

'R' CLASS ICEBREAKER

JOINER AND INSULATION DETAILS HULLS 221/2

GENERAL NOTES

FOR GENERAL ARRANGEMENT OF INSULATION, SEE INSULATION PLAN, DWG. # 221-H-80 SHEET 1 AND 2.

△ ALL INSULATION IS ATTACHED BY WELDED-ON TYPE NELSON STUDS, THE STUDS ARE TO BE FASTENED PRIOR TO PAINTING.,
INSULATION APPLIED TO THE SHELL PLATING TO BE CEMENTED WITH SPOT APPLICATION OF 230-34 FLINTKOTE ADHESIVE, AND

△ FASTENED WITH WELDED ON TYPE NELSON STUDS.

ALL JOINTS IN THE INSULATION VAPOUR BARRIER TO BE TAPED.

FOR LOCATION OF LININGS AND DIVISIONAL JOINER BULKHEADS, SEE GENERAL ARRANGEMENT OF LININGS, DWG. # 221-H-81 SHEET 1 AND 2

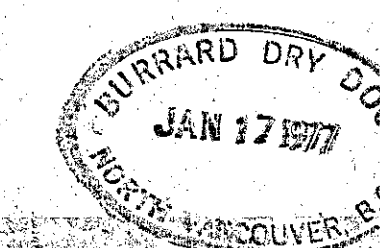
FOR GENERAL ARRANGEMENT OF DECK COVERING SEE DWG. # 221-H-79 SHEET 1 AND 2

△ ALL STEELWORK CONCEALED BY INSULATION TO BE GIVEN TWO COATS OF I-GP-48A WITH THE EXCEPTION OF COMMUNAL WASHROOMS GALLEY
LAUNDRY, REFRIG. COMP'S HATCH COVERS AND EXPOSED INSULATION WHICH ARE TO BE COATED WITH INTERTAR AS STATED IN THE PAINTING SCHEDULE DWG. 221-H-85 REV 1

DEPARTMENT OF SUPPLY AND SERVICES
PROVISIONALLY APPROVED
DATE 10/2/77
TECHNICAL SERVICES DIVISION
MARINE & INDUSTRIAL MACHINERY PRODUCT CENTRE

SUBJECT TO APPROVAL
OF C.S.I.

SUBJECT TO NOTATIONS
IN RED AS MARKED



No.	REVISION	BY	DATE
DISTRIBUTION			
DEPARTMENT	QTY.	DEPARTMENT	QTY.
Owners	2-24	Yard Manager	Shipwright
Classification	1-77	New Const. Supt.	Rigger
Steamship Inspection	1-77	Outfit. Supt.	Joiner
Owners	5-77	Repair Supt.	Pipe Fitter
		Steel Supt.	Machine Shop
			Patternmaker
Hull D.O.	1-77		Blacksmith
Machinery D.O.	1-77	Electric	Sheet Metal
Electrical D.O.	1-77	Plaster	Electric Shop
Welding Engineer		Welder	Engine Fitter



BURRARD DRY DOCK CO. LTD.
SHIPBUILDERS • SHIPREPAIRERS • GENERAL ENGINEERS
NORTH VANCOUVER, B.C. CANADA

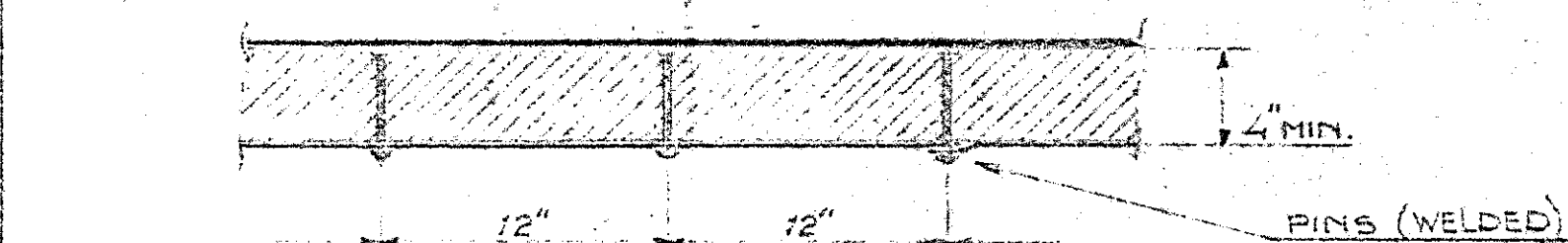
DIVISION HULL
HULL 221/222 JOB NO. 240 340 390
OWNERS: MINISTRY OF TRANSPORT

TITLE
JOINER AND INSULATION DETAILS

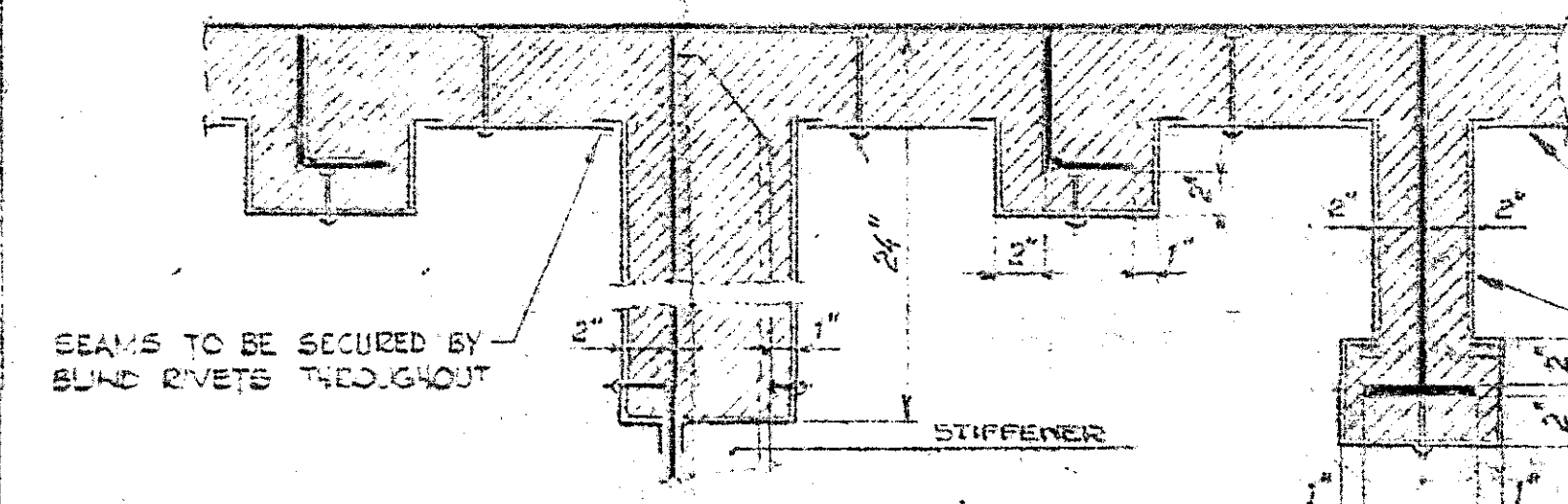
APPROVALS	REPRESENTS	DATE	DRAWN	CHECKED	APPROVED	SCALE	DATE	REV.
D.S.S.	R.HALL	5 Nov 76	B. EVERS				221-H-82	221-H-82
							DWG. No. SHEETS A-F	1-2a A

THERMAL AND ACOUSTIC INSUL.

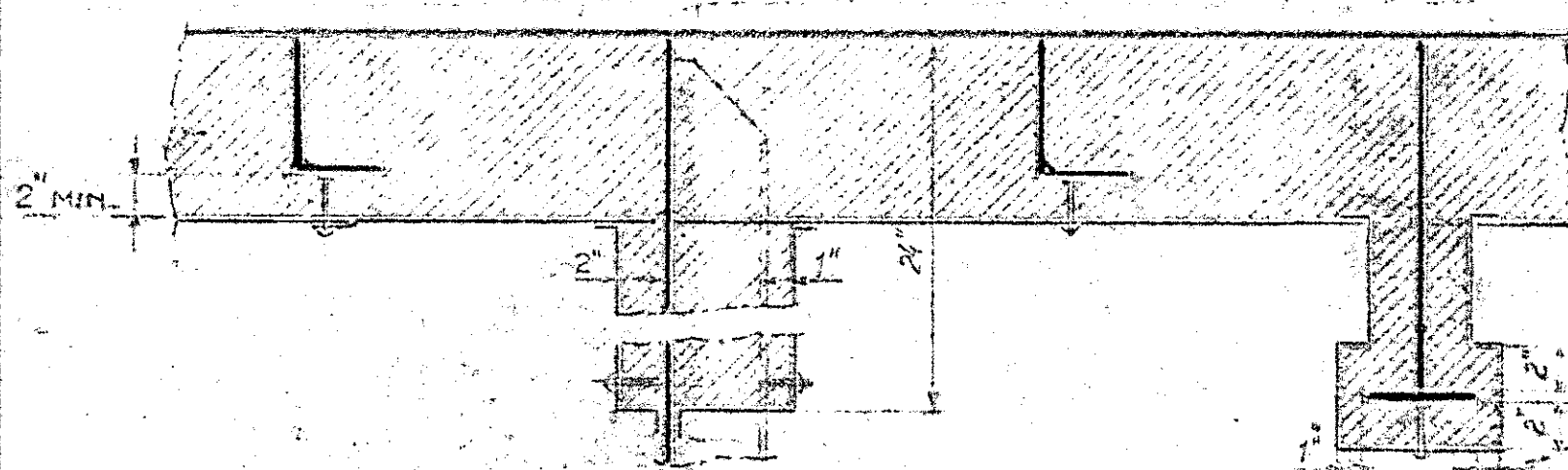
1



SEAMS AND BUTTS IN VAPOUR BARRIER TO BE TAPED

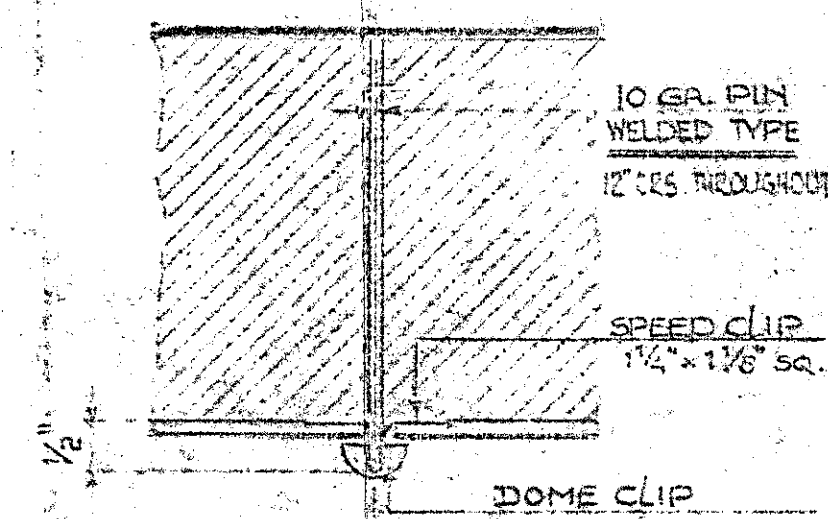


SEAMS TO BE SECURED BY BLIND RIVETS THROUGHOUT



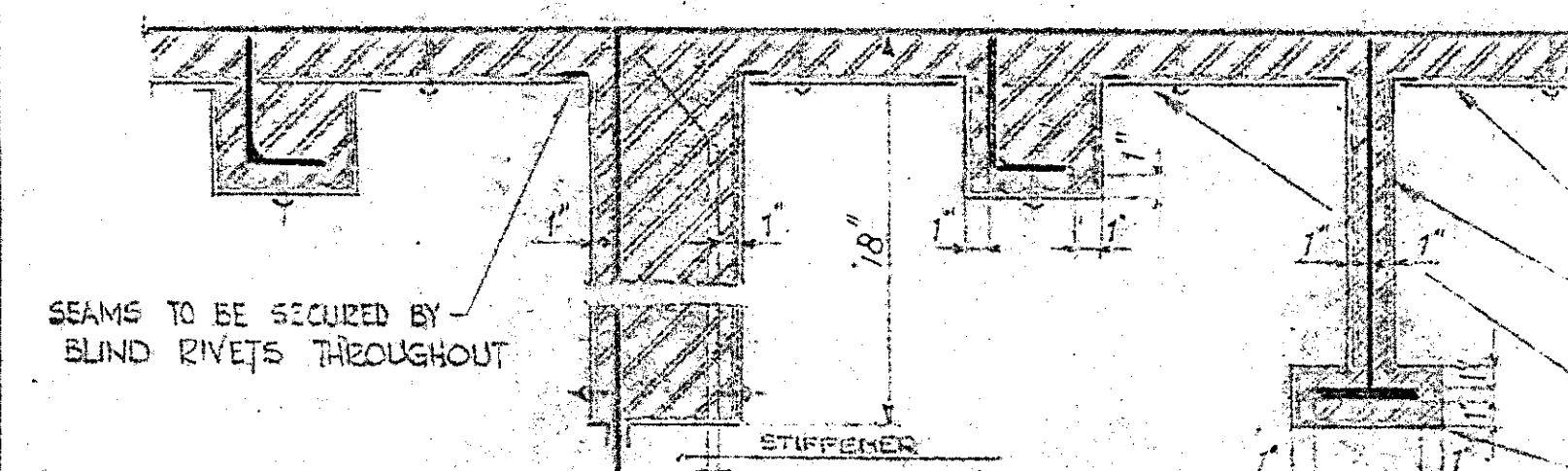
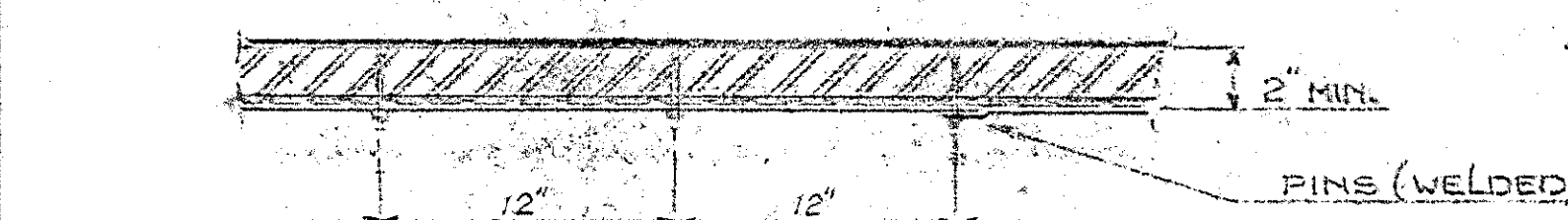
FIBRE GLASS TYPE PF 335 WITH ALUM. PIGMENTED VINYL VAPOUR BARRIER

EXPANDED ALUM. SHEATHING DRAMEX 358-14F .064" THK.

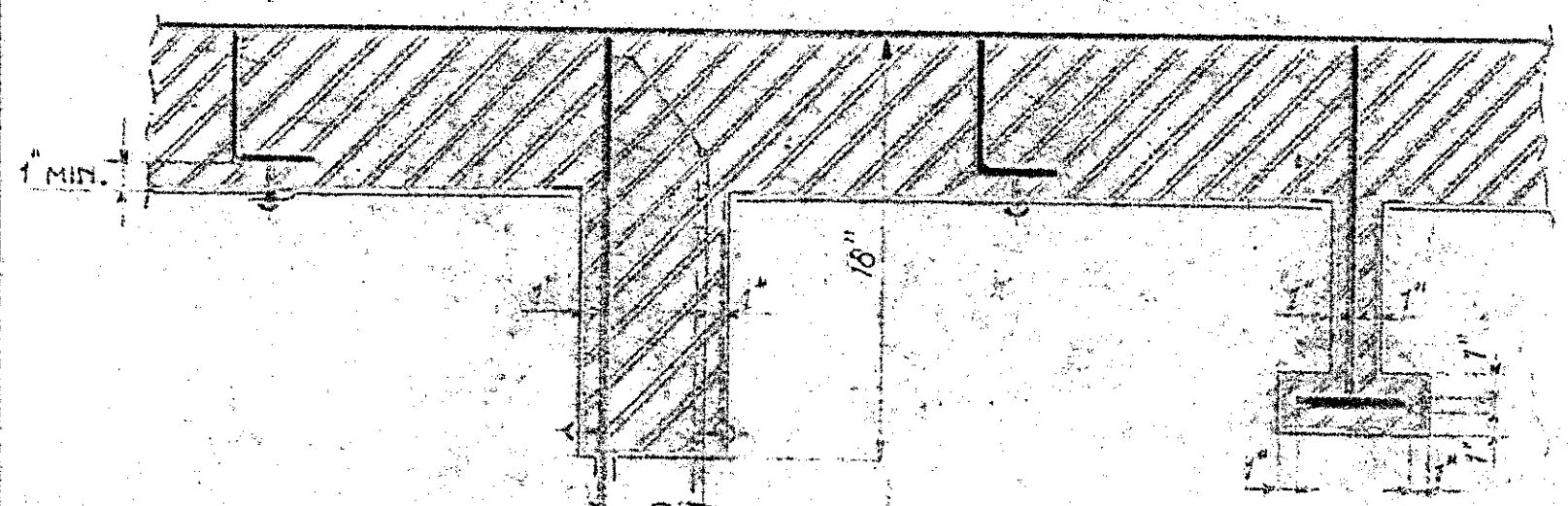


FIRE INSULATION

3



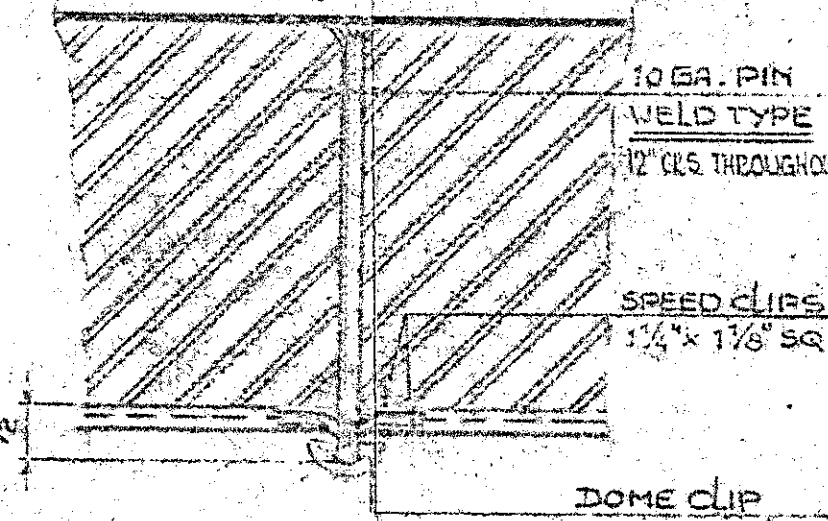
SEAMS TO BE SECURED BY BLIND RIVETS THROUGHOUT



Rockwool FIRE BATT WITH ALUM. CRAFT BARRIER

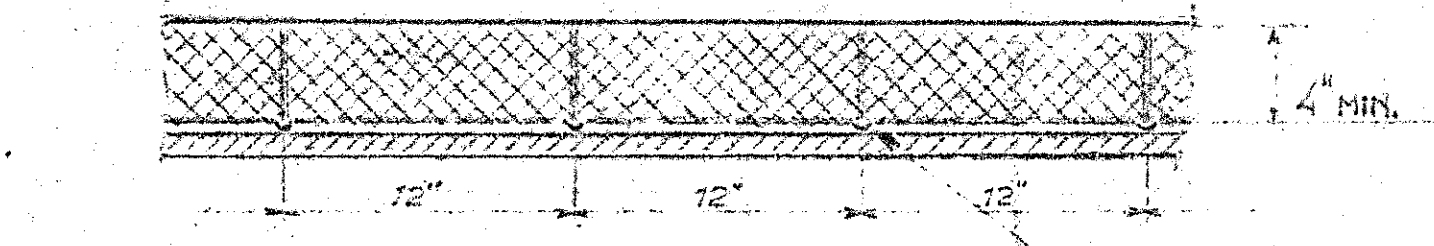
GALV. LATH (2.5 lbs/sq yd)

EXPANDED ALUM. SHEATHING DRAMEX 358-14F .064" THK.

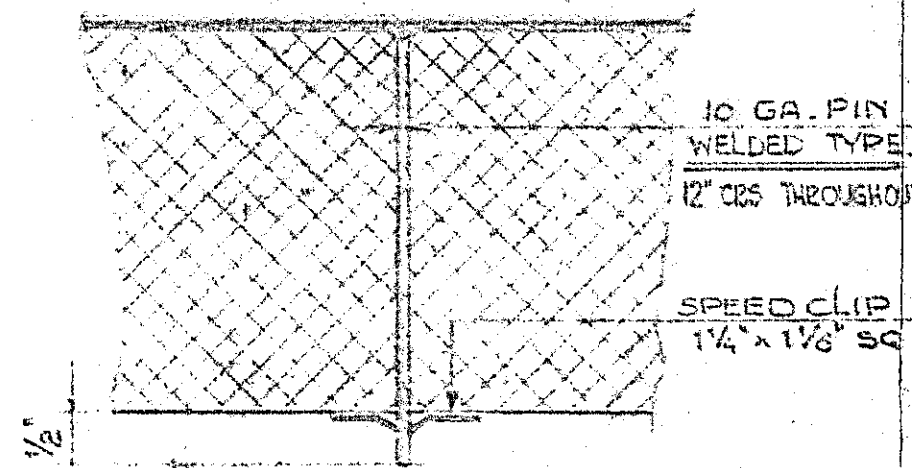
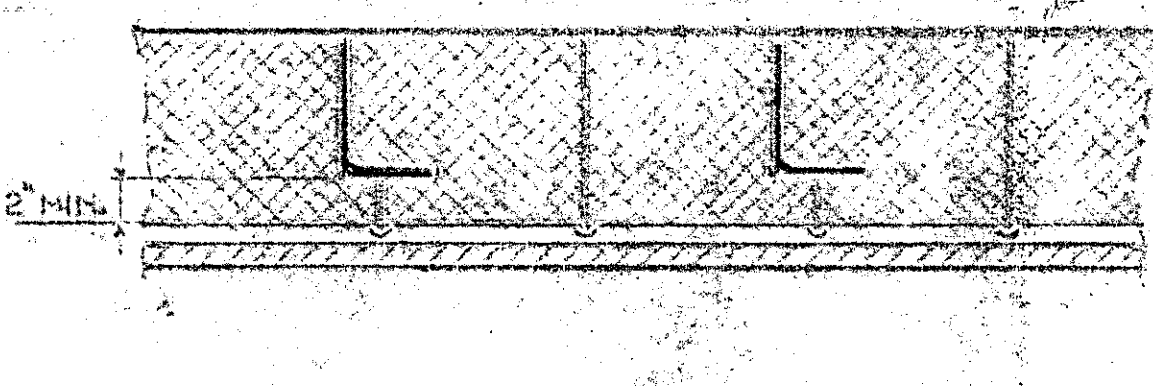
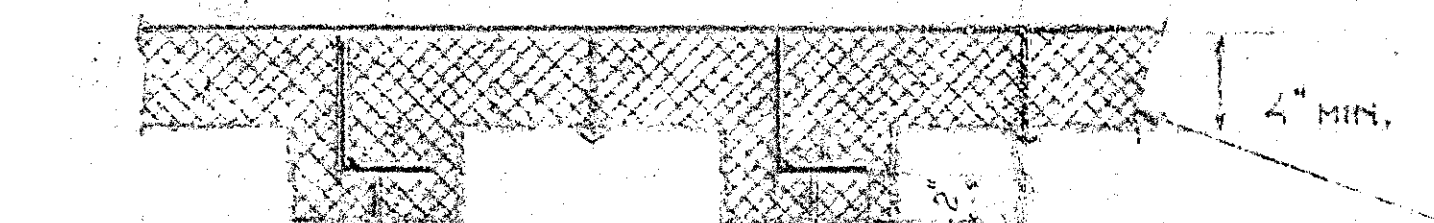


