DETAIL
1
MANHOLE
SCALE: 1:50

CAUTION: HYDRO UNDERGROUND 5 OF 4 WAY DUCTLINE

CHAINLINK FENCE
EXISTING MANHOLE
PROPERTY LINE
EXISTING WATER LINE
MANHOLE COVER
3048
2438
741
1000 MIN.
1125
EMBANKMENT

REMOVAL OF SIDEWALK CURB
CAST-IN-PLACE REINFORCED CONCRETE SLAB ON GRADE
EMBANKMENT (TYP.)
SLAB JOINT
2415
909
2400
285
285
CAUTION: HYDRO
TURF REINFORCING MATS
PORTAGE AVENUE
PORTAGE AVE. SIDEWALK
EXTENT OF GEOGRIDS
PROPERTY LINE
DRAIN INLET (TYP.)
TURF REINFORCING MATS
MODULAR BLOCK RETAINING WALL
BURIED ABANDONED CONCRETE WALL. DEMOLISH AS REQUIRED.
571
1989
TURF REINFORCING MATS
3940
CAST-IN-PLACE REINFORCED CONCRETE LANDING
SLAB JOINT
BOLLARD (REFER TO SHEET 127 FOR DETAILS)
GROUTED RIP RAP PAD (TYP) SEE DRAWING 11
EMPRESS STREET OVERPASS

GRAVEL PATH
EXISTING BUILDING
TREE (TYP.)
LIGHT POST

APPROX LIMITS OF TURF REINFORCING MATS = 30550±
CAUTION: WATER LINE LOCATION TO BE DETERMINED
CAUTION: HYDRO UNDERGROUND 5 OF 4 WAY DUCTLINE
CAUTION: GAS LOCATION TO BE DETERMINED
TREE REMOVAL TO BE DETERMINED
CHAINLINK FENCE
MODULAR BLOCK RETAINING WALL
EMBANKMENT
MANHOLE
PROPERTY LINE
1
1080
3364
1900
7619
4027
4238
2692
2039
1207
5667
CSP CULVERT. SEE DRAWING 10
SHEAR KEY (TYP.)
TURF REINFORCING MATS
CAST-IN-PLACE REINFORCED CONCRETE SLAB ON GRADE (TYP.)
ALUMINUM PEDESTRIAN HANDRAIL POSTS (TYP.)
RANDOM STONE RIP RAP
SUBDRAIN
12mm WATER TIGHT SLAB JOINT (TYP.)
CAST-IN-PLACE REINFORCED CONCRETE LANDING
CAST-IN-PLACE REINFORCED CONCRETE DRAINAGE CHANNEL
CAUTION: HYDRO
CAST-IN-PLACE REINFORCED CONCRETE LANDING
1200 DEEP CATCH BASIN (SD-025) SEE DRAWING 11
EXISTING STAIRS
EXISTING LIGHT POST
COMBINED LANDING AND REST AREA
CSP CULVERT. TRENCHLESS INSTALLATION SEE DRAWING 11
EMPRESS STREET OVERPASS
SLAB JOINT
EXTENT OF GEOGRID
CAST-IN-PLACE REINFORCED CONCRETE LANDING
EMPRESS ST. SIDEWALK
ROADWAY DRAINAGE INLET (TYP.)

SOUTH RAMP PLAN
SCALE: 1:100

UTILITIES LEGEND

POWER

WATER

GAS

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
ELEV

No.	REVISIONS	DATE	BY
C	ISSUED FOR TENDER	18/09/04	BAP
B	ISSUED FOR 95% DESIGN REVIEW	18/08/07	BAP
A	ISSUED FOR 50% DESIGN REVIEW	18/06/28	BAP
No.	REVISIONS	YY/MM/DD	BY

MORRISON HERSHFIELD

DESIGNED BY	ALP/YM	CHECKED BY	BAP
DRAWN BY	ALP	APPROVED BY	BAP
HOR SCALE	AS SHOWN	RELEASED FOR CONSTRUCTION	
VERT SCALE	AS SHOWN		N/A
DATE		DATE	

CONSULTANT FILE NAME
W160034 - DD SR.DWG

PROFESSIONAL'S SEAL
PROVINCE OF MANITOBA
B.A.F. PHILLPS
Member
32723
REGISTERED PROFESSIONAL ENGINEER

Winnipeg
THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

BID OPPORTUNITY No. 602-2018

EMPRESS STREET PROJECT
PEDESTRIAN ACCESSIBILITY RAMPS
SOUTH RAMP
PLAN

CITY DRAWING NUMBER
P-3494-119

| SHEET | OF |
| 119 | 168 |

DRAWING No. | REV
119 | C

NOTES:
- THE CONTRACTOR IS RESPONSIBLE TO CONFIRM THE LOCATION OF ALL UTILITIES IN THE FIELD PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL SUBMIT A COMPLETE CONSTRUCTION STAGING PLAN AND SCHEDULE TO THE CONTRACT ADMINISTRATOR FOR REVIEW PRIOR TO PROCEEDING WITH CONSTRUCTION.