

WARNING IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE

1. NOTIFY THE GAS COMPANY OF THE PROPOSED

COMPANY INSTALLATIONS SEE PROVINCIAL

OBTAIN EXCAVATION PERMITS PRIOR TO

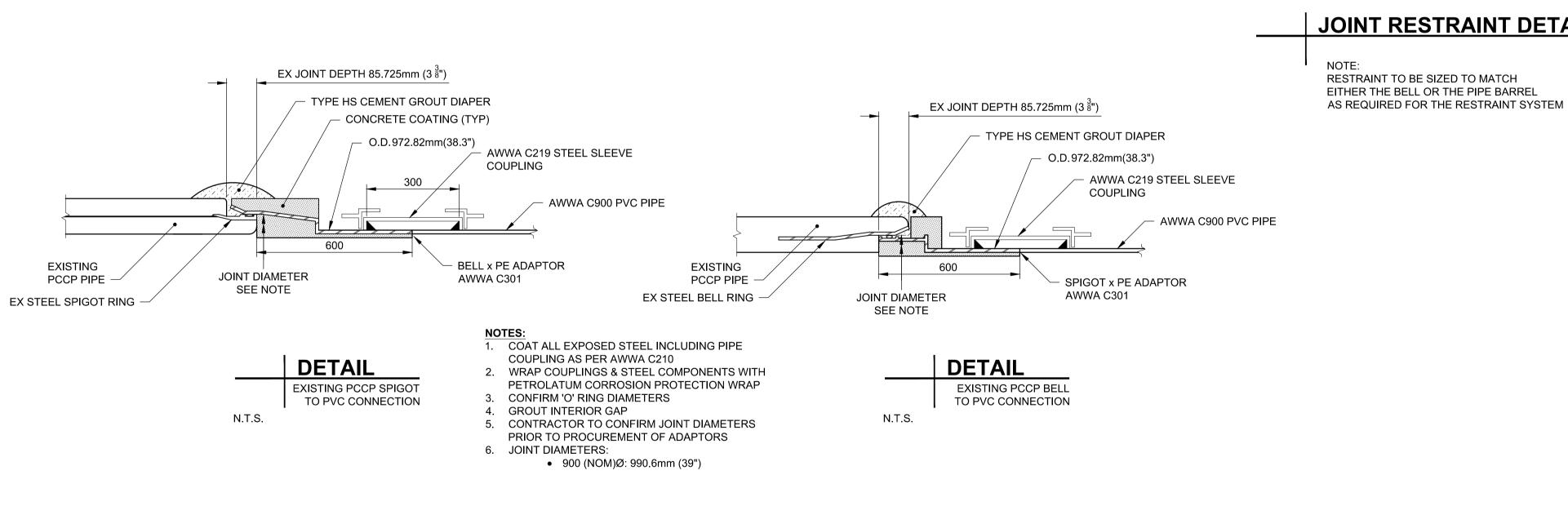
TAKE PRECAUTION TO AVOID DAMAGE TO GAS

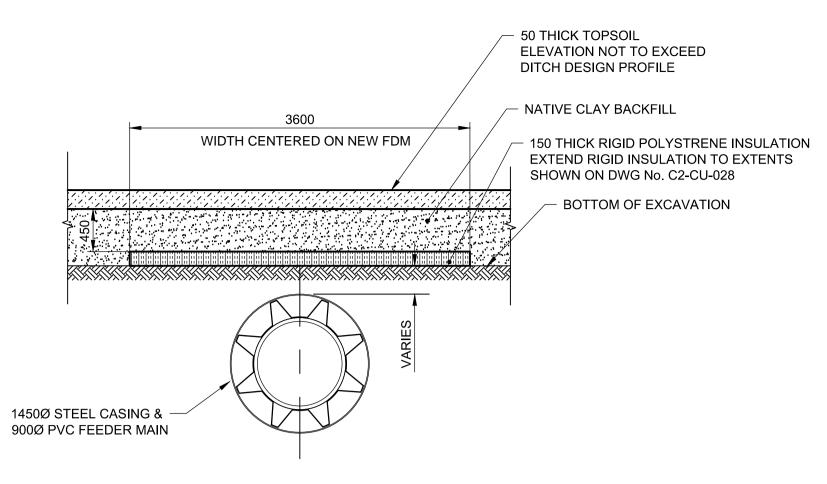
USED FOR EXCAVATION ON THIS PROJECT THE

CONTRACTOR MUST:

LOCATION OF EXCAVATION.

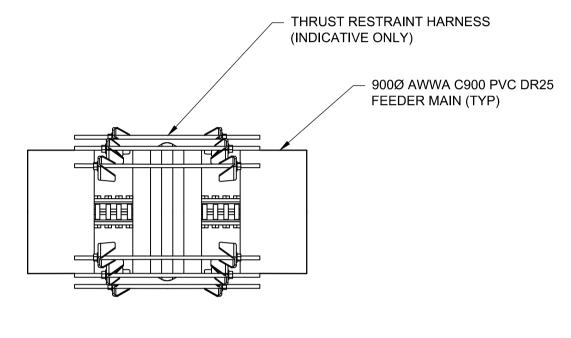
REGULATION 210/72 FOR DETAILS.





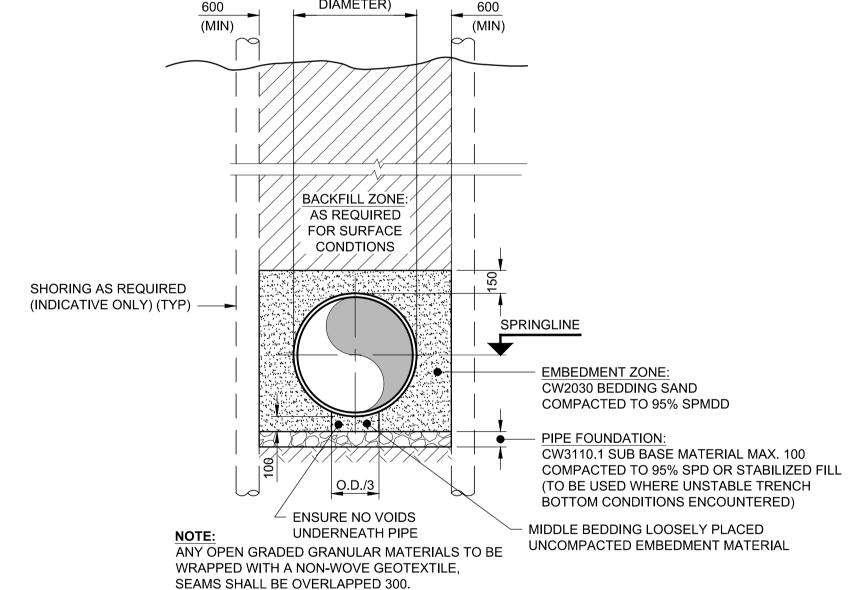
INSULATION DETAIL FOR MIDTOWN FEEDER MAIN AT C.N. CROSSING

(OUTSIDE



JOINT RESTRAINT DETAIL

EITHER THE BELL OR THE PIPE BARREL



DETAIL MIDTOWN FEEDER MAIN & CASING INSTALLATION (TRENCH DETAIL) N.T.S.



