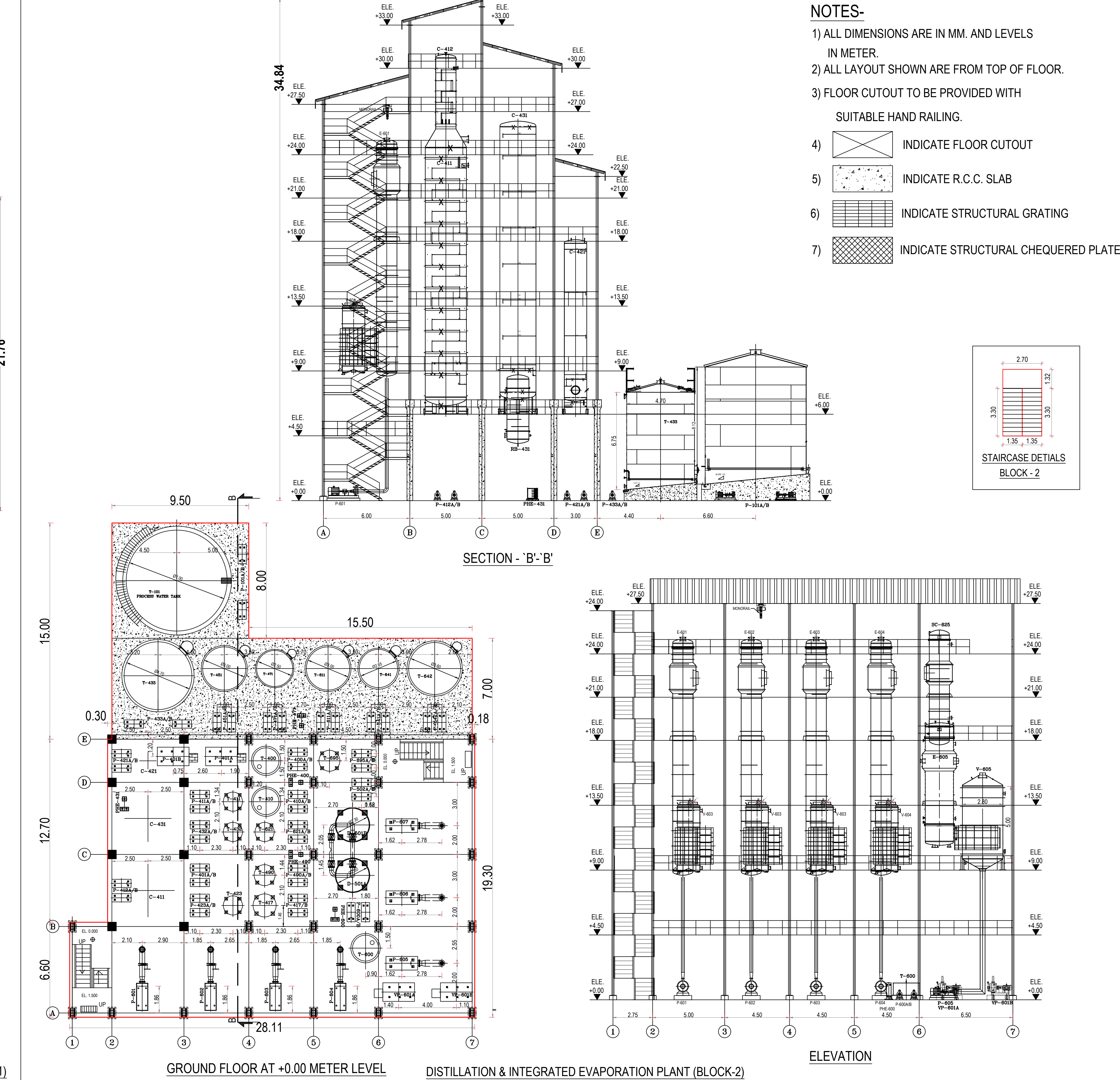
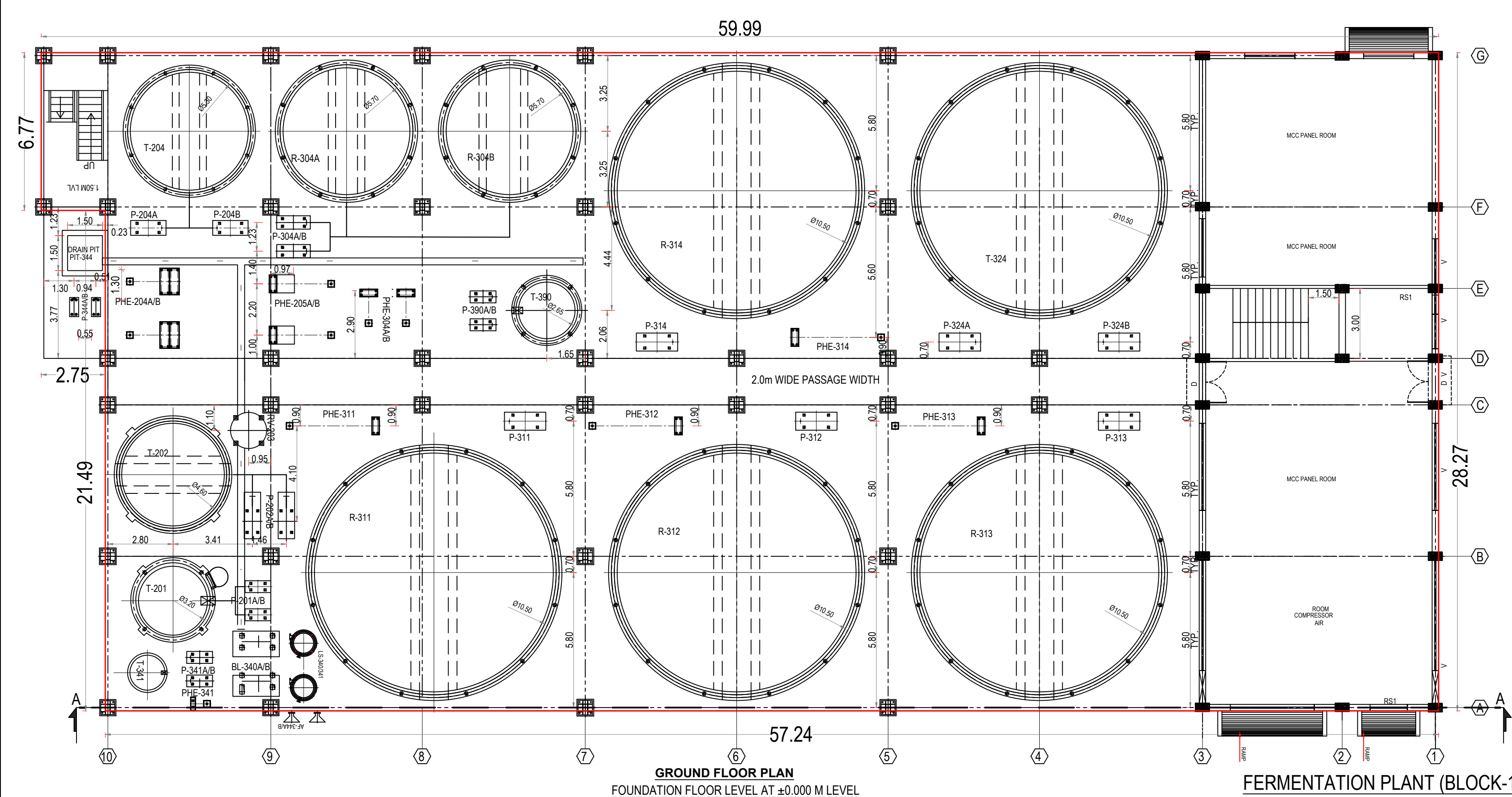
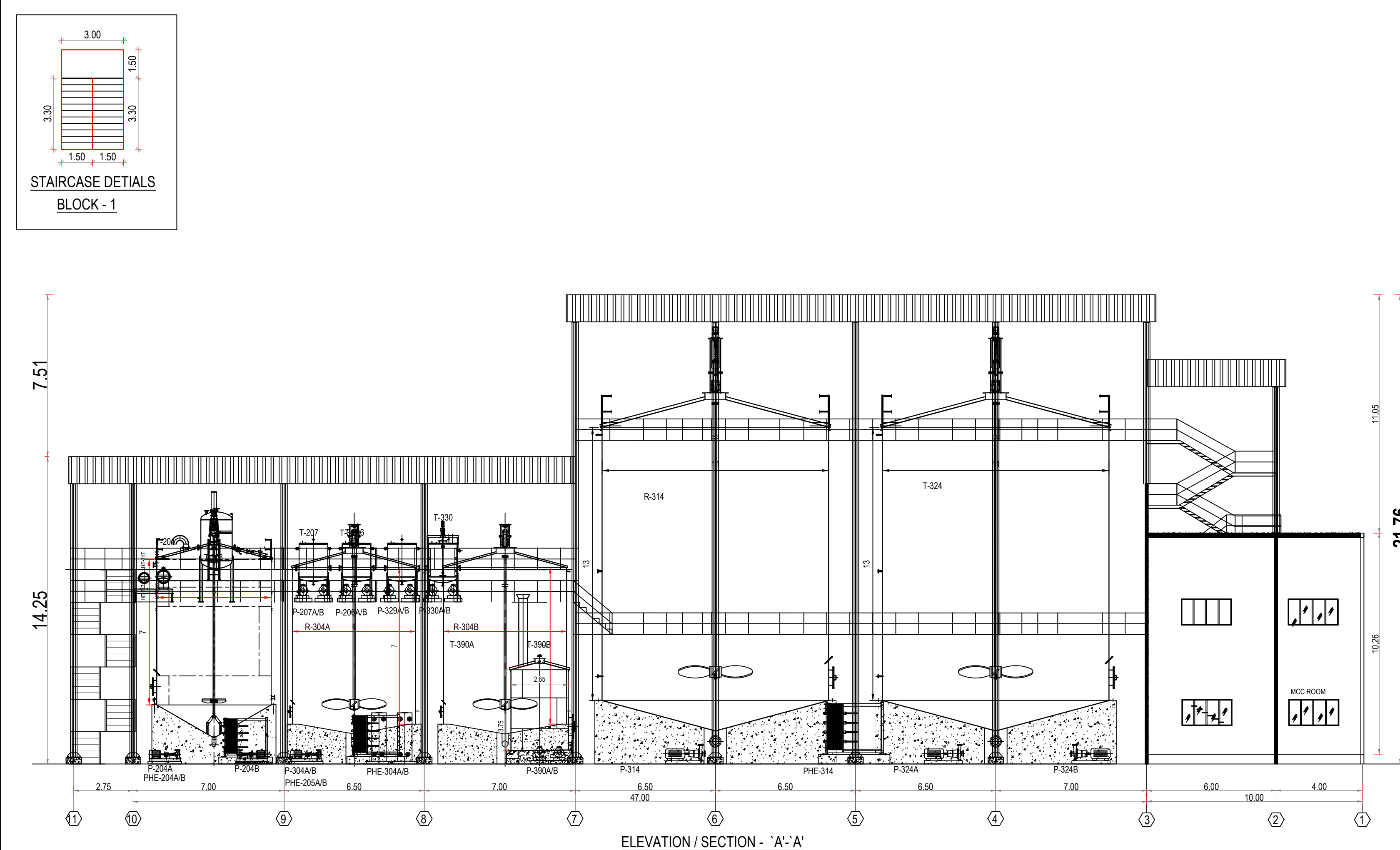
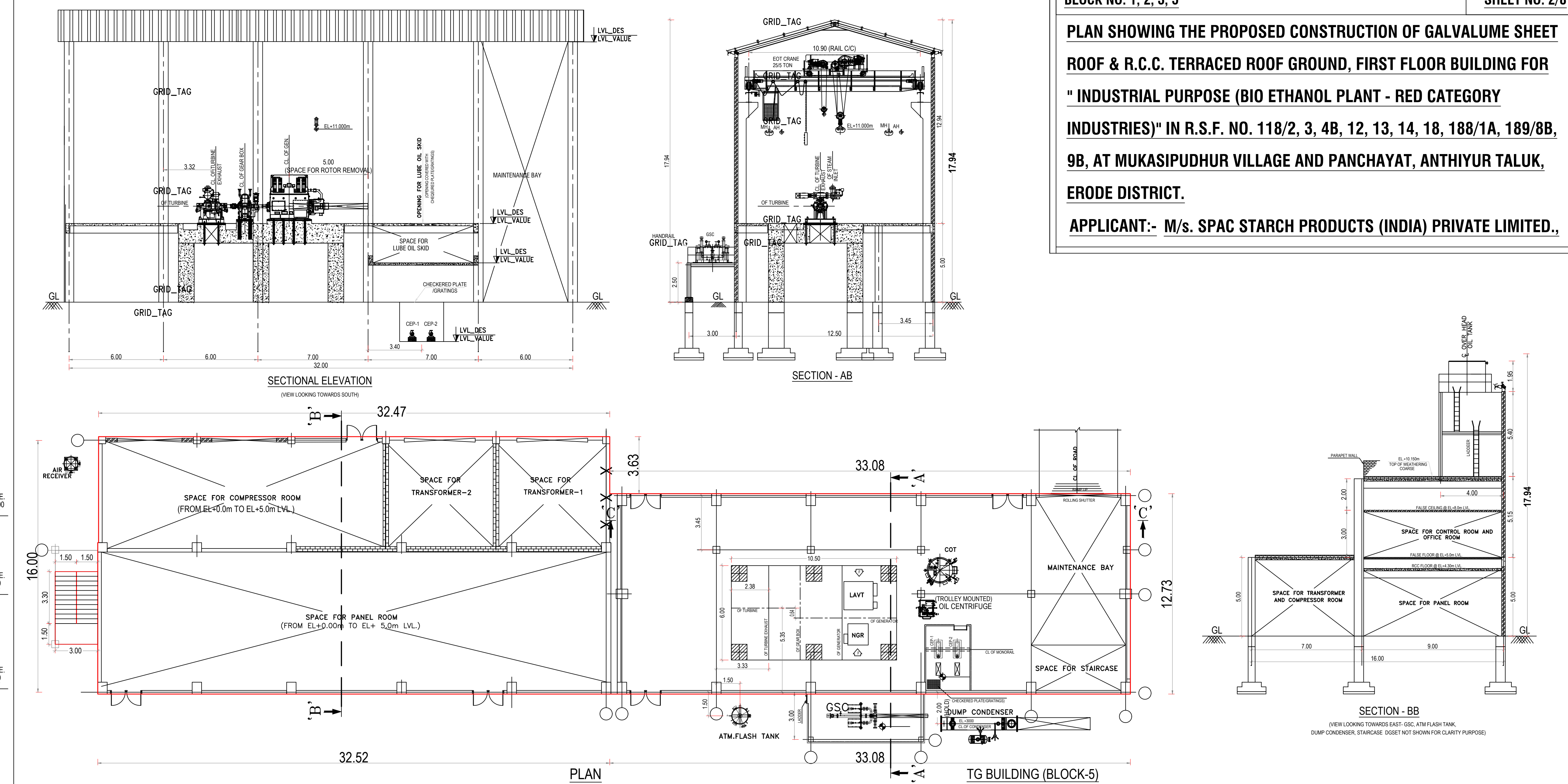
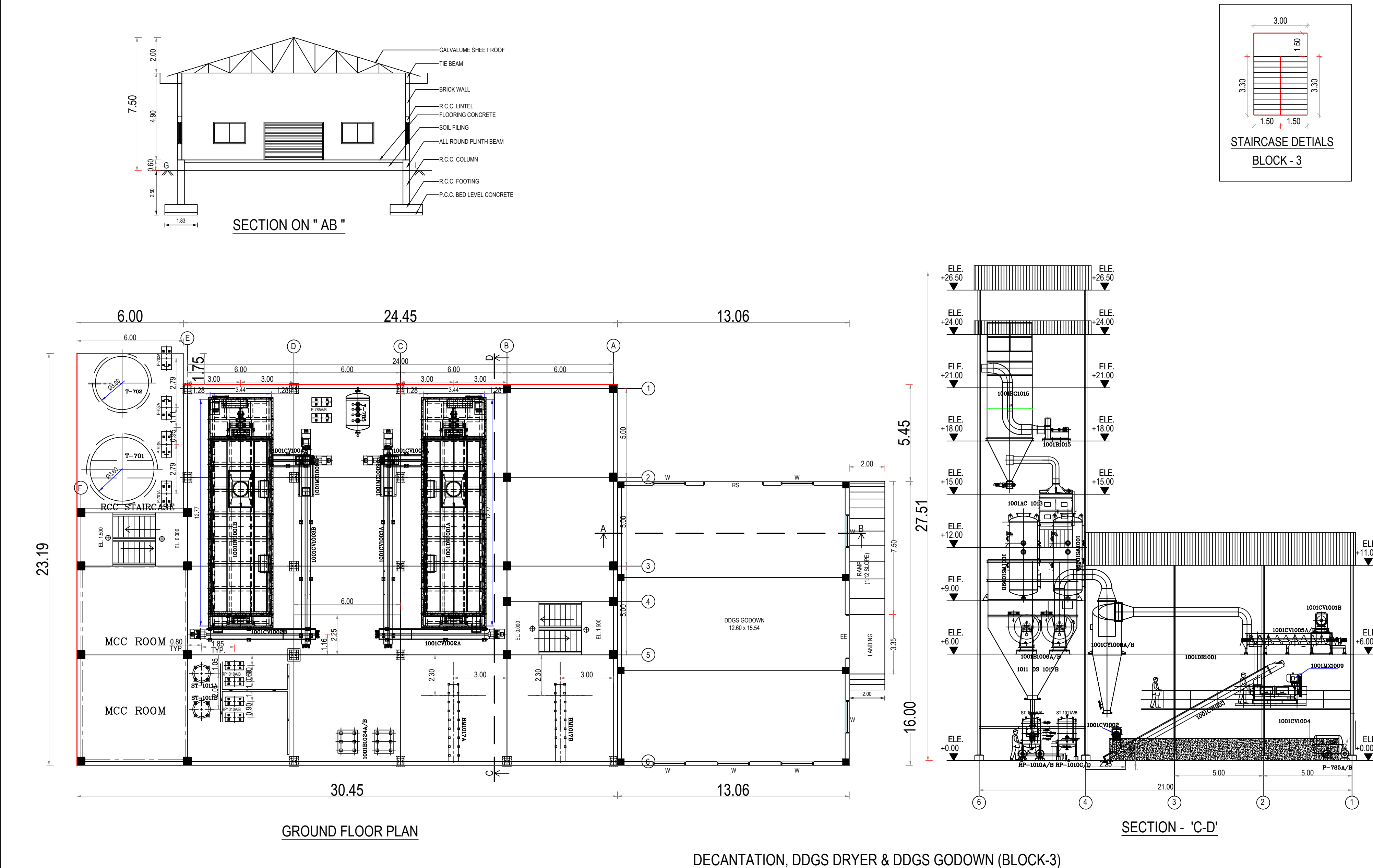


