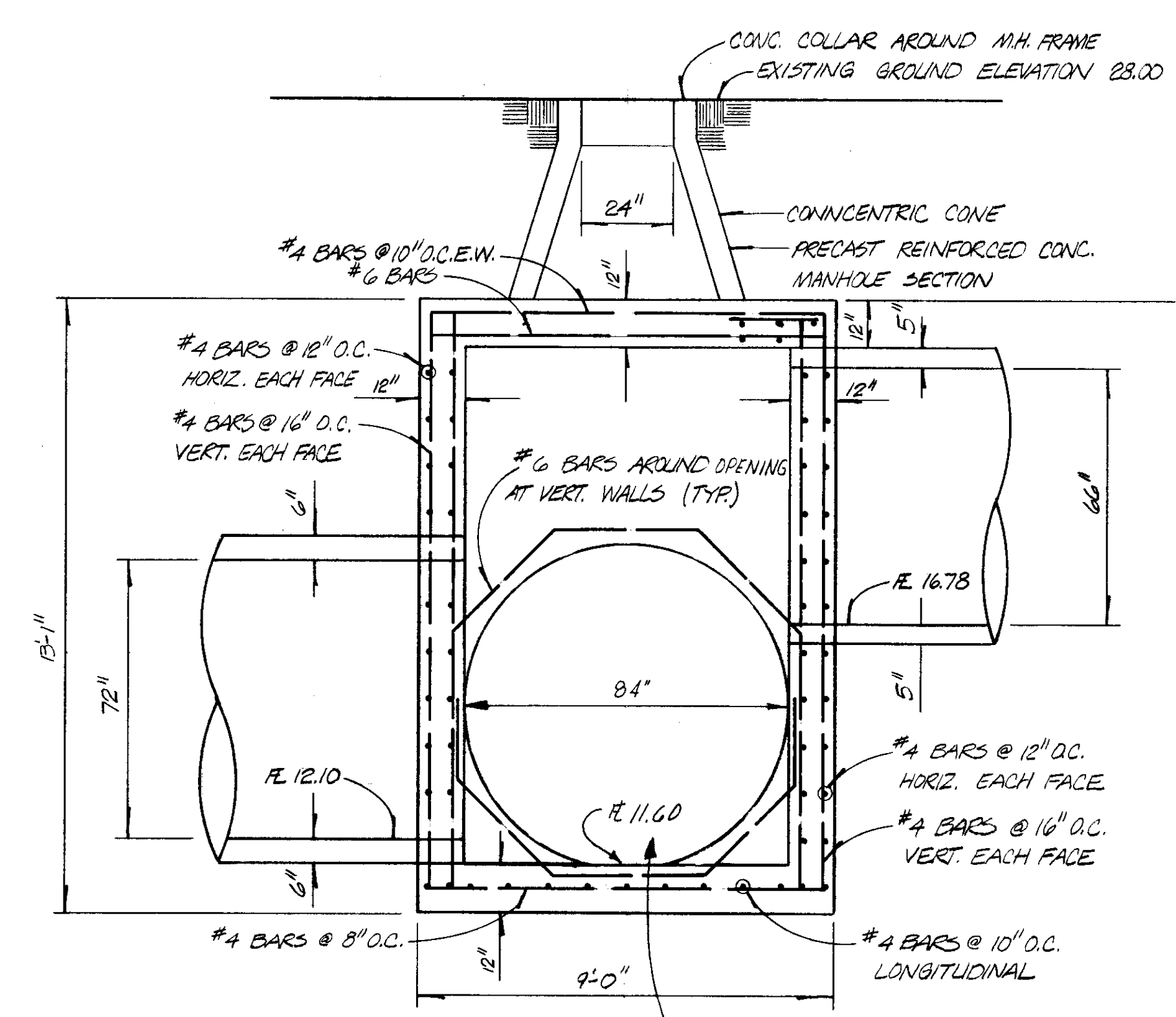
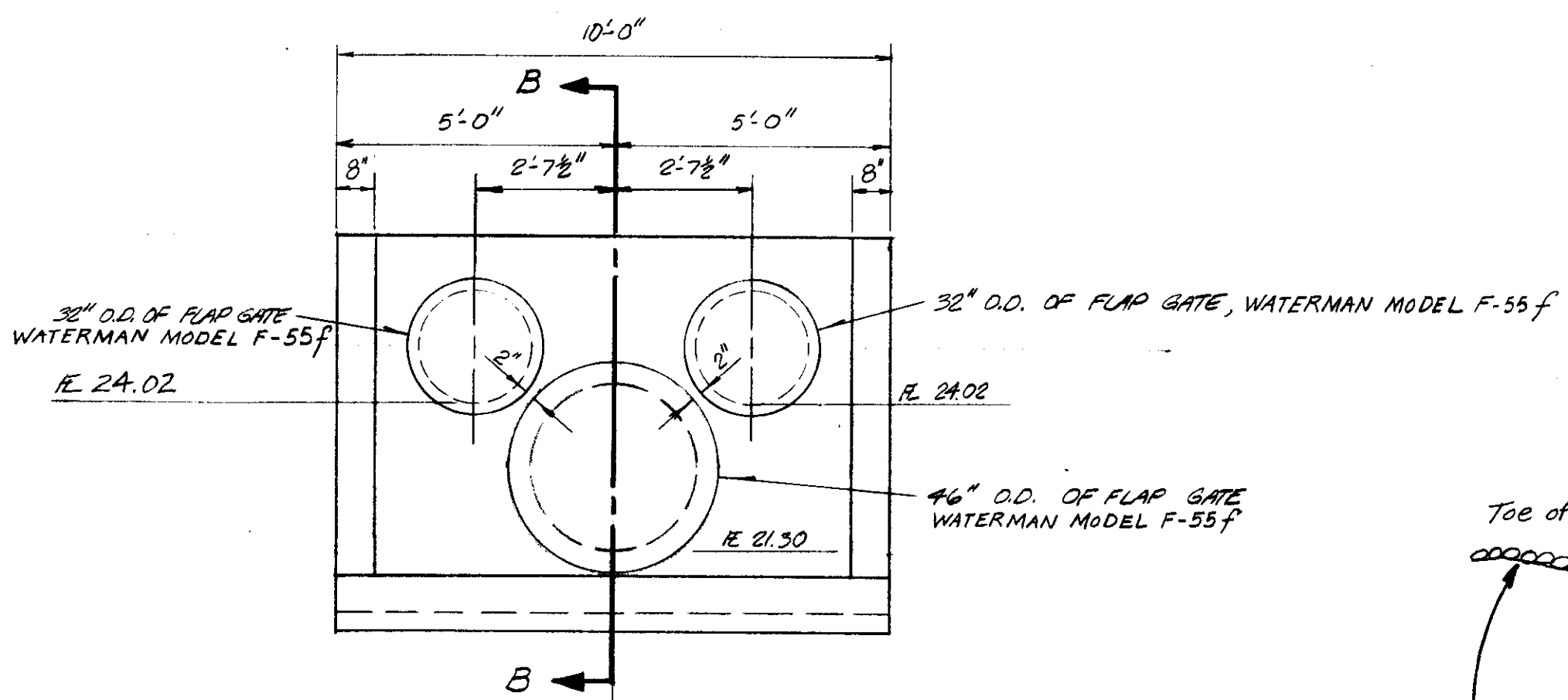


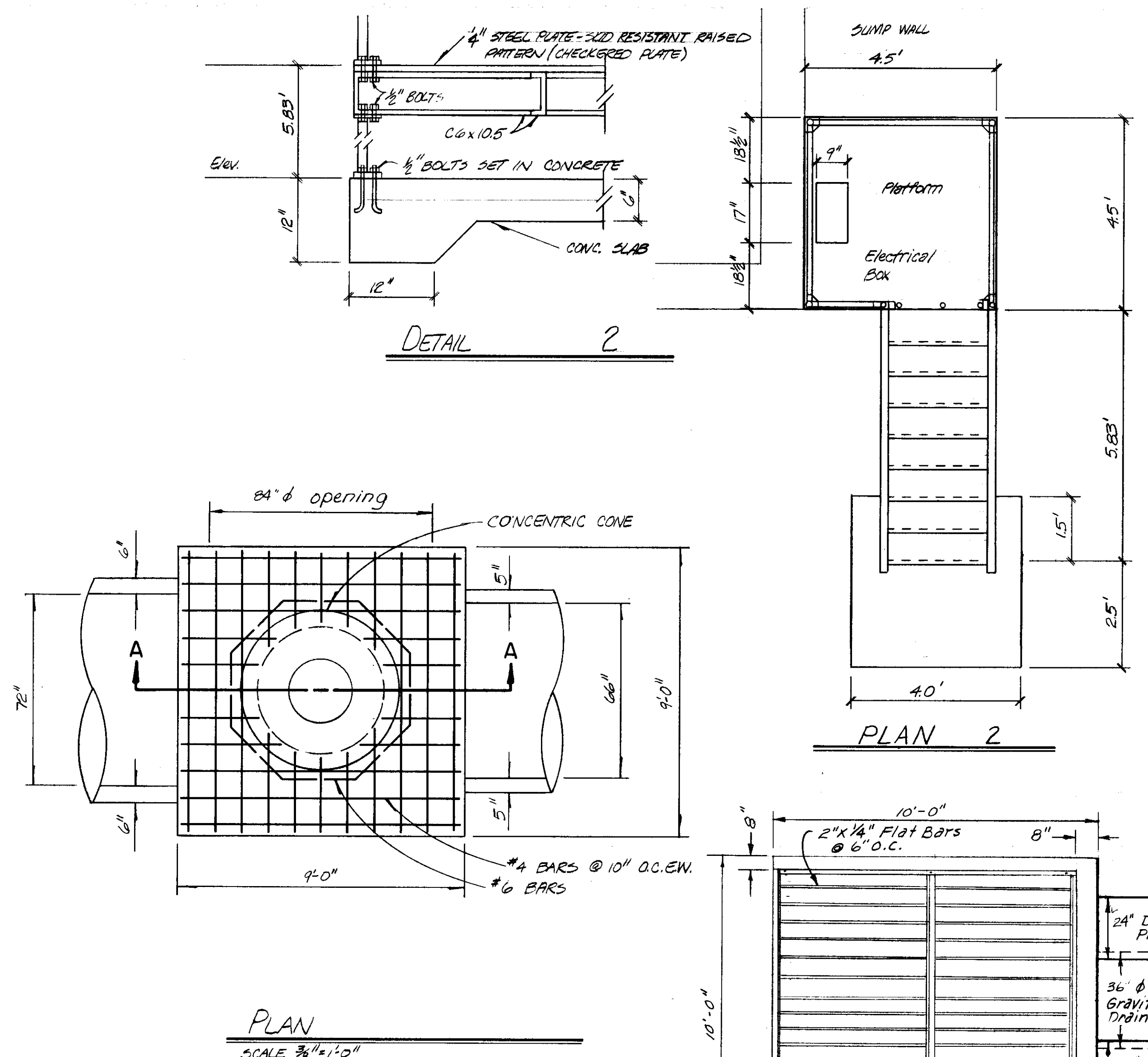
7122-78



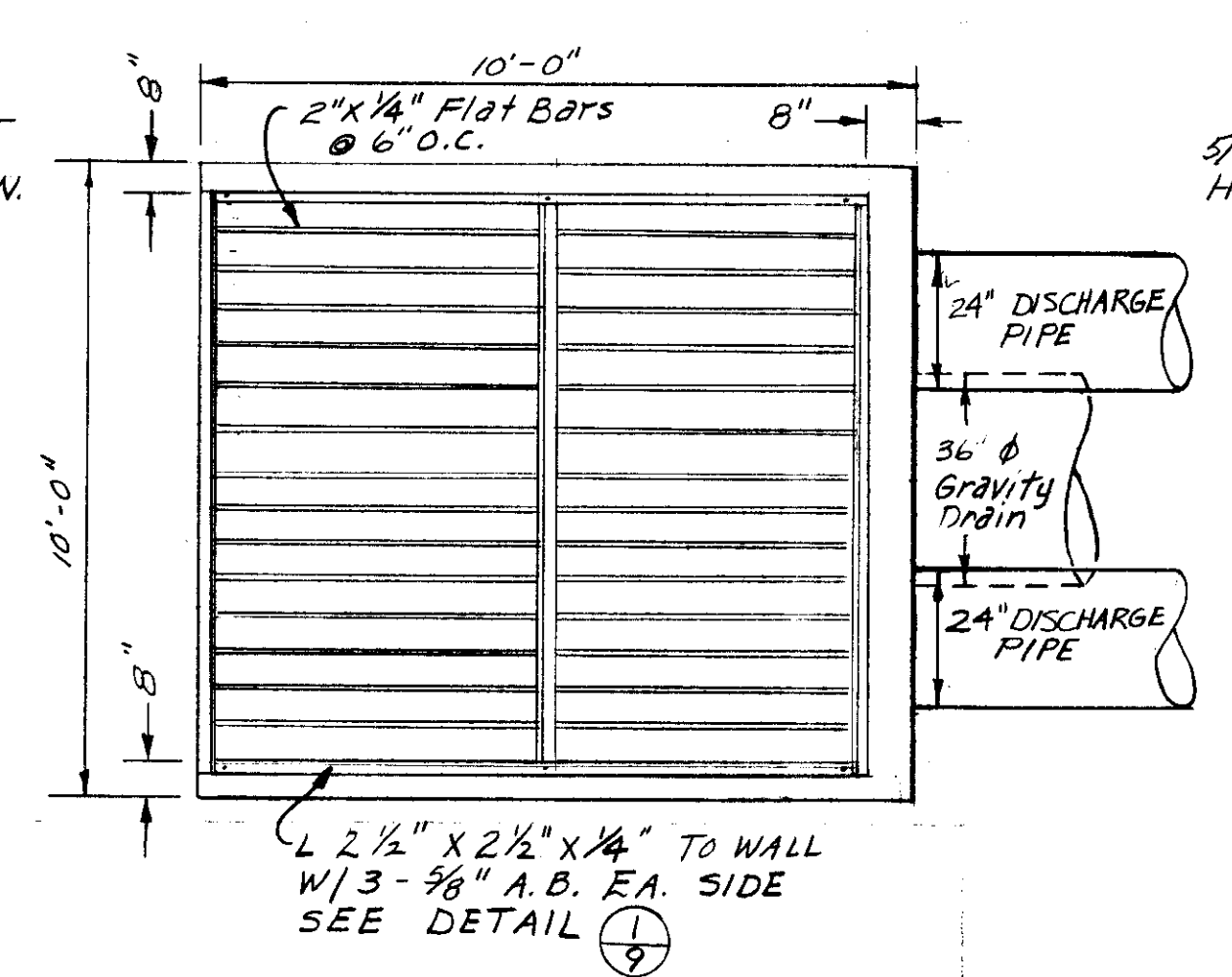
SECTION A
SCALE 3/8" = 1'-0"



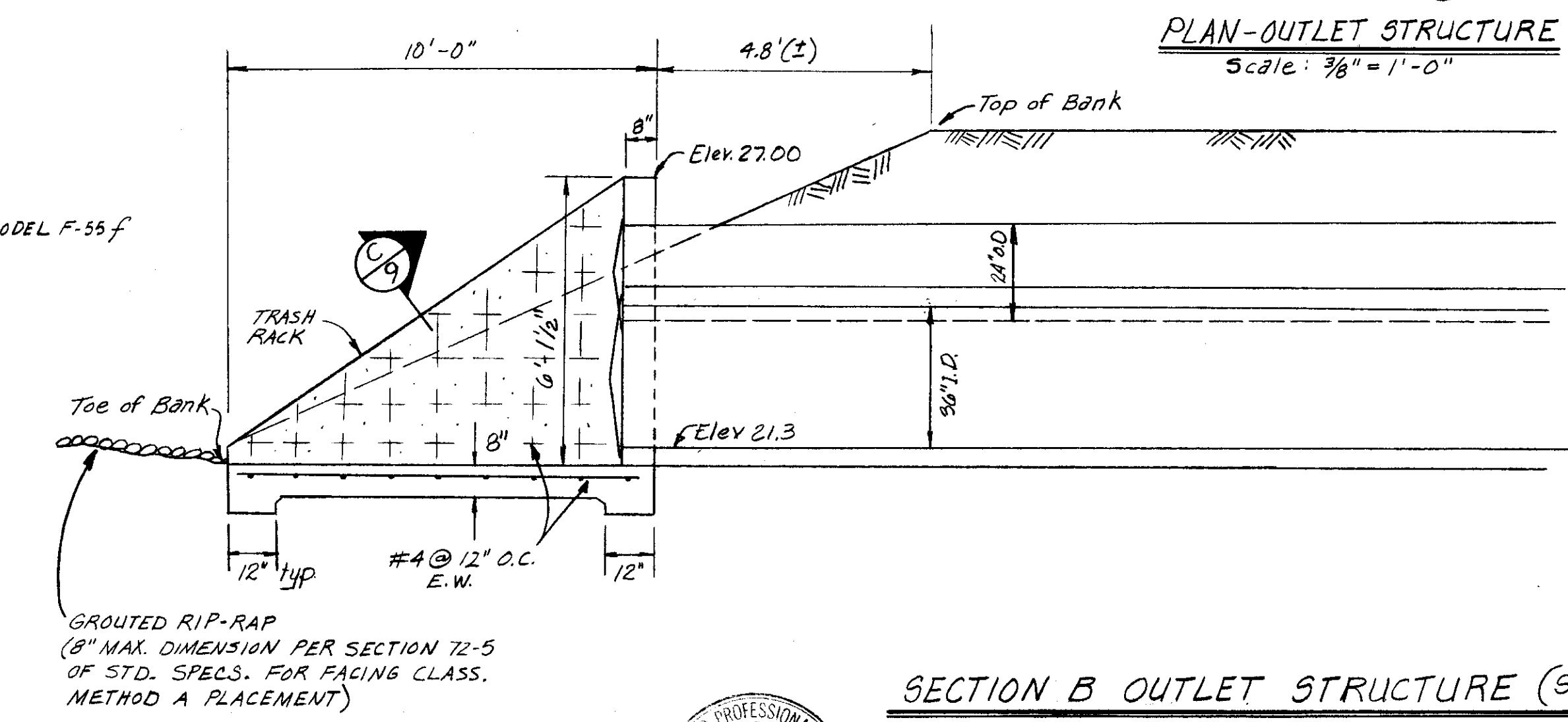
END VIEW
OUTLET STRUCTURE
SCALE: 3/8" = 1'-0"



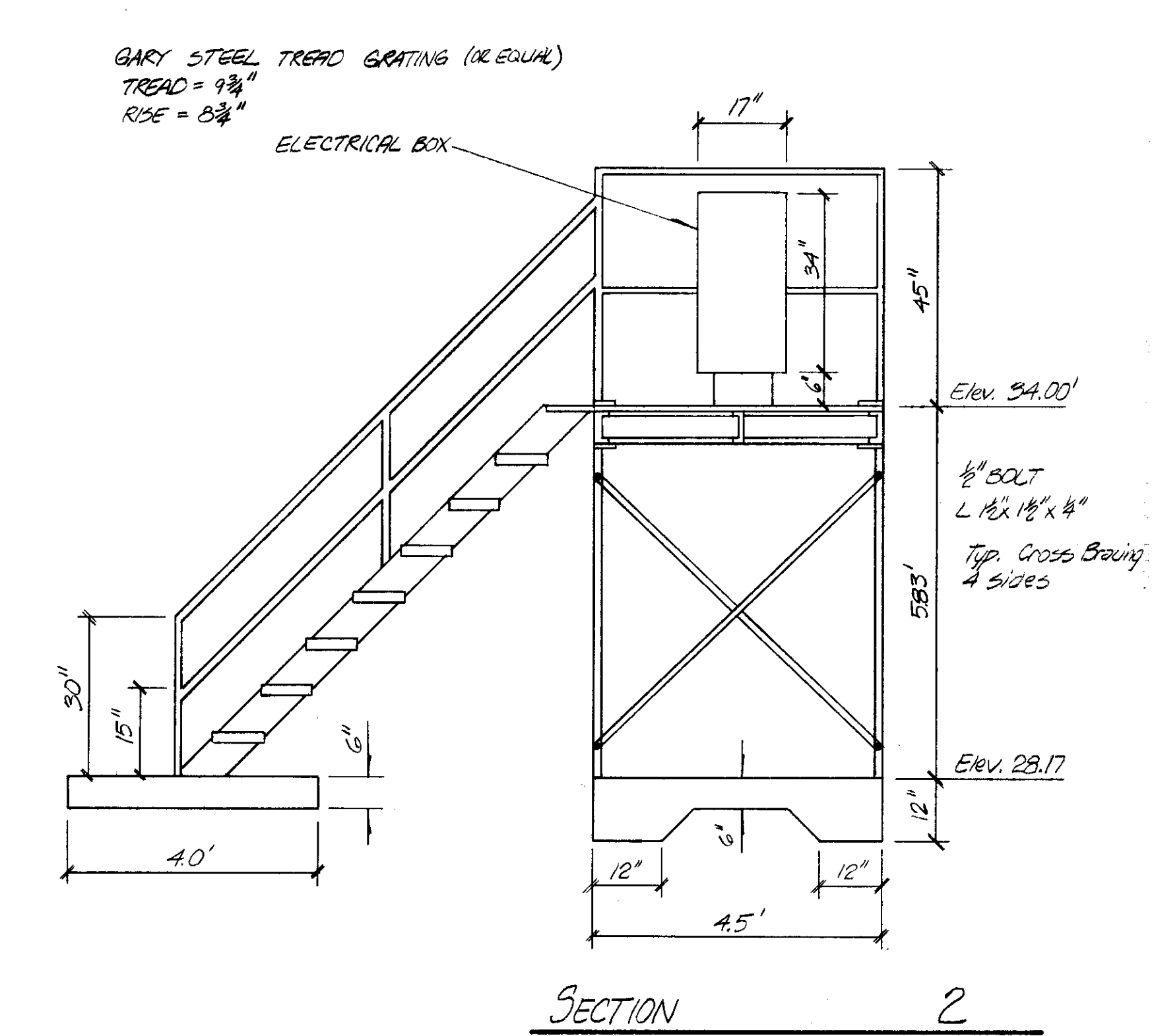
PLAN
SCALE 3/8" = 1'-0"



