

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

DESIGN CRITERIA:

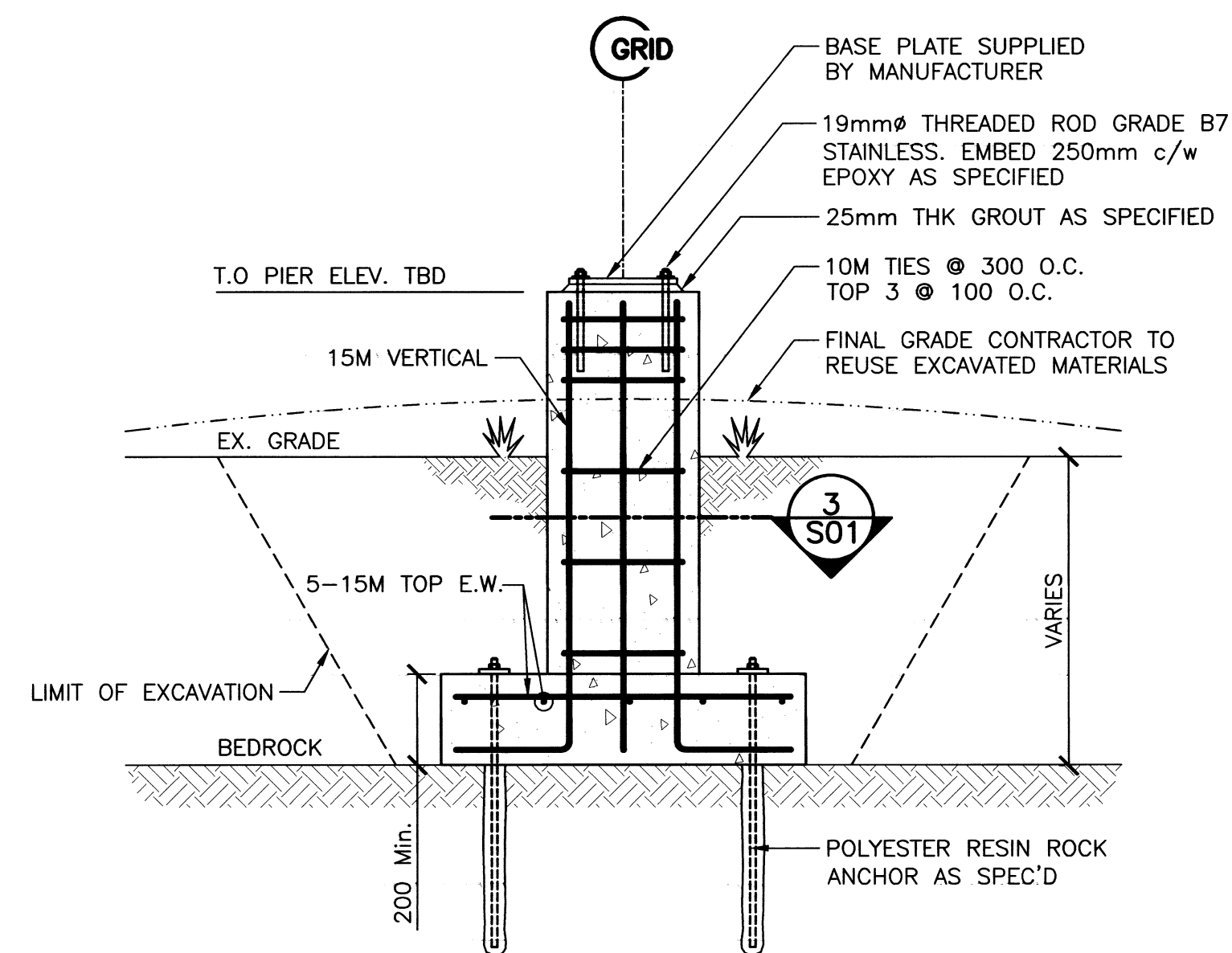
- STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH NBCC 2015.
- DESIGN WIND LOAD = 0.85kPa (1 IN 50 YEAR).

REINFORCED CONCRETE:

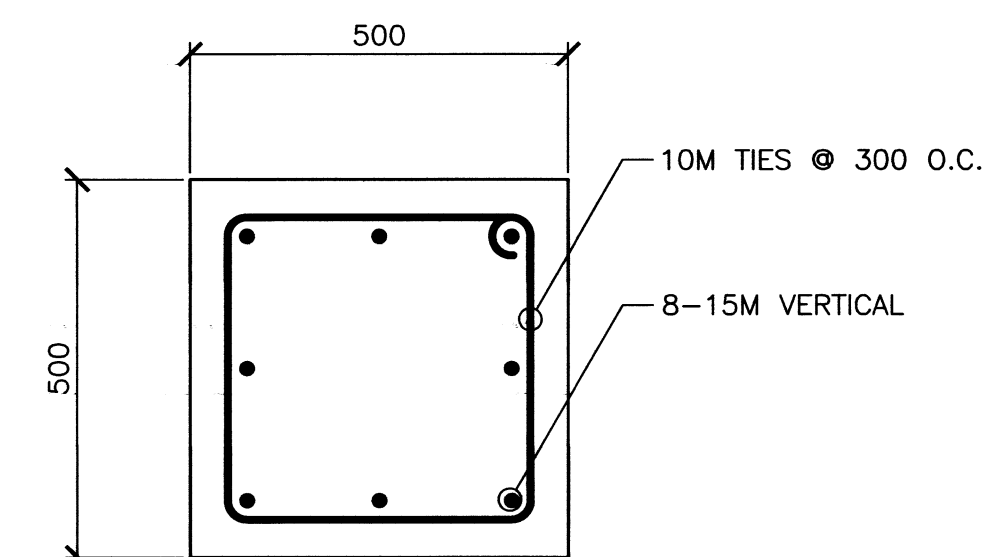
- ALL CONCRETE, CONCRETE MATERIALS, FORMS, WORKING PROCEDURES & THE LIKE SHALL CONFORM TO CSA A23.1, LATEST EDITION, UNLESS NOTED OTHERWISE.
- MINIMUM COMPRESSIVE STRENGTH OF CONCRETE AT 28 DAYS SHALL BE 25MPa & CLASS OF EXPOSURE SHALL BE F-2.
- CONCRETE PROTECTIVE COVER TO REINFORCING STEEL SHALL BE 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:

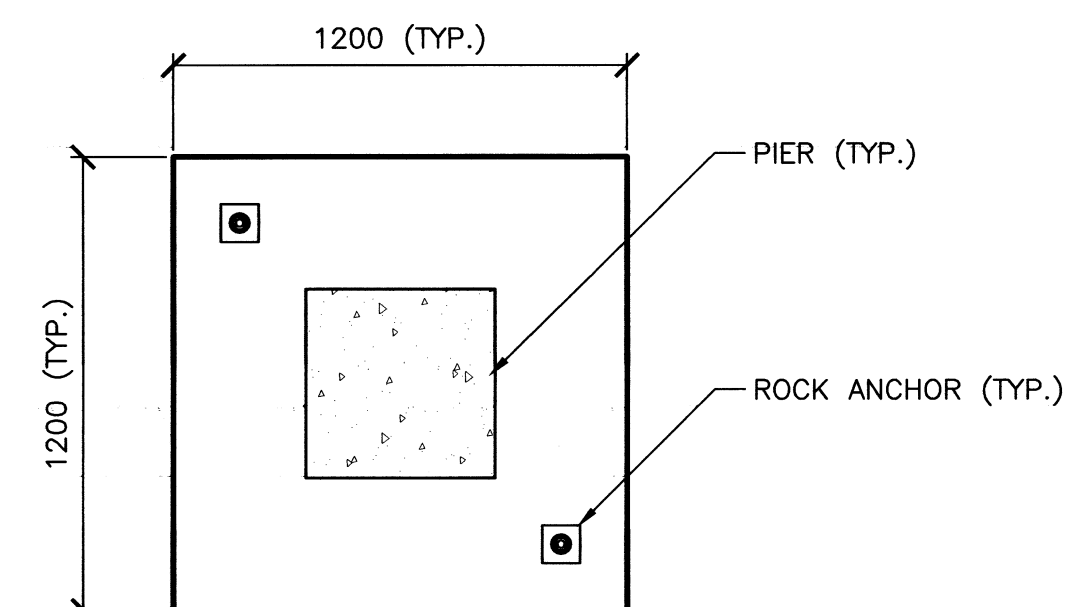
- ROCK ANCHOR TO BE 22mmØ GRADE 75 ALL THREAD BAR (GALV.) c/w TWO COMPONENT POLYESTER RESIN GROUT BY WILLIAMS FORM ENGINEERING CORP OR APPROVED EQUAL.
- ROCK ANCHORS TO BE EMBEDDED 600mm INTO SOUND BEDROCK.
- ROCK ANCHORS TO BE INSTALLED AS PER MANUFACTURERS RECOMMENDATIONS.
- ANCHOR HOLE IN BEDROCK 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.



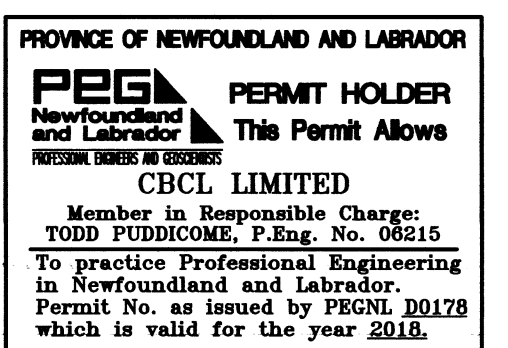
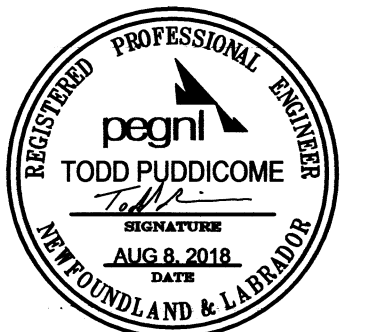
2 S01
SECTION – FOOTING ON BEDROCK
SCALE : 1:20
0mm 500mm 1000mm 1500mm 2000mm 2500mm



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



0	ISSUED FOR TENDER	AUG 8 2018
revisions		date

project PRE-FABRICATED BUILDING – ASSEMBLY AND CONSTRUCTION GREEN ISLAND (FB), NL

drawing TYPICAL FOUNDATION PLAN AND DETAILS

designed	TODD PUDDICOMBE	conçu
date	MARCH 2018	
drawn	BRAD CROCKER	dessiné
date	MARCH 2018	
approved		approuvé
date		
Tender	28 June 2019	Soumission
PWGSC Project Manager	Administrateur de projets FPSGC	
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