



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



सत्यम् शिवम् सुन्दरम्

Jaisalmer/2V/3/2025-26/Instt./(Misc. departmental works)

Dated: 06.05.2025

Subject: Extension of inviting budgetary quotation for Wall panelling, false ceiling, observation window, emergency studio table, workshop table & other related scope in emergency studio, corridor & technical area at HPT Ramgarh, Jaisalmer (Rajasthan).

1. The budgetary quotation & drawings of the upcoming tender is enclosed herewith to offer comments, 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 rajkishoresingh3@prasarbharati.gov.in or at following address.

R. K Singh
Assistant Director (Engg.)
Room No. 899,
O/o ADG (E) (NZ)
Akashvani & Doordarshan,
8th floor, CGO Complex,
Soochna Bhawan, New Delhi-110003
Mobile No.: 9868826690
e-mail id: rajkishoresingh3@prasarbharati.gov.in

Budgetary Quotation for: Extension of inviting budgetary quotation for Wall panelling, false ceiling, observation window, emergency studio table, workshop table & other related scope in emergency studio, corridor & technical area at HPT Ramgarh, Jaisalmer (Rajasthan).

Due Date to offer Comments: 11.05.2025

Enclosed:

1. Budgetary Quotation form & drawings of the upcoming tender is enclosed herewith to offer comments, if any by prospective bidders/firms.

[Handwritten signature]
6/5/25

**Assistant Director (Engg.)
For Additional Director General (E) (NZ)**

राजकिशोर सिंह / Rajkishor Singh
सहायक निदेशक (अभियंत्रिकी) / Assistant Director (Engineering)



Jaisalmer/2V/3/2025-26/Instt./(Misc. departmental works)

Date: 06.05.2025

Budgetary Quotation Form

Project: Setting up of 20kW (1+1) FM Transmitter at HPT Ramgarh, Jaisalmer (Rajasthan).

Subject: Wall panelling, false ceiling, observation window, emergency studio table, workshop table & other related scope in emergency studio, corridor & technical area at HPT Ramgarh, Jaisalmer (Rajasthan).

Last date of receipt of budgetary quotation in this office: 11.05.2025 upto 12:00Hrs.

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

S.No.	Description	Qty	Rates	Amount
1.	Providing, fabrication and fixing of acoustic treated false ceiling in emergency studio at HPT Ramgarh, Jaisalmer (Rajasthan) as per drawing SG-10150, 10178/4 and respective drawings. Description of scope as per measurement taken at site: <ul style="list-style-type: none">Providing, fabrication and fixing of GI metal 22SWG Channel (as per drawing: frame structure base channel frame of studio.Providing, fabrication and fixing of absorbing acoustic material on ceiling with G.I frames as per site for the Studio.Providing, fabrication and fixing of 12mm thick plain insulation board and fixing of the layer inside the G.I frame work and top with 12mm thick MDF board as per drawing.Providing, fabrication and fixing of absorbing acoustic material 25mm thick 36 kg/M3 glass wool pads covered with cora cloth (Treated with copper napthanate and kerosene oil) inside the G.I frame.Providing, fabrication and fixing of acoustic facing material 12mm thick plain gypsum board & 12mm thick fully perforated gypsum tiles.Providing, fabrication and fixing of 2"x2" wooden cedar wood cover beading at all the corners, joints and edges as per site requirement.All wooden battens shall be treated with fire proof paint as and where required.	10 Sq. mtr.		
2.	Providing, fabrication and fixing of false ceiling in corridor area at HPT Ramgarh, Jaisalmer (Rajasthan) as per drawing SG-10150, 10178/4 and respective drawings. Description of scope as per measurement taken at site: <ul style="list-style-type: none">Providing, fabrication and fixing of frame structure with GI metal sheet channel. For hanging arrangement wall to wall 40mm x 40mm x 2mm MS slotted angles with strap hangers shall be provide as per site requirements to support the GI frame structure. These slotted angles shall be further supported 8mm MS tie rods and 10mm MS fasteners from the real ceiling to make the entire structure in level and intact. (as per drawing).Providing, fabricating and fixing of facing material of 12mm thick plain gypsum sheet/perforated tiles and glass wool as absorbing material.	61 Sq. mtr.		
3.	Providing, fabrication and fixing of wall paneling treatment in emergency studio & technical area at HPT Ramgarh, Jaisalmer (Rajasthan) as per drawings SG-10156, SG-10178/4 and respective drawings. Description of scope as per measurement taken at site: <ul style="list-style-type: none">Providing, fabrication and fixing of G.I metal 20 SWG channel (Size of channel in mm: 15 x 50 x 50 x 15) frame structure base channel frame of Emergency studio, Transmitter Hall & Technical area walls.Providing, fabrication and fixing of absorbing acoustic material on walls 25mm thick 48kg./M3 glass wool pads covered with coara cloth (treated with copper napthanate and kerosene oil) inside the G.I frame work & G.I frames as per site for the studio is to be carried out.Providing, fabrication and fixing of 12mm thick plain insulation board and fixing of the layer inside the G.I frame work.Providing, fabrication and fixing of acoustic facing material 12mm thick fully perforated gypsum tile/board.Providing, fabrication and fixing of cedar/teak ply sheets to make wall paneling treatment.	28 Sq.mtr		
4.	Providing, fabrication, fixing of flush door (size: 7x 3½ feet) with commercial ply, industrial laminations, door handles, door glass, door hinges and other various fittings of flush door as per scope including providing, fabricating & fixing of teakwood wooden plank (Size: 125mmx 100mm) for flush door chowkhat at HPT Ramgarh, Jaisalmer (Rajasthan).	01 No.		
5.	Providing, fabrication, fixing & polishing of wooden table for emergency studio as per drawing attached SG 10191 with console table top 25mm thick wooden board/commercial ply with Sunmica sheet (1 mm thick) and 12mm thick wooden board/commercial ply with cedar ply (4mm) at outer side of console table wooden frame with Teak wood batten (2"x2") length 3½ feet as per drawing attached. Complete in all respect.	01 No.		
6.	Providing, fabrication, fixing & polishing of heavy duty wooden workshop table of size 6' x 3½' x 3½' (height) with top made up of 25mm thick wood plank on top and 2½" x 2½" wooden batten frame with wooden beading & moulding. The scope includes all hardware & fully extendable drawer. Complete in all respect.	01 No.		
7.	Providing, fabrication and fixing of observation window in emergency studio at HPT Ramgarh, Jaisalmer (Rajasthan) as per Drg. No. SG 10001. (Size: 1200mm x 750mm)(LxH)	01 No.		
	Important Note:- (Must read carefully) <ul style="list-style-type: none">All above scope shall be carried out and completed strictly as per respective drawings.Raw material such as Hardware material such as fasteners, screws, steel screws, nails, fevicol, tissue paper, etc. Required for completion of above is to be provided/supplied by the bidder.The Akashvani Ramgarh, Jaisalmer (Rajasthan) site is situated at remote and difficult climatic terrain of Rajasthan region and Akashvani Ramgarh is approx 80km from Jaisalmer City. So, bidders should take proper information about ground reality of the site before submitting the bid process.All above scope shall be carried out and completed strictly in presence of authorized representative of this office or HPT Ramgarh, Jaisalmer (Rajasthan).			
	Total			
	GST@			
	Grand Total			

