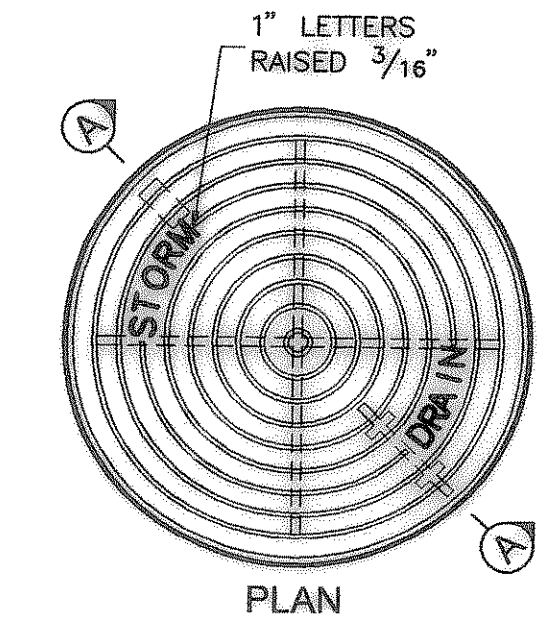
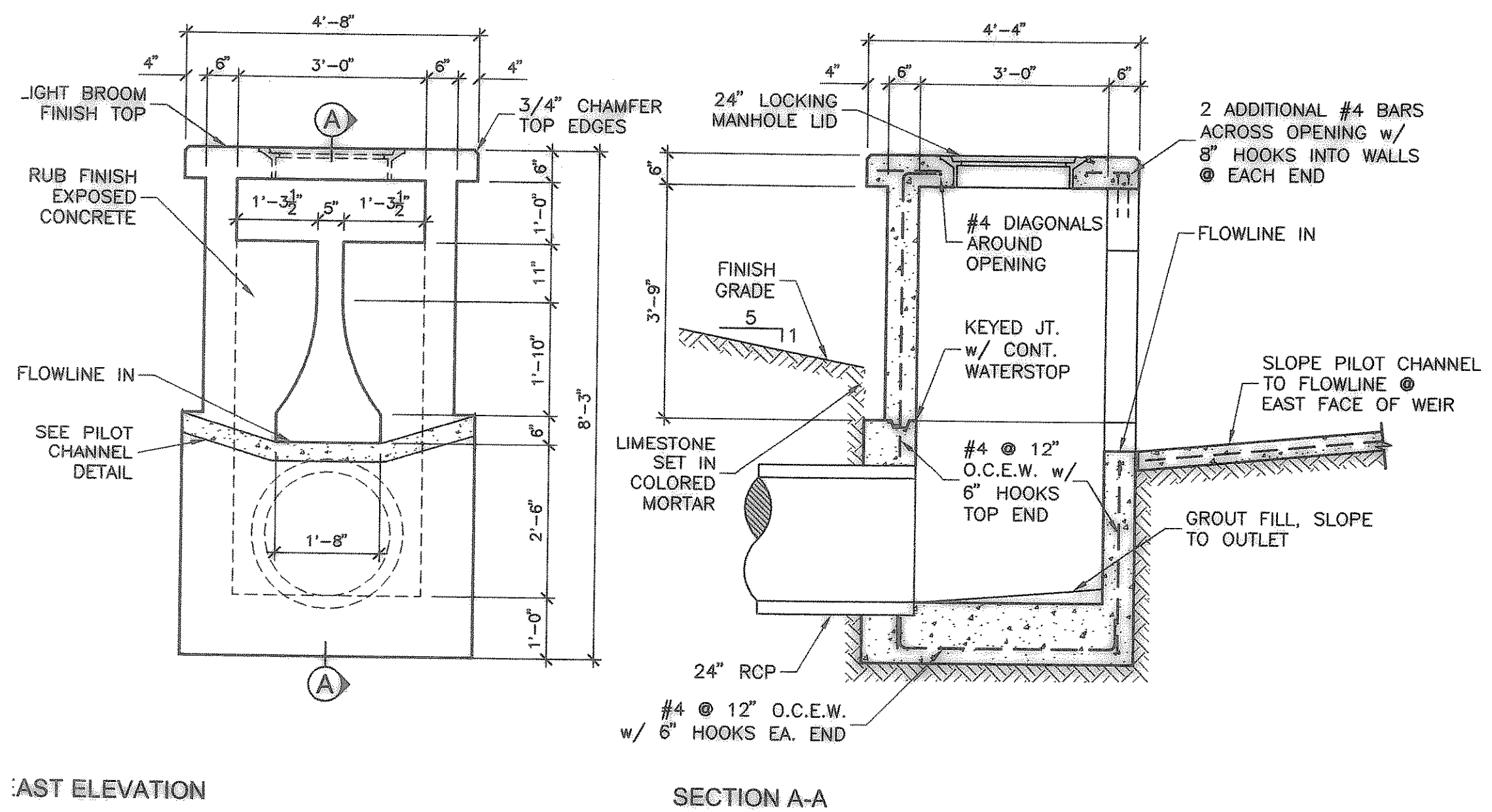
