TEAKWOOD MOULDING OUT OF 38x12mmTH.
120x70mm HOLLOCK WOOD DOOR FRAME
HINGE
10mmTH. SEASONED TEAKWOOD LIPPING AROUND THE SHUTTER
15mmx3mm INTUMESCENT SEAL IN ALL SIDES EXCEPT BOTTOM

4mmTH. WATER PROOF COMMERCIAL PLY. VENEERING
12mmTH. NON COMBUSTIBLE BOARD
20mm TH. MINERAL WOOL COATED WITH INTUMESCENT MATERIAL INFILL.
RAWL PLUG & COUNTER SUNK SCREW-6Nos.
18mm TH. HOLLOCK WOOD ROUGH BLOCK
TEAK WOOD MOULDING OUT OF 20x15mmTH.

INTERNAL FINISH AS / SCHED.

PLAN
DETAIL-1
SCALE 1:2

Hinge 1 1/2 pair for each leaf

NOTES:
ALL WOODEN SURFACES SHALL BE PRIMED WITH ANTI-TERMITE FIRE RETARDANT PRIMER AND PAINT

TYPE FD1
FRONT ELEVATION
SCALE 1:25

FRAME
MORTICE LOCK & LEVER HANDLE
DOOR SHUTTER

DETAIL OF 120 MINUTES FIRE RATED PROPRIETARY MAKE WOODEN COMPOSITE DOOR

CONSULTING ENGINEERING SERVICES (I) PVT LTD.
NEHRU PLACE, NEW DELHI - 110019

CONSTRUCTION OF METROLOGY (STANDARDS) BLOCK AT NPL CAMPUS, NEW DELHI

DATE: 31.07.2008
DET.NO.:2005171/AR(SB)/SK/T-09/RCH
50X6MM THK.MS FLAT

50 WIDE STANDARD PVC HANDRAIL OF APPROVED MAKE & COLOUR

20MM SOLID M.S SQ. BALUSTER WELDED TO M.S LUG

50 WIDE STANDARD PVC HANDRAIL OF APPROVED MAKE AND COLOUR

40X6 M.S FLAT

20MM SQ. SOLID M.S SQ. BALUSTER WELDED TO M.S LUG

DETAILED AT X-X
SCALE 1:2

50X6MM THK.M.S FLAT

20MM SQ. SOLID M.S SQ. BALUSTER WELDED TO M.S LUG

20mm SQ. SOLID M.S LUG EMBEDDED IN EACH STEP WHILE CASTING

PLASTER AND PAINT ON SOFFIT AND SIDE OF STAIR AS/SCH.

SECTIONAL ELEVATION
SCALE 1:10

RISER AS/SCH.

12mmTHK. CEMENT SAND MORTAR (1:3) AS/SPEC.

TREAD AS/SCH.

CEMENT MORTAR (1:4) AS/SPEC.

DETAILED AT A
SCALE 1:5

SECTION AT X-X
SCALE 1:10

100X100X4mm TH. ANCHOR PLATE
PLASTER AND PAINT AS/SCH.
CEILING SECTION OF 0.55mm THK. HAVING KNURED WEB OF 51.5mm & TWO FLANGES OF 26mm EACH WITH PERPENDICULAR TO INTERMEDIATE TUBE AT 457 MM C/C 18X40 MM INTERMEDIATE TUBE SECTION AT 900mm C/C, HANGING FROM SOFFIT OF R.C.C

SCREWED WITH THE HELP OF NYLON SLEEVES AT 600mm C/C

0.55mm THK 20X27X30 MM PERIMETER CHANNEL

25mm DRYWALL SCREW A LAYER OF 4mm THK. VENEER PLASTER

9.5mm THK 600X600mm GYPSUM BOARD WITH TAPERED EDGE JOINTING & FINISHED WITH JOINTING COMPOUND IN TWO LAYERS.

SECTION
TYPICAL DETAIL OF FALSE CEILING WITH CALCIUM SILICATE TILE

CONSTRUCTION OF METROLOGY (STANDARDS) BLOCK AT NPL CAMPUS, NEW DELHI

DELT CHECKED APPROVED
N.R.Y MONIRA R. MITRA

CONSULTING ENGINEERING SERVICES (I) PVT. LTD.
HEAD OFFICE: NEW DELHI -110 016

TYPICAL DETAIL OF FALSE CEILING WITH CALCIUM SILICATE TILE

SECTION

EXPANSION FASTENERS

SOFFIT OF STRUCTURE/CEILING

G.I. SOFFIT CLEAT 37x22

ADJUSTABLE HANGER AND SUSPENSION SYSTEM AS/MANUFACTURES PRINTED INSTRUCTION.

