

RESOURCE LIST

GAS CO:
KANSAS GAS & ELECTRIC
JIM STULTZ, P.E.
1021 EAST 26TH STREET NORTH
WICHITA, KANSAS 67219
PH: (316) 832-3122

ELECTRIC:
KG&E (WESTAR ENERGY)
SHANE PRICE
1900 E. CENTRAL
WICHITA, KANSAS 67201
PH: (316) 261-0865

SANITARY SEWER:
CITY OF WICHITA ENGINEERING
VICKY HUANG, P.E.
435 N. MAIN (7TH FLOOR)
WICHITA, KANSAS 67202
PH: (316) 268-4235

WATER:
CITY OF WICHITA WATER & SEWER DEPT
SILL PERKINS
455 N. MAIN (8th FLOOR)
WICHITA, KANSAS 67202
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CITY OF WICHITA ENGINEERING:
JULIANNE KALLMAN, P.E.
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TELEPHONE:
SWBT
GREG SHARPE
154 NORTH BROADWAY, ROOM 460
WICHITA, KANSAS 67202
PH: (316) 268-2245

SHEET INDEX

- ST-1 TITLE SHEET
- ST-2 STORM SEWER PLAN & PROFILE ~ LINE "A"
- ST-3 STORM SEWER PLAN & PROFILE ~ LINES "A1" & "A2"
- ST-4 STORM SEWER PLAN & PROFILE ~ LINES "B", "C" & "D"
- ST-5 STORM SEWER PLAN & PROFILE ~ LINES "E" & "F"
- ST-6 - ST-9 MISCELLANEOUS STORM SEWER DETAILS

STORM SEWER TO SERVE

WAL*MART

SUPERCENTER #1099-01

PRIVATE PROJECT NUMBER 1361PPS (607861)

CITY OF WICHITA, KANSAS

NEIL D CABLE, P.E. CITY ENGINEER

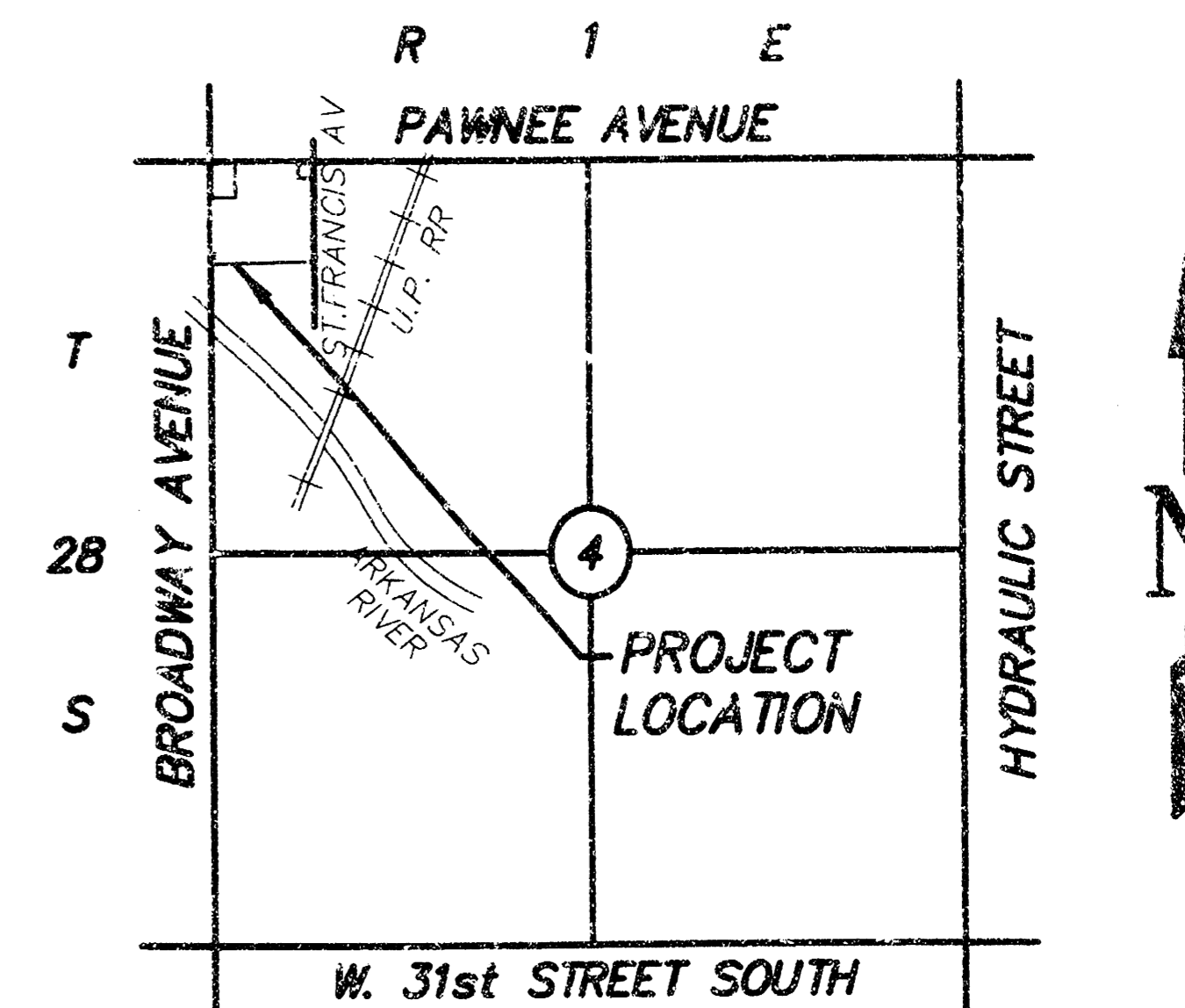
MONTH 2003

Legal Description

A tract of land lying in the Northwest Quarter (NW/4) of Section Four (4), Township Twenty-eight (28) South, Range One (1) East of the 6th P.M., also being a part of the recorded plat of KINKAID PARK, an addition to Wichita, Sedgwick County, Kansas, being more particularly described as follows:
Lot Two (2), Block A, KINKAID PARK, an addition to Wichita, Sedgwick County, Kansas.
Said tract contains a mathematical error of closure of 1:94,592,190.
Said tract contains 1,180,290 square feet or 27.0957 acres more or less.

General Notes

1. Contractor will be required to provide a minimum notice of 48 hours to utility companies prior to starting any excavation as follows:
Kansas One-Call 687-2470
The Contractor must notify the following in case of an emergency:
Cox Communications 262-0861
Kansas Gas Service Company 383-8900
Kansas Gas & Electric Company 383-8600
 Peoples Gas Company 1-800-303-0357
Southwestern Bell Telephone Company 1-800-670-6390
City of Wichita Water Department 268-4909
City of Wichita Sewer Department 268-4071
2. The Contractor shall give all property owners and/or tenants of developed property directly abutting the construction of this project a minimum of ten(10) days advanced notice prior to start of construction.
3. The Contractor shall be responsible for preserving property lines. The Contractor will be required to re-establish any property lines which are damaged or destroyed by his construction operations. Such lines shall be re-established by a licensed land surveyor in accordance with state laws.
4. The Contractor shall sand and fertilize all disturbed turf areas upon completion of construction.
5. Traffic will not be affected by construction of this project.
6. Polyvinyl Chloride Pipe (PVC) installed on this project shall conform to the City of Wichita Standard Specifications for Sewer Line Construction. The PVC pipe shall be noted for 20'-26". All PVC pipe shall be installed in accordance with the manufacturer's recommendations. Manhole gaskets around the pipe shall be installed in all manhole walls.
7. Reinforced Concrete Pipe (RCP) installed on this project shall conform to the City of Wichita Standard Specifications for Sewer Line Construction. RCP pipe for storm sewer shall be Class III pipe. Joints shall be tongue and groove. Joints sealed with white flexible plastic gaskets or cement mortar.
8. Storm sewer Contractor shall conform with roof drain contractor the size, location and pipe material of roof drain pipes into manholes prior to manhole construction. Storm sewer Contractor shall plug drain connectors into manhole since roof drains shall be installed by drain contractor.



LOCATION MAP NOT TO SCALE

AS-BUILT - SEPT. 2004

TITLE SHEET	
PRIVATE PROJECT NO. 1361PPS (607861)	
PAWNEE AVENUE & BROADWAY AVENUE SUPERCENTER #1099-01	
CITY OF WICHITA SEDGWICK COUNTY, KANSAS	
SPEAR & McCALEB CO., P.C. 815 West Main - Oklahoma City, OK 73106 PH: 405-232-7715 Fax: 405-232-7859	
SMC	
KANSAS CERTIFICATE OF AUTHORIZATION NO. E-335 EXP. DEC. 2004	
No. Revision	By Date
1 078 P/E	KST 7/23/03
2 CHANGES PER CITY COMMENTS	KST 8/04/03
DATE: 07/15/03	SCALE:
DRAWN BY: KST	N.T.S.
PROJECT NO.: 3800	SHEET NO.
ENGINEER: TERENCE L. HAYNES, P.E. #14583	ST-1

APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA

Sanitary Sewer _____

Storm Sewer URH 8/22/03

Driveway Approaches _____

Water Mains _____

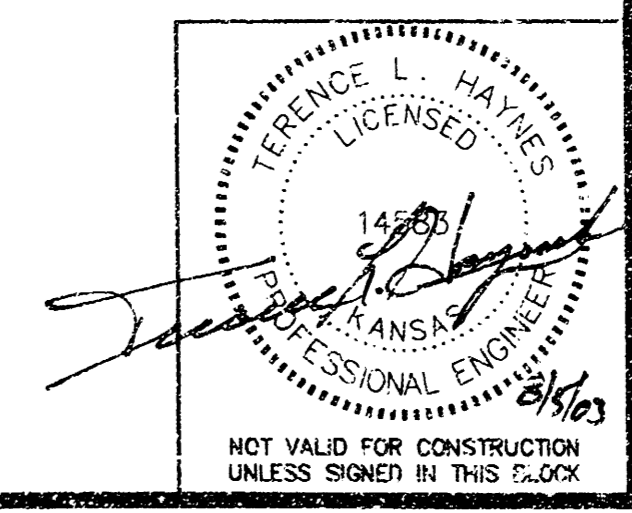
Paving _____

NOTE TO CONTRACTORS

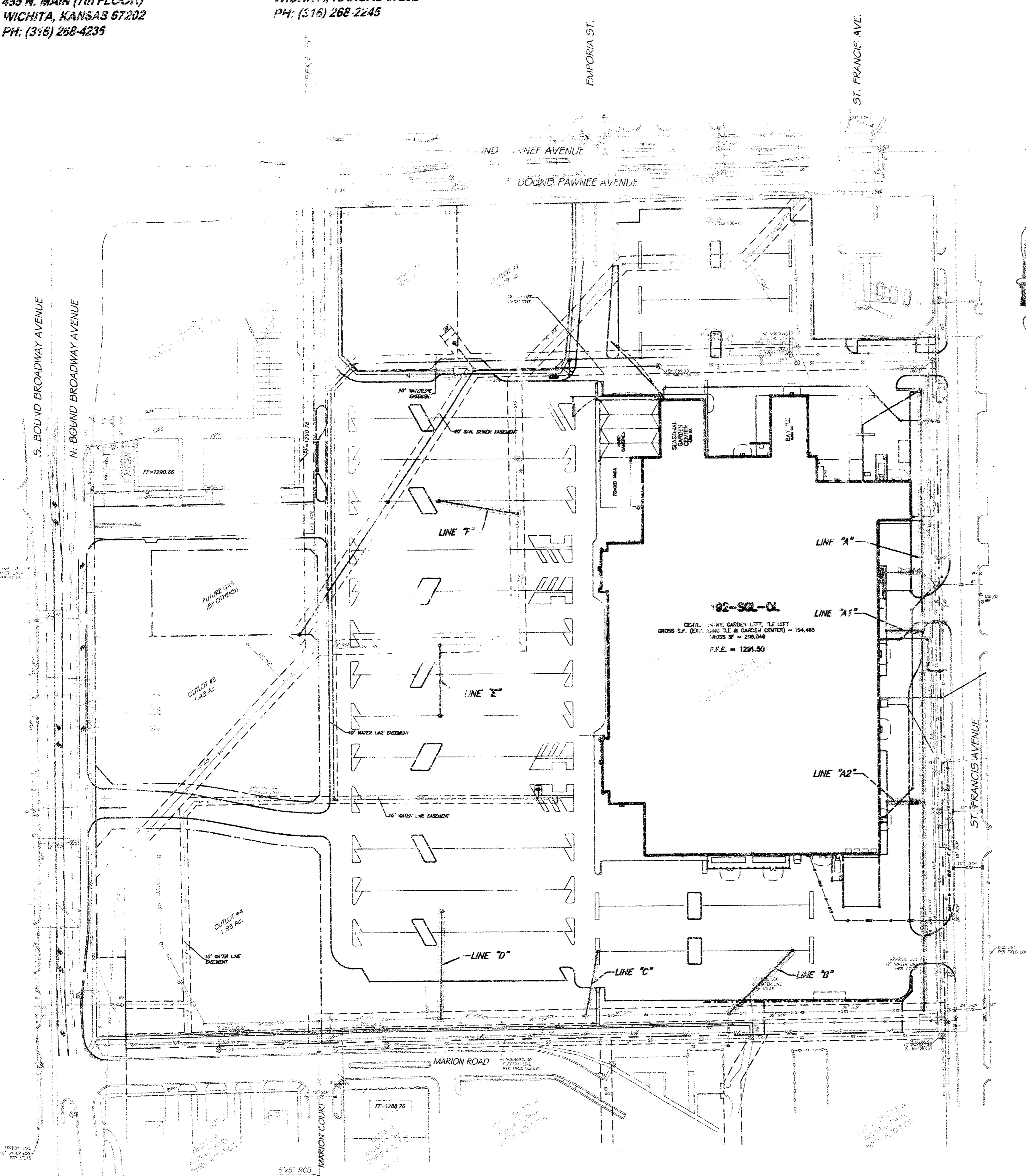
Inspection and testing for this project are to be provided by a Licensed Consulting Engineering Firm under contract with the Owner/Developer. Said inspection to be in accordance with the City of Wichita standard construction engineering practices and certified by a Licensed Professional Engineer. No work shall be performed in dedicated easements or public right-of-way by the Contractor without such inspection, nor shall any work be commenced without written authorization by the City Engineer.