PLAN SHOWING THE PROPOSED CONSTRUCTION OF GALVALUME SHEET ROOF & R.C.C. TERRACED ROOF GROUND, FIRST FLOOR BUILDING FOR "INDUSTRIAL PURPOSE (BIO ETHANOL PLANT - RED CATEGORY INDUSTRIES)" IN R.S.F. NO. 118/2, 3, 4B, 12, 13, 14, 18, 188/1A, 189/8B, 9B, AT MUKASIPUDHUR VILLAGE AND PANCHAYAT, ANTHIYUR TALUK, ERODE DISTRICT.

APPLICANT:- M/s. SPAC STARCH PRODUCTS (INDIA) PRIVATE LIMITED.,



NOTES-

- 1) ALL DIMENSIONS ARE IN MM. AND LEVELS IN METER.
- 2) ALL LAYOUT SHOWN ARE FROM TOP OF FLOOR.
- 3) FLOOR CUTOUT TO BE PROVIDED WITH SUITABLE HAND RAILING.
- 4) INDICATE FLOOR CUTOUT
- 5) INDICATE R.C.C. SLAB
- 6) INDICATE STRUCTURAL GRATING
- 7) INDICATE STRUCTURAL CHEQUERED PLATE

NO.	TAG NO.	DESCRIPTION	SIZE	MOUNTING	(LADDEN WTY)
26	P-344A/B	SUMP PIT PUMP	-	0.0 Mt.	0.4 EACH
25	PIT-344	SUMP PIT	1000x1000x1500	0.0 Mt.	-
24	LS-340/341	LIQUID SEPARATOR FOR AIR BLOWER	ID 1000 x 800 HT	0.0 Mt.	1.0 EACH
23	AF-344A/B	AIR FILTER	-	0.0 Mt.	0.2 EACH
22	BL-340A/B	AIR BLOWER	-	0.0 Mt.	1.5 EACH
21	PHE-341	SEALING WATER PHE	-	0.0 Mt.	0.5
20	PHE-311/314	FERMENTED MASH COOLER	-	0.0 Mt.	2.5 EACH
19	PHE-304A/B	CULTURE COOLER FOR R-304A/B	-	0.0 Mt.	0.5 EACH
18	P-300A/B	CIP PUMP	-	0.0 Mt.	0.4 EACH
17	P-341A/B	SEALING WATER PUMPS	-	0.0 Mt.	0.4 EACH
16	P-330A/B	NUTRIENT TANK PUMP	-	0.0 Mt.	0.4 EACH
15	P-329A/B	ANTIFOAM TANK PUMP	-	0.0 Mt.	0.4 EACH
14	P-334A/B	DISTILLATION FEED PUMP	-	0.0 Mt.	0.8 EACH
13	P-311/314	FERMENTED MASH RECIRCULATION PUMP	-	0.0 Mt.	1.5 EACH
12	P-304A/B	CULTURE TRANSFER PUMPS	-	0.0 Mt.	0.5 EACH
11	T-390	CIP TANK	ID 2650 x 3750 HT	0.0 Mt.	35.0
10	T-341	SEALING WATER TANK	ID 1800 x 800 HT	0.0 Mt.	2.3
9	T-330	NUTRIENT TANK	ID 1325 x 1500 HT	7.5 Mt.	2.3
8	T-329	ANTIFOAM TANK	ID 1325 x 1500 HT	7.5 Mt.	2.3
7	C-301	CO2 SCRUBBER	ID 1100 x 1800 HT	13.0 Mt.	1.5
6	T-324	BEER WELL	ID 10500 x 12650 HT	0.0 Mt.	1200.0
5	R-314	FERMENTER - IV	ID 10500 x 12650 HT	0.0 Mt.	1200.0
4	R-313	FERMENTER - III	ID 10500 x 12650 HT	0.0 Mt.	1200.0
3	R-312	FERMENTER - II	ID 10500 x 12650 HT	0.0 Mt.	1200.0
2	R-311	FERMENTER - I	ID 10500 x 12650 HT	0.0 Mt.	1200.0
1	R-304A/B	PRE-FERMENTER	ID 5700 x 7250 HT	0.0 Mt.	210.0 EACH

NO.	TAG NO.	DESCRIPTION	SIZE	MOUNTING	(LADDEN WTY)
18	P-207 A/B	ENS DOSING PUMP	-	0.0 Mt.	0.4 EACH
17	P-206 A/B	ENS DOSING PUMP	-	0.0 Mt.	0.4 EACH
16	P-204 A/B	LIQUEFACTION SLURRY TRANSFER PUMP	-	0.0 Mt.	0.8 EACH
15	P-202 A/B	SLURRY TRANSFER PUMP	-	0.0 Mt.	0.8 EACH
14	P-201 A/B	HOT WATER PUMP	-	0.0 Mt.	0.8 EACH
13	HE-217	FLASH CONDENSER	25m2	7.5 Mt.	0.8
12	HE-216	FLASH CONDENSER	55m2	7.5 Mt.	1.5
11	T-203	FLASH TANK	ID 2300 x 2500 HT	7.5 Mt.	12.0
10	RV-203	RETENTION VESSEL	ID 1550 x 5000 HT	0.0 Mt.	12.0
9	JC-200	JET COOKER	-	7.5 Mt.	2.0
8	PHE-206 A/B	P.P.3.F. COOLER	-	0.0 Mt.	2.5
7	PHE-204 A/B	LIQUEFACTION COOLER	-	0.0 Mt.	2.5
6	T-207	ENS TANK	ID 1325 x 1500 HT	7.5 Mt.	2.3
5	T-206	ENS TANK	ID 1325 x 1500 HT	7.5 Mt.	2.3
4	T-204	LIQUEFACTION TANK	ID 5300 x 6750 HT	0.0 Mt.	180.0
3	T-202	SLURRY TANK	ID 4600 x 5750 HT	0.0 Mt.	100.0
2	T-201	HOT WATER TANK	ID 3200 x 4500 HT	0.0 Mt.	40.0
1	PM-201	PRE-MASHER	-	7.5 Mt.	1.5

NO.	TAG NO.	DESCRIPTION	SIZE	MOUNTING	(LADDEN WTY)
18	P-207 A/B	ENS DOSING PUMP	-	0.0 Mt.	0.4 EACH
17	P-206 A/B	ENS DOSING PUMP	-	0.0 Mt.	0.4 EACH
16	P-204 A/B	LIQUEFACTION SLURRY TRANSFER PUMP	-	0.0 Mt.	0.8 EACH
15	P-202 A/B	SLURRY TRANSFER PUMP	-	0.0 Mt.	0.8 EACH
14	P-201 A/B	HOT WATER PUMP	-	0.0 Mt.	0.8 EACH
13	HE-217	FLASH CONDENSER	25m2	7.5 Mt.	0.8
12	HE-216	FLASH CONDENSER	55m2	7.5 Mt.	1.5
11	T-203	FLASH TANK	ID 2300 x 2500 HT	7.5 Mt.	12.0
10	RV-203	RETENTION VESSEL	ID 1550 x 5000 HT	0.0 Mt.	12.0
9	JC-200	JET COOKER	-	7.5 Mt.	2.0
8	PHE-206 A/B	P.P.3.F. COOLER	-	0.0 Mt.	2.5
7	PHE-204 A/B	LIQUEFACTION COOLER	-	0.0 Mt.	2.5
6	T-207	ENS TANK	ID 1325 x 1500 HT	7.5 Mt.	2.3
5	T-206	ENS TANK	ID 1325 x 1500 HT	7.5 Mt.	2.3
4	T-204	LIQUEFACTION TANK	ID 5300 x 6750 HT	0.0 Mt.	180.0
3	T-202	SLURRY TANK	ID 4600 x 5750 HT	0.0 Mt.	100.0
2	T-201	HOT WATER TANK	ID 3200 x 4500 HT	0.0 Mt.	40.0
1	PM-201	PRE-MASHER	-	7.5 Mt.	1.5

