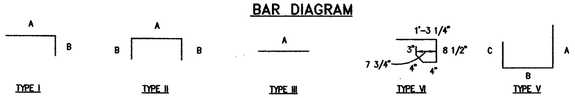
NO.	DATE	REVISION	APPROV.
1			
2			
3			

REINFORCING BAR SCHEDULE							
INLET LENGTH	BAR MARK NUMBER	BAR DIAGRAM TYPE	BAR SIZE	NUMBER REQUIRED	BAR BENDING DIMENSIONS A	B	C
8	A	I	#3	9	3' – 2"	6"	–
	B	I	#3	2	6' – 8"	6"	–
	C	II	#4	VARIES	8' – 8"	6"	–
	D	II	#4	12	8' – 8"	6"	–
	E	IV	#3	7	*	*	*
	F	III	#3	2	4' – 0"	–	–
	G	V	#4	10	3' – 2"	3' – 2"	**
	H	III	#4	VARIES	3' – 2"	–	–
	I	III	#4	4	**	–	–
	N	III	#4	2	1' – 6"	–	–
10	A	I	#3	14	3' – 2"	6"	–
	B	I	#3	2	8' – 8"	6"	–
	C	II	#4	VARIES	10' – 8"	6"	–
	D	II	#4	12	10' – 8"	6"	–
	E	IV	#3	8	*	*	*
	F	III	#3	2	4' – 0"	–	–
	G	V	#4	12	**	3' – 2"	**
	H	III	#4	VARIES	3' – 2"	–	–
	I	III	#4	4	**	–	–
	N	III	#4	2	1' – 6"	–	–
12	A	I	#3	10	3' – 2"	6"	–
	B	I	#3	2	10' – 8"	6"	–
	C	II	#4	VARIES	12' – 8"	6"	–
	D	II	#5	6	12' – 8"	–	–
	E	IV	#3	12	*	*	*
	F	III	#3	2	4' – 0"	–	–
	G	V	#4	10	**	3' – 2"	**
	H	III	#4	VARIES	3' – 2"	3' – 2"	–
	I	III	#4	4	**	–	–
	L	III	#4	5	**	–	–
	M	III	#3	5	2' – 8"	6"	–
	N	III	#4	2	1' – 6"	–	–
	P	I	#5	9	3' – 2"	6"	–
	R	V	#5	9	**	3' – 2"	**
14	A	I	#3	14	3' – 2"	6"	–
	B	I	#3	2	12' – 8"	6"	–
	C	II	#4	VARIES	14' – 8"	6"	–
	D	II	#5	8	14' – 8"	–	–
	E	IV	#3	16	*	*	*
	F	III	#3	2	4' – 0"	–	–
	G	V	#4	14	**	3' – 2"	**
	H	III	#4	VARIES	3' – 2"	–	–
	I	III	#4	4	**	–	–
	L	III	#4	5	**	–	–
	M	III	#3	5	2' – 8"	6"	–
	N	III	#4	2	1' – 6"	–	–
	P	I	#5	9	3' – 2"	6"	–
	R	V	#5	9	**	3' – 2"	**

* SEE BAR DIAGRAM FOR DIMENSIONS.
** LENGTH VARIES DUE TO DEPTH OF INLET.

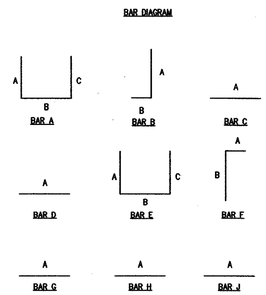
BAR DIAGRAM

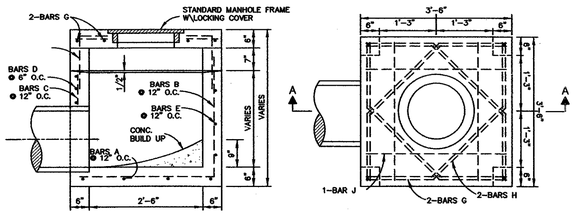


REINFORCING BAR SCHEDULE					
BAR	NO. REQ'D	BAR SIZE	BAR BENDING DIMENSIONS A	B	C
A	4	#4	VARIES	3'-0"	VARIES
B	4	#4	3'-0"	VARIES	–
C	4	#4	VARIES	–	–
D	VARIES	#4	3'-0"	–	–
E	VARIES	#4	3'-0"	3'-0"	3'-0"
F	4	#4	1'-0"	2'-0"	–
G	8	#4	3'-2"	–	–
H	8	#4	2'-1"	–	–
J	4	#4	3'-2"	–	–

NOTE:
BARS "A" & "E" ARE USED
IN THE WALLS PARALLEL TO THE R.C.P..
BARS "B" ARE IN THE WALL OPPOSITE THE R.C.P..

