

DECLARATION OF GEO-TECHNICAL ENGINEER
 IT IS CERTIFIED THAT THE COMPREHENSIVE GEO INVESTIGATION HAS BEEN PREPARED BY ME FOR DESIGN & CALCULATION OF THE FOUNDATION BY ANALYZING THE SOIL SAMPLE FOR ESTIMATING THE BEARING CAPACITY OF THE SOIL ON WHICH FOUNDATION OF THE STRUCTURE WILL BE CONSTRUCTED.

Tishaban Khan
TISHABAN KHAN
 M.E. (Structure)
 P-22, Purba Palay, Kolkata-34
 Empowered Geotechnical Engineer of K.M.C., No.-G.T./1/7

SIGNATURE OF GEO-TECHNICAL ENGINEER

CERTIFICATE OF ARCHITECTS.
 I/WE DO HEREBY CERTIFY THAT PLANS, ELEVATIONS AND SECTIONS AND OTHER STRUCTURAL DETAILS OF THE PROPOSED BUILDING AT GS OR R.S. DAG NO. 833(P) & 837, CORRESPONDING L.R. DAG NO- 2219(P) & 2218, KHATA NO. C/10 AT MOUZA UDAYRAJPUR AND J.L. NO. 43, IN WARD NO.12 AND HOLDING NO. 31 WITH STREET/ROAD JESSORE ROAD P.S BARASAT DIST. NORTH 24 PARGANAS UNDER MADHYAMGRAM MUNICIPALITY HAVE BEEN PREPARED IN CONFORMITY WITH ALL RELEVANT PROVISIONS UNDER THE WEST BENGAL MUNICIPAL BUILDING RULES, 2007. THIS ALSO TO CERTIFY THAT ALL RELEVANT "NO OBJECTION" CERTIFICATES FROM THE RESPECTIVE AUTHORITIES SUCH AS FIRE & EMERGENCY SERVICE DEPARTMENT, AIRPORT AUTHORITY, POLLUTION CONTROL BOARD, TELECOMMUNICATION DEPARTMENT ETC AS APPLICABLE IN THIS REGARD ARE ALSO ENCLOSED WITH THIS APPLICATION FOR SEEKING APPROVAL OF THE PLAN TO CONSTRUCT/RECONSTRUCT/ADDITION TO ALTERATION OF THE BUILDING ON THE SAID PLOT.

V. Chadda
V. Chadda
 Architect
 Council of Architecture
 Regn. No. - CA/RR/11784

SIGNATURE OF ARCHITECTS.

CERTIFICATE OF STRUCTURAL ENGINEER.
 CERTIFIED THAT THE PLAN HAS BEEN DESIGNED AND DRAWN STRICTLY ACCORDING TO THE BUILDING RULES FOR MADHYAMGRAM MUNICIPALITY. I HAVE GONE THROUGH THE BUILDING RULES FOR MADHYAMGRAM MUNICIPALITY AND ALSO ASSESS OF THOSE RULES DURING AND AFTER CONSTRUCTION OF THE BUILDING.

C.P. Khanna
Structural Reviewer
CHANDI PRASAD KHANRA
 BE (Civil), ME (Struct), MTE (India)
 ESE - I/2

Sumita Dey
SUMITA DEY
 M.C.E., M.I.E., C.E.
 ESE/1/93

SIGNATURE OF STRUCTURAL ENGINEER.

CERTIFIED THAT I SHALL NOT ON A LATER DATE MAKE ANY ADDITION OR ALTERATION TO THIS PLAN.
 CERTIFIED THAT I HAVE GONE THROUGH THE BUILDING RULES FOR MADHYAMGRAM MUNICIPALITY AND ALSO ASSESS OF THOSE RULES DURING AND AFTER CONSTRUCTION OF THE BUILDING.

1. RISHI TRADECOM PRIVATE LIMITED
2. ASAL DEALCOM PRIVATE LIMITED
3. ATITHI TRADECOM PRIVATE LIMITED
4. NIKHIL VINIMAY PRIVATE LIMITED
5. ORANGESKY DEALERS PRIVATE LIMITED
6. POWERFUL TRADECOM PRIVATE LIMITED
7. ACTUAL COMMODOAL PRIVATE LIMITED
8. LIFEMAKE REAL ESTATES PRIVATE LIMITED
9. NIRMALKUNJ DEALCOM PRIVATE LIMITED
10. LOOKLIKE DEALCOM PRIVATE LIMITED

