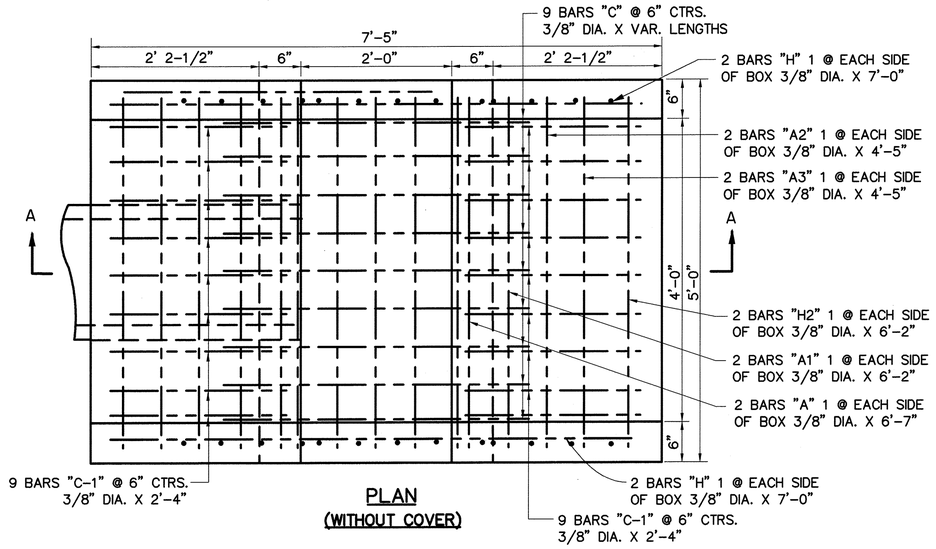
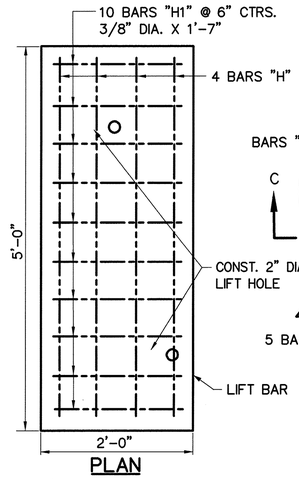


PLAN
(WITHOUT COVER)



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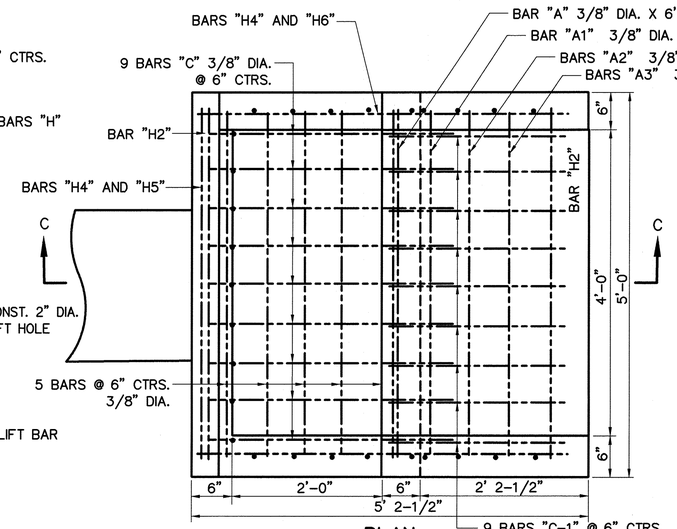
(PRECAST COVER)



