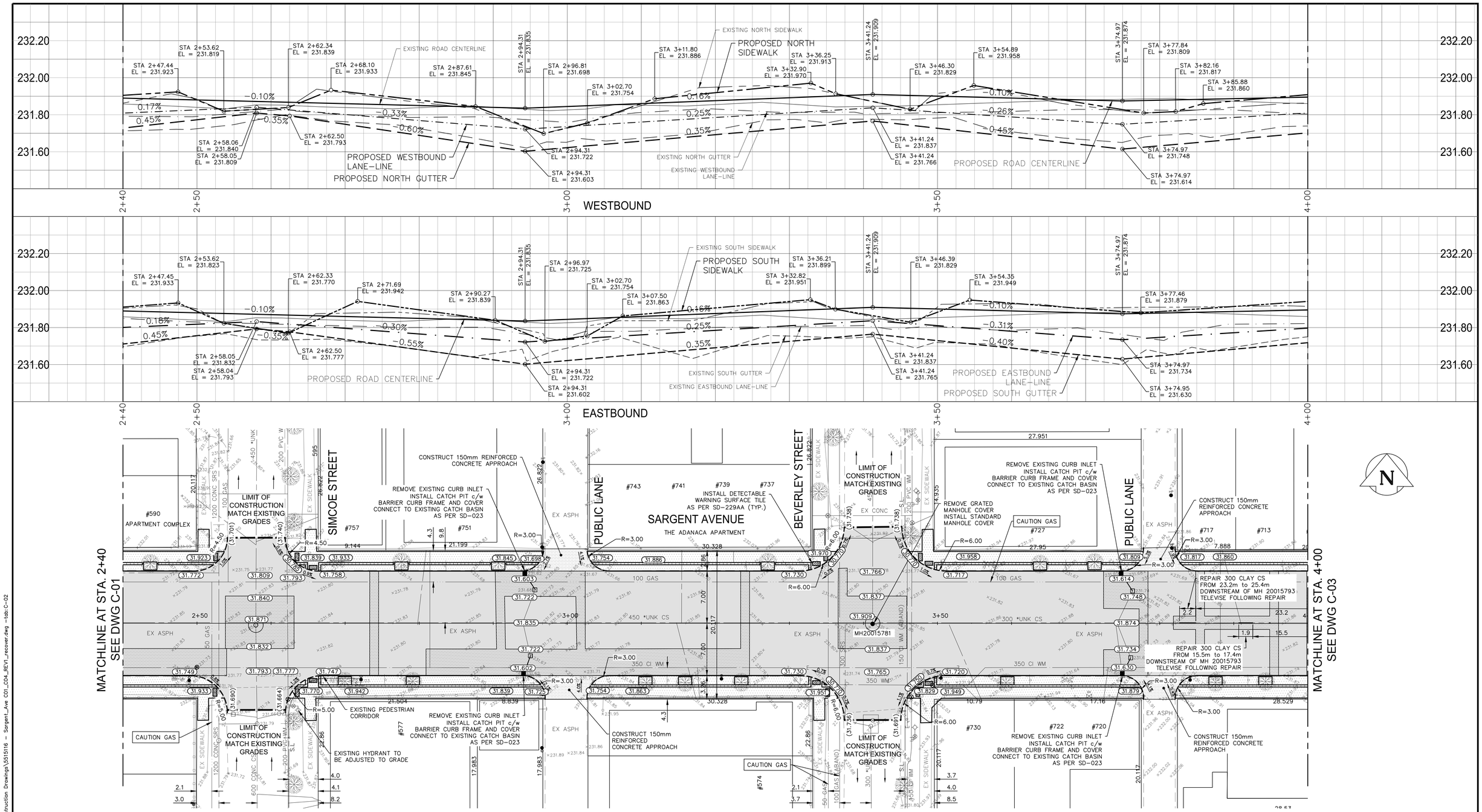

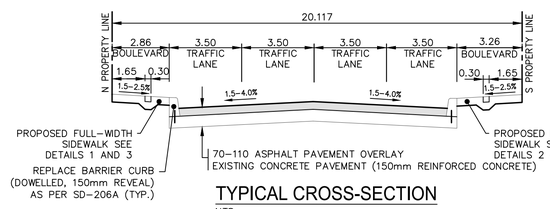

TYPICAL CROSS-SECTION

NTS

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		#111	CIVIC ADDRESS				
	LAND DRAINAGE SEWER			IRON BAR				
	WASTE WATER SEWER			HYDRO POLE & LIGHT STANDARD				
	HYDRO			LIGHT STANDARD				
	M.T.S.			HYDRO POLE				
	GAS			CURB RAMP				
	SIGNALS			DETECTABLE WARNING SURFACE TILE				
	MANHOLE			EDGE OF SIDEWALK				
	CATCH BASIN			PROPERTY LINE				
	CURB INLET			EDGE OF ASPHALT				
	UTILITIES ADJUSTED			MODIFIED BARRIER CURB				
	PLUG			BARRIER CURB				
	HYDRANT			EDGE OF CONCRETE			ROADWAY CENTERLINE	
	VALVE			SIDEWALK			NORTH GUTTER	
	CURB STOP			CONCRETE REPAIR SLAB			SOUTH GUTTER	
230.99	GROUND GRADE			ASPHALT MILLING & PAVING			WESTBOUND LANE-LINE	
(31.00)	PAVEMENT GRADE	31.00		GLASS GRID			EASTBOUND LANE-LINE	
	LOT GRADE	31.00					NORTH SIDEWALK	
	ANCHOR						SOUTH SIDEWALK	
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. ELEV. 232.993

BENCHMARK LOCATION
LOCATED ON "O" IN OPEN ON HYDRANT AT SOUTHEAST CORNER OF SARGENT AVENUE AND ARLINGTON STREET

NO.	REVISIONS	DATE	BY
C	ISSUED FOR TENDER	12.04.16	JP
B	ISSUED TO U/G STRUCTURES FOR REVIEW	11.04.16	JP
A	ISSUED FOR CITY of WINNIPEG REVIEW	01.04.16	VM

MMM GROUP

MMM Group Limited
Suite 111 - 93 Lombard Ave
Winnipeg, MB R3B 3B1
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f. 204.943.4948
www.mmmgrouplimited.com

DESIGNED BY	JP	CHECKED BY	TP
DRAWN BY	LT/SB	APPROVED BY	VM
HOR. SCALE	1:250	RELEASED FOR CONSTRUCTION	
VERTICAL	1:10		
DATE	12.04.2016	DATE	

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

