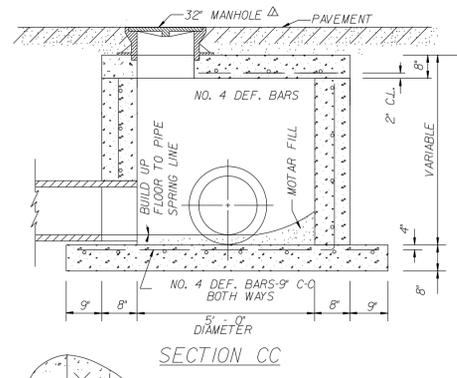


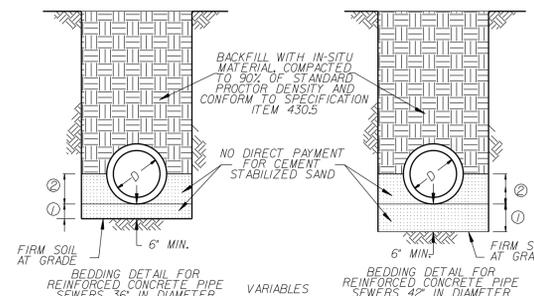
PLAN 5'-0" INLETS

NOTE:  
ALL INLETS AND JUNCTION BOXES IN PUBLIC STREET R/W MUST BE STEEL REINFORCED  
NO BRICK MATERIALS ALLOWED UNDER PAVEMENT AREA



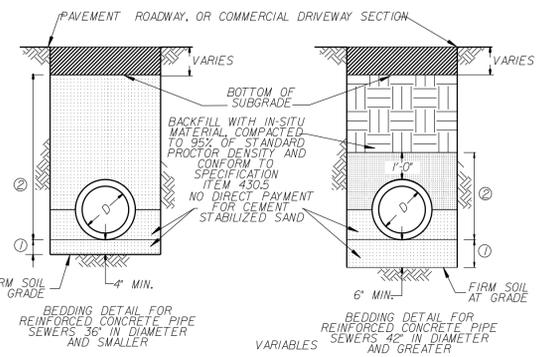
SECTION CC

DETAILS OF ORDINARY PIPE BEDDING NOT UNDER PAVEMENT WHERE SATISFACTORY SOIL CONDITIONS EXIST

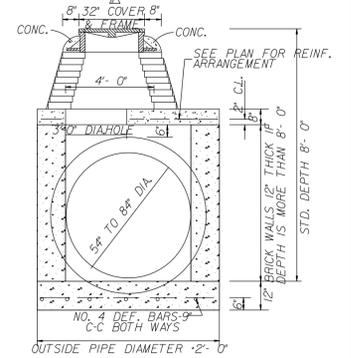


① CEMENT STABILIZED SAND PLACED BEFORE PIPE IS LAID, TO 6" MINIMUM DEPTH  
② CEMENT STABILIZED SAND, THOROUGHLY RODDED, PLACED AND COMPACTED AFTER PIPE IS LAID TO MIDPOINT OF PIPE

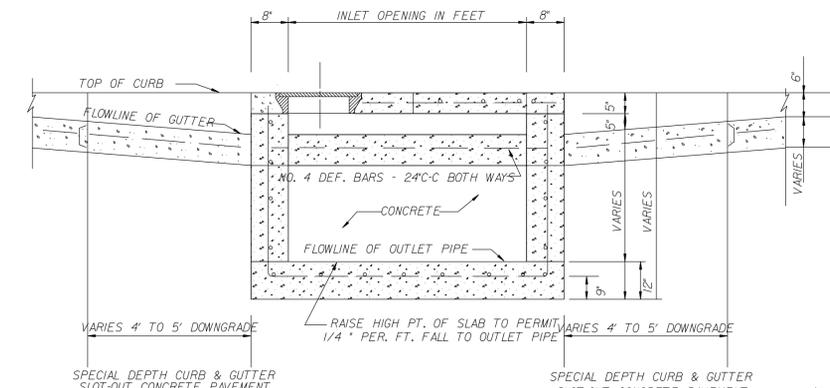
DETAILS OF BEDDING FOR PIPE CONSTRUCTED UNDER PAVEMENT WHERE SATISFACTORY SOIL CONDITIONS EXIST