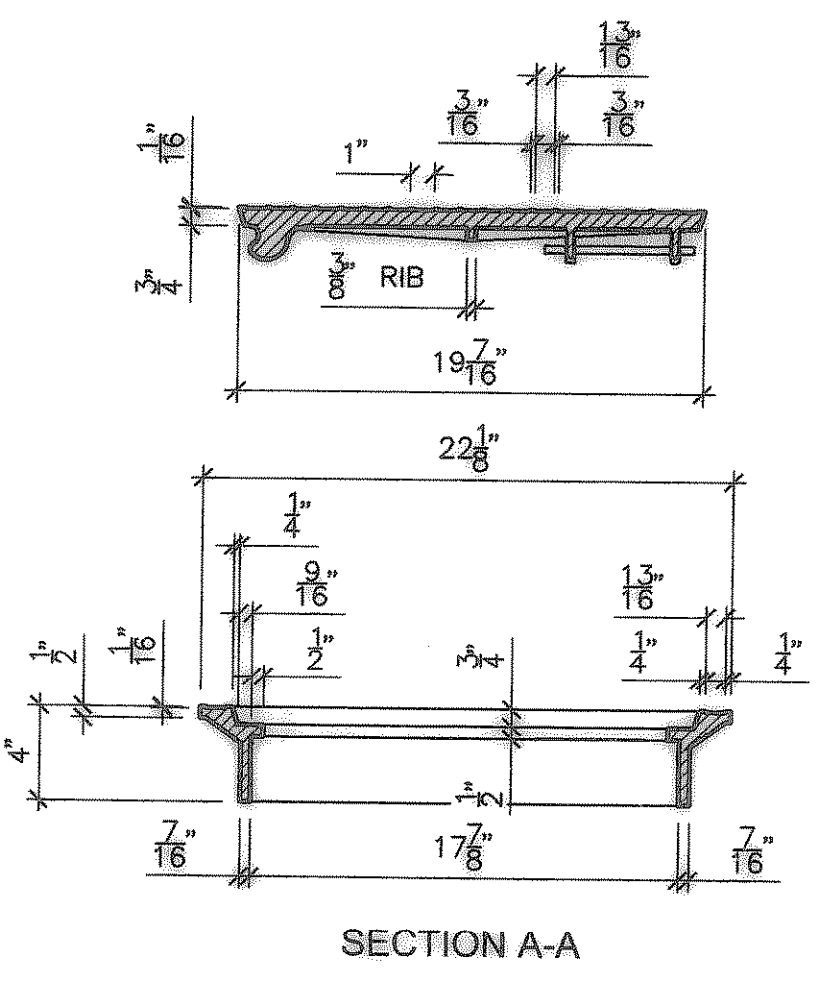