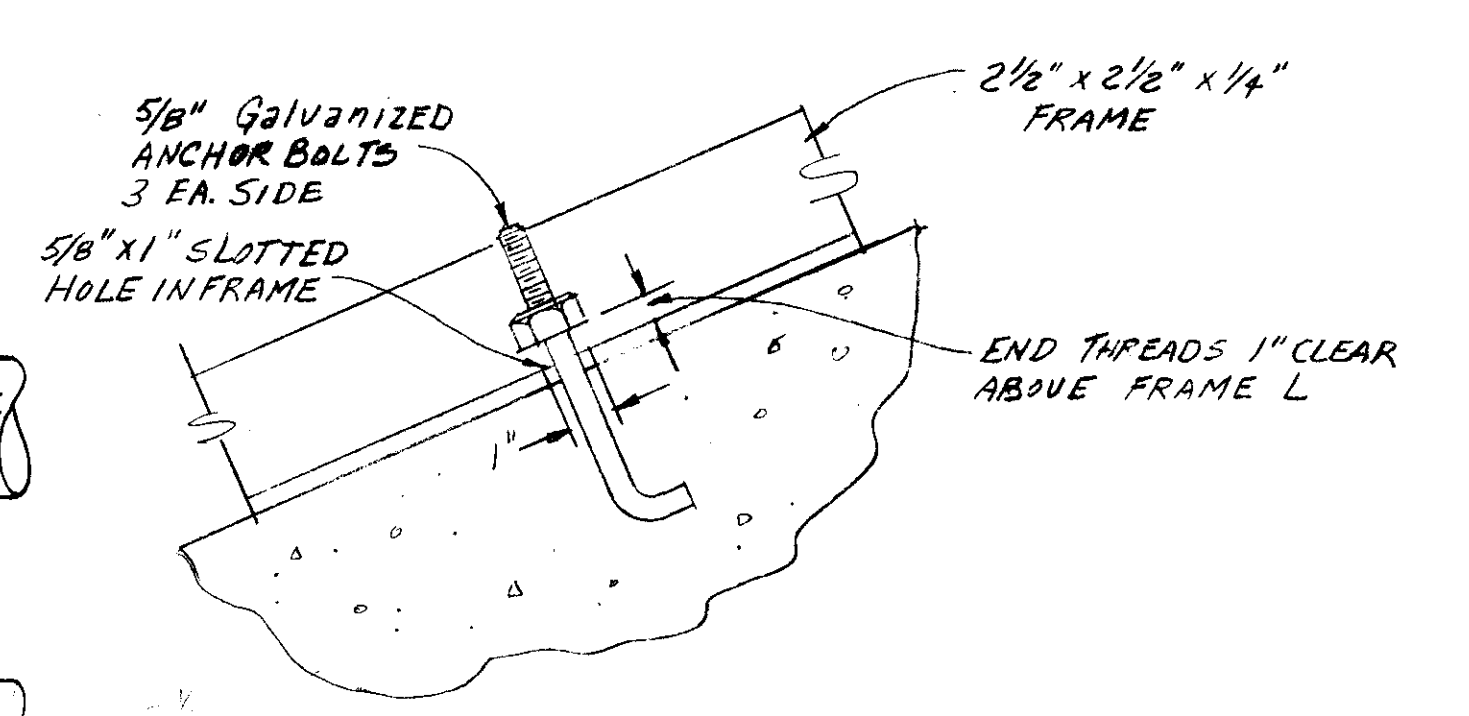
PLAN-OUTLET STRUCTURE
SCALE: 3/8" = 1'-0"



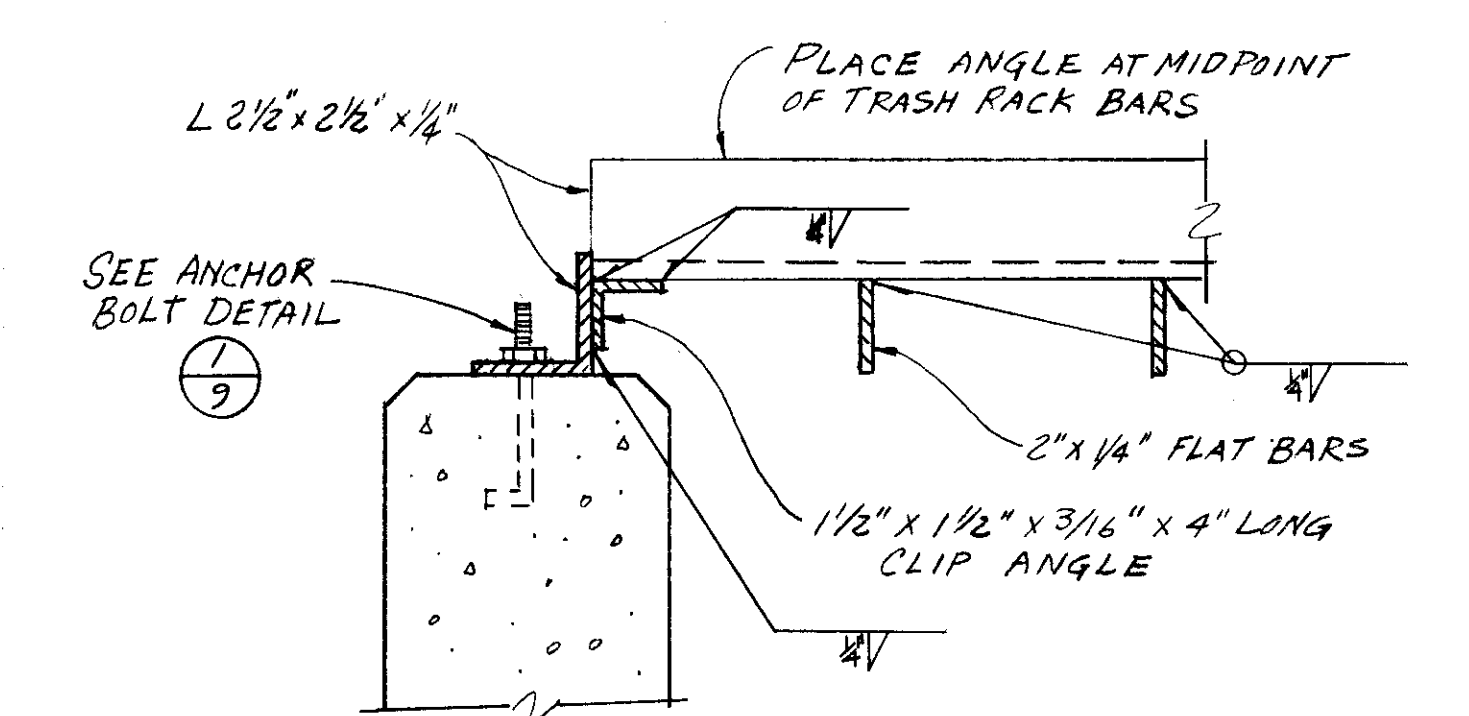
SECTION B OUTLET STRUCTURE (See Sheet 5)
SCALE 3/8" = 1'-0"



SECTION 2



DETAIL 1
N/S SCALE



SECTION C
SCALE 3/8" = 1'-0"

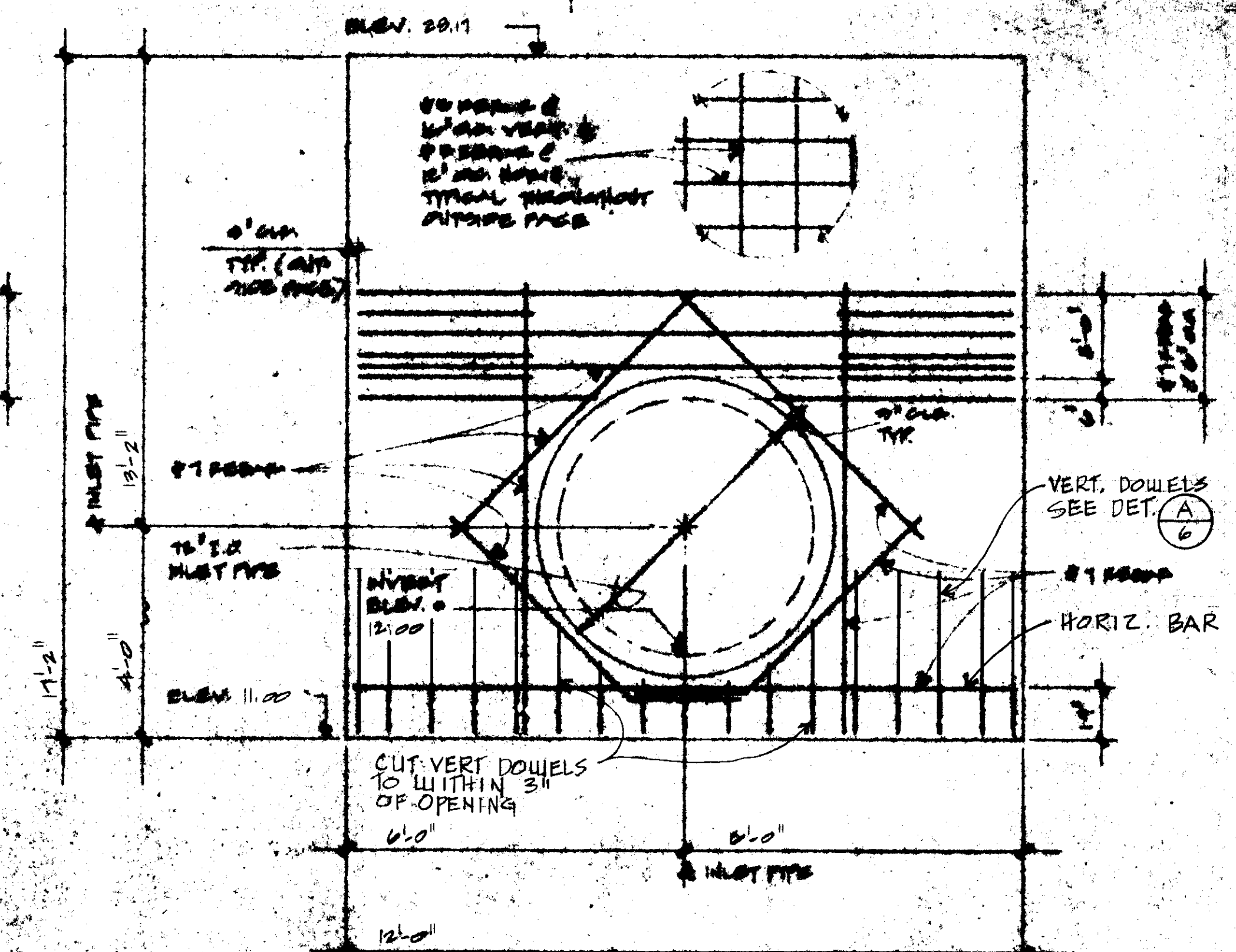


10-11-89
Rgc

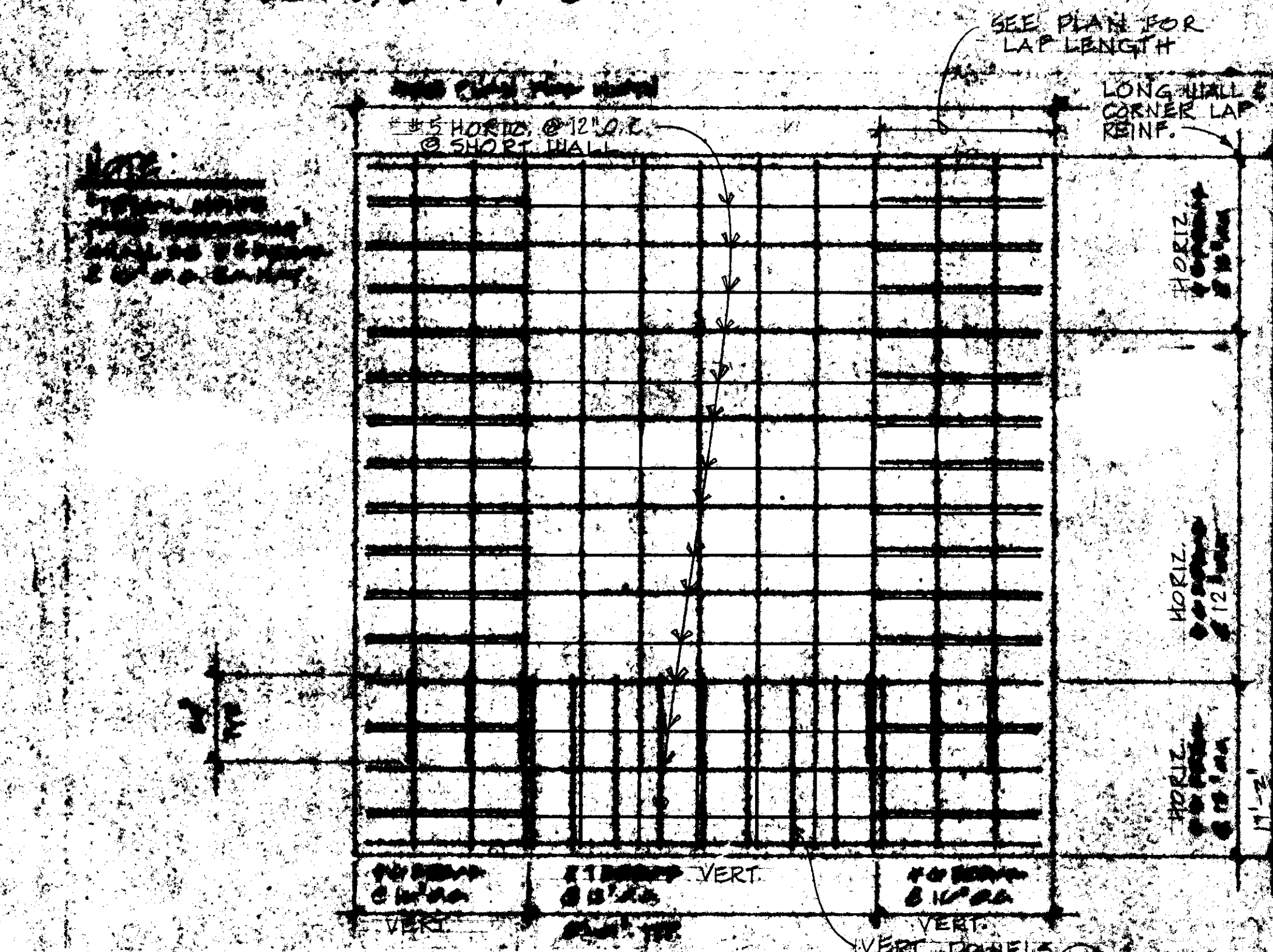
CHAS. H. BLOOM CO.
GENERAL CONTRACTORS
STOCKTON, CALIFORNIA

COUNTY OF SAN JOAQUIN DEPARTMENT OF PUBLIC WORKS	
APPROVED	DATE
DIRECTOR OF PUBLIC WORKS	
APPROVED REVISION	R.C.E. NO.

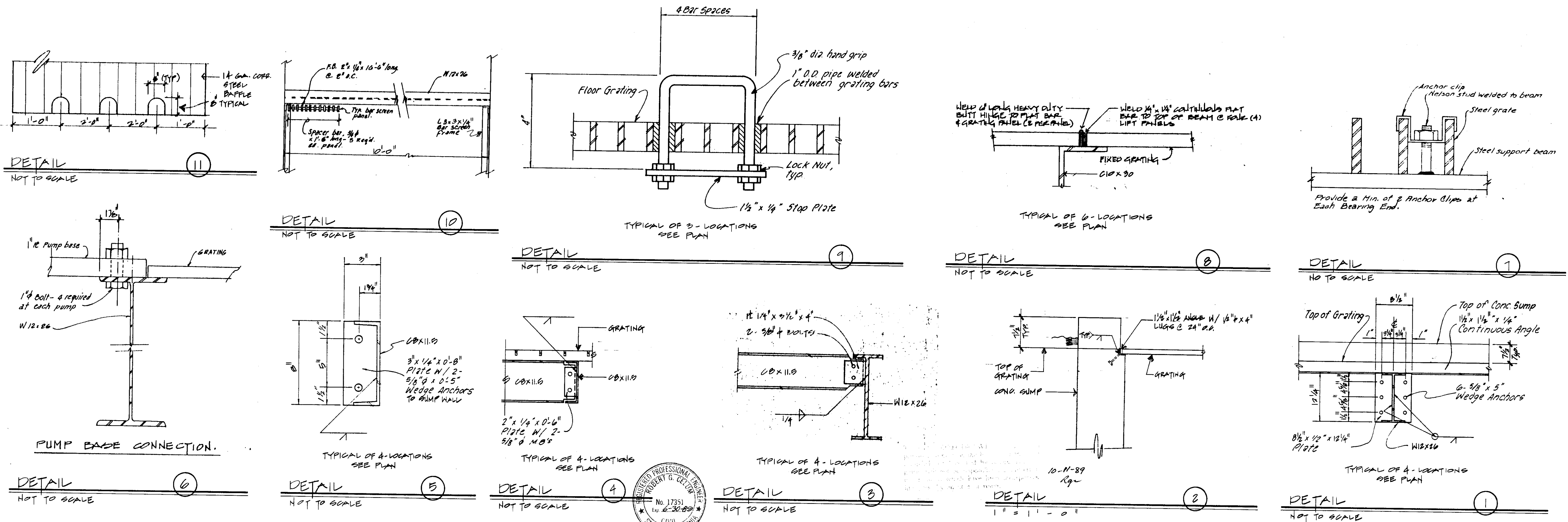
INLAND INVESTMENT CO. CERGRO LTD. II
WILCOX ROAD
DETAIL SHEET



△ OUTSIDE FACE REINFORCING AT 72" I.D. INLET PIPE (3)



