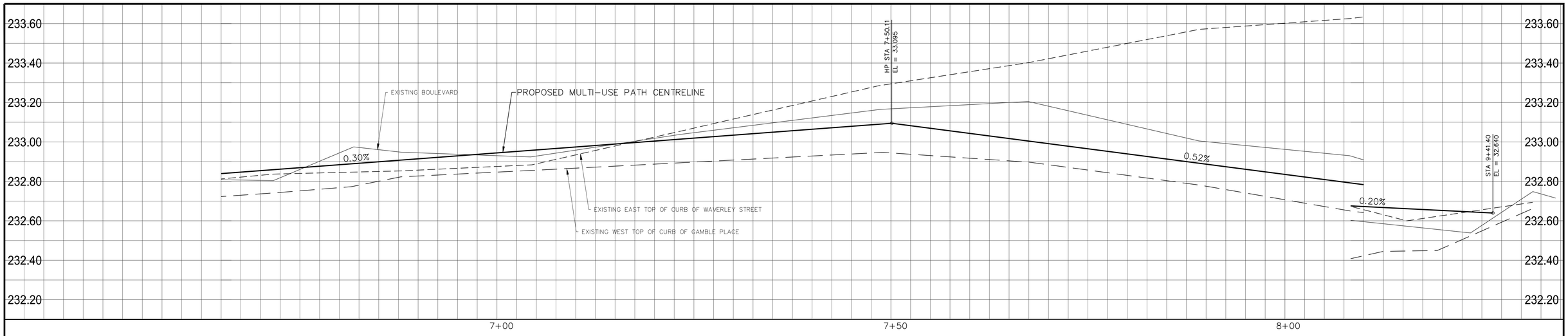

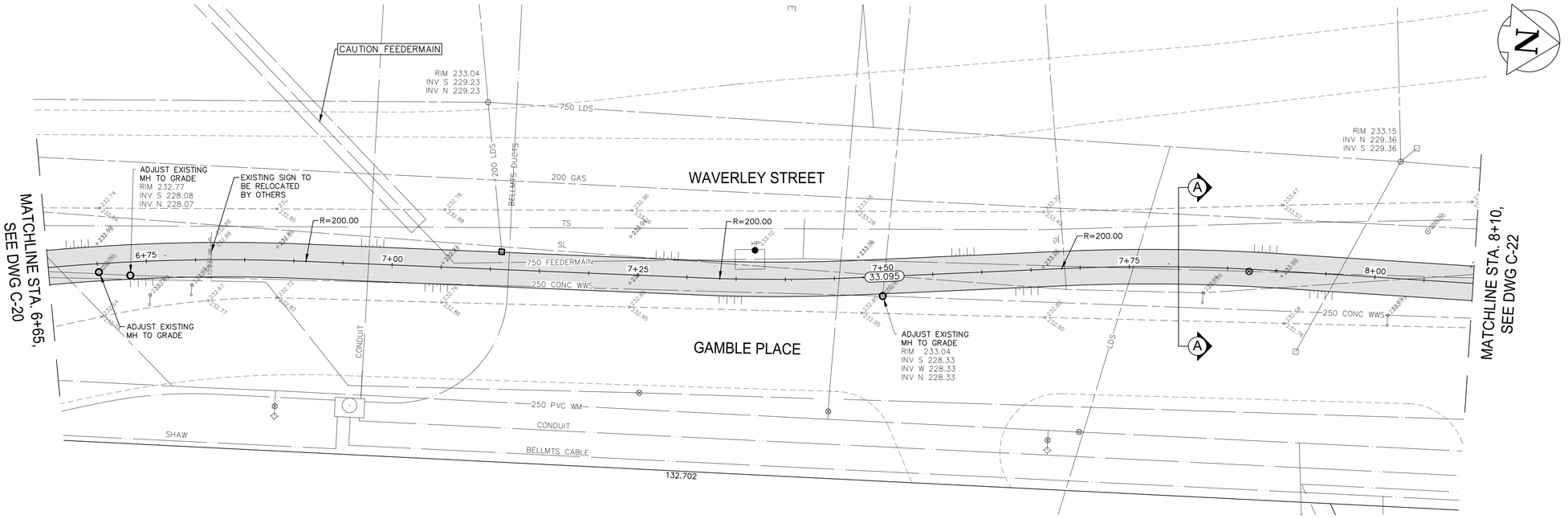

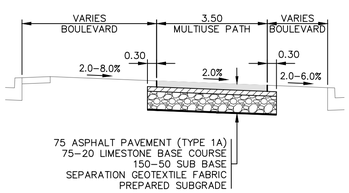

TYPICAL MULTI-USE PATH CROSS SECTION A-A

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. PAVEMENT REPAIRS SHOWN ARE ONLY A REPRESENTATIVE APPROXIMATION OF THE TENDERED QUANTITIES.
6. RENEW CURB AND SIDEWALK AS IDENTIFIED BY CONTRACT ADMINISTRATOR.
7. ALL PRIVATE WALKWAYS TO BE ADJUSTED TO NEW SIDEWALK OR TOP OF CURB ELEVATION, AS REQUIRED.
8. MODIFIED BARRIER CURB TO BE CONSTRUCTED AT ALL INTERSECTION RADII AND APPROACH RADII
9. INSTALL 40MM LIP CURB THROUGH ALL APPROACHES UNLESS OTHERWISE NOTED.
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. 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.
12. ALL BOULEVARDS TO BE SODDED UNLESS OTHERWISE NOTED. LIMITS TO BE IDENTIFIED IN THE FIELD BY THE CONTRACT ADMINISTRATOR.
13. TRAFFIC SERVICES TO PAINT TRAFFIC LINES AND BICYCLE LANE MARKINGS (IF REQ'D).
14. CONTRACTOR TO CONFIRM LOCATION AND LIMITS OF SEWER REPAIRS BY PERFORMING VIDEO INSPECTION AND REVIEWING WITH CONTRACT ADMINISTRATOR PRIOR TO CONSTRUCTION (IF REQ'D).
15. ADJUST ALL WATER VALVES, HYDRANTS, MANHOLES, AND CATCH BASINS IN WORK AREA TO GRADE.

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			CURB RAMP				
	HYDRO			DETECTABLE WARNING SURFACE TILE				
	M.T.S.			EDGE OF SIDEWALK				
	GAS			PROPERTY LINE				
	SIGNALS			EDGE OF ASPHALT				
○	MANHOLE	●		EDGE OF CONCRETE				
