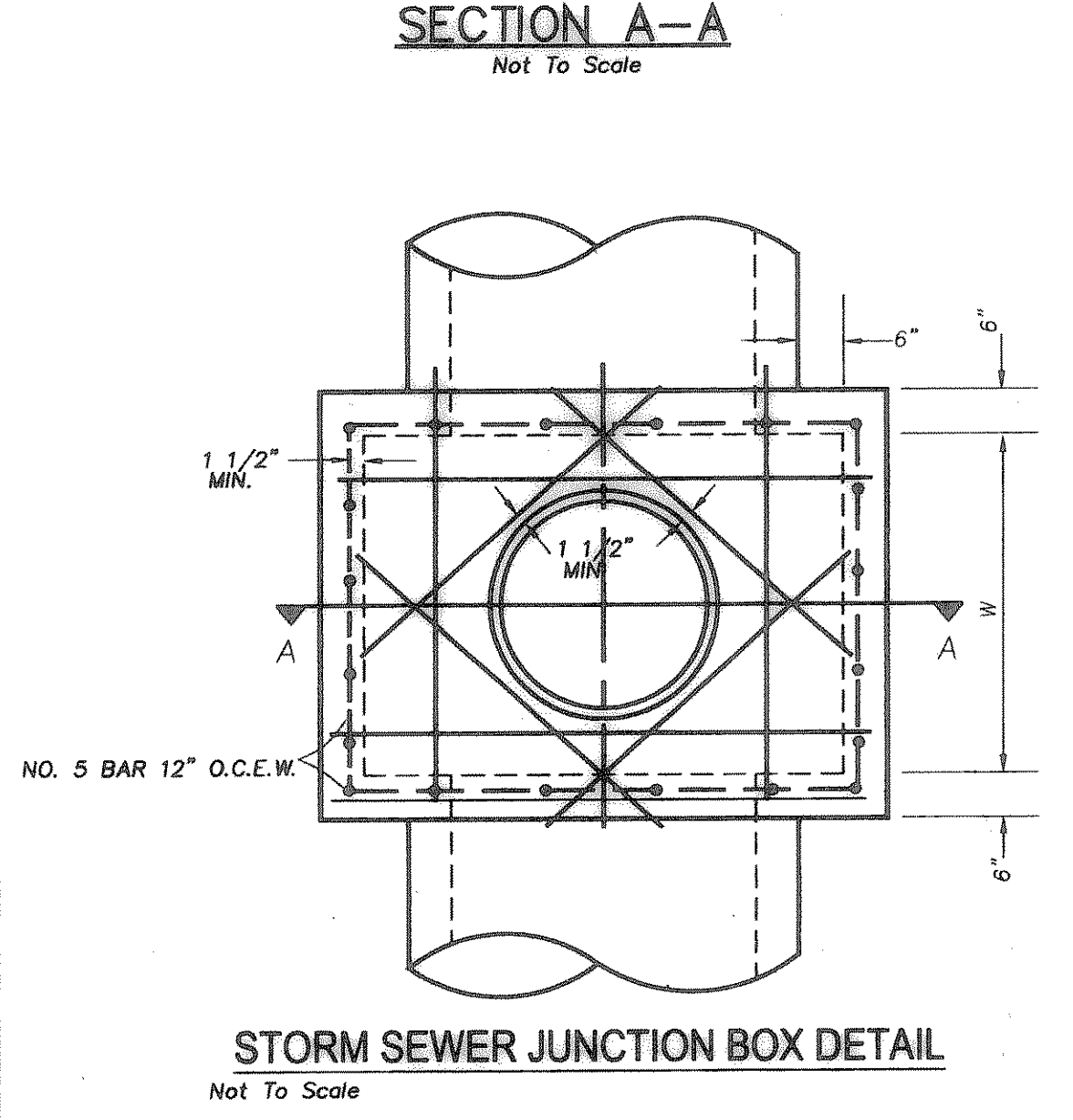
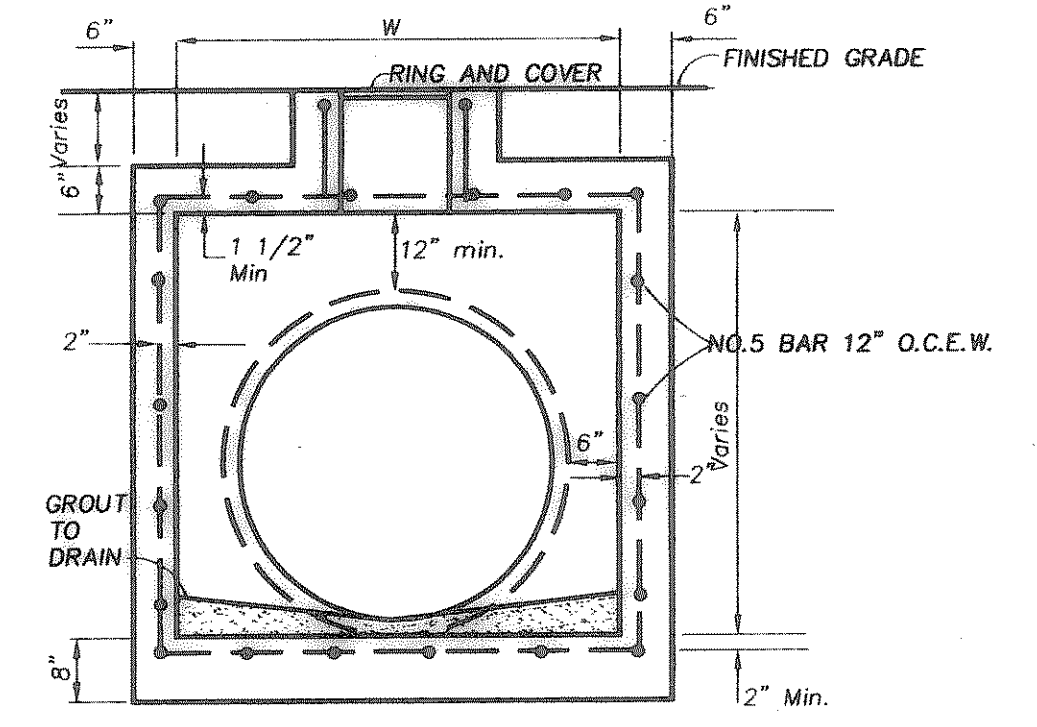
