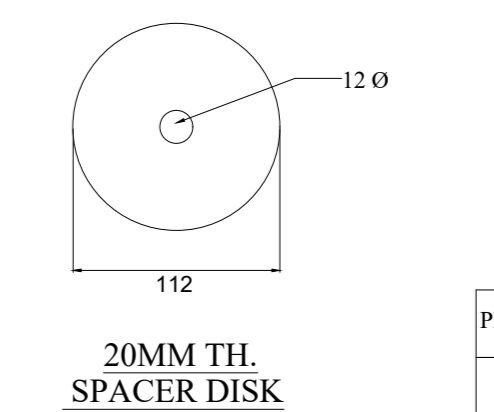
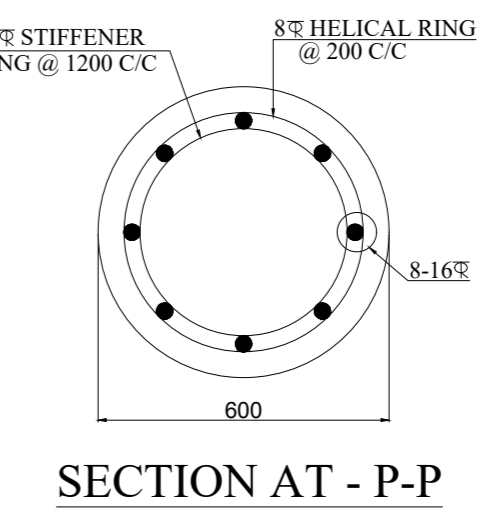
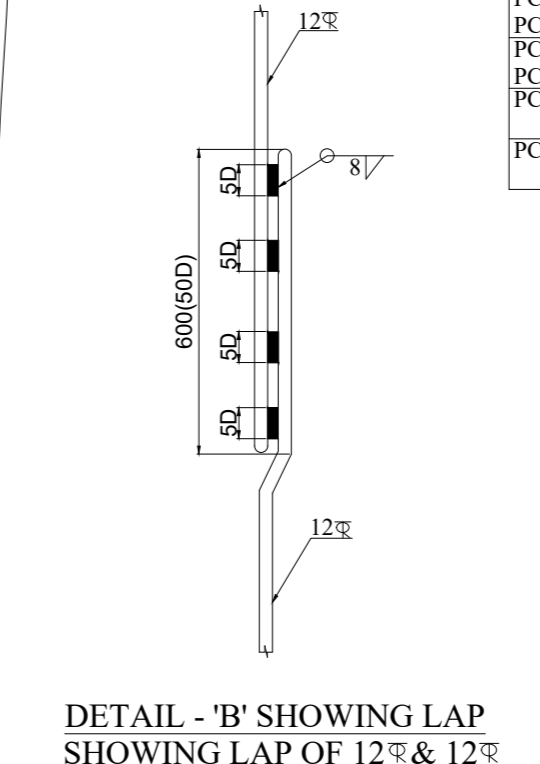


