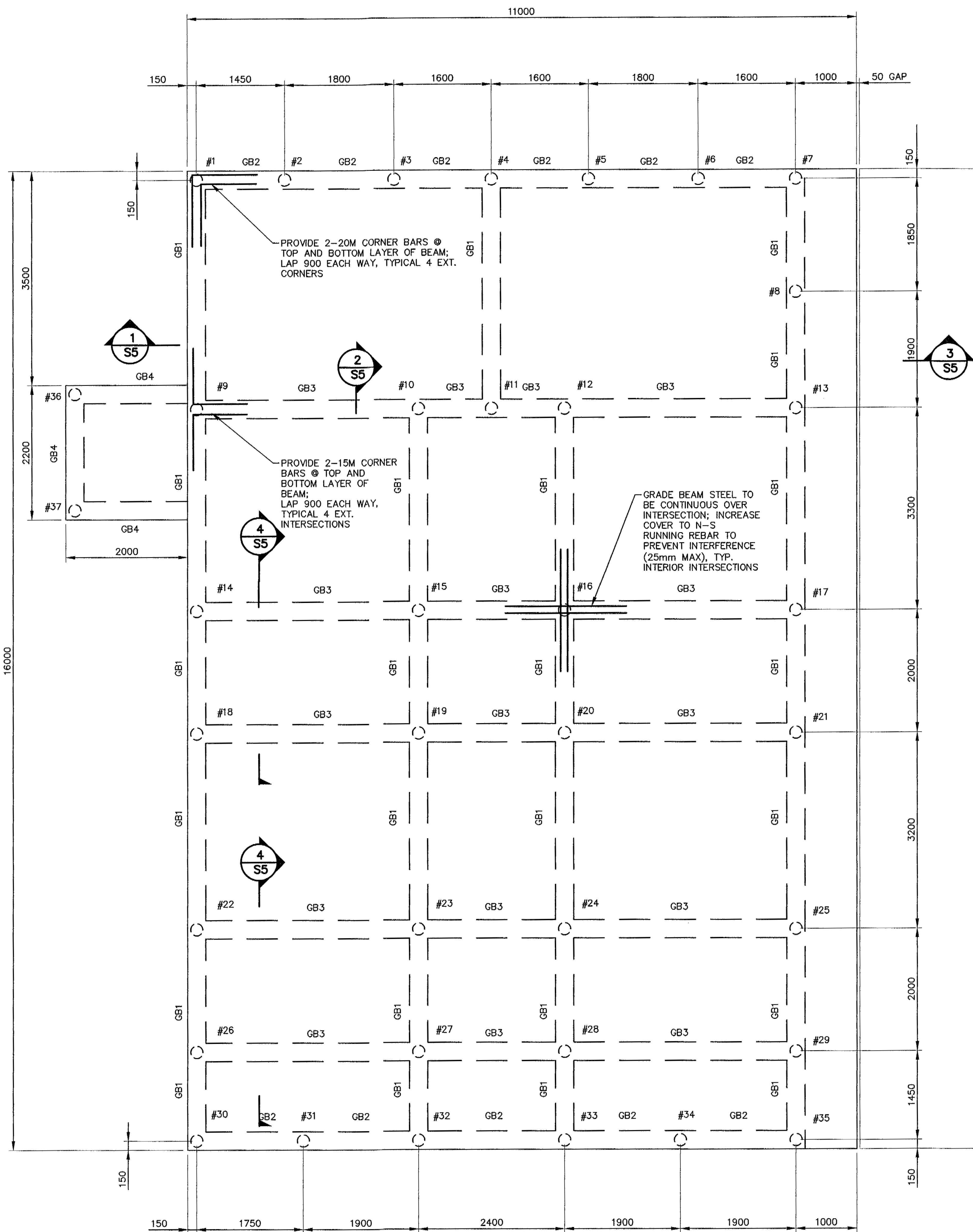




FOUNDATION PLAN  
SCALE 1:50

NOTE: DIMENSIONS SHOWN TO CENTRE LINE OF PILES

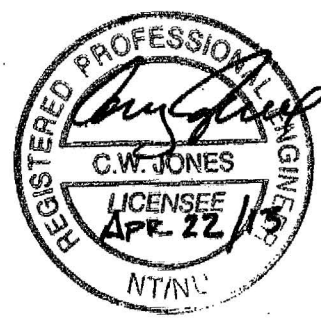
| GRADE BEAM SCHEDULE |       |       |             |                                |
|---------------------|-------|-------|-------------|--------------------------------|
| MARK                | WIDTH | DEPTH | REINFORCING | REMARKS                        |
| GB1                 | 300   | 900   | 4-15M T&B   | 10M STIRR. @ 300c/c + 2-15 HEF |
| GB2                 | 300   | 900   | 4-20M T&B   | 10M STIRR. @ 250c/c + 2-15 HEF |
| GB3                 | 300   | 900   | 4-20M T&B   | 10M STIRR. @ 250c/c + 2-15 HEF |
| GB4                 | 300   | 900   | 3-15M T&B   | 10M STIRR. @ 300c/c + 2-15 HEF |