Dwijraj Bhattacharya
Dwijraj Bhattacharya
 AUTHORIZED SIGNATORY

SIGNATURE OF OWNER.
 PROJECT PROPOSED B+G+XII STORED RESIDENTIAL BUILDING PLAN OF RISHINOX BUILDWELL LLP, NIKHIL VINIMAY PRIVATE LIMITED & OTHERS IN C.S OR R.S. DAG NO. 833(P) & 837, CORRESPONDING L.R. DAG NO- 2219(P) & 2218 AT MOUZA UDAYRAJPUR AND J.L. NO. 43, IN WARD NO. 12 AND HOLDING NO. 31 WITH STREET/ROAD JESSORE ROAD P.S BARASAT DIST. NORTH 24 PARGANAS UNDER MADHYAMGRAM MUNICIPALITY

ARCHITECT: CONSULTING ARCHITECT THE DESIGN CELL 2A, COOPER STREET, KOLKATA - 700 026

STRUCTURAL, ELECTROMECHANICAL CONSULTANTS:
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CORPORATION DRAWING

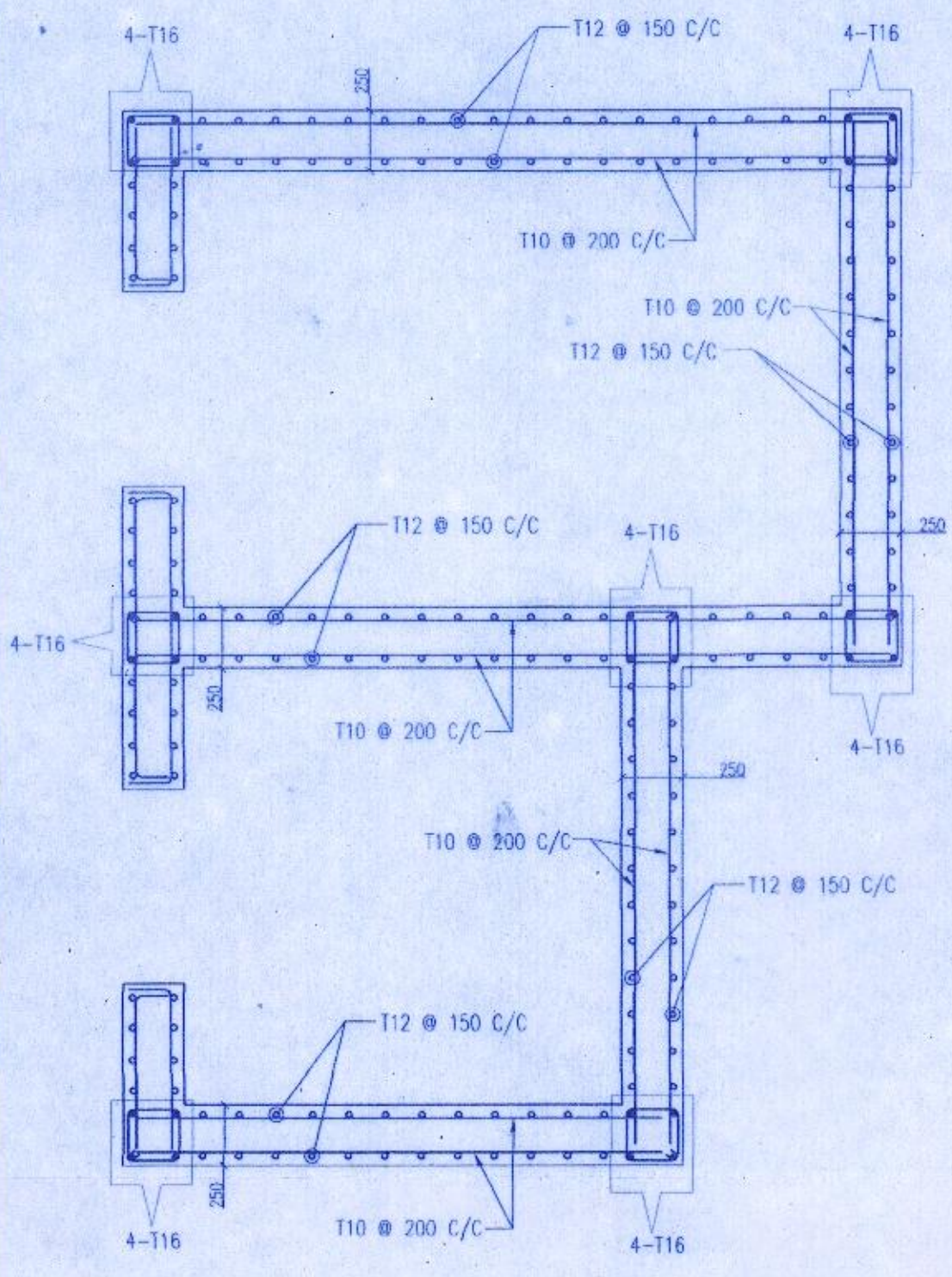
DRAWING TITLE:
 RAFT FOUNDATION, COLUMN SCHEDULE, FLOOR BEAM LAYOUT & R.C DETAILS.

