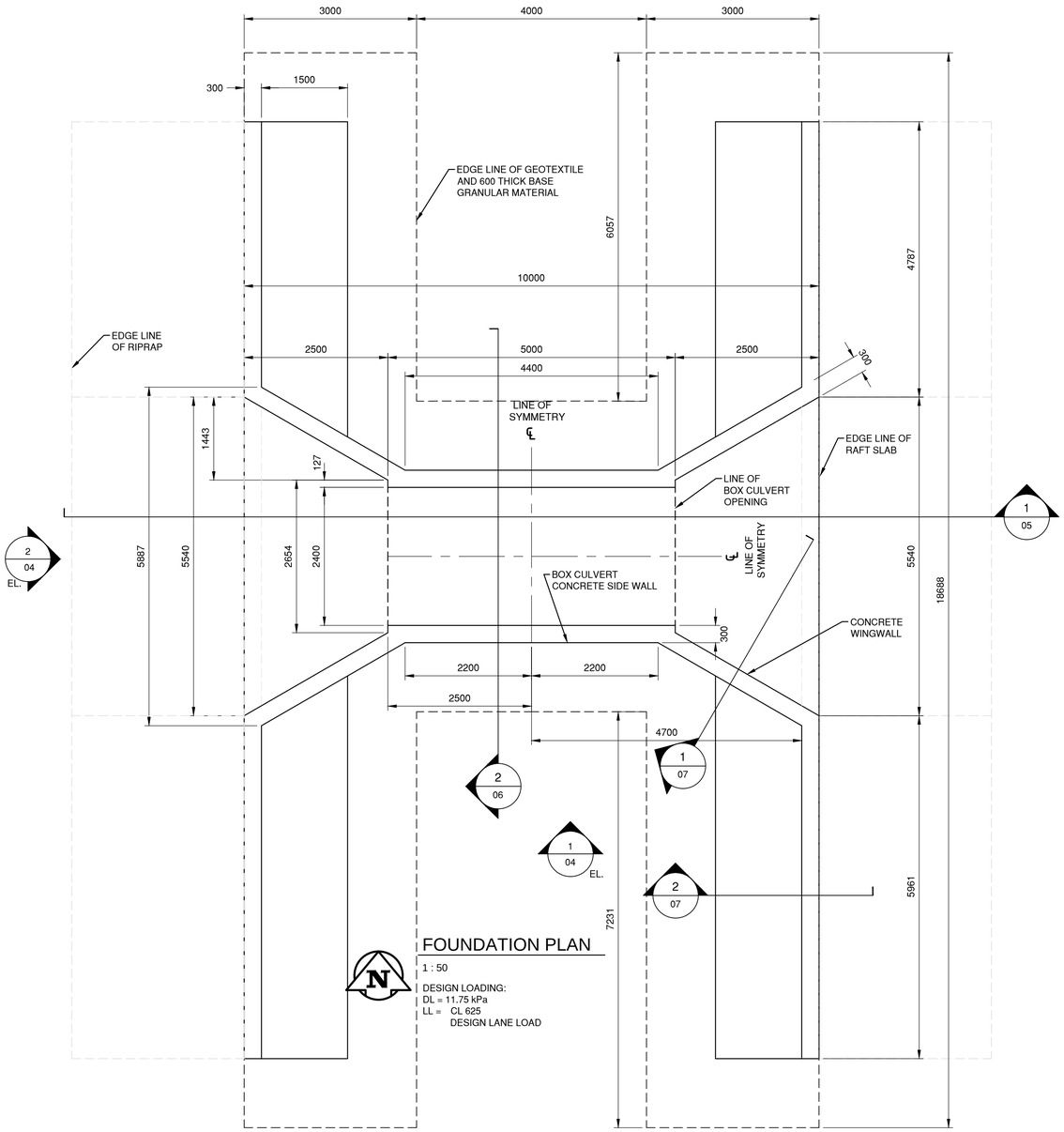
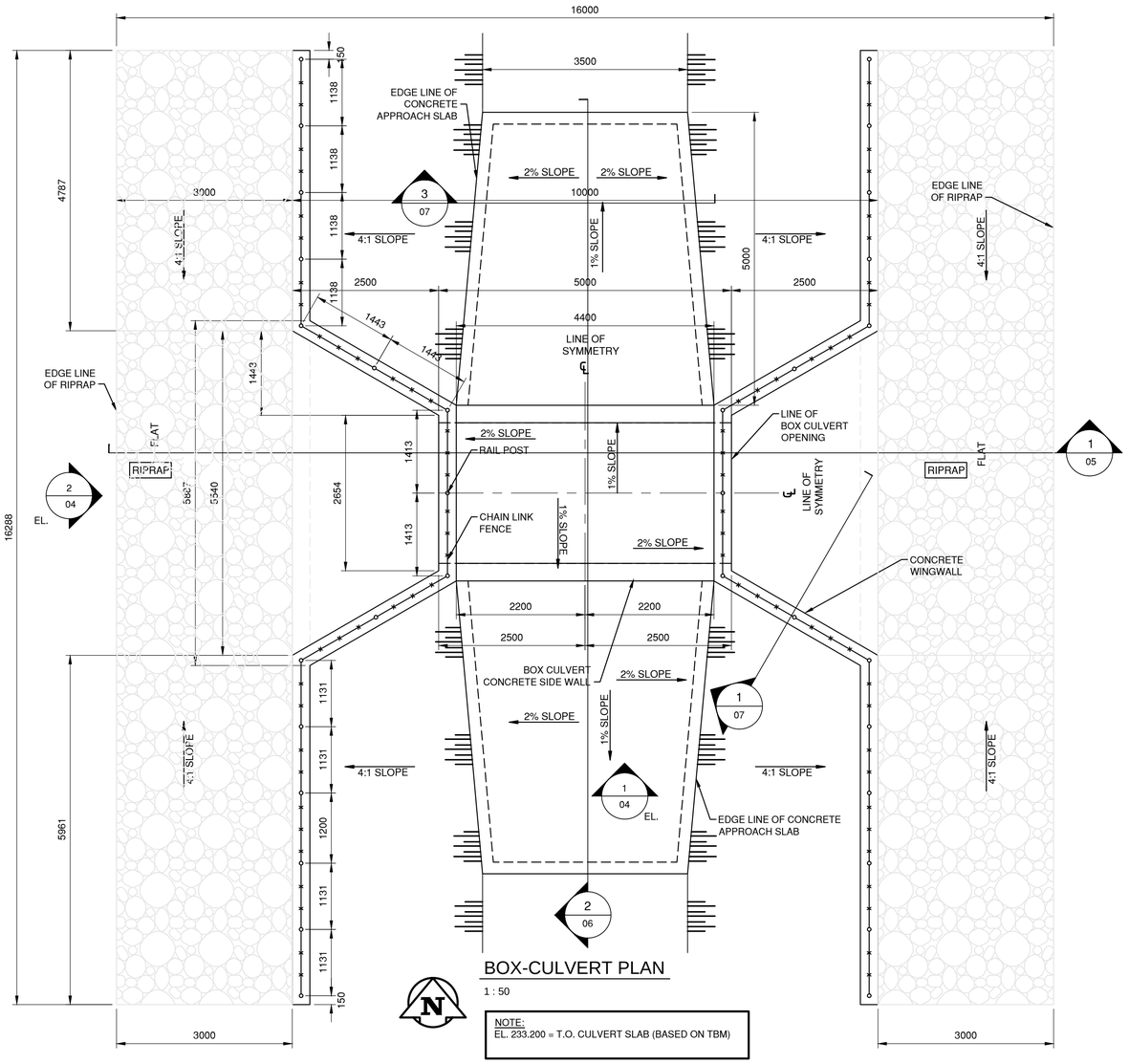