### SCHEDULE OF R.C.C. COLUMN

COLUMN MKD	COLUMN SIZE	REINFORCEMENT						
		1ST FL. LVL. TO 2ND FL. LVL.	2ND FL. LVL. TO 3RD FL. LVL.	3RD FL. LVL. TO 4TH FL. LVL.	4TH FL. LVL. TO 5TH FL. LVL.	5TH FL. LVL. TO 6TH FL. LVL.	6TH FL. LVL. TO 7TH FL. LVL.	7TH FL. LVL. TO 8TH FL. LVL.
CONC. GRADE	M35	M35	M35	M35	M35	M35	M35	
IC4,IC9,IC29,IC34,IC35,IC36,IC37,IC38,IC39,IC40,IC41,IC42,IC43,IC44,IC45,IC46,IC47,IC48,IC49,IC50,IC51,IC52,IC53,IC54,IC55,IC56,IC57,IC58,IC59,IC60,IC61,IC62,IC63,IC64,IC65,IC66,IC67,IC68,IC69,IC70,IC71,IC72,IC73,IC74,IC75,IC76,IC77,IC78,IC79,IC80,IC81,IC82,IC83,IC84,IC85,IC86,IC87,IC88,IC89,IC90,IC91,IC92,IC93,IC94,IC95,IC96,IC97,IC98,IC99,IC100,IC101,IC102,IC103,IC104,IC105,IC106,IC107,IC108,IC109,IC110,IC111,IC112,IC113,IC114,IC115,IC116,IC117,IC118,IC119,IC120,IC121,IC122,IC123,IC124,IC125,IC126,IC127,IC128,IC129,IC130,IC131,IC132,IC133,IC134,IC135,IC136,IC137,IC138,IC139,IC140,IC141,IC142,IC143,IC144,IC145,IC146,IC147,IC148,IC149,IC150,IC151,IC152,IC153,IC154,IC155,IC156,IC157,IC158,IC159,IC160,IC161,IC162,IC163,IC164,IC165,IC166,IC167,IC168,IC169,IC170,IC171,IC172,IC173,IC174,IC175,IC176,IC177,IC178,IC179,IC180,IC181,IC182,IC183,IC184,IC185,IC186,IC187,IC188,IC189,IC190,IC191,IC192,IC193,IC194,IC195,IC196,IC197,IC198,IC199,IC200,IC201,IC202,IC203,IC204,IC205,IC206,IC207,IC208,IC209,IC210,IC211,IC212,IC213,IC214,IC215,IC216,IC217,IC218,IC219,IC220,IC221,IC222,IC223,IC224,IC225,IC226,IC227,IC228,IC229,IC230,IC231,IC232,IC233,IC234,IC235,IC236,IC237,IC238,IC239,IC240,IC241,IC242,IC243,IC244,IC245,IC246,IC247,IC248,IC249,IC250,IC251,IC252,IC253,IC254,IC255,IC256,IC257,IC258,IC259,IC260,IC261,IC262,IC263,IC264,IC265,IC266,IC267,IC268,IC269,IC270,IC271,IC272,IC273,IC274,IC275,IC276,IC277,IC278,IC279,IC280,IC281,IC282,IC283,IC284,IC285,IC286,IC287,IC288,IC289,IC290,IC291,IC292,IC293,IC294,IC295,IC296,IC297,IC298,IC299,IC300,IC301,IC302,IC303,IC304,IC305,IC306,IC307,IC308,IC309,IC310,IC311,IC312,IC313,IC314,IC315,IC316,IC317,IC318,IC319,IC320,IC321,IC322,IC323,IC324,IC325,IC326,IC327,IC328,IC329,IC330,IC331,IC332,IC333,IC334,IC335,IC336,IC337,IC338,IC339,IC340,IC341,IC342,IC343,IC344,IC345,IC346,IC347,IC348,IC349,IC350,IC351,IC352,IC353,IC354,IC355,IC356,IC357,IC358,IC359,IC360,IC361,IC362,IC363,IC364,IC365,IC366,IC367,IC368,IC369,IC370,IC371,IC372,IC373,IC374,IC375,IC376,IC377,IC378,IC379,IC380,IC381,IC382,IC383,IC384,IC385,IC386,IC387,IC388,IC389,IC390,IC391,IC392,IC393,IC394,IC395,IC396,IC397,IC398,IC399,IC400,IC401,IC402,IC403,IC404,IC405,IC406,IC407,IC408,IC409,IC410,IC411,IC412,IC413,IC414,IC415,IC416,IC417,IC418,IC419,IC420,IC421,IC422,IC423,IC424,IC425,IC426,IC427,IC428,IC429,IC430,IC431,IC432,IC433,IC434,IC435,IC436,IC437,IC438,IC439,IC440,IC441,IC442,IC443,IC444,IC445,IC446,IC447,IC448,IC449,IC450,IC451,IC452,IC453,IC454,IC455,IC456,IC457,IC458,IC459,IC460,IC461,IC462,IC463,IC464,IC465,IC466,IC467,IC468,IC469,IC470,IC471,IC472,IC473,IC474,IC475,IC476,IC477,IC478,IC479,IC480,IC481,IC482,IC483,IC484,IC485,IC486,IC487,IC488,IC489,IC490,IC491,IC492,IC493,IC494,IC495,IC496,IC497,IC498,IC499,IC500,IC501,IC502,IC503,IC504,IC505,IC506,IC507,IC508,IC509,IC510,IC511,IC512,IC513,IC514,IC515,IC516,IC517,IC518,IC519,IC520,IC521,IC522,IC523,IC524,IC525,IC526,IC527,IC528,IC529,IC530,IC531,IC532,IC533,IC534,IC535,IC536,IC537,IC538,IC539,IC540,IC541,IC542,IC543,IC544,IC545,IC546,IC547,IC548,IC549,IC550,IC551,IC552,IC553,IC554,IC555,IC556,IC557,IC558,IC559,IC560,IC561,IC562,IC563,IC564,IC565,IC566,IC567,IC568,IC569,IC570,IC571,IC572,IC573,IC574,IC575,IC576,IC577,IC578,IC579,IC580,IC581,IC582,IC583,IC584,IC585,IC586,IC587,IC588,IC589,IC590,IC591,IC592,IC593,IC594,IC595,IC596,IC597,IC598,IC599,IC600,IC601,IC602,IC603,IC604,IC605,IC606,IC607,IC608,IC609,IC610,IC611,IC612,IC613,IC614,IC615,IC616,IC617,IC618,IC619,IC620,IC621,IC622,IC623,IC624,IC625,IC626,IC627,IC628,IC629,IC630,IC631,IC632,IC633,IC634,IC635,IC636,IC637,IC638,IC639,IC640,IC641,IC642,IC643,IC644,IC645,IC646,IC647,IC648,IC649,IC650,IC651,IC652,IC653,IC654,IC655,IC656,IC657,IC658,IC659,IC660,IC661,IC662,IC663,IC664,IC665,IC666,IC667,IC668,IC669,IC670,IC671,IC672,IC673,IC674,IC675,IC676,IC677,IC678,IC679,IC680,IC681,IC682,IC683,IC684,IC685,IC686,IC687,IC688,IC689,IC690,IC691,IC692,IC693,IC694,IC695,IC696,IC697,IC698,IC699,IC700,IC701,IC702,IC703,IC704,IC705,IC706,IC707,IC708,IC709,IC710,IC711,IC712,IC713,IC714,IC715,IC716,IC717,IC718,IC719,IC720,IC721,IC722,IC723,IC724,IC725,IC726,IC727,IC728,IC729,IC730,IC731,IC732,IC733,IC734,IC735,IC736,IC737,IC738,IC739,IC740,IC741,IC742,IC743,IC744,IC745,IC746,IC747,IC748,IC749,IC750,IC751,IC752,IC753,IC754,IC755,IC756,IC757,IC758,IC759,IC760,IC761,IC762,IC763,IC764,IC765,IC766,IC767,IC768,IC769,IC770,IC771,IC772,IC773,IC774,IC775,IC776,IC777,IC778,IC779,IC780,IC781,IC782,IC783,IC784,IC785,IC786,IC787,IC788,IC789,IC790,IC791,IC792,IC793,IC794,IC795,IC796,IC797,IC798,IC799,IC800,IC801,IC802,IC803,IC804,IC805,IC806,IC807,IC808,IC809,IC810,IC811,IC812,IC813,IC814,IC815,IC816,IC817,IC818,IC819,IC820,IC821,IC822,IC823,IC824,IC825,IC826,IC827,IC828,IC829,IC830,IC831,IC832,IC833,IC834,IC835,IC836,IC837,IC838,IC839,IC840,IC841,IC842,IC843,IC844,IC845,IC846,IC847,IC848,IC849,IC850,IC851,IC852,IC853,IC854,IC855,IC856,IC857,IC858,IC859,IC860,IC861,IC862,IC863,IC864,IC865,IC866,IC867,IC868,IC869,IC870,IC871,IC872,IC873,IC874,IC875,I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PILE DIA	DEPTH OF PILE	CAPACITY	NO OF PILE
600	26.0 m	100 TON	421 NOS.