△ TYPICAL OUTSIDE FACE REINFORCING DETAIL ①

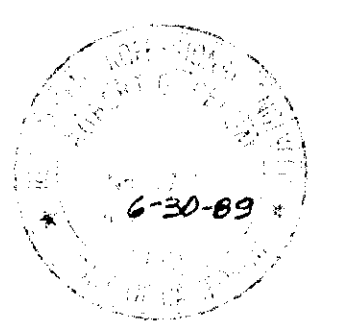
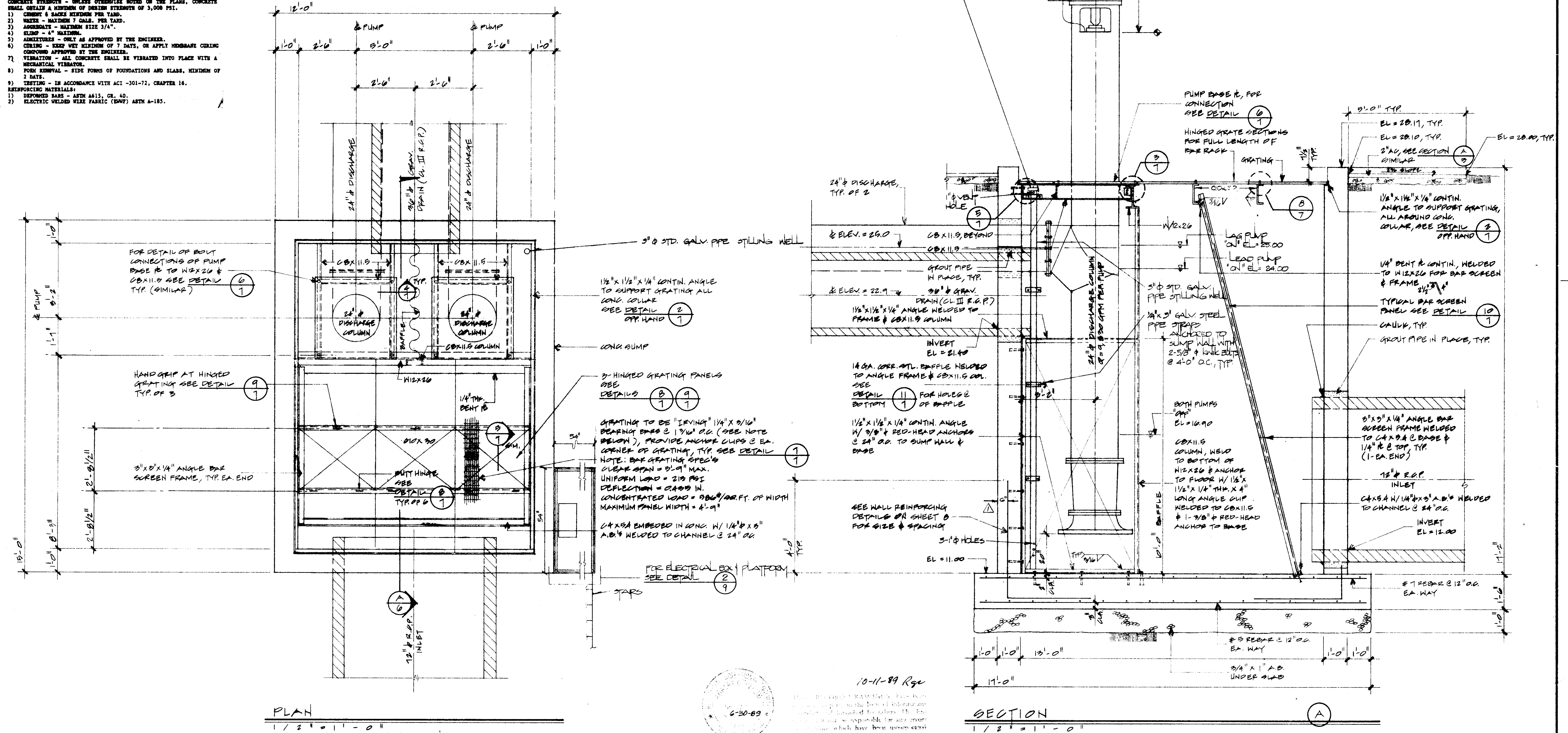


1. GENERAL
- A. ALL WORK SHALL BE IN STRICT ACCORDANCE WITH THE 1983 EDITION OF THE UNIFORM BUILDING CODE AND STANDARDS AND ALL PUBLICATIONS NOTED HEREIN.
- B. DETAILS SHOWN ON THE STRUCTURAL DRAWINGS ARE TYPICAL AND SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS. SPECIFIC NOTES AND DETAILS ON THE DRAWINGS TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS.
- C. DIMENSIONS SHOWN SHALL TAKE PRECEDENCE OVER SCALE ON THE PLAN SECTIONS AND DETAILS. ANY DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER.
- D. THE REVIEW OF SHOP DRAWINGS BY THE ENGINEER IS FOR GENERAL COMPLIANCE WITH THE DRAWINGS AND SPECIFICATIONS. THE CONTRACTOR SHALL REMAIN RESPONSIBLE FOR ALL DETAILS OF DETAILING, FABRICATION AND CORRECT FITTING OF STRUCTURAL MEMBERS, INCLUDING COORDINATION WITH OTHER TRADES.
- E. ALL DETAILS CHANGED MUST BE SUBMITTED TO THE ENGINEER IN WRITING. SHOP DRAWINGS DO NOT CONSTITUTE CHANGES IN WRITING. ALONG WITH A LETTER, THE SHOP DRAWINGS SHALL SHOW ALL PROPOSED CHANGES.
- F. DESIGN LOADS ARE IN ACCORDANCE WITH CHAPTER 23 OF THE UNIFORM BUILDING CODE.
2. FOUNDATIONS
- A. CONSTRUCTION REQUIREMENTS:
- 1) SITE - MINIMUM SITE PREPARATION SHALL CONSIST OF SCARIFYING AND RECOMPACTING LOOSE SURFACE SOILS TO A MINIMUM COMPACTION OF 90% PER ASTM D1557 FOR A DEPTH OF 4".
- 2) PAVING - ALL AREAS TO BE PAVED SHALL BE THATCHED AS SPECIFIED FOR SITE ABOVE TO A MINIMUM DEPTH OF 12", PLACED IN 6" MAXIMUM LAYERS.
- 3) FOUNDATION - THE BOTTOMS OF ALL FOOTINGS SHALL BE PLACED ON NATIVE SOIL IN AN UNDISTURBED STATE OR ON ENGINEERED FILL. ALL FOOTINGS SHALL BE INSPECTED BY THE ENGINEER BEFORE PLACING CONCRETE.
- 4) SELECT BACKFILL - SELECT BACKFILL FOR STRUCTURES SHALL BE PLACED IN 6" MAXIMUM LAYERS AND COMPACTION TO 93% MINIMUM PER ASTM D1557.
3. CONCRETE
- A. GENERAL - ALL CONCRETE WORK SHALL BE PERFORMED IN ACCORDANCE WITH ACI AND UBC CODES.
- B. CONCRETE STRENGTH - UNLESS OTHERWISE NOTED ON THE PLANS, CONCRETE SHALL OBTAIN A MINIMUM OF DESIGN STRENGTH OF 3,000 PSI.
- 1) CEMENT & SANDS - MINIMUM PER YARD.
- 2) WATER - MAXIMUM 7 GALL. PER YARD.
- 3) AGGREGATE - MAXIMUM SIZE 3/4".
- 4) SLUMP - 4" MAXIMUM.
- 5) ADMIXTURES - ONLY AS APPROVED BY THE ENGINEER.
- 6) CURING - KEEP WET MINIMUM OF 7 DAYS, OR APPLY MEMBRANE CURING COMPOUND APPROVED BY THE ENGINEER.
- 7) VIBRATION - ALL CONCRETE SHALL BE VIBRATED INTO PLACE WITH A MECHANICAL VIBRATOR.
- 8) FORM REMOVAL - SIDE FORMS OF FOUNDATIONS AND SLABS, MINIMUM OF 2 DAYS.
- 9) TESTING - IN ACCORDANCE WITH ACI 301-72, CHAPTER 16.
- C. REINFORCING MATERIALS:
- 1) DEFORMED BARS - ASTM A615, GR. 40.
- 2) ELECTRIC WELDED WIRE FABRIC (EWW) - ASTM A-185.

- STRUCTURAL STEEL AND MISCELLANEOUS ITEMS
- A. CODES - ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE FOLLOWING CODES:
- 1) UNIFORM BUILDING CODE.
- 2) AISC - AMERICAN INSTITUTE OF STEEL CONSTRUCTION.
- 3) AWS - AMERICAN WELDING SOCIETY.
- 4) ASTM - AMERICAN SOCIETY OF TESTING MATERIALS.
- B. MATERIALS:
- 1) STRUCTURAL STEEL MEMBERS - ASTM A-36, OR PER PLANS.
- 2) STRUCTURAL TUBING - ASTM A500 GRADE B.
- 3) STRUCTURAL PIPES - ASTM A53 GRADE B.
- 4) BOLTS, NUTS, WASHERS - ASTM A307 (UNLESS NOTED OTHERWISE ON THE PLANS).
- 5) RISE STRENGTH BOLTS, NUTS AND WASHERS - ASTM A325 (INDICATED ON DRAWINGS AS R325).
- 6) WELDING MATERIAL - E-70 ELECTRODES PER AWS-D1.1.
- 7) PAINT PRIMER - FPD, SPS, TT-311, RED OXIDE.
- 8) GALVANIZING - ASTM A575 MIN. 20% NOT CLIPPED.
- 9) METAL JACKING - ASTM A440 GRADE B (70-90000) - GALVANIZED TO ASTM A525 8-60 CHAINING. FABRICATION AS PER SPEC. BOOK INSTITUTE SPECIFICATIONS.
- C. FABRICATION:
- 1) WELDING - WELDING SHALL BE PERFORMED BY CERTIFIED WELDERS ONLY.
- 2) SHOP FABRICATION TO THE GREATEST POSSIBLE EXTENT.
- 3) SHOW PRIME ALL STEEL EXCEPT GALVANIZED STEEL. DO NOT PRIME SURFACES TO BE WELDED OR WHICH WILL BE PLACED INTO CONCRETE.
- D. SHOP DRAWINGS:
- 1) SHOP DRAWINGS SHALL BE SUBMITTED FOR ALL STRUCTURAL STEEL AND MISCELLANEOUS STEEL MEMBERS.
- 2) COORDINATE SHOP DRAWINGS WITH ALL THE TRADES.
- E. TESTING AND INSPECTION:
- 1) STRUCTURAL STEEL - SUBMIT MILL REPORTS AS PER AISC SPECIFICATIONS.
- 2) RISE STRENGTH BOLTS, NUTS AND WASHERS - PROVIDE WRITTEN MILL CERTIFICATIONS.
- 3) ALL FIELD WELDING SHALL BE BY A CERTIFIED WELDER AND INSPECTED BY AN APPROVED WELDING INSPECTOR.
- 4) RISE STRENGTH BOLTS SHALL BE INSPECTED BY A QUALIFIED INSPECTOR APPROVED BY THE ENGINEER.

NOTE: SEE SHEET NO. 5 FOR SITE PLAN & CONTINUATION OF INLET, GRAVITY DRAIN & DISCHARGE PIPES.

INLET PUMPS DESIGN & OPERATING CHARACTERISTICS	
PUMP TYPE - 2 EA. CASCADE OF EQUIVALENT PROPELLER PUMP #24	
T.P.H. (FT.)	3.5
Q.P.D. (GPM)	10,000
MOTOR P.S.E.	25
MAX. PUMP SPEED	900 RPM



10-11-89 Rgc

CHAS. H. BLOOM CO.
GENERAL CONTRACTORS
STOCKTON, CALIFORNIA

COUNTY OF SAN JOAQUIN DEPARTMENT OF PUBLIC WORKS	
APPROVED	DATE
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DIRECTOR OF PUBLIC WORKS	
APPROVED REVISION	

REVISIONS		
NO.	DESCRIPTION	DATE BY
1	Revised Rebar Details	9-22-89 MES
2	Revised Pump Operating Characteristics	10-11-89 Rgc

R. W. SIEGFRIED & ASSOCIATES
CONSULTING CIVIL ENGINEERS
4045 CORONADO AVENUE, STOCKTON, CALIFORNIA 95204
Robert L. Schum R.C.E. NO. 17,351 EXP. 6-30-89

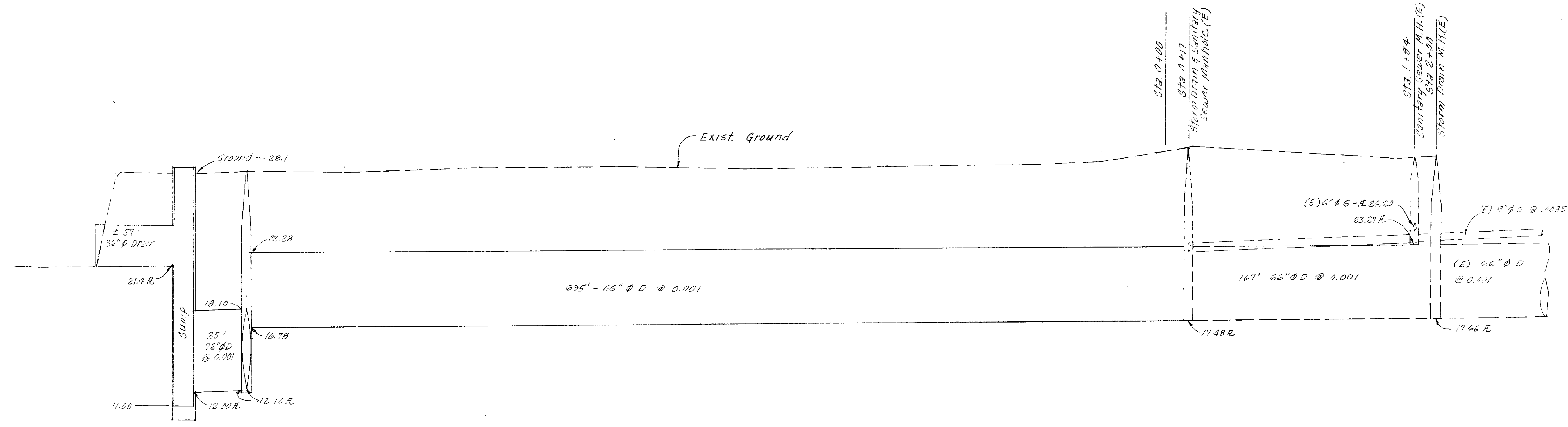
JOB NO.	6012
DATE	07.1988
F.B. NO.	501
DRAWN	MEP
DESIGN	DRS/LWS
CHECKED	RGC

INLAND INVESTMENT CO. CERGRO LTD. II
WILCOX ROAD
STORM DRAIN PUMPING PLANT DETAILS

SU-2218

34
30
26
22
18
14
10

34
30
26
22
18
14
10



PROFILE

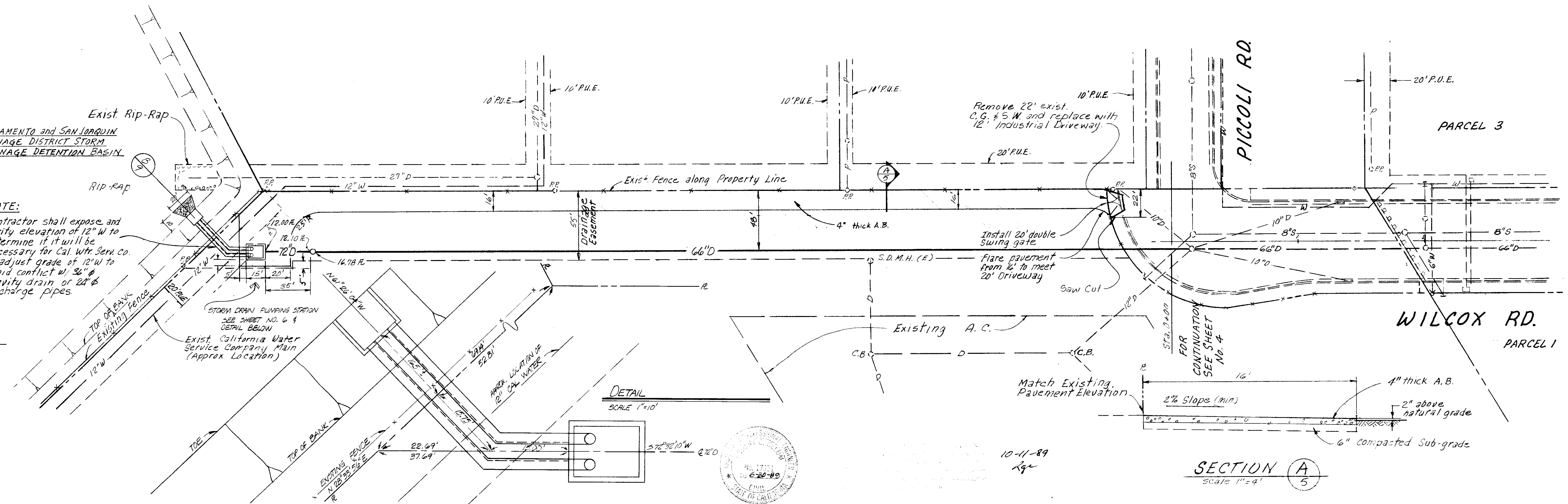
Scales: Vertical 1" = 4'
HORIZ. 1" = 40'

SACRAMENTO and SAN JOAQUIN
DRAINAGE DISTRICT STORM
DRAINAGE DETENTION BASIN

NOTE:

Contractor shall expose and
verify elevation of 12" W to
determine if it will be
necessary for Cal. Wtr. Serv. Co.
to adjust grade of 12" W to
avoid conflict w/ 36" Ø
gravity drain or 24" Ø
discharge pipes.

SCALE 1" = 40'



DETAIL

SCALE 1" = 10'

SECTION A

Scale 1" = 4'

COUNTY OF SAN JOAQUIN	
DEPARTMENT OF PUBLIC WORKS	
APPROVED	DATE
DIRECTOR OF PUBLIC WORKS	
APPROVED REVISION	R.C.E. NO.

