



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
Akashwani & Doordarshan
आठवां तल, सूचना भवन, सी.जी.ओ. कॉम्प्लेक्स, नई दिल्ली 110003
8th floor, Soochna Bhawan, CGO Complex, New Delhi-110003



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

Dated: 10.12.2024

Subject: Dismantling, providing, fabrication & fixing of acoustic treated false ceiling and wall paneling including wainscot of Talk Studio, Control room, Playback Studio & Corridor at Akashvani Gorakhpur (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 rksrivastav@prasarbharati.gov.in or at following address.

R.K Srivastav
Assistant Director (Engg.)
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O/o ADG (E)(NZ)
Akashvani & Doordarshan,
8th floor, CGO Complex,
Soochna Bhawan, New Delhi-110003
Mobile No.: 9873364977
e-mail id: rksrivastav@prasarbharati.gov.in

Budgetary Quotation for: Dismantling, providing, fabrication & fixing of acoustic treated false ceiling and wall paneling including wainscot of Talk Studio, Control room, Playback Studio & Corridor at Akashvani Gorakhpur (UP).

Due Date to offer Comments: 24.12.2024

Enclosed:

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

रवीन्द्र कुमार श्रीवास्तव / Ravinder Kumar Srivastav
सहा. निदेशक (अभि.) / Asstt. Director (Engg)

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



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

Dated:10.12.2024

Budgetary Quotation Form

Project: Refurbishing of studios under the component face-lift of DD/AIR Channels under project mode at Akashvani Gorakhpur (UP).
Subject: Dismantling, providing, fabrication & fixing of acoustic treated false ceiling and wall paneling including wainscot of Talk Studio, Control room, Playback Studio & Corridor at Akashvani Gorakhpur (UP).

Last date of receipt of budgetary quotation in this office: 24.12.2024 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 acoustic treated false ceiling facing material of Talk Studio, Control room, Playback Studio & Corridor area, shifting & disposal of dismantled debris material from the outside of the office premises.	253 Sq.mtr		
2.	Providing, fabrication and fixing of acoustic treatment false ceiling facing material in Talk Studio, Control room, Playback Studio & Corridor area at Akashvani Gorakhpur (UP) as per drawing SG=10150 and 10178/4 <u>Deiption of scope as per measurement taken at site:</u> 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, Control room, Playback Studio & Corridor area at Akashvani Gorakhpur (UP)	253 Sq.mtr		
3.	Dismantling of old worn out wooden acoustic treated wall panelling facing material of Talk Studio, Control room, Playback Studio & Corridor area, shifting & disposal of dismantled debris material from the outside of the office premises.	242 Sq.mtr		
4.	Providing, fabrication and fixing of A & B type wooden walls paneling facing material including wainscot in Talk Studio, Control room, Playback Studio & Corridor area at Akashvani Gorakhpur (UP). <u>Description of scope as per measurement taken at site:</u> <u>A-Type Wall Treatment Drawing no. SG 10178/4:</u> 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. <u>B-Type Wall treatment Drawing no. SG 10178/4:</u> 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.	242 Sq.mtr		
5.	Providing, fabrication & fixing of cedar/teak wooden skirting (125mm x 13mm) in Talk Studio, Control room, Playback Studio & Corridor area at Akashvani Gorakhpur (UP)	203 R.mtr		
6.	Providing, fabrication and fixing of observation window in play back studio at Akashvani Gorakhpur (UP) as per drawing no. SG-10001	01 Nos.		
7.	Repair and fixing the sound proof doors & chowkhat frame including commercial ply, industrial lamination sheet and facing material with polish of Talk Studio, Control room, Playback Studio & Corridor area at Akashvani Gorakhpur (UP) <u>Description for repairing of sound proof doors as per measurement taken at site:</u> a) Dismantling of existing fixed sound proof doors. b) Providing of commercial ply, lamination sheet including repair of existing door frame after removing of damaged existing ply (if required). c) Providing, fabrication and fixing of sound proof doors glass wool. d) Providing & fixing of brass/steel door hinges (if required). e) Providing, fabricating & fixing of ISI marked magnetic seal (if required). f) Repairing & fixing of observation window on sound proof doors along with frame & 5mm thickness of glass (if required). g) Final Touch up on sound proof doors for smooth operation.	10 Nos.		
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 technical area in Control room, Music Studio, Talk Studio & Corridor area at Akashvani Gorakhpur (UP).	39 Nos.		
	<u>Important Note:- (Must read carefully)</u> ➤ Drawings are provided for guidance of bidder. ➤ Akashvani Gorakhpur is a running station of AIR and studios and other Technical rooms 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. ➤ 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 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 wall paneling including wainscot and acoustic treated false ceiling of Talk Studio, Control room, Playback Studio & Corridor including dismantling of A/T material of existing technical area as per BOQ at Akashvani Gorakhpur (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 Gorakhpur (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 Gorakhpur (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 Gorakhpur (UP).
- Inspection will be carried out preferably in presence of authorized representative of O/o ADG (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 Gorakhpur (UP).
- 4) **Consignee:** Installation officer, Akashvani Gorakhpur (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)

