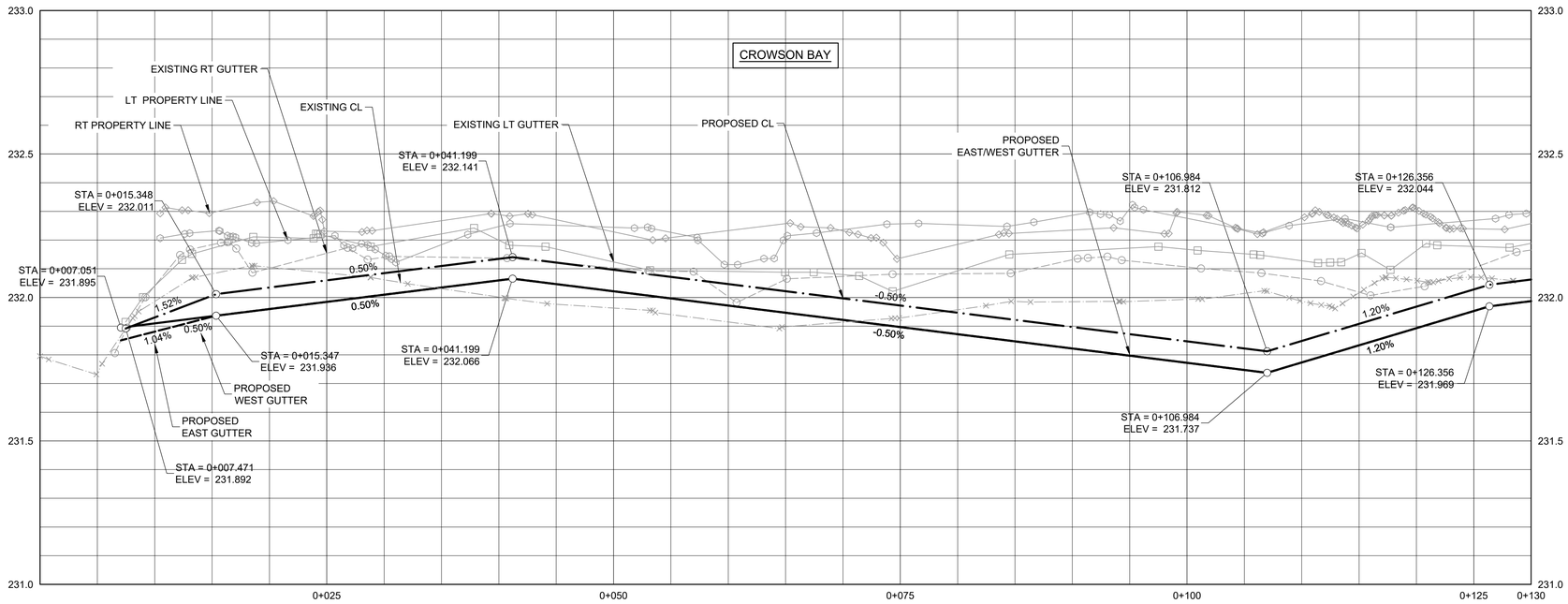

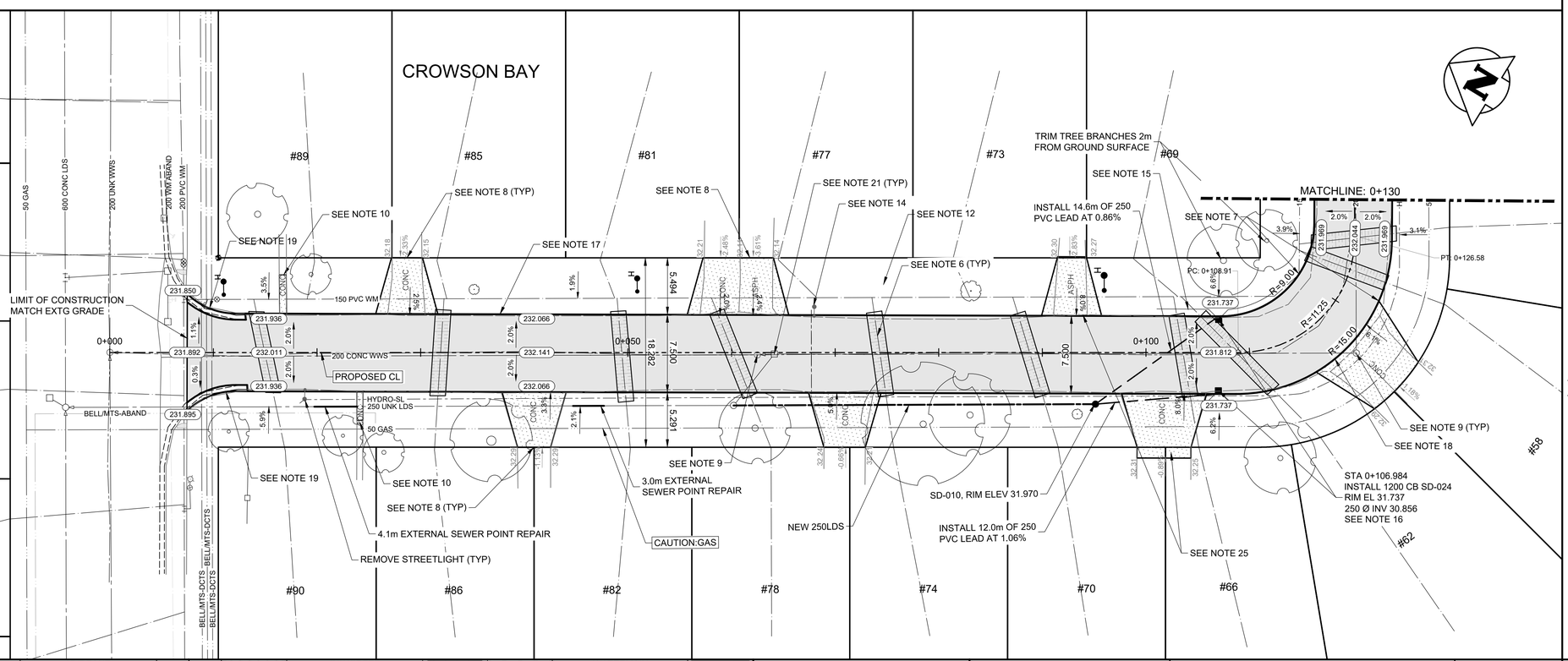

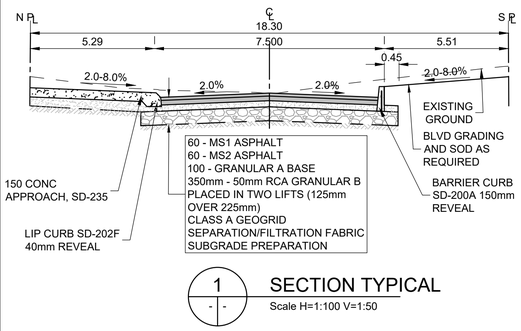

1 - SECTION TYPICAL
Scale H=1:100 V=1:50

CONSTRUCTION NOTES:

1. ALL WORK AND MATERIALS TO BE IN ACCORDANCE WITH LATEST REVISION OF THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
2. LEGAL PLAN AND UNDERGROUND INFORMATION FROM CITY OF WINNIPEG LBIS.
3. LOCATION OF EXISTING UTILITIES/SERVICES TO BE CONFIRMED IN THE FIELD BY THE CONTRACTOR.
4. CONTRACTOR TO TAKE PRECAUTIONARY STEPS TO AVOID DAMAGE FROM CONSTRUCTION ACTIVITIES TO TREES WITHIN THE LIMITS OF CONSTRUCTION. REFER TO SPECIFICATION E.5 - PROTECTION OF EXISTING TREES.
5. ADJUST EXISTING WATER VALVES AND WATER SERVICE CURB STOPS TO GRADE. VALVES TO BE OPERATED BY CITY OF WINNIPEG CREWS.
6. WATER SERVICES TO BE INSULATED AS PER SD-018 WITH 100mm THICK x 2700mm WIDE TOP OF INSULATION OR RENEWED/INSULATED AS INDICATED ON PLAN IN ACCORDANCE TO CW-2110.
7. CONSTRUCT MODIFIED BARRIER CURB SD-203C. TO BE USED AT ALL INTERSECTION RADII.
8. CONSTRUCT 150mm REINFORCED CONCRETE APPROACH AS PER SD-235 WITH 1.5m TAPERS AND 40mm LIP CURB SD-202F AND AS DIRECTED BY THE CONTRACT ADMINISTRATOR.
9. ADJUST MANHOLE AND CATCH BASIN RIMS TO NEW GRADES. REMOVE AND REPLACE ALL MANHOLE FRAMES AND COVERS IN PAVEMENT. REPAIR/REPLACE BENCHING AND RISERS AS DIRECTED BY THE CONTRACT ADMINISTRATOR.
10. CONSTRUCT SIDEWALK CONNECTIONS TO PRIVATE APPROACHES AS PER SD-228A TO LIMITS AS SHOWN. ALL PRIVATE SIDEWALKS TO BE ADJUSTED TO NEW SIDEWALK OR TOP OF CURB ELEVATIONS AS REQUIRED. SIDEWALKS TO BE REPLACED WITH LIKE MATERIALS.
11. CB LEADS AND CP LEADS TO BE INSTALLED TO INVERT ELEVATIONS AS SHOWN. ALL CB AND CP LEADS TO BE INSTALLED AT MIN 2.0% SLOPE AND AS DIRECTED BY CONTRACT ADMINISTRATOR.
12. LIMITS OF BOULEVARD GRADING TO BE FINALIZED IN THE FIELD BY THE CONTRACT ADMINISTRATOR.
13. CONTRACTOR TO CONFIRM LOCATION AND LIMITS OF SEWER REPAIRS AS INDICATED ON THE DRAWINGS BY PERFORMING VIDEO INSPECTION AND REVIEWING WITH THE CONTRACT ADMINISTRATOR PRIOR TO CONSTRUCTION.
14. LAMP STANDARDS, HYDRO POLES AND ANCHORS THAT REQUIRE TEMPORARY SUPPORT, REMOVAL OR REPLACEMENT, TO BE DONE AT THE EXPENSE OF THE CONTRACTOR, AS NECESSARY. REFER TO SPECIFICATION EXX-WORKING AROUND MANITOBA HYDRO POLES.
15. INSTALL 6.0 m OF 150 mm SUBDRAIN TO CATCH BASINS IN BOTH DIRECTIONS WITH END CAPS PARALLEL TO ROADWAY AS PER SD-245 OR AS NOTED.
16. COMPLETE CATCH BASIN/CATCH PIT CURB ISOLATIONS IN ACCORDANCE WITH SD-220D DETAILS.
17. BARRIER CURB TO BE CONSTRUCTED AS PER SD-200A, WITH 150mm REVEAL AND AS DIRECTED BY THE CONTRACT ADMINISTRATOR.
18. CONSTRUCT 40mm LIP CURB WITH INTEGRAL APPROACH SD-202F FOR ASPHALT PAVEMENTS
19. RENEW MODIFIED BARRIER CURB AND GUTTER
20. MILL ASPHALT PAVEMENT, PLACE 60mm MS1 TO NEW GRADES
21. REMOVE CB AND ABANDON LEAD PIPE
22. ADJUST PRECAST CONCRETE BLOCKS
23. REGRADE EXISTING INTERLOCKING PAVING STONE. REMOVE EXISTING BASE AND REQUIRED SUBGRADE TO PROVIDE FOR 150mm BASE COURSE
24. INSTALL RAMP CURB FOR ASPHALT PAVEMENT 8-12mm REVEAL AS PER SD-229F
25. DRIVEWAY TO BE FORMED IN SEGMENTS TO FORM A VERTICAL CURVE AS PER CONTRACT ADMINISTRATOR
26. ALL DIMENSIONS ARE TO BACK OF CURB

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
Tetra Tech Canada Inc.
No. 6499

TENDER #203-2026

EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED
◇	HYDRANT	◆		CONCRETE		150 WM	WATERMAIN	150 WM
⊗	VALVE	⊗		ASPHALT-RECONSTRUCTION		300 LDS	LAND DRAINAGE SEWER	300 LDS
○	MANHOLE	●		ASPHALT-REHABILITATION		250 WWS	WASTE WATER SEWER	250 WWS
□	CATCH BASIN	■		SIDEWALK		┼	HYDRANT	+
▽	CATCH PIT	▼		PAVING STONES		─┼─	VALVE	─X─
150 WM	WATERMAIN	150 WM				─┼─	℄ PROFILE	
300 LDS	LAND DRAINAGE SEWER	300 LDS		PROPERTY LINE		─□─	NORTH/WEST GUTTER	
250 WWS	WASTE WATER SEWER	250 WWS	232.000	ELEVATION	232.000	─○─	SOUTH/EAST GUTTER	
HYDRO	HYDRO	HYDRO		CURB RAMP		─◇─	NORTH/WEST PROPERTY LINE	
MTS	M.T.S.	MTS	●H	LS/ HP		─○─	SOUTH/EAST PROPERTY LINE	
100 GAS	GAS	100 GAS						

UNDERGROUND STRUCTURES

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. ELEV.

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	26.03.17	JNC

TETRA TECH

DESIGNED BY	MA	REVIEWED BY	JT/DL/JC
DRAWN BY	MA	APPROVED BY	JNC
SCALE:	H = 1:250 V = 10	RELEASED FOR CONSTRUCTION	XX STREETS PROJECT ENGINEER
DATE	2026.03.17	DATE	

PROVINCE OF MANITOBA
J. N. CRANG
2026-03-17
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.
704-INF.MBI03048-01-DWG-C010

Winnipeg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

2026 LOCAL STREET RENEWAL PROGRAM
26-R-03

CITY DRAWING NUMBER
P-3599-10

SHEET 10 OF 25

ASPHALT RECONSTRUCTION
CROWSON BAY (DOWKER AVE TO STA 0+130)
PLAN AND PROFILE

C010