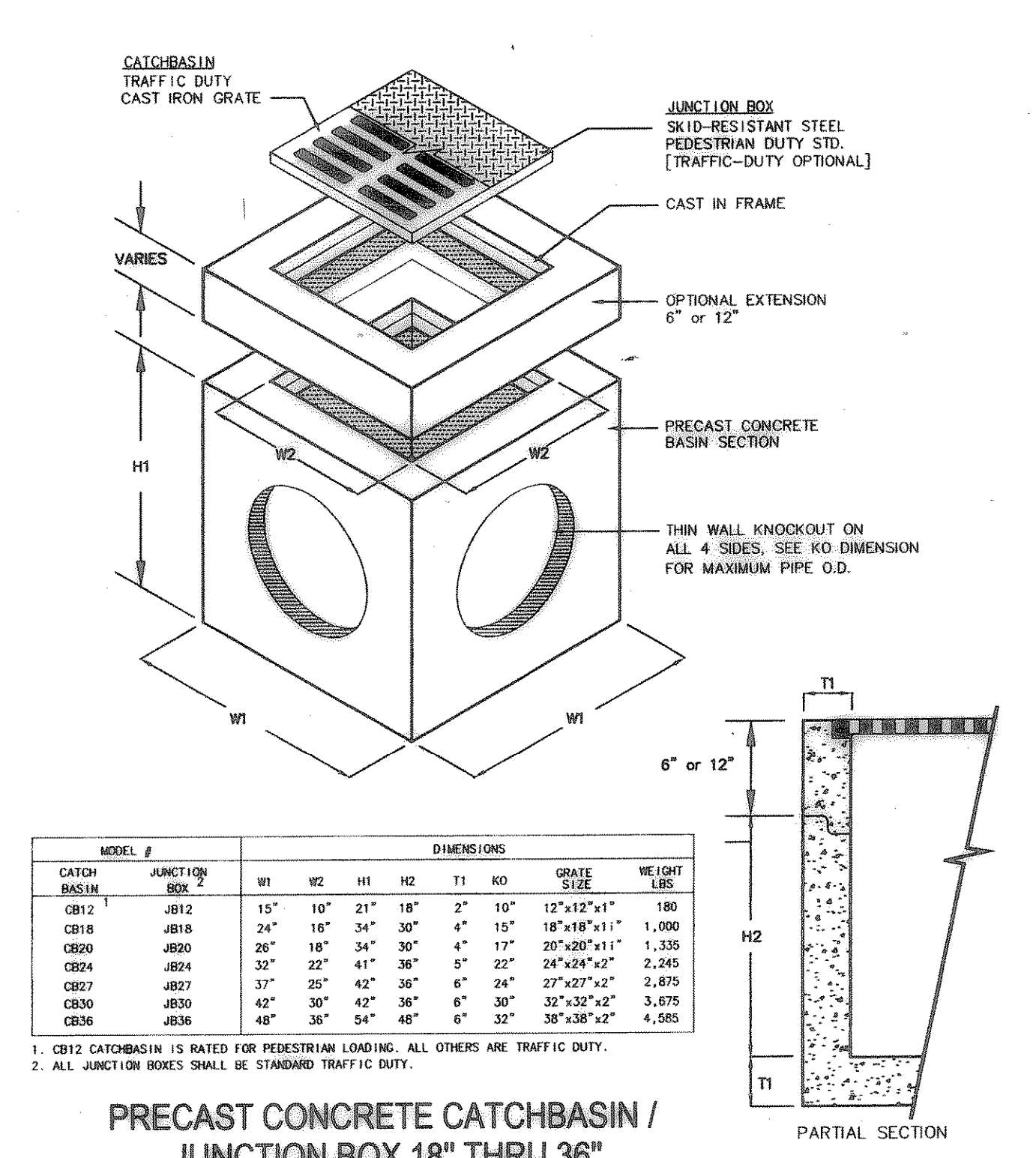