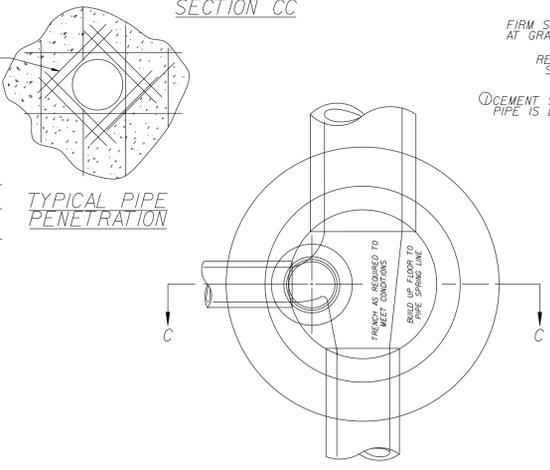
① CEMENT STABILIZED SAND 2 SACK/TON PLACED BEFORE PIPE IS LAID, TO 4" MINIMUM DEPTH  
② CEMENT STABILIZED SAND 2 SACK/TON, THOROUGHLY RODDED, PLACED AND COMPACTED TO 1'-0" ABOVE THE TOP OF PIPE, AFTER PIPE IS LAID



SECTION EE



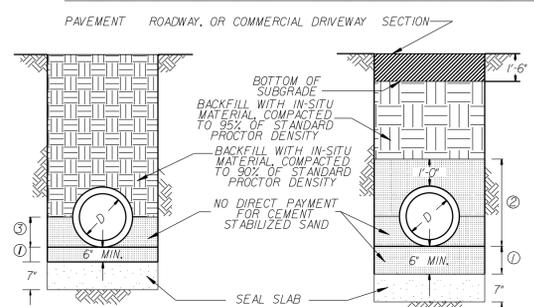
SECTION AA (ALL INLETS)



TYPICAL PIPE PENETRATION

TYPICAL PLAN SHALLOW MANHOLE

ALTERNATE DETAILS OF BEDDING FOR PIPE 36" & GREATER WHERE SATISFACTORY SOIL CONDITIONS EXIST

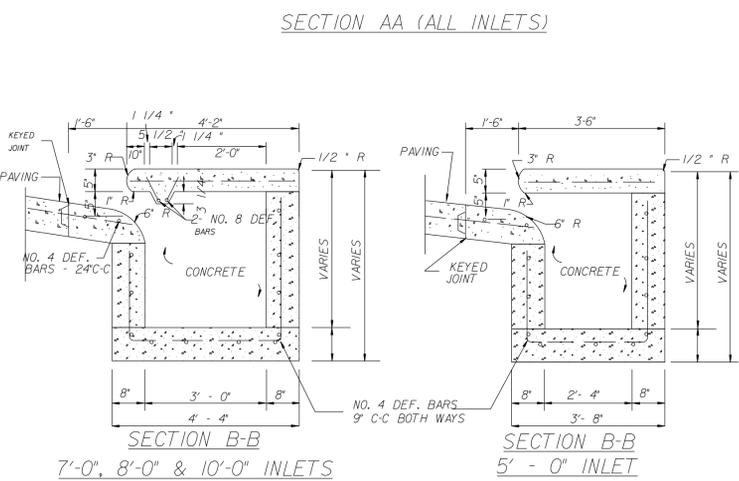


ORDINARY BEDDING DETAIL

BEDDING DETAIL FOR PIPE CONSTRUCTED UNDER ROADWAY

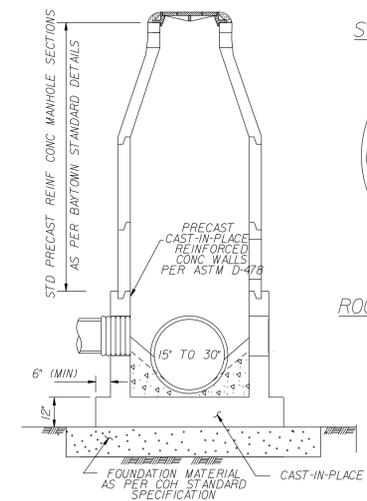
① CEMENT STABILIZED SAND PLACED BEFORE PIPE IS LAID, TO 6" MINIMUM DEPTH  
② CEMENT STABILIZED SAND, THOROUGHLY RODDED, PLACED AND COMPACTED TO MIDPOINT OF PIPE

① CEMENT STABILIZED SAND PLACED BEFORE PIPE IS LAID, TO 6" MINIMUM DEPTH  
② CEMENT STABILIZED SAND, THOROUGHLY RODDED, PLACED AND COMPACTED TO 1'-0" ABOVE THE TOP OF PIPE, AFTER PIPE IS LAID