PREPARED BY: SHANTANI
DESIGN BY: DEBASIS
COORD BY: SUMITA DEY
DATE: 27.07.2018
CHECKED BY: SUMITA DEY

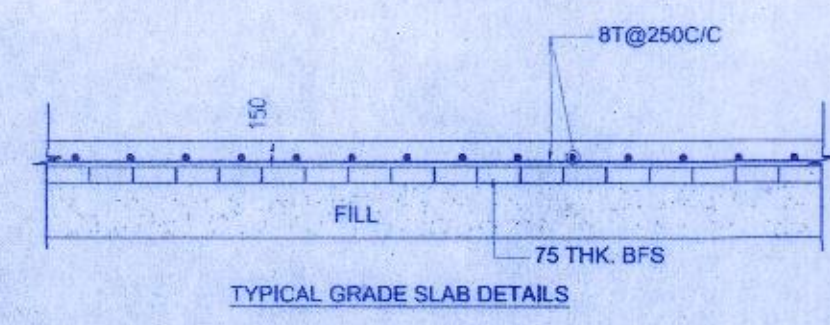
BEAM SCHEDULE GRADE OF CONCRETE - M25											
BEAM MKD.	BEAM SIZE	REINFT. AT LEFT SUPPT.		REINFT. AT SPAN		REINFT. AT RIGHT SUPPT.		STIRRUPS AT SUPPT.	STIRRUPS AT SPAN		
		WIDE	DEPTH	TOP	BOTTOM	TOP	BOTTOM				
B1	200	600	2-T20+2-T16	2-T16	2-T16	2-T20+2-T16	2-T20+2-T16	2-T16	8T@125C/C	8T@150C/C	
B2	200	600	3-T16+2-T16	2-T16	2-T16	2-T16+2-T16	3-T16+2-T16	2-T16	8T@125C/C	8T@150C/C	
B3	200	600	3-T20+2-T16	1-T20+2-T16	1-T20+2-T16	3-T20+2-T16	3-T20+2-T16	1-T20+2-T16	8T@100C/C	8T@150C/C	
B4	200	600	3-T20+3-T16	3-T16	3-T16	2-T20+3-T16	2-T20+3-T16	3-T16	8T@125C/C	8T@150C/C	
B5	200	600	3-T20+3-T16	3-T16	3-T16	3-T20+3-T16	3-T20+3-T16	3-T16	8T@125C/C	8T@150C/C	
B6	200	600	4-T20	2-T20	2-T20	4-T20	4-T20	2-T20	8T@125C/C	8T@150C/C	
B7	200	600	3-T20+2-T16	2-T16	2-T16	3-T20+2-T16	3-T20+2-T16	2-T16	8T@125C/C	8T@150C/C	
B8	500	250	6-T16	3-T16	3-T16	6-T16	6-T16	3-T16	8T@150C/C	8T@150C/C	
BC1	200	600	3-T16	3-T16	3-T16	3-T16	3-T16	3-T16	8T@150C/C	8T@150C/C	
BC2	200	450	2-T16+1-T20	2-T16	2-T16	2-T16+1-T20	2-T16+1-T20	2-T16	8T@150C/C	8T@150C/C	
B10	200	450	1-T20+3-T16	3-T16	3-T16	1-T20+3-T16	1-T20+3-T16	3-T16	8T@150C/C	8T@150C/C	
B11	200	450	3-T16+2-T12	1-T16+2-T12	1-T16+2-T12	3-T16+2-T12	3-T16+2-T12	1-T16+2-T12	8T@100C/C	8T@100C/C	
B12	125	450	2-T12	2-T12	2-T12	2-T12	2-T12	2-T12	8T@150C/C	8T@150C/C	
B13	200	450	3-T12	3-T16	3-T12	3-T16	3-T12	3-T16	8T@150C/C	8T@200C/C	
RKB	200	600	6-T20	3-T20	3-T20	6-T20	6-T20	3-T20	8T@100C/C	8T@125C/C	
FRB1	200	600	3-T20	3-T20	3-T20	3-T20	3-T20	3-T20	8T@100C/C	8T@250C/C	
FRB2	200	900	6-T25	3-T20	6-T25	3-T20	6-T25	3-T20	8T@100C/C	8T@100C/C	

