



BUILDING MATERIALS & TECHNOLOGY PROMOTION COUNCIL
MINISTRY OF HOUSING & URBAN POVERTY ALLEVIATION, GOVT. OF INDIA
CORE-5A, FIRST FLOOR, INDIA HABITAT CENTRE, LODHI ROAD, NEW DELHI - 110003

BMT/SFO/IITF/2015
October 16, 2015

NOTICE INVITING TENDER

Sub: Fabrication of Models of Demonstration Housing Projects

Building Materials & Technology Promotion Council (BMTPC), an autonomous organization under the administrative control of Ministry of HUPA, has been into promotion of appropriate building materials and construction technologies since 1990. BMTPC is participating in HUDCO Build Tech at hall no. 5 in India International Trade Fair (IITF) 2015 from 14-27 November 2015 at Pragati Maidan, New Delhi. In this connection, BMTPC invites sealed quotations from reputed Modelers for fabrication of following Models of demonstration housing projects of BMTPC:

- i. Model of Demonstration Housing Project at Nellore (G+1) – Scale 1:150
- ii. Model of Demonstration Housing Project at Bhubaneswer (G+3) – Scale 1:100

Interested Modelers may quote their rates on the following terms & conditions:

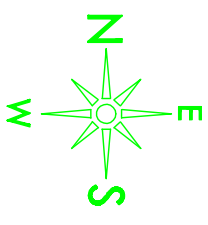
1. The specification of the models will be as under:
 - a. Wooden Base suitable for the models
 - b. Model to be fabricated in plastic/PVC
 - c. 5 mm thick transparent plastic cover
 - d. Wooden cover for full model in 12 mm thick ply with lifting and handling arrangementThe drawings of both the projects are enclosed at Annexures.
2. The Modelers which are carrying the similar kind of work during the last three years would be eligible. The documents related to the similar kind of work carried out earlier should be enclosed.
3. The Modelers shall submit copies of PAN No. and ITR for last three years.
4. All the material shall be of good quality.
5. The work should be completed in all respects by 10th November, 2014, as per the direction and satisfaction of BMTPC.
6. The quoted rates shall include all charges FOR BMTPC Office, New Delhi inclusive of taxes.
7. BMTPC reserves the right to reject one or all of the quotations without assigning any reason thereof.
8. No advance shall be paid. The payment shall be made only after delivery of the models and to the satisfaction of BMTPC.
9. The interested Modelers may submit sealed envelopes superscribing '**Quotation for Fabrication of Models of Demonstration Housing Projects**'. The last date for submission of the quotation is **October 26, 2015 by 02.00 PM** at the following address:

The Executive Director
BMTPC
Core 5A, 1st Floor,
India Habitat Centre, Lodi Road,
New Delhi-110 003

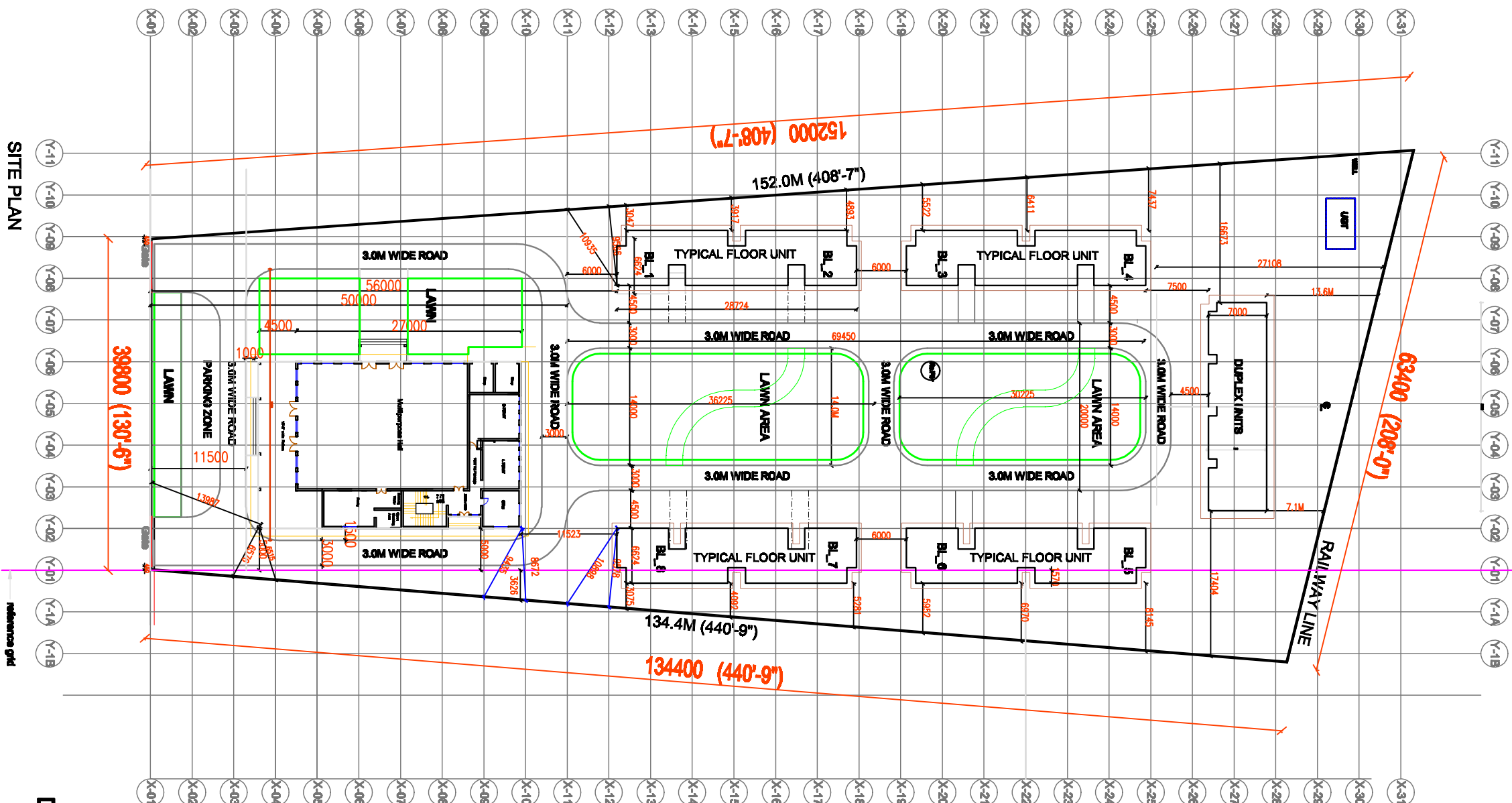
For any queries or clarifications, you may visit BMTPC office between 1000hrs to 1800hrs from Monday to Friday.

