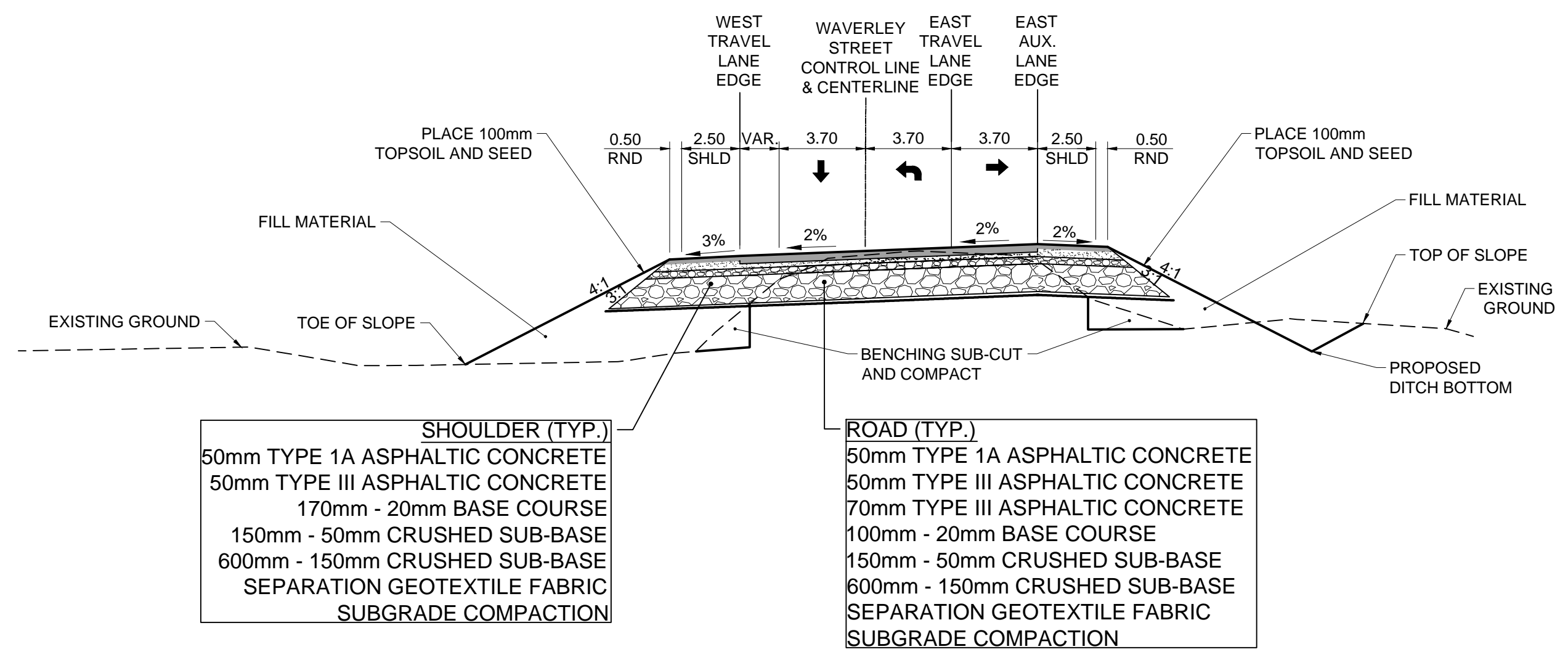


ROAD (TYP.)
 50mm TYPE 1A ASPHALTIC CONCRETE
 50mm TYPE III ASPHALTIC CONCRETE
 70mm TYPE III ASPHALTIC CONCRETE
 100mm - 20mm BASE COURSE
 150mm - 50mm CRUSHED SUB-BASE
 600mm - 150mm CRUSHED SUB-BASE
 SEPARATION GEOTEXTILE FABRIC
 SUBGRADE COMPACTION

SHOULDER (TYP.)
 50mm TYPE 1A ASPHALTIC CONCRETE
 50mm TYPE III ASPHALTIC CONCRETE
 170mm - 20mm BASE COURSE
 150mm - 50mm CRUSHED SUB-BASE
 600mm - 150mm CRUSHED SUB-BASE
 SEPARATION GEOTEXTILE FABRIC
 SUBGRADE COMPACTION

