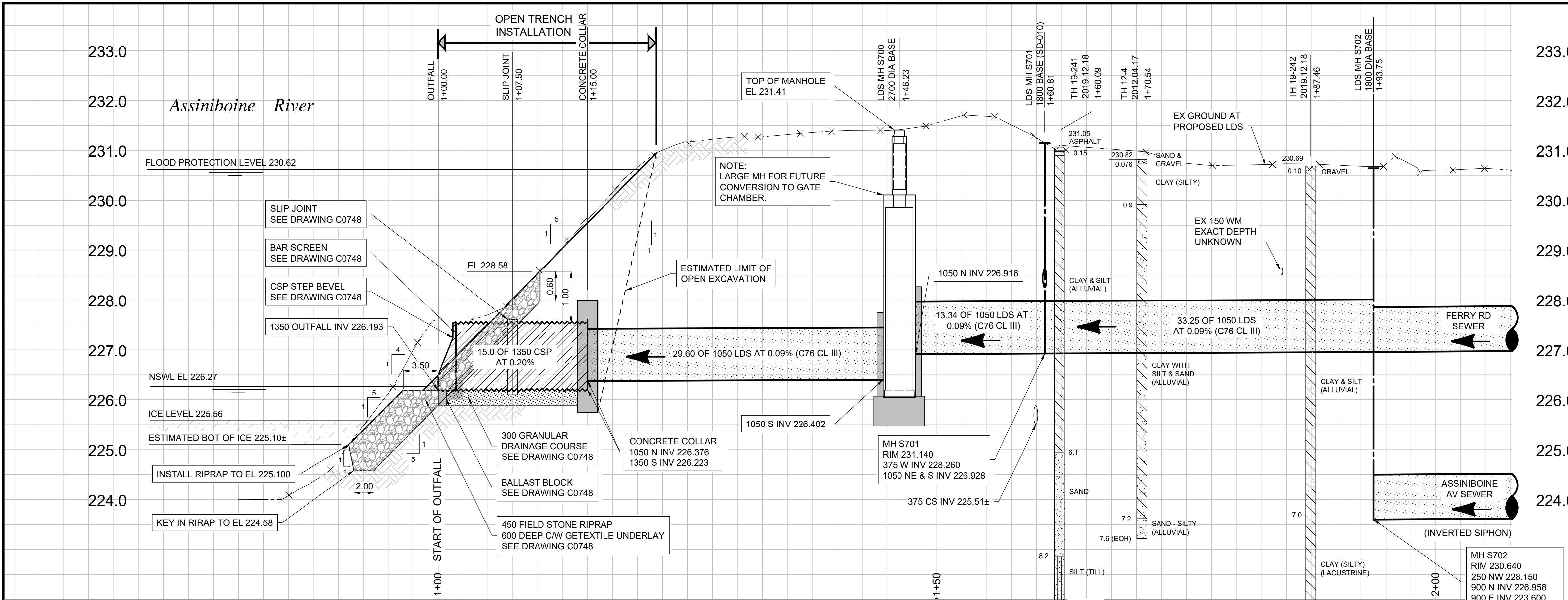


X:\A-CITY OF WINNIPEG - WATER & WASTE DEPARTMENT - 001210001203.00 - FERRY ROAD/CONTRACT 7/CAD/PRODUCTION DRAWINGS/C0741 1000120300-DWG-C0188 BOURKEVALE PARK OUTFALL DWG 2020-08-24 4:23 PM