THERMAL INSULATION

2



SEAMS AND BUTTS IN VAPOUR BARRIER TO BE TAPED



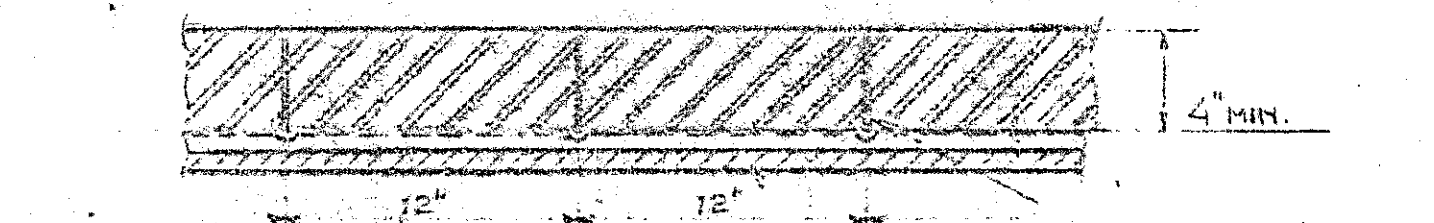
FIBRE GLASS TYPE PF 335 WITH REINFORCED ALUM. FOIL VAPOUR BARRIER

LINING, 3/4" T.A.C. BOARD WITH ARBORITE FACING

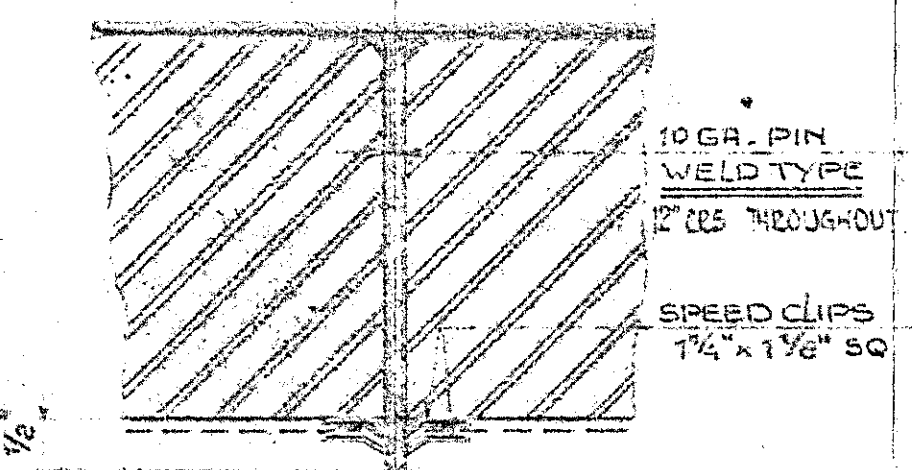
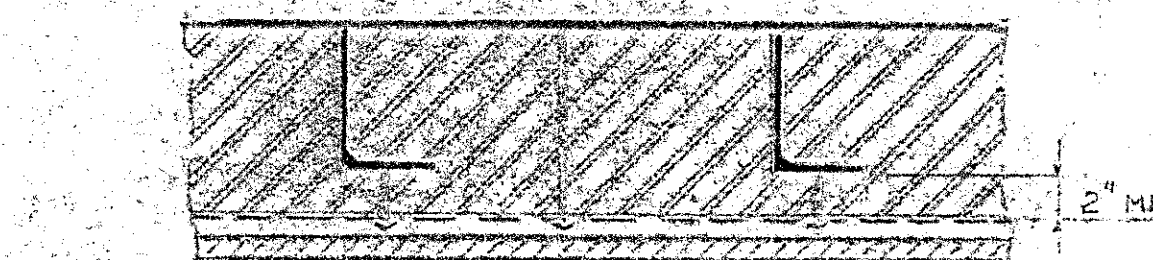
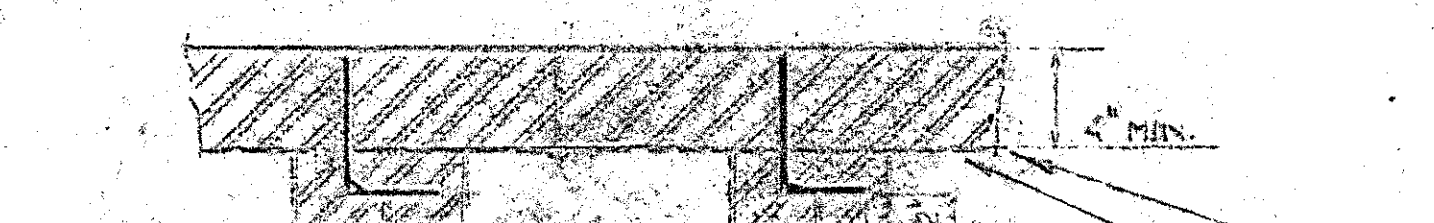
OR SUSPENDED CEILING

FIRE AND THERMAL INSUL.

4



SEAMS AND BUTTS IN VAPOUR BARRIER TO BE TAPED



Rockwool FIRE BATT WITH ALUM. CRAFT BARRIER

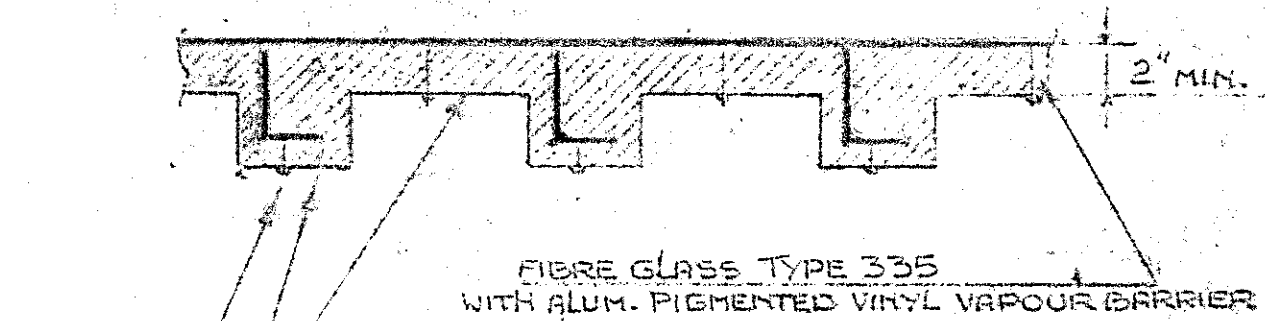
GALV. LATH (2.5 lbs/sq yd)

LINING, 3/4" T.A.C. BOARD WITH ARBORITE FACING

OR SUSPENDED CEILING

THERMAL INSULATION

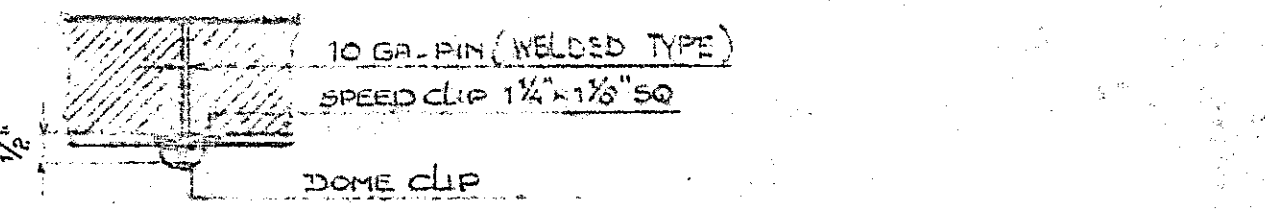
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FIBRE GLASS TYPE 335 WITH ALUM. PIGMENTED VINYL VAPOUR BARRIER

EXPANDED ALUM. SHEATHING DRAMEX 358-14F .064" THK.

FASTENINGS AND DETAILS AS FOR 1

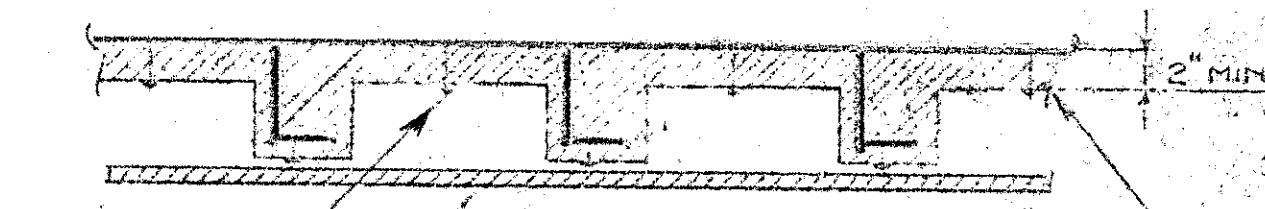


10 GA. PIN (WELDED TYPE) SPEED CLIP 1 1/4" x 1 1/8" SQ

DOME CLIP

THERMAL AND ACOUSTIC INSUL.

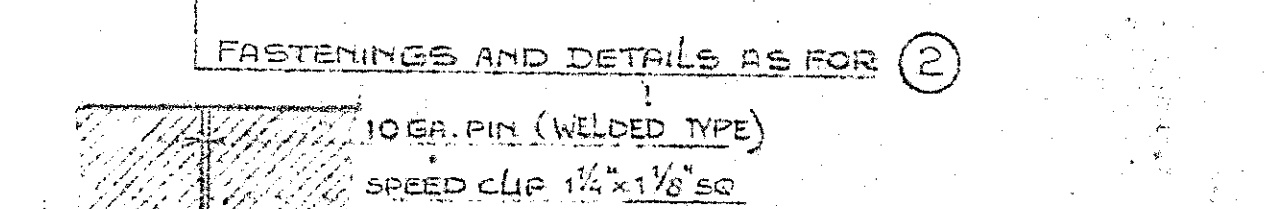
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FIBRE GLASS TYPE PF 335 WITH REINFORCED ALUM. FOIL VAPOUR BARRIER