| PILE SCHEDULE |               |           |           |                              |               |
|---------------|---------------|-----------|-----------|------------------------------|---------------|
| MARK          | SIZE          | LLuf (kN) | DLuf (kN) | MAX. FREESTANDING LENGTH (m) | REMARKS       |
| #1            | HSS 141 x 6.4 | 41.3      | 56.2      | 6m                           | CLASS H, 350W |
| #2            | HSS 141 x 6.4 | 87.9      | 63.0      | 6m                           | CLASS H, 350W |
| #3            | HSS 141 x 6.4 | 87.9      | 63.0      | 6m                           | CLASS H, 350W |
| #4            | HSS 141 x 6.4 | 82.7      | 70.8      | 6m                           | CLASS H, 350W |
| #5            | HSS 141 x 6.4 | 87.9      | 63.0      | 6m                           | CLASS H, 350W |
| #6            | HSS 141 x 6.4 | 87.9      | 63.0      | 6m                           | CLASS H, 350W |
| #7            | HSS 141 x 6.4 | 93.0      | 87.5      | 6m                           | CLASS H, 350W |
| #8            | HSS 141 x 6.4 | 29.5      | 54.9      | 6m                           | CLASS H, 350W |
| #9            | HSS 141 x 6.4 | 64.4      | 125.0     | 6m                           | CLASS H, 350W |
| #10           | HSS 141 x 6.4 | 77.6      | 106.4     | 6m                           | CLASS H, 350W |
| #11           | HSS 141 x 6.4 | 32.3      | 53.2      | 6m                           | CLASS H, 350W |
| #12           | HSS 141 x 6.4 | 77.6      | 106.4     | 6m                           | CLASS H, 350W |
| #13           | HSS 141 x 6.4 | 53.0      | 102.9     | 6m                           | CLASS H, 350W |
| #14           | HSS 141 x 6.4 | 61.4      | 69.8      | 6m                           | CLASS H, 350W |
| #15           | HSS 141 x 6.4 | 96.7      | 71.5      | 6m                           | CLASS H, 350W |
| #16           | HSS 141 x 6.4 | 96.7      | 71.5      | 6m                           | CLASS H, 350W |
| #17           | HSS 141 x 6.4 | 92.6      | 82.3      | 6m                           | CLASS H, 350W |
| #18           | HSS 141 x 6.4 | 61.4      | 69.8      | 6m                           | CLASS H, 350W |
| #19           | HSS 141 x 6.4 | 96.7      | 71.5      | 6m                           | CLASS H, 350W |
| #20           | HSS 141 x 6.4 | 96.7      | 71.5      | 6m                           | CLASS H, 350W |
| #21           | HSS 141 x 6.4 | 92.6      | 82.3      | 6m                           | CLASS H, 350W |
| #22           | HSS 141 x 6.4 | 61.4      | 69.8      | 6m                           | CLASS H, 350W |
| #23           | HSS 141 x 6.4 | 96.7      | 71.5      | 6m                           | CLASS H, 350W |
| #24           | HSS 141 x 6.4 | 96.7      | 71.5      | 6m                           | CLASS H, 350W |
| #25           | HSS 141 x 6.4 | 92.6      | 82.3      | 6m                           | CLASS H, 350W |
| #26           | HSS 141 x 6.4 | 42.5      | 26.0      | 6m                           | CLASS H, 350W |
| #27           | HSS 141 x 6.4 | 67.0      | 55.0      | 6m                           | CLASS H, 350W |
| #28           | HSS 141 x 6.4 | 67.0      | 55.0      | 6m                           | CLASS H, 350W |
| #29           | HSS 141 x 6.4 | 64.1      | 60.3      | 6m                           | CLASS H, 350W |
| #30           | HSS 141 x 6.4 | 40.0      | 36.4      | 6m                           | CLASS H, 350W |
| #31           | HSS 141 x 6.4 | 24.4      | 34.4      | 6m                           | CLASS H, 350W |
| #32           | HSS 141 x 6.4 | 90.5      | 58.3      | 6m                           | CLASS H, 350W |
| #33           | HSS 141 x 6.4 | 90.5      | 58.3      | 6m                           | CLASS H, 350W |
| #34           | HSS 141 x 6.4 | 24.4      | 34.4      | 6m                           | CLASS H, 350W |
| #35           | HSS 141 x 6.4 | 82.1      | 63.5      | 6m                           | CLASS H, 350W |
| #36           | HSS 141 x 6.4 | 21.3      | 61.1      | 6m                           | CLASS H, 350W |
| #37           | HSS 141 x 6.4 | 21.3      | 61.1      | 6m                           | CLASS H, 350W |

- This drawing is the exclusive property of Nuna Burnside and the reproduction of any part without prior written consent of this office is strictly prohibited.
- The contractor shall verify all dimensions, levels, and datum on site and report any discrepancies or omissions to this office prior to construction.
- This drawing is to be read and understood in conjunction with all other plans and documents applicable to this project.
- Do not scale the drawings.

| Issue / Revision                                             | Date          |
|--------------------------------------------------------------|---------------|
| 1 ISSUED FOR 66% SUBMISSION                                  | NOVEMBER 2012 |
| 2 ISSUED FOR 99 SUBMISSION                                   | JANUARY 2013  |
| 3 ISSUED FOR TENDER                                          | FEBRUARY 2013 |
| 4 REVISED AS PER ADDENDUM 1 TO 4 AND ISSUED FOR CONSTRUCTION | APRIL 2013    |

PERMIT TO PRACTICE  
Nuna Burnside Engineering and Environmental Ltd.  
Signature: *[Signature]*  
Date: *May 27/13*  
PERMIT NUMBER: P 535  
The Association of Professional Engineers,  
Geologists and Geophysicists of NWT/NU



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Client  
GOVERNMENT OF NUNAVUT  
COMMUNITY & GOVERNMENT  
SERVICES  
RANKIN INLET  
SEWAGE TREATMENT PLANT

Drawing Title  
FOUNDATION PLAN

Drawn By  
W. WHITEDUCK  
Scale  
1:50  
Checked By  
C. JONES  
Project No.  
300031281

Drawing No.  
S1