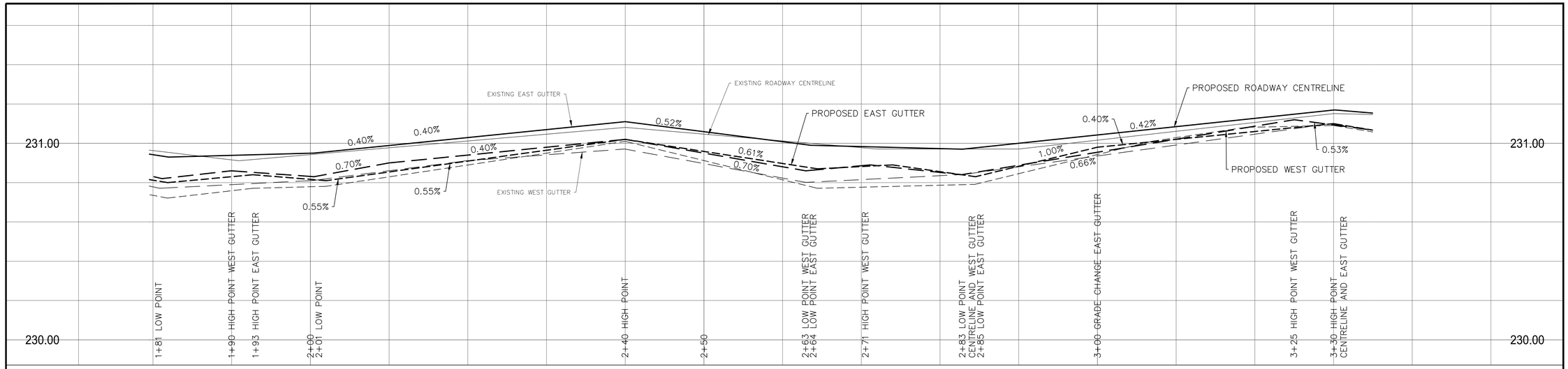

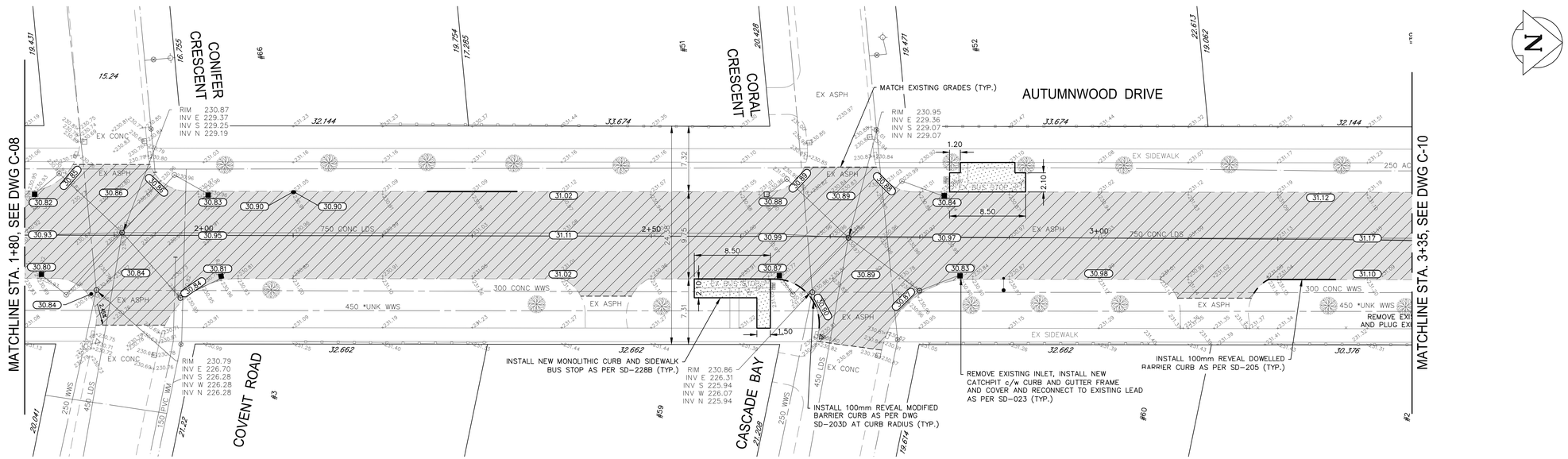

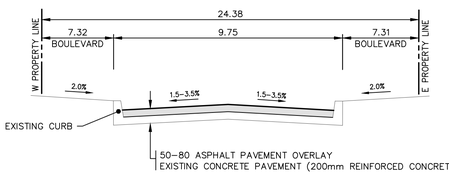

TYPICAL CROSS-SECTION

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.

