

1 S01 FOUNDATION PLAN
SCALE : 1:30
0mm 500mm 1000mm 1500mm 2000mm 2500mm 3000mm

DESIGN CRITERIA:

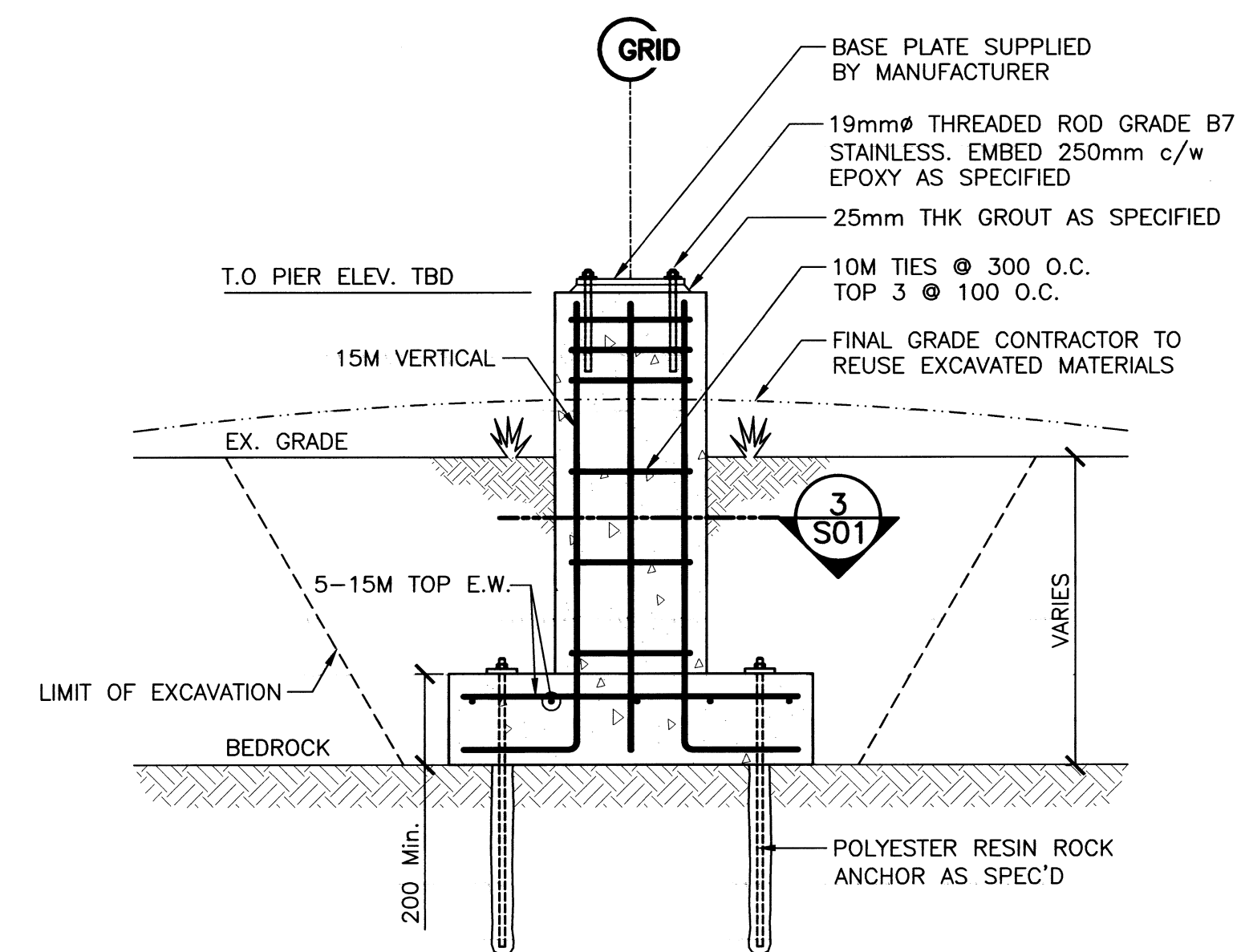
- STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH NBCC 2015.
- DESIGN WIND LOAD = 0.85kPa (1 IN 50 YEAR).

REINFORCED CONCRETE:

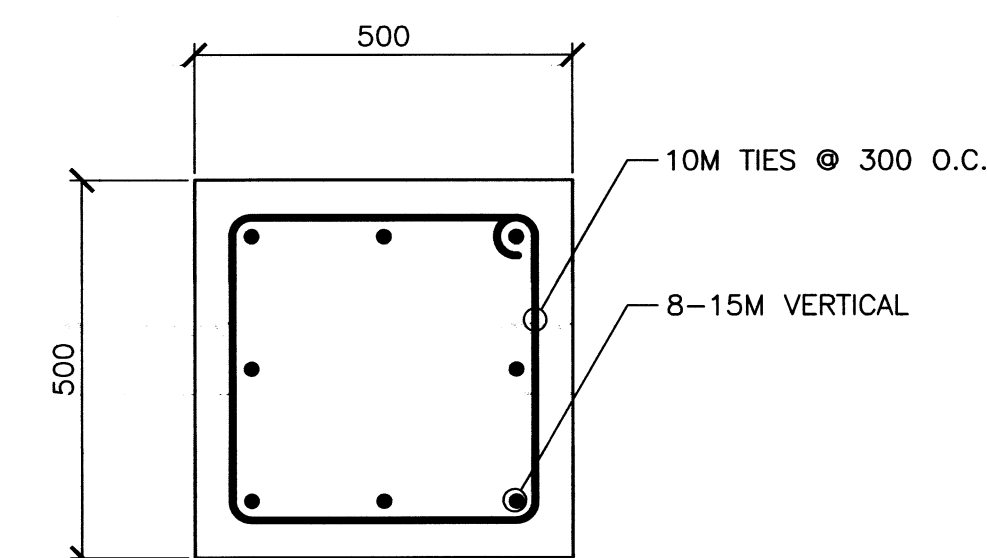
- ALL CONCRETE, CONCRETE MATERIALS, FORMS, WORKING PROCEDURES & THE LIKE SHALL CONFORM TO CSA A23.1, LATEST EDITION, UNLESS NOTED OTHERWISE.
- MINIMUM COMPRESSIVE STRENGTH OF CONCRETE AT 28 DAYS SHALL BE 25MPa & CLASS OF EXPOSURE SHALL BE F-2.
- CONCRETE PROTECTIVE COVER TO REINFORCING STEEL SHALL BE AS FOLLOWS UNLESS NOTED OTHERWISE ON DRAWINGS:
 - CAST AGAINST GROUND - NO FORMWORK (75mm)
 - EXPOSED TO EARTH OR WEATHER (60mm)
 - PIERS (38mm)
- ALL REINFORCING STEEL SHALL HAVE A MINIMUM YIELD POINT STRENGTH OF 400 MPa & SHALL CONFORM TO CSA G30.18-M, LATEST EDITION.