BENCHMARKS

- BM #1 CUT "X" ON NOSE OF MEDIAN AT PAWNEE & TOPEKA ELEV=1290.14
- BM #2 CUT "X" ON W. END MEDIAN @ PAWNEE N. OF N.E. PROPERTY CORNER ELEV=1288.16
- BM #3 R.R. SPIKE IN POWER POLE AT PAWNEE & TOPEKA ON E. SIDE ST. FRANCIS ELEV=1287.82
- BM #4 CUT "X" ON TOP OF CURB @ S.E. BROADWAY & S. ENT. TO WAL-MART ELEV=1290.08

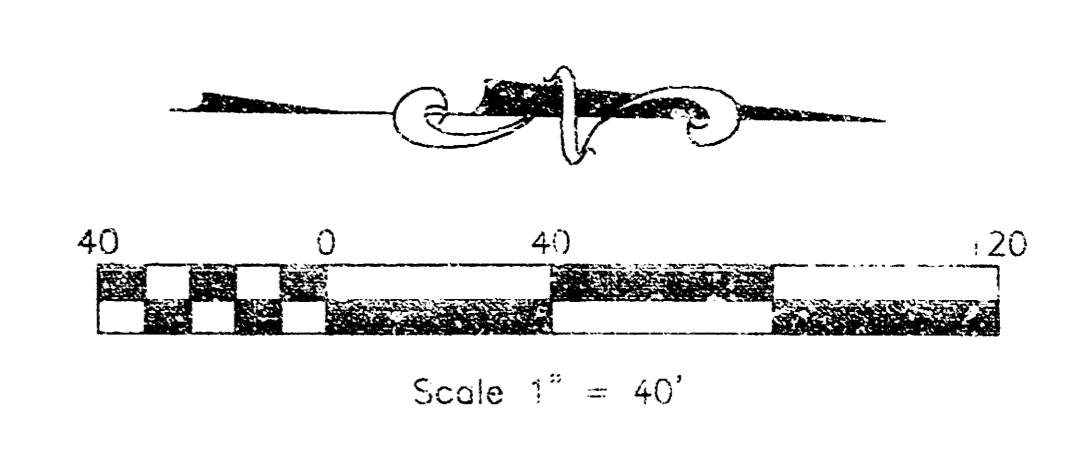
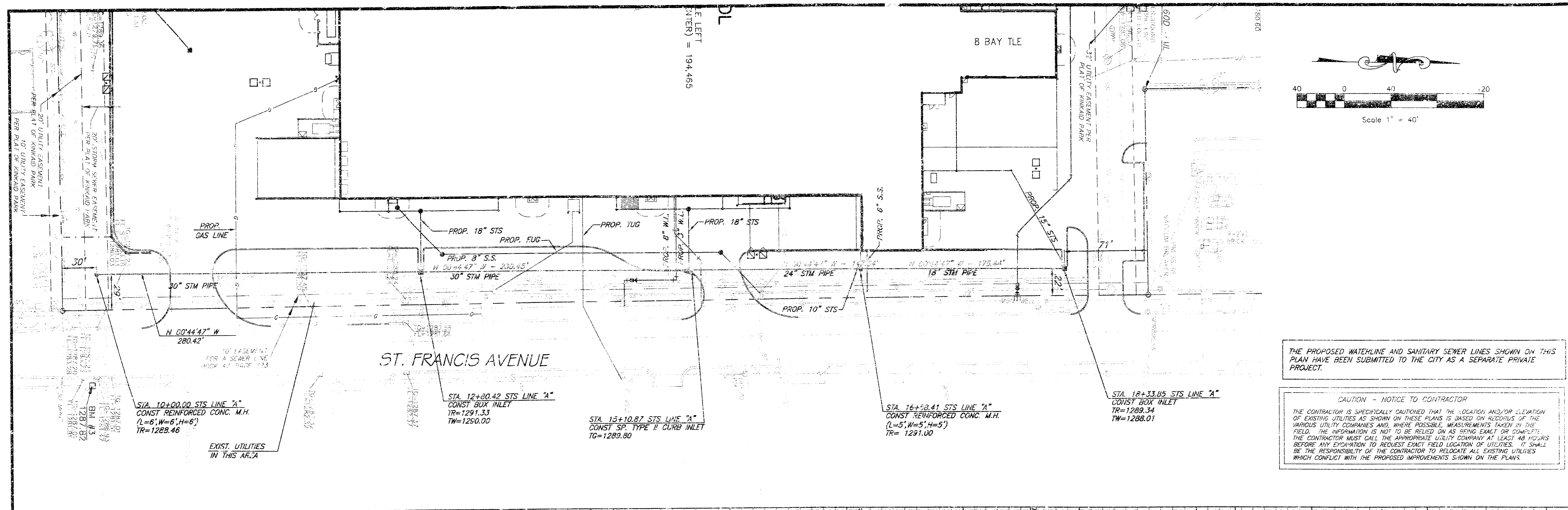


NOT VALID FOR CONSTRUCTION UNLESS SIGNED IN THIS COLOR



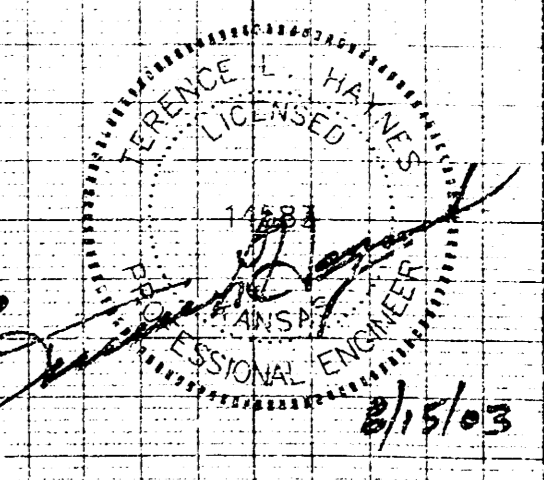
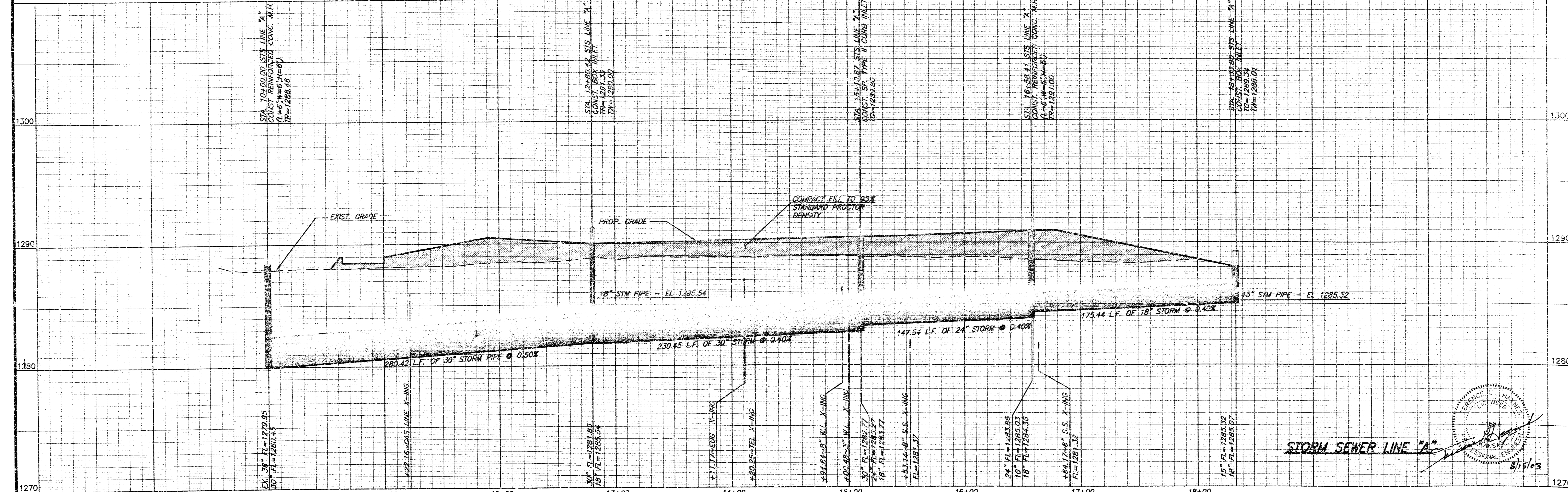
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18 15 01 13

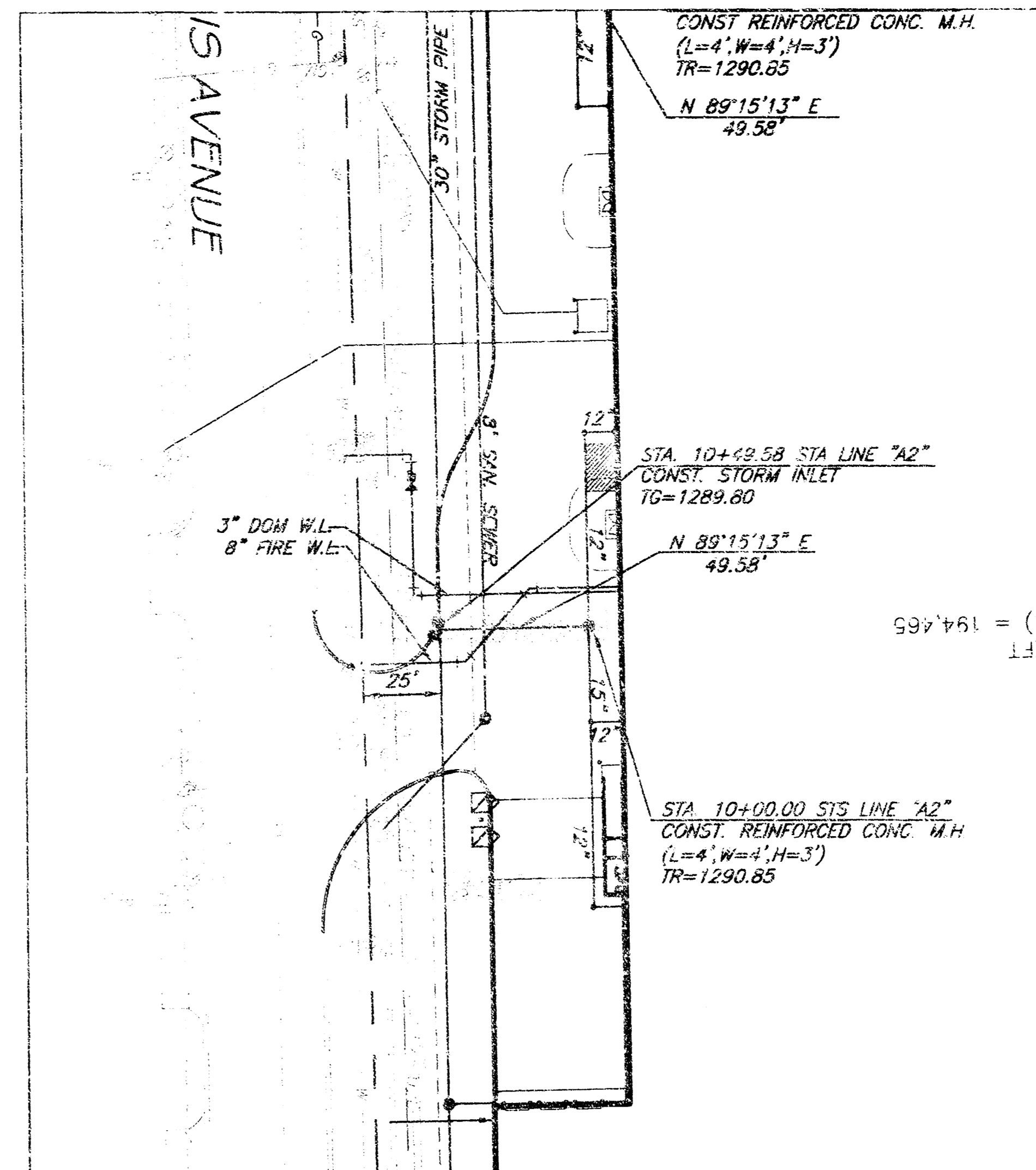
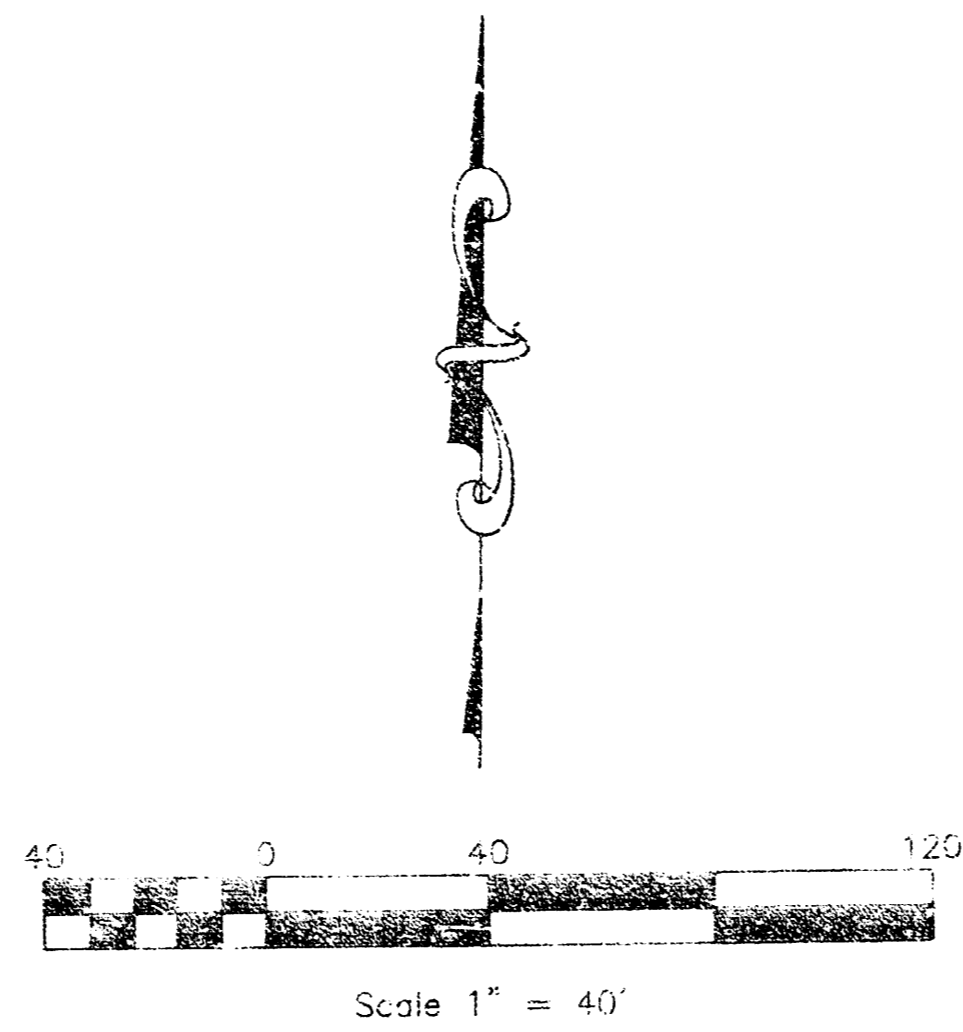
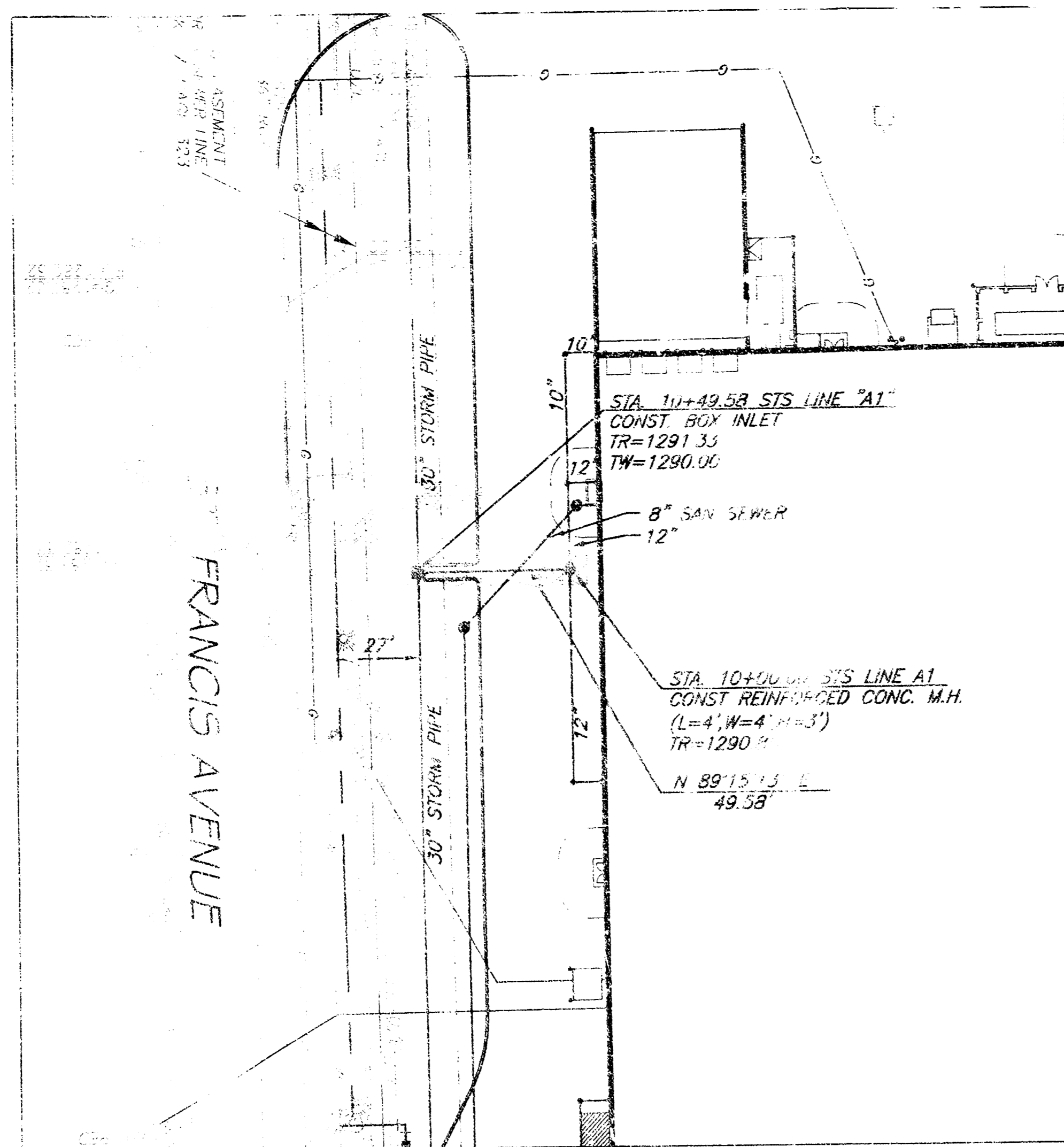


