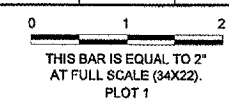
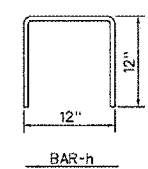
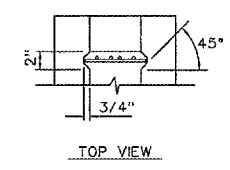


NUMBER	BY	DATE

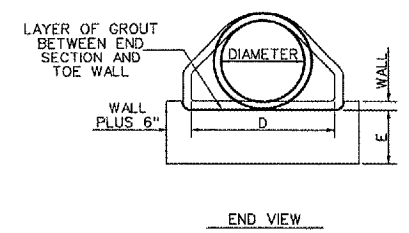
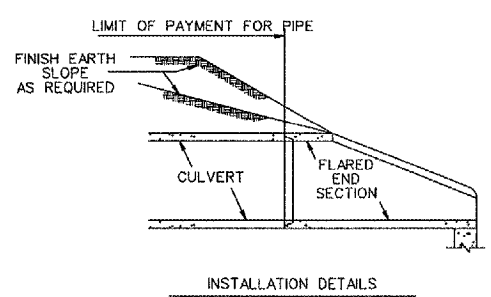
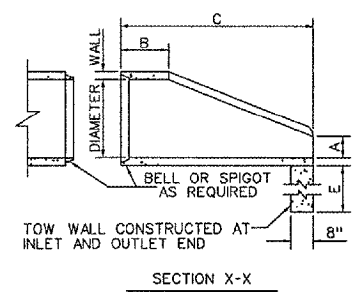
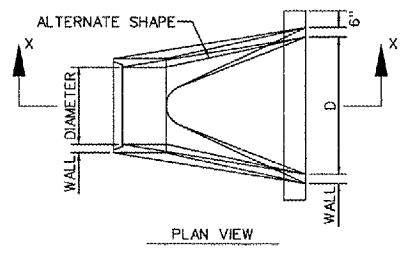


ADJOINING PIPE DIA. INCHES	BARREL SECTION REINFORCEMENT			FLARE SECTION REINFORCEMENT (ONE LAYER ONLY IN CENTER OF WALL)	
	INNER CAGE SQ. IN./LIN. FT.	OUTER CAGE SQ. IN./LIN. FT.	ELLIPTICAL	AREA OF LONGITUDINAL SQ. IN./LIN. FT.	AREA OF TRAVERSE SQ. IN./LIN. FT.
12	0.07			0.048	0.048
15	0.07			0.054	0.054
18	0.07		0.07	0.060	0.060
21	0.07		0.07	0.066	0.066
24	0.07		0.07	0.072	0.072
27	0.13		0.11	0.078	0.078
30	0.14		0.12	0.084	0.084
36	0.12	0.09	0.13	0.096	0.096
42	0.15	0.12	0.17	0.108	0.108
48	0.18	0.14	0.20	0.120	0.120
54	0.22	0.16	0.24	0.132	0.132
60	0.25	0.19	0.28	0.144	0.144
66	0.31	0.23	0.34	0.156	0.156

DIMENSIONS					
DIA.	WALL	A	B (MIN.)	C (MIN.)	D E
12"	2"	4"	4'-0"	6"	2'-0" 18"
15"	2-1/4"	6"	3'-10"	6"	2'-6" 18"
18"	2-1/2"	9"	3'-10"	6"	3'-0" 18"
21"	2-3/4"	9"	3'-2"	6"	3'-6" 18"
24"	3"	9-1/2"	2'-6"	6"	4'-0" 24"
27"	3-1/4"	10-1/2"	2'-11"	6"	4'-6" 24"
30"	3-1/2"	1'-0"	1'-7"	6"	5'-0" 24"
36"	4"	1'-3"	2'-10"	6"	6'-0" 24"
42"	4-1/2"	1'-9"	2'-11"	6"	6'-6" 24"
48"	5"	2'-0"	2'-2"	6"	7'-0" 24"
54"	5-1/2"	2'-3"	2'-11"	6"	7'-6" 36"
60"	6"	2'-6"	3'-3"	6"	8'-0" 36"
66"	6-1/2"	2'-9"	1'-9"	6"	8'-6" 36"



NOTE:  
THE UNIT PRICE PAID FOR CONCRETE FLARED END SECTIONS SHALL INCLUDE THE BARREL. THE BARREL SHALL NOT BE UNINCLUDED FOR PAYMENT AS CONCRETE PIPE CULVERT.



PRECAST CONCRETE FLARED END SECTION  
N.T.S.

GREATER  
**Peoria**  
REGIONAL  
Airport

**RELOCATE TAXIWAYS A AND D FROM  
MID-FIELD INTERSECTION PHASE 2**

**CMT**  
CRAWFORD, MURPHY & TILLY, INC.  
CONSULTING ENGINEERS

IL PROJECT: PIA-3616  
AIP PROJ: 3-17-0080-XX

FILE: ...\\box\_fill\_area\_pipe\_detail.dgn

DESIGN BY: TCS

DRAWN BY: EWS

CHECKED BY: TCS

APPROVED BY: CET

DATE: MAY 12, 2006

JOB No: 04061-03-03

FILL AREA  
PIPE EXTENSION  
DETAILS

SHEET 41 OF 107 SHEETS

/13/2006 : \\peoria\0406103\_03\draw\sheet\0xx\_fill\_area\_pipe\_detail.dgn