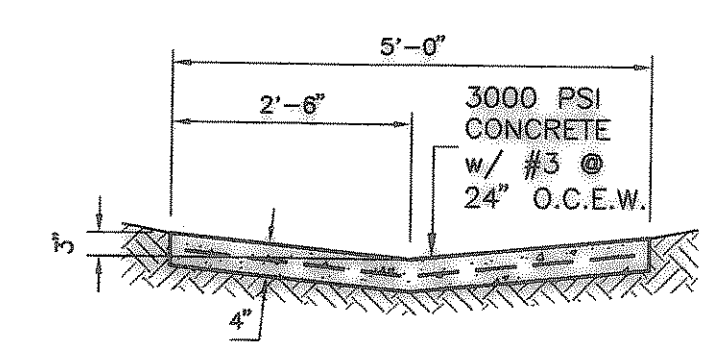
Revisions:  
 1 REGRADE LINE "C"  
 ISSUED 04/26/2005



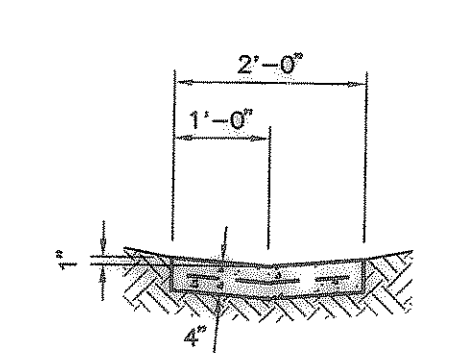
INLET COVER & FRAME  
 1-1/2' = 1'-0"



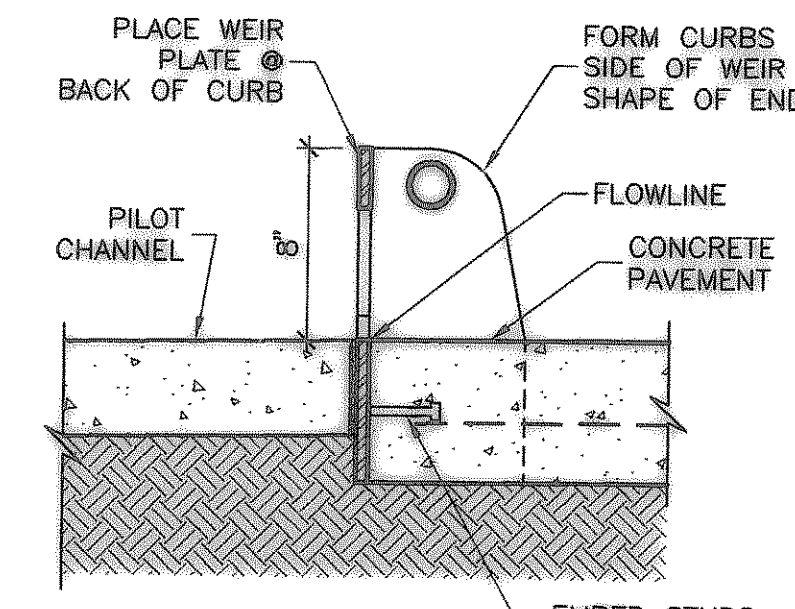
SECTION A-A



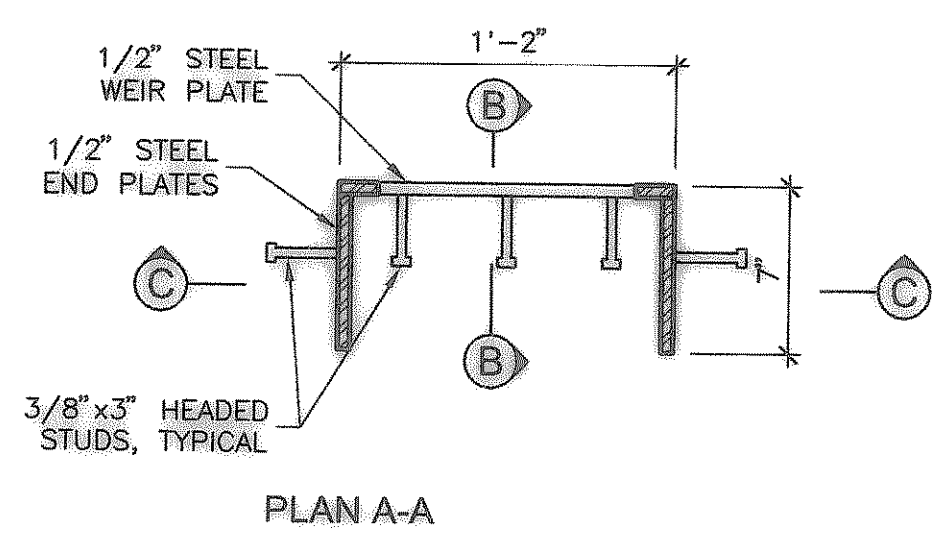
2 PILOT CHANNEL  
 1/2" = 1'-0"