NO.	TAG NO.	DESCRIPTION	SIZE	MOUNTING	(LADDEN WTY)
18	P-207 A/B	ENS DOSING PUMP	-	0.0 Mt.	0.4 EACH
17	P-206 A/B	ENS DOSING PUMP	-	0.0 Mt.	0.4 EACH
16	P-204 A/B	LIQUEFACTION SLURRY TRANSFER PUMP	-	0.0 Mt.	0.8 EACH
15	P-202 A/B	SLURRY TRANSFER PUMP	-	0.0 Mt.	0.8 EACH
14	P-201 A/B	HOT WATER PUMP	-	0.0 Mt.	0.8 EACH
13	HE-217	FLASH CONDENSER	25m2	7.5 Mt.	0.8
12	HE-216	FLASH CONDENSER	55m2	7.5 Mt.	1.5
11	T-203	FLASH TANK	ID 2300 x 2500 HT	7.5 Mt.	12.0
10	RV-203	RETENTION VESSEL	ID 1550 x 5000 HT	0.0 Mt.	12.0
9	JC-200	JET COOKER	-	7.5 Mt.	2.0
8	PHE-206 A/B	P.P.3.F. COOLER	-	0.0 Mt.	2.5
7	PHE-204 A/B	LIQUEFACTION COOLER	-	0.0 Mt.	2.5
6	T-207	ENS TANK	ID 1325 x 1500 HT	7.5 Mt.	2.3
5	T-206	ENS TANK	ID 1325 x 1500 HT	7.5 Mt.	2.3
4	T-204	LIQUEFACTION TANK	ID 5300 x 6750 HT	0.0 Mt.	180.0
3	T-202	SLURRY TANK	ID 4600 x 5750 HT	0.0 Mt.	100.0
2	T-201	HOT WATER TANK	ID 3200 x 4500 HT	0.0 Mt.	40.0
1	PM-201	PRE-MASHER	-	7.5 Mt.	1.5

NO.	TAG NO.	DESCRIPTION	SIZE	MOUNTING	(LADDEN WTY)
18	P-207 A/B	ENS DOSING PUMP	-	0.0 Mt.	0.4 EACH
17	P-206 A/B	ENS DOSING PUMP	-	0.0 Mt.	0.4 EACH
16	P-204 A/B	LIQUEFACTION SLURRY TRANSFER PUMP	-	0.0 Mt.	0.8 EACH
15	P-202 A/B	SLURRY TRANSFER PUMP	-	0.0 Mt.	0.8 EACH
14	P-201 A/B	HOT WATER PUMP	-	0.0 Mt.	0.8 EACH
13	HE-217	FLASH CONDENSER	25m2	7.5 Mt.	0.8
12	HE-216	FLASH CONDENSER	55m2	7.5 Mt.	1.5
11	T-203	FLASH TANK	ID 2300 x 2500 HT	7.5 Mt.	12.0
10	RV-203	RETENTION VESSEL	ID 1550 x 5000 HT	0.0 Mt.	12.0
9	JC-200	JET COOKER	-	7.5 Mt.	2.0
8	PHE-206 A/B	P.P.3.F. COOLER	-	0.0 Mt.	2.5
7	PHE-204 A/B	LIQUEFACTION COOLER	-	0.0 Mt.	2.5
6	T-207	ENS TANK	ID 1325 x 1500 HT	7.5 Mt.	2.3
5	T-206	ENS TANK	ID 1325 x 1500 HT	7.5 Mt.	2.3
4	T-204	LIQUEFACTION TANK	ID 5300 x 6750 HT	0.0 Mt.	180.0
3	T-202	SLURRY TANK	ID 4600 x 5750 HT	0.0 Mt.	100.0
2	T-201	HOT WATER TANK	ID 3200 x 4500 HT	0.0 Mt.	40.0
1	PM-201	PRE-MASHER	-	7.5 Mt.	1.5

APPLICANT

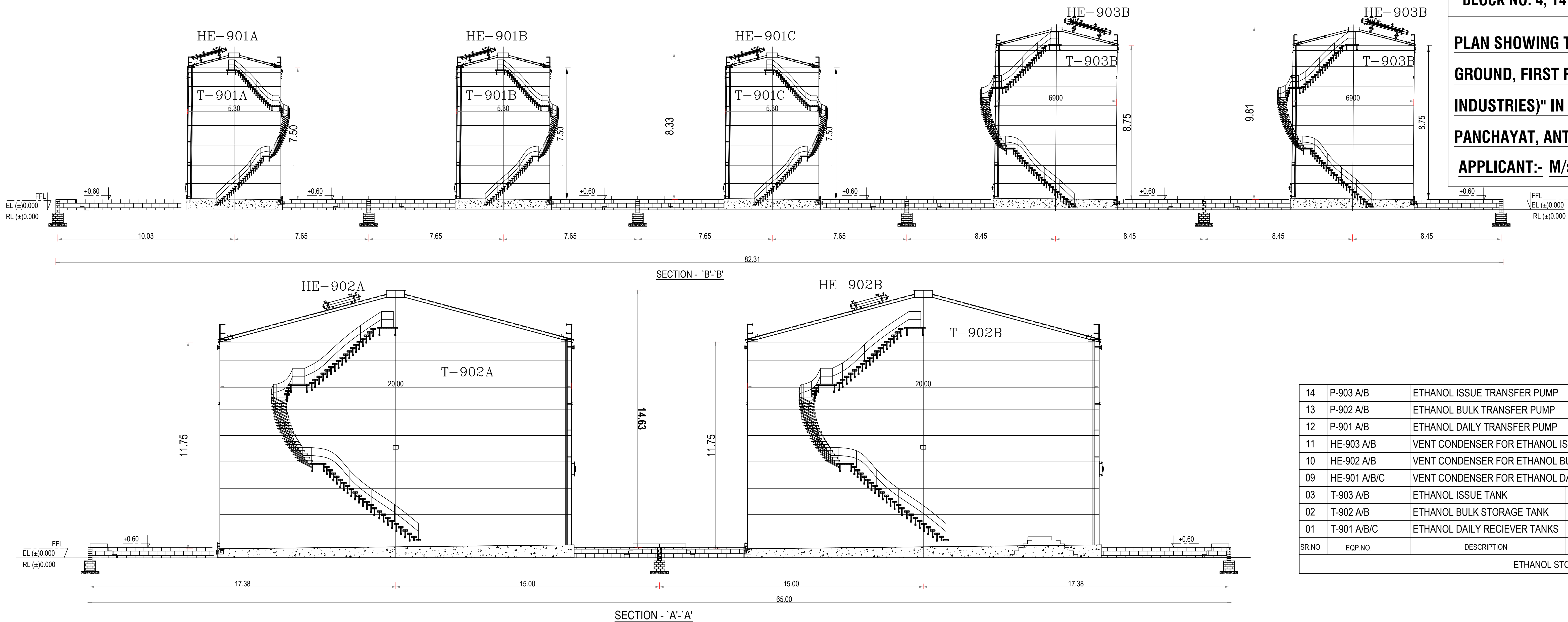
For SPAC STARCH PRODUCTS (INDIA) PRIVATE LIMITED.
Chief Operating Officer

ARCHITECTS:

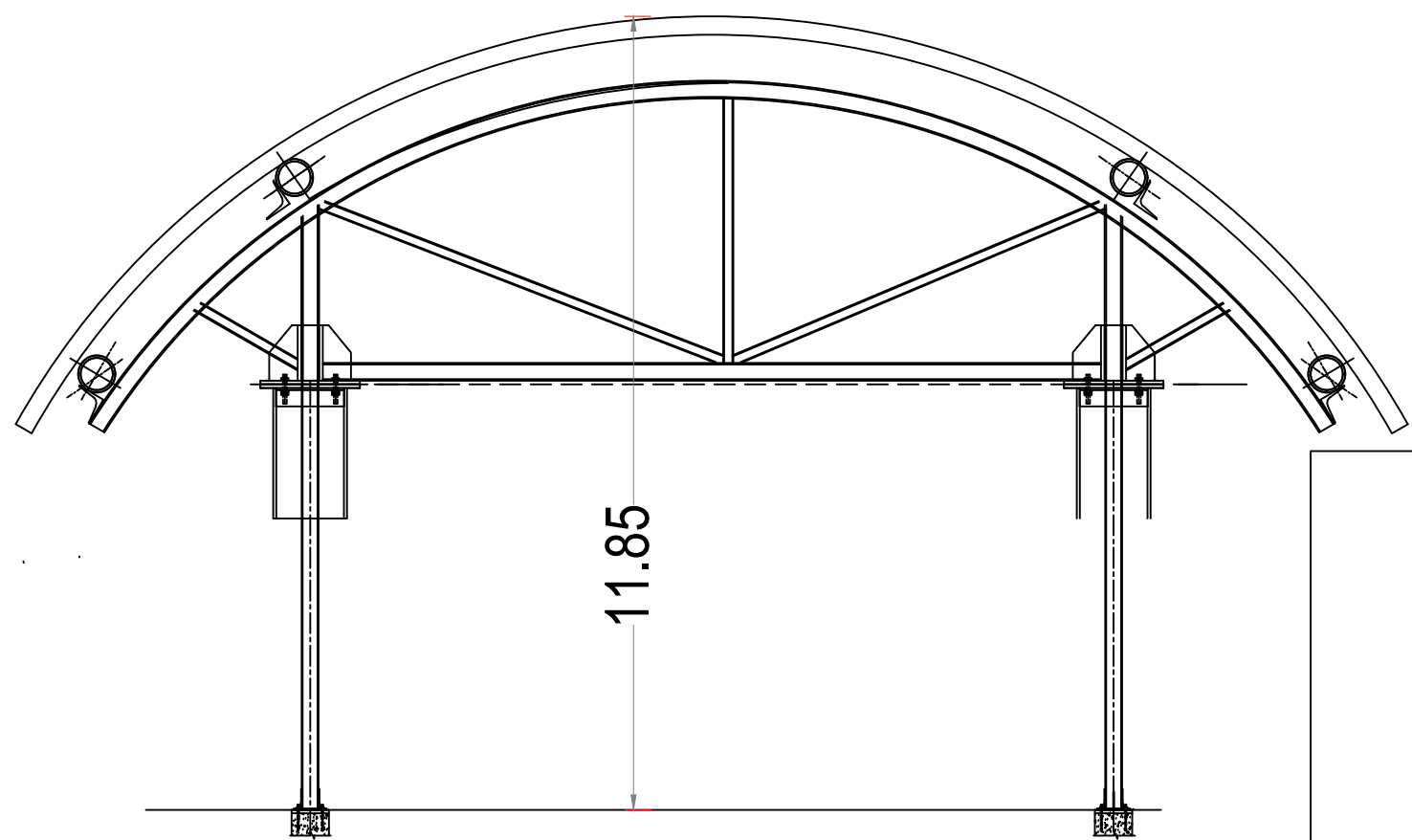
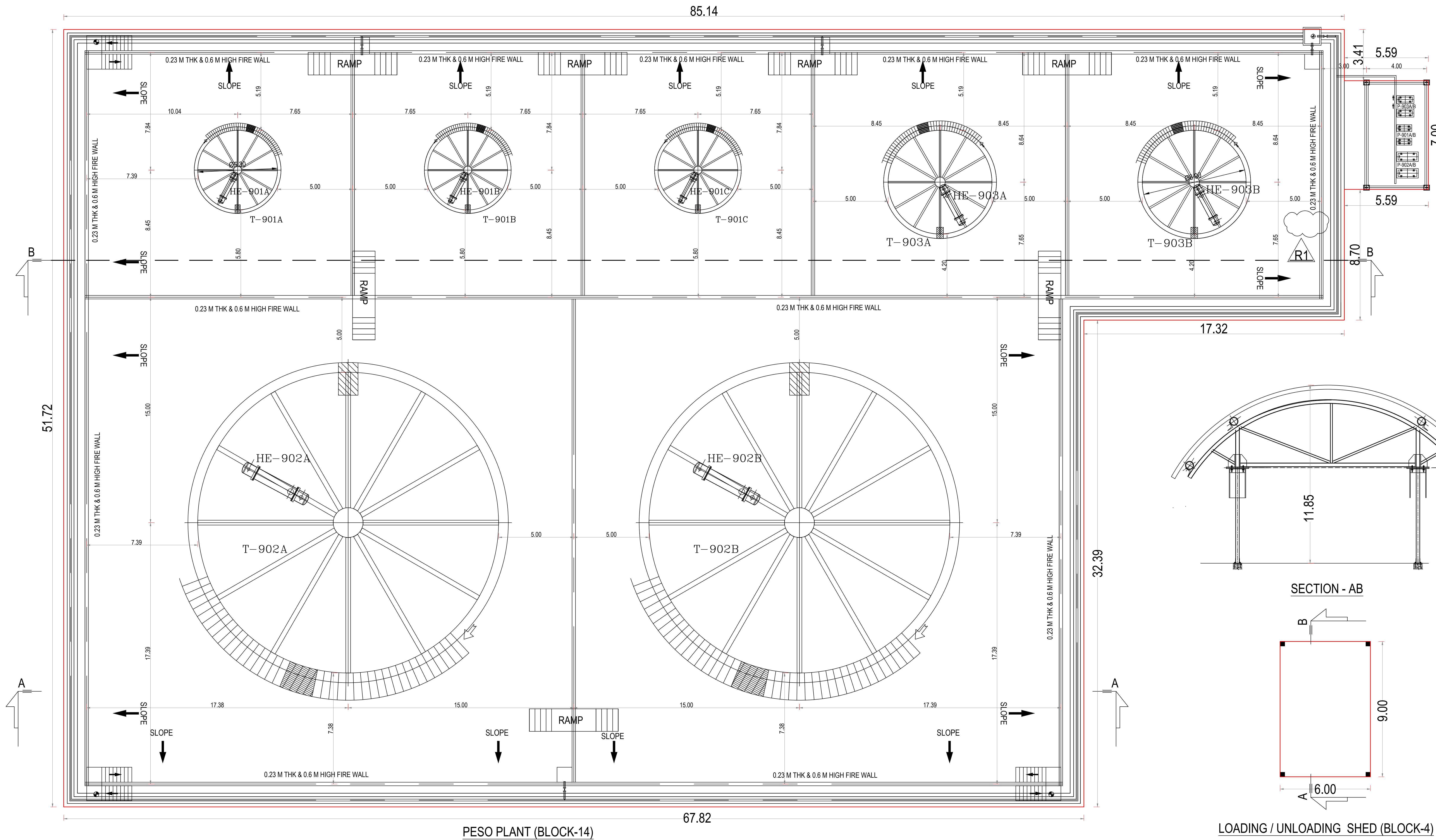
STRUCTURAL ENGINEER:

M. BHUVANASUNDAR
Chartered Civil Engineer I.B.S.M. BHUVANASUNDAR
Chartered Architect, Regd. No. CA/86/19288
SUNDAR SUNDARAM ARCHITECTS
125-A, Thiruvananthapuram Road
RACE COURSE, COMBATORE - 641018.
REGD No. Combatores CPA/20/2019-20/2022N. SELVAN, M.E., F.I.E., F.I.V.
Chartered Civil Engineer I.B.S. & Architect
126-A, Thiruvananthapuram Road,
Race Course, COMBATORE - 641 018.
Chartered Engineer No : 64324
REGD STRUCTURAL ENGINEER
No. Combatores CPA/20/2019-20/2022

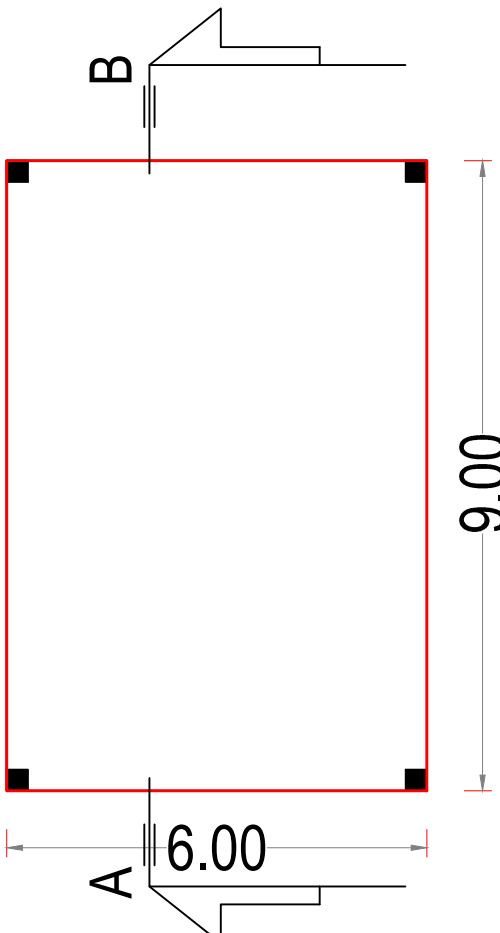
PLAN SHOWING THE PROPOSED CONSTRUCTION OF GALVALUME SHEET ROOF & R.C.C. TERRACED ROOF
GROUND, FIRST FLOOR BUILDING FOR " INDUSTRIAL PURPOSE (BIO ETHANOL PLANT - RED CATEGORY
INDUSTRIES)" IN R.S.F. NO. 118/2, 3, 4B, 12, 13, 14, 18, 188/1A, 189/8B, 9B, AT MUKASIPUDHUR VILLAGE AND
PANCHAYAT, ANTHIYUR TALUK, ERODE DISTRICT.
APPLICANT:- M/s. SPAC STARCH PRODUCTS (INDIA) PRIVATE LIMITED.,



14	P-903 A/B	ETHANOL ISSUE TRANSFER PUMP	-	0.5 T(EACH)
13	P-902 A/B	ETHANOL BULK TRANSFER PUMP	-	0.5 T(EACH)
12	P-901 A/B	ETHANOL DAILY TRANSFER PUMP	-	0.5 T(EACH)
11	HE-903 A/B	VENT CONDENSER FOR ETHANOL ISSUE TANKS	1.0 m2	0.3 T(EACH)
10	HE-902 A/B	VENT CONDENSER FOR ETHANOL BULK TANKS	1.0 m2	0.3 T(EACH)
09	HE-901 A/B/C	VENT CONDENSER FOR ETHANOL DAILY TANKS	1.0 m2	0.3 T(EACH)
03	T-903 A/B	ETHANOL ISSUE TANK	Ø6900 x 8750 HT.	320.0 (EACH) 350 T(EACH)
02	T-902 A/B	ETHANOL BULK STORAGE TANK	Ø20000 x 11750 HT.	3600.0 (EACH) 3750 T(EACH)
01	T-901 A/B/C	ETHANOL DAILY RECIEVER TANKS	Ø5300 x 7500 HT.	160.0 (EACH) 175 T(EACH)
SR.NO	EOP.NO.	DESCRIPTION	SIZE	CAPACITY IN KL
LADEN WT.				
ETHANOL STORAGE SECTION				



SECTION - AB



LOADING / UNLOADING SHED (BLOCK-4)

APPLICANT

For SPAC STARCH PRODUCTS (INDIA) PRIVATE LIMITED.
Chartered Engineer

ARCHITECTS:

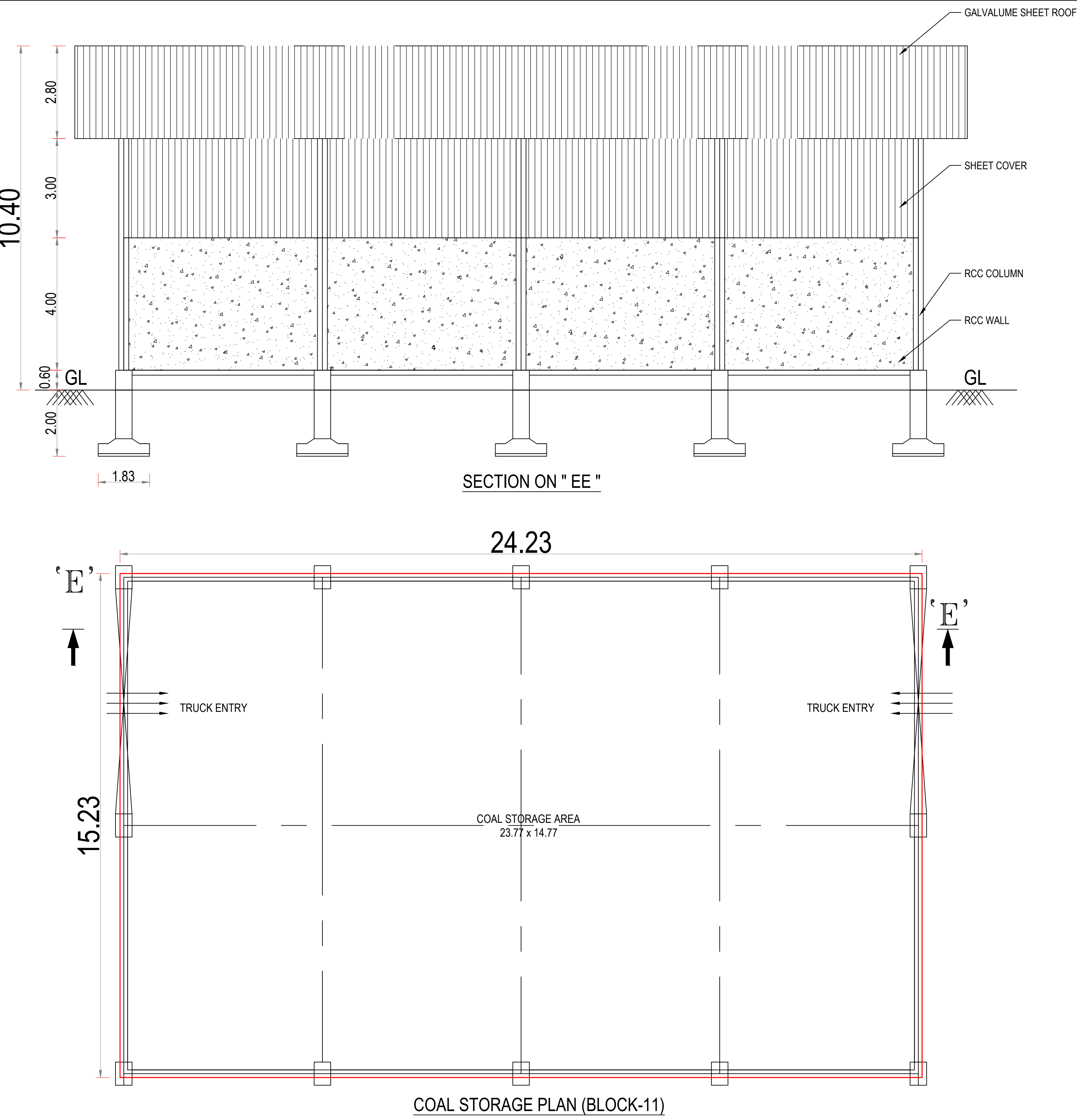
M. BHUVANASUNDAR
SUNDAR SUNDARAM ARCHITECTS
125-A, Thiruvananthapuram Road,
RACE COURSE, COIMBATORE - 641018.
REGD.No. Coimbatore LPA/RA/CR-119-03-2002

STRUCTURAL ENGINEER:

N. SELVAN, M.E., E.E., F.I.V.
Chartered Civil Engineer L.B.S.
126-A, Thiruvananthapuram Road,
RACE COURSE, COIMBATORE - 641018.
Chartered Engineer No : 64324
REGD.No. Coimbatore LPA/RA/CR-119-03-2002

PLAN SHOWING THE PROPOSED CONSTRUCTION OF GALVALUME SHEET ROOF & R.C.C. TERRACED ROOF GROUND, FIRST FLOOR BUILDING FOR " INDUSTRIAL PURPOSE (BIO ETHANOL PLANT - RED CATEGORY INDUSTRIES)" IN R.S.F. NO. 118/2, 3, 4B, 12, 13, 14, 18, 188/1A, 189/8B, 9B, AT MUKASIPUDHUR VILLAGE AND PANCHAYAT, ANTHIYUR TALUK, ERODE DISTRICT.

APPLICANT:- M/s. SPAC STARCH PRODUCTS (INDIA) PRIVATE LIMITED.,



APPLICANT

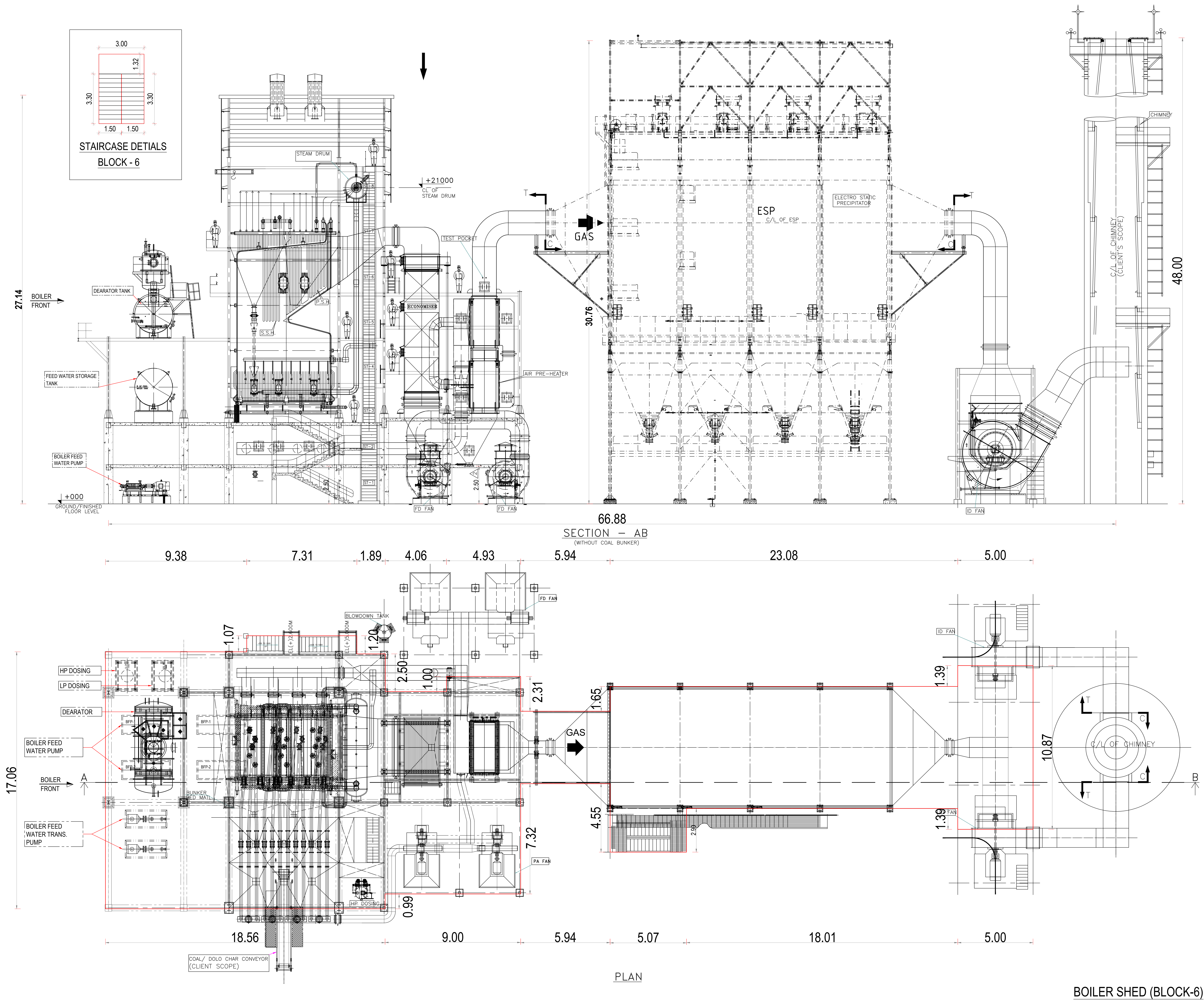
For SPAC STARCH PRODUCTS (INDIA) PRIVATE LIMITED.
Chief Operating Officer

ARCHITECTS:

M. Bhuvanashundar
B.Arch., M.B.E.M., A.I.A., A.I.I.T.D.,
Registered Architect, Regd. No. CA/86/10288
SUNDAR SUNDARAM ARCHITECTS
125-A, Thiruganasambandam Road,
RACE COURSE, COIMBATORE - 641018.
REGD No: Coimbatore LPA/RA/GR-4/19-03-002

STRUCTURAL ENGINEER:

N. SELVAN, M.E., E.I.E., E.I.V.,
Chartered Civil Engineer L.B.S.,
& Associated values
125-A, Thiruganasambandam Road,
Race Course, Coimbatore - 641 018.
Chartered Engineer No : 64324
REGD STRUCTURAL ENGINEER
No: Coimbatore LPA/RA/GR-4/19-03-003



PLAN SHOWING THE PROPOSED CONSTRUCTION OF GALVALUME SHEET
ROOF & R.C.C. TERRACED ROOF GROUND, FIRST FLOOR BUILDING FOR
" INDUSTRIAL PURPOSE (BIO ETHANOL PLANT - RED CATEGORY

INDUSTRIES)" IN R.S.F. NO. 118/2, 3, 4B, 12, 13, 14, 18, 188/1A, 189/8B,
9B, AT MUKASIPUDHUR VILLAGE AND PANCHAYAT, ANTHIYUR TALUK,
ERODE DISTRICT.