THE PROPOSED WATERLINE AND SANITARY SEWER LINES SHOWN ON THIS PLAN HAVE BEEN SUBMITTED TO THE CITY AS A SEPARATE PRIVATE PROJECT.

CAUTION - NOTICE TO CONTRACTOR
 THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.



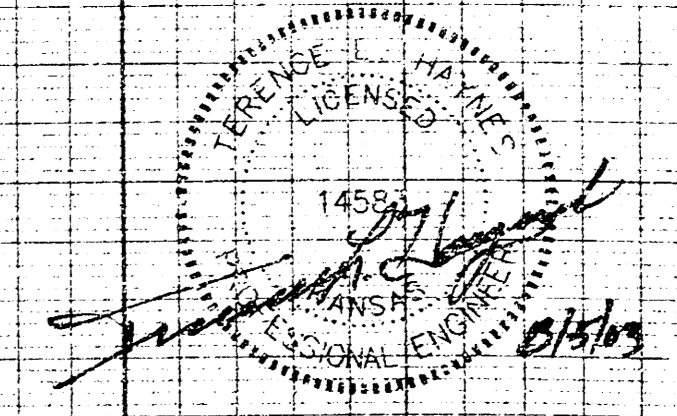
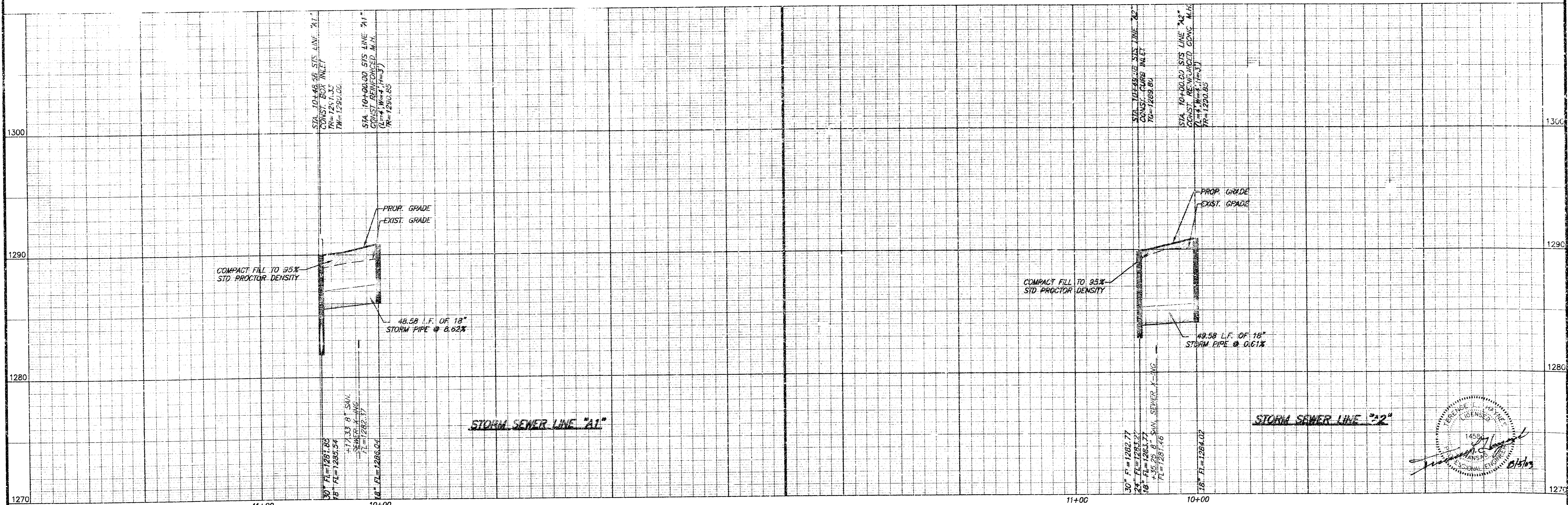
STORM SEWER LINE "A"