LINING, 3/4" T.A.C. BOARD WITH ARBORITE FACING

OR SUSPENDED CEILING

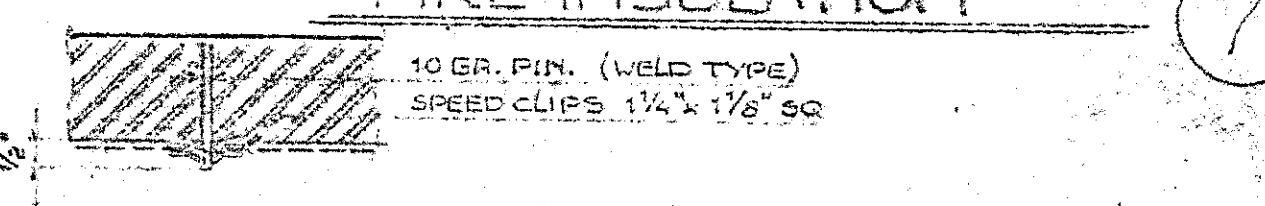


10 GA. PIN (WELDED TYPE) SPEED CLIP 1 1/4" x 1 1/8" SQ

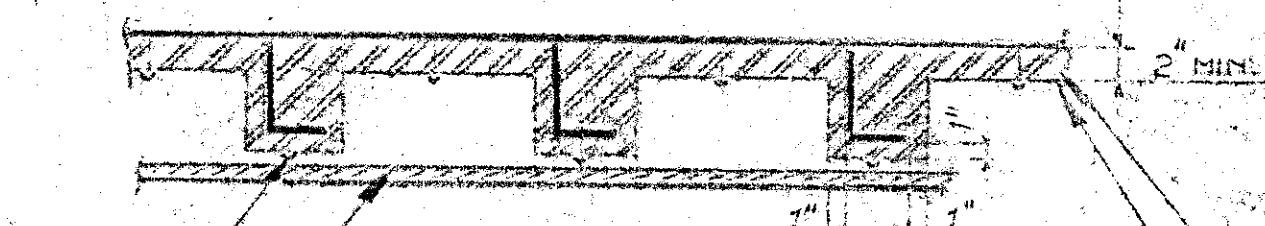
DOME CLIP

FIRE INSULATION

7



10 GA. PIN (WELDED TYPE) SPEED CLIPS 1 1/4" x 1 1/8" SQ



10 GA. PIN (WELDED TYPE) SPEED CLIPS 1 1/4" x 1 1/8" SQ

DOME CLIP

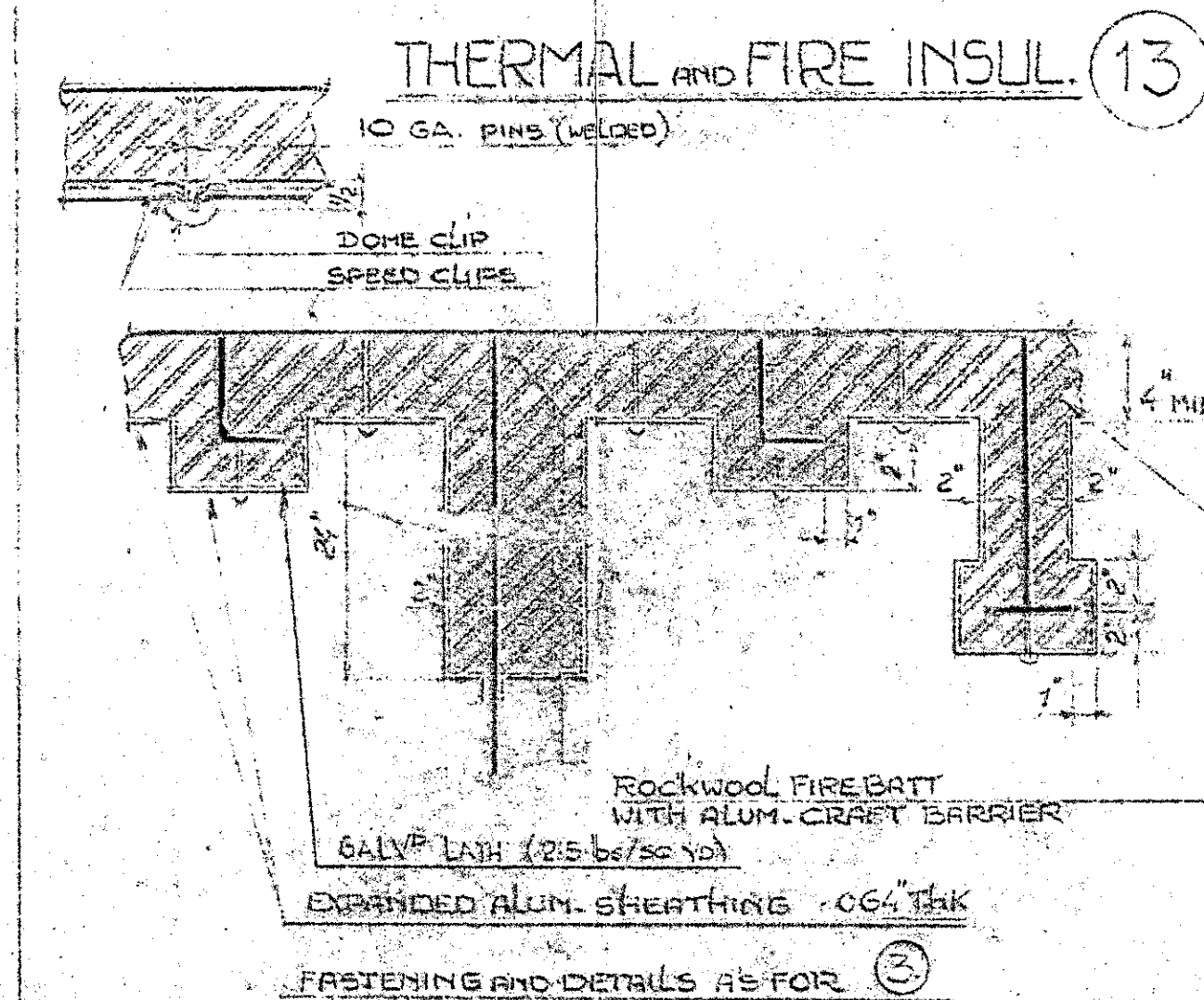
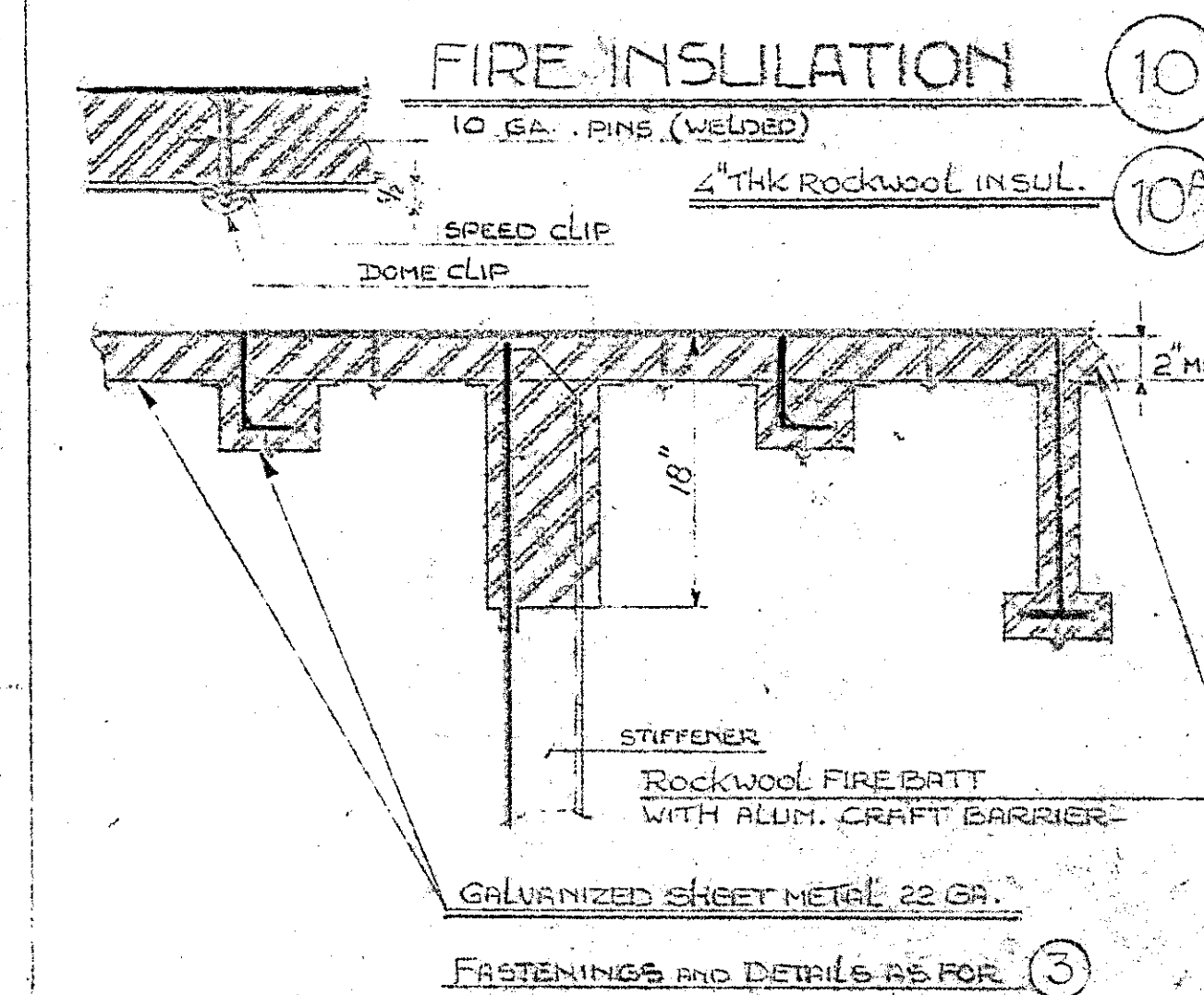
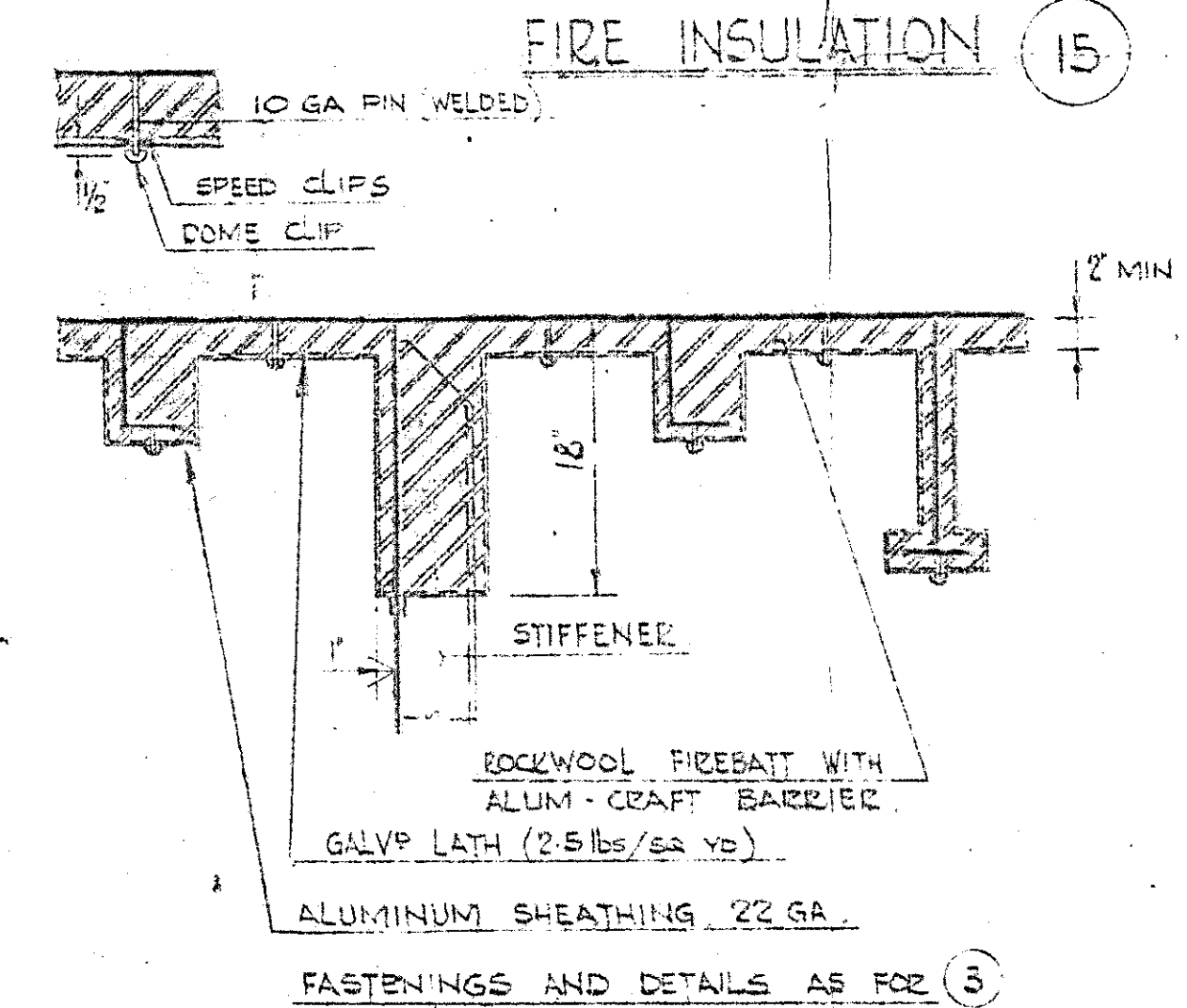
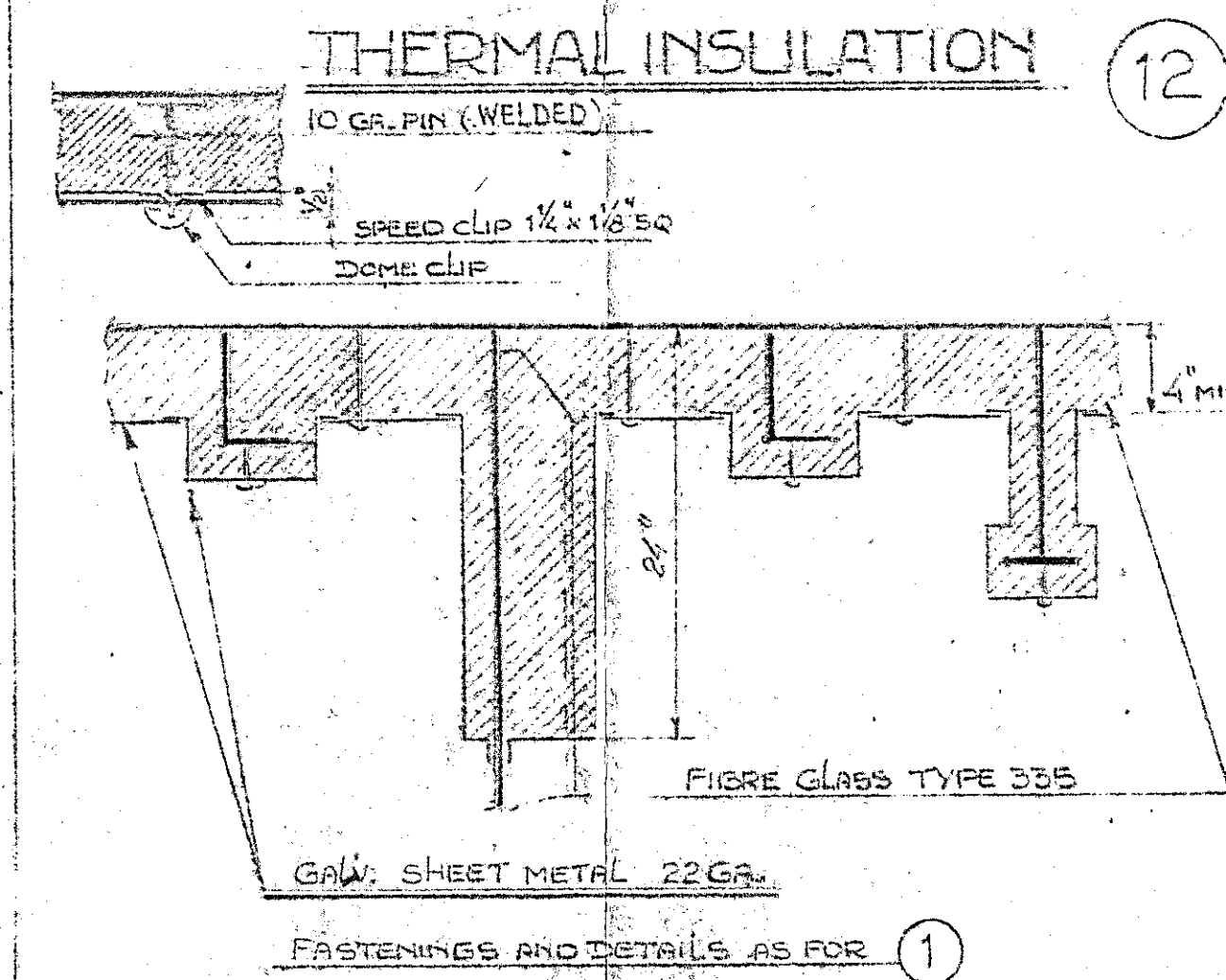
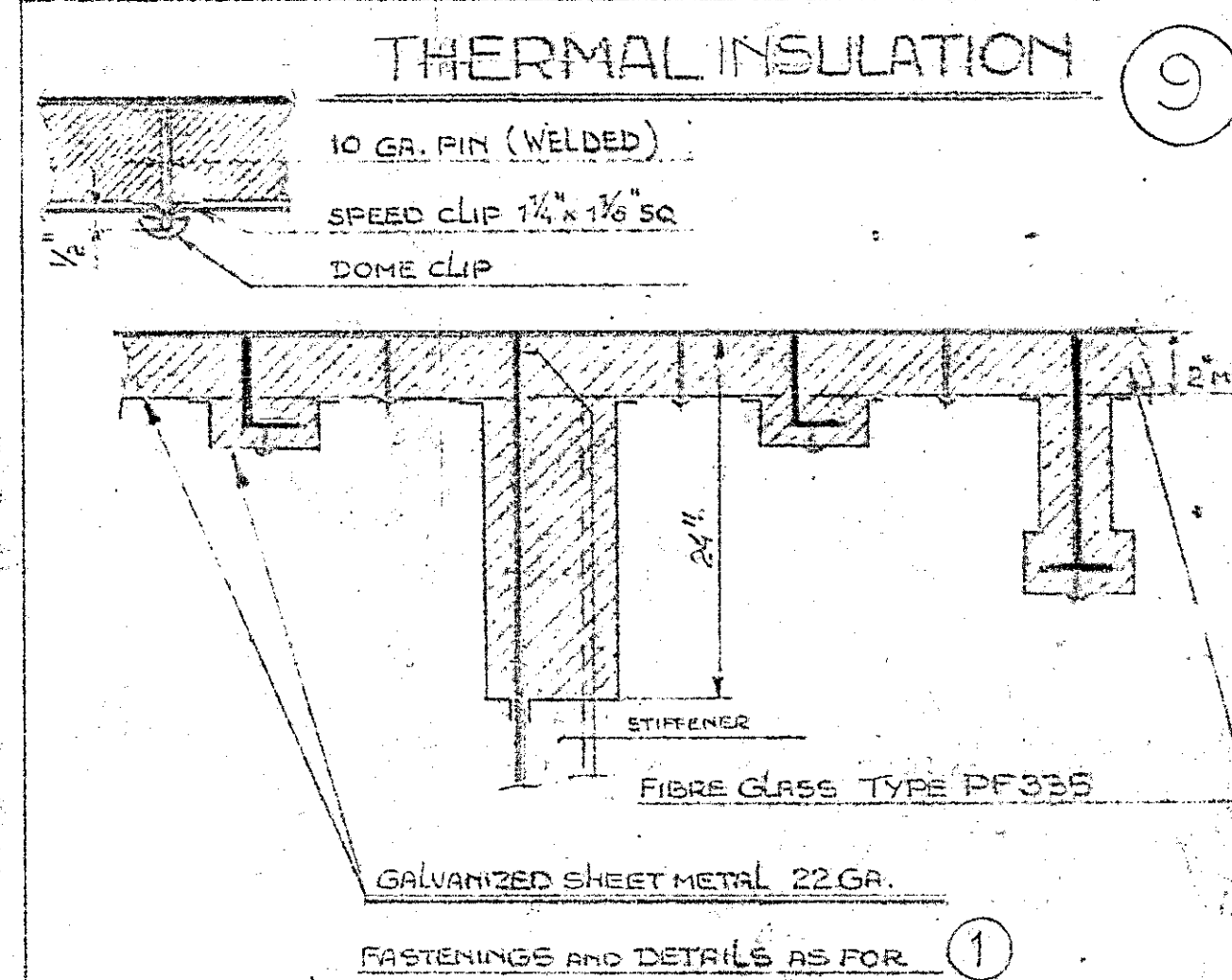
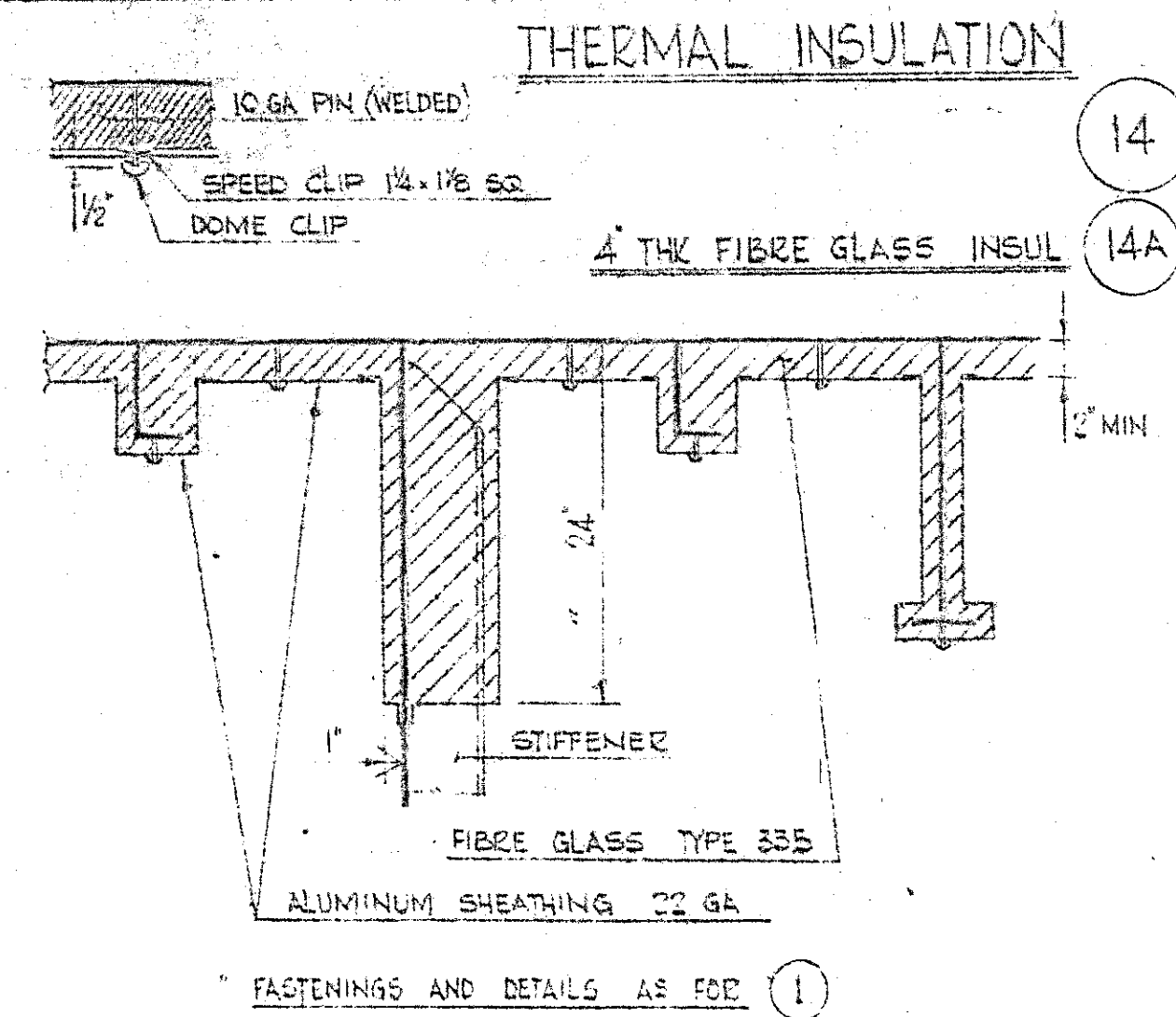
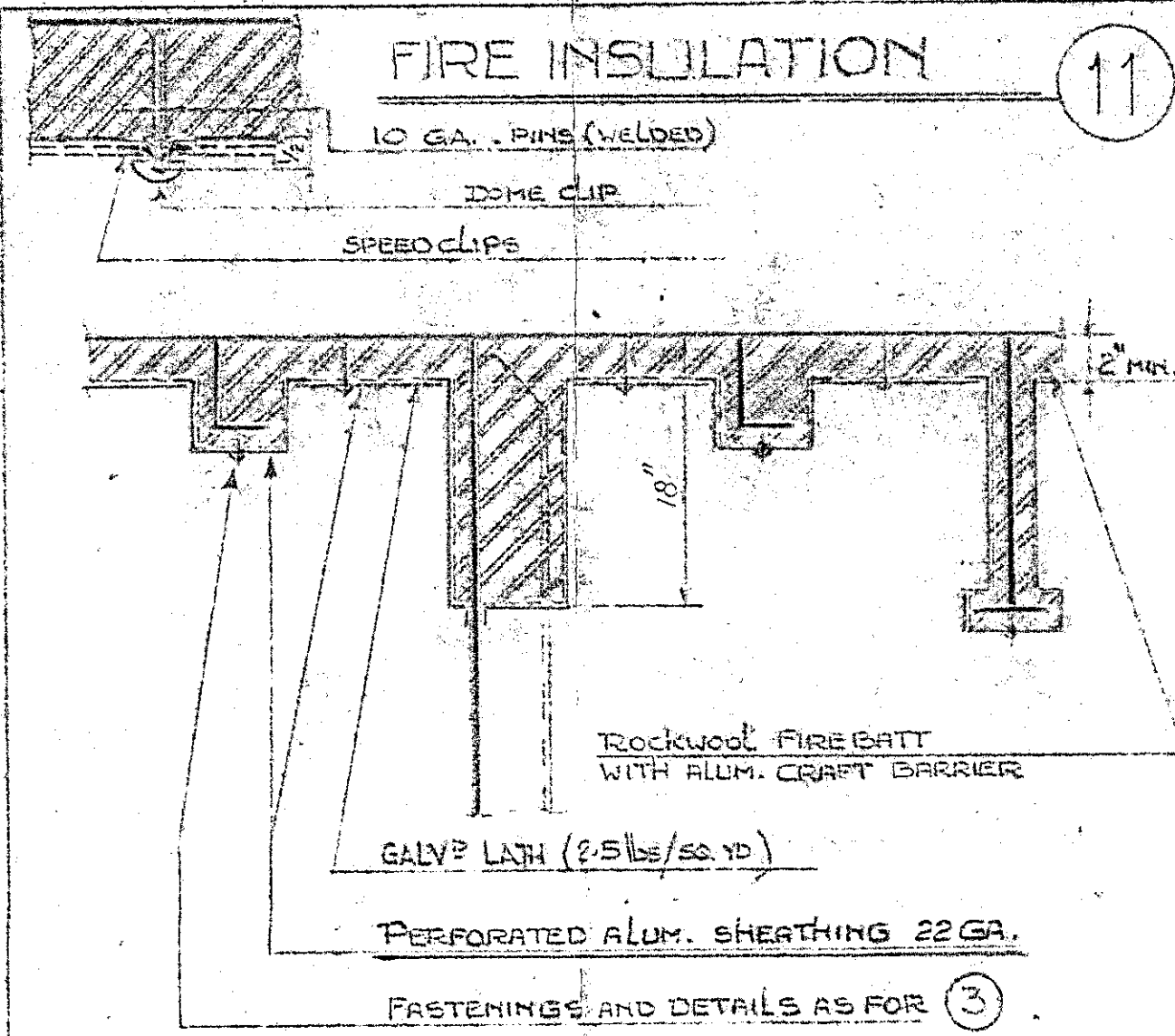
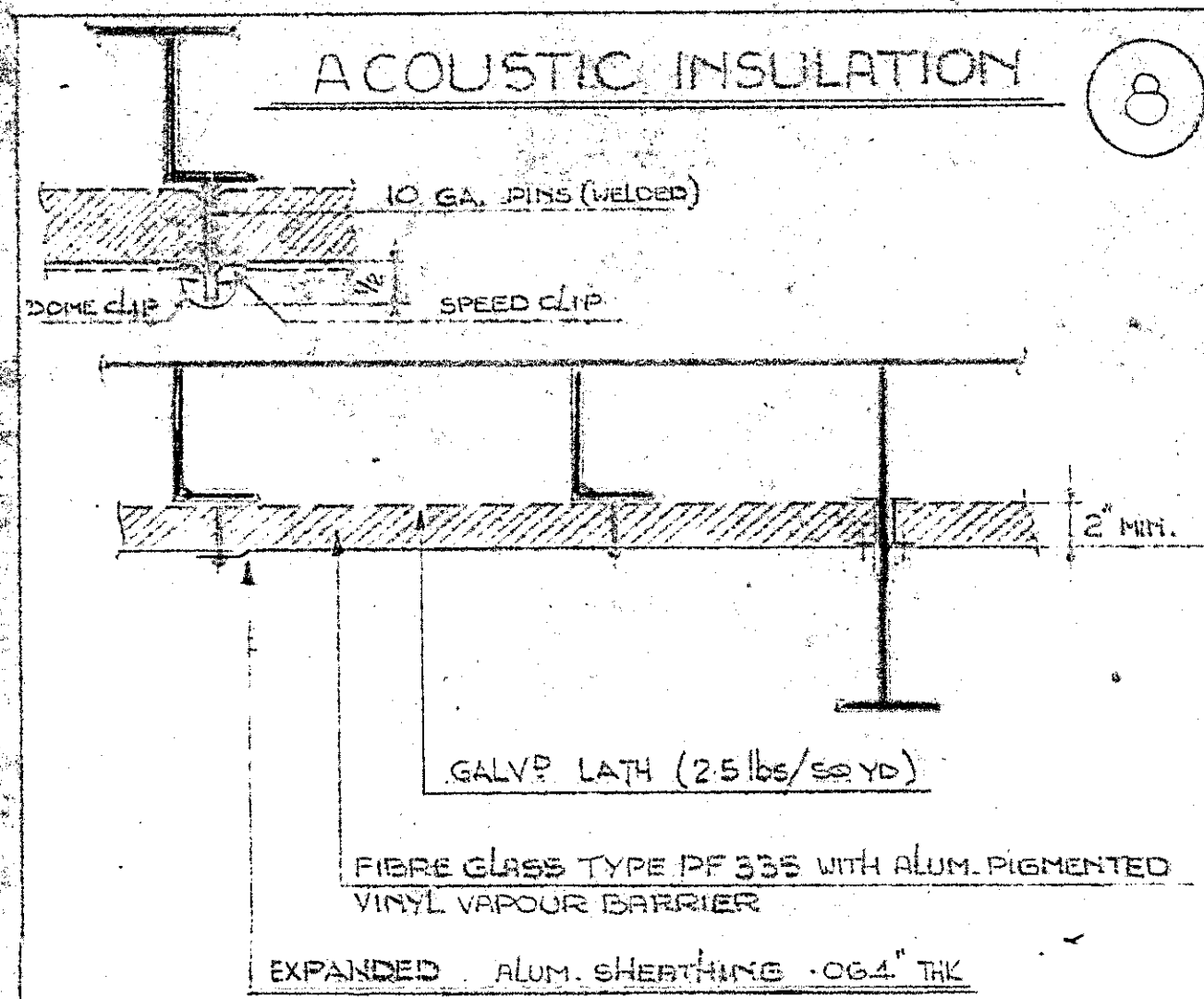
Rockwool FIRE BATT WITH ALUM. CRAFT BARRIER

GALV. LATH (2.5 lbs/sq yd)