APPLICANT:- M/s. SPAC STARCH PRODUCTS (INDIA) PRIVATE LIMITED.,

LEGENDS:-	
NO. SR.	DESCRIPTION
01	BUCKET ELEVATOR
02	BUFFER HOPPER
03	GRAIN DISTRIBUTION SCREW CONVEYOR ABOVE CLASSIFIER
04	MOTORISED SLIDE GATE
05	PREMIUM PRE-CLEANER
06	BLOWER FOR CYCLONE
07	CYCLONE FOR PRE-CLEANER
08	ROTARY VALVE BELOW CYCLONE
09	HUMP TYPE MAGNETIC SEPARATOR
10	DESTONER
11	BLOWER FOR CYCLONE
12	CYCLONE FOR DESTONER
13	ROTARY VALVE BELOW CYCLONE
14	GRAIN COLLECTION SCREW CONVEYOR BELOW DESTONER
15	GRAIN DISTRIBUTION SCREW CONVEYOR ABOVE HOPPER
16	MOTORISED SLIDE GATE
17	BUFFER HOPPER
18	ROTA FEEDER
19	PREMIUM DISTILLERY GRAIN HAMMER MILL
20	CYCLONE FOR MILL AIR RELIVING SYSTEM
21	BLOWER FOR MILL AIR RELIEVING
22	ROTARY VALVE BELOW CYCLONE
23	FLOUR COLLECTION SCREW CONVEYOR BELOW MILL
24	FLOUR BUCKET ELEVATOR
25	SCREW CONVEYOR ABOVE ROTARY SCREEN
26	MOTORISED SLIDE GATE
27	CENTRIFUGAL ROTARY SCREEN
28	COLLECTION SCREW CONVEYOR(COARSE)
29	COLLECTION SCREW CONVEYOR(FINE)
30	FLOUR STORAGE SILO
31	BIN ACTIVATOR
32	ROTARY VALVE BELOW FLOUR SILO
33	COLLECTION SCREW CONVEYOR BELOW FLOUR SILO
34	FLOUR WEIGHING BUCKET ELEVATOR
35	SURGE HOPPER ABOVE WEIGH HOPPER
36	BIN ACTIVATOR
37	ROTARY VALVE BELOW SURGE HOPPER -K-1103
38	WEIGHING HOPPER
39	PNEUMATIC DUMP GATE
40	SURGE HOPPER BELOW WEIGH HOPPER
41	BIN ACTIVATOR
42	ROTARY VALVE BELOW SURGE HOPPER
43	REVERSE PULSE AIR JET DUST COLLECTOR
44	BLOWER FOR COMMON BAG FILTER
45	ROTARY VALVE BELOW COMMON BAG FILTER
46	SCREW CONVEYOR BELOW WEIGH HOPPER (PREMASHER)

APPLICANT

For SPAC STARCH PRODUCTS (INDIA) PRIVATE LIMITED
Sd/-
Chief Operating Officer

ARCHITECTS:

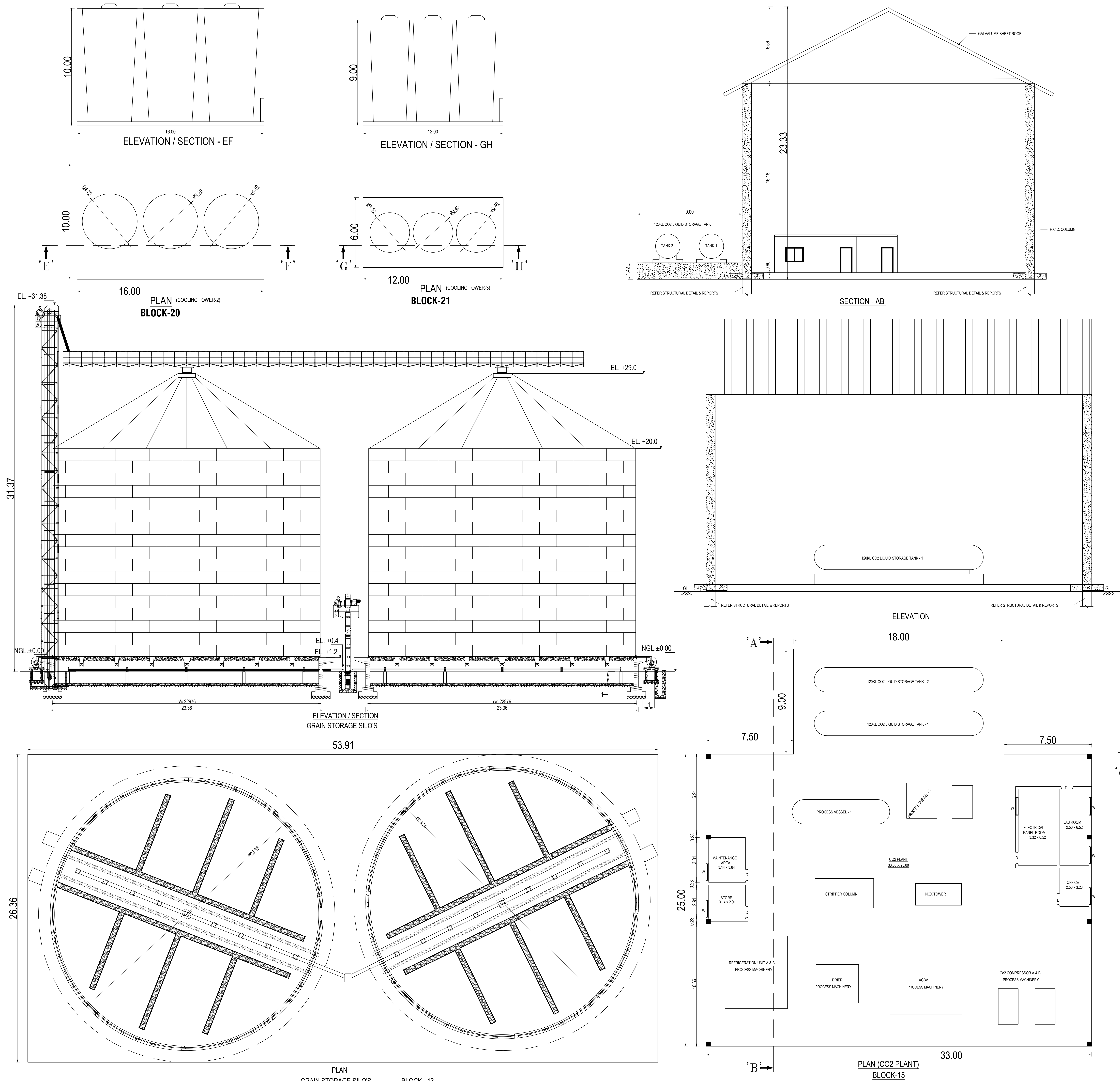
M. Bhuvanashundar
M. BHUVANASUNDAR
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Registered Architect, Regd. No. CA/86/10288
SUNDAR SUNDARAM ARCHITECTS
126-A, Thiruganasambandam Road,
RACE COURSE, COIMBATORE - 641018.
REGD No: Coimbatore LPA/RA/GR-4/19-03-002

STRUCTURAL ENGINEER:

N. Selvan
N. SELVAN, M.E., F.I.E., F.I.V.,
Chartered Civil Engineer L.B.S.
& Associated Partner
126-A, Thiruganasambandam Road,
Race Course, Coimbatore - 641 018.
Chartered Engineer No : 64324
REGD STRUCTURAL ENGINEER
No: Coimbatore LPA/RA/GR-4/19-03-003

PLAN SHOWING THE PROPOSED CONSTRUCTION OF GALVALUME SHEET ROOF & R.C.C. TERRACED ROOF GROUND, FIRST FLOOR BUILDING FOR " INDUSTRIAL PURPOSE (BIO ETHANOL PLANT - RED CATEGORY INDUSTRIES)" IN R.S.F. NO. 118/2, 3, 4B, 12, 13, 14, 18, 188/1A, 189/8B, 9B, AT MUKASIPUDHUR VILLAGE AND PANCHAYAT, ANTHIYUR TALUK, ERODE DISTRICT.

