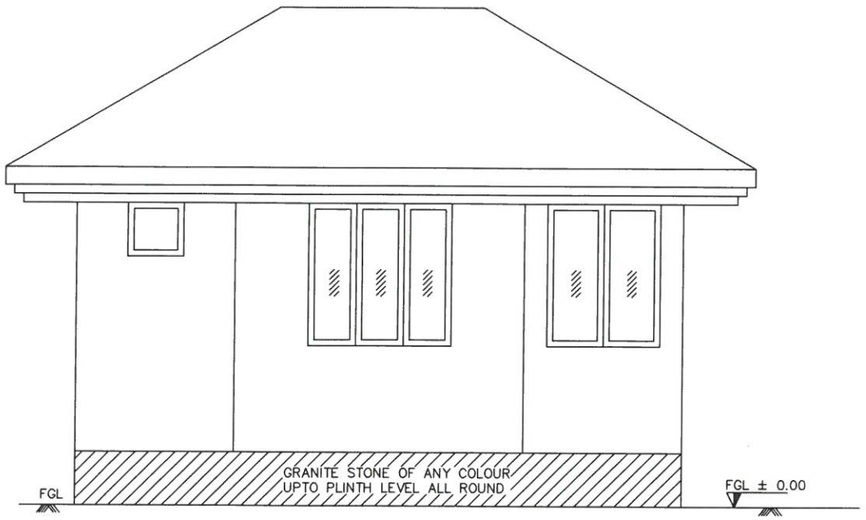
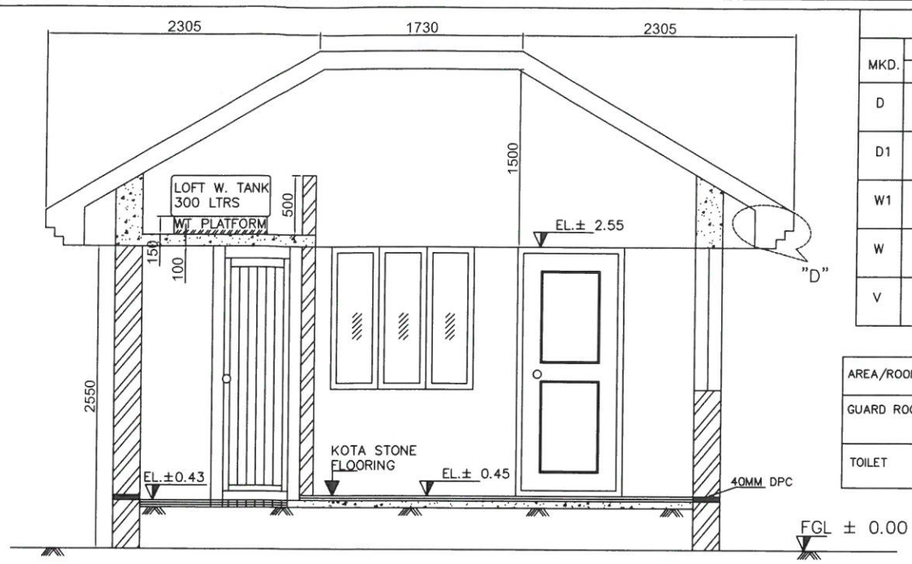