Note:

- Time of execution as per permission of engineer incharge at HPT Ramgarh, Jaisalmer (Rajasthan).
- The bidder must be experienced in same kind of scope & shall submit documentary evidence with offer. The completion certificate is also to be attached issued by any Central and State Government agency, PSUs, Private organizations.

- (In case of SITC/SETC and specialized scope, the contractor should also have sufficient experience and shall submit the experience certificate of satisfactory completion of at least three similar works, each of value not less than 40% of the estimated cost put to tender or two similar works, each of value not less than 60% of the estimated cost or one similar work of value not less than 80% of the estimated cost, all amounts rounded off to a convenient full figure, in the last 7 years ending on the last day of the month previous to the one in which the tenders are invited”).
- Execution of scope has to be completed without break in service at HPT Ramgarh, Jaisalmer (Rajasthan).
 - 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 HPT Ramgarh, Jaisalmer (Rajasthan).
 - Inspection will be carried out preferably in presence of authorized representative of O/o ADG (NZ), Akashvani & Doordarshan, 8th floor, Sookna 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) GST No:
 - b) PAN No.....
- 3) **Delivery at:** 20kW (1+1) FM Transmitter at HPT Ramgarh, Jaisalmer (Rajasthan).
- 4) **Consignee:** Installation officer, HPT Ramgarh, Jaisalmer (Rajasthan).
- 5) **Completion Period:** Execution/Completion of scope 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), Akashvani & Doordarshan, New Delhi valid for guarantee period at least.
- 8) **Performance Security:**
 - The firm/supplier/contractor should submit performance security deposit in the form of FDR from a schedule commercial bank valid for one year in favour of Chief Engineer (NZ), Akashvani & Doordarshan, New Delhi.
 - The performance 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)

DATE	WORK DONE	NO.
1 JUL-95	NOTE NO. 1 REVISED	
2 JUL-95	FRAM WORK FOR A TYPE 4 WEATH- MODIFIED	
2 NOV- 1999	DETAIL OF GYPSUM CONCRETE ADDED	
6 JUNE-04	FACING MATERIAL CARRY AND ITS FIXING DETAIL ADDED	

SUBSCRIPT	DESCRIPTION OF ABSORBING MATERIAL	REMARKS
0	NO ABSORBING MATERIAL	
1	12mm TH. INSULATION BOARD ALONGWITH HARD SURFACE (WALL OR PARTICLE BOARD)	
2	12mm TH. INSULATION BOARD JUST BEHIND THE FACING MATERIAL	
3	25mm MINERAL WOOL JUST BEHIND THE FACING MATERIAL	
4	25mm MINERAL WOOL ALONGWITH HARD SURFACE (WALL OR PARTICLE BOARD)	
5	50mm MINERAL WOOL	

SUBPROGRAM	DESCRIPTION OF FACING MATERIAL	REMARKS
1	CEDAR PLY	
2	12.5mm TH. GYPSUM RIGGURE TILE	
3	12.5mm TH. FULL PERFORATED GYPSUM TILE	
4	12.5mm TH. GLASS REINFORCED GYPSUM STRIPS 50mm WIDE 10mm GAP BETWEEN JOINT STRIPS	
5	6mm TH. CARPET FELD OVER 12mm TH. PARTICLE BOARD	
6	PLAIN GYPSUM BOARD	
7	SCULPTURES GYPSUM BOARD	
8	12.5mm TH. GYPSUM SLIT TILE	
9	8mm THICK CARPET SUPPORTED WITH 6mm COMM. PLY	

EXAMPLE:-

B11

- 12.5mm TH. GYPSUM FISSURE TILE
(FACING MATERIAL FROM TABLE-2)
- 12mm TH. INSULATION BOARD ALONG WITH HARD SURFACE
(WALL OR PARTICLE BOARD)
(ABSORBING MATERIAL FROM TABLE-1)
- MATERIAL ON WALLS

HOLE FOR FIXING THE
G.I. FRAME ON FASTENER/
WOODEN GUTTY

500

500

G.I. SECTIONS
DETAIL AT FIGURE 2C

THICKNESS 20 SWG (0.9mm)

(SCALE: 1:5)

(SCALE: 1:5)

(SCALE - 1:5)

(SCALE = 1:5)

(SCALE = 1-5)

(SCALE - 1:2) -

(SCALE: - 1.0)

(SCALE: - 1.5)

