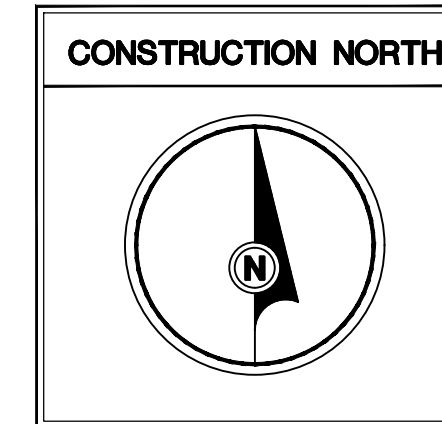


**FOUNDATION PLAN**  
 SCALE 1:100



**FOUNDATION NOTES**

1. FOR CONCRETE STRENGTH REFER TO GENERAL NOTES CHART #1
2. FOOTINGS TO BE FOUNDED ON UNDISTURBED SOIL WITH ALLOWABLE BEARING CAPACITY OF 150 KPa (SLS) / 200 KPa (ULS).
3. TOP OF PIER / FOOTING TO BE 400 mm BELOW FIN FLOOR U/N.
4. MINIMUM HEIGHT OF PIERS TO BE 400 mm.
5. FOOTINGS TO BE CENTERED ON GRID LINES U/N
6. PIER TIES TO BE SQUARE OR RECTANGULAR
7. VERTICAL IN PIERS SAME SIZE AND NUMBER AS FOOTING DOWELS
8. ALL EXTERIOR FOOTINGS OR FOOTINGS IN UNHEATED AREAS SHOULD BE LOCATED NOT LESS THAN 1200 mm BELOW FINISHED GRADE FOR ADEQUATE FROST PROTECTION
9. PRIOR TO DEMOLITION / EXCAVATION, CONTRACTOR TO VERIFY ALL UNDERGROUND SERVICES AND ADVISE ENGINEER AND ARCHITECT OF ANY INTERFERENCES.
10. CONTRACTOR TO INTERPOLATE FOR ALL FOOTING FOUNDING ELEVATIONS BASED ON BOREHOLES INDICATED ON PLAN. SEE GENERAL NOTES.

**FOUNDATION SCHEDULE**

SPREAD FOOTING 150 KPa (SLS)			
No.	Size LxWxT (mm)	Mat Bars	Dwls
F1	1000x1000x500 DP.	5-15M B.E.W.	MATCH PIER
F2	1200x1200x500 DP.	6-15M B.E.W.	MATCH PIER
F3	1500x1500x500 DP.	8-15M B.E.W.	MATCH PIER
F4	1650x1650x500 DP.	9-15M B.E.W.	MATCH PIER
F5	1800x1800x600 DP.	12-15M T&B.E.W.	MATCH PIER
F6	2000x2000x600 DP.	12-15M T&B.E.W.	MATCH PIER
F7	1000x2000x600 DP.	12-15M SHORT BAR BOT. 5-15M LONG BAR BOT.	MATCH PIER

**PIER SCHEDULE**

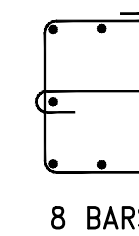
No.	Size	Vertical	Ties
P1	600x600	8-20M	10M @ 250 O.C.
P2	650x650	8-20M	10M @ 250 O.C.

**FOUNDING ELEVATIONS**

BH-# DENOTES APPROXIMATE BOREHOLE LOCATIONS AS PER GEOTECHNICAL REPORT E14-06027 PREPARED BY STRUCTURAL INSPECTION LIMITED DATED JULY 16, 2014. FOUNDING ELEVATIONS NOTED IN THE TABLE BELOW ARE BASED ON THE RECOMMENDATIONS AND INFORMATION'S PROVIDED IN THE SOIL REPORT.

EXPECTED FOUNDING ELEVATIONS FOR 125 KPa (SLS) SOIL BEARING PRESSURE

BOREHOLE No.:	ELEVATIONS:
BH-1	±268.0
BH-2	±268.0



REV	DESCRIPTION	DATE	BY
		07.28.15	ES

THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND REPORT ALL ERRORS AND OMISSIONS TO THE ENGINEER. ALL DRAWINGS, SPECIFICATIONS AND RELATED DOCUMENTS ARE THE COPYRIGHT PROPERTY OF DORLAN ENGINEERING CONSULTANTS INC. AND MAY NOT BE REPRODUCED WITHOUT WRITTEN PERMISSION OF DORLAN ENGINEERING CONSULTANTS INC. DRAWINGS SHALL NOT BE SCALED AND THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION PURPOSES UNLESS ISSUED FOR CONSTRUCTION AND SEALED BY DORLAN ENGINEERING CONSULTANTS INC.



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DRAWING CONTENT:  
**FOUNDATION PLAN**

DATE	JUNE, 2015
DRAWN BY	ES
CHECKED BY	DM
SCALE	1:100 U/N
PROJECT No.	D15067
DRAWING No.	<b>S10</b>