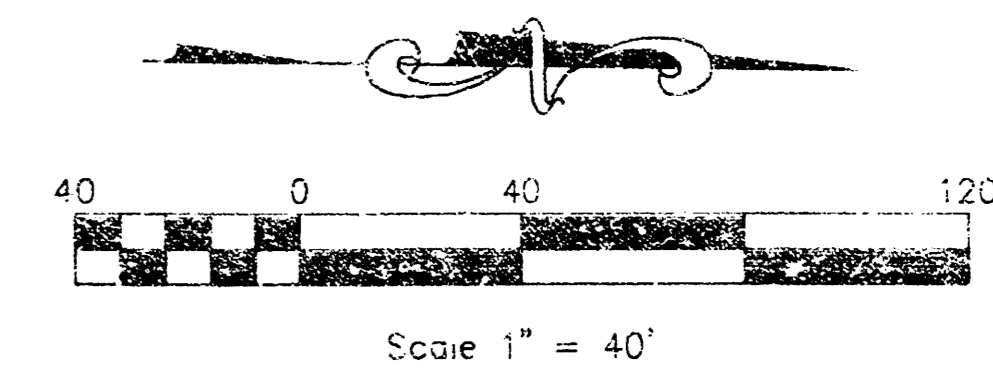
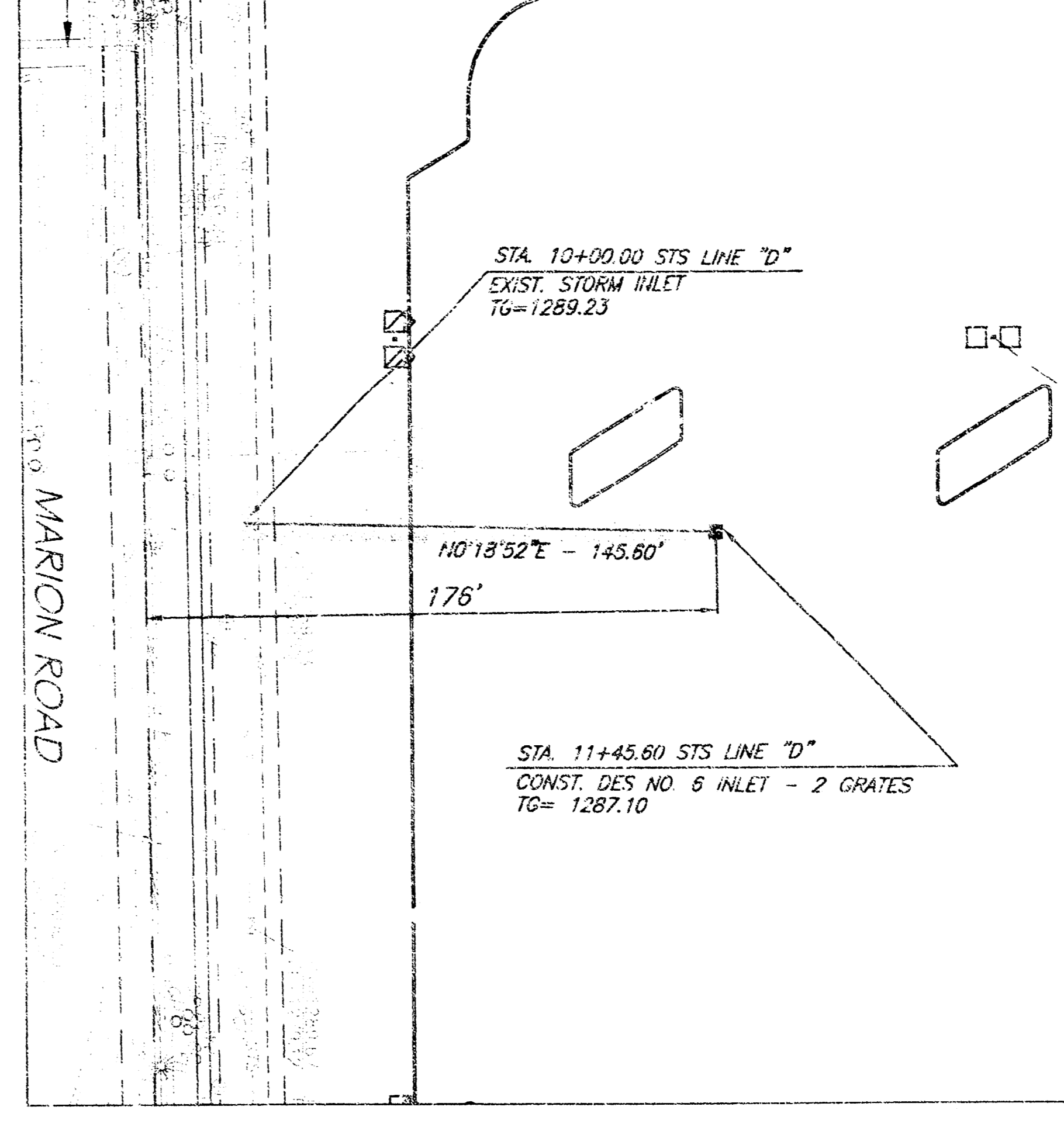
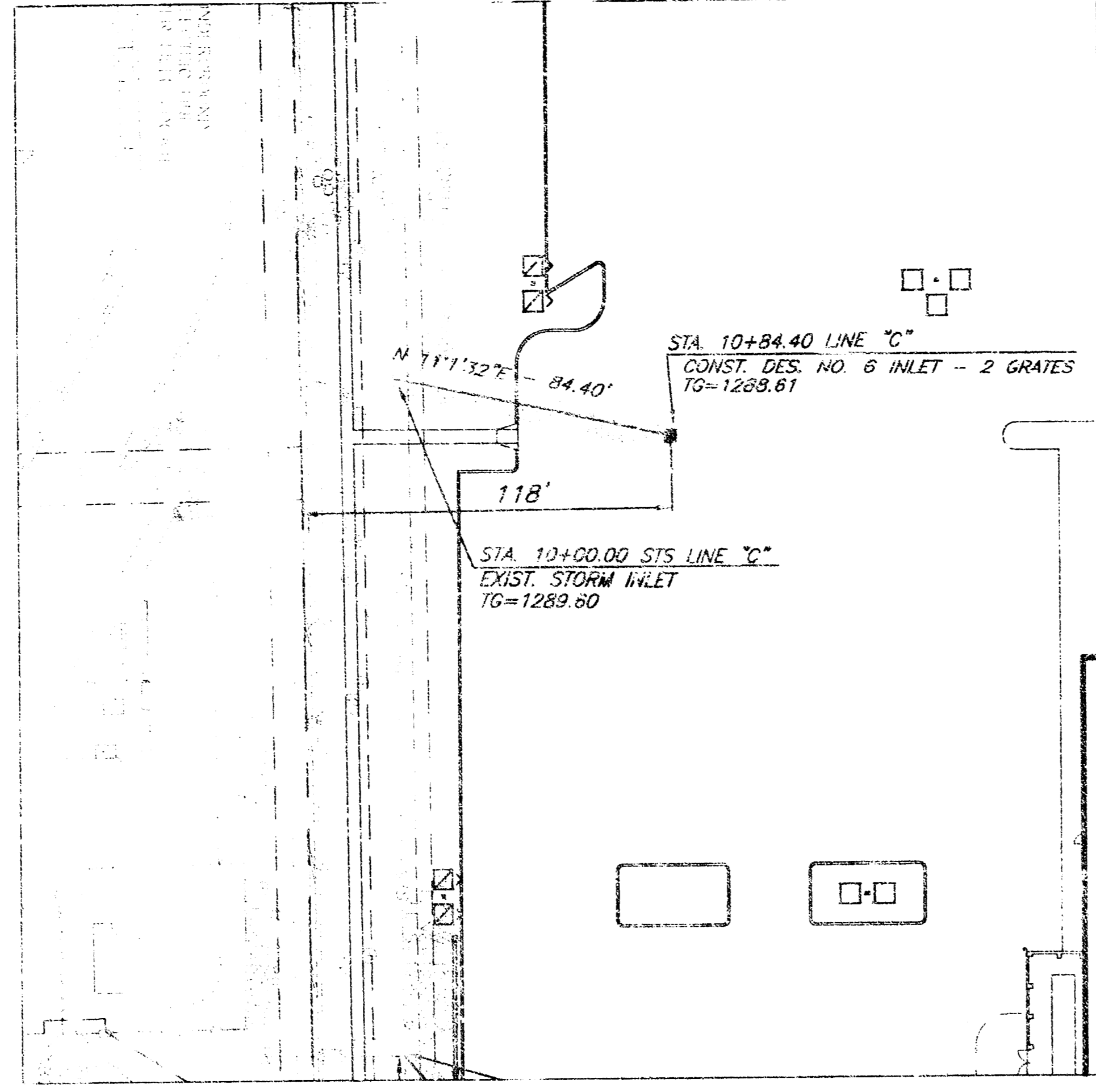
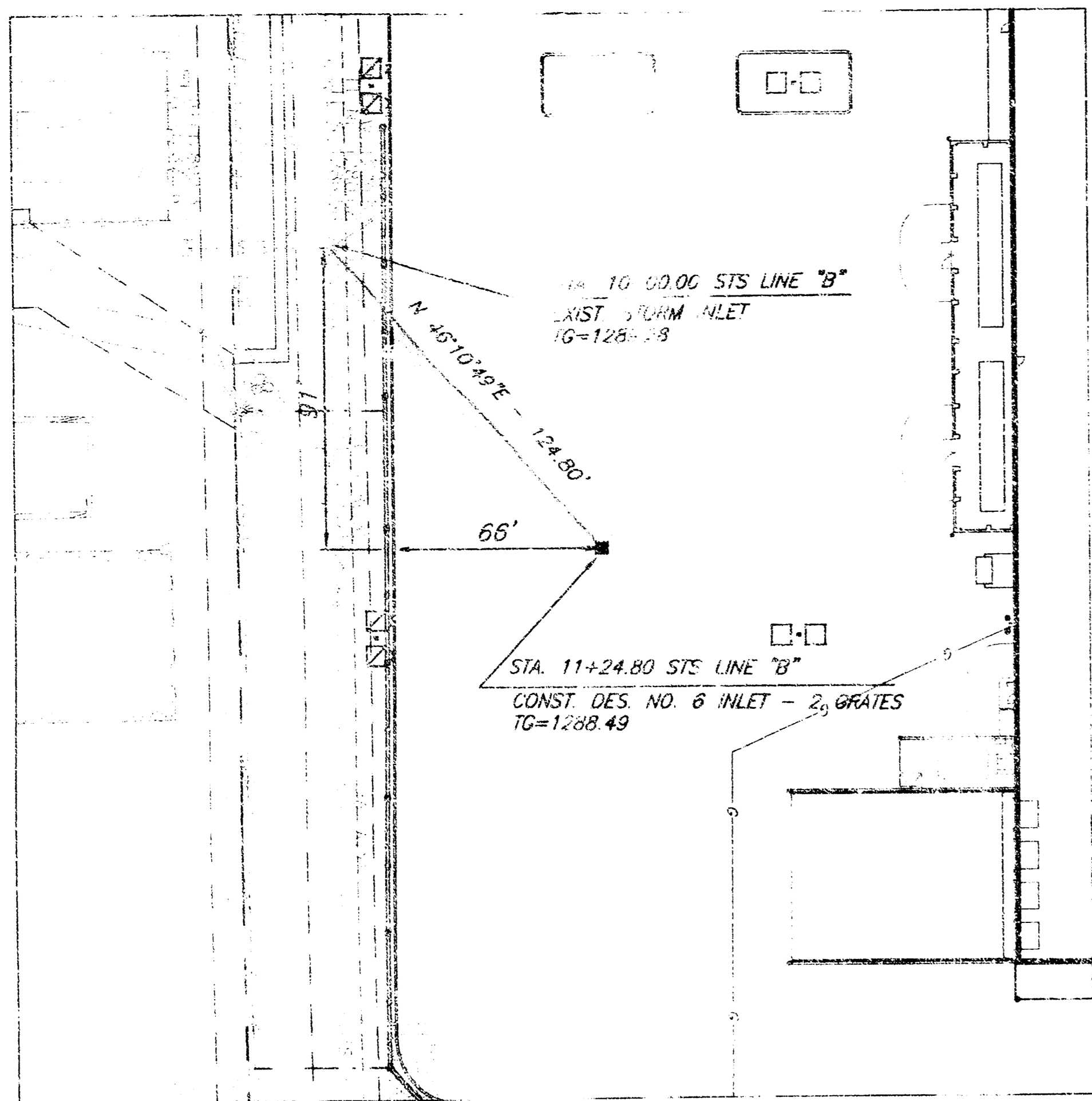
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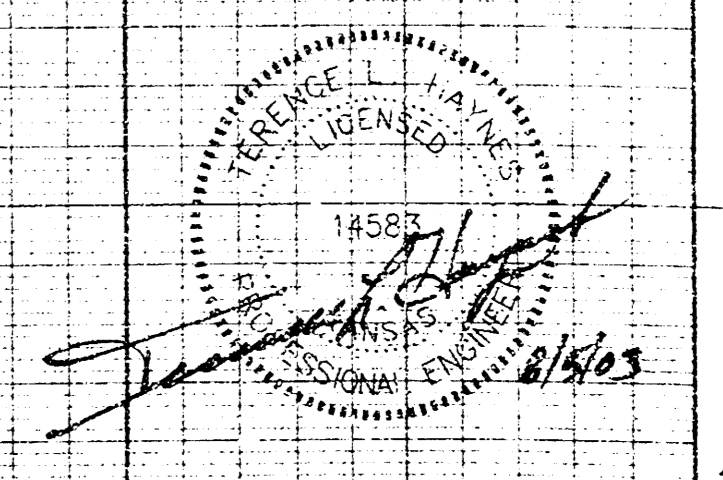
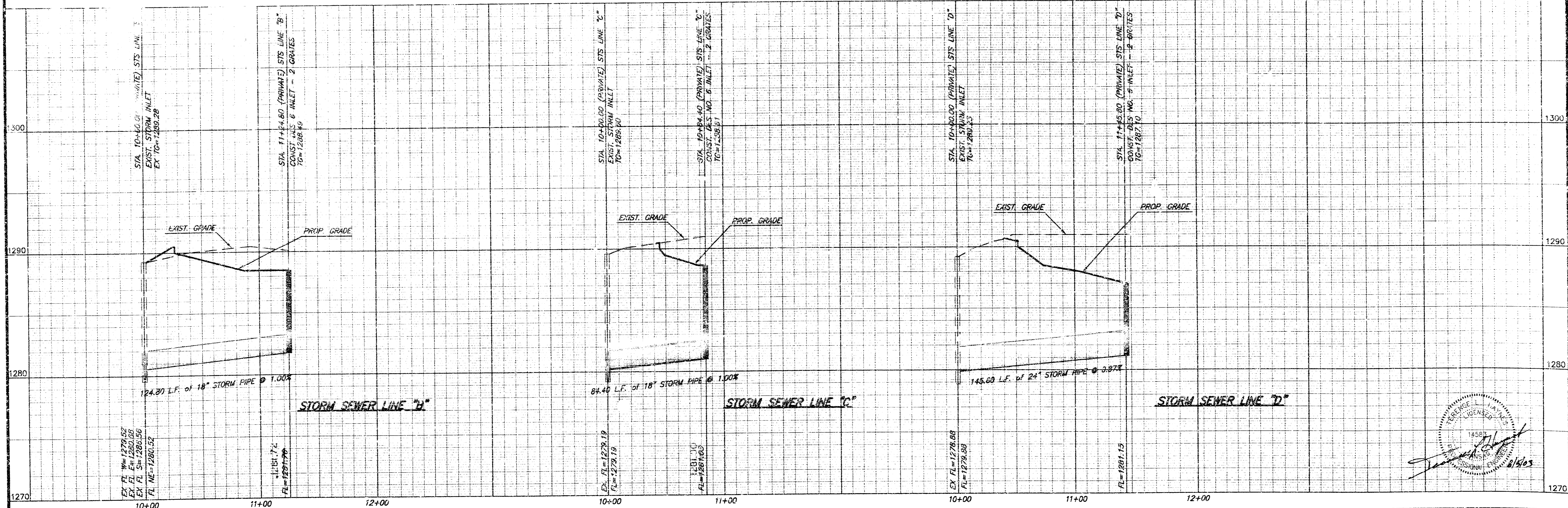


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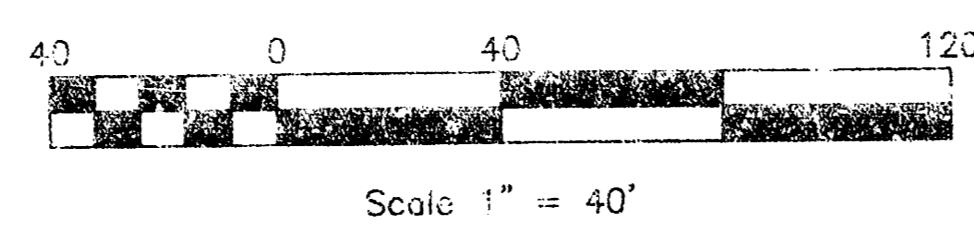
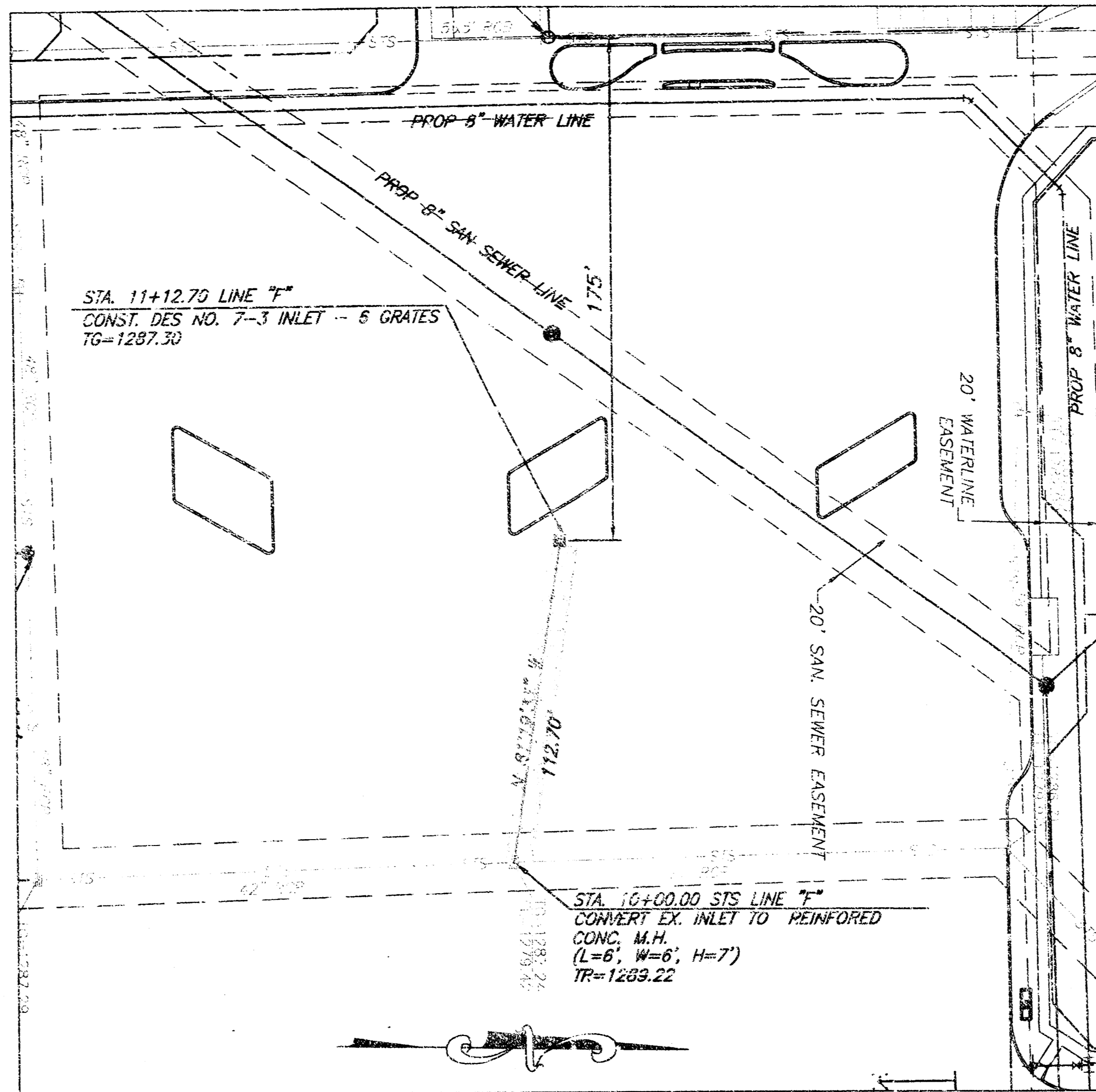
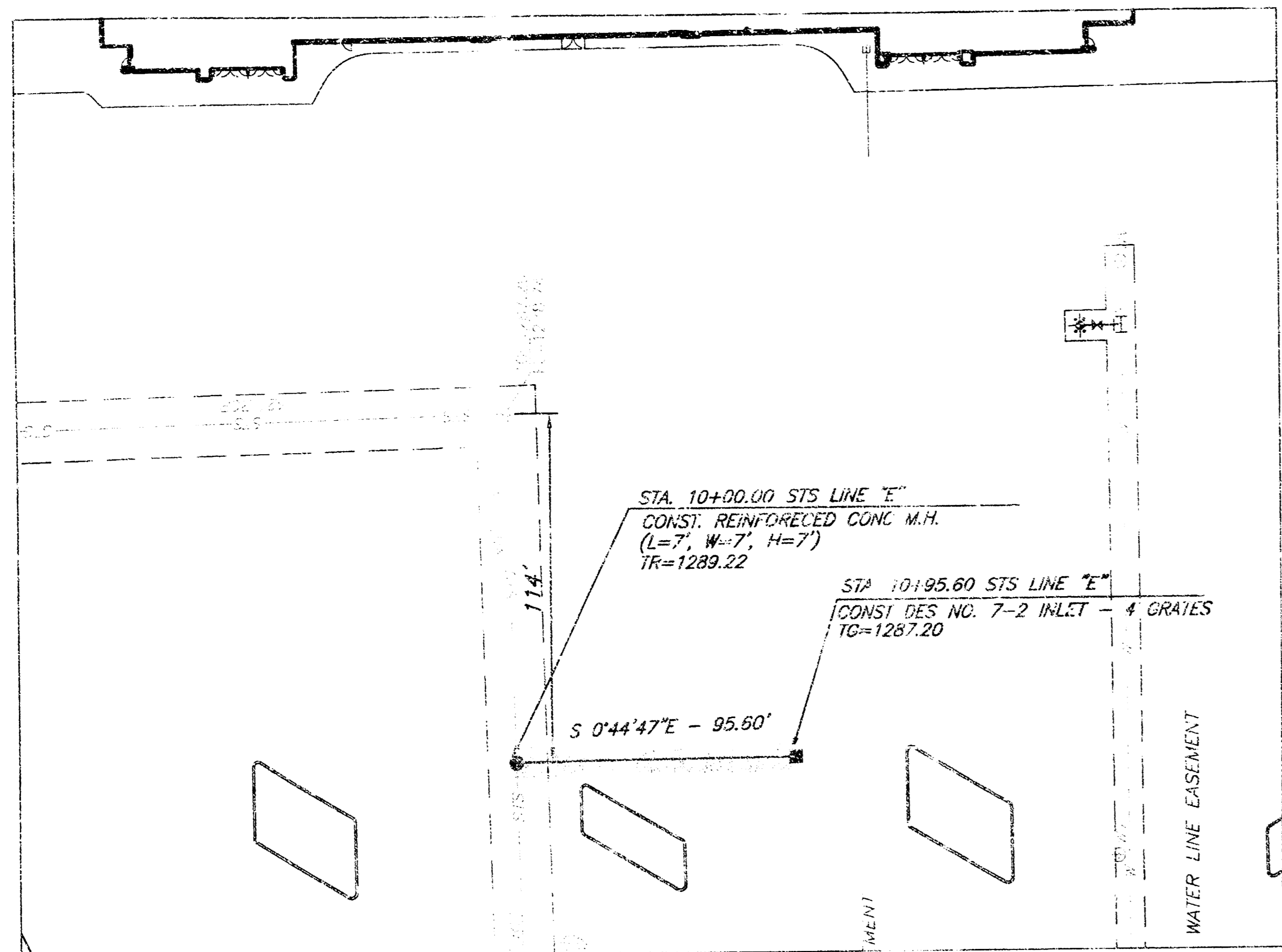