FRONT ELEVATION



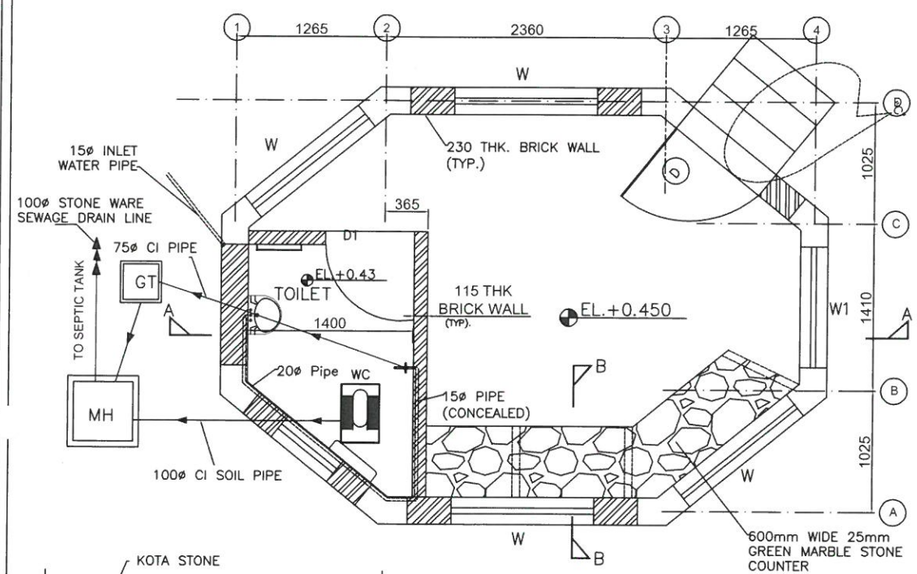
SECTION A–A

SCHEDULE OF DOORS AND WINDOWS

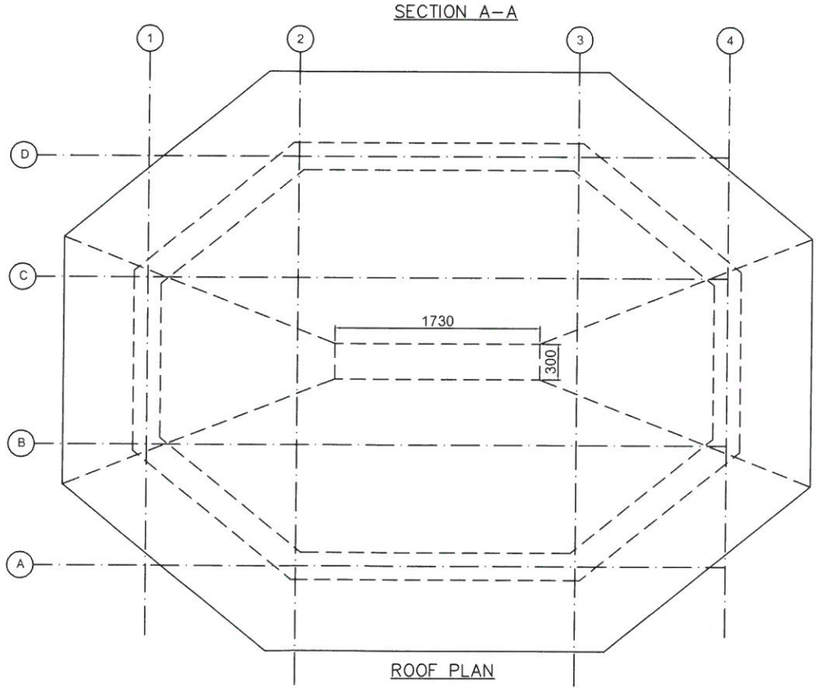
MKD.	SIZE		DESCRIPTION	NOS. REQD.
	WIDTH	HEIGHT		
D	900	2100	12MM THK TOUGHENED GLASS DOOR WITH DESIGNER FROSTED FILM ON PATCH FITTING	1
D1	750	2100	35MM FLUSH DOOR LAMINATED ON BOTH SIDES ON LOCAL WOOD FRAME PAINTED WITH ENAMEL PAINT.	1
W1	1000	1200	2 EQ.PANNELS SLIDING UPVC WINDOW AS PER MANUFACTURER'S SPECIFICATION	1
W	1200	1200	3 EQ.PANNELS SLIDING UPVC WINDOW AS PER MANUFACTURER'S SPECIFICATION	4
V	600	450	UPVC TOP HUNG VENTILATOR WITH EXHAUST FAN AS PER MANUFACTURER'S SPECIFICATION	1

FINISHING SCHEDULE

AREA/ROOM	FLOORING	SKIRTING /DADO	CEILING	INTERNAL PAINT ON WALLS	PAINT ON CEILING	REMARKS
GUARD ROOM	20 THK KOTA STONE FLOOR	100 HIGH KOTA	RCC SLAB WITH 6mm PLASTER	OBD	OBD	
TOILET	CERAMIC TILE	GLAZED TILE DADO UP TO 1.5 HIGH	RCC SLAB WITH PLASTER	OBD	OBD	



