

## OOTING NOTES

- FOR GENERAL NOTES SEE DWG AA840-205.31-4.01
- FOR GEOTECHNICAL NOTES SEE DWG AA840-205.31-4.02
- CONFIRM ALL
  O START OF CO CONSTRUCTION. DIMENSIONS RELATED TO THE EXISTING STRUCTURE. RESOLVE WITH DESIGN ENGINEER ALL DISCREPANCIES
- 4. BOTTOM OF FOOTING SHALL BE FOUNDED ON BEDROCK, FREE FROM STANDING WATER, LOOSE BEDROCK, SOIL, MUD, BEDROCK IRREGULARITIES AND SLOPING SURFACES. HAND CLEANING, BROOMING AND PRESSURE WASHING TO REMOVE ANY LOOSE MATERIAL IS REQUIRED. IT IS ESTIMATED THAT 0.3M TO 0.5M LOOSE/WEATHERED MATERIAL WILL REQUIRE REMOVAL.
- 5. BEARING SURFACE TO BE INSPECTED AND APPROVED BY A QUALIFIED GEOTECHNICAL ENGINEER PRIOR TO FOOTING CONSTRUCTION.
  FOR A 1000 MM WIDE FOOTING, THE FOLLOWING DESIGN PARAMETERS WERE USED:
  NET BEARING CAPACITY
  ALLOWABLE BEARING CAPACITY PRIMARY LOADS
  2200 KPA
  3300 KPA
  3300 KPA

- DAMPPROOFING SHALL BE APPLIED ON THE BACK FACES OF THE FOOTING AS
- MINIMUM CONCRETE COVE R FOR MAIN REINFORCING SHALL BE 50 MM UNLESS NOTED OTHERWISE
- 8. ALL EXPOSED CO. 9. ANCHOR BOLTS, EXPOSED CONCRETE ONCRETE EDGES SHALL BE GIVEN A 20MM X 20MM CHAMFER. AND CHANNEL ARE TO BE PROVIDED BY THE MULTIPLATE ARCH SUPPLIER.

ONCRETE "	_	Ш	8	92	NTY.	
	15M	15M	20M	20M	SIZE	
7 RE	F1502T	F1501S	F2002S	F2001S	MARK	l-n
B N A C B C B T'T"  "T"  "T"  QUANTITIES (2 FOOTINGS)  REINFORCING (KG)  ANCHOR BOL 36	1650	4800	5000	1900	LENGTH	REINFORCING BAR LIST-2 FOOTINGS
TIES	100				Α	RCIN(
C C B C B	425	$\vdash$	300	300	В	BAF
OOTINGS)  ANCHOR BOLTS (EACH) 36	300	4400	4400	1300	С	R LIS
GS)		200	300	300	D	<u>T-2</u>
(EACH					Ш	FOOT
					П	INGS
CHANNEL 9.0	100				G	
VEL (M)					エ	
					χ,	

THREADBAR 25mm DIAX 2350mm LONG W/ ANCHOR BEARING PLATE AND NUT\_ DYWIDAG THREADBAR TO BE GRADE 150 ksi.

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CHANNEL

	3. Mappount	D. TODOROVIC	PROFESSIONAL
j	Offic	Drawn Dessin	1001

	S. Mappoort	LICENSE D. TODOROVIC	PROFESSIONAL
j	Office	Drawn DGT Dessin DGT	
7 7 7 7	of Chief	- Designed Conception	FOOTING GEOM

PT 18, 2009 Date

SUED FOR CONSTRUCT

SENIOR STRUCTURAL ENGINEER

EASTERN CANADA

Sub-division

KINGSTON

By/Par 205.31

Revision

**CULVERT NORTH EXTENSION DETAILS** 

NEAR MOHAWK, ONTARIO

GEOMETRY, REINFORCING AND DETAILS

DGT Checked Verification

Scale Echelle

AS NOTED

Date JAN 15, 2010

STONE ARCH CULVERT EXTENSION

Bureau de Chief Engineer l'Ingénieur en

SEVERKO FILE

205.31 KINGSTON

chef

Drawing Number Dessin Numero AA840-205.31-4.03  $\circ$