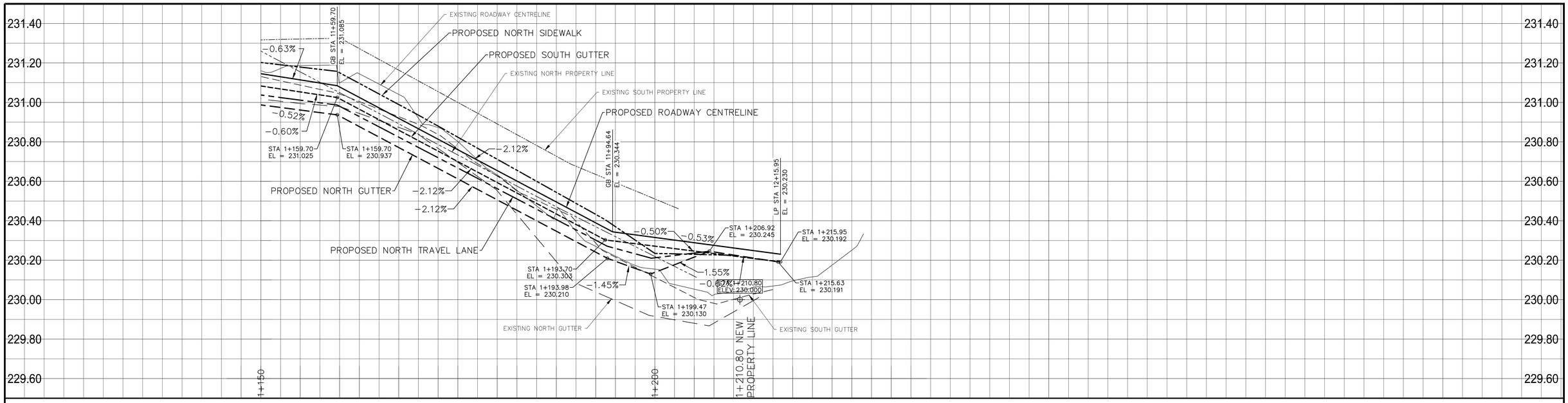
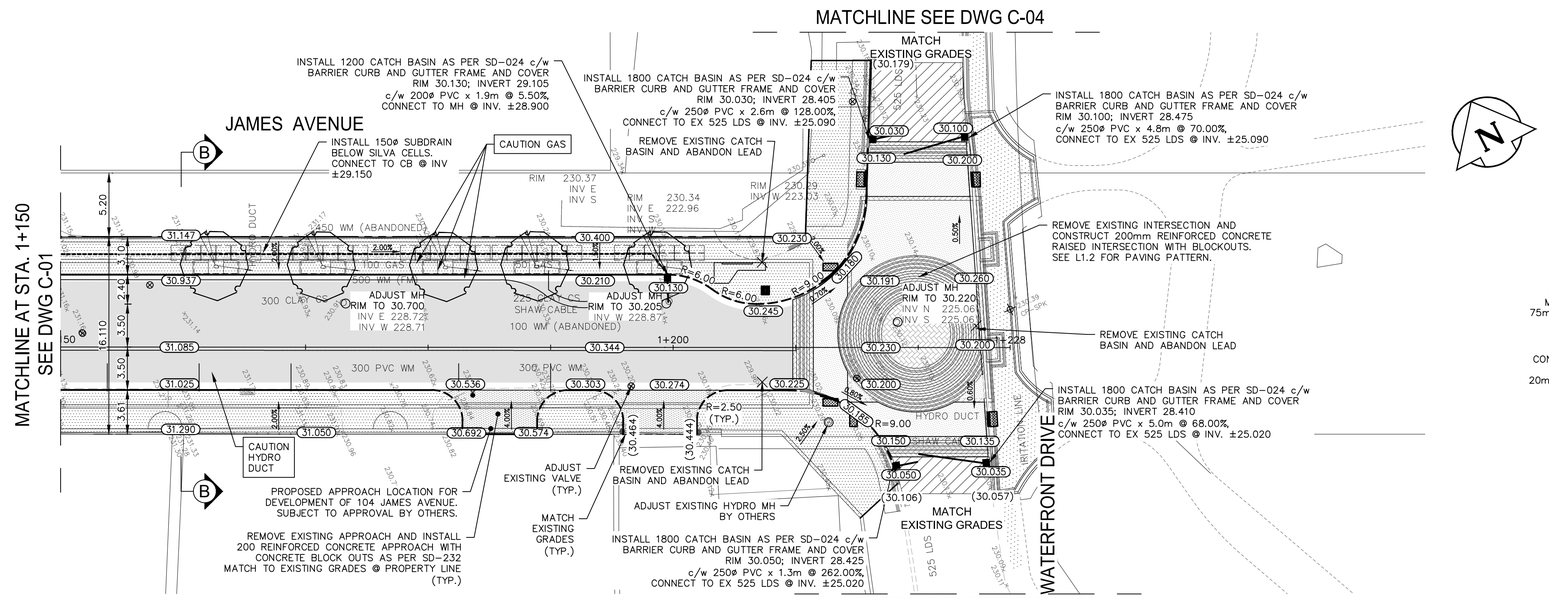
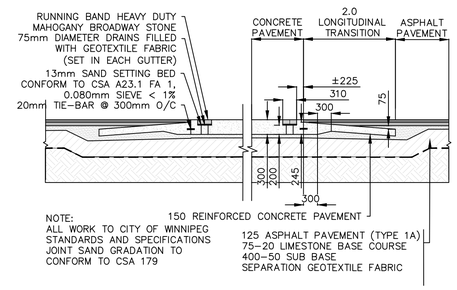
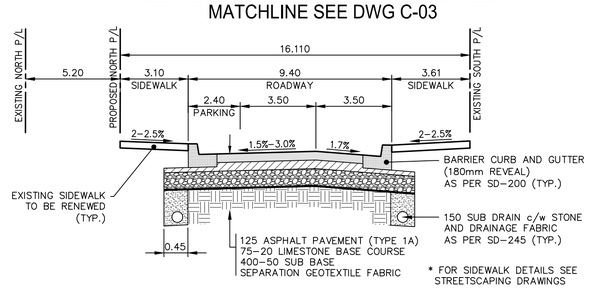