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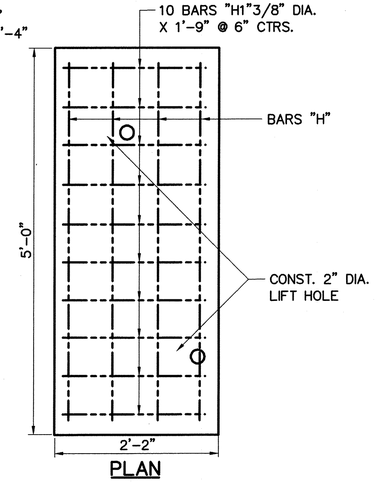
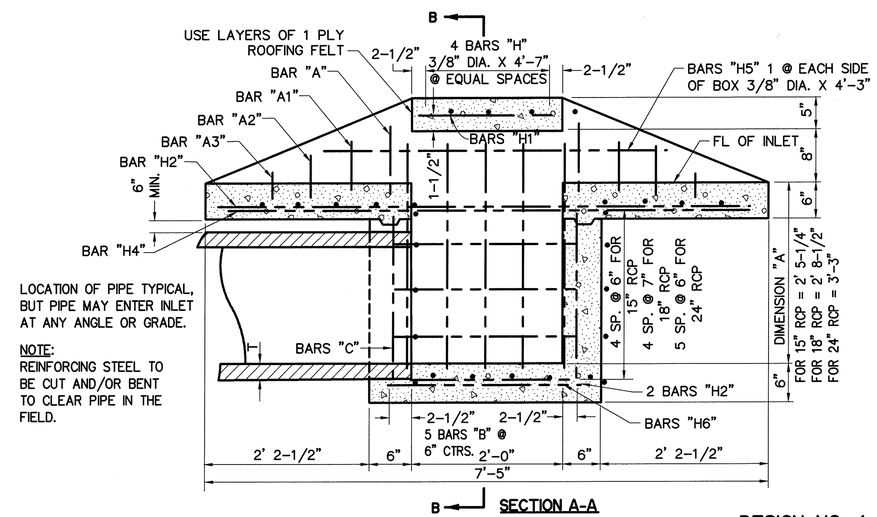
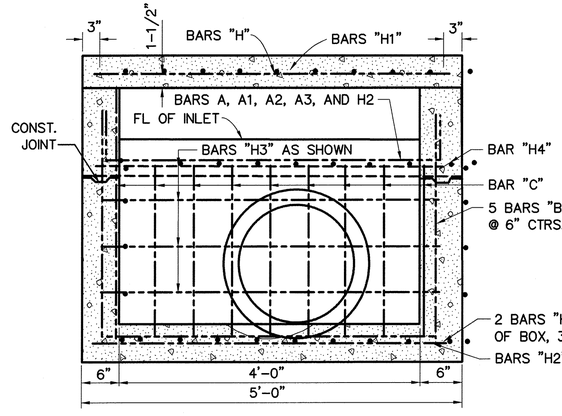
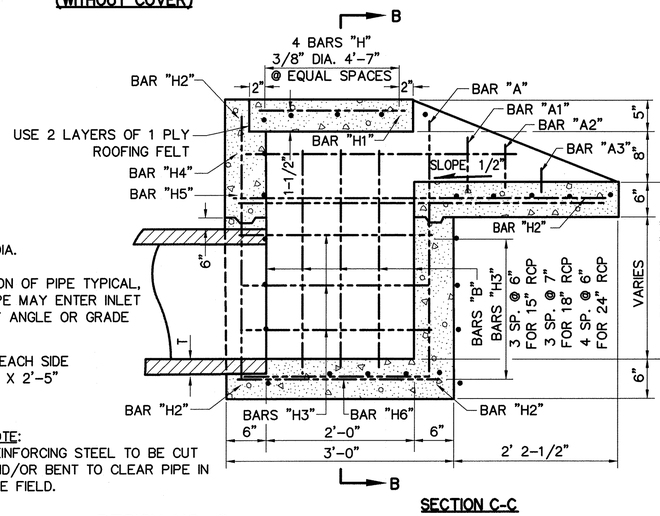


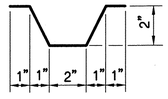
PLAN
(PRECAST COVER)