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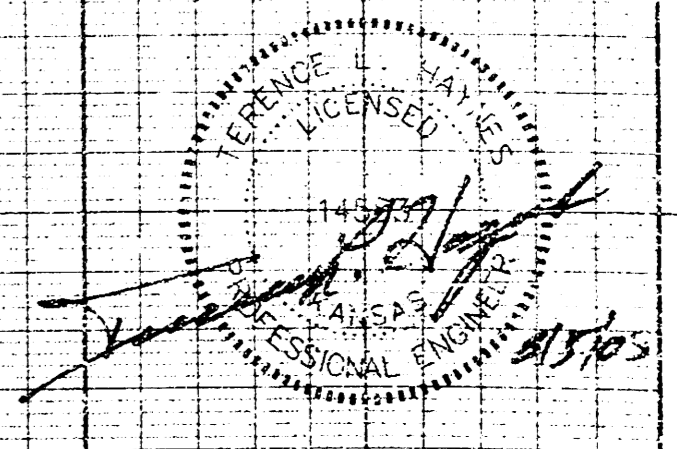
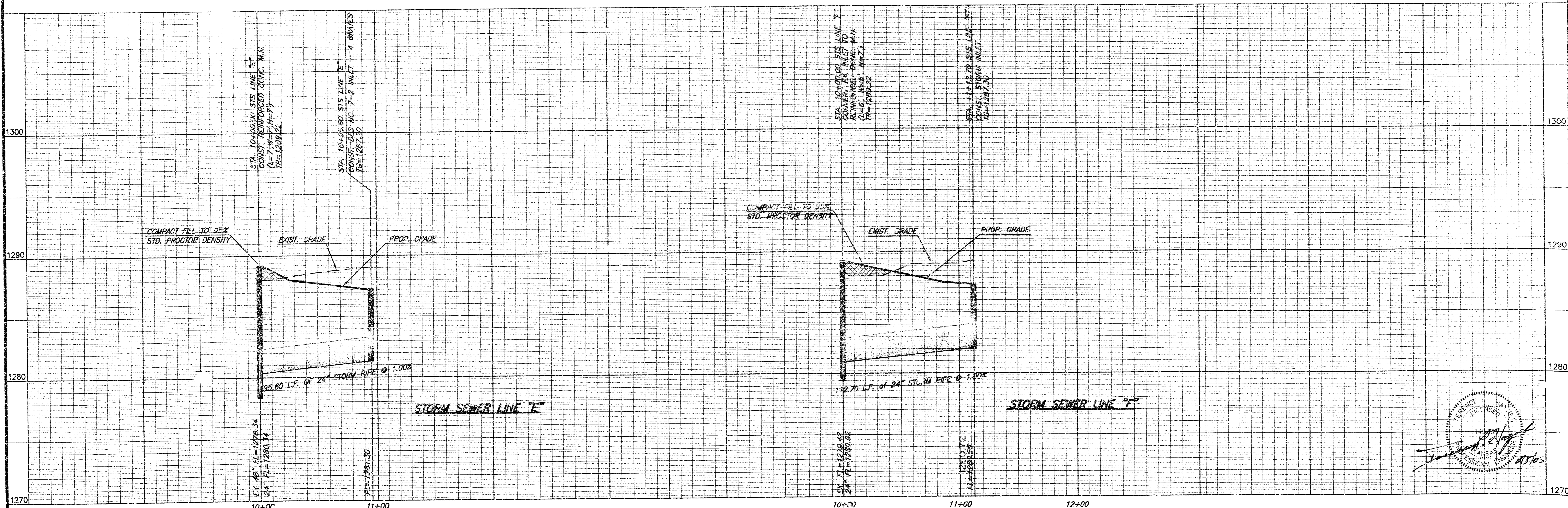


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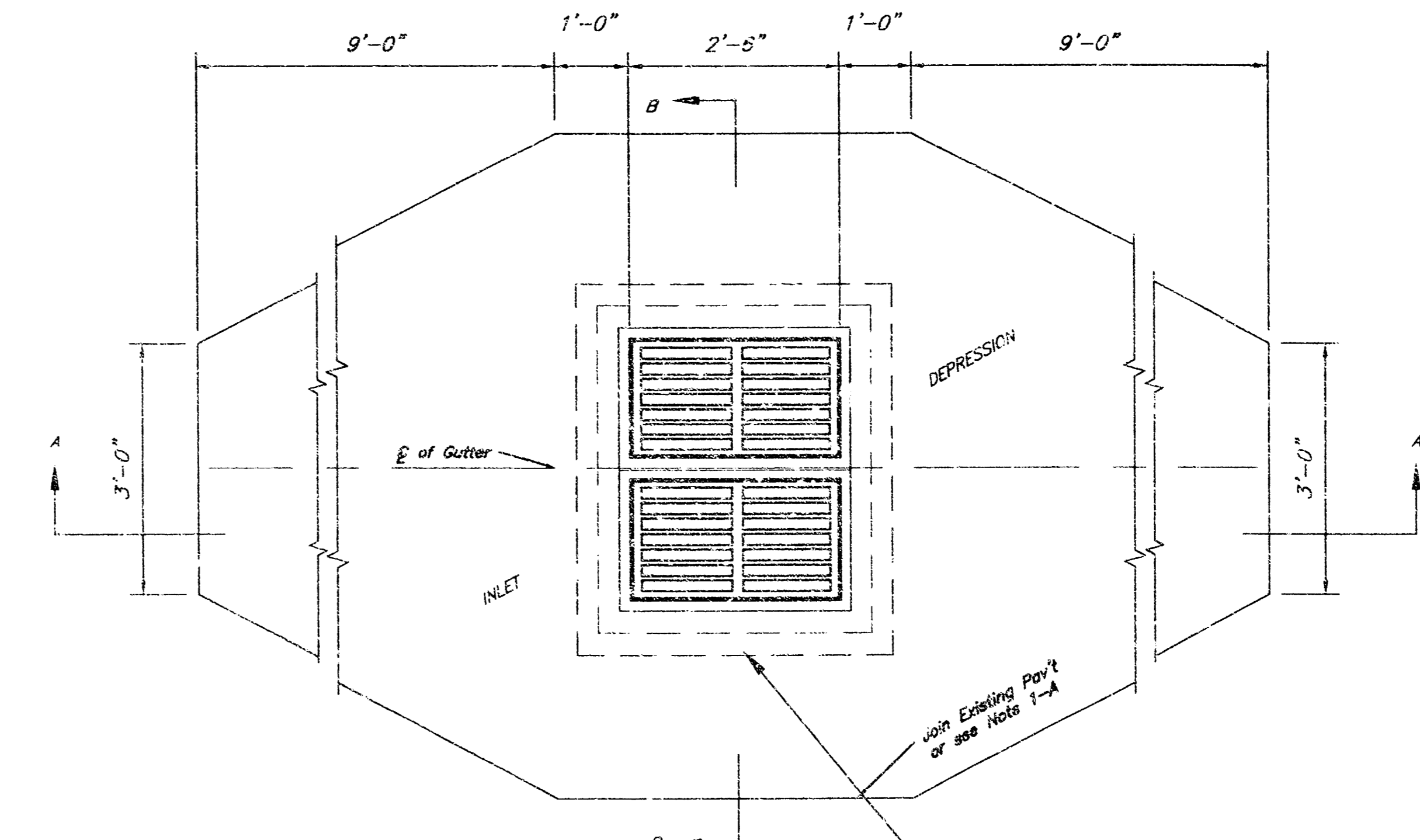
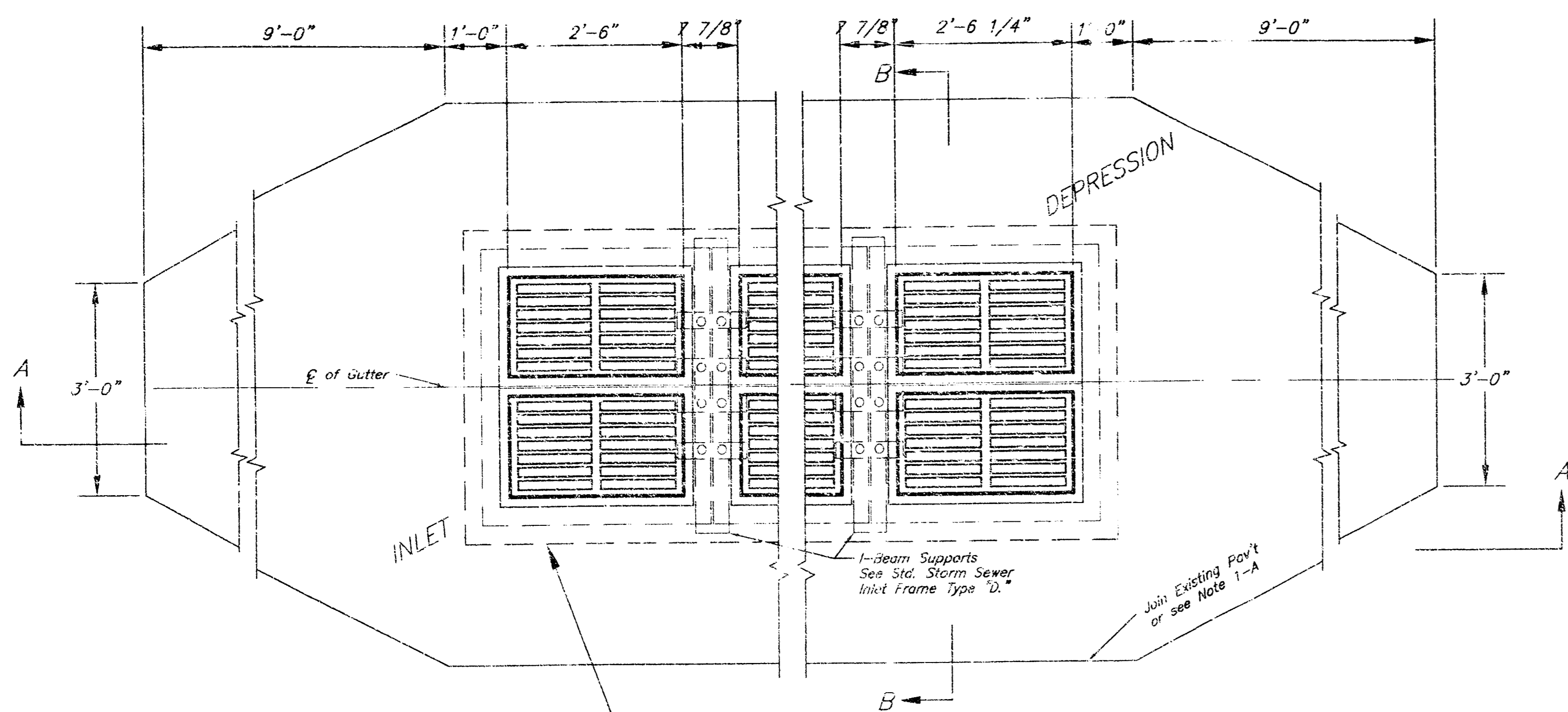


