



LEGEND FOR SERVICES

S.NO.	PRODUCT	SYMBOL	SIZE
01.	SOIL PIPE	●	100 Ø
02.	WASTE PIPE	○	100 Ø
03.	RAIN WATER PIPE	○	150 Ø

HOSPITAL (LESS THAN 15M. IN HEIGHT WITH PLOT AREA MORE THAN 1000 SQ.MT.)

FIRE FIGHTING

1. FIRE EXTINGUISHER	-R
2. HOSE REEL	-R
3. DRY RISER	-NR
4. WET RISER	-R
5. DOWN-COMER	-R
6. YARD HYDRANT	-R
7. AUTOMATIC SPRINKLER SYSTEM	-NR

FIRE DETECTION

1. MANUALLY OPERATED ELECTRIC FIRE ALARM SYSTEM	-R
2. AUTOMATIC DETECTION AND ALARM SYSTEM	-R

WATER SUPPLY

1. UNDERGROUND STATIC WATER STORAGE TANK	-100000 (ALREADY EXISTS AT SITE)
2. TERRACE TANK	-7000 LL
3. PUMP NEAR UNDERGROUND STATIC WATER STORAGE TANK (FIRE PUMP) WITH MINIMUM PRESSURE OF 3.5 KG/SQ. CM. AT TERRACE LEVEL	-ONE ELECTRIC AND ONE DIESEL PUMP OF CAPACITY 1620 L/MIN. AND ONE ELECTRIC PUMP OF CAPACITY 180 L/MIN. (ALREADY EXISTS AT SITE)
4. AT THE TERRACE TANK LEVEL WITH MINIMUM PRESSURE OF 2.0 KG./SQ.CM.-NR	

LEGEND FOR SUNKEN SLAB

[Symbol]	TOILET SLABS
[Symbol]	TERRACE SLAB ALONG WITH BEAMS
[Symbol]	DEPRESSED UPTO LINTEL LVL.

SCHEDULE OF OPENINGS:

S/ NO.	TYPE	SIZE			SILL	LINTEL
		OVERALL	DOOR	WINDOW		
1.	D1	1350 X2100	1350	-	-	2100
2.	D2	1200 X2100	1200	-	-	2100
3.	D3	1200 X2100	1200	-	-	2100
4.	D4	1000 X2100	1000	-	-	2100
5.	D5	900 X2100	900	-	-	2100
6.	D6	750 X2100	750	-	-	2100
7.	D7	600 X2100	600	-	-	2100
8.	DW1	3935 X2100	2000	967.5	300	2100
9.	DW2	2800 X2100	1000	1800	900	2100
10.	DW3	2810 X2100	1000	1610	900	2100
11.	DW4	2200 X2100	1000	1200	900	2100
12.	DW5	2195 X2100	1200	995	900	2100
13.	DW6	1900 X2100	1000	900	900	2100
14.	W1	2000 X1200	-	2000	900	-
15.	W2	1800 X1200	-	1800	900	-
16.	W3	1800 X1200	-	1800	900	-
17.	W4	1800 X1050	-	1800	1050	-
18.	W5	1800 X1800	-	1800	600	-
19.	W6	1435 X1200	-	1435	900	-
20.	W7	1200 X1200	-	1200	900	-
21.	W8	950 X1200	-	950	900	-
22.	W9	950 X1200	-	950	900	-
23.	W10	950 X1050	-	950	1050	-
24.	W11	950 X1800	-	950	150	-
25.	W12	750 X1200	-	750	900	-
26.	W13	450 X1200	-	450	900	-
27.	V1	950 X600	-	950	1500	-
28.	V2	750 X600	-	750	1500	-
29.	V3	600 X600	-	600	1500	-
30.	FD1	1500 X2100	1500	-	-	2100
31.	FD2	1230 X2000	1230	-	-	2100
32.	FD3	1200 X2000	1200	-	-	2100

