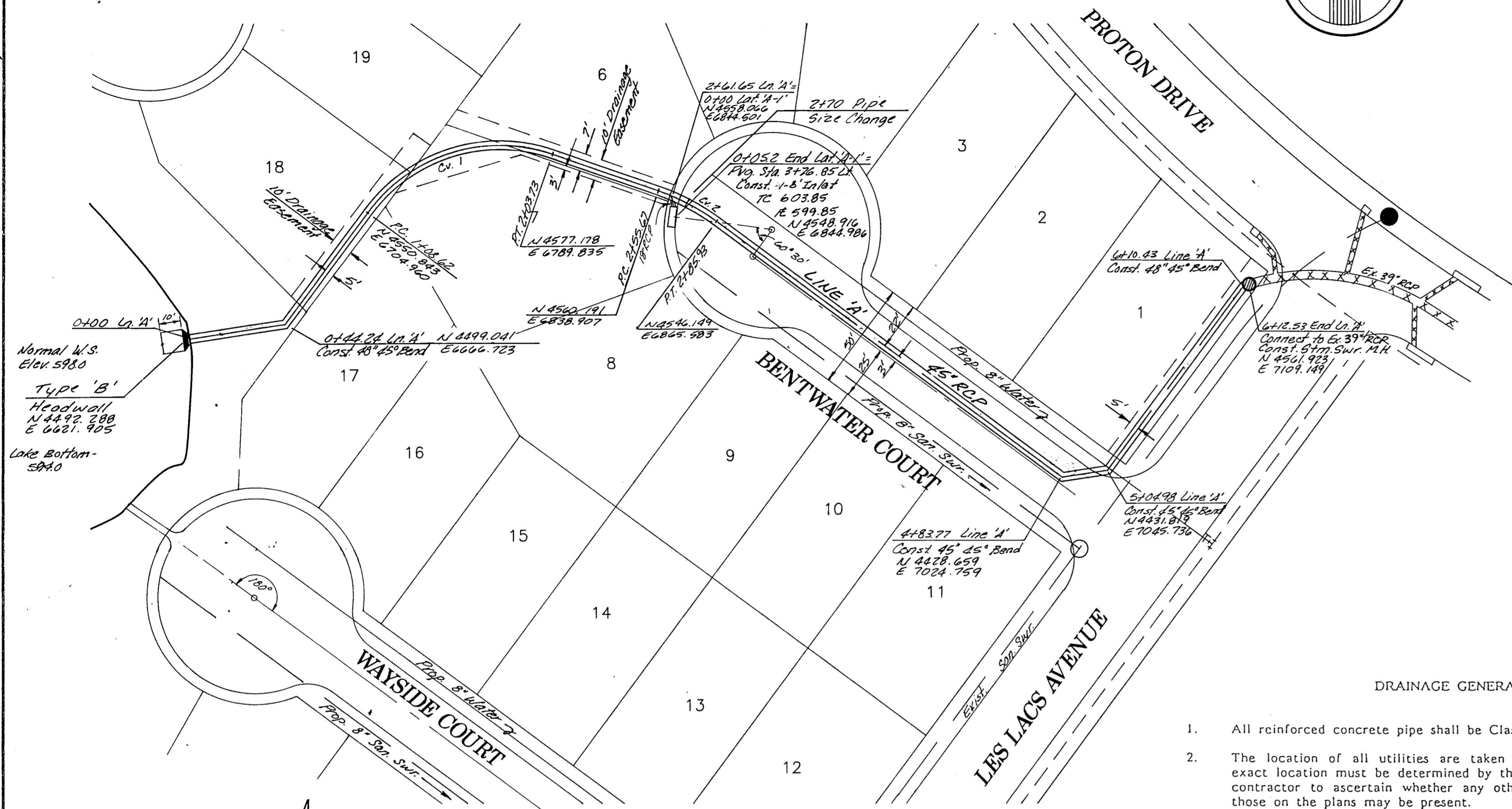
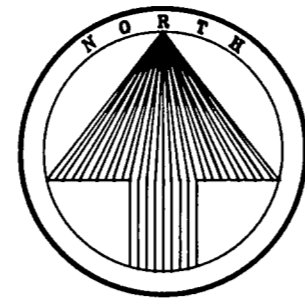