A.K. Tiwari
Chief (PMT & Admin.)

Area of Site=1.85 Acre



- Septic Tank (3.5x1.5x1.5)
- UG Water Tank (6.0x3.0x1.5)
- Recharge Pit (1.80)

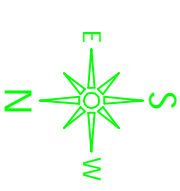


SITE PLAN

DEMARKATION PLAN

PROJECIT
Proposed Demonstration Houses & Com.Center at Saraswathi Nagar of Chowtapalem Village, Venkatchalam Mandal,SPS Nellore District.

DRAWN TITLE		<p>LANDING AUTHORITY/LOCAL AUTHORITY/REGULATORY AUTHORITY/COMPASSIONATE OFFICER, P&W DEPARTMENT, TAMIL NADU GOVT. ENGINEERING COLLEGE, NELLORE DISTRICT, NELLORE.</p>
DESIGNED	SITE PLAN	
LP_01	NORTH	



NOTES:
 ALL DIMENSIONS SHALL BE CHECKED AND CO-RELATED WITH THE STRUCTURAL DRAWINGS AND SHALL BE AS PER THE ARCHITECT'S INTENTION. THE NOTE OF THE ARCHITECTS SHOULD BE COMING BEFORE THE WORK.
TECHNICAL NOTES:
 1. ALL DIMENSIONS ARE IN MILLIMETER
 2. ALL LEVELS ARE IN METER
GENERAL NOTES:
 F.F.L - FINISHED FLOOR LEVEL
 F.G.L - FORMED GROUND LEVEL
 ↗ - INDICATES 15 MM DROP IN TOILET FLOOR.
 T.O.G - TOP OF CURB

NOTE:
 1. ALL TOILETS ARE TWO IN ONE WATER CLOSET.
 2. REFER SEPARATE DRAWING FOR TOILET / BATHING DETAIL.
 3. REFER SEPARATE JOINERY DRAWING FOR JOINERY DETAILS.
 4. REFER SEPARATE DRAWING FOR STAIRCASE DETAIL.
 5. REFER SEPARATE DRAWING FOR FLOORING DETAIL.

JOINERY SCHEDULE

TYPE	SIZE	DESCRIPTION
DOOR		
WD	1000 X 2100	PRECAST R.C. DOOR FRAME IN M25 CONCRETE WITH 1000 X 1000 X 1000 SHUTTERS, COUNTRY WOOD-FRAME
DT	900 X 2100	PRECAST R.C. DOOR FRAME IN M25 CONCRETE WITH 900 X 1000 X 1000 SHUTTERS, COUNTRY WOOD-FRAME.
W2	750 X 2100	PVC DOOR
WINDOW		
W1	1200 X 1350	PRESSED STEEL WINDOW FRAME & GLAZED WINDOW WINDOW FRAME & GLAZED WINDOW
W2	1200 X 1050	PRESSED STEEL WINDOW FRAME & GLAZED WINDOW

VENTILATOR

VI	800 X 600	PRESSED STEEL WINDOW FRAME & GLAZED TOP HUNG VENTILATOR
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NO.	DATE	DESCRIPTION	DRN. CHKD. APPD.
		REVISIONS	
		WORKING DRAWING:-	
		TYPICAL FLOOR - TYPE 'A'	
		GROUND FLOOR PLAN	

DRAWN: MK
CHECKED: MK
SCALE: 1/75
DATE: 06-08-15

CLIENT:

 BUILDING MATERIALS & TECHNOLOGY PROMOTION COUNCIL,
 MINISTRY OF HOUSING & URBAN POVERTY ALLEVIATION (Central India),
 CORE-504, 1st FLOOR, ANDA VASHTI CENTRE,
 LODHI ROAD, NEW DELHI -110003