COLUMN SCHEDULE (M30)														
8TH FLOOR TO ROOF LV.	16T12	16T12	16T12	16T12	24-T12	26T12	20T12	22T16	22T12	26-T12	22-T12	30T12	34T12	34T12
8TH FLOOR TO 8TH FLOOR	16T12	16T12	16T12	16T12	24-T12	26T12	12T16+8T12	22T12	22T12	8T16+8T12	22-T12	30T12	34T12	34T12
2ND FLOOR TO 8TH FLOOR	8T20+8T12	16T12	8-T16+8-T12	16T12	16T16+8T12	26T12	12T20+8T16	12T20+10T16	12T16+10T12	8T20+8T16+10T12	8T20+14T12	16T16+14T12	16T16+16T12	34T12
2ND FLOOR TO FOUNDATION	16T20	16T12	16-T16	8-T16+8-T12	4T20+20T16	26T12	20T20	22T20	22T16	16T20+10T12	18T20+4T12	30T16	34T16	34T12
COL. SIZE	200X800	200X800	200X800	200X900	200X1000	350X1000	200X1125	230X1250	200X1250	200X1350	200X1350	200X1900	200X2750	200X2760
LINK	AS PER TYPICAL BEAM													
COL. MARKED	C1,C2,C3,C4	C5,C6	C7,C8	C9	C10,C11	C12	C13	C14,C15	C16	C17	C18	C19	C20	C21

