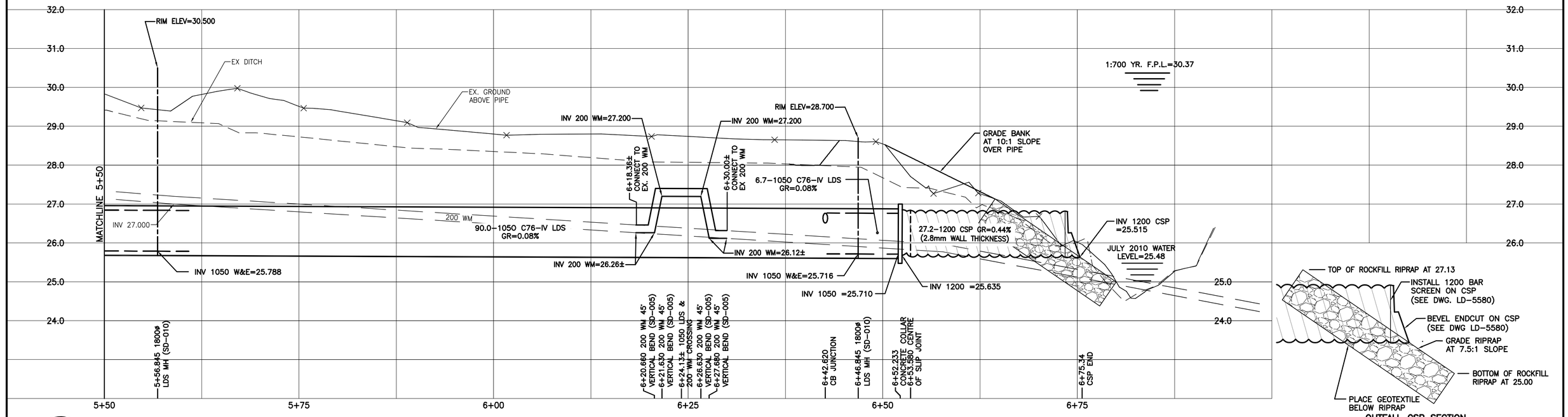
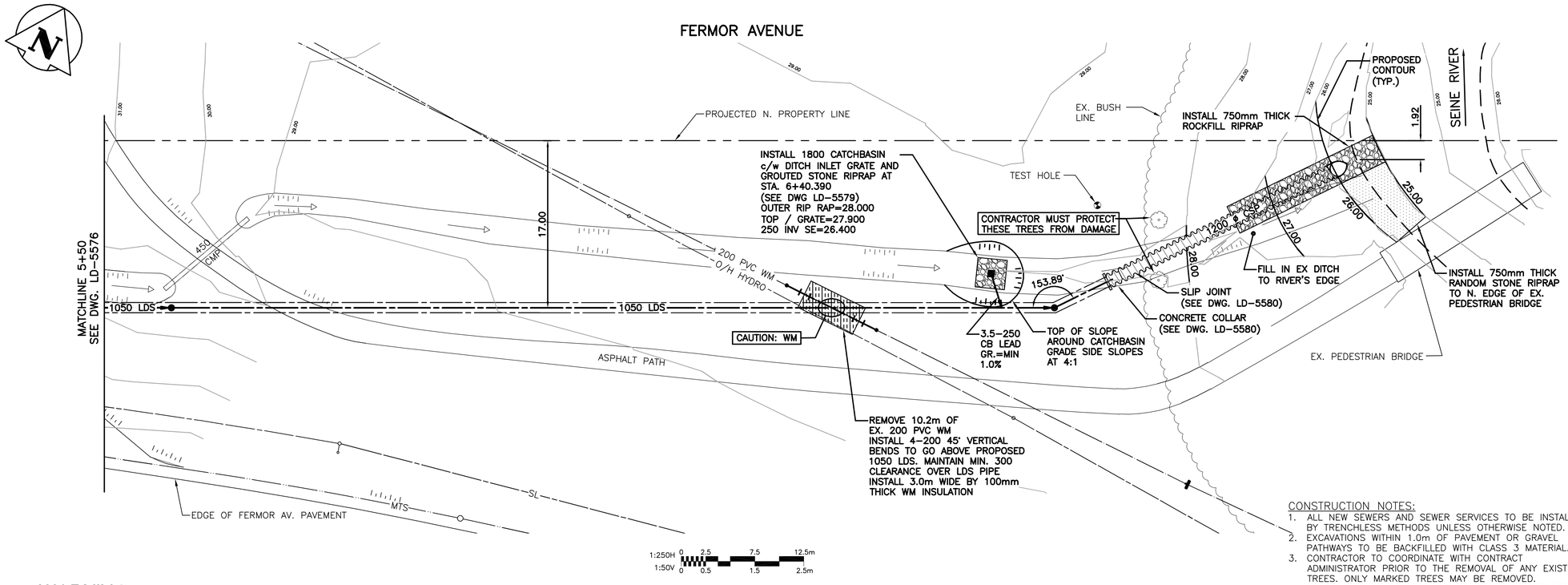


OUTFALL CSP SECTION
N.T.S.