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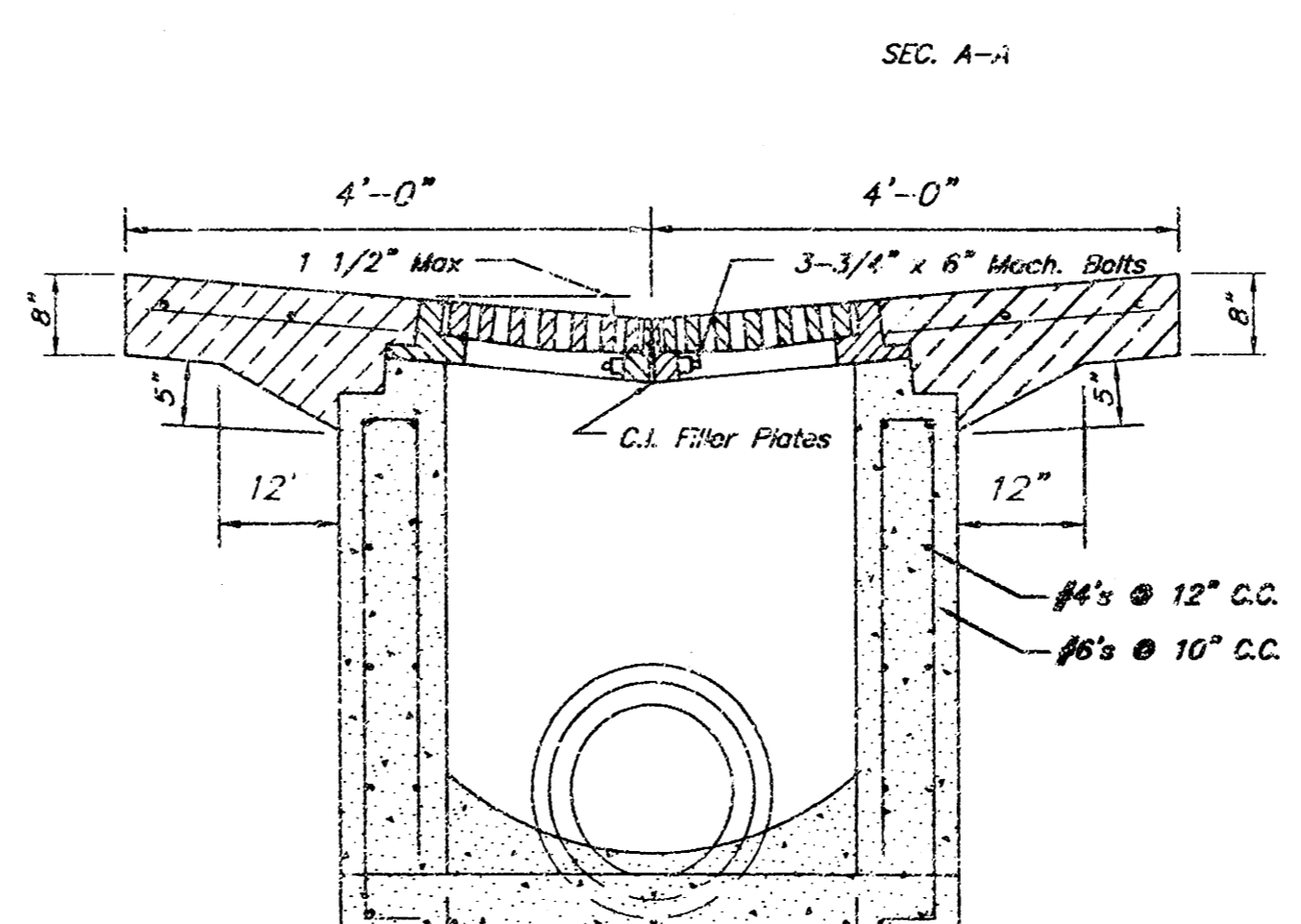
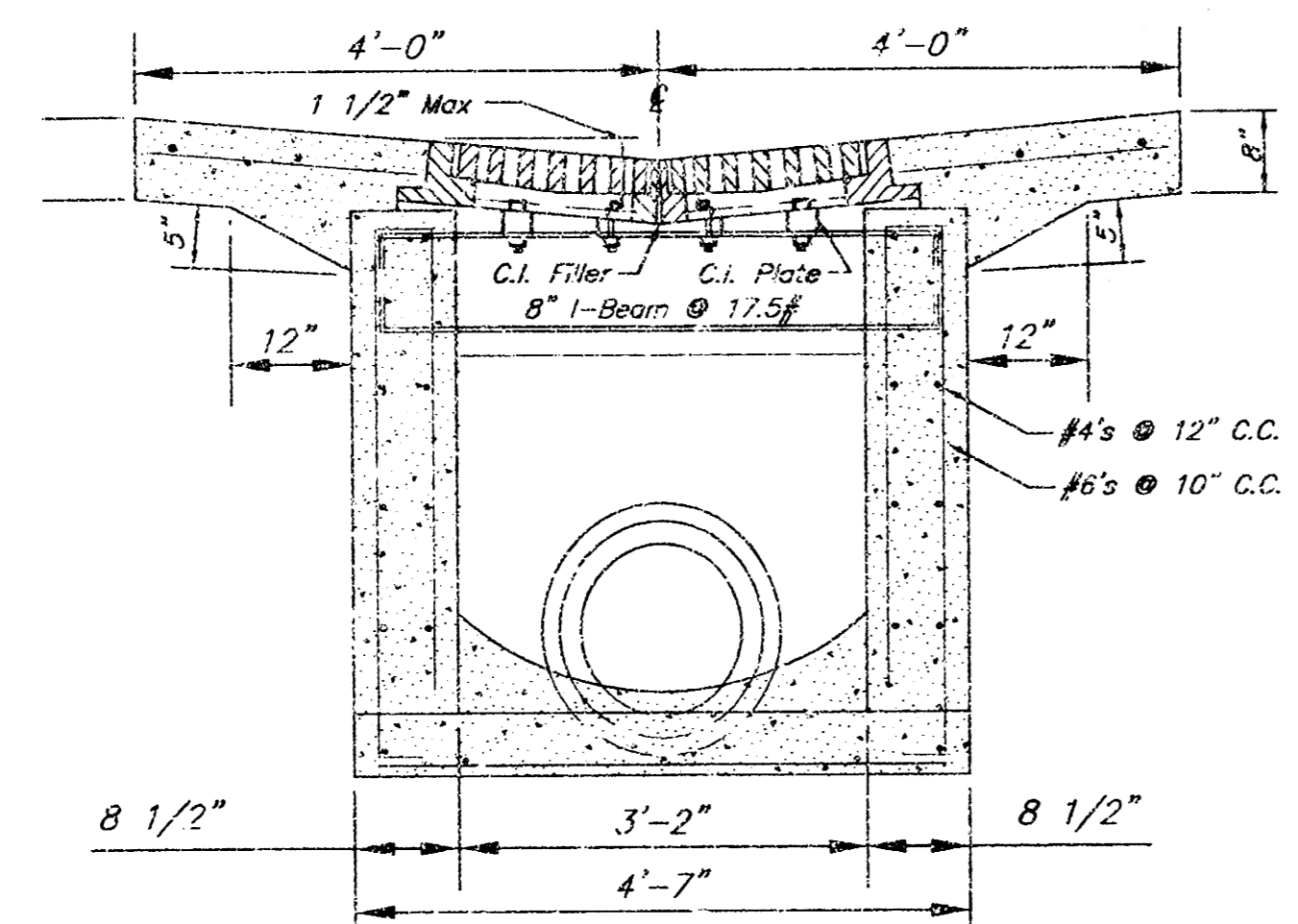
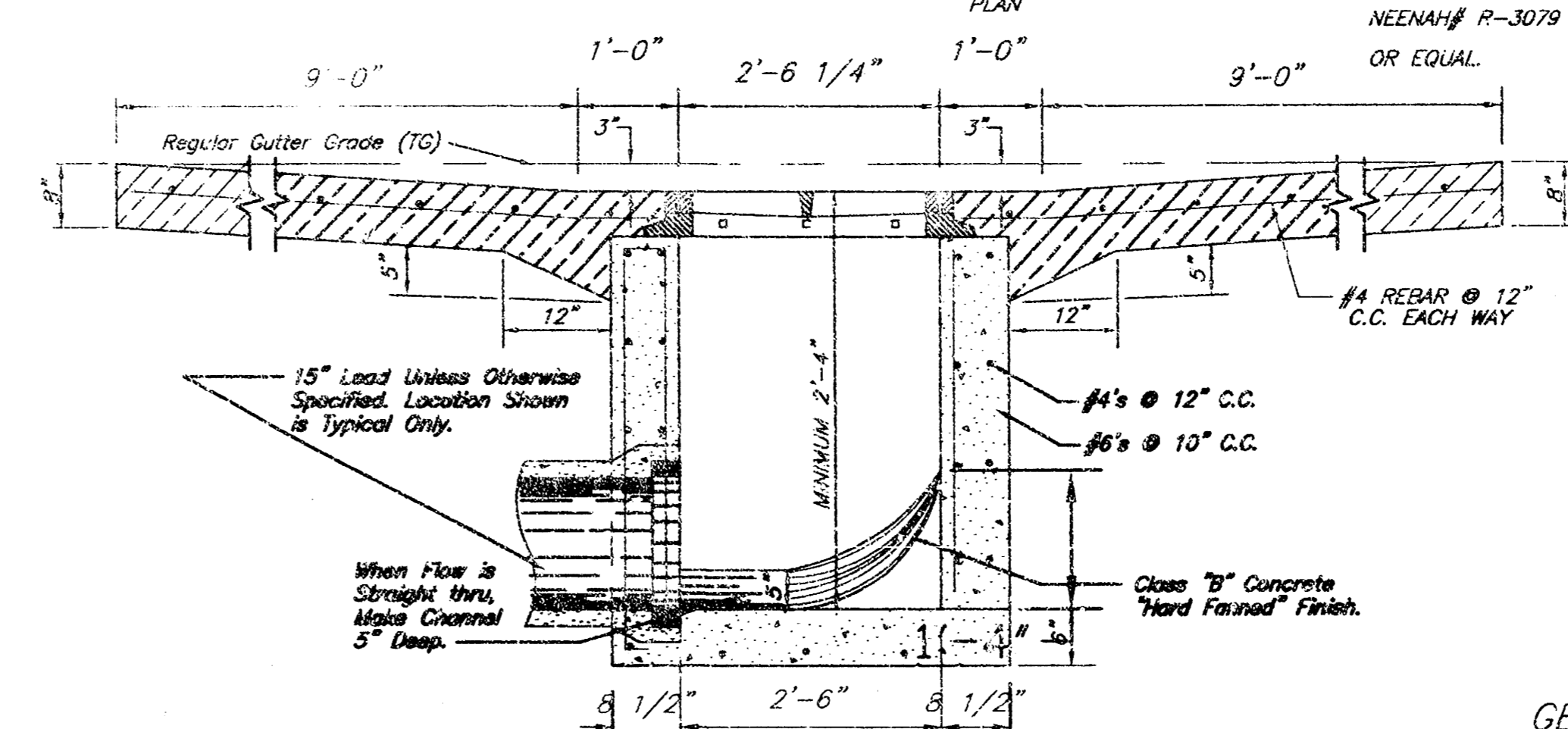
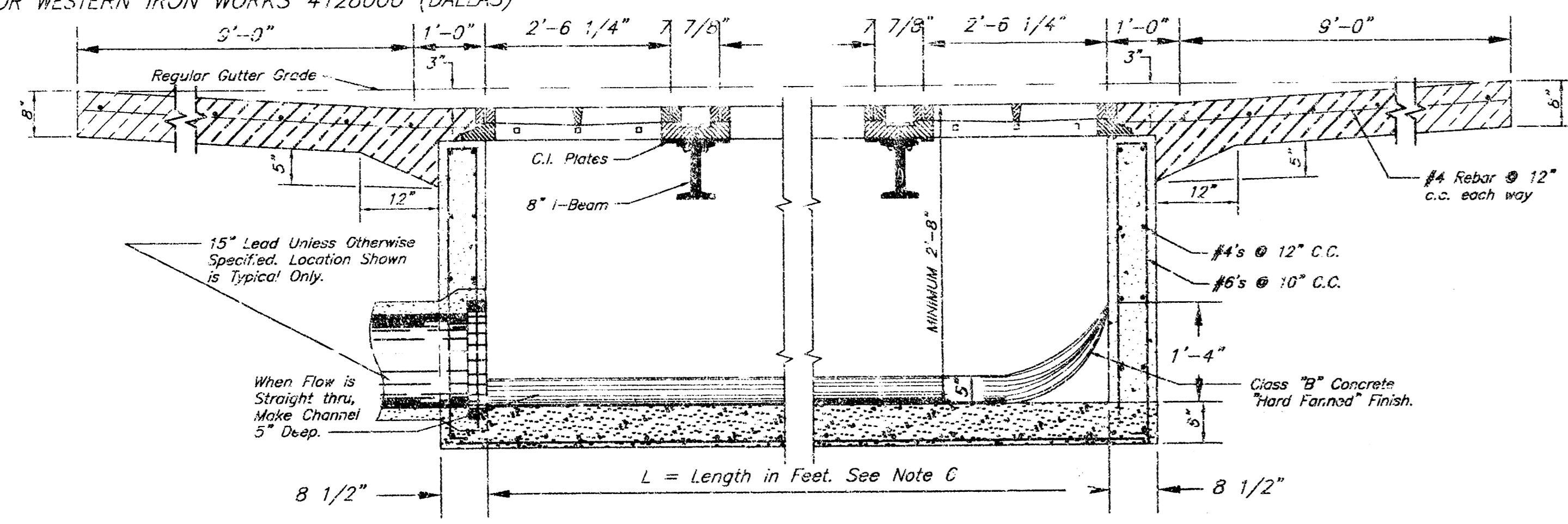


3:03:36 PM, kishah



ALL GRATES SHALL BE THE "BICYCLE" GRATE
NEENAH# R-3079 OR WESTERN IRON WORKS 4128000 (DALLAS)

ALL GRATES SHALL BE THE "BICYCLE" GRATE
NEENAH# R-3079 OR WESTERN IRON WORKS 4128000 (DALLAS)
OR EQUAL

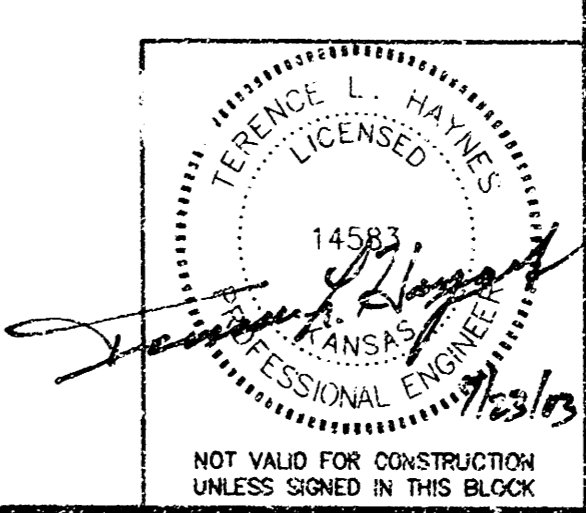


- GENERAL NOTES**
- 1-a WHEN INLET IS BUILT IN NEW PAVEMENT THE INLET PAVEMENT SHALL BE MONOLITHIC WITH NEW PAVEMENT AND CONFORM TO PLANS AND SPECIFICATIONS THEREOF.
 - 1-b WHEN INLET IS BUILT IN EXISTING PAVEMENT THE TYPE OF INLET PAVEMENT SHALL CONFORM TO THAT OF THE ADJACENT SLAB UNLESS OTHERWISE PROVIDED IN SPECIAL PROVISIONS.
 2. CAST IRON STEPS SHALL BE PLACED IN ALL INLETS 3' OR MORE IN DEPTH IN CONFORMITY WITH STANDARD SPECIFICATIONS THEREOF.
 3. GRATINGS TO BE USED IN THIS STRUCTURE WILL BE SHOWN ON THE PLANS OR DESIGNATED IN SPECIAL PROVISIONS.
 4. THIS STRUCTURE WILL BE DESIGNATED ON PLANS AS "INLET NO. 6"
 5. BASIS OF PAYMENT FOR INLETS SHALL BE LUMP SUM INCLUDING REMOVAL AND REPLACEMENT OF EXISTING PAVEMENT.
 6. NO BRICK CONSTRUCTION.
 7. POUR-IN-PLACE OR PRECAST ONLY.
 8. CONTRACTOR SHALL USE THE TOP OF GRADE SHOWN IN GRADING PLAN AS REGULAR GUTTER GRADE. ELEVATION SHOWN IN THIS DETAIL. THE ACTUAL GRADE SHALL BE SET 3" LOWER THAN THE REGULAR GUTTER GRADE.