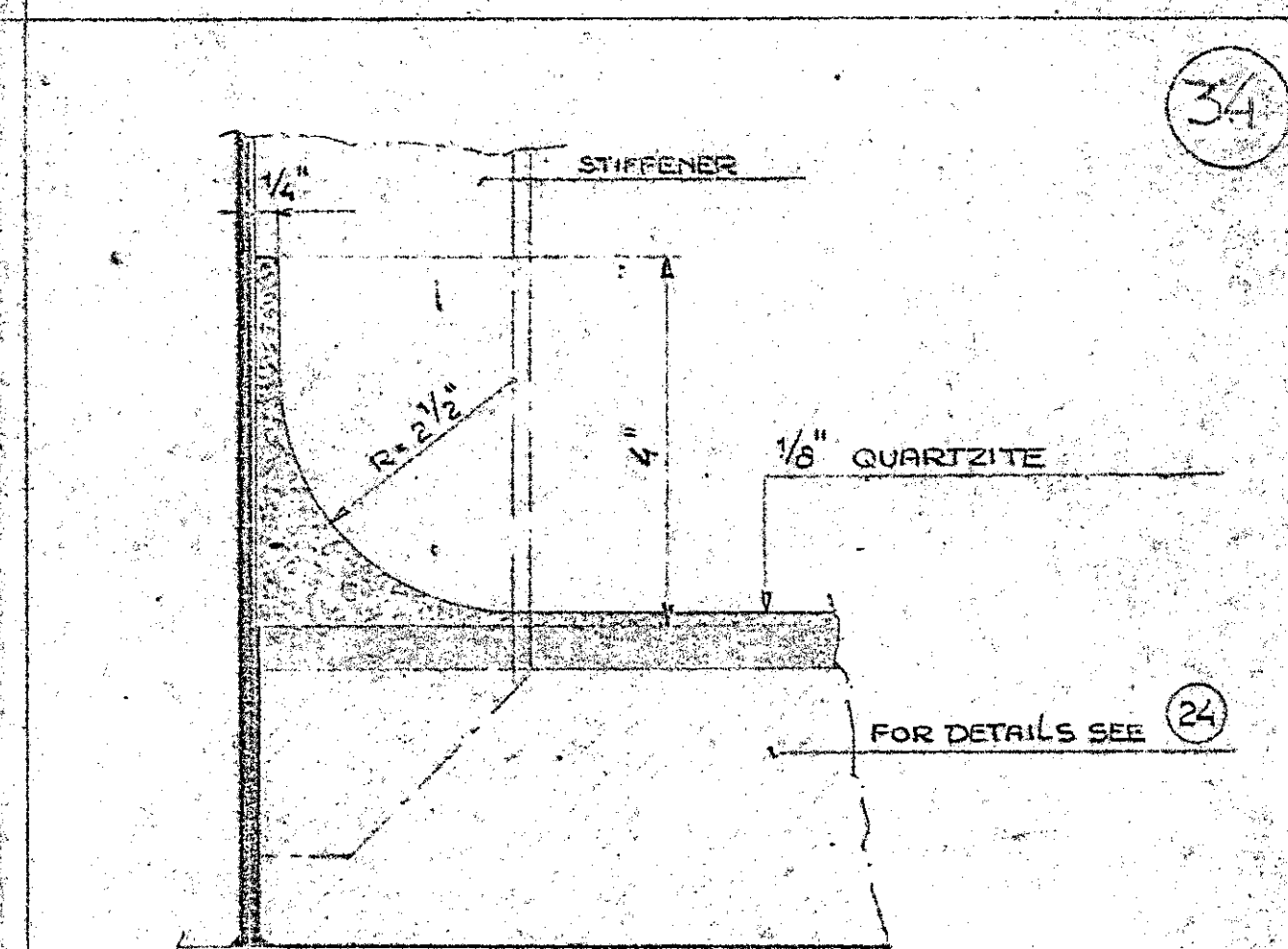
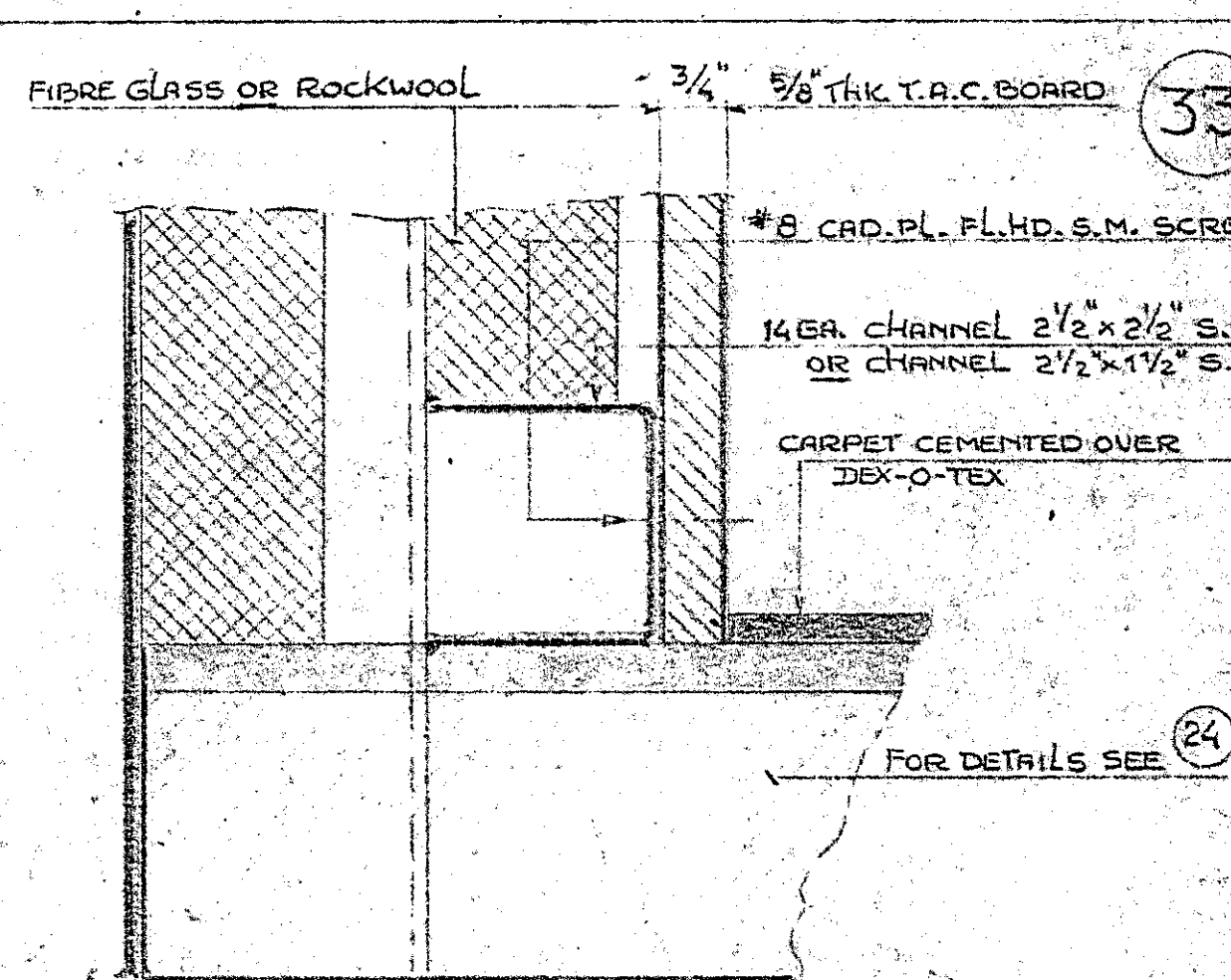
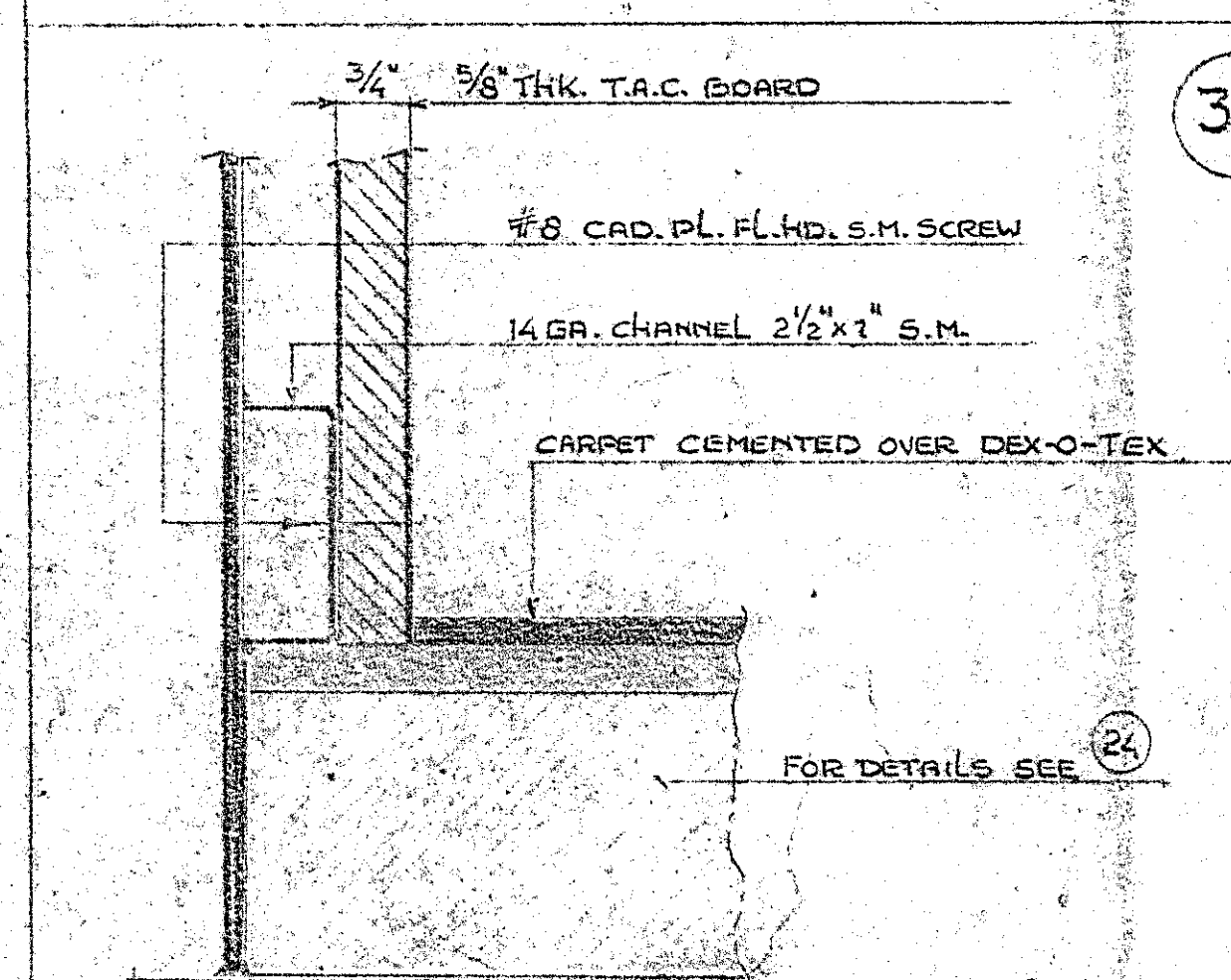
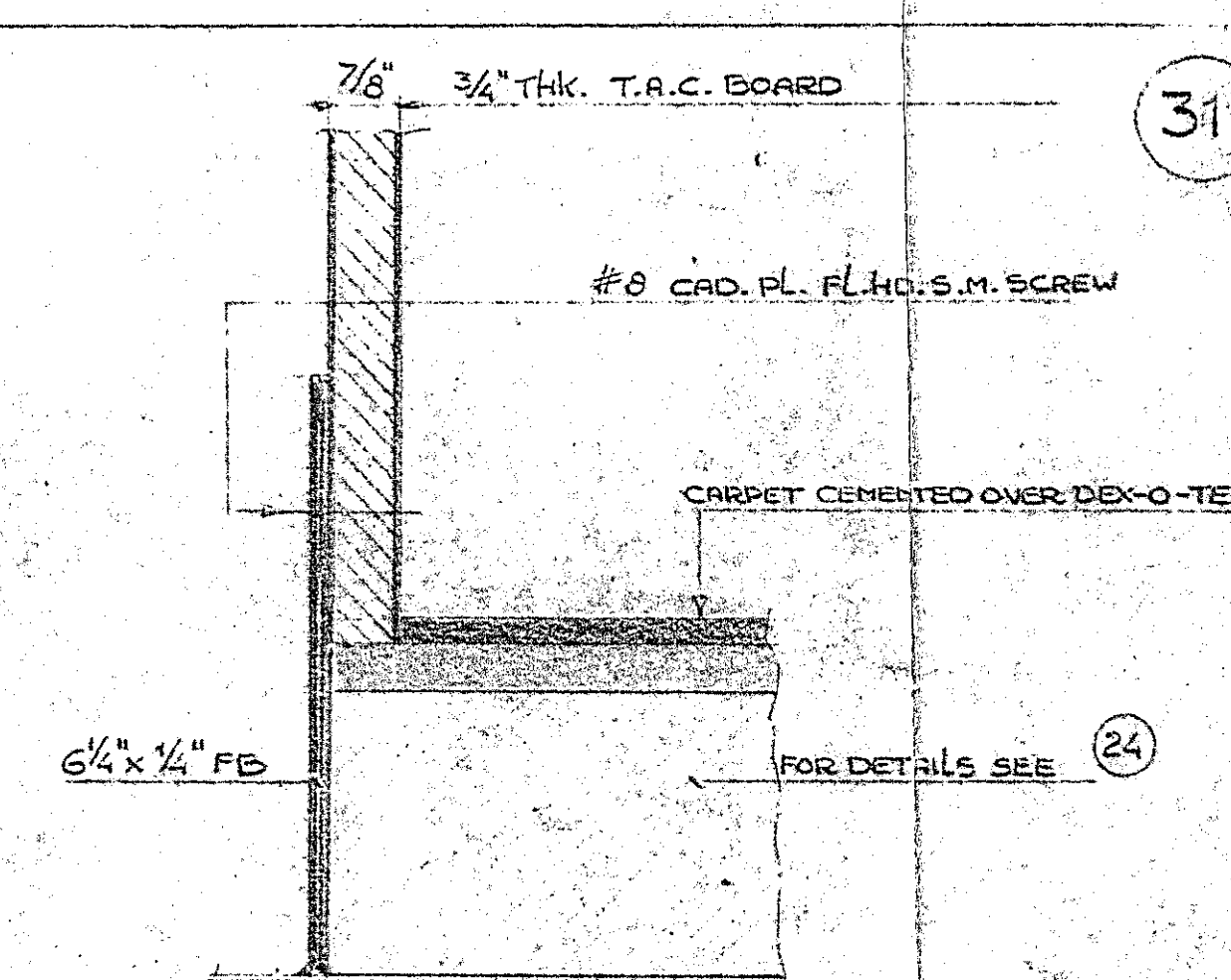
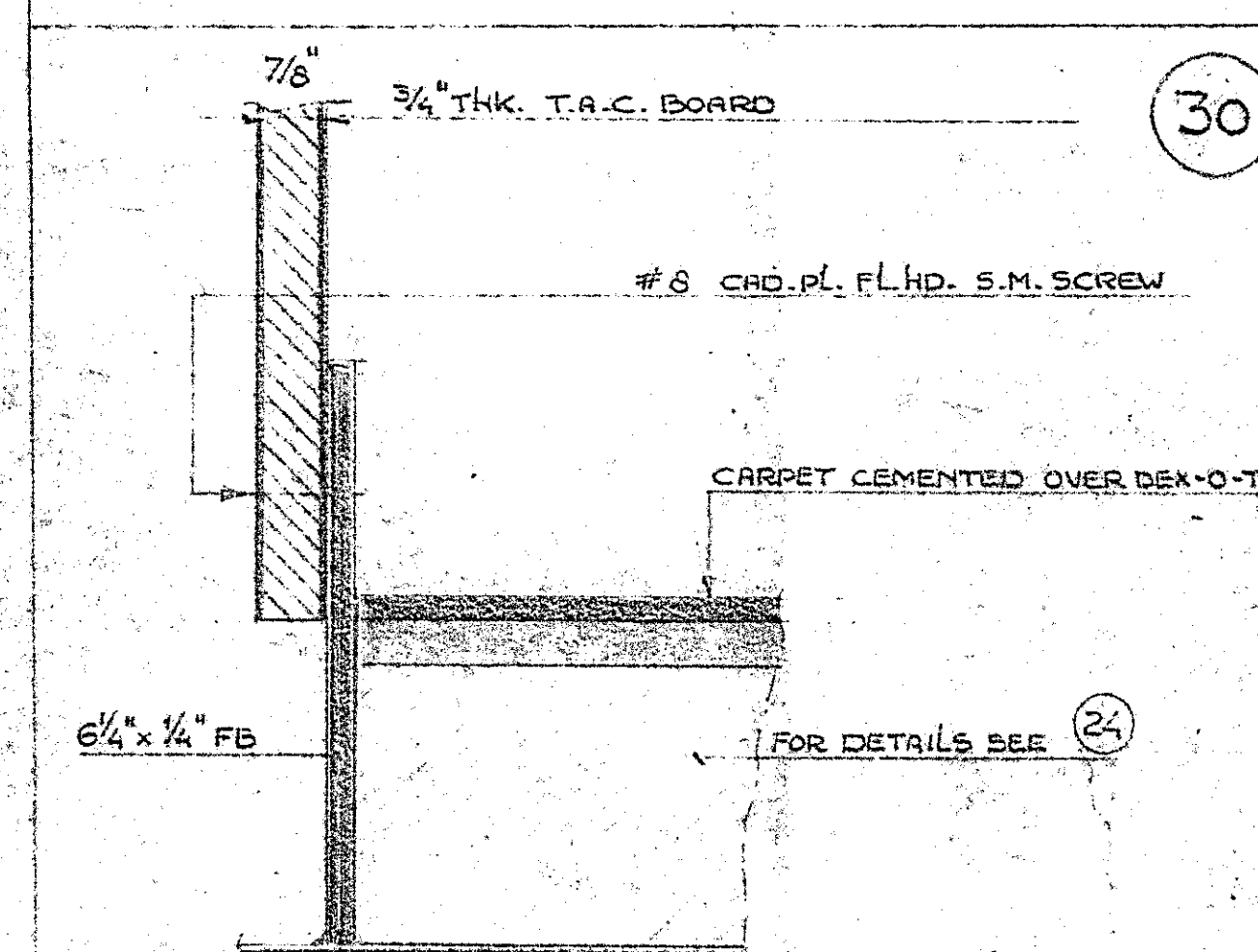
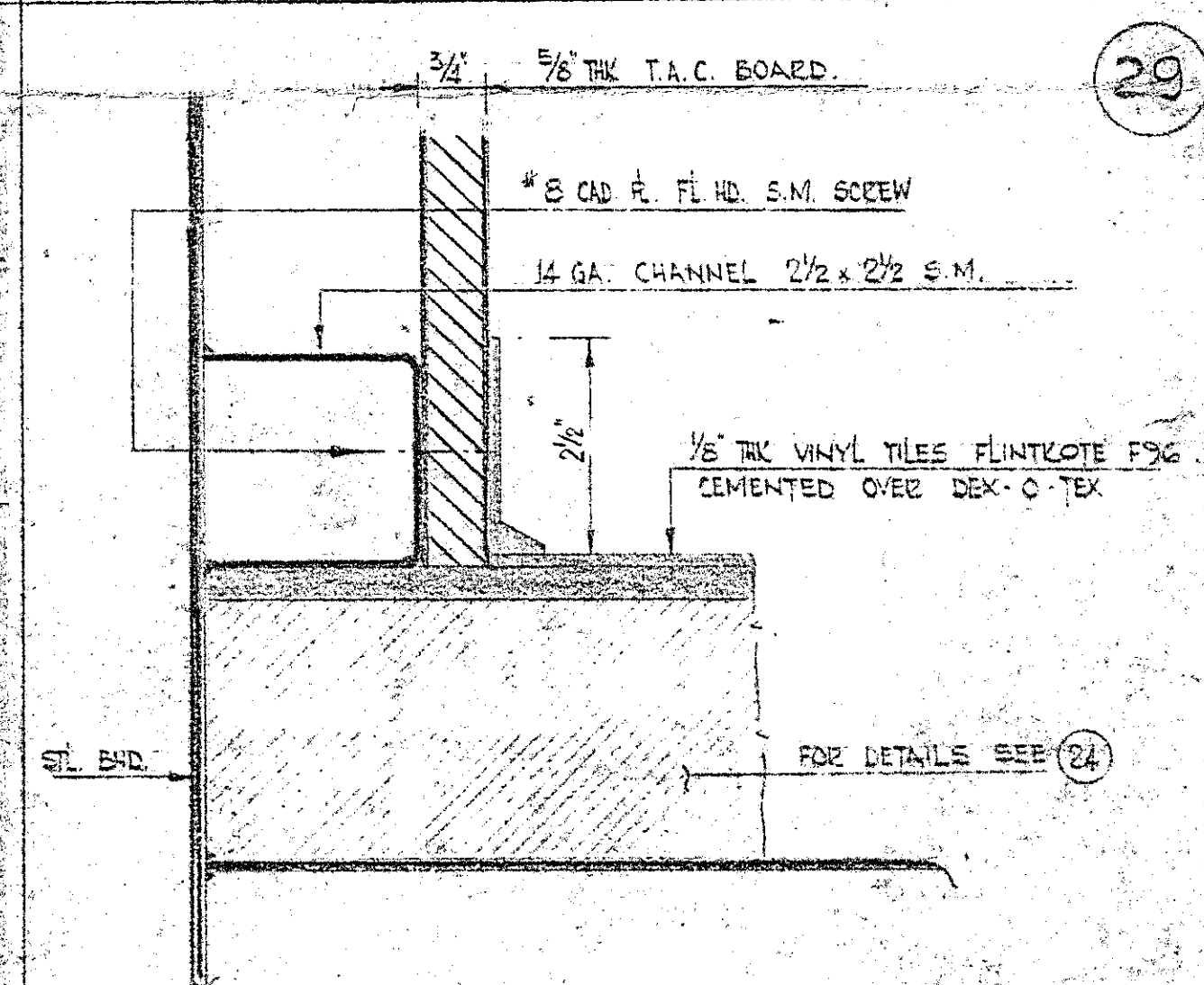
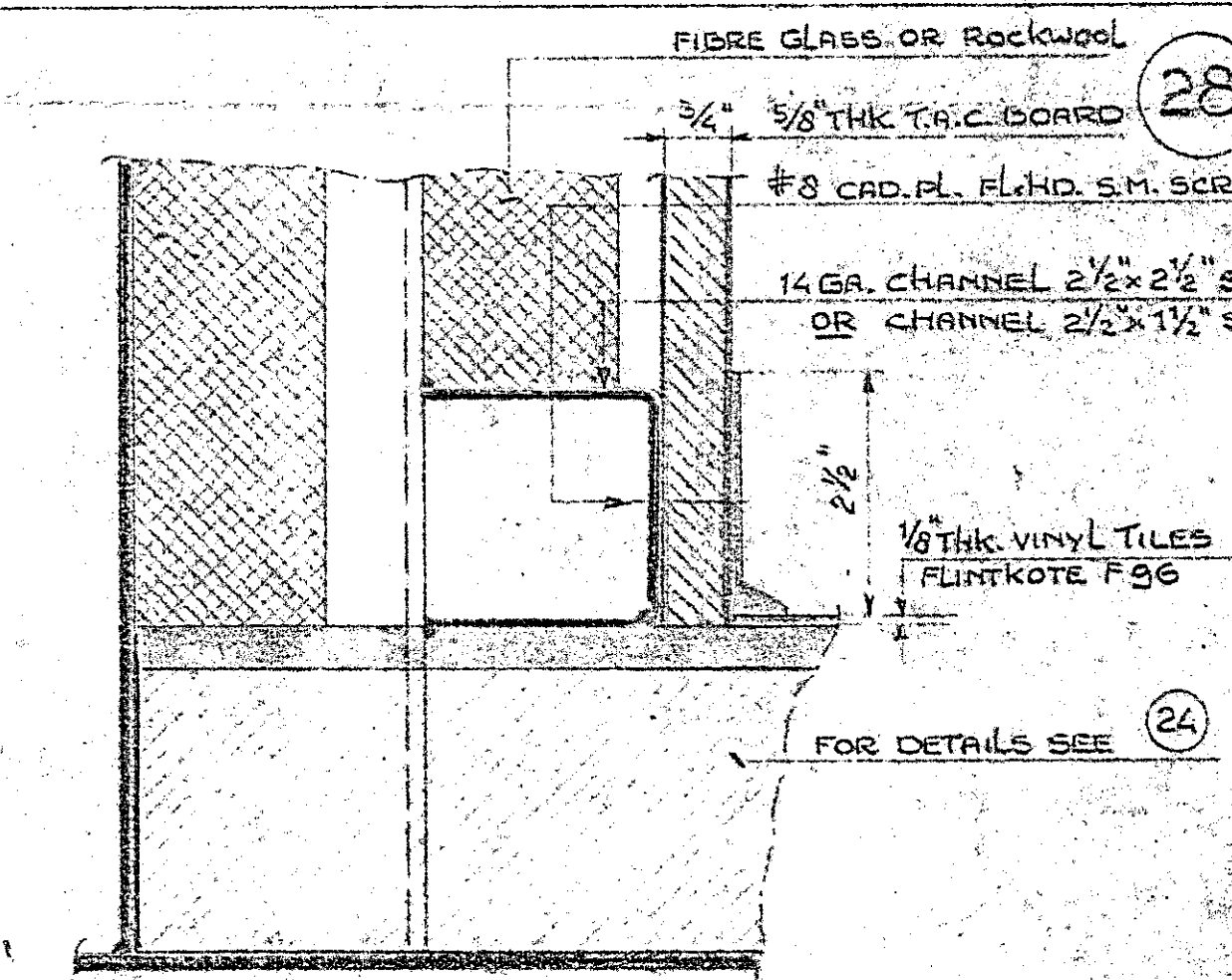
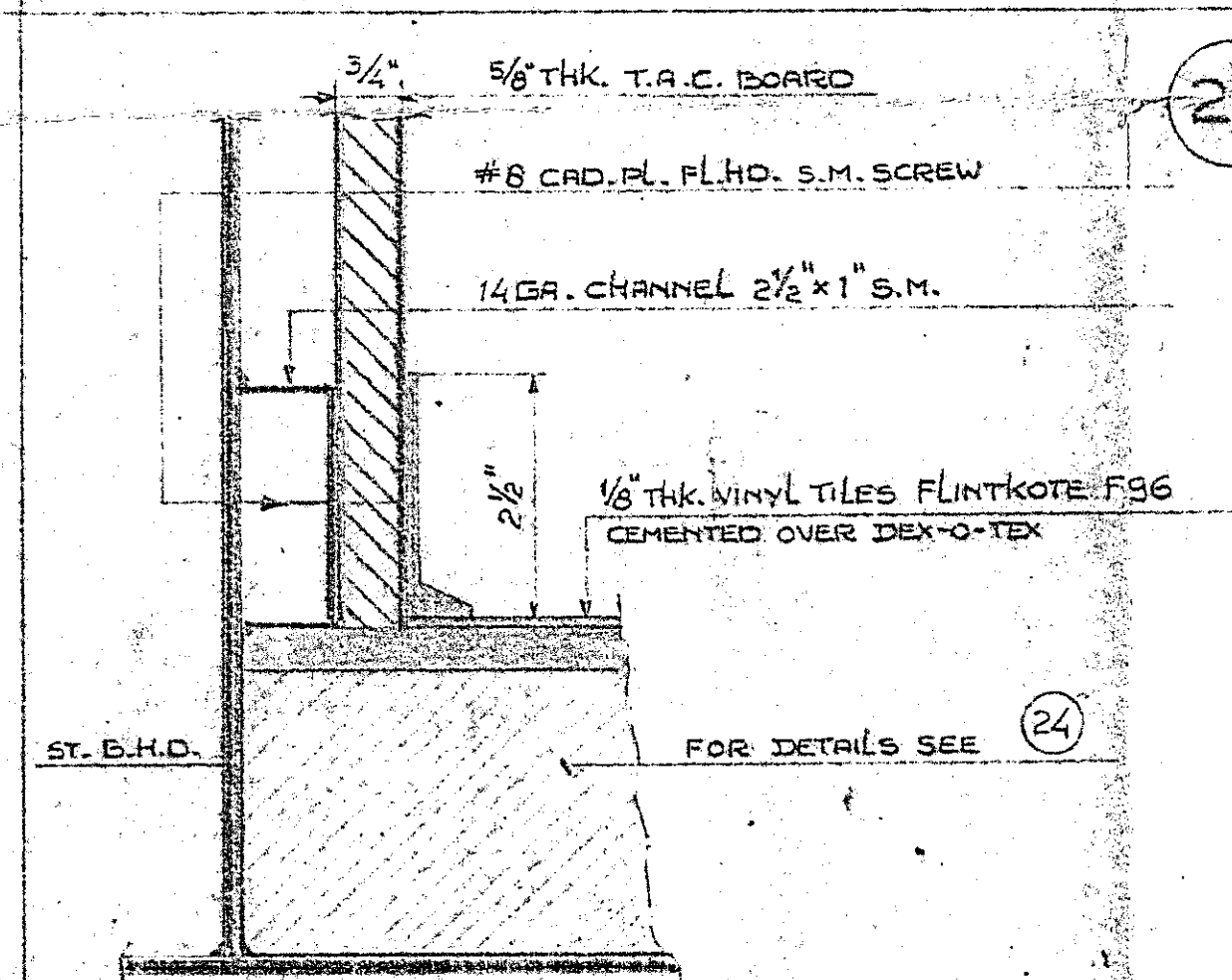