SECTION B-B

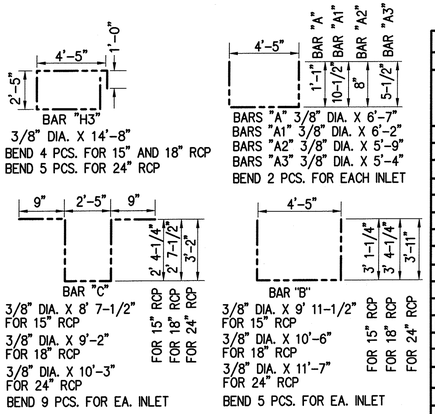




CONST. JOINT DETAIL

DESIGN NO. 1

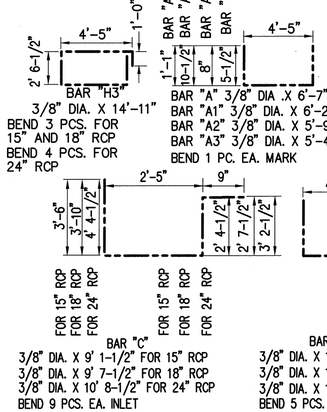
DESIGN NO. 2

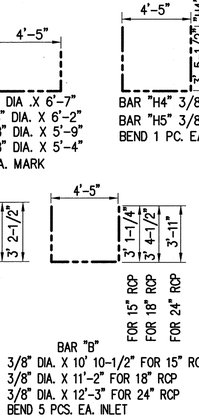


BAR BENDING DIAGRAMS
DESIGN NO. 1

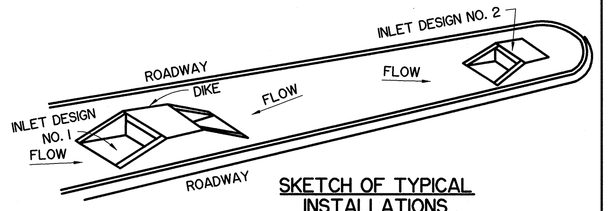
DESIGN NO. 1										DESIGN NO. 2								
	15" RCP			18" RCP			24" RCP			15" RCP				18" RCP			24" RCP	
MARK	NO. PCS.	SHAPE	LENGTH	NO. PCS.	SHAPE	LENGTH	NO. PCS.	SHAPE	LENGTH	MARK	NO. PCS.	SHAPE	LENGTH	NO. PCS.	SHAPE	LENGTH	NO. PCS.	SHAPE	LENGTH
A	2	BENT	6'-7"	2	BENT	6'-7"	2	BENT	6'-7"	A	1	BENT	6'-7"	1	BENT	6'-7"	1	BENT	6'-7"
A1	2	BENT	6'-2"	2	BENT	6'-2"	2	BENT	6'-2"	A1	1	BENT	6'-2"	1	BENT	6'-2"	1	BENT	6'-2"
A2	2	BENT	5'-9"	2	BENT	5'-9"	2	BENT	5'-9"	A2	1	BENT	5'-9"	1	BENT	5'-9"	1	BENT	5'-9"
A3	2	BENT	5'-4"	2	BENT	5'-4"	2	BENT	5'-4"	A3	1	BENT	5'-4"	1	BENT	5'-4"	1	BENT	5'-4"
B	5	BENT	10' 7-1/2"	5	BENT	11'-2"	5	BENT	12'-3"	B	5	BENT	10' 7-1/2"	5	BENT	11'-2"	5	BENT	12'-3"
C	9	BENT	8' 7-1/2"	9	BENT	9'-2"	9	BENT	10'-3"	C	9	BENT	9' 1-1/2"	9	BENT	9' 7-1/2"	9	BENT	10' 8-1/2"
C1	18	STR.	2'-4"	18	STR.	2'-4"	18	STR.	2'-4"	C	9	STR.	2'-4"	9	STR.	2'-4"	9	STR.	2'-4"
H	4	STR.	4'-7"	4	STR.	4'-7"	4	STR.	4'-7"	H	4	STR.	4'-7"	4	STR.	4'-7"	4	STR.	4'-7"
H1	10	STR.	1'-7"	10	STR.	1'-7"	10	STR.	1'-7"	H1	10	STR.	1'-9"	10	STR.	1'-9"	10	STR.	1'-9"
H2	4	STR.	4'-5"	4	STR.	4'-5"	4	STR.	4'-5"	H2	4	STR.	4'-7"	4	STR.	4'-7"	4	STR.	4'-7"
H3	4	BENT	14'-8"	4	BENT	14'-8"	5	BENT	14'-8"	H3	3	BENT	14'-11"	3	BENT	14'-11"	4	BENT	14'-11"
H4	2	STR.	7'-0"	2	STR.	7'-0"	2	STR.	7'-0"	H4	1	BENT	11'-4"	1	BENT	11'-4"	1	BENT	11'-4"
H5	2	STR.	4'-3"	2	STR.	4'-3"	2	STR.	4'-3"	H5	1	BENT	14'-1"	1	BENT	14'-1"	1	BENT	14'-1"
H6	2	STR.	2'-5"	2	STR.	2'-5"	2	STR.	2'-5"	H6	2	STR.	2'-5"	2	STR.	2'-5"	2	STR.	2'-5"

QUANTITIES							
ITEM	15" RCP	18" RCP	24" RCP	ITEM	15" RCP	18" RCP	24" RCP
CLASS 'A' CONCRETE	1.67 C.Y.	1.73 C.Y.	1.77 C.Y.	CLASS 'A' CONCRETE	1.52 C.Y.	1.59 C.Y.	1.64 C.Y.
REINFORCING STEEL	135 LBS.	141 LBS.	147 LBS.	REINFORCING STEEL	118 LBS.	121 LBS.	132 LBS.
QUANTITIES PER FT. OF VERT. HT.-CLASS 'A' CONC. -0.26 C.Y.-REINFORCING STEEL-21.79 LBS. (SEE NOTES)							





BAR BENDING DIAGRAMS
DESIGN NO. 2



SKETCH OF TYPICAL INSTALLATIONS

GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF TULSA STANDARD SPECIFICATIONS.
2. ALL EXPOSED CONCRETE SURFACES TO BE CORBORUNDUM FINISHED.
3. ALL EXPOSED CONCRETE EDGES SHALL HAVE A 1/2" CHAMFER.
4. ALL REINFORCING STEEL TO BE 3/8" DIAMETER DEFORMED BARS.
5. FOR EACH FOOT ADDITIONAL HEIGHT, ADD 2'-0" TO BARS "B" AND "C," BARS "H3" AT 6" CTR. TO CTR.

REVISION	BY	DATE

CITY ENGINEER

DESIGN MANAGER

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

STANDARD DROP INLET 15", 18", AND 24"

DATE: OCTOBER 2013 STD. 770

PATH NAME: /E1/PARTS/STD/DGN_STDS/770-STD-DROP-INLET-15-24.DGN LFM 05/16/2012