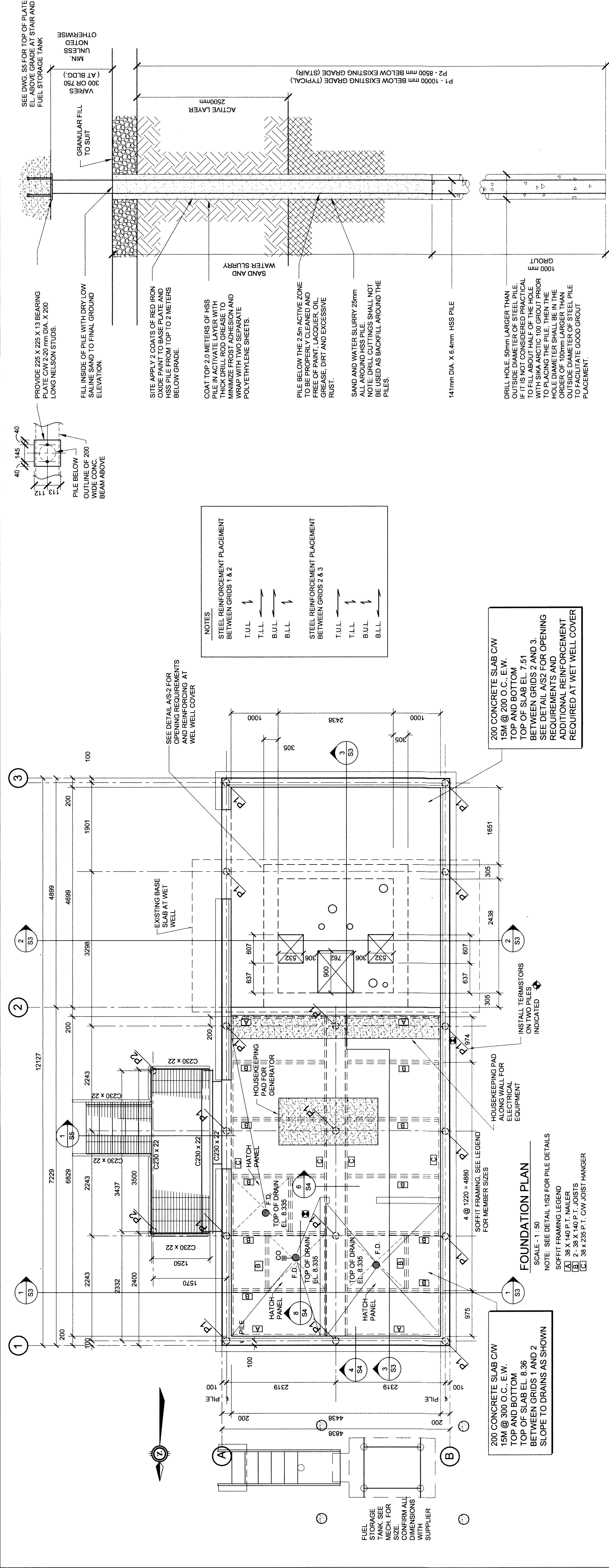




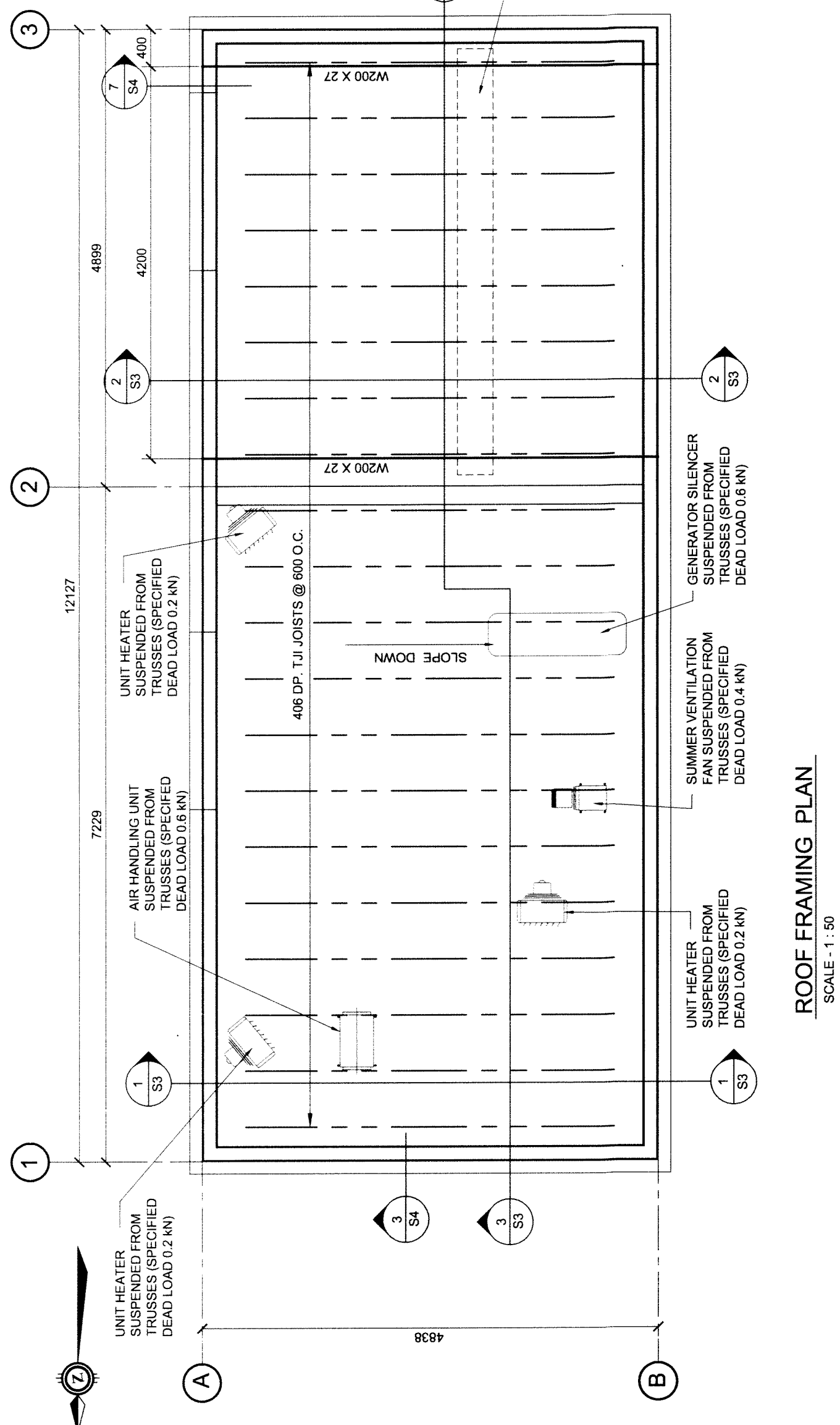
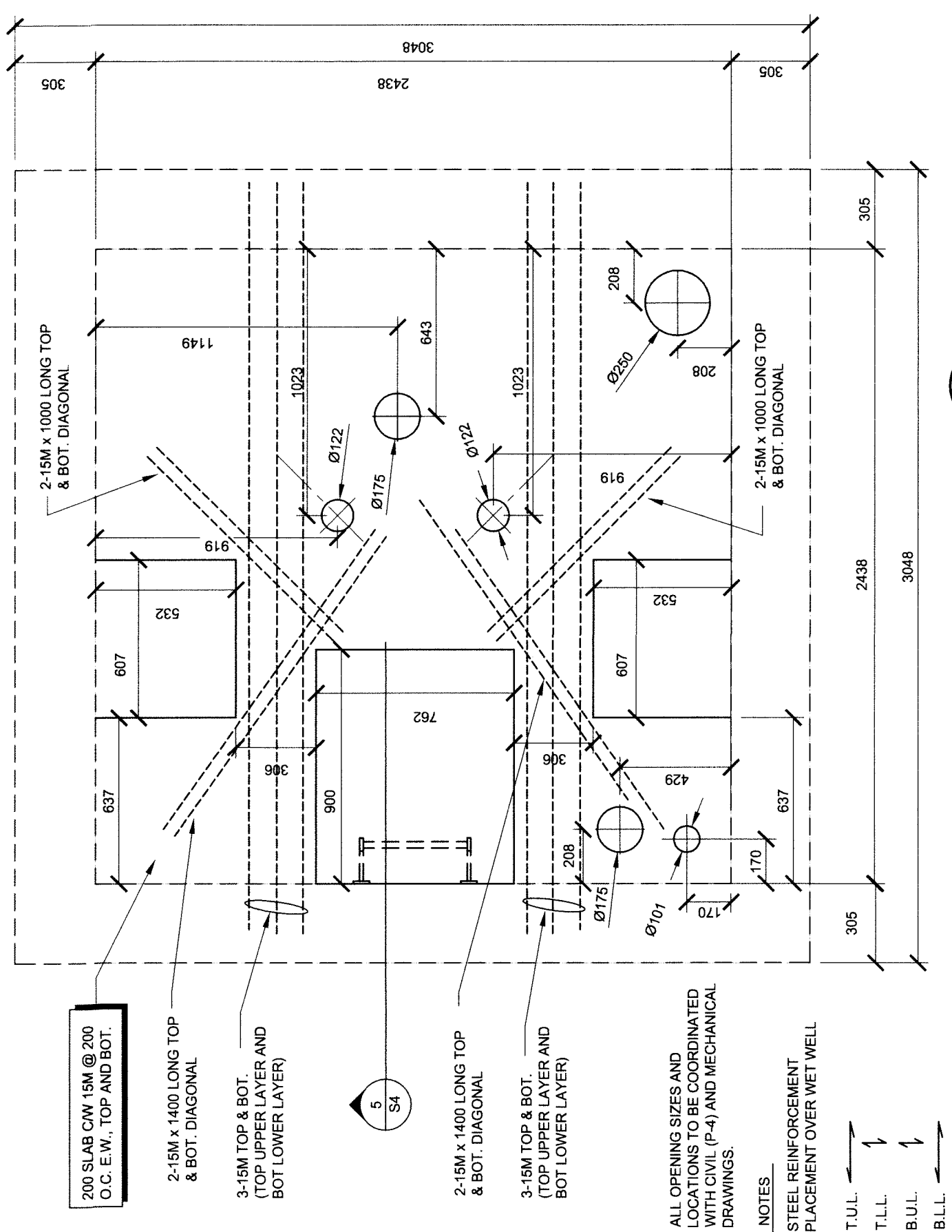
TYPICAL ADFREEZE STEEL PILE P1 INSTALLATION

SCALE - 1:20

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 14mm DIAMETER X 6.4mm HSS PILE WITH DEPTH OF PILE BELOW FINAL GRADE OF 10.0m THE ALLOWABLE LOAD ON PILE = 88 kN



1 S2

A S1 & S3

KEY PLAN

LEGEND

NOTES: GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS WITH FINAL ARCHITECTURAL AND MECHANICAL DRAWINGS. DIMENSIONS ARE GIVEN IN METERS AND MILLIMETERS. DIMENSIONS 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.	

REVISIONS

PERMIT TO PRACTICE
TROW ASSOCIATES INC.
Signatures: *[Signature]*
Date: *10/10/2010*
PERMIT NUMBER: P184
The Association of Professional Engineers, Geologists and Geophysicists of the NW/NU

Trow Associates Inc.
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Ottawa, Ont. K2E 7J5
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CITY OF IQUALUIT

LIFT STATION NO. 2 MODIFICATIONS

FOUNDATION PLAN, ROOF PLAN AND DETAILS

Drawn by	K.A. BAKER	Project No.	OTBS0001935A
Checked by	M. NUGENT	Drawing No.	
Date	03/03/2009		
Scale	AS NOTED		

S2