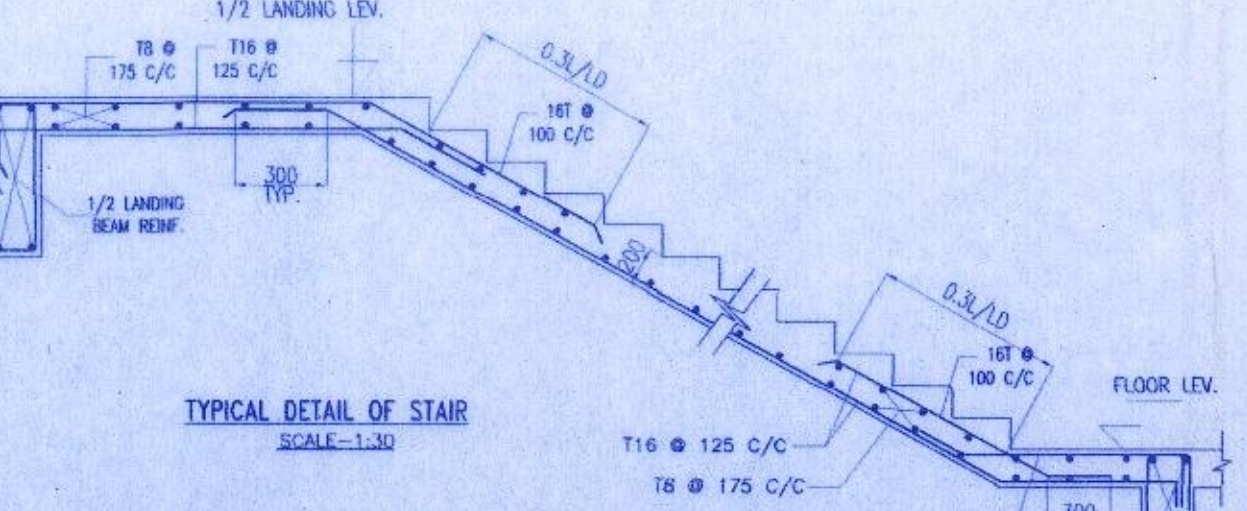
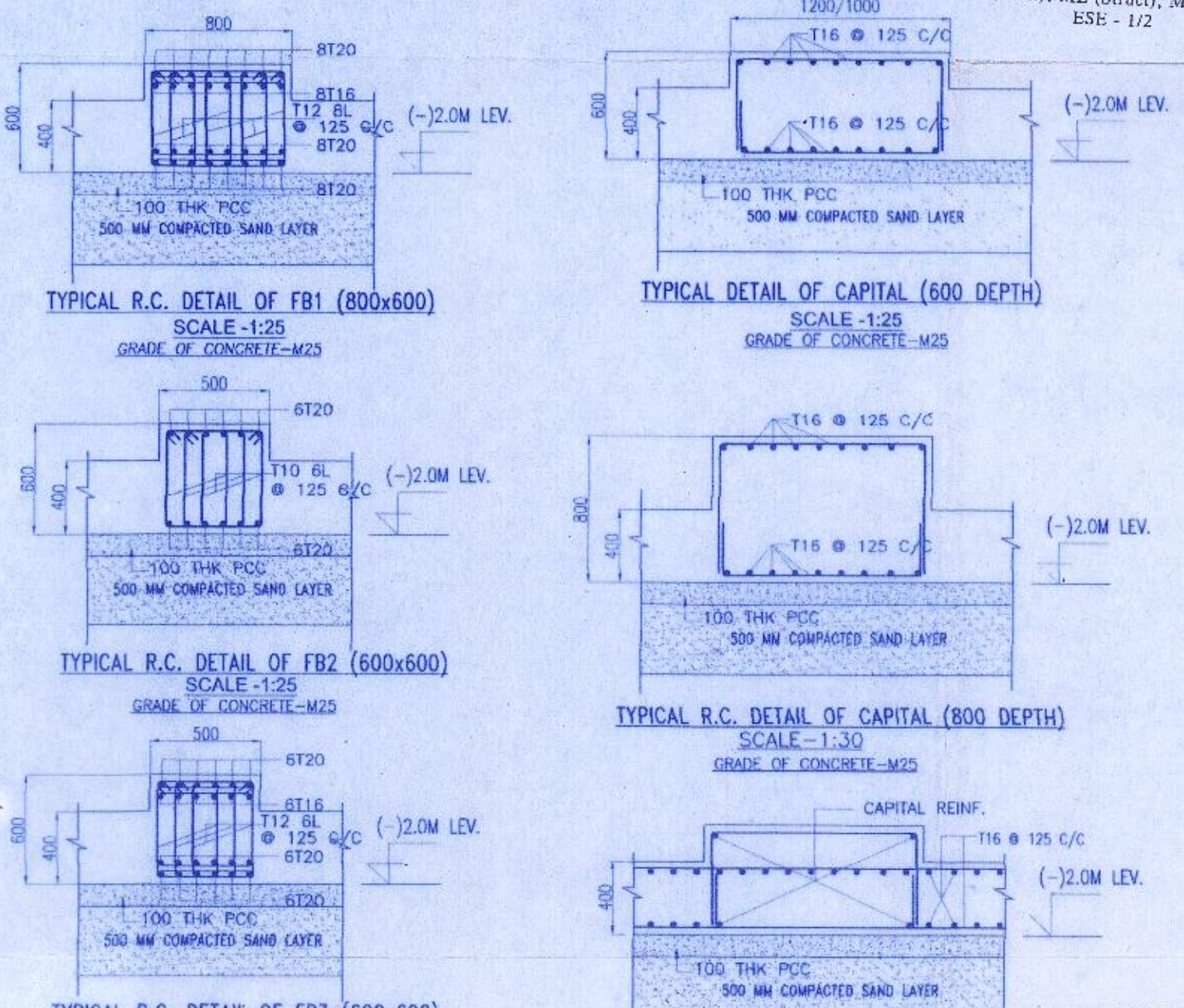
SLAB SCHEDULE M25						
SLAB MKD	SLAB THICKNESS	SHORTER DIR.		LONGER DIR.		DISTRIBUTION
		SUPPT. (TOP)	SPAN (BOT.)	SUPPT. (TOP)	SPAN (BOT.)	
S1	150	T12 @ 125 C/C	T12 @ 125 C/C	T12 @ 150 C/C	T12 @ 150 C/C	T8 @ 300 C/C
S2	125	T10 @ 150 C/C	T10 @ 150 C/C	T10 @ 150 C/C	T10 @ 150 C/C	T8 @ 300 C/C
S3	150	T10 @ 125 C/C	T10 @ 125 C/C	T8 @ 150 C/C	T8 @ 150 C/C	T8 @ 300 C/C
S4	150	T10 @ 150 C/C	T10 @ 150 C/C	T8 @ 175 C/C	T8 @ 175 C/C	T8 @ 300 C/C
S5	125	T8 @ 150 C/C	T8 @ 150 C/C	T8 @ 150 C/C	T8 @ 150 C/C	T8 @ 300 C/C
S6	125	T8 @ 150 C/C	T8 @ 150 C/C	T8 @ 200 C/C	T8 @ 200 C/C	T8 @ 300 C/C
S7	125	T8 @ 200 C/C	T8 @ 200 C/C	T8 @ 200 C/C	T8 @ 200 C/C	T8 @ 300 C/C



TYP. DETAIL OF LIFT SCALE-1:25 GRADE OF CONCRETE-M30



TYPICAL GRADE SLAB DETAILS



TYPICAL DETAIL OF STAIR SCALE-1:30



North 24 Pgs.