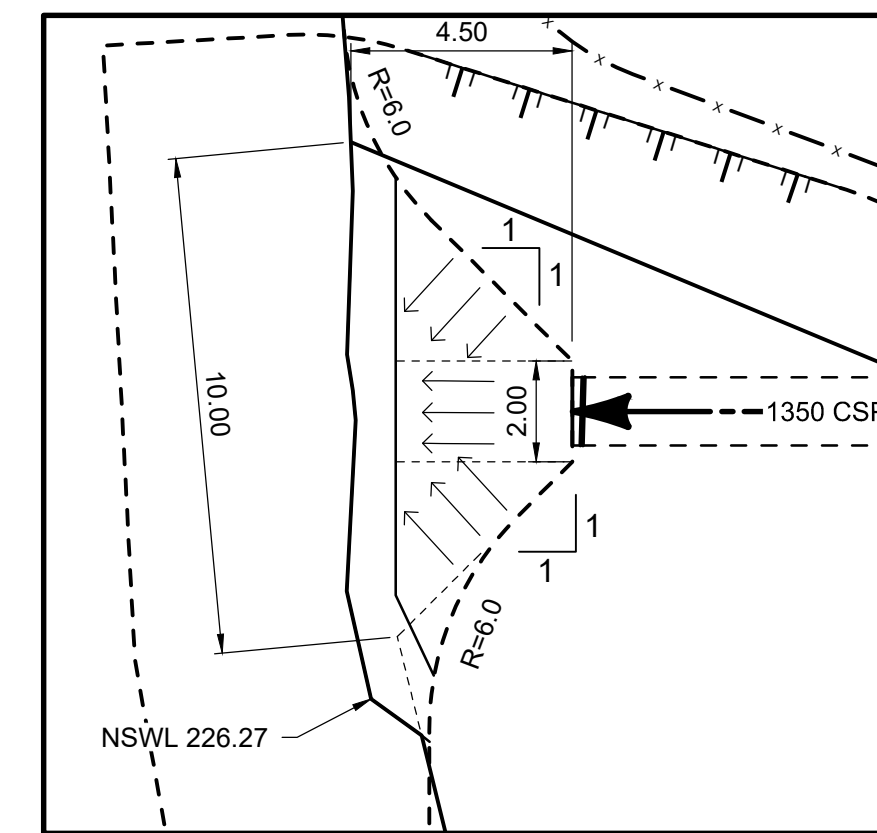


CONSTRUCTION NOTES:

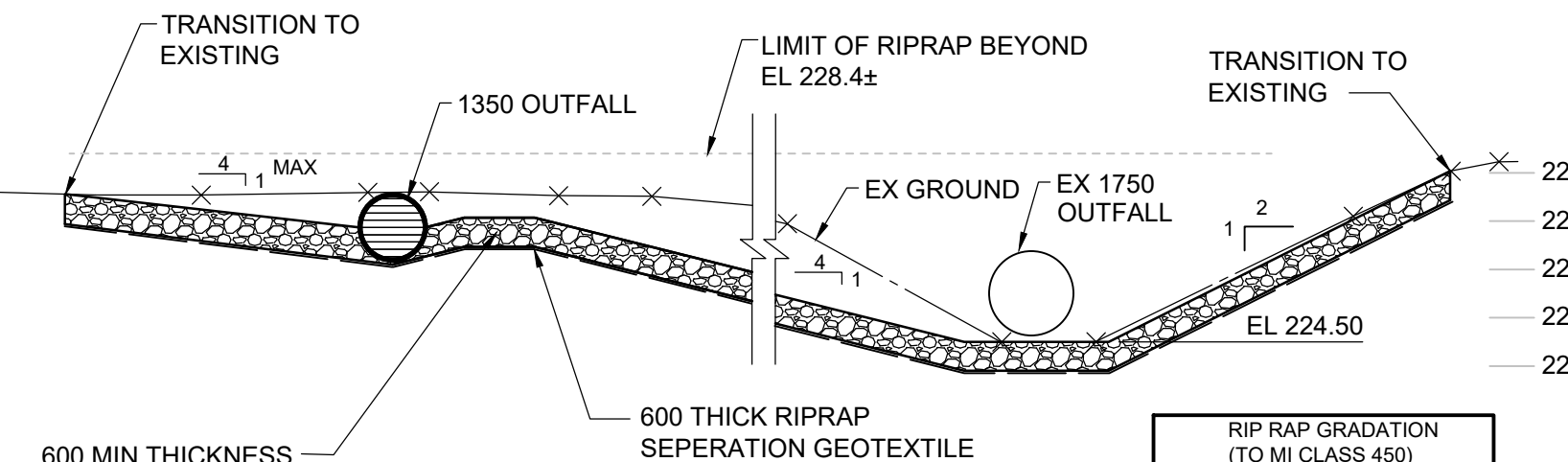
1. LOCATION OF ALL EXISTING SEWER AND WATER LINES TO BE CONFIRMED IN THE FIELD.
2. SEWER AND WATER SERVICES SHOWN ON DRAWINGS ARE APPROXIMATE ONLY.
3. INSTALL NEW SEWER AND CATCHBASIN LEADS BY TRENCHLESS METHODS, UNLESS NOTED OTHERWISE.
4. CERTAIN CATCHBASINS REQUIRE EXTRA RISERS FOR FUTURE STREET RECONSTRUCTION. SEE INDIVIDUAL CATCHBASIN NOTES FOR INFORMATION.
5. REVEGETATE OUTFALL AREA BELOW TOP SLOPE OF EMBANKMENT WITH NATIVE GRASS MIX.
6. REVEGETATE OUTFALL AREA ABOVE TOP SLOPE OF EMBANKMENT WITH PARK BOULEVARD SEED MIX.

