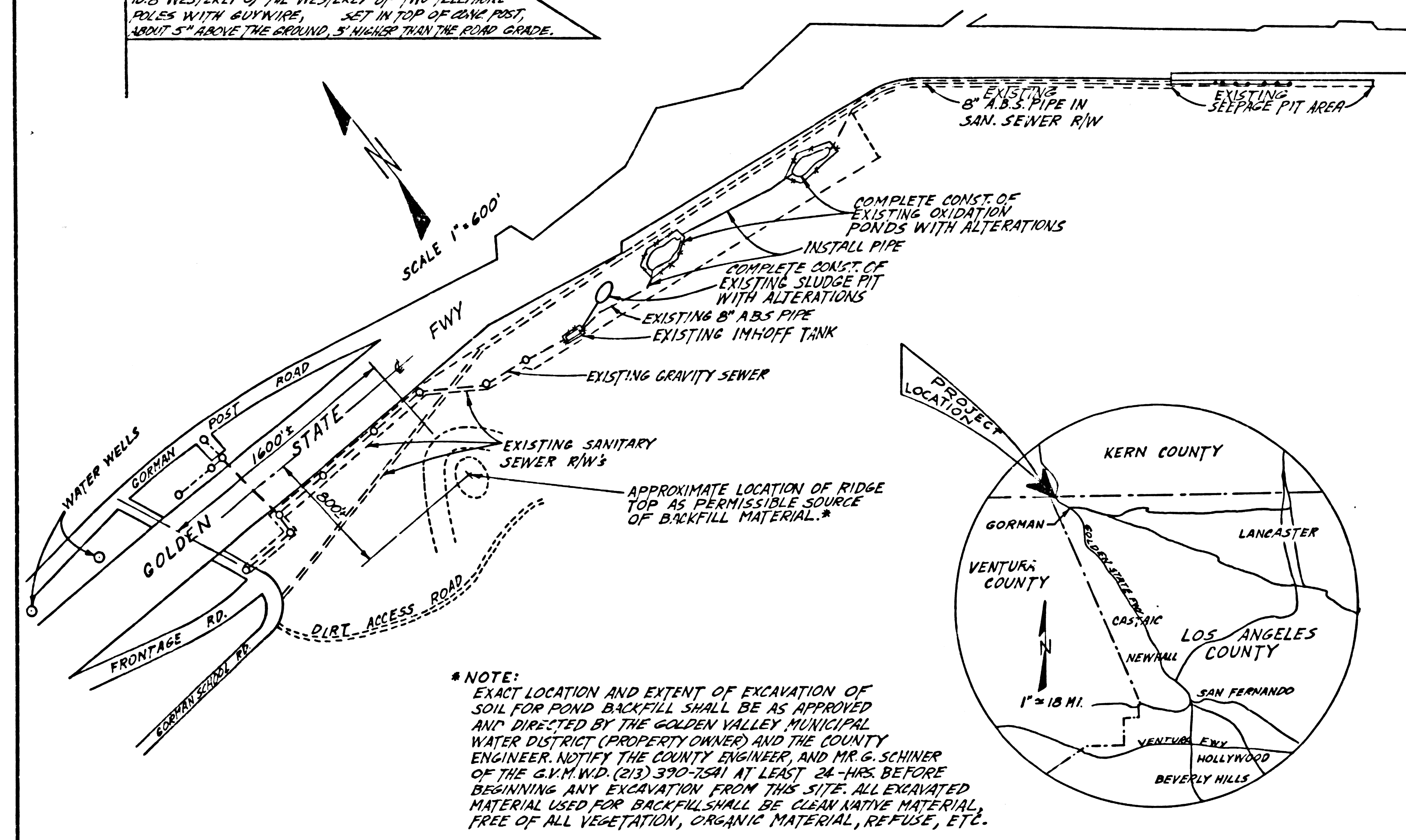
- PRIOR TO THE BEGINNING OF THE CONTRACT AGREEMENT BY THE COUNTY, THE CONTRACTOR SHALL AT HIS EXPENSE OBTAIN A "PERMIT TO EXCAVATE" FROM THE STATE OF CALIFORNIA, DIVISION OF INDUSTRIAL SAFETY.

THE UNDERGROUND UTILITY COMPANIES WITHIN THE LIMITS OF THIS PROJECT ARE AS FOLLOWS:

- STATE OF CALIFORNIA AND ATLANTIC REFINING CO. COMMON R/W
- SOUTHERN CALIFORNIA Edison COMPANY

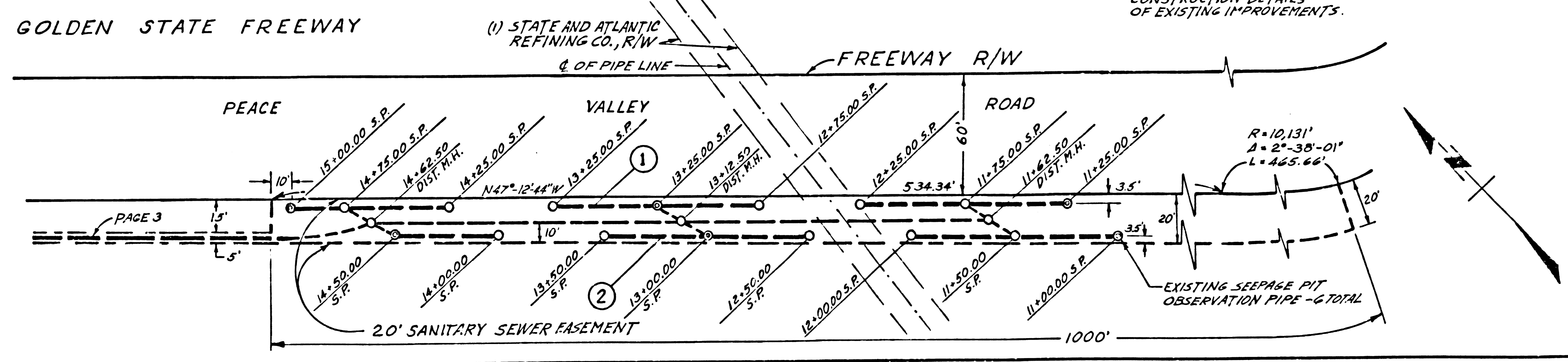
B.M. 102-101 ELEV. 3782.561 (1970 ADJ. EL.)
F.D. (U.S.C. & G.S. 2-346) U.S. HWY 99 (OLD ALIGNMENT)
124.8' EASTERLY OF S.W. CORNER OF STATE HWY MAINTENANCE BLDG., 89.5' NORTHWESTLY OF THE ROAD, 120.8' WESTERLY OF THE WESTERLY OF TWO TELEPHONE POLES WITH AUTOWIRE, SET IN TOP OF BANK POST ABOUT 5' ABOVE THE GROUND, 3' HIGHER THAN THE ROAD GRADE.

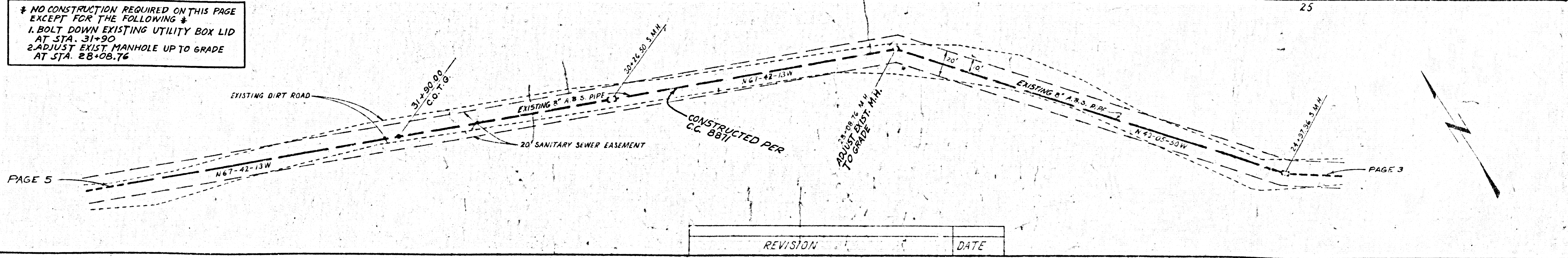
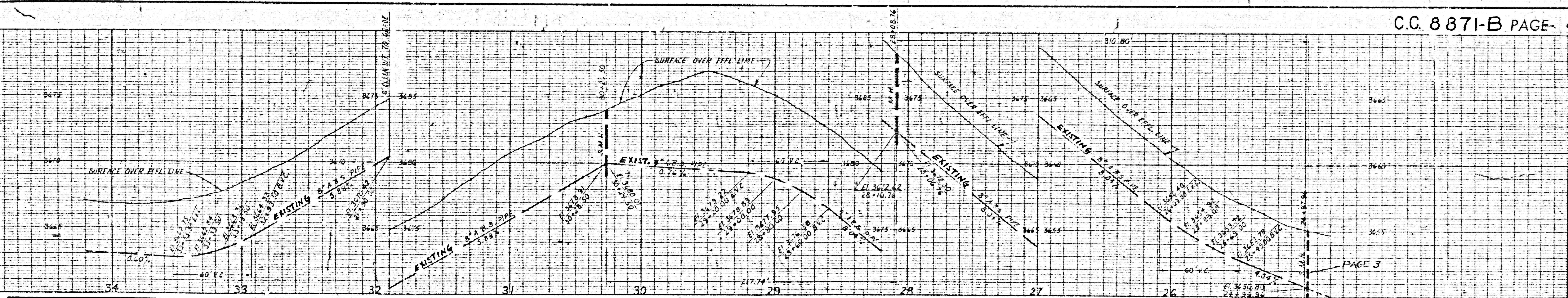
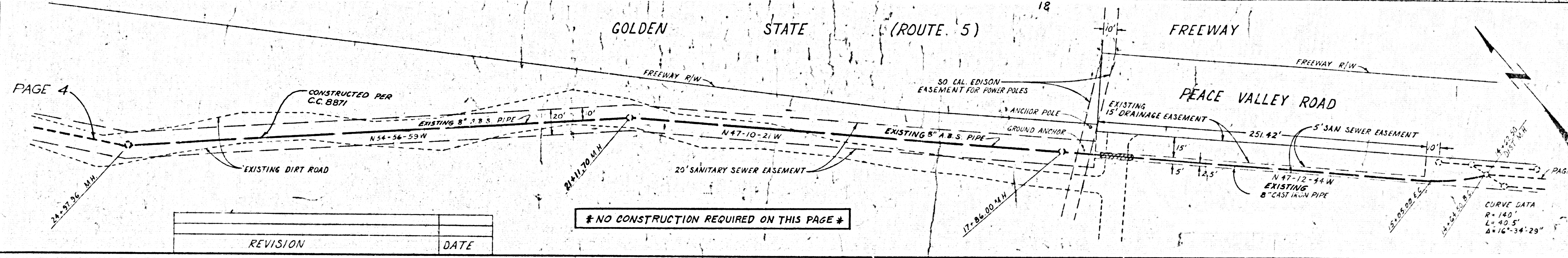
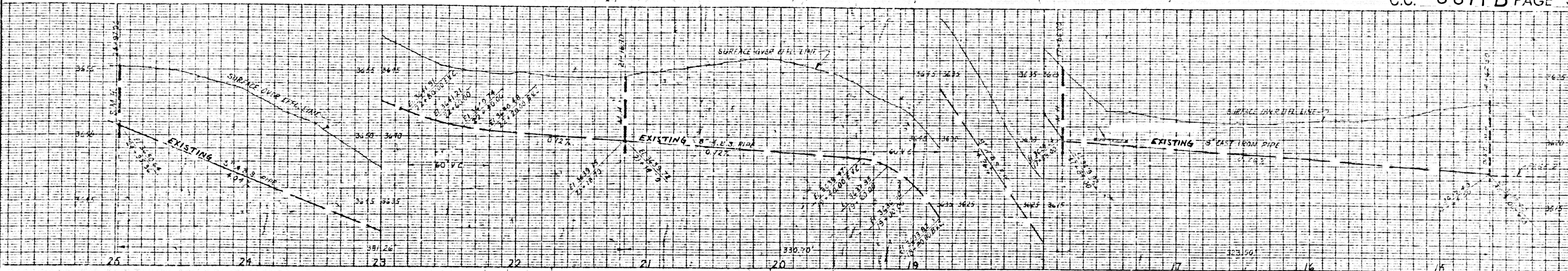
ASSISTANCE FOR THIS PROJECT IS BEING PROVIDED BY THE CALIFORNIA STATE WATER RESOURCES CONTROL BOARD AND THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY.

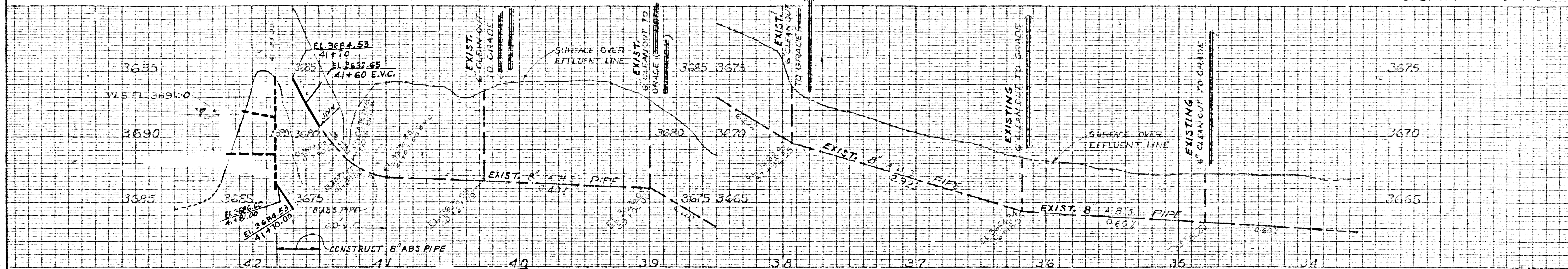


NO CONSTRUCTION REQUIRED ON THIS PAGE EXCEPT FOR THE FOLLOWING

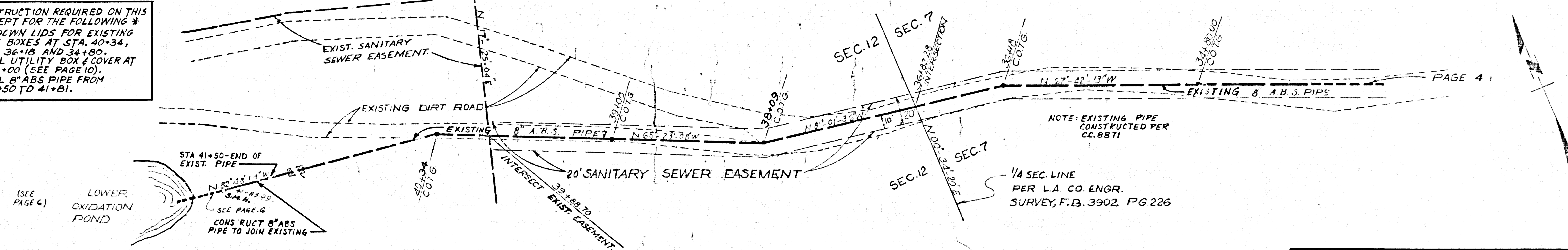
- PROVIDE S.S. CHAIN & CLIPS IN DIST. MANHOLES (SEE PAGE 9)
- COMPLETE BACKFILL & COMPACTION AROUND DIST. MANHOLES AND SEEPAGE PITS
- PROVIDE THREADED COUPLINGS & CAPS FOR ANY SEEPAGE PITS OBSERVATION WELLS NOT CAPED (SEE PAGE 9)



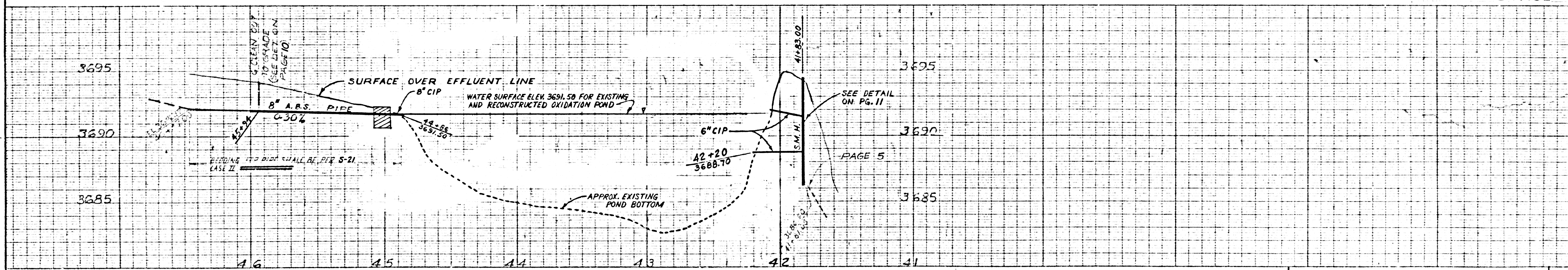




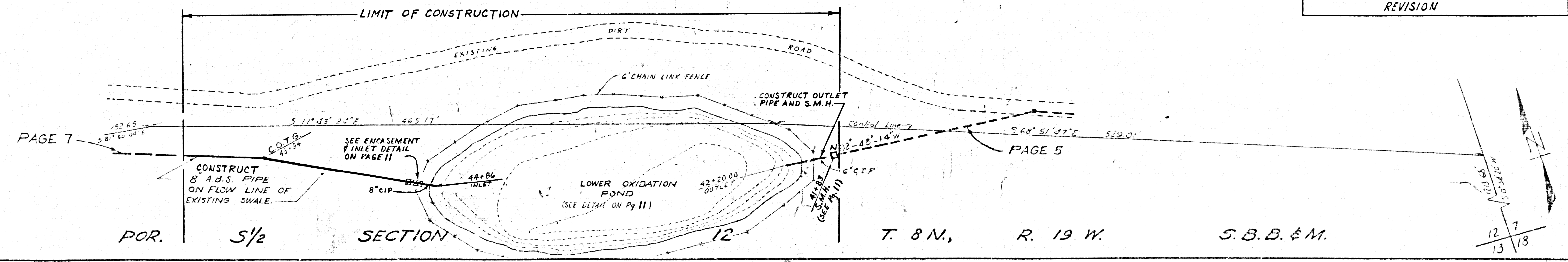
* NO CONSTRUCTION REQUIRED ON THIS PAGE EXCEPT FOR THE FOLLOWING *
 1. BOLT DOWN LIDS FOR EXISTING UTILITY BOXES AT STA. 40+34, 38+09, 36+18 AND 34+80.
 2. INSTALL UTILITY BOX & COVER AT STA. 39+00 (SEE PAGE 10).
 3. INSTALL 8" ABS PIPE FROM STA. 41+50 TO 41+81.



