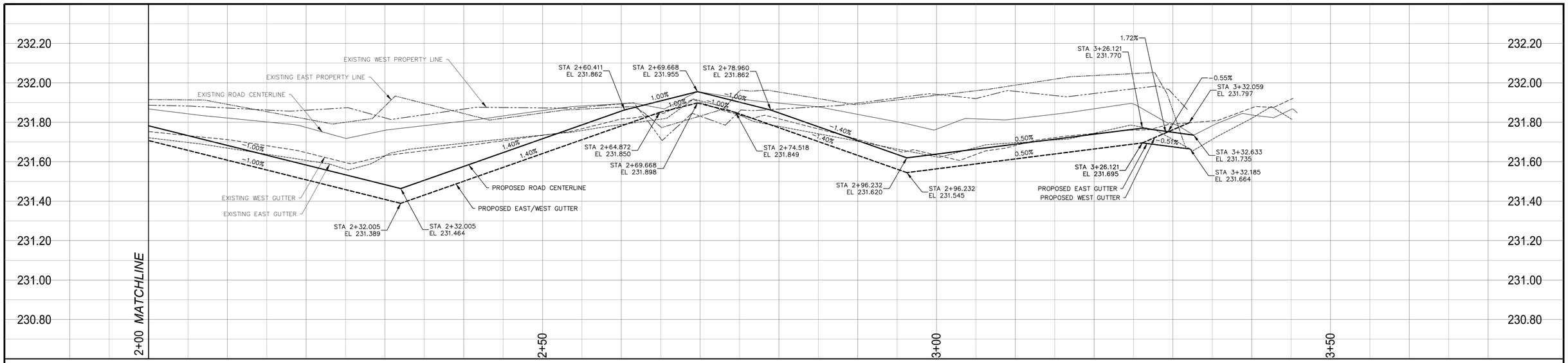

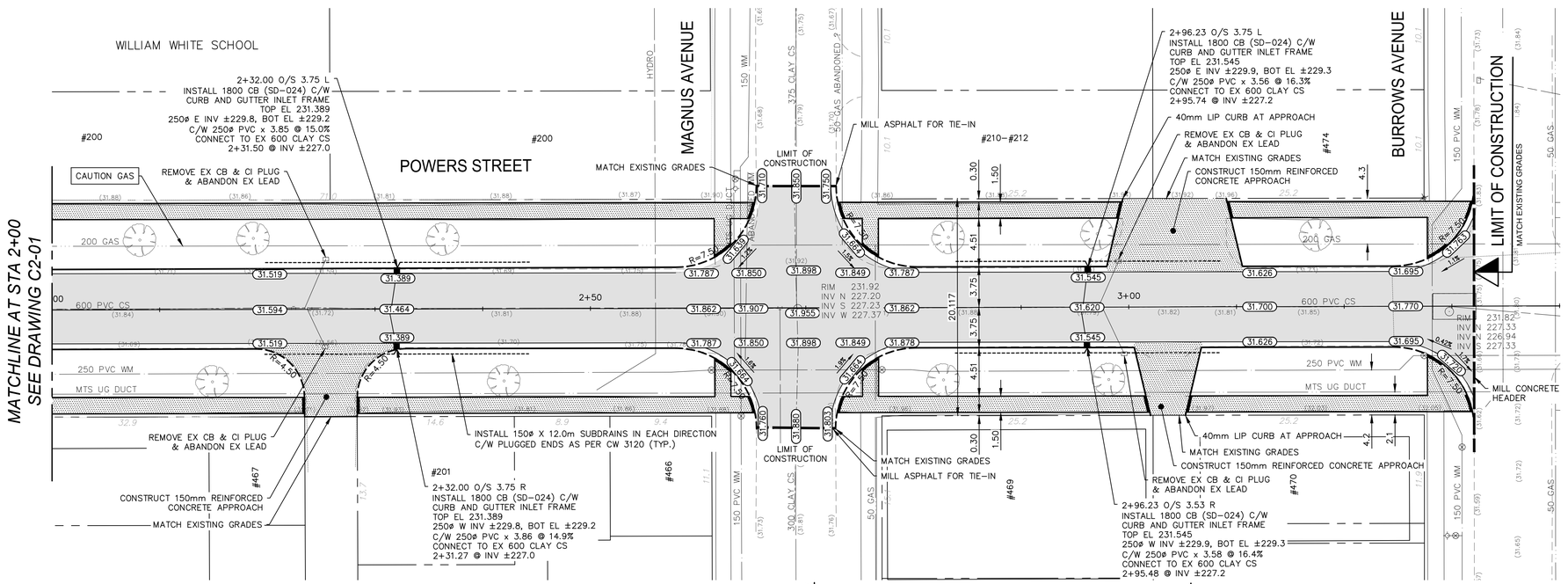

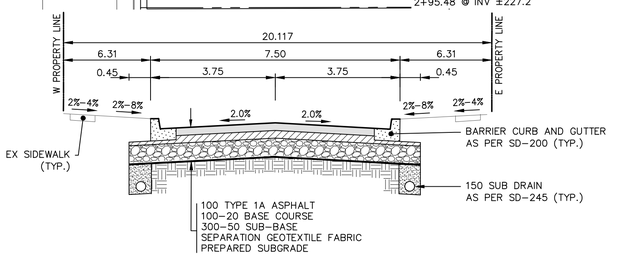

TYPICAL CROSS-SECTION
NTS

GENERAL NOTES:

A. ADJUST MH, CB RIMS, AND VALVES TO NEW GRADES.
B. CONTRACTORS TO TAKE PRECAUTIONARY STEPS TO PROTECT EXISTING TREES WITHIN THE LIMITS OF CONSTRUCTION FROM DAMAGE FROM CONSTRUCTION ACTIVITIES AS OUTLINED IN THE SPECIFICATIONS.
C. MODIFIED BARRIER CURB TO BE USED AT ALL INTERSECTION RADII, BACK LANE RADII, AND BULL NOSES.
D. CONTRACTOR TO CONFIRM THE LOCATION OF ALL UTILITIES/SERVICES IN THE FIELD PRIOR TO CONSTRUCTION.
E. ADD 200.00m TO ABBREVIATED ELEVATIONS TO OBTAIN GEODETIC ELEVATIONS.
F. CB OFFSETS ARE DIMENSIONED TO BOC.
G. PAVEMENT REPAIRS SHOWN ARE ONLY A REPRESENTATIVE APPROXIMATION OF THE TENDERED QUANTITIES.
H. SIDEWALKS TO BE RENEWED WITH CONCRETE AS NOTED BY CONTRACT ADMINISTRATOR.
I. 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.

WATER AND WASTE RENEWAL ANTICIPATED FOR JULY TO BE COMPLETED BY WATER AND WASTE DEPARTMENT

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.

○	MANHOLE	●		WATER MAIN			EDGE OF CONCRETE	
□	CATCH BASIN	■		LAND DRAINAGE SEWER			PROPERTY LINE	
△	CURB INLET	▼		WASTE WATER SEWER			GUTTER	
	UTILITIES ADJUSTED	△ □ ○		HYDRO			MODIFIED BARRIER CURB	
⌋	PLUG	⌋		M.T.S.			BARRIER CURB	
◇	HYDRANT	◆		GAS			CURB & GUTTER	
⊗	VALVE	⊗		SIGNALS			GLASS GRID	
⊕	IRON BAR			LIGHT STANDARD			CONCRETE	
230.99	GROUND GRADE			DETECTABLE WARNING TILE			ASPHALT	
(230.99)	PAVEMENT GRADE	31.00		CURB RAMP			ASPHALT OVERLAY	
	LOT GRADE	31.00		EDGE OF SIDEWALK			ASPHALT JOINT REPAIR	
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	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. 654535
ELEV. 231.334
35 (654535) – Burrows Ave. & Charles St. intersection in median, Tblt. in 7.6 m Conc. pile, 13.7 m N. of S.L. of Burrows Ave. & 5.2 m E. of W.L. of Charles St.

NO.	REVISIONS	DATE	BY
2	ISSUED FOR TENDER	04.03.15	VMM
1	ISSUED TO U/G STRUCTURES FOR REVIEW	03.02.15	BQD

MMM GROUP
MMM Group Limited.
Suite 111 - 93 Lombard Ave.
Winnipeg, MB R3B 3B1
t. 204.943.3178
f. 204.943.4948
www.mmm.ca

DESIGNED BY	MS	CHECKED BY	BQD
DRAWN BY	KB	APPROVED BY	VMM
HOR. SCALE	1:250	RELEASED FOR CONSTRUCTION	
VERTICAL	1:10		
DATE	05-Mar-15	DATE	

ENGINEER'S SEAL
ORIGINAL SEALED BY V.M. MAROTI P. ENG. 03/02/15

CONSULTANT ACAD DWG. NO.
5514132-C2-02

PRELIMINARY

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

2015 LOCAL STREETS RENEWAL PRG
POWERS STREET - PRITCHARD AVE TO BURROWS AVE
ASPHALT RECONSTRUCTION
STA 2+00 TO BURROWS AVENUE

CITY DRAWING NUMBER
SHEET 2 OF 14
BID NO. 152-2015

Mar 05, 2015 – 4:05pm
P:\5514\00-5514190\5514132 – 2015 Local Streets and Alley Renewal 15-R-06\MMM Drawings\Powers Street\5514132-Powers St.dwg – tab:STA 2+00 – STA 3+50