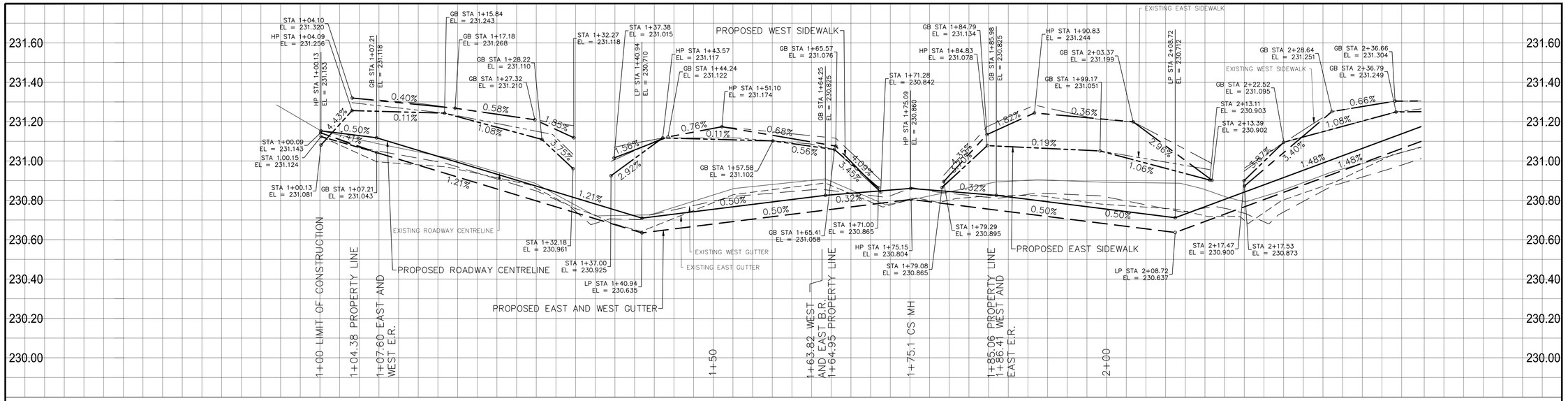

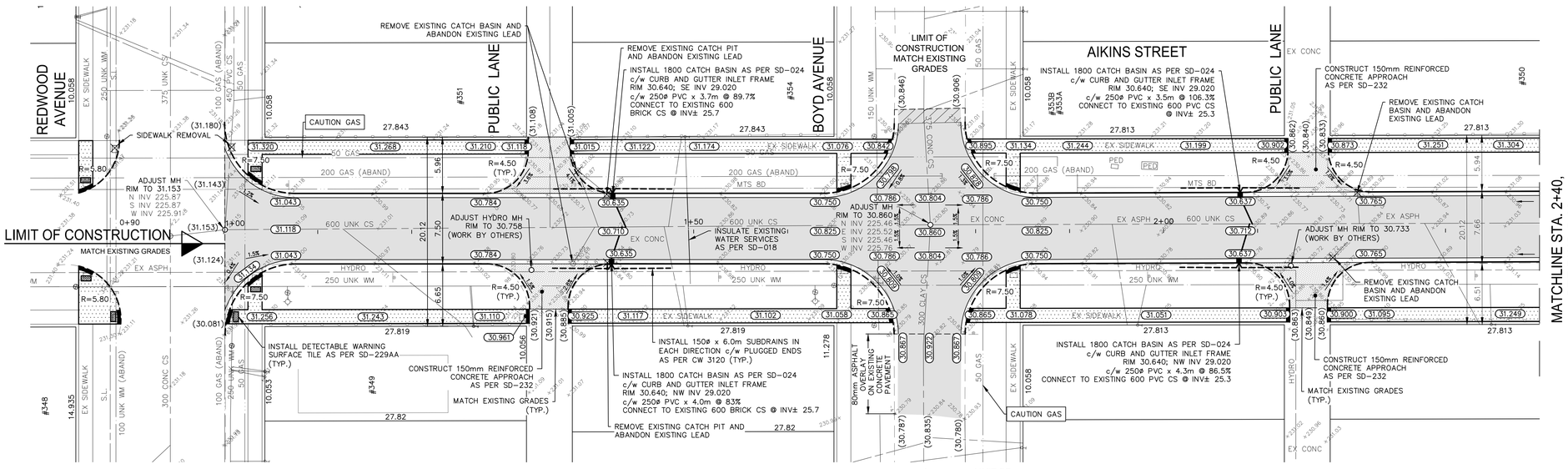

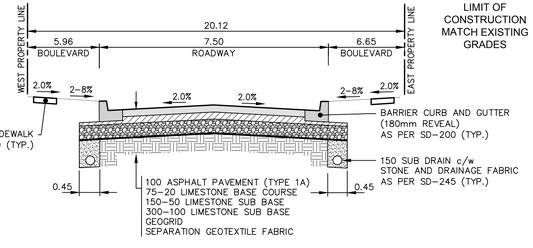

TYPICAL CROSS-SECTION

NTS

LIMIT OF CONSTRUCTION MATCH EXISTING GRADES

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			HYDRO POLE				
	HYDRO			CURB RAMP				
	M.T.S.			DETECTABLE WARNING SURFACE TILE				
	GAS			EDGE OF SIDEWALK				
	SIGNALS			FENCE				
○	MANHOLE	●		PROPERTY LINE				
□	CATCH BASIN	■		EDGE OF ASPHALT				
△	CURB INLET	▼		EDGE OF CONCRETE				
	UTILITIES ADJUSTED	△ □ ○		MODIFIED BARRIER CURB				
ℸ	PLUG	ℸ		BARRIER CURB				
◇	HYDRANT	◆		BARRIER CURB AND GUTTER				
⊗	VALVE	⊗		MODIFIED BARRIER CURB AND GUTTER				
	CURB STOP			CONCRETE SIDEWALK				
230.99	GROUND GRADE			CONCRETE REPAIR			LEFT SIDEWALK	
(31.00)	PAVEMENT GRADE	31.00		ASPHALT OVERLAY			RIGHT SIDEWALK	
⟶	ANCHOR			ASPHALT PARTIAL DEPTH			ROADWAY CENTRELINE	
#111	CIVIC ADDRESS			GLASS GRID			LEFT GUTTER	
⊕	IRON BAR			ASPHALT MILLING			RIGHT GUTTER	
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED

LOCATIONS APPROVED UNDERGROUND STRUCTURES

SIGNED BY: _____ DATE _____
SUPV U/G STRUCTURES

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. -
ELEV. 232.068
BENCHMARK LOCATION
TOP OF TOP NUT ON HYDRANT AT SOUTH EAST CORNER OF INTERSECTION OF AIKINS STREET AND MOUNTAIN AVENUE.

NO.	REVISIONS	DATE	BY
H			
G			
F			
E			
D			
C	ISSUED FOR TENDER	17-MAY-17	JP
B	ISSUED FOR UNDERGROUND STRUCTURES REVIEW	27-APR-17	JP
A	ISSUED FOR CLIENT REVIEW	13-APR-17	JP

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. ALL PRIVATE WALKWAYS TO BE ADJUSTED TO NEW SIDEWALK OR TOP OF CURB ELEVATION, AS REQUIRED.