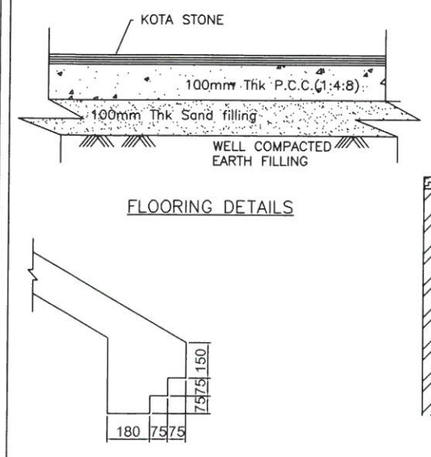
FLOOR PLAN



ROOF PLAN

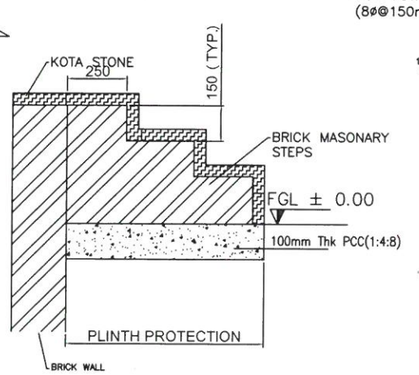
PLUMBING & SANITARY SCHEDULE

SR. NO.	ITEM	DESCRIPTION	NOS. REQD.
1.	INTERNAL/EXTERNAL WATER SUPPLY PIPES	15ø GI PIPE AS PER SPECIFICATIONS FOR ALL SANITARY FIXTURES, CONNECTIONS AND LOFT TANK	–
2.	W.C. (INDIAN STYLE)	ORISSA PATTERN WC ALONG WITH ALL FITTING OF APPROVED MAKE AS PER SPECIFICATION.	1
3.	WASH BASIN	FLAT BACK WASH BASIN WITH ALL ITS ACCESSORIES AS PER SPECIFICATION	1
4.	MIRROR	ABOVE WASH BASIN SIZE – 600X450 AS PER SPECIFICATIONS	1
5.	TOWEL RAIL	CP BRASS SIZE – 600 LONG 20ø ROD AS PER SPECIFICATION	1
6.	SOAP HOLDER	CP BRASS AS PER SPECIFICATION	1

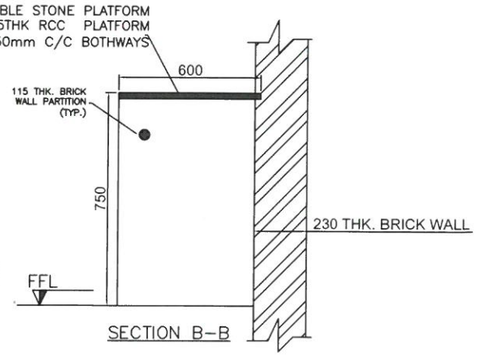


FLOORING DETAILS

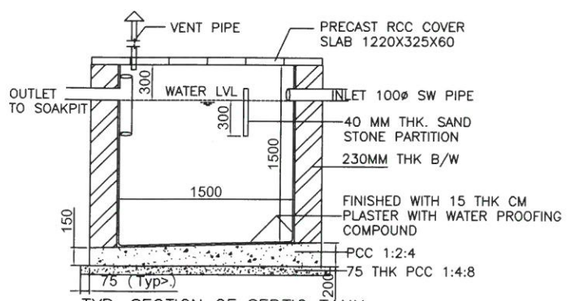
DETAIL "D"



DETAIL "C"



SECTION B–B



TYP. SECTION OF SEPTIC TANK

(NOTE: INTERNAL DIMENSION OF SEPTIC TANK IS 750MMX1500MM)

NOTES :––
1. ALL DIMENSION ARE IN MM.
2. ALL ELEVATION ARE IN METERS.
3. PLASTERING :–– (a) OUTER FACE SHALL HAVE TEXTURE PAINT FINISH OVER EXTERNAL 12 MM THK. PLASTER IN 1:6 CEMENT SAND MORTAR MIXED WITH WATER PROOFING COMPOUND. (b) INTERNAL – 15MM THK PLASTER IN 1:6 CEMENT SAND MORTAR
4. 900 MM WIDE PLINTH PROTECTION SHALL BE PROVIDED AS PER SPECIFICATION
5. SOAK PIT SHALL BE PROVIDED AS PER DSR2014 ITEM NO. 19.33
6. LOCATION OF SEPTIC TANK AND SOAK PIT SHALL BE DECIDED BY SITE 8. WATER SUPPLY CONNECTION TO BE DECIDED BY SITE
7. ALL FITTING REQUIRED FOR DOORS SHALL BE AS PER THE INSTRUCTION OF SITE–INCHARGE
8. DOORS SHALL BE PROVIDED WITH LOCKING ARRANGEMENT.