X	H	Y	W		
HW18	2'-11"	2'-6"	2'-0"	4'-7/8"	FOR 12",15",18" RCP WT. 3000#
HW24	3'-6"	3'-0"	3'-0"	5'-9 3/4"	FOR 21",24" RCP WT. 5000#
HW30	4'-8"	4'-0"	4'-0"	7'-6"	FOR 27",30" RCP WT. 8000##
HW36	4'-8"	4'-6"	6'-0"	9'-0"	FOR 33",36" RCP WT. 10,000#

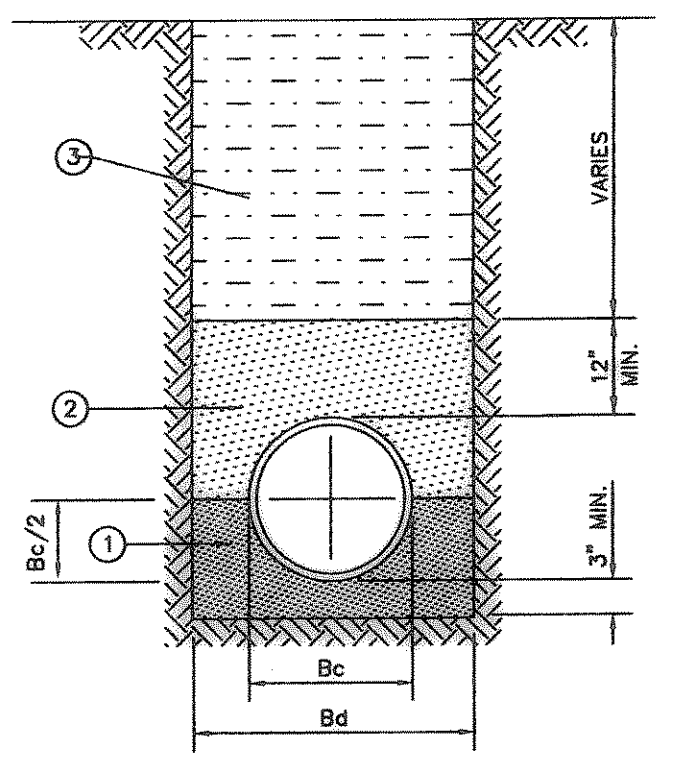
ALL EDGES CHAMFERED 3/4"

