

TENDER CODING SHEET (RATE EXCLUSIVE OF GST TO BE FILLED UP BY THE TENDERER IN THIS CODING SHEET)					
NAME OF WORK : PROVIDING UPFLOW FILTER SEPTIC TANK FOR A,B,C,D,E,F,G AND H BLOCK FOR THE WORK OF CONSTRUCTION OF 236 NOS. OF PC/HC QUARTERS FOR TSP XII BATTALION AT SAKKARAKOTTAI VILLAGE IN RAMANATHAPURAM DISTRICT (GROUP-I)					
<i>Item. No.</i>	<i>Description</i>	<i>Qty</i>	<i>Unit</i>	<i>Rate exclusive of GST in figures and in words</i>	<i>Amount</i>
1.5	Earth work excavation for Open foundation (excluding refilling) a. 0 to 2 mt.	594.00	1 Cum		
2.6	Supplying and filling with 40mm HBSJ in Dispersion trench	11.92	1 Cum		
2.7	Supplying and filling with 20mm HBSJ in Dispersion trench	11.92	1 Cum		
13.1	Filling with excavated earth	172.00	1 Cum		

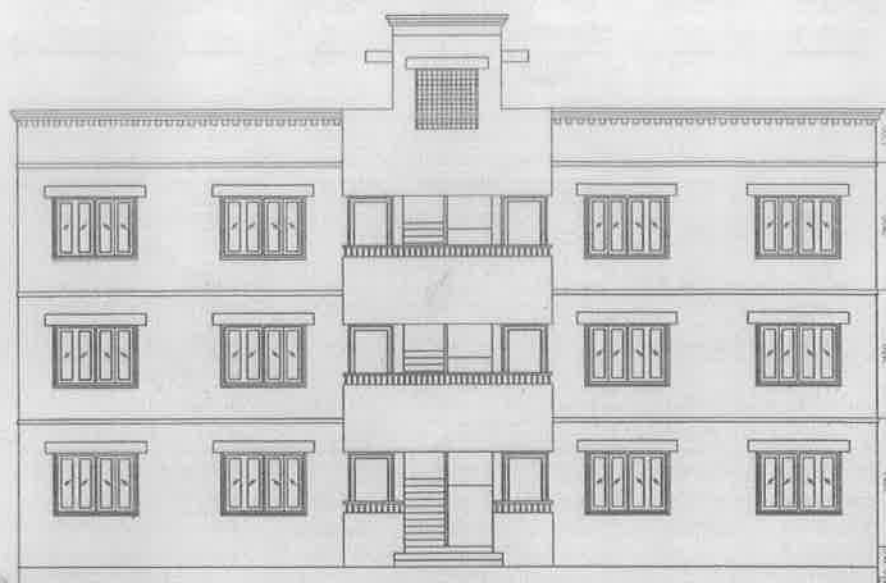
<i>Item. No.</i>	<i>Description</i>	<i>Qty</i>	<i>Unit</i>	<i>Rate exclusive of GST in figures and in words</i>	<i>Amount</i>
61.1	Supplying, laying the Stone ware pipe with ISI mark superior variety (Glazed) with Spigot and socket ends in dry conditons b. 150 mm dia	8.00	1 Rmt		
238	Electrical arrangements Anticorrosive treatment for steel reinforcement rods	6.048	1 MT		
2.1.3	Annexure Supplying and filling in Dispersion trench and similar nature of work with filling Crushed stone sand	15.88	1 Cum		
3.1.1	C.C.1:5:10 using 40mm size HBSJ for Foundation & Basement using crushed stone sand	45.60	1 Cum		

<i>Item. No.</i>	<i>Description</i>	<i>Qty</i>	<i>Unit</i>	<i>Rate exclusive of GST in figures and in words</i>	<i>Amount</i>
3.2.1	P.C.C. 1:2:4 using 20mm size HBSJ for Foundation & Basement and other similar works using crushed stone sand	67.20	1 Cum		
3.10.1	P.C.C. 1:3:6 with 20mm HBSJ using crushed stone sand for foundation and basement	0.80	1 Cum		
4.5.1	Standardized Concrete mix M30 Grade using crushed stone sand a. In Foundation and basement	50.40	1 Cum		
6.7.1	Brick work in C.M. 1:5 (F& B) using fly ash bricks of size 23x11x7cm using crushed stone sand	120.80	1 Cum		