APPLICANT:- M/s. SPAC STARCH PRODUCTS (INDIA) PRIVATE LIMITED.,

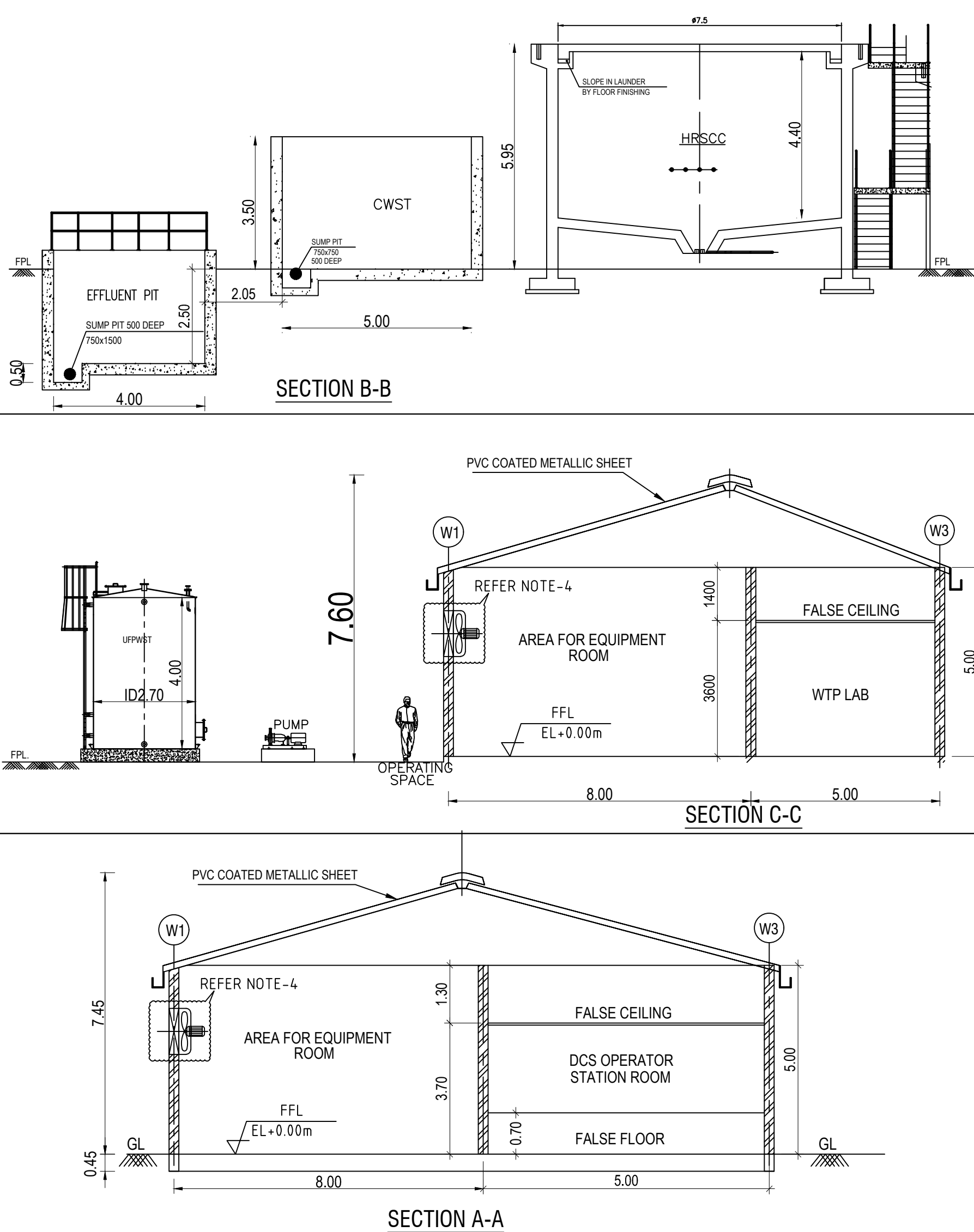
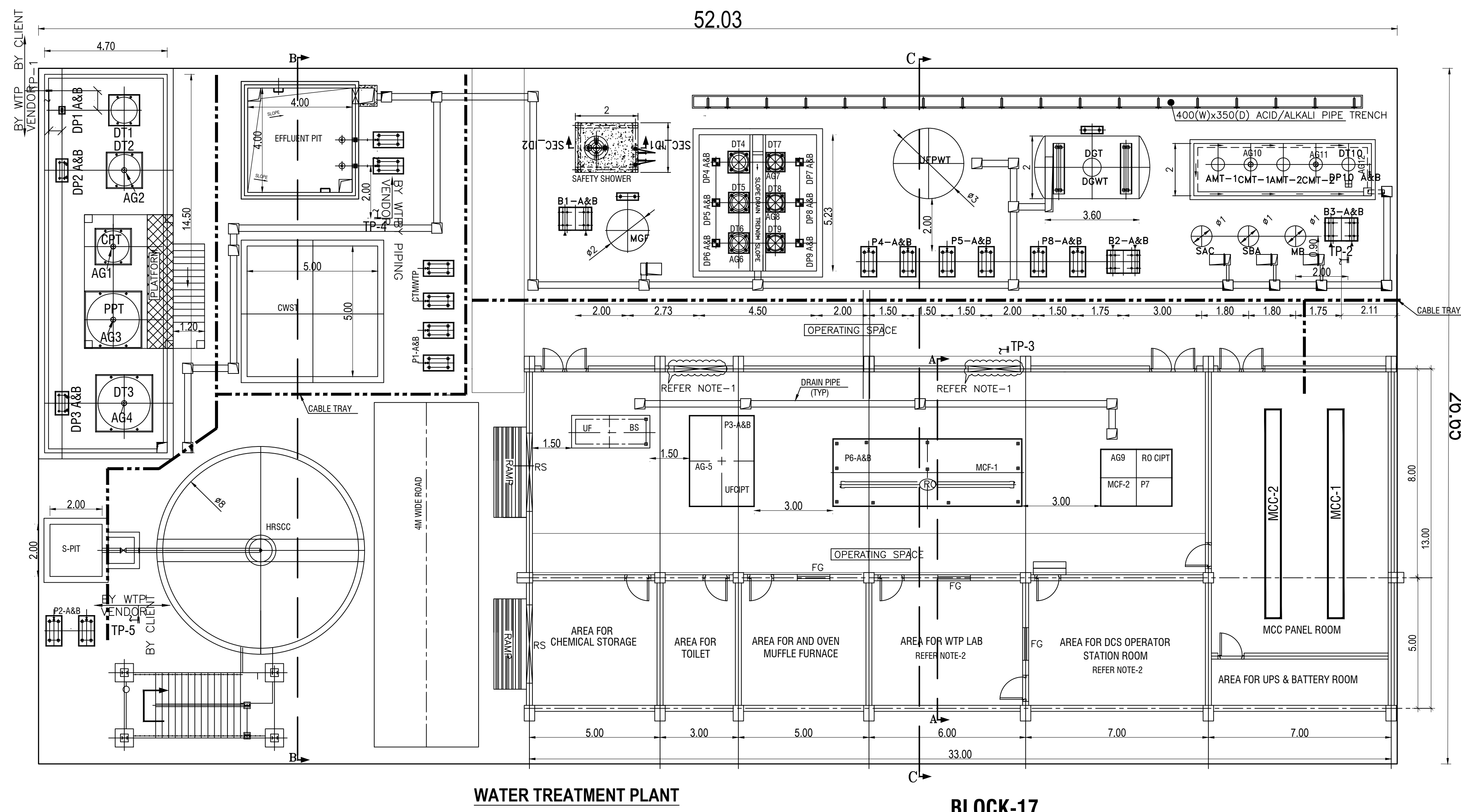
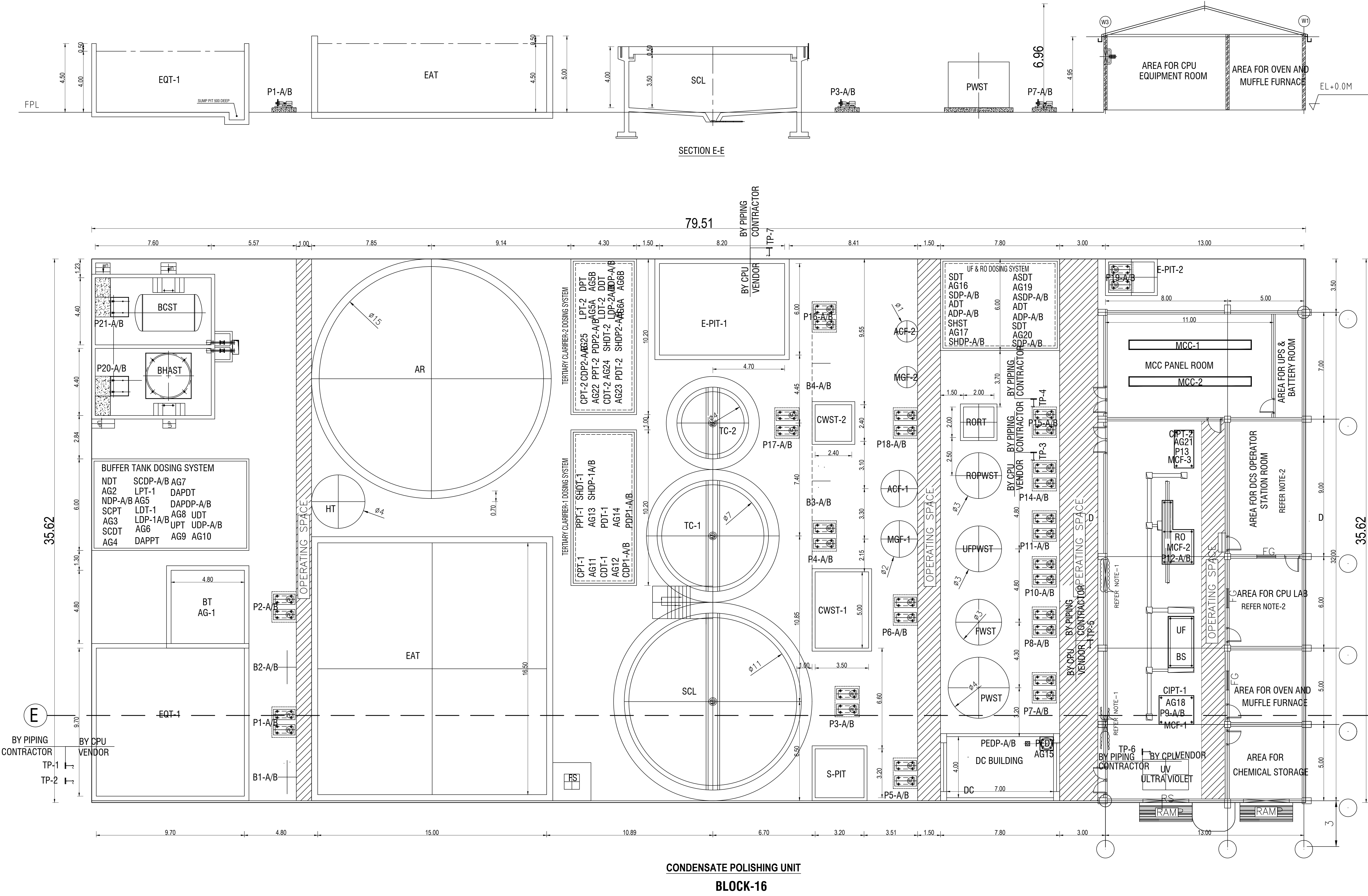


APPLICANT	
For SPAC STARCH PRODUCTS (INDIA) PRIVATE LIMITED <i>Chief Operating Officer</i>	
ARCHITECTS:	STRUCTURAL ENGINEER:
<i>M. Bhuvan Sundar</i> M. BHUVANASUNDAR B.Arch, M.E.S.E., A.I.A., A.I.T.E. Registered Architect, Regd. No. CA/86/10288 SUNDAR SUNDARAM ARCHITECTS 126-A, Thirugessaimondrum Road, RACE COURSE, COIMBATORE - 641018. REGD No: Coimbatore LPA/DA/CR-4/19-02-002	<i>N. Selvan</i> N. SELVAN, M.E., E.I.E., F.I.V. Chartered Civil Engineer I, B.S. & Architectural Consultant 126-A, Thirugessaimondrum Road, Race Course, Coimbatore - 641 018. Chartered Engineer No : 64324 REGD STRUCTURAL ENGINEER No: Coimbatore LPA/DA/CR-4/19-02-003

PLAN SHOWING THE PROPOSED CONSTRUCTION OF GALVALUME SHEET ROOF & R.C.C. TERRACED ROOF GROUND, FIRST FLOOR BUILDING FOR " INDUSTRIAL PURPOSE (BIO ETHANOL PLANT - RED CATEGORY INDUSTRIES)" IN R.S.F. NO. 118/2, 3, 4B, 12, 13, 14, 18, 188/1A, 189/8B, 9B, AT MUKASIPUDHUR VILLAGE AND PANCHAYAT, ANTHIYUR TALUK, ERODE DISTRICT.

APPLICANT:- M/s. SPAC STARCH PRODUCTS (INDIA) PRIVATE LIMITED.,

LIST OF EQUIPMENTS FOR CPU			LIST OF EQUIPMENTS FOR CPU		
S.NO	TAG	DESCRIPTION	S.NO	TAG	DESCRIPTION
01	EDT-1	EQUALISATION TANK-1	59	PEDT	DE-WATERING POLY-ELECTROLYTE DOSING TANK
02	P1-A/B	EQUALISED EFFLUENT TRANSFER PUMPS-1	60	AGIS	DE-WATERING POLY-ELECTROLYTE DOSING AGITATOR
03	B1-A/B	EDT-1 AIR BLOWERS	61	PEDP-A/B	DE-WATERING POLY-ELECTROLYTE DOSING PUMP
04	BT	BUFFER TANK	62	CWST-1 & B	CLEAR WATER STORAGE TANK - 1 & 2
05	P2-A/B	ANAEROBIC REACTOR FEED PUMPS	63	P6-A/B & P-18A/B	MGF-1 FEED PUMPS & MGF-2 FEED PUMPS
06	AG1	BUFFER TANK MIXER	64	MGF-1&2	MULTI GRADE FILTER
07	NDT	NUTRIENT DOSING TANK	65	ACF-1&2	ACTIVATED CARBON FILTER
08	AG2	NUTRIENT DOSING TANK AGITATOR	66	B3-A/B&B4-A/B	MGF BLOWER
09	NDP-A/B	NUTRIENT DOSING PUMP	67	PWST	PROCESS WATER STORAGE TANK
10	SCPT	SODIUM CARBONATE PREPARATION TANK	68	PT-A/B	PROCESS WATER TRANSFER PUMP
11	AG3	SODIUM CARBONATE PREPARATION TANK AGITATOR	69	PWST	FILTER WATER STORAGE TANK
12	SCDT	SODIUM CARBONATE DOSING TANK	70	P8-A/B	UF FEED PUMPS
13	AG4	SODIUM CARBONATE DOSING TANK AGITATOR	71	BS	BASKET STRAINER
14	SDCP-A/B	SODIUM CARBONATE DOSING PUMP	72	UF	ULTRA FILTRATION MODULE
15	LPT-1&2	LIME PREPARATION TANK	73	SDT	UF SODIUM HYPO DOSING TANK
16	AG5 & 5A	LIME PREPARATION TANK AGITATOR	74	AGIS	UF SODIUM HYPO DOSING TANK AGITATOR
17	LDT-1&2	LIME DOSING TANK	75	SDP-A/B	UF SODIUM HYPO DOSING PUMP
18	LDP-1&2A/B	LIME DOSING PUMP	76	ADT	UF ACID DOSING TANK
19	AG6 & 6A	LIME DOSING TANK AGITATOR	77	ADP-A/B	UF ACID DOSING TANK PUMP
20	DAPPT	DAP PREPARATION TANK	78	SHST	UF SODIUM HYDROXIDE DOSING TANK
21	AGT	DAP PREPARATION TANK AGITATOR	79	AGIT	UF SODIUM HYDROXIDE DOSING TANK AGITATOR
22	DAPPT	DAP PREPARATION TANK	80	SDP-A/B	UF SODIUM HYDROXIDE DOSING PUMP
23	DAPPT	DAP PREPARATION TANK	81	CPT-1	UF CP TANK
24	DAPPT	DAP PREPARATION TANK	82	ACR	UF CP TANK AGITATOR
25	UPT	UREA PREPARATION TANK	83	P9-A/B	UF CP PUMP
26	AGD	UREA PREPARATION TANK AGITATOR	84	MCF-1	UF CP MICRON CARTRIDGE FILTER
27	LDT	UREA DOSING TANK	85	P10-A/B	UF BACKWASH PUMP
28	UDP-A/B	UREA DOSING PUMP	86	UPFWST	UF PERMEATE WATER STORAGE TANK
29	AGD	UREA DOSING TANK AGITATOR	87	P11-A/B	RO FEED PUMP
30	AR	ANAEROBIC REACTOR	88	ASDT	RO ANTISCALANT DOSING TANK
31	FS	FLARE STACK	89	AGD	RO ANTISCALANT DOSING TANK AGITATOR
32	HT	HOLDING TANK	90	ASDP-A/B	RO ANTISCALANT DOSING PUMP
33	EAT	EXTENDED AERATION TANK	91	ADT	RO ACID DOSING TANK
34	B2-A/B	EAT AIR BLOWER	92	ADP-A/B	RO ACID DOSING TANK PUMP
35	SCL	SECONDARY CLARIFIER	93	SDT	SMBS DOSING TANK
36	P3-A/B	SLUDGE TRANSFER PUMPS-1	94	AGD	SMBS DOSING TANK AGITATOR
37	CPT-1&2	COAGULANT PREPARATION TANK	95	SDP-A/B	SMBS DOSING PUMP
38	AG11 & AG22	COAGULANT PREPARATION TANK AGITATOR	96	MCF-2	MICRON CARTRIDGE FILTER
39	CPT-1&2	COAGULANT DOSING TANK	97	P12-A/B	RO HIGH PRESSURE PUMP
40	AG12 & AG23	COAGULANT DOSING TANK AGITATOR	98	RO	REVERSE OSMOSIS
41	COP 1&2 -A/B	COAGULANT DOSING PUMP	99	CPT-2	RO CP TANK
42	PPT-1&2	POLY PREPARATION TANK	100	AG-21	AGITATOR FOR RO CP TANK
43	AG13 & AG24	POLY PREPARATION TANK AGITATOR	101	MCF-3	RO CP MICRON CARTRIDGE FILTER
44	PPT-1&2	POLY DOSING TANK	102	P13	RO CP PUMP
45	AG14 & AG25	POLY DOSING TANK AGITATOR	103	ROPTWST	RO PERMEATE WATER STORAGE TANK
46	PDP 1&2 -A/B	POLY DOSING PUMP	104	P14-A/B	RO PERMEATE TRANSFER PUMP
47	SHOT-1&2	SODIUM HYPO DOSING TANK	105	RORT	RO REJECT TANK
48	SDHP-1&2A/B	SODIUM HYPO DOSING PUMP	106	P15-A/B	RO REJECT TRANSFER PUMP
49	DP1	DOLomite PREPARATION TANK	107	E-PIT-1	EFFLUENT PIT (INORGANIC)
50	AG58	DOLomite PREPARATION TANK AGITATOR	108	P16-A/B	EFFLUENT TRANSFER PUMP (INORGANIC)
51	DDT	DOLomite DOSING TANK	109	TC-2	TERTIARY (CLARIFIER)-2
52	DDP-A/B	DOLomite DOSING PUMP	110	P17-A/B	SLUDGE TRANSFER PUMPS-3
53	AG68	DOLomite DOSING TANK AGITATOR	111	E-PIT-2	EFFLUENT PIT (UF & RO CIP)
54	TC-1	TERTIARY (CLARIFIER)-1	112	P19-A/B	EFFLUENT TRANSFER PUMP (UF & RO CIP)
55	P4-A/B	SLUDGE TRANSFER PUMPS-2	113	BHAST	BULK HYDROCHLORIC ACID STORAGE TANK
56	S-PIT	SLUDGE PIT	114	P20-A/B	BULK HYDROCHLORIC ACID UNLOADING PUMP
57	P5-A/B	DECANTER FEED PUMP	115	BCST	BULK CAUSTIC STORAGE TANK
58	DC	DECANTER CENTRIFUGE	116	P21-A/B	BULK CAUSTIC UNLOADING PUMP



