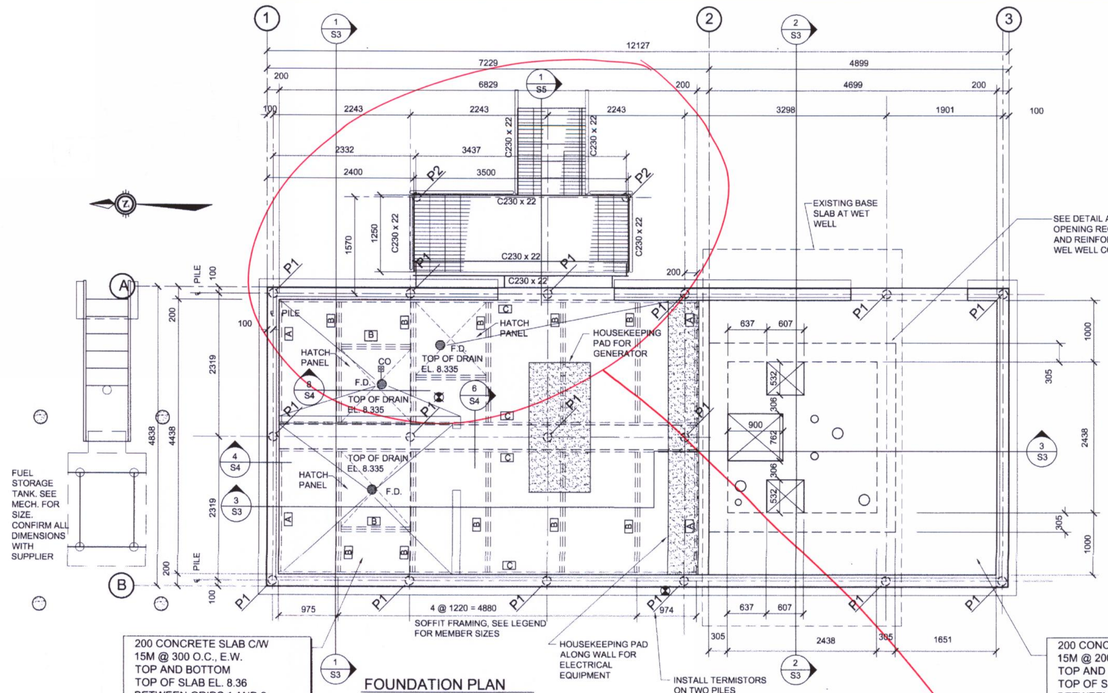


FOUNDATION PLAN

SCALE - 1 : 50

NOTE: SEE DETAIL 1/S2 FOR PILE DETAILS

SOFFIT FRAMING LEGEND
- A 38 X 140 P.T. NAILER
- B 2 - 38 X 140 P.T. JOISTS
- C 38 x 235 P.T. C/W JOIST HANGER

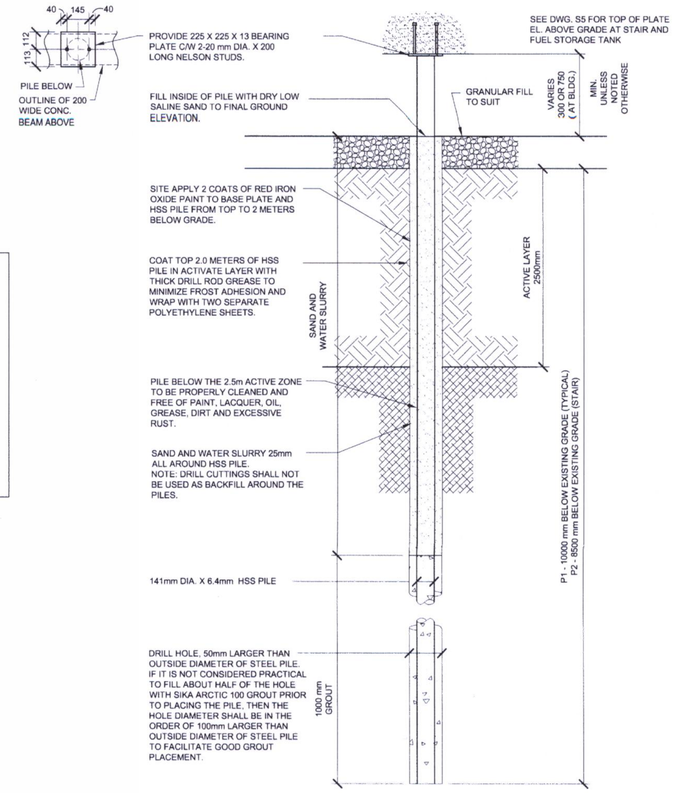
NOTES

STEEL REINFORCEMENT PLACEMENT BETWEEN GRIDS 1 & 2

