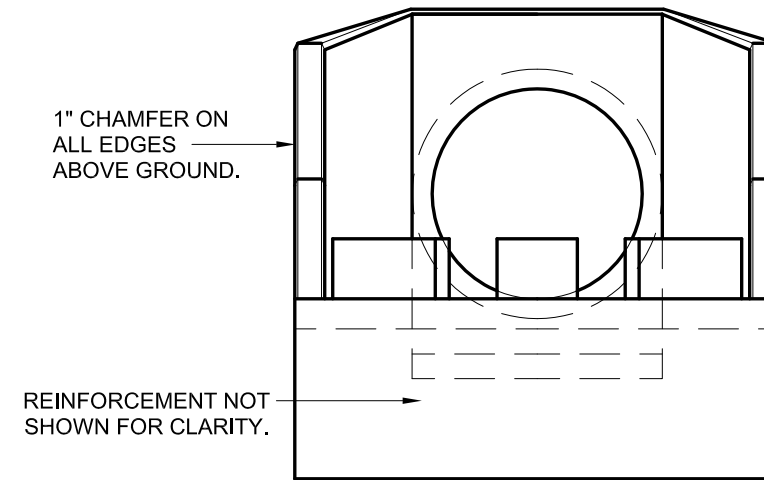
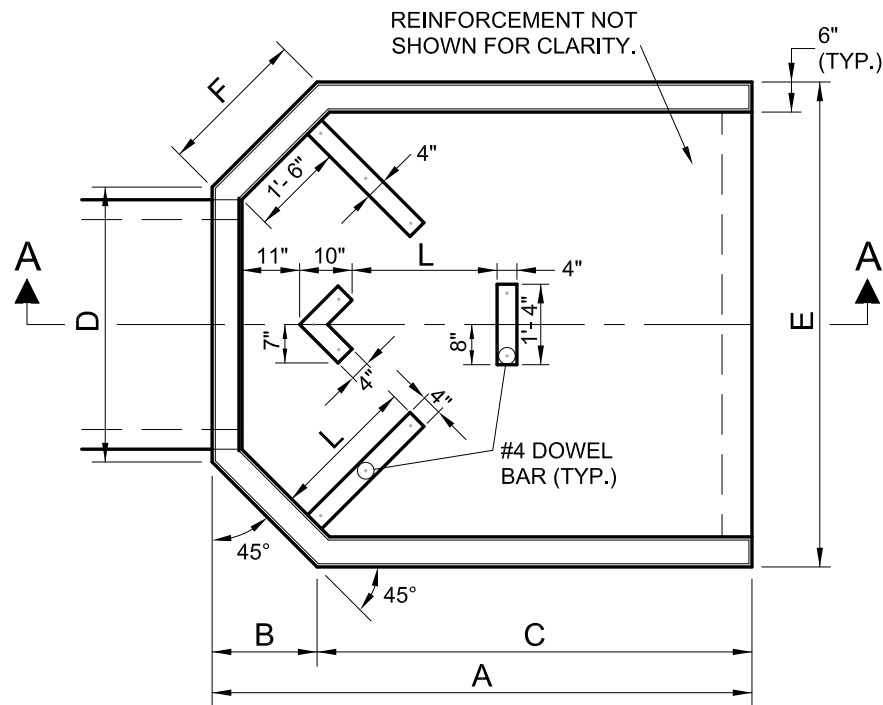


SECTION A-A

REFER TO TDEC MANUAL, BMP OP-1, TABLE 1 FOR RIPRAP OUTLET PROTECTION SPECIFICATIONS. RIPRAP MAY BE REQUIRED TO BE WIRE ENCLOSED. SEE SECTION 02370 FOR ALTERNATIVE RIPRAP OPTION.



END VIEW



PLAN

TABLE OF DIMENSIONS AND DIAMETERS											
DIM	15"	18"	21"	24"	30"	36"	42"	48"	54"	60"	72"
A	5'-3"	5'-7"	5'-7"	5'-8"	5'-9"	7'-5"	9'-0"	9'-2"	10'-9"	12'-6"	15'-6"
B	1'-9"	1'-9"	1'-9"	1'-9"	1'-9"	1'-9"	1'-9"	1'-9"	1'-9"	1'-9"	1'-9"
C	3'-1"	3'-4"	3'-10"	3'-11"	4'-0"	5'-8"	7'-3"	7'-5"	9'-0"	10'-9"	13'-9"
D	2'-0"	2'-4"	2'-7"	2'-10"	3'-5"	4'-0"	4'-7"	5'-2"	5'-9"	6'-5"	7'-9"
E	5'-5"	5'-9"	6'-0"	6'-3"	6'-11"	7'-6"	8'-1"	8'-8"	9'-3"	9'-11"	11'-3"
F	2'-4"	2'-4"	2'-4"	2'-4"	2'-6"	2'-6"	2'-6"	2'-6"	2'-6"	2'-6"	2'-6"
G	4'-9"	5'-1"	5'-1"	6'-0"	6'-3"	6'-11"	8'-6"	8'-8"	10'-3"	12'-0"	15'-0"
H	2'-5"	2'-8"	2'-11"	3'-3"	3'-9"	4'-4"	4'-10"	5'-5"	5'-11"	6'-6"	7'-6"
I	2'-0"	2'-0"	2'-0"	2'-0"	2'-0"	3'-0"	3'-0"	3'-0"	3'-0"	3'-0"	3'-0"
J	0'-10"	1'-0"	1'-3"	1'-6"	2'-0"	2'-0"	2'-0"	2'-6"	2'-6"	2'-6"	2'-6"
K	0'-8"	0'-8"	0'-8"	0'-8"	1'-0"	1'-0"	1'-0"	1'-0"	1'-3"	1'-3"	1'-6"
L	1'-5"	1'-6"	1'-7"	1'-9"	1'-11"	2'-2"	2'-5"	2'-6"	2'-9"	3'-0"	3'-6"

NOTE: PRECAST CONCRETE TO BE CLASS "AS", 4000 PSI, 28 DAY STRENGTH, MINIMUM.

TYPE "E" HEADWALL WITH WINGWALLS
NOT TO SCALE

CITY OF LAKELAND
ENGINEERING DIVISION

TYPE "E" HEADWALL

REV.	DESCRIPTION	DATE
1	ORIGINAL ISSUE	8/2008