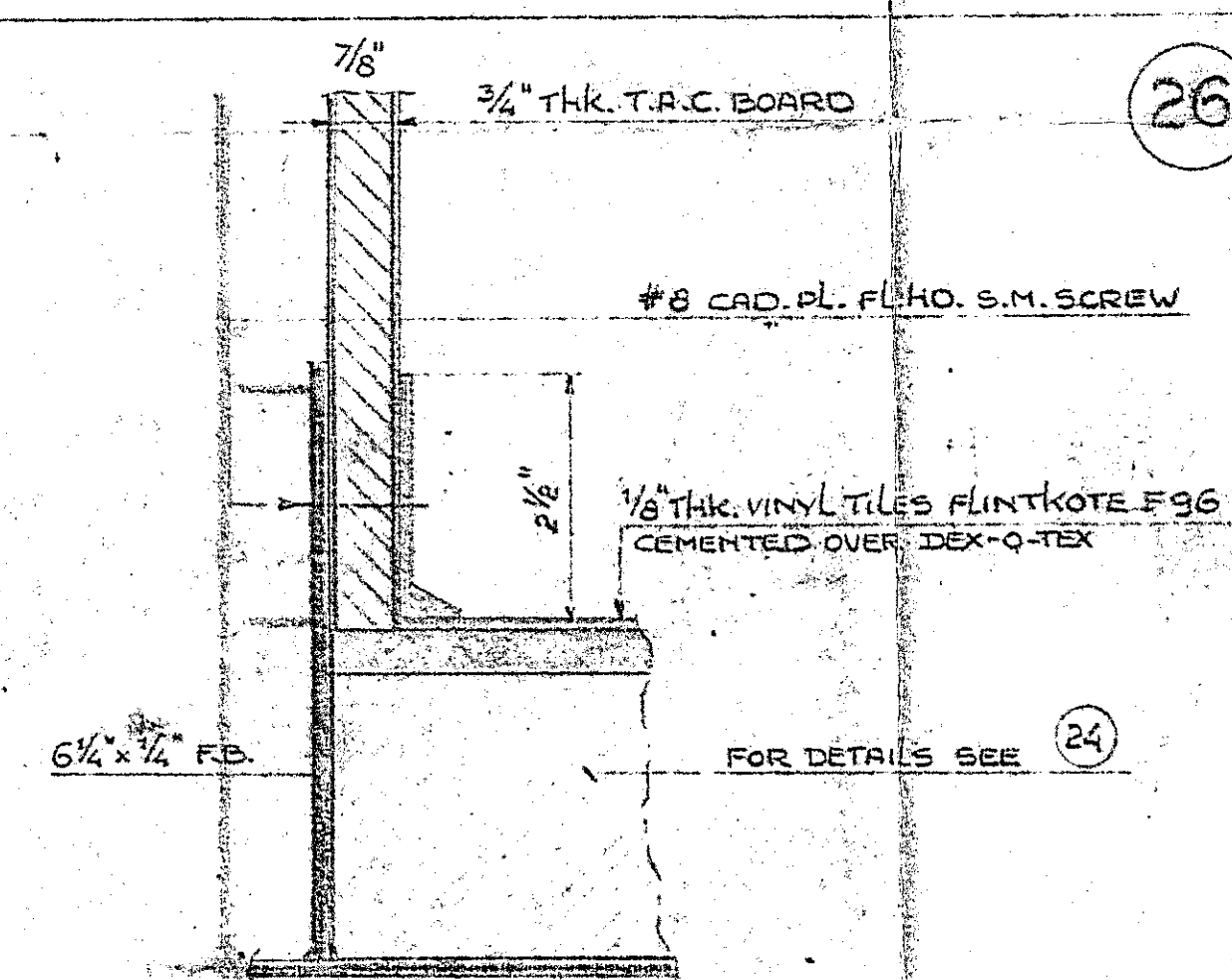
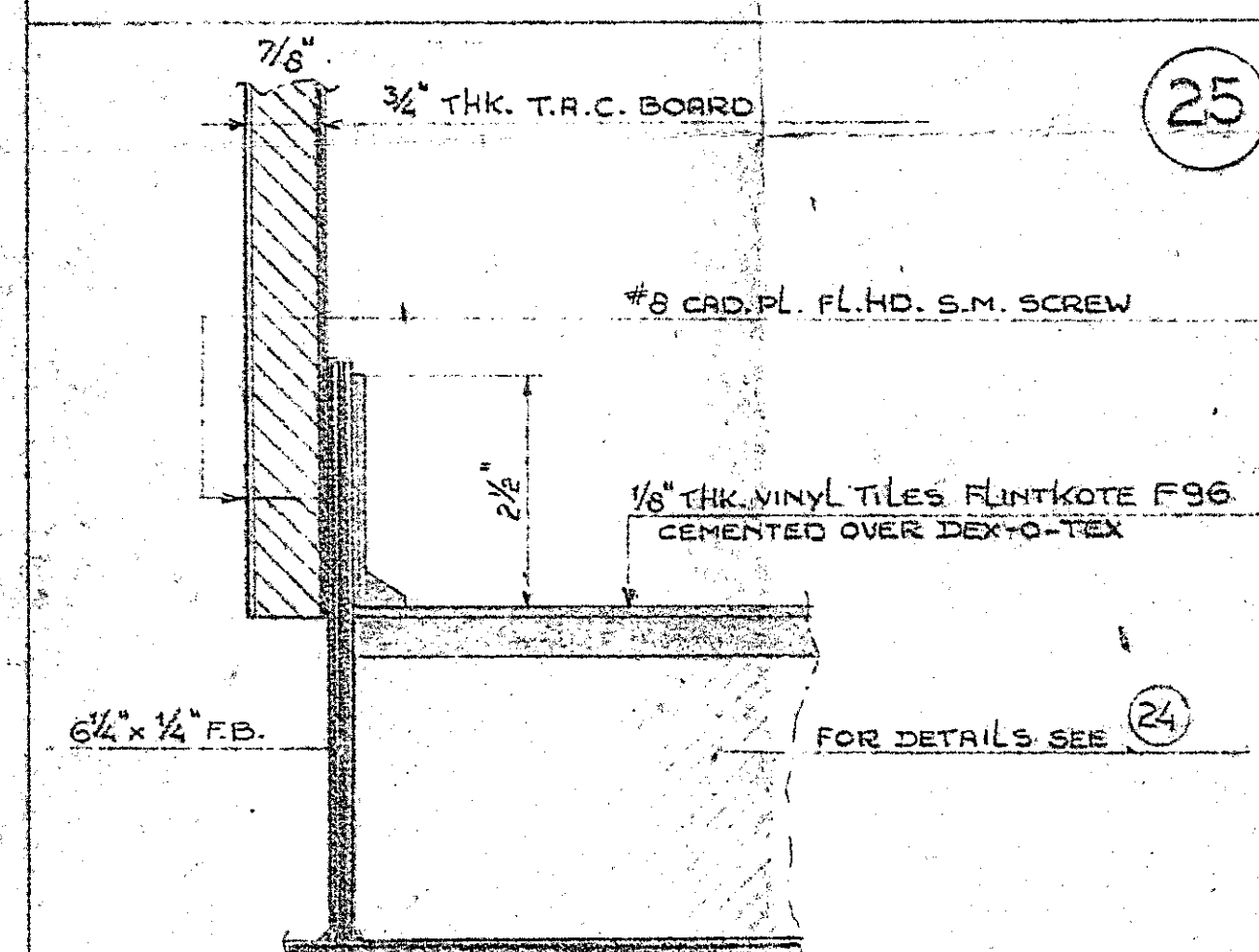
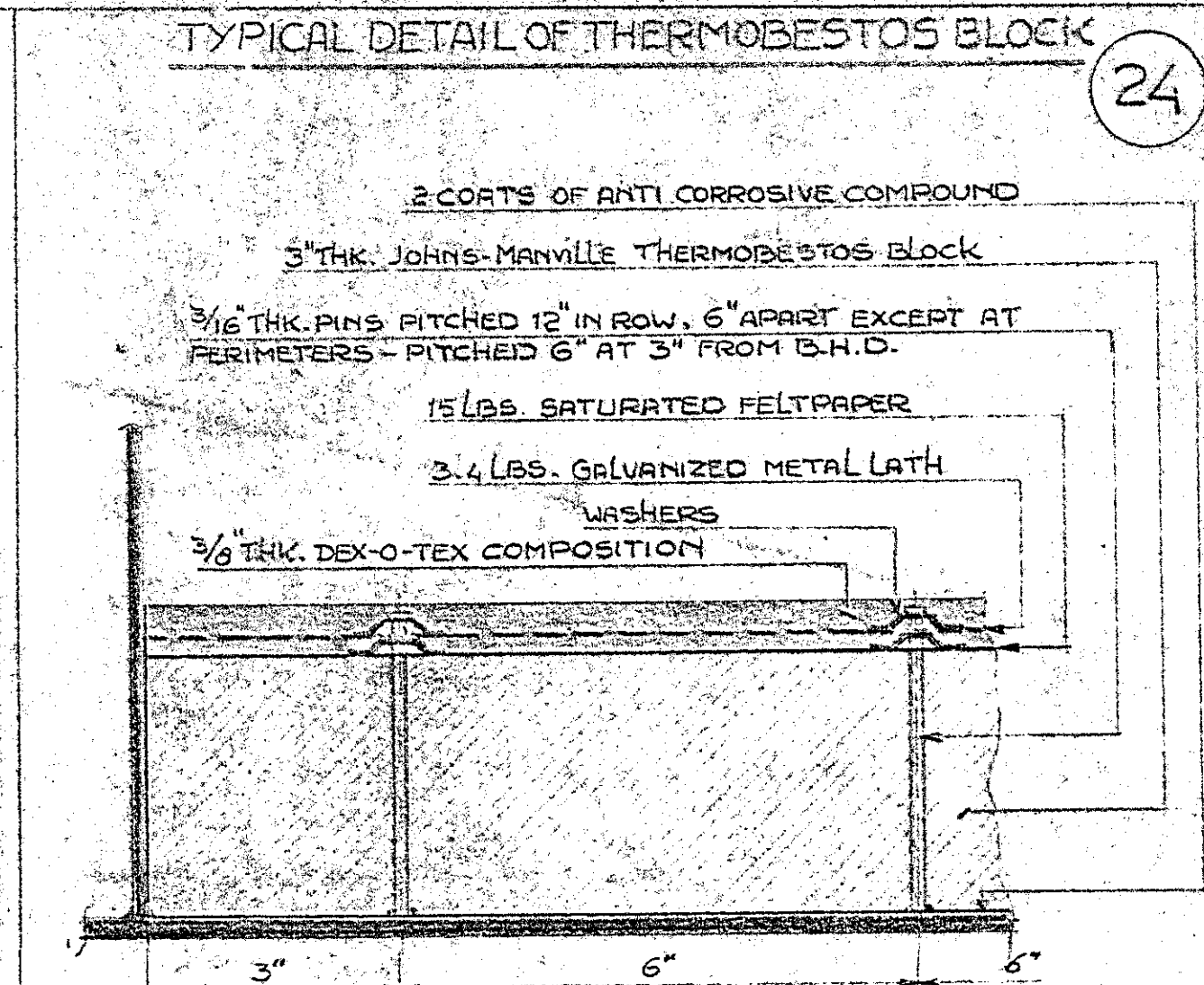
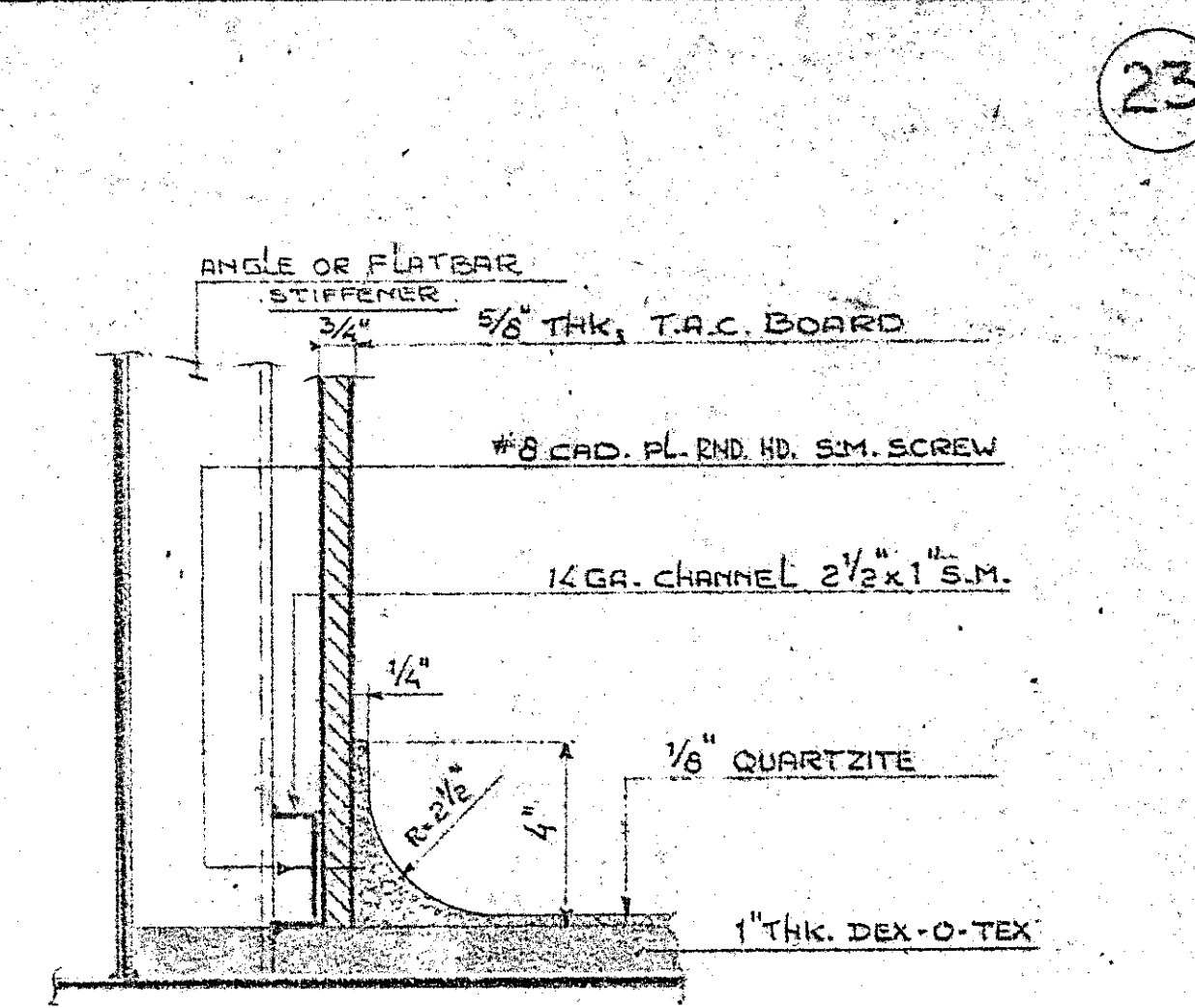
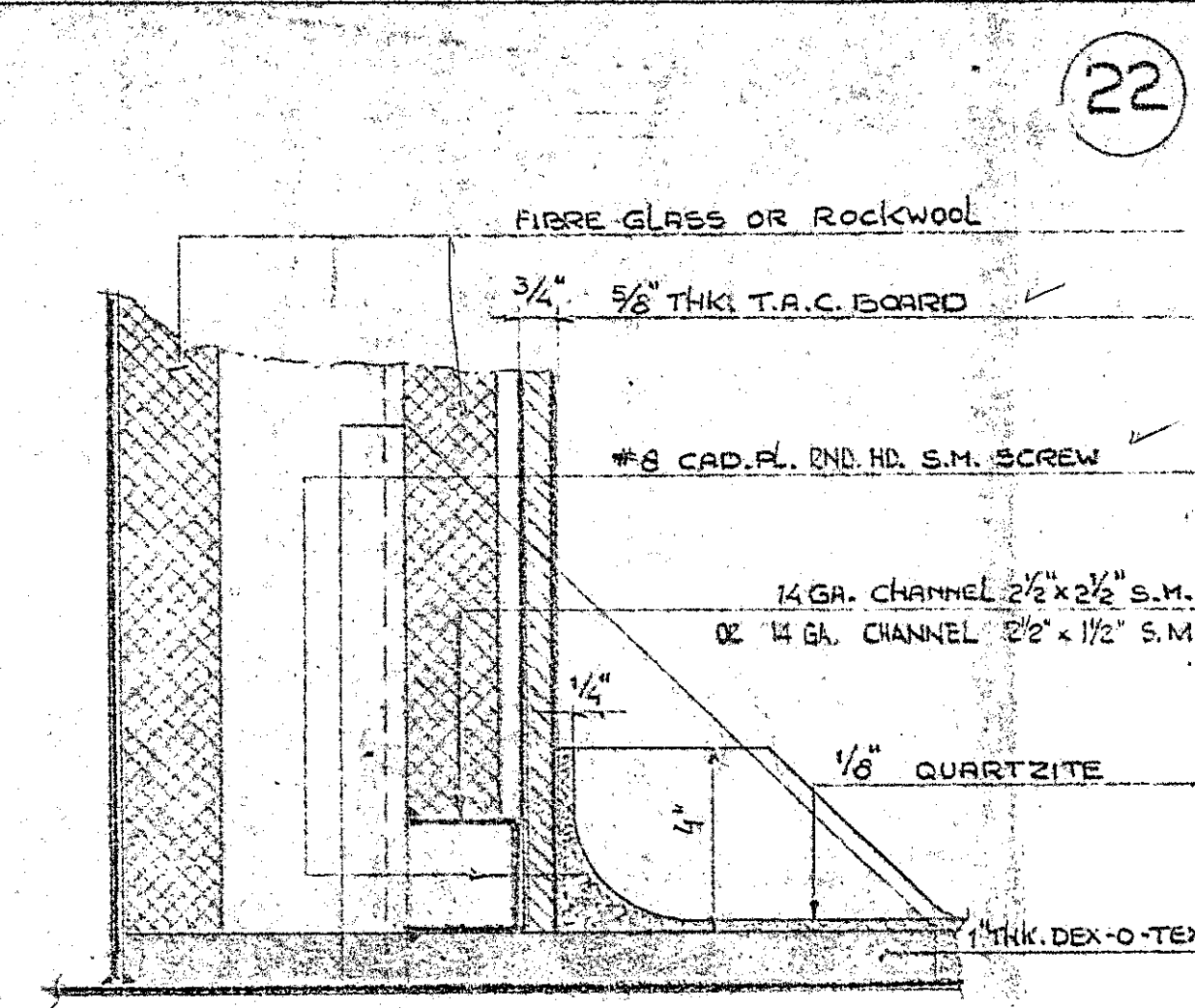
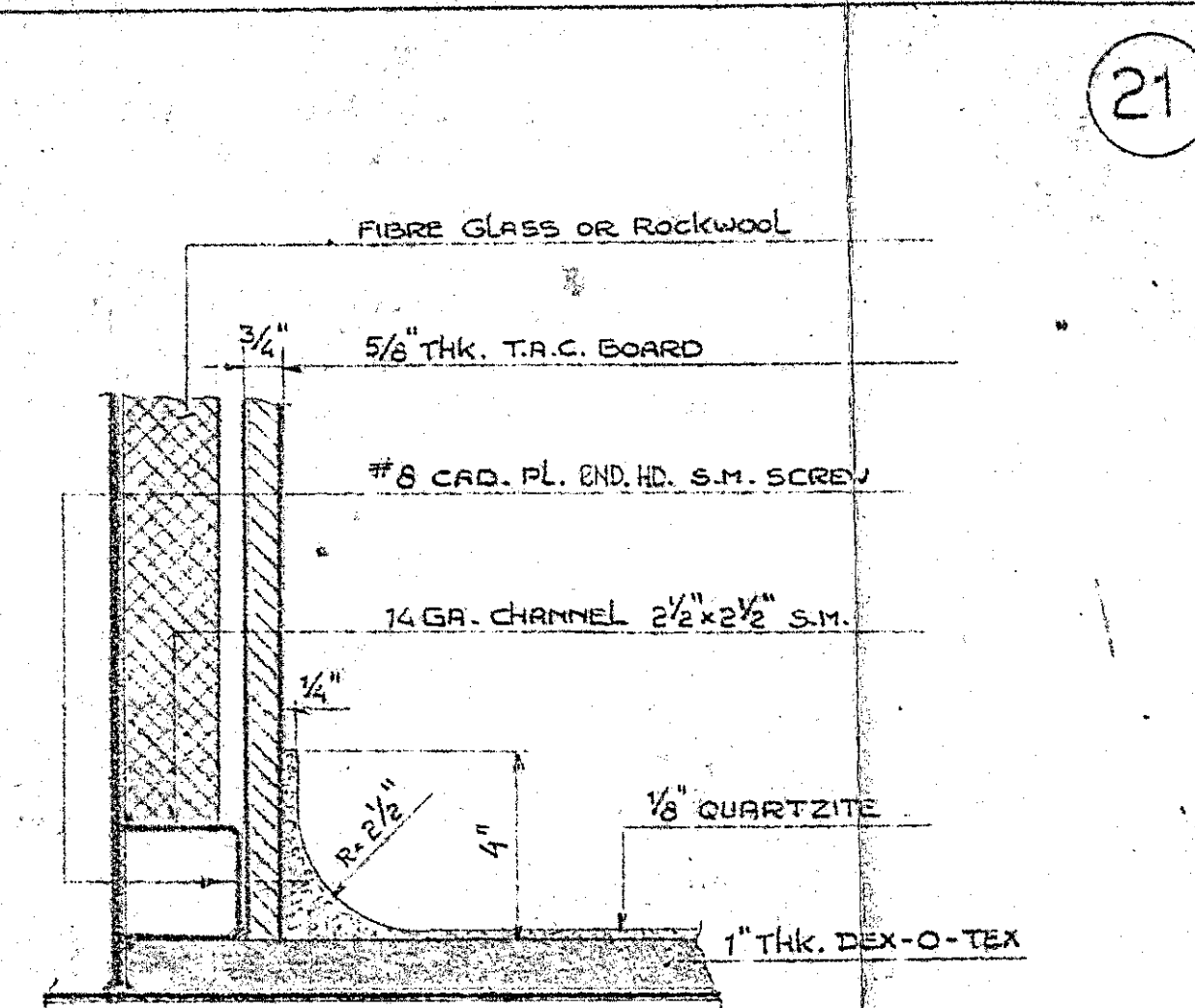
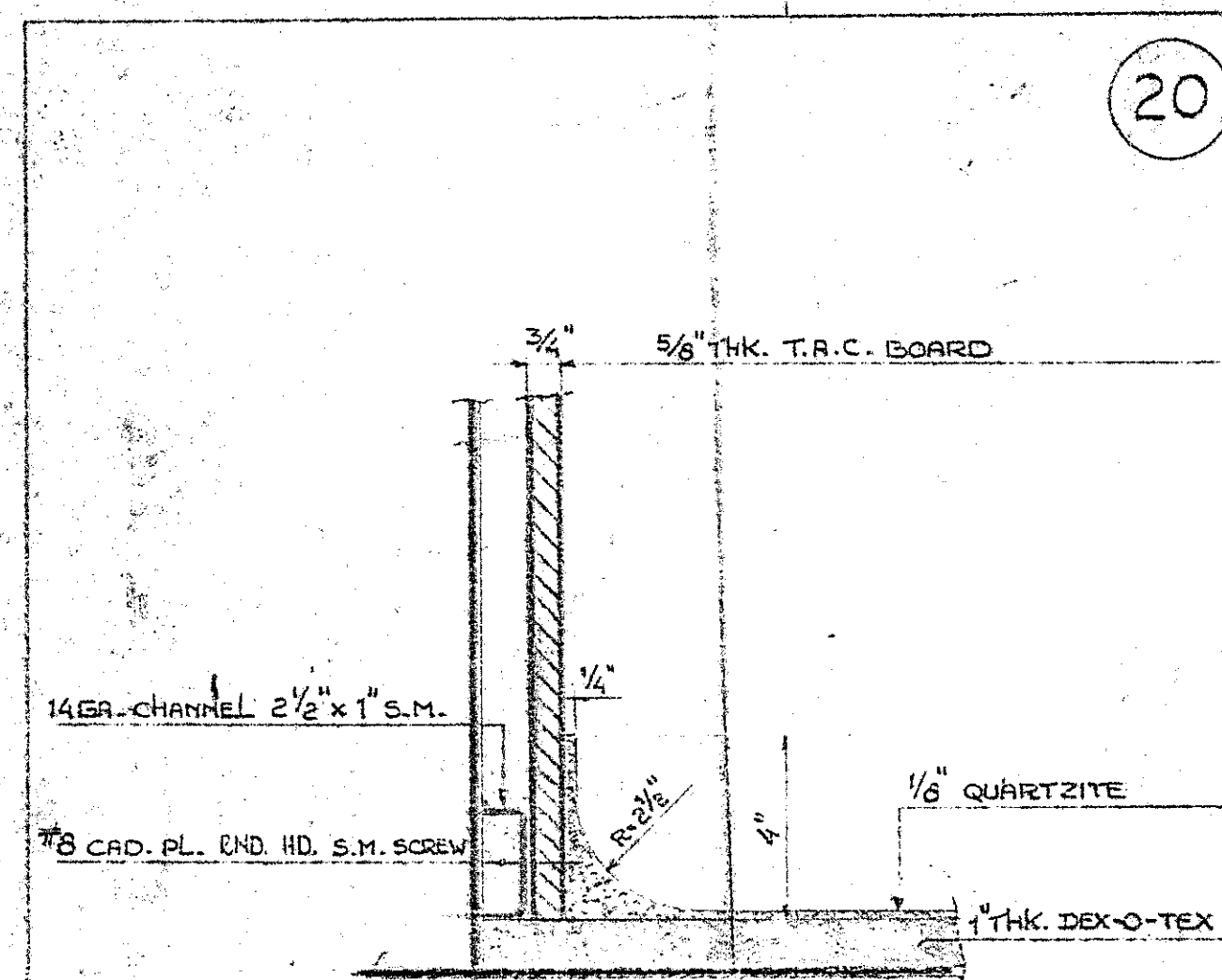
LINING, 3/4" T.A.C. BOARD WITH ARBORITE FACING

