

1. GENERAL
1.1 THE PROJECT HAS BEEN

- | | STRENGTH AT 28 DAYS (MPa) | SUMP AT DELIVERY (mm) | AIR ENTRAINMENT | MAXIMUM W/C RATIO | EXPOSURE CLASSIFICATION |
|---|---------------------------|-----------------------|-----------------|-------------------|-------------------------|
| GENERAL (NOT EXPOSED) | 35 | | | | |
| CONCRETE INTERIOR WALLS | 30 | | | | |
| WALLS, COLUMNS, BEAMS | 30 | Ø x 20 | | TO SLUT | |
| AND FOUNDATIONS (SEE PLANS & SCHEDULE FOR STRENGTH) | 45 | | | | |
| EXTERIOR (EXPOSED) | 25 | | | | |
| CONCRETE WALLS AND OR COLUMNS, EXCEPT PARAPETS, STRUCTURE | 30 | Ø x 20 | 4 - 7% | 0.55 | F-2 |
| | 40 | | | | |
| 01 | | | | | |

- | |
|---|
| 1) REINFORCED WITH SYNTHETIC FIBRES ADDED AT BATHING PLANT - SEE SPECIFICATION. |
| 2) CHLORIDE ION PENETRABILITY REQUIREMENTS < 1500 COULOMBS WITHIN 56 DAYS. |

CAISSON SCHEDULE							
CAISSON NUMBER	CAISSON DIA.	UPPER SHAFT		REMAINING STIRRUPS	EMBEDMENT INTO SOUND BEDROCK, m	CONCRETE STRENGTH	LOAD ULS kN
		REINFORCEMENT	STIRRUPS ZONE				
C1	915Ø	11-20 V + 10@150 TIES	2750	10@300	2.0	25MPa	3700
C2	915Ø	16-25 V + 10@150 TIES	2750	10@200	4.0	35MPa	7400

FOOTING SCHEDULE				
FOOTING NUMBER	FOOTING NUMBER AND SIZE	FOOTING REIN. LG. (HOOKED EE)	FOOTING REIN. TR. (HOOKED EE)	LOAD UN KLS
F1	1000x110x500 DP.	10.20B	11.20B	4400
F2	1300x1400x800 DP.	13.20B	14.20B	7300
F3	1600x1700x1100 DP.	12.25S	13.25S	10900
F4	1900x2100x1400 DP.	19.25S	21.25S	16000
F5	900x1300x500 DP.	9.20B	13.20B	4700

CAISSON CAP SCHEDULE			
CAP NUMBER	CAP SIZE	CAP REINFORCEMENT	CONCRETE STRENGTH
CP1	1300x1300x700	6-20M BEW/	35MPa





1. TOP OF SLAB VARIES IN PARKING LEVEL
ARCHITECTURAL COMPLIANCE

- [illegible]

THE APPLICANT IN THE BUILDING SHALL BE PROVIDED OF THE UNOCCUPIED FOR ALL OCCUPANCY

- CONTAMINATED MATERIAL AND RUBBLE AND TO A MINIMUM OF 300mm (12") BELOW THE UNDERSIDE OF THE SLAB ON GRADE.
- THE EXPOSURE GRAD SHALL BE EXAMINED AND APPROVED BY THE SOIL CONSULTANT.
- THE ENTIRE AREA OF THE PROJECT LOT WITHIN A HEAVY CONCRETE TO A MINIMUM OF 50% STANDARD PENETRATION SHALL BE EXAMINED AND APPROVED BY THE SOIL CONSULTANT.
- ANY ROCKS OR SOFT SOFTS DISCOVERED SHALL BE SOIL EXCAVATED AND BACKFILLED WITH COMPACTED APPROVED MATERIAL.
- THE EXISTING GRADE SURFACES SHALL BE EXAMINED AND APPROVED BY GRADE TYPE 1 OR TYPE 2 OF 055-300-30 PLACED TO THE GROUND (SEE 300mm(12") LAYERS EACH) COMPACTED TO AT LEAST 95% OF ITS RESPECTIVE MAXIMUM DRY DENSITY.
- THE LAYER IMMEDIATELY BELOW THE SLAB-ON-GRADE SHALL BE 300mm(12") OF CONCRETE OR COMPACTED TO 95% STANDARD PROCTOR MAX. DRY DENSITY.
- ALL UTILITIES, EQUIPMENT AND MATERIALS SHALL BE APPROVED BY THE SOIL CONSULTANT AND SHALL BE REMOVED FROM THE SITE PRIOR TO THE START OF MATERIALS PLACEMENT. ALL UTILITIES ARE UNDER THE CONTRACTOR SHALL CO-ORDINATE WITH THE SOIL CONSULTANT AND ARRANGE A SUFFICIENT PROGRAM OF PROTECTION OF ALL UTILITIES.
- THE EXISTING ON SITE MATERIAL SHALL NOT BE USED IN THE PREPARATION OF AREAS FOR BACKFILLING IN TRENCES AGAINST FOUNDATION WALLS OR FILL ON GRADE SURFACES.
- THE EXISTING ON SITE MATERIAL SHALL NOT BE USED IN THE PREPARATION OF AREAS OUTSIDE THE BUILDING.

[illegible]

- | | |
|---|---|
|  | WALLS AND COLUMN SHADED AS THUS INDICATE WALL AND COLUMN BELOW SLAB |
|  | WALLS AND COLUMN SHADED AS THUS INDICATE WALL AND COLUMN ABOVE SLAB |
|  | • INDICATES COLUMN NUMBER OF BELOW SLAB REFER TO COLUMN SCHEDULE |
|  | • INDICATES COLUMN NUMBER OF ABOVE SLAB REFER TO COLUMN SCHEDULE |




4	BUILDING PERMIT RESUBMISSION	SEPT. 21, 2011
3	BUILDING PERMIT RESUBMISSION	JULY 22, 2011
2	BUILDING PERMIT SUBMISSION	JUNE 12, 2011
1	ISSUED FOR WT REVIEW	MAY 01, 2011
No	Issued For	Date

Drawing T

FOUNDATION PLAN

	As indicated	Sc
		Drawn


20140031
SEPT.21.2015

S1-01