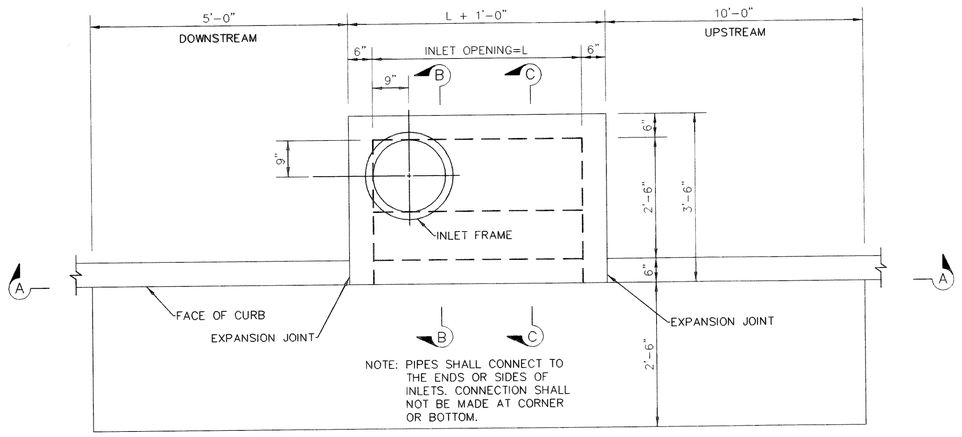
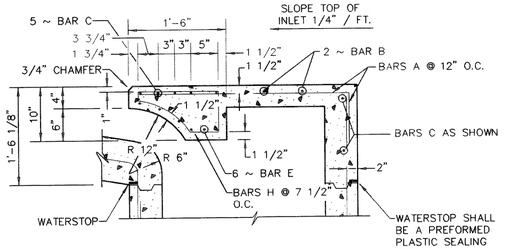
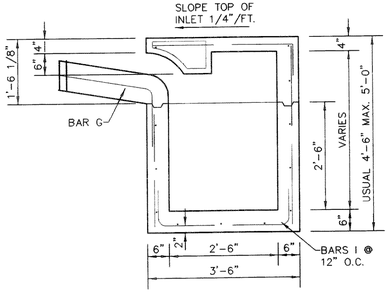


PLAN – STANDARD INLET
CURB INLET DETAILS



SECTION "C–C"
NOT TO SCALE



SECTION "B–B"
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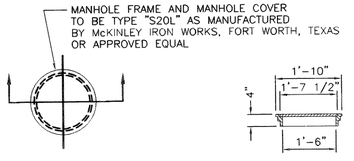


PLAN SECTION

NOTES:
1. SLOPE THE BOTTOM OF THE INLET TOWARDS THE PIPE OPENING AT MINIMUM RATE OF 1/2" PER FOOT.
2. CONCRETE SHALL BE CLASS 'A' CONCRETE (THD SPECIFICATION ITEM 421).
3. LATERAL MAY ENTER INLET ON ANY SIDE.
4. PRECAST INLETS PERMITTED.
5. CONCRETE TO BE 4,200 PSI, (6 1/2 SACK) 28 DAYS.

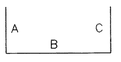
INLET MANHOLE FRAME AND COVER
NOT TO SCALE

REINFORCING STEEL SCHEDULE

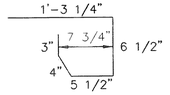
DIMENSIONS SHOWN ARE FOR MAX. SIZE INLETS

INLET LENGTH L	BAR TYPE	BAR DIA. (1/8")	NO. REQD.	BAR DIMENSIONS A	B	C
6 FT.	A	3	9	3'-2"	0'-3"	---
	B	3	1	4'-10"	---	---
	C	4	15	6'-8"	0'-6"	---
10 FT.	D	4	5	4'-8"	---	---
	F	4	1	3'-2"	---	---
	G	3	5	2'-0"	1'-3"	---
	H	3	3	*	*	*
	N	3	3	3'-2"	3'-2"	3'-2"