DESCRIPTION OF ABSORBING AND FACING MATERIALS

ABSORBING MATERIAL (TABLE-1)

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	

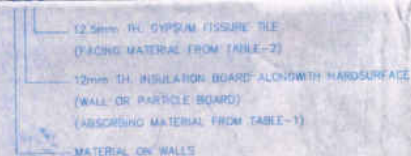
FACING MATERIAL (TABLE-2)

SUBSCRIPT	DESCRIPTION OF FACING MATERIAL	REMARKS
1	CEILING PLY	
2	12.5mm TH. GYPSUM PESSURE TILE	
3	12.5mm TH. FULL PERFORATED GYPSUM TILE	
4	12.5mm TH. GLASS REINFORCED GYPSUM STRIPS 50mm WIDE 100mm GAP BETWEEN TWO STRIPS	
5	8mm TH. CARPET FIXED OVER 12mm TH. PARTICLE BOARD	
6	PLAIN GYPSUM BOARD	
7	SCULPTURED GYPSUM BOARD	
8	12.5mm TH. GYPSUM SUT TILE	
9	8mm THICK CARPET SUPPORTED WITH 5mm COMM. PLY	

A — MATERIAL TO BE FIXED ON WAINSCOT
B — MATERIAL TO BE FIXED ON WALLS
C — MATERIAL TO BE FIXED ON CEILING

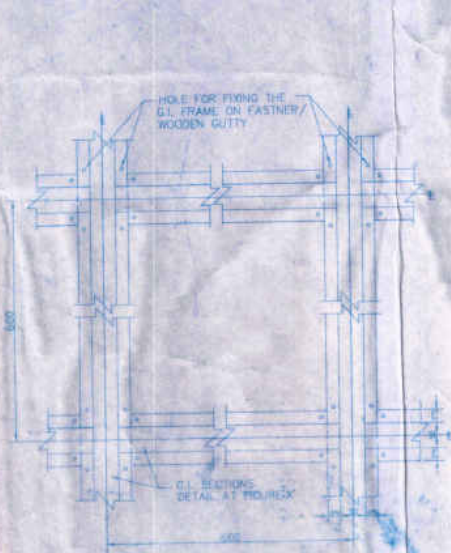
EXAMPLE:—

B11



FIRST SUBSCRIPT STANDS FOR ABSORBING MATERIAL
SECOND SUBSCRIPT STANDS FOR FACING MATERIAL

RG.NO. SG-10178/4



FRAME WORK FOR CONTINUOUS TREATMENT ON WALLS



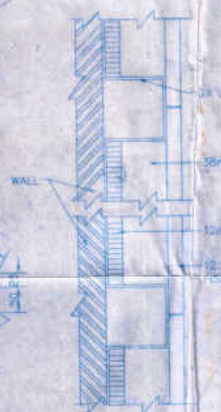
FRAME FOR 'B' TYPE TREATMENT (FIG. -X')

(SCALE - 1:1.5)



