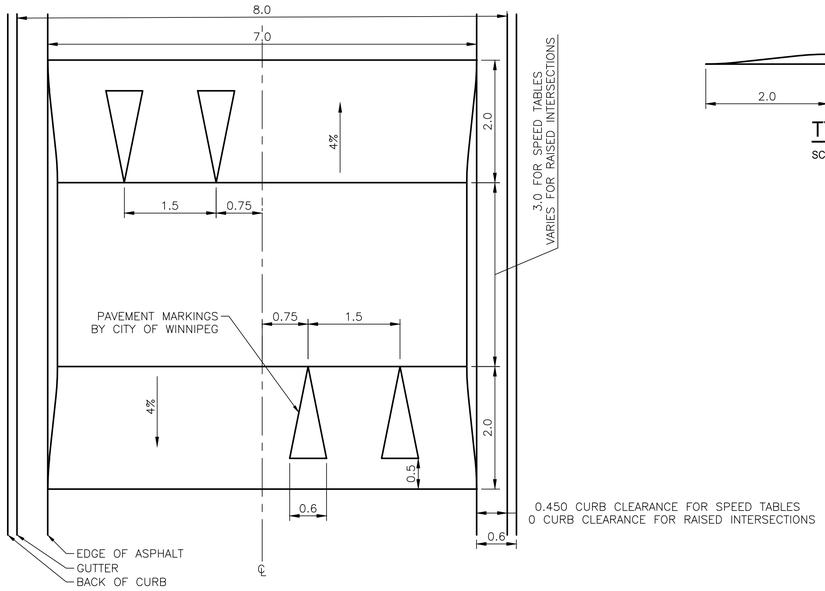
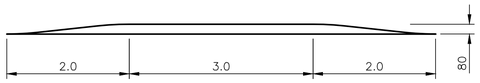
SINUSOIDAL SPEED TABLE AND RAISED INTERSECTION DEVELOPMENT																	
DISTANCE (m)	0.000	0.125	0.250	0.375	0.500	0.625	0.750	0.875	1.000	1.125	1.250	1.375	1.500	1.625	1.750	1.875	2.000
FINISHED HEIGHT (mm)	0	1	3	7	12	18	25	32	40	48	55	62	68	73	77	79	80

SINUSOIDAL SPEED TABLE AND RAISED INTERSECTION DEVELOPMENT



RAISED INTERSECTION & SPEED TABLE PLAN

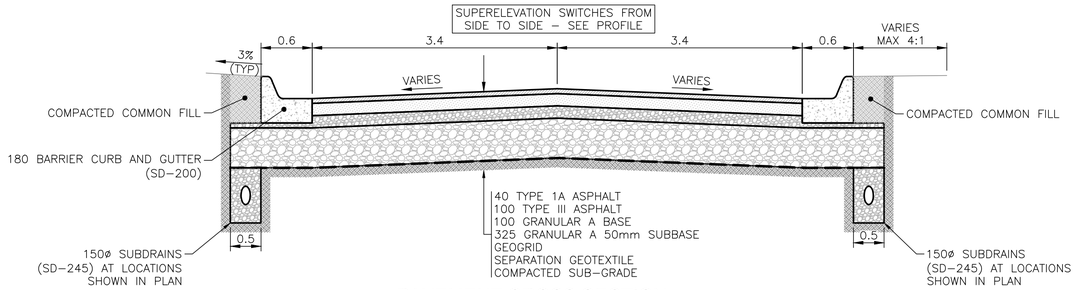
SCALE: NTS



TYPICAL VERTICAL PROFILE

SCALE: NTS

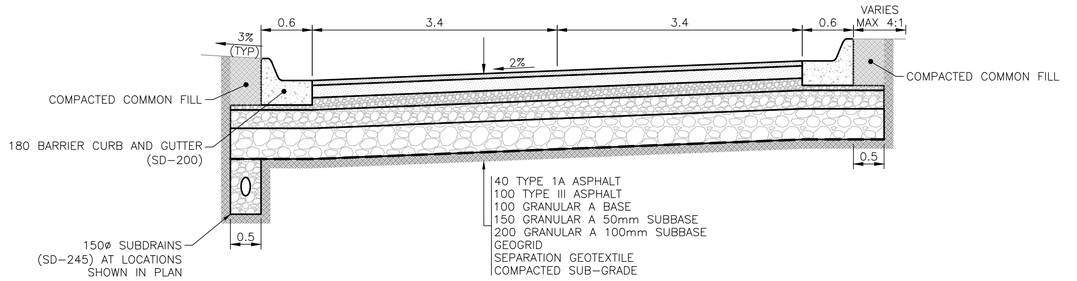
NOTE:
FOR RAISED INTERSECTIONS THE CURB AND GUTTER WILL BE INSTALLED FOLLOWING THE PROFILE OF THE RAISED INTERSECTION. PROVIDE SAWCUTS IN CURB & GUTTER AT EACH SLOPE TRANSITION THROUGH THE RAISED INTERSECTION.