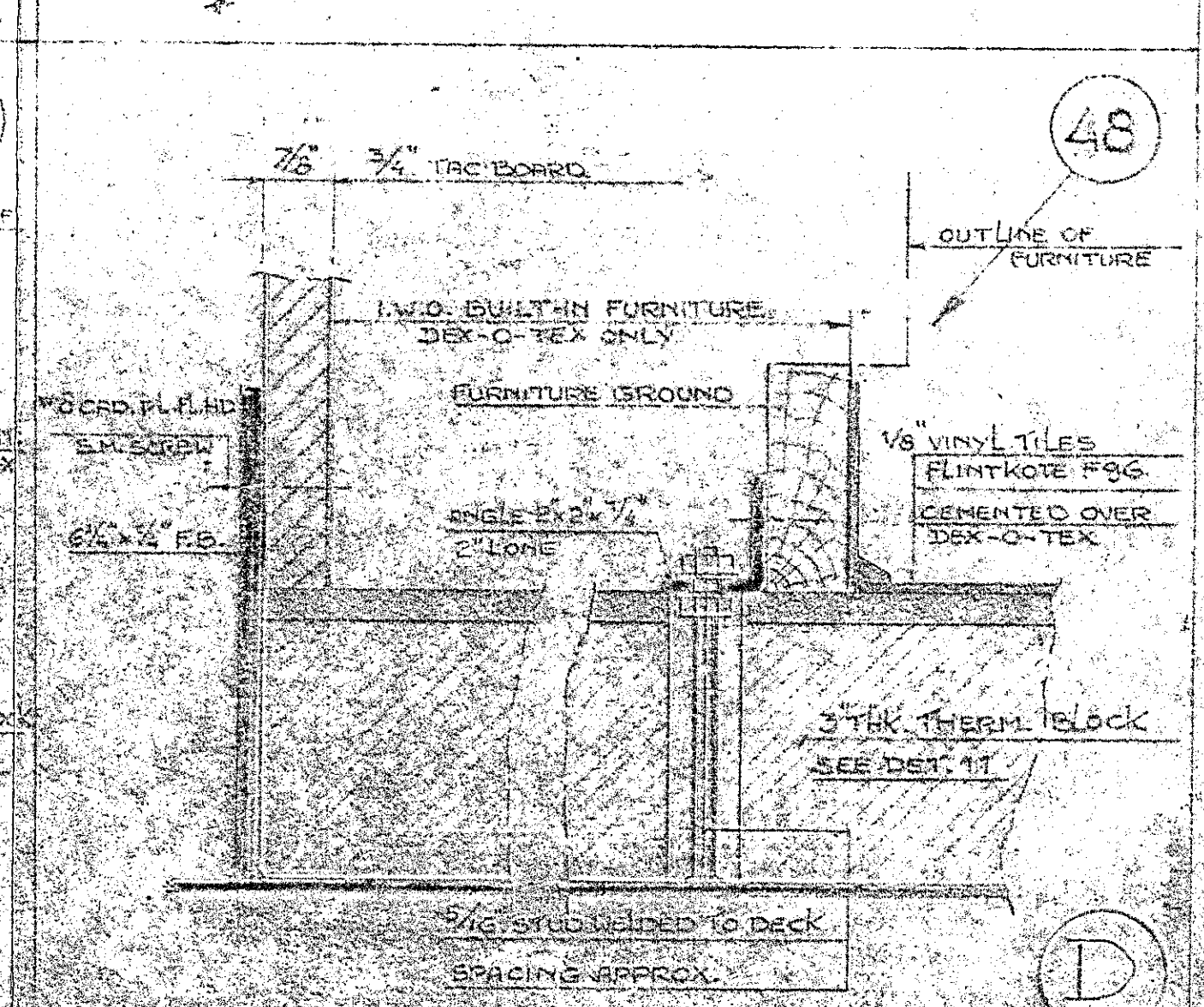
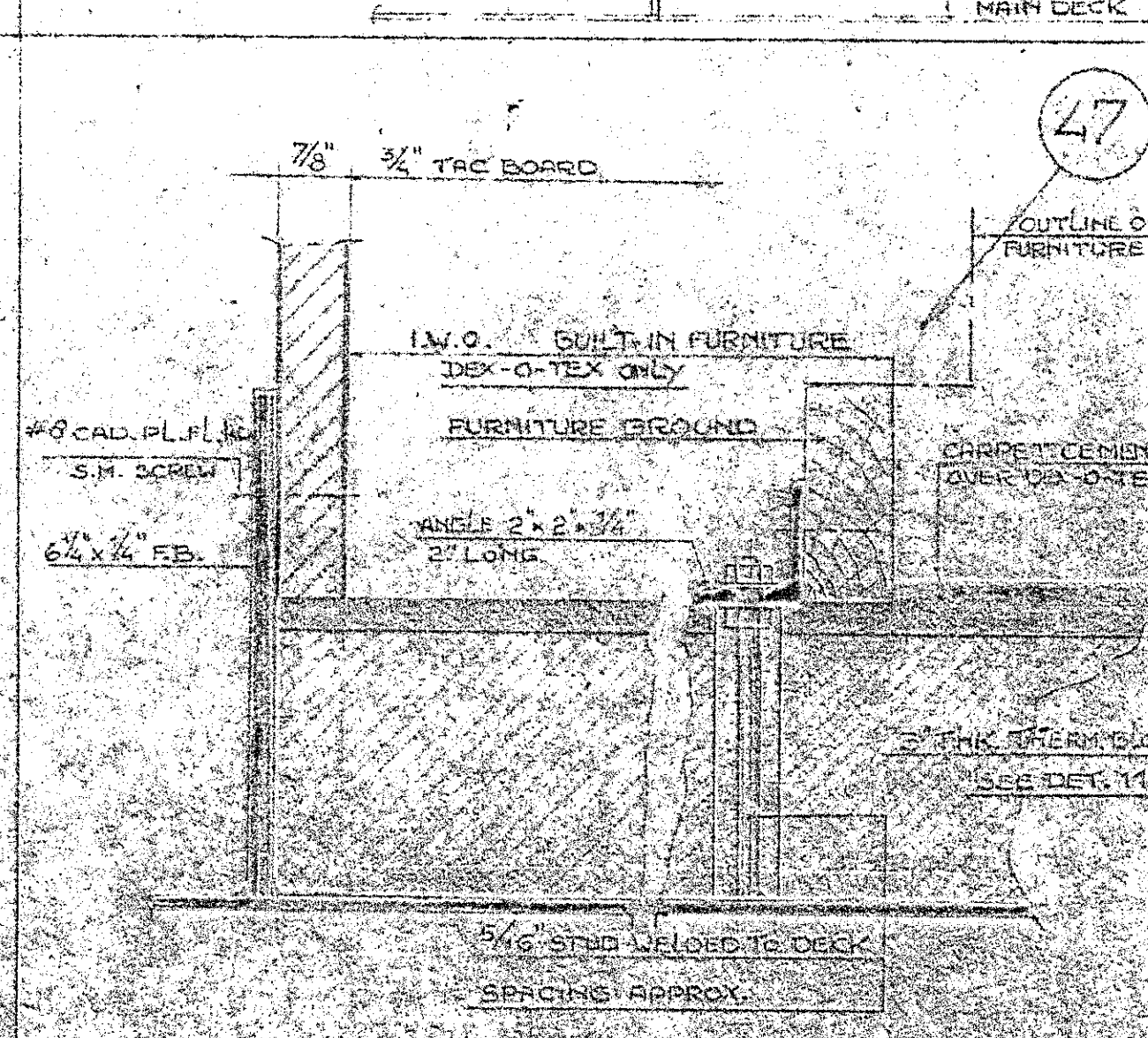
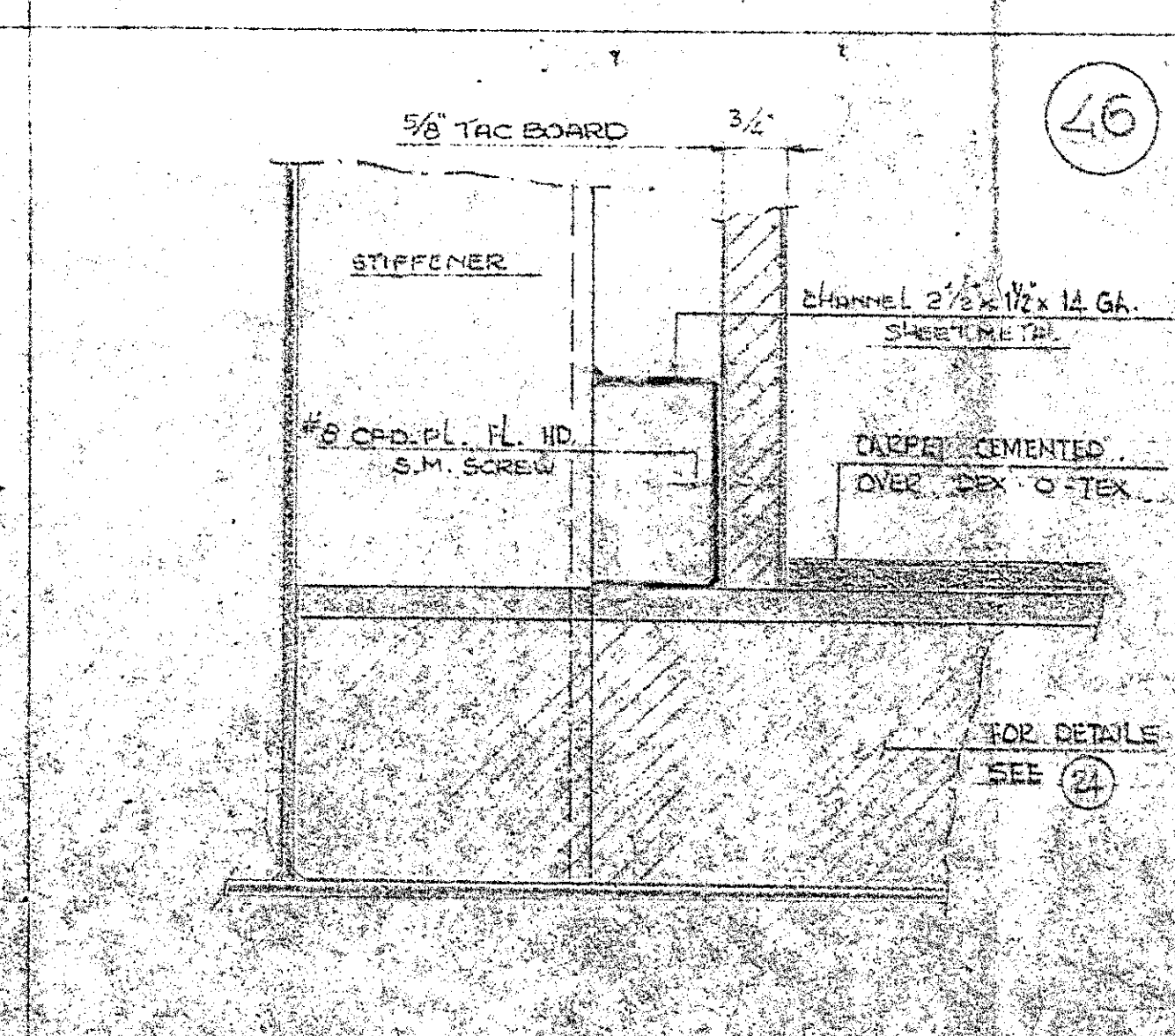
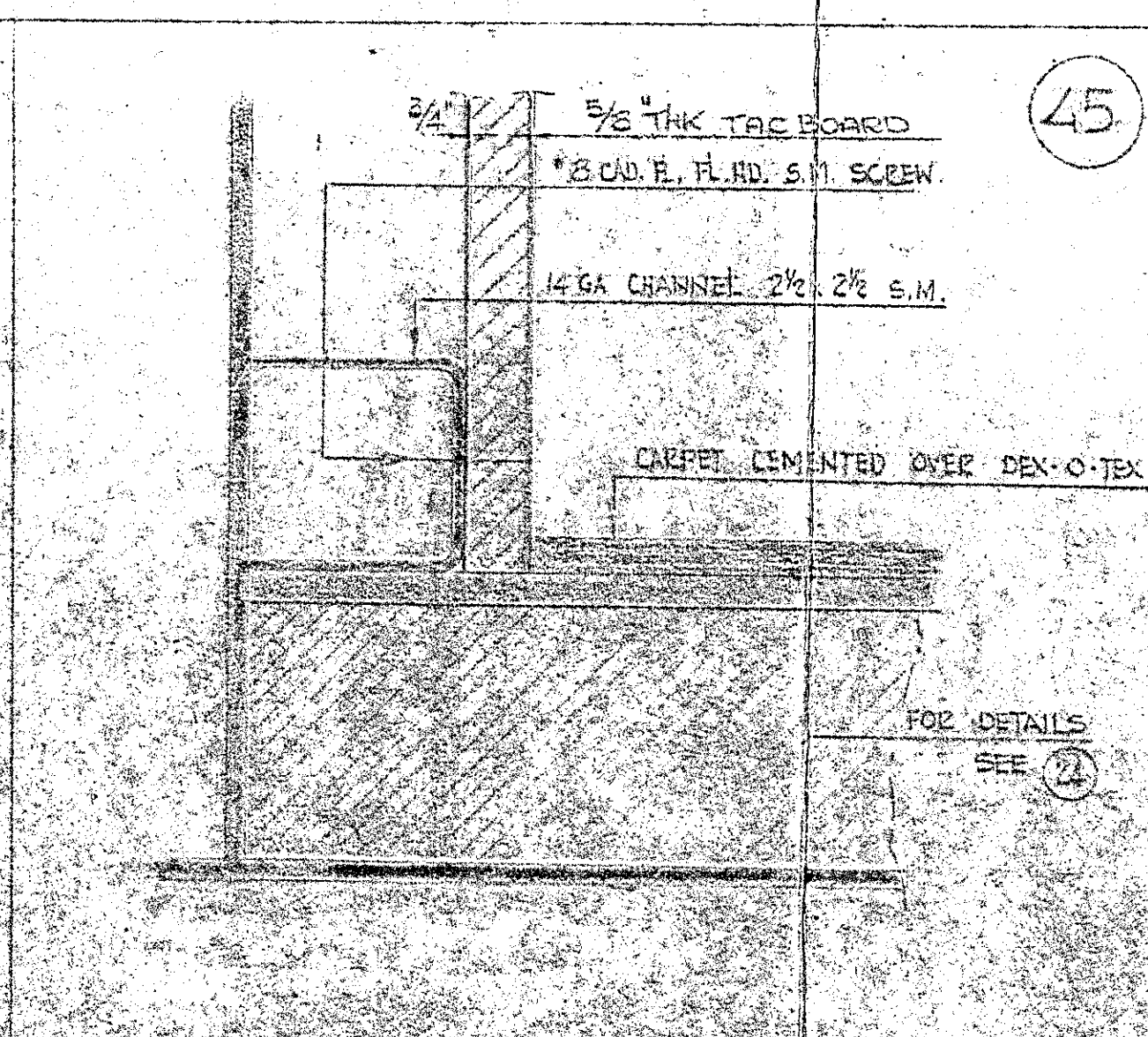
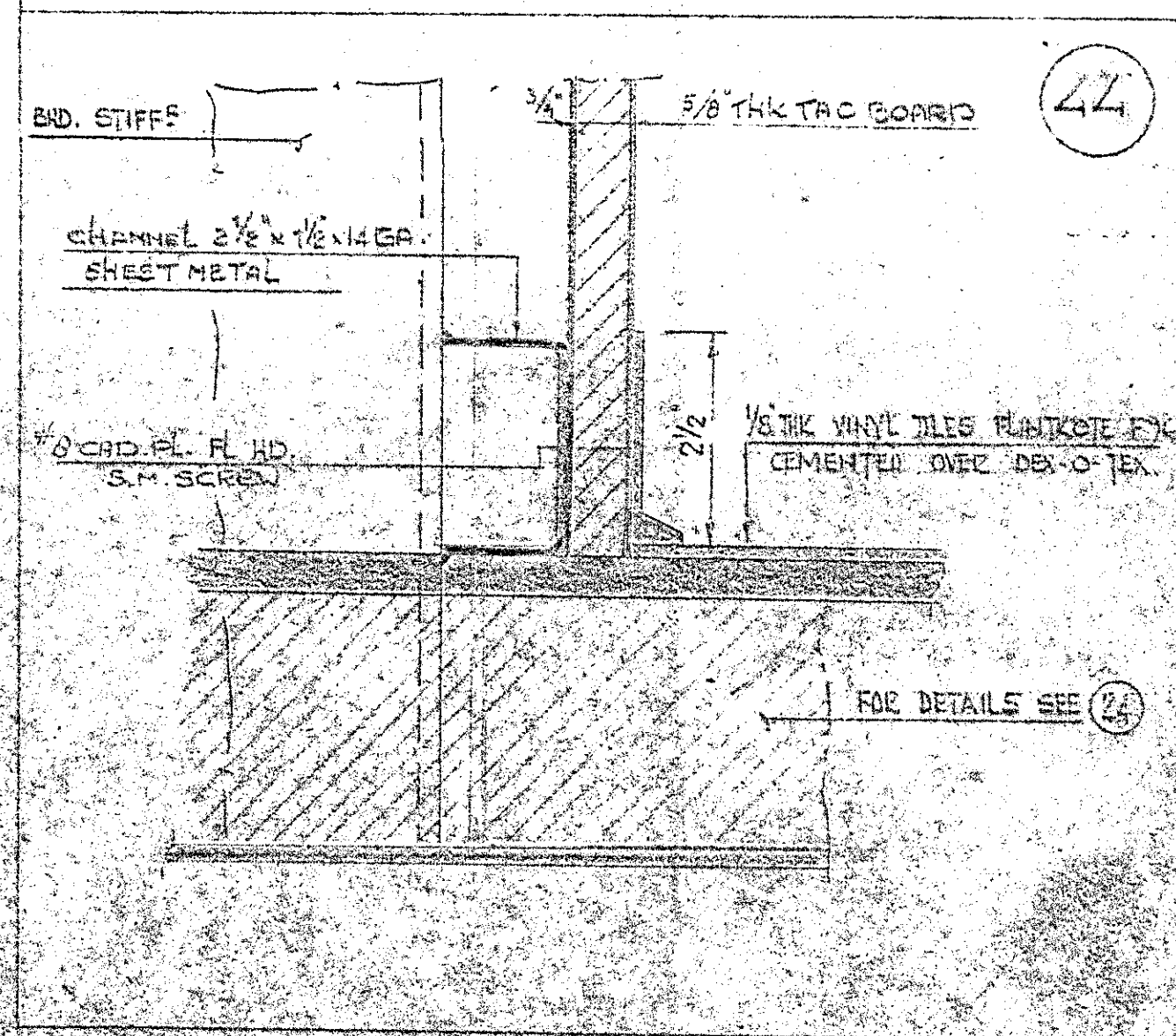
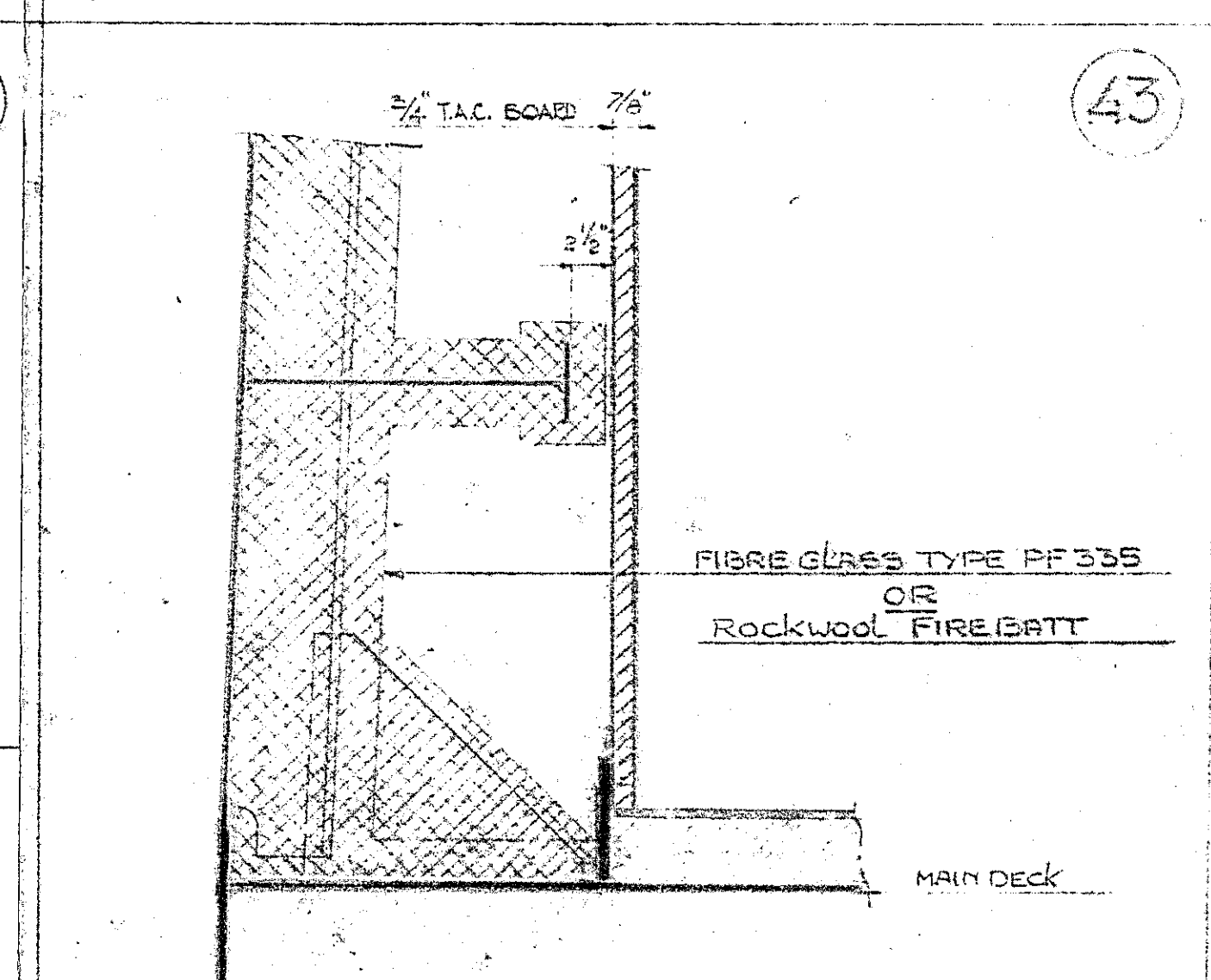
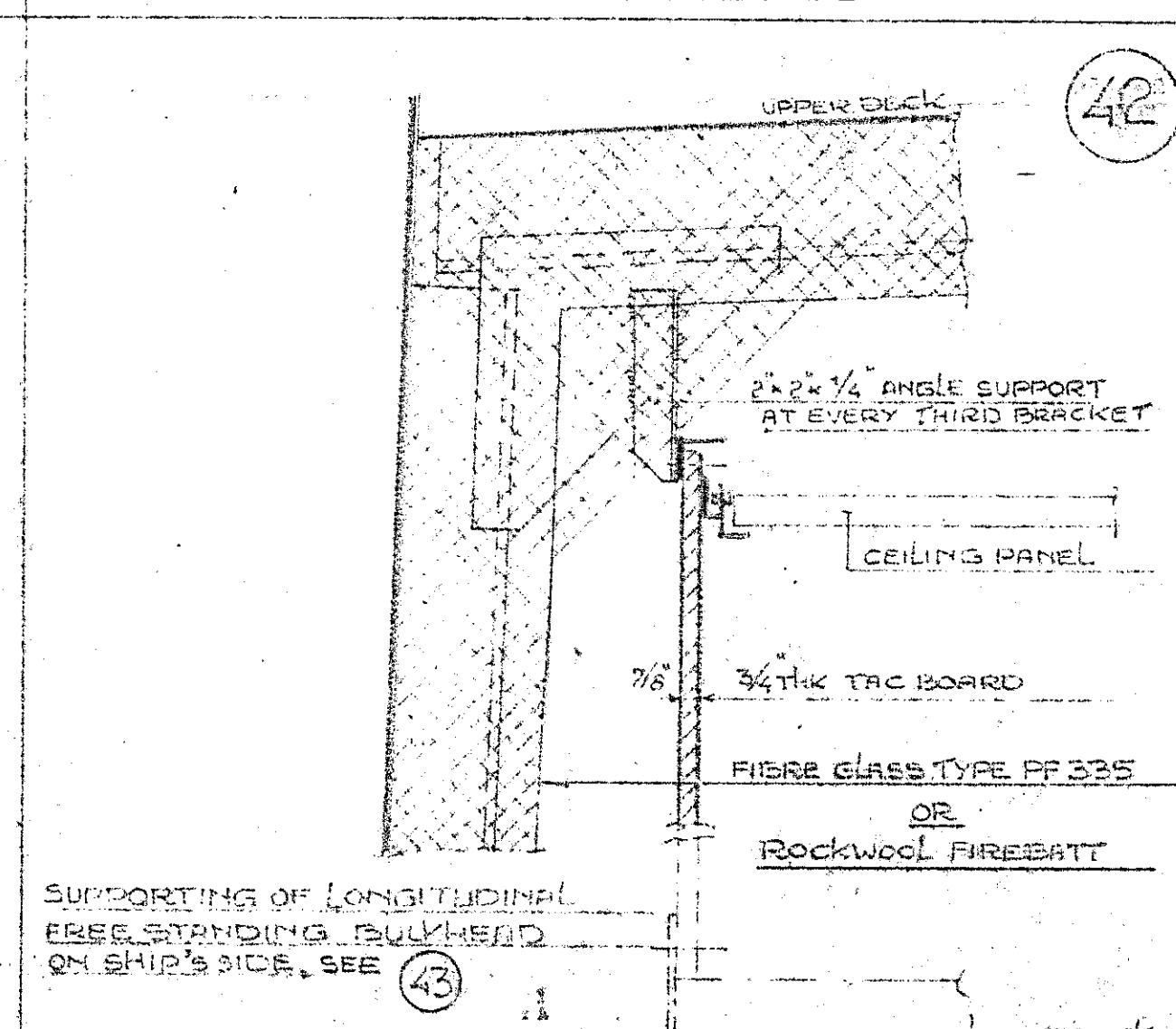
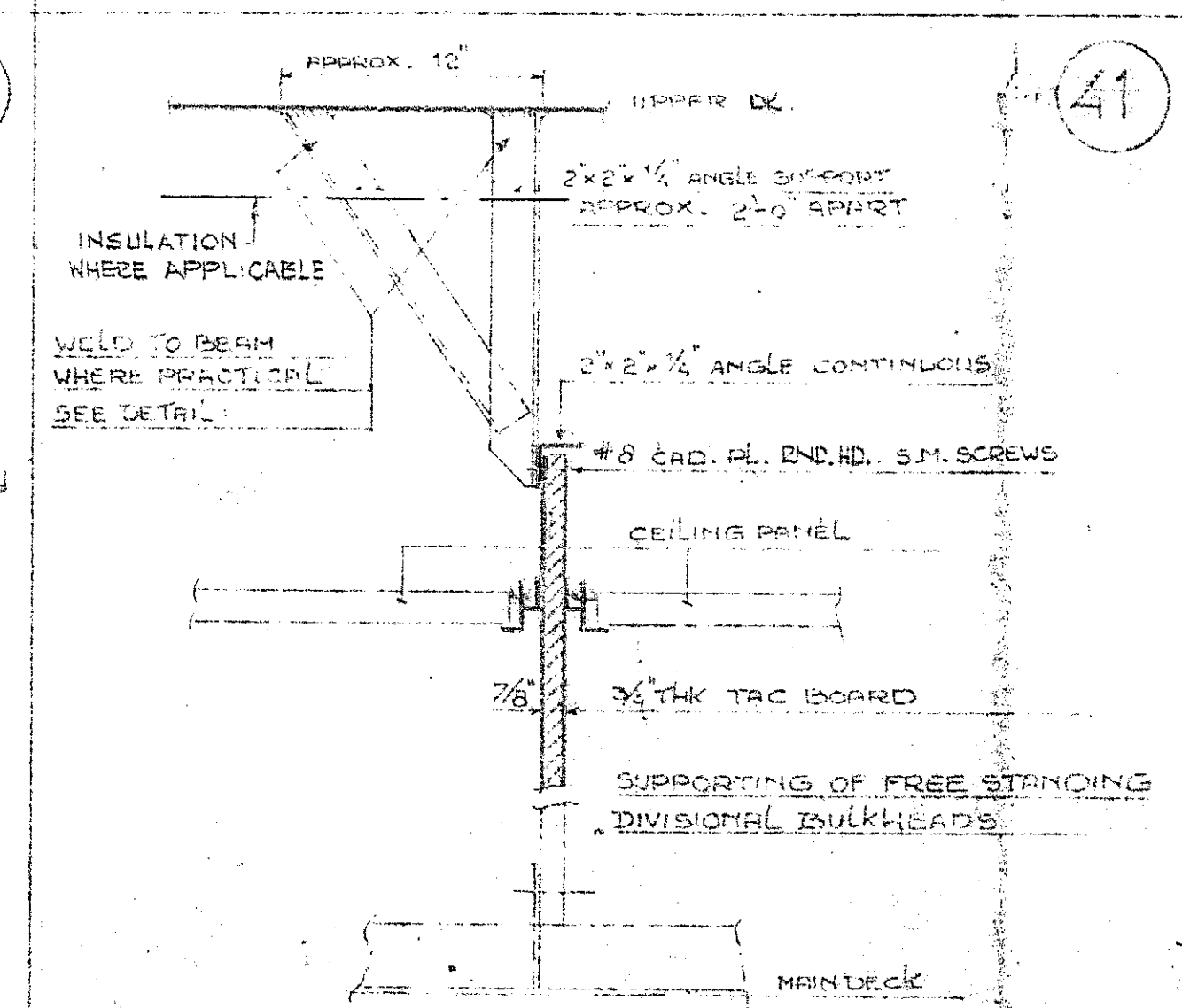