**Storm Sewer Curve Data**

Curve No. 1  
 Δ = 72°38'41"  
 R = 75.00  
 T = 55.15  
 L = 95.11

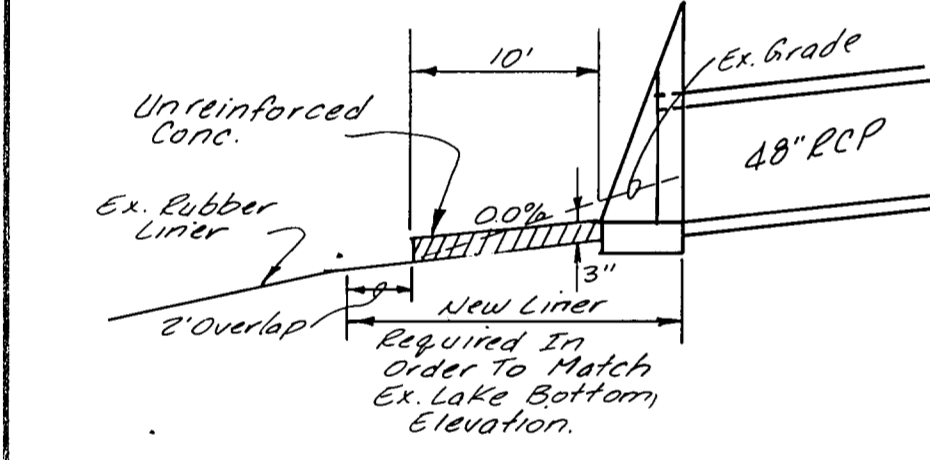
Curve No. 2  
 Δ = 17°20'19"  
 R = 100.00  
 T = 15.25  
 L = 30.26