PAVEMENT CROSS SECTION WELLINGTON: STA 10+00 TO 15+19

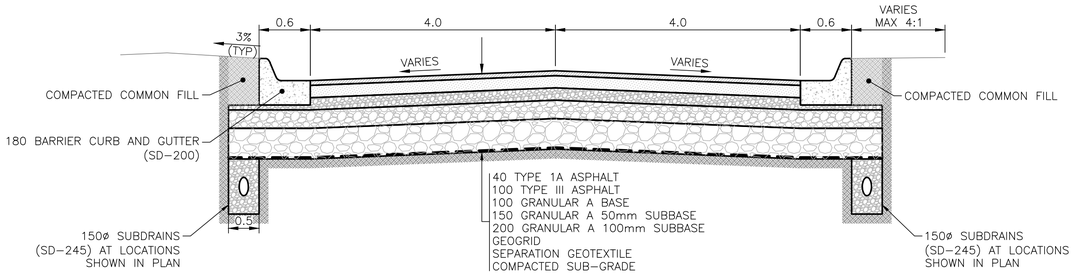
SCALE: NTS

NOTE:
CONSTRUCT ROAD RENEWAL ON GRENFELL BLVD., GIRTON BLVD., & CHATAWAY BLVD. FOLLOWING THIS PAVEMENT CROSS SECTION ADJUSTED TO MATCH THE WIDTH OF EACH EXISTING ROAD.



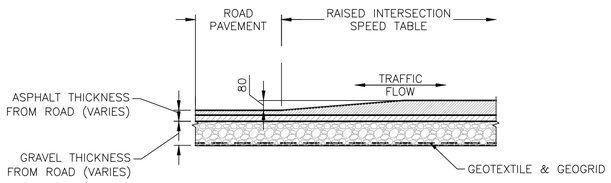
PAVEMENT CROSS SECTION WELLINGTON: STA 15+19 TO 16+10

SCALE: NTS



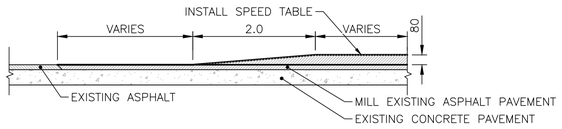
PAVEMENT CROSS SECTION DONCASTER

SCALE: NTS



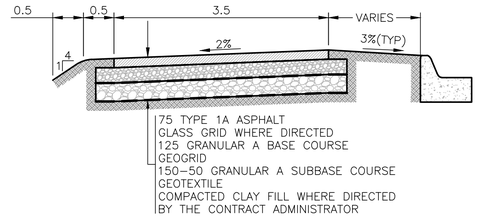
PAVEMENT TYPES THROUGH SPEED TABLES & RAISED INTERSECTIONS DETAIL

SCALE: NTS



SPEED TABLES ON EXISTING ROADWAY DETAIL

SCALE: NTS



PAVEMENT CROSS SECTION MULTI-USE PATHWAY

SCALE: NTS

PROPERTY LIMITS DELINEATION

DELINEATION OF PROPERTY LIMITS AS SHOWN ON THIS DWG DOES NOT REPRESENT A "LEGAL SURVEY". KGS GROUP MAKES NO REPRESENTATION OR WARRANTY AS TO THE ACCURACY OF PROPERTY LIMITS DELINEATED ON THIS DWG, NOR ON THE DIMENSIONAL ACCURACY OF DWG FEATURES RELATIVE TO THOSE PROPERTY LIMITS.

WARNING

NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.

TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.

SEE PROVINCIAL REGULATION 210/72 FOR DETAILS.

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
KGS Group
No. 245

EXISTING	LEGEND–PLAN	PROPOSED	EXISTING	LEGEND–PLAN	PROPOSED	EXISTING	LEGEND–PROFILE	PROPOSED
300 LDS	LAND DRAINAGE SEWER	300 LDS		CONCRETE			GUY WIRE	
250 WWS	WASTE WATER SEWER	250 WWS		ASPHALT			LIGHT STANDARD	
	GAS			MILL & FILL			BACK OF CURB	
	HYDRO			DETECTABLE TILE			PROPERTY LINE	
	M.T.S.			PAVEMENT REMOVAL			BUILDING	
150 WM	WATERMAIN	150 WM		PATH REMOVAL			SURVEY BAR	
	HYDRANT			TREE CLEARING			GEODETIC BENCHMARK	
	VALVE			TREE REMOVAL				
	MANHOLE T-MTS H-HYDRO			EXISTING TREE		EXISTING	LEGEND–PLAN	PROPOSED
	CATCH BASIN			DITCH / SWALE			℄ PROFILE	
	CURB INLET			CULVERT			LEFT HAND SIDE GUTTER	
	POLES T-MTS H-HYDRO		231.33	ELEVATION	232.233		RIGHT HAND SIDE GUTTER	

LOCATION APPROVED
UNDERGROUND STRUCTURES

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.

B.M. KGS_BASE
ELEV. 249.213
COORDINATE SYSTEM: CGVD28

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	10/05/20	JAB

KGS GROUP

DESIGNED BY JAB/GES
CHECKED BY CR
DRAWN BY IT
APPROVED BY CR
HOR. SCALE: AS NOTED
VERTICAL:
RELEASED FOR CONSTRUCTION:
DATE 04/21/20
DATE

ENGINEER'S SEAL

CONSULTANT DRAWING NO.
CR-18

Winnipeg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

PROJECT TITLE
WELLINGTON CRESCENT RIVERBANK, PATH AND ROADWAY PROJECT
PATH AND ROADWAY WORKS
DETAILS

SHEET 52 OF 69
COMPUTER FILE NAME
CITY DRAWING NUMBER
P–3536–45

D:\PROFILE\DESKTOP\FMS DESKTOP\FMS\18-0107-011\18-0107-011_CALL ROADS.DWG
PLOT 1:1 (A-1) 2020-10-05