3 PILOT CHANNEL  
 1/2" = 1'-0"



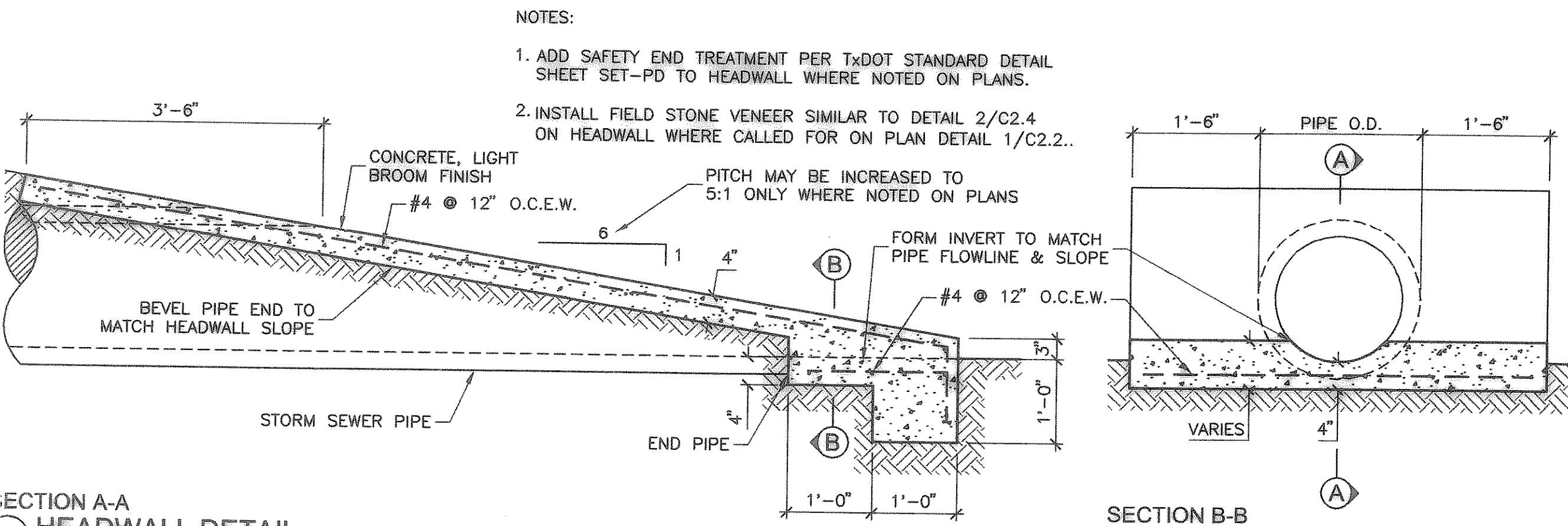
SECTION B-B INSTALLED



PLAN A-A

NOTES:  
 ALL JOINTS SHALL BE FULLY WELDED AND GROUND SMOOTH.  
 ALL EXPOSED EDGES SHALL BE GROUND SMOOTH.  
 HOT-DIP GALVANIZE ENTIRE ASSEMBLY AFTER FABRICATION.

