



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  
8<sup>th</sup> floor, Soochna Bhawan, CGO Complex, New Delhi-110003



सत्यम् शिवम् सुन्दरम्

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

**Dated: 07.01.2025**

**Subject:** Dismantling, providing, fabrication & fixing of acoustic treated false ceiling and wall paneling including wainscot of Talk Studio, Announcer Booth, FM Studios, Duty Room, Studio AC Plant Room, technical area & Corridor at Akashvani Lucknow (UP).

1. The budgetary quotation of the upcoming bid 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 scope 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](mailto: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,  
8<sup>th</sup> floor, CGO Complex,  
Soochna Bhawan, New Delhi-110003  
Mob No.: 09868539587  
e-mail id: [bcbelwal@prasarbharati.gov.in](mailto:bcbelwal@prasarbharati.gov.in)

**Budgetary Quotation for:** Dismantling, providing, fabrication & fixing of acoustic treated false ceiling and wall paneling including wainscot of Talk Studio, Announcer Booth, FM Studios, Duty Room, Studio AC Plant Room, technical area & Corridor at Akashvani Lucknow (UP).

**Due Date to budgetary offers & comments:** 17.01.2025

**Enclosed:**

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

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

भुवन चन्द्र बेलवाल  
सहायक निदेशक (अभि.)



AIR-Co/Lucknow/2V/3/2024-25/lnstt./(refurbishing of studios)

Dated: 07.01.2025

**Budgetary Quotation Form**

**Project:** Refurbishing of studios under the component face-lift of DD/AIR Channels under project mode at Akashvani Lucknow (UP).  
**Subject:** Dismantling, providing, fabrication & fixing of acoustic treated false ceiling and wall paneling including wainscot of Talk Studio, Announcer Booth, FM Studios, Duty Room, Studio AC Plant Room, technical area & Corridor at Akashvani Lucknow (UP).

Last date of receipt of budgetary quotation in this office: 17.01.2025 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 facing material of FM Studio, FM Duty Room, AC Plant Room & Corridor area, shifting & disposal of dismantled debris material from the outside of the office premises.	200 Sq.mtr		
2.	Providing, fabrication and fixing of false ceiling facing material in FM Studio, FM Duty Room, AC Plant Room & Corridor area at Akashvani Lucknow (UP) as per drawing SG=10150 and 10178/4 <b><u>Deiption of scope as per measurement taken at site:</u></b> 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 FM Studio, FM Duty Room, AC Plant Room & Corridor area at Akashvani Lucknow (UP)	200 Sq.mtr		
3.	Dismantling of old worn out wooden wall panelling facing material of Talk Studio, Announcer Booth & other technical area, shifting & disposal of dismantled debris material from the outside of the office premises.	120 Sq.mtr		
4.	Providing, fabrication and fixing of A & B type wooden walls paneling facing material including wainscot in Talk Studio, Announcer Booth & other technical area at Akashvani Lucknow (UP). <b><u>Description of scope as per measurement taken at site:</u></b>  <b><u>A-Type Wall Treatment Drawing no. SG 10178/4:</u></b> 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). <b>This includes all required jobs to be complete the scope mentioned in drawing.</b>  <b><u>B-Type Wall treatment Drawing no. SG 10178/4:</u></b> 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). <b>This includes all required jobs to be complete the scope mentioned in drawing.</b>	120 Sq.mtr		
5.	Providing, fabrication & fixing of cedar/teak wooden skirting (125mm x 13mm) in Studios at Akashvani Lucknow (UP)	70 R.mtr		
6.	Repair and fixing of observation windows at Akashvani Lucknow (UP) as per drawing no. SG-10001	08 Nos.		
7.	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, Corridor, Technical area at Akashvani Lucknow (UP). (Approx 1000 Sq Mtr) Complete in all respect in Studio premises at Akashvani Lucknow (UP)	01 Job		
8.	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 Lucknow (UP).	26 Nos.		
	<b><u>Important Note:- (Must read carefully)</u></b> ➤ Drawings are provided for guidance of bidder. ➤ Akashvani Lucknow 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.			
	<b>Total</b>			
	<b>GST@</b>			
	<b>Grand Total</b>			

