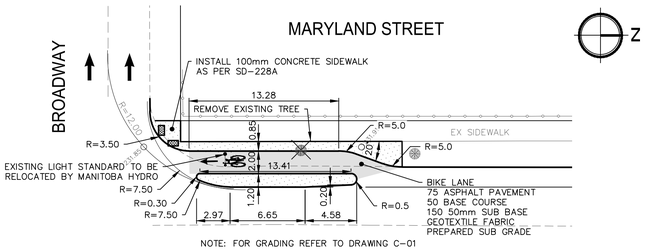
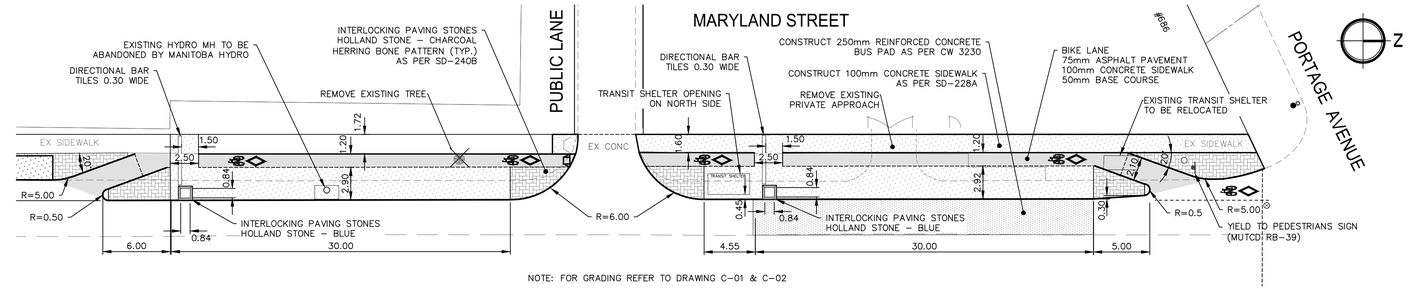
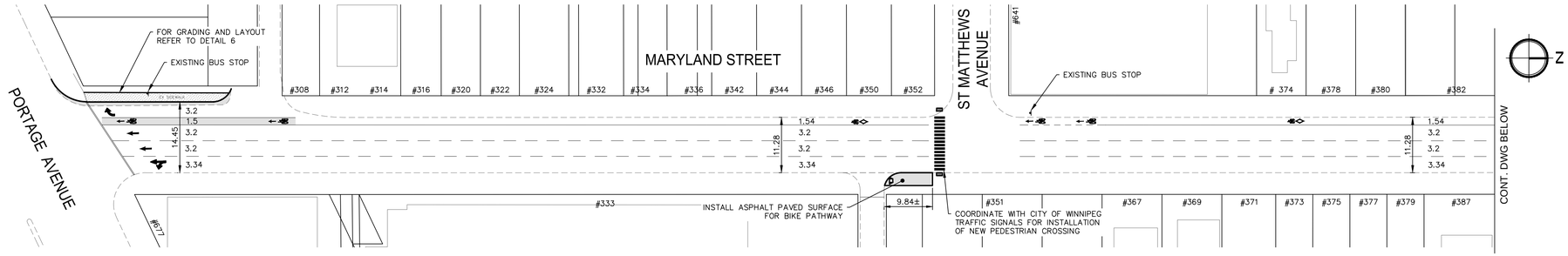
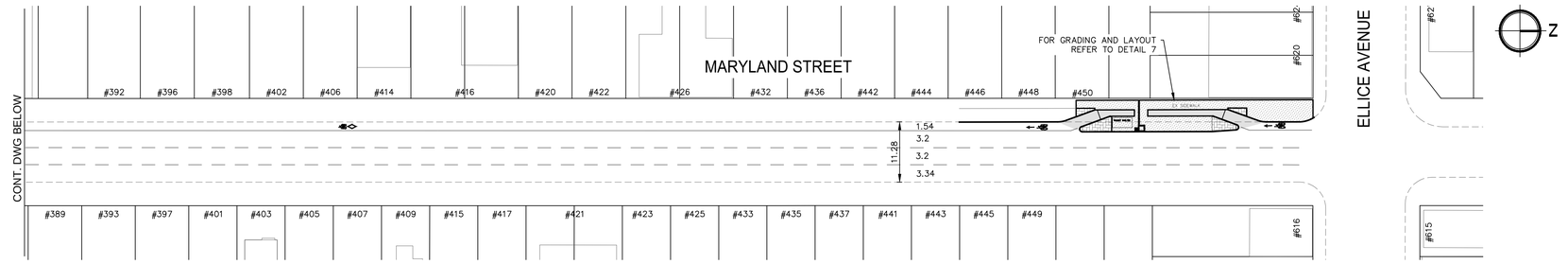