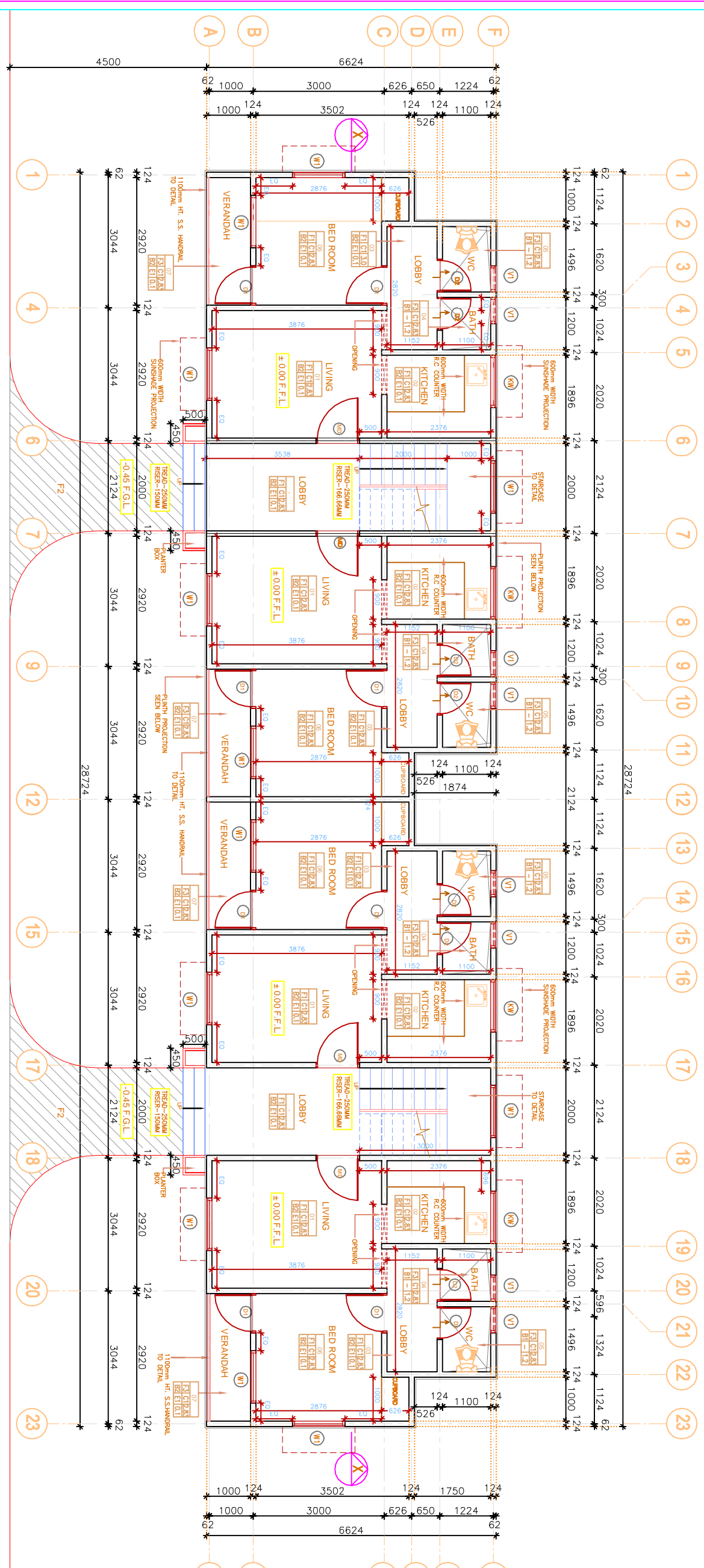
CONSULTANT:

 BUILDING TECHNOLOGY & CONSTRUCTION MANAGEMENT
 DIVISION,
 DEPARTMENT OF CIVIL ENGINEERING
 INDIAN INSTITUTE OF TECHNOLOGY MADRAS
 CHENNAI - 600 036.

PROJECT:
 PROPOSED DEMONSTRATION HOUSES & COM. CENTER AT
 SARASWATHI NAGAR OF
 CHOWPALEEN VILLAGE, VENKATACHALAM MANDAL, SPS
 WELLORE DISTRICT.

ARCHITECTS:
 THRESHOLD ARCHITECTS
 No. 5, 8th LANE, MOORA NAGAR
 ADYAR, CHENNAI-20.
 PHONE: 4211 5890 / 4211 5891
 EMAIL: enquiry@thresholdarchitects.com