- 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 not-withstanding 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, Announcer Booth, FM Studios, Duty Room, Studio AC Plant Room, technical area & Corridor including dismantling of A/T material of existing technical area as per BOQ at Akashvani Lucknow (UP).
  - Details standard drawings have been provided with tender for guidance of bidder. Tenderer 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 Lucknow (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 Lucknow (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 Lucknow (UP).
  - Inspection will be carried out preferably in presence of authorized representative of O/o ADG(E) (NZ), AIR & DD, 8th floor, Soochna 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 Lucknow (UP).
- 4) **Consignee:** Installation officer, Akashvani Lucknow (UP).
- 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), 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)



DATE/TIME	WHAT HAPPENED	WHO
1 JULY 99	NOTE NEW DETAILS	
2 JUL 99	FORM WORK FOR 4" TYPE BREATHING MODIFIED	
3 NOV 2000	DETAIL OF GYPSUM CORNER ADDED	
4 JUNE 04	FACING MATERIAL, CARPET AND ITS FIXING DETAIL ADDED	

SUBSCRIPT	DESCRIPTION OF ABSORBING MATERIAL	REMARKS
0	NO ABSORBING MATERIAL	
1	12mm TH. INSULATED 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	

SUBSCRIPT	DESCRIPTION OF FINISH MATERIAL	REMARKS
1	CEDAR FLY	
2	12.5mm TH. GYPSUM PRESSURE TILE	
3	12.5mm PL FULLY REINFORCATED GYPSUM TILE	
4	12.5mm TH. GLASS REINFORCED GYPSUM STRIPS 50mm WIDE, JOINTS 100mm BETWEEN JOINT STRIPS	
5	6mm TH. CARPET FIXED OVER 12mm TH. PARTICLE BOARD	
6	PLAIN GYPSUM BOARDS	
7	STRUCTURED GYPSUM BOARD	
8	12.5mm TH. GYPSUM GUT TILE	
9	6mm THICK CARPET - SUPPORTED WITH 6mm COMM. PL	

**EXAMPLE:-**

B11

Technical drawing of a square G.I. frame structure. The drawing includes the following annotations and dimensions:

- Top Annotation:** "HOLE FOR FIXING THE G.I. FRAME ON FASTNER/ WOODEN GUTTY"
- Left Dimension:** 600
- Bottom Dimension:** 600
- Bottom Annotation:** "G.I. SECTIONS DETAIL AT JOINT/REX"

Technical drawing of a mechanical part. The drawing shows a perspective view of a rectangular block with a smaller rectangular feature on its top surface. Dimensions are indicated: 'THICKNESS 20.5WG(0.8mm)' for the main block, '1.5' for the width of the smaller feature, and '0.5' for the thickness of the smaller feature. A dimension line indicates a length of '1.5' for the main block.

25x50mm TEAK WOOD RAFTER

Architectural cross-section drawing of a wall assembly. The drawing shows a vertical section of a wall with various materials and dimensions labeled. Key components include:

- 12mm PARTICLE BOARD** at the top.
- WIRE MESH** on the left side.
- 20x25mm SPLIT CLEAT 2mm MIN.** on the left side.
- 50x50mm G.I. U SECTION** on the left side.
- 12mm INSULATION BOARD (I.B.)** on the left side.
- 35mm AIR GAP** in the center.
- 10mm TH. GYPSUM BOARD TILE** on the right side.
- 10x10x10mm CEDAR TRIANGULAR COVE** on the right side.
- 25mm TH. CEDAR PLANK** on the right side.
- 6x3x20mm BUTTER** on the right side.
- 3mm TH. WHITE CEDAR PLY** on the right side.
- CEDAR SHIRTING** at the bottom right.
- MINERAL WOOL** on the left side.

