



प्रसार भारती
Prasar Bharati
भारत का लोक सेवा प्रदायक
India's Public Service Broadcaster
कार्यालय अपर महानिदेशक (अभि.) (उत्तरी क्षेत्र)
Office of the Additional Director General (E) (NZ)
आकाशवाणी एवं दूरदर्शन
Akashvani & Doordarshan
आदवा ब्लॉक, सूचना भवन, सी.जी.ओ. कॉम्प्लेक्स, नई दिल्ली-110003
8th floor, Soochna Bhawan, CGO Complex, New Delhi-110003



सत्यमेव जयते सुन्दरम्

AIR-Co/Agra/2V/3/2024-25/Instt./(refurbishing of studios)

Dated: 13.01.2025

Subject: Dismantling, providing, fabrication & fixing of acoustic treated false ceiling and wall paneling including wainscot of Talk Studio, Transmission studio, Dubbing room, Music Studio and other technical area at Akashvani Agra (UP).

1. The budgetary quotation with drawing for the upcoming tender is enclosed herewith to offer comments & industrial feedback, if any by prospective bidders/firms.
2. Bidders/firms are requested to provide information about content in respect of works along with budgetary quote.
3. Bidders/firms may please submit the above detail on or before due date by e-mail to bcbelwal@prasarbharati.gov.in or at following address.

B C Belwal
Assistant Director (Engg.)
Room No. 899-B,
O/o ADG(E-NZ)
Akashvani & Doordarshan,
8th floor, CGO Complex,
Soochna Bhawan, New Delhi-110003
Mobile No.: 09868539587

Budgetary Quotation for: Dismantling, providing, fabrication & fixing of acoustic treated false ceiling and wall paneling including wainscot of Talk Studio, Transmission studio, Dubbing room, Music Studio and other technical area at Akashvani Agra (UP).

Due Date to offer Comments: 24.01.2025

Enclosed:

1. Budgetary Quotation form for the upcoming tender is enclosed herewith to offer comments, if any by prospective bidders/firms.
2. Drawing for dismantling, providing, fabrication & fixing of acoustic treated false ceiling and wall paneling including wainscot of Talk Studio, Transmission studio, Dubbing room, Music Studio and other technical area at Akashvani Agra (UP).

**Assistant Director (Engg.)
for Add. Director General (NZ)**

भुवन चन्द्र बेलवाल
सहायक निदेशक (अभि.)



AIR-Co/Agra/2V/3/2024-25/Instt. (refurbishing of studios)

Dated: 13.01.2025

Budgetary Quotation Form

Project: Refurbishing of studios under the component face-lift of DD/AIR Channels under project mode at Akashvani Agra (UP).
Subject: Dismantling, providing, fabrication & fixing of acoustic treated false ceiling and wall paneling including wainscot of Talk Studio, Transmission studio, Dubbing room, Music Studio and other technical area at Akashvani Agra (UP).

Last date of receipt of budgetary quotation in this office: 24.01.2025 upto 12:00Hrs.

Please read carefully the terms and conditions given the enquiry quotation form.

S.No.	Description	Qty	Rates	Amount
1.	Dismantling of old worn out false ceiling material of Talk Studio, Transmission studio, Dubbing room, Music Studio and other technical area shifting & disposal of dismantled debris material from the outside of the office premises. Total area- 151 Sqmtr	1 Job		
2.	Providing, fabrication and fixing of false ceiling's facing material in Talk Studio, Transmission studio, Dubbing room, Music Studio and other technical area at Akashvani Agra (UP) as per drawing SG=10150 and 10178/4 Description of scope as per measurement taken at site: a) Providing, fabrication and fixing of 12mm thick plain insulation board as per drawing. b) Providing, fabrication and fixing of absorbing acoustic material glass wool pads covered with tissue paper inside the wood frame as per drawing. c) Providing, fabrication and fixing of 12.5mm thick acoustic facing material fully perforated gypsum tiles (600mm x 600mm) as per drawing. d) Providing, fabrication and fixing of 2"x2" wooden cedar/teak wood cover beading at all the corners, joints and edges as per site. e) Providing of 600mm x 600mm hinged flap flushed doors and fixing it on the ceiling in Talk Studio, Transmission studio, Dubbing room, Music Studio and other technical area at Akashvani Agra (UP)	151 Sq.mtr		
3.	Dismantling of old worn out wooden wall panelling facing material of Talk Studio, Transmission studio, Dubbing room, Music Studio and other technical area, shifting & disposal of dismantled debris material from the outside of the office premises. Total area - 362Sq.mtr	1 Job		
4.	Providing, fabrication and fixing of A & B type wooden walls paneling facing material including wainscot in Talk Studio, Transmission studio, Dubbing room, Music Studio and other technical area at Akashvani Agra (UP) Description of scope as per measurement taken at site: A-Type Wall Treatment Drawing no. SG 10178/4: a) Providing, fabrication and fixing of 12mm thick plain insulation board as per drawing. b) Providing, fabrication and fixing of absorbing acoustic material on walls, 25mm thick glass wool pads covered with tissue paper inside the teak wood frame as per site for the Studio. c) Providing, fabrication and fixing of 4 mm thick teak/cedar ply sheets to make wainscot up to the partition height of 1.20mtr from ground level. d) Providing, fabrication and fixing of wooden cedar/teak wood cover beading at all the corners, joints and edges as per site requirement. e) Providing, fabrication and fixing of cedar/teak wooden batten frame work as per site drawing (if required). This includes all required jobs to be complete the scope mentioned in drawing. B-Type Wall treatment Drawing no. SG 10178/4: a) Providing, fabrication and fixing of absorbing acoustic material on walls, 25mm thick glass wool pads covered with tissue paper inside the teak wood frame as per site for the Studio. b) Providing, fabrication and fixing of 12mm thick plain insulation board as per drawing. c) Providing, fabrication and fixing of 12.5mm thick acoustic facing material fully perforated gypsum tiles (600mm x 600mm). d) Providing, fabrication and fixing of wooden cedar/teak wood cover beading at all the corners, joints and edges as per site requirement. e) Providing, fabrication and fixing of cedar/teak wooden batten frame work as per site drawing (if required). This includes all required jobs to be complete the scope mentioned in drawing.	362 Sq.mtr		
5.	Providing, fabrication & fixing of cedar/teak wooden skirting (125mm x 13mm) in Studios at Akashvani Agra (UP)	100 R.mtr		
6.	Anti-Termite treatment to ensure uniform distribution and proper penetration of treatment of treating solution at columns pits, wall trenches, top surface, and conduits, expansion joints junction walls & the floor etc as required in Studios and Technical area at Akashvani Agra (UP). (Approx 335 Sq Mtr) Complete in all respect in Studio premises at Akashvani Agra (UP)	01 Job		
7.	Fixing of 2ft x 2ft recessed mounted LED light fixtures, space shall be provided in ceiling equal to the size of light fixtures as per respective layout drawings with supply of 1.5 Sq. mm multistrand single core copper cable 05 Rolls (100mtr each) with complete laying & wiring from electrical board to 2ft x 2ft recessed mounted LED light fixtures and make them ready to use in Studios & technical area at Akashvani Agra (UP).	20Nos.		
	Important Note:- (Must read carefully) <ul style="list-style-type: none"> Drawings are provided for guidance of bidder. Akashvani Agra is a running station of AIR and studios and other technical area are available only during non working hours of station which may be in night time also. There will be limited working hours based on availability of concern studios. Working hours shall be decided by engineering head. All above shall be carried out and completed strictly as per respective drawings. Minor materials like screw of various sizes nails of appropriate size, all adhesives as per requirements of standard quality has to be provide by the tenderer. Hardware material such as fasteners, hanging rods, gypsum screws, steel screws, nails, slotted angle, fevicol, tissue paper, etc. Required for completion of above is to be provided/supplied by the bidder. All required wooden material should be water proof & termite proof and should be of reputed brand. As the required scope is to be carried out in the running station the all job are required to be done in coordination with the station authorities. Total working hours per day shall be decided on the availability of the studios. The bidder must be experienced in same kind of scope & shall submit documentary proof of same. Above complete scope will be carried out in presence of authorized representative of this office. 			
	Total			
	GST@			
	Grand Total			

Note:

- Scope of the order shall be as defined in the order, specifications, drawings and Appendices there to.
 - Completeness of the equipment shall be the responsibility of the supplier/contractor. Any equipment, fittings and accessories, which may not be specifically mentioned in the specification or drawing(s) but which are usual or necessary for the satisfactory functioning of the equipment (successful operation and functioning of the equipment being supplier's/contractor's responsibility) shall be provided by the supplier/contractor without any extra cost.
 - The supplier/contractor shall follow the best modern practice in the manufacture of high grade equipment notwithstanding any omission in that, the supplier/contractor shall in all respect design, engineer, manufacture, and supply the same within delivery period to the entire satisfaction of the organization.
 - The scope of current bid/tender is providing, fabrication & fixing of acoustic treated false ceiling and wall paneling including wainscot of Talk Studio, Transmission studio, Dubbing room, Music Studio and other technical area including dismantling of A/T material of existing technical area as per BOQ at Akashvani Agra (UP).
 - Details standard drawings have been provided with tender for guidance of bidder. Bidder shall require visiting the site for understanding the clear requirement of scope before submitting the offer.
 - The design life of product offered for various acoustic treated wall paneling including wainscot and acoustic treated false ceiling should be 25 years.
 - Detailed BOQ and material specifications shall be submitted along with make, model (if applicable) of all the materials including technical leaflets of OEM as per the offered design. The NRC value of all applicable products shall be mentioned.
 - Detailed specifications shall be submitted as per scope.
 - Experience details of similar scope executed during last seven years shall be submitted as per general terms and condition of contract.
 - Time of execution as per permission of engineer incharge at Akashvani Agra (UP).
 - The bidder must be experienced in same kind of scope & shall submit documentary evidence with offer. The completion certificate is to be attached, issued by any Govt. Agency only.
 - Execution of scope has to be completed without break in service at Akashvani Agra (UP).
 - Before submitting the offer tenderer must visit site and with prior permission of the site in-charge and submit confirmation of site visit. Technical details will be provided by In-charge of Site/I.O.
 - The firm has to produce a list all such labour along with the address proof which are to be employed office on signing contract. The firm shall issue the identity cards to all such persons to facilitate the entry in at Akashvani Agra(UP).
 - Inspection will be carried out preferably in presence of authorized representative of O/o ADG(E) (NZ), AIR & DD, 8th floor, Sochna Bhawan, CGO Complex, New Delhi-110003.
 - Any damage or misplace in equipment will have to be provided by the firm during execution.
- 1) Quantity of Material & Scope may increase or decrease as per actual requirement/constraints at site.
 - 2) Please read carefully the terms and conditions given in this quotation form.
 - a) GSTIN No:
 - b) PAN No.....
 - 3) **Delivery at:** Refurbishing of studios at Akashvani Agra (UP).
 - 4) **Consignee:** Installation officer, Akashvani Agra (UP).
 - 5) **Completion Period:** Execution/Completion of scope in good condition within 90days from the date of order.
 - 6) **Validity:** 120days
 - 7) **Payment terms:**
 - 97% Payment on completion/execution of scope in good condition at site.
 - Balance payment of 03% will be paid after guarantee/warranty period of one year. However payment can be released against FDR/Account Payee Demand Draft/Banker's Cheque of equivalent amount in favour of Chief Engineer (NZ), AIR & DD, New Delhi valid for guarantee period at least.
 - 8) **Performance Guarantee/Security Deposit:**
 - The firm/contractor should submit performance guarantee/security deposit in the form of FDR from a schedule commercial bank valid for one year in favour of Chief Engineer (NZ), AIR & DD, New Delhi.
 - The Performance Guarantee/Security Deposit shall be 03% of cost of the order/contract value.
 - For release of security deposit/performance security, the firm will submit his claim along with a certificate from the ultimate consignee that equipment supplied/SITC executed against this order has performed satisfactorily during its warranty/guarantee period and department have not suffered any loss/inconvenience on this account.
 - 9) **Declaration:** We declare that all the conditions as given in the quotation form have been read by us.

Name (in capital) _____
(Seal & Signature of the Bidder)

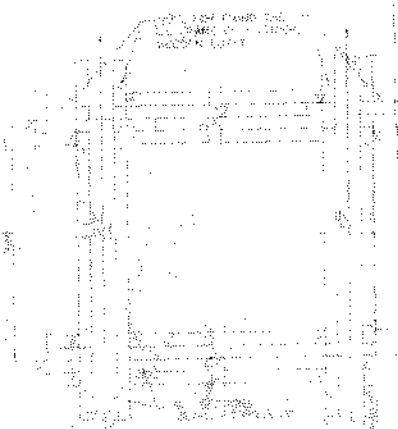
DESCRIPTION OF ABSORBING AND FACING MATERIALS

ABSORBING MATERIAL (TABLE 1)

DESCRIPTION OF ABSORBING MATERIAL	REMARKS
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3.
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10.

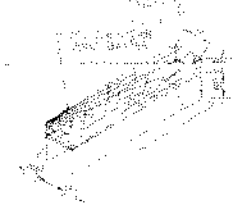
FACING MATERIAL (TABLE 2)

DESCRIPTION OF FACING MATERIAL	REMARKS
1.
2.
3.
4.
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10.



DETAIL OF WALL ASSEMBLY FOR ABSORBING AND FACING MATERIALS

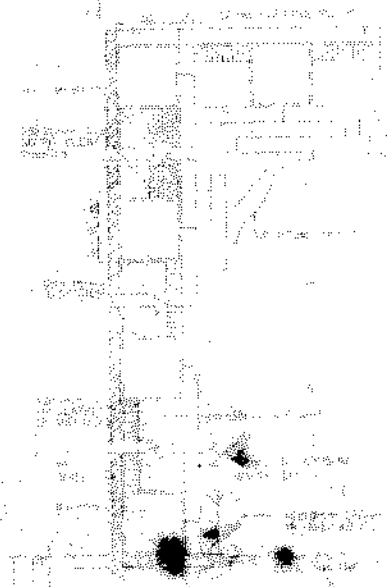
DETAIL FOR D-TYPE TREATMENT (FIG. 10)



DETAIL OF FRAME FOR D-TYPE TREATMENT



TREATMENT ON WALL

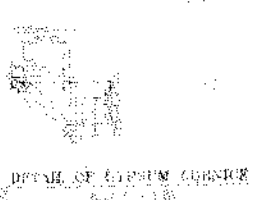


TREATMENT ON WALL

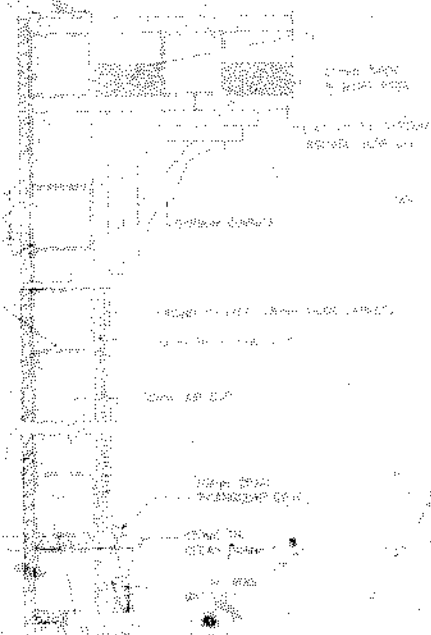


TREATMENT ON CEILING

DETAIL AND NECESSITY OF JOINT ON WALL



DETAIL OF ALUMINUM JOINT

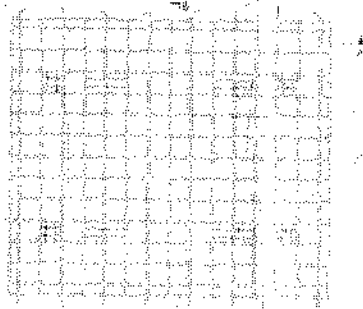


GENERAL NOTES:
 1. All work shall be in accordance with the specifications and drawings.
 2. The contractor shall be responsible for the selection and procurement of all materials.
 3. All materials shall be of the highest quality and shall be tested and approved by the Engineer before use.
 4. The contractor shall be responsible for the protection of all existing structures and utilities.
 5. All work shall be completed within the specified time schedule.
 6. The contractor shall be responsible for the safety of all workers and the public.
 7. All work shall be done in accordance with the applicable codes and standards.
 8. The contractor shall be responsible for the cleanup and removal of all debris and waste.
 9. All work shall be done in accordance with the applicable laws and regulations.
 10. The contractor shall be responsible for the maintenance and repair of all work until it is accepted by the Engineer.

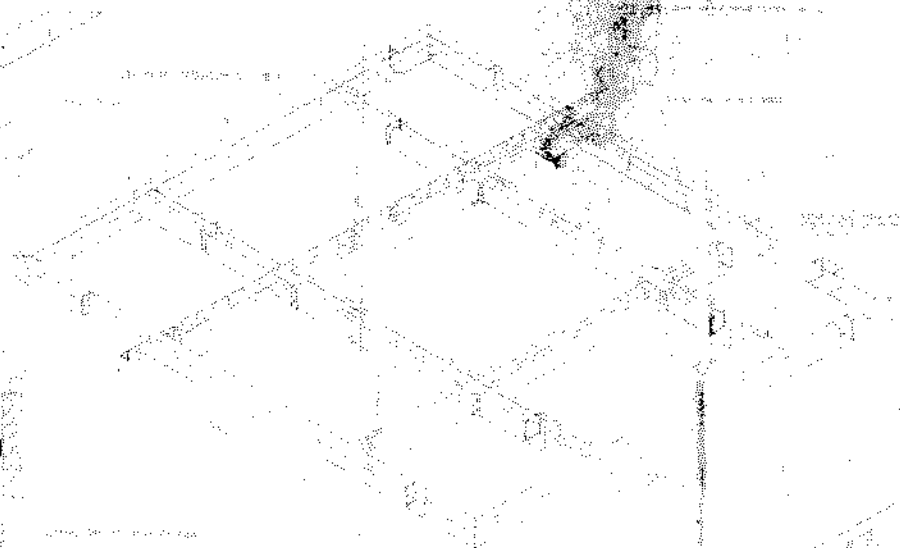
GENERAL DESCRIPTION OF ABSORBING AND FACING MATERIALS

FIRST COLUMN STANDS FOR ABSORBING MATERIAL
 SECOND COLUMN STANDS FOR FACING MATERIAL

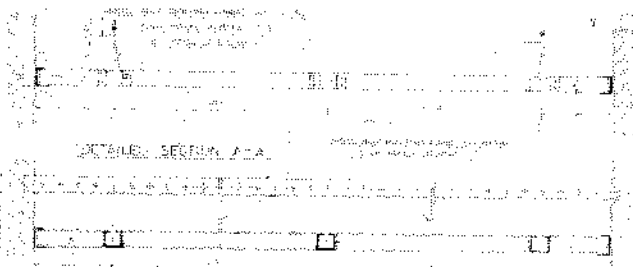
CONSTRUCTION DETAIL OF METALIC FRAME STRUCTURE FOR FALSE CEILING



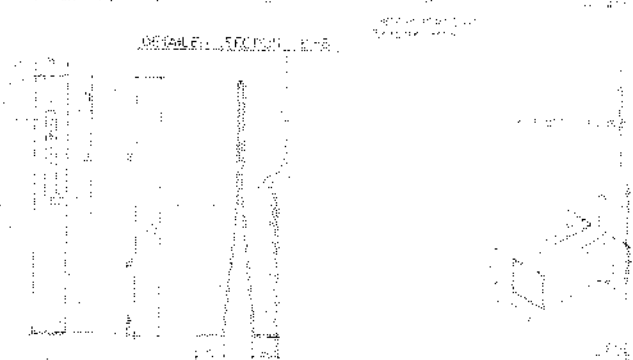
GENERAL PLAN



GENERAL VIEW OF BEAMS WITH HOOKS FOR FALSE CEILING



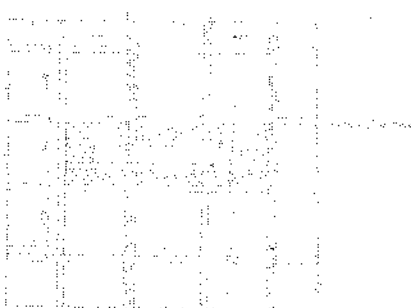
SECTIONAL VIEW A-A



SECTIONAL VIEW B-B

SECTIONAL VIEW C-C

DETAIL OF STRAP HARDWARE OF (A) SHEET (C)



DETAIL OF STRAP HARDWARE OF (A) SHEET (C)