FOUNDATION PLAN

1 : 50

DESIGN LOADING:
DL = 11.75 kPa
LL = CL 625
DESIGN LANE LOAD

NOTE:
EL. 233.200 = T.O. CULVERT SLAB (BASED ON TBM)



BOX-CULVERT PLAN

1 : 50

NOTE:
EL. 233.200 = T.O. CULVERT SLAB (BASED ON TBM)

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

APEGM
Certificate of Authorization
Genivar Inc.
No. 4318 Expiry: April 30, 2012

EXISTING	LEGEND – PLAN	PROPOSED	EXISTING	LEGEND – PLAN	PROPOSED	EXISTING	LEGEND – PROFILE	PROPOSED
	WATERMAIN			HYDRO			CENTER LINE	
	HYDRANT			M.T.S.			NORTH GUTTER LINE	
	VALVE			CONCRETE			SOUTH GUTTER LINE	
	LAND DRAINAGE SEWER			ASPHALT		150mm W.M.	WATERMAIN	150mm W.M.
	WASTE WATER SEWER			PROPERTY LINE			VALVE	
	MANHOLE			SURVEY BAR		300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.
	CATCH BASIN			CURB STOP		250mm W.W.S.	WASTE WATER SEWER	250mm W.W.S.
	CURB INLET			C.B. LEAD			JUNCTIONS	
	TRAFFIC SIGNAL			SIDEWALK			CULVERT	
	STEAM HT.			SIDEWALK RAMP			ASPH./CONC. PAD	
	GAS		32.55	ELEVATIONS	32.55		GARAGE PAD	

LOCATION APPROVED

SUPV. U/G STRUCTURES COMMITTEE DATE

NOTE:

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 EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

NO.	REVISIONS	DATE	BY

GENIVAR
10 PRAIRIE WAY WINNIPEG, MANITOBA R2J 3J8
PH: (204)-477-6650 FAX: (204)-474-2864

DESIGNED BY	TL	CHECKED BY	SU
DRAWN BY	TL	APPROVED BY	SU
HOR. SCALE:	SEE DETAILS		
DATE	JUNE 2011	DATE	

ENGINEERS SEAL

CONSULTANT DRAWING NO.
09-150-20

Winnipeg
THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

2010 ACTIVE TRANSPORTATION INFRASTRUCTURE STIMULUS PROGRAM
NAVIN DRAIN CROSSING: LAGIMODIERE MULTI-USE PATH
BOX-CULVERT PLANS

CITY DRAWING NO. C-378-11-03
SHEET 3 OF 7
TENDER NO. 538-2011