



EXCAVATION & RIPRAP PLAN
1:200

HIDDEN LINE INDICATES CHANGE IN SLOPE OF EXCAVATION AREA. SLOPE GRADE TO TOP OF EXCAVATION @ 2/1 TYP.

TEMPORARY GRADE SEPARATION WALL TO BE DESIGNED AND MAINTAINED BY CONTRACTOR. REMOVAL OR BURIAL OF WALL SHALL BE AT THE DIRECTION OF THE CONTRACTOR. TYP. AT EACH ABUTMENT

DASHED LINE INDICATES APPROXIMATE BOTTOM OF CELLULAR CONCRETE. REMAINDER TO SLOPE UP TO GRADE @ 4:1 SLOPE. CONTRACTOR TO SITE DETERMINE.

NOTE: RETAINING WALL EXCAVATION AND BACKFILL AREAS ARE ESTIMATED AND CONTAIN BOTH CELLULAR CONCRETE AND COMPACTED FILLS. AREA ASSOCIATED WITH RETAINING WALL SHALL INCLUDE THE RETAINING WALL LEVELLING PAD. THE MODULAR BLOCKS OR WALL PANELS AND ALL BACKFILL MATERIALS AS INDICATED ON PLAN SHALL BE DETERMINED BY THE CONTRACTOR. BACKFILL MATERIALS SHALL BE COMPATIBLE WITH THE RETAINING WALL SYSTEMS. FURTHER LIMITS SHOWN ON SHEET 16. PLAN GEOMETRY AND T/O WALL ELEVATIONS TO BE AS SHOWN IN THE DRAWINGS. REFER TO SHEET 57 FOR WALL DRAINAGE.

- LEGEND**
- ABUTMENT EXCAVATION/BACKFILL
 - CELLULAR CONCRETE FILL
 - EXCAVATION/COMPACTED BACKFILL AS DETERMINED BY CONTRACTOR
 - RIPRAP LIMITS
 - RETAINING WALL

HIDDEN LINE INDICATES APPROXIMATE BOUNDARY OF COMPACTED BACKFILL. CONTRACTOR TO DETERMINE
DIAGONAL HATCH INDICATES RETAINING WALL

APEGM
Certificate of Authorization
Stantec Consulting Ltd.
No. 1301 Date: _____

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

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.

NO.	REVISIONS	DATE	BY
2	REVISED PER ADDENDUM No.2	12.01.31	K.S.A.
1	REVISED PER ADDENDUM No.1	12.01.18	K.S.A.
0	ISSUED FOR TENDER	11.12.15	K.S.A.

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DESIGNED BY K.S.A.	CHECKED BY K.S.A.
DRAWN BY V.J.F.	APPROVED BY B.J.W.
HOR. SCALE: AS SHOWN	RELEASED FOR CONSTRUCTION: DATE _____
VERTICAL:	DATE _____

ENGINEER'S SEAL
CONSULTANT DRAWING NO.
S-107

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

STURGEON ROAD
BRIDGE REPLACEMENT
PORTAGE AVENUE TO HALLONQUIST DRIVE
GENERAL EXCAVATION, BACKFILL & RIPRAP PLAN

SHEET **15** OF **82**
CAD FILE DRAWING NUMBER
31590s-102-767.dwg
CITY DRAWING NUMBER
B120-12-015

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 Date: 2012 Jan 31 3:10pm Login: Friesen, Vince