NOTE:
ALL WORK TO CITY OF WINNIPEG STANDARDS AND SPECIFICATIONS
JOINT SAND GRADATION TO CONFORM TO CSA 179

TYP. PEDESTRIAN CROSSING DETAIL



* FOR SIDEWALK DETAILS SEE STREETSCAPING DRAWINGS

SECTION B-B

NTS

NOTES:

1. ALL WORK AND MATERIALS TO BE IN ACCORDANCE WITH THE LATEST REVISION OF THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
2. CONTRACTOR TO CONFIRM THE LOCATION OF ALL UTILITIES/SERVICES IN THE FIELD PRIOR TO CONSTRUCTION.
3. ALL ROADWAY DIMENSIONS SHOWN ARE TO BACK OF CURB.
4. ADD 200.00 TO ABBREVIATED ELEVATIONS TO OBTAIN GEODETIC ELEVATION.
5. RENEW CURB AND SIDEWALK AS IDENTIFIED BY CONTRACT ADMINISTRATOR.
6. MODIFIED BARRIER CURB TO BE CONSTRUCTED AT ALL INTERSECTION RADII AND BACK LANE RADII.
7. INSTALL 40mm LIP CURB THROUGH ALL RESIDENTIAL APPROACHES.
8. ALL EXISTING LONG WATER SERVICES TO BE INSULATED AS PER SD-018 (AS REQUIRED).
9. LAMP STANDARDS, HYDRO POLES, AND ANCHORS THAT REQUIRE TEMPORARY SUPPORT, REMOVAL OR REPLACEMENT, TO BE DONE SO AT THE EXPENSE OF THE CONTRACTOR AS NECESSARY.
10. CONTRACTORS TO TAKE PRECAUTIONARY STEPS TO PROTECT EXISTING TREES WITHIN THE LIMITS OF CONSTRUCTION FROM DAMAGE FROM CONSTRUCTION ACTIVITIES AS OUTLINED IN THE SPECIFICATIONS.
11. ADJUST ALL WATER VALVES, HYDRANTS, MANHOLES, AND CATCH BASINS IN WORK AREA TO GRADE.