ROCK ANCHOR NOTES:

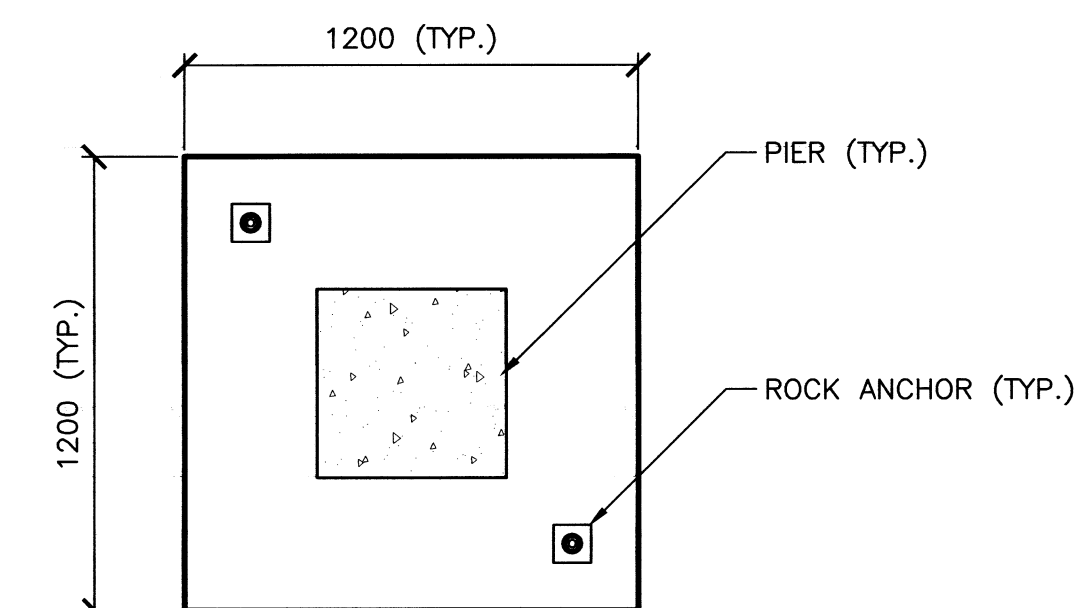
- ROCK ANCHOR TO BE 22mmØ GRADE 75 ALL THREAD BAR (GALV.) c/w TWO COMPONENT POLYESTER RESIN GROUT BY WILLIAMS FORM ENGINEERING CORP OR APPROVED EQUAL.
- ROCK ANCHORS TO BE EMBEDDED 600mm INTO SOUND BEDROCK.
- ROCK ANCHORS TO BE INSTALLED AS PER MANUFACTURERS RECOMMENDATIONS.
- ANCHOR HOLE IN BEDROCK MUST BE CLEAN OF LOOSE DEBRIS AND DELETERIOUS MATERIAL.
- ROCK ANCHOR TO BE TIGHTENED TO CONCRETE FOOTING USING 102x102x16 GALV. BEARING PLATE c/w HEAVY DUTY HEX NUT.



2 S01 SECTION - FOOTING ON BEDROCK
SCALE : 1:20
0mm 500mm 1000mm 1500mm 2000mm 2500mm



3 S01 DETAIL - TYPICAL PIER DETAIL
SCALE : 1:10
0mm 100 200 300 400 500 600 700 800 900 1000mm



4 S01 DETAIL - TYPICAL FOOTING
SCALE : 1:20
0mm 500mm 1000mm 1500mm 2000mm 2500mm



PROVINCE OF NEWFOUNDLAND AND LABRADOR
PEG Newfound and Labrador
PERMIT HOLDER
This Permit Allows
PERSONS BASED ON DESIGN
CBCL LIMITED
Member in Responsible Charge:
TODD PUDDICOMBE, P.Eng. No. 08215
To practice Professional Engineering in Newfoundland and Labrador.
Permit No. as issued by PEGNL D0178 which is valid for the year 2018.

0	ISSUED FOR TENDER	AUG 8 2018
revisions		date

project
project

PRE-FABRICATED BUILDING - ASSEMBLY AND CONSTRUCTION PASS ISLAND, NL

drawing
dessin

TYPICAL FOUNDATION PLAN AND DETAILS

designed
conçu

date
MARCH 2018

drawn
dessiné

date
MARCH 2018

approved
approuvé

date

Tender
Soumission

PWGSC Project Manager
Administrateur de projets / PSGC

project number
no. du projet

F6879-194003

drawing no.
no. du dessin

S01