REVISION	DATE



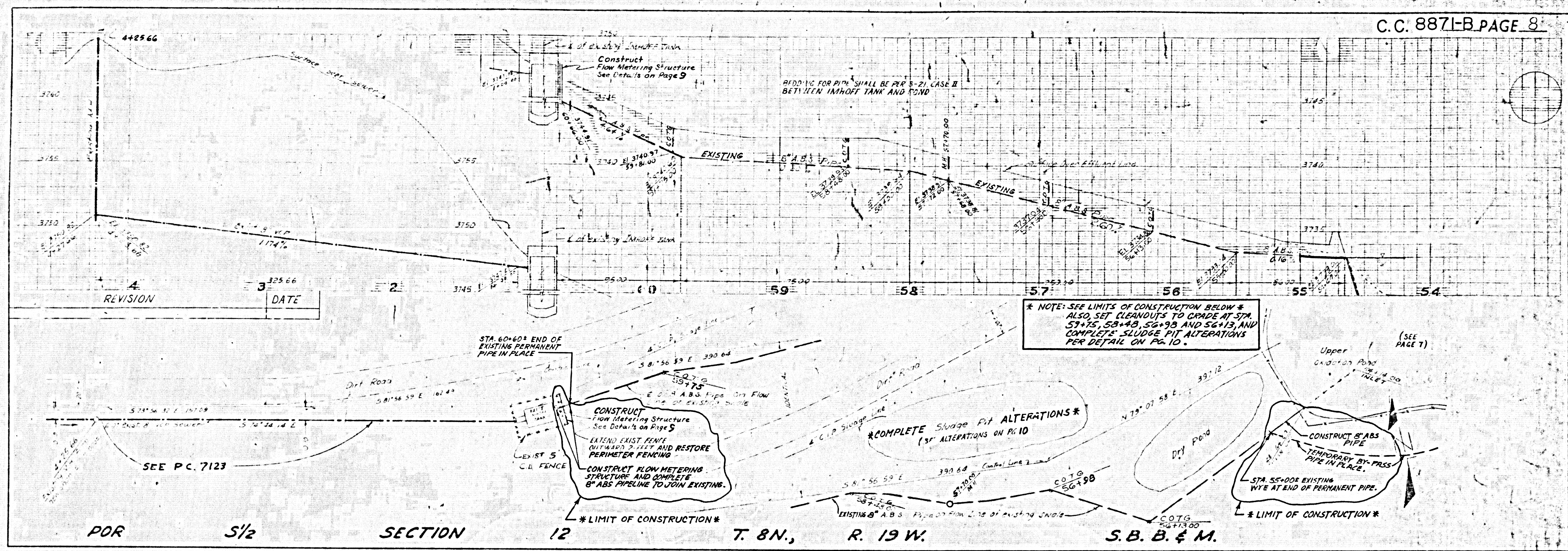
REVISION	DATE



REVISION	DATE

POR. S 1/2 SECTION 12 T. 8 N., R. 19 W. S.B.B. & M.

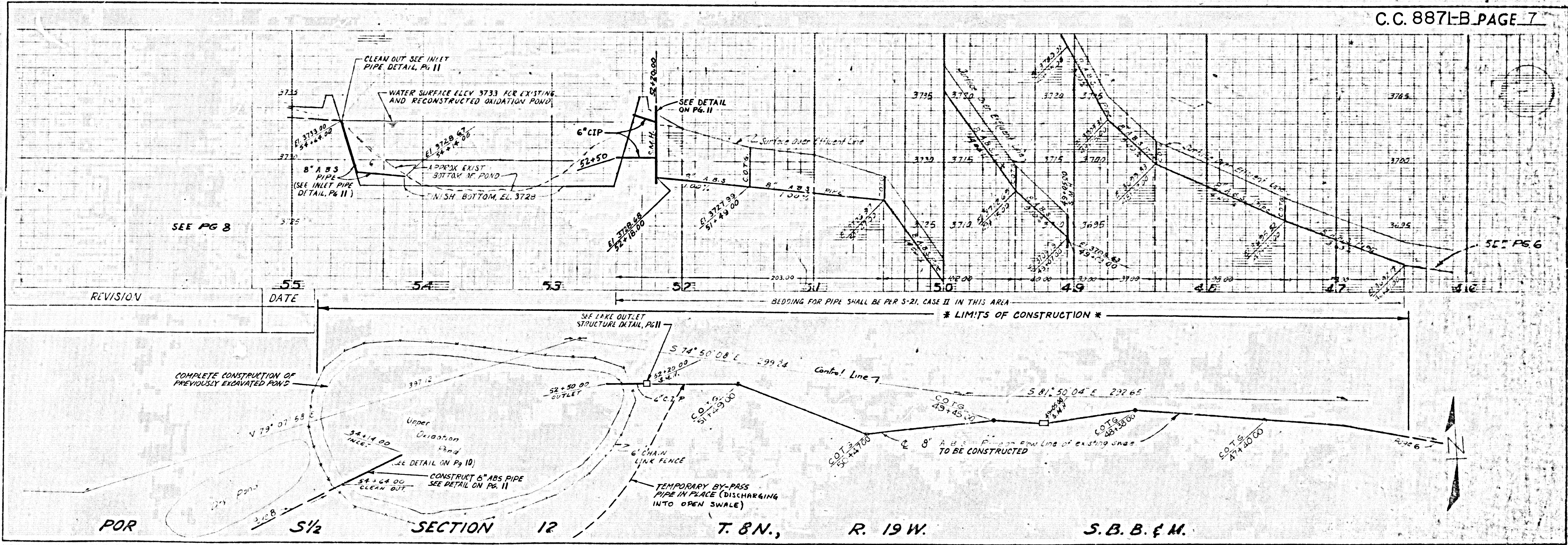
12/7/13



REVISION	DATE
3	3/25/66
4	1/17/76

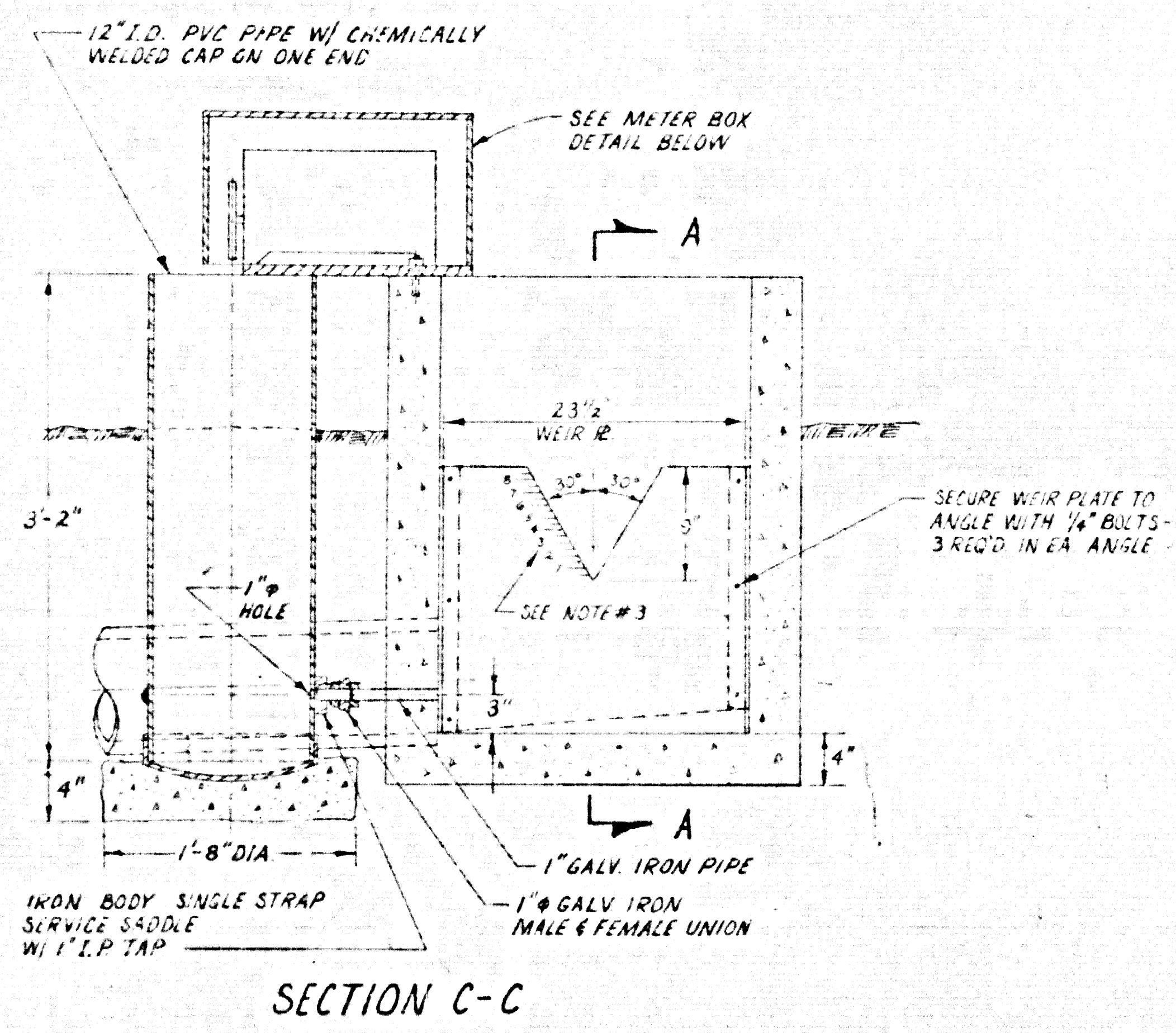
* NOTE: SEE LIMITS OF CONSTRUCTION BELOW *
 ALSO, SET CLEANOUTS TO GRADE AT STA. 57+75, 58+48, 59+98 AND 60+13, AND COMPLETE SLAGGE PIT ALTERATIONS PER DETAIL ON PG. 10.

POR S 1/2 SECTION 12 T. 8N., R. 19W. S.B.B. & M.

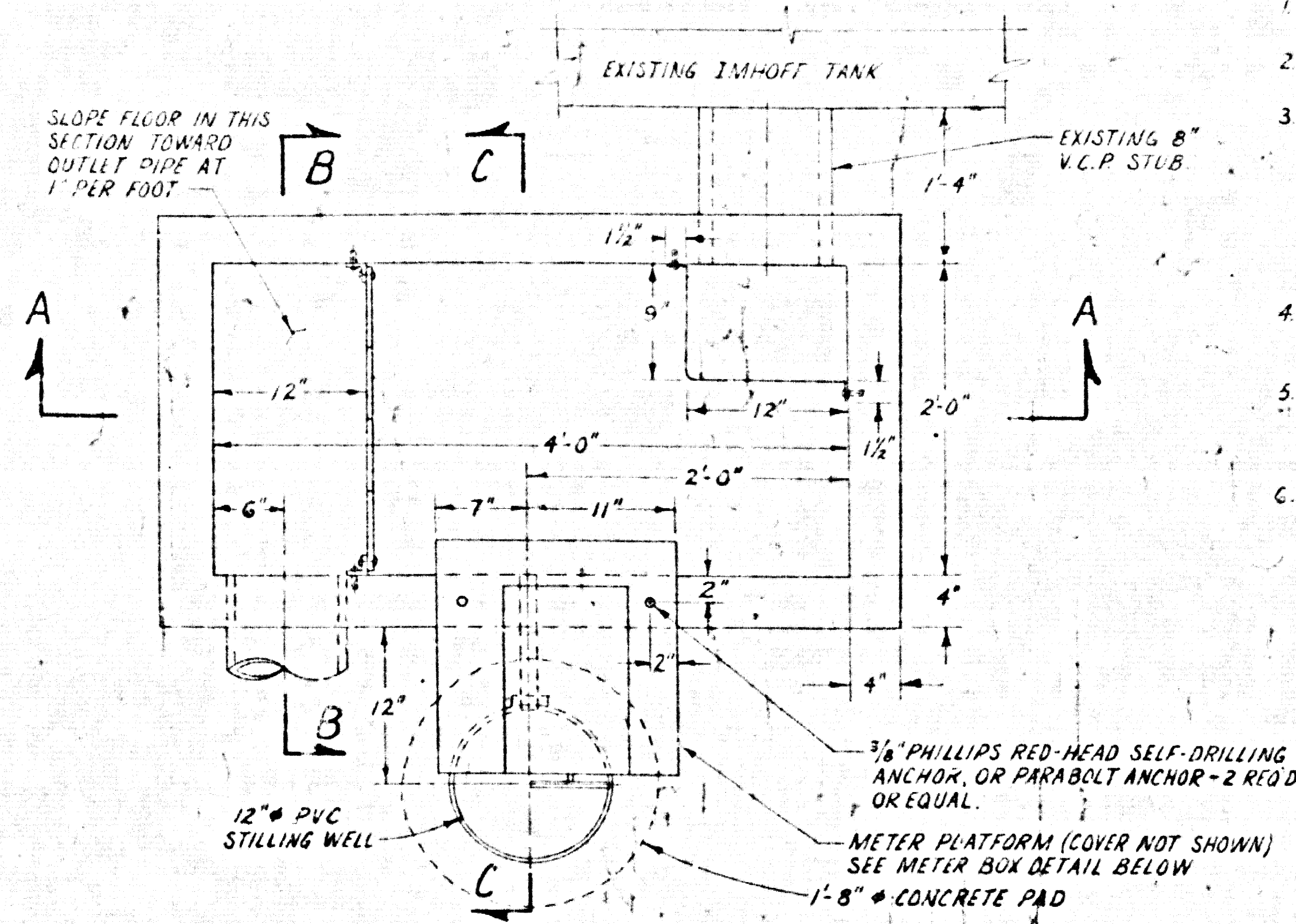


REVISION	DATE
55	

POR S 1/2 SECTION 12 T. 8N., R. 19W. S.B.B. & M.