SECTIONAL VIEW D-D

SECTIONAL VIEW E-E

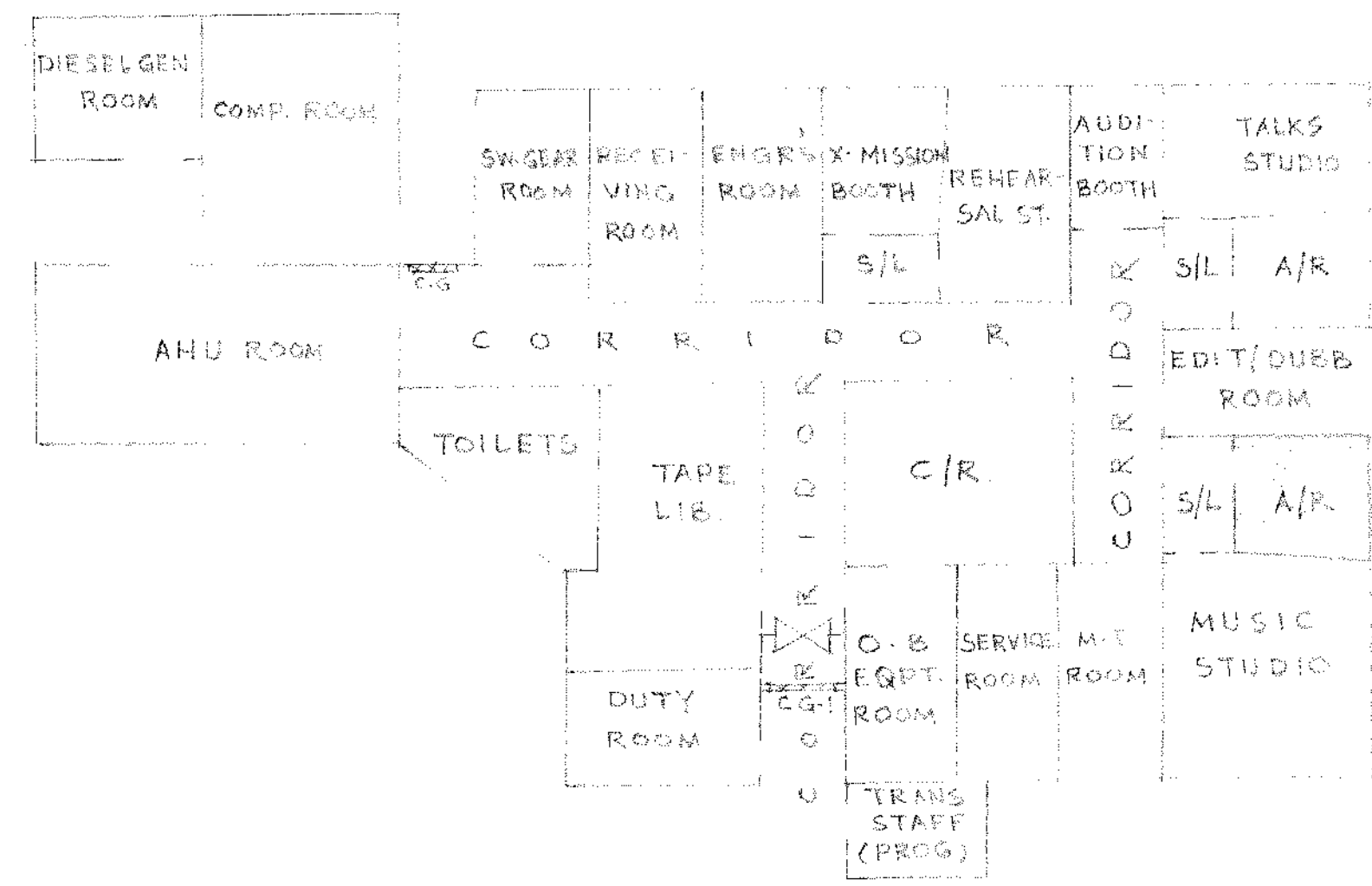
SECTIONAL VIEW F-F

NO.	DESCRIPTION	DATE
1	REVISION	
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TYPE-I(R) STUDIOS AGRA

OPENED OUT DETAILS OF ANNOUNCER ROOM OF MUSIC STUDIO

R.NO.	DATE	ZONE	BRIEF RECORD	INITIAL
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KEY PLAN
SCALE: 1:200

ACOUSTIC TREATMENT

NAME	TREATMENT	SYMBOL	AREA IN SQ. FT.
CEILING	12mm PERFORATED, BEVEL EDGED	(C7)	
WALLS	i) 3mm TH. P.H.B. + 50mm A.G. + 25mm M.W. + 3mm COM. PLY.	(P0)	
	ii) 5mm P.H.B. + 50mm M.W. + 3mm COM. PLY.	(P1)	
FLOOR	30 MM MARBLEX		

ACOUSTIC DATA

AIR OF MUSIC	FREQUENCY IN HZ.	125	250	500	1K	2K	4K
	OPTIMUM REV. TIME (IN SEC.)	.35	.35	.35	.35	.35	.35
	CALCULATED " " " "	.34	.39	.31	.33	.33	.36
	MEASURED " " " "						

LEGEND

PERFORATED HARD BOARD (P.H.B.)	
75MM X 50MM TEAK OR DEodar WOOD BATTEN	
75MM X 25MM " " " "	
75MM X 25MM " " " "	
100MM X 100MM SAL WOOD BEAM	
TEAK PLY FACINGS	

DRG. NO. SA-9926

FINISHES

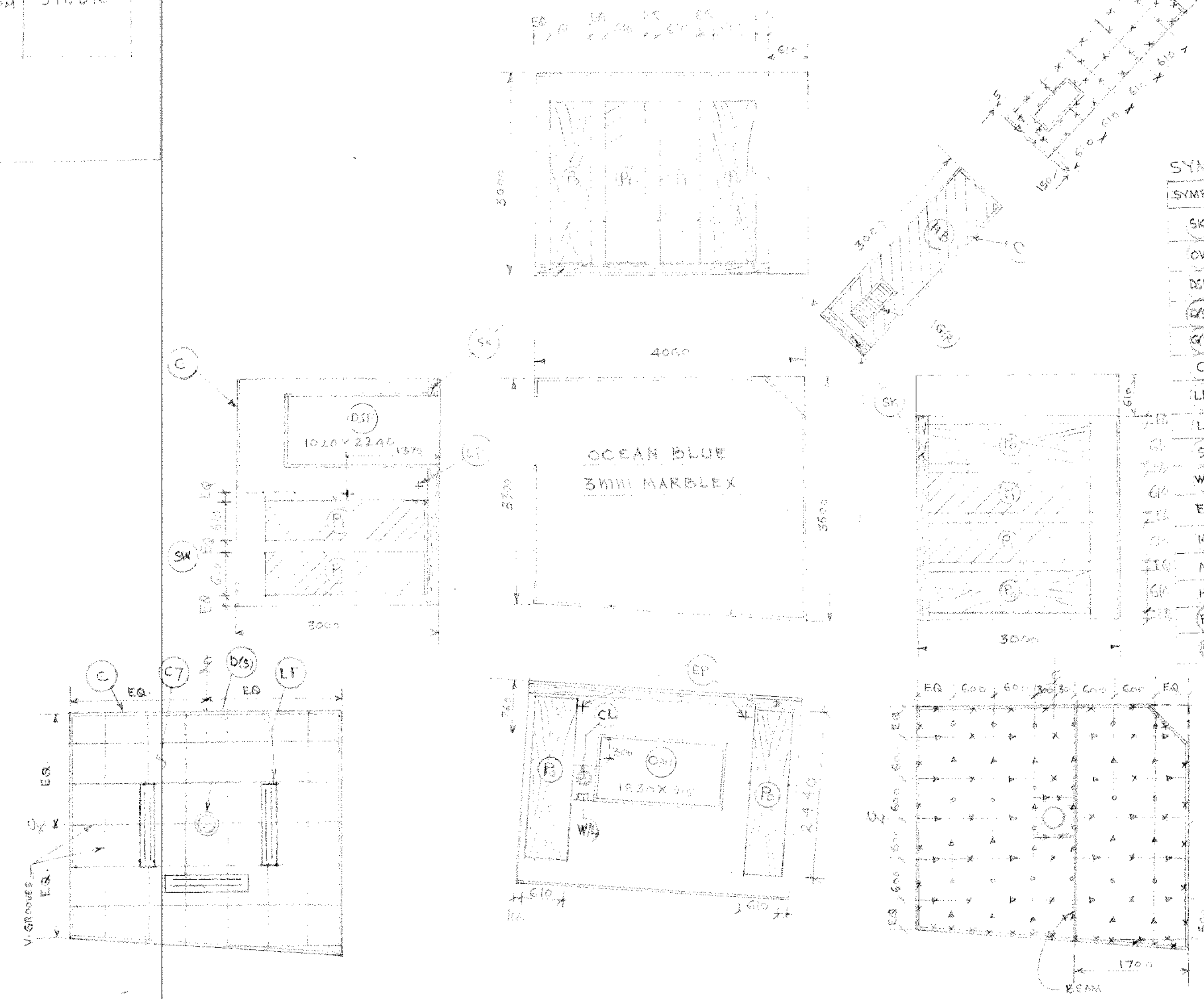
BARE WALL	GIL BOUND DISTEMPER, PALE CREAM, SHA. E. NO. 452 OF IS-5-1975
TEAK PLY FACINGS	FRENCH POLISH TEAK SHADE
TEAK WOOD SKIRTING	DO
TEAK WOOD MOULDING	FLAT OIL PAINT, PALE CREAM, SHADE NO. 312 OF IS-5-1975
SW. FACE PLATE	INDUSTRIAL LAMINATE TO MATCH BACK GROUND
S.P. DOOR	OUTSIDE: DECORATIVE INDUSTRIAL LAMINATE (TEAK SHADE) INSIDE: TEAK PLY FRENCH POLISHED
CEILING DIFFUSER/GRILLE	FIRST QUALITY ENAMEL PAINT, PALE CREAM
P.H.B./HARD BOARD	FLAT OIL PAINT, PALE CREAM, N. 352 OF IS-5-1975
FLOOR	30MM MARBLEX, COLOUR OCEAN BLUE

SYMBOLS & DETAILS WITH RELEVANT CONSTRUCTION DRAWINGS

SYMBOL	DETAILS	REF. DRG.	REMARKS
(SK)	150MM TEAK WOOD SKIRTING		
(CW)	OBSERVATION WINDOW	SA-1001	
(DP)	DOOR SOUND PROOF	SA-1002	
(DS)	DIFFUSER (SOUND)	SA-1003	
(GR)	GRILLE (RETURN)	SA-1004	
(C)	COVE MOULDING AROUND EDGES		
(LF)	LIGHT FITTINGS, DECORATIVE WITH PRISMATIC LOUVRES 2X30W PL.		
(LP)	LIGHT POINT, 3 PIN SA		
(SW)	SWITCH		
(WL)	WARNING LAMP		
(EP)	EQUIPMENT POINT, 3 PIN SA		
(MW)	MINERAL WOOL		
(AG)	AIR GAP		
(HB)	HARD BOARD 4.5mm THICK		
(FD)	FLAP DOOR OF SIZE (600mm X 600mm) HINGED TO OPEN UPWARDS		
(CL)	QUANTITY CLOAK COLORE 500 X 100 X 100mm		

NOTES:-

- CODE NOS. SHOWN IN CIRCLES INDICATE THE TYPE OF TREATMENT TO BE PROVIDED. FOR SECTIONAL DETAILS OF ACOUSTIC TREATMENT PLEASE REFER TO DRG. NO. SA-1006/7.
- P.H.B. SHALL BE RAIN GUARDED AS PER DRG. NO. SA-1002/4.
- THE SPACING OF BATTENS IN THIS DRG. IS FOR GUIDANCE ONLY THIS MAY BE SUITABLY MODIFIED AT SITE DEPENDENT UPON THE SIZE OF MATERIALS AVAILABLE.
- P.H.B. SHALL BE OF NOT LESS THAN 7% OPEN AREA (BETWEEN 7% TO 9%).
- FOR LAYOUT OF CEILING HOOKS AND BEAMS REFER TO DRG. NO. SA-9875.



REFLECTED PLAN OF FALSE CEILING
(LOCATION OF FLAP DOOR MAY BE DECIDED AT SITE)

CONSTRUCTIONAL DETAILS OF FALSE CEILING

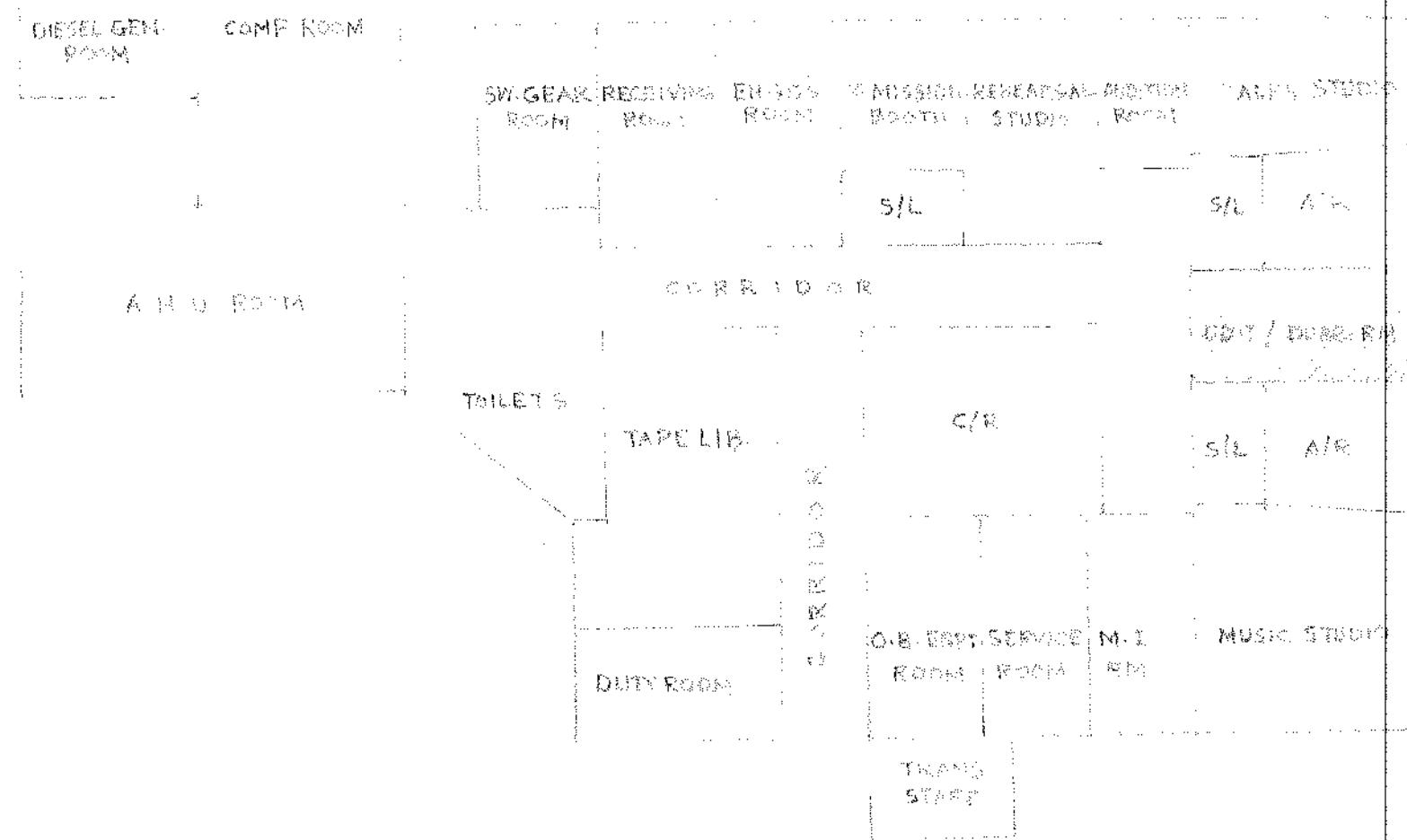
NOTES CONTD:-

- FOR CONSTRUCTIONAL DETAILS OF ACOUSTIC PANELS, REFER DRG. SA-9793.
- FOR INCLINATION OF G/W GLASS PLATES REFER RELEVANT DRG.
- THE (C) & (W) SHALL BE FIXED ON A WOODEN BOARD AND SUITABLY TILTED TOWARDS ANNOUNCER TO AVOID PARALLAX ERROR.

DATE	REV.	TYPE I(R) STUDIO	ALL INDIA RADIO
18/11/75	1	AGRA	2nd UNIT
			NEW DELHI-INDIA
APPROVED		OPENED OUT	
DATE		DETAILS OF	
		A/R	
		STUDIO	
		APPROVE	
			NO. SA-9926

TYPE-I (R) STUDIOS AGRA

OPENED OUT DETAILS OF EDITING/DUBBING ROOM



KEY PLAN
SCALE: 1:200

ACOUSTIC DATA

NAME	FREQUENCY	125	250	500	1K	2K	4K
OPTIMUM REV. TIME (IN SECONDS)		0.25	0.35	0.35	0.45	0.35	0.25
CALCULATED " " (" ")		0.33	0.30	0.33	0.35	0.34	0.27
MEASURED " " (" ")							

ACOUSTIC TREATMENT

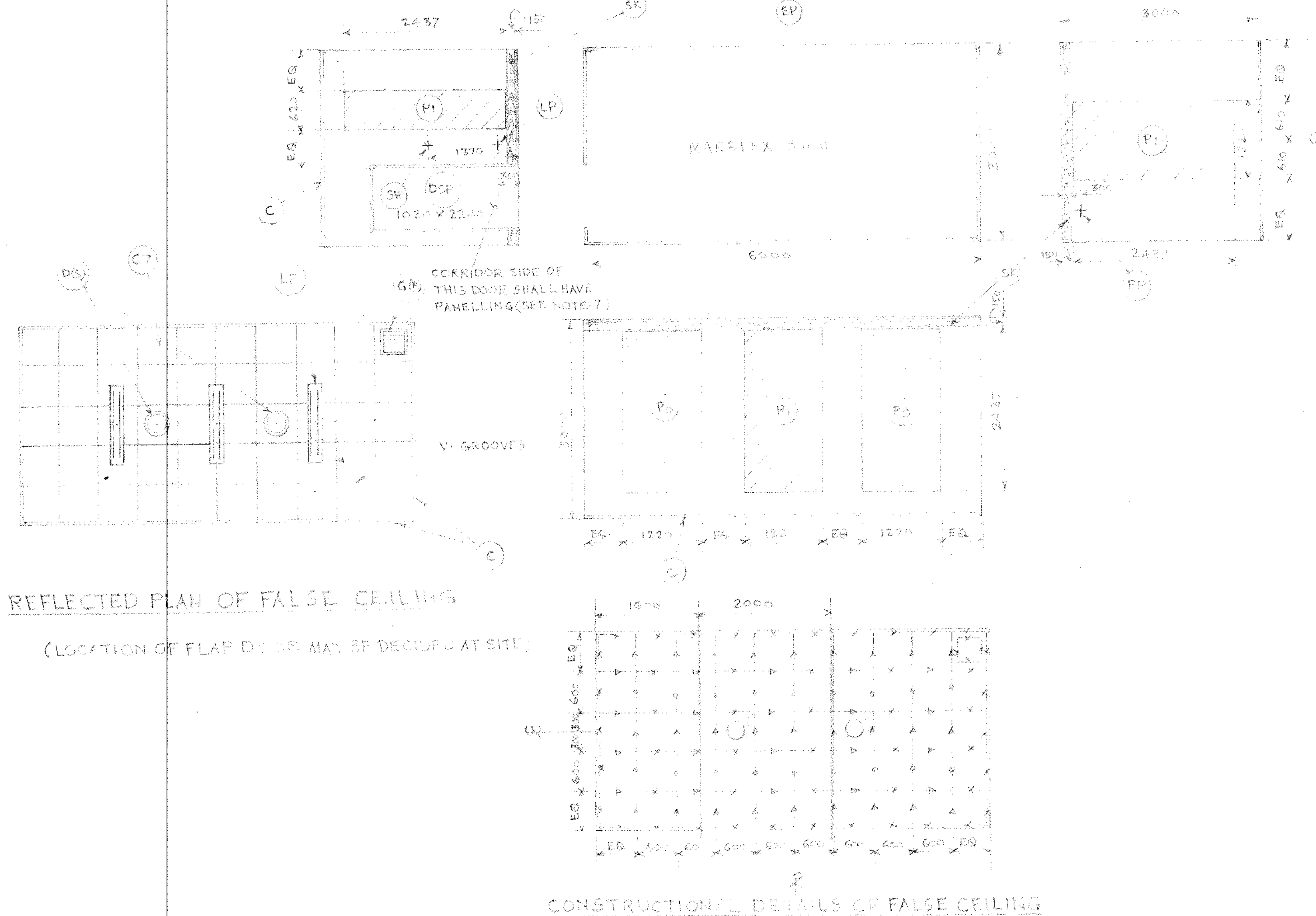
NAME	TREATMENT	SYMBOL	AREA IN SQ. M.
CEILING	12mm THICK PERFOTILES BEVEL EDGED	(C7)	
WALLS	3mm T.P. + 50mm A.G. + 25mm M.W. + 30mm COM. PLY	(P6)	
	5mm P.P.E. + 50mm M.W. + 30mm COM. PLY	(P1)	
FLOORING	MARBLEX		

LEGEND

S.NO	DESCRIPTION	SYMBOLS
1	SKIRTING	(SK)
2	50mm x 50mm TEAK OR DEODAR WOOD BATTEN	(X)
3	75mm x 50mm " " " " " "	(Y)
4	75mm x 25mm " " " " " "	(Z)
5	75mm x 100mm SAL WOOD BEAM	(A)
6	TEAK PLY FACING (P6 TYPE PANEL & C. L.P.A)	(P6)
7	PLY FACING (P1 TYPE PANEL)	(P1)

REFLECTED PLAN OF FALSE CEILING

(LOCATION OF FLAP DOOR MAY BE DECIDED AT SITE)



CONSTRUCTIONAL DETAILS OF FALSE CEILING

COLOUR/FINISHES

PERFORATED HARD BOARD AND HARD BOARD FACING	FLAT OIL PAINT IVORY SHADE/COLOUR NO.352 OF IS-5-1978
BARE WALL	OIL BOUND DISTEMPER IVORY SHADE (COLOUR NO. 352 OF IS-5-1978)
TEAK PLY FACING	FRENCH POLISH TEAK SHADE
TEAK WOOD SKIRTING	DO
TEAK WOOD MOULDING	FLAT OIL PAINT IVORY SHADE (NO.352)
SW. FACE PLATE	INDUSTRIAL LAMINATE TO MATCH BACK GROUND
S.P. DOOR	OUTSIDE: DECORATIVE INDUSTRIAL LAMINATE, TEAK SHADE INSIDE: TEAK PLY FRENCH POLISHED
CEILING DIFFUSER/GRILLE	FIRST QUALITY ENAMEL PAINT (IVORY SHADE)
FLOORING	MARBLEX TILES (OPAL BLUE)
PERFOTILES	DRY DISTEMPER IVORY SHADE, COLOUR NO. 352 OF IS-5-1978

