

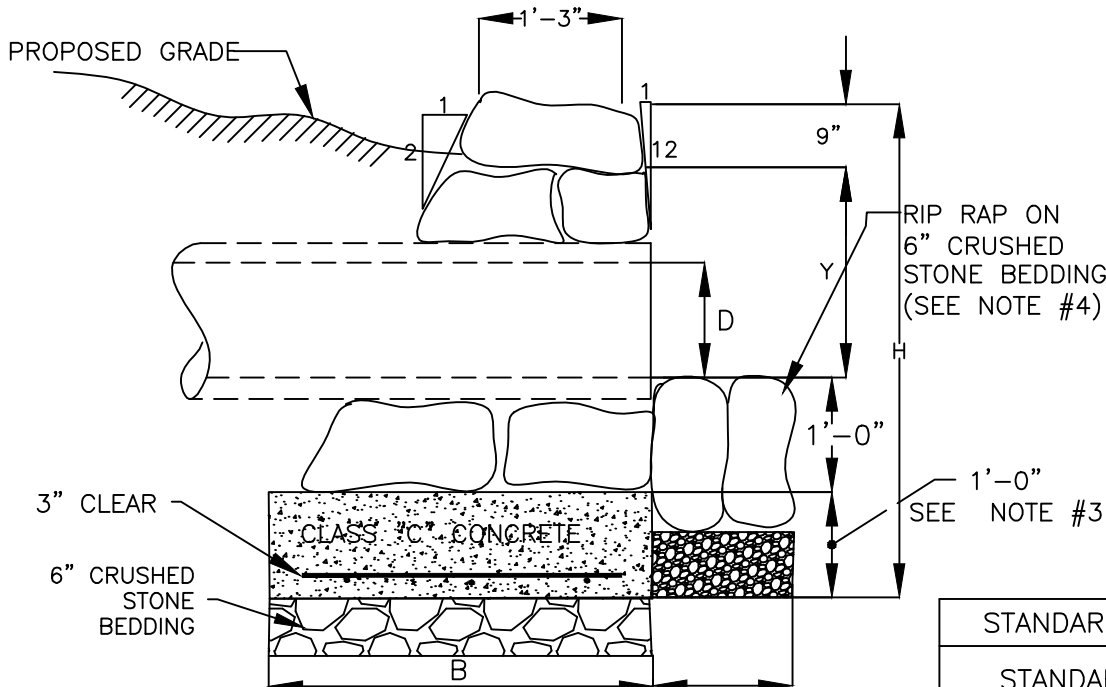
FRONT ELEVATION

DIMENSIONS FOR HEADWALL/ENDWALL		
H Ft.&in.	Batter in./ft.	B Ft.&in.
4'-6"	2 1/2"	2'-2 1/2"
4'-9"	2 1/2"	2'-3"
5'-0"	2 1/2"	2'-3 1/2"
5'-6"	2 1/2"	2'-5"
6'-0"	2 1/2"	2'-6 1/2"
6'-6"	3"	2'-10 1/2"
7'-0"	3"	3'-0"
7'-6"	3"	3'-1 1/2"
8'-0"	3"	3'-3"
8'-6"	3"	3'-4 1/2"
9'-0"	3"	3'-6"

LEGEND:
 H=TOTAL HEIGHT OF HEADWALL/ENDWALL
 B=BASE WIDTH
 D=INSIDE DIAMETER OF PIPE
 Y=HEIGHT OF SLOPE ABOVE INVERT AT FACE OF WALL
 MINIMUM=D+2 FEET
 L=MINIMUM LENGTH OF WALL=3Y+D

NOTES:

1. ALL EDGES OF EXPOSED SURFACE IN CONCRETE SHALL BE CHAMFERED APPROXIMATELY ONE INCH
2. HEADWALL/ENDWALL SHALL BE CONSTRUCTED PERPENDICULAR TO CENTERLINE OF PIPE UNLESS OTHERWISE SHOWN ON THE CONSTRUCTION PLANS OR ORDERED BY THE ENGINEER.
3. FOR H GREATER THAN 8ft. USE 15" FOR THICKNESS OF FOOTING. SAME REBAR AS 12" THICKNESS.
4. FOR D SMALLER THAN 36" USE 12" RIP-RAP. FOR D LARGER THAN 42" USE 18" RIP-RAP.



SECTION A-A

4' UNLESS OTHERWISE SPECIFIED ON PLAN

SCALE = N.T.S.

STANDARD CONSTRUCTION DETAIL

STANDARD HEADWALL/ENDWALL CEMENT RUBBLE MASONRY

TOWN OF GREENWICH, CONNECTICUT
 ENGINEERING DIVISION
 DEPARTMENT OF PUBLIC WORKS