RELEASED FOR TENDER/CONSTRUCTION

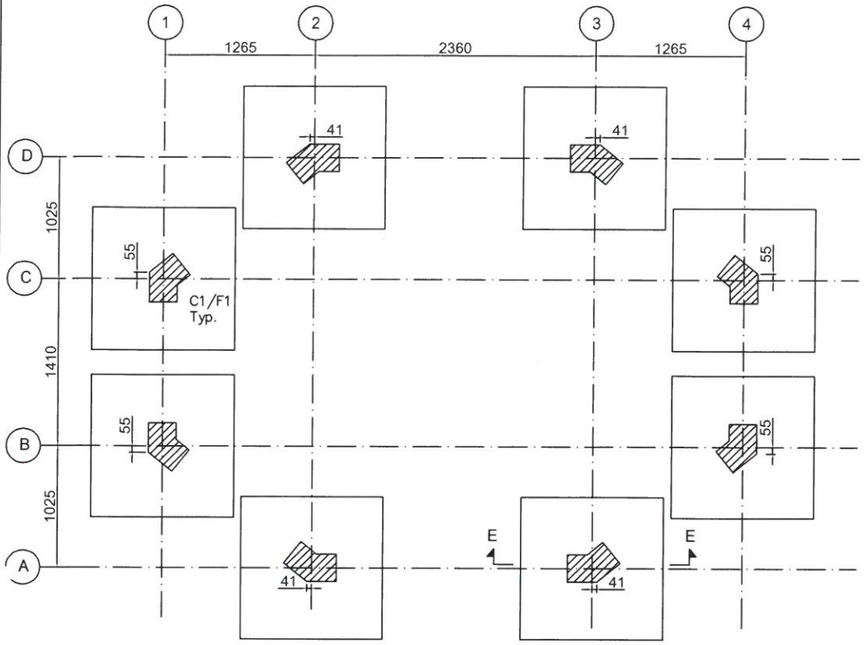
REV	DE (ENGG-CIVIL)	ASSTT GM (ENGG-CIVIL)	AGM (ENGG-CIVIL)	GM (ENGG-CIVIL)	DATE
00					18.7.17

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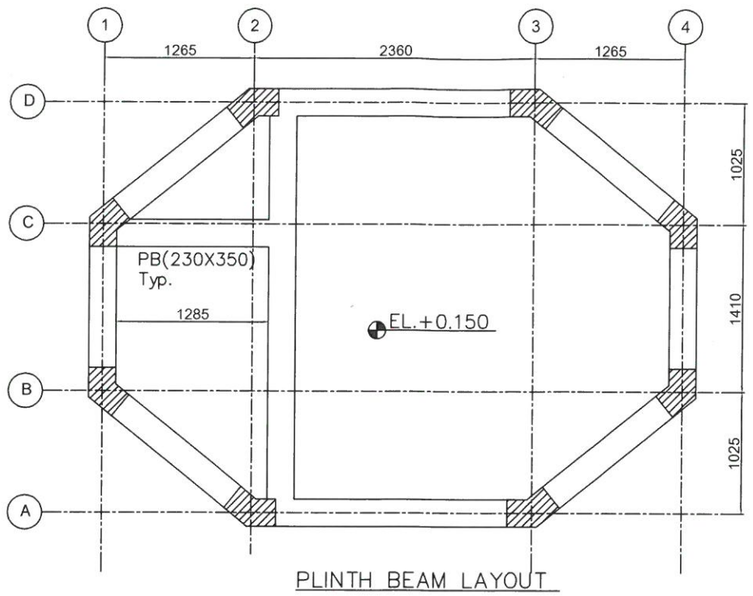
PROJECT : 400/220 KV SUB STATIONS