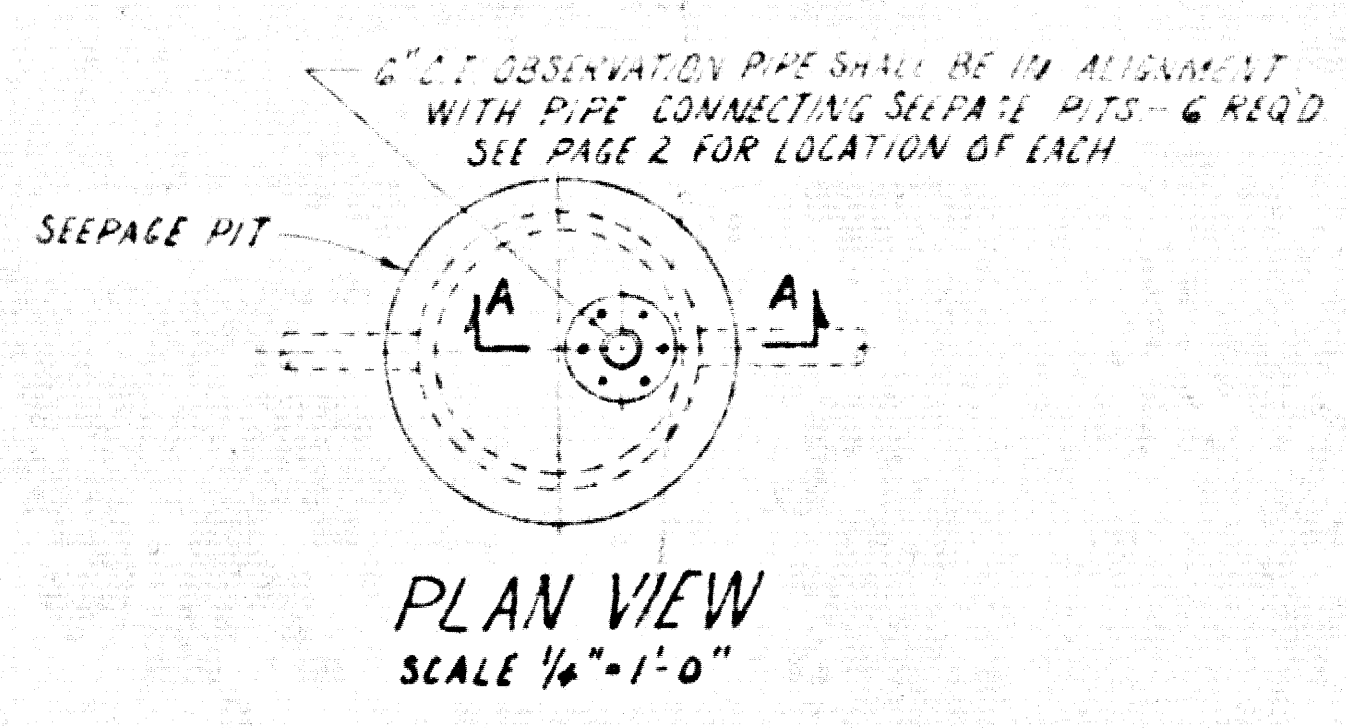


SECTION C-C

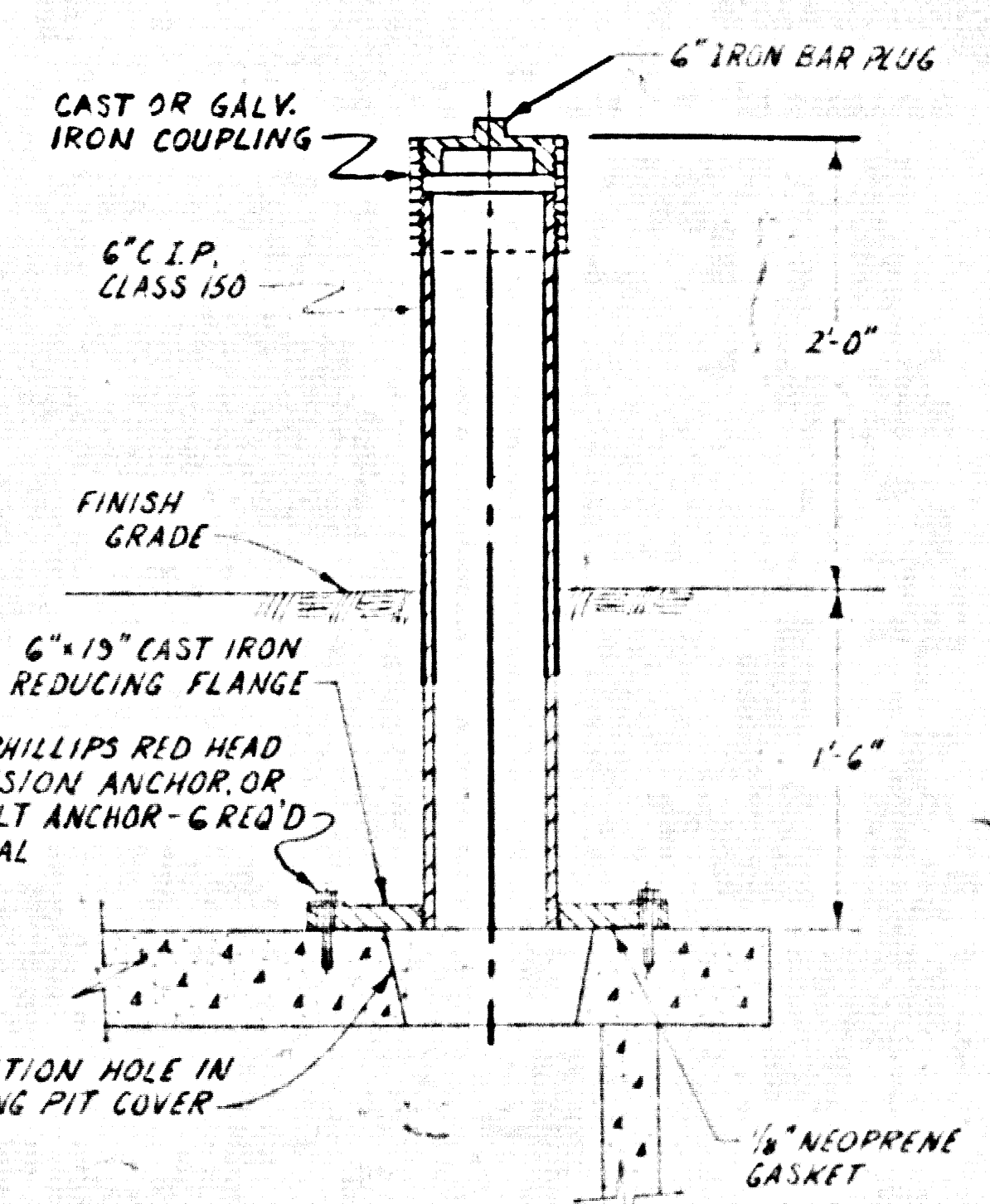


PLAN VIEW

- FLOW METERING STRUCTURE NOTES:
1. ALL NUTS, BOLTS & THREADED INSERTS SHALL BE OF STAINLESS STEEL.
 2. SEAL ALL EDGES OF WEIR PLATE WITH ASPHALT EMULSION SEALANT.
 3. EACH EDGE OF WEIR PLATE AT 2" INTERVALS MEASURED VERTICALLY UPWARD FROM INSERT OF NOTCH A TOTAL OF 8 1/2" INCHES, MAKE HALF-INCH MARKS 1/2" LONG, FULL-INCH MARKS 1" LONG, AND FULL-INCH NUMERALS 1/2" HIGH.
 4. WEIR BOX TO BE POURED IN PLACE AROUND EXISTING 8" V.C.P. STUB, CUT AS REQUIRED.
 5. REMOVE EXISTING UNSTABLE SOIL FOR WEIR BOX FOUNDATION AND REPLACE WITH GRANULAR MATERIAL AS REQUIRED.
 6. ALL CONCRETE SHALL BE CLASS 560C 3250.

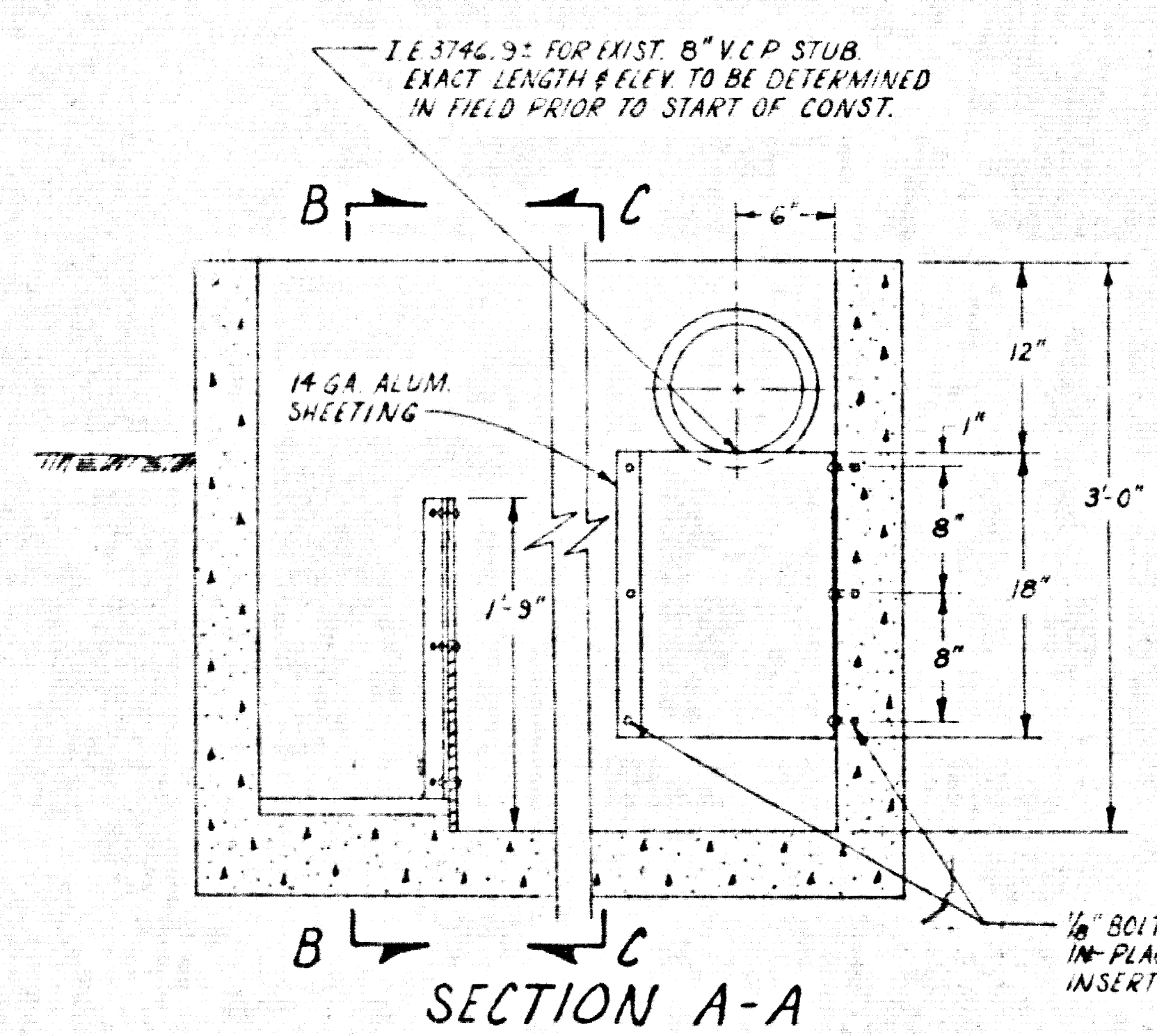


PLAN VIEW SCALE 1/4"=1'-0"

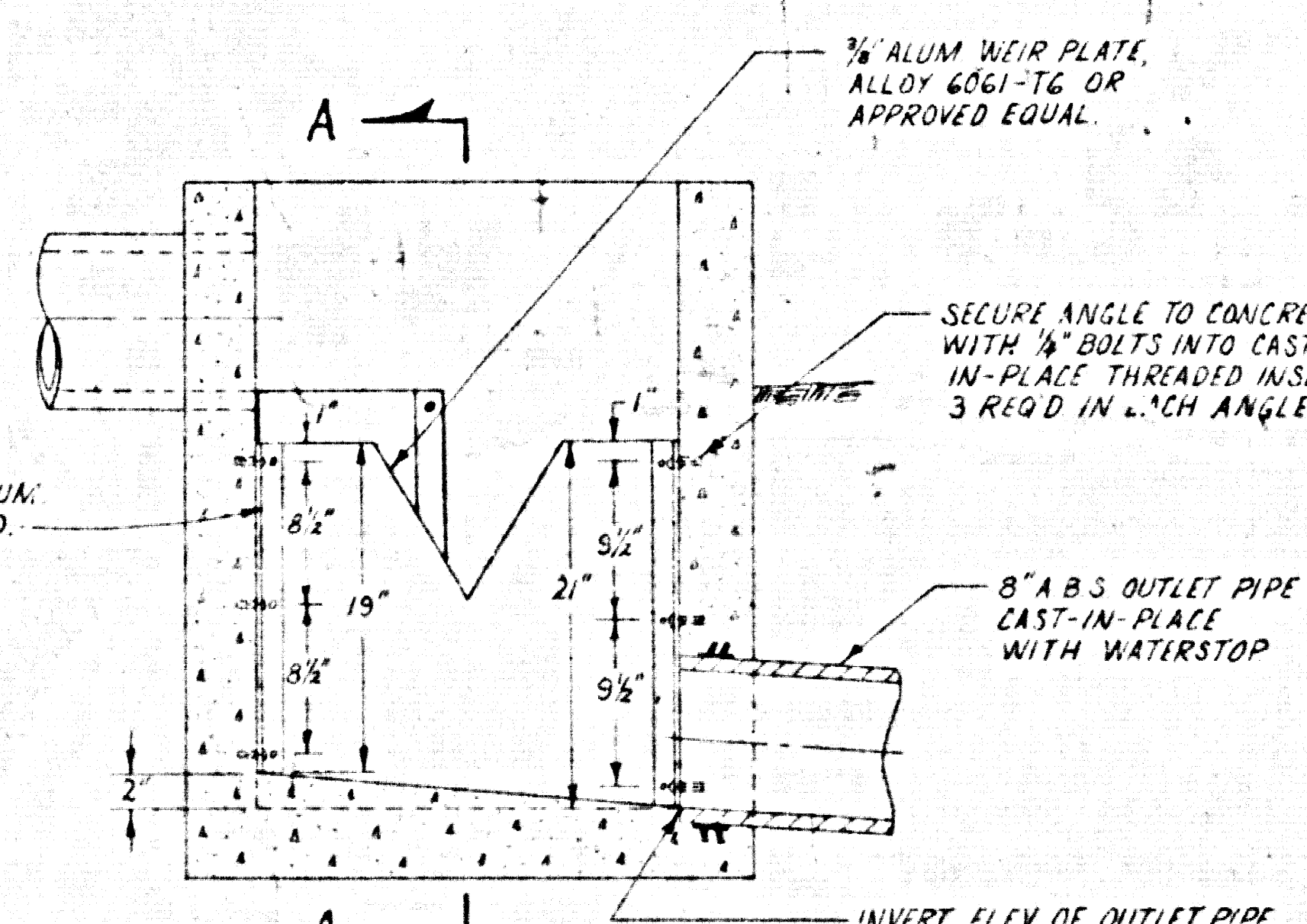


PARTIAL ELEVATION SECTION A-A SCALE 1"=1'-0" SEEPAGE PIT OBSERVATION PIPE DETAIL

NOTE: OBSERVATION PIPES PREVIOUSLY COMPLETED, PROVIDE ANY NECESSARY COUPLINGS AND THREADED PLUGS ONLY.



SECTION A-A

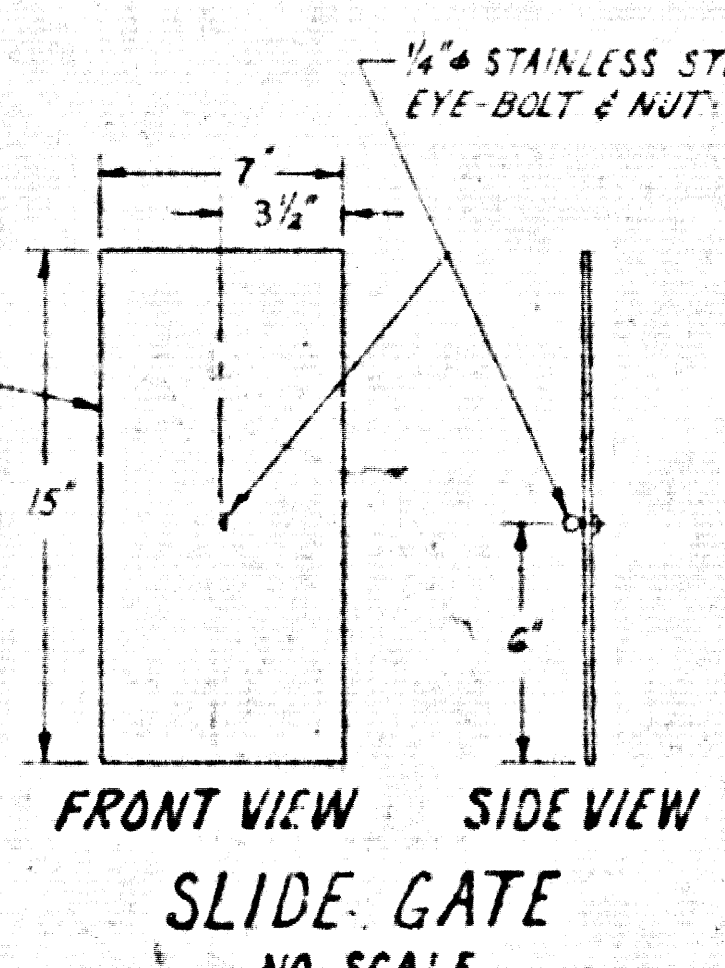


SECTION B-B (STILLING WELL NOT SHOWN)

FLOW METERING STRUCTURE DETAILS SCALE 1"=1'-0"

- METER BOX NOTES:
1. BOX ELEMENTS & HARDWARE TO BE JOINED WITH GALV. WOOD SCREWS.
 2. FINISH BOX WITH PRIMER AND 2 COATS OF GREEN EXTERIOR OR OIL BASE ENAMEL.
 3. PROVIDE PADLOCK, SARGENT NO. 753H5KA, KEYS TO U65714.