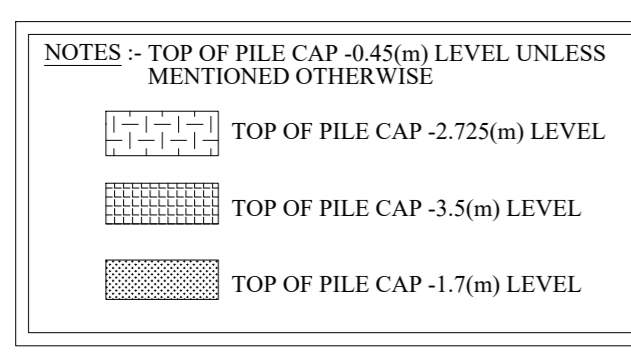
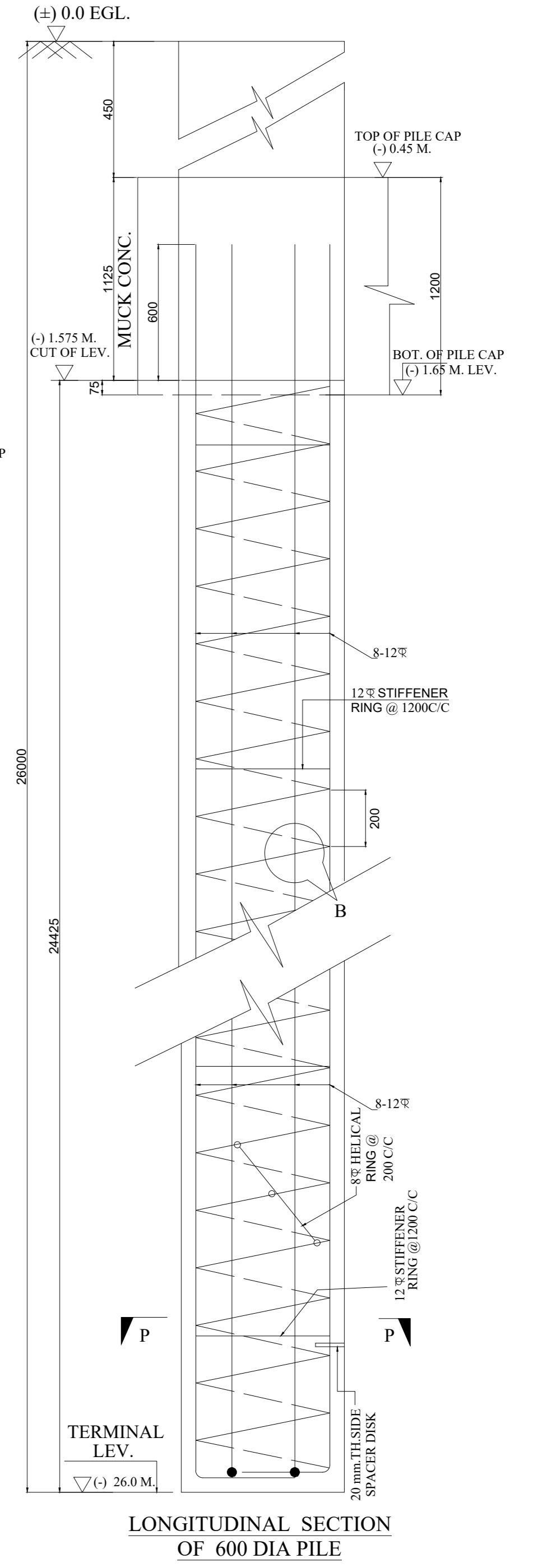