1 SUTRO WEIR OUTLET STRUCTURE  
 1/2" = 1'-0"

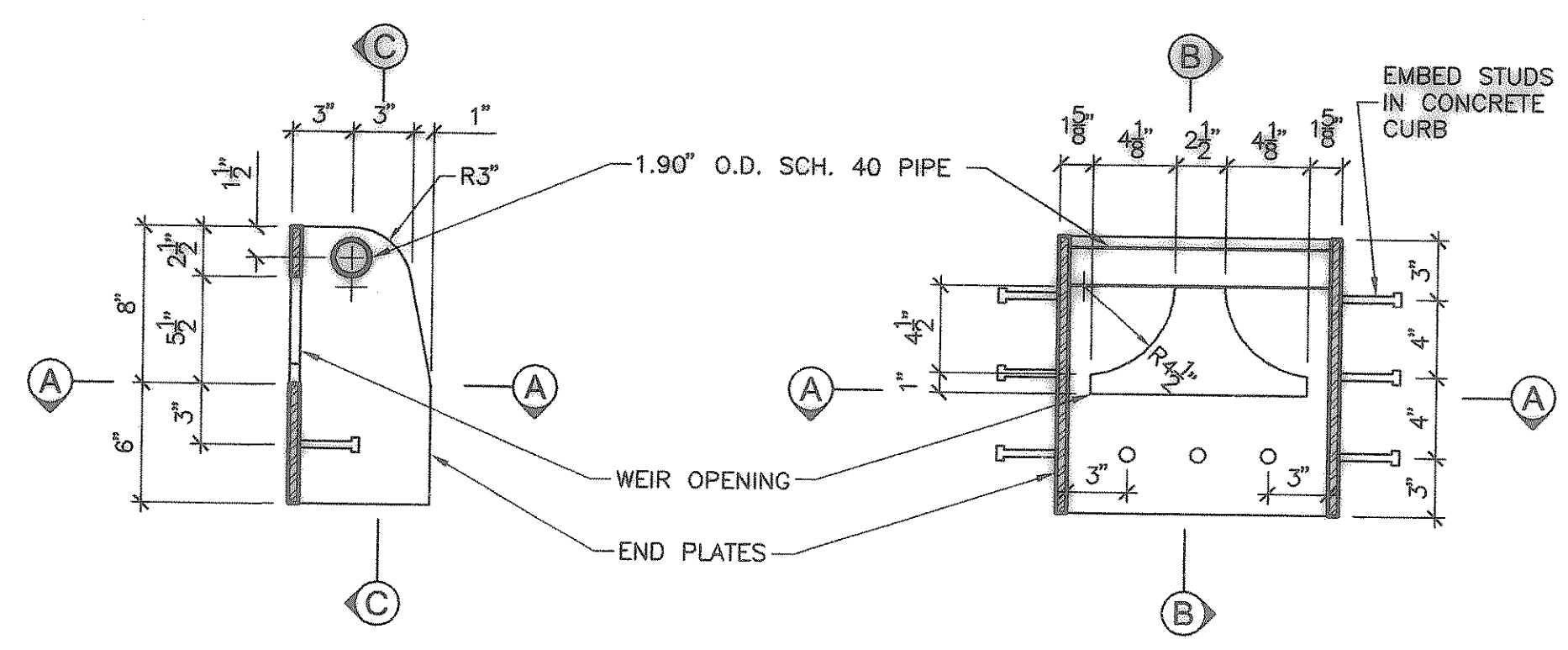


SECTION A-A  
 4 HEADWALL DETAIL  
 3/4" = 1'-0"

TRENCH WIDTH FOR REINFORCED CONCRETE PIPE WALL 'B'