CONCRETE AND STEEL SPECIFICATIONS DESIGNED TO MEET TEXAS HIGHWAY DEPARTMENT STANDARDS

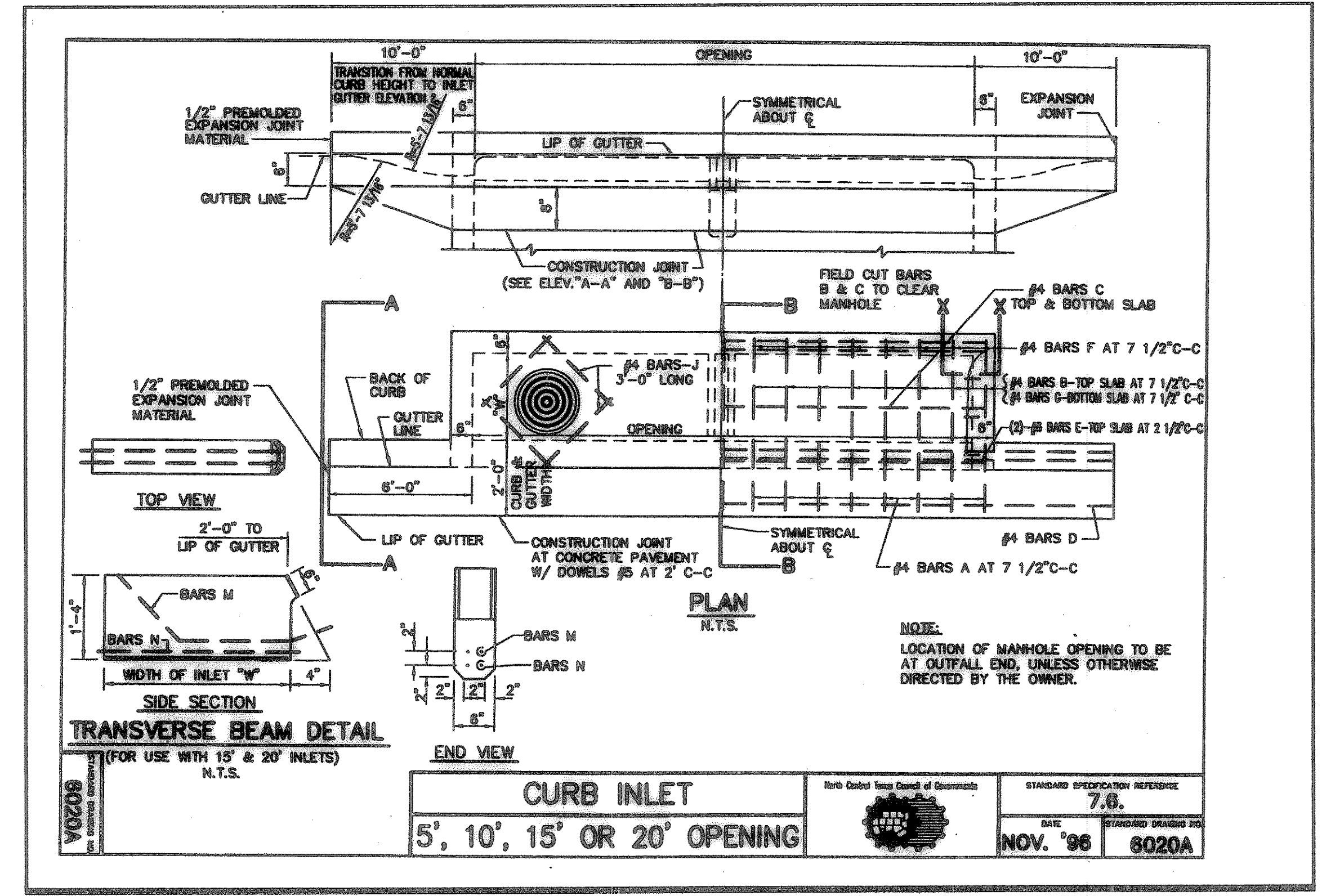


- NOTES:
1. JUNCTION BOX FLOWLINE TO MATCH STORM SEWER FLOWLINE.
 2. ALL STEEL TO BE GRADE 60, NO. 5 BAR 12" O.C.E.W. EACH FACE.
 3. CONCRETE TO BE 4200 PSI, (6 1/2" SACK) 28 DAYS.
 4. GROUT FLOOR TO DRAIN.
 5. RING & COVER FOR JB4 TO BE NEENAH FOUNDRY NO. R-1915-D OR APPROVED EQUIVALENT.
 6. RISER TO BE MONOLITHIC WITH JUNCTION BOX.

These Drawings have been modified to conform to the Construction Records.
Glenn Engineering Corporation
By: [Signature] Date: 10-15-04



1. FINE GRADATION CRUSHED STONE - TOP LAYER IS TO BE PLACED TO GRADE TO PROVIDE UNIFORM SUPPORT OF PIPE BARREL. EXCAVATE BELL HOLES.
2. SELECT MATERIAL FREE OF ROCKS, CLUMPS OR DEBRIS LARGER THAN 6" IN GREATEST DIMENSION. COMPACT TO 90% STANDARD PROCTOR DENSITY. UNDER STRUCTURES, ROADWAYS AND PAVEMENT, USE NON-GRANULAR MATERIAL COMPACTED TO 95% STANDARD PROCTOR DENSITY. (NO SAND PERMITTED ABOVE STONE)