12.5mm DL GYPSUM FISSURE FILL

12mm INSULATION BOARD

42mm DL PARTICLE BOARD

G.L. SECTION AS PER DRG. NO. SC-10150

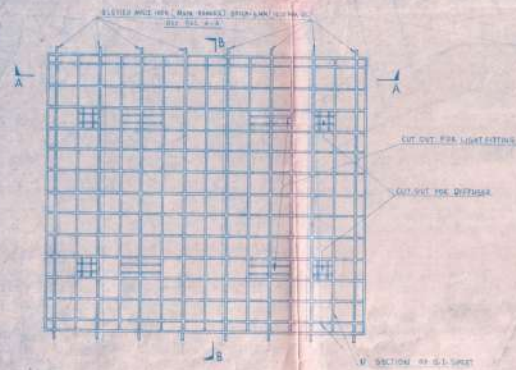
38mm AIR GAP

(SCALE: — 1:2)

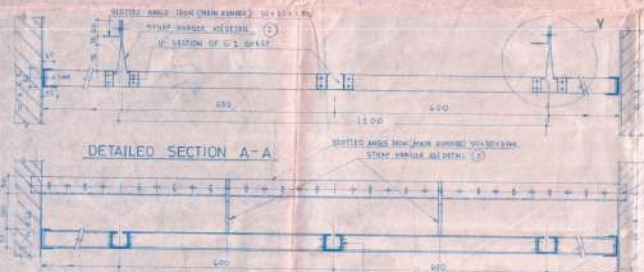
1. THIS DRC SHOWS THE DETAIL OF ABSORBING AND FACING MATERIALS GENERALLY USED IN AIR.
2. FOR CONTINUOUS TREATMENT ON WALLS A TYPICAL G.I. FRAME WORK HAS ALSO BEEN SHOWN IN THIS DRC. HOWEVER SPACING BETWEEN THE G.I. SECTIONS MAY BE CHANGED ACCORDING TO THE SIZE OF ZONE MATERIAL.
3. FOR PANEL TYPE TREATMENT DRC NO. 57-10155 MAY BE FOLLOWED WHERE IN G.I. FRAME WORK FOR PANELS IS SHOWN.
4. DRC NO. 56-10150 IS TO BE FOLLOWED FOR FRAME WORK OF FALSE CEILING.
5. 12mm THICK PARTICLE BOARD/FORMITE BOARD PANEL OR SIMILAR MATERIAL IS TO BE PROVIDED ON THE BACK SIDE OF G.I. FRAME WORK PROVIDED FOR FALSE CEILING OR AS MENTIONED IN THE OPENED OUT DETAIL DRC.
6. IN CASE OF OTSIVUM STRIP TYPE TACING MATERIAL OPENED OUT DETAIL DRC OF THAT PARTICULAR ROOM MAY BE REFERRED FOR OPENED OUT PATTERNED STRIP TYPE TACING.
7. GLASS WOOL WHEREVER IS USED TO BE WRAPPED IN KORA CLOTH TREATED WITH COPPER NITRATE.
8. FOR GLASS REINFORCED OTSIVUM STRIP TYPE INTERNAL STRETCHED GLASS WOVEN JUTE FABRIC/SILKSCREEN CLOTH IS TO BE RATED FIRST CLASS GLASS WOVEN AFTER THE GLASS REINFORCED OTSIVUM STRIPS WOULD BE FIXED ACCORDING TO THE PATTERN SHOWN IN THE OPENED OUT DETAIL DRC.
9. CARPET SHALL BE LAYED ON COM. PLY WITH SUITABLE ADHESIVE AND SMALL MARKS.

DATE	NAME	GENERAL		ALL INDIA RADIO
Serial No.	1000			NEW DELHI, INDIA
Chk				
Comp				
Dist				
NAME - AC GIVEN		DESCRIPTION OF ABSORBING AND FACING MATERIALS		APPROVED
Mr /	Dr /			NO.SG-10175/4
Signature	Dr. S. S. S. S.			

