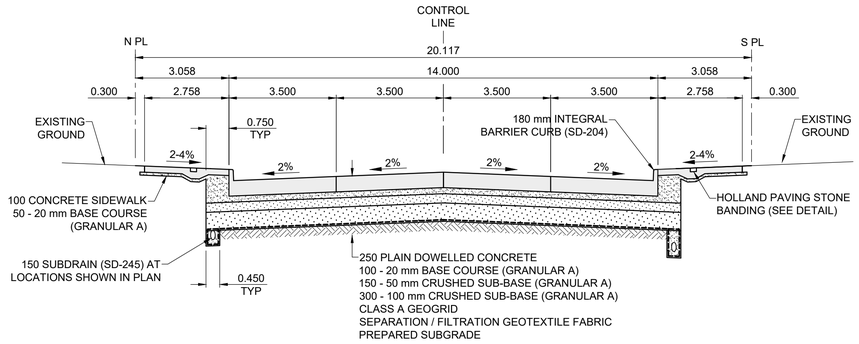
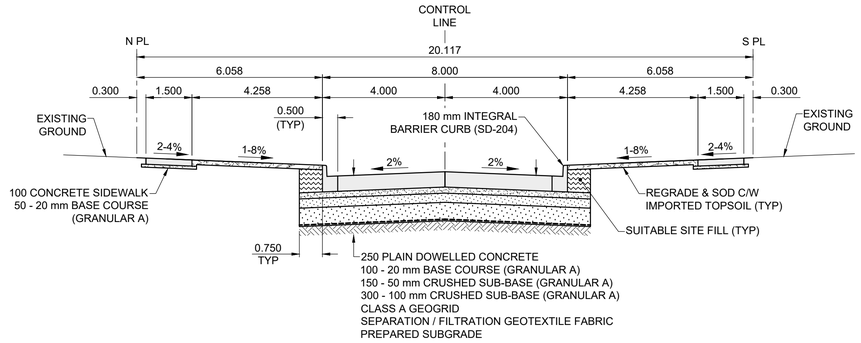


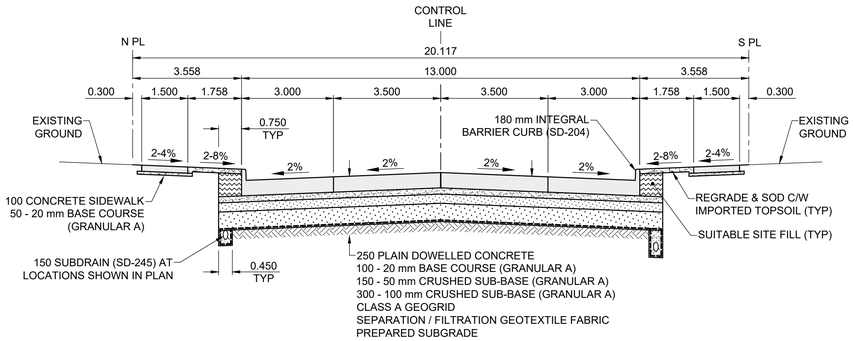
4 LANE PAVEMENT SECTION WITH FULL WIDTH SIDEWALKS

SCALE: 1:100 H
0 2.0 4.0m
0 1.0 2.0m
SCALE 1:50 V



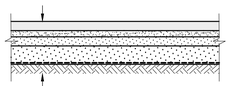
2 LANE PAVEMENT SECTION WITH 1.5 m WIDE SIDEWALKS

SCALE: 1:100 H
0 2.0 4.0m
0 1.0 2.0m
SCALE 1:50 V



4 LANE PAVEMENT SECTION WITH 1.5 m WIDE SIDEWALKS

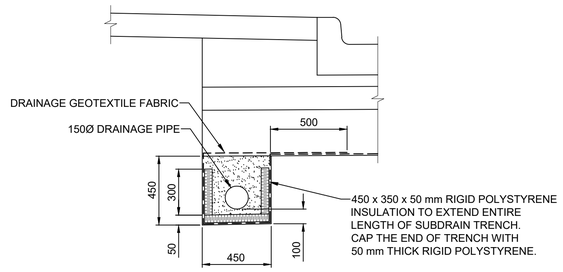
SCALE: 1:100 H
0 2.0 4.0m
0 1.0 2.0m
SCALE 1:50 V



CONCRETE RECONSTRUCTION -
150 REINFORCED CONCRETE PAVEMENT
100 - 20 mm BASE COURSE (GRANULAR A)
150 - 50 mm CRUSHED SUB-BASE (GRANULAR A)
300 - 100 mm CRUSHED SUB-BASE (GRANULAR A)
GEOGRID (CLASS A)
SEPARATION / FILTRATION GEOTEXTILE FABRIC
PREPARED SUBGRADE

PUBLIC LANE RECONSTRUCTION

SCALE: 1:100 H
0 2.0 4.0m
0 1.0 2.0m
SCALE 1:50 V

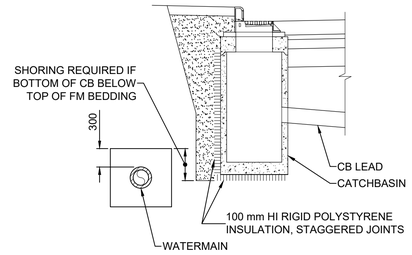


NOTE:

- PROTECT INSULATION DURING INSTALLATION, TAKING CARE NOT TO DAMAGE DURING BACKFILL.
- REQUIRED ON SOUTH SIDE WHERE WATER MAIN WITHIN 1 m OF EXCAVATION.