INLAND INVESTMENT CO. CERGRO LTD. II

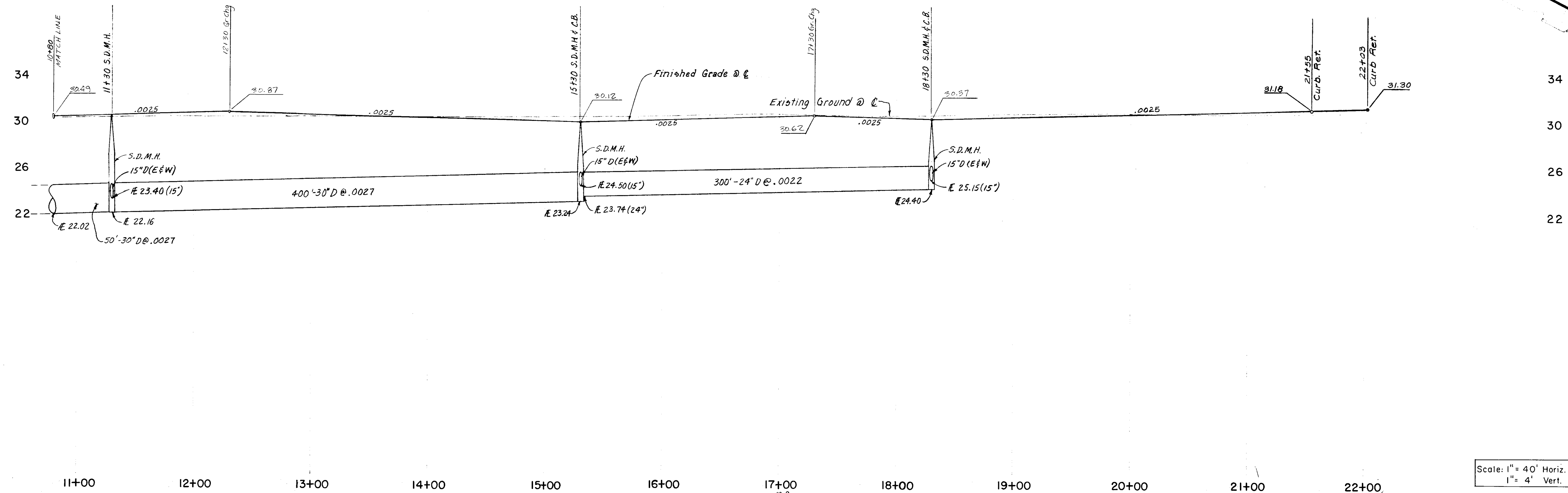
WILCOX ROAD
STORM DRAIN - STA. 0+00 WEST
PLAN & PROFILE

6012
SEPT 88
387
GA, MS
RGC
RGC

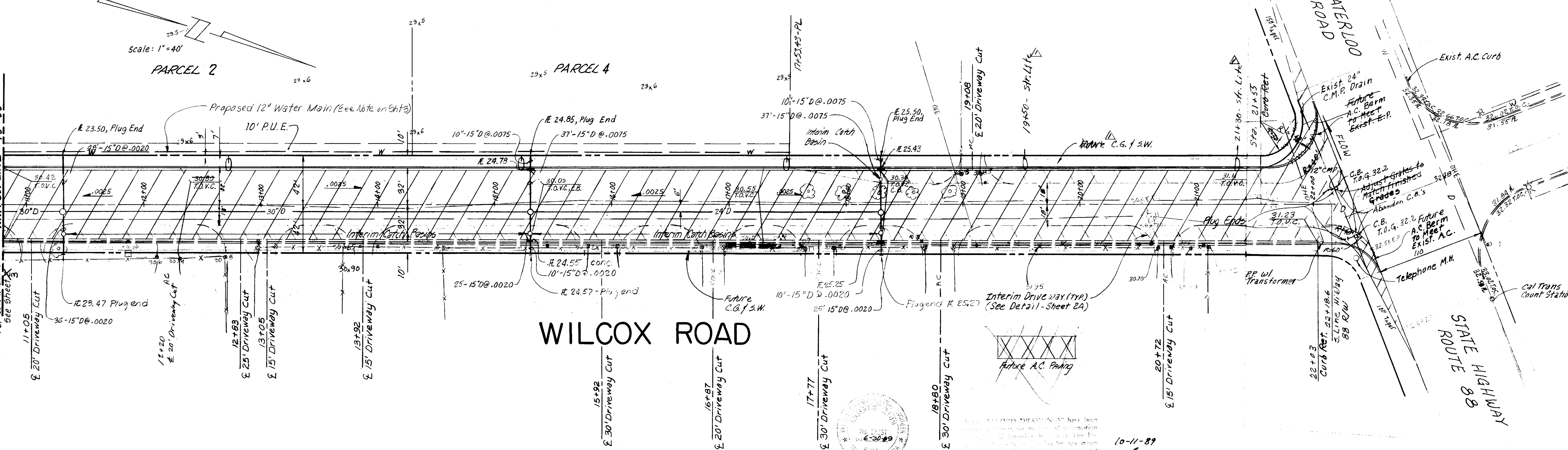
17,351

Robert L. Selum

6-3574



For Continuation
See Sheet 3



COUNTY OF SAN JOAQUIN DEPARTMENT OF PUBLIC WORKS	
APPROVED	DATE
R.C.E. NO.	
DIRECTOR OF PUBLIC WORKS	
APPROVED REVISION	

CHAS. H. BLOOM CO.
GENERAL CONTRACTORS
STOCKTON, CALIFORNIA

- Extended C.G. SW along W. side to Sta. 21+55 & added 2' Str. Lanes
- Add curbs along S. edge paving on Highway 88

Robert L. Johnson

17,351

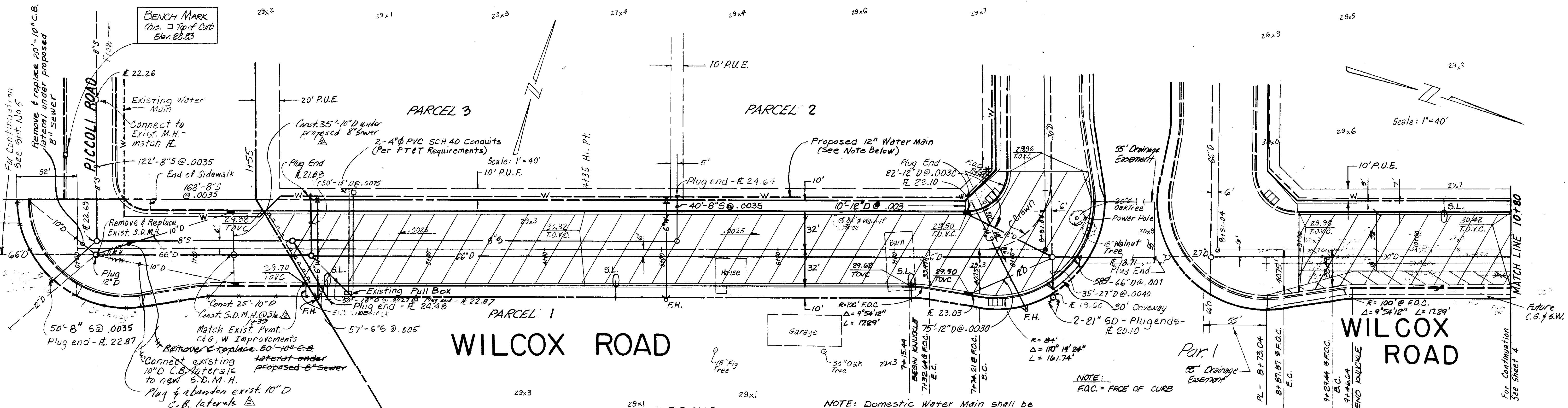
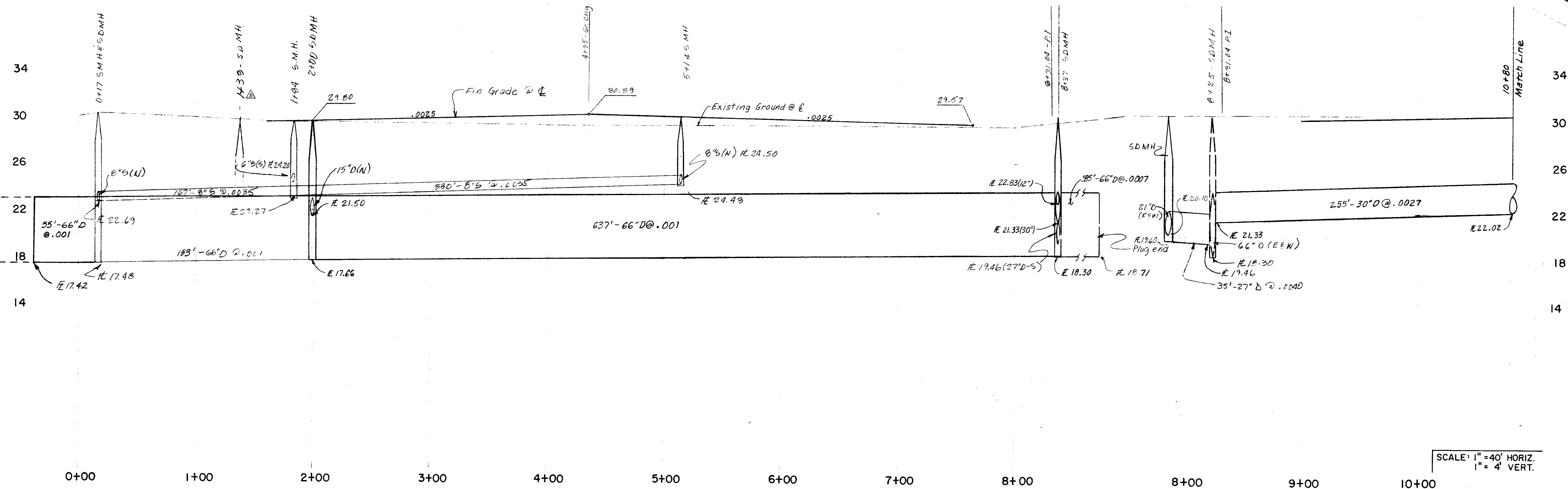
6012
AUG. 88
587
JPB, BAC
R6C

INLAND INVESTMENT CO./CERGRO LTD. II

WILCOX ROAD
STA. 10+80 to STA. 22+00
PLAN & PROFILE

4
10
6-3574

86-2220



LEGEND

XXX FUTURE A.C. PAVEMENT

NOTE: Domestic Water Main shall be designed and installed by California Water Service Co.

NOTE: F.O.C. = FACE OF CURB

NOTE: 10-11-89

COUNTY OF SAN JOAQUIN DEPARTMENT OF PUBLIC WORKS	
APPROVED	DATE
DIRECTOR OF PUBLIC WORKS	
APPROVED REVISION	R.C.E. NO.

CHAS. H. BLOOM CO.
GENERAL CONTRACTORS
STOCKTON, CALIFORNIA

ADD 18" D @ Sta. 2+00 2-10-83 R.C.
ADD 50" D @ Sta. 1+30 & 2+30 4-21-83 R.C.
2-EXIST. C & S

Robert L. Selman

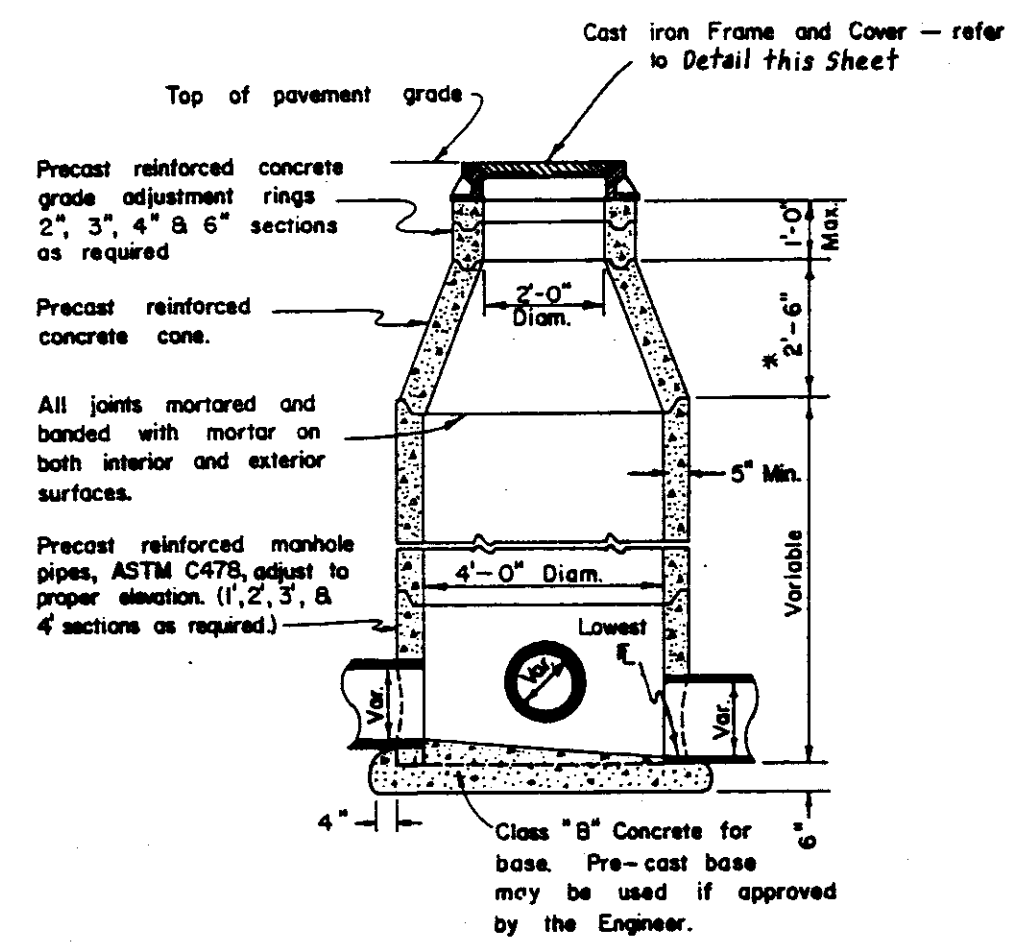
17,351

6012
Aug. 88
587
JPB, BAC
R.G.C.

INLAND INVESTMENT CO./CERGRO LTD. II

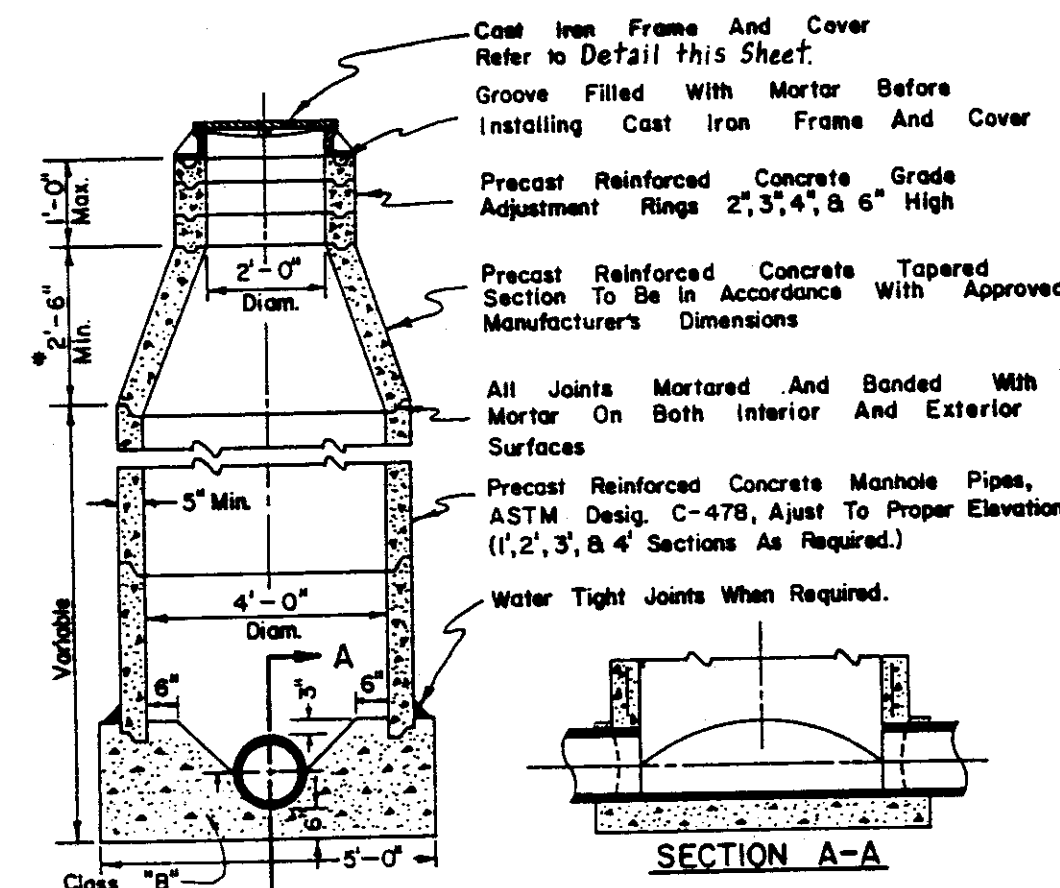
WILCOX ROAD
STA. 1+80 to STA. 10+80
PLAN & PROFILE

3
10
G-3574



ELEVATION
STORM SEWER MANHOLE

* NOTE: A 1'-6" concrete cone may be used if approved by the Engineer.

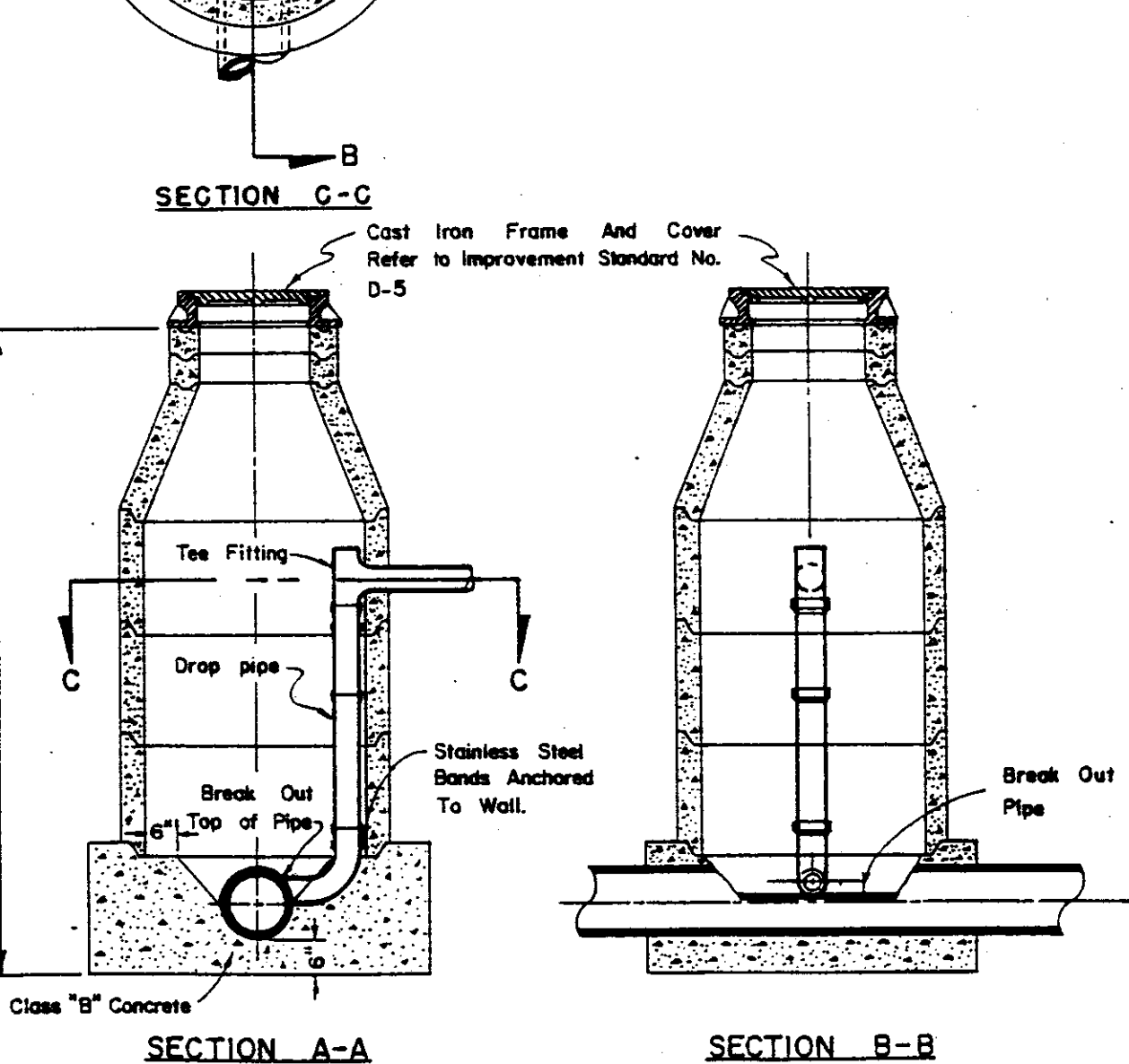


ELEVATION

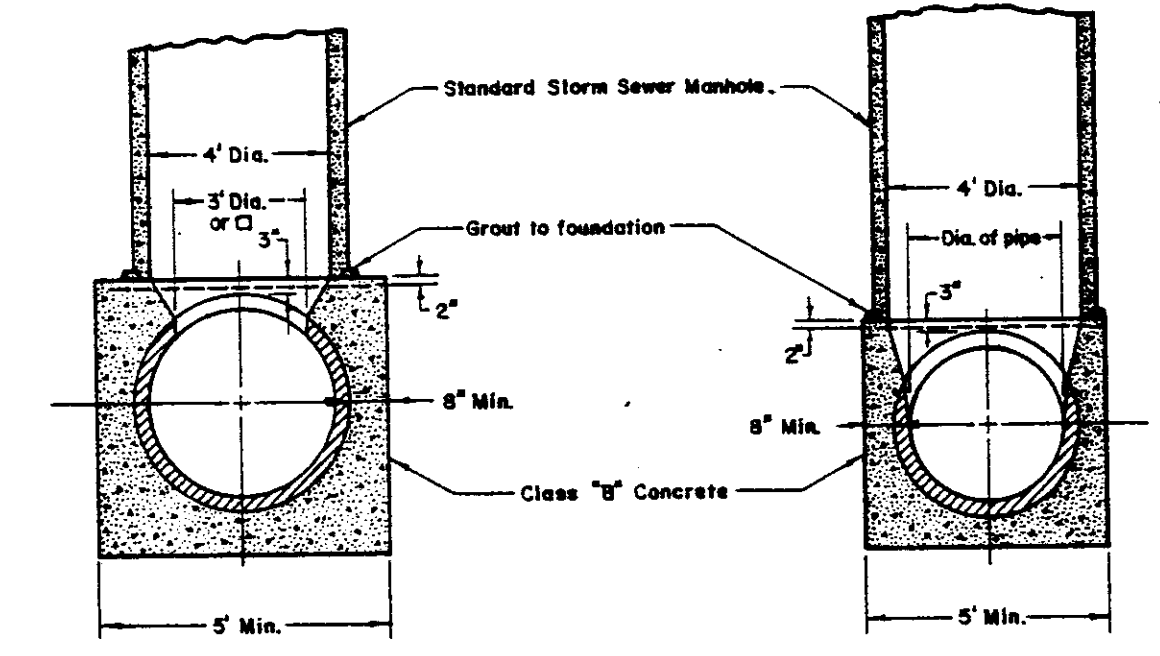
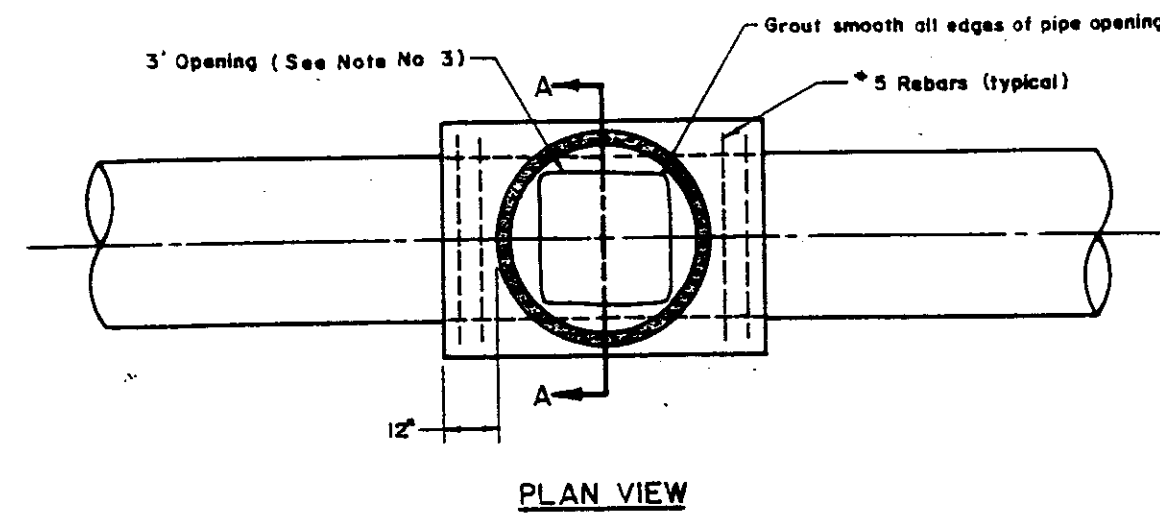
SANITARY SEWER MANHOLE

* NOTE: A 1'-6" concrete cone may be used if approved by the Engineer.