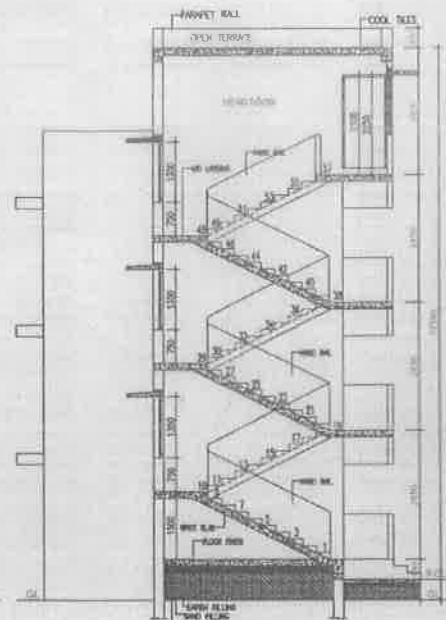
<i>Item. No.</i>	<i>Description</i>	<i>Qty</i>	<i>Unit</i>	<i>Rate exclusive of GST in figures and in words</i>	<i>Amount</i>
14.2.1	Precast Cupboard slab in standardised concrete mix M30 Grade by using 3mm - 10mm HBGS Jelly 40MM Thick a. In Foundation & Basement	11.20	1 Sqm		
18.1	Formwork using M.S.Sheet a. For Column footings, plinth beam, Grade beam, Raftbeam, Raft slab etc.,	83.60	1 Sqm		
	b. Plain surfaces such as Roof slab, floor slab, Beams, lintels, lofts, sill slab, staircase, portico slab and other similar works	190.40	1 Sqm		
	d. For Vertical wall	51.20	1 Sqm		

<i>Item. No.</i>	<i>Description</i>	<i>Qty</i>	<i>Unit</i>	<i>Rate exclusive of GST in figures and in words</i>	<i>Amount</i>
28.1	Floor plastering in C.M. 1:4, 20mm thick. using crushed stone sand	191.60	1 Sqm		
33.1	Plastering in C.M. 1:5, 12 mm tk. using crushed stone sand	375.20	1 Sqm		
34.1	Plastering in C.M. 1:4, 12 mm tk. using crushed stone sand	392.00	1 Sqm		
43.1.1	Supplying, Fabricating and fixing of Mild steel / RTS grills (without cement slurry wash) reinforcement for all sizes of rods (Binding Wire insulated with PVC)	6.048	1 MT		

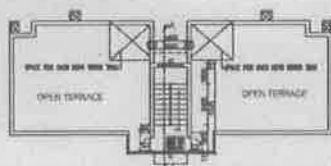
<i>Item. No.</i>	<i>Description</i>	<i>Qty</i>	<i>Unit</i>	<i>Rate exclusive of GST in figures and in words</i>	<i>Amount</i>
58.5	Supplying and fixing of PVC (SWR) pipe with ISI mark - type 'A' for Ventilating shaft with cowl a) 110mm dia PVC SWR pipe of 3m with required PVC cowl & PVC specials etc.,	4	Each		
	TOTAL				
(Rupees					
)					



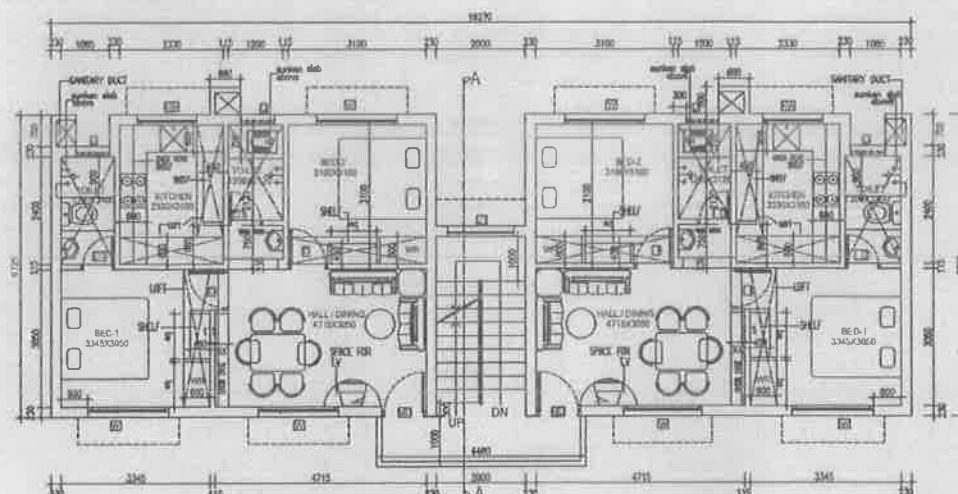
FRONT ELEVATION (TENTATIVE)