PRELIMINARY

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

ENGINEERS GEOSCIENTIST MANITOBA
Certificate of Authorization
WSP Canada Group Limited
No. 6657

NOTE:
These design documents are prepared solely for the use by the party with whom the design professional has entered into a contract and there are no representations of any kind made by the design professional to any party with whom the design professional has not entered into a contract.

EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED
	WATER MAIN			HYDRO POLE & LIGHT STANDARD				
	LAND DRAINAGE SEWER			LIGHT STANDARD OR TRAFFIC SIGNAL				
	WASTE WATER SEWER			HYDRO POLE				
	HYDRO							
	M.T.S.			CURB RAMP				
	GAS			DETECTABLE WARNING SURFACE TILE				
	SIGNALS			EDGE OF SIDEWALK				
○	MANHOLE	●		FENCE				
□	CATCH BASIN	■		PROPERTY LINE				
△	CURB INLET	▼		EDGE OF ASPHALT				
	UTILITIES ADJUSTED	△ □ ○		EDGE OF CONCRETE				
	PLUG			MODIFIED BARRIER CURB				
	HYDRANT			BARRIER CURB				
	VALVE	⊗		CURB AND GUTTER REPAIR				
	CURB STOP			MODIFIED BARRIER CURB AND GUTTER			NORTH SIDEWALK/P.L.	
230.99	GROUND GRADE			CONC. SIDEWALK WITH BLOCKOUTS			SOUTH SIDEWALK/P.L.	
(31.00)	PAVEMENT GRADE	(31.00)		CONCRETE REPAIR			NORTH TRAVEL LANE	
	ANCHOR			ASPHALT OVERLAY			ROADWAY CENTRELINE	
#111	CIVIC ADDRESS			PAVING STONE			NORTH OR WEST GUTTER	
	IRON BAR			ASPHALT MILLING			SOUTH OR EAST GUTTER	

LOCATIONS APPROVED UNDERGROUND STRUCTURES

SIGNED BY:

SUPV U/G STRUCTURES DATE

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 EXISTANCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING

G.B.M. TOP OF TOP NUT ON HYDRANT SOUTHWEST CORNER OF JAMES AVENUE AND BERTHA STREET
ELEV. 232.033

NO.	REVISIONS	DATE	BY
H			
G			
F			
E			
D			
C	ISSUED FOR TENDER	28-FEB-18	MV
B	ISSUED FOR U/G SERVICES REVIEW	08-JAN-18	MV
A	ISSUED FOR CLIENT REVIEW	10-NOV-17	MV

WSP Canada Group Limited
Suite 111 - 93 Lombard Ave
Winnipeg, MB R3B 3B1
t. 204.943.3178
f. 204.943.4948
www.wsp.com

DESIGNED BY	MV	CHECKED BY	VM
DRAWN BY	SB	APPROVED BY	VM
HOR. SCALE	1:250	RELEASED FOR CONSTRUCTION	
VERTICAL	1:10		
DATE	28-FEB-2018	DATE	

ENGINEER'S SEAL: PROVINCE OF MANITOBA — V.M. MAROTI — Member 30809 — REGISTERED PROFESSIONAL ENGINEER

CONSULTANT ACAD DWG. NO. C-02

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

NORTH EAST EXCHANGE DISTRICT

STREET RENEWALS
JAMES AVENUE
LILY STREET TO WATERFRONT DRIVE
STA. 1+150 TO STA. 1+215.63

CITY DRAWING NUMBER

SHEET 2 OF 19

BID NO. 61-2018

Mar 01, 2018 – 11:05am
P:\207\17M-01771-00 – 2018 North East Exchange\WSP Dwgs\17M-01771-00 C01-C07 James St_Waterfront Dr Plan and Profile-2018.02.28.dwg –tab:C-02 James Street