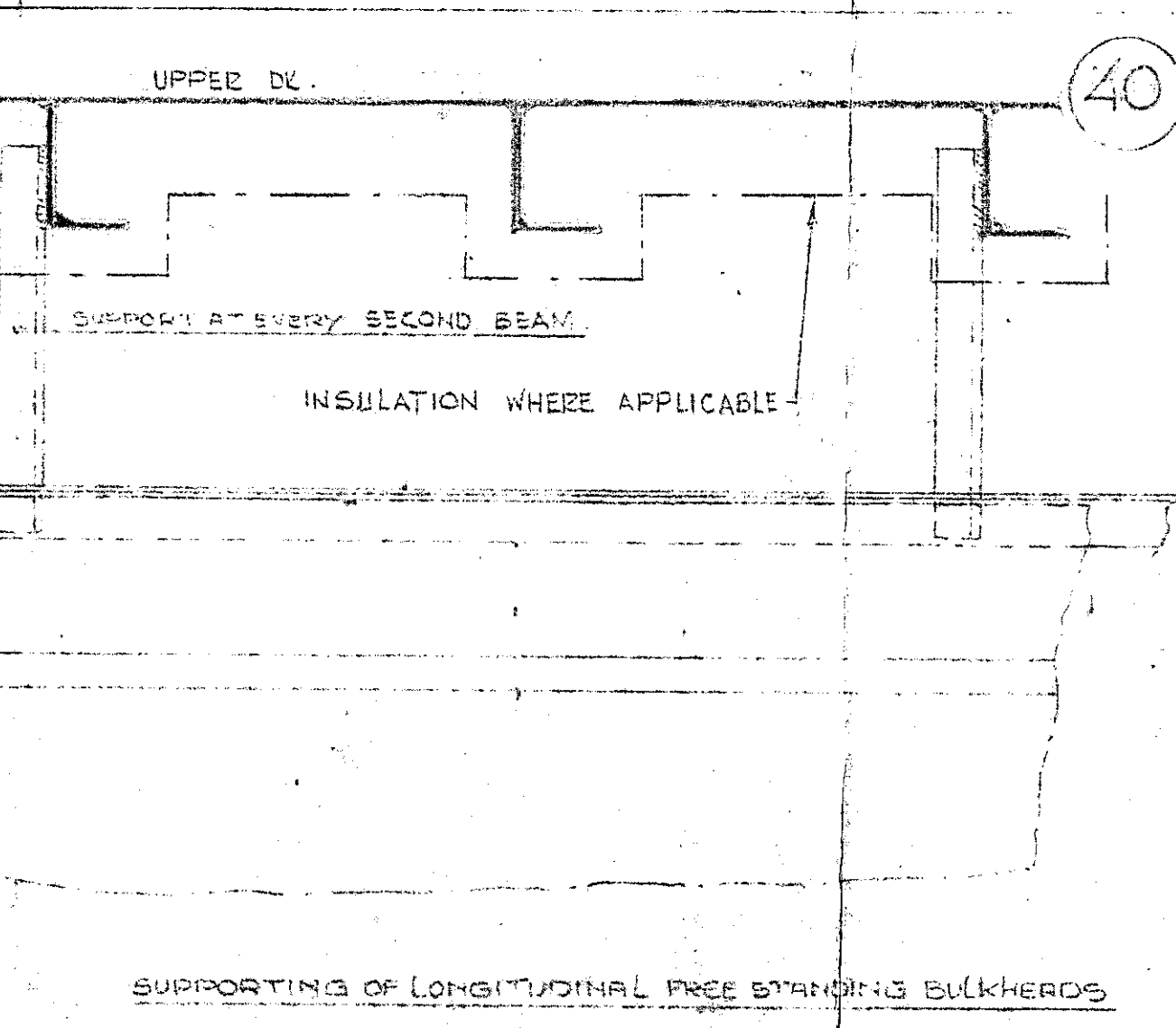
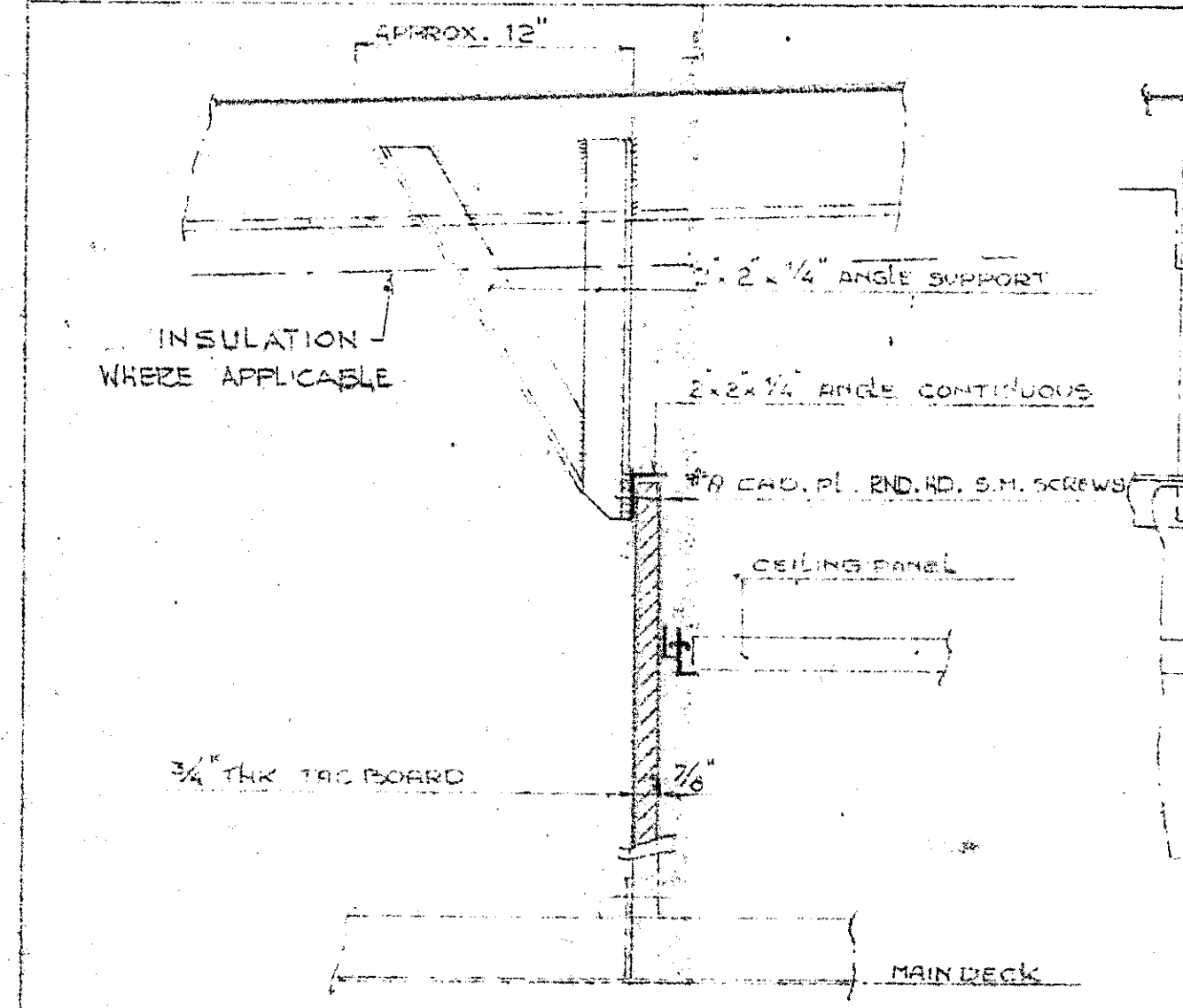
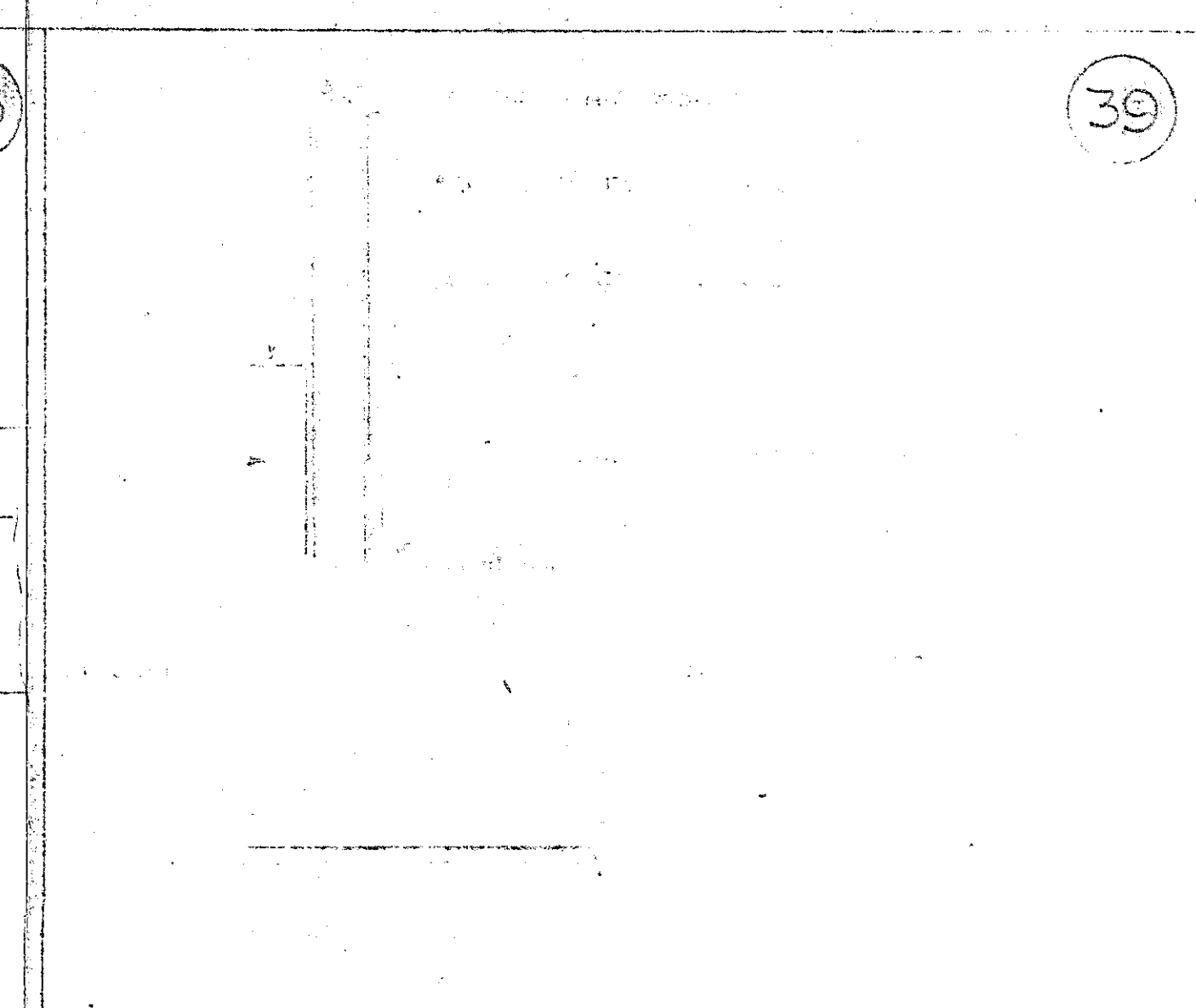
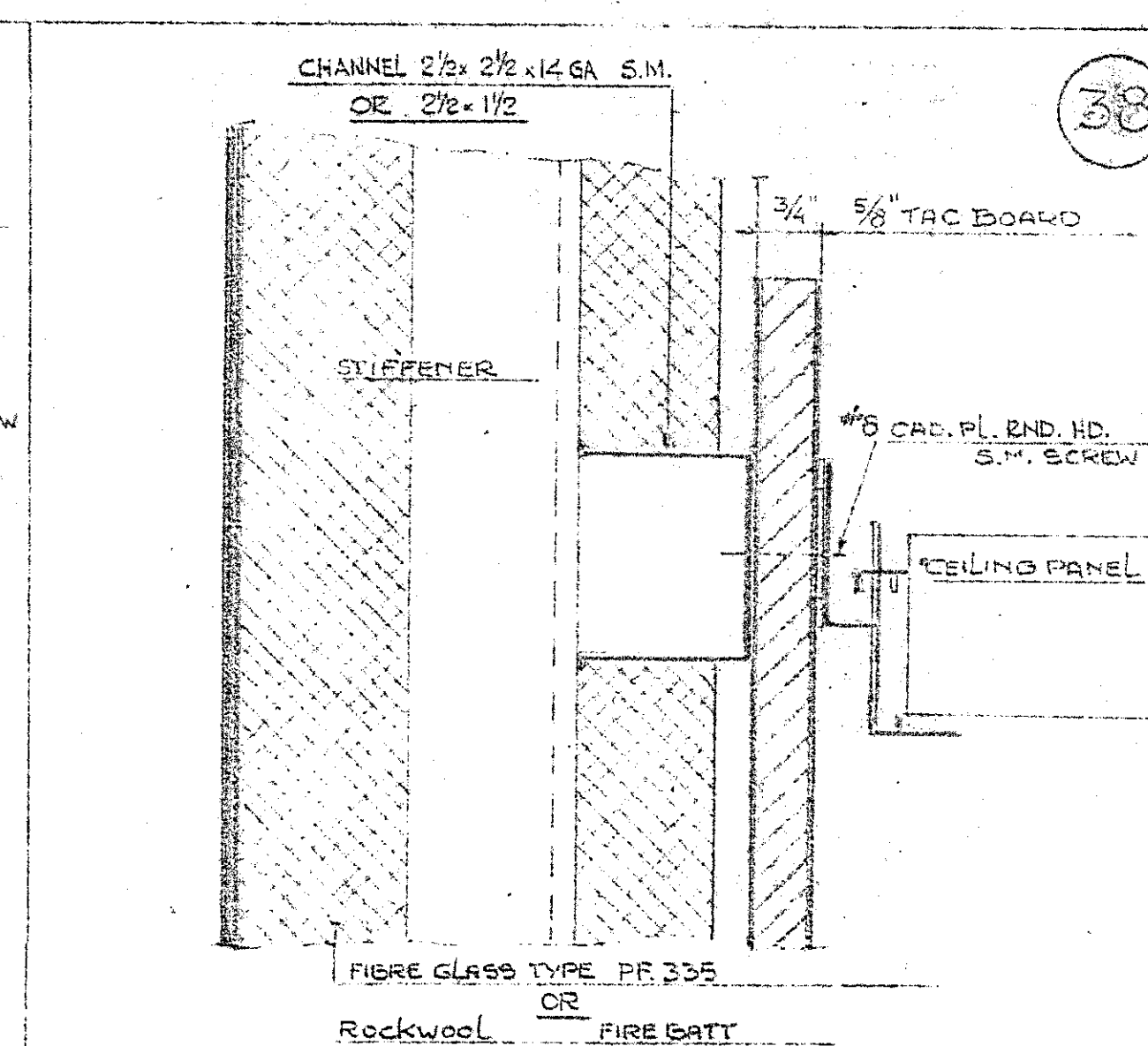
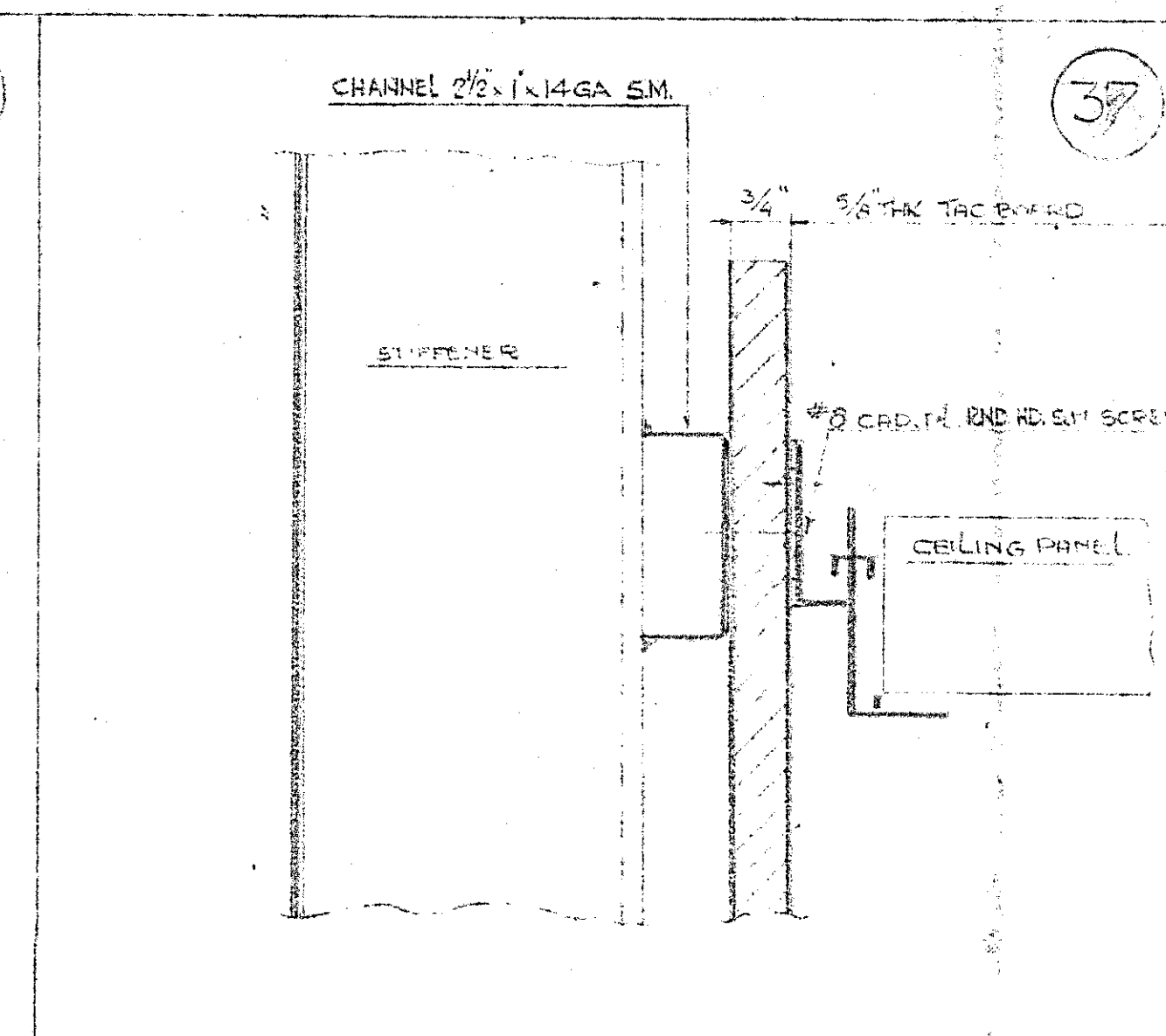
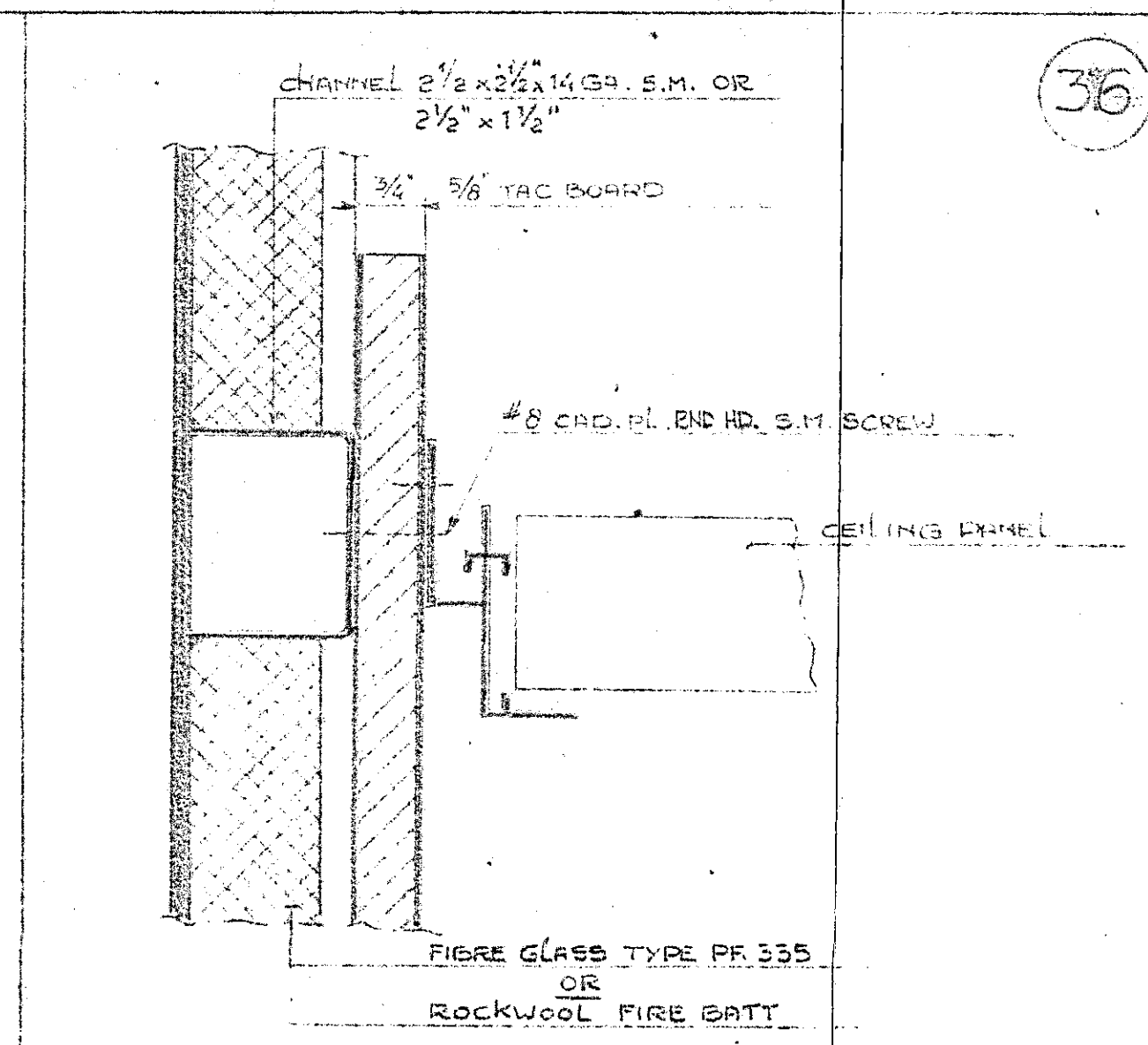
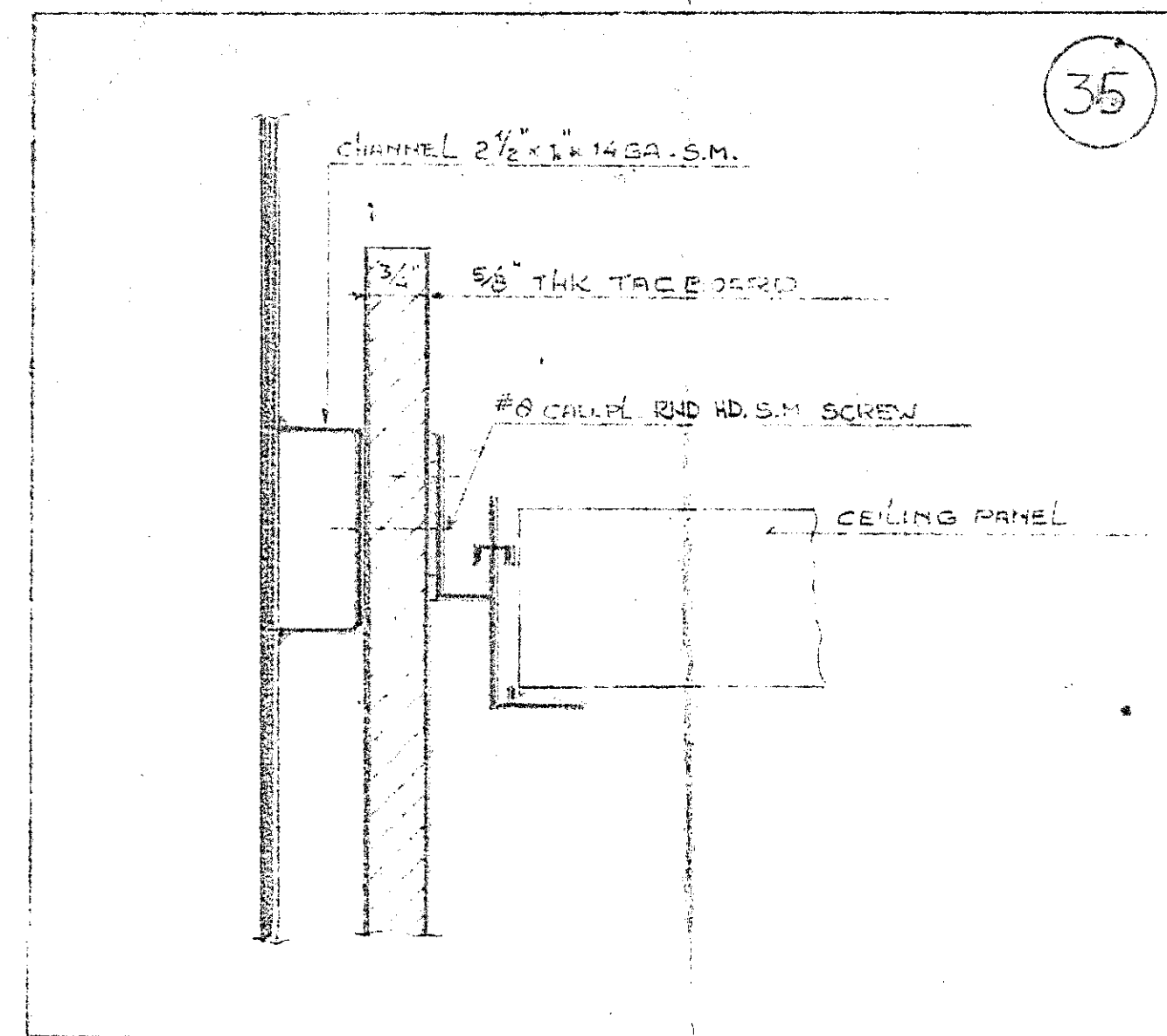
OR SUSPENDED CEILING