7. ADJUST MH FRAMES, CB RIMS, AND VALVES TO NEW GRADES, AS REQUIRED.
8. MODIFIED BARRIER CURB TO BE CONSTRUCTED AT ALL INTERSECTION RADII AND BACK LANE RADII.
9. PLACE NEW ASPHALTIC PAVEMENT OVERLAY (TYPE 1A, 80mm AVERAGE THICKNESS, TWO LIFTS)
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. CONTRACTORS TO TAKE PRECAUTIONARY STEPS TO PROTECT EXISTING TREES WITHIN THE LIMITS OF CONSTRUCTION FROM DAMAGE FROM CONSTRUCTION ACTIVITIES AS OUTLINED IN THE SPECIFICATIONS.
12. ALL BOULEVARDS TO BE SODDED UNLESS OTHERWISE NOTED.
13. CURB 180mm REVEAL, UNLESS OTHERWISE NOTED.
14. SIDEWALKS TO BE RENEWED WITH CONCRETE AS NOTED BY CONTRACT ADMINISTRATOR.
15. PAVEMENT REPAIRS SHOWN ARE ONLY A REPRESENTATIVE APPROXIMATION OF THE TENDERED QUANTITIES.

PRELIMINARY

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

APEGM
Certificate of Authorization
MMM Group Limited
No. 4531

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	MCW	CHECKED BY	JP/TR
DRAWN BY	VA/SB	APPROVED BY	VM
HOR. SCALE	1:250	RELEASED FOR CONSTRUCTION	
VERTICAL	1:10		
DATE	09 FEB 2017	DATE	

ENGINEER'S SEAL
PROVINCE OF MANITOBA
M.C.Y. WONG
Member
32500
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT ACAD DWG. NO.
17M-00410-00-C-08

Winnipeg
THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

2017 LOCAL STREET RENEWAL PROGRAM

AIKINS STREET
REDWOOD AVENUE TO MOUNTAIN AVENUE

PAVEMENT RECONSTRUCTION
STA. 1+00 TO STA. 2+40

CITY DRAWING NUMBER

SHEET 8 OF 12

BID NO.
364-2017

May 15, 2017 - 11:46am
P:\2017\17M-00410-00 - 2017 Local Streets Renewals 17-R-06\MMM Drawings\Construction\Contract #1\17M-00410-00-C-09_C-10 Aikins Street_Redwood_Mountain_Plan and Profile 2017.05.15.dwg - tab: C-08