T.U.L.
T.L.L.
B.U.L.
B.L.L.

STEEL REINFORCEMENT PLACEMENT BETWEEN GRIDS 2 & 3

T.U.L.
T.L.L.
B.U.L.
B.L.L.



TYPICAL ADFREEZE STEEL PILE P1 INSTALLATION

SCALE - 1 : 20

1 / S2

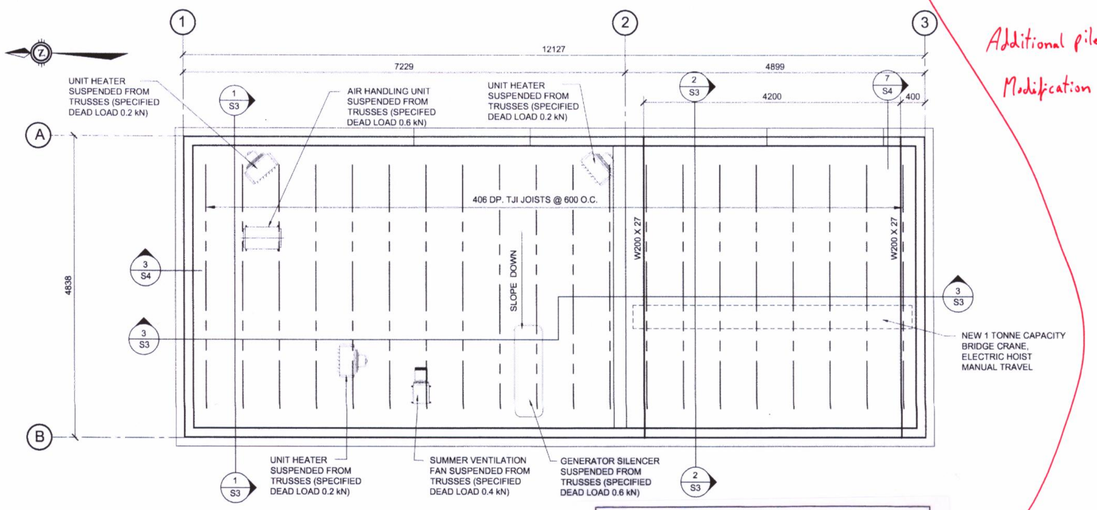
TYPICAL ADFREEZE STEEL PILE INSTALLATION AT BUILDING AND FUEL TANK.