NOTES

- ALL DIM. ARE IN MM.
- WRITTEN DIM. SHALL BE FOLLOWED.
- ANY DISCREPANCY IN THIS DRG. SHALL BE BROUGHT TO THE NOTICE OF THE ARCHITECT.
- AS PER COUNCIL OF ARCHITECTURE ACT 1972 PASSED BY PARLIAMENT THE DRG. IS THE PROPERTY OF THE ARCHITECT AND SHALL NOT BE USED REPRODUCED FOR ANY PURPOSE OTHER THAN THE PRESENT USE.
- THE SCHEDULE OF FINISHES SHALL BE STRICTLY FOLLOWED.
- FOR PLASTERED SURFACES ALL JOINTS OF BRICKWORK WITH R.C.C. CONCRETE (BEAMS, COLUMNS, SLABS) SHALL BE COVERED WITH 200 MM. PLASTIC NET NAILED WITH SS NAILS BEFORE PLASTERING THE SURFACE. THIS IS TO ELIMINATE CRACKS DUE TO DIFFERENT COEFFICIENT OF EXPANSION OF BRICK AND CONCRETE. HD NET SHALL BE SPERTURE (diamond) SHAPED WITH HEIGHT OF 30 - 100 g/m². & APERTURE SIZE 18mm. X 18mm (+/- 2mm).
- THE CONTRACTOR SHALL UNDERTAKE FORMATION OF DRIP COURSES WHEREVER REQUIRED.
- THE SCHEDULE OF FINISHES ONLY ENUMERATES THE FINISHING ITEMS. & IS NOT A DRAWING FROM WHICH WORK HAS TO BE EXECUTED. FOR EXECUTION OF WORKS VARIOUS ORTHOGRAPHIC ARCHITECTURAL DRAWINGS, STRUCTURAL DRAWINGS & SERVICES DRAWINGS SHALL BE USED. DOOR FRAMES, WINDOW FRAMES, DOOR & WINDOW SHUTTERS, VENTILATORS, CUPBOARD FRAMES & SHUTTERS SHALL BE MANUFACTURED FROM SHOP DRAWINGS AFTER GETTING SAMPLES APPROVED FROM THE INSTITUTE.
- COLOUR SCHEME OF ALL TILES & PAINTS SHALL BE ISSUED BY THE ARCHITECT FOR APPROVAL OF THE INSTITUTE.
- ALL PARAPETS SHALL BE FINISHED WITH 19 MM THICK KOTA STONE COPING ON 115 THICK PARAPETS COPING SHALL BE 175 WIDE & ON 230 THICK PARAPETS COPING SHALL BE 300 WIDE.
- ALL SLABS OF TOILETS SHALL BE SUNK BY 75 MM FOR WESTERN WC AND 250MM FOR INDIAN WC FOR CATERING TO DROPS & WATER PROOFING. TO CONCEAL PIPES FALSE CEILING SHALL BE PROVIDED. PLEASE REFER DRGS. ALSO.
- ALL SLABS OF BALCONIES SHALL BE SUNK BY 200 MM FOR CATERING DROPS & WATER PROOFING & DRAINAGE. PLEASE REFER DRGS. ALSO.
- SANITARY DUCTS SHALL HAVE FULL SLABS (CASTING OF SLABS IN SANITARY DUCTS TO BE DONE AFTER POSITIONING OF THE PIPES). THE GAPS BETWEEN FITTINGS & PIPES SHALL BE NEATLY REPAIRED & SEALED WITH POLYSULPHIDE COMPOUND TO MAKE IT SMOKE FREE.
- BALCONY, STAIRCASE & CORRIDOR M.S. RAILINGS -ALTERNATIVE M.S. BALUSTERS OF ALL RAILINGS OF BALCONIES, STAIRCASES & CORRIDORS SHALL BE WELDED TO THE REINF. OF SLAB WHILE ALL BALUSTERS SHALL BE EMBEDDED IN CEMENT CONCRETE AFTER PROPER SPACING OF BALUSTERS.
- THE SIZE OF WHITE GLAZED BROKEN CHINA TILES BEING USED OVER BRICK COBA ON TERRACES SHALL BE OUT OF TILES NOT LESS THAN 25X25 MM. & MORE THAN 75X75 MM.
- ALL OPD, OFFICES, DISPENSARY, NURSES STATIONS TO HAVE WIRED NETWORK ACCESS.
- HOT WATER FROM SOLAR HOT WATER SYSTEM PROVIDED WITH HEATING ELEMENT & THERMOSTAT SHALL BE SUPPLIED TO GEYSERS FROM WHERE IT SHALL BE DISTRIBUTED TO BATHING & WASH BASIN AREAS.
- SOLAR PANEL SHALL BE PROVIDED FOR DAY TIME LIGHTING IN A STORAGE BATTERY LESS SYSTEM.
- AIR CONDITIONING SHALL BE PROVIDED WITH VRV SYSTEM. EXTERNAL UNIT SHALL BE PLACED ON TERRACE & INTERNAL UNIT SHALL BE HIGHWALL MOUNTED.
- KOTA STONE FLOORING SHALL HAVE A RADIAL PATTERN WITH MARBLE STRIPS WHICH SHALL CONTINUE IN CORRIDORS & WAITING AREAS.
- OUT PATIENT ROOMS NO. 3, 4, 5, 6 WOULD ALL BE GENERAL PURPOSE (MULTI DISCIPLINES AT STAGGERED TIMINGS)
- ALL LOBBIES, WAITING HALLS & CORRIDORS SHALL BE AIR CONDITIONED WITH TARGET TEMPERATURE AT 28°C AND WITH FRESH AIR SUPPLY.
- GLASS IN ALL WINDOWS SHALL BE HIGH PERFORMANCE, THERMAL GLASS 6MM THICK
- FALSE CEILING SHALL BE PROVIDED BELOW ALL THE TOILETS WHERE USAGE OF THE SPACE BELOW THE TOILET IS DIFFERENT AT 2400 HT. FROM FINISHED FLOOR LVL.

REV. NO. DATE REVISIONS

R2 27/06/11 DRG MODIFIED FOR REVISED TENDER DOCUMENT

R1 30/05/11 DRG MODIFIED FOR REVISED TENDER DOCUMENT

PROJECT:
INDIAN INSTITUTE OF SCIENCE
EDUCATION & RESEARCH
AT MOHALI, PUNJAB

BUILDING:
HEALTH CENTER

DRG. TITLE:
GROUND FLOOR PLAN

ARCHITECT: D.S.BHUI

COSMIC DESIGNS PVT. LTD.
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Revised 30 MAY 2011
TENDER COMPONENT

For ARCHITECTS
COSMIC DESIGNS PVT. LTD.
17-A, FIRST FLOOR
JOPLING ROAD, LUCKNOW
28 JUN 2011

DATE: 27/01/11
DRAWING NO.: 1404/AL/1001/R2

SCALE: 1:120