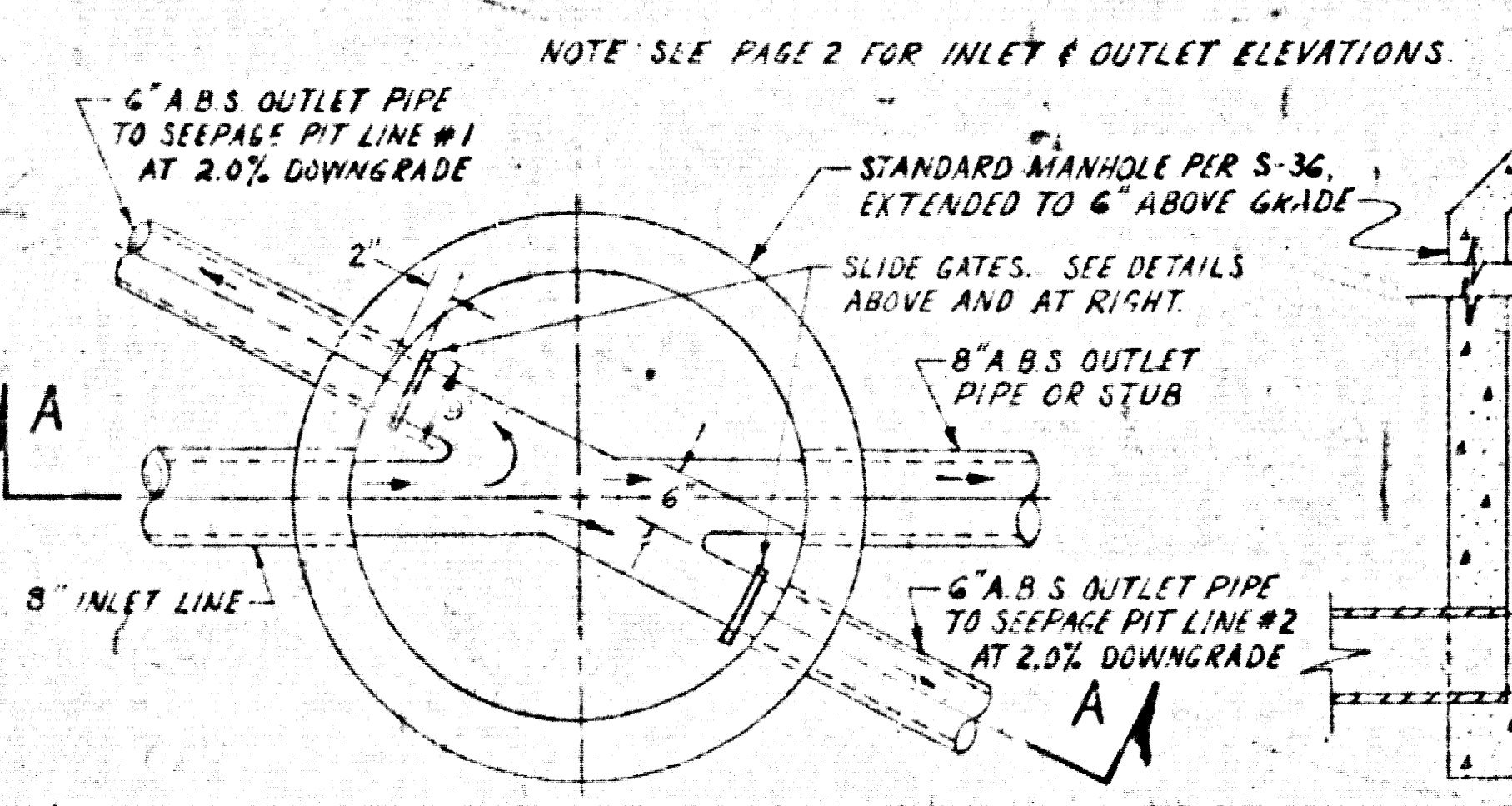
NOTE: FLOW METER WAS PREVIOUSLY PURCHASED BY THE COUNTY AND WILL BE PROVIDED TO THE CONTRACTOR FOR INSTALLATION. CONTRACTOR SHALL CONSTRUCT METER BOX AFTER VERIFYING METER DIMENSIONS.



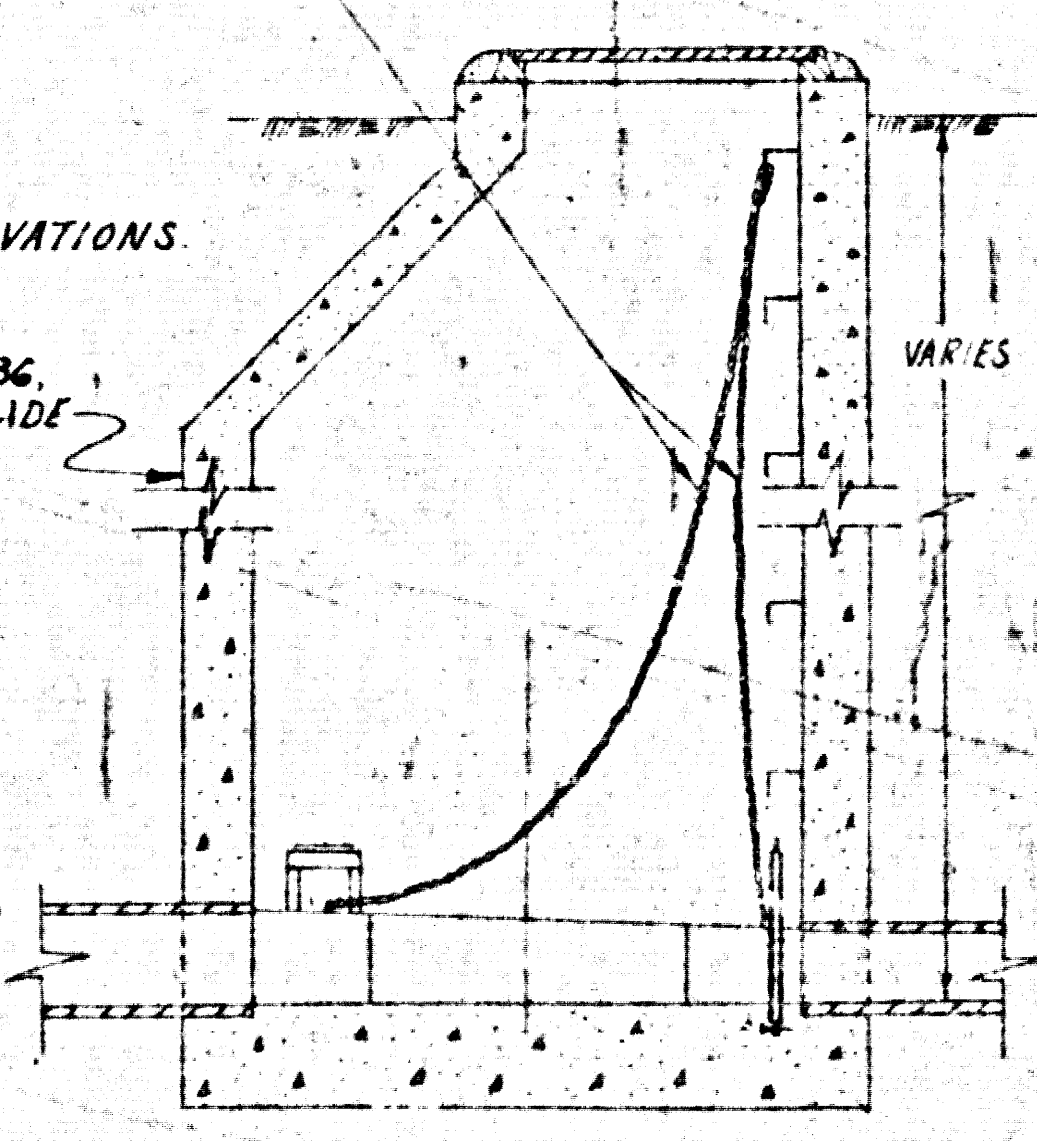
FRONT VIEW SIDE VIEW SLIDE GATE NO SCALE

NOTE: DIST. MANHOLES AND SLIDE GATES INSTALLED UNDER PREVIOUS CONTRACT. PROVIDE S.S. CHAINS & SWAPS AND COMPLETE SURFACE BACKFILL AND COMPACTION, ONLY.

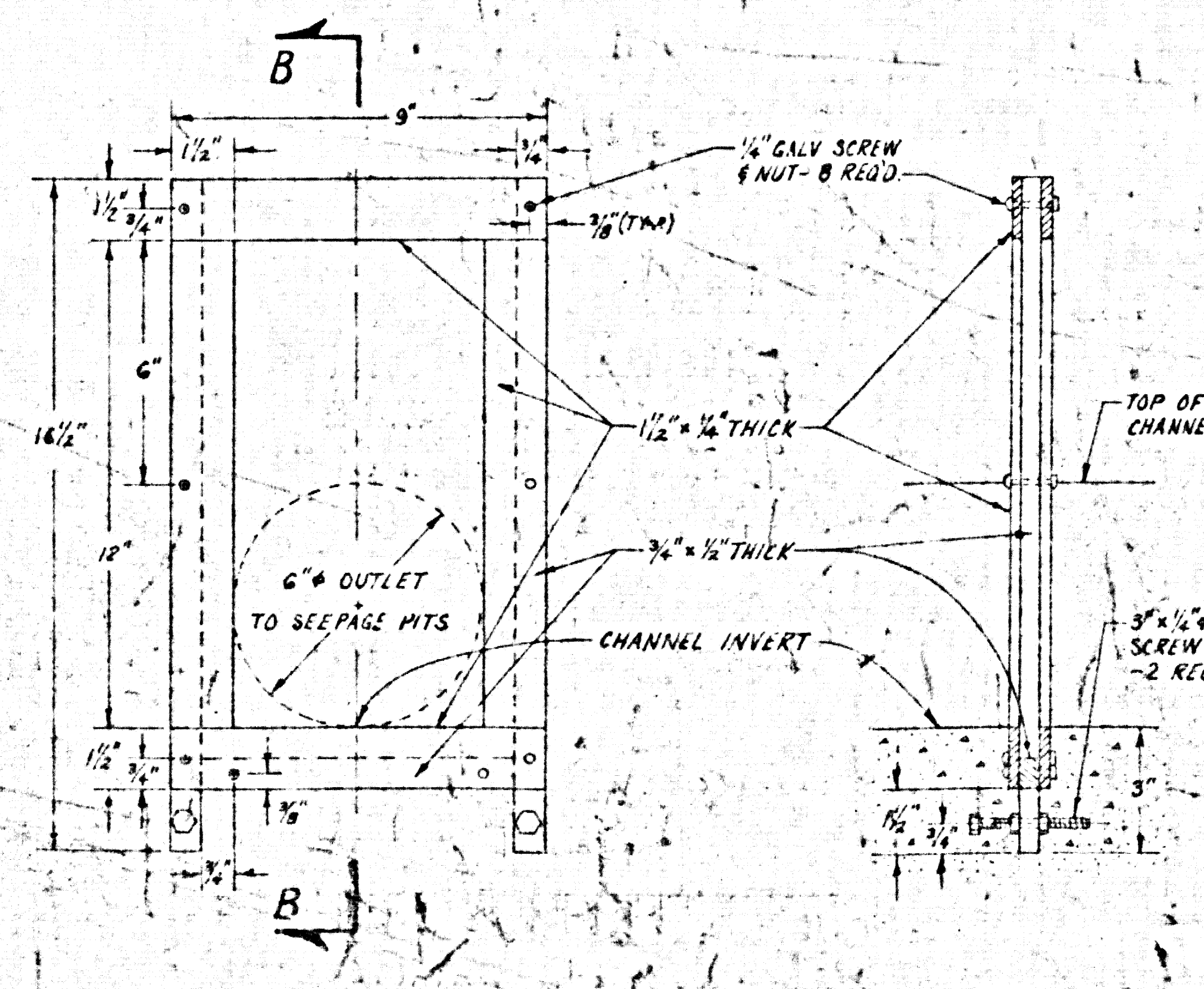
NOTE: ALL STRIPS SHALL BE ALUMINUM, ALLOY 6061-T6 OR APPROVED EQUAL.



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



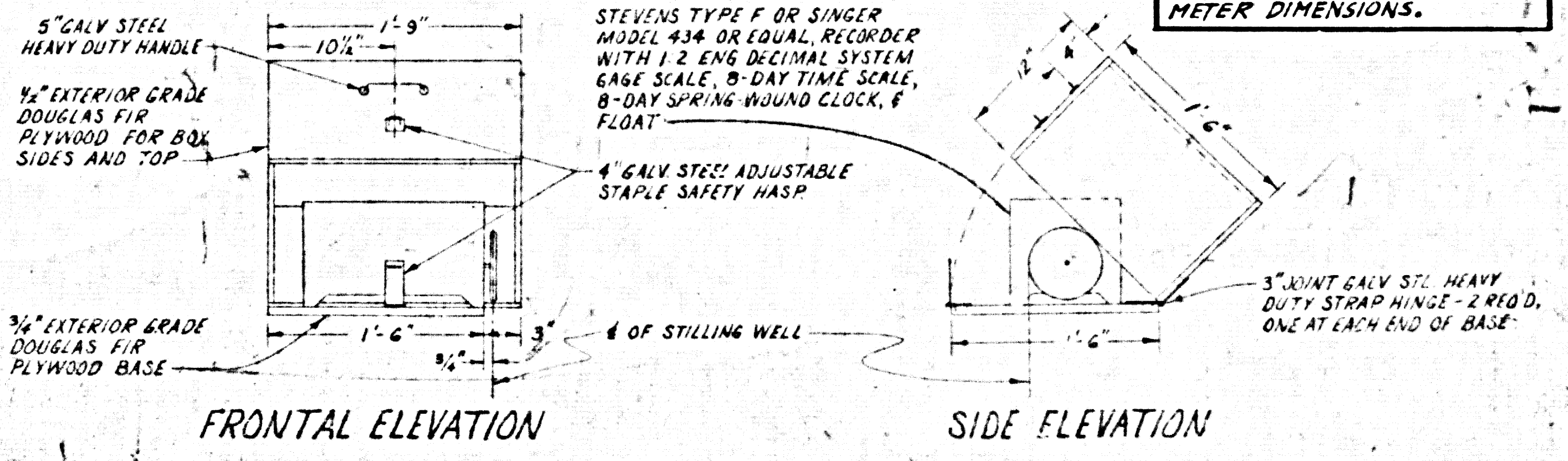
SECTIONAL ELEVATION A-A SCALE 1/2"=1'-0"



FRONT VIEW SCALE 1/4"=1'

SECTION B-B SCALE 1/4"=1'

DISTRIBUTION MANHOLE DETAILS



FRONTAL ELEVATION

SIDE ELEVATION

METER BOX DETAILS SCALE 1"=1'-0"

COUNTY OF LOS ANGELES DEPARTMENT OF COUNTY ENGINEER-FACILITIES
 CIVIL ENGINEERING DIVISION
 STEPHEN J. KOONCE, COUNTY ENGINEER APRIL, 1978