SYMBOLS & DETAILS WITH RELEVANT CONSTRUCTION

SYMBOL	DETAILS	DRG. NO.
(SK)	150MM TEAK WOOD SKIRTING	SG-10000A
(DP)	SOUND PROOF DOOR	SG-10009
(DS)	DIFFUSER (SUPPLY)	SG-10030
(GR)	GRILLE (RETURN)	SG-10049
(CL)	CLOCK WITH CENTRE SECOND (50MM) QUARTZ CONTROLLED	
(C)	COVE MOULDINGS AROUND EDGES	
(LF)	LIGHT FITTINGS DECORATIVE TYPE WITH PRISMATIC LOUVRES AT THE BOTTOM (2437 X 3000)	
(PP)	POWER POINT	
(SW)	SWITCH	
(LP)	LIGHT POINT	
(EP)	EQUIPMENT POINT 3 PIN, 15 AMP	
(FD)	FLAP DOOR HINGED (SIZE 600MM X 600MM) OPEN UPWARD	

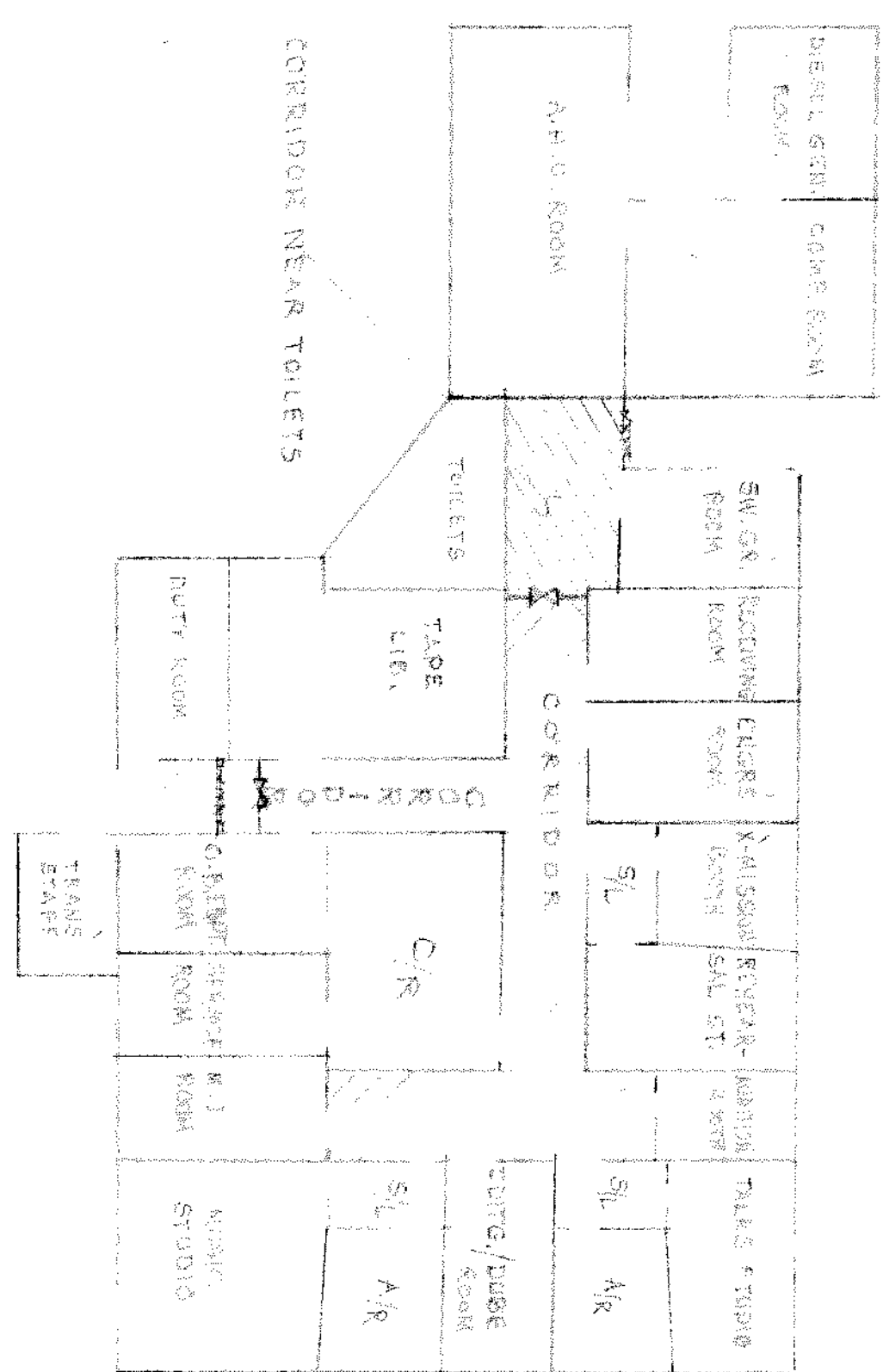
NOTES

- GENERAL DRG. NO. SG-10000A MAY BE REFERRED TO FOR SECTIONAL DETAILS OF CEILING TREATMENT
- THE SPACING OF CEILING BATTENS SHOWN IN THIS DRG. IS FOR GUIDANCE ONLY. THIS MAY BE SUITABLY MODIFIED AT SITE DEPENDING UPON THE SIZE OF MATERIAL AVAILABLE.
- COVE IS TO BE FIXED TO COVER GAP BETWEEN PANEL AND WALL.
- THE SKIRTING OF BLANK WALL SHALL BE FIXED OVER 15(D) X 50(W) BATTEN WORK FOR SKIRTING BELOW TREATED AREA DRG. NO. SG-10000A MAY BE FOLLOWED.
- FOR DETAILS OF ACOUSTIC PANELS REFER TO DRG. NO. SA-9793.
- THE ACOUSTIC PANEL SHALL BE FABRICATED ON THE FLOOR AND FIXED TO THE WALL WITH THE WOODEN GUTTIES AT FOUR PLACES ON EACH SIDE OF THE FRAME WORK.
- PANELLING OF SOUND PROOF DOOR OPENING ON THE CORRIDOR SIDE SHALL BE AS PER DRG. NO. SG-10009.

FORESTIMATES ONLY

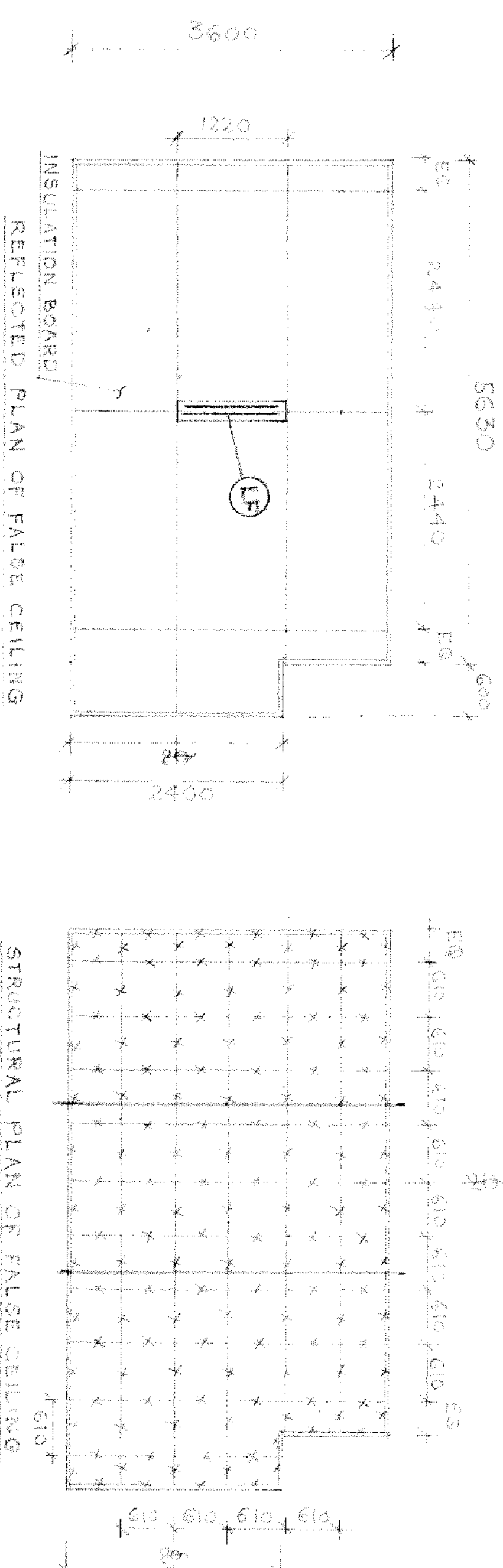
DATE	NAME	TYPE I (R) STUDIOS AGRA	ALL INDIA RADIO PED. UNIT NEW DELHI - INDIA
22-08-78	Neeraj		
SCALE: 1:50	APPROVED		
	ROOM		NO. SA9932

KEY PLAN
SCALE: 1:200



TYPE I (R) STUDIOS, AGRA

FALSE CEILING DETAILS OF CORRIDORS



CORRIDOR NEAR TOILETS
F.C.H. = 2700
FLOORING - MOSAIC

REFLECTED PLAN OF FALSE CEILING

STRUCTURAL PLAN OF FALSE CEILING

COLOR FINISH

LOCATION	FINISH
CEILING	DRY DISTEMPER (WORK SHADE) (S.S. NO. 352)
FLOOR	4.5 CM UNGLAZED SHALE (S.S. NO. 35) OR POLISH ONLY.
WALLS	DRY DISTEMPER (WORK SHADE) (S.S. NO. 352)
CURTAINS	FRENCH POLISH TEAK WOOD

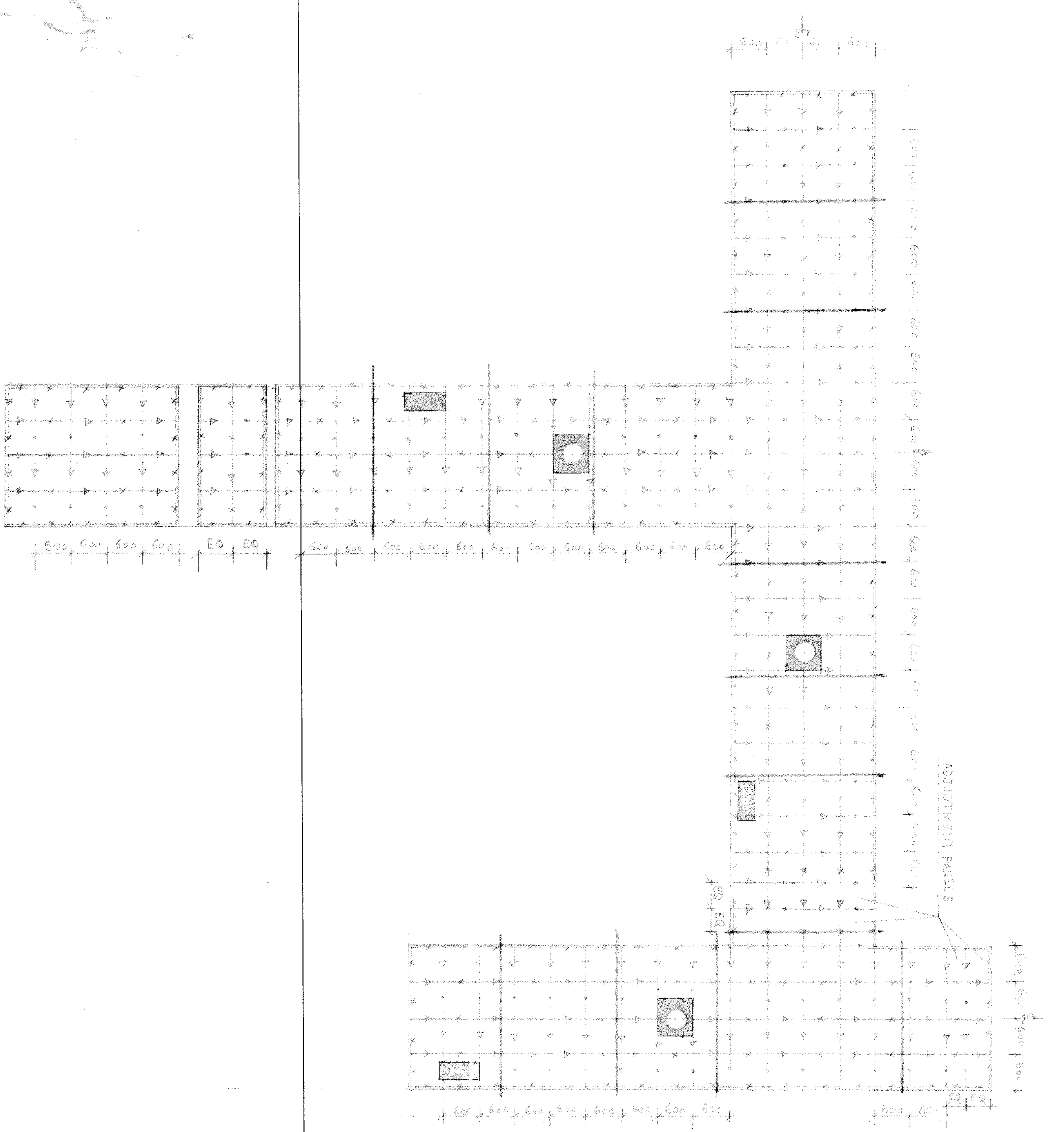
SYMBOLS & DETAILS WITH RELEVANT CODE REFLECTOR DRESS.

(C)	CONCRETE MOUNTINGS AROUND THE EDGE OF	SG - 10001
(L)	LIGHT FITTINGS	SG - 10001
(D)	DRILLER SUPPLY	SG - 10000
(R)	DRILLER RETURN	SG - 10010
(P)	PERFORATORS WITH LEVEL EDGES AND 100 MM DIA.	(S.S. NO. 35)
(F)	FLAP DOOR WITH FLAP DOOR TO OPERATOR'S	

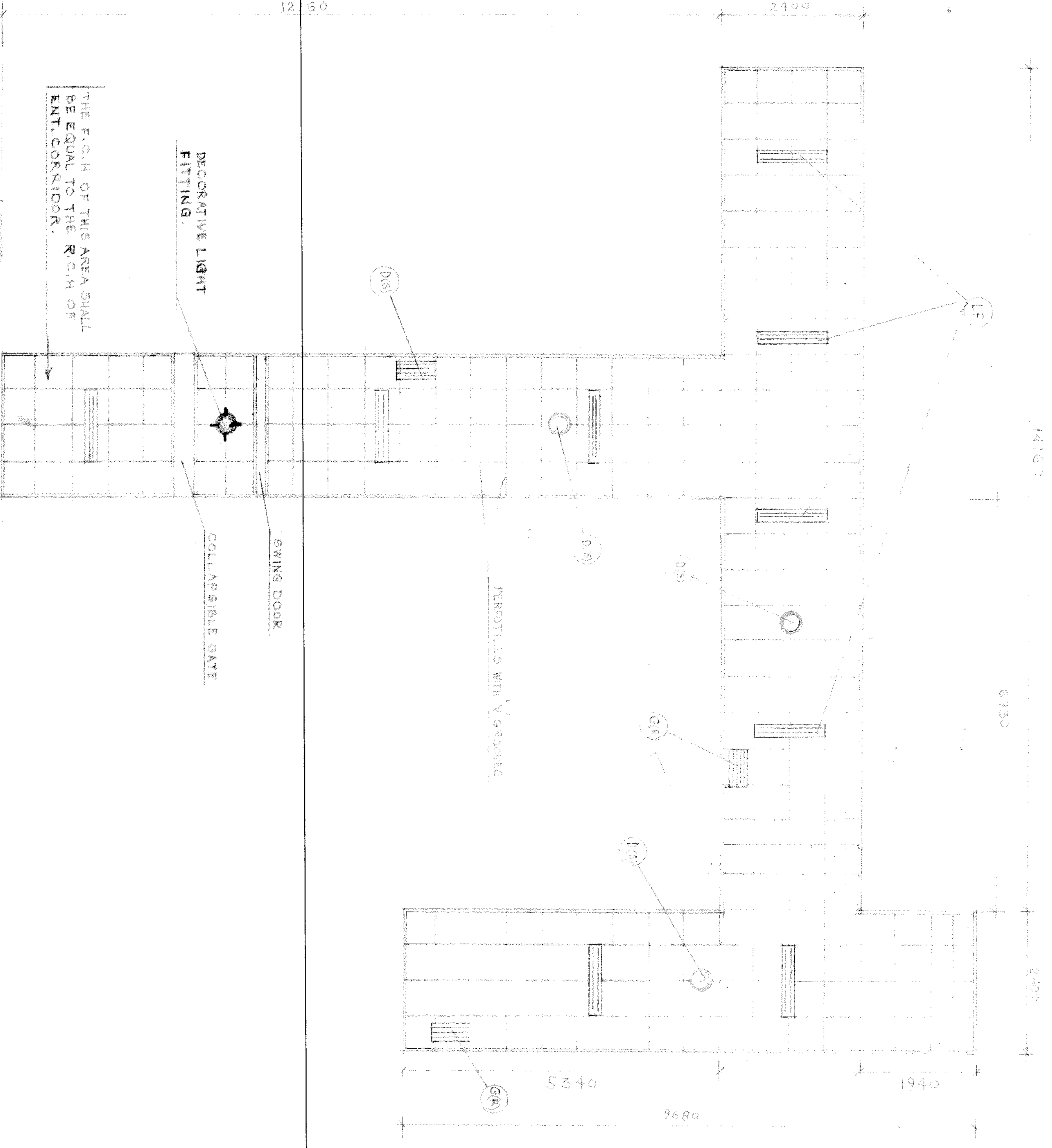
LEGEND

1	75 x 25 mm TRAWOOD BATTEN	
2	75 x 50 mm	
3	50 x 50 mm	
4	125 x 50 mm SILL OR SIMILAR 1000 BATTEN	

- NOTES
1. THE SPACING OF BATTENS IN THIS DRAWING IS FOR GUIDANCE ONLY. THIS MAY BE SUITABLY MODIFIED AT SITE DEPENDING UPON THE STRENGTH OF MATERIAL AVAILABLE.
 2. HINGED FLAP DOOR (600 x 600 mm) PANELS MAY BE PROVIDED IN THE FALSE CEILING AT STRATEGIC LOCATIONS.
 3. SWITCHING SHALL BE PROVIDED IN ALL THESE AREAS IN ACCORDANCE WITH THE ELECTRICAL CODE.



STRUCTURAL PLAN OF FALSE CEILING



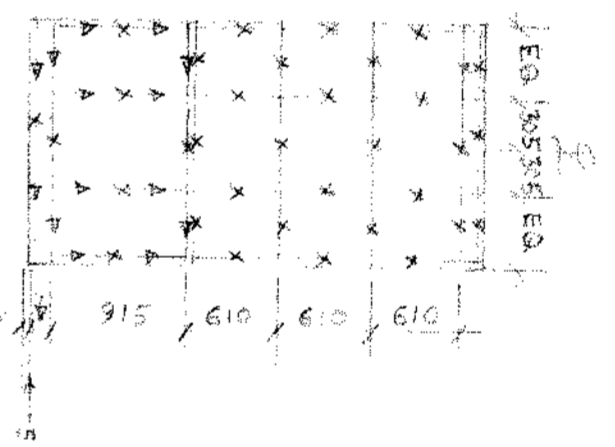
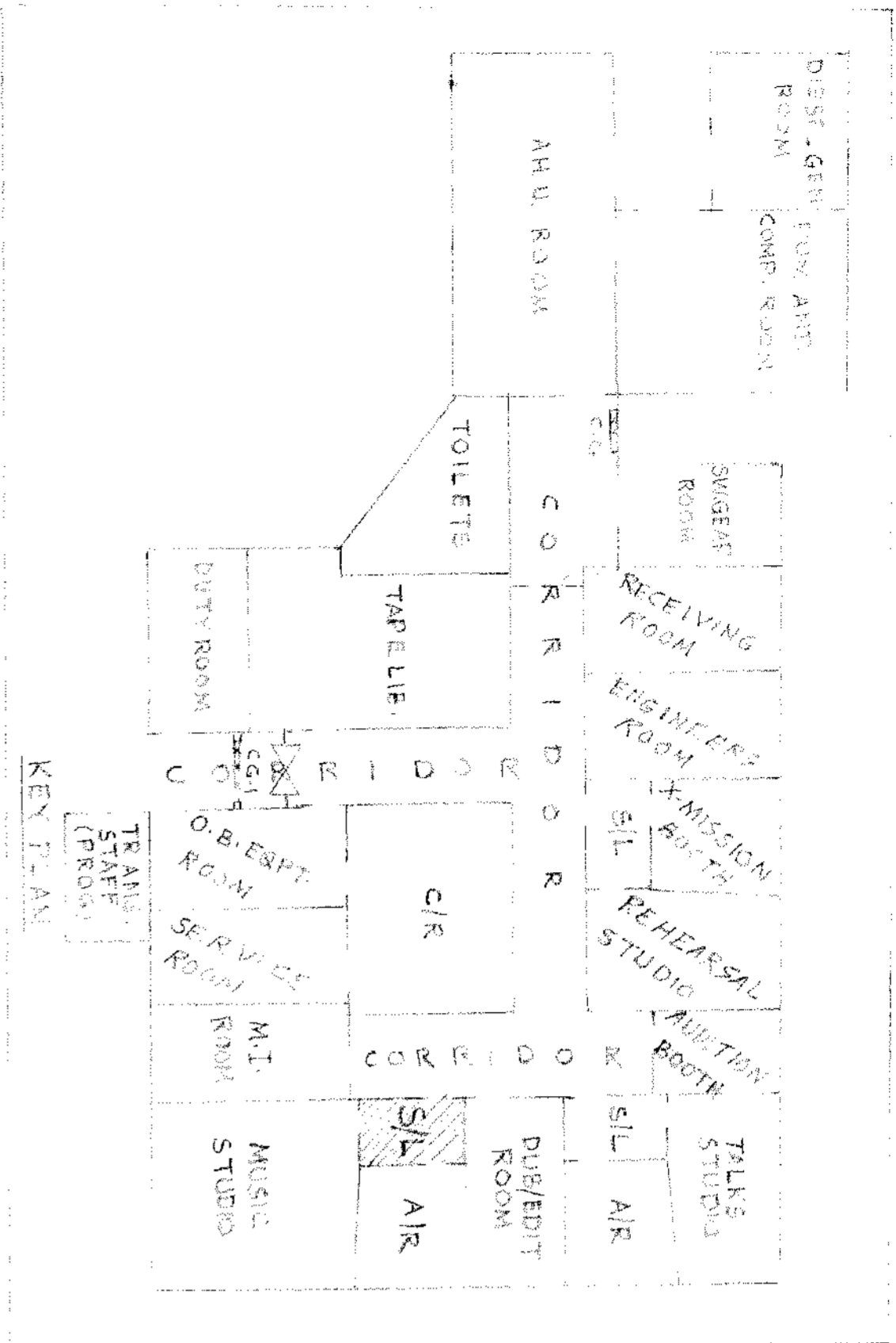
REFLECTED PLAN OF FALSE CEILING