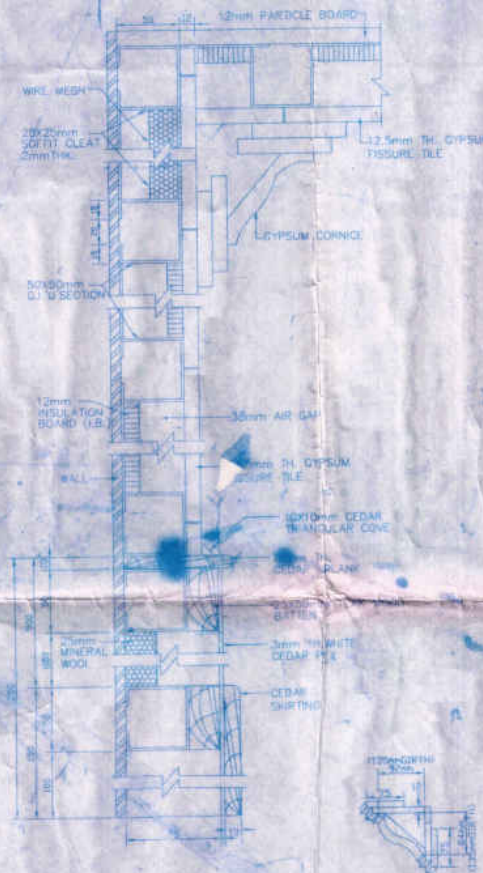
DETAIL OF FRAME FOR 'A' TYPE TREATMENT

(SCALE - 1:1.5)



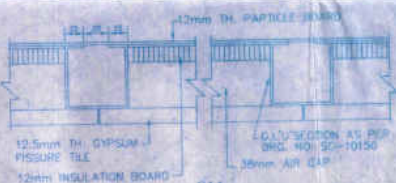
TREATMENT ON WALL

(SCALE - 1:1.2)



TREATMENT ON WALL

(SCALE - 1:1.2)



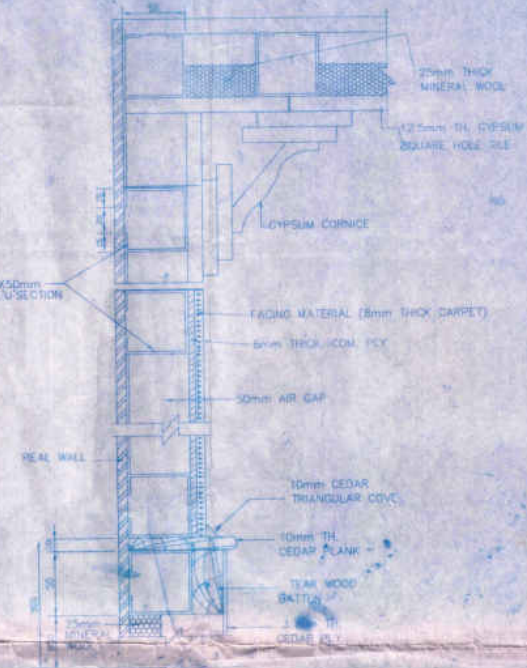
TREATMENT ON CEILING

(SCALE - 1:1.2)

DETAIL OF GYPSUM CORNICE

(SCALE - 1:1.5)

FIXING ARRANGEMENT OF CARPET ON WALL



NOTES:—

- THE DRG. SHOWS THE DETAIL OF ABSORBING AND FACING MATERIALS. OCCASIONALLY USED IN AIR.
- FOR CONTINUOUS TREATMENT ON WALLS A TYPICAL 'B' TYPE WORK HAS ALSO BEEN SHOWN IN THIS DRG. HOWEVER SPACING BETWEEN THE G.I. SECTIONS MAY BE CHANGED ACCORDING TO THE SIZE OF FACING MATERIAL.
- FOR PANEL TYPE TREATMENT DRG. NO. SG-10155 MAY BE FOLLOWED WHERE IN G.I. FRAME WORK FOR PANELS IS SHOWN. DRG. NO. SG-10150 IS TO BE FOLLOWED FOR FRAME WORK OF FALSE CEILING.
- 12mm TH. PARTICLE BOARD/25mm TH. INSOL. PANEL OR SIMILAR MATERIAL IS TO BE FIXED OVER THE BACK SIDE OF G.I. FRAME WORK PROVIDED FOR FALSE CEILING OR AS MENTIONED IN THE OPENED OUT DETAIL DRG.
- IN CASE OF GYPSUM STRIP TYPE FACING MATERIAL OPENED OUT DETAIL DRG. OF THIS PARTICULAR ROOM MAY BE REFERRED FOR THE FIXING PATTERN OF GYPSUM STRIPS.
- GLASS WOOL WHEREVER IS USED TO BE WRAPPED IN KORA CLOTH TREATED WITH COPPER NEPHTHATE.
- FOR GLASS WOOL SHOULD BE WRAPPED WITH KORA CLOTH STRETCHED GLASS WOVEN REINFORCED PAPER/SPREADER CLOTH IS TO BE PASTED FIRST ON G.I. FRAME WORK AFTER THE GLASS REINFORCED GYPSUM STRIPS SHOULD BE FIXED ACCORDING TO THE PATTERN SHOWN IN THE OPENED OUT DETAIL DRG.
- CARPET SHALL BE FIXED ON COMM. PLY WITH SUITABLE ADHESIVE AND SMALL NAILS.