DEPTH OF PILE BELOW FINAL GRADE (m)	AVERAGE ALLOWABLE ADFREEZE STRENGTH (kPa)
0 - 2.5	0
2.5 - 8.5 (MIN.)	25
> 8.5	30

EXAMPLE : FOR 141mm DIAMETER X 6.4mm HSS PILE WITH DEPTH OF PILE BELOW FINAL GRADE OF 10.0m THE ALLOWABLE LOAD ON PILE = 86 kN

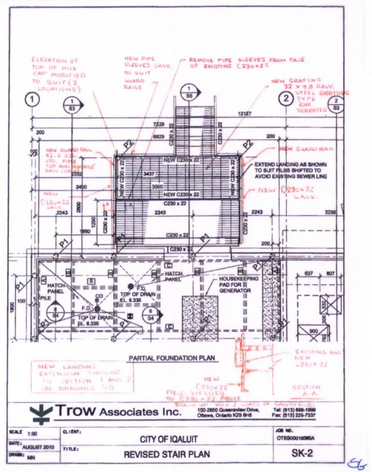
Additional pile at A-1

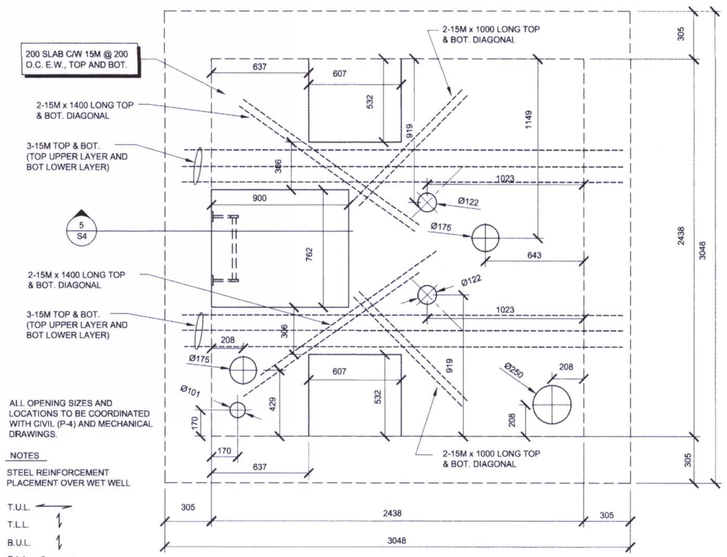
Modification to landing



ROOF FRAMING PLAN

SCALE - 1 : 50





WET WELL COVER DETAIL

SCALE - 1 : 20

A / S1 & S3

KEY PLAN

LEGEND

Kudlik Construction Ltd.
P.O. Box 727, 1319 Federal Road
Iqaluit (Nunavut) X0A 0H0
Tel.: (867) 979-1166
Fax: (867) 979-1169

Issue for As Built : 08-02-2012

NOTES: GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS WITH FINAL ARCHITECTURAL AND MECHANICAL DRAWINGS. NOTIFY THE ENGINEERS OF ANY ERRORS AND / OR OMISSIONS PRIOR TO CONSTRUCTION FOR DIRECTION. DO NOT SCALE THIS DRAWING.

No.	DESCRIPTION	DATE	BY	APP'D
2	ISSUED FOR CONSTRUCTION	10/05/2010	M.N.	K.A.B.
1	ISSUED FOR TENDER	15/06/2009	M.N.	K.A.B.
0	90% SUBMISSION	23/04/2009	M.N.	K.A.B.

R E V I S I O N S

REGISTERED PROFESSIONAL ENGINEER K.A. BAKER LICENSED N.W.T. 2010/05/

PERMIT TO PRACTICE
TROW ASSOCIATES INC.
Signature
Date May 10/2010
PERMIT NUMBER: P184
The Association of Professional Engineers, Geologists and Geophysicists of the NWT/NU

Trow Associates Inc.
154 Colonnade Road South
Ottawa, Ont. K2E 7J5
Tel:(613)225-9940
Fax:(613)225-7337

CLIENT
CITY OF IQALUIT

PROJECT
LIFT STATION NO. 2 MODIFICATIONS

TITLE
FOUNDATION PLAN, ROOF PLAN AND DETAILS

design by	K.A. BAKER	project no.	OTBS00019365A
drawn by	M. NUGENT	drawing no.	S2
checked by	K.A. BAKER		
date	03/03/2009		
scale	AS NOTED		