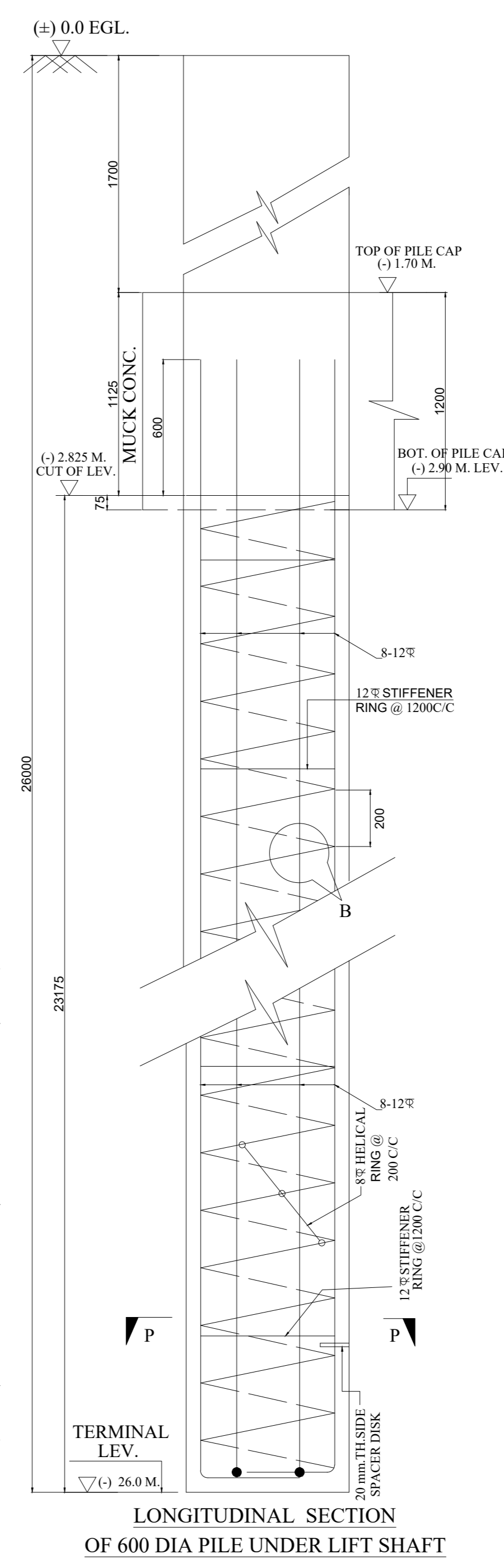
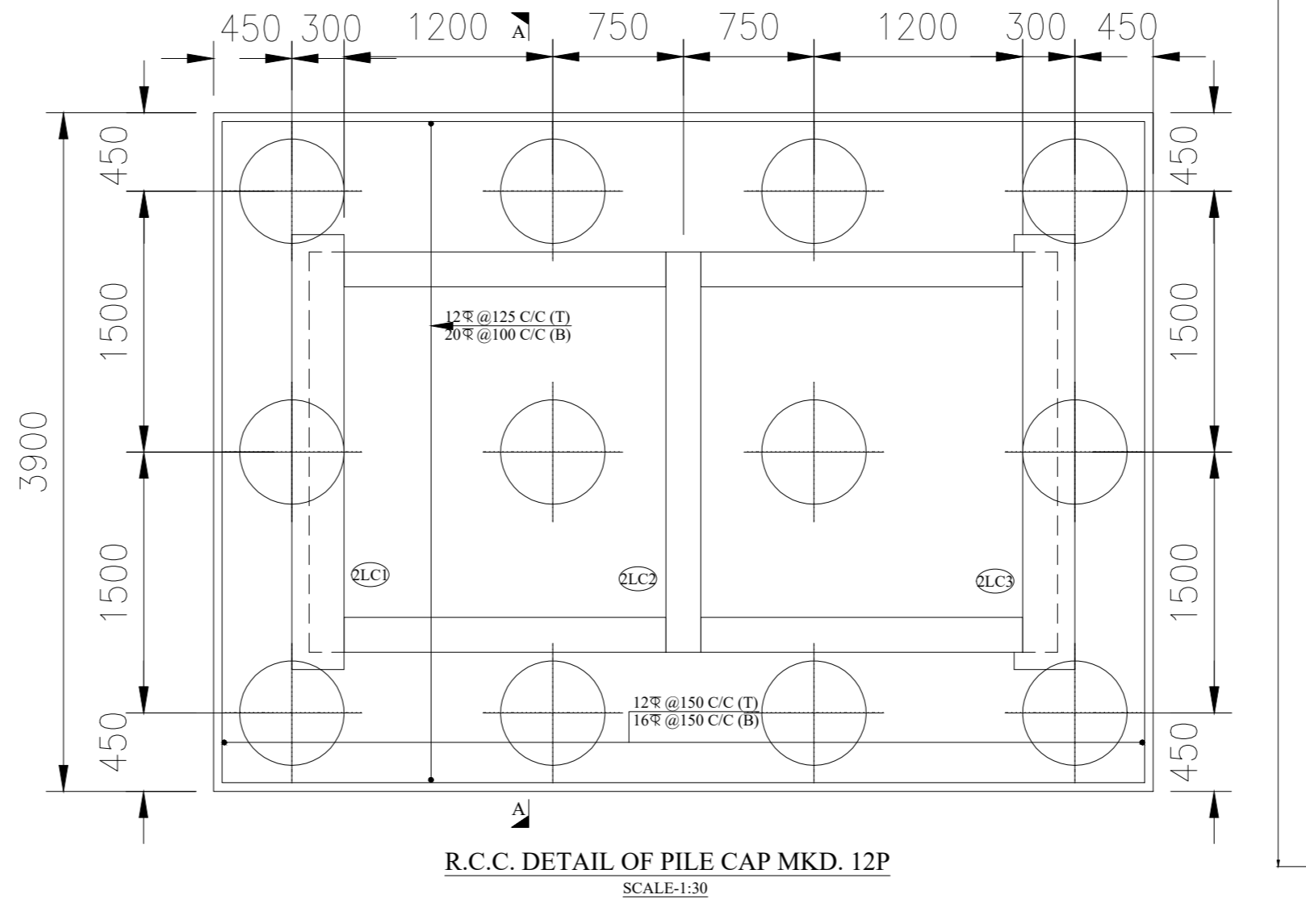