DATE	BY	CHKD	APPD
10/11/78	SG-10178/4		
GENERAL			
DESCRIPTION OF ABSORBING AND FACING MATERIALS			
NO.SG-10178/4			

1. (2011) 1st Ed. (1st Ed.) 1st Ed. (1st Ed.)
1st Ed. (1st Ed.)

CUT OUT THE SHIELDING

CUT OUT FOR SHIELDING

1. (2011) 1st Ed. (1st Ed.)

[illegible]

Technical drawing of a mechanical part. The drawing includes a side view and a cross-section view. The side view shows a rectangular part with a central hole. Dimensions are given in millimeters (mm): total length 100, hole diameter 20, hole length 40, and a small feature with a diameter of 10 and a length of 10. The cross-section view shows a trapezoidal profile with a top width of 20, a bottom width of 10, and a height of 10. The part is labeled with '100', '20', '40', '10', and '10'.

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

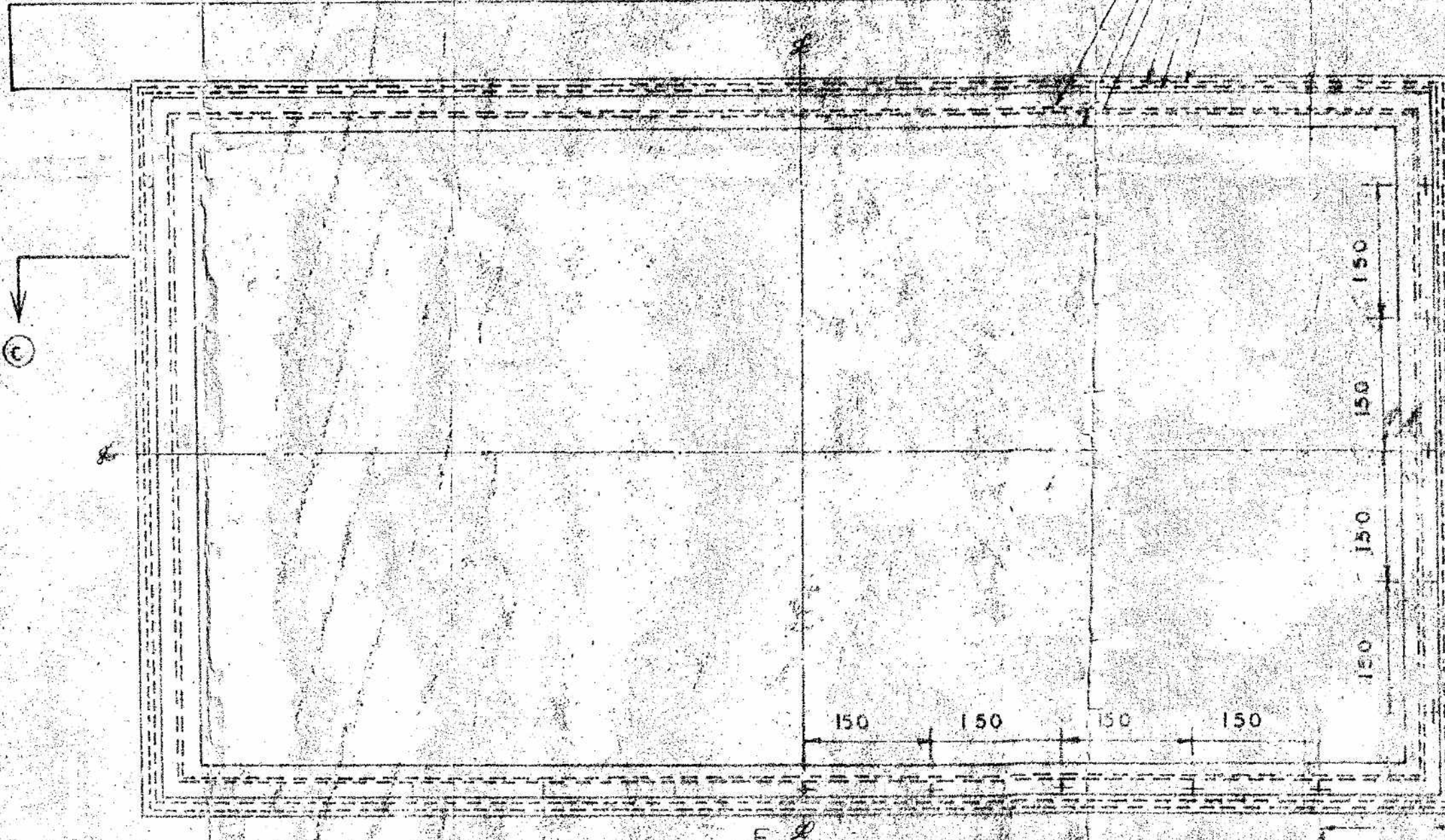
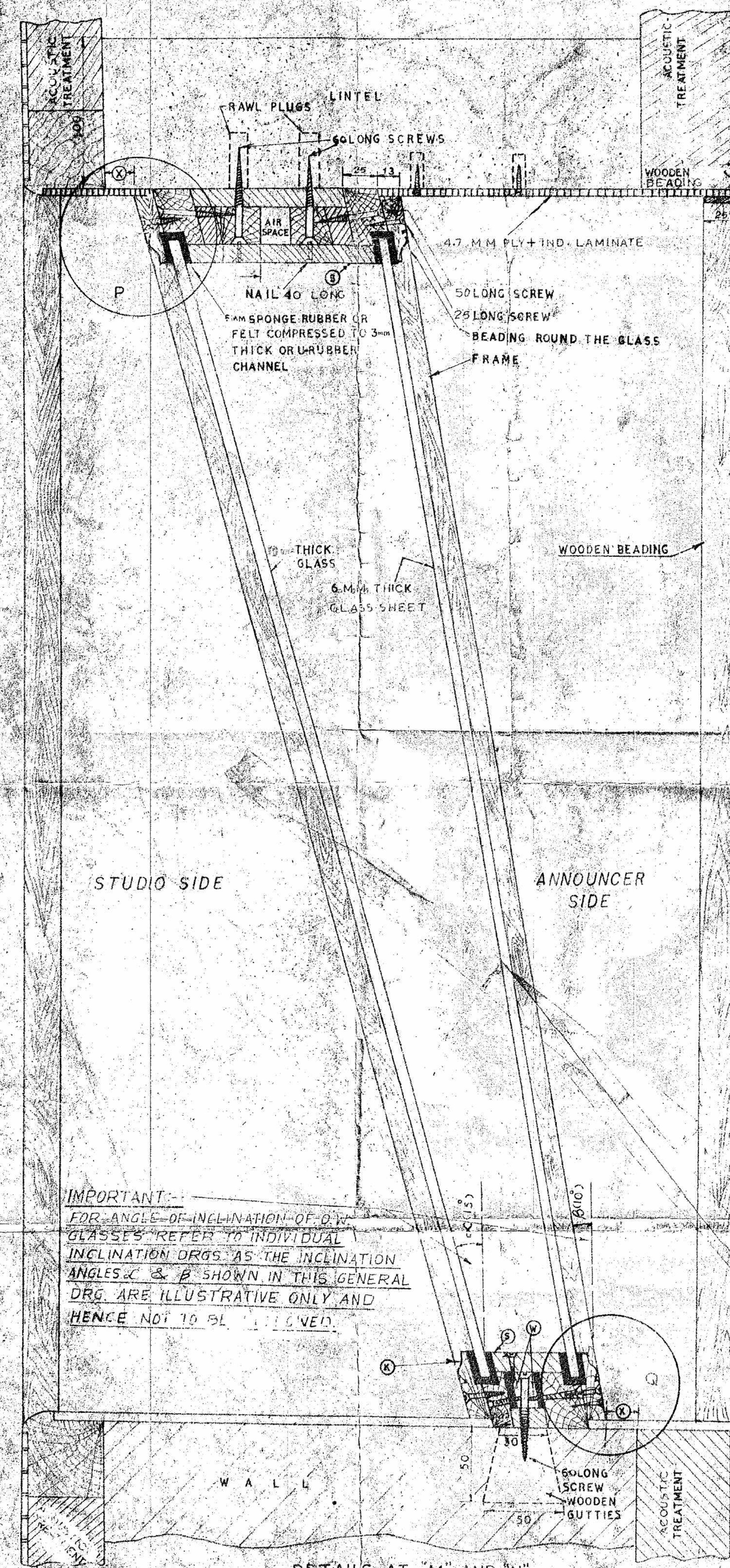
1
BOLT
5
NUT