JOB NO.: DRG. NO. **TYPE-A**



ENTRY

ENTRY

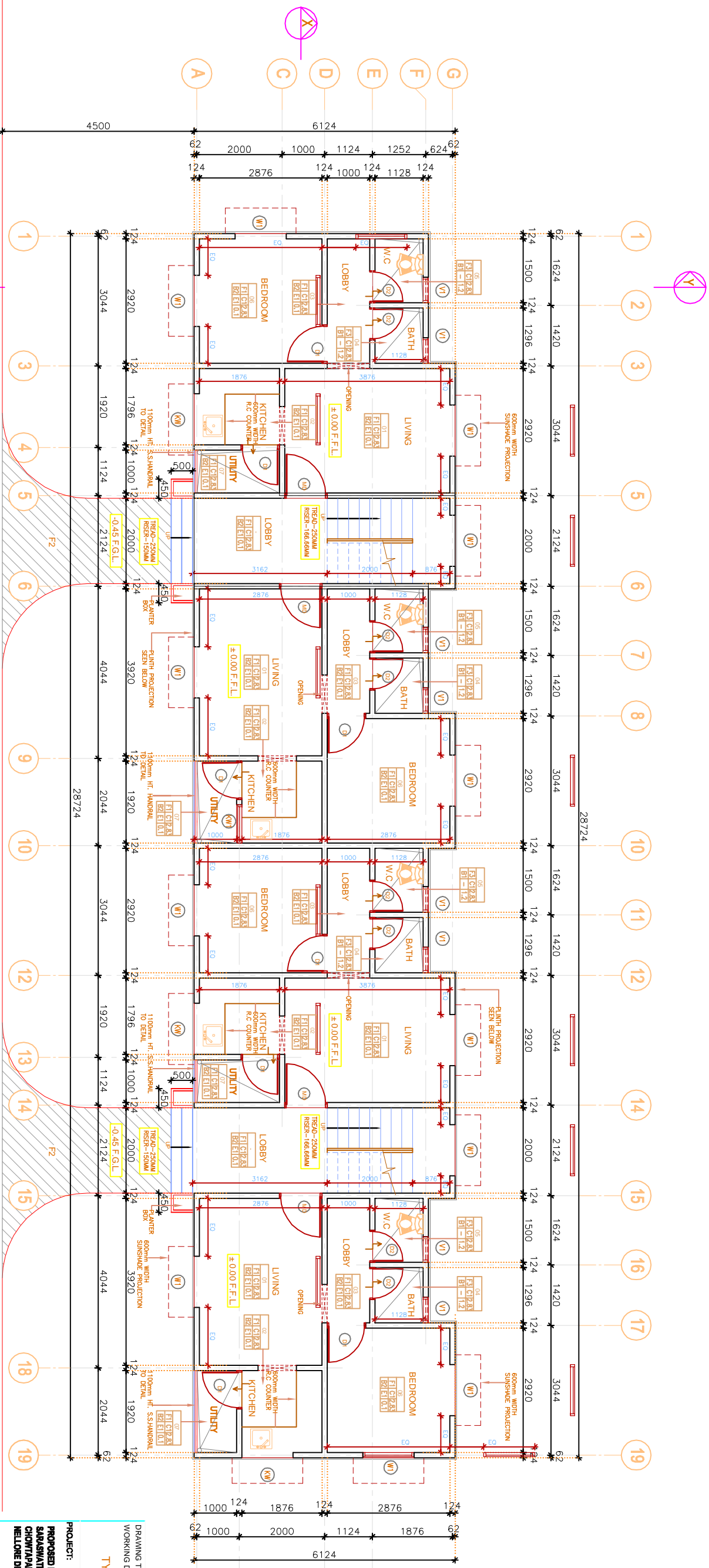
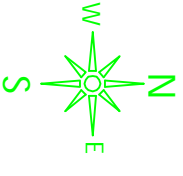


GROUND FLOOR PLAN

NOTE:
 1. ALL TREAD AND RISER FINISHED WITH POLISHED CUDDAPPA STONE
 2. ALL KITCHEN COUNTER POLISHED CUDDAPPA STONE (ABOVE THE COUNTER 600MM HEIGHT DADO CERAMIC TILE FINISH)

FINISHING SCHEDULE

FLOOR FINISH	WALL FINISH
F1 - POLISHED CUDDAPPA STONE FLOORING	B1 - CERAMIC TILES
F2 - PAVERS TILE	B2 - PLASTIC EMULSION PAINTED OVER TWO COATS OF PUTTY
F3 - CERAMIC TILE FLOORING	B3 - WATER PROOF PAINT - EXTERIOR
	C1 - SMOOTH FINISH WITH EMULSION PAINT
	SKIRTING FINISH
	F1 - POLISHED CUDDAPPA STONE FLOORINGS



GROUND FLOOR PLAN

FINISHING SCHEDULE

FLOOR FINISH	WALL FINISH	CEILING FINISH	SKIRTING FINISH
F1 - POLISHED CUDDAPPA STONE FLOORING	B1 - CERAMIC TILES	C1 - SMOOTH FINISH WITH EMULSION PAINT	E1 - POLISHED CUDDAPPA STONE FLOORING
F2 - PAVERS TILE	B2 - PLASTIC EMULSION PAINTED OVER TWO COATS OF PUTTY		
F3 - CERAMIC TILE FLOORING	B3 - WATER PROOF PAINT - EXTERIOR		

NOTE :
 1. ALL TREAD AND RISER FINISHED WITH POLISHED CUDDAPPA STONE
 2. ALL KITCHEN COUNTER POLISHED CUDDAPPA STONE (ABOVE THE COUNTER 600MM HEIGHT DADO CERAMIC TILE FINISH)

JOINERY SCHEDULE

TYPE	SIZE	DESCRIPTION
MD	1000 X 2100	PRECAST R.C. DOOR FRAME IN M25 CONCRETE W/4 FLUSH DOOR SHUTTERS/COUNTRY WOOD-FRAME.
D1	900 X 2100	PRECAST R.C. DOOR FRAME IN M25 CONCRETE W/4 FLUSH DOOR SHUTTERS/COUNTRY WOOD-FRAME.
D2	750 X 2100	PVC DOOR
WI	1200 X 1350	PRECAST STEEL WINDOW FRAME & GLAZED WINDOW
KW	1200 X 1050	PRECAST STEEL WINDOW FRAME & GLAZED WINDOW
KWT	900 X 1050	PRECAST STEEL WINDOW FRAME & GLAZED WINDOW
VI	600 X 600	PRESSED STEEL WINDOW FRAME & GLAZED WINDOW