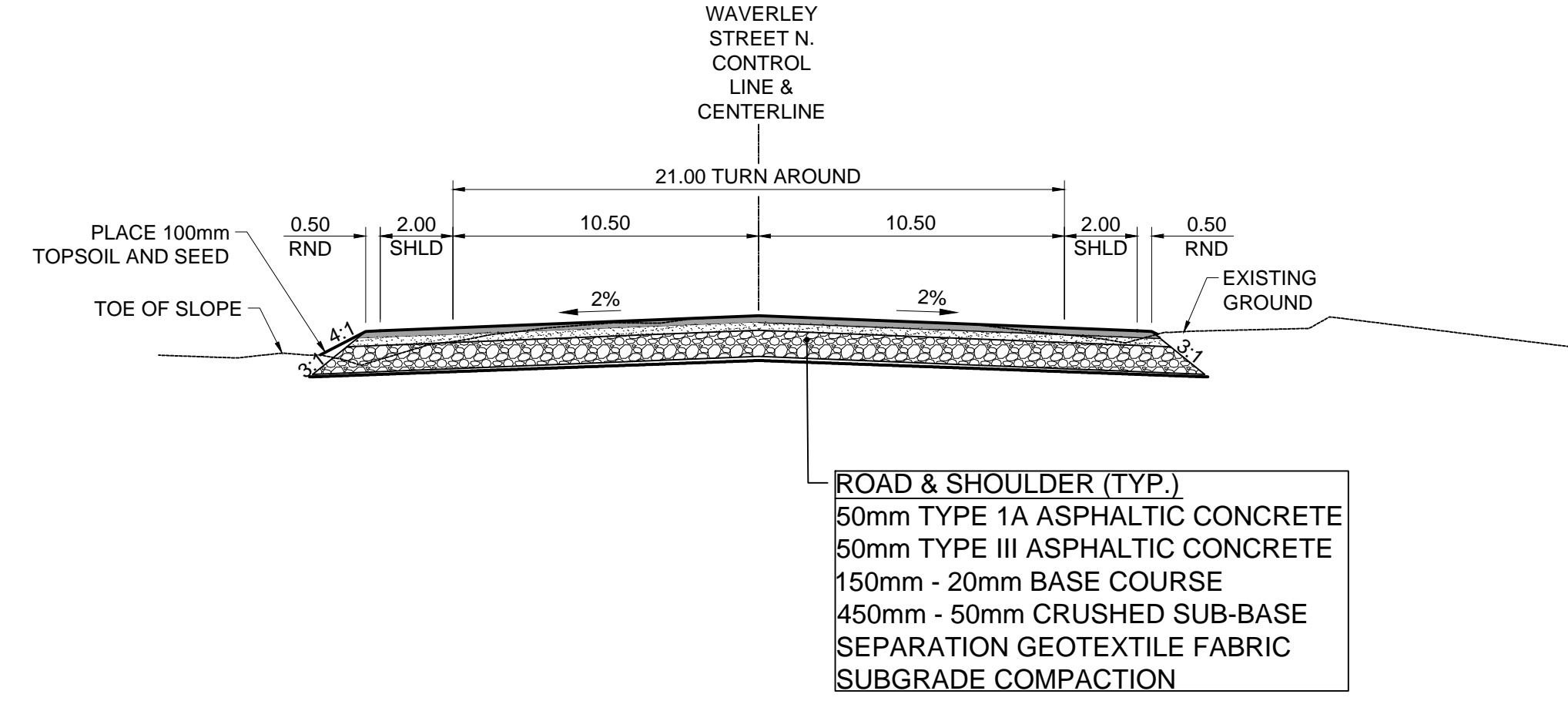
D PTH#100 AT STA 10+615
 1:200H 1:100V



SHOULDER (TYP.)
 50mm TYPE 1A ASPHALTIC CONCRETE
 50mm TYPE III ASPHALTIC CONCRETE
 170mm - 20mm BASE COURSE
 150mm - 50mm CRUSHED SUB-BASE
 600mm - 150mm CRUSHED SUB-BASE
 SEPARATION GEOTEXTILE FABRIC
 SUBGRADE COMPACTION