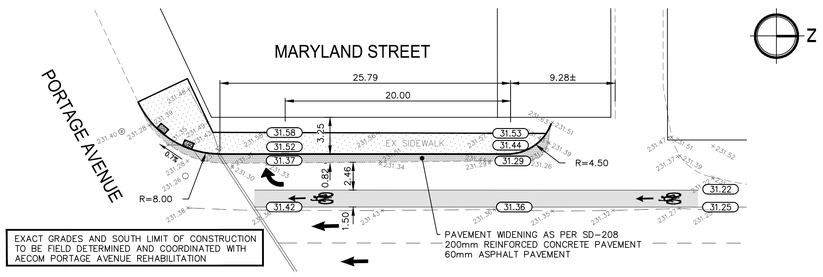
DETAIL 4
BIKE FACILITY NORTH OF BROADWAY
1:250



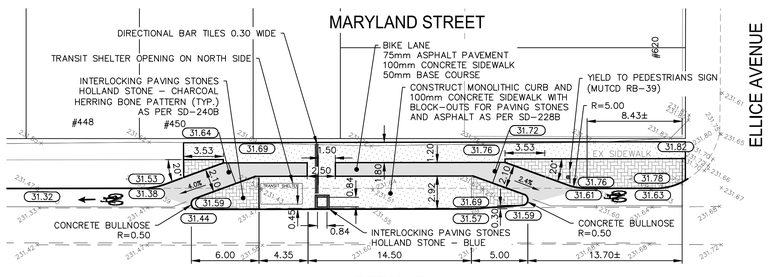
DETAIL 5
BUS STOP AND BIKE FACILITY SOUTH OF PORTAGE AVENUE
1:250







DETAIL 6
STREET WIDENING NORTH OF PORTAGE AVENUE
1:250



DETAIL 7
BIKE FACILITY SOUTH OF ELLICE AVENUE
1:250

EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED
	WATER MAIN		#111	ANCHOR				
	LAND DRAINAGE SEWER			CIVIC ADDRESS				
	WASTE WATER SEWER			IRON BAR				
	HYDRO			HYDRO POLE & LIGHT STANDARD				
	M.T.S.			LIGHT STANDARD				
	GAS		HP	HYDRO POLE				
	SIGNALS			TRAFFIC SIGNAL				
○	MANHOLE	●		DETECTABLE WARNING TILE				
□	CATCH BASIN	■		CURB RAMP				
△	CURB INLET	▼		EDGE OF SIDEWALK				
	UTILITIES ADJUSTED	△ □ ○		PROPERTY LINE				
	PLUG			FENCE				
	HYDRANT			EDGE OF ASPHALT			ROADWAY CENTRE LINE	
	VALVE			BARRIER CURB			WEST GUTTER	
	CURB STOP			EDGE OF CONCRETE			EAST GUTTER	
230.99	GROUND GRADE			SIDEWALK REPAIRS			WEST SIDEWALK	
	PAVEMENT GRADE	31.00		CONCRETE SLAB REPAIRS			EAST SIDEWALK	
	LOT GRADE	31.00		ASPHALT			WEST FRONT OF SIDEWALK	
				INTERLOCKING PAVING STONES			EAST FRONT OF SIDEWALK	

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.

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. -
MMM BENCHMARK LOCATION
"O" ON OPEN ON HYDRANT AT THE SOUTHEAST CORNER OF MARYLAND STREET AND PORTAGE AVENUE.

NO.	REVISIONS	DATE	BY
F			
E			
D			
C			
B	ISSUED FOR TENDER	21.03.16	SDG
A	ISSUED FOR U/G STRUCTURES FOR REVIEW	15.03.16	SDG

DATE 08-FEB-2016

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	SG	CHECKED BY	RMB
DRAWN BY	TR	APPROVED BY	-
HOR. SCALE	1:250	RELEASED FOR CONSTRUCTION	
VERTICAL	1:10	DATE	

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

CONSULTANT ACAD DWG. NO.
5515118-C-03

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 SERVICES DIVISION

2016 REGIONAL STREET RENEWAL PROGRAM
MARYLAND STREET - BROADWAY TO ELLICE AVENUE
BIKE LANES AND DETAILS

CITY DRAWING NUMBER
SHEET 3 OF 3
BID NO. 1143-2015

Mar 21, 2016 - 1:55pm
P:\Civil\2016\5515118\CAD\5118 – 2016 Regional Streets Package 16–C–03\MMM Drawings\Construction Drawings\5515118_C03 Maryland Bike Lanes_20160315.dwg -tab:1