Normal W.S.  
 Elev 595.0

Type 'B'  
 Headwall  
 N 44°22' 289  
 E 6621.905

Lake Bottom  
 594.0



**NOTES:**

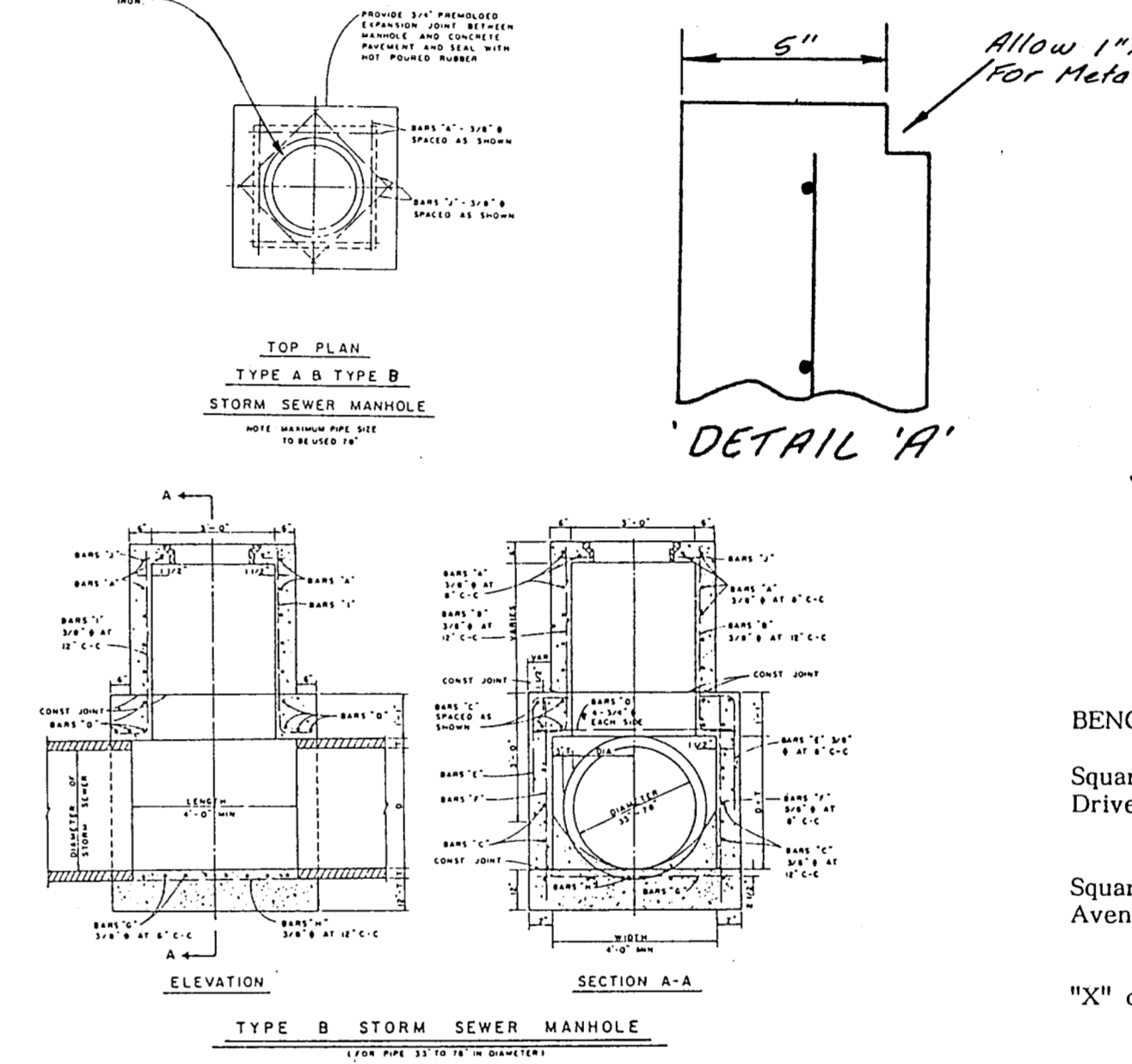
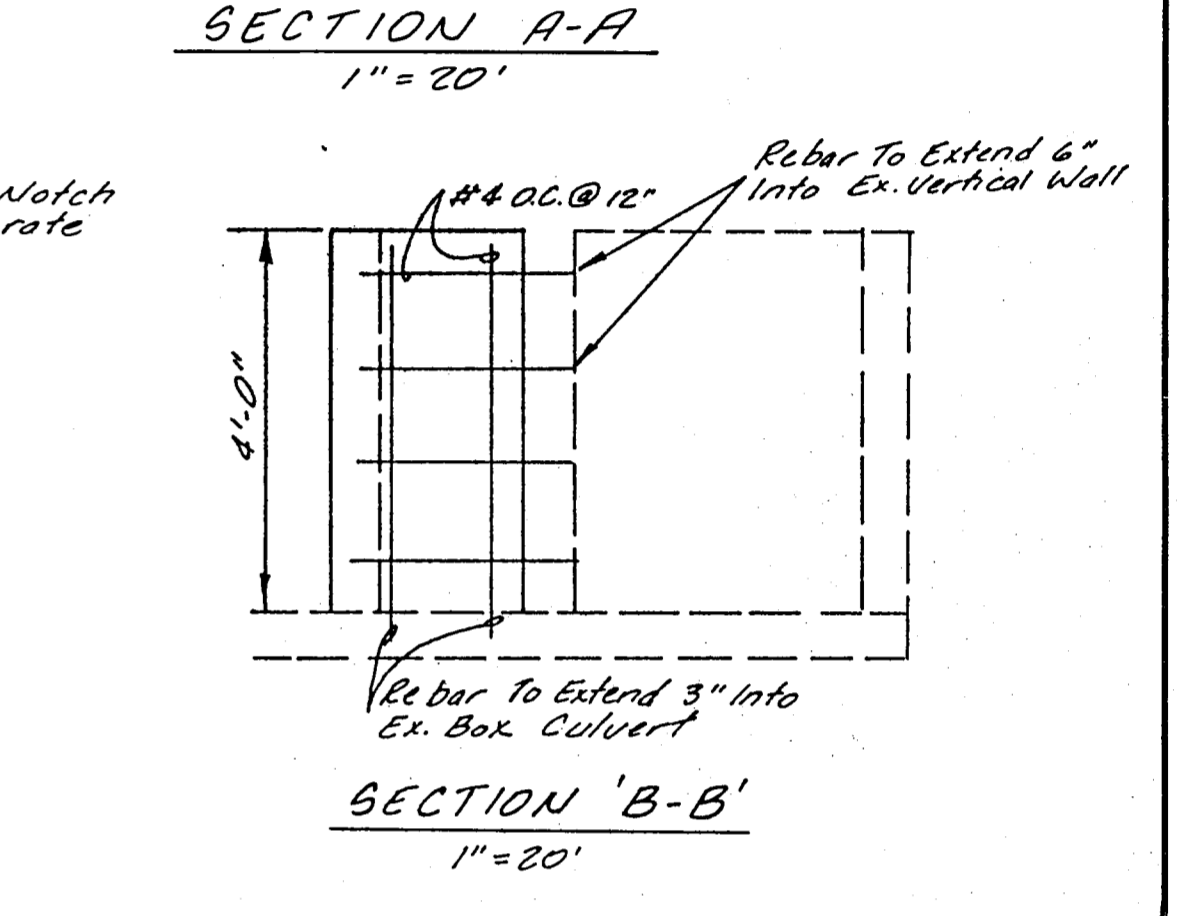
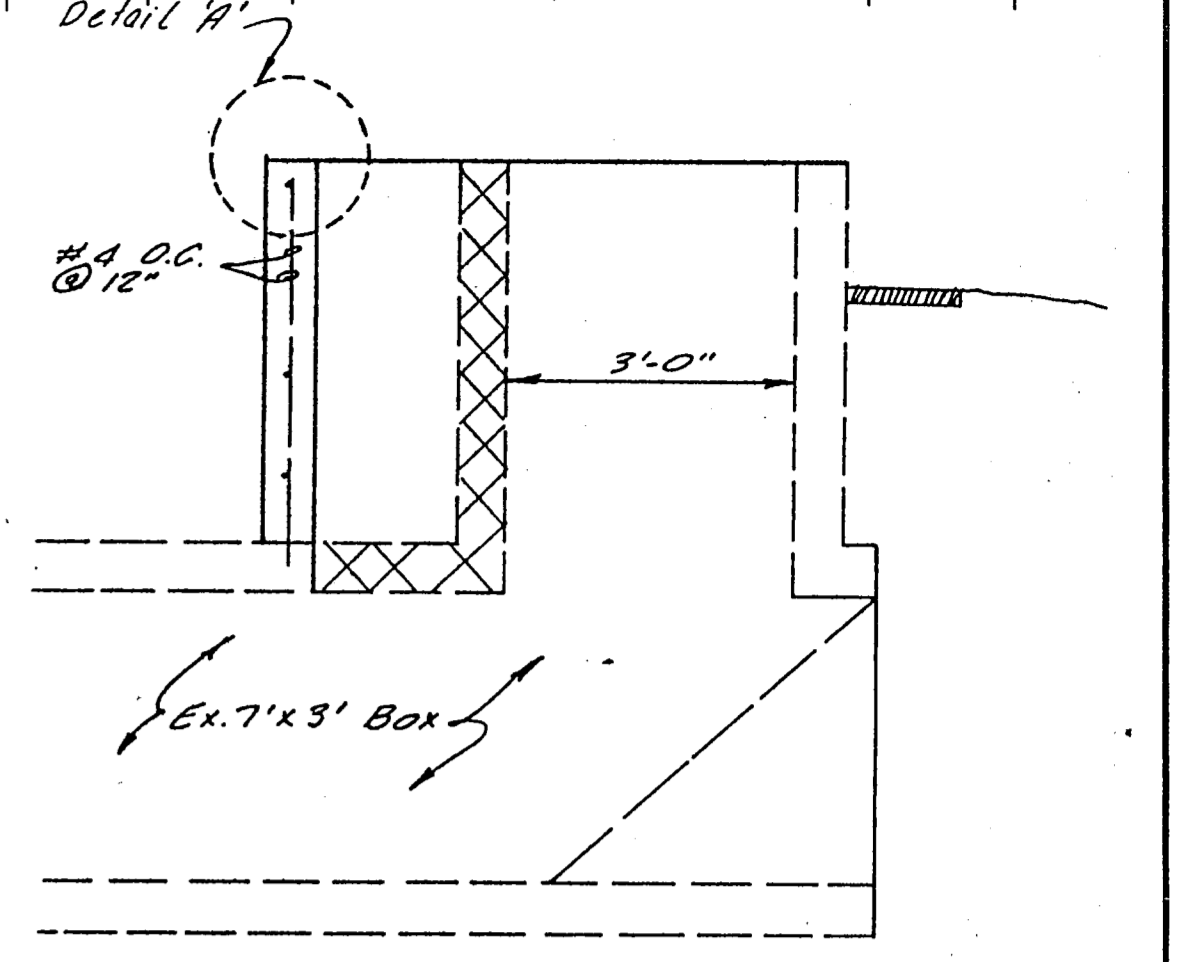
- Contractor shall minimize disturbance and removal of the concrete bank and rubber liner as much as possible.
- After installation of headwall, the concrete bank shall be restored with concrete to eliminate any leakage from the lake.
- Any unnecessary tears shall be repaired by a round or oval patch made of the same mil thickness and extend a minimum of 6 inches beyond the edge of defects.
- Installation of the rubber liner where required to match grade shall be oriented parallel to the line of maximum slope, i.e., oriented down the slope, not across the slope.