S.NO	MARK NO.	DESCRIPTION
01	DT1	NH4OH DOSING TANK
02	DP1 A&B	NH4OH DOSING PUMP
03	CPT	COAGULANT PREPARATION TANK
04	AG1	AGITATOR FOR CPT
05	DT2	COAGULANT DOSING TANK
06	AG2	AGITATOR FOR DT2
07	DP2 A&B	COAGULANT DOSING PUMP
08	PPT	POLYMER PREPARATION TANK
09	AG3	AGITATOR FOR PPT
10	DT3	POLYMER DOSING TANK
11	AG4	AGITATOR FOR DT3
12	DP3 A&B	POLYMER DOSING PUMP
13	HRSCC	HIGH RATE SOLID CONTACT CLARIFIER
14	S-PIT	SLUDGE PIT
15	P2-A&B	SLUDGE TRANSFER PUMP
16	CWST	CLEAR WATER STORAGE TANK
17	P1-A&B	FILTER FEED PUMP
18	MGF	MULTI GRADE FILTER
19	B1-A&B	MGF AIR BLOWER
20	UF	ULTRA FILTRATION SKID
21	BS	BASKET STRAINER
22	UF CIP	UF CIP TANK
23	P3-A&B	UF CIP PUMP
24	AG5	AGITATOR FOR UF CIP TANK
25	UPFWST	UF PERMEATE WATER TANK
26	P4-A&B	UF BACKFLUSH PUMP
27	P5-A&B	RO FEED PUMP
28	DT4	HYPO DOSING TANK - UF
29	DP4 A&B	HYPO DOSING TANK - UF
30	DT5	HCL DOSING TANK - UF
31	DP5 A&B	HCL DOSING TANK - UF
32	DT6	ALKALI DOSING TANK - UF
33	DP6 A&B	ALKALI DOSING TANK - UF
34	AG6	AGITATOR FOR DT6
35	DT7	DECHLORINATION DOSING TANK
36	DP7 A&B	DECHLORINATION DOSING PUMPS
37	AG7	AGITATOR FOR DT7
38	DT8	ANTISCALANT DOSING TANK
39	DP8 A&B	ANTISCALANT DOSING PUMPS
40	AG8	AGITATOR FOR DT8
41	DT9	HCL DOSING TANK
42	DP9 A&B	HCL DOSING PUMPS

S.NO	MARK NO.	DESCRIPTION
43	RO	REVERSE OSMOSIS PLANT
44	MCF-1&2	MICRON CARTRIDGE FILTER
45	P6 A&B	HIGH PRESSURE PUMP
46	RO CIP	RO CHEMICAL CLEANING TANK
47	P7	RO CHEMICAL CLEANING PUMP
48	AG9	AGITATOR FOR RO CIP
49	DGT	DEGASSER TOWER
50	DGWT	DEGASSER WATER TANK
51	P8-A&B	MB FEED PUMP
52	B2-A&B	DG AIR BLOWER
53	SAC	STRONG ACID CATION EXCHANGE
54	SBA	WEAK BASE ANION EXCHANGE
55	AMT-1&2	ACID MEASURING TANK
56	CDT-1&2	CAUSTIC DILUTION TANK
57	MB	MIXED BED UNIT
58	AG10&AG11	AGITATOR FOR CDT
59	B3-A&B	MB AIR BLOWER
60	DT10	pH CORRECTION DOSING TANK
61	DP10 A&B	pH CORRECTION DOSING PUMP
62	AG12	AGITATOR FOR DT10
63	BAT	BULK ACID STORAGE TANK
64	P9-A&B	ACID UNLOADING PUMP
65	BCU	BULK CAUSTIC STORAGE TANK
66	P10-A&B	CAUSTIC UNLOADING PUMP
67	OHT-A	OVER HEAD TANK
68	SSEW-A	SAFETY SHOWER EYE WASH

APPLICANT

For SPAC STARCH PRODUCTS (INDIA) PRIVATE LIMITED
Chief Operating Officer

ARCHITECTS:

M. BHUVANASUNDAR
B.Arch, M.Arch, A.I.A., A.U.I.B.
Registered Architect, Regd. No. CA/86/10288
SUNDAR SUNDARAM ARCHITECTS
125-A, Thiruvananthapuram Road
RACE COURSE, COIMBATORE - 641018.
REGD No. Coimbatore LPA/20/CR/19/03-002

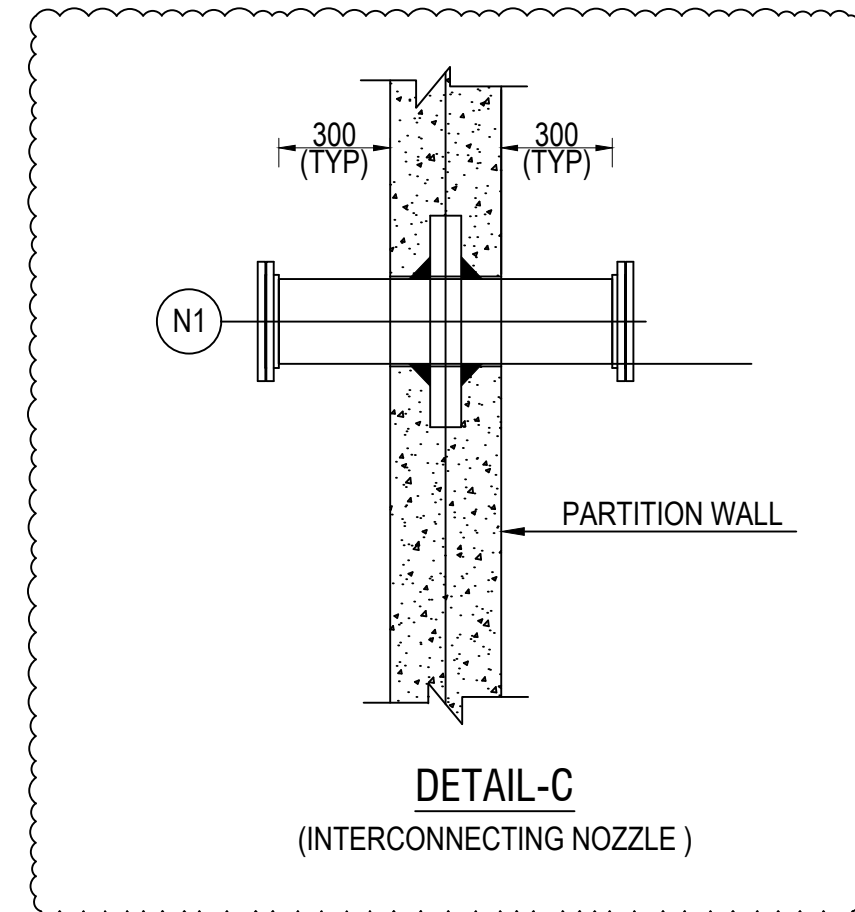
STRUCTURAL ENGINEER:

N. SELVAN, M.E., F.I.E., F.I.V.
Chartered Civil Engineer, I.E.S.
125-A, Thiruvananthapuram Road,
RACE COURSE, COIMBATORE - 641 018.
Chartered Engineer No : 64324
REGD STRUCTURAL ENGINEER
No. Coimbatore LPA/20/CR/19/03-003

APPLICANT:-

Technical drawing of a spillage plate assembly. The drawing shows a cross-section of the structure with various dimensions and labels. Key components and dimensions include:

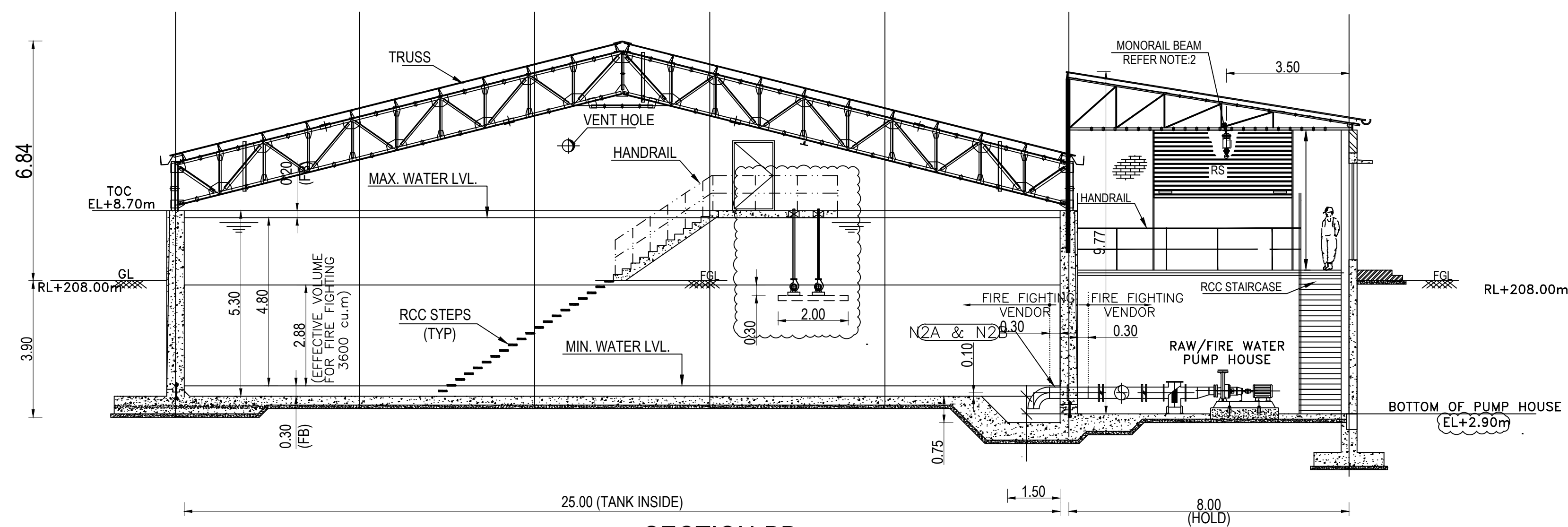
- Labels:** PIPING VENDOR, CLIENT, PIPING VENDOR, TOC, FGL, EL+6.70m, RL+208.00m, MAX WL, PUDDLE FLANGE, DRAIN TRENCH, SPILLAGE PLATE, SQ. 400x10THK.
- Dimensions:**
 - 3.00' (horizontal distance from FGL to PUDDLE FLANGE)
 - 1.18' (vertical distance from MAX WL to PUDDLE FLANGE)
 - 0.30' (vertical distance from PUDDLE FLANGE to TOC)
 - 0.45' (horizontal distance from PUDDLE FLANGE to the right edge of the spillage plate)
 - 6.47' (vertical distance from the base to the PUDDLE FLANGE)
 - 7.56' (vertical distance from the base to the TOC)
- Notes:**
 - * MARKED DIMENSION TO BE VERIFIED AT SITE BEFORE FABRICATION OF OVERFLOW PIPING.
 - (N3A, B, C & D)