NOTES :
 ALL DIMENSIONS SHALL BE CHECKED AND CO-ORDINATED WITH THE STRUCTURAL DRAWING AND ANY AMBIGUITY SHALL BE IMMEDIATELY BROUGHT TO THE NOTICE OF THE ARCHITECTS BEFORE COMMENCEMENT OF THE WORK.
TECHNICAL NOTES:
 1. ALL DIMENSIONS ARE IN MILLIMETER
 2. ALL LEVELS ARE IN METER
GENERAL NOTES:
 F.F.L. - FINISHED FLOOR LEVEL
 F.O.L. - FORMED GROUND LEVEL
 + - - INDICATES 15 MM DROP IN TOILET FLOOR.
 T.O.G. - TOP OF GIRTS
NOTE:
 1. ALL TOILETS ARE TWO IN ONE WATER CLOSET.
 2. REFER SEPARATE DRAWING FOR TOILET / RAINING DETAIL.
 3. REFER SEPARATE JOINERY DRAWING FOR JOINERY DETAILS.
 4. REFER SEPARATE DRAWING FOR STAIRCASE DETAIL.
 5. REFER SEPARATE DRAWING FOR FLOORING DETAIL.

NO.	DATE	DESCRIPTION	DRN. CHKD. APPD.

CLIENT:
 BUILDING MATERIALS & TECHNOLOGY PRODUCTION COUNCIL
 MINISTRY OF HOUSING & URBAN POVERTY ALLEVIATION (MHPA)
 C-35A, 1st FLOOR, INDIA VAPARVA CENTRE,
 LOCHI ROAD, NEW DELHI - 110083

CONSULTANT:
 BUILDING TECHNOLOGY & CONSTRUCTION MANAGEMENT
 DIVISION,
 DEPARTMENT OF CIVIL ENGINEERING
 INDIAN INSTITUTE OF TECHNOLOGY MADRAS
 CHENNAI - 600 098.

ARCHITECTS:
 THRESHOLD ARCHITECTS
 No. 5, 8th LANE, MOORA MAJAR
 ADYAR, CHENNAI - 20.
 PHONE: 4211 5880 / 4211 5881
 EMAIL: enquiry@thresholdarchitects.com

PROJECT:
 PROPOSED DEMONSTRATION HOUSES & COM. CENTER AT
 SARASWATHI MARGAR OF
 CHOWTUPALEM VILLAGE, VENKATACHALUVA MANDAL, SPS
 NELLORE DISTRICT.

DRAWING TITLE:
 WORKING DRAWINGS-
 TYPICAL FLOOR - 'TYPE - B'
 GROUND FLOOR PLAN

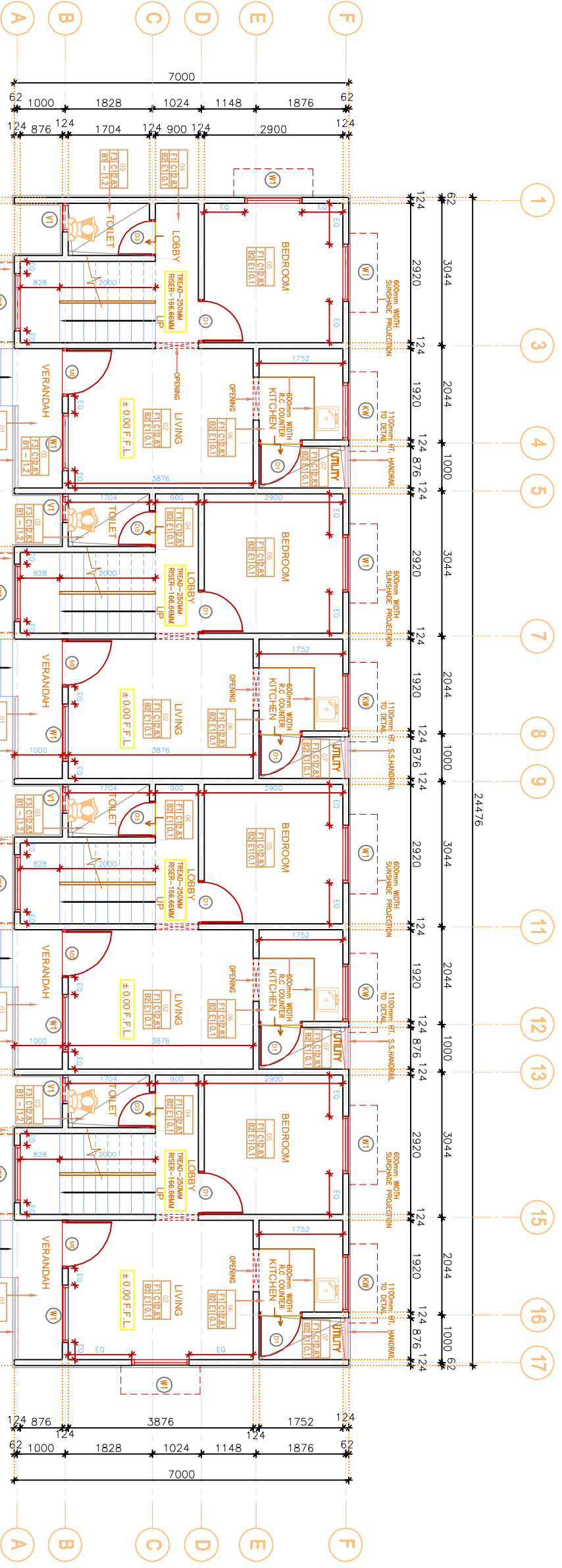
DATE: 06-08-16

SCALE: 1/75

DRWN. MK **CHKD. MK** **DATE**

JOB NO. **DRG. NO.** **TYPE - B**

ITDHWARCO11



GROUND FLOOR PLAN



FINISHING SCHEDULE	
FLOOR FINISH	F1 - POLISHED CUDDAPPA STONE FLOORING
	F2 - PAVERS TILE
	F3 - CERAMIC TILE FLOORING
WALL FINISH	B1 - CERAMIC TILES
	B2 - PLASTIC EMULSION PAINTED OVER TWO COATS OF PUTTY
	B3 - WATER PROOF PAINT - EXTERIOR
CEILING FINISH	C1 - SMOOTH FINISH WITH EMULSION PAINT
SKIRTING FINISH	E1 - POLISHED CUDDAPPA STONE FLOORING

