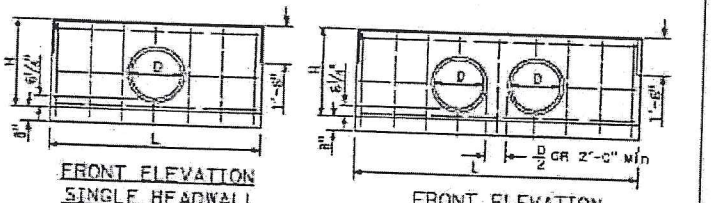
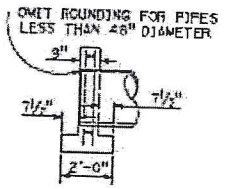


FRONT ELEVATION
SINGLE HEADWALL

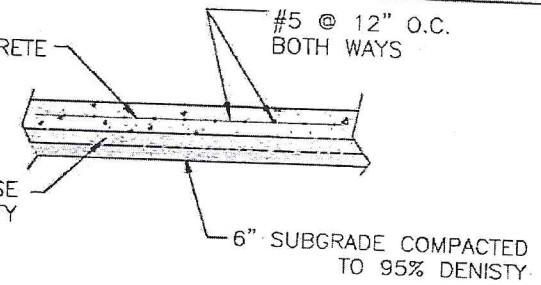
FRONT ELEVATION
DOUBLE HEADWALL

D	H	SINGLE			DOUBLE		
		L	STEEL LB	Conc CY	L	STEEL LB	Conc CY
12"	2'-8"	5'-0"	35	0.60	8'-0"	50	0.94
15"	2'-11"	6'-0"	40	0.75	8'-6"	60	1.17
18"	3'-2"	7'-0"	50	0.91	10'-6"	75	1.35
21"	3'-5"	7'-6"	60	1.02	11'-6"	95	1.52
24"	3'-8"	8'-6"	75	1.20	12'-6"	100	1.72
27"	3'-11"	9'-6"	85	1.39	14'-0"	115	2.00
30"	4'-2"	10'-0"	90	1.52	15'-0"	126	2.21
33"	4'-5"	11'-0"	100	1.73	16'-0"	130	2.42
36"	4'-8"	12'-0"	105	1.93	17'-0"	145	2.65
39"	4'-11"	12'-6"	130	2.09	18'-0"	170	2.88
42"	5'-2"	13'-6"	140	2.34	19'-6"	165	3.13
45"	5'-5"	14'-6"	150	2.60	20'-0"	195	3.38
48"	5'-8"	15'-0"	160	2.75	21'-0"	200	3.64
51"	6'-1"	16'-0"	180	3.03	22'-6"	225	4.02
54"	6'-2"	17'-0"	190	3.31	23'-6"	240	4.30

STRAIGHT HEADWALLS

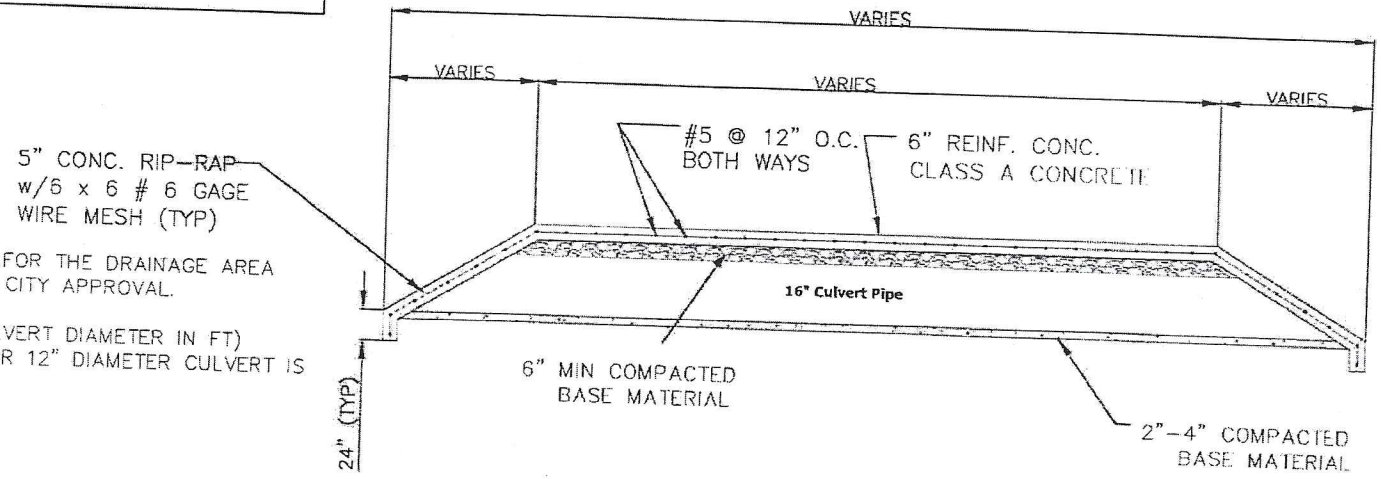


SECTION, SINGLE
AND DOUBLE HEADWALLS



TYPICAL CONCRETE ROADWAY CONSTRUCTION

MIN. T = 6" P.C.C REINFORCED CONCRETE W/WIRE MECH (NO SEMI TRUCK)
8" P.C.C. REINFORCED CONCRETE W #5 BAR AT 12" O.C.
ALL VERTICLE REINFORCING STEEL #4 BAR AT 18" O.C
ALL ENTRANCES SHALL BE SSURFACED FROM THE EDGE OF CITY PAVEMENT.



SIZE ALL CULVERTS APPROPRIATELY FOR THE DRAINAGE AREA IN ACCORDANCE WITH SANTA CLARA CITY APPROVAL.

MIN. ROAD CONCRETE COVER IS (CULVERT DIAMETER IN FT) DIVIDED BY 1.75. I.E. MIN COVER FOR 12" DIAMETER CULVERT IS 8.9 FT.

TYPICAL CULVERT CONSTRUCTION

APPROVED BY	DATE	CITY OF SANTA CLARA TEXAS
		PROJECT NAME/ No. CULVERT GUIDLINES
		DOWNLOAD FILE NAME CULVERT. TRUCK ENTRANCE
		SIZE A; ENG. BY- LF; PRINT DATE:; REV.; DRW. BY- DR; SCALE: 1:x; SHEET ' of ' :