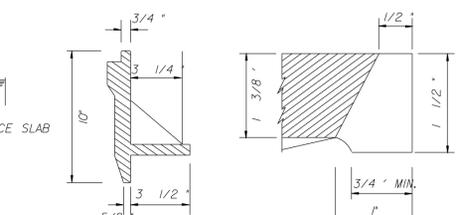
SECTION B-B

SECTION B-B



PRECAST CONCRETE MANHOLES

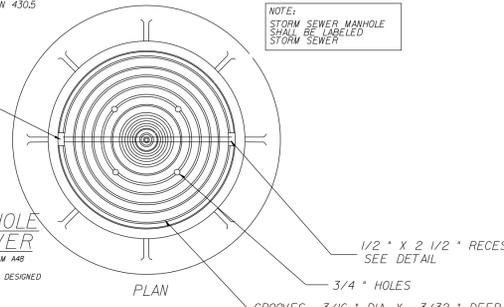
ROOF REINFORCING PLAN



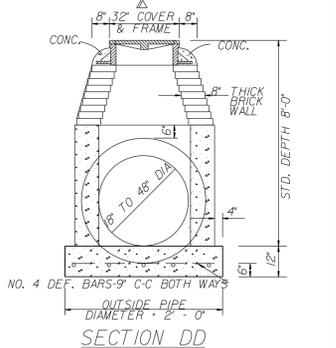
ALTERNATE FRAME SECTION OF COVER THROUGH RECESS

STANDARD MANHOLE FRAME AND COVER

NOTE: 1) MATERIAL TO BE CAST IRON ASTM A88 CLASS NO. 20  
2) ALL FRAMES & COVERS TO BE DESIGNED FOR 125 LB. LOADING

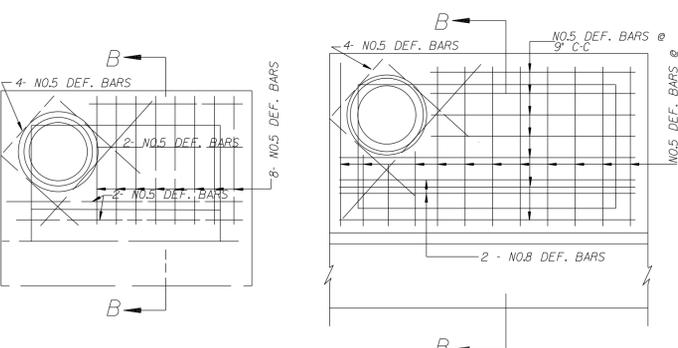


PLAN



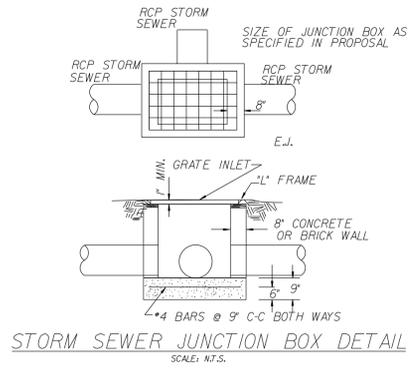
SECTION DD

TYPICAL PLAN STANDARD MANHOLE FOR 18" TO 48" CONC. PIPE

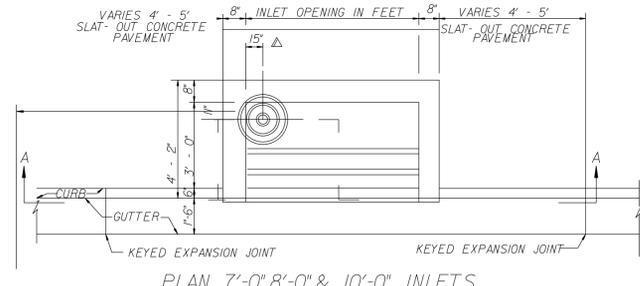


REINFORCING PLAN 5'-0" INLET

REINFORCING PLAN 7'-0", 8'-0" & 10'-0" INLETS



STORM SEWER JUNCTION BOX DETAIL SCALE: N.T.S.



PLAN 7'-0", 8'-0" & 10'-0" INLETS

NO.	REVISIONS	DATE
1	Added note "No Brick Materials allowed under Pavement Area"	12-23-2005
2	Revised Bedding Detail from Roadway to Pavement	5-29-2006
3	Revised Storm Manhole Size to 36"	5-29-2006
4	Revised Storm Details	11-26-2007

CITY OF BAYTOWN  
ENGINEERING DEPARTMENT



STANDARD STORM SEWER DETAILS	
CHECKED BY: R.E.C.	SCALE: N.T.S.
DRAWN BY: E.M.B.	DWG. NO. 87129
DATE: 05-13-2008	SHEET NO. 9 OF 20