NOTE:
 1. ALL TREAD AND RISER FINISHED WITH POLISHED CUDDAPPA STONE
 2. ALL KITCHEN COUNTER POLISHED CUDDAPPA STONE (ABOVE THE COUNTER 600MM HEIGHT DADO CERAMIC TILE FINISH)

JOINERY SCHEDULE		
TYPE	SIZE	DESCRIPTION
DOOR		
WD	1000 X 2100	PRECAST R.C. DOOR FRAME IN M25 CONCRETE W/M& FLUSH DOOR SHUTTERS/COUNTRY WOOD-FRAME.
D1	900 X 2100	PRECAST R.C. DOOR FRAME IN M25 CONCRETE W/M& FLUSH DOOR SHUTTERS/COUNTRY WOOD-FRAME.
D2	900 X 1950	PVC DOOR
D3	750 X 2100	PVC DOOR
WINDOW		
W1	1200 X 1350	PRESSED STEEL WINDOW FRAME & GLAZED WINDOW
W2	1200 X 1050	PRESSED STEEL WINDOW FRAME & GLAZED WINDOW
W3	900 X 1050	PRESSED STEEL WINDOW FRAME & GLAZED WINDOW
VENTILATOR		
VI	600 X 600	PRESSED STEEL WINDOW FRAME & GLAZED WINDOW

NOTES:	
1. ALL DIMENSIONS ARE IN MILLIMETER	
2. ALL LEVELS ARE IN METER	
3. F.F.L. - FINISHED FLOOR LEVEL	
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6. T.O.G. - TOP OF GIRTS	
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1. ALL DIMENSIONS ARE IN MILLIMETER	
2. ALL LEVELS ARE IN METER	
3. F.F.L. - FINISHED FLOOR LEVEL	
4. F.O.L. - FORMED GROUND LEVEL	
5. + - - INDICATES 15 MM DROP IN TOILET FLOOR.	
6. T.O.G. - TOP OF GIRTS	

REVISIONS			
NO.	DATE	DESCRIPTION	DRN. CHKD. APPD.

DRAWING TITLE:
 WORKING DRAWINGS-
DUPLEX UNIT
 GROUND FLOOR PLAN

PROJECT:
 PROPOSED DEMONSTRATION HOUSES & COM. CENTER AT SARAVATHI NAGAR OF CHOWTHALE VILLAGE, VENKATACHALUWAL MANDAL, SPS NELLORE DISTRICT.

CLIENT:
 BUILDING MATERIALS & TECHNOLOGY PROMOTION COUNCIL, MINISTRY OF HOUSING, URBAN POVERTY ALLEVIATION (Central India) CORP-5th FLOOR, INDIA VIKAS CENTRE, 10/11 ROAD, NEW DELHI - 110035

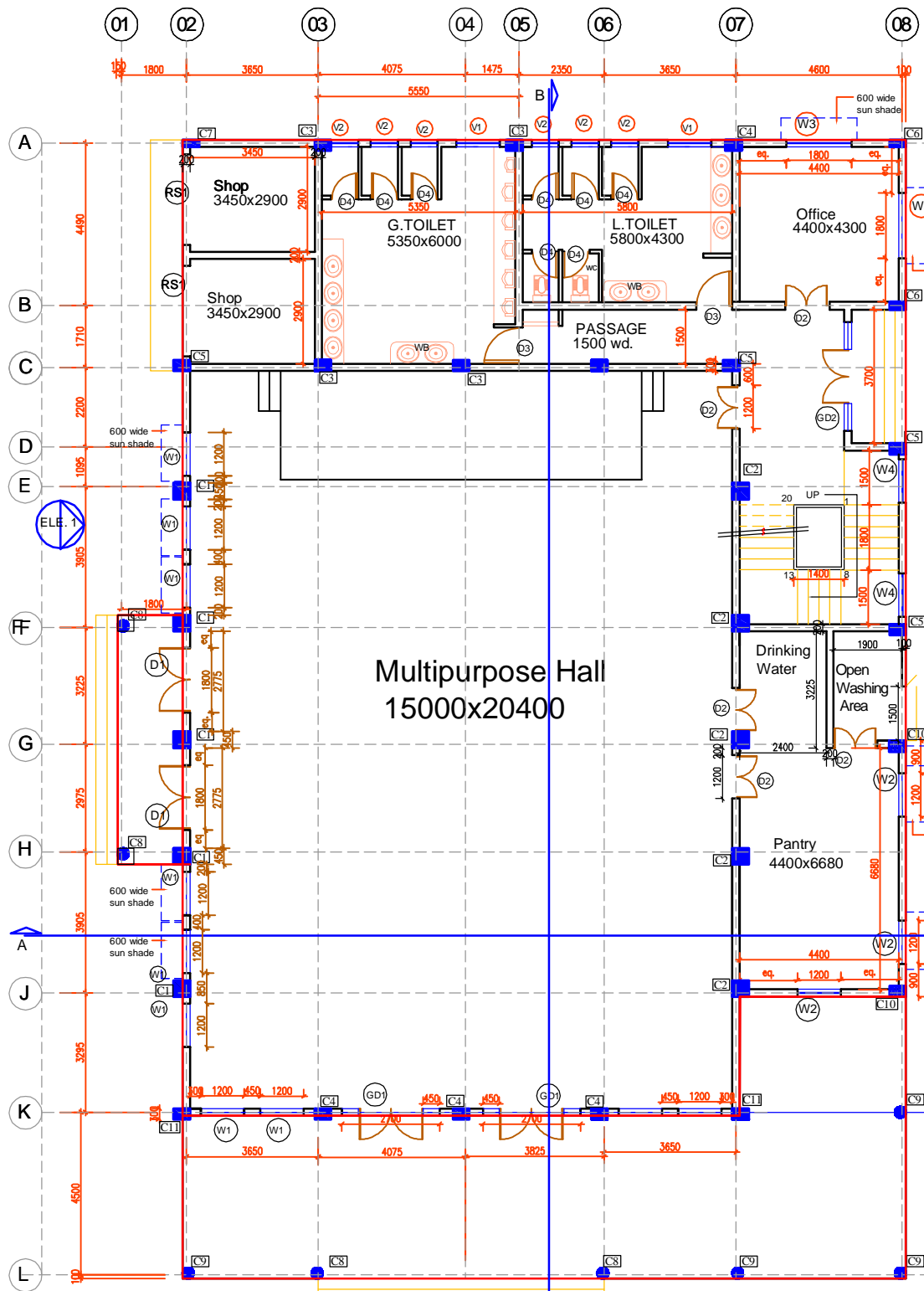
CONSULTANT:
 BUILDING TECHNOLOGY & CONSTRUCTION MANAGEMENT DIVISION, DEPARTMENT OF CIVIL ENGINEERING, INDIAN INSTITUTE OF TECHNOLOGY MADRAS, CHENNAI - 600 036.