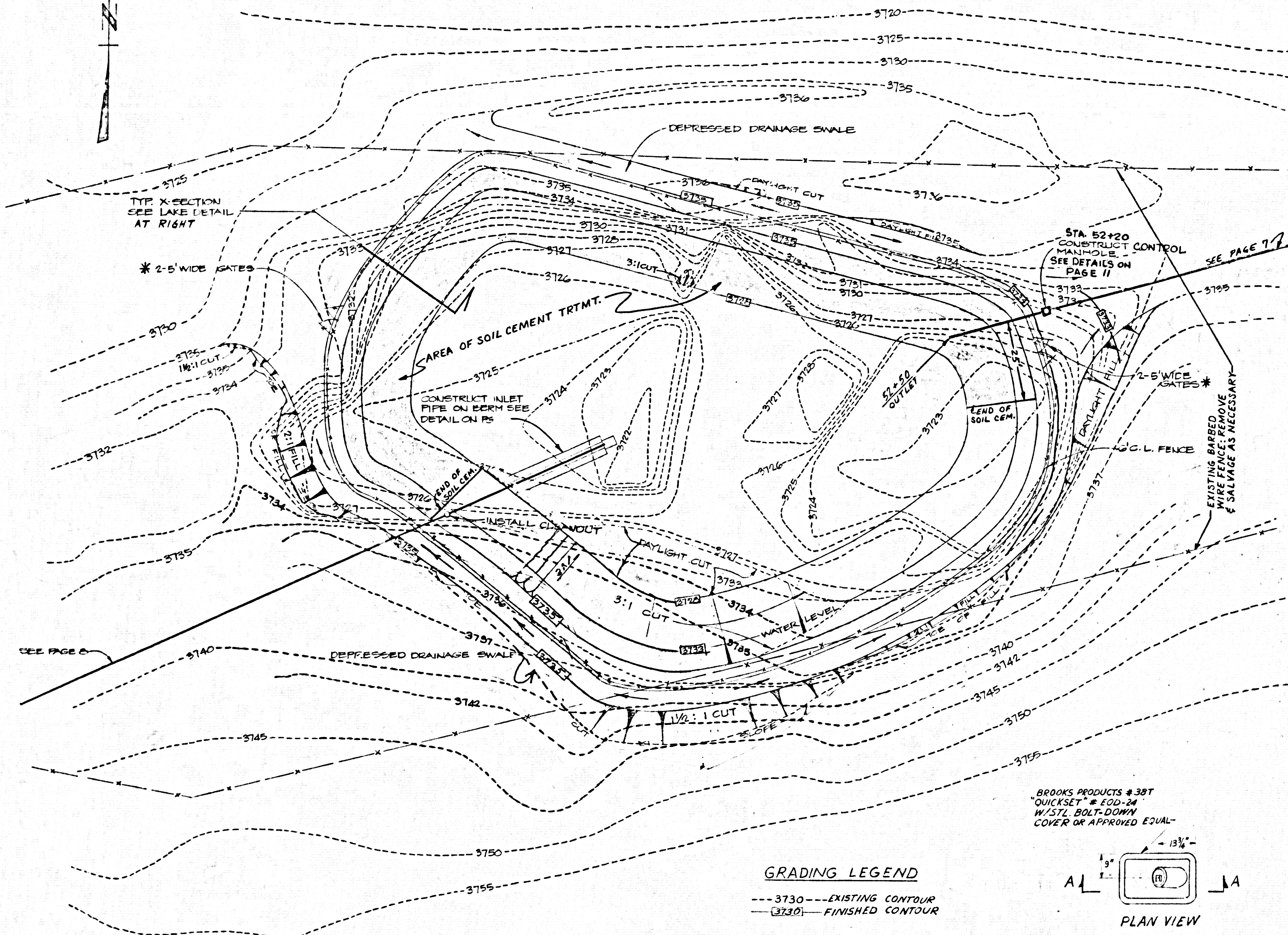
SEWAGE TREATMENT PLANT IMPROVEMENTS FOR GORMAN
 MISCELLANEOUS DETAILS

CHECKED: 4-24-78 Stephen J. Koonce R.C.G. 24633	DRAWN: CONKLIN SCALE: AS NOTED ABOVE	DESIGNED: CONKLIN PAGE 9 OF 11 PAGES
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REVISION	DATE
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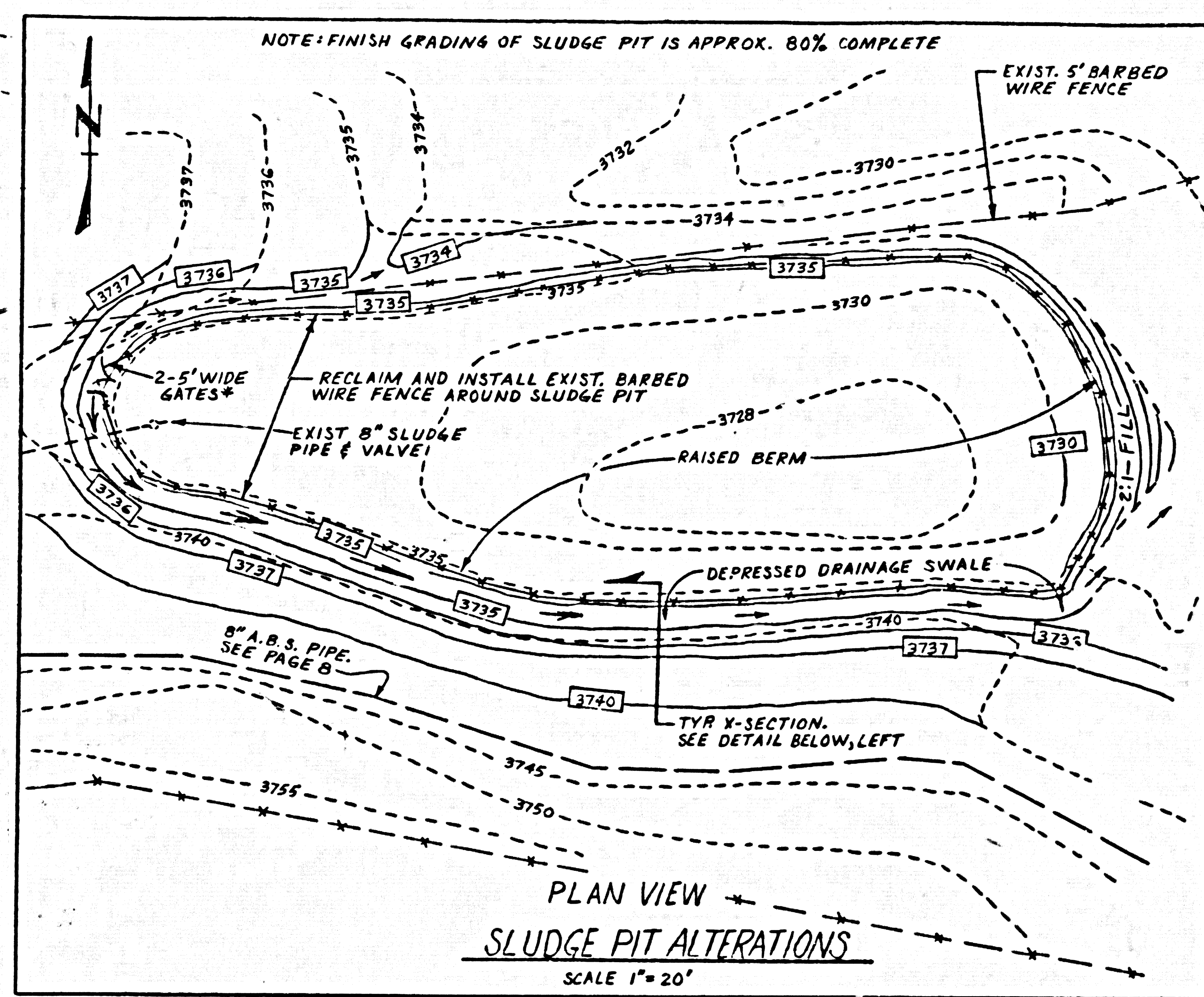
NOTES:

1. EXISTING CONTOURS AS SHOWN ARE AS EXISTED IN AUGUST, 1976. WHEN CONSTRUCTION WAS STOPPED.
2. ALL BACKFILL MATERIAL SHALL BE CLEAN AND FREE OF VEGETATION AND ORGANIC MATERIAL, AND COMPACTED TO 90% REL. COMPACTION.
- * 3. THE EXACT LOCATION OF GATES TO BE DETERMINED IN FIELD BY THE COUNTY ENGINEER.

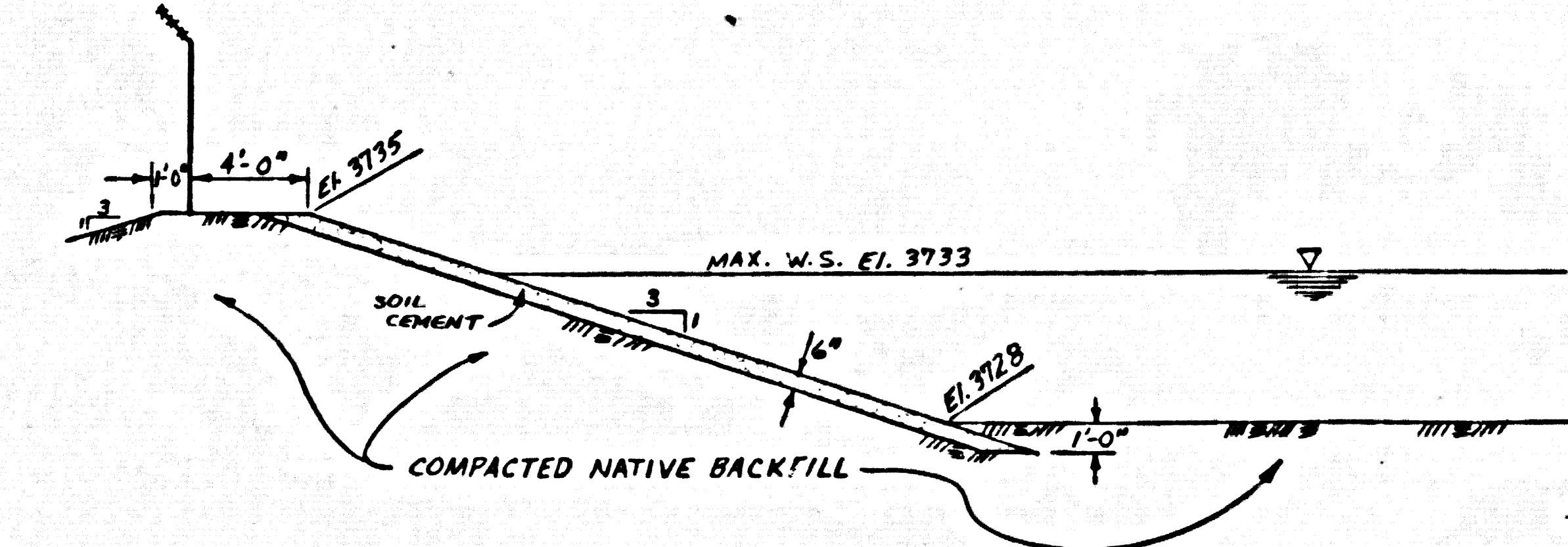


PLAN VIEW
UPPER OXIDATION POND ALTERATIONS
SCALE: 1" = 20'

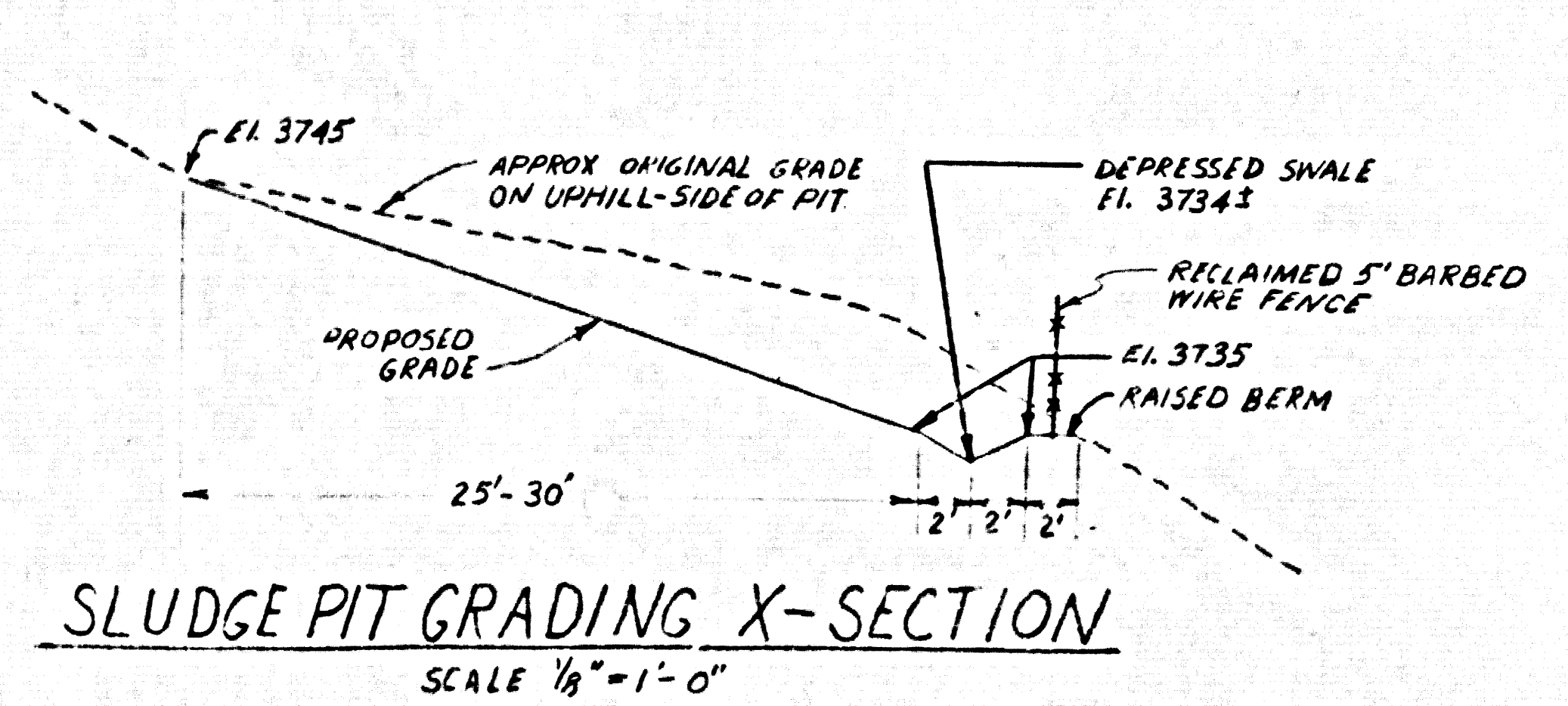
GRADING LEGEND
 --- 3730 --- EXISTING CONTOUR
 [3730] FINISHED CONTOUR



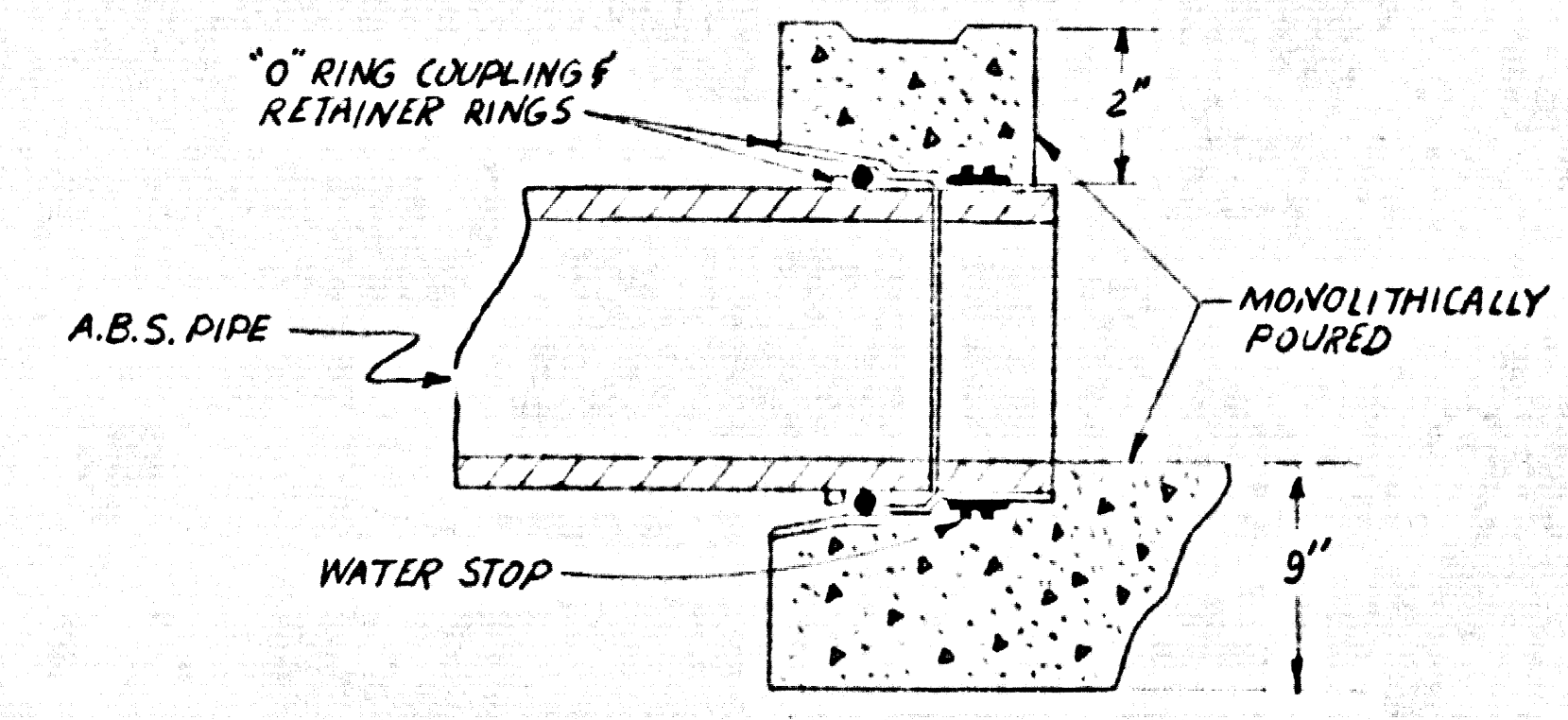
PLAN VIEW
SLUDGE PIT ALTERATIONS
SCALE 1" = 20'