TITLE : ARCHITECTURAL DETAILS OF SECURITY ROOM

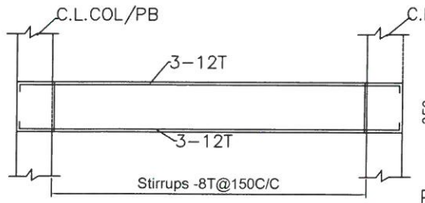
SCALE	DRG NO.:-	SHEET	
NTS	C/ENGG/SEC HUT/01	1 OF 2	R–0



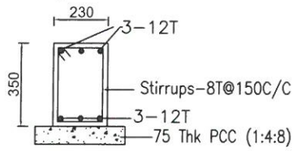
FOUNDATION & COLUMN LAYOUT



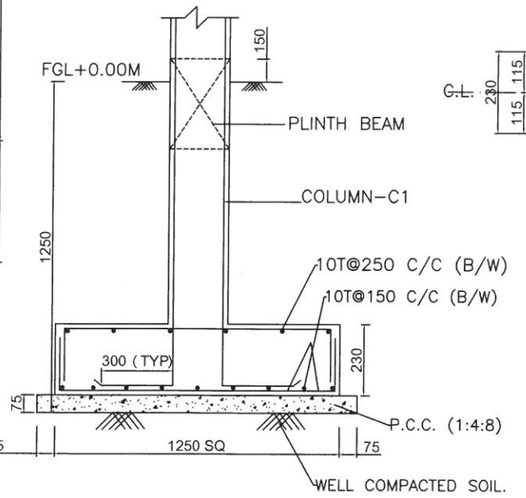
PLINTH BEAM LAYOUT



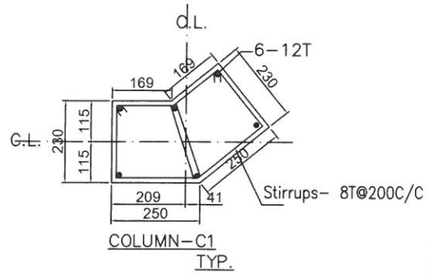
PLINTH BEAM DETAILS TYP.



