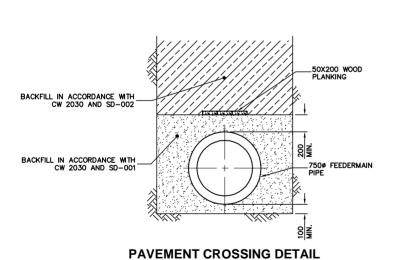


THRUST BLOCK DETAIL



MODEL TF-48 FRAME AND DOUBLE COVER-RIM EL ±233.95 (@ 9+50) RIM EL ±233.40 (@ 17+50) TRANSITION COUPLING DI TO PVC, AND EXPOSED DI WRAPPED WITH PROFILING PETROLATUM MASTIC & TAPE TRANSITION COUPLING DI TO PVC, AND EXPOSED DI WRAPPED WITH PROFILING PETROLATUM MASTIC & TAPE PLAN 750 INV 230.00 (SEE DWG D-13149) 750 INV 228.82 (SEE DWG D-13151) FLOOR EL 229.60 (SEE DWG D-13149) FLOOR EL 228.42 (SEE DWG D-13151) ANGLE BEARING H W AREA (m²) (m) (m) (m) 22.5 3.30 1.5 2.2 45.0 6.59 2.1 3.2 PLUG 7.9 2.4 3.3 DESCRIPTION (ALL NOMINAL PIPE DIAMETERS) AIR RELEASE VALVE C/W 50 THREADED INLET PORT 50 BRASS NIPPLE (THREADED) 50 BRONZE GATE VALVE (THREADED) 50 BRASS NIPPLE (THREADED) 50 BRASS FLANGE (THREADED) 50 BRASS FLANGE CL 125 (THREADED)
50 BRASS NIPPLE (THREADED) 750X750X600 DUCTILE IRON TEE (FLXFLXFL) C/W 600 CLASS D BLIND FLANGE AND THREADED TAP

ITEM	DESCRIPTION	QUANTITY	LENGTH
1	75 SCHEDULE 80 STEEL NIPPLE (THREADED)	1	125
2	75 SCHEDULE 80 STEEL 90 (THREADED)	1	
3	75 SCHEDULE 80 STEEL NIPPLE	1	600
4	75 STEEL FLANGE CL 125 (THREADED) C/W ISOLATION KIT	1	
5	75 BRASS BRONZE FLANGE (THREADED)	1	
6	75 BRASS NIPPLE (THREADED)	1	125
7	75 BRASS BALL VALVE	1	

DRAIN DETAIL

AIR VALVE / ACCESS MANHOLE DETAIL

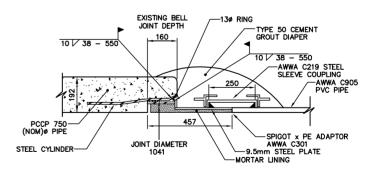
150 PVC PLUG

WATER STOP (SEE DETAIL) 100 PVC DWV THREADED CAP

100 PVC BACKWATER VALVE

100 PVC DWV STREET TEE

m SCALE 1:25



7500 WALL PIECE CLASS 54 DUCTILE IRON (FLxPE)

750Ø SPIGOT TO PVC CONNECTION

NOTE: ALL EXPOSED STEEL INCLUDING PIPE COUPLING 0 0.1 0.2 0.3 CALE 1:10

METRIC WHOLE NUMBERS HORCATE MILIMETTES DEGINALIZED MUMBERS HORCATE METRES								
0.0	5.0	10.0	15.0	20.0	25.0			

WARNING IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:

1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.

TO GAS COMPANY INSTALLATIONS.

LOCATION APPI UNDERGROUND STRU	
SUPV. U/G STRUCTURES COMMITTEE	DATE
NOTE:	
LOCATION OF UNDERGROUND ST SHOWN ARE BASED ON THE BES AVAILABLE BUT NO CUARANTEE IS EXISTING UTILITIES ARE SHOWN OR LOCATIONS ARE EXACT. CONFI EXISTENCE AND EXACT LOCATIONS SERVICES MUST HE ORTAINED FRO	T INFORMATION GIVEN THAT AL THAT THE GIVE RMATION OF TION OF ALL

NOTE: ALL VALVES TO BE INSTALLED COUNTERCLOCKWISE TO CLOSE

THRUST BLOCK DIMENSIONS

REINFORCING :

20 M @ 225 O.C., BOTH WAYS

BEARING

B.M. ELEV.					
COST	RUCTION COMPLETION DATE: YYYY MM DD				
H				DESIGNED DB	CHECKED SC
				DRAWN BY CJH	APPROVED KZ
				SCALE: HORIZONTAL AS VERTICAL SHOWN	RELEASED FOR CONSTRUCTION K.R. ZUREK
NO.	REVISIONS	DATE	BY	DATE 2013 02 26	DATE 13/02/27

ORIGINAL MYLAR SIGNED BY ZUREK 13/02/27

Winnipeg

THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION

MODEL TF-48 FRAME AND DOUBLE COVER

-CONCRETE COLLAR TO 100 PAST THE WATER STOP (TYP.)

LENGTH

125

1016

TO SUIT

12 x 75

WATER STOP

QUANTITY

2013 FEEDERMAIN INSTALLATION AND ASSOCIATED WORKS KENASTON BOULEVARD MISCELLANEOUS DETAILS

SHEET **7** OF **10** D-13153