* SEE DIAGRAM FOR DIMENSIONS

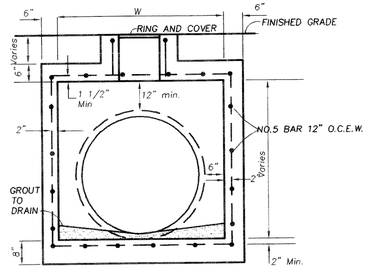


TYPICAL BAR BENDING

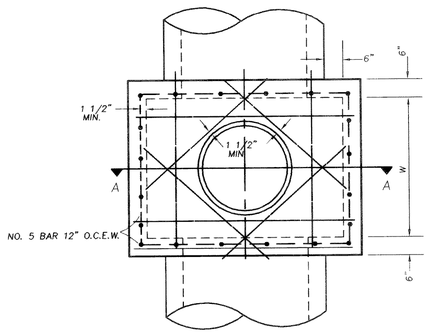


BAR H

REINFORCING DETAILS

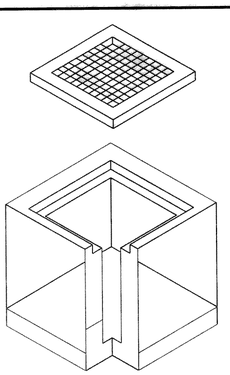


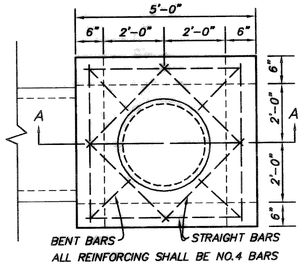
SECTION A–A
Not To Scale



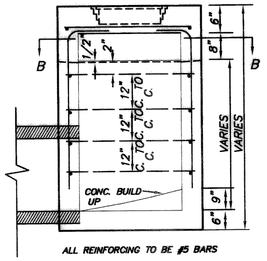
STORM SEWER JUNCTION BOX DETAIL
Not To Scale

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 4,200 PSI, (5 SACK) 28 DAYS.
4. GROUT FLOOR TO DRAIN.
5. RING & COVER FOR JB4 TO BE NEENAH FOUNDRY NO. R-1915-D OR APPROVED EQUIVALENT.
7. RISER TO BE MONOLITHIC WITH JUNCTION BOX.

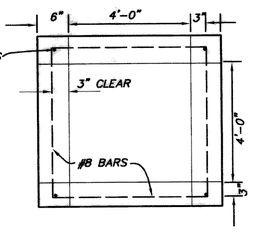




PLAN
NTS

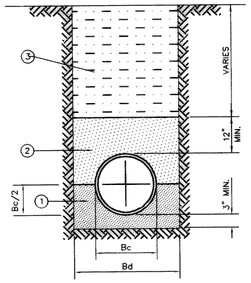


SECTION A-A
NTS



SECTION B-B
NTS

DROP INLET
(OPTIONAL IN PLACE OF AREA DRAIN)



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.

CLASS "B+" EMBEDMENT
ROOF DRAIN LINES AND
STORM SEWER LINES

STORM SEWER DETAILS
N.T.S.

These Drawings have been modified to conform to the Construction Records.
Glenn Engineering Corporation
By [signature] Date: 1-23-04

GLENN ENGINEERING
PHONE 214-717-5151 Fax 214-719-4229
100 DECKER COURT - SUITE 250 IRVING, TEXAS 75062

DATE MAY 2, 2001
DRAWN BY R.HOWMAN
CHECKED RAH
COMM NO
REVISED

ROCKWALL ELEMENTARY #8
ROCKWALL INDEPENDENT SCHOOL DISTRICT
ROCKWALL, TEXAS

FINAL PLANS FOR BIDDING AND CONSTRUCTION

10-11-04

SHW Group Inc.
Architects + Engineers

SHEET NUMBER C 2.14
OF
SET NUMBER

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