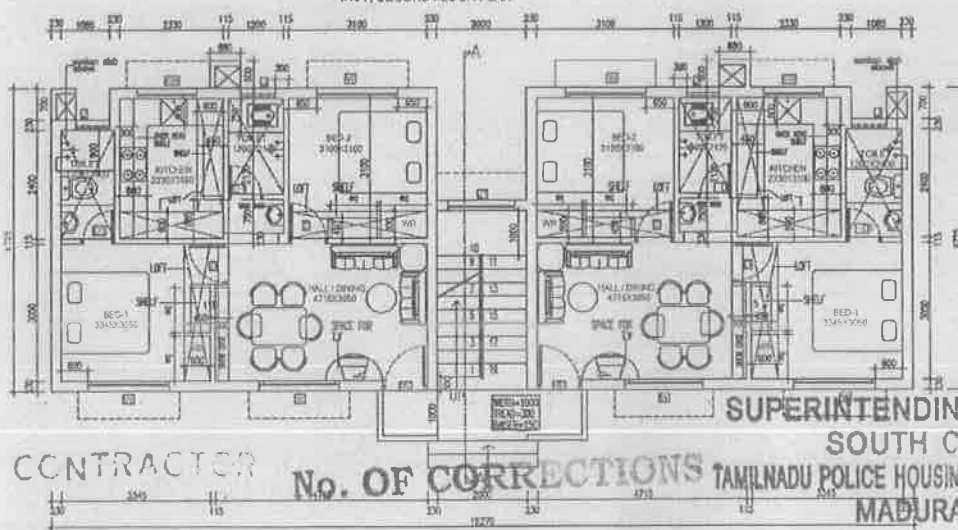
SECTION-AA



TERRACE FLOOR PLAN



FIRST, SECOND FLOOR PLAN



GROUND FLOOR PLAN

THE DESIGN SPECIFICATIONS (DP/20/11)

1. The following materials are used:
2. Specifications for certain items are as follows:
3. Reinforcing steel is provided by cool steel.
4. The main door is provided.
5. External staircase for each unit is provided.
6. External staircase for each unit is provided.
7. Perimeter wall height raised from 1m to 1.2m.

SCHEDULE OF JOINERY

TYPE	DESCRIPTION	SLT
M1	MAIN DOOR 1.5' FRAME WITH REAR WOOD SHUTTER	10000/100
D	DOOR FRAME WITH WOOD SHUTTER	9000/100
D1	PVC SOLID DOOR	7500/100
W	WALL DOOR	8000/100
W1	WALL DOOR	10000/100
W2	WALL DOOR	10000/100
W3	WALL DOOR	10000/100
W4	WALL DOOR	10000/100
W5	WALL DOOR	10000/100
W6	WALL DOOR	10000/100
W7	WALL DOOR	10000/100
W8	WALL DOOR	10000/100
W9	WALL DOOR	10000/100
W10	WALL DOOR	10000/100

SPECIFICATION

1. ROOFING: ROOFING WORK IN C/I 1st
2. ROOF: R.C.C. SLAB WITH SUFFICIENT REINFORCEMENT AND PROTECTED WITH COOL TILES.
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AREA STATEMENT

GROUND FLOOR AREA	50.41
FIRST FLOOR AREA	121.14
SECOND FLOOR AREA	121.14
TOTAL AREA	292.69
AREA PER UNIT (60.57 SQM (652 SFT) (INCLUDING THE STAIRCASE)	303.42