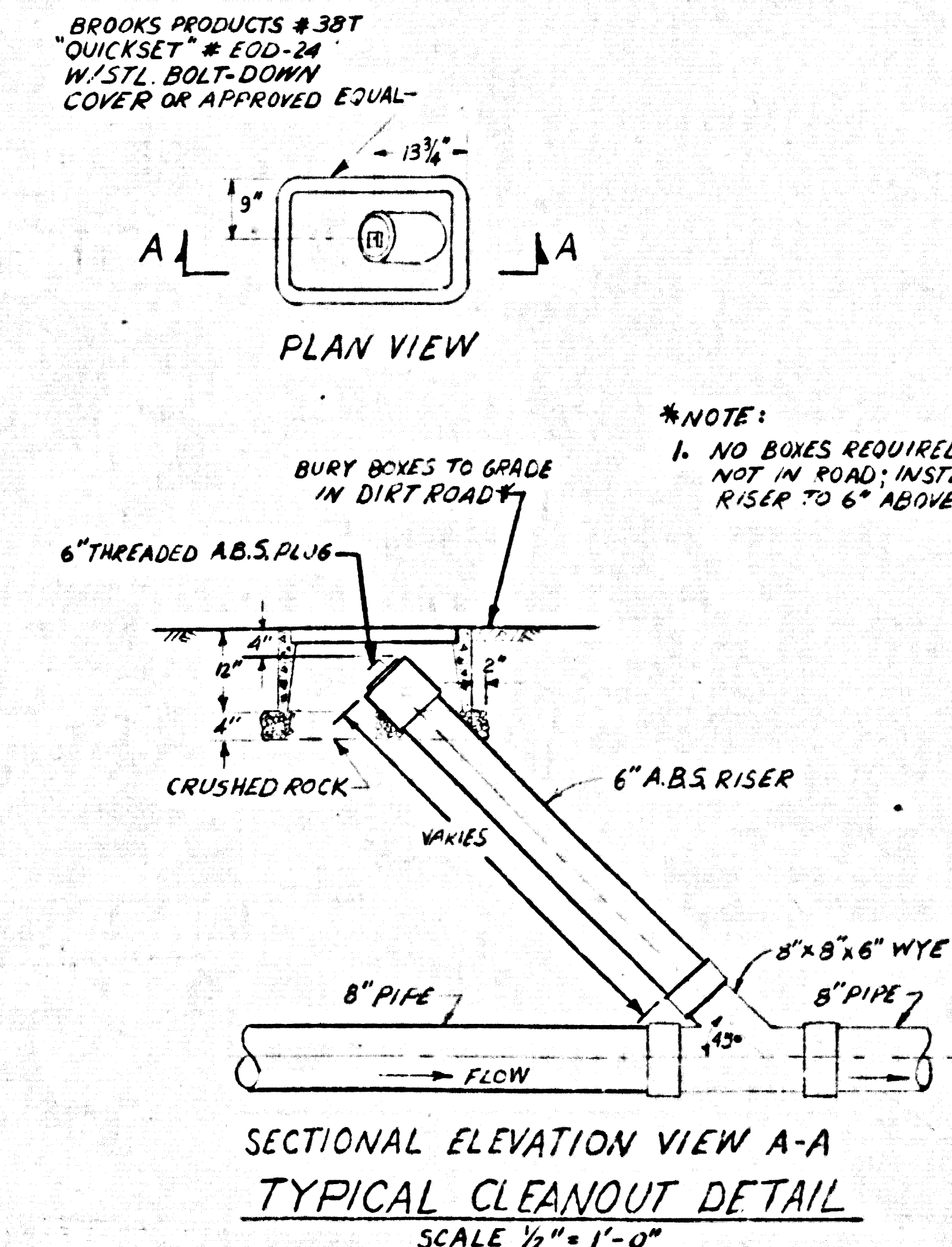
ELEVATION VIEW: UPPER POND LINING DETAIL
SCALE 1" = 6'-0"



SLUDGE PIT GRADING X-SECTION
SCALE 1/8" = 1'-0"



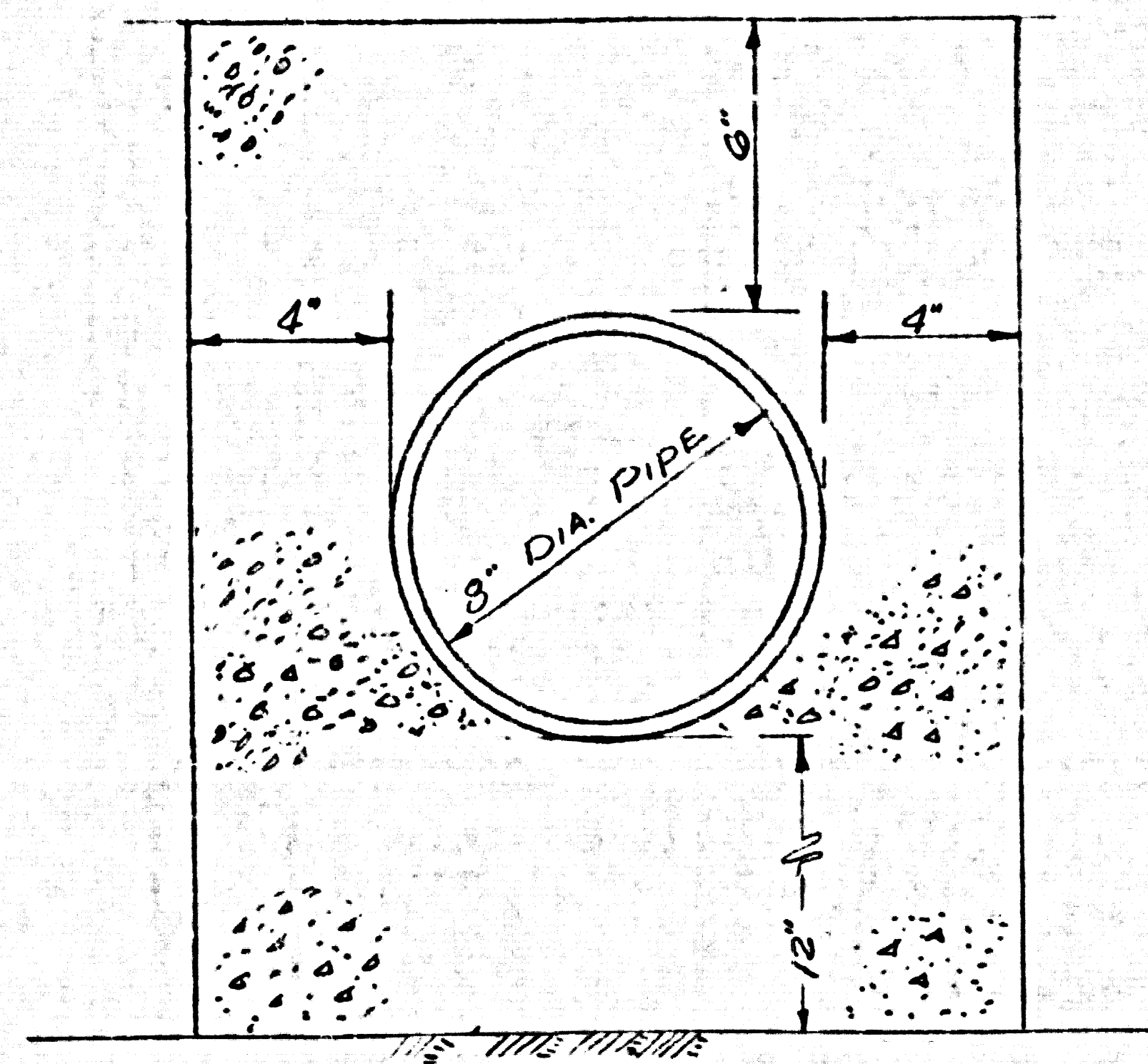
TYP. MANHOLE CONNECTION
NO SCALE



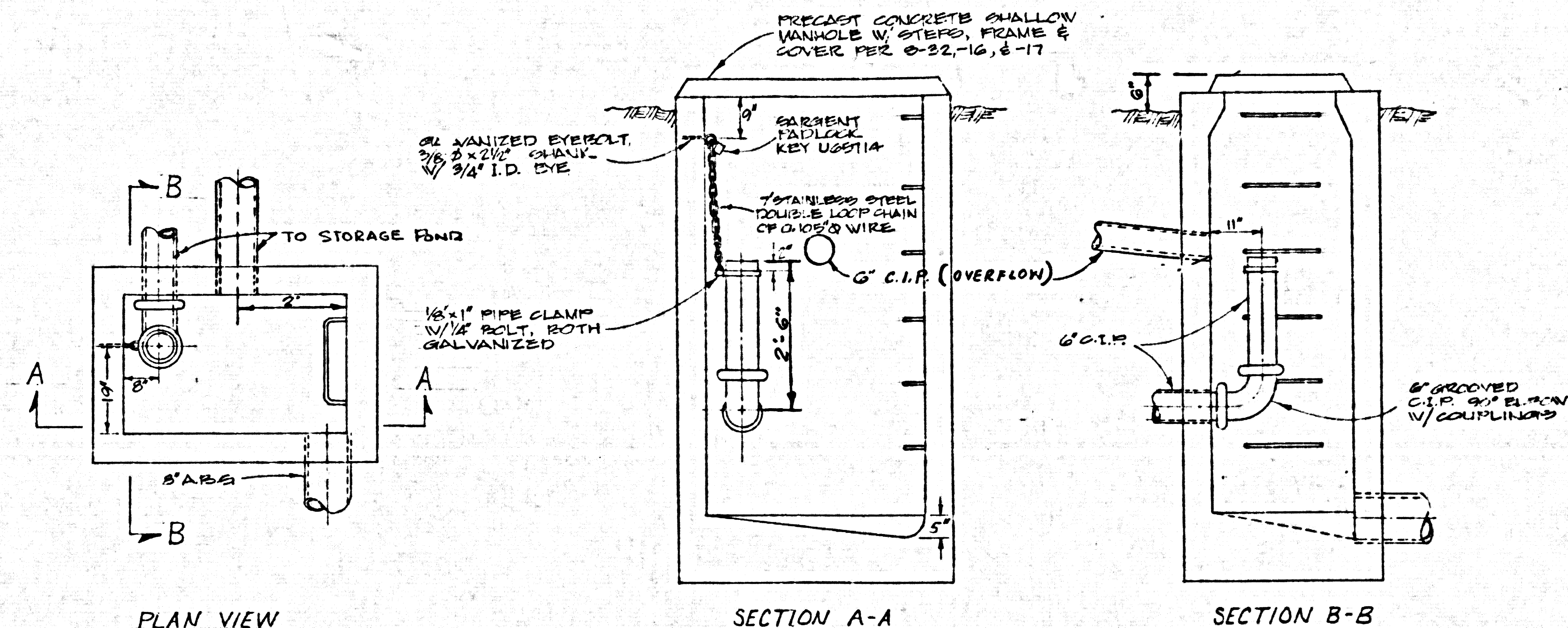
SECTIONAL ELEVATION VIEW A-A
TYPICAL CLEANOUT DETAIL
SCALE 1/2" = 1'-0"

*NOTE:
1. NO BOXES REQUIRED FOR CLEANOUTS NOT IN ROAD; INSTEAD EXTEND RISER TO 6" ABOVE GRADE.

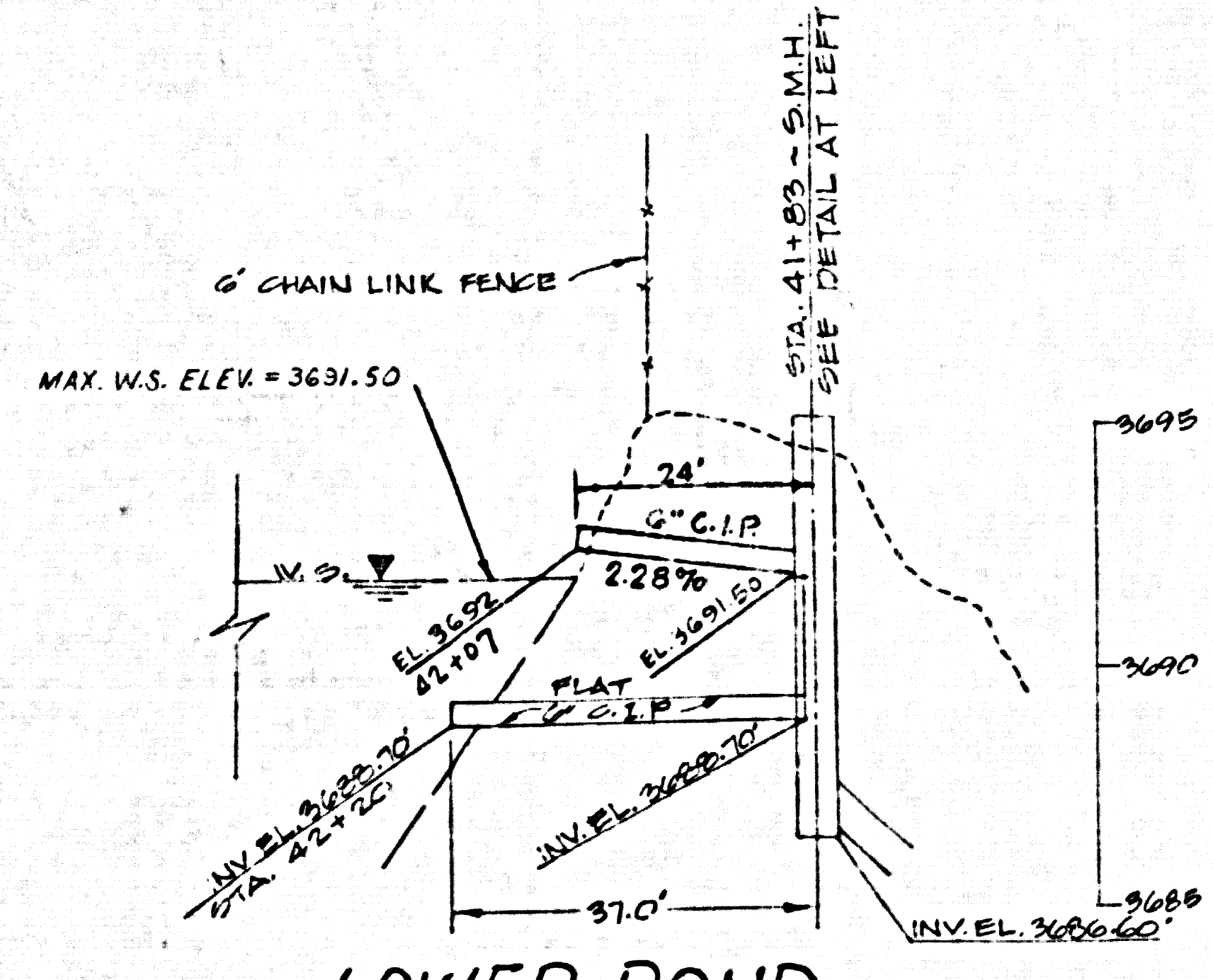
REVISION	DATE	INITIALS
COUNTY OF LOS ANGELES DEPARTMENT OF COUNTY ENGINEER-FACILITIES CIVIL ENGINEERING DIVISION STEPHEN J. KOONCE, COUNTY ENGINEER	APRIL, 1978	
SEWAGE TREATMENT PLANT IMPROVEMENTS FOR SORMAN REVISED UPPER OXIDATION POND ALTERATIONS		
CHECKED: 4-24-78 <i>Steven R. Conklin</i> D.C.E. 24633	DRAWN: M. KIM	DESIGNED: B. CONKLIN
SCALE: AS SHOWN		PAGE 10 OF 11 PAGES



