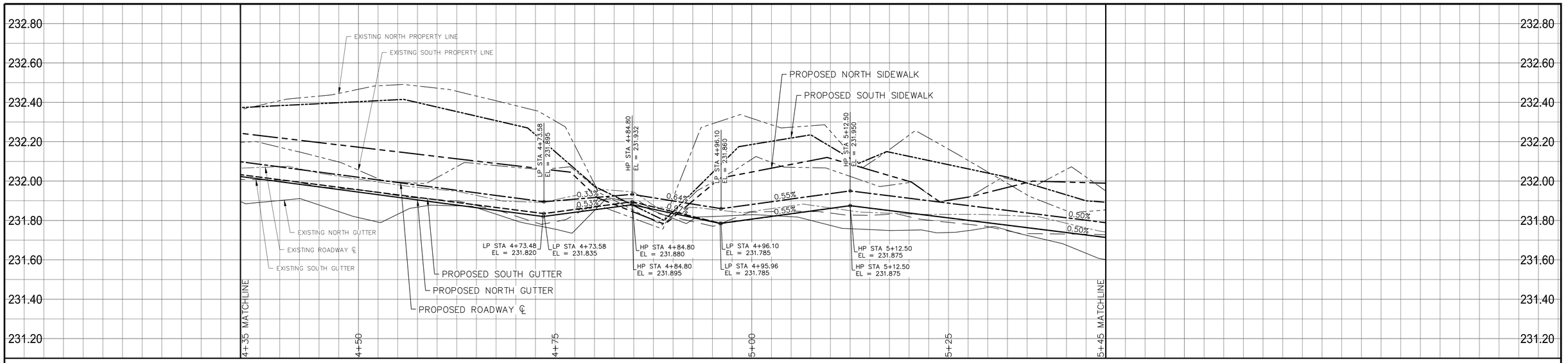
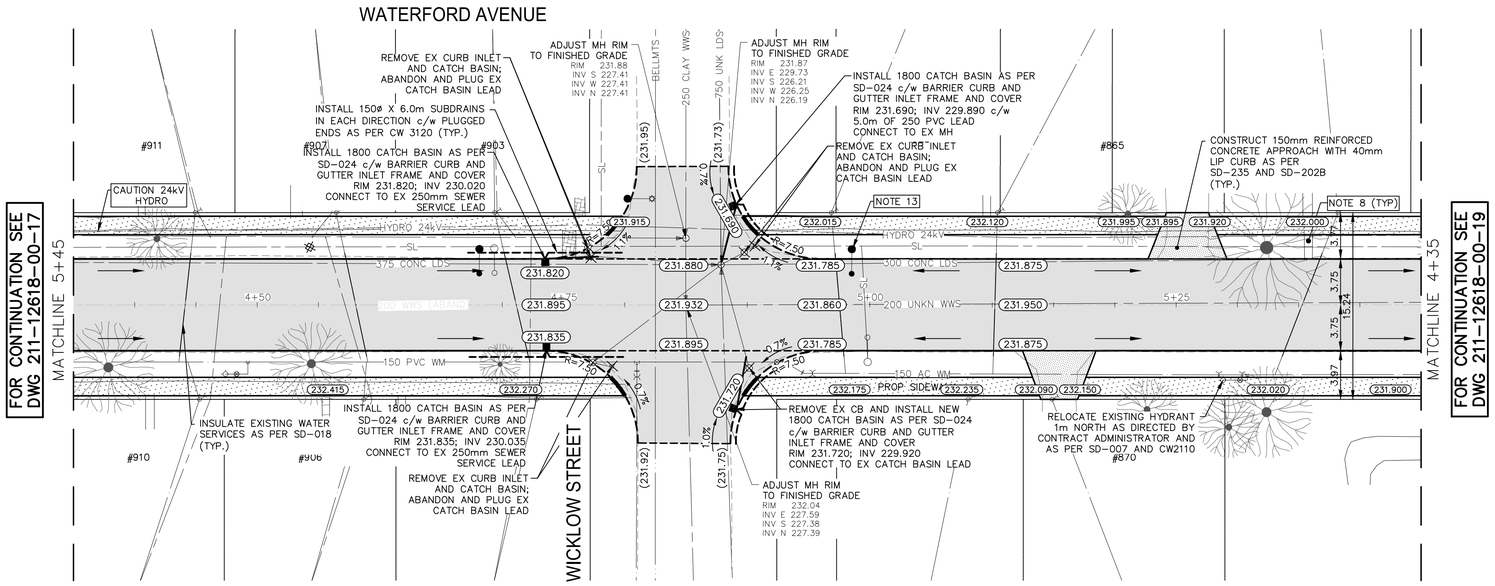
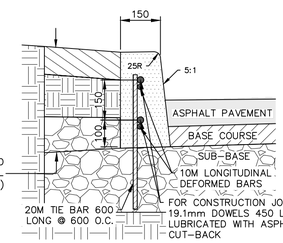