ARCHITECTS:
THRESHOLD ARCHITECTS
 No. 5, 8th LANE, MOORA NAGAR, ADYAR, CHENNAI-20.
 PHONE : 4211 5890 / 4211 5891
 EMAIL : enquiry@thesholdarchitects.com

JOB NO. | DRG. NO. |
 I | T | D | H | W | A | R | C | 0 | 1 |
 DUPLEX

DETAIL OF OPENINGS						
Sl.No	TYPE	SIZE	CHL LVL	FIN LVL	N.Os	REMARKS
1	GD1	2700x2550	-	2550	2	Ent to Ha
2	GD2	3000x2500	-	2550	1	Typical
3	D1	1800x2550	-	2550	2	Typical
4	D2	1200x2550	-	2100	5	Typical
5	D3	1000x2550	-	2100	2	Typical
6	D4	750x2100	-	2100	8	Typical
7	W1	1200x2250	300	2550	10	Typical
8	W2	1200x1450	1100	2550	3	Typical
9	W3	1800x1650	900	2550	2	Typical
10	W4	1200x1650	900	2550	2	Staircase
11	V1	1200x750	1650	2550	2	Typical
12	V2	900x750	1650	2550	6	Typical
13	RS	2400x2550	2550	2	2	Railing Stairs
14	D5	11000x2100	2100	2	2	MS Door Tera

DETAIL OF AREA
 Area of Comunity Bldg.= 525.0m²
 Area of Platform = 117.5m²
 Total Area = 642.5m²



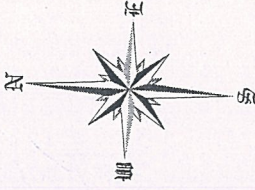
FLOOR PLAN
COMMUNITY CENTER

Road Lvl. ± 00
Pl.Lvl. +450

PROJECT
Proposed Demonstration Houses & Com.Center
At Saraswathi Nagar of Chowtapalem Village,
Venkatachalam Mandal,SPS Nellore District.

DRG.TITLE		
COMMUNITY CENTER		
DATE	SCALE	NORTH
DEALT BY	APP. BY	


 BUILDING MATERIALS & TECHNOLOGY PROMOTION COUNCIL
 MINISTRY OF HOUSING&URBAN POVERTY ALLEVATION,(Govt of India)
 COORE-6A, 1st FLOOR, INDIA HABITAT CENTRE,
 LODHI ROAD, NEW DELHI-110003
 PHONE-911-26438556,911-24985097; Website:www.bmtpc.org.
DRG.NO.
 DH/NEL/CC/AR-01



