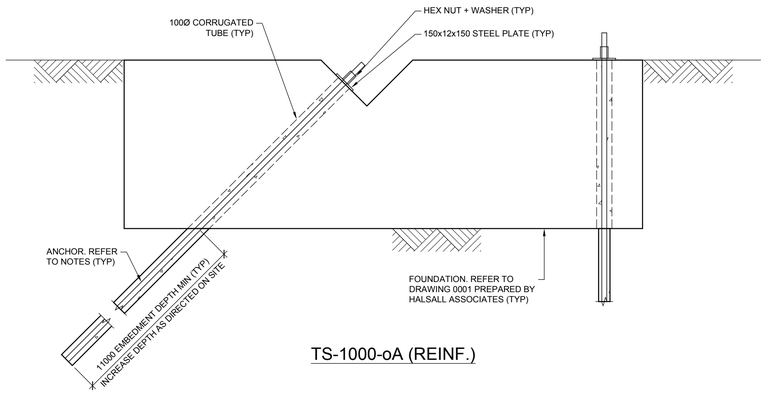
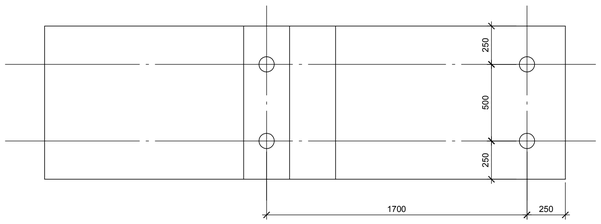
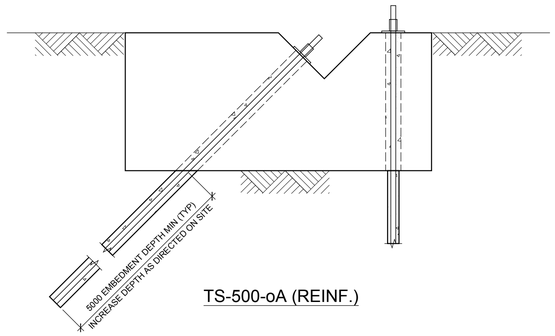
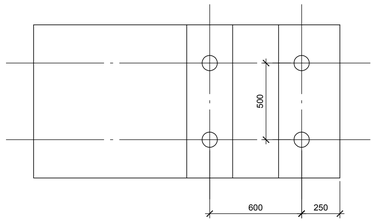


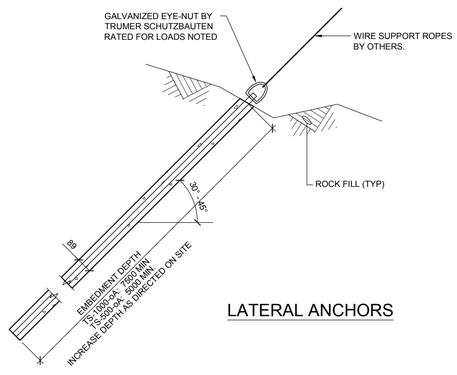
TS-1000-oA (REINF.)





TS-500-oA (REINF.)





LATERAL ANCHORS

GENERAL NOTES

1. DO NOT SCALE THESE DRAWINGS.
2. ALL DIMENSIONS TO BE CONFIRMED ON SITE BY THE CONTRACTOR. ALL DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
3. ALL MATERIALS AND METHODS OF CONSTRUCTION MUST COMPLY WITH THE ONTARIO BUILDING CODE 2006, INCLUDING AMENDMENTS.
4. ANCHORS:
   - 4.1. ALL ANCHORS TO BE DYWIDAG IBO SDA R51N OR WILLIAMS B7X1-51 GEO-DRILL BARS.
   - 4.2. ANCHORS TO BE FULLY GROUTED PER METHOD STATEMENT.
   - 4.3. PROVIDE SEATING LOAD OF 100kN PER ANCHOR.
   - 4.4. MAXIMUM SERVICE TENSILE LOAD ON ANCHORS EXPECTED TO BE 480 kN.
5. GROUT: BASALITE MICROSIL ANCHOR GROUT, KING MS CABLE GROUT OR APPROVED EQUIVALENT.
6. ALL STEEL TO BE HOT-DIPPED GALVANIZED.
7. PROVIDE DETAILED SACRIFICIAL ANCHOR PULL TEST PROGRAM, BASED ON PTI RECOMMENDATIONS, TO EVALUATE EMBEDMENT LENGTHS REQUIRED FOR ANCHOR LOADS (PER TRUMER SCHUTZBAUTEN).
8. LATERAL ANCHOR SPECIFIED LOAD (PER TRUMER SCHUTZBAUTEN):
   - 8.1. TS-500-oA (REINFORCED): 113 kN
   - 8.2. TS-1000-oA (REINFORCED): 231 kN

LICENSED PROFESSIONAL ENGINEER
2012/11/19
D.F.WOOD
90417742
PROVINCE OF ONTARIO

David F. Wood
CONSULTING LTD.

mf roll number	rev no	date	particulars	dwn / chkd	appd

GLEN ACCESS ROAD
ROCK FALL PROTECTION
SOIL ANCHOR DETAILS
TS-500-oA / TS-1000-oA

ONTARIO POWER GENERATION — Hydro-Thermal Operations ... Plant Group

dwn SWC	designed by DFW	FOR ORIGINAL SIGNATURES SEE REVISION 00.
chkd ADD	design reviewed by DFW	THIS DOCUMENT AND THE INFORMATION CONTAINED HEREIN IS THE EXCLUSIVE PROPERTY OF, AND IS CONFIDENTIAL AND PROPRIETARY TO, ONTARIO POWER GENERATION INC. ALL RIGHTS RESERVED. THIS DOCUMENT AND INFORMATION CONTAINED HEREIN MAY BE USED ONLY AS AUTHORIZED IN WRITING BY ONTARIO POWER GENERATION INC. AND MAY NOT BE REPRODUCED OR UTILIZED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPY RECORDING, OR BY ANY INFORMATION STORAGE OR RETRIEVAL SYSTEM AND MAY NOT BE DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF ONTARIO POWER GENERATION INC.
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CLASS No.

A1 (594 x 841)

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