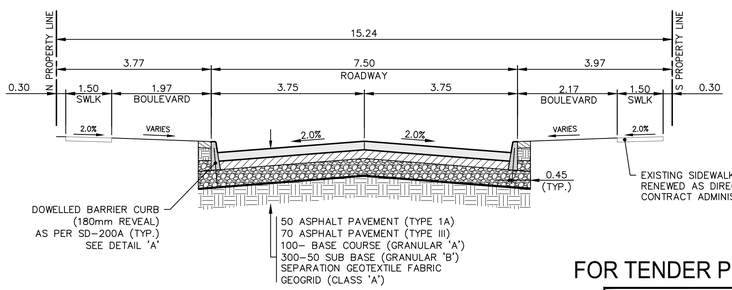


NOTES:
1. ALL WORK AND MATERIALS TO BE IN ACCORDANCE WITH THE LATEST REVISION OF THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
2. CONTRACTOR TO CONFIRM THE LOCATION OF ALL UTILITIES/SERVICES IN THE FIELD PRIOR TO CONSTRUCTION.
3. ALL ROADWAY DIMENSIONS SHOWN ARE TO BACK OF CURB.
4. EXISTING ASPHALT TO BE PLANED AS SHOWN OR AS DIRECTED BY CONTRACT ADMINISTRATOR
5. EXISTING CURB AND SIDEWALK TO BE RENEWED AS DIRECTED BY CONTRACT ADMINISTRATOR.
6. MODIFIED BARRIER CURB TO BE CONSTRUCTED AT ALL INTERSECTION RADII AND ALLEY RADII.
7. INSTALL 40mm LIP CURB THROUGH ALL RESIDENTIAL APPROACHES.
8. ALL PRIVATE WALKWAYS TO BE ADJUSTED TO NEW SIDEWALK OR TOP OF CURB ELEVATION, AS DIRECTED BY THE CONTRACT ADMINISTRATOR.
9. CONTRACTORS TO TAKE PRECAUTIONARY STEPS TO PROTECT EXISTING TREES WITHIN THE LIMITS OF CONSTRUCTION FROM DAMAGE FROM CONSTRUCTION ACTIVITIES AS OUTLINED IN THE SPECIFICATIONS.
10. 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.
11. ALL BOULEVARDS TO BE SODDED UNLESS OTHERWISE NOTED.
12. ADJUST ALL WATER VALVES, HYDRANTS, MANHOLES, AND CATCH BASINS IN WORK AREA TO GRADE.
13. RENEW STREET LIGHTING AS PER E24 AND 2021_Drawing_04707-DE-50000-R25R41

EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED
	WATER MAIN			IRON BAR				
	LAND DRAINAGE SEWER			HYDRO POLE & LIGHT STANDARD				
	WASTE WATER SEWER			LIGHT STANDARD OR TRAFFIC SIGNAL				
	HYDRO		HP	HYDRO POLE				
	BELL/MTS			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				
ℸ	PLUG	ℸ		MODIFIED BARRIER CURB				
	HYDRANT			BARRIER CURB				
⊗	VALVE	⊗		BARRIER CURB AND GUTTER				
	CURB STOP			CONC SIDEWALK			NORTH OR WEST SIDEWALK	
230.99	GROUND GRADE			CONCRETE SLAB			SOUTH OR EAST SIDEWALK	
(231.00)	PAVEMENT GRADE	(231.000)		ASPHALT			ROADWAY CENTRELINE	
	ANCHOR			MILLED SURFACE			NORTH OR WEST GUTTER	
#111	CIVIC ADDRESS			PAVEMENT REPAIR FABRIC			SOUTH OR EAST GUTTER	



DETAIL 'A' - DOWELLED BARRIER CURB (SD-200A)
NTS



TYPICAL SECTION

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

FOR TENDER PURPOSES ONLY

NOT FOR CONSTRUCTION

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
WSP Canada Inc.
No. 5750

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. TOH @ SE CORNER WATERFORD AVENUE AND PEMBINA HIGHWAY
ELEV. 233.581

NO.	REVISIONS	DATE	BY
H			
G			
F			
E			
D			
C			
B	ISSUED FOR TENDER	2022/03/09	RB
A	DETAILED DESIGN REVIEW	2022/03/01	RB

WSP Canada Inc.
1600 Buffalo Place
Winnipeg, MB R3T 6B8
t. 204.477.6650
f. 204.474.2864
www.wsp.com

DESIGNED BY	RH/EL	CHECKED BY	LV
DRAWN BY	RB/AG	APPROVED BY	SM
HOR. SCALE	1:250	RELEASED FOR CONSTRUCTION	
VERTICAL	1:10		
DATE	MAY 2022	DATE	

ENGINEER'S SEAL
PROVINCE OF MANITOBA
V.M. MAROT
Member 30809
REGISTERED PROFESSIONAL ENGINEER
2022-03-10
CONSULTANT ACAD DWG. NO.
211-12618-00-18

Winnipeg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES DIVISION

2022 LOCAL STREET RENEWALS

WATERFORD AVENUE

ASPHALT RECONSTRUCTION
STA. 5+45 TO STA. 4+35

CITY DRAWING NUMBER

SHEET 18 OF 21

TENDER NO.
884-2021

Mar 10, 2022 - 11:00am
P:\2021\211-12618-00 - 2022 Street Program Package 22-R-03\14.0 Tech + Prof Services\14.11 Highways_Bridges\14.11.06 Drawings\03 Working Dwg\211-12618-00_Waterford Ave_Plan&Profile.dwg -tab:18 884-2021_Drawing_211-12618-00-18-RB