ROAD (TYP.)
 50mm TYPE 1A ASPHALTIC CONCRETE
 50mm TYPE III ASPHALTIC CONCRETE
 50mm TYPE III ASPHALTIC CONCRETE
 70mm TYPE III ASPHALTIC CONCRETE
 100mm - 20mm BASE COURSE
 150mm - 50mm CRUSHED SUB-BASE
 600mm - 150mm CRUSHED SUB-BASE
 SEPARATION GEOTEXTILE FABRIC
 SUBGRADE COMPACTION

E WAVERLEY STREET SOUTH AT STA 0+480
 1:200H 1:100V



ROAD & SHOULDER (TYP.)
 50mm TYPE 1A ASPHALTIC CONCRETE
 50mm TYPE III ASPHALTIC CONCRETE
 150mm - 20mm BASE COURSE
 450mm - 50mm CRUSHED SUB-BASE
 SEPARATION GEOTEXTILE FABRIC
 SUBGRADE COMPACTION

F WAVERLEY STREET NORTH AT STA 1+085
 1:200H 1:100V

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
 DECIMALIZED NUMBERS INDICATE METRES

WARNING

- IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:
1. NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
 2. TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS SEE PROVINCIAL REGULATION 210/72 FOR DETAILS.
 3. OBTAIN EXCAVATION PERMITS PRIOR TO CONSTRUCTION.



150 WM	WATERMAIN	150 WM	MTS	M.T.S.	MTS	150 mm W.M.	WATERMAIN	150 mm W.M.
+	HYDRANT	+	MTS	CONCRETE	+	+	HYDRANT	+
+	VALVE	+	MTS	ASPHALT	+	+	VALVE	+
300 LDS	LAND DRAINAGE SEWER	300 LDS	MTS	PLANING	300 mm L.D.S.	300 mm L.D.S.	LAND DRAINAGE SEWER	300 mm L.D.S.
250 WWS	WASTE WATER SEWER	250 WWS	MTS	SIDEWALK	250 mm W.W.S.	250 mm W.W.S.	WASTE WATER SEWER	250 mm W.W.S.
○	MANHOLE	●	MTS	PAVING STONES	○	○	PROFILE	○
□	CATCH BASIN	■	MTS	PROPERTY LINE	□	□	NORTH/WEST GUTTER	□
⊕	TEST HOLES	⊕	MTS	SURVEY BAR	⊕	⊕	SOUTH/EAST GUTTER	⊕
⊔	CULVERT	⊔	MTS	CURB RAMP	⊔	⊔	NORTH/WEST T/LANE	⊔
100 GAS	GAS	100 GAS	MTS	DITCH	←	←	SOUTH/EAST T/LANE	←
HYDRO	HYDRO	HYDRO	MTS	SWALE	~	~		
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED

UNDERGROUND STRUCTURES

SUPPLY, 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.

B.M. ELEV.	DESIGNED BY	DESIGN TEAM	ENGINEER'S SEAL
	S.B.C.		
	DRAWN BY		
	T.G.		
	CHECKED BY		
	S.B.C. / R.K.H.		
	APPROVED BY		
	S.B.C.		
	HOR. SCALE		
	1:500		
	VERTICAL		
	1:20		
	ISSUED FOR TENDER		
	14/04/17		
	S.B.C.		
	DATE		
	2014/04/17		
	NO. REVISIONS		

DESIGNED BY	DESIGN TEAM	ENGINEER'S SEAL
S.B.C.		
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T.G.		
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APPROVED BY		
S.B.C.		
HOR. SCALE		
1:500		
VERTICAL		
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ISSUED FOR TENDER		
14/04/17		
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DATE		
2014/04/17		
NO. REVISIONS		

THE CITY OF WINNIPEG
 PUBLIC WORKS DEPARTMENT

Winnipeg

Stantec

WWARP PART 3 - CONTRACT 4
 KENASTON / WAVERLEY

KENASTON BOULEVARD & WAVERLEY TO PERIMETER
 CROSS ROAD SECTIONS 2 OF 2

CITY DRAWING NUMBER: P-3355-18
 SHEET: 18 OF 20
 CONSULTANT DRAWING NUMBER: C-302

CONSULTANT PROJECT NUMBER: 113705751

VA 1137 (active) 113705751.dwg 404_working\sheet_files_perimeter\05751-c-301-xxx.dwg