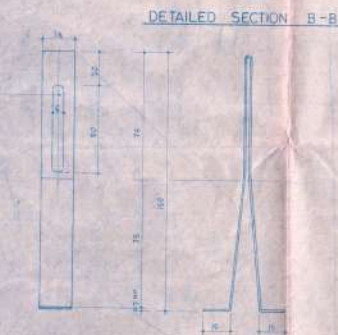
CONSTRUCTIONAL DETAILS OF METALLIC FRAME STRUCTURE FOR FALSE CEILING



TENTATIVE PLAN
FIG. A



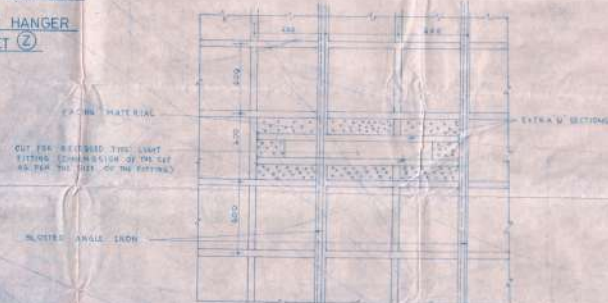
DETAILED SECTION A-A



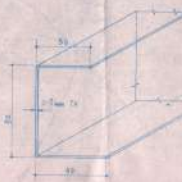
DETAILED SECTION B-B

SIDE VIEW FRONT VIEW

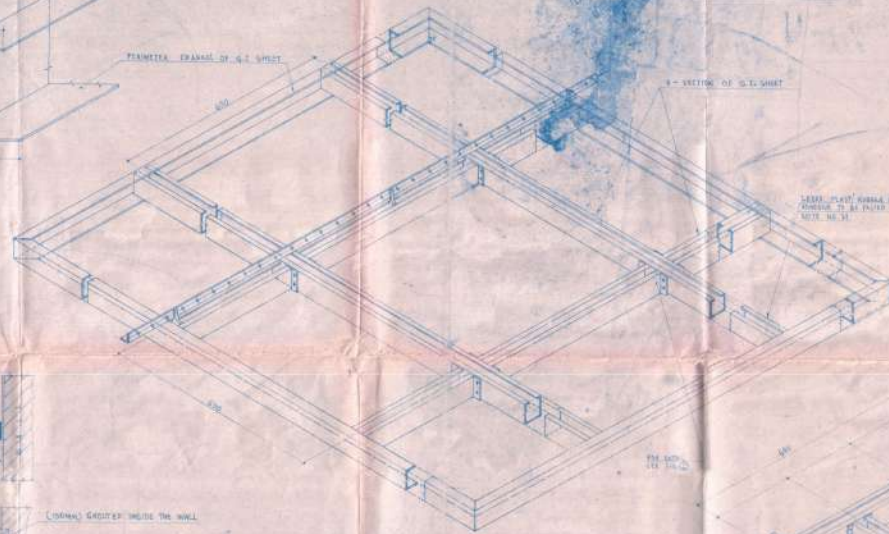
DETAIL OF STRAP HANGER
OF G.I. SHEET (2)



CUT FOR RECESSED TYPE LIGHT FITTING
FIG. J



PERIMETER CHANNEL OF G.I. SHEET



ISOMETRIC DETAIL OF FRAME STRUCTURE FOR FALSE CEILING

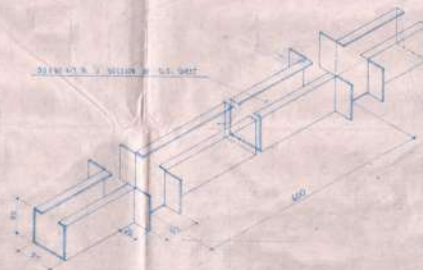
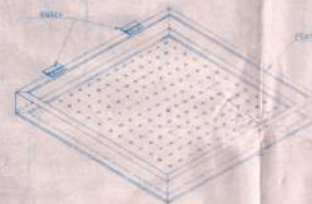
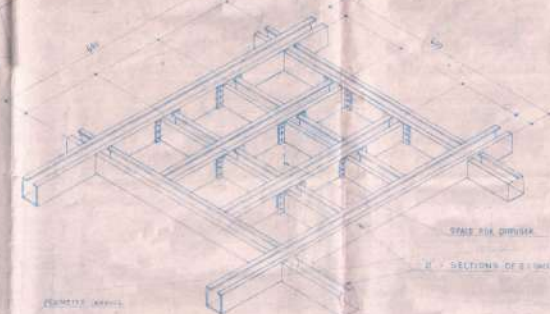


FIG. I

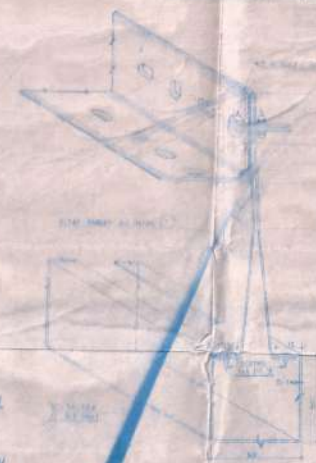


DETAIL OF FLAP DOOR



ISOMETRIC DETAIL OF METAL FRAME STRUCTURE
FOR DIFFUSER

FIG. D



SECTIONAL DETAIL (V)