CORRIDORS
F.C.H. = 2700

DATE	TYPE I (R) STUDIOS	ALL INDIA STANDARDS
NO.	AGRA	NEW DELHI, INDIA
SCALE	1:50	
DESIGNED BY		
CHECKED BY		
NO.	SA-9735	

TYPE I(R) STUDIOS AGRA

OPENED OUT DETAILS OF SOUND LOCK OF MUSIC STUDIO



FRONT (CORRIDOR) SIDE OF THIS DOOR SHALL HAVE PANELLING AS PER DRG NO. SA-10009

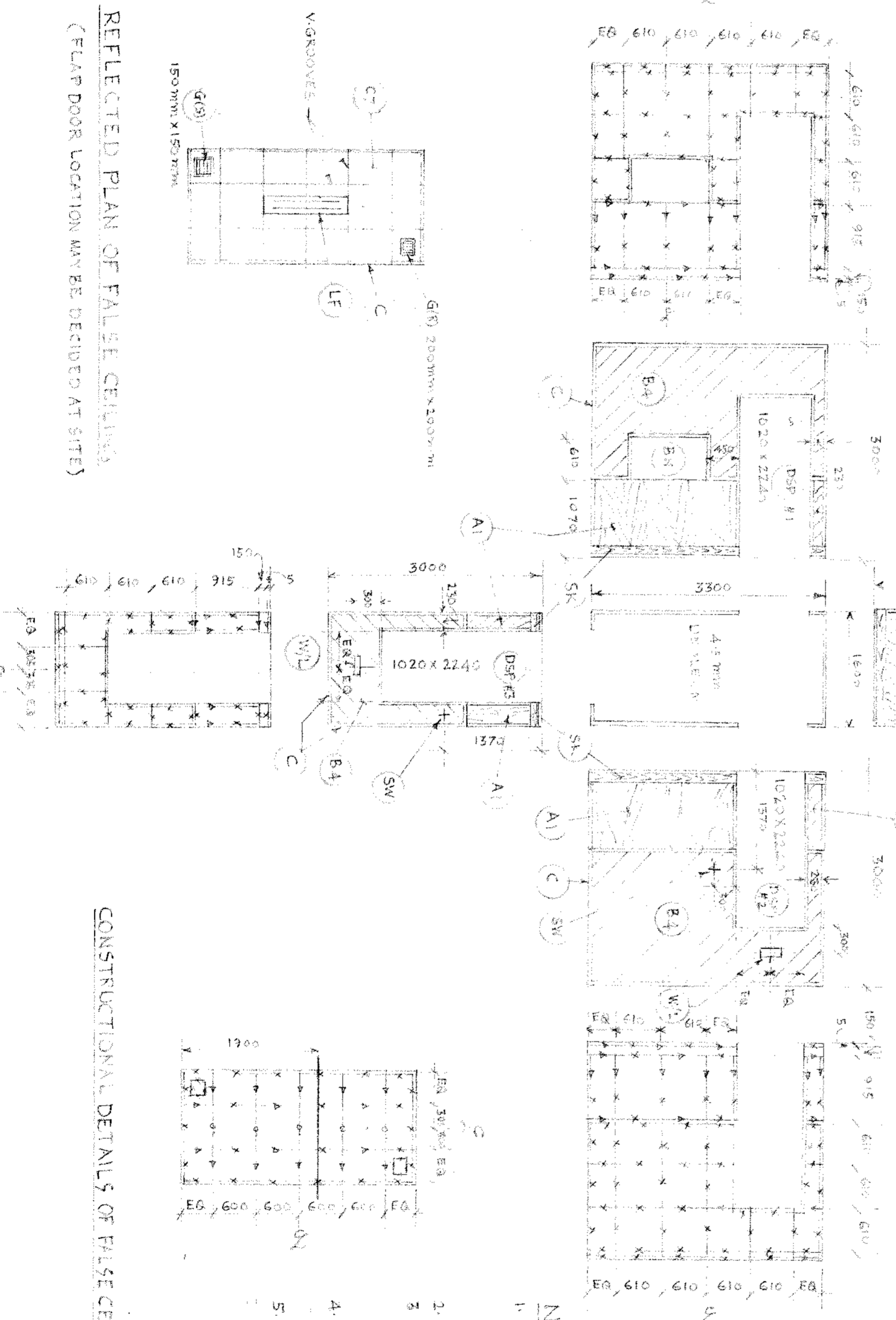
SYMBOLS	DETAILS	DRG. NO. AS REFERRED
(SK)	150mm TEAK WOOD SKINTING	SG-10057
(OSF)	SOUND PROOF DOOR	SG-10009
(GR)	GRILLE (RETURN)	SG-10010
(GR)	GRILLE (SUPPLY)	SG-10010
(C)	COVE MOLDING AROUND EDGES & CORNER	DRG-01
(LF)	LIGHT FITTINGS DECORATIVE TYPE (WITH FR. MATTIC LOWER AT THE BOTTOM) 2x40 W	
(SW)	SW-CH	
(WL)	WARNING LAMP	
(PT)	PENETRILE STRIP (40x40x3mm) WITH BEVEL EDGES	
(BN)	BALLAST NICHE	SG-1008
(FP)	FLAP DOOR OF SIZE 600x600mm TO OPEN UPWARDS	
(MW)	MINERAL WOOL	
(AG)	AIR GAP	

LOCATION	TREATMENT	SYMBOLS
CEILING	100MM TH. PERFORATED (BEVEL EDGED)	C7
WALLS	100MM TEAK PLY+50MM AG+25MM MIN. W. FROM FR. & 50MM MIN. W. FROM BR.	A1
FLOOR	4.5mm LINOLEUM	B4

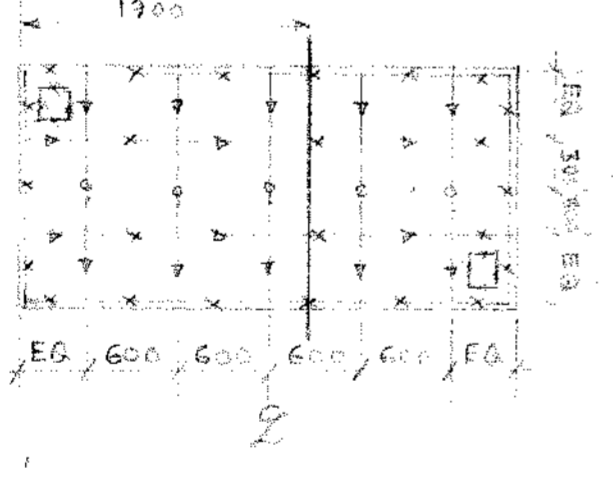
MATERIAL	FINISH
PERFORATED HARD BOARD	FLAT OIL PAINT, PALE CREAM/COL. NO. 352 OF IS:15-1978
BARE WALL	OIL BOUDED DISTEMPER, PALE CREAM NO. 352 OF IS:15-1978
LINOLEUM 4.5mm	GU-35
TEAK PLY FACING	FRENCH POLISH, TEAK SHADE
TEAK WOOD MOLDING	QUARTZ WASHCOAT, FRENCH POLISH, TEAK SHADE
SKIRTING	FLAT OIL PAINT, PALE CREAM (NO. 352 OF IS-5-78) FRENCH POLISH, TEAK SHADE
S.T. DOOR #1	DECORATIVE INDUSTRIAL LAMINATE, TEAK SHADE
S.T. DOOR #2/3	INSIDE: DECORATIVE INDUSTRIAL LAMINATE, TEAK SHADE OUTSIDE: DECORATIVE TEAK PLY, FRENCH POLISHED
NICHE: SHUTTER & FRAME	FRENCH POLISH, TEAK SHADE
GRILLE (S) AND GRILLE (R)	ENAMEL PAINT (1ST QUALITY) PALE CREAM COL. NO. 352 OF IS:15-1978

LFA: - LOW FREQUENCY ABSORBER.	
PHB: - PERFORATED HARD BOARD FACING	
SK: - 150MM TEAK WOOD SKINTING.	
50MM X 50MM TEAK OR DEODOR WOOD BATTEN	
75MM X 25MM "	
100MM X 100MM SAL WOOD BEAM	

REFLECTED PLAN OF FALSE CEILING (FLAP DOOR LOCATION MAY BE DECIDED AT SITE)



CONSTRUCTIONAL DETAILS OF FALSE CEILING



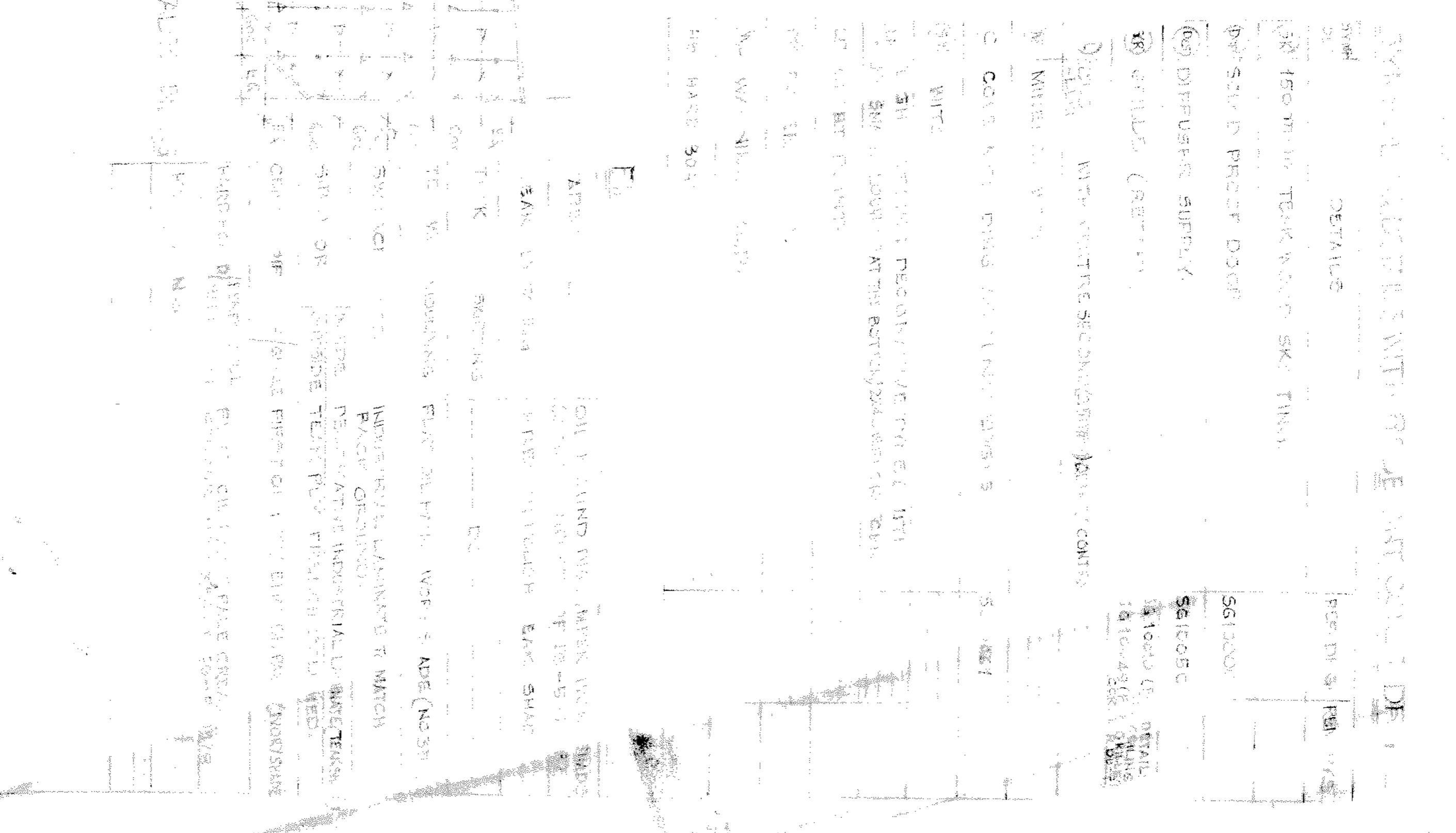
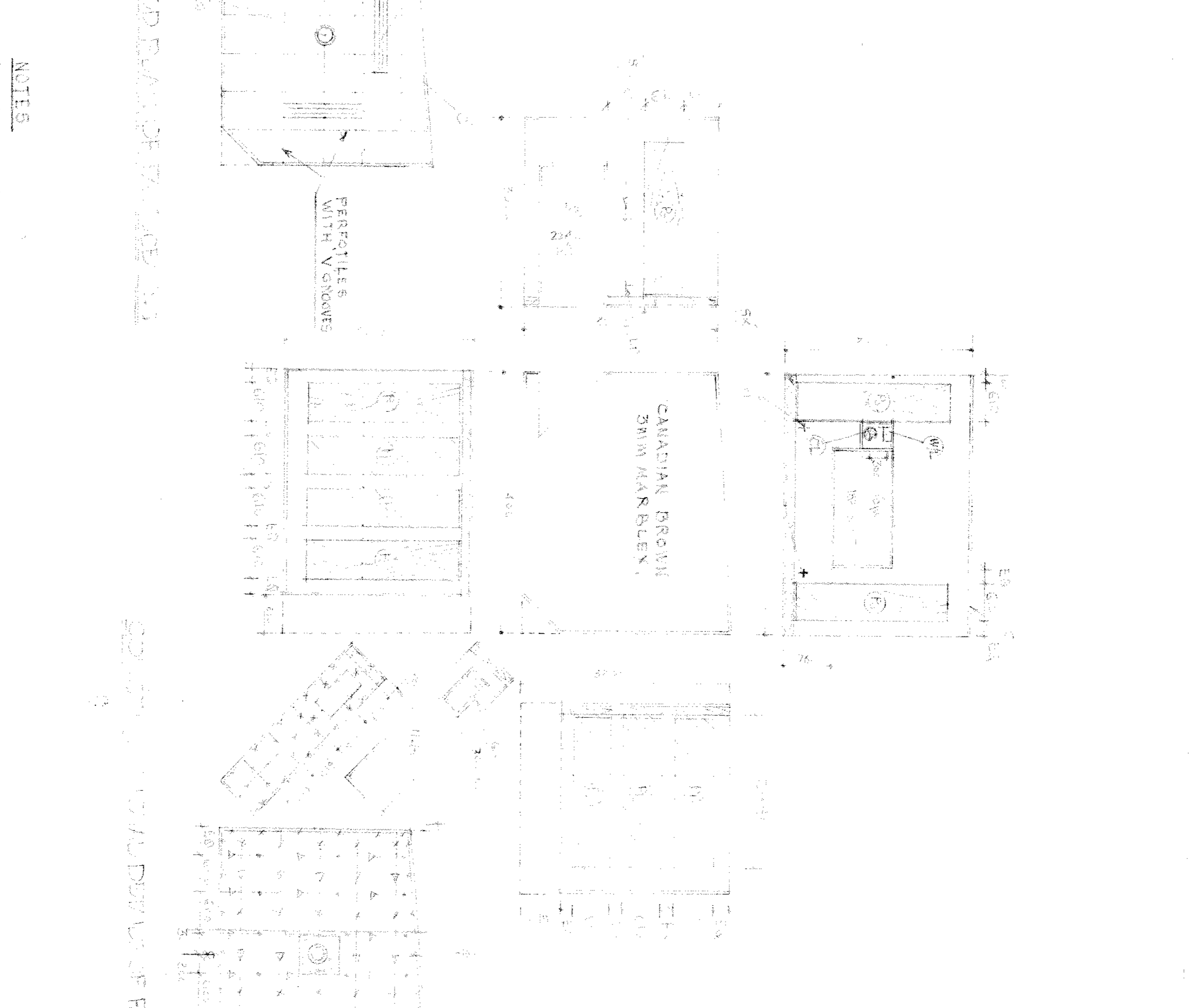
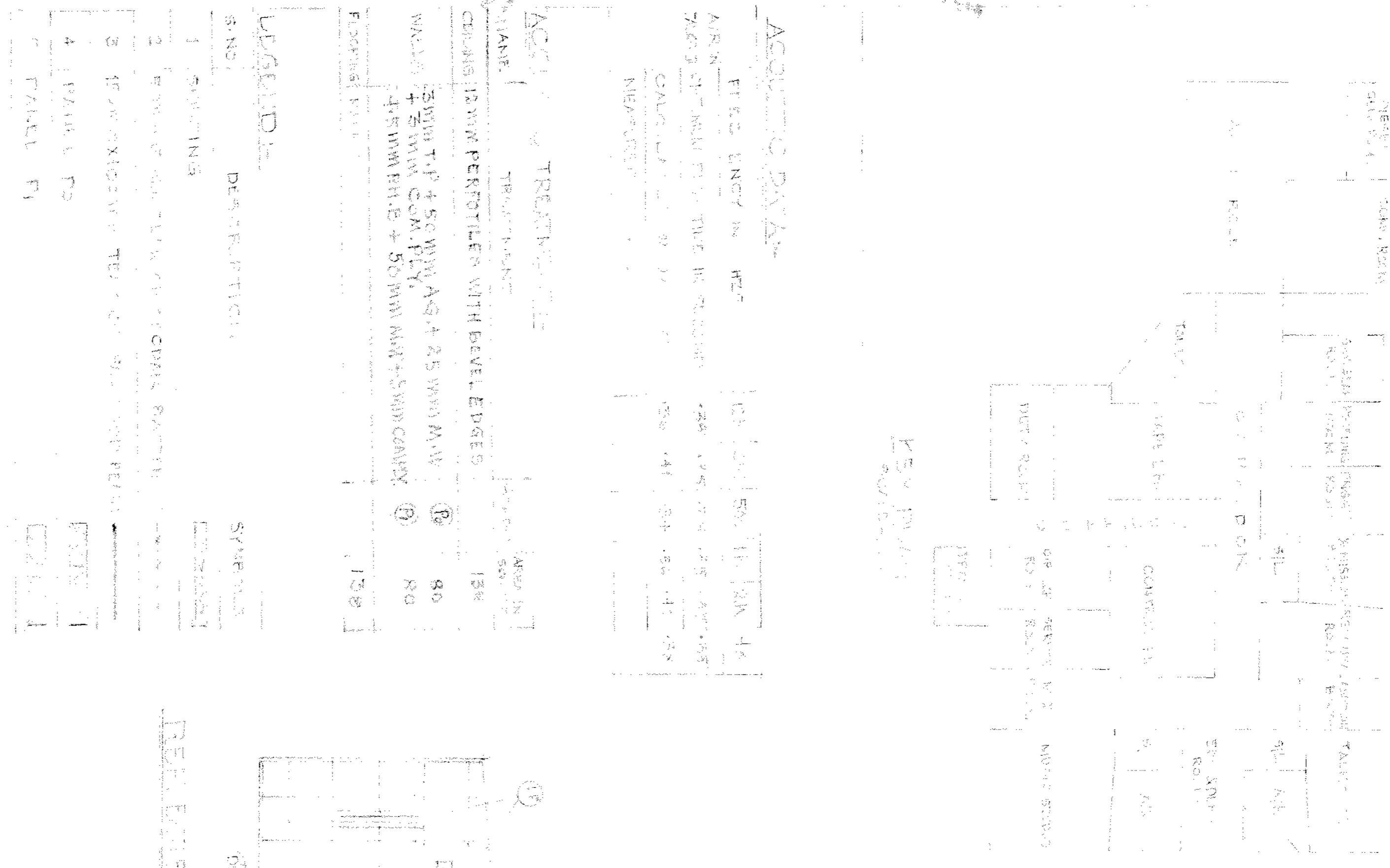
- NOTES:-
1. CODE NOS. SHOWN IN CIRCLES INDICATE THE TYPE OF TREATMENT TO BE PROVIDED. FOR SECTIONAL DETAILS OF ACOUSTIC TREATMENT PLEASE REFER TO DRG. NO. SA-10009/1
 2. PHB SHALL BE RANDOM SID ASTER DRG. NO. SG-10024.
 3. THE SPACING OF BATTENS & WAINCOATS IS FOR GUIDANCE ONLY. THIS MAY BE SUITABLY MODIFIED AT SITE DEPENDENT UPON THE SIZES OF MATERIALS AVAILABLE.
 4. PHB SHALL BE OF NOT LESS THAN 7% OPEN AREA (BETWEEN 7% TO 9%)
 5. FOR LAYOUT OF CEILING HOOKS & BEAMS REFER. TO DRG. NO. SA-9875