NOTE

1. [X] INDICATES THE LIFT POSITION AT LIFT LEVEL.
2. STAIRCASE: 1.200-300 MM RISE-150 MM.
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PROPOSED PCHC QTRS (6 IN 1 - G+2)

S.NO.
VILLAGE
TOWN/TALUK
DISTRICT

SCALE: 1:50

DRAWING NO. DP/20/11/15

DATE: 04.06.15

SA/ 04.06.15

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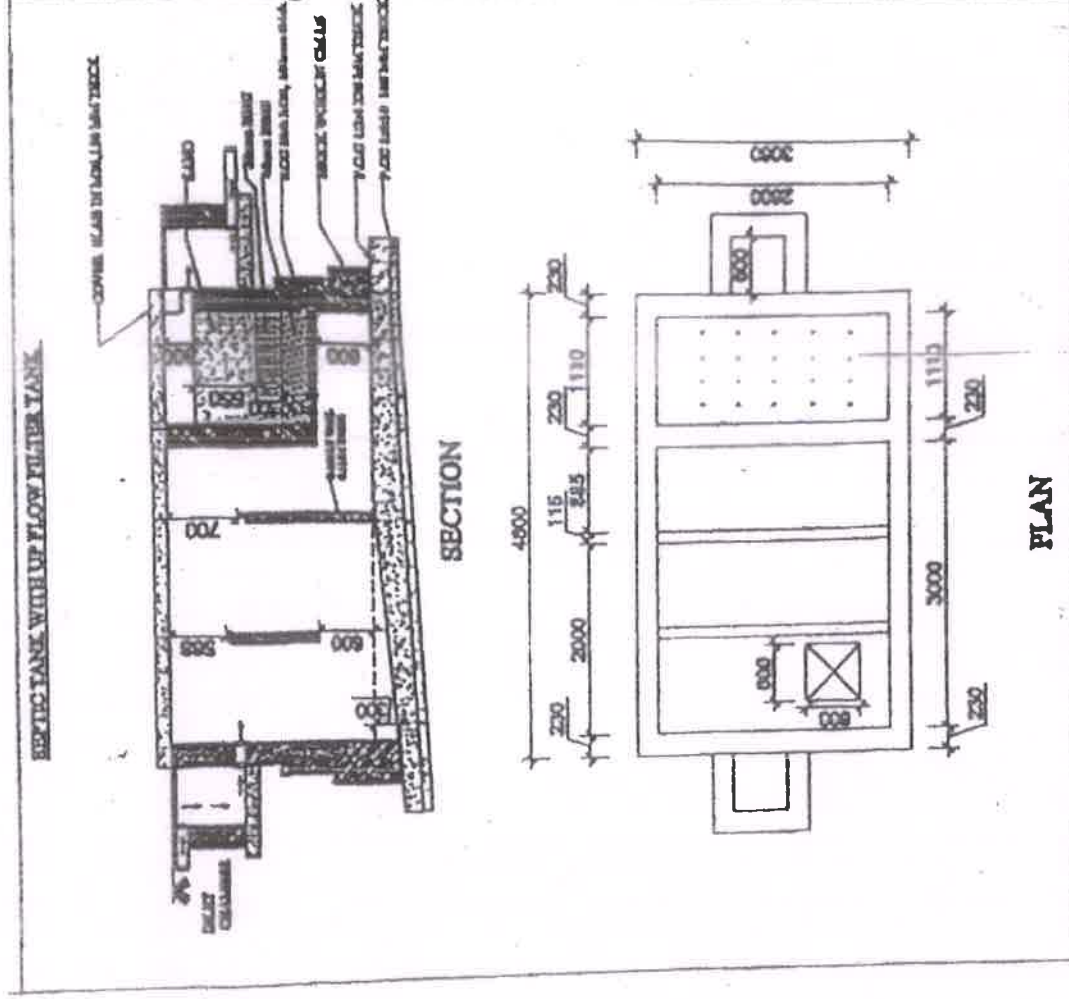
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Name of work:- Providing upflow
filter septic tank for 236 Nos of
Pe/Hc quarters at Sakkarakottai
village in Ramanathapuram District
(Group-I)