SOFFIT CLEAT
FIG. C



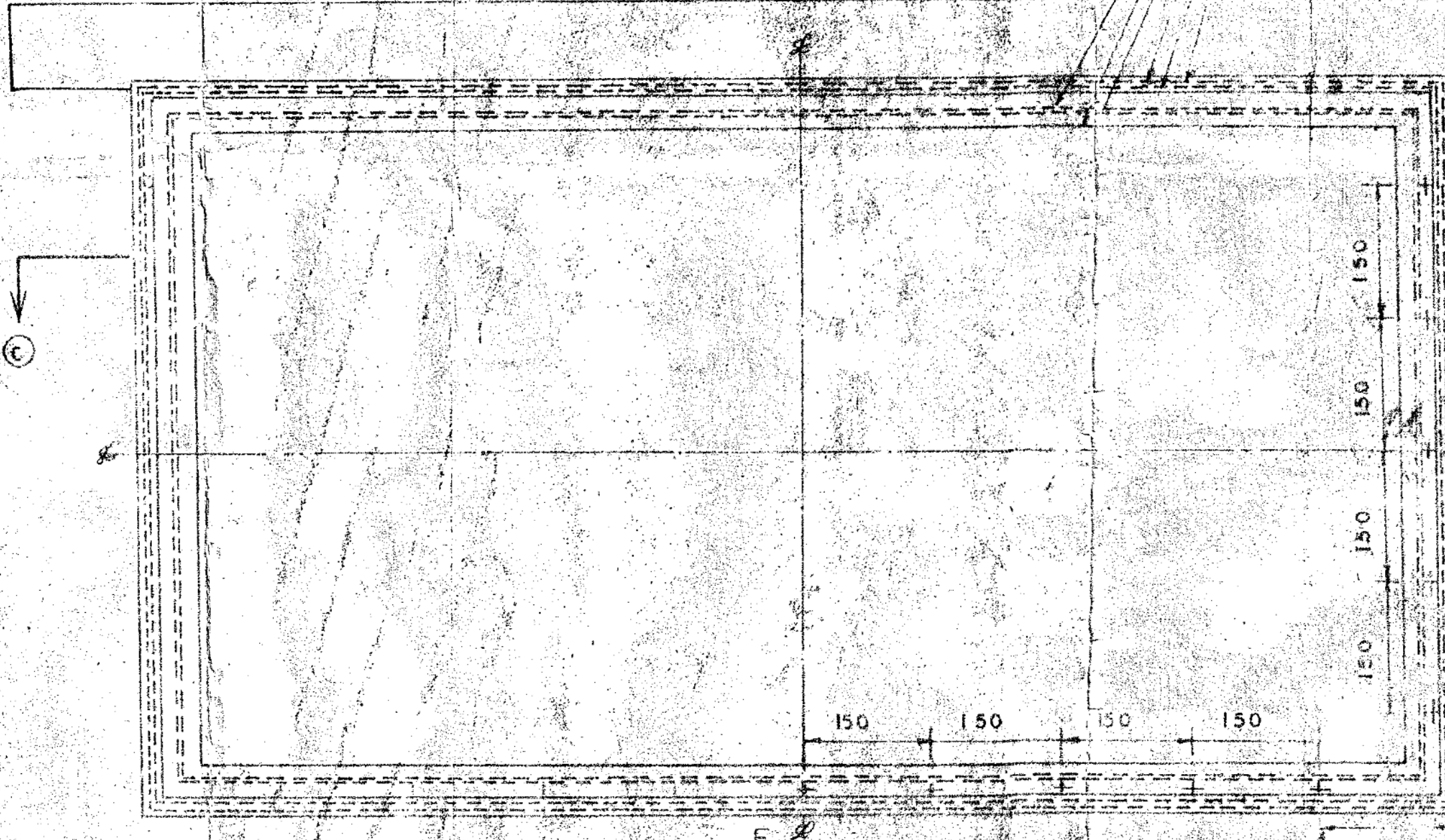
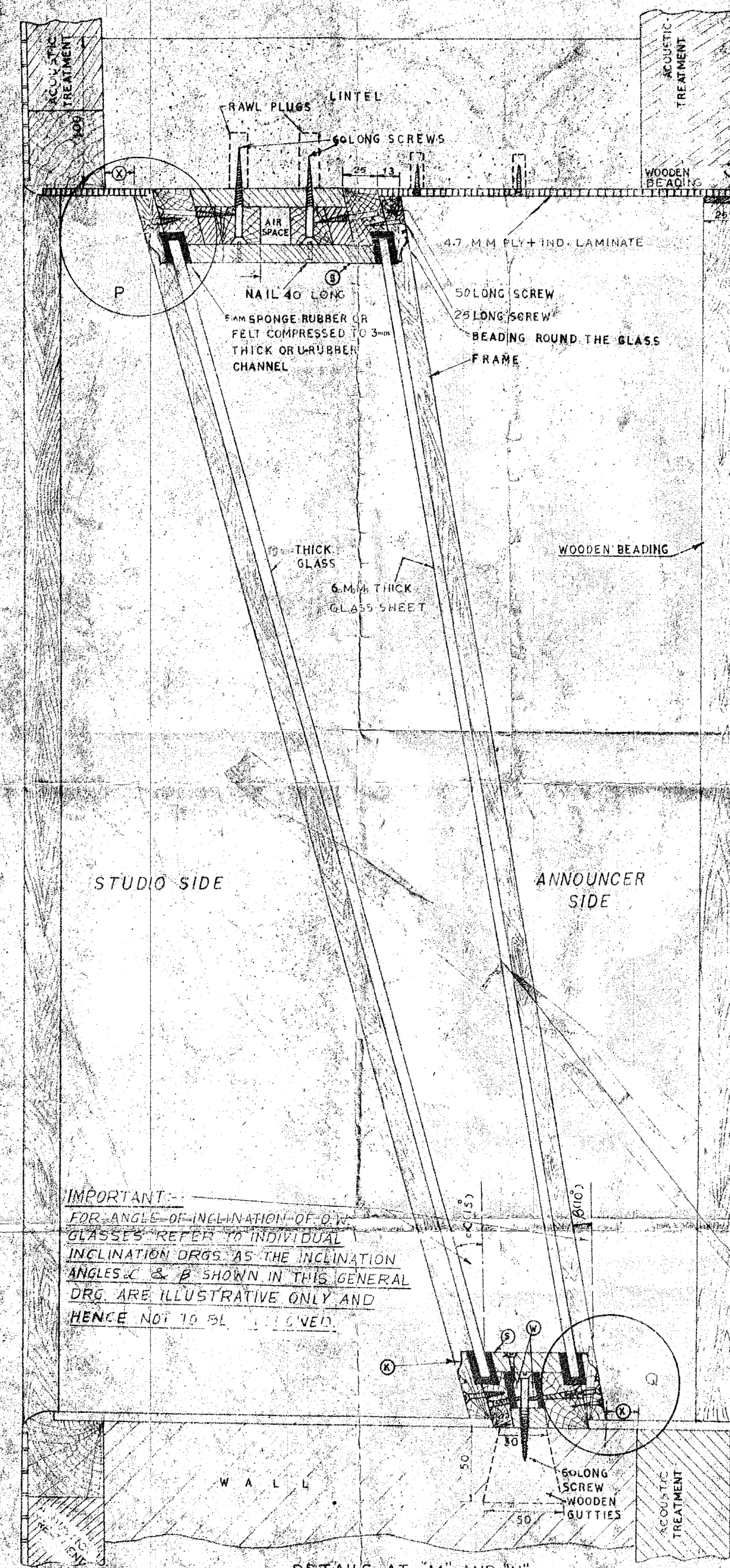
SELF TAPPING SCREW