			→	ANCHOR				
———	WATER MAIN	———	#111	CIVIC ADDRESS				
———	LAND DRAINAGE SEWER	———	⊕	IRON BAR				
———	WASTE WATER SEWER	———	●	HYDRO POLE & LIGHT STANDARD				
———	HYDRO		●—	LIGHT STANDARD				
———	M.T.S.		HP ●	HYDRO POLE				
———	GAS		▭	CURB RAMP	▬			
-·-·-	SIGNALS			EDGE OF SIDEWALK				
○	MANHOLE	●	———	PROPERTY LINE	— — —			
□	CATCH BASIN	■	- - - -	EDGE OF ASPHALT	- - - -			
△	CURB INLET	▼	———	MODIFIED BARRIER CURB	▬ ▬ ▬			
	UTILITIES ADJUSTED	△ □ ○		MODIFIED BARRIER CURB & GUTTER	▬ ▬ ▬			
⌋	PLUG	⌋	— — —	BARRIER CURB	▬▬▬			
◇	HYDRANT	◆	- - - -	BARRIER CURB & GUTTER	▬▬▬			
⊗	VALVE	⊗	———	EDGE OF CONCRETE	— — —	— — —	WEST–SIDE MEDIAN	▬ ▬ ▬
♂	CURB STOP	♂	·····	SIDEWALK	— — —	— — —	EAST–SIDE MEDIAN	▬ ▬ ▬
230.99	GROUND GRADE		▭	CONCRETE	———	———	ROADWAY CENTRE LINE	▬▬▬
	PAVEMENT GRADE	31.00	▭	ASPHALT	— — —	— — —	WEST GUTTER	▬ ▬ ▬
	LOT GRADE	31.00	▨	MILLED SURFACE	- - - -	- - - -	EAST GUTTER	▬ ▬ ▬
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. 231.881 — BENCHMARK LOCATION "O" IN OPEN OF HYDRANT N.W. CORNER OF AUTUMNWOOD DRIVE AND CRESTWOOD CRESCENT.

NO.	REVISIONS	DATE	BY
F			
E			
D			
C			
B	ISSUED FOR TENDER	16.03.15	SDG
A	ISSUED TO U/G STRUCTURES FOR REVIEW	19.02.15	SDG

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	RE	CHECKED BY	MS/SDG
DRAWN BY	CDM/HK	APPROVED BY	-
HOR. SCALE	1:250	RELEASED FOR CONSTRUCTION	
VERTICAL	1:10		
DATE	01-DEC-2014	DATE	

ENGINEER'S SEAL
PROVINCE OF MANITOBA
R.M. BORODY
Member 6179
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT ACAD DWG. NO.
5514117-C-09

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

NOTES:
1. ALL WORK AND MATERIALS TO BE IN ACCORDANCE WITH THE LATEST REVISION OF THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
2. ALL ROADWAY DIMENSIONS SHOWN ARE TO BACK OF CURB.
3. BOULEVARD RESTORATION TO BE SOD UNLESS OTHERWISE NOTED.
4. CURB 150mm REVEAL UNLESS OTHERWISE SHOWN.
5. ADD 200.00 TO ALL ELEVATIONS TO OBTAIN GEODETIC ELEVATIONS.
6. ADDITIONAL SIDEWALK AND CURB RENEWALS, JOINT AND SLAB REPAIRS WILL BE IDENTIFIED PRIOR TO COMMENCING WORK ON THE PROJECT.

APEGM
Certificate of Authorization
MMM Group Limited
No. 4531

Winnipeg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

2015 STREET RENEWAL PROGRAM

AUTUMNWOOD DRIVE - FERMOR AVENUE TO COTTONWOOD ROAD
PAVEMENT REHABILITATION
STA. 1+80 TO STA. 3+35

CITY DRAWING NUMBER

SHEET 9 OF 17

BID NO.
24-2015

2+10 GRADE CHANGE WEST GUTTER

Mar 12, 2015 – 11:29am
P:\5514100–5514199\5514117 – 2015 Local Streets and Alley Renewal Program 15–R–04\MMM Drawings\Construction Drawings\Rehabilitation\5514117_C09–C10 Autumnwood Drive Plan & Profile_20150312.dwg – tab:C09