**DRAINAGE GENERAL NOTES**

- All reinforced concrete pipe shall be Class III unless otherwise noted.
- The location of all utilities are taken from existing public records. The exact location must be determined by the Contractor. It is the duty of the contractor to ascertain whether any other facilities (additional), other than those on the plans may be present.
- Embedment is subsidiary to RCP.
- All backfill shall be compacted to 95% Standard Proctor Density in a maximum of six 8" loose lifts. Moisture shall be from 0 to +3% of optimum.
- No precast inlets are allowed.
- All work and materials shall be in accordance with the Town of Addison Standards and Specifications and to contract specifications and documents.
- All curved storm sewers having a radius of less than 200 feet shall be constructed with factory beveled joints. No joints will be allowed to have a tongue exposed by more than one-half.

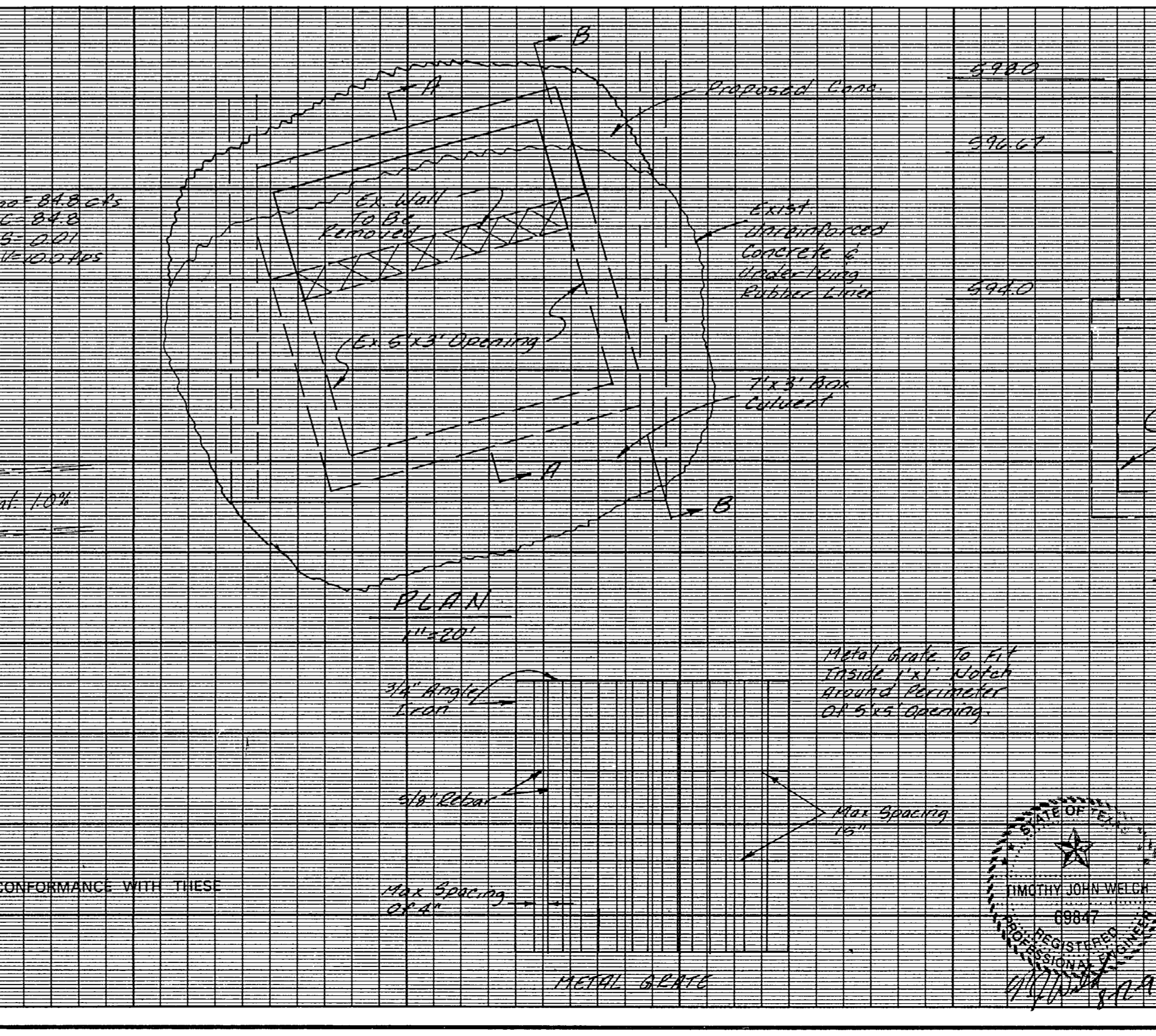
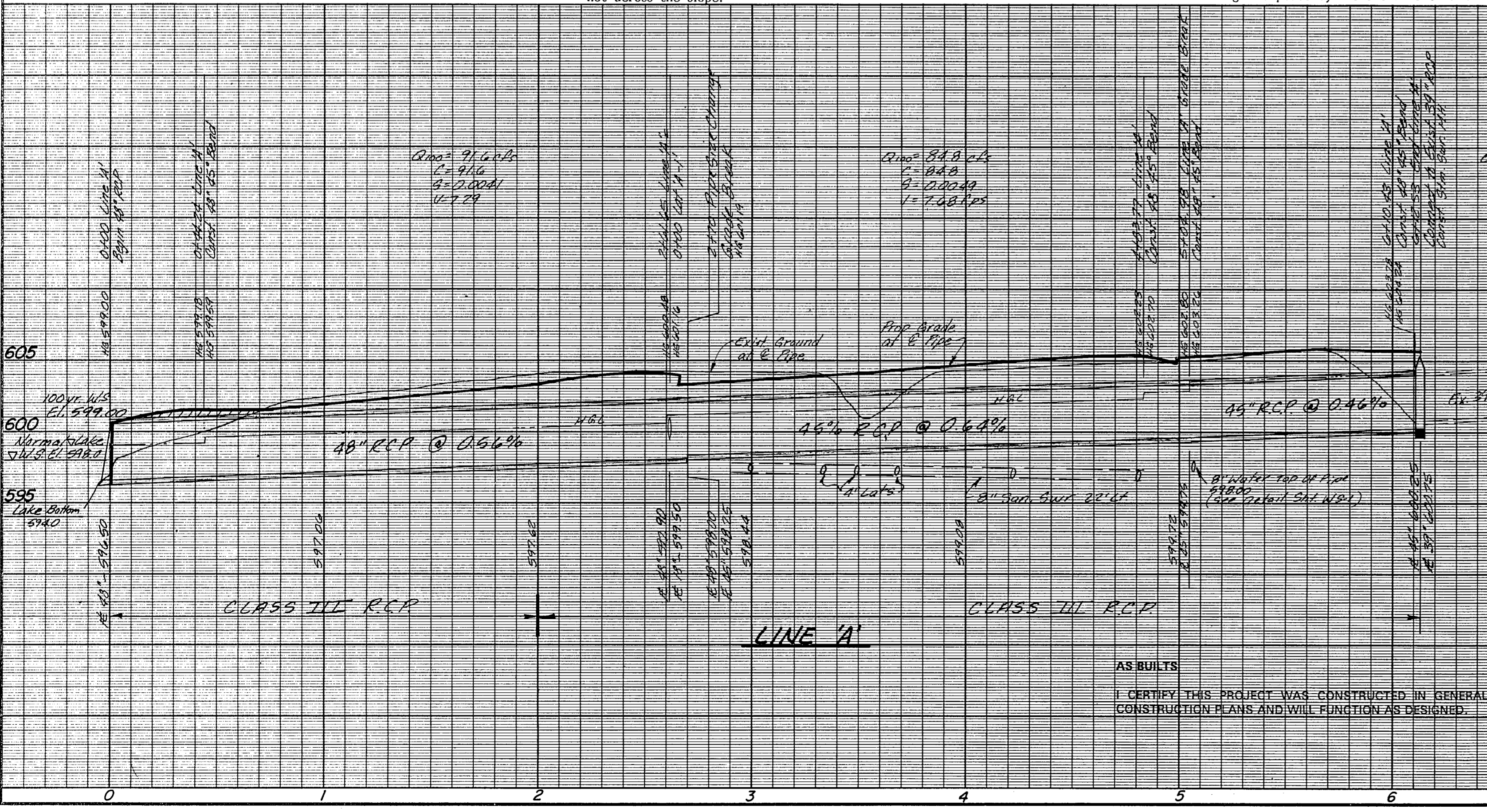
TABLE OF DIMENSIONS AND QUANTITIES FOR TWO TYPE A HEADWALLS										TABLE OF DIMENSIONS AND QUANTITIES FOR TWO TYPE B HEADWALLS									
TOTAL					TOTAL					TOTAL					TOTAL				
NO.	DESCRIPTION	QTY	UNIT	AMOUNT	NO.	DESCRIPTION	QTY	UNIT	AMOUNT	NO.	DESCRIPTION	QTY	UNIT	AMOUNT	NO.	DESCRIPTION	QTY	UNIT	AMOUNT
1	CONCRETE HEADWALL	2	SQ YD	12.00	1	CONCRETE HEADWALL	2	SQ YD	12.00	1	CONCRETE HEADWALL	2	SQ YD	12.00	1	CONCRETE HEADWALL	2	SQ YD	12.00
2	PIPE CULVERT	1	LINEAL FT	10.00	2	PIPE CULVERT	1	LINEAL FT	10.00	2	PIPE CULVERT	1	LINEAL FT	10.00	2	PIPE CULVERT	1	LINEAL FT	10.00