HEAD OF THE SCREW
FIG. H

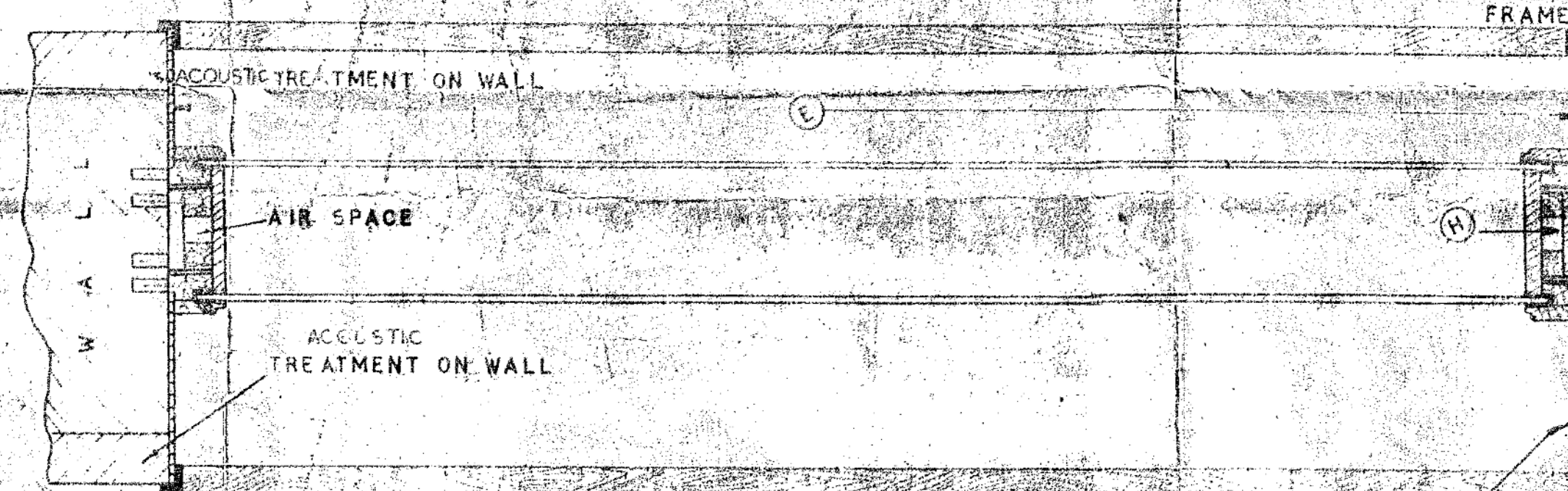
R.NO	DATE	BRIEF RECORD	INITIAL																																				
1	24/11	READY TO USE PAGE	1/1																																				
NOTES																																							
1. PERIMETER CHANNEL SHOULD BE FIXED ON WALL WITH GUTTY OR DASH PASTERS AT FINISH HEIGHT.																																							
2. LIGHT/DASH FITTING SHOULD BE MOUNTED IN THE WALL AT A SPACING OF 100MM THROUGHOUT THE LENGTH OF THE WALL.																																							
3. FOR RECESSED TYPE LIGHT FITTING THE FITTING'S SECTION SHOULD BE USED ALONGSIDE THE LENGTH OF THE FITTING. THE SPACING BETWEEN 2 FITTING'S SHOULD BE EQUAL TO THE WIDTH OF THE FITTING. SEE FIG. 2.																																							
4. FOR RECESSED TYPE LIGHT FITTING ONLY V SECTION SHOULD BE CUT. THE MAIN RIBBON SHOULD NOT BE CUT.																																							
5. LIGHTS KNOWN IN THE MAIN RIBBON COATED ANGLE (L) SHOULD BE COATED WITH AN ANGLE THE WALL.																																							
6. MAIN RIBBON SHOULD BE PLACED WITH AN ANGLE THE WALL.																																							
7. MAIN RIBBON SHOULD BE WITHDRAWN AT LEAST 20 MM PLACED WITH AN ANGLE THE WALL. THE WALL TO THREE TIMES THE WALL. PERIMETER ALSO COATED WITH DASH PASTERS.																																							
8. ANY TYPE OF ACOUSTIC PANELS 12 TO 24 MM BE PLACED WITH THE WALL OR COATED WITH DASH PASTERS.																																							
9. THE HEADS OF THE SCREWS USED FOR FIXING THE FALSE MATERIAL SHOULD BE COVERED WITH PLATE IN ORDER TO HAVE UNIFORMITY IN THE FALSE MATERIAL.																																							
10. THE SLOTTED ANGLE IRON FOR FIXING THE V SECTION SHOULD BE FIRST PLACED IN THE WALL. THE DIVISION OF THE RIBBON.																																							
11. 40 MM THICK LEAD/PLAST/ RUBBER WITH ADHESIVE SHOULD BE USED ON V SECTION. IN ORDER TO HAVE SMOOTH SURFACE FOR FALSE MATERIAL. SEE FIG. 10.																																							
12. ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE SPECIFIED.																																							
<table border="1"> <tr> <th>ITEM NO.</th><th>DESCRIPTION</th><th>QTY.</th><th>UNIT</th></tr> <tr> <td>1</td><td>PERIMETER CHANNEL</td><td>1</td><td>MTR.</td></tr> <tr> <td>2</td><td>V SECTION OF G.I. SHEET</td><td>1</td><td>MTR.</td></tr> <tr> <td>3</td><td>SLOTTED ANGLE IRON</td><td>1</td><td>MTR.</td></tr> <tr> <td>4</td><td>STRAP HANGER</td><td>1</td><td>MTR.</td></tr> <tr> <td>5</td><td>FLAP DOOR</td><td>1</td><td>MTR.</td></tr> <tr> <td>6</td><td>DIFFUSER</td><td>1</td><td>MTR.</td></tr> <tr> <td>7</td><td>SELF TAPPING SCREW</td><td>1</td><td>MTR.</td></tr> <tr> <td>8</td><td>HEAD OF THE SCREW</td><td>1</td><td>MTR.</td></tr> </table>				ITEM NO.	DESCRIPTION	QTY.	UNIT	1	PERIMETER CHANNEL	1	MTR.	2	V SECTION OF G.I. SHEET	1	MTR.	3	SLOTTED ANGLE IRON	1	MTR.	4	STRAP HANGER	1	MTR.	5	FLAP DOOR	1	MTR.	6	DIFFUSER	1	MTR.	7	SELF TAPPING SCREW	1	MTR.	8	HEAD OF THE SCREW	1	MTR.
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CONSTRUCTIONAL DETAILS OF OBSERVATION WINDOW WITH SLOPING GLASSES (WITHOUT BREATHER)