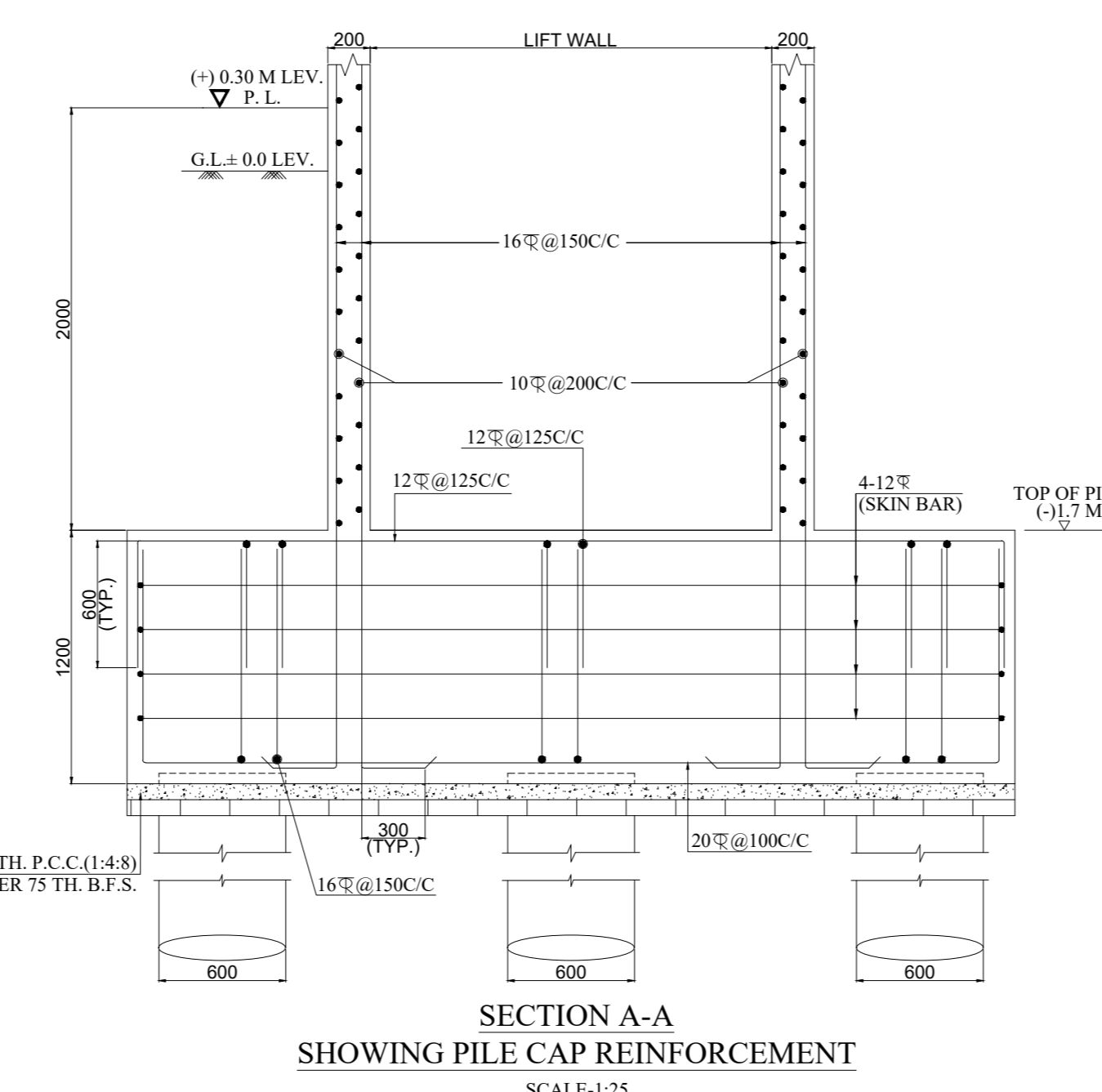
### GRADE OF CONCRETE

