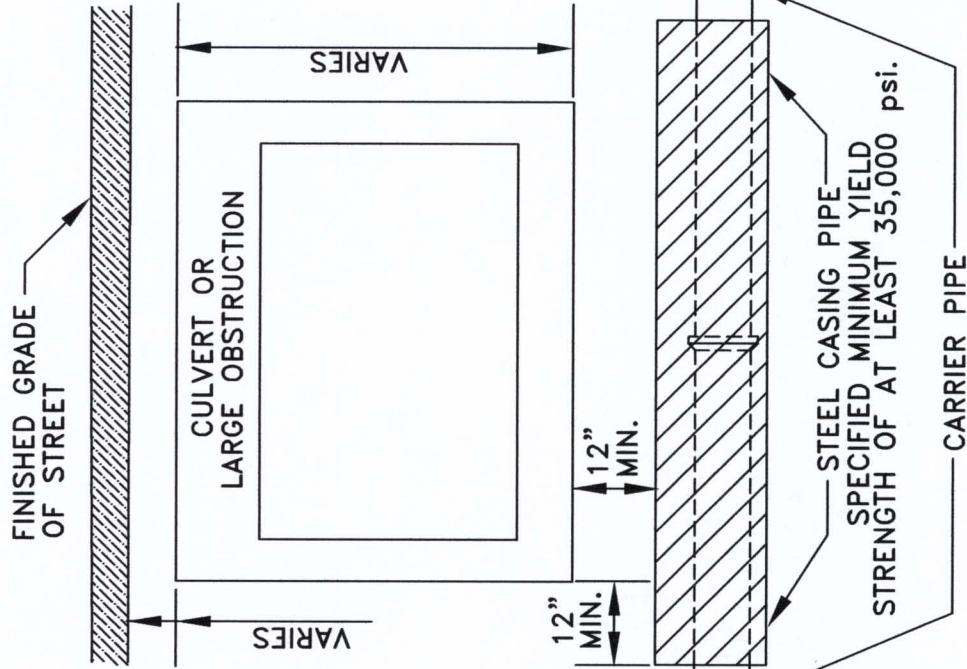


PUSH-ON RESTAINED  
JOINT PIPE

PIPE SIZE	STEEL CASING PIPE DIA.	STATE & RR STEEL CASING PIPE THICKNESS
6"	16"	0.219
8"	18"	0.250
10"	22"	0.281"
12"	24"	0.312"
14"	26"	0.344
16"	28"	0.375
18"	32"	0.438"
20"	34"	0.469"
24"	38"	0.500
30"	44"	0.594
36"	50"	0.656



PUSH-ON JOINT D.I.P.

PIPE SIZE	STEEL CASING PIPE DIA.	STATE & RR STEEL CASING PIPE THICKNESS
6"	14"	0.188
8"	16"	0.219
10"	18"	0.250
12"	20"	0.281
14"	22"	0.281
16"	24"	0.312
18"	26"	0.344
20"	30"	0.406
24"	34"	0.469
30"	40"	0.531
36"	46"	0.594

INSTALLED CASING TO BE BITUMINOUS COATED  
INSIDE AND OUT. CONCRETE BULKHEADS W/WEEP  
HOLES TO BE INSTALLED ON EACH END.  
CROSSING TO CONFORM WITH LATEST TDOT  
SPECIFICATIONS AT TIME OF CROSSING.

NOTES:  
CARRIER PIPE UNDER PRESSURE TO HAVE AN  
ENVELOPE OF FLOWABLE FILL OR SAND IN THE  
VOID AREA OF THE STEEL CASING PIPE.

METRO WATER SERVICES

CROSSING UNDER  
BOX BRIDGE(CULVERT)

NOT TO SCALE | DATE: 02/22/08

DWG. NO. WDET010A

**METRO**  
WATER SERVICES

*Hal Balthrop*  
LICENSED DISTRIBUTION OPERATOR

*J. Smith*  
DIRECTOR OF WATER AND SEWERAGE SERVICES