3. SELECT MATERIAL FREE OF ROCKS, CLUMPS OR DEBRIS LARGER THAN 6" IN GREATEST DIMENSION. COMPACT TO 90% STANDARD PROCTOR DENSITY. UNDER STRUCTURES, ROADWAYS AND PAVEMENT, COMPACT TO 95% STANDARD PROCTOR DENSITY.



DATE: MAY 8, 2003
DRAWN BY: TJC
CHECKED: TJC
SCALE: AS SHOWN
JOB NO: 1144102110
REVISED: 11/14/02
Aug. 12, 2003

SPRINGER ELEMENTARY SCHOOL
ROCKWALL INDEPENDENT SCHOOL DISTRICT
ROCKWALL, TEXAS

FINAL PLANS FOR BIDDING AND CONSTRUCTION

STATE OF TEXAS
THOMAS J. CASEY IV
COMMISSIONER OF PUBLIC SAFETY
86213
08-12-03

SHW Group Inc.
Architects + Engineers

SHEET NUMBER: C 2.15
OF: []
SET NUMBER: []

GLENN ENGINEERING
PHONE 972-77-8888 FAX 972-77-8788
195 DECKER COURT - SUITE 810 IRVING, TEXAS 75038

STORM SEWER DETAILS
N.T.S.

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