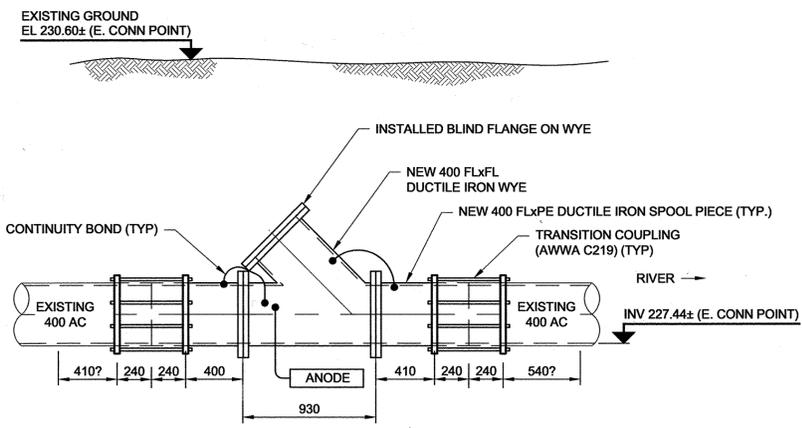
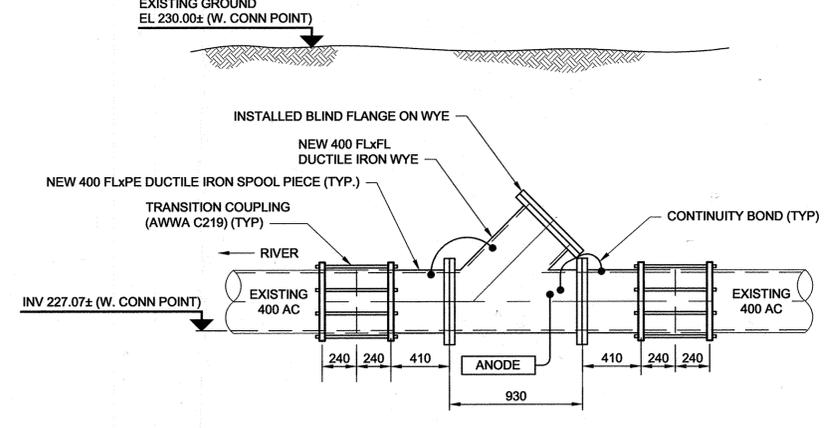


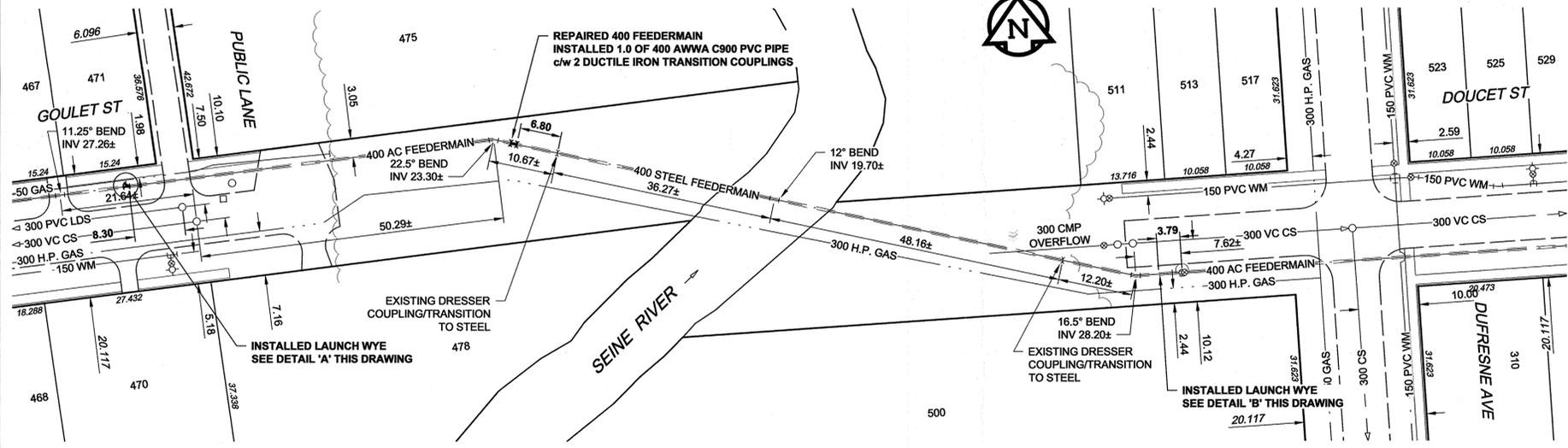
D SIZE 22" x 34" (559mm x 864mm) PLOT: 26/2017 11:58:38 AM AECOM FILE NAME: 60270487-SHT-30-0000-C-1002.dwg Saved By: demoudenn



