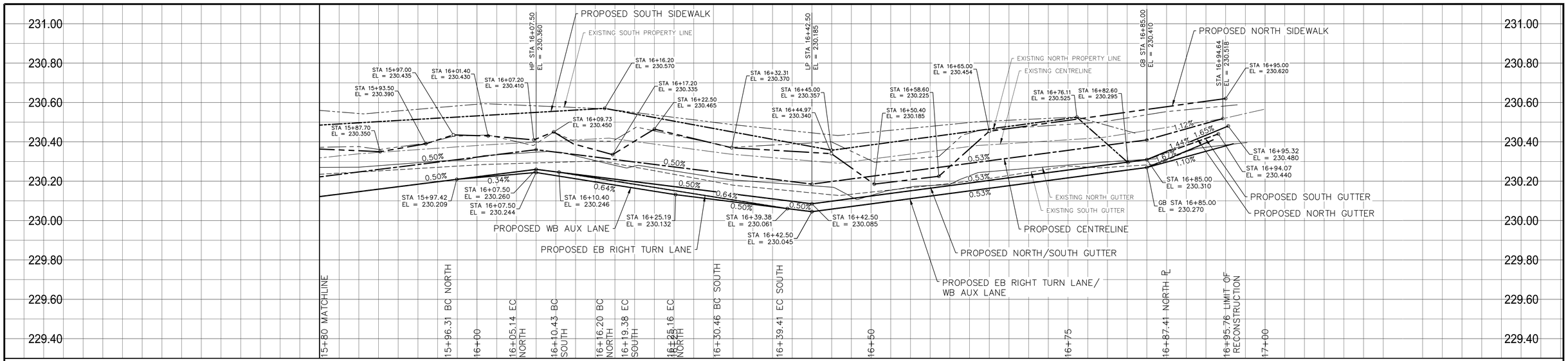
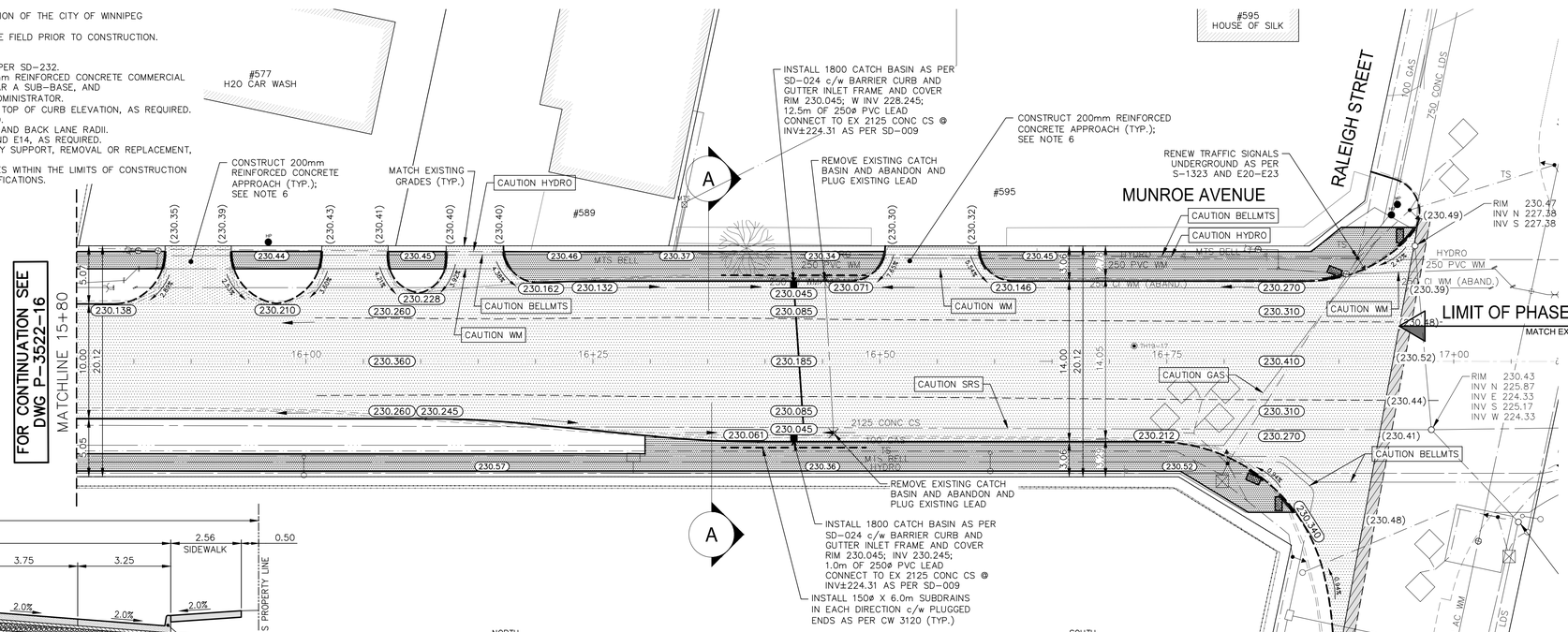
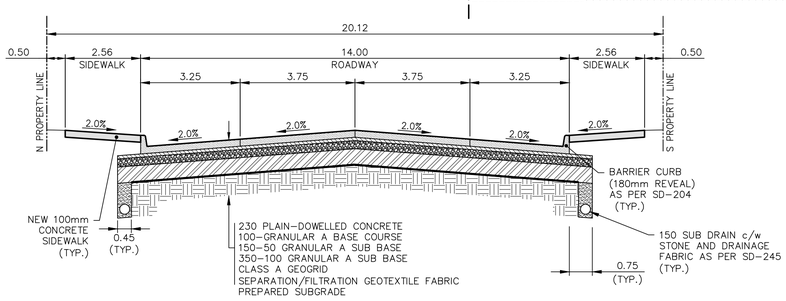