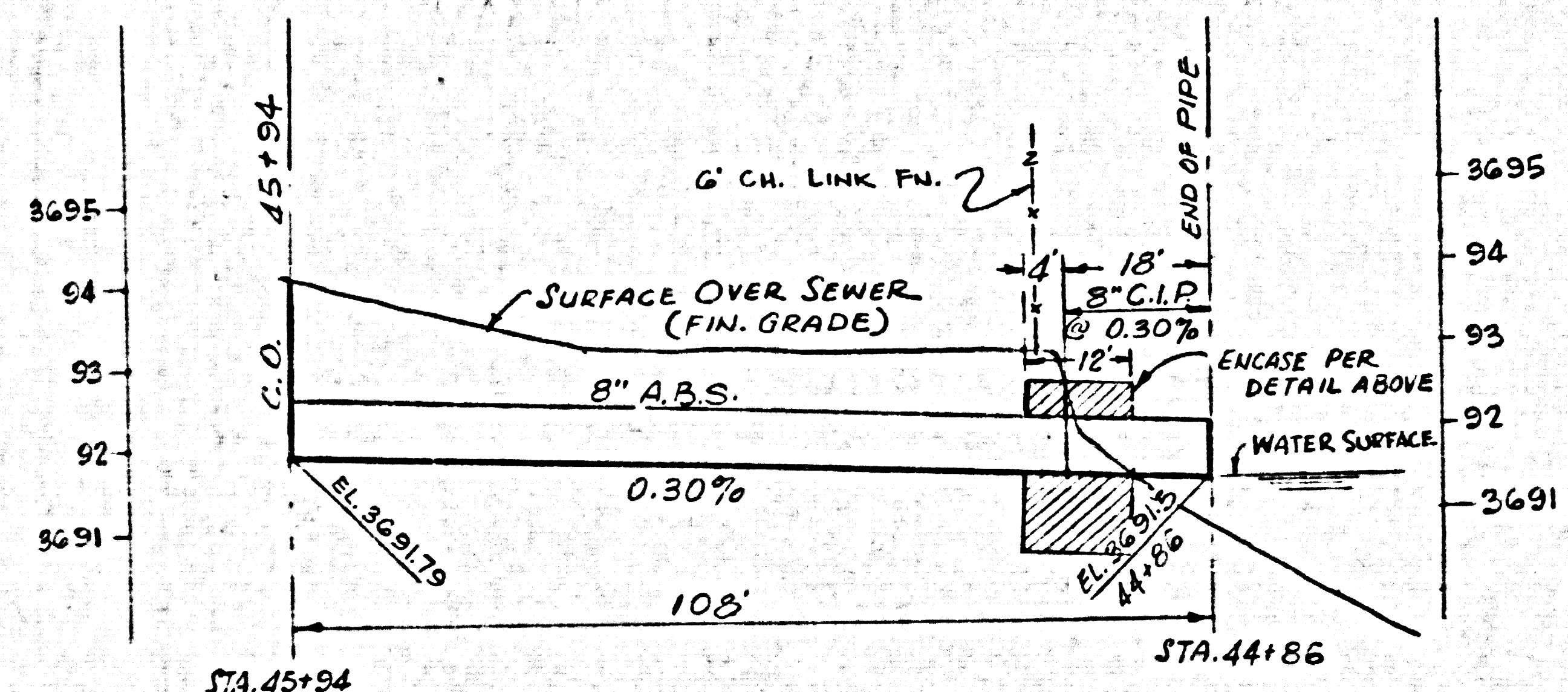
ENCASEMENT



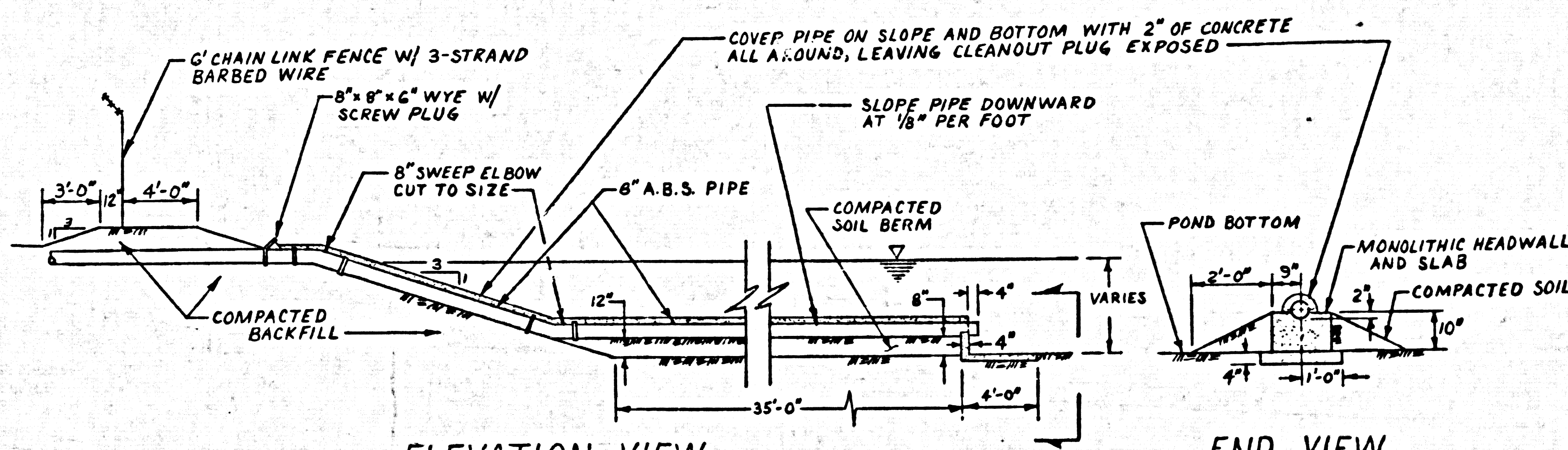
CONTROL MANHOLE AT STATION 41+83 AND 52+20
(NO SCALE)



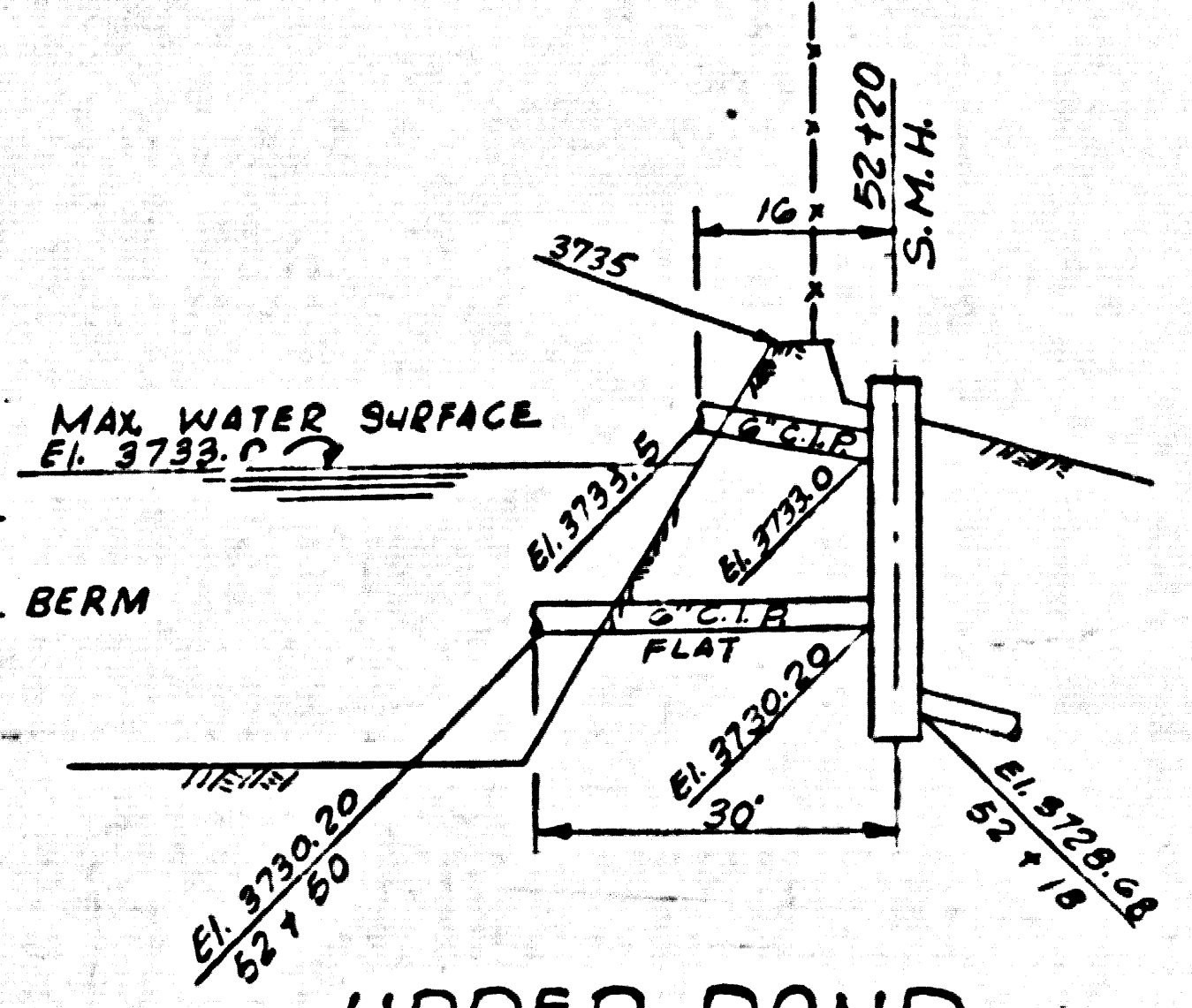
LOWER POND
OUTLET PIPE PROFILE
SCALE: 1" = 20' HORIZ.
1" = 4' VERT.



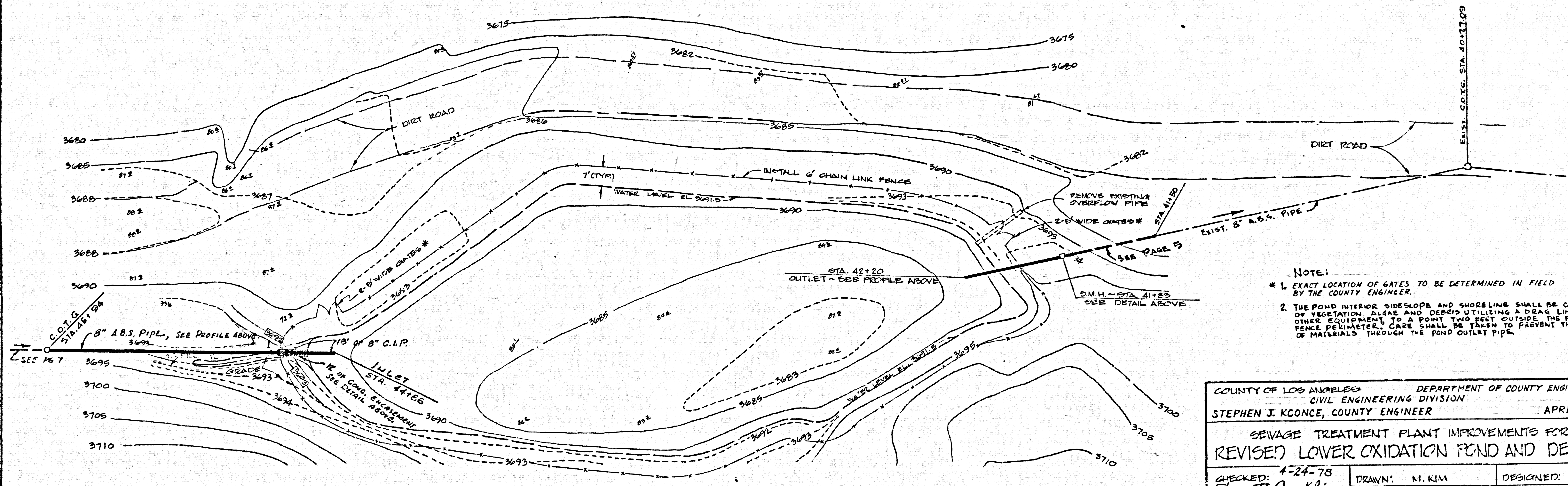
LOWER POND
INLET PIPE PROFILE
SCALE: HORIZ. 1" = 20'
VERT. 1" = 2'



ELEVATION VIEW
SCALE 1" = 3'-0"
UPPER POND INLET PIPE DETAILS
SCALE 1" = 3'-0"



UPPER POND
OUTLET PIPE PROFILE
SCALE AS NOTED ABOVE



PLAN VIEW
SCALE: 1" = 20'

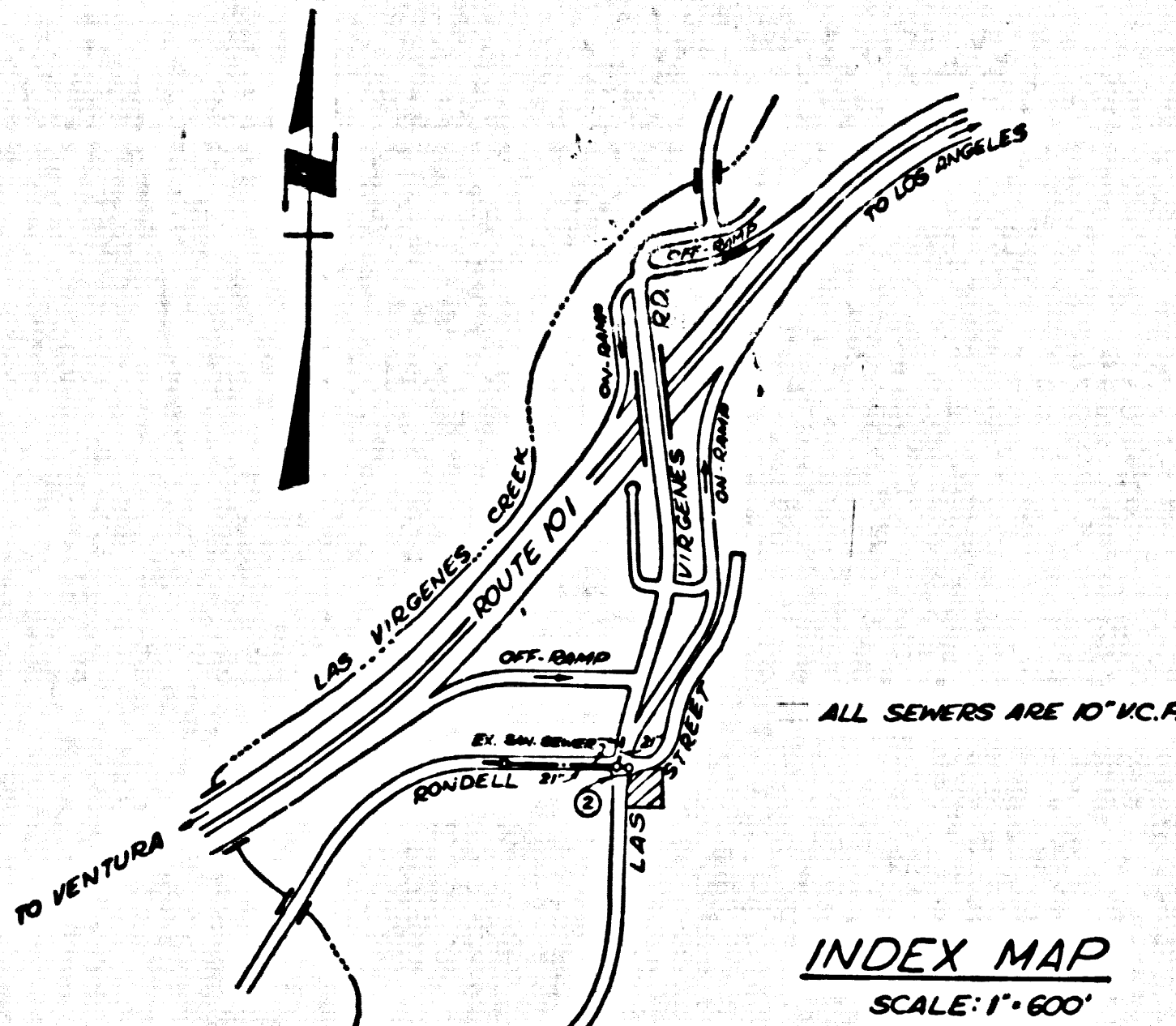
- NOTE:
- EXACT LOCATION OF GATES TO BE DETERMINED IN FIELD BY THE COUNTY ENGINEER.
 - THE POND INTERIOR SIDESLOPE AND SHORELINE SHALL BE CLEARED OF VEGETATION, ALGAE AND DEBRIS UTILIZING A DRAG LINE AND/OR OTHER EQUIPMENT TO A POINT TWO FEET OUTSIDE THE FINISHED FENCE PERIMETER. CARE SHALL BE TAKEN TO PREVENT THE DISCHARGE OF MATERIALS THROUGH THE POND OUTLET PIPE.

COUNTY OF LOS ANGELES DEPARTMENT OF COUNTY ENGINEER-FACILITIES
CIVIL ENGINEERING DIVISION
STEPHEN J. KCONCE, COUNTY ENGINEER APRIL, 1978

SEWAGE TREATMENT PLANT IMPROVEMENTS FOR GORMAN
REVISED LOWER OXIDATION POND AND DETAILS

CHECKED: 4-24-78 Steve R. Conklin R.C.E. NO. 24633	DRAWN: M. KIM	DESIGNED: M. KIM
SCALE: AS NOTED		PAGE 11 OF 11 PAGES

B.M. BY 5587 ELEV. 756.503
 C.S.M. MON. 8 IN LP 8777 & CL. LAS VIRGENES RD.
 0.5 MI. S. VENTURA Fwy. 145 FT. IN CL. 230-31
 & 8 FT. N. RR # 855657 E. MKD (BM 57-31 1960)
 MALIBU QUAD. 19 65



INDEX MAP
 SCALE: 1" = 600'

P.C. 8371

ENGINEER'S NOTE TO CONTRACTOR

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITIES, WIRES OR STRUCTURES SHOWN ON THIS PLAN WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THIS PLAN.
 THE CONTRACTOR SHALL ASCERTAIN THE TRUE LOCATION OF ANY UNDERGROUND UTILITIES AND SHALL BE RESPONSIBLE FOR DAMAGE TO ANY PUBLIC OR PRIVATE UTILITIES SHOWN OR NOT SHOWN HEREON.