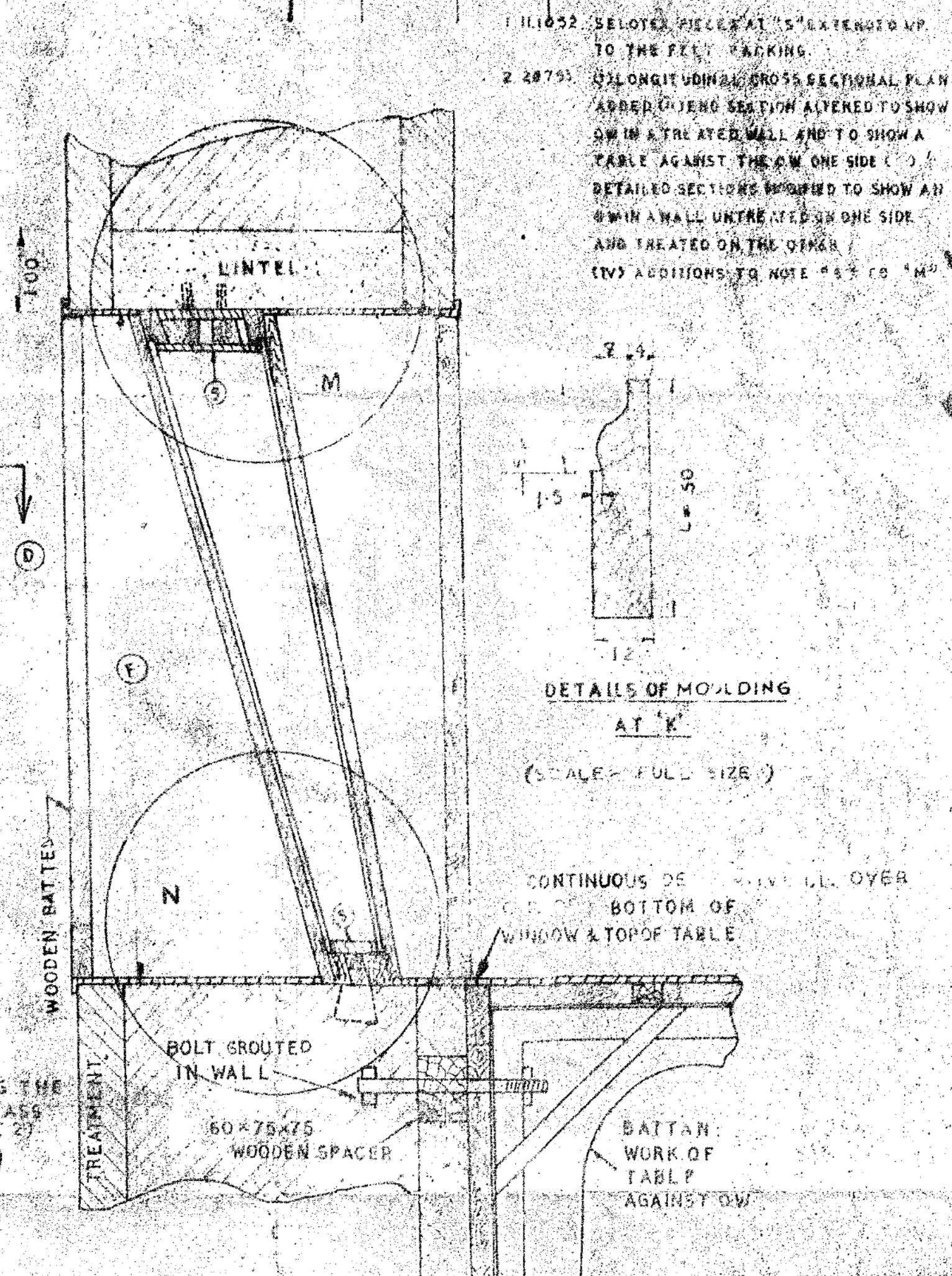
(INCLINATION ANGLES SHOWN HERE ARE
ILLUSTRATIVE ONLY)



ELEVATION
Scale - 1:6



LONGITUDINAL CROSS SECTIONAL PLAN AT C - C
SCALE: 1:6



END SECTIONAL ELEVATION ON A-B
WITH A TABLE AGAINST THE RIGHT HAND
SIDE OF THE OW & BOTH SIDE OF THE WALL
TREATED
SCALE - 1:6

NOTES:

1. THE SLOPES OF THE GLASSES ON EITHER SIDE OF THE OBSERVATION WINDOW SHOWN IN THIS DRAWING ARE ONLY TYPICAL THE SLOPES FOR EACH LOCATION WILL BE WORKED OUT AND INDICATED SEPARATELY.
2. THE SCREWS AND NAILS SHOWN MAY BE STAGGERED SUITABLY TO AVOID OVERLAPPING.
3. THE ARRANGEMENT SHOWN IN THIS DRAWING IS FOR A WALL THICKNESS OF 365. WHERE THE THICKNESS OF WALL IS GREATER OR SMALLER THE SPACING BETWEEN GLASSES WILL ALTER. THE IMPORTANT CONSIDERATION TO BE BORN IN MIND IS THAT THE TOP ARRANGEMENT ON ONE SIDE OF THE WALL SHOULD BE AS AT 'P' AND THE BOTTOM ARRANGEMENT ON THE OTHER SIDE OF THE WALL AS AT 'Q'. SEE ALSO NOTE 8.
4. THE DETAILS AT THE BOTTOM 'N' ARE DIFFERENT FROM THE DETAILS AT TOP 'M' DUE TO THE SMALL SPACE BETWEEN GLASSES AT THE BOTTOM WHERE THE SPACING WILL PERMIT IT, THE CONSTRUCTION AT THE BOTTOM ALSO SHOULD BE SIMILAR TO THAT AT THE TOP 'M' TO IMPROVE THE SOUND INSULATION, SEE ALSO NOTE (9).
5. THE MATERIAL AT THE TOP AND BOTTOM AND SIDES OF THE OBSERVATION WINDOW SHALL BE DECORATIVE LAMINATE OVER COMMERCIAL PLY. THE WOODEN BEADINGS ALL ROUND THE OPENING AND THE BEADINGS ON THE GLASS FRAME SHOULD BE POLISHED TO A LIGHT TEAK SHADE TO MATCH THE SKIRTING & WAINSCOT WOOD WORK.
6. IT IS IMPORTANT TO MAKE 'U' SHAPED SPONGE RUBBER FELT OR U-RUBBER CHANNEL PACKING ROUND GLASSES JUST TIGHT. IT SHOULD NOT BE TOO TIGHT AS THAT WILL LOWER THE INSULATION. WHERE FELT IS USED IT SHOULD BE WHITE SO AS TO MATCH INSULATION BOARD SHADE.
7. THE EXPOSED I.B. SURFACES AT 'S' ARE TO BE PAINTED IVORY WHITE.
8. THE SPACING MARKED 'X' AT 'P' AND 'Q' IS FROM THE EDGE OF THE ACTUAL WALL SURFACE AND NOT FROM THE EDGE OF THE TREATED SURFACE. THE ACTUAL VALUE SHALL BE AS PER PROJECT ORG.
9. THE WOODEN BATTEN 'W' IS IN TWO PIECES. THESE TWO BATTENS WILL REMAIN APART WITH AN AIR SPACE IN BETWEEN WHEN SPACE PERMITS. IF SPACE IS LIMITED THE TWO BATTENS WILL BE TOGETHER AS SHOWN IN DRAWING.
10. THE AIR SPACE AT 'U' WILL GO ON INCREASING AS THE SECTION C-C MOVES TOWARDS THE TOP & DECREASING AS THE SECTION MOVES TOWARDS THE BOTTOM OF THE OW.
11. WHEN THERE IS A TABLE AGAINST THE OW, THE LAMINATE COVERING ON THE SILL OF THE OW IS TO BE CONTINUOUS WITH THE TABLE TOP AND IS TO REMAIN UNPAINTED. THE REST OF THE THREE SIDES OF THE OW WILL BE IN ACCORDANCE WITH NOTE (5) ABOVE.
12. WHEN THE OBSERVATION WINDOW IS SET IN A WALL WHICH IS NOT TREATED ON EITHER SIDE, THERE SHOULD BE ONE L. OVER P. COVERING ON THE TOP, BOTTOM AND SIDES OF THE OW AND NO BEADINGS ON THE EDGES ON BOTH SIDES OF THE OW.
13. WHEN ONE SIDE ONLY OF THE WALL CONTAINING THE OW IS TREATED THEN THE RESPECTIVE SIDE OF THE OW WILL BE DEALT WITH AS IN NOTES 5 AND 12 ABOVE RESPECTIVELY.
14. FOR DETAILS OF THE TABLE SHOWN AGAINST THE OW SEE REF. V.P. 90 IS 'ORG'.
15. LENGTH (E) OF BEADING IS 50 WHEN THERE IS NO MASONRY ON THE SILL OF THE OW WHEN THERE IS MASONRY (C) SHOULD BE DECREASED BY THE THICKNESS OF MASONRY.
16. FOR AN OW OF SIZE 1525 X 840 LENGTH (E) = 1525 & HEIGHT (F) = 840
FOR AN OW OF SIZE 1830 X 915 LENGTH (E) = 1830 & HEIGHT (F) = 915
FOR AN OW OF SIZE 1065 X 610 LENGTH (E) = 1065 & HEIGHT (F) = 610
FOR AN OW OF SIZE 1220 X 760 LENGTH (E) = 1220 & HEIGHT (F) = 760
17. IN CASE 10MM THICK GLASS IS NOT AVAILABLE 5MM THICK GLASS MAY BE USED
18. ANGLE OF INCLINATION OF OW GLASSES ARE 'A' AND 'B' IN THIS DRAWING.

THE INCLINATION SHALL BE DECIDED IN INDIVIDUAL CASES.

IMPORTANT:-
FOR ANGLE OF INCLINATION OF OW GLASSES REFER TO INDIVIDUAL INCLINATION ORGS. AS THE INCLINATION ANGLES 'A' & 'B' SHOWN IN THIS GENERAL DRG ARE ILLUSTRATIVE ONLY AND HENCE NOT TO BE FOLLOWED.

DETAILS AT 'M' AND 'N'
SCALE - HALF SIZE.

RETRACTED NOTE 15 & 16 DELETED.
22172 NOTE NO 10 ADDED.
31365 RUBBER CHANNEL INCLUDED FOR PACKING ROUND THE GLASSES.
18257 NOTE NO 17 ADDED.
20934 NOTE NO 18 ADDED.
26236 NOTE NO 14 & 15 MODIFIED NOTE NO 14 ADDED.
VIEW SHOWING DETAILS AT 'M' MODIFIED TO INDICATE BEADING DETAILS FOR A TABLE AGAINST WALL DETAILS OF BEADING AT 'P' ADDED.

DATE	NAME	GENERAL
DRN 15.12.74	M.B. LALL	
END 25.12.74	KRISHNA MURTHY	
TRD 25.12.74	SHARMA	
COMP		
C.D.		
SCALE	AS SHOWN	
DATE	MODIFICATIONS	

ALL INDIA RADIO
PAD UNIT
NEW DELHI, INDIA

CONSTRUCTIONAL
DETAILS OF OW WITH
SLOPING GLASSES

APPROVED FOR
SG-10001