PILE	PILE CAP	BEAM/COLUMN, SLAB	FOUNDATION TO 2ND FL. LVL.	2ND FL. LVL. TO 4TH FL. LVL.	4TH FL. LVL. TO ROOF.
M35	M30	M35	M30	M30	M30

### SCHEDULE OF PILE CAP

SL. No.	PILE CAP MKD.	SIZE OF PILE CAP	DEPTH OF PILE CAP	MAIN REINFORCEMENT				SUN BAR	SHEAR STUOL
				ALONG LONGER SIDE	ALONG SHORTER SIDE	TOP	BOTTOM		
1.	1P	900 X 2700	1200	7-12Φ	7-12Φ	12Φ @ 150 C/C	12Φ @ 150 C/C	3-12Φ	---
2.	2P	AS PER DWG.	1200	12Φ @ 125 C/C	20Φ @ 150 C/C	12Φ @ 125 C/C	20Φ @ 150 C/C	3-12Φ	---
3.	4P	AS PER DWG.	1200	12Φ @ 125 C/C	20Φ @ 150 C/C	12Φ @ 125 C/C	20Φ @ 150 C/C	3-12Φ	---
4.	4PA	2700 X 2700	1200	12Φ @ 125 C/C	20Φ @ 150 C/C	12Φ @ 125 C/C	20Φ @ 150 C/C	3-12Φ	---
5.	5P	2700 X 4018	1200	12Φ @ 125 C/C	20Φ @ 150 C/C	12Φ @ 125 C/C	20Φ @ 150 C/C	3-12Φ	---
6.	7P	AS PER DWG.	1200	16Φ @ 125 C/C	20Φ @ 150 C/C	16Φ @ 125 C/C	20Φ @ 150 C/C	3-12Φ	---
7.	9P	4200 X 5200	1200	12Φ @ 150 C/C	16Φ @ 150 C/C	12Φ @ 125 C/C	20Φ @ 150 C/C	3-12Φ	---

- NOTES -**
1. ALL DIMENSIONS ARE IN MILLIMETERS.
  2. ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
  3. ROAD CHEST LEVEL IS TAKEN AS +0.00 LEVEL.
  4. CLEAR COVER TO SECONDARY REINFORCEMENT - a) FOUNDATION (PILE) - 50 MM b) BEAM - 50 MM c) SLAB - 20 MM.
  5. LAP / ANCHORAGE LENGTH SHOULD BE GENERALLY 50D (D = DIA OF BAR).
  6. % INDICATES COLD TWISTED DEFORMED BAR AS PER IS 1786.
  7. GRADE OF CONCRETE - AS PER SCHEDULE.
  8. GRADE OF STEEL - Fe 500.
  9. READ THIS DRAWING IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRAWING.
  10. ALL SORTS OF PRECAUTIONARY MEASURES WILL BE TAKEN AT THE TIME OF CONSTRUCTION.



**PILE LAYOUT PLAN.**  
SCALE:1:100

**SECTION A-A**  
**SHOWING PILE CAP REINFORCEMENT**  
SCALE:1:25

**R.C.C. DETAIL OF PILE CAP MKD. 12P**  
SCALE:1:30

**LONGITUDINAL SECTION**  
**OF 600 DIA PILE UNDER LIFT SHAFT**

**LONGITUDINAL SECTION**  
**OF 600 DIA PILE**

**DECLARATION OF OWNER**  
I CERTIFY THAT I HAVE GONE THROUGH THE DRAWINGS OF THE PROJECT AND I AM SURE THAT THE SAME ARE CORRECT AND COMPLETE AND I AM NOT RESPONSIBLE FOR ANY VIOLATION OF THE BUILDING RULES AS WELL AS THE SANCTIONED BUILDING PLAN.

**SIGNATURE OF OWNER**

**CERTIFICATE OF ARCHITECT**  
I CERTIFY THAT ALL THE ARCHITECTURAL DRAWINGS OF THE PROJECT AT L.R. DAG NO.-2532(P), 2534(P), L.R. ANJAN NO. 11082 IN WOODA-MIRGALA, J.L. NO. 102, POLICE STATION-DANKUNI (FORMERLY CHANDUNI) WITHIN THE JURISDICTION OF DANKUNI MUNICIPALITY, WARD NO.-11, DISTRICT-HOOGHLY, KOLKATA-712311, HAVE BEEN PREPARED BY ME IN CONFORMANCE WITH THE PROVISIONS OF NATIONAL BUILDING CODE AND THE WEST BENGAL MUNICIPAL BUILDING RULES, NO SUCH WORK AND INCORRECT INFORMATION HAS BEEN FURNISHED BY ME INCLUDING AREA CALCULATION CHARTS IN THIS DRAWING AND NO VIOLATION OF THE PROVISIONS OF THESE RULES WILL BE FOUND IN ANY OF THE DRAWINGS AND DOCUMENTS, SUBMITTED TO THE SANCTIONING AUTHORITY FOR OBTAINING SANCTION.