SOFFIT CLEAT
FIG. 'C'

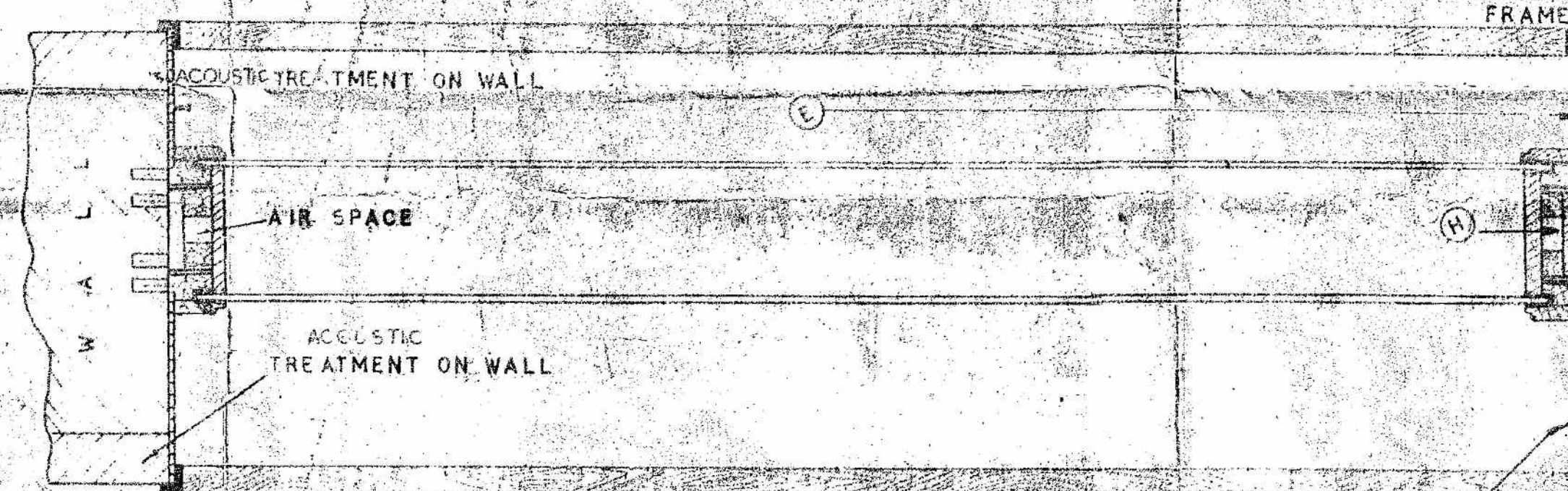
[illegible]