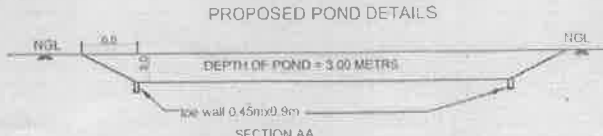
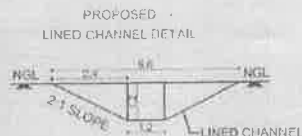
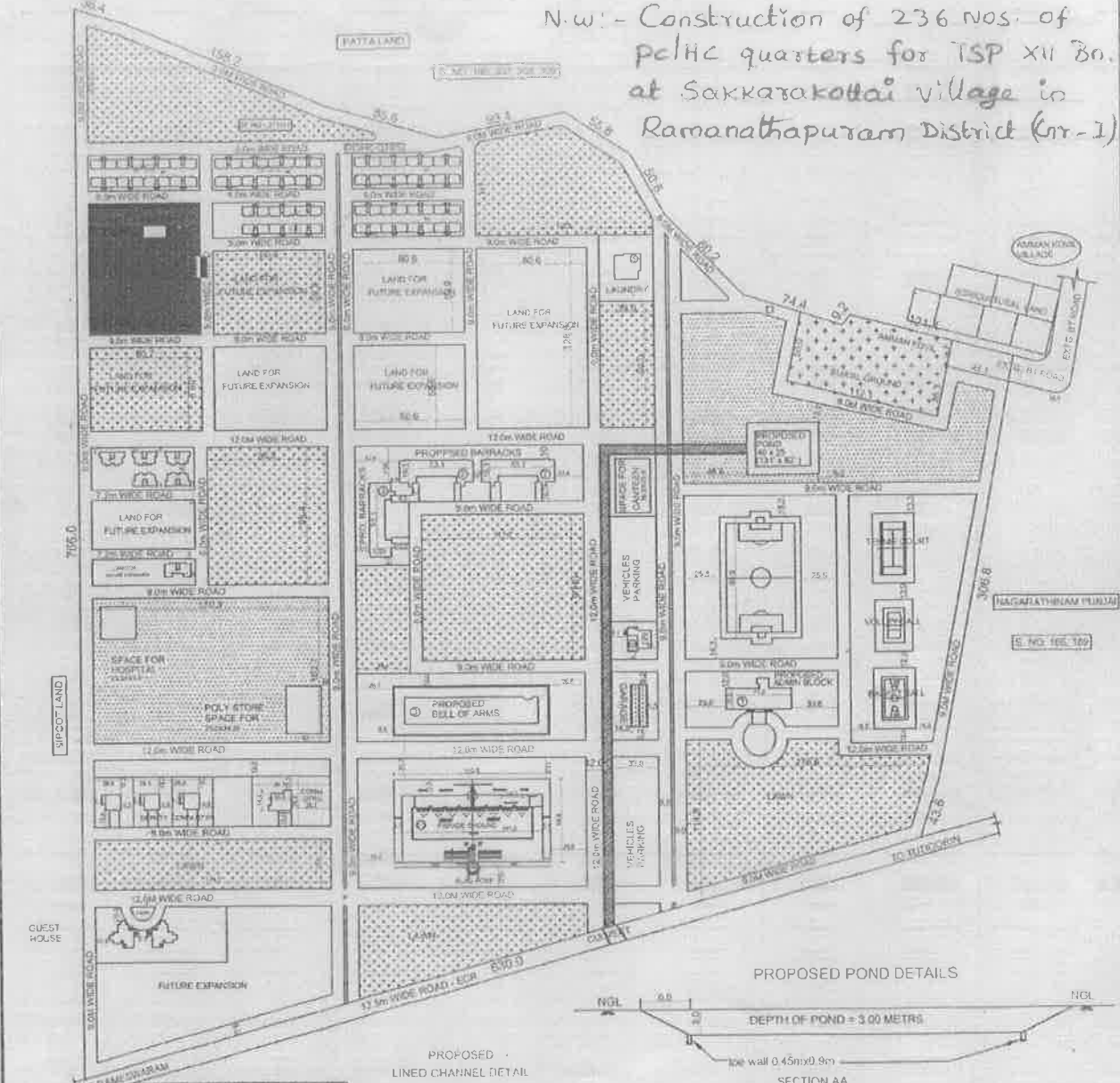


SUPERINTENDING ENGINEER
SOUTH CIRCLE
TAMILNADU PUBLIC WORKS CORPORATION LTD.,
CHENNAI-600 004.