SUBDRAIN INSULATION DETAIL

SCALE: 1:20
0 0.5 1.0m

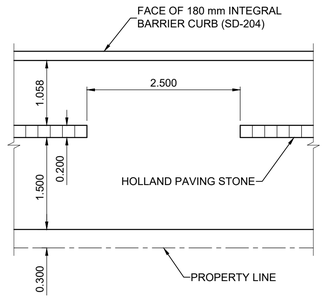


NOTES:

- CONTRACTOR TO SHORE SOUTH WALL OF CB EXCAVATION PRIOR TO EXCAVATION TO PREVENT DISTURBANCE OF BEDDING AND BACKFILL.
- REQUIRED @ SOUTH SIDE CB's WHERE WATER MAIN WITHIN 1 m OF EXCAVATION.

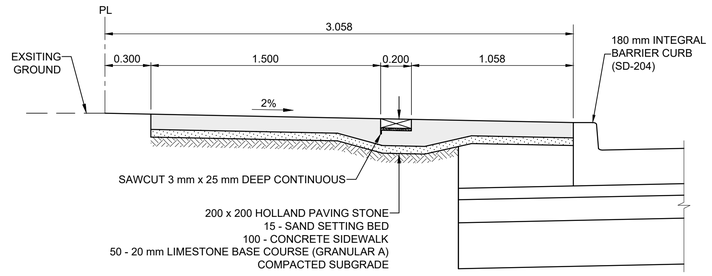
CATCHBASIN SHORING & INSULATION DETAIL

SCALE: 1:50
0 0.5 1.0 2.0 3.0m



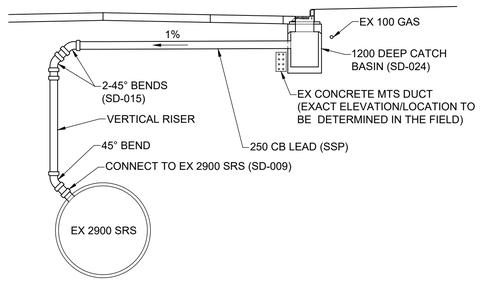
TYPICAL BUS STOP PLAN

SCALE: 1:50
0 0.5 1.0 2.0 3.0m



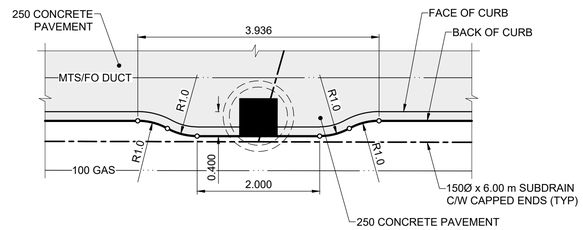
TYPICAL SIDEWALK SECTION

SCALE: 1:20
0 0.5 1.0m



NORTH SIDE CATCH BASIN DETAIL

SCALE: 1:100
0 2.5 5.0m



RECESSED CATCH BASIN INLET DETAIL

SCALE: 1:50
0 0.5 1.0 2.0 3.0m

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
MORRISON HERSHFIELD
No. 1736

TENDER No. 719-2021

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPR. 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.

BM 25-021
ELEV 232.337 m
S.W. Cor. Mountain Ave. & Arlington St., Tblt. in S. Conc. foundation of No. 772 Mountain Ave., 1 m E. & 0.1 m below bricks of S.W. Cor. of Bldg.

No.	REVISIONS	YY/MM/DD	BY
D	ISSUED FOR TENDER	22/03/15	GFC
C	ISSUED FOR CLIENT REVIEW	22/02/18	GFC
B	RE-ISSUED FOR GEOMETRY REVIEW	21/10/15	GFC
A	ISSUED FOR GEOMETRY REVIEW	21/09/26	GFC

MORRISON HERSHFIELD

DESIGNED BY	GFC	CHECKED BY	RPB
DRAWN BY	DML	APPROVED BY	RPB
HOR SCALE		RELEASED FOR CONSTRUCTION	
VERT SCALE			
DATE	JULY 30, 2021	DATE	

PROFESSIONAL'S SEAL
PROVINCE OF MANITOBA
G.F. COOLIDGE
Member 24465
2022-03-15
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT FILE NAME
2102583-Mountain-XS-01.dwg

Winnipeg
THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

2022-2023 REGIONAL STREET RENEWAL PROGRAM
MOUNTAIN AVENUE RECONSTRUCTION
McPHILLIPS ST TO ARLINGTON ST

SECTIONS AND DETAILS

CITY DRAWING NUMBER: P-3557-19
SHEET 19 OF 28
DRAWING NUMBER: 19

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

ISO A1 - 594mm x 841mm

X:\Proj\2021\210258300-2021-2023 McGregor Mountain Renewal\09. CAD\07 Sheets\Mountain\2102583-Mountain-XS-01.dwg Last Saved: 3/11/2022 10:07 AM by dlane Plotted: 3/11/2022 12:04 PM by Dave Lane