DATE	NAME	TYPE (I-R) STUDIOS	ALL INDIA RADIO P & O. UNIT
DRN NO. 10009	TR. Mohan	AGRA	NEW DELHI-INDIA
CHKD		OPENED OUT	
TRD		DETAILS OF	
C.D.		SOUND LOCK OF	
SCALE: 1:50		MUSIC STUDIO	APPROVED
MADE BY			No. SA-9927

DRG. NO. SA-9927

TYPE I (R) STUDIOS AGFA OPENED OUT DETAILS OF ANNEX/ROOM OF TALKS ST

SHEET NO. 1 OF 2
PROJECT NO. 9925
DATE 1950



NO-9A 9925

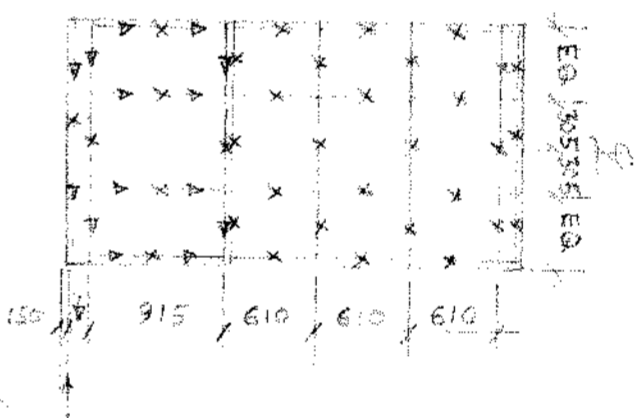
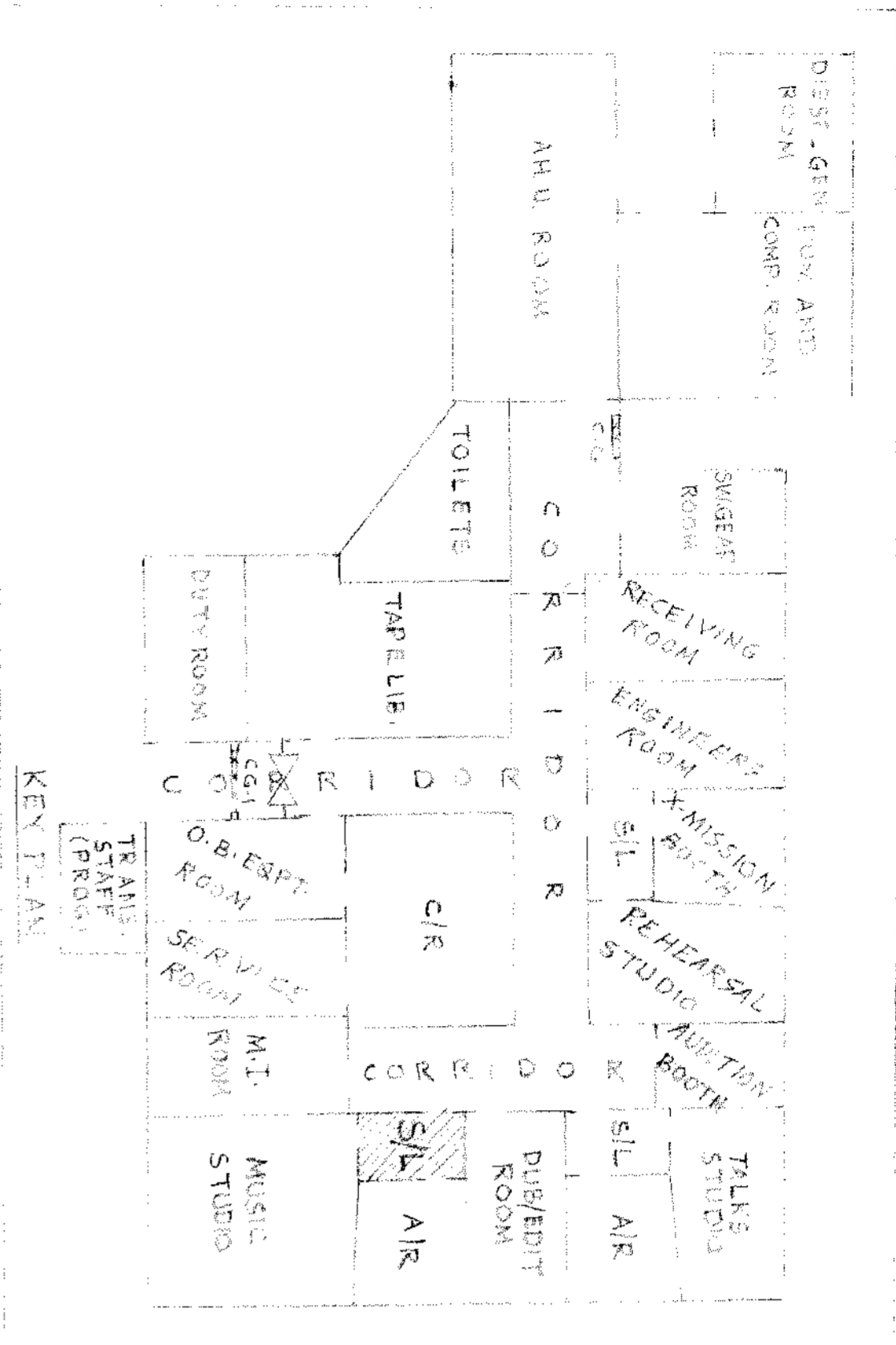
- NOTES**
- 1 FOR CONSTRUCTIONAL DETAILS OF PANELS REFER DRG. SA-9925.
 - 2 THE LOCATION OF FLAP DOOR MAY BE DECIDED AT SITE.
 - 3 THE PHS SHALL HAVE AN OPEN AREA OF 7-9%.
 - 4 FOR DETAILS OF CEILING TREATMENT REFER SG-10060/1.
 - 5 FOR INCLINATION OF GLASS PLATES OF C/W REFER RELEVANT DRG.
 - 6 THE CLOCK AND WARNING LAMP SHALL BE FIXED ON A WOODEN BOARD AND TITLED TOWARD S APPROXIMATE TO AVOID PARALLAX ERROR.

FOR ESTIMATE ONLY.

DATE: 1950
DRAWN BY: [Signature]
CHECKED BY: [Signature]
SCALE: AS SHOWN
PROJECT NO: 9925
SHEET NO: 1 OF 2

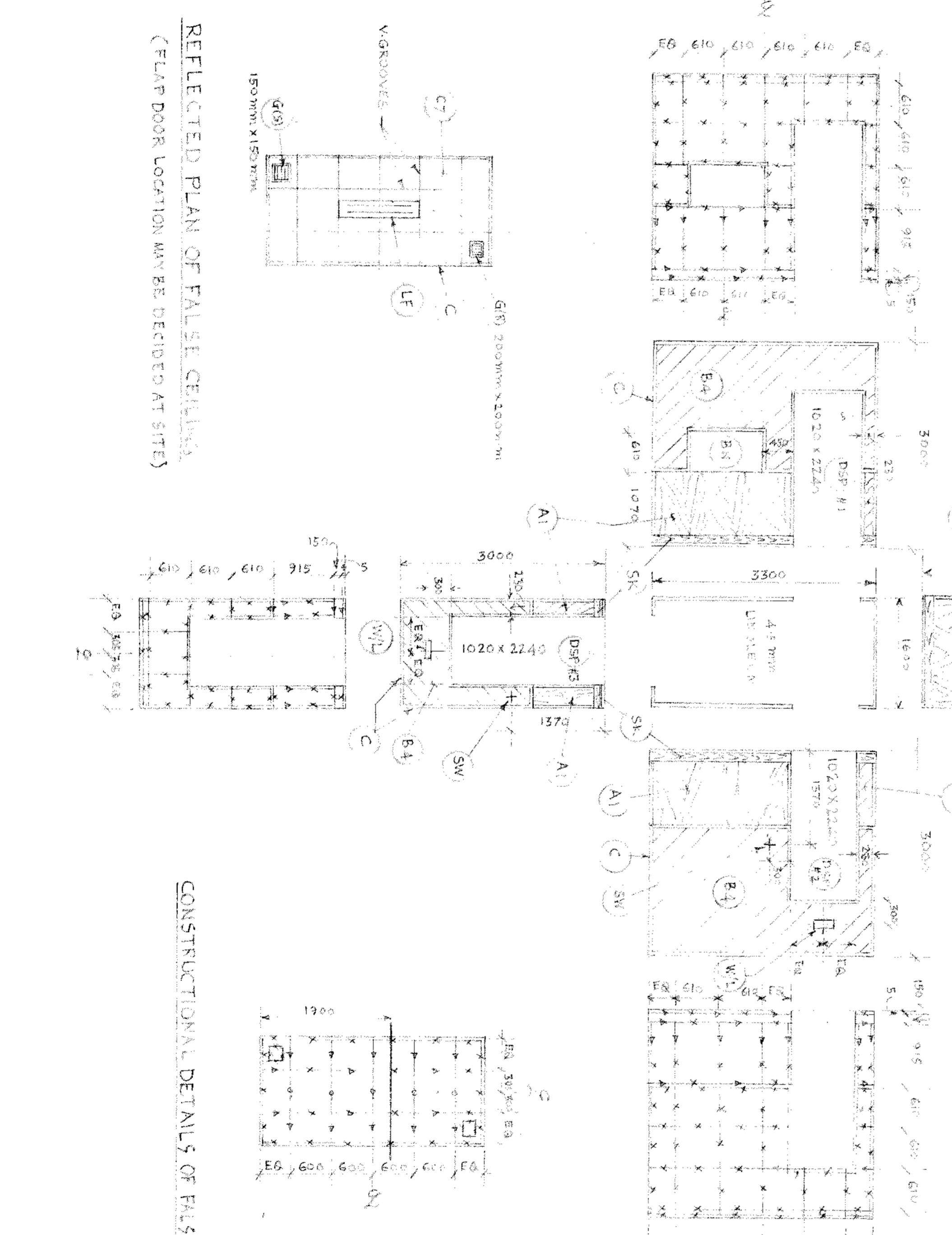
TYPE I (R) STUDIOS AGRA

OPENED OUT DETAILS OF SOUND LOCK OF MUSIC STUDIO



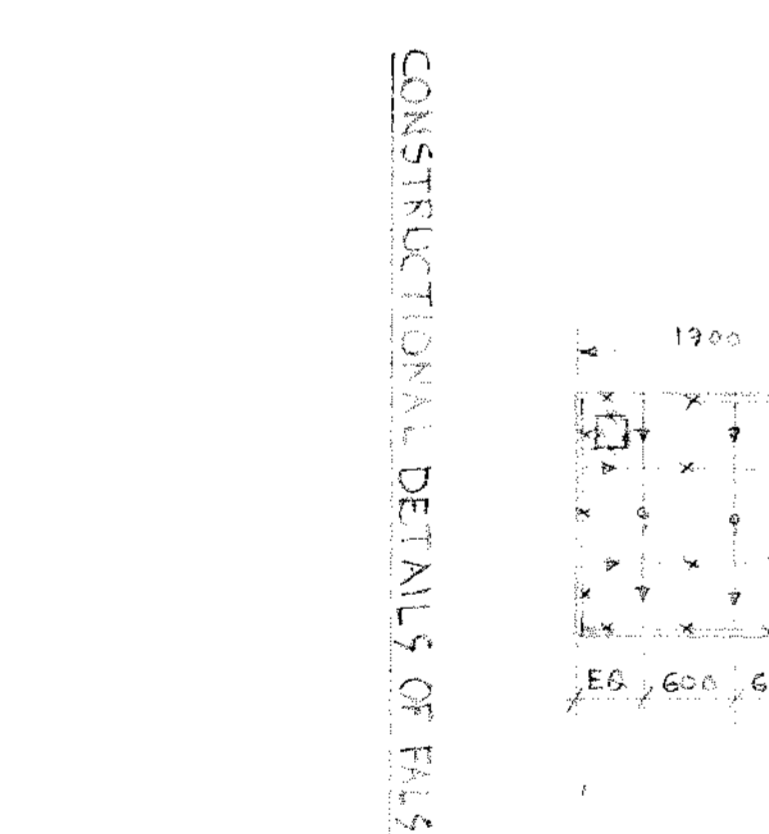
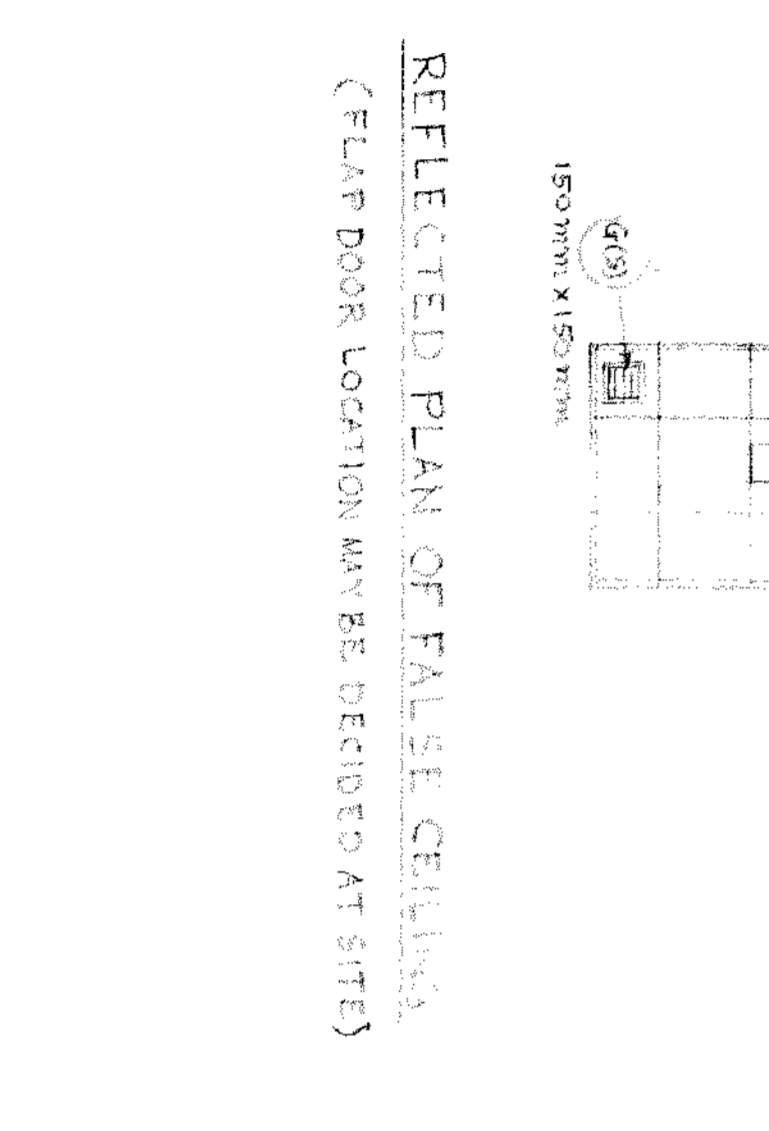
FRONT (CORRIDOR) SIDE OF THIS DOOR SHALL HAVE PANELLING AS PER DRG NO. SA-10009

LOCATION	TREATMENT	SYMBOL
CEILING	100MM TH. PERFORATED (BEVEL EDGED)	C7
WALLS	100MM TEAK PLY + 50MM AG + 25MM. SKI 1) 50MM PHE + 50MM M.W.	A1
FLOOR	4.5 MM LINOLEUM	B4



COLOUR/FINISHES	MATERIAL	FINISH
PERFORATED HARD BOARD	FLAT OIL PAINT, PALE CREAM/COL. NO. 352 OF IS:1979	
BARE WALL	OIL ROUGH DISTEMPER, PALE CREAM NO. 352 OF IS:1979	
LINOLEUM 4.5MM	GL-35	
TEAK PLY FACING	FRENCH POLISH, TEAK SHADE	
TEAK WOOD MOLDING	QUPTO WANSOFT, FRENCH POLISH, TEAK SHADE	
SKIRTING	FLAT OIL PAINT, PALE CREAM (NO. 352 OF IS-5-79) FRENCH POLISH, TEAK SHADE	
S.T. DOOR #1	DECORATIVE INDUSTRIAL LAMINATE, TEAK SHADE	
S.T. DOOR #2/3	INSIDE: PEGORYTIVE INDUSTRIAL LAMINATE, TEAK SHADE OUTSIDE: DECORATIVE TEAK PLY, FRENCH POLISHED	
NICHE SHUTTER & FRAME	FRENCH POLISH, TEAK SHADE	
GRILLE (S) AND GRILLE (R)	EMANEL PAINT (1ST QUALITY) PALE CREAM COL. NO. 352 OF IS:1979	

LEGEND
LFA: - LOW FREQUENCY ABSORBER.
PHE: - PERFORATED HARD BOARD FACING.
SKI: - 50MM TEAK WOOD SKIRTING.
50MM X 50MM TEAK OR DEODOR WOOD BATTEN
75MM X 25MM "
100MM X 100MM SAL WOOD BEAM.



- NOTES:-**
1. CODE NOS. SHOWN IN CIRCLES INDICATE THE TYPE OF TREATMENT TO BE PROVIDED. FOR SECTIONAL DETAILS OF ACOUSTIC TREATMENT PLEASE REFER TO DRG. NO. SA-10060/1
 2. PHE SHALL BE RANDOMISED AS PER DRG. NO. SA-10024.
 3. THE SPACING OF BATTENS AS SHOWN IN THIS DRG. IS FOR GUIDANCE ONLY. THIS MAY BE SUITABLY MODIFIED AT SITE DEPENDENT UPON THE SIZES OF MATERIALS AVAILABLE.
 4. PHE SHALL BE OF NOT LESS THAN 7% OPEN AREA (BETWEEN 7% TO 9%).
 5. FOR LAYOUT OF CEILING HOOKS & BEAMS REFER. TO DRG. No. SA-9875

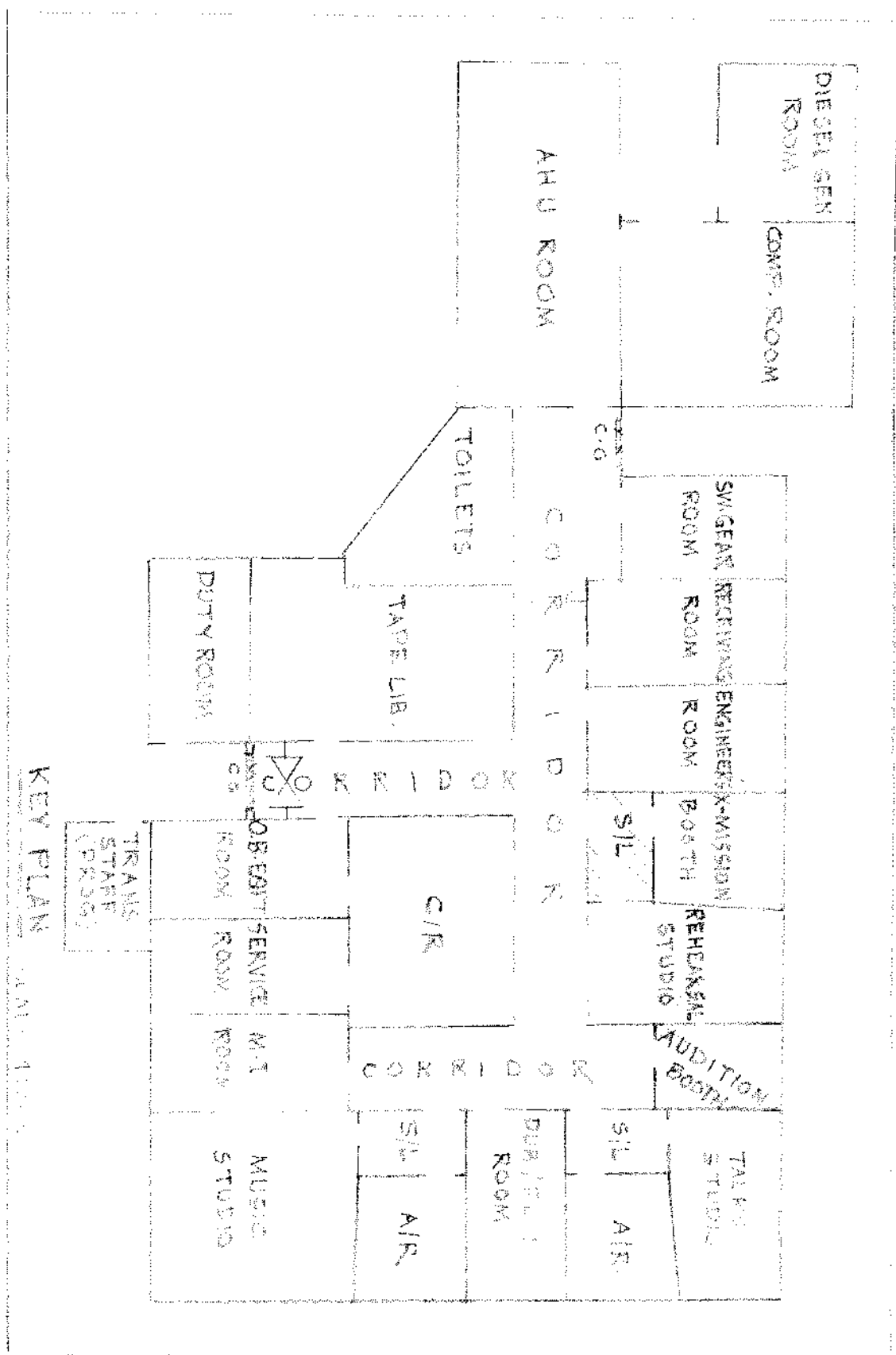
SYMBOLS AND DETAILS WITH REFERENCE TO CODE NOS.	DETAILS	DRG. NO. AS MARKED
(SK)	150MM TEAK WOOD SKIRTING	SA-10059
(OS)	SOUND PROOF DOOR	SA-10060
(GR)	GRILLE (RETURN)	SA-10010
(GR)	GRILLE (SUPPLY)	SA-10010
(C)	COVE MOLDING AROUND EDGES & CORNER	SA-10061
(LF)	LIGHT FITTINGS DECORATIVE TYPE (WITH FR. LAMPS AT THE BOTTOM) 2X40 W	
(SW)	SWITCH	
(WL)	WARNING LAMP	
(PT)	PERFORATED STAINLESS STEEL (304) WITH BEVEL EDGES	
(BN)	BALLAST NICHE	SA-10057
(FP)	FLAP DOOR OF SIZE 600X600MM TO OPEN UPWARDS	
(MW)	MINERAL WOOL	
(AG)	AIR GAP.	