No. OF CORRECTIONS

CONTRACTOR

N.W. - Construction of 236 nos. of
polic quarters for TSP XII Bn.
at Sakkarakottai village in
Ramanathapuram District (Mr-1)

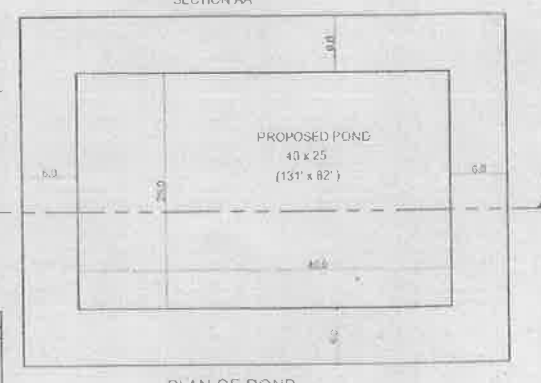


TYPE OF BUILDING	NO. OF BLOCKS	NO. OF STORIES	NO. OF FLOORS	AREA SQ.M
COMBINATION	1	1	4-1	285.04
OFF. COMBINATION	1	1	1	118.12
WATER	1	1	1	118.12
M.T. SHED	1	1	1	118.12
PUR. TANK	1	1	1	118.12
STAFF HOUSE	1	1	1	118.12
TOTAL	6	1	1	118.12

FUTURE QUARTERS REQUIRED					FUTURE QUARTERS				
TYPE OF BUILDING (STORY)	NO. OF BLOCKS	NO. OF STORIES	NO. OF FLOORS	AREA SQ.M	TYPE OF BUILDING	NO. OF BLOCKS	NO. OF STORIES	NO. OF FLOORS	AREA SQ.M
COMBINATION	1	1	4-1	285.04	COMBINATION	1	1	4-1	285.04
DEPT. COMBINATION	1	1	1	118.12	DEPT. COMBINATION	1	1	1	118.12
WATER	1	1	1	118.12	WATER	1	1	1	118.12
M.T. SHED	1	1	1	118.12	M.T. SHED	1	1	1	118.12
PUR. TANK	1	1	1	118.12	PUR. TANK	1	1	1	118.12
STAFF HOUSE	1	1	1	118.12	STAFF HOUSE	1	1	1	118.12
TOTAL	6	1	1	118.12	TOTAL	6	1	1	118.12

FUTURE				REVISIONS			
NO.	DESCRIPTION	DATE	BY	NO.	DESCRIPTION	DATE	BY
1	GUEST HOUSE - 42 NOS			1	REVISION		
2	GUEST HOUSE - 10 NOS			2	REVISION		
3	M.T. SHED			3	REVISION		
4	GARAGE			4	REVISION		
5	GUARD ROOM			5	REVISION		
6	STAFF HOUSE			6	REVISION		

PROPOSED					AREA STATEMENT	
BLOCK NO.	TYPE OF BUILDING	NO. OF BLOCKS	NO. OF FLOORS	AREA SQ.M	DATE AMPLD: 03/06/2015 BY: 1	
1	COMBINATION	1	4-1	285.04	PROJECT NO: 1000-01	
2	OFF. COMBINATION	1	1	118.12		
3	WATER	1	1	118.12		
4	M.T. SHED	1	1	118.12		
5	PUR. TANK	1	1	118.12		
6	STAFF HOUSE	1	1	118.12		
TOTAL		6	1	118.12		



SAKKARAKOTTAI - TSP XII B BATTALION				REVISIONS			
NO.	DESCRIPTION	DATE	BY	NO.	DESCRIPTION	DATE	BY
1	REVISION			1	REVISION		
2	REVISION			2	REVISION		
3	REVISION			3	REVISION		
4	REVISION			4	REVISION		
5	REVISION			5	REVISION		

CONTRACTOR

No. OF CORRECTIONS

SUPERINTENDING ENGINEER
SOUTH CIRCLE
TAMILNADU POLICE HOUSING CORPORATION LTD.,
MADURAI-14.