NOTES:

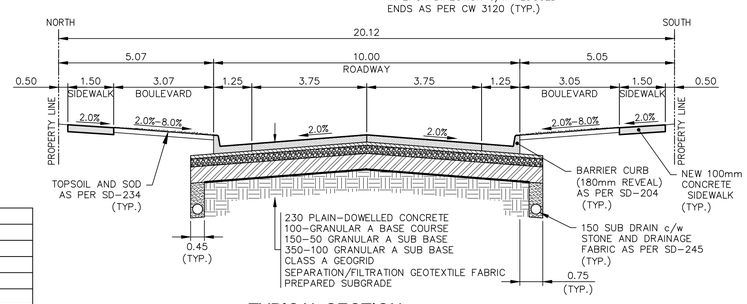
1. ALL WORK AND MATERIALS TO BE IN ACCORDANCE WITH THE LATEST REVISION OF THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
2. CONTRACTOR TO CONFIRM THE LOCATION OF ALL UTILITIES/SERVICES IN THE FIELD PRIOR TO CONSTRUCTION.
3. ALL ROADWAY DIMENSIONS SHOWN ARE TO BACK OF CURB.
4. RENEW CURB AND SIDEWALK AS IDENTIFIED BY CONTRACT ADMINISTRATOR.
5. CONSTRUCT 150mm REINFORCED CONCRETE RESIDENTIAL APPROACHES AS PER SD-232.
6. CONSTRUCT 150mm REINFORCED CONCRETE ALLEY APPROACHES AND 200mm REINFORCED CONCRETE COMMERCIAL APPROACHES WITH 75mm OF GRANULAR A BASE, 300mm-50mm GRANULAR A SUB-BASE, AND SEPARATION/FILTRATION GEOTEXTILE FABRIC AS DIRECTED BY CONTRACT ADMINISTRATOR.
7. ALL PRIVATE WALKWAYS TO BE ADJUSTED/RENEWED TO NEW SIDEWALK OR TOP OF CURB ELEVATION, AS REQUIRED.
8. ADJUST MH FRAMES, CB RIMS, AND VALVES TO NEW GRADES, AS REQUIRED.
9. MODIFIED BARRIER CURB TO BE CONSTRUCTED AT ALL INTERSECTION RADII AND BACK LANE RADII.
10. ALL EXISTING LONG WATER SERVICES TO BE INSULATED AS PER SD-018 AND E14, AS REQUIRED.
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. CONTRACTORS TO TAKE PRECAUTIONARY STEPS TO PROTECT EXISTING TREES WITHIN THE LIMITS OF CONSTRUCTION FROM DAMAGE FROM CONSTRUCTION ACTIVITIES AS OUTLINED IN THE SPECIFICATIONS.
13. ALL BOULEVARDS TO BE SODDED UNLESS OTHERWISE NOTED.





CROSS SECTION A-A

NTS



TYPICAL SECTION

NTS

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			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				
]	PLUG	]		MODIFIED BARRIER CURB				
◇	HYDRANT	◆		BARRIER CURB			NORTH PROPERTY LINE	
⊗	VALVE	⊗		BARRIER CURB AND GUTTER			SOUTH PROPERTY LINE	
	CURB STOP			CONC SIDEWALK			NORTH SIDEWALK	
230.99	GROUND GRADE			CONCRETE SLAB			SOUTH SIDEWALK	
(231.00)	PAVEMENT GRADE	(231.000)		ASPHALT			ROADWAY CENTRELINE	
	ANCHOR			MILLED SURFACE			NORTH GUTTER	
#111	CIVIC ADDRESS			ASPHALT JOINT REPAIR			SOUTH 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. IRON BAR IN NORTHEAST CORNER OF MUNROE AVE AND WATT ST INTERSECTION
ELEV. 230.270

NO.	REVISIONS	DATE	BY
H	-	-	-
G	-	-	-
F	-	-	-
E	-	-	-
D	ISSUED FOR TENDER	2021/02/08	KG
C	UGS & UTILITIES REVIEW	2021/01/26	KG
B	DETAILED DESIGN REVIEW	2021/01/07	KG
A	PRELIMINARY DESIGN REVIEW	2019/12/20	JM

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

DESIGNED BY	VM	CHECKED BY	KG
DRAWN BY	SB/RB	APPROVED BY	VM
HOR. SCALE	1:250	RELEASED FOR CONSTRUCTION	--
VERTICAL	1:10		
DATE	2019/09/18	DATE	--

ENGINEER'S SEAL

CONSULTANT ACAD DWG. NO.
19M-00985-00-117

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES DIVISION

2021/2022 MUNROE AVENUE PAVEMENT RENEWAL
PHASE II - MUNROE AVENUE
CONCRETE RECONSTRUCTION
STA. 15+80 TO STA. 16+95.76

CITY DRAWING NUMBER
P-3522-17
SHEET 17 OF 18
TENDER NO.
917-2020

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

Feb 06, 2021 – 2:08pm
P:\2019\19M-00985-00 – 2019-2023 Munroe Area Pavement Renewals\10 Drawings\03 Working Drawings\19M-00985-00 Munroe Ave Plan&Profile.dwg –tab:917-2020_Drawing_P-3522-17-RD