DATE	NAME	TYPE (R) STUDIOS	ALL INDIA RADIO
DRN DATED	TR. Mohan	AGRA	P & O. UNIT NEW DELHI - INDIA.
CHKD		OPENED OUT	
CD		DETAILS OF	
SCALE: 1:50		SOUND LOCK OF	
MADE BY		MUSIC STUDIO	
APPROVED			
			No. SA-9927

DRG. NO. SA-9927

TYPE I(R) STUDIOS AGRA

OPENED OUT DETAILS OF SOUND LOCK OF REHEARSAL STUDIO



ACOUSTIC TREATMENT

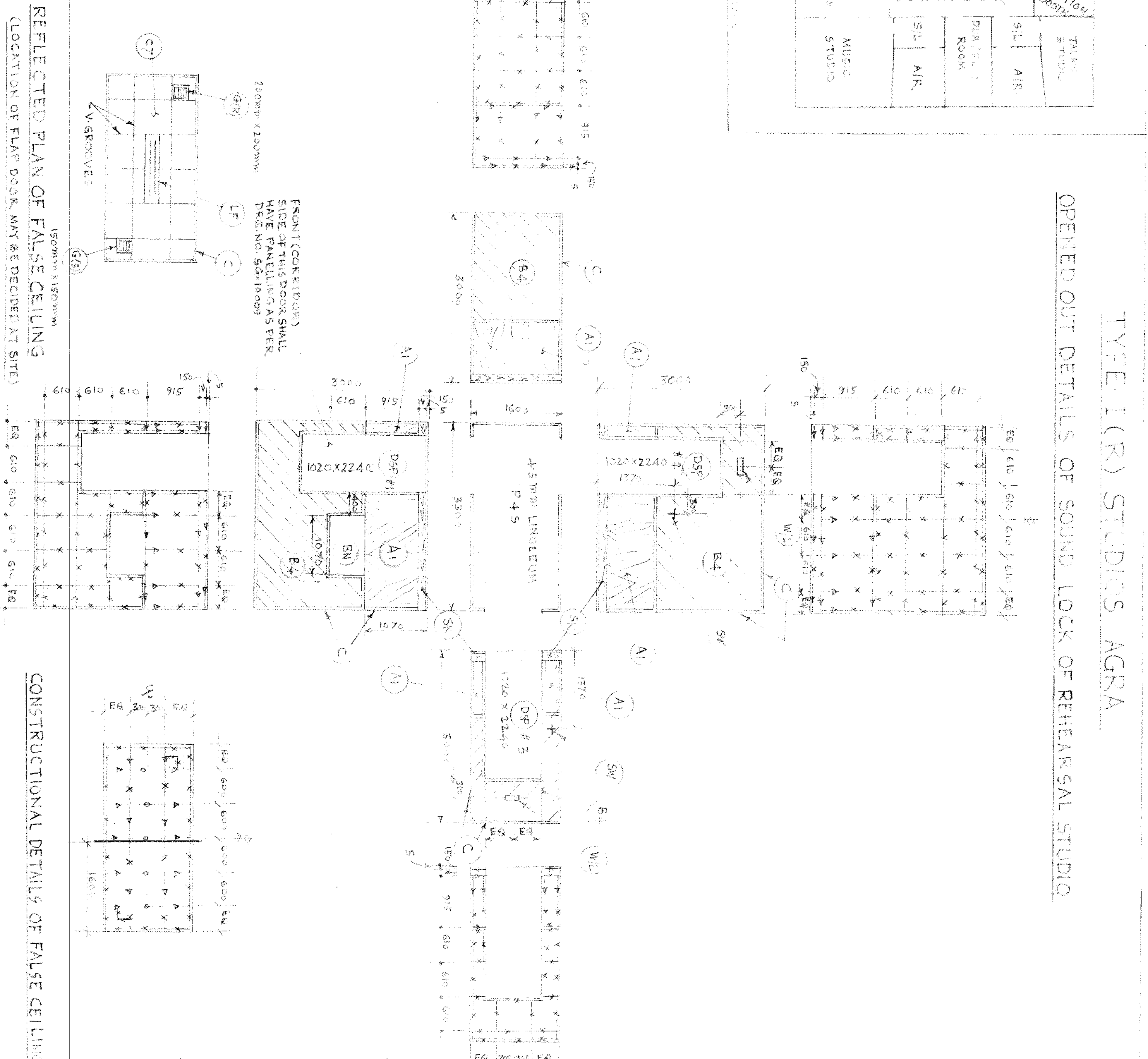
LOCATION	TREATMENT	SYMBOLS
CEILING	12MM PLYWOOD (SERVEL EGGED)	CT
WALLS	12MM TEAK PLY + 50MM AG + 12MM MW	AI
FLOOR	15MM PLY + 50MM MW	BF

COLOUR FINISHES

MATERIAL	FINISH
PREPARED HARD BOARD	FLAT ON, PAINT PALE CREAM, COLOUR NO 382 OF IS:15-1975
AREE WALL	DR. KINOD CEMENT S. PALE CREAM COLOUR NO. 382 OF IS:15-1975
UNCLEOM 4.5 MM	PAS (PISEEN GREY)
TEAK PLY FACING	FRENCH POLISH, TEAK GRADE
TEAK WOOD	OBJECT WAINSCOT
MOULDING	FLAT ON PAINT PALE CREAM/COLOUR OF IS:15-1975
SKRITING (50 MM)	FRENCH POLISH, TEAK GRADE
50 MM BOARD P 1	DEGRANITE INDUSTRIAL LAMINATE, TEAK SHADE
50 MM BOARD P 2	DO-
50 MM BOARD P 3	DEGRANITE INDUSTRIAL LAMINATE, TEAK SHADE
MGR-SQUATTER & FRAME	DEGRANITE TEAK PLY, FRENCH POLISHED
GRILLER (S) AND GRILLER (R)	FRENCH POLISH, TEAK GRADE

LEGEND

LOW FREQUENCY ABSORBER (LFA)	PERFORATED HARD BOARD (P.H.B.) FACING
150MM TEAK WOOD SKRITING (50)	150MM TEAK WOOD SKRITING (50)
50MM X 50MM X 50MM TEAK OR DEODAR WOOD BATTEN	50MM X 50MM X 50MM TEAK OR DEODAR WOOD BATTEN
75 MM X 50 MM	75 MM X 50 MM
100 MM X 50 MM	100 MM X 50 MM



SYMBOLS AND DETAILS WITH RELEVANT CONSD. DS: IS

SYMBOLS	DETAILS	CONSD. DS: IS
SC	150MM TEAK WOOD SKRITING	5G-100-604
DSP	SOUND PROOF DOOR	5G-100-18-504-109
GM	GRILLE (GETTER)	5G-100-10
GR	GRILLE (SUPPORT)	5G-100-10
C	COVE MOLDINGS AROUND EGGED & CORNERS	5G-100-10
LF	12MM PLYWOOD, BASKETWEAVE TYPE WITH 12MM PLY LEAVES AT THE BOTTOM 12MM	5G-100-10
SW	SWITCH	5G-100-10
ML	WARNING LAMP	5G-100-10
P7	PERFORATED (120MM X 120MM) WITH REVEL ED GRS	5G-100-10
BN	BALLAST NICHE	5G-100-10
FD	FLAP DOOR OF SILE COVERING TO OPEN UPWARDS	5G-100-10
MIR	MINERAL WOOL	5G-100-10
AS	AIR GAP	5G-100-10

- ### NOTES:-
- CODE NOS. SHOWN IN CIRCLES INDICATE THE TYPE OF TREATMENT TO BE PROVIDED. FOR SECTIONAL DETAILS OF ACUSTIC TREATMENT PLEASE REFER TO DRG. NO. 50-100-10.
 - P.H.B. SHALL BE RANDOMISED AS PER DRG. NO. 50-100-10.
 - THE SPACING OF SYSTEMS SHOWN IN THIS DRG IS FOR GUIDANCE ONLY. THIS MAY BE SUITABLY MODIFIED AT SITE DEPENDIN UPON THE SIZE OF MATERIALS AVAILABLE.
 - P.H.B. SHALL BE OF NOT LESS THAN 7% OPEN AREA (BETWEEN 7% TO 9%).
 - FOR LAYOUT OF CEILING HOORS & BEAMS REFER TO DRG. NO. 50-9875.

FOR ESTIMATES ONLY

DATE	NAME	TYPE I(R) STUDIO	ALL INDIA RADIO
15-11-75	P.R. MOYAL	AGRA	P.D. UNIT NEW DELHI-INDIA

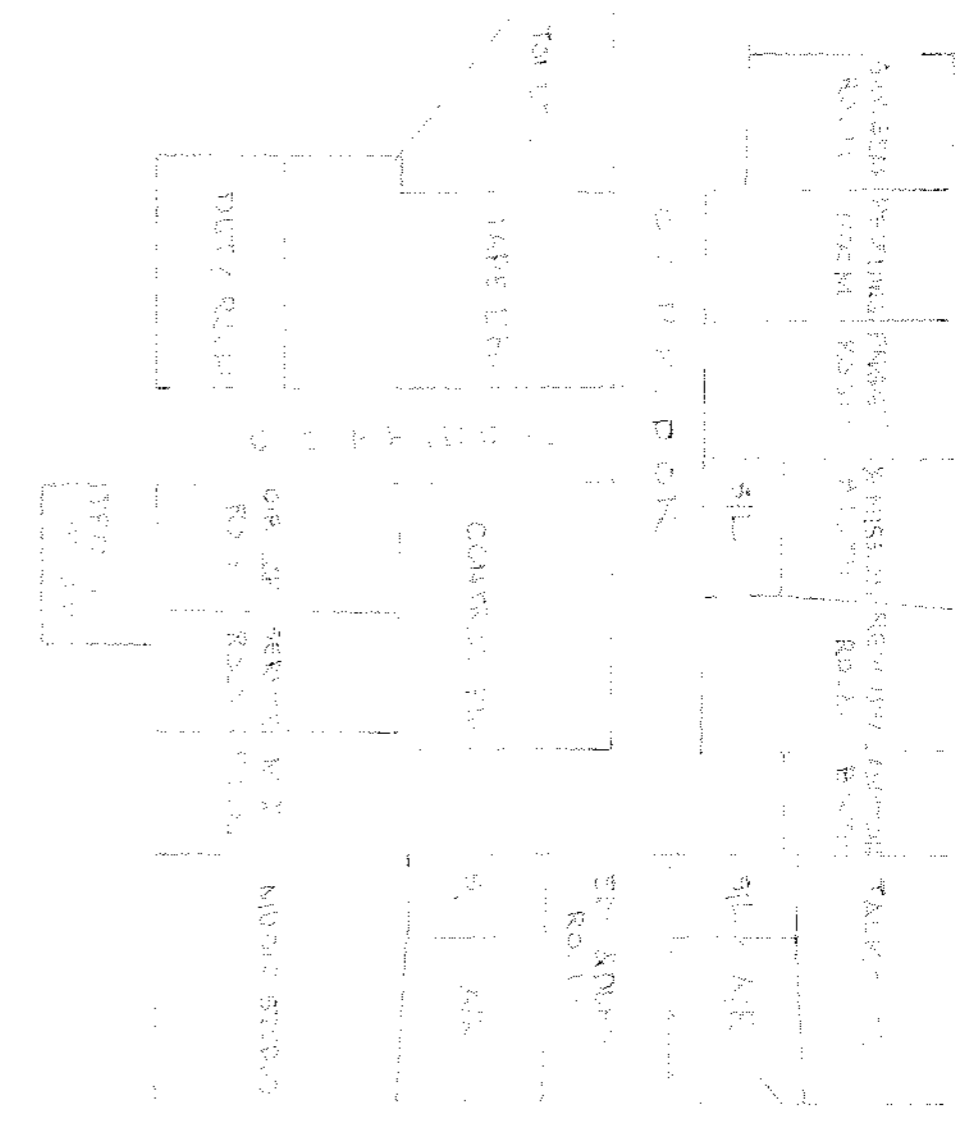
SCALE: 1:50	OPENED OUT DETAILS OF SOUND LOCK	APPROVED
NO. SA-9931	OF REHEARSAL STUDIO	NO. SA-9931

DRG. NO. SA-9931

NO. SA-9931

TYPE I (R) STUDIOS AGFA

OPENED OUT DETAILS OF ANNEX/ROOM OF TALKS ST.



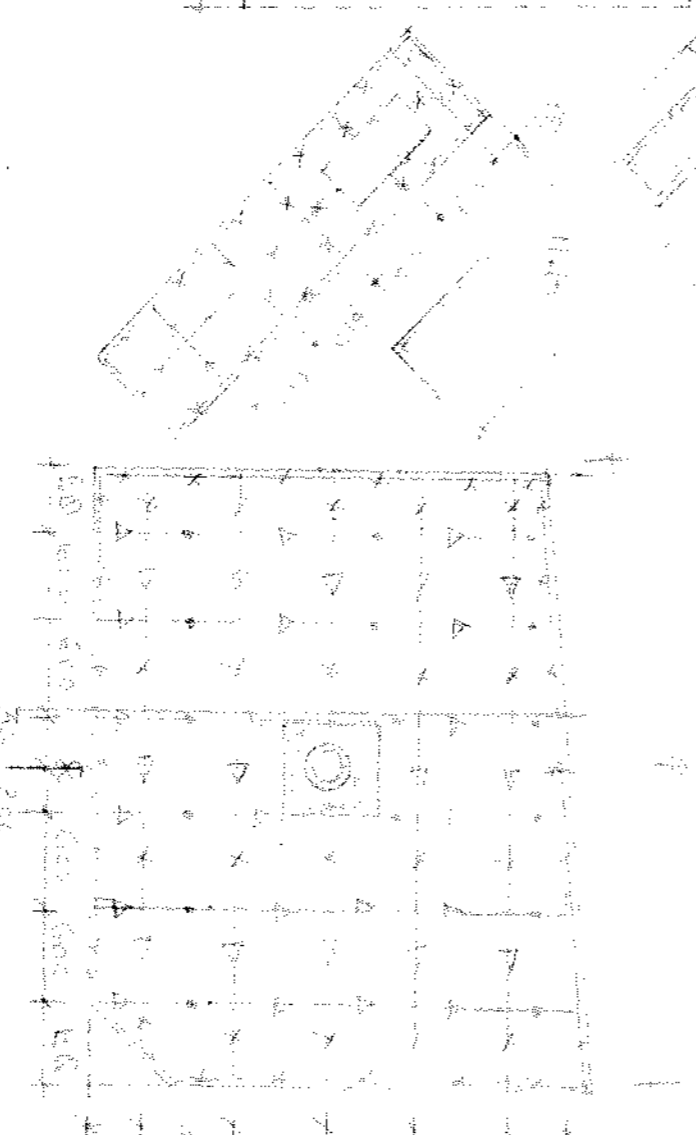
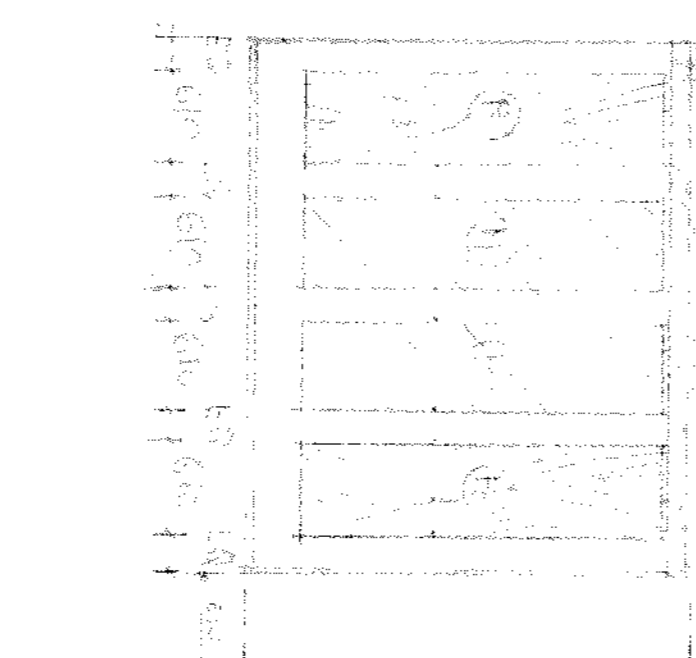
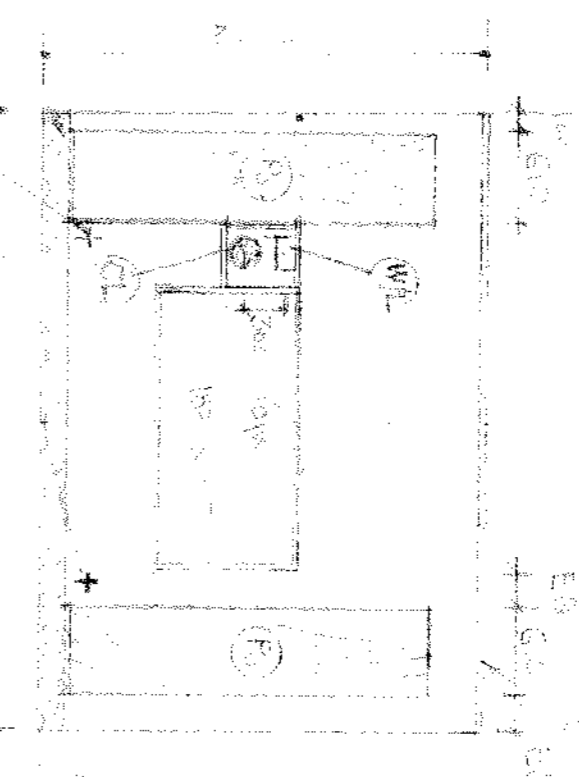
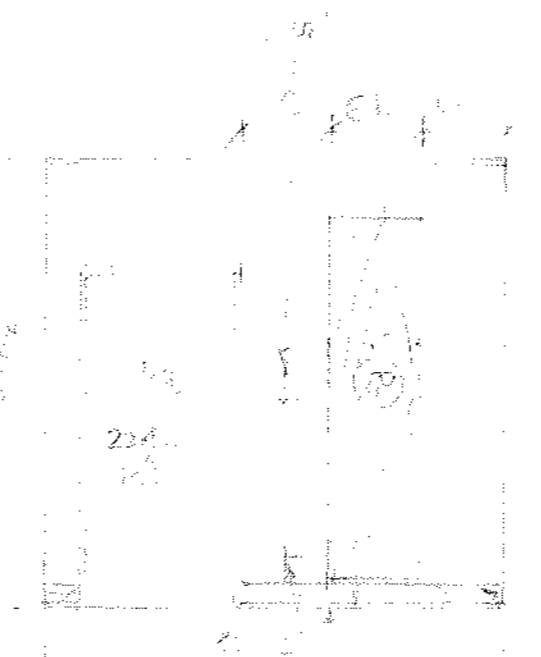
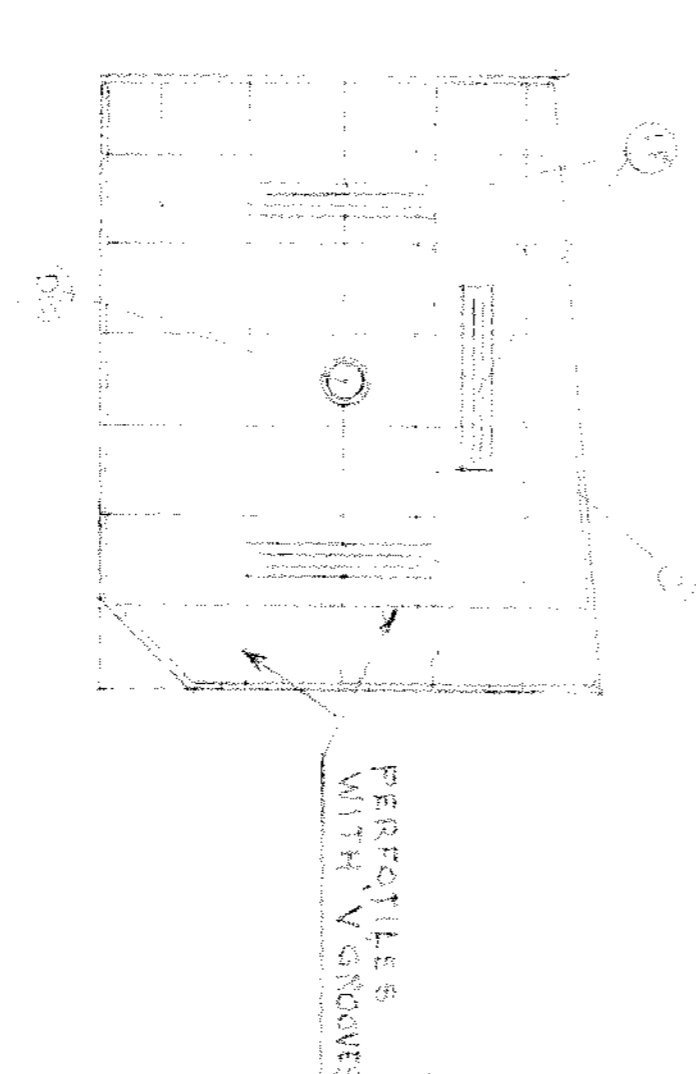
ACCOUNTING DATA