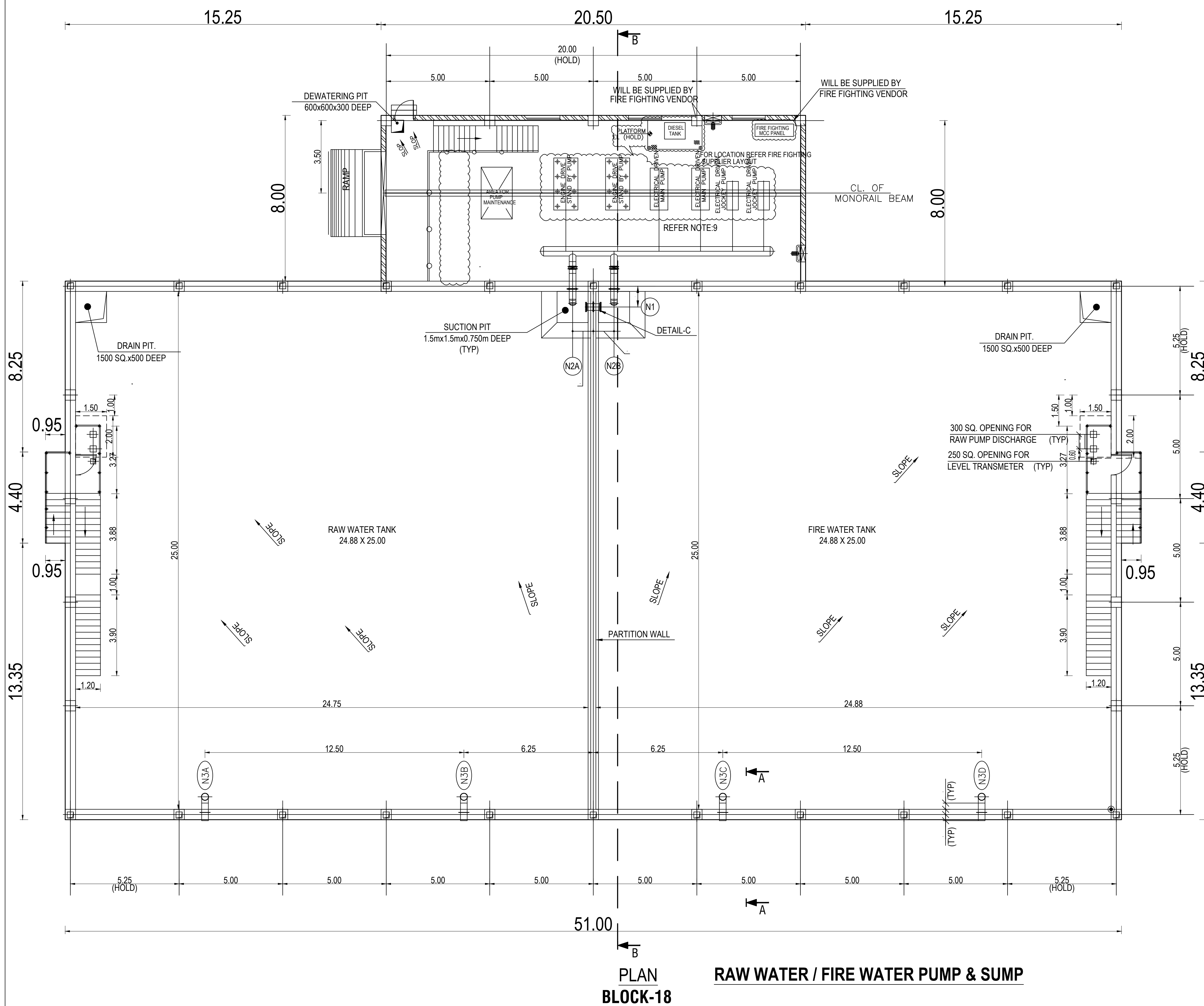
SL. NO.	NOZZLE NO.	PIPE SIZE (ODxTHK)	d1	t	HOLD
01	N1	323.9x8	445	10	
02	N2A&B	323.9x8	445	10	
03	N3A,B,C&D	323.9x8	445	10	

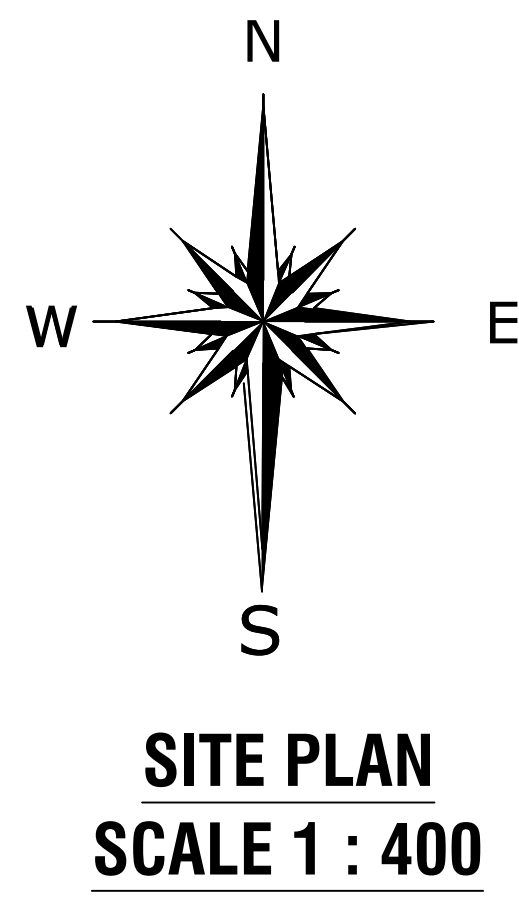
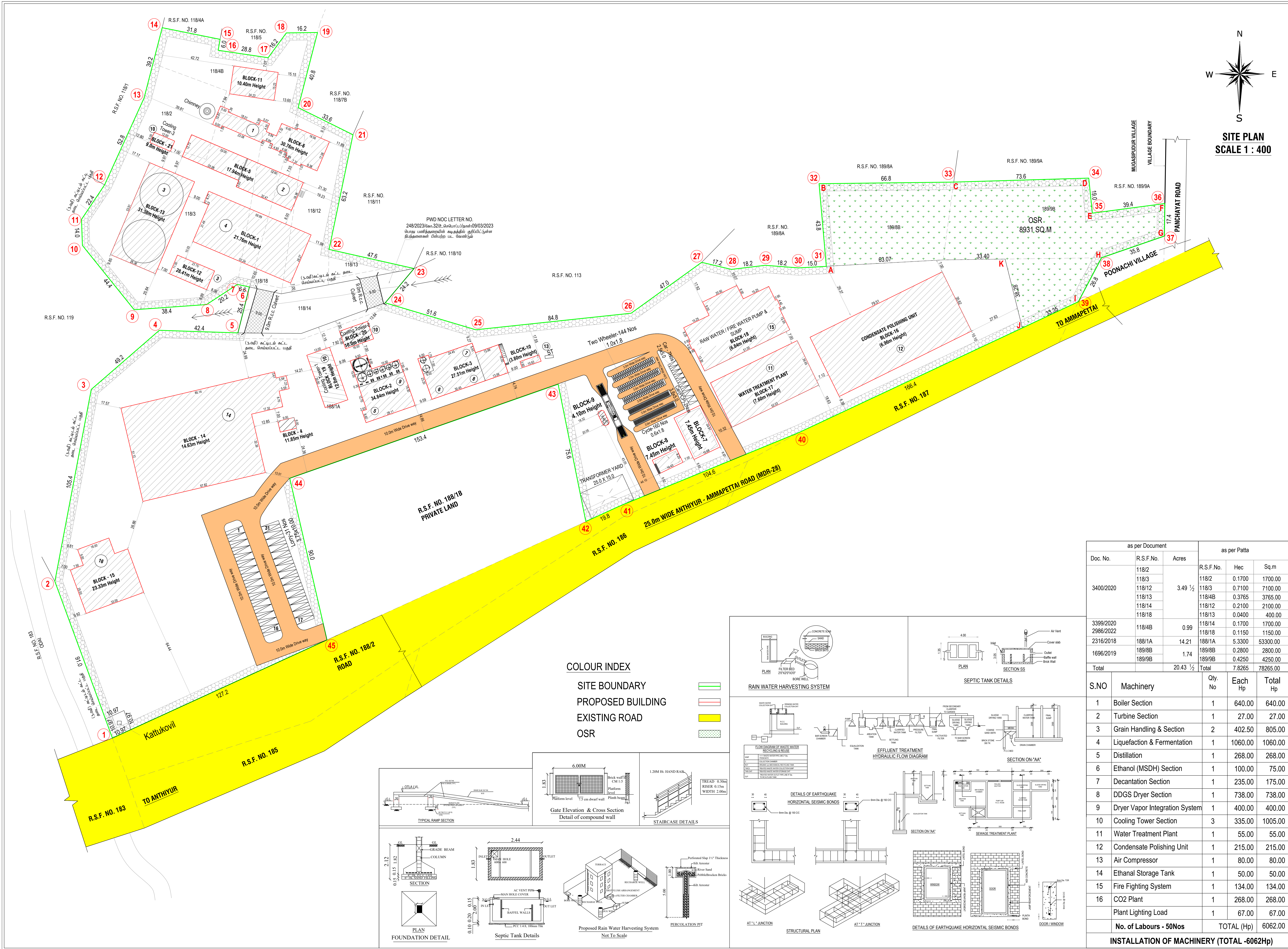
TYPICAL PUDDLE FLANGE DETAIL

SECTION-AA
(FIRE WATER TANK OVERFLOW NOZZLE)



SECTION-BB
(FOR FIRE WATER PUMP SUCTION DETAIL)





SITE PLAN			SHEET NO. 1/8
PLAN SHOWING THE PROPOSED CONSTRUCTION OF GALVALUME SHEET ROOF & R.C.C. TERRACED ROOF GROUND, FIRST FLOOR BUILDING FOR " INDUSTRIAL PURPOSE (BIO ETHANOL PLANT - RED CATEGORY INDUSTRIES)" IN R.S.F. NO. 118/2, 3, 4B, 12, 13, 14, 18, 188/1A, 189/8B, 9B, AT MUKASIPUDHUR VILLAGE AND PANCHAYAT, ANTHIYUR TALUK, ERODE DISTRICT.			
APPLICANT:- M/s. SPAC STARCH PRODUCTS (INDIA) PRIVATE LIMITED.,			
AREA STATEMENT			
TOTAL AREA OF THE SITE (as per Document) - 20.435 Acres		- 82697.59 SQ.M	
TOTAL AREA OF THE SITE (as per Patta) -		- 78265.00 SQ.M	
AREA DETAILS			
FLOOR NAME	TOTAL BUILTUP AREA (Sq.M)	NON-FSI AREA (Sq.M)	FSI AREA (Sq.M)
BLOCK-1 (FERMENTATION PLANT)	1636.71	--	1636.71
BLOCK-2 (DISTILLATION & INTEGRATED EVAPORATION PLANT)	760.26	--	760.26
BLOCK-3 (DECANTATION, DDGS DRYER & DDGS GODOWN)	872.58	--	872.58
BLOCK-4 (LOADING/UNLOADING SHED)	54.00	--	54.00
BLOCK-5 (TG BUILDING)	992.12	--	992.12
BLOCK-6 (BOILER SHED)	734.75	--	734.75
BLOCK-7 (ADMIN)	GROUND FLOOR	390.59	--
	FIRST FLOOR	390.59	--
BLOCK-8 (CANTEEN)	GROUND FLOOR	118.76	--
	FIRST FLOOR	118.76	--
BLOCK-9 (WEIGH BRIDGE OFFICE)	29.58	--	29.58
BLOCK-10 (TOILET)	38.99	--	38.99
BLOCK-11 (COAL STORAGE)	369.02	--	369.02
BLOCK-12 (MILLING SECTION PLANT)	239.25	--	239.25
BLOCK-13 (GRAIN SILO-2 Nos)	1421.01	--	1421.01
BLOCK-14 (PESO PLANT)	3882.87	--	3882.87
BLOCK-15 (CO2 PLANT)	987.00	--	987.00
BLOCK-16 (CPU)	2831.93	--	2831.93
BLOCK-17 (WTP)	1386.39	--	1386.39
BLOCK-18 (RWT / FWT)	1498.36	--	1498.36
BLOCK-19 (COOLING TOWER-1)	390.00	--	390.00
BLOCK-20 (COOLING TOWER-2)	160.00	--	160.00
BLOCK-21 (COOLING TOWER-3)	72.00	--	72.00
TOTAL AREA	19375.52	--	19375.52
REVISED PARKING DETAILS			
PARKING TYPE	REQUIRED	PROVIDED	
LORRY Every 500Sq.m (workspace) One Lorry Space (3500/500)	07	31	
CAR Every 100Sq.m One Car Space (781.20/100)	08	07	
CAR (Physically Challenged)		02	
TWO WHEELER Every 50Sq.m (workspace) One Two wheeler (3500/50)	70	144	
CYCLE	70	160	
OSR	8269.76 Sq.M (10%)	8931.00 Sq.M (10.7%)	
SCALE 1:400	ALL DIMENSIONS ARE IN " METRE "		
PLOT COVERAGE = $\frac{18866.20}{78265.00} \times 100 = 24.11\%$			
FLOOR SPACE INDEX = $\frac{19375.50}{78265.00} = 0.248$			
APPLICANT			
For SPAC STARCH PRODUCTS (INDIA) PRIVATE LIMITED Chartered Engineer			
ARCHITECTS:		STRUCTURAL ENGINEER:	
M. SHIVANASUNDAR SUNDAR SUNDARAM ARCHITECTS 126-A, Thiruvengadam Road RACE COURSE, COMBATORE - 641018 REGD No: Comptroller LPA/2003/1843/002		N. SELVAN, M.E., F.I.E., F.I.V. Chartered Civil Engineer (I.B.S. & Associated member 126-A, Thiruvengadam Road, Race Course, Combatore - 641 018. Chartered Engineer No : 64324 REGD STRUCTURAL ENGINEER No: Comptroller LPA/2003/1843/003	