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

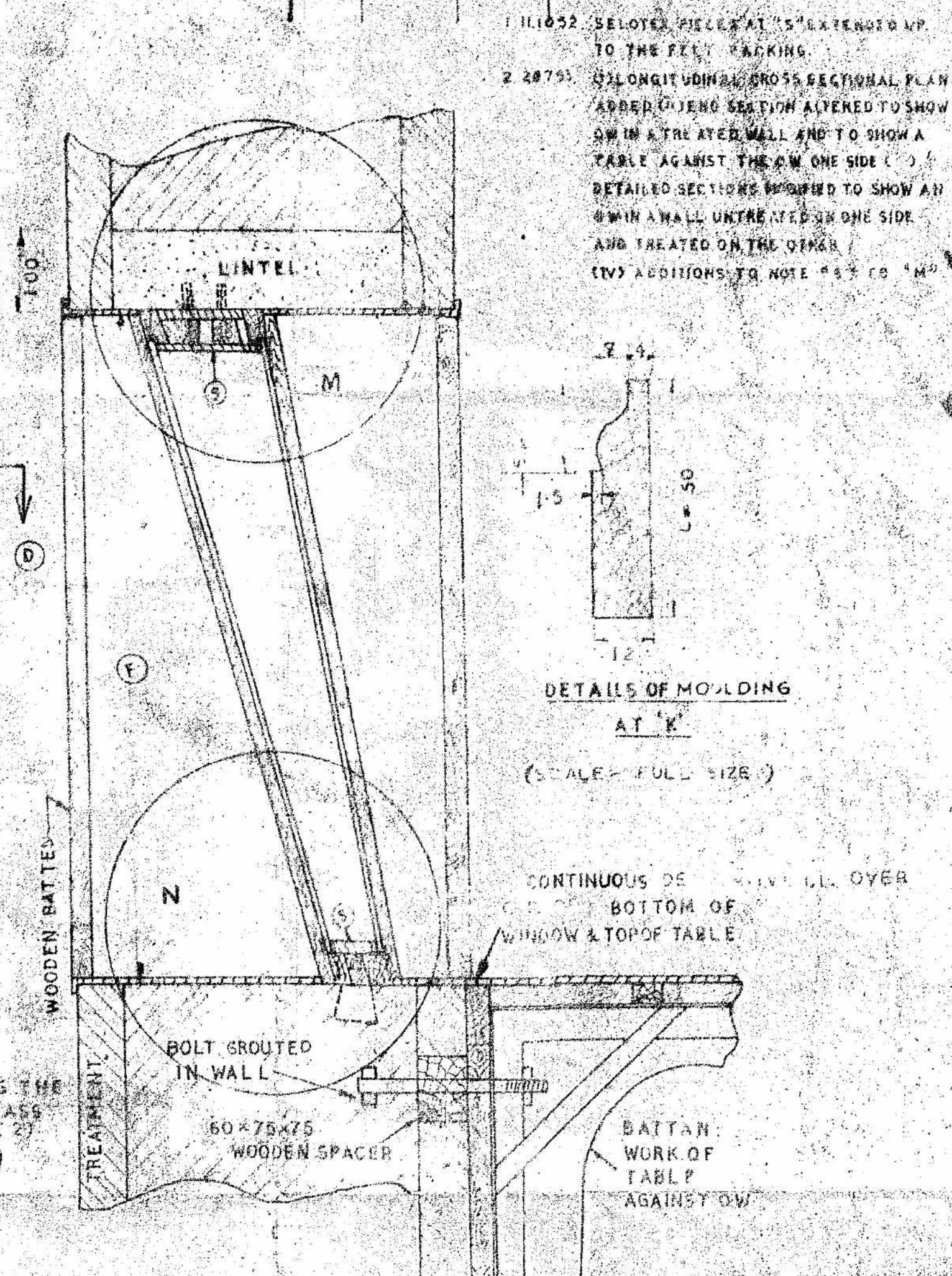
(INCLINATION ANGLES SHOWN HERE ARE
ILLUSTRATIVE ONLY)



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 DELETED PILE AT 5" EXTEND MAP
TO THE FEET "P" RACKING
2. 48791: 1/2" LONGITUDINAL CROSS SECTIONAL PLAN
ADDED (JENG SECTION) ALIGNED TO SHOW
SW IN A TREATED WALL AND TO SHOW A
TABLE AGAINST THE OW ONE SIDE (J)
DETAILED SECTIONS REQUIRED TO SHOW AN
OW IN A WALL UNTREATED ON ONE SIDE
AND TREATED ON THE OTHER
(IV) ADDITIONS TO NOTE 13 TO "M"

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. 10.15 "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