4MM DIA G.I. WIRE

MAIN RUNNER T SECTION 38X24MM

CROSS-T RUNNER 28.6X24MM

595X595X15MM THICK PIN-HOLE (PLAIN WITH PERFORATION) CALCIUM SILICATE TILE (100% RH) WITH VERTICAL TEGULAR EDGE (QUADREL OR AS/APPROVED)

G.I. PERIMETER/WALL ANGLE 20X20 MM FIXED TO MASONERY WITH NYLON SLEEVES AND SCREWS AT 610 MM. C/C

DATE: 31.07.2008

DET.NO.: 2005171/AR(SB)/SK/1-13 RO
SECTION

NOTES :

1. W.P.C INDICATES WATER PROOFING COMPOUND.
2. ADMIXTURE OF ACRYLIC W.P.C WITH CEMENT MORTAR / PLASTER SHALL BE AS PER SPECIALIST CONTRACTORS SPECIFICATION AND RECOMMENDATION.
3. THE SURFACE SHALL BE PROPERLY PREPARED BEFORE NEW TREATMENT IS GIVEN.

A. COAT OF CEMENT SLURRY @ 2.75KG/SQ.M ADmixed WITH ACRYLIC W. P. C.
B. 15mm THICK CEMENT MORTAR (1:4) ADmixed WITH ACRYLIC W. P. C.
C. AVERAGE 65mm THICK LAYER OF BRICK BATS LAID TO FALL & SLOPE 1:100
D. 15 TO 25 mm JOINTS GROUTED WITH CEMENT MORTAR (1:4) ADmixed WITH ACRYLIC W. P. C.
E. 20mm THICK CEMENT MORTAR(1:4) ADmixed WITH ACRYLIC W. P. C.
F. AND TOP SURFACE FINISHED WITH CEMENT SLURRY, MAKE 300X300 SQUARE OVER PARTIALLY SET SURFACE WITH 'V' GROOVE.
G. 20mm THICK CEMENT MORTAR(1:4) ADmixed WITH ACRYLIC W. P. C.
H. ON VERTICAL SURFACE WITH VATTA(GOLA) BRICK BAT AND CEMENT MORTAR
I. 20mm THICK CEMENT PLASTER(1:4) ADmixed WITH ACRYLIC W. P. C.
J. COAT OF THK. CEMENT SLURRY @ 2KG/M2 ADmixed WITH ACRYLIC W. P. C.
50mm WIDE EXPANSION JOINT

50mm TH. BITUMINOUS IMPREGNATED FIBRE BOARD

R.C. SLAB

INTERNAL FINISH AS / SPECIFIED

150mm WIDE X 4mm TH. BISON PANEL FIXED TO WALL WITH RAWL PLUG & C.S.K. M.S. SCREWS ON BOTH SIDES (WITH I-SLOTS ON ONE SIDE OF COVER PLATE)

DETAIL OF EXPANSION JOINT ON INTERNAL COLS.

50mm TH. BITUMINOUS IMPREGNATED FIBRE BOARD

52mm Ø. EXPANDED POLYE THYLENE FOAM BACK UP ROD PUSH FITTED

50mmX25mm TH. DEEP APPROVED SILICON SEALANT

SEALANT

DETAIL OF EXPANSION JOINT ON EXTERNAL WALLS/COLUMN.
150mm WIDE X 3mm TH. STAINLESS STEEL COVER PLATE FIXED TO THE FL. WITH C.S.K. SCREWS ON BOTH SIDE (WITH I-SLOTS ON ONE SIDE OF COVER PLATE)

50mm X 25mm TH. DEEP SILICON SEALANT

FLOOR FINISH AS SPECIFIED

CEMENT MORTAR

50mm TH. BITUMINOUS IMPREGNATED FIBRE BOARD

R.C. SLAB

50mm WIDE EXPANSION JOINT

SECTION A-A

PLAN

I-SLOTS

DETAIL OF EXPANSION JOINT IN FLOOR

CONSULTING ENGINEERING SERVICES (I) PVT LTD
NEHRU PLACE, NEW DELHI - 110015

CONSTRUCTION OF METROLOGY (STANDARDS) BLOCK AT NPL CAMPUS, NEW DELHI

DEALTED CHECKED APPROVED

N.R.Y MONIKA R.MITRA

REV.

ISSUED

SCALE: NTS.

DATE: 31.07.2008

DET.NO.:2005171/AE(18)/SK/T-16
SECTIONAL ELEVATION

SCALE 1:25

COLOURED CERAMIC TILES

100mm WIDE GRANITE BORDER ON 3 SIDES

MIRROR/APPROVED

200mm HIGH GRANITE SPLASH BOARD

DADO AS/SCHEDULE

A

SECTIONAL A-A

SCALE 1:10

MIRROR/APPROVED

200mm HIGH GRANITE SPLASH BOARD

DADO AS/SCHEDULE

SLOPE

15mm TH. CEMENT SAND MORTAR (1:4) FINISHED WITH NEAT CEMENT BRICKWORK PLATFORM

150mm HIGH SKIRTING

DETAIL OF COUNTER TOP SUNK WASH BASIN

CONSULTING ENGINEERING SERVICES (I) PVT.LTD.
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CONSTRUCTION OF METROLOGY(STANDARDS) BLOCK AT NPL CAMPUS, NEW DELHI

REV. R.MITRA

ISSUED R.MITRA

SCALE: N.T.S.

DATE: 31.07.2008

DET.NO.:2005171/AR(36)/SR/T-18/00