CONSULTANT ACAD DWG. NO. 5515116-C-02

NOTES:

1. ADJUST MH, CB RIMS, AND VALVES TO NEW GRADES.
2. CONTRACTORS TO TAKE PRECAUTIONARY STEPS TO PROTECT EXISTING TREES WITHIN THE LIMITS OF CONSTRUCTION FROM DAMAGE FROM CONSTRUCTION ACTIVITIES AS OUTLINED IN THE SPECIFICATIONS.
3. MODIFIED BARRIER CURB TO BE USED AT ALL INTERSECTION RADII, BACK LANE RADII, AND BULL NOSES.
4. CONTRACTOR TO CONFIRM THE LOCATION OF ALL UTILITIES/SERVICES IN THE FIELD PRIOR TO CONSTRUCTION.
5. ADD 200.00M TO ABBREVIATED ELEVATIONS TO OBTAIN GEODETIC ELEVATIONS.
6. CB OFFSETS ARE DIMENSIONED TO BACK OF CURB.
7. PAVEMENT REPAIRS SHOWN ARE ONLY A REPRESENTATIVE APPROXIMATION OF THE TENDERED QUANTITIES.
8. LAMP STANDARDS, HYDRO POLES, AND ANCHORS THAT REQUIRE TEMPORARY SUPPORT, REMOVAL OR REPLACEMENT, TO BE DONE SO AT THE EXPENSIVE OF THE CONTRACTOR AS NECESSARY.
9. ALL WORK AND MATERIALS TO BE IN ACCORDANCE WITH THE LATEST REVISION OF THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
10. ALL ROADWAY DIMENSIONS SHOWN ARE TO BACK OF CURB.

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

APEGM
Certificate of Authorization
MMM Group Limited
No. 4531

Winnipeg

THE CITY OF WINNIPEG

PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

2016 REGIONAL STREET RENEWAL PROGRAM

SARGENT AVENUE
VICTOR STREET TO ARLINGTON STREET
PAVEMENT REHABILITATION
STA. 2+40 TO STA. 4+00

CITY DRAWING NUMBER

SHEET 2 OF 6

BID NO. 262-2016

Apr 12, 2016 – 2:47pm
P:\5515100-5515199\5515116 – 2016 Regional Streets Package 16-C-01\MMM Drawings\Construction Drawings\5515116 – Sargent_Ave C01_C04_REV1_recover.dwg –tab:C-02