3	PIPE CULVERT	1	LINEAL FT	10.00	3	PIPE CULVERT	1	LINEAL FT	10.00	3	PIPE CULVERT	1	LINEAL FT	10.00	3	PIPE CULVERT	1	LINEAL FT	10.00
4	PIPE CULVERT	1	LINEAL FT	10.00	4	PIPE CULVERT	1	LINEAL FT	10.00	4	PIPE CULVERT	1	LINEAL FT	10.00	4	PIPE CULVERT	1	LINEAL FT	10.00
5	PIPE CULVERT	1	LINEAL FT	10.00	5	PIPE CULVERT	1	LINEAL FT	10.00	5	PIPE CULVERT	1	LINEAL FT	10.00	5	PIPE CULVERT	1	LINEAL FT	10.00
6	PIPE CULVERT	1	LINEAL FT	10.00	6	PIPE CULVERT	1	LINEAL FT	10.00	6	PIPE CULVERT	1	LINEAL FT	10.00	6	PIPE CULVERT	1	LINEAL FT	10.00
7	PIPE CULVERT	1	LINEAL FT	10.00	7	PIPE CULVERT	1	LINEAL FT	10.00	7	PIPE CULVERT	1	LINEAL FT	10.00	7	PIPE CULVERT	1	LINEAL FT	10.00
8	PIPE CULVERT	1	LINEAL FT	10.00	8	PIPE CULVERT	1	LINEAL FT	10.00	8	PIPE CULVERT	1	LINEAL FT	10.00	8	PIPE CULVERT	1	LINEAL FT	10.00
9	PIPE CULVERT	1	LINEAL FT	10.00	9	PIPE CULVERT	1	LINEAL FT	10.00	9	PIPE CULVERT	1	LINEAL FT	10.00	9	PIPE CULVERT	1	LINEAL FT	10.00
10	PIPE CULVERT	1	LINEAL FT	10.00	10	PIPE CULVERT	1	LINEAL FT	10.00	10	PIPE CULVERT	1	LINEAL FT	10.00	10	PIPE CULVERT	1	LINEAL FT	10.00
11	PIPE CULVERT	1	LINEAL FT	10.00	11	PIPE CULVERT	1	LINEAL FT	10.00	11	PIPE CULVERT	1	LINEAL FT	10.00	11	PIPE CULVERT	1	LINEAL FT	10.00
12	PIPE CULVERT	1	LINEAL FT	10.00	12	PIPE CULVERT	1	LINEAL FT	10.00	12	PIPE CULVERT	1	LINEAL FT	10.00	12	PIPE CULVERT	1	LINEAL FT	10.00
13	PIPE CULVERT	1	LINEAL FT	10.00	13	PIPE CULVERT	1	LINEAL FT	10.00	13	PIPE CULVERT	1	LINEAL FT	10.00	13	PIPE CULVERT	1	LINEAL FT	10.00