GENERAL NOTES:

1. CHAINAGE IS ALONG CENTRELINE OF PROPOSED OUTFALL AND LDS.
2. STATION 1+00 = START OF OUTFALL.
3. SEE SPECIFICATIONS FOR DETAILED TEST HOLE INFORMATION.

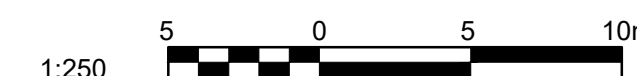


1 OUTFALL NOTCH
1:150

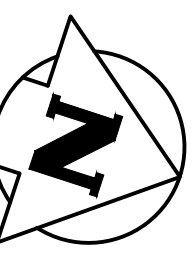
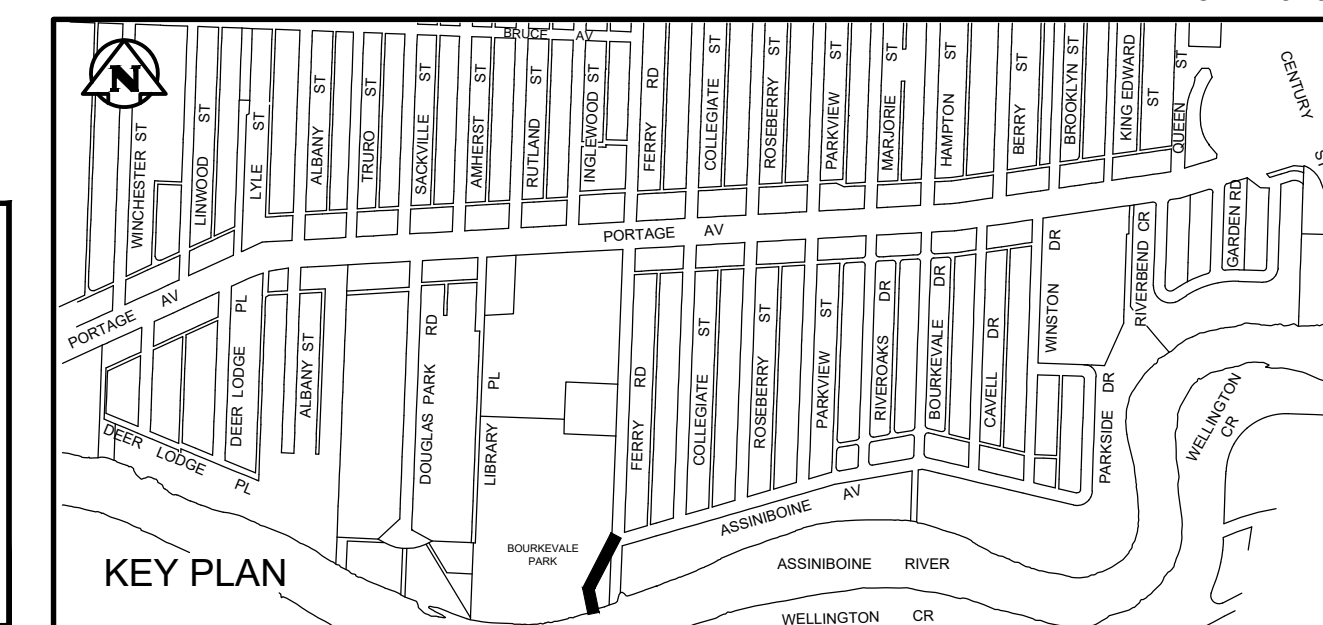