Dimensions are indicated in millimeters (mm) and inches (in). A scale bar at the bottom right shows 10mm and 1/2 inch.

DETAIL OF GYPSUM CORNICE  
(SCALE: - 1/8)

12.5mm TH. GYPSUM PRESSURE TILE

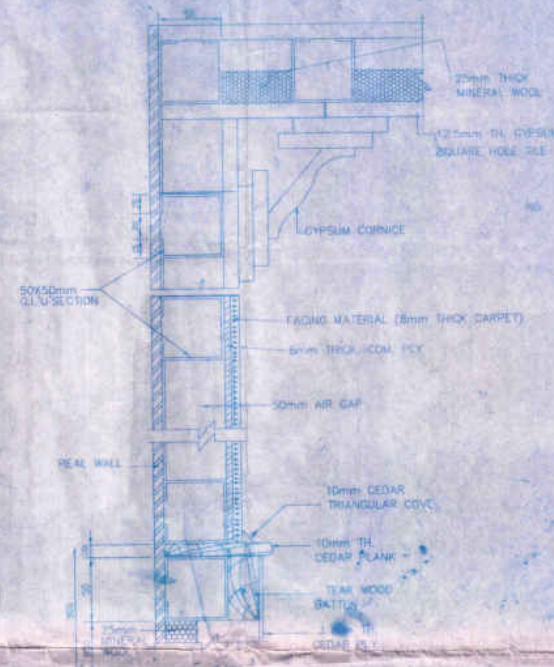
12mm TH. PARTICLE BOARD

INSULATION BOARD

COLLECTOR AS PER Dwg. No. SC-10156

16mm AIR GAP

(SCALE = 1-5)



## NOTES

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 THE PANELS.
3. FOR PANEL TYPE TREATMENT DRC NO. 102-10156 MAY BE FOLLOWED WHERE IN G.I. FRAME WORK FOR PANELS. IS SHOWN.
4. DRC NO. 102-10150 IS TO BE FOLLOWED FOR FRAME WORK OF FALSE CEILING.
5. 12mm TH. PARTICLE BOARD/20mm TH. BRICK PANEL OR SIMILAR MATERIAL IS TO BE FIXED ON THE BACK SIDE OF G.I. FRAME WORK PROVIDED FOR FALSE CEILING OR AS MENTIONED IN THE EXPLODED DETAIL DRC.
6. IN CASE OF GYPSUM STRIP TYPE FACING MATERIAL EXPLODED DETAIL DRC OF THIS PARTICULAR ROOM MAY BE REFERRED FOR THE TYPING PATTERN OF GYPSUM STRIP.
7. GLASS WOOL WHEREVER USED IS TO BE WRAPPED IN KORB OR TO BE TREATED WITH COPPER PENTAMINATE.
8. FOR GLASS REINFORCED GYPSUM STRIP TYPE TREATMENT STRUCTURED GLASS WOVEN FABRIC HANDED/STRENGTHENED CORDS MAY BE PARTED FIRST ON G.I. FRAME WORK AFTER THE GLASS REINFORCED GYPSUM STRIP IS LAYED. HOWEVER THE CORDS ARE TO BE PARTED AFTER THE STRIP IS DRYED OUT DETAIL DRC.
9. CHAFFER SHALL BE FIXED ON CONC. PLY WITH SUITABLE SCREWS AND SMALL RAILS.

DATE	TIME	<b>GENERAL</b>  <b>DESCRIPTION OF ABSORBING AND FACING MATERIALS</b>	<b>ALL INDIA RADIO</b> P. B. UNIT NEW DELHI - INDIA
POSTAL NO. & CITY			
NAME			
TO			
FROM			
CITY			
GROSS-WEIGHT SHOWN			
NO.	NO.		
REMARKS	REMARKS		NO. SG-10178/



1. CUT OUT THE 10x10 GRID

2. CUT OUT THE 10x10 GRID

CUT OUT THE 10x10 GRID

CUT OUT FOR BATHING

CUT OUT FOR BATHING

CUT OUT FOR BATHING

[illegible]

Technical drawing of a mechanical part, likely a shaft or rod, showing dimensions in millimeters (mm). The drawing includes a side view and a cross-sectional view.