RIPRAP DETAIL
SCALE: 1:100

CONSTRUCTION NOTES:

1. ALL NEW SEWERS AND SEWER SERVICES TO BE INSTALLED BY TRENCHLESS METHODS UNLESS OTHERWISE NOTED.
2. EXCAVATIONS WITHIN 1.0m OF PAVEMENT OR GRAVEL PATHWAYS TO BE BACKFILLED WITH CLASS 3 MATERIAL.
3. CONTRACTOR TO COORDINATE WITH CONTRACT ADMINISTRATOR PRIOR TO THE REMOVAL OF ANY EXISTING TREES. ONLY MARKED TREES MAY BE REMOVED. CONTRACTOR TO PROTECT ANY EX. TREES AS REQUIRED.
4. CONTRACTOR TO MAINTAIN DRAINAGE IN EX. DITCH DURING THE DURATION OF THE CONSTRUCTION.
5. EX. DITCHES AND RIVERBANK TO BE RESTORED USING SPECIFIED SEEDMIX.
6. PREVENT EXCAVATED MATERIAL FROM ENTERING OUTFALL PIPE AND ENTERING RIVER.

NOTE:
STATIONING IS ALONG N ℄

BENCH MARK: S.W. Cor. St. Mary's Rd. & Glenview Ave., Tbit. in 7.6 m Conc. pile, 6 m N. of S.L. of Glenview Ave. & 0.6 m W. of W.L. of St. Mary's Rd.

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.
2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.

SEE PROVINCIAL REGULATION 140/92 FOR DETAILS

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

PROPOSED	LEGEND–PLAN	EXISTING
150 WM	WATERMAIN	150 WM
⊹	HYDRANT	⊹
⊗	VALVE	⊗
300 LDS	LAND DRAINAGE SEWER	300 LDS
250 WWS	WASTE WATER SEWER	250 WWS
○	MANHOLE	●
□	CATCH BASIN	■
▽	CURB INLET	▼
	JUNCTIONS	
	CULVERT	
	GAS	

PROPOSED	LEGEND–PLAN	EXISTING
	HYDRO	
	M.T.S.	
	CONCRETE	
	ASPHALT	
	SIDEWALK	
	PROPERTY LINE	
⊕	SURVEY BAR	
	DITCH	
31.334	ELEVATION	(32.231)

PROPOSED	LEGEND–PROFILE	EXISTING
150 WM	WATERMAIN	150 WM
⊥ , ⊠	HYDRANT, VALVE	⊥ , ⊠
300 LDS	LAND DRAINAGE SEWER	300 LDS
250 WWS	WASTE WATER SEWER	250 WWS
×	℄ PROFILE	
□	NORTH OR WEST GUTTER	
○	SOUTH OR EAST GUTTER	
◇	NORTH OR WEST ℄	
○	SOUTH OR EAST ℄	
△	NORTH OR WEST DITCH	
▽	SOUTH OR EAST DITCH	

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE — DATE

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.

B.M. 54–011
ELEV. 231.851 m

NO.	REVISIONS	DATE	BY

BID OPPORTUNITY NO. 886–2010

APEGM Certificate of Authorization
Stantec Consulting Ltd.
No. 1301 Date:_____

Stantec Consulting Ltd.
905 Waverley Street, Winnipeg, Manitoba
Tel 204–489–5900 Fax 204–453–9012

DESIGNED BY	J.C	CHECKED BY	H.K.
DRAWN BY	D.M.L.	APPROVED BY	L.C.
HOR. SCALE:	1:250	RELEASED FOR CONSTRUCTION:	
VERTICAL:	1:50		
DATE	2010.07.26	DATE	

ENGINEER'S SEAL

CONSULTANT DRAWING NO. C-241

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

FERMOR AVENUE
6.8 W OF 4TH MH E OF ST. ANNE'S RD TO END OF OUTFALL AT SEINE RIVER
MAGER COMBINED SEWER DISTRICT SEWER SEPARATION CONTRACT NO. 3

SHEET	9 OF 12
CAD FILE DRAWING NUMBER	11890c-237-712.dwg
CITY DRAWING NUMBER	LD-5577

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2010-12-08 01:30PM By: dfenn

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