- GENERAL NOTES**
- 1-a WHEN INLET IS BUILT IN NEW PAVEMENT THE INLET PAVEMENT SHALL BE MONOLITHIC WITH NEW PAVEMENT AND CONFORM TO PLANS AND SPECIFICATIONS THEREOF.
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 3. GRATINGS TO BE USED IN THIS STRUCTURE WILL BE SHOWN ON THE PLANS OR DESIGNATED IN SPECIAL PROVISIONS.
 4. THIS STRUCTURE WILL BE DESIGNATED ON PLANS AS "DESIGN NO. 7" (INDICATE NUMBER OF DOUBLE GRATINGS)
 5. BASIS OF PAYMENT FOR INLETS SHALL BE LUMP SUM INCLUDING REMOVAL AND REPLACEMENT OF EXISTING PAVEMENT.
 6. $L = (3.18 \cdot n) - 0.66$ IN WHICH $n =$ THE NUMBER OF DOUBLE GRATINGS

STORM SEWER INLET
DESIGN NO. 7 (MULTIPLE DOUBLE GRATINGS)

STORM SEWER INLET
DESIGN NO. 6
STORM SEWER INLET



AS-BUILT: SEPT. 2004

(PRIVATE) STORM SEWER DETAILS
DESIGN 6 & 7 INLETS

WAL-MART SUPERCENTER #1099-01

PAWNEE AVENUE & BROADWAY AVENUE
WICHITA, KANSAS

SPEAR & McCALEB CO., P.C.
815 West Main - Oklahoma City, OK 73102
PH: 405-232-7715 Fax: 405-232-7859
KANSAS CERTIFICATE OF AUTHORIZATION NO. E-335 EXP. DEC. 2004