NOTES: 1. Drop manhole shall be used where the difference in invert elevations of the manhole exceeds 24". 2. Refer to Sanitary Sewer Manhole Detail for additional notes. 3. Drop pipe may be either A.B.S. or V.C.P.



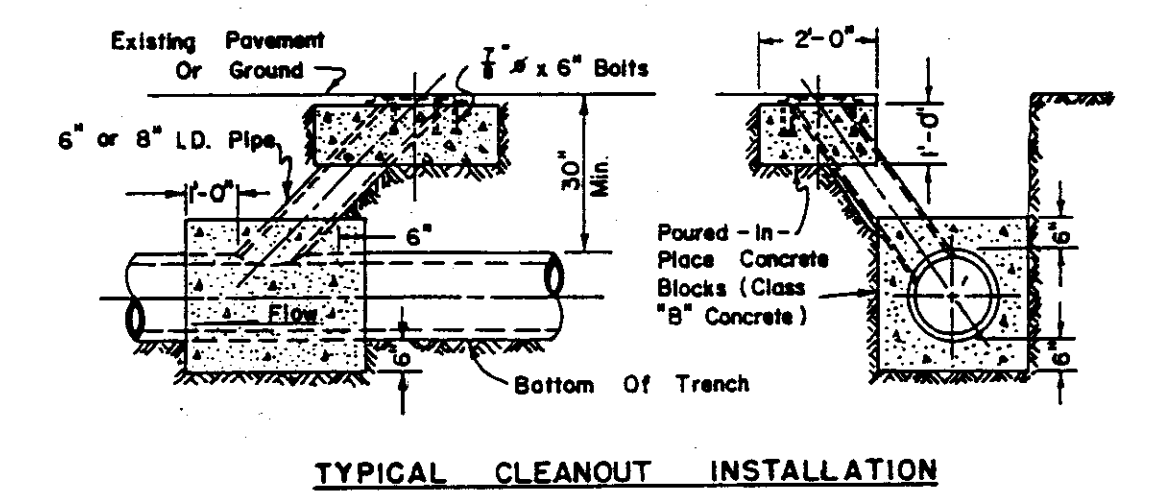
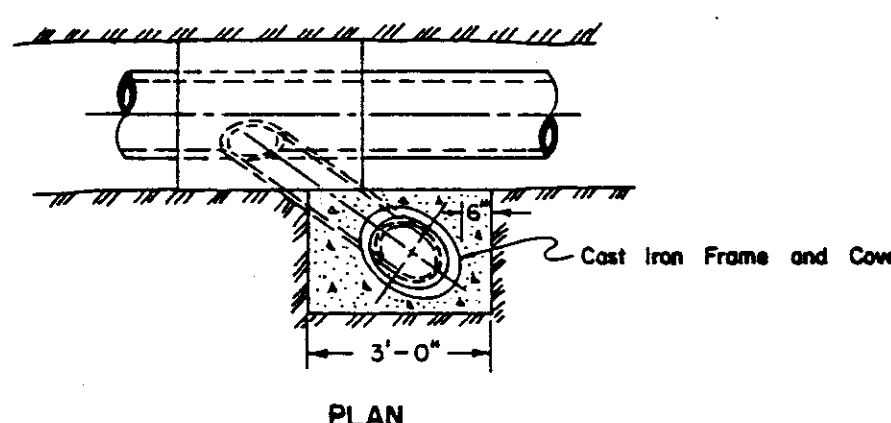
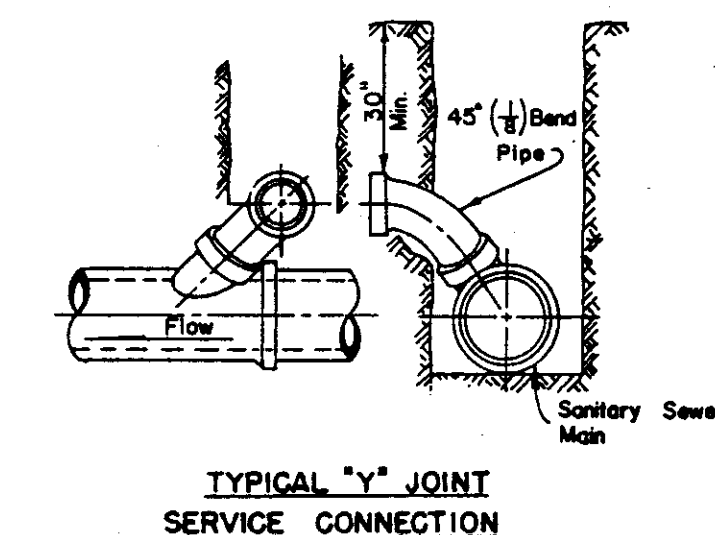
SANITARY SEWER DROP MANHOLE



SECTION A-A
PIPES LARGER THAN 36" DIA.

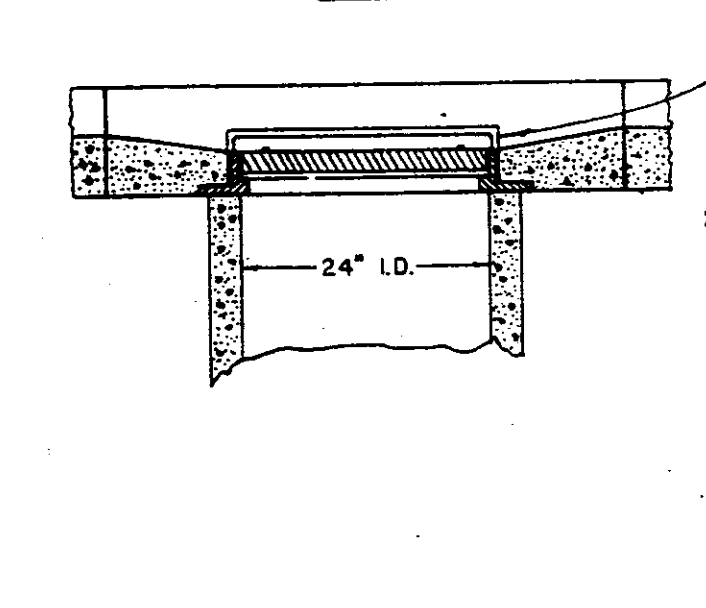
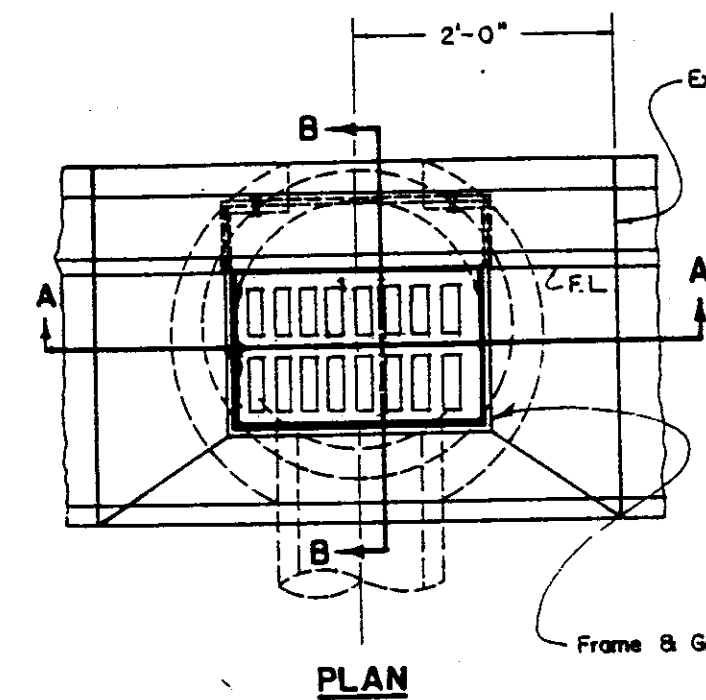
NOTES: 1. The foundation shall be a minimum of 5' for 44" O.D. pipe and smaller. 2. For pipe larger than 44" O.D., the foundation shall extend a minimum of 8" beyond each side of the pipe. 3. Opening to be 3' long x (I.D. of pipe) wide, up to 36" I.D. pipe. For pipes larger than 36" I.D., opening to be 36" Diameter or Square.

SADDLE-TYPE MANHOLE
FOR PIPE 24" DIA. AND LARGER



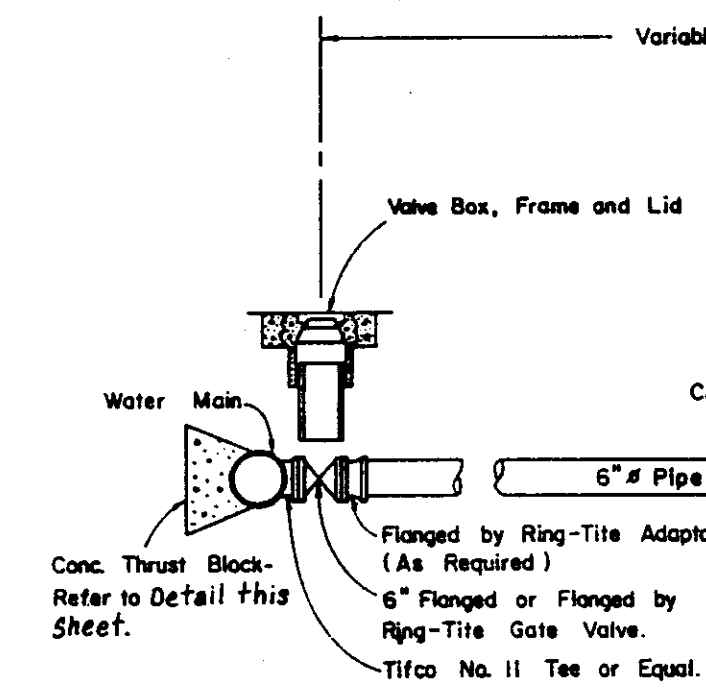
TYPICAL CLEANOUT INSTALLATION

10-11-89 Rgr
These "RECORD DRAWINGS" have been prepared in part on the basis of information furnished and furnished by others. The Engineer will not be responsible for any errors or omissions which have been incorporated into this drawing as a result.



SECTION A-A

STANDARD STORM DRAIN INLET (CATCH BASIN)



SECTION A-A

SECTION B-B

SECTION C-C

SECTION D-D

SECTION E-E

SECTION F-F

SECTION G-G

SECTION H-H

SECTION I-I

SECTION J-J

SECTION K-K

SECTION L-L

SECTION M-M

SECTION N-N

SECTION O-O

SECTION P-P

SECTION Q-Q

SECTION R-R

SECTION S-S

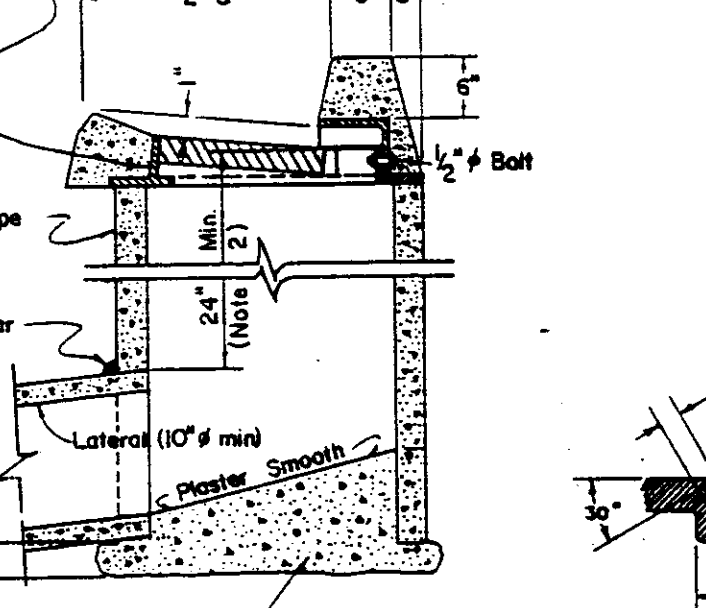
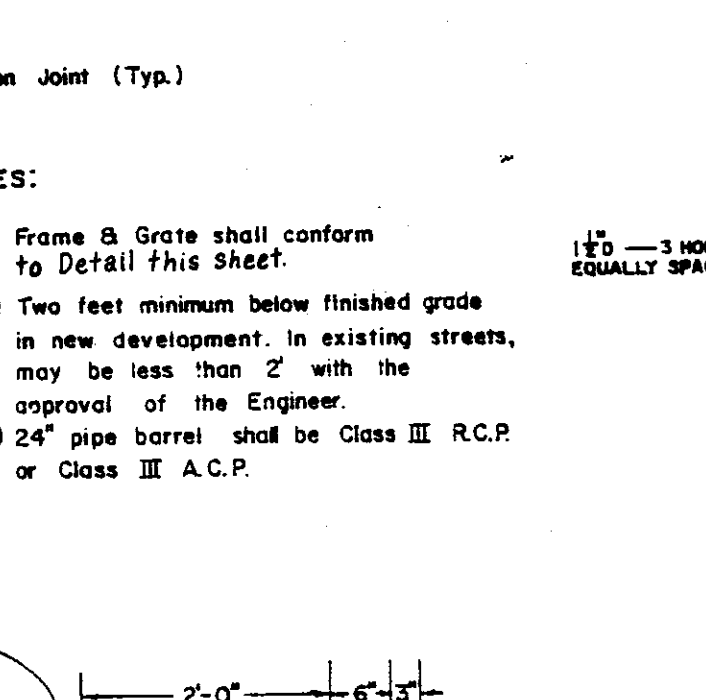
SECTION T-T

SECTION U-U

SECTION V-V

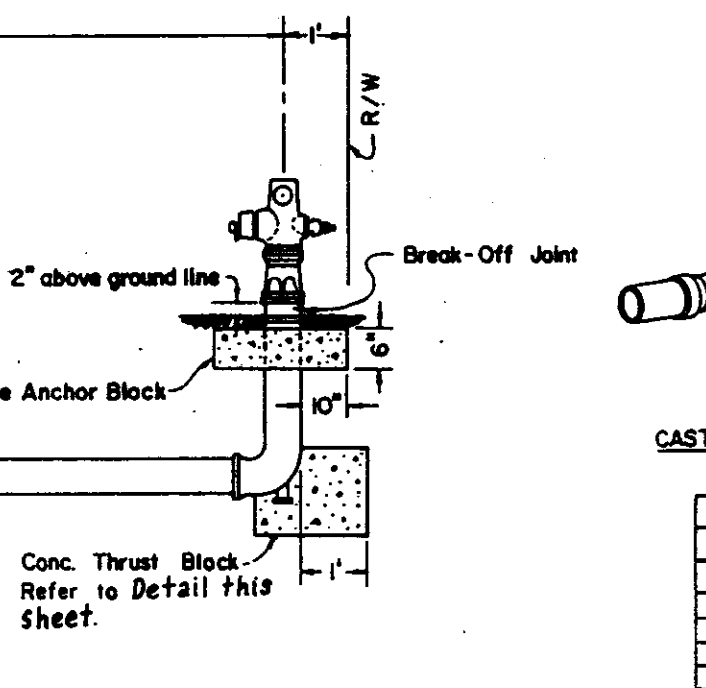
SECTION W-W

SECTION X-X



SECTION A-A

STANDARD STORM DRAIN INLET (CATCH BASIN)



SECTION A-A

SECTION B-B

SECTION C-C

SECTION D-D

SECTION E-E

SECTION F-F

SECTION G-G

SECTION H-H

SECTION I-I

SECTION J-J

SECTION K-K

SECTION L-L

SECTION M-M

SECTION N-N

SECTION O-O

SECTION P-P

SECTION Q-Q

SECTION R-R

SECTION S-S

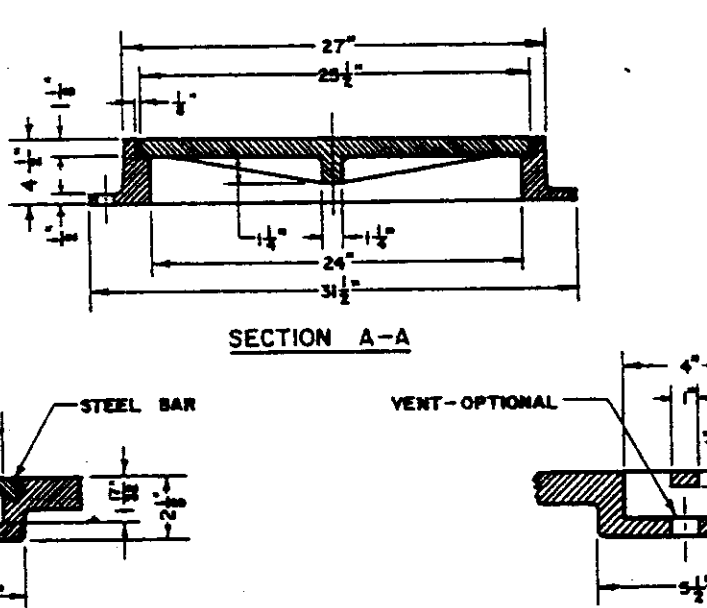
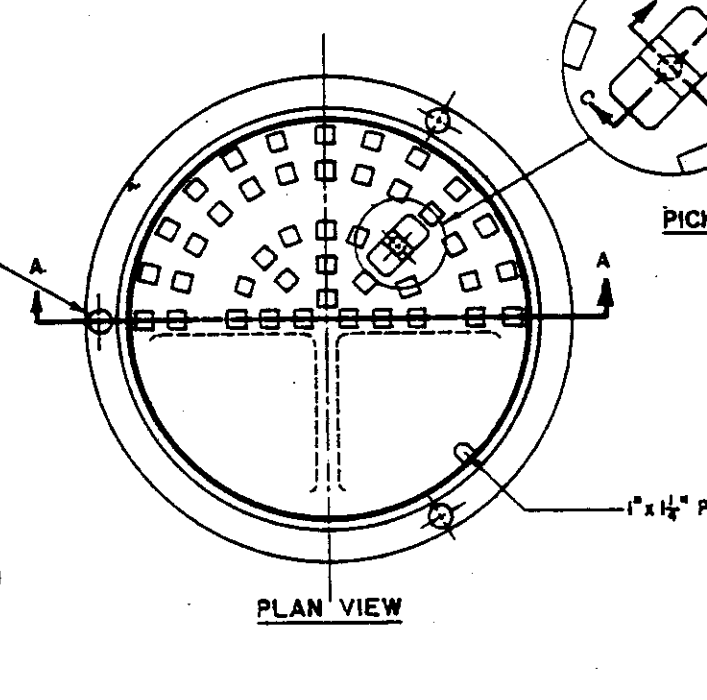
SECTION T-T