□	CATCH BASIN	■		MODIFIED BARRIER CURB				
△	CURB INLET	▼		BARRIER CURB				
	UTILITIES ADJUSTED	△□○		BARRIER CURB AND GUTTER				
◇	HYDRANT	◆		CONC SIDEWALK				
⊗	VALVE	⊗		CONCRETE SLAB				
230.99	GROUND GRADE			PAVEMENT WIDENING				
(32.000)	PAVEMENT GRADE	(32.000)		ASPHALT				
⟶	ANCHOR			MILLED SURFACE			MULTI-USE PATH CENTRELINE	
#111	CIVIC ADDRESS			ASPHALT JOINT REPAIR			EAST TOP OF CURB	
HP ●	HYDRO POLE			PAVING STONES			WEST TOP OF CURB	
	FENCE			BULLNOSE			BOULEVARD	

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. - 233.627
ELEV. - TOP OF TOP NUT ON FIRST HYDRANT EAST OF WAVERLEY STREET ON THE SOUTH SIDE OF CHEVRIER BOULEVARD

NO.	REVISIONS	DATE	BY
H	-	-	-
G	-	-	-
F	-	-	-
E	-	-	-
D	-	-	-
C	ISSUED FOR TENDER	2018-03-01	JP
B	ISSUED FOR UNDERGROUND STRUCTURES REVIEW	2018-02-02	JP
A	ISSUED FOR CLIENT REVIEW	2018-02-01	JP

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

DESIGNED BY	JP	CHECKED BY	TP
DRAWN BY	SB	APPROVED BY	VM
HOR. SCALE	1:250	RELEASED FOR CONSTRUCTION	
VERTICAL	1:10		
DATE	2017-11-06	DATE	

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

CONSULTANT ACAD DWG. NO.
17M-01932-00-C21

Winnipeg

THE CITY OF WINNIPEG

PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES DIVISION

2018 INDUSTRIAL STREETS RENEWAL PROGRAM

WAVERLEY ST - CHEVRIER BLVD TO McGILLIVRAY BLVD

CONCRETE RECONSTRUCTION
STA. 6+65 TO STA. 8+10

CITY DRAWING NUMBER --
SHEET 21 OF 23
BID NO. 10-2018