9. 06720 RETRACTED. NOTE 15 & 16 DELETED.
7. 22172 NOTE NO 10. ADDED.
6. 31365 RUBBER CHANNEL INCLUDED FOR
PACKING ROUND THE GLASSES.
5. 18257 NOTE NO 17 ADDED.
4. 20934 NOTE NO 18 ADDED.
3. 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

DATE	NAME	REVISION
01/01/2010	M.B. LALL	1
01/01/2010	M.B. LALL	2
01/01/2010	M.B. LALL	3
01/01/2010	M.B. LALL	4
01/01/2010	M.B. LALL	5
01/01/2010	M.B. LALL	6
01/01/2010	M.B. LALL	7
01/01/2010	M.B. LALL	8
01/01/2010	M.B. LALL	9
01/01/2010	M.B. LALL	10
01/01/2010	M.B. LALL	11
01/01/2010	M.B. LALL	12
01/01/2010	M.B. LALL	13
01/01/2010	M.B. LALL	14
01/01/2010	M.B. LALL	15
01/01/2010	M.B. LALL	16
01/01/2010	M.B. LALL	17
01/01/2010	M.B. LALL	18
01/01/2010	M.B. LALL	19
01/01/2010	M.B. LALL	20

DATE	NAME	REVISION
01/01/2010	M.B. LALL	1
01/01/2010	M.B. LALL	2
01/01/2010	M.B. LALL	3
01/01/2010	M.B. LALL	4
01/01/2010	M.B. LALL	5
01/01/2010	M.B. LALL	6
01/01/2010	M.B. LALL	7
01/01/2010	M.B. LALL	8
01/01/2010	M.B. LALL	9
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OPENED OUT DETAILS OF P.B.STUDIO .RECORDING ROOM & SOUND LOCK.



FINISHES

SYMBOLS/LEGENDS/CONSTRUCTION DRAWINGS.

ACOUSTIC TREATMENT (SHOWN IN CIRCLED NUMBER)INSTRUCTIONS[illegible]

LEGEND:

PERFORATED HARD BOARD FACING.
TEAK PLY FACING.
TRISTING.

ACOUSTIC DATA

		FREQUENCY					
		125	250	500	1K	2K	4K
TALKS	OPTIMUM	4	4	4	4	4	4
	CALCULATED						
	MEASURED						
ANN/R	OPTIMUM	35	55	75	54	100	150
	CALCULATED						
	MEASURED						

FINISHES:-

NO.	MATERIAL	FINISH
1	PERFORATED HARD BOARD FACER.	FLAT OIL PAINT VERY SHADE
2	MOSAIC TILES (MINIMUM 2" x 2")	—NIL
3	TEAR PL. FACING	FRENCH FOLDS TEAK SHADE
4	TEAK WOOD MOULDINGS	" "
5	TEAK WOOD SHT MR	" "
6	S.P. DOORS BOTH SIDES	DECORATIVE LINHATIC. TEAK GRAIN
7	SAKE WALL	OIL BURNING DISTINTIVE-IVORY SHADE
8		
9		

LEGEND:-

[illegible]

ACOUSTIC TREATMENT (INDICATED IN CIRCLE NO. 9)

DETAILS		KCP. QRG.
(1)	WAINSCOT CONSISTING OF 1/8" OAK TRIMPLY + 1" AIRHAF + 1" GLASS WOOL ON 3/4" X 2" BATTEN WORK WITH C'S 80 DRINKING	SA- 6235
(2)	NO. 1 FIBERGLASS BOARD BATTEN 1" GLASS WOOL ON 3/4" X 2" BATTEN WORK.	-- DO --
(3)	-- DO -- + 1/2" AIRHAF + 1/2" INSULATION BOARD ON 3/4" X 2" BATTENWORK	-- DO --
(4)	-- DO -- + 1/2" INSULATION BOARD + 1/2" AIR IN 2 1/2" AIR SPACING	-- DO --
(5)	SAME AS (4) WITH BACKING OF 7/16" HARD DOAK.	-- DO --
(6)	()	-- DO --
(7)	(2) AND (4) ALTERNATIVE	-- DO --
(8)	(7) + (3)	-- DO --
(9)	3/4" HAF. CT TO WAINSCOT 1/2" TRIMPLY UP TO EXISTING 3/8" X 2" BATTEN WORK	-- DO --

RE-TRACED ON CLOTH ON 24-12-1975

[illegible]