ITEM	QTY	UNIT	PRICE	TOTAL
CEILING PERFORATED WITH BEVEL EDGED	138	SQ. FT.	1.50	207.00
WALLS 3/8" W.M. CORRUGATED	80	SQ. FT.	1.00	80.00
4.5" W.M. BRK. + 50MM W.M. + 5MM CORRUG.	80	SQ. FT.	1.00	80.00
FLOORING	138	SQ. FT.	1.50	207.00

LEGEND

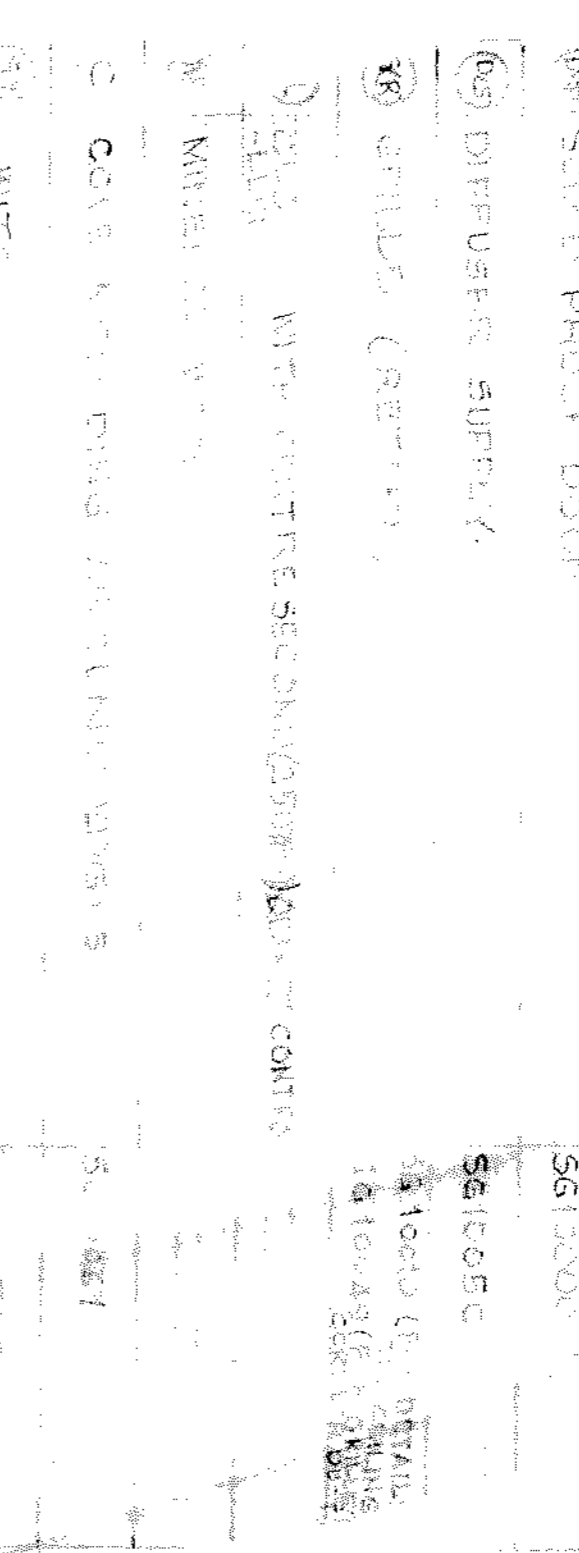
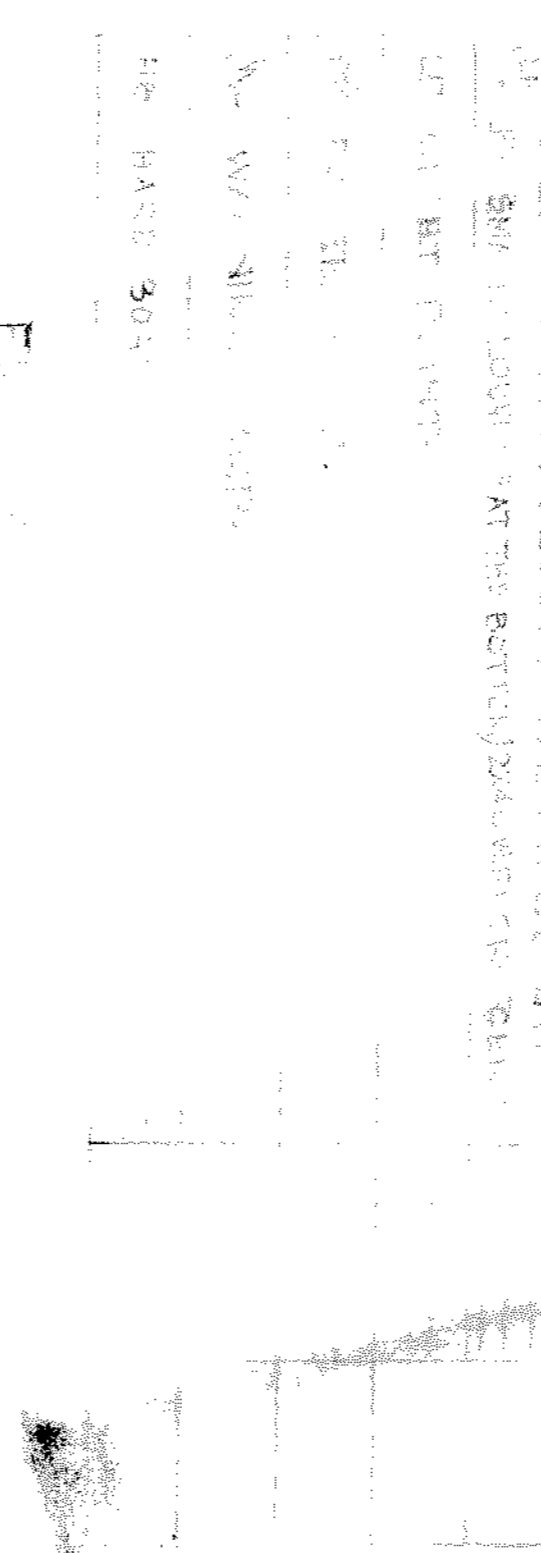
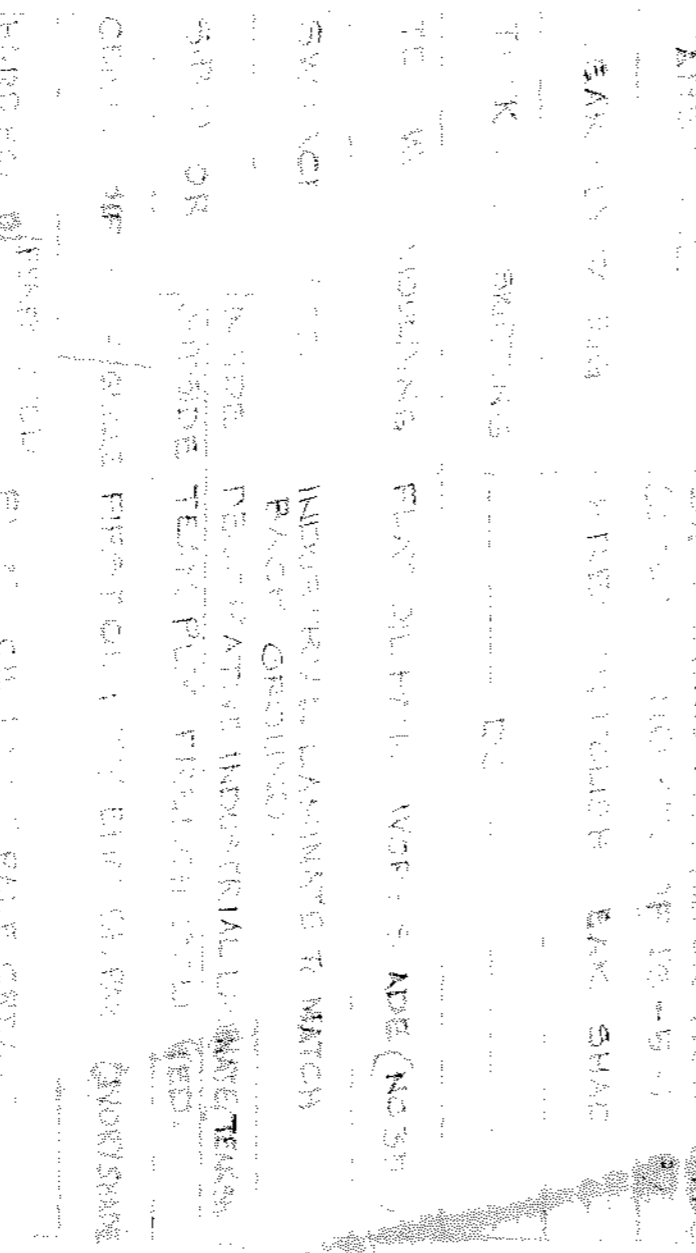
SYMBOL	DESCRIPTION
(1)	WORKING
(2)	PERFORATED WITH BEVEL EDGED
(3)	PERFORATED WITH BEVEL EDGED
(4)	PERFORATED WITH BEVEL EDGED
(5)	PERFORATED WITH BEVEL EDGED

PERFORATED PANELS OF TALKS ST.



- NOTES**
- FOR CONSTRUCTIONAL DETAILS OF PANELS REFER DRG. SA-9923.
 - THE LOCATION OF FLAP DOOR MAY BE DECIDED AT SITE.
 - THE PHS SHALL HAVE AN OPEN AREA OF 7-9%.
 - FOR DETAILS OF CEILING TREATMENT REFER SG-10060/1.
 - FOR INCLINATION OF GLASS PLATES OF G/A REFER RELEVANT DRG.
 - THE CLOCK AND WARNING LAMP SHALL BE FIXED ON A WOODEN BOARD AND TURNED TOWARDS ANNEX/ROOM TO AVOID PARALLAX ERROR.

PERFORATED PANELS OF TALKS ST.

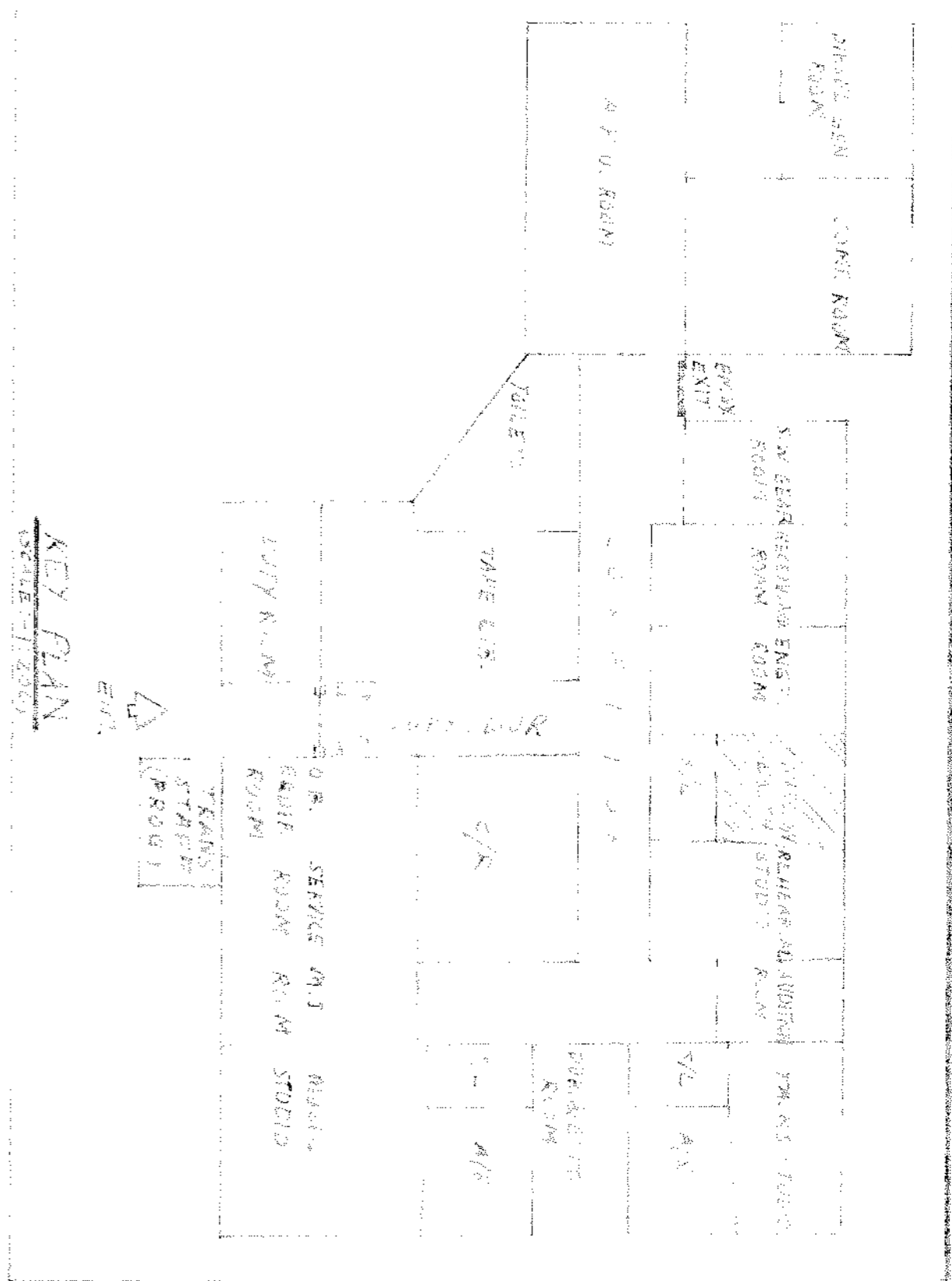


SYMBOLS AND DETAILS WITH REFERENCE TO DRG. SA-9923

(1)	WORKING
(2)	PERFORATED WITH BEVEL EDGED
(3)	PERFORATED WITH BEVEL EDGED
(4)	PERFORATED WITH BEVEL EDGED
(5)	PERFORATED WITH BEVEL EDGED
(6)	DIFFUSER SUPPLY
(7)	SHALL (SEE)
(8)	WITH CENTRE SECTION (SEE) DRG. SA-9923
(9)	WITH CENTRE SECTION (SEE) DRG. SA-9923
(10)	WITH CENTRE SECTION (SEE) DRG. SA-9923
(11)	WITH CENTRE SECTION (SEE) DRG. SA-9923
(12)	WITH CENTRE SECTION (SEE) DRG. SA-9923
(13)	WITH CENTRE SECTION (SEE) DRG. SA-9923
(14)	WITH CENTRE SECTION (SEE) DRG. SA-9923
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(16)	WITH CENTRE SECTION (SEE) DRG. SA-9923
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(19)	WITH CENTRE SECTION (SEE) DRG. SA-9923
(20)	WITH CENTRE SECTION (SEE) DRG. SA-9923
(21)	WITH CENTRE SECTION (SEE) DRG. SA-9923
(22)	WITH CENTRE SECTION (SEE) DRG. SA-9923
(23)	WITH CENTRE SECTION (SEE) DRG. SA-9923
(24)	WITH CENTRE SECTION (SEE) DRG. SA-9923
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(30)	WITH CENTRE SECTION (SEE) DRG. SA-9923
(31)	WITH CENTRE SECTION (SEE) DRG. SA-9923
(32)	WITH CENTRE SECTION (SEE) DRG. SA-9923
(33)	WITH CENTRE SECTION (SEE) DRG. SA-9923
(34)	WITH CENTRE SECTION (SEE) DRG. SA-9923
(35)	WITH CENTRE SECTION (SEE) DRG. SA-9923
(36)	WITH CENTRE SECTION (SEE) DRG. SA-9923
(37)	WITH CENTRE SECTION (SEE) DRG. SA-9923
(38)	WITH CENTRE SECTION (SEE) DRG. SA-9923
(39)	WITH CENTRE SECTION (SEE) DRG. SA-9923
(40)	WITH CENTRE SECTION (SEE) DRG. SA-9923
(41)	WITH CENTRE SECTION (SEE) DRG. SA-9923
(42)	WITH CENTRE SECTION (SEE) DRG. SA-9923
(43)	WITH CENTRE SECTION (SEE) DRG. SA-9923
(44)	WITH CENTRE SECTION (SEE) DRG. SA-9923
(45)	WITH CENTRE SECTION (SEE) DRG. SA-9923
(46)	WITH CENTRE SECTION (SEE) DRG. SA-9923
(47)	WITH CENTRE SECTION (SEE) DRG. SA-9923
(48)	WITH CENTRE SECTION (SEE) DRG. SA-9923
(49)	WITH CENTRE SECTION (SEE) DRG. SA-9923
(50)	WITH CENTRE SECTION (SEE) DRG. SA-9923

TYPE-1(R) STUDIOS, AGRA

OPENED OUT DETAILS OF X-MISSION BOOTH



ACOUSTIC DATA:

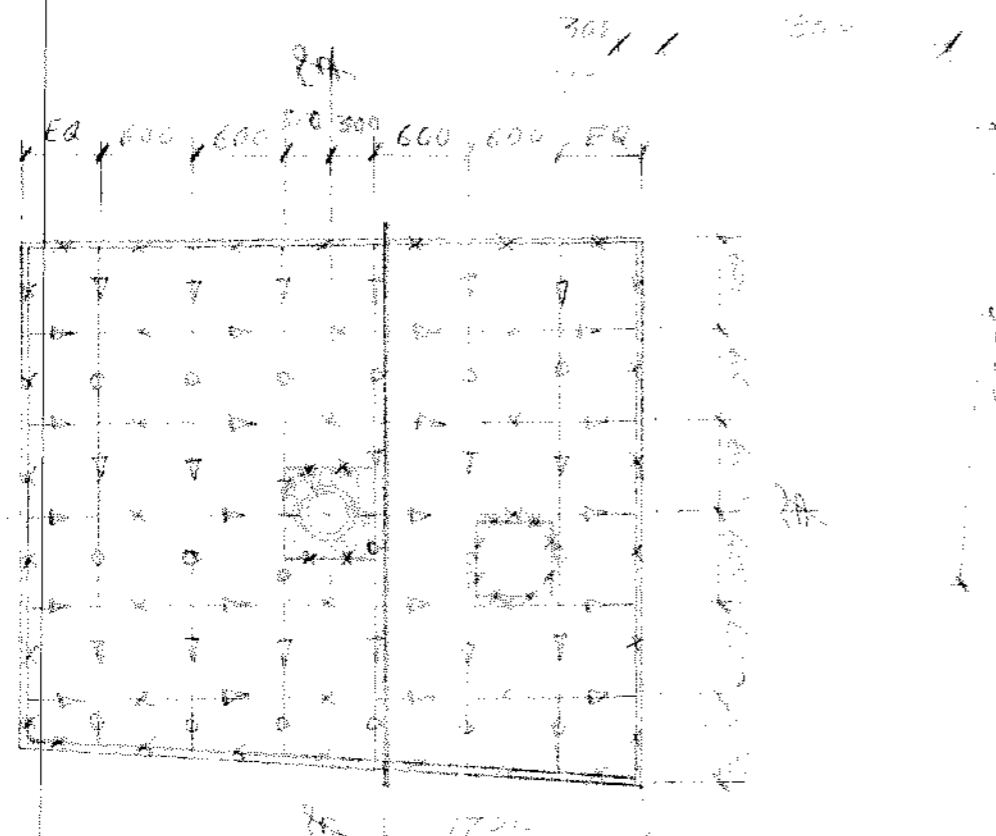
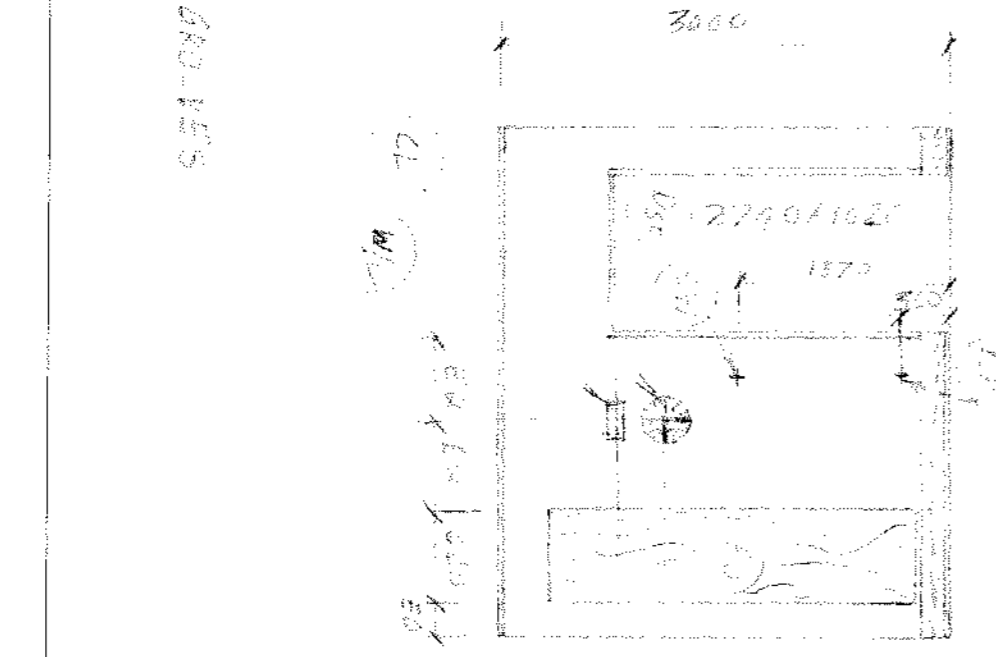
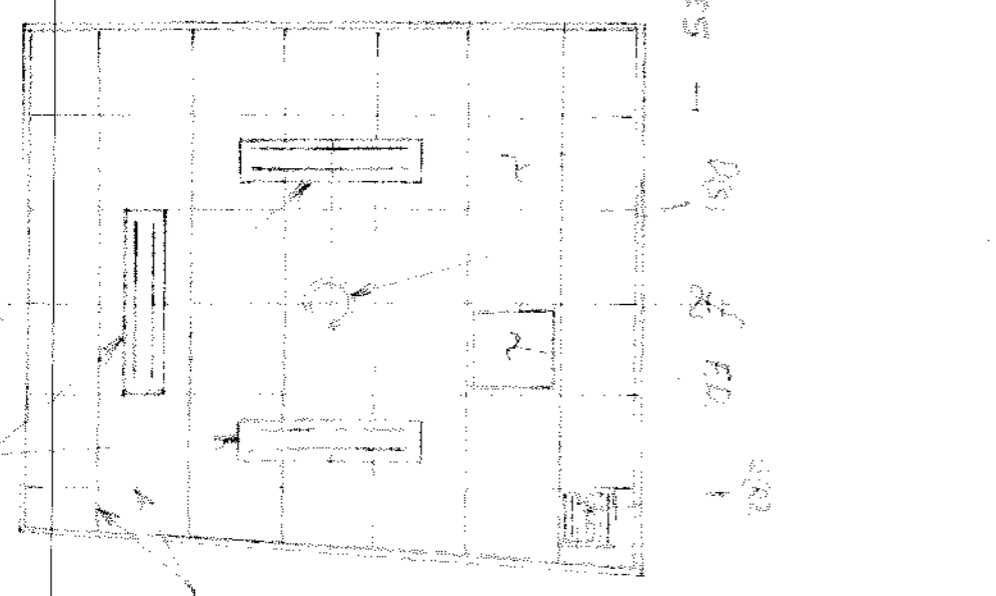
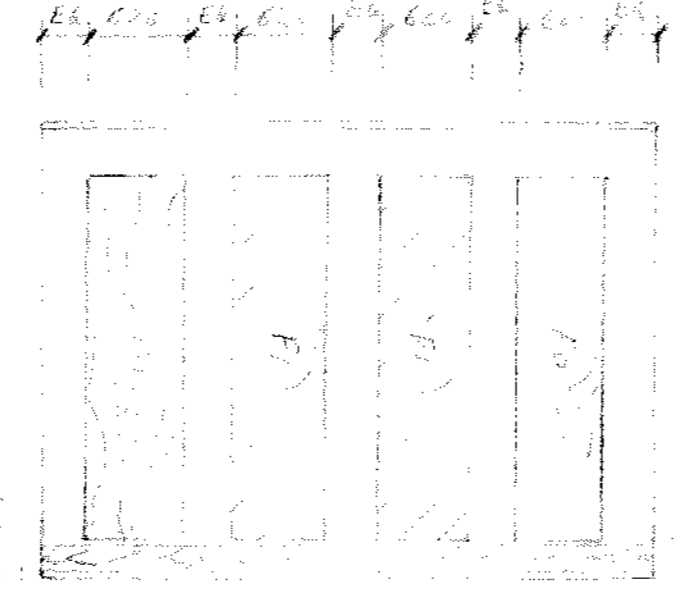
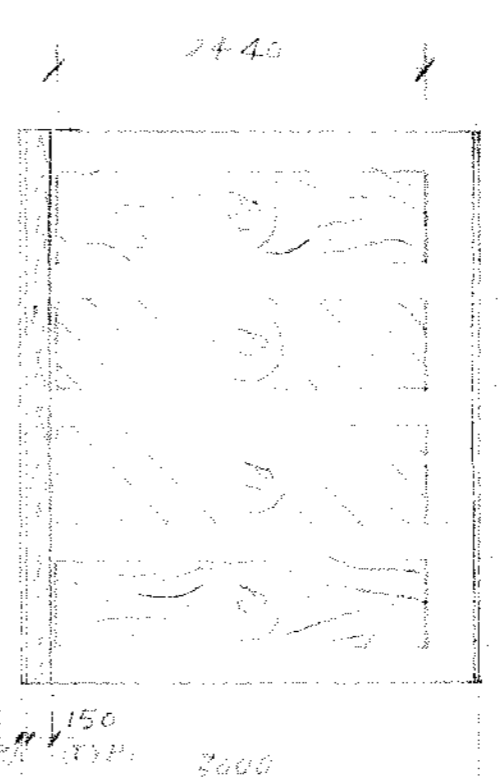
LOCATION	PERCENTAGE OF AREA	REF. NO.	REMARKS
CEILING	100%	151	...
WALLS	100%	80	...
FLOORING	100%	90	...

