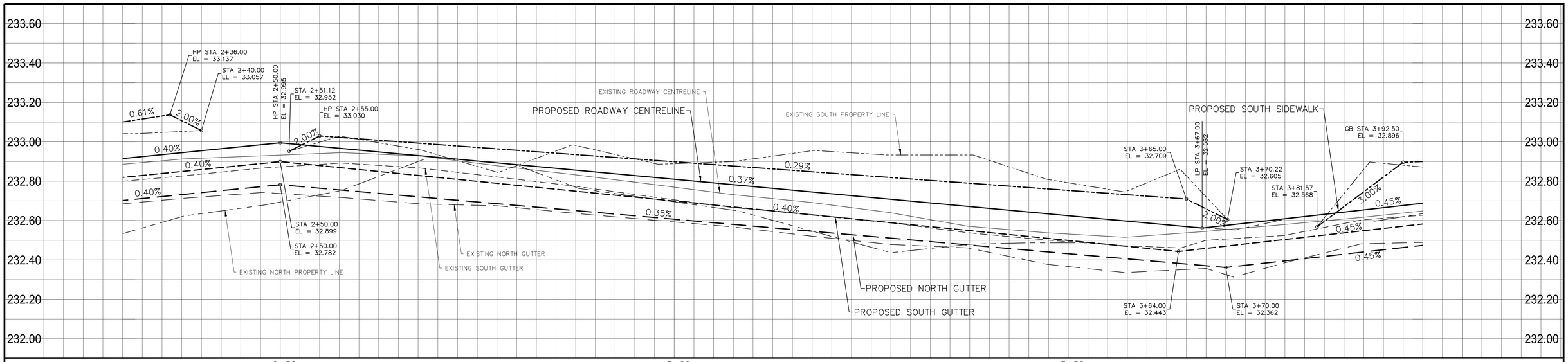

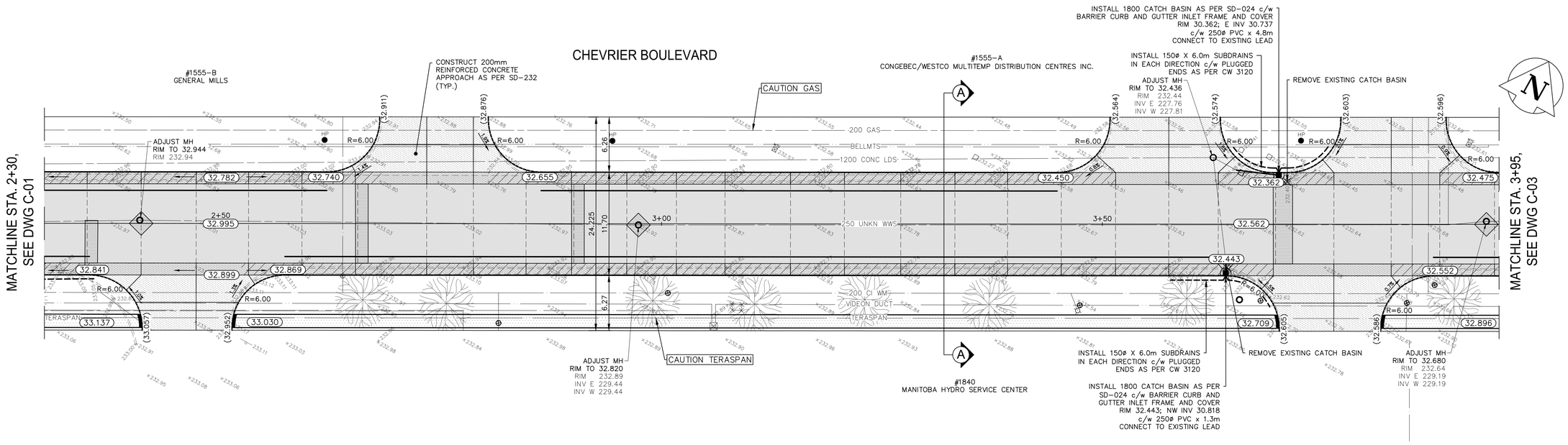

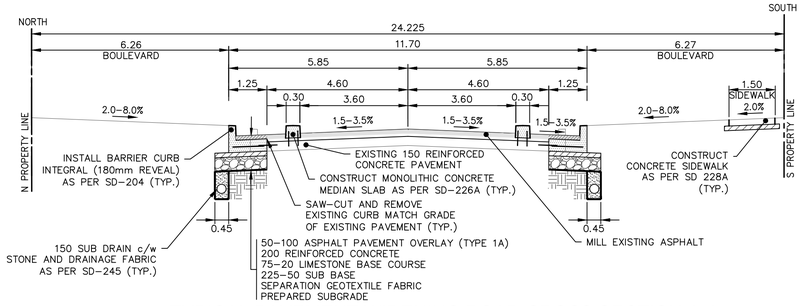

TYPICAL PAVEMENT WIDENING ROAD CROSS SECTION A-A

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.

	WATER MAIN			HYDRO POLE & LIGHT STANDARD					
	LAND DRAINAGE SEWER			LIGHT STANDARD OR TRAFFIC SIGNAL					
	WASTE WATER SEWER			CURB RAMP				PARKING LANE	
	HYDRO			DETECTABLE WARNING SURFACE TILE				NORTH BIKE LANE	
	M.T.S.			EDGE OF SIDEWALK				SOUTH BIKE LANE	
	GAS			PROPERTY LINE				CONCRETE SLAB	NORTH PROPERTY LINE
	SIGNALS			EDGE OF ASPHALT				PAVEMENT WIDENING	SOUTH PROPERTY LINE
○	MANHOLE	●		EDGE OF CONCRETE				ASPHALT	NORTH SIDEWALK
□	CATCH BASIN	■		MODIFIED BARRIER CURB				MILLED SURFACE	SOUTH SIDEWALK
△	CURB INLET	▼		BARRIER CURB				ASPHALT JOINT REPAIR	ROADWAY CENTRELINE
	UTILITIES ADJUSTED	△ □ ○		BARRIER CURB AND GUTTER				PAVING STONES	NORTH GUTTER
◇	HYDRANT	◆		CONC SIDEWALK				BULLNOSE	SOUTH GUTTER
⊗	VALVE	⊗		CONCRETE SLAB					
230.99	GROUND GRADE			PAVEMENT WIDENING					
(32.000)	PAVEMENT GRADE	32.000		ASPHALT					
⟶	ANCHOR			MILLED SURFACE					
#111	CIVIC ADDRESS			ASPHALT JOINT REPAIR					
HP	HYDRO POLE			PAVING STONES					
	FENCE			BULLNOSE					
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE		PROPOSED

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

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

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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-C02

Winnipeg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES DIVISION

2018 INDUSTRIAL STREETS RENEWAL PROGRAM
CHEVRIER BLVD - WAVERLEY ST TO PEMBINA HWY
PAVEMENT REHABILITATION
STA. 2+30 TO STA. 3+95

CITY DRAWING NUMBER: --
SHEET: 2 OF 23
BID NO. 10-2018