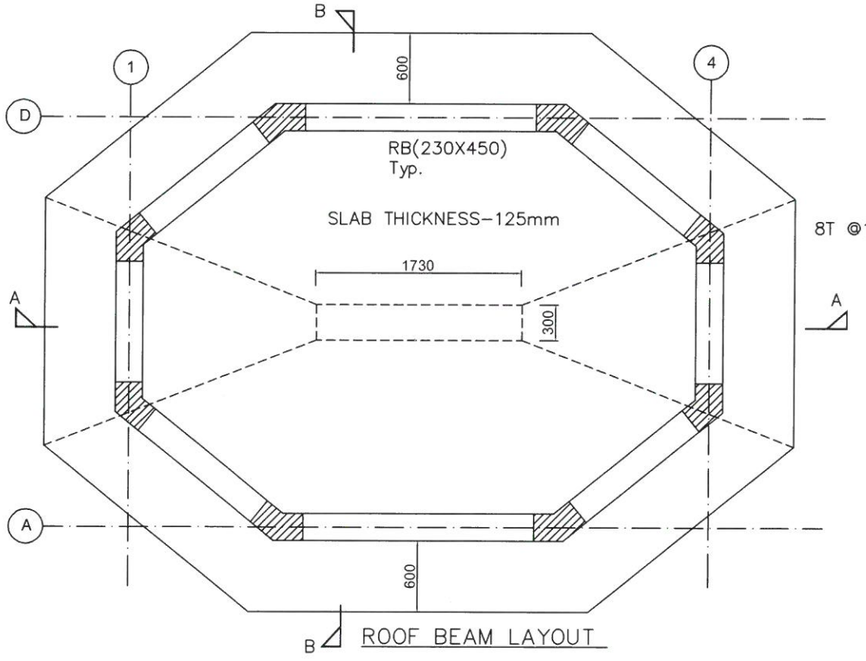
PLINTH BEAM C/S



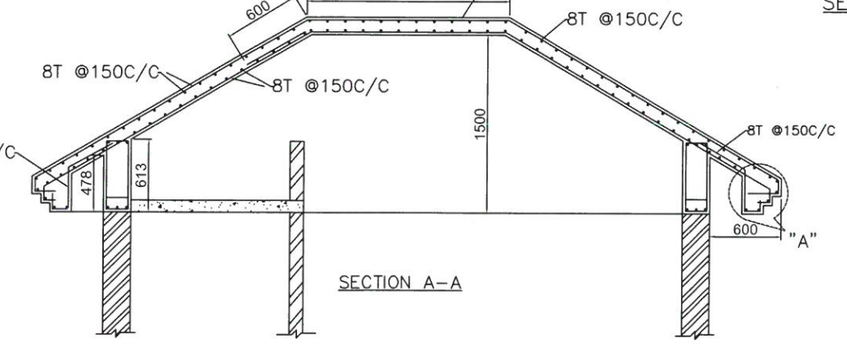
SEC E-E



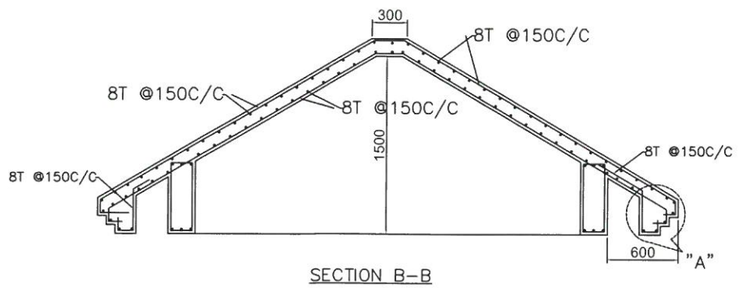
COLUMN-C1 TYP.



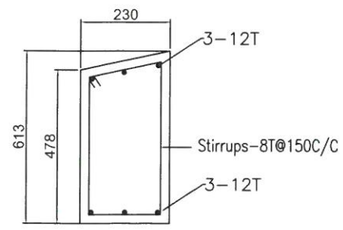
ROOF BEAM LAYOUT



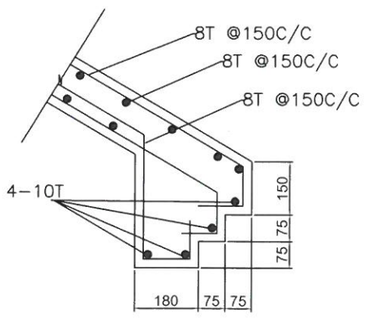
SECTION A-A



SECTION B-B



ROOF BEAM C/S



DETAIL "A"

LOFT SALB

100 MM THK. RCC SLAB WITH 8T @150C/C BOTH WAYS, WATER PROOFING COMPOUND SHALL BE ADDED IN THE RCC SLAB CONCRETE

NOTES

1. ALL DIMENSIONS ARE IN MILIMETER AND LEVELS ARE IN METRES. LEVELS MENTIONED IN THE DRAWING ARE FINISHED LEVEL. ALLOWANCE SHALL BE KEPT FOR FINISHES.
2. DRAWING SHOULD NOT BE SCALED ONLY WRITTEN DIMENSIONS TO BE FOLLOWED
3. CONCRETE GRADE M20 OR 1:1.5:3 MIX ; Grade of reinforcement shall be Fe500.
4. LAPPING TO REINFORCMENT FOR
   - BEAM TENSION REINFORCMENT SHALL BE AT 'd' FROM SUPPORT d = EFFECTIVE DEPTH.
   - BEAM COMPRESSION REINFORCMENT SHALL BE AT MID SPAN.
   - COLOUMN LONGITUDINAL REINFORCMENT SHALL BE AT MID-HEIGHT OF FLOOR.

   LAPPING TO REINFORCMENT SHALL BE 50 X BAR DIA.
5. ADEQUATE CHAIRS SHALL BE PROVIDED.
6. ALL ISOLATED FOOTINGS ARE CONCENTRIC WITH COLUMNS.
7. For detailing of reinforcement refer IS-456 & SP-34

RELEASED FOR TENDER/CONSTRUCTION

POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)

PROJECT : 400/220 KV SUBSTATIONS

TITLE : STRUCTURAL DETAILS OF SECURITY ROOM

REV	DE (ENGG-CIVIL)	ASSTT GM (ENGG-CIVIL)	AGM (ENGG-CIVIL)	GM (ENGG-CIVIL)	DATE
00					18.7.17

SCALE	DRG NO.:-	SHEET	R-0
NTS	C/ENGG/SEC HUT/01	2 OF 2	