**Dimensions:**

- Overall length: 100 mm
- Overall diameter: 25 mm
- Internal hole diameter: 10 mm
- Internal hole length: 40 mm
- Flange thickness: 10 mm
- Flange outer diameter: 30 mm
- Flange inner diameter: 25 mm
- Flange hole diameter: 10 mm
- Flange hole length: 10 mm

FRONT VIEW

HANGER

T (2)

FACED MATERIAL

20' FOR HANGER THE LIGHT  
 TYPING CONSIDERATION OF THE SET  
 20 PER THE 100% OF THE 100%

ALL  
BOUT  
NU

HEAD OF THE SCREW  
FIG. 11

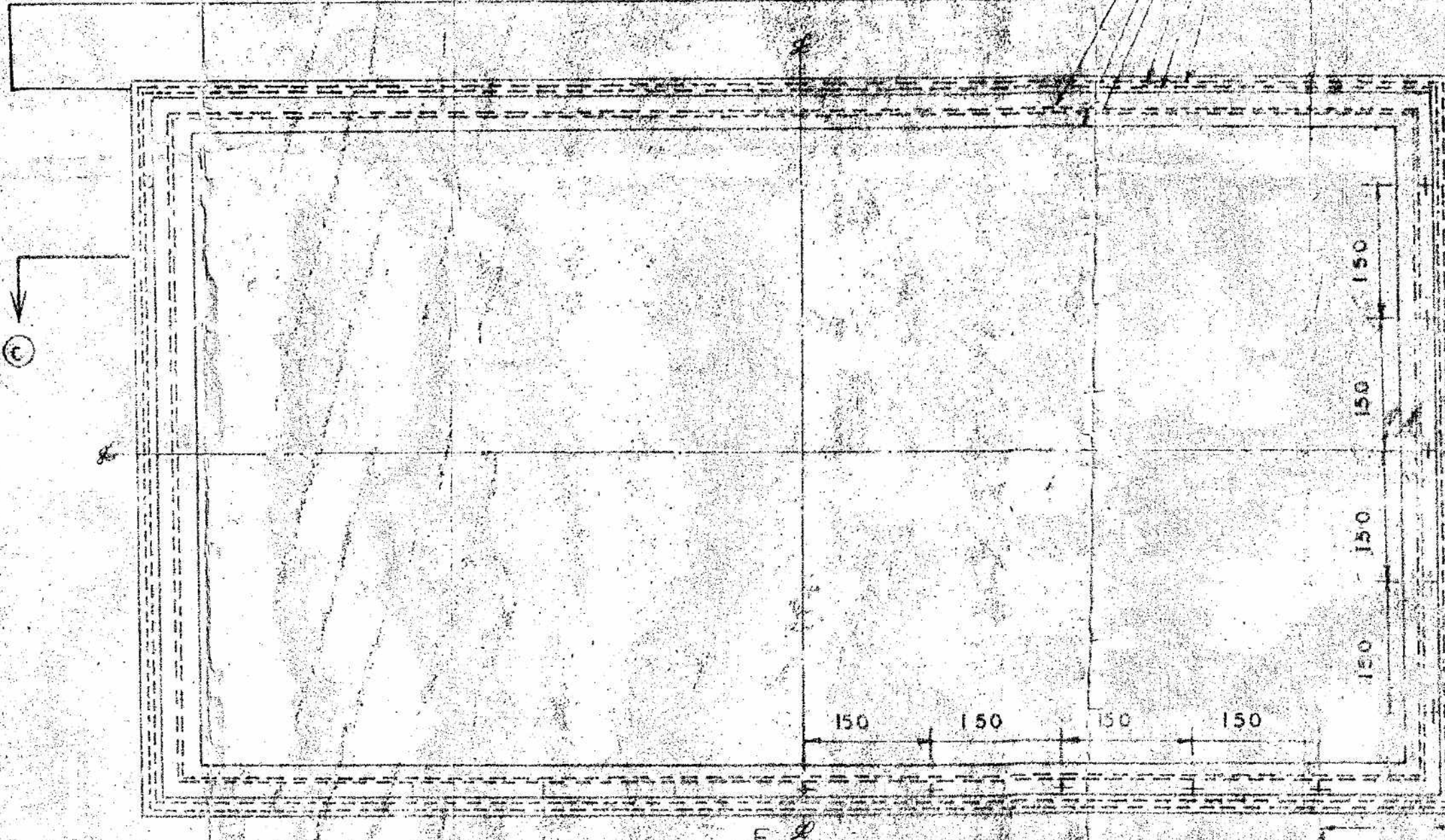
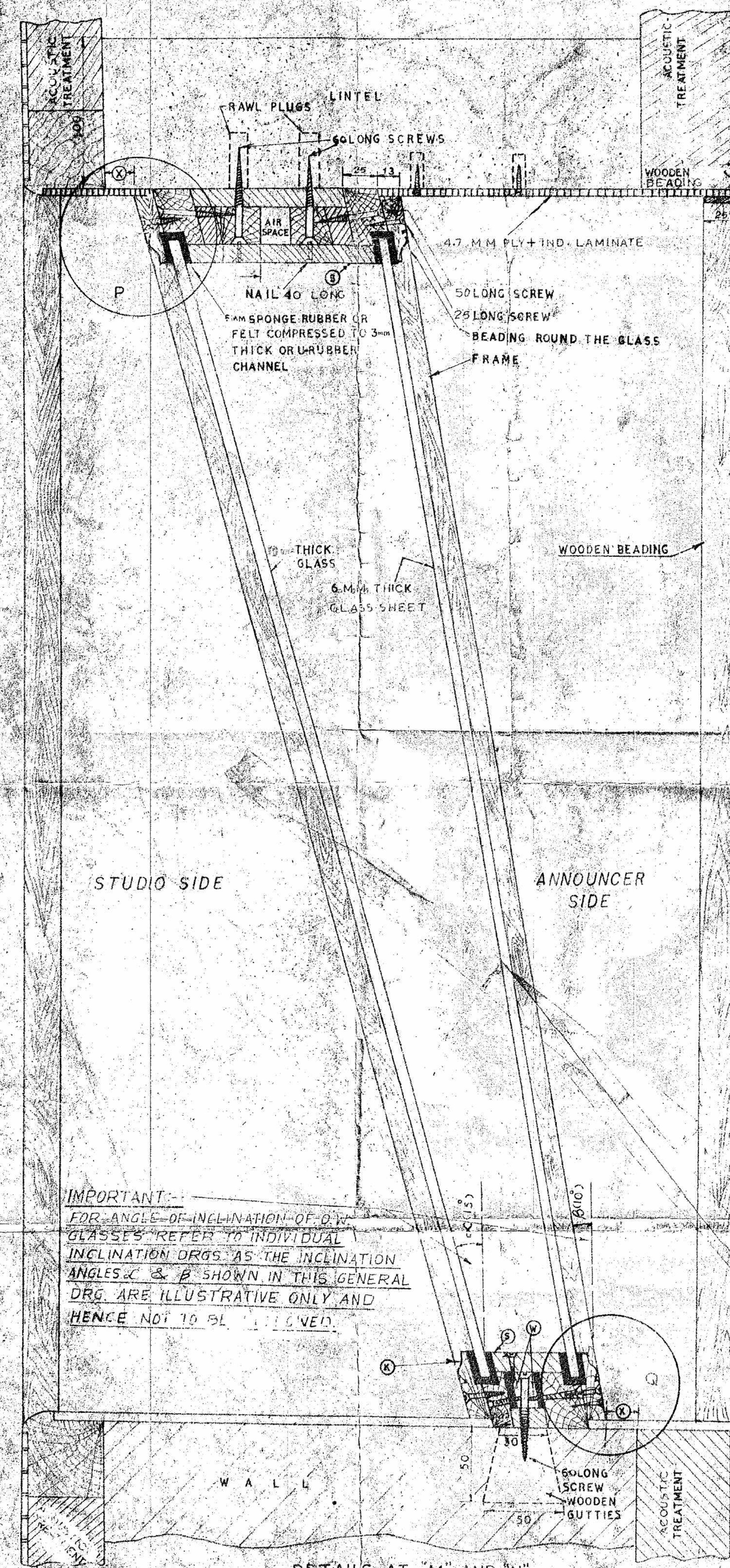
N. NO. DATE		BRIEF RECORD	INITIAL
1	12-19-54	TRUCK ON FIRE IN RD.	W. J. H.

