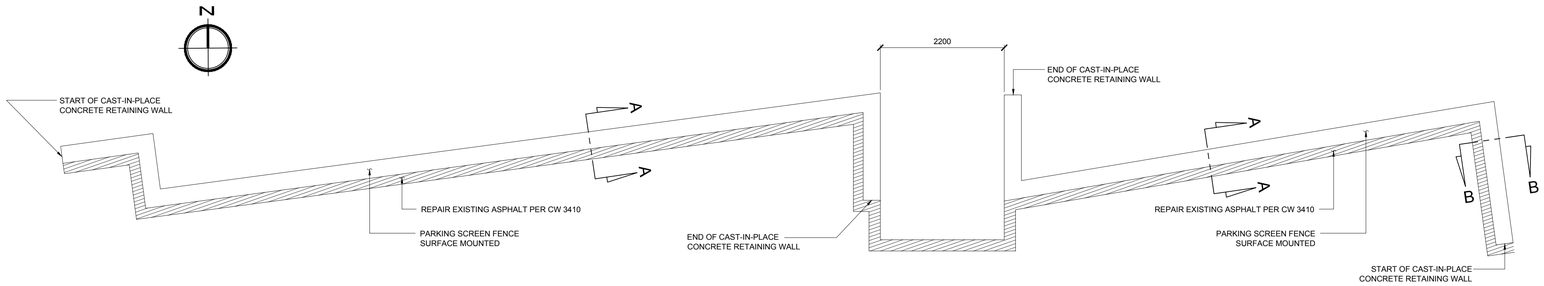
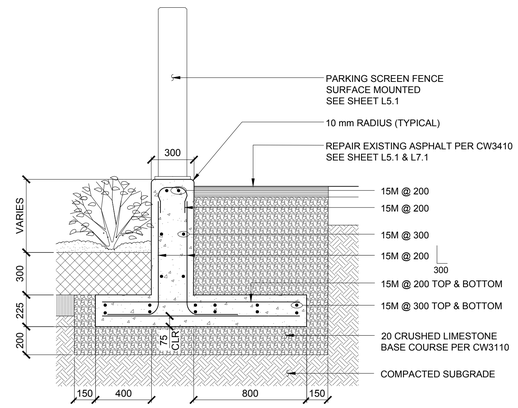
SEE SHEET S1.2 FOR GENERAL STRUCTURAL NOTES



1 / S1.3 PLAN - CONCRETE STAIR & RETAINING WALL

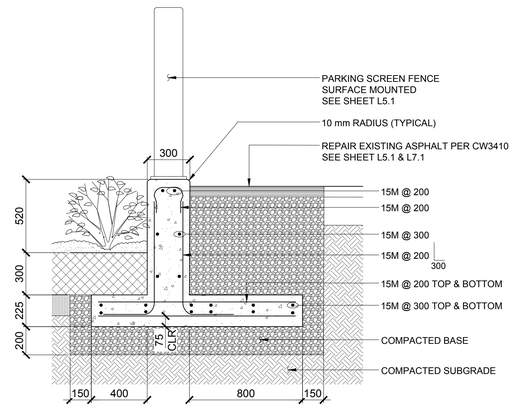
SCALE 1:50

SEE SHEET L7.1 FOR DETAILS



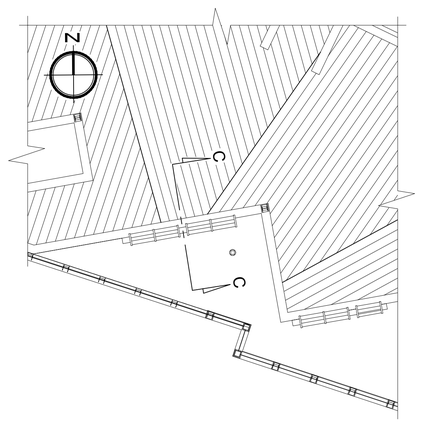
3 / S1.3 C-I-P CONCRETE RETAINING WALL - SECTION A-A

SCALE 1:20



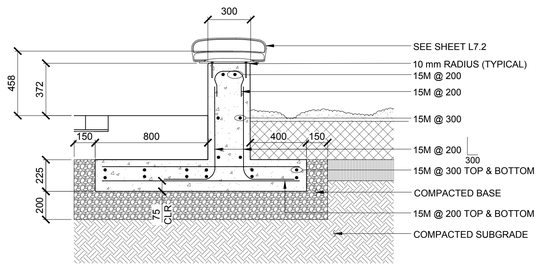
4 / S1.3 C-I-P CONCRETE RETAINING WALL - SECTION B-B

SCALE 1:20



2 / S1.3 PLAN - CONCRETE RETAINING WALL WITH BENCH

SCALE NTS



5 / S1.3 C-I-P CONCRETE WALL - SECTION C-C

SCALE 1:20

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

APEGM
Certificate of Authorization
MMM Group Limited
No. 4531

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. -

NO.	REVISIONS	DATE	BY
3	ISSUED FOR TENDER	05/25/16	MRI
2	ISSUED TO U/G STRUCTURES REVIEW	04/08/16	MRI
1	ISSUED FOR CITY OF WINNIPEG REVIEW	03/18/16	MRI

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DESIGNED BY	MRI	CHECKED BY	MRI
DRAWN BY	KB	APPROVED BY	WC
HOR. SCALE	AS NOTED	RELEASED FOR CONSTRUCTION	
VERTICAL	AS NOTED		
DATE	24/05/2016	DATE	

ENGINEER'S SEAL: PROVINCE OF MANITOBA M. R. ISLAM Member 36041 REGISTERED PROFESSIONAL ENGINEER May 25, 2016

CONSULTANT ACAD DWG. NO. S1.3

Winnipeg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES DIVISION

CITY OF WINNIPEG

NORTH EAST EXCHANGE DISTRICT ENGINEERING STUDY

CAST-IN-PLACE CONCRETE RETAINING WALL DETAILS

CITY DRAWING NUMBER

SHEET 34 OF 39

BID NO. 345-2016

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.

May 24, 2016 – 4:07pm
P:\3515001-5515099\3515038 – 2015 NE Exchange\MMM Drawings\2016 Structural Work\NE Exchange_John H Struct Details & Lily St. Bench.dwg –tab:S1.3