80.46

48.76

STP

FUTURE
BLOCK

2m WIDE PATHWAY

PARKING

CENTRAL OPEN SPACE

FUTURE
BLOCK

80.46

FUTURE
BLOCK

UGR

PROPOSED BLOCK
TO BE TAKEN UP BY
BMTPC

51.81

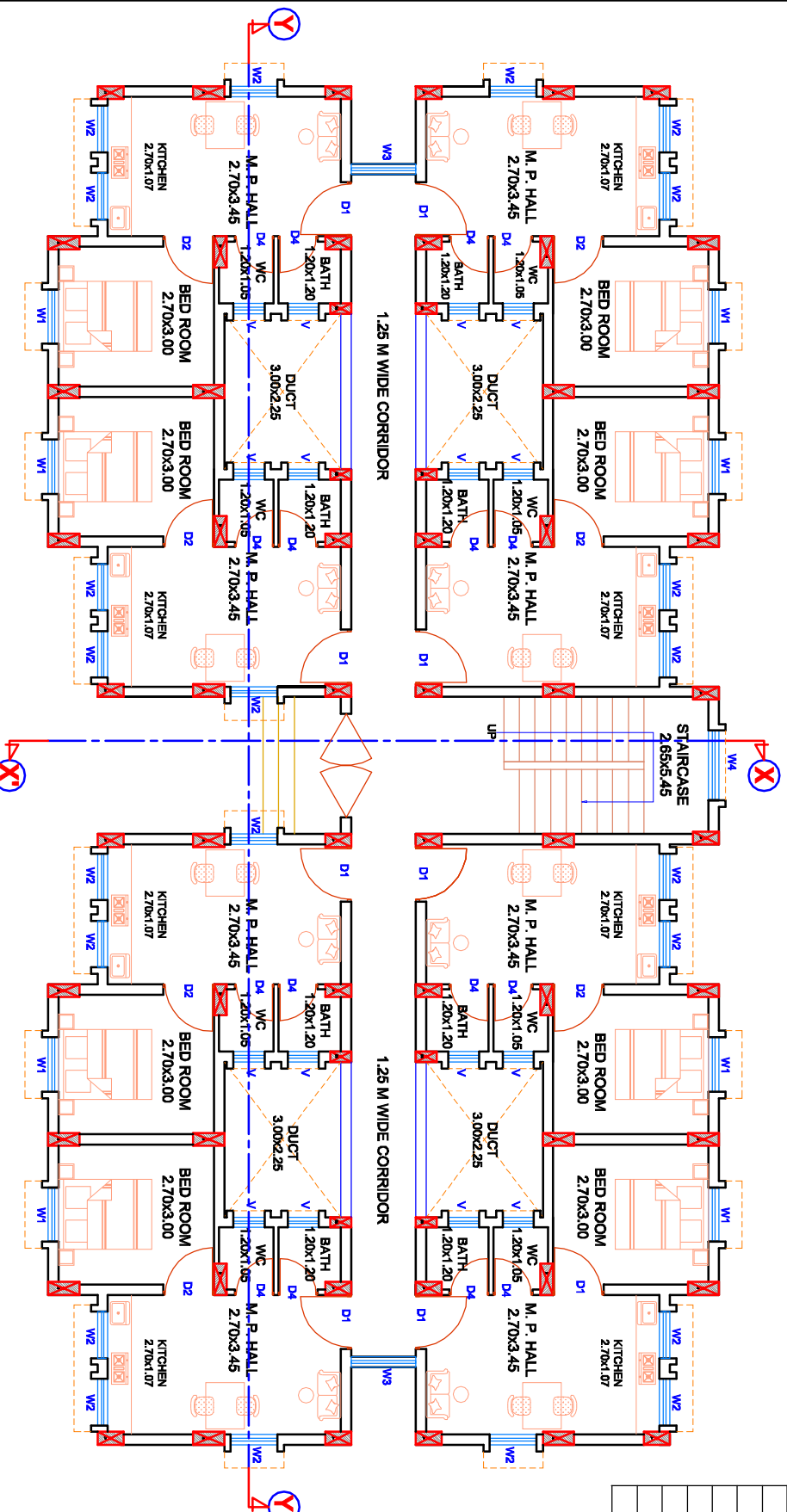
2m WIDE PATHWAY

PARKING

30 m . W I D E R O A D

Client : BHUBANESWAR DEVELOPMENT AUTHORITY (BDA)	
Project : PROPOSED EWS HOUSING PROJECT OVER PLOT No.-335(P), 1953(P), 385(P) AT- CHANDRASEKHAR PUR, P.S.- NEW CAPITAL No.23 BHUBANESWAR	
Sheet Title : SITE PLAN	
Architect : A.S. BELURIA	Engineer : D. S. SINGH
Drawn by : DHEERAJ	Date : 10/09/2015
Revision : 0	Scale :
Consultant : Designing Forum Plot No. 335(P), 1953(P), 385(P) BHUBANESWAR-75 Phone : 9830700901 E-mail : designingforum@gmail.com	

SCHEDULES OF DOORS AND WINDOWS			
Name	Size	Sill Lvl.	Lin. Lvl
D1	1.05 x 2.10	—	2.10
D2	.975 x 2.10	—	2.10
D3	.825 x 2.10	—	2.10
D2	.750 x 2.10	—	2.10
W1	1.05 x 1.35	.750	2.10
W2	1.05 x 1.35	.750	2.10
W3	1.25 x 1.35	.750	2.10
W4	1.20 x .820	—	2.10
V1	0.60 x 0.60	.450	2.10



GROUND FLOOR PLAN
(AREA=2722.40 SQ.M)

PROJECT
PROPOSED DEMONSTRATION HOUSES USING EXPANDED POLYSTYRENE CORE PANEL SYSTEM AT BHUBANESWAR

DRG. TITLE		
GROUND FLOOR PLAN		
DATE	SCALE	NORTH
DEALT BY	APP BY	
BUILDING MATERIALS & TECHNOLOGY PROMOTION COUNCIL MINISTRY OF HOUSING, URBAN POVERTY ALLEVIATION (Govt. of India) CORE-5A, 1 st FLOOR, INDA HABITAT CENTRE, LODH ROAD, NEW DELHI-110003 PHONE-011-24638096/011-24638097; Website www.hmpc.org.		DRG. NO. DH/OR/AR-01