THE FOLLOWING COUNTY ENGINEER STANDARD PLANS APPLY TO THIS PROJECT:

LEGEND	S-1
MIN. PUBLIC SAFETY REQUIREMENTS	S-2
BRICK MANHOLE	S-3
NON-REINFORCED PRECAST CONCRETE MANHOLE	S-16
REINFORCED PRECAST CONCRETE MANHOLE	S-6
MANHOLE FRAME AND COVER	S-15
MANHOLE STEP	S-17
BEDDING FOR SEWER PIPE	S-21
CRACKING AND ENGAGEMENT	S-23
WYE OR TEE SUPPORT	S-26
ALLOWABLE TRENCH WIDTH	S-33
CHIMNEY PIPE AND BASE	S-27

ISSUE NO PERMITS UNTIL STREET WIDENING IS DEDICATED

DOUBLE SCALE
 CALABASAS BLDG. DIST. NO. 9.1

- PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
- NO REPRESENTATIVE OF THE COUNTY ENGINEER WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
- THE PRIVATE ENGINEER SHALL FURNISH THE COUNTY ENGINEER WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND "T" OR "Y" BRANCHES AND SHALL PROVIDE STAKES FOR THEM 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.
- 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.
- NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
- THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE, MADISON 9-0747, EXT. 8181, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
- ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER S-3 OR PRECAST CONCRETE MANHOLES PER S-16, EXCEPT AS NOTED.
- BRICK MANHOLES—FRAMES AND COVERS—S-16, S-15, S-16, S-17, S-18, S-19, S-20, S-21, S-22, S-23, S-24, S-25, S-26, S-27, S-28, S-29, S-30, S-31, S-32, S-33, S-34, S-35, S-36, S-37, S-38, S-39, S-40, S-41, S-42, S-43, S-44, S-45, S-46, S-47, S-48, S-49, S-50, S-51, S-52, S-53, S-54, S-55, S-56, S-57, S-58, S-59, S-60, S-61, S-62, S-63, S-64, S-65, S-66, S-67, S-68, S-69, S-70, S-71, S-72, S-73, S-74, S-75, S-76, S-77, S-78, S-79, S-80, S-81, S-82, S-83, S-84, S-85, S-86, S-87, S-88, S-89, S-90, S-91, S-92, S-93, S-94, S-95, S-96, S-97, S-98, S-99, S-100.
- MANHOLE TOPS IN UNIMPROVED RIGHTS-OF-WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
- USE EXTRA STRENGTH PIPE, ALL PIPE IS STANDARD DEPTH EXCEPT AS NOTED.
- STANDARD CLAY PIPE JOINTS SHALL BE TYPE "D" OR "E" OR "F" OR "G" OR "H" OR "I" OR "J" OR "K" OR "L" OR "M" OR "N" OR "O" OR "P" OR "Q" OR "R" OR "S" OR "T" OR "U" OR "V" OR "W" OR "X" OR "Y" OR "Z" OR "AA" OR "AB" OR "AC" OR "AD" OR "AE" OR "AF" OR "AG" OR "AH" OR "AI" OR "AJ" OR "AK" OR "AL" OR "AM" OR "AN" OR "AO" OR "AP" OR "AQ" OR "AR" OR "AS" OR "AT" OR "AU" OR "AV" OR "AW" OR "AX" OR "AY" OR "AZ" OR "BA" OR "BB" OR "BC" OR "BD" OR "BE" OR "BF" OR "BG" OR "BH" OR "BI" OR "BJ" OR "BK" OR "BL" OR "BM" OR "BN" OR "BO" OR "BP" OR "BQ" OR "BR" OR "BS" OR "BT" OR "BU" OR "BV" OR "BW" OR "BX" OR "BY" OR "BZ" OR "CA" OR "CB" OR "CC" OR "CD" OR "CE" OR "CF" OR "CG" OR "CH" OR "CI" OR "CJ" OR "CK" OR "CL" OR "CM" OR "CN" OR "CO" OR "CP" OR "CQ" OR "CR" OR "CS" OR "CT" OR "CU" OR "CV" OR "CW" OR "CX" OR "CY" OR "CZ" OR "DA" OR "DB" OR "DC" OR "DD" OR "DE" OR "DF" OR "DG" OR "DH" OR "DI" OR "DJ" OR "DK" OR "DL" OR "DM" OR "DN" OR "DO" OR "DP" OR "DQ" OR "DR" OR "DS" OR "DT" OR "DU" OR "DV" OR "DW" OR "DX" OR "DY" OR "DZ" OR "EA" OR "EB" OR "EC" OR "ED" OR "EE" OR "EF" OR "EG" OR "EH" OR "EI" OR "EJ" OR "EK" OR "EL" OR "EM" OR "EN" OR "EO" OR "EP" OR "EQ" OR "ER" OR "ES" OR "ET" OR "EU" OR "EV" OR "EW" OR "EX" OR "EY" OR "EZ" OR "FA" OR "FB" OR "FC" OR "FD" OR "FE" OR "FF" OR "FG" OR "FH" OR "FI" OR "FJ" OR "FK" OR "FL" OR "FM" OR "FN" OR "FO" OR "FP" OR "FQ" OR "FR" OR "FS" OR "FT" OR "FU" OR "FV" OR "FW" OR "FX" OR "FY" OR "FZ" OR "GA" OR "GB" OR "GC" OR "GD" OR "GE" OR "GF" OR "GG" OR "GH" OR "GI" OR "GJ" OR "GK" OR "GL" OR "GM" OR "GN" OR "GO" OR "GP" OR "GQ" OR "GR" OR "GS" OR "GT" OR "GU" OR "GV" OR "GW" OR "GX" OR "GY" OR "GZ" OR "HA" OR "HB" OR "HC" OR "HD" OR "HE" OR "HF" OR "HG" OR "HH" OR "HI" OR "HJ" OR "HK" OR "HL" OR "HM" OR "HN" OR "HO" OR "HP" OR "HQ" OR "HR" OR "HS" OR "HT" OR "HU" OR "HV" OR "HW" OR "HX" OR "HY" OR "HZ" OR "IA" OR "IB" OR "IC" OR "ID" OR "IE" OR "IF" OR "IG" OR "IH" OR "II" OR "IJ" OR "IK" OR "IL" OR "IM" OR "IN" OR "IO" OR "IP" OR "IQ" 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OR "SI" OR "SJ" OR "SK" OR "SL" OR "SM" OR "SN" OR "SO" OR "SP" OR "SQ" OR "SR" OR "SS" OR "ST" OR "SU" OR "SV" OR "SW" OR "SX" OR "SY" OR "SZ" OR "TA" OR "TB" OR "TC" OR "TD" OR "TE" OR "TF" OR "TG" OR "TH" OR "TI" OR "TJ" OR "TK" OR "TL" OR "TM" OR "TN" OR "TO" OR "TP" OR "TQ" OR "TR" OR "TS" OR "TT" OR "TU" OR "TV" OR "TW" OR "TX" OR "TY" OR "TZ" OR "UA" OR "UB" OR "UC" OR "UD" OR "UE" OR "UF" OR "UG" OR "UH" OR "UI" OR "UJ" OR "UK" OR "UL" OR "UM" OR "UN" OR "UO" OR "UP" OR "UQ" OR "UR" OR "US" OR "UT" OR "UU" OR "UV" OR "UW" OR "UX" OR "UY" OR "UZ" OR "VA" OR "VB" OR "VC" OR "VD" OR "VE" OR "VF" OR "VG" OR "VH" OR "VI" OR "VJ" OR "VK" OR "VL" OR "VM" OR "VN" OR "VO" OR "VP" OR "VQ" OR "VR" OR "VS" OR "VT" OR "VU" OR "VV" OR "VW" OR "VX" OR "VY" OR "VZ" OR "WA" OR "WB" OR "WC" OR "WD" OR "WE" OR "WF" OR "WG" OR "WH" OR "WI" OR "WJ" OR "WK" OR "WL" OR "WM" OR "WN" OR "WO" OR "WP" OR "WQ" OR "WR" OR "WS" OR "WT" OR "WU" OR "WV" OR "WW" OR "WX" OR "WY" OR "WZ" OR "XA" OR "XB" OR "XC" OR "XD" OR "XE" OR "XF" OR "XG" OR "XH" OR "XI" OR "XJ" OR "XK" OR "XL" OR "XM" OR "XN" OR "XO" OR "XP" OR "XQ" OR "XR" OR "XS" OR "XT" OR "XU" OR "XV" OR "XW" OR "XX" OR "XY" OR "XZ" OR "YA" OR "YB" OR "YC" OR "YD" OR "YE" OR "YF" OR "YG" OR "YH" OR "YI" OR "YJ" OR "YK" OR "YL" OR "YM" OR "YN" OR "YO" OR "YP" OR "YQ" OR "YR" OR "YS" OR "YT" OR "YU" OR "YV" OR "YW" OR "YX" OR "YY" OR "YZ" OR "ZA" OR "ZB" OR "ZC" OR "ZD" OR "ZE" OR "ZF" OR "ZG" OR "ZH" OR "ZI" OR "ZJ" OR "ZK" OR "ZL" OR "ZM" OR "ZN" OR "ZO" OR "ZP" OR "ZQ" OR "ZR" OR "ZS" OR "ZT" OR "ZU" OR "ZV" OR "ZW" OR "ZX" OR "ZY" OR "ZZ".

PROFILE ALIGNMENT AND GRADE OF
 SANITARY SEWERS P.C. 8371
 TO BE CONSTRUCTED IN PAGE 1

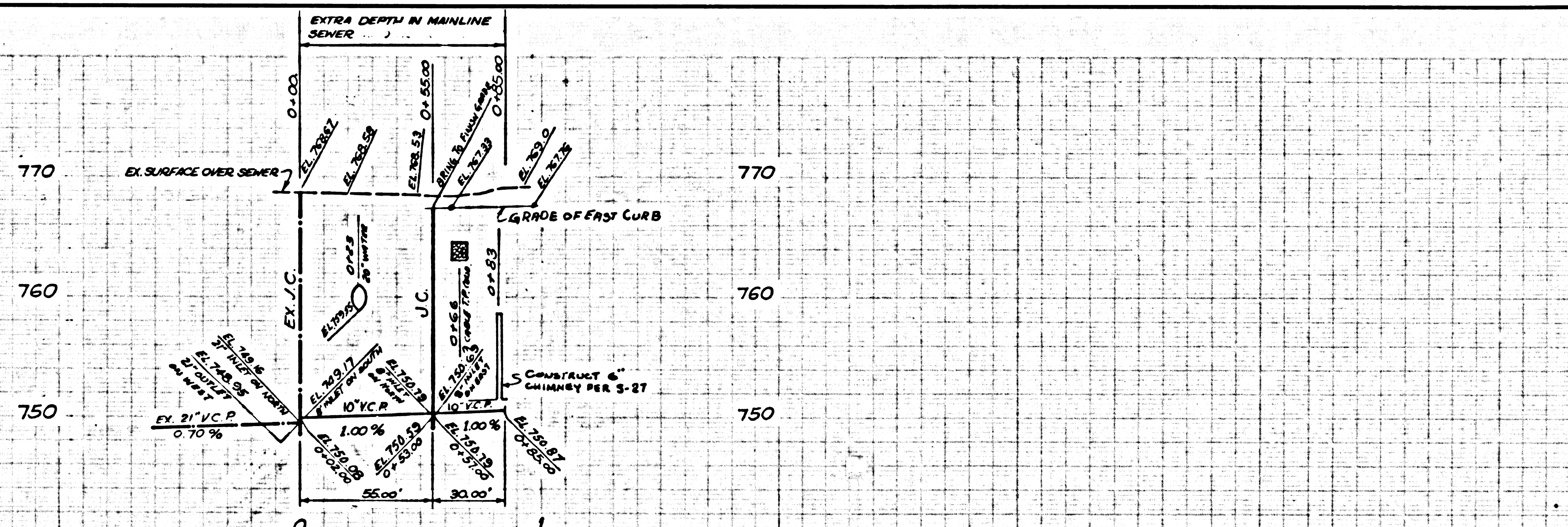
LAS VIRGENES ROAD
 PRIVATE CONTRACT NO. 8371

W.S. 90
 SHEET 1 OF 2 PAGES
 SCALE: HORIZ. 1" = 40' VERT. 1" = 4'
 SEPTEMBER 22, 1969
 PREPARED IN THE OFFICES OF
 HOLM, TAIT & ASSOCIATES
 200 NORTH WILSHIRE, ANAHEIM, CALIF.
 BY: *James H. Tait*
 REG. C. E. NO. 14900

FOR LEGEND SEE PLAN NO. S-1

NOTE:
 GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILE. GRADE POINTS FOR TOP OF CURBS, CENTER LINE OF STREETS, OR CENTER LINE OF ALLEYS ARE SHOWN BY CIRCLES ON PROFILE. 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. (FOR BIDDING) WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION AND SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED APRIL 7, 1970, AND SHALL BE PROTECTED 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. 2, AND PAY A FEE TO THE COUNTY ENGINEER, ROOM 326, COUNTY ENGINEERING BUILDING, 100 WEST SECOND STREET, LOS ANGELES, CALIFORNIA. A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, 120 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.

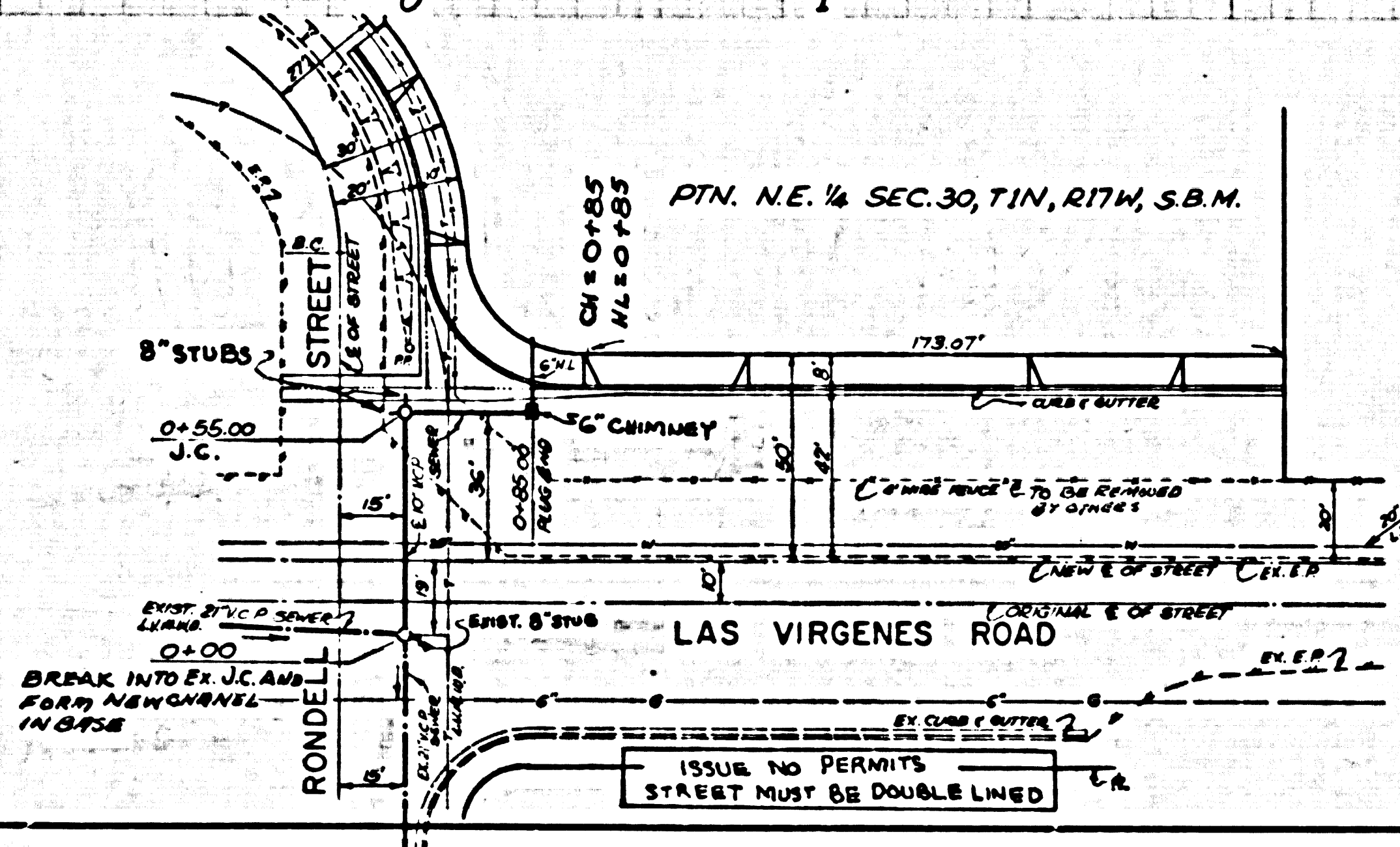
COUNTY OF LOS ANGELES, CALIFORNIA
 JOHN A. LAMBIE, COUNTY ENGINEER LAS VIRGENES MUNICIPAL WATER DIST.
 APPROVED BY: *James H. Tait* REGIONAL ENGINEER APPROVED BY: *H. W. Stoltz* CHIEF ENGINEER
 GENERAL MANAGER
 BY: *Edward D. Smith*
 CHECKED BY: *James H. Tait* REG. C. E. NO. 17722
 42320
 J.N. 0370.11



P.C. 8371 PAGE 2

SEE L.V.M.W.D. FOR PERMITS & CHARGES
 NO CONNECTION CHARGES FOR L.A. COUNTY
 DOUBLE SCALE

42321



ISSUE NO PERMITS UNTIL STREET WIDENING IS DEDICATED

ISSUE NO PERMITS UNTIL STREET MUST BE DOUBLE LINED