14	PIPE CULVERT	1	LINEAL FT	10.00	14	PIPE CULVERT	1	LINEAL FT	10.00	14	PIPE CULVERT	1	LINEAL FT	10.00	14	PIPE CULVERT	1	LINEAL FT	10.00
15	PIPE CULVERT	1	LINEAL FT	10.00	15	PIPE CULVERT	1	LINEAL FT	10.00	15	PIPE CULVERT	1	LINEAL FT	10.00	15	PIPE CULVERT	1	LINEAL FT	10.00
16	PIPE CULVERT	1	LINEAL FT	10.00	16	PIPE CULVERT	1	LINEAL FT	10.00	16	PIPE CULVERT	1	LINEAL FT	10.00	16	PIPE CULVERT	1	LINEAL FT	10.00
17	PIPE CULVERT	1	LINEAL FT	10.00	17	PIPE CULVERT	1	LINEAL FT	10.00	17	PIPE CULVERT	1	LINEAL FT	10.00	17	PIPE CULVERT	1	LINEAL FT	10.00
18	PIPE CULVERT	1	LINEAL FT	10.00	18	PIPE CULVERT	1	LINEAL FT	10.00	18	PIPE CULVERT	1	LINEAL FT	10.00	18	PIPE CULVERT	1	LINEAL FT	10.00
19	PIPE CULVERT	1	LINEAL FT	10.00	19	PIPE CULVERT	1	LINEAL FT	10.00	19	PIPE CULVERT	1	LINEAL FT	10.00	19	PIPE CULVERT	1	LINEAL FT	10.00

Revisions	Date	Description	Drawn By	Checked By



**BENCHMARKS:**

- Square cut on 14' recessed inlet on north curb line at the intersection of Beltway Drive and Proton Drive. Elev. 596.53
- Square cut on top of inlet at northwest corner of Proton Drive and Les Lacs Avenue. Elev. 607.35
- "X" cut in centerline of Les Lacs Avenue, 250' ± west of Proton Drive. Elev. 601.88



**STORM SEWER PLAN & PROFILES**

**WATERFORD PARK I**

TOWN OF ADDISON, TEXAS

**THE NELSON CORPORATION**  
 LAND PLANNING • ENGINEERING • SURVEYING

5999 SUMMERSIDE DRIVE • SUITE 202 • DALLAS, TEXAS 75252 • (214) 380-2605

DESIGN	DRAWN	DATE	SCALE	FILE	SHEET NO.
TNC	TNC	AUG. 1991	1"=40'H 1"=6'V	90025-5	<b>DR-1</b>

ACR/ENC 11/11/15 15:02:55