SMC

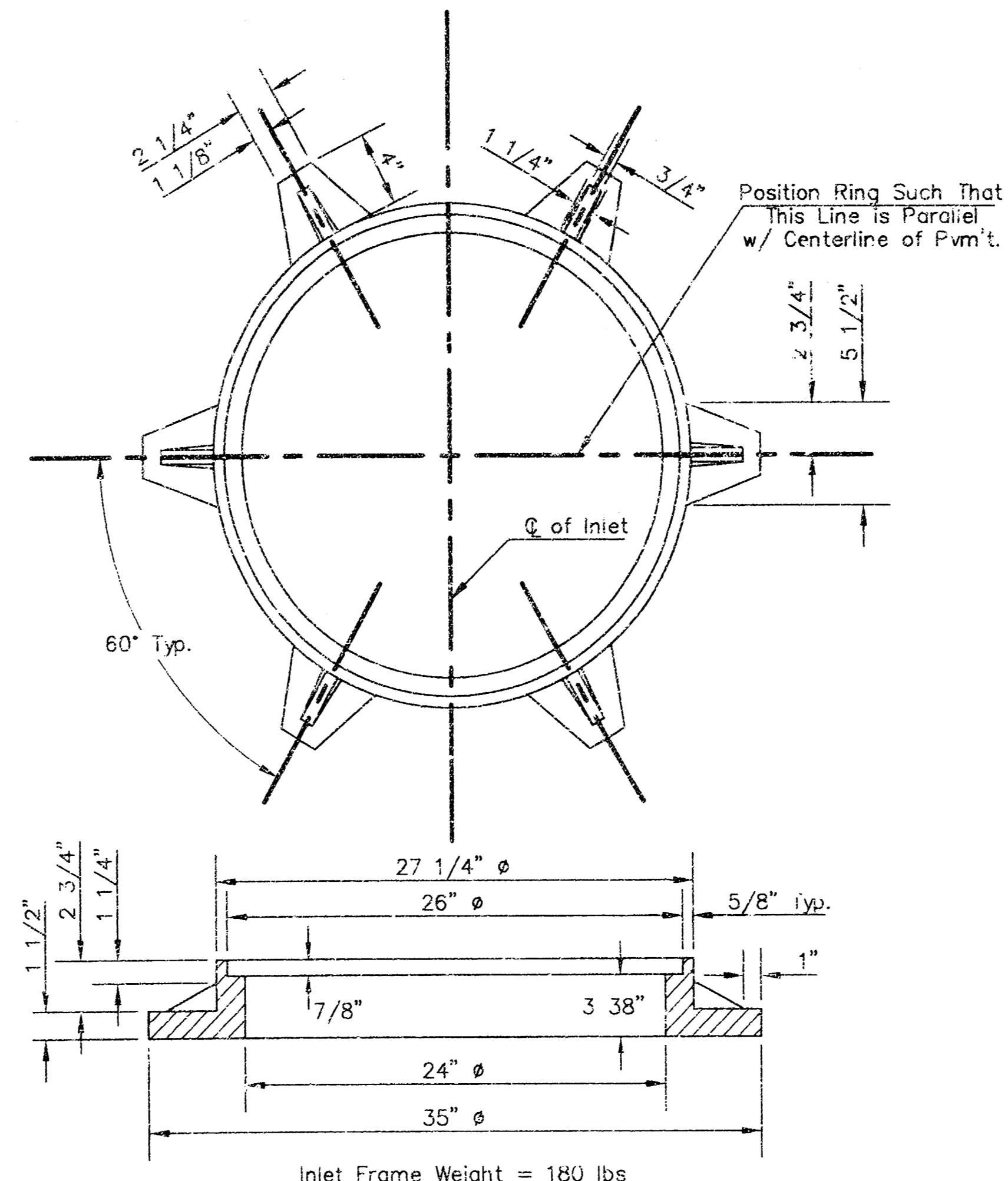
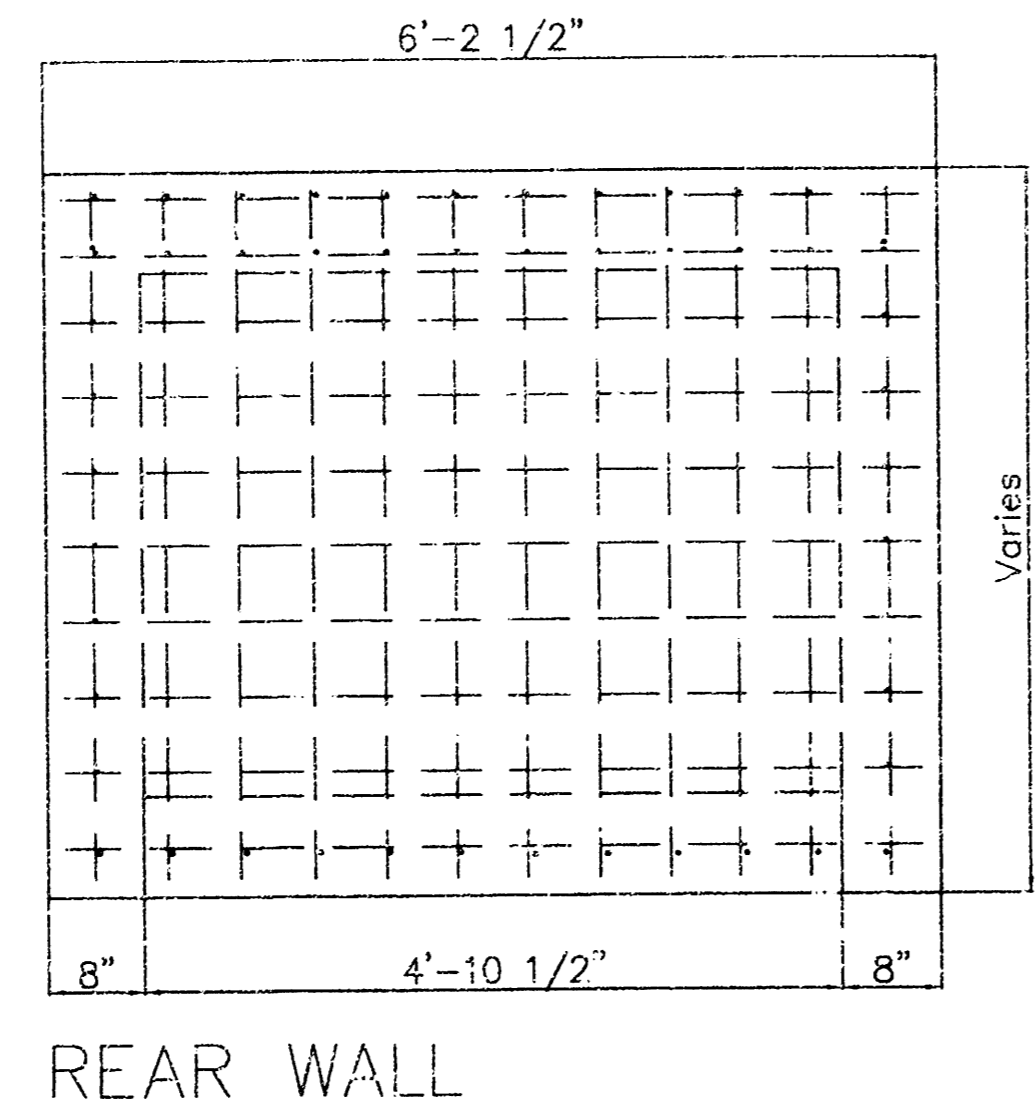
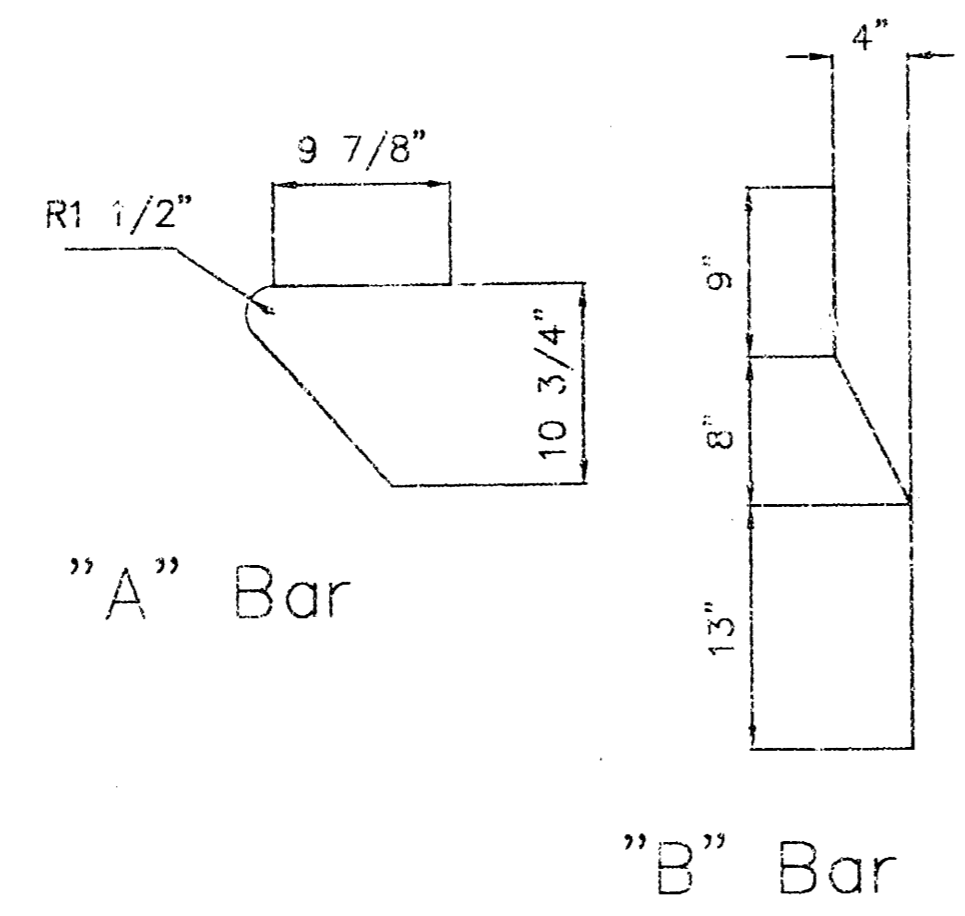
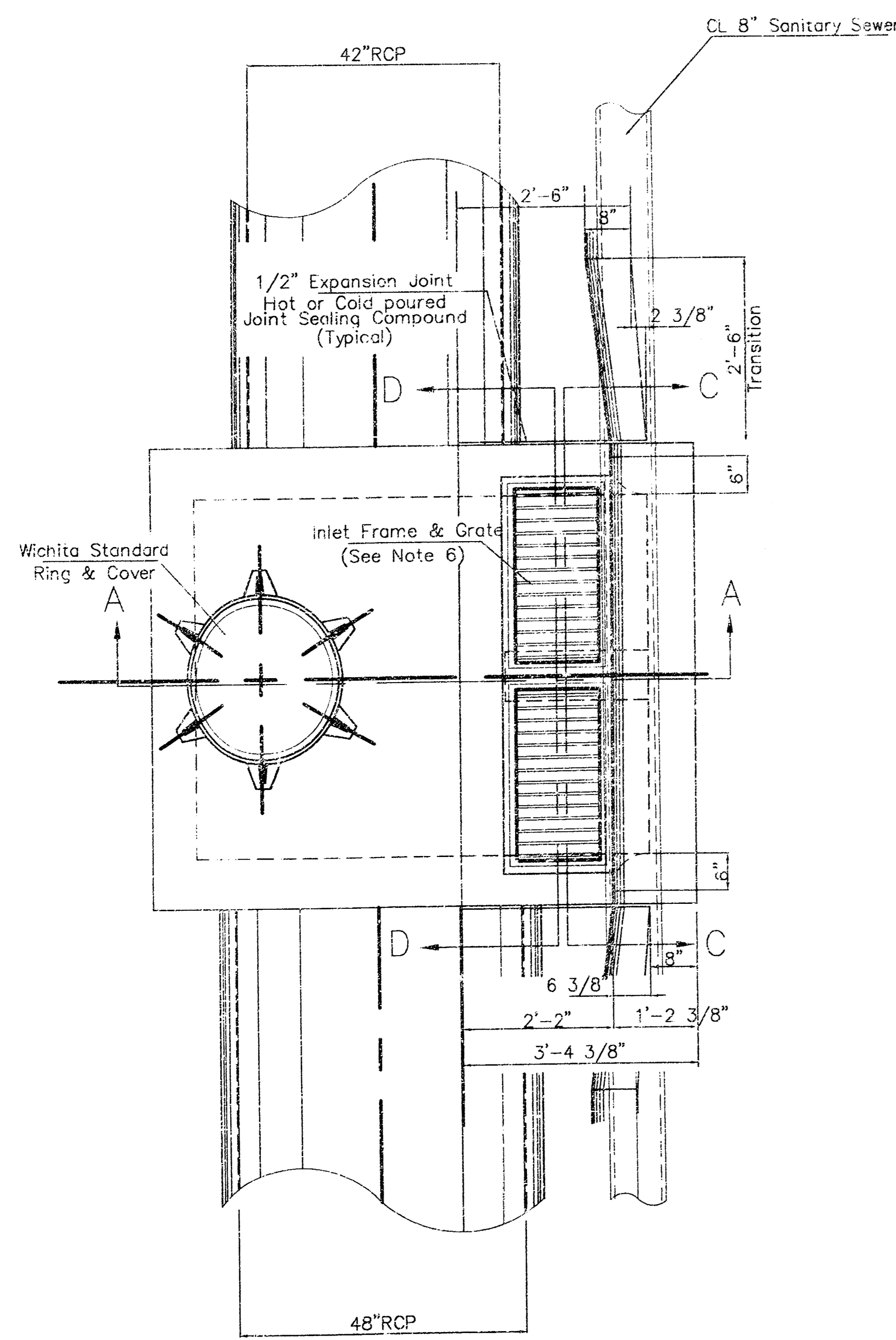
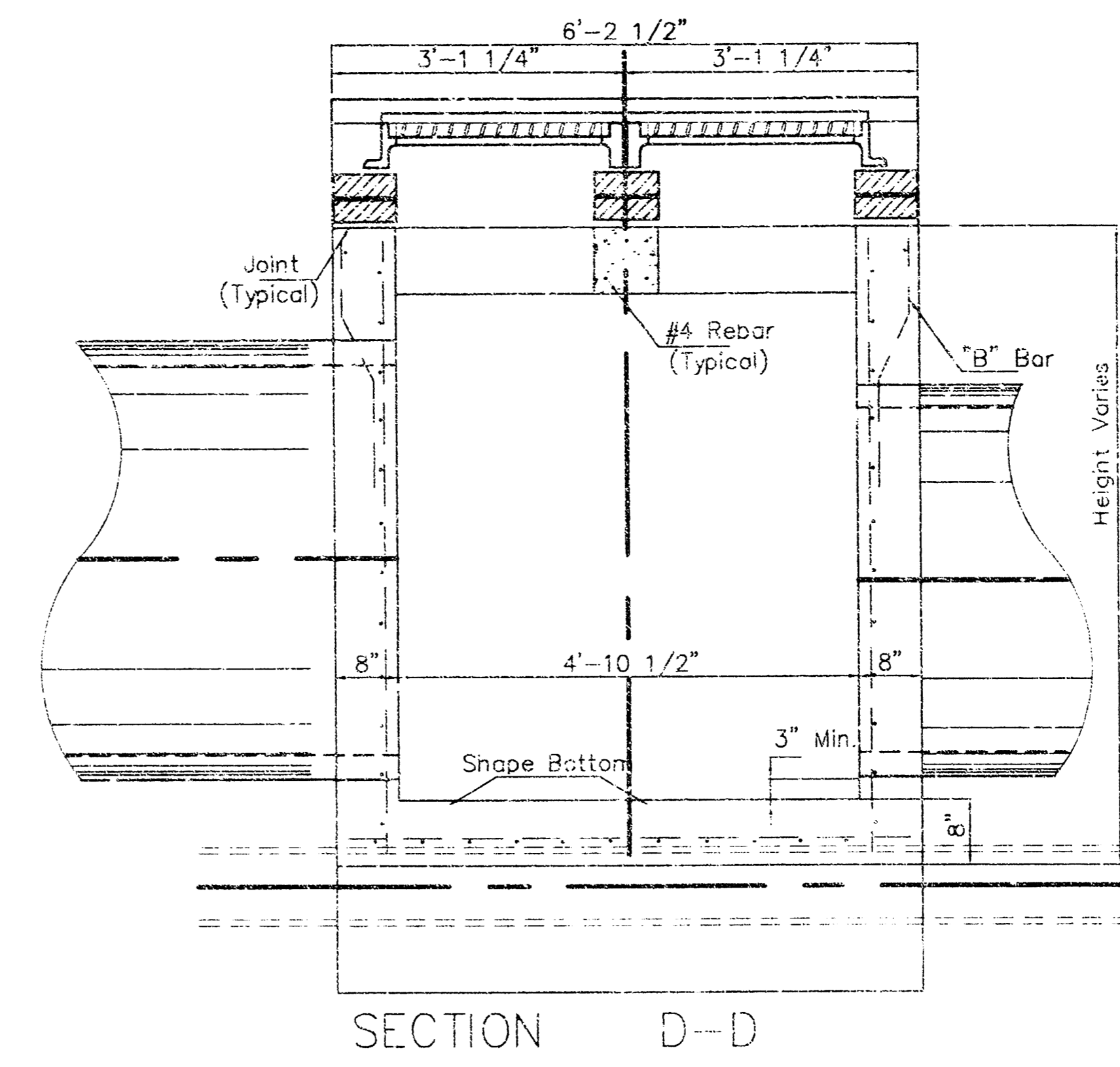
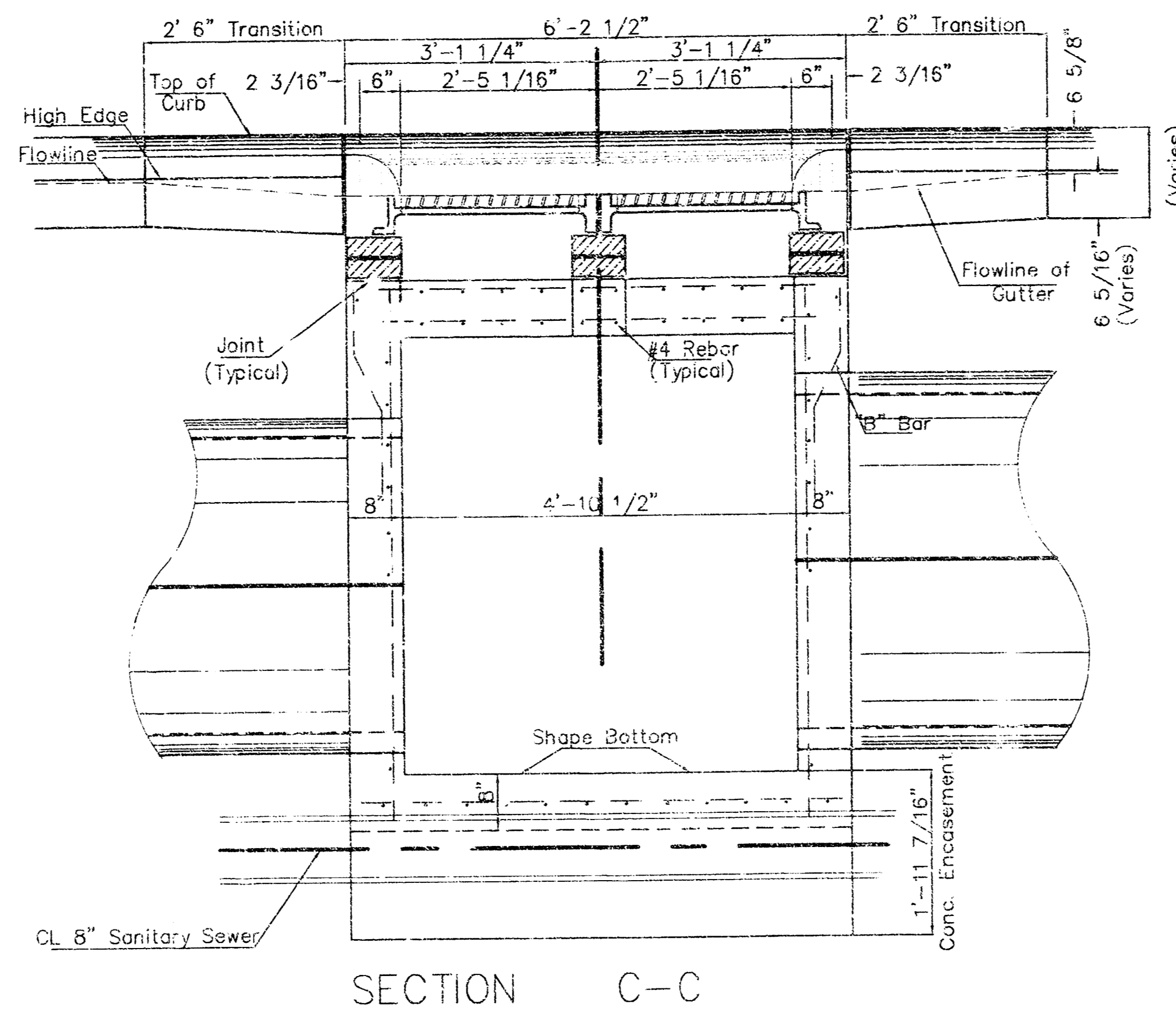
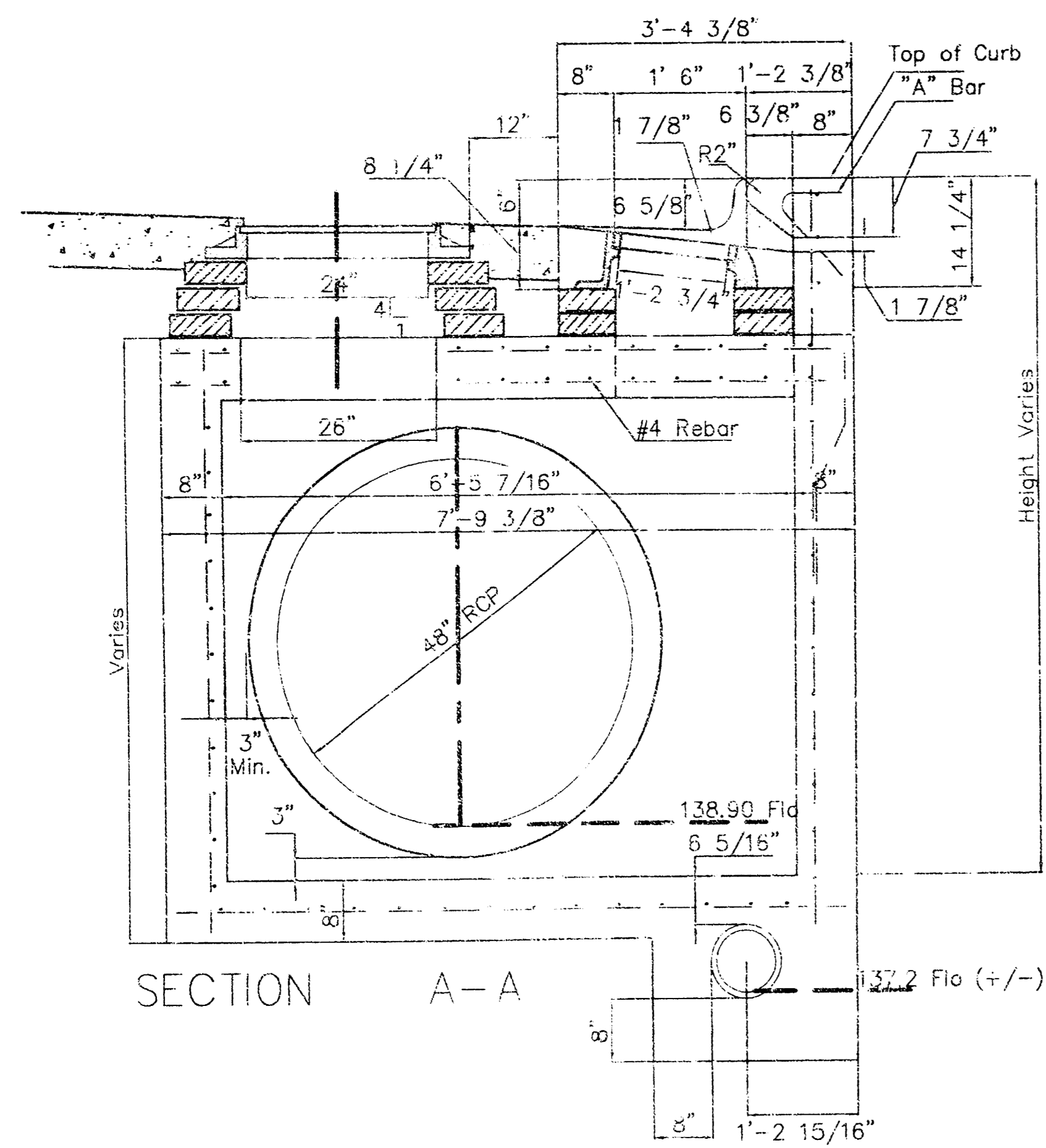
No.	Revised	By	Date

DATE: 07/15/03
DRAWN BY: KST
PROJECT NO.: 3800

SCALE: N.T.S.

SHEET NO. **ST-6**

ENGINEER:



Inlet Frame Weight = 180 lbs
MANHOLE RING AND COVER
 *See City of Wichita Standard Manhole Ring and Cover Detail Sheet for Cover Details to Be Used With Inlet Frame.

General Notes

1. Use the concrete mix specified for the City of Wichita concrete pavement throughout. All exposed edges shall be finished with an edging tool. Reinforcing bars shall be bent around pipe.
2. Inlet invert shall be shaped with 8 sack mix concrete to create flow channels and to increase hydraulic efficiency such that the inlet will be self cleaning between all inlet and/or outlet pipes.
3. All bars are #4 with 6" spacing and shall have a minimum clearance of 1 1/2" inches unless otherwise noted on the plans.
4. No deductions will be made in pay length of curb, gutter, or curb and gutter through the inlet area.
5. Use Neenah R-3288 HV Inlet Frame w/ two piece Grate or approved equal. Inlet frame to be proof load tested to 40,000 lbs. on unsupported side.
6. Reinforcing bars shall be cut or bent around pipes. No deduction in concrete quantities shall be made for pipe openings.
7. The vanes of the grate shall be oriented with respect to the flow arrows shown on the plans.
8. Around manhole opening in top slab use #5 bar @ 45° angle to other bars. Length = MH opening + 2'0"

<p>THE CITY OF WICHITA CITY ENGINEER'S OFFICE CITY HALL - SEVENTH FLOOR 455 NORTH MAIN STREET WICHITA, KANSAS 67202 (316) 268-4501 (316) 268-4114 FAX</p>	SPECIAL TYPE II INLET/MANHOLE INLET OPENING 6" x 4'-10 1/8"	
	M. E. LINDEBAK P.E. - CITY ENGINEER	
	PROJECT NUMBER XXX-XXXXX	INDEX CODE XXXXXX
	DATE MAR 96	SHEET NO. ST-8