ACOUSTIC TREATMENT:

LOCATION	TREATMENT	SYMBOLS	REF. NO.
CEILING	...	CT	151
WALLS	...	W	80
FLOORING	...	F	90

SYMBOLS & DETAILS WITH RELEVANT CONSTR. PROVISIONS:

SYMBOL	DETAILS	REF. NO. REMARKS
SK	100MM TEAK WOOD SKIRTING	...
MR	MINERAL WOOL	...
SW	SWITCH	...
CL	CLOCK WITH CENTRE SECOND (OPTIONAL)	...
DL	WORKING LAMP	...
DR	DISPENSER (SUPPLY)	...
GN	GRID (NETWORK)	...
FD	FLOOR FINISH AT STEEL ROOM TO OPEN VEILINGS	...
LF	LIGHT FIXTURES (WITH OPEN VEILINGS)	...
PT	PERFORATED TILES (WITH OPEN VEILINGS)	...
LP	LIGHT POINT, 3 PIN - 5 AMP	...
EP	EQUIPMENT ROOM, 3 PIN - 15 AMP	...



COLOUR / FINISHES:

MATERIAL	FINISH	NOTE
PERFORATED TILES	DRY DYE	...
BAR WALL	OIL ACID	...
TEAK WOOD SKIRTING	FRENCH BLEND	...
FLAT OIL

LEGEND:

TEAK WOOD SKIRTING	...
3MM MARBLE OPAL GREY	...
PERFORATED TILES	...
PEL MET	...

- NOTES:**
- CODE NOS. GIVEN IN CIRCLES INDICATE THE TYPE OF TREATMENT TO BE APPLIED. FOR SECTIONAL DETAIL OF ADO TREATMENT PLEASE REFER TO DRAWING NO. 16-10-60.
 - PH.B SHALL BE RAMPED SEWAGE PER NO. 16-10-60.
 - THE SCHEDULE OF MATERIALS IN THIS DRAWING OR OTHER ONLY THIS MAY BE SUPPLIED. MODIFIED AT SITE. DETAIL NO. 16-10-60.
 - PH.B SHALL BE OF NOT LESS THAN 75% BEN. ARE.
 - FOR LAYOUT OF CEILING WORKS & REAR'S REFER TO DRAWING NO. 16-10-60.
 - FOR INSTALLATION OF CLASS. REFER TO DRAWING NO. 16-10-60.

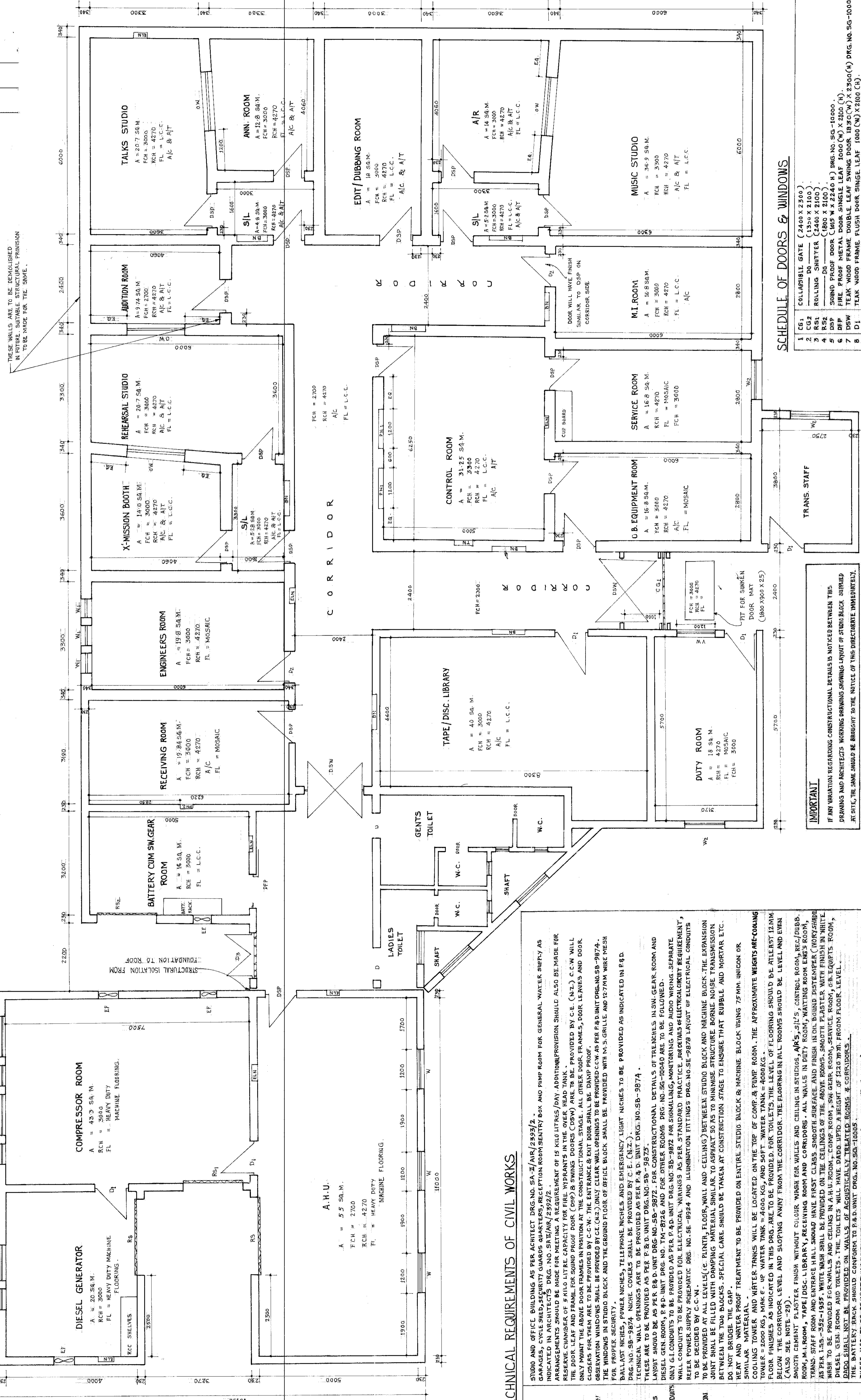
REFLECTED PLAN OF FALSE CEILING

CONSTRUCTIONAL DETAILS OF FALSE CEILING

DATE: 15/11/60
 DRAWN BY: M. S. K. S. S.
 CHECKED BY: M. S. K. S. S.
 SCALE: 1:50
 PROJECT: OPENED OUT DETAILS OF X-MISSION BOOTH
 NO. SA-9930

TYPE-1 (R) STUDIOS AGRA LAYOUT OF STUDIO BLOCK

S.N.O.	DATE	BRIEF RECORD	INITIALS
1	15-7-91	RETRACED ON FILM	OP 2/19/91



SCHEDULE OF DOORS & WINDOWS

1	CE	COLLAPSE GATE (2400 X 2300)
2	RS	ROLLING SHUTTER (2400 X 2100)
3	RS	WOOD FRAME DOUBLE LEAF SWING DOOR (1800 X 2100)
4	RS	WOOD FRAME DOUBLE LEAF SWING DOOR (1800 X 2100)
5	RS	WOOD FRAME DOUBLE LEAF SWING DOOR (1800 X 2100)
6	DR	TEAK WOOD FRAME DOUBLE LEAF SWING DOOR (1800 X 2100)
7	DR	TEAK WOOD FRAME DOUBLE LEAF SWING DOOR (1800 X 2100)
8	DR	TEAK WOOD FRAME DOUBLE LEAF SWING DOOR (1800 X 2100)
9	DR	TEAK WOOD FRAME DOUBLE LEAF SWING DOOR (1800 X 2100)
10	DR	TEAK WOOD FRAME DOUBLE LEAF SWING DOOR (1800 X 2100)
11	DR	TEAK WOOD FRAME DOUBLE LEAF SWING DOOR (1800 X 2100)
12	DR	TEAK WOOD FRAME DOUBLE LEAF SWING DOOR (1800 X 2100)
13	DR	TEAK WOOD FRAME DOUBLE LEAF SWING DOOR (1800 X 2100)
14	DR	TEAK WOOD FRAME DOUBLE LEAF SWING DOOR (1800 X 2100)
15	DR	TEAK WOOD FRAME DOUBLE LEAF SWING DOOR (1800 X 2100)
16	DR	TEAK WOOD FRAME DOUBLE LEAF SWING DOOR (1800 X 2100)
17	DR	TEAK WOOD FRAME DOUBLE LEAF SWING DOOR (1800 X 2100)
18	DR	TEAK WOOD FRAME DOUBLE LEAF SWING DOOR (1800 X 2100)
19	DR	TEAK WOOD FRAME DOUBLE LEAF SWING DOOR (1800 X 2100)
20	DR	TEAK WOOD FRAME DOUBLE LEAF SWING DOOR (1800 X 2100)

LEGEND

- A — AREA
- RCH — REAL CEILING HEIGHT FROM FLOOR TO LOWEST POINT IN THE CEILING.
- FCM — FALSE CEILING WEIGHT.
- A/C — AIR CONDITIONED.
- LT — ACOUSTICALLY TREATED.
- LCC — LEVEL CEMENT CONCRETE.

SPECIAL TECHNICAL REQUIREMENTS OF CIVIL WORKS

- 1 BUILDING: STUDIO AND OFFICE BUILDING AS PER ARCHITECT DRG. NO. SA-7/A/R/2393/2.
- 2 ANCHORAGE: GARAGES, CYCLE SHED, SECURITY GUARDS QUARTERS, RECEPTION ROOM, BATTERY ROOM AND PUMP ROOM FOR GENERAL WATER SUPPLY AS PER ARCHITECT DRG. NO. SA-7/A/R/2393/2.
- 3 WATER SUPPLY: ARRANGEMENTS SHOULD BE MADE FOR MEETING A REQUIREMENT OF 15 HRLITRES/DAY ADDITIONAL PROVISION SHOULD ALSO BE MADE FOR RELEASE CHAMBER OF 5 HRLITRE CAPACITY FOR FIRE HYDRANTS IN THE OVER HEAD TANK.
- 4 DOORS: THE DOOR LEAF AND FRAME FOR SOUND PROOF DOOR (C.P.P.) & SWING DOOR (C.P.W.) ARE TO BE PROVIDED BY C.E. (N.Z.). C.C.M. WILL BE PROVIDED FOR ALL DOORS. THE ENTRANCE & EXIT DOORS SHALL BE DAMP PROOF.
- 5 OBSERVATION WINDOW: OBSERVATION WINDOWS SHALL BE PROVIDED BY C.E. (N.Z.). ONLY CLEAR WALL OPENINGS TO BE PROVIDED. C.C.M. AS PER DRAWING DRG. NO. SB-9874.
- 6 WINDOWS: THE WINDOWS IN STUDIO BLOCK AND THE GROUND FLOOR OF OFFICE BLOCK SHALL BE PROVIDED WITH 10.5 GRILLE AND 12.7MM WIRE MESH.
- 7 WALL NICHES: BALL NICHES, POWER NICHES, TELEPHONE NICHES AND EMERGENCY LIGHT NICHES TO BE PROVIDED AS INDICATED IN P.4.D.
- 8 WALL OPENINGS: TECHNICAL WALL OPENINGS ARE TO BE PROVIDED AS PER P.4.D. UNIT DRG. NO. SB-9874.
- 9 CEILING: DIESEL GEN. ROOM, P.4.D. UNIT DRG. NO. SB-9874.
- 10 INSULATION: DIESEL GEN. ROOM, P.4.D. UNIT DRG. NO. SB-9874.
- 11 FLOOR & WALL CONDENSATION: WALL CONDENSATION TO BE PROVIDED FOR ELECTRICAL WIRINGS AS PER STANDARD PRACTICE. FLOORING TO BE PROVIDED AS PER ARCHITECT DRG. NO. SB-9874.
- 12 STRUCTURAL ISOLATION: TO BE PROVIDED AT ALL LEVELS (i.e. PLINTH, FLOOR, WALL AND CEILING) BETWEEN STUDIO BLOCK & MACHINE BLOCK USING 75MM UNICON OR SIMILAR MATERIAL. WATER TRINGS WILL BE LOCATED ON THE TOP OF CORR. & PLINTH ROOM. THE APPROXIMATE HEIGHTS ARE CORR. & PLINTH ROOM, TAPE/DISC LIBRARY, RECEIVING ROOM & CORRIDORS. ALL WALLS IN PLINTH ROOM, WAITING ROOM, EMG'S ROOM, TRANS. STAFF ROOM AND ENTERANCE HALL SHOULD HAVE FIRST CLASS SMOOTH SURFACE AND FINISH IN OIL BOUND ROSE TEMPER (WORRYSHED) TO BE PROVIDED FOR WALLS AND FINISH IN OIL BOUND ROSE TEMPER (WORRYSHED) TO BE PROVIDED FOR WALLS AND FINISH IN OIL BOUND ROSE TEMPER (WORRYSHED).
- 13 ROOF TREATMENT: DIESEL GEN. ROOM AND TOILETS. THE TOILETS WILL HAVE DADO UP TO A HEIGHT OF 1220 MM FROM FLOOR LEVEL.
- 14 ROOF LANDING OF MACHINE BLOCK: DIESEL GEN. ROOM AND TOILETS. THE TOILETS WILL HAVE DADO UP TO A HEIGHT OF 1220 MM FROM FLOOR LEVEL.
- 15 SPECIAL FLOOR: SMOOTH GRANIT PLASTER FINISH WITHOUT COLOUR WASH FOR WALLS AND CEILING IN STUDIOS, AIR'S, PLINTH, CONTROL ROOM, REC./DIBS ROOM, M.I. ROOM, TAPE/DISC LIBRARY, RECEIVING ROOM AND CORRIDORS. ALL WALLS IN PLINTH ROOM, WAITING ROOM, EMG'S ROOM, TRANS. STAFF ROOM AND ENTERANCE HALL SHOULD HAVE FIRST CLASS SMOOTH SURFACE AND FINISH IN OIL BOUND ROSE TEMPER (WORRYSHED) TO BE PROVIDED FOR WALLS AND FINISH IN OIL BOUND ROSE TEMPER (WORRYSHED).
- 16 WALL FINISHES: DIESEL GEN. ROOM AND TOILETS. THE TOILETS WILL HAVE DADO UP TO A HEIGHT OF 1220 MM FROM FLOOR LEVEL.
- 17 BATTERY BLOCK: DIESEL GEN. ROOM AND TOILETS. THE TOILETS WILL HAVE DADO UP TO A HEIGHT OF 1220 MM FROM FLOOR LEVEL.
- 18 P.S. JOISTS: THREE JOISTS TO BE PROVIDED IN PLINTH ROOM TO SUPPORT PLINTH CHIMNEY (APPROX. WT. 1500 KGS.). THE EXACT LOCATION WILL BE INDICATED BY P.4.D. UNIT LATER.
- 19 STAIR AIR OUTLET: TO BE PROVIDED AS INDICATED IN P.4.D. UNIT DRG. NO. SB-9874 ALONG WITH SUITABLE CHIMNEY.
- 20 COLLAPSIBLE GATE: TO BE PROVIDED AS INDICATED IN P.4.D. UNIT DRG. NO. SB-9874.
- 21 FOUNDATION FOR MACHINES: SUITABLE ARRANGEMENT FOR CONCRETE FOUNDATION FOR DIESEL GEN. ROOM TO BE CONSTRUCTED BY C.E. DETAILS TO BE SUPPLIED LATER ON.
- 22 EARTH PITS: TWO NOS. FOR AUDIO AND ONE FOR BATTERY CIRCUITS TO BE PROVIDED BY C.E. (N.Z.). SEPARATE POWER SUPPLY EARTHINGS TO BE PROVIDED BY C.E. (N.Z.).
- 23 AND WHITE ANT TREATMENT: PROVISION FOR FLAG MESH, LIGHTNING ARRESTOR, FIRE HYDRANTS, STORM WATER DRAINS, STRUCTURE, INTERNAL ROADS, SECURITY FENCING AND FIRE FIGHTING EQUIPMENTS IS TO BE MADE.
- 24 MISCELLANEOUS: THE ARRANGEMENT IN FLOOR LEVEL IN PLINTH ROOM WHERE LEVEL CEMENT FINISHING BETWEEN ANY TWO POINTS IN A ROOM SHOULD NOT EXCEED 5 MM. OVER A DISTANCE OF 9 M. OR A DISTANCE OF 4 METERS, MAXIMUM LEVEL VARIATION BETWEEN ANY TWO POINTS IN A ROOM SHOULD NOT EXCEED 5 MM.

DATE	SCALE	TYPE	BY	APPROVED
15-7-91	1:50	TYPE-1 (R) STUDIOS	OP 2/19/91	OP 2/19/91
DRN	1:50	TYPE-1 (R) STUDIOS	OP 2/19/91	OP 2/19/91
CHK	1:50	TYPE-1 (R) STUDIOS	OP 2/19/91	OP 2/19/91
TRD	1:50	TYPE-1 (R) STUDIOS	OP 2/19/91	OP 2/19/91
C.D.	1:50	TYPE-1 (R) STUDIOS	OP 2/19/91	OP 2/19/91

ALL INDIA RADIO	NEW DELHI-INDIA
TYPE-1 (R) STUDIOS	AGRA
LAYOUT OF	STUDIO BLOCK
SCALE	1:50
A.D.E.	D.B.E.