- [illegible]

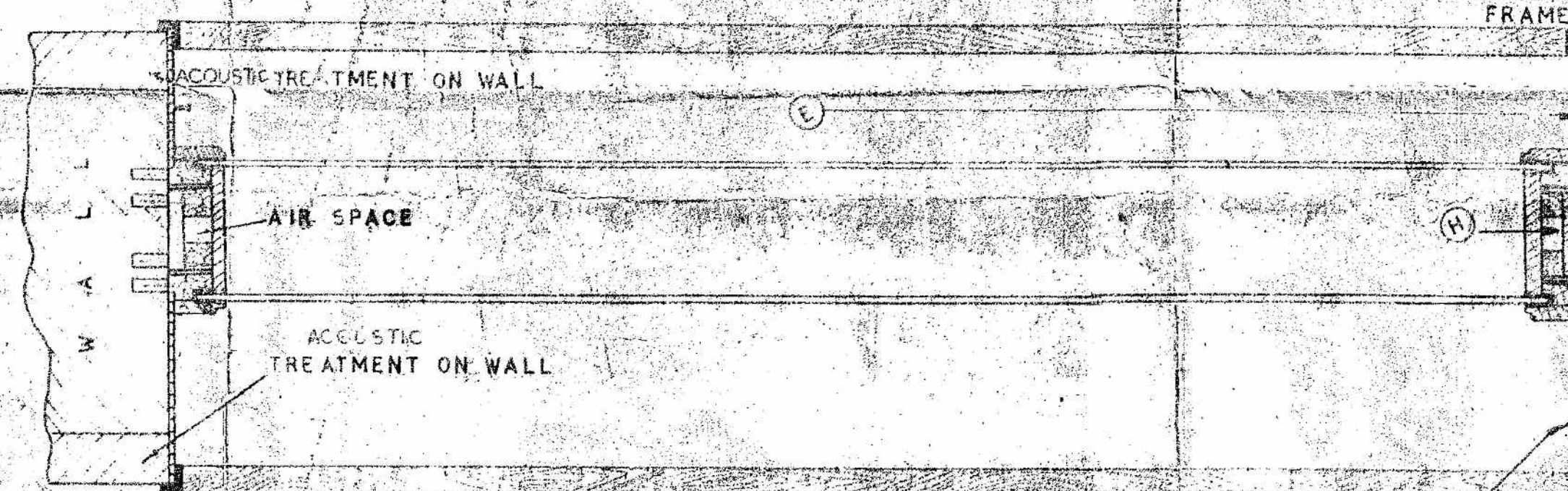


# CONSTRUCTIONAL DETAILS OF OBSERVATION WINDOW WITH SLOPING GLASSES (WITHOUT BREATHER)

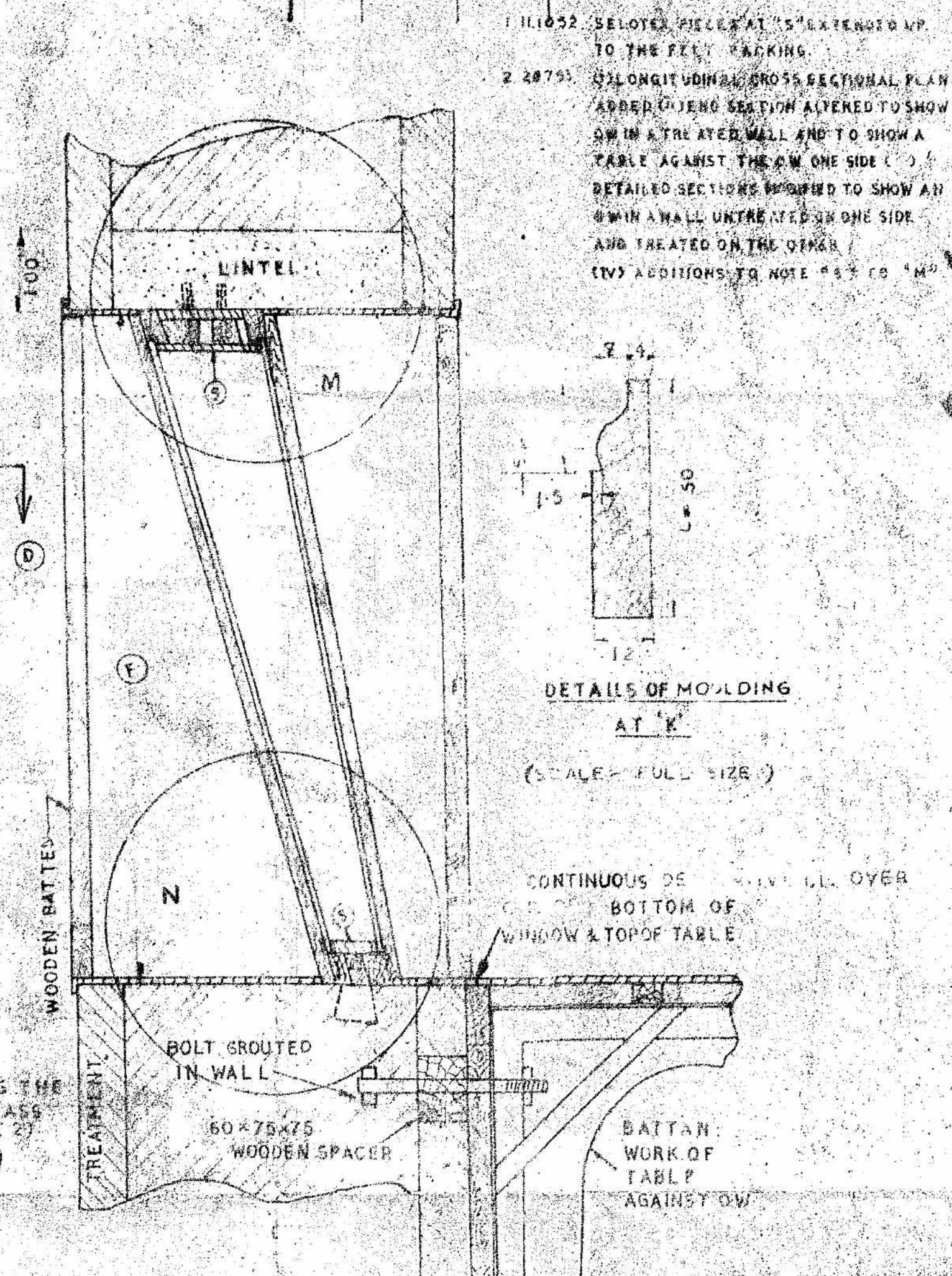
(INCLINATION ANGLES SHOWN HERE ARE  
ILLUSTRATIVE ONLY)



ELEVATION  
Scale - 1:6



LONGITUDINAL CROSS SECTIONAL PLAN AT C - D  
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