METRIC
WHOLE NUMBERS INDICATE MILLIMETRE DECIMALIZED NUMBERS INDICATE METRI

	CONSTRUCTION.															ORTUNITY NO. 473-2016
150 WM	WATER MAIN	150_WM		PIPE ABANDONMENTS		150 WM	WATER MAIN	150 WM		B.M.			ENGINEER'S SEAL	a		
-6-	HYDRANT	-	#	SURVEY BAR		†	HYDRANT	+	UNDERGROUND STRUCTURES	ELEV.			OF OF W		THE CITY OF W	/INNIPEG
⊗	VALVE	•	δ	CURB STOP	•	X	VALVE	X				AECOM	JULINE WANTE		PUBLIC WORKS DE	PARTMENT
300 LDS	LAND DRAINAGE SEWER	300 LDS		REDUCER	—	300 LDS	LAND DRAINAGE SEWER	300 LDS	OUDY 11/0 OTBUSTURES			<i>-</i> — — — — — — — — — — — — — — — — — — —	A. D.	Winnipeg		
250 WWS	WASTE WATER SEWER	250 WWS	X	COUPLING	x	250 WWS	WASTE WATER SEWER	250 WWS	SUPV. U/G STRUCTURES DATE				BRAUN	1.0		
	SEWER SERVICE PIPE	SSP	P	ANODE	- >		PAVEMENT CROWN				DE:	SIGNED CHECKED ADB BY	Member		T UNDERPASS AT CN MILE 3.89 RIVERS SUB	CITY DRAWING NUMBER
	DRAINAGE CONNECTION PIPE			HYDRO			N/W PROPERTY LINE		1			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	24453	CONTRACT 2:	UNDERPASS STRUCTURE, RAILWORKS,	U239-2016-C2-CU-030

300	0 LDS I	LAND DRAINAGE SEWER	300 LDS		REDUCER		300 LDS	LAND DRAINAGE SEWER	300 LDS				4			And Dog	Winnipeg Public Works DE	PARIMENI
6 250	wws	WASTE WATER SEWER	250 WWS	X	COUPLING	x		WASTE WATER SEWER	250 WWS	SUPV. U/G STRUCTURES DATE						BRAUN	··	
ج آ		SEWER SERVICE PIPE	SSP	Ð	ANODE	7		PAVEMENT CROWN					DESIGNED BY	ADB	CHECKED BY	Member Member	WAVERLEY STREET UNDERPASS AT CN MILE 3.89 RIVERS SUB	CITY DRAWING NUMBER
<u> </u>	DR	RAINAGE CONNECTION PIPE			HYDRO		→	N/W PROPERTY LINE					DDAWN		ADDDOVED	24453	CONTRACT 2: UNDERPASS STRUCTURE, RAILWORKS,	U239-2016-C2-CU-030
006	0	MANHOLE	•		MTS			S/E PROPERTY LINE		LOCATION OF UNDERGROUND STRUCTURES AS			BY	WJd	APPROVED BY	Pro	ROADWORKS, LAND DRAINAGE SEWER, PUMPING STATION AND LANDSCAPING WORKS	SHEET OF
48		CATCH BASIN			GAS			N/W GUTTER		SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE. BUT NO GUARANTEE IS GIVEN	2 ISSUED FOR ADDENDUM 5	17/03/02 WJd			RELEASED FOR	POFESSIONA	AND LANDSCAPING WORKS	30 41
211	Δ	CURB INLET	A	+	TESTHOLE		$- \leftarrow -$	S/E GUTTER		THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT.	1 ISSUED FOR ADDENDUM 1	17/01/25 DKD	HOR. SCALE		CONSTRUCTION	CONCULTANT PROJECT NUMBER	EXISTING MIDTOWN FEEDER MAIN	CONSULTANT DRAWING NUMBER
303; 		CULVERT		••	LAMP STANDARD					LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES	0 ISSUED FOR TENDER	17/01/09 DKD	VERTICAL	AS NOTED		CONSULTANT PROJECT NUMBER	RAIL CROSSING	C2 CH 020
EXIS	STING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PROFILE	NEW	BEFORE PROCEEDING WITH CONSTRUCTION.	NO. REVISIONS	DATE BY	DATE		DATE	60321148	FM OFF-LINE REPLACEMENT DETAILS 2	C2-CU-030