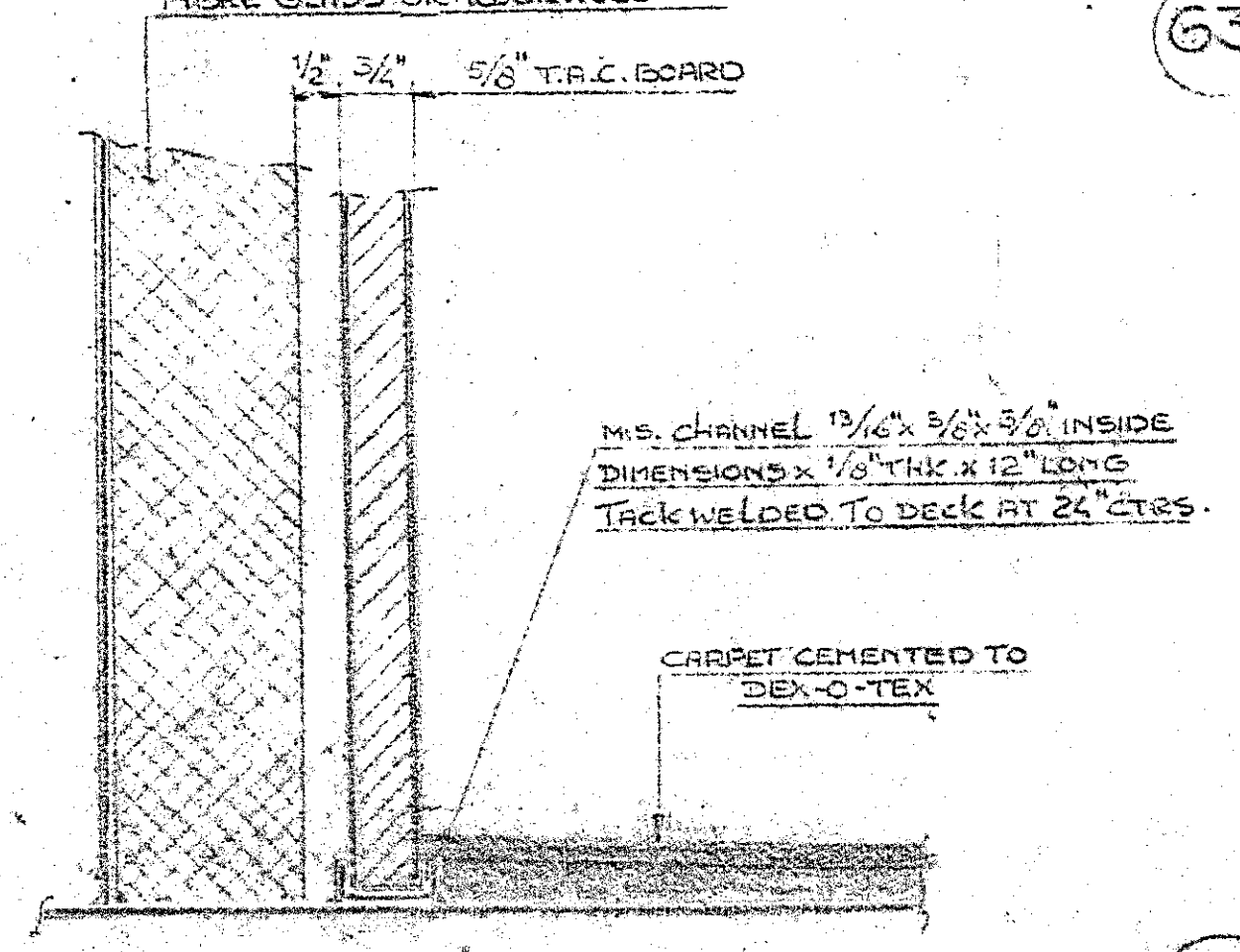
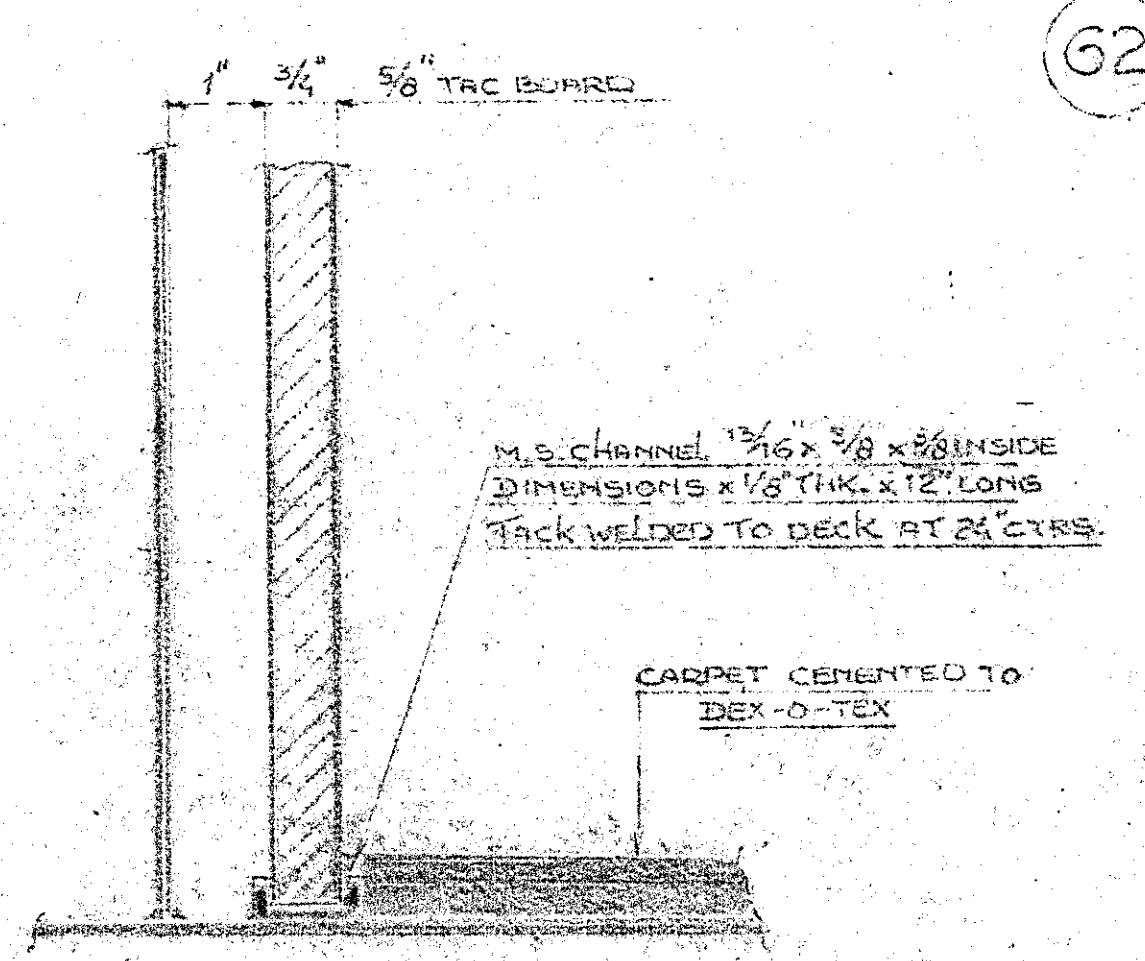
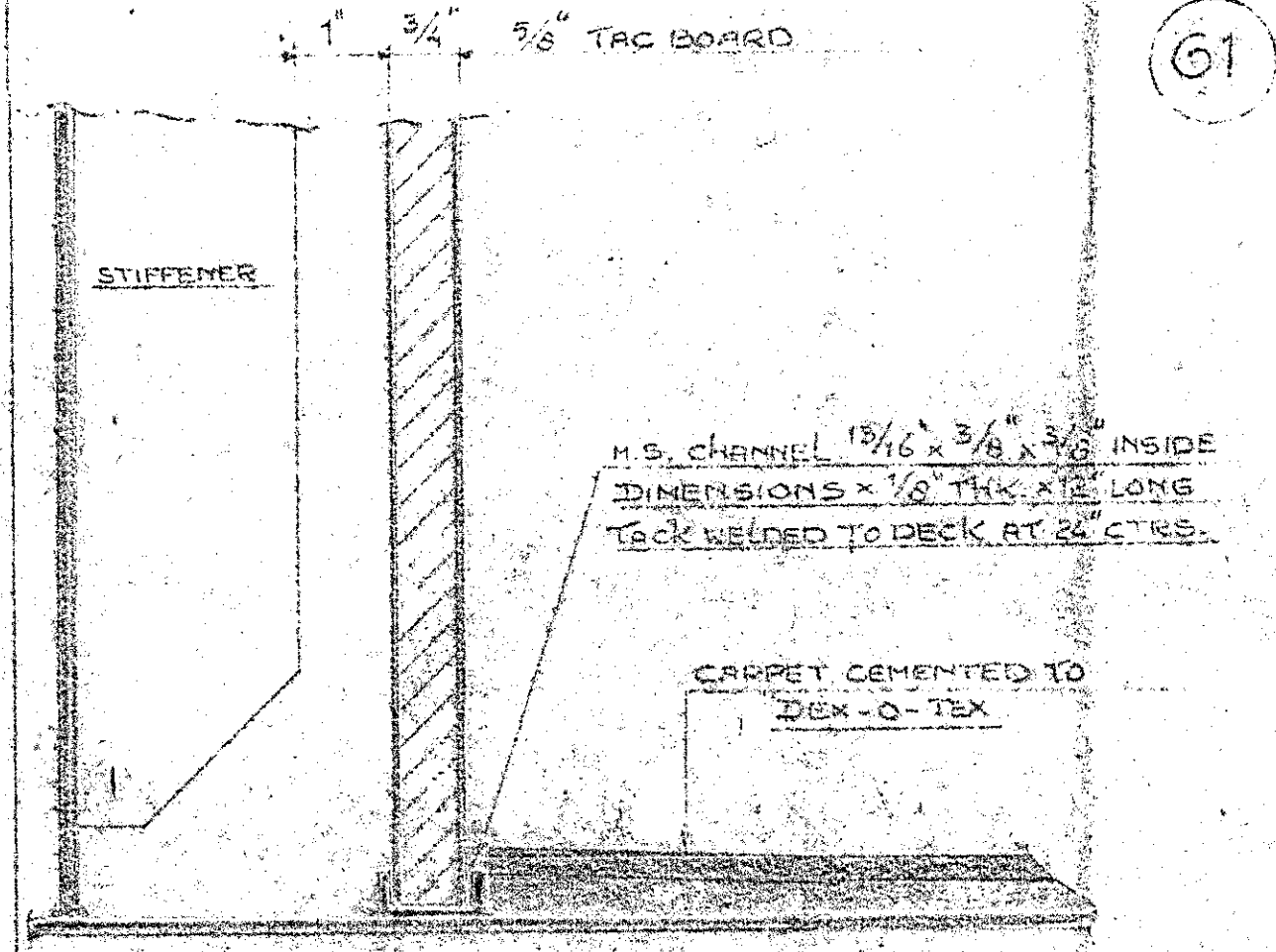