1. 111052. SELETED PIER AT 5" EXTEND MAP  
TO THE FEET "ACKING"  
2. 48793. 1/2" LONGITUDINAL CROSS SECTIONAL PLAN  
ADDED. CHENG SECTION ALIGNED TO SHOW  
SW IN A TREATED WALL AND TO SHOW A  
TABLE AGAINST THE OW ONE SIDE (C)  
DETAILED SECTIONS REQUIRED TO SHOW AN  
OW IN A WALL UNTREATED ON ONE SIDE  
AND TREATED ON THE OTHER  
(IV) ADDITIONS TO NOTE 111052 TO "H"

DETAILS OF MOULDING  
AT "K"  
(SCALE: FULL SIZE)

CONTINUOUS DE  
BOTTOM OF  
WINDOW & TOP OF TABLE

BATTEN  
WORK OF  
TABLE  
AGAINST OW

## 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 INTIMATED 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-D 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 L.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. 111052 "RG".
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 "C" 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 DRGS. AS THE INCLINATION  
ANGLES "C" & "B" SHOWN IN THIS GENERAL  
DRG. ARE ILLUSTRATIVE ONLY AND  
HENCE NOT TO BE FOLLOWED.

DETAILS AT "M" AND "N"  
SCALE: HALF SIZE

6. 22172. RETRACED. NOTE 15 & 16 DELETED.  
7. 22172. NOTE NO 10. ADDED.  
8. 31365. RUBBER CHANNEL INCLUDED FOR  
PACKING ROUND THE GLASSES.  
9. 18257. NOTE NO 17. ADDED.  
10. 20934. NOTE NO 18. ADDED.  
11. 26270. NOTE NO 19 & 20. MODIFIED NOTE 19. ADDED.  
VIEW SHOWING DETAILS AT "M" MODIFIED TO  
INDICATE BEADING DETAILS FOR A TABLE  
TREATED WALL DETAILS OF BEADING AT  
"P" ADDED.

(DIMENSIONS ARE IN MM.)

DATE	NAME	REVISION
01/11/52	M.B. LALL	1
01/11/52	M.B. LALL	2
01/11/52	M.B. LALL	3
01/11/52	M.B. LALL	4
01/11/52	M.B. LALL	5
01/11/52	M.B. LALL	6
01/11/52	M.B. LALL	7
01/11/52	M.B. LALL	8
01/11/52	M.B. LALL	9
01/11/52	M.B. LALL	10
01/11/52	M.B. LALL	11
01/11/52	M.B. LALL	12
01/11/52	M.B. LALL	13
01/11/52	M.B. LALL	14
01/11/52	M.B. LALL	15
01/11/52	M.B. LALL	16
01/11/52	M.B. LALL	17
01/11/52	M.B. LALL	18
01/11/52	M.B. LALL	19
01/11/52	M.B. LALL	20
01/11/52	M.B. LALL	21
01/11/52	M.B. LALL	22
01/11/52	M.B. LALL	23
01/11/52	M.B. LALL	24
01/11/52	M.B. LALL	25
01/11/52	M.B. LALL	26
01/11/52	M.B. LALL	27
01/11/52	M.B. LALL	28
01/11/52	M.B. LALL	29
01/11/52	M.B. LALL	30
01/11/52	M.B. LALL	31
01/11/52	M.B. LALL	32
01/11/52	M.B. LALL	33
01/11/52	M.B. LALL	34
01/11/52	M.B. LALL	35
01/11/52	M.B. LALL	36
01/11/52	M.B. LALL	37
01/11/52	M.B. LALL	38
01/11/52	M.B. LALL	39
01/11/52	M.B. LALL	40
01/11/52	M.B. LALL	41
01/11/52	M.B. LALL	42
01/11/52	M.B. LALL	43
01/11/52	M.B. LALL	44
01/11/52	M.B. LALL	45
01/11/52	M.B. LALL	46
01/11/52	M.B. LALL	47
01/11/52	M.B. LALL	48
01/11/52	M.B. LALL	49
01/11/52	M.B. LALL	50

ALL INDIA RADIO  
P.A. UNIT  
NEW DELHI, INDIA

CONSTRUCTIONAL  
DETAILS OF OW WITH  
SLOPING GLASSES

APPROVED: M.B. LALL  
SG-10001