**SIGNATURE OF ARCHITECT**  
RAJ KUMAR AGARWAL  
REGISTERED ARCHITECT  
ANDHRA PRADESH  
REGISTRATION NO. CA/94/17940

**SIGNATURE OF THE ARCHITECT**  
RAJ KUMAR AGARWAL  
REGISTERED ARCHITECT  
ANDHRA PRADESH  
REGISTRATION NO. CA/94/17940

**CERTIFICATE OF STRUCTURAL ENGINEER**  
I CERTIFY THAT THE STRUCTURAL DRAWING AND DESIGN OF BOTH THE FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING/BUILDINGS HAS BEEN MADE CONSIDERING THE SOIL TEST REPORTS FOR THESE RULES AND THE REGULATIONS MADE UNDER THE ACT AND ALSO CONSIDERING ALL POSSIBLE LOADS, SEISMIC LOAD AND THE MOMENTS GENERATED BY THE PROPOSED STRUCTURE AS PER CURRENT CODES, THE BUREAU OF INDIA STANDARDS AND NATIONAL BUILDING CODE OF INDIA AND CERTIFY THAT IT IS SAFE AND STABLE IN ALL RESPECTS UP TO THE STOREY/STORES AND THESE PROVISIONS SHALL BE ADHERED TO DURING THE CONSTRUCTION.

**SIGNATURE OF THE STRUCTURAL ENGINEER**  
RUPAK KUMAR BANERJEE  
M.I.C.E., M.E., CHARTERED ENGINEER  
E.S.E.-I  
ADDRESS:  
10, KUNDU LANE, BHOWANIPUR,  
KOLKATA-700025

**CERTIFICATE OF STRUCTURAL REVIEWER**  
I CERTIFY THAT THE STRUCTURAL DRAWING AND DESIGN OF BOTH THE FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING/BUILDINGS HAS BEEN MADE CONSIDERING THE SOIL TEST REPORTS FOR THESE RULES AND THE REGULATIONS MADE UNDER THE ACT AND ALSO CONSIDERING ALL POSSIBLE LOADS, SEISMIC LOAD AND THE MOMENTS GENERATED BY THE PROPOSED STRUCTURE AS PER CURRENT CODES, THE BUREAU OF INDIA STANDARDS AND NATIONAL BUILDING CODE OF INDIA AND CERTIFY THAT IT IS SAFE AND STABLE IN ALL RESPECTS UP TO THE STOREY/STORES AND THESE PROVISIONS SHALL BE ADHERED TO DURING THE CONSTRUCTION.

**SIGNATURE OF THE STRUCTURAL REVIEWER**  
MITA SAHA  
AG-89, BASHAKH, SALT LAKE, KOLKATA.

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

**SIGNATURE OF THE GEO-TECHNICAL ENGINEER**  
SWADESH KUMAR MANDAL  
B.E.(CIVIL), M.E., M.I.C.E., M.A.S. (LAW/1242)  
D.S. CONSTRUCTION, KOLKATA.

**FOUNDATION LAYOUT PLAN WITH DETAILS.**  
**PROJECT**  
PROPOSED G+XII STORED (8.96 M HT.) (TOWER-2) & G+XII STORED (8.96 M HT.) (TOWER-1) & RESIDENTIAL BUILDING OF FRONTIER WAREHOUSING LIMITED DIRECTOR OF GOUTAM AGARWALLA AT L.R. DAG NO.-2532(P), 2534(P), L.R. KH NO. 12103 IN WOODA-MIRGALA, J.L. NO. 102, POLICE STATION-DANKUNI (FORMERLY CHANDUNI), WITHIN THE JURISDICTION OF DANKUNI MUNICIPALITY, WARD NO.-11, DISTRICT-HOOGHLY, KOLKATA-712311.

**DATE** 11.03.22 **DWG NO.** 22/22 **SCALE** 1:100  
**DESIGNER** RAJ AGARWAL **CHECKED** RAJ AGARWAL  
**DATE** 11.03.22 **DWG NO.** 22/22 **SCALE** 1:100  
**DESIGNER** RAJ AGARWAL **CHECKED** RAJ AGARWAL