**DETAIL 'A'**  
LAUNCH WYE INSTALLATION  
AT GOULET ST  
0 625 1250  
1:25 mm



**DETAIL 'B'**  
LAUNCH WYE INSTALLATION  
AT DOUCET ST  
0 625 1250  
1:25 mm



**PLAN**  
Scale 1:500  
0 12.5 25  
m

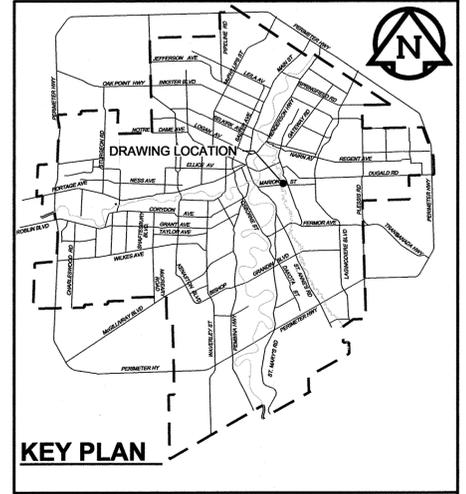


**SITE PLAN**  
Scale 1:1500  
0 37.5 75  
m

**MATERIAL LIST**

ITEM	MANUFACTURER	MATERIAL SPECIFICATION	SPECIAL FEATURES
<b>WATER WORKS</b>			
400 PVC PIPE (350 to 500)	IPEX INC.	AWWA C905 CSA B137.3	"BIG BRUTE" DR-18
IRON COUPLINGS (TRANSITION) (400)	ROMAC INDUSTRIES INC.	AWWA C219 AWWA C213	FBE-COATED D.I. SLEEVE & END RINGS
		ASTM A536 GRADE 65-45-12	TYPE 304 S.S. NUTS, BOLTS, WASHERS
		MODEL "501"	AND DI-ELECTRIC WASHERS
		CONFORMS TO AP-002	TOP MARKED "AIL" & STENCILED "WDVB"
		AWWA C115, AWWA C104, AWWA C210	EPOXY COATED
			CEMENT MORTAR LINED
			EPOXY COATED
			CEMENT MORTAR LINED
			EPOXY COATED
			CEMENT MORTAR LINED
			ZINC WEIGHT 10.9 kg
			PROFILING MASTIC
			PETROLATUM TAPE
			OUTER WRAP
<b>VALVE STEM EXTENSION</b>	W.D. VALVE BOXES LTD.		
400 DUCTILE IRON SPOOL PIECE (FLANGE X PLAIN END)	METALFIT INC.		
400 DUCTILE IRON WYE (FLANGED)	METALFIT INC.		
400 DUCTILE IRON BLIND FLANGE	METALFIT INC.		
<b>ANODES - ZINC</b>	THE CANADA METAL (PACIFIC) LTD.	ASTM B418 - TYPE II	
PETROLATUM TAPE CORROSION PROTECTION	DENSO NORTH AMERICA	AWWA C2017	

**CONTRACTOR:** TRI CORE PROJECTS MANITOBA LTD.  
**CONSTRUCTION PERIOD:** JULY to NOVEMBER 2015  
**FIELD BOOK NO.:** N/A



**KEY PLAN**



**METRIC**  
WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES

**RECORD DRAWING**  
BID OPPORTUNITY NO. 289-2015

LEGEND - PLAN	LEGEND - PLAN	LEGEND - PLAN	LEGEND - PLAN	LEGEND - PROFILE	LEGEND - PROFILE
150 WM	WATERMAIN	150 WM	CURB STOP	150 WM	WATERMAIN
HYDRANT	HYDRANT	REDUCER	REDUCER	HYDRANT	HYDRANT
VALVE	VALVE	COUPLING	COUPLING	VALVE	VALVE
300 LDS	LAND DRAINAGE SEWER	ANODE	ANODE	300 LDS	LAND DRAINAGE SEWER
250 WWS	WASTE WATER SEWER	HYDRO	HYDRO	250 WWS	WASTE WATER SEWER
MANHOLE	MANHOLE	MTS	MTS		
CATCH BASIN	CATCH BASIN	GAS	GAS		
CURB INLET	CURB INLET	TESTHOLE	TESTHOLE		
CULVERT	CULVERT	LAMP STANDARD	LAMP STANDARD		
PIPE ABANDONMENTS	PIPE ABANDONMENTS	TREE	TREE		
SURVEY BAR	SURVEY BAR				
EXISTING	LEGEND - PLAN	NEW	LEGEND - PLAN	EXISTING	LEGEND - PROFILE
				NEW	

**LOCATION APPROVED**  
UNDERGROUND STRUCTURES

SUPR. U/G STRUCTURES	DATE	COMMITTEE

**NOTE:**  
LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE. BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

NO.	REVISIONS	DATE	BY
2	ISSUED FOR RECORD	17/02/24	WJD
1	ADDED TEMPORARY PLUG	15/05/05	WJD
0	ISSUED FOR CONSTRUCTION	15/04/16	ADL

**AECOM**

DESIGNED BY	ADB	CHECKED BY	[Signature]
DRAWN BY	ADL	APPROVED BY	[Signature]
HOR. SCALE	AS NOTED	RELEASED FOR CONSTRUCTION	
VERT. SCALE	N/A		
DATE		DATE	

PROFESSIONAL'S SEAL  
PROVINCE OF MANITOBA  
REGISTERED PROFESSIONAL ENGINEER  
**BRAUN**  
Member  
60270487-SHT-30-0000-C-1002

**THE CITY OF WINNIPEG**  
WATER AND WASTE DEPARTMENT

**PROVISION OF PIPELINE ACCESS MODIFICATIONS, CLEANING AND SUPPORT SERVICES FOR WATER MAIN RIVER CROSSING INSPECTIONS**

**SITE 10**  
GOULET - DOUCET WATER MAIN

SHEET 1 OF 3  
CITY DRAWING NUMBER  
**D-13302**  
REV 2