BAR DIAGRAM



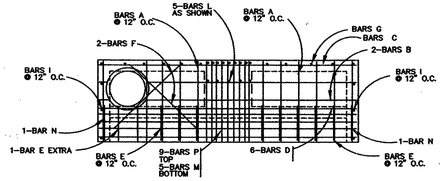


SECTION A–A
N.T.S.

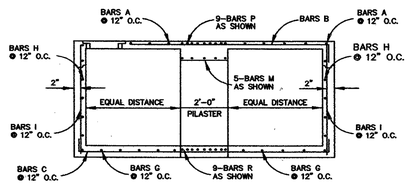
PLAN VIEW
N.T.S.

SEE RFI #055
BOX CULVERT CLOSURE POUR
DETAIL FOR LESS THAN/GREATER THAN
1.0' OPENING.

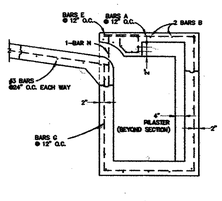
"Y" TYPE INLET DETAILS



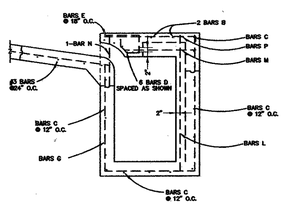
PLAN VIEW (12 AND 14 FOOT INLET)
N.T.S.



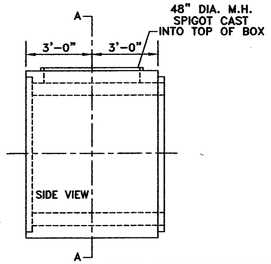
SECTION A–A
N.T.S.

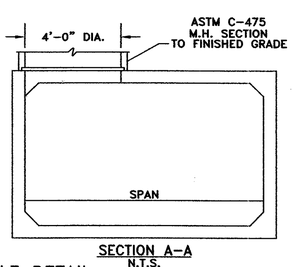


SECTION C–C
N.T.S.



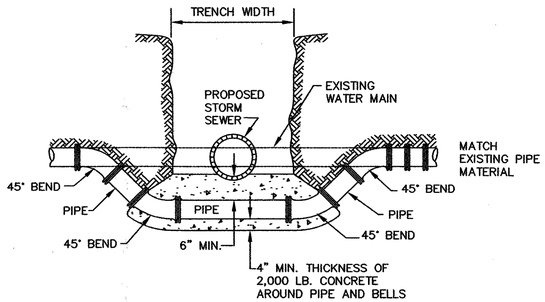
SECTION D–D
N.T.S.





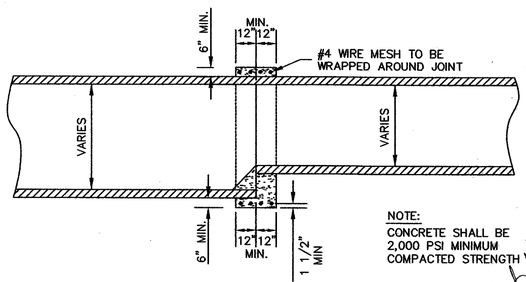
SECTION A–A
N.T.S.

BOX CULVERT MNAHOLE DETAIL



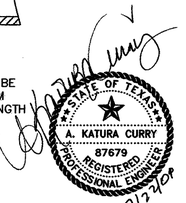
NOTE:
1. RETAINER GLANDS SHALL BE INSTALLED ON ALL FITTINGS.
2. NOT TO BE USED FOR 60" WATER LOWERING

DETAIL FOR
WATER MAIN LOWERING



NOTE:
CONCRETE SHALL BE 2,000 PSI MINIMUM COMPACTED STRENGTH

DETAIL OF CONCRETE COLLAR
FOR PIPE CONNECTIONS



THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY:
A. KATURA CURRY
ON 7–21–04.
ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

113B

DATE:	MAY 2004	SCALE:	NOT TO SCALE	JOB NO.:	320
DRAWN:	G&A	DESIGN:	BRG	REVIEWED:	BRG	DWG:	320DETAILS

ARAPAHO ROAD PHASE III
STANDARD CONSTRUCTION DETAILS
DRAINAGE - SHEET 2 OF 3

TOWN OF ADDISON

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SHT. SW–27