SECTION U-U

SECTION V-V

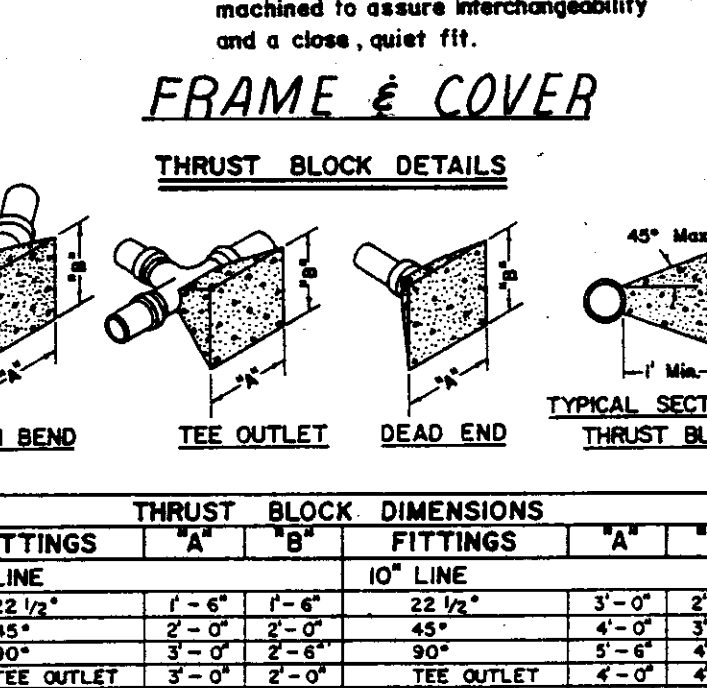
SECTION W-W

SECTION X-X



SECTION A-A

STANDARD STORM DRAIN INLET (CATCH BASIN)



SECTION A-A

SECTION B-B

SECTION C-C

SECTION D-D

SECTION E-E

SECTION F-F

SECTION G-G

SECTION H-H

SECTION I-I

SECTION J-J

SECTION K-K

SECTION L-L

SECTION M-M

SECTION N-N

SECTION O-O

SECTION P-P

SECTION Q-Q

SECTION R-R

SECTION S-S

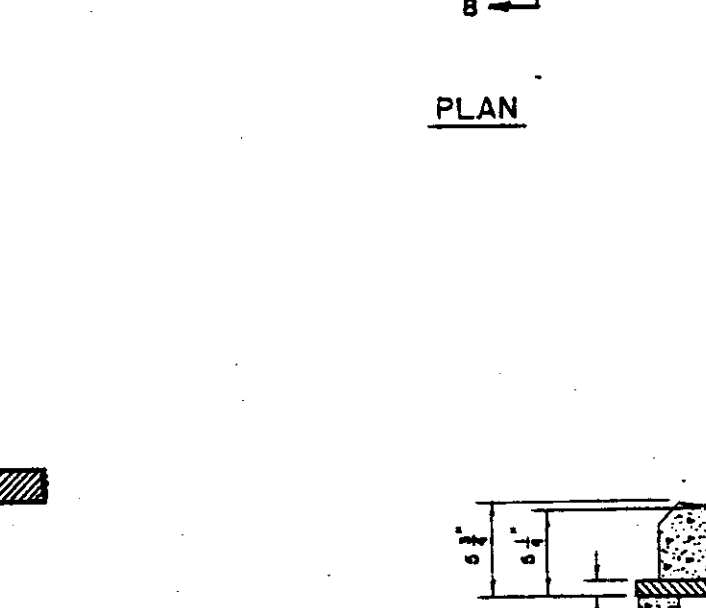
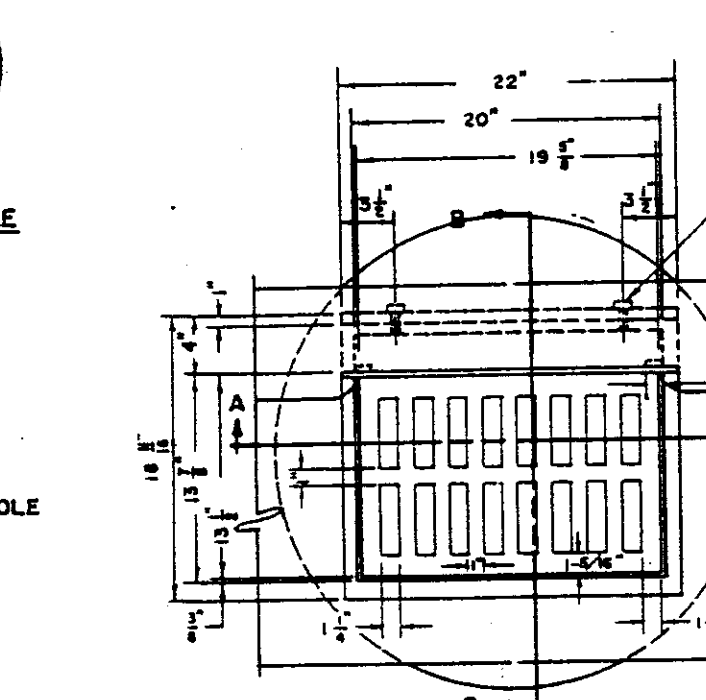
SECTION T-T

SECTION U-U

SECTION V-V

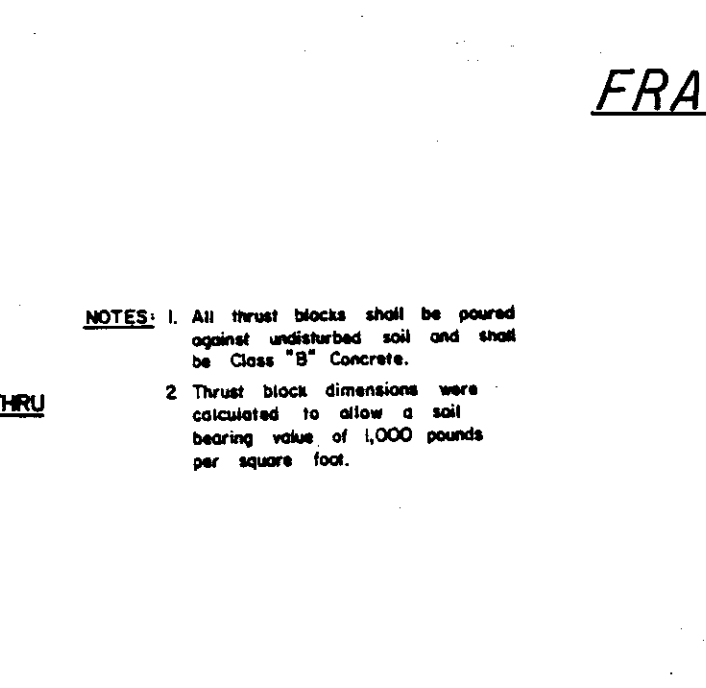
SECTION W-W

SECTION X-X



SECTION A-A

STANDARD STORM DRAIN INLET (CATCH BASIN)



SECTION A-A

SECTION B-B

SECTION C-C

SECTION D-D

SECTION E-E

SECTION F-F

SECTION G-G

SECTION H-H

SECTION I-I

SECTION J-J

SECTION K-K

SECTION L-L

SECTION M-M

SECTION N-N

SECTION O-O

SECTION P-P

SECTION Q-Q

SECTION R-R

SECTION S-S

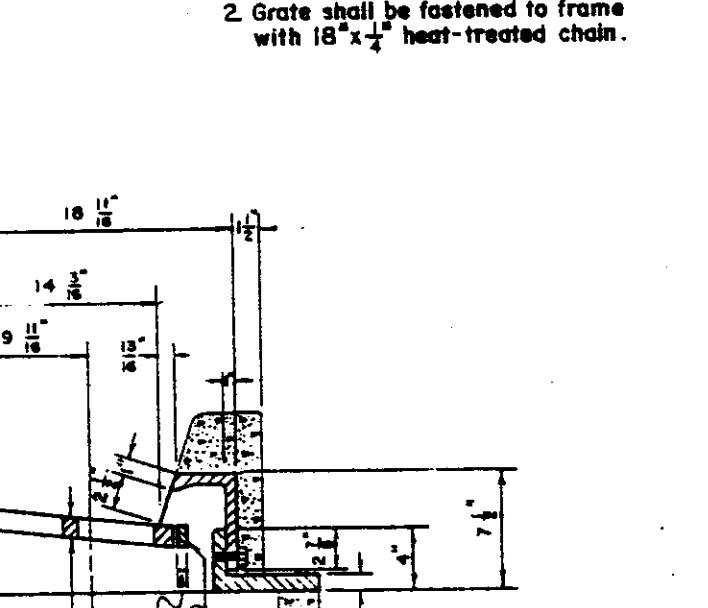
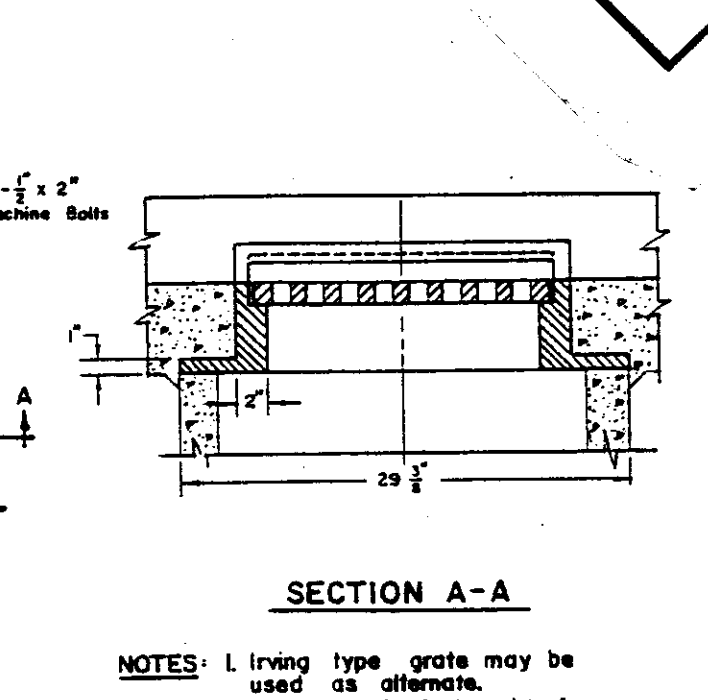
SECTION T-T

SECTION U-U

SECTION V-V

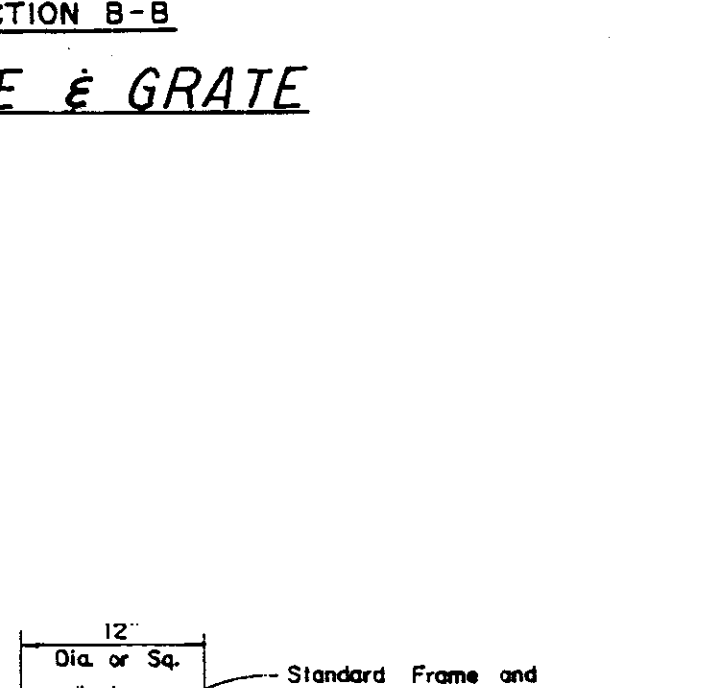
SECTION W-W

SECTION X-X



SECTION A-A

STANDARD STORM DRAIN INLET (CATCH BASIN)



SECTION A-A

SECTION B-B

SECTION C-C

SECTION D-D

SECTION E-E

SECTION F-F

SECTION G-G

SECTION H-H

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SECTION K-K

SECTION L-L

SECTION M-M

SECTION N-N

SECTION O-O

SECTION P-P

SECTION Q-Q

SECTION R-R

SECTION S-S

SECTION T-T

SECTION U-U

SECTION V-V

SECTION W-W

SECTION X-X

ITCNS

CHAS. H. BLOOM CO.
GENERAL CONTRACTORS
STOCKTON, CALIFORNIA

COUNTY OF SAN JOAQUIN
DEPARTMENT OF PUBLIC WORKS

APPROVED _____ DATE _____

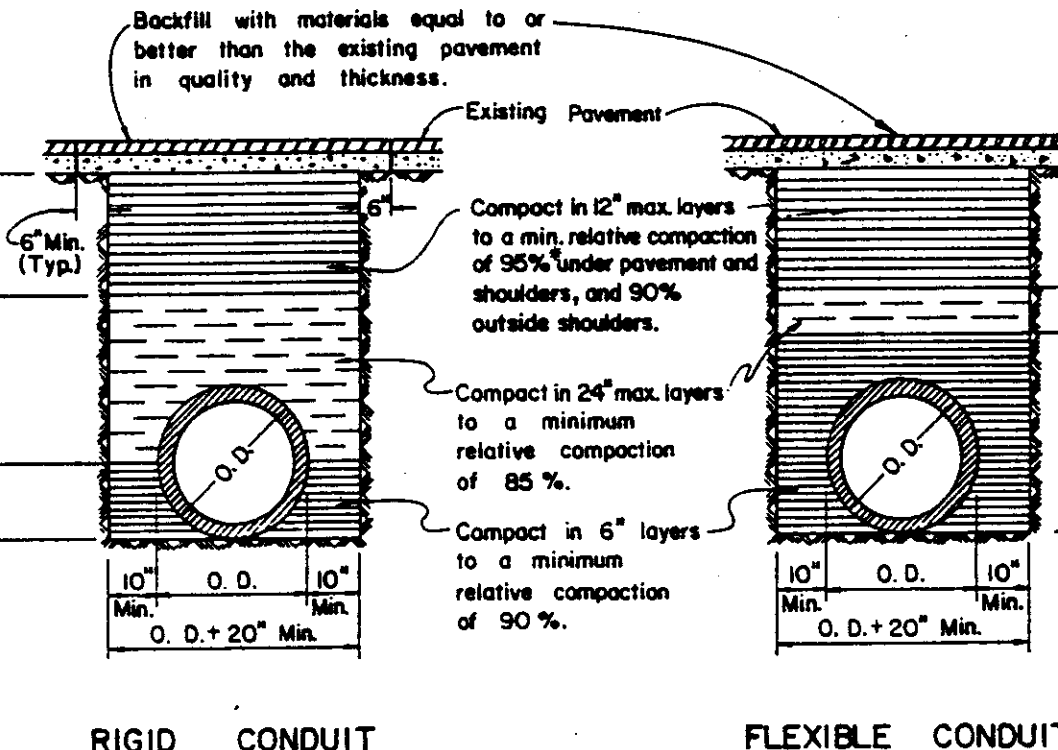
DIRECTOR OF PUBLIC WORKS

APPROVED REVISION _____

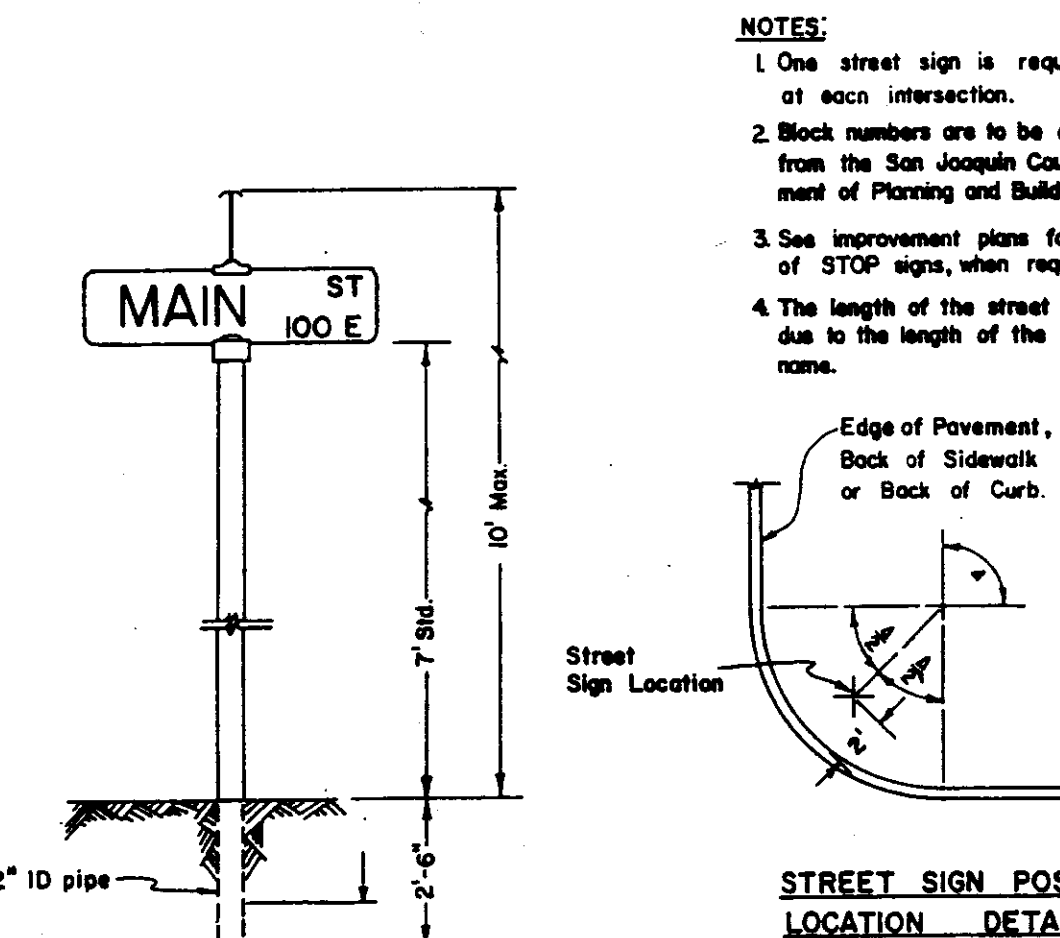
ROBERT G. CULLEN
No. 17351
Exp. 6-30-89
CIVIL
STATE OF CALIFORNIA

TYPICAL TRENCH BACKFILL

NOTES: 1. Relative compaction of materials shall be tested by the State of California, Dept. of Transportation Testing Manual, test method No. California 216 or 231. 2. All existing pavement shall be neatly cut to line prior to trench excavation. 3. Jetting or ponding will be permitted within the street Right of Way with 3 year bond. 4. When shown by soil composition and compaction, ninety percent (90%) compaction may be used, when approved by the Director of Public Works.