2 RIP RAP SECTION
1:150

RIP RAP GRADATION TO M1 CLASS 450		
STONE SIZE (mm)	% PASSING	
450	100%	
250	15-50%	
100	0-15%	



TENDER No. 572-2020



Assiniboine River
FLOW

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES



TREE PLANTING			
ID	COMMON NAME	SIZE/HEIGHT	QUANTITY
T1	MANITABA MAPLE - "BARON"	60-70 CAL	3
T2	PLAIN COTTONWOOD - "SKYFEST" (JEFFRIES JECOT)	60-70 CAL	3
T3	AMERICAN ELM - "PRAIRIE EXPEDITION"	60-70 CAL	3

EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED
300 LDS	LAND DRAINAGE SEWER	300 LDS	○	MANHOLE	●	15.240	BENCHMARK	
150 WM	WATERMAIN	□	□	CATCHBASIN/CATCH PIT	■		LEGAL DIMENSION	
250 WWS	WASTEWATER SEWER	▽	▽	CURB & GUTTER INLET	▼		SURVEY BAR	
300 CS	COMBINED SEWER	♂	♂	CURB STOP	⊕		GAS	
350 FCM	FORCEMAIN	♀	♀	TEST HOLES	⊙		HYDRO	
	JUNCTIONS	⊙	⊙	TREE	—		BELLMTS	
	HYDRANT	⊙	⊙	DRIPLINE	—		FIBRE OPTIC	
	VALVE	⊙	⊙	ADDRESS	—		CURB	
	BEND	⊙	⊙	HYDRO POLE	—		SILT FENCE	
	TEE	⊙	⊙	LIGHT STANDARD	—		SHAFT LOCATION	

LOCATION APPROVED UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE

DATE

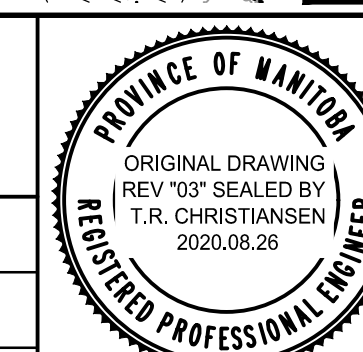
NOTE: LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE. BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES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

B.M. CITY OF WINNIPEG 38-069
ELEV. 233.792m

NO.	REVISIONS	DATE	BY
04	REISSUED FOR TENDER	20.09.03	TRC
03	REISSUED FOR APPROVAL	20.08.26	TRC
02	GENERAL REVISION	19.12.09	TRC
01	ISSUED FOR CONSTRUCTION	19.11.28	TRC
00	ISSUED FOR TENDER	19.09.26	TRC



DESIGNED BY	ML	CHECKED BY	KJM, TRC
DRAWN BY	GMD	APPROVED BY	GS
HOR. SCALE:	1:250	RELEASED FOR CONSTRUCTION	
VERTICAL:	1:50		
DATE	2020-09-03	DATE	



CONSULTANT DRAWING NO.
1000120300-DWG-C0198

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

FERRY ROAD AND RIVERBEND
COMBINED SEWER RELIEF WORKS
CONTRACT 7C
BOURKEVALE PARK OUTFALL
ASSINIBOINE RIVER TO
FERRY ROAD

CITY DRAWING NUMBER
LD-9531
SHEET 1 OF 9
C0741