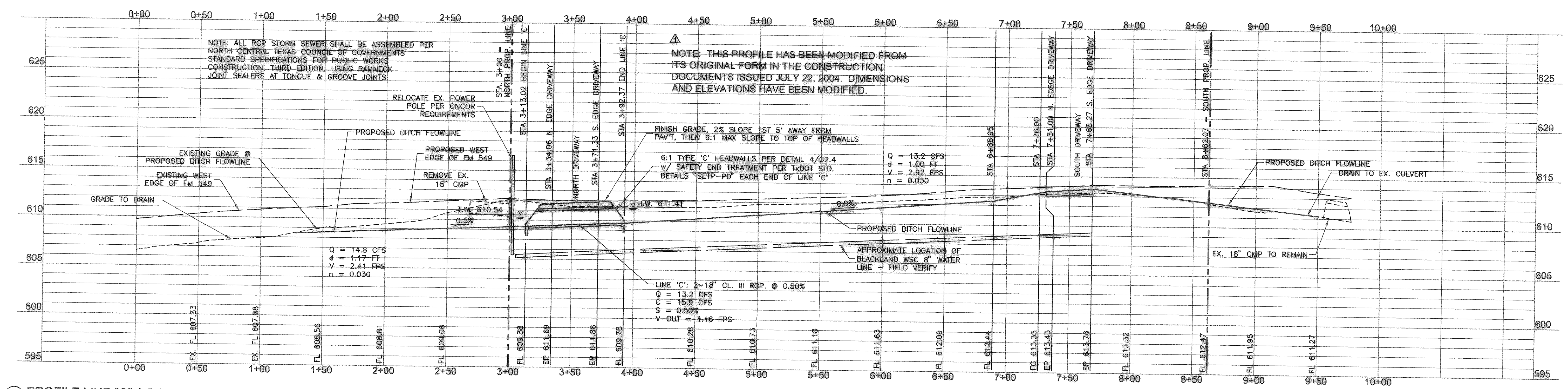
NOMINAL PIPE DIAMETER (INCHES)	Bc TRENCH OUTSIDE DIAMETER (INCHES)	Bd TRENCH WIDTH (INCHES)	Bd TRENCH WIDTH (FEET)
15	19.0	36	3.00
18	23.0	39	3.25
21	26.5	42	3.50
24	30.0	45	3.75
27	33.5	48	4.00
30	37.0	51	4.25
33	40.5	54	4.50
36	44.0	57	4.75
39	47.5	60	5.00
42	51.0	63	5.25
45	54.5	66	5.50
48	58.0	69	5.75
51	61.5	72	6.00
54	65.0	75	6.25
57	68.5	78	6.50
60	72.0	81	6.75
63	75.5	84	7.00
66	79.0	87	7.25
69	82.5	90	7.50
72	86.0	93	7.75
75	89.5	96	8.00
78	93.0	99	8.25
81	96.5	102	8.50
84	100.0	105	8.75
87	103.5	108	9.00

- STANDARD GRADATION CRUSHED STONE - PLACE TOP LAYER AT SLOPE OF PIPE TO PROVIDE UNIFORM SUPPORT OF PIPE BARREL. EXCAVATE BELL HOLES.
  - SELECT MATERIAL FREE OF ROCKS, CLUMPS OR DEBRIS LARGER THAN 6" IN GREATEST DIMENSION. COMPACT TO 95% STANDARD PROCTOR DENSITY UNDER STRUCTURES, ROADWAYS, AND PAVEMENT. COMPACT TO 90% STANDARD PROCTOR DENSITY AT ALL OTHER LOCATIONS. MOISTURE CONTENT SHALL BE 0-4% ABOVE OPTIMUM IN EACH CASE. DO NOT SUBSTITUTE GRANULAR MATERIAL FOR SELECT MATERIAL.
- 5 STORM SEWER EMBEDMENT AS NOTED



SECTION B-B  
 6 CURB WEIR  
 1 1/2" = 1'-0"

SECTION C-C



7 PROFILE LINE "C" & DITCH REGRADE @ WEST SIDE FM 549  
 1" = 40' HORIZONTAL 1" = 5' VERTICAL

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 New Auditorium and Education Facilities  
 485 North FM 549, Rockwall, Texas 75087

DRAINAGE DETAILS  
**RECORD DRAWING**  
 (ALL REVISIONS ARE BASED UPON NOTES AND COMMENTS SUBMITTED BY FRANK DALE CONSTRUCTION CO., LTD.)

Date: 8-4-2005  
 Scale: AS NOTED  
 Drawn: FMI  
 Job: 2002-10  
 Sheet Number:

C2.4