TYPICAL TRENCH BACKFILL



TYPICAL STREET SIGN INSTALLATION

STANDARD STREET SIGN DETAILS

INLAND INVESTMENT CO./CERGRO LTD. II

WILCOX ROAD
DETAIL SHEET

2-B
10
G 3574

80-2122

CHAS. H. BLOOM CO.
GENERAL CONTRACTORS
STOCKTON, CALIFORNIA

COUNTY OF SAN JOAQUIN DEPARTMENT OF PUBLIC WORKS			
APPROVED	DATE	R.C.E. NO.	
DIRECTOR OF PUBLIC WORKS			
APPROVED REVISION			



Robert G. Column

17351

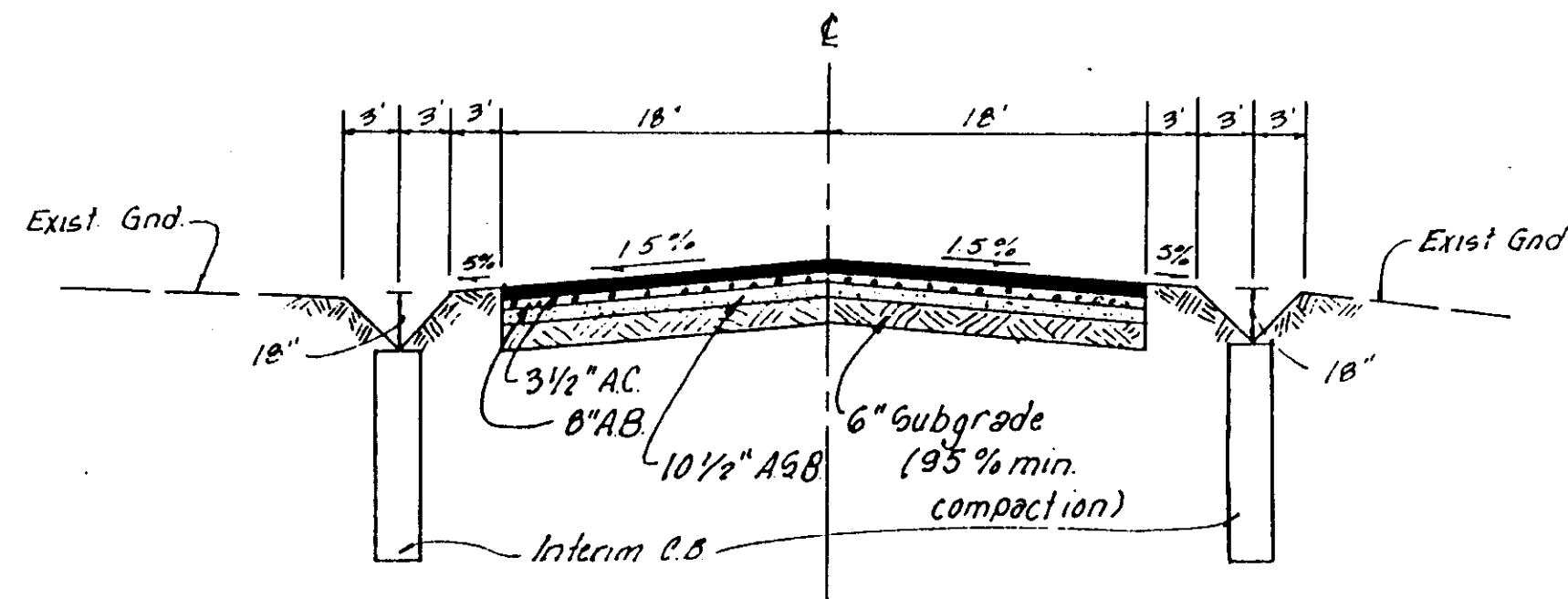
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602
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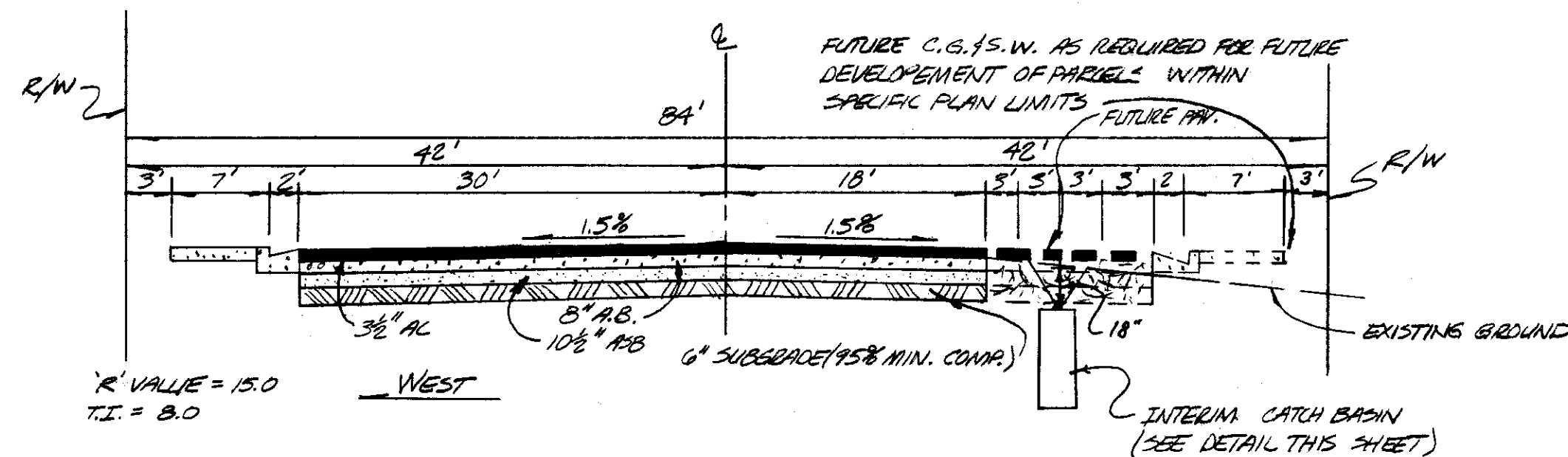
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**WILCOX ROAD
DETAIL SHEET**

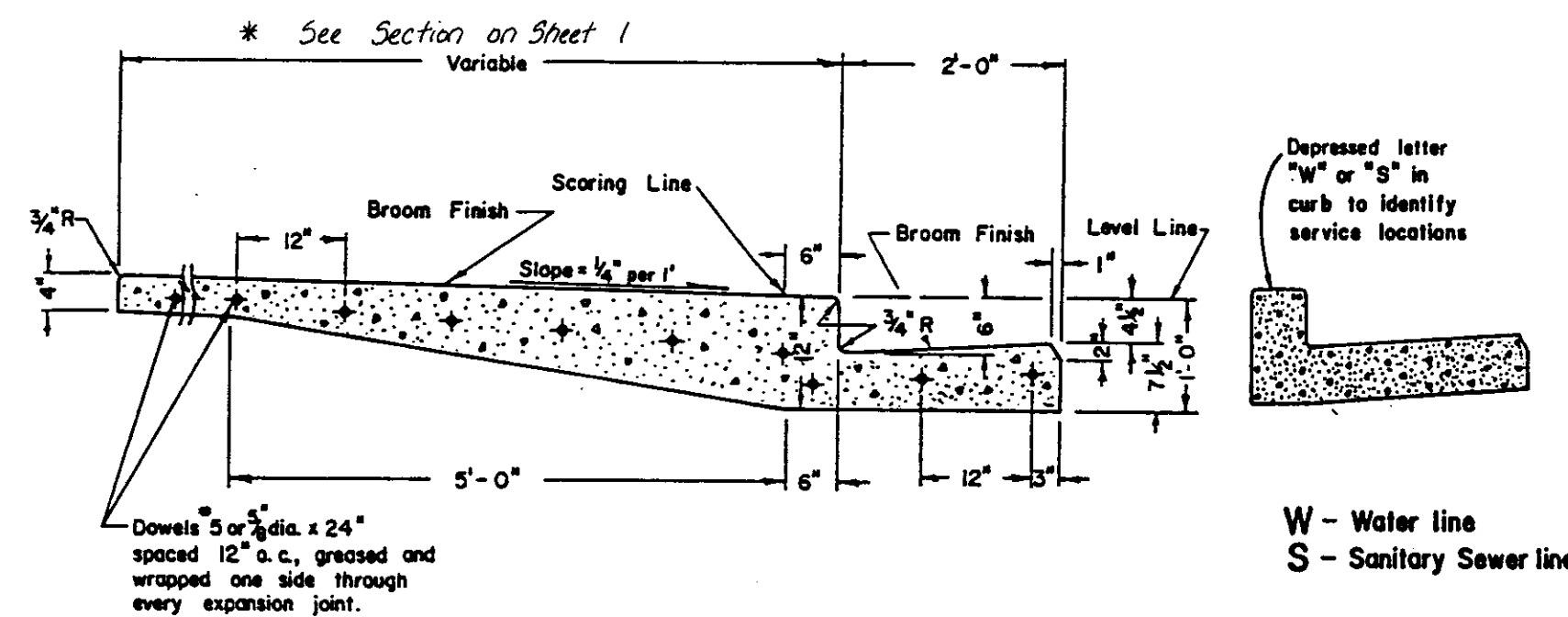
2-A
10
G-3574



ALTERNATE STREET SECTION-17+53 thru 22+03
No Scale

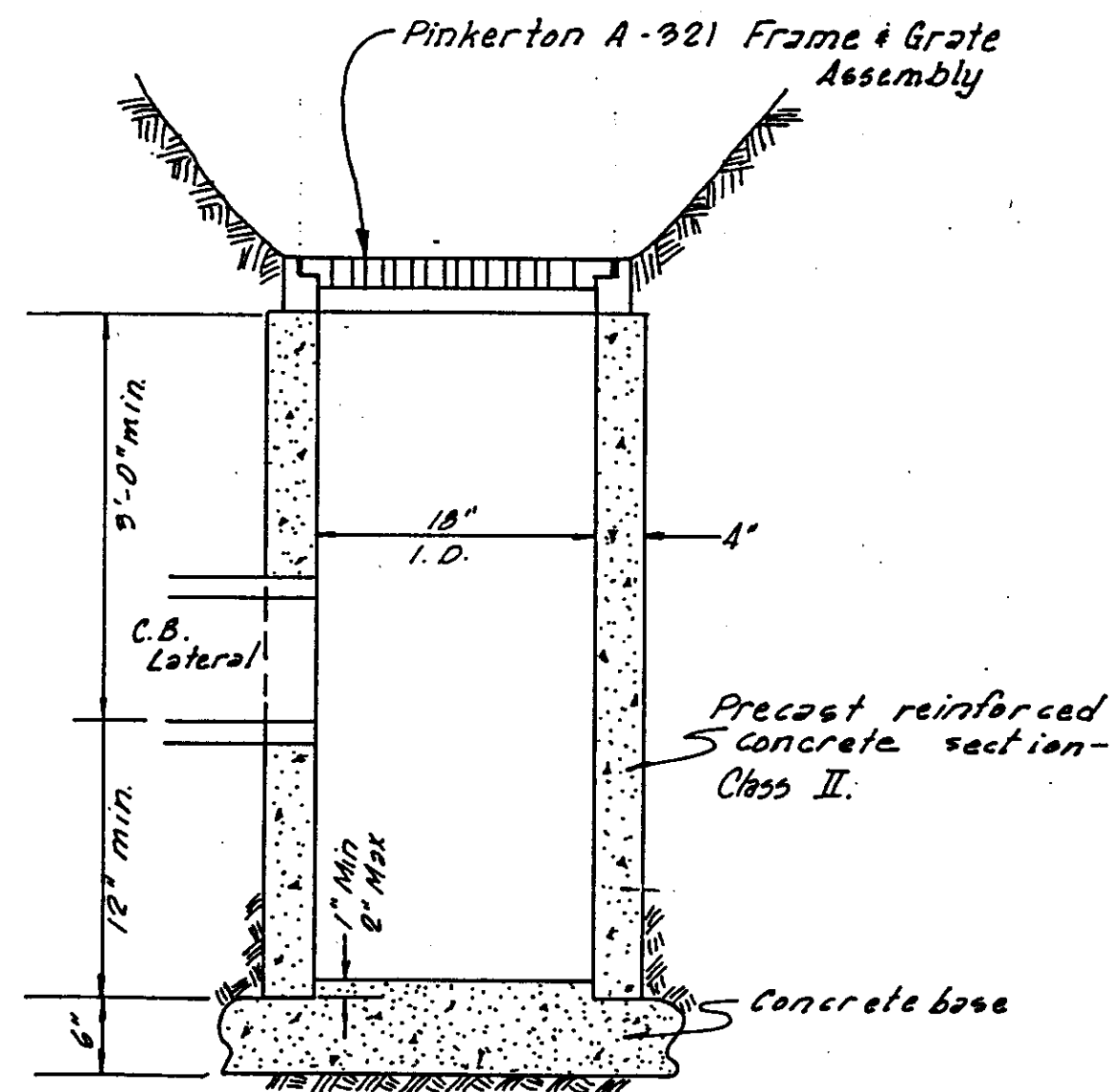


ALTERNATE STREET SECTION 8+73 thru 17+53
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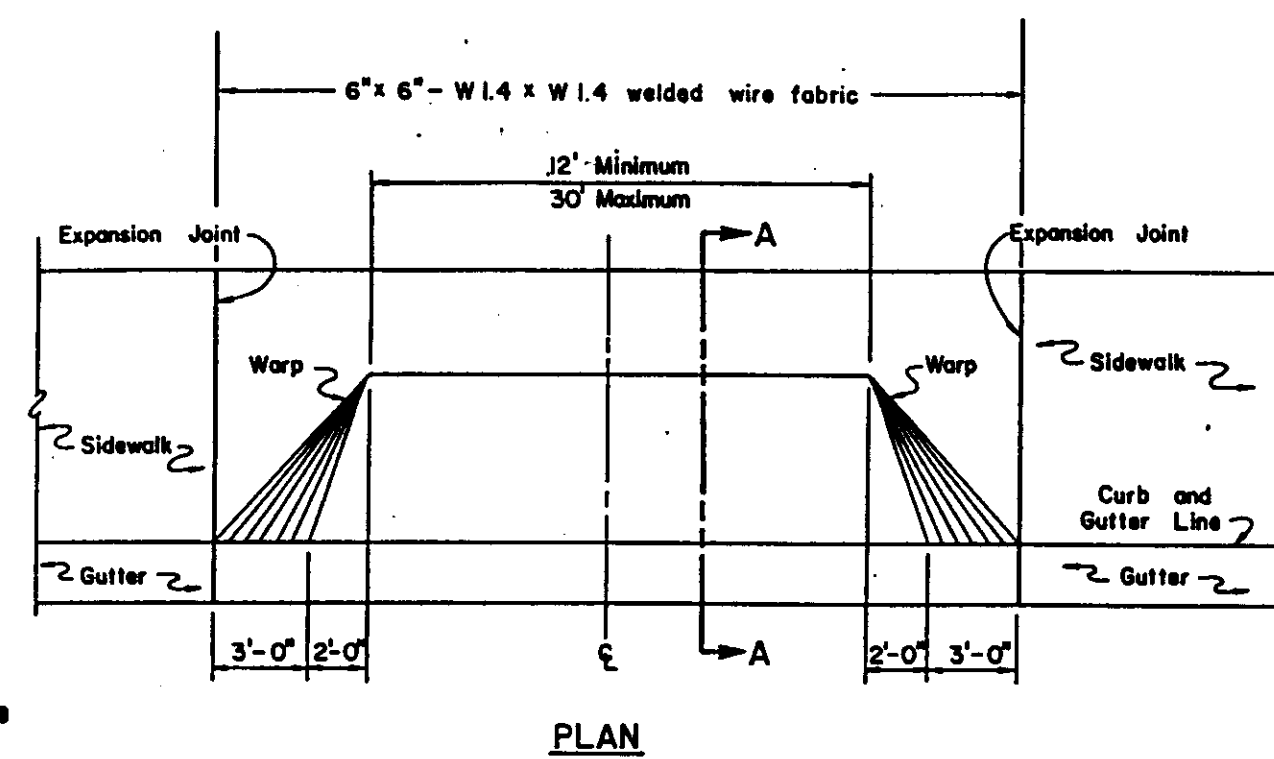


- NOTES:
- Construct expansion joints @ 200' maximum and at returns, around light poles, hydrants and other fixed objects at sidewalk.
 - Transverse weakened plane joints shall be spaced @ 12' maximum intervals.

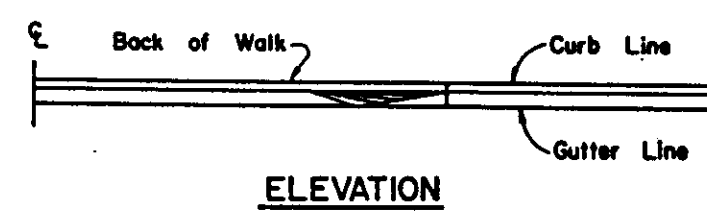
MONOLITHIC CURB, GUTTER,
& SIDEWALK



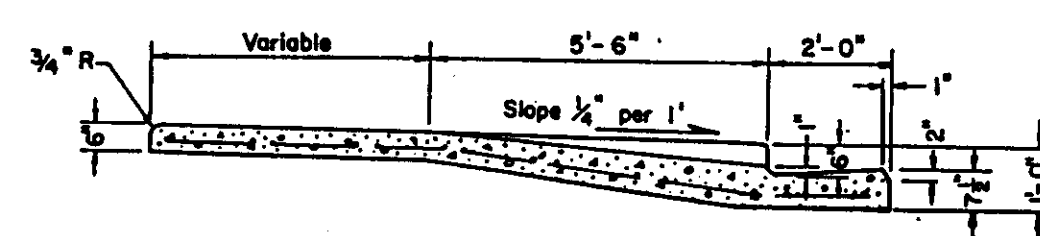
INTERIM CATCH BASIN
DETAIL
N.T.S.



PLAN

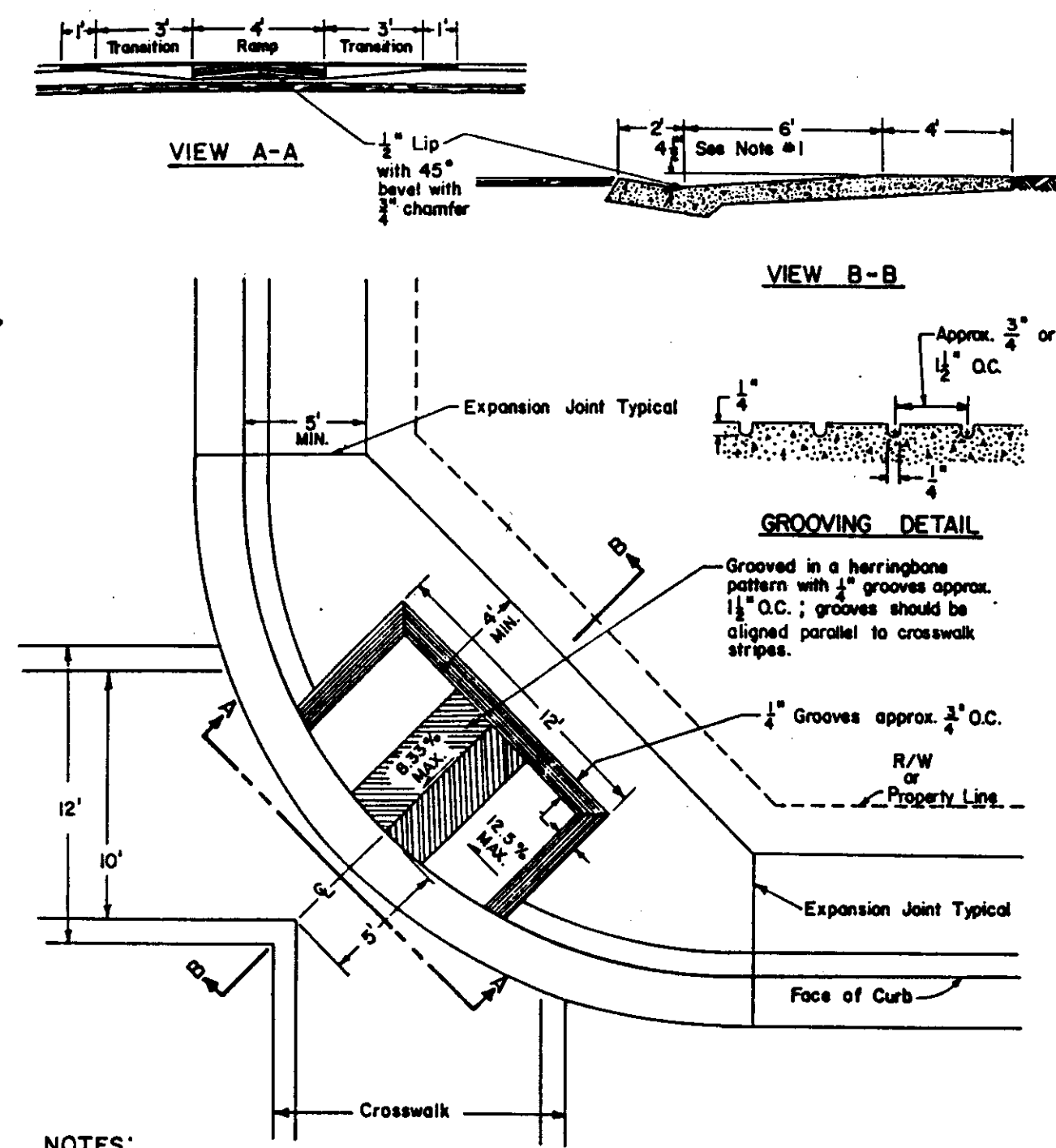


ELEVATION



SECTION A-A

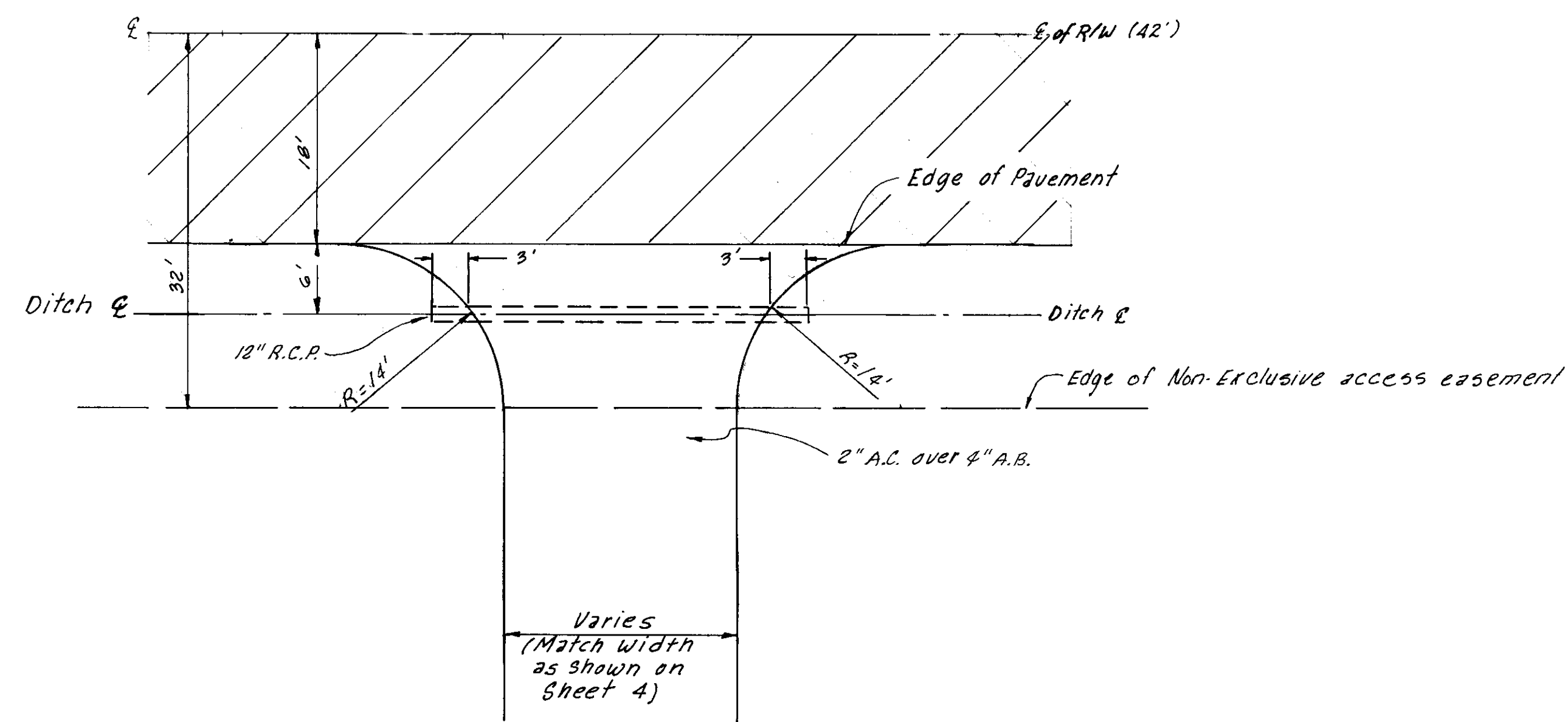
TYPICAL COMMERCIAL &
INDUSTRIAL DRIVEWAY



NOTES:

- 6" Ramp for 4 1/2" curb height and 2% sidewalk slope. For 6" curb height either use 6" ramp or transition curb height to 4 1/2" from expansion joint to beginning of ramp.
- Catch basins and other obstructions are not to be located within the wheelchair path area.
- See Standard B-4, B-5, or B-6 for Curb, Gutter & Sidewalk Details; and State Standard Plan N8-B for other details.

WHEELCHAIR RAMP



INTERIM DRIVEWAY DETAIL
SCALE 1"=10'

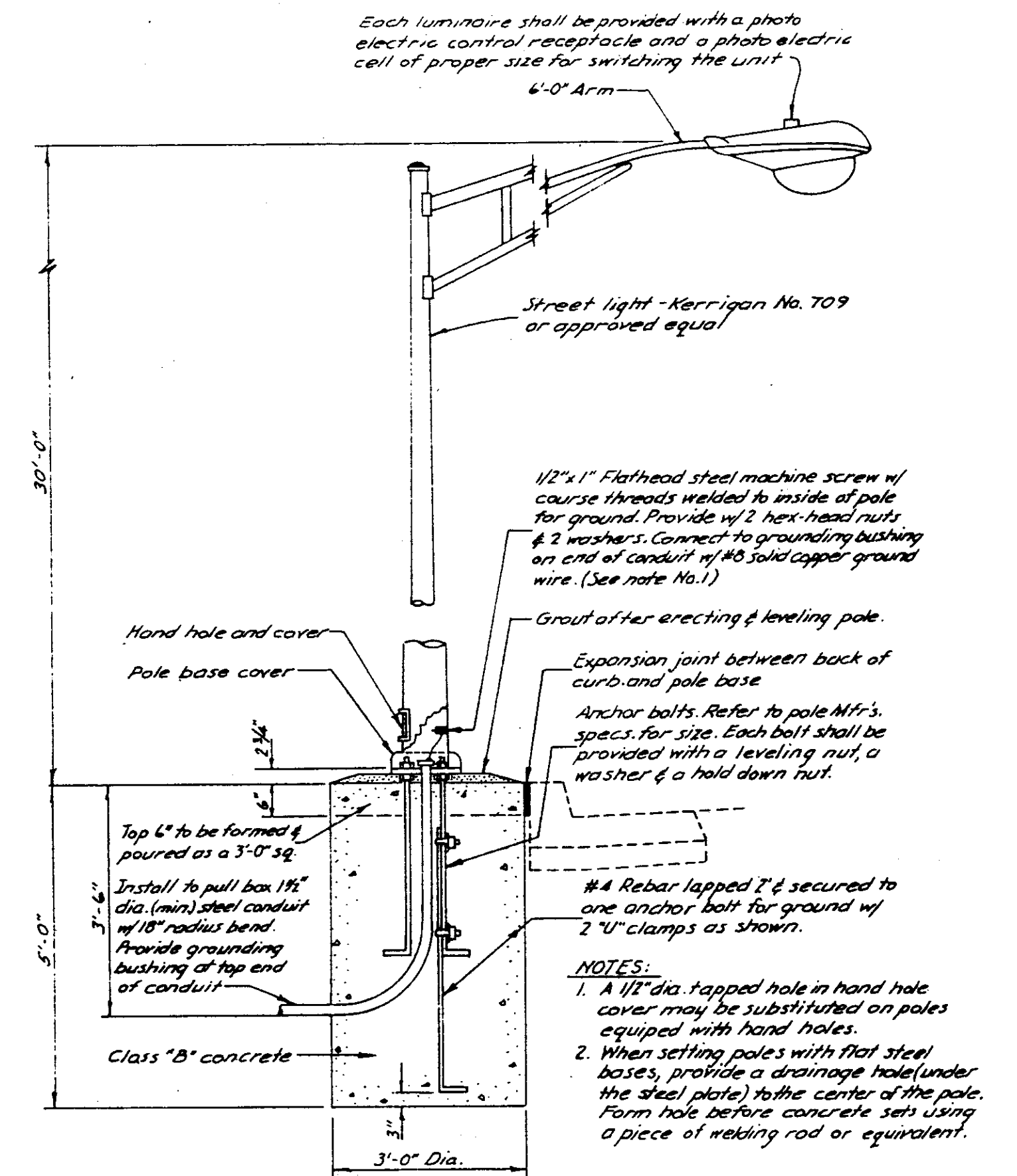
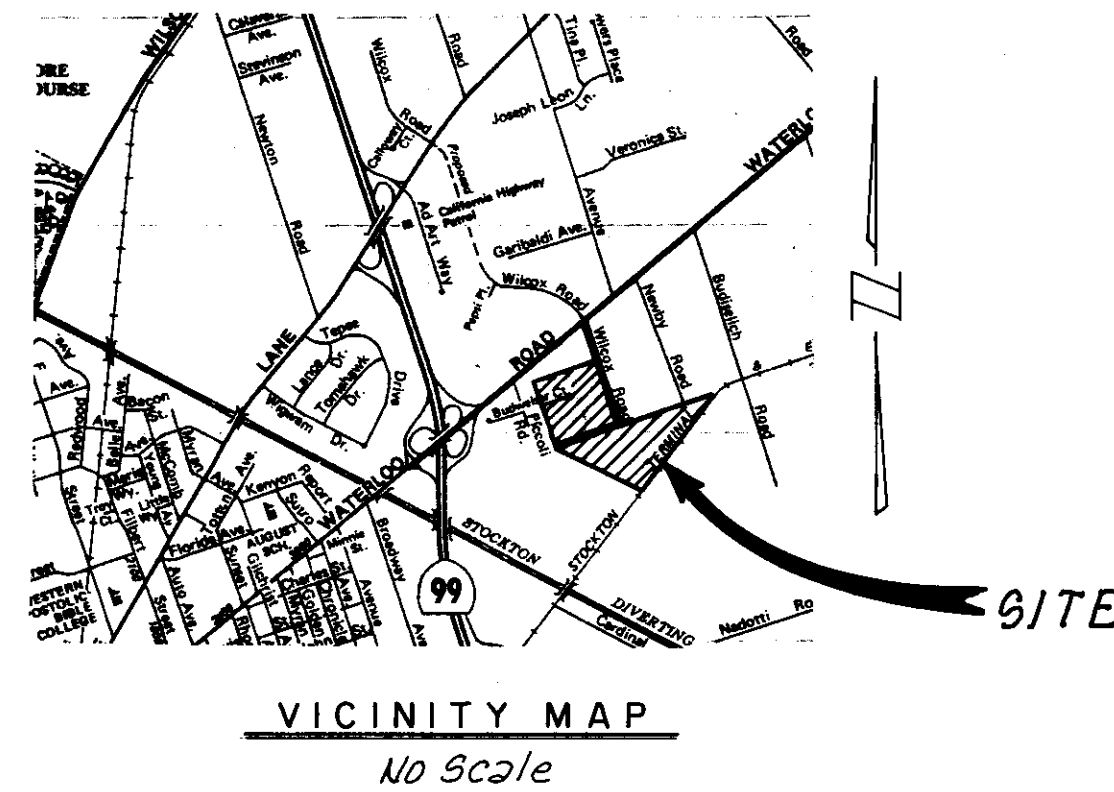
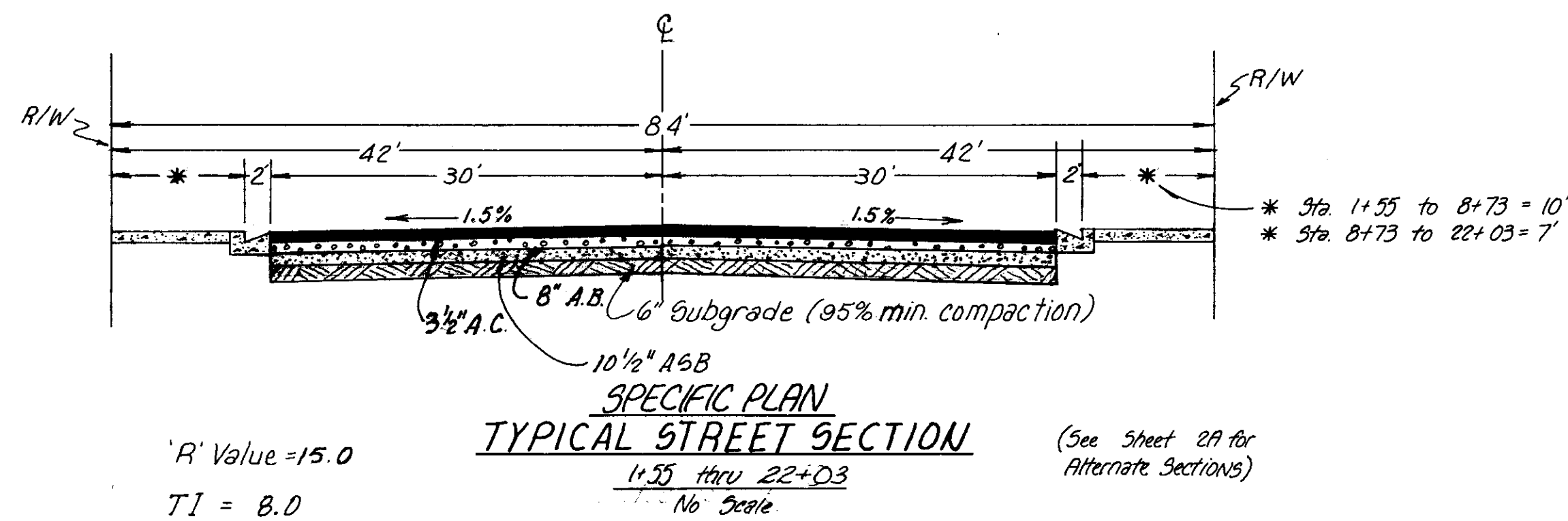
NOTES

- Elevations are referred to U.S.G.S. Datum. See Sheet No. 3 for location of Bench Mark.

WILCOX ROAD IMPROVEMENTS

R.W. SIEGFRIED & ASSOCIATES
STOCKTON, CALIFORNIA

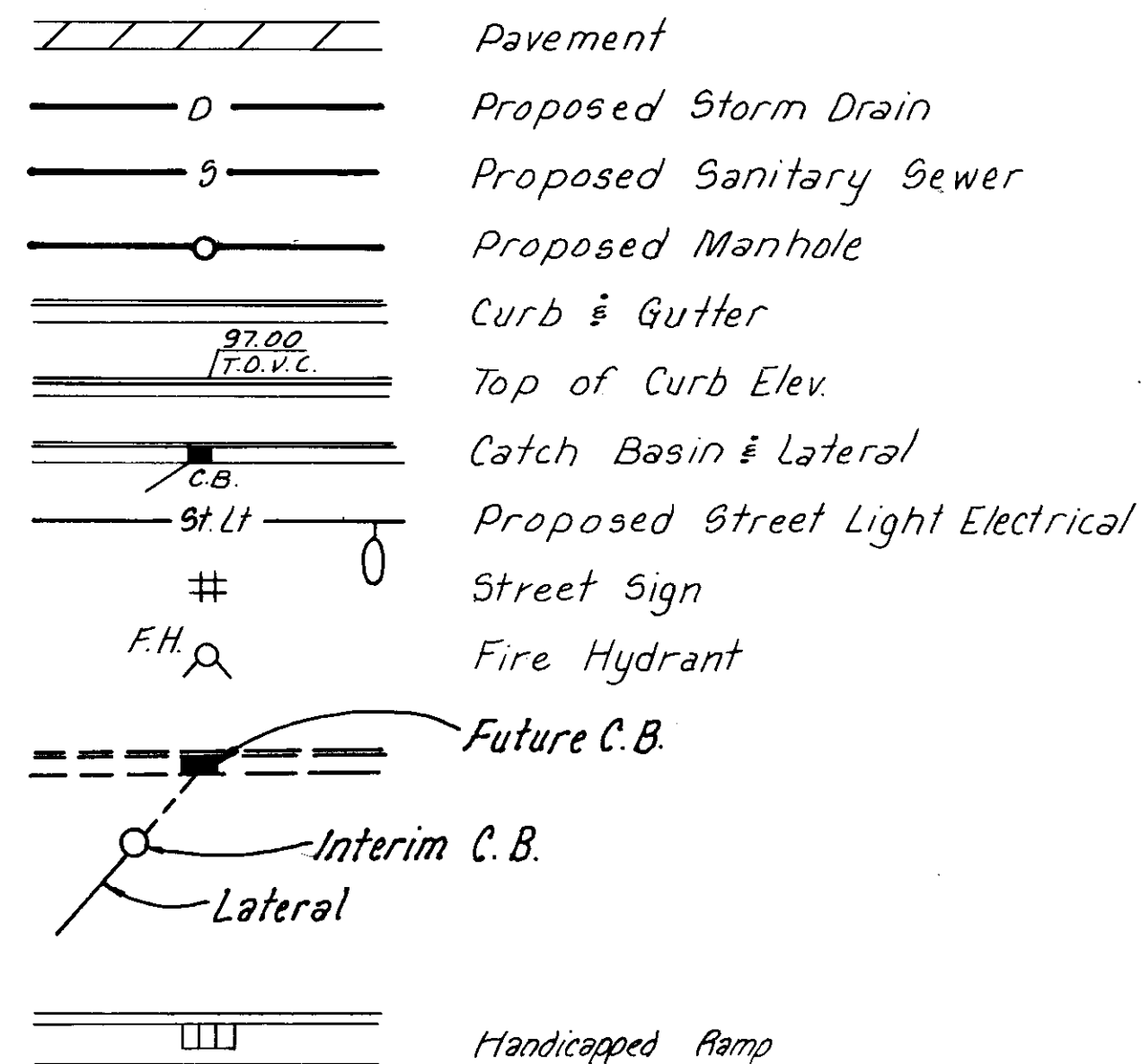
CIVIL ENGINEERS
AUGUST 1988



STREET LIGHT DETAIL

Not to Scale
Note: Street Light Construction shall be performed in accordance with P.G. & E. Co. requirements.

LEGEND

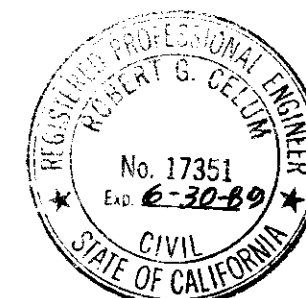


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2A & 2B	Detail Sheets
3	Wilcox Road Sta. 1+80 to Sta. 10+80 Plan & Profile
4	Wilcox Road Sta. 10+80 to Sta. 22+00 Plan & Profile
5	Storm Drain Sta. 0+00 West
6	Storm Drain Pump Station
7	Storm Drain Pump Plant Details
8	Storm Drain Pump Plant Details
9	Detail Sheet
10	Electrical Details

ABBREVIATIONS

P.L.	Property Line
F.L.	Flowline
C.L.	Center Line
E.C.	End Curve
B.C.	Begin Curve
C.B.	Storm Drain Inlet (Catch Basin)
M.H.	Manhole
F.H.	Fire Hydrant
C & G.	Curb & Gutter
A.C.P.	Asbestos Cement Pipe
S.S.	Sanitary Sewer (Vitrified Clay Pipe ABS or PVC Pipe - see Detailed Specifications)
S.D.	Storm Drain (Reinforced Conc. Pipe - Class III or Cast-in-Place Conc. Pipe - see Detailed Specifications)
P.U.E.	Public Utility Easement
Hi. Pt.	High Point
Lo. Pt.	Low Point
P.R.C.	Point of Reverse Curve
P.C.C.	Point of Compound Curve
S.W.	Sidewalk



"These 'RECORD DRAWINGS' have been prepared in part on the basis of information furnished by others. The Engineer and his firm are not responsible for any errors or omissions which have been incorporated into this document as a result."

10-11-89
R/S

CHAS. H. BLOOM CO.
GENERAL CONTRACTORS
STOCKTON, CALIFORNIA

COUNTY OF SAN JOAQUIN DEPARTMENT OF PUBLIC WORKS	
APPROVED	DATE 7/8/89
R.C.E. NO. 28054	
APPROVED REVISION	

Robert B. Schum

17351

6-30-89

6012
Aug. 88
587
JPB, BAC
R.G.C.

INLAND INVESTMENT CO./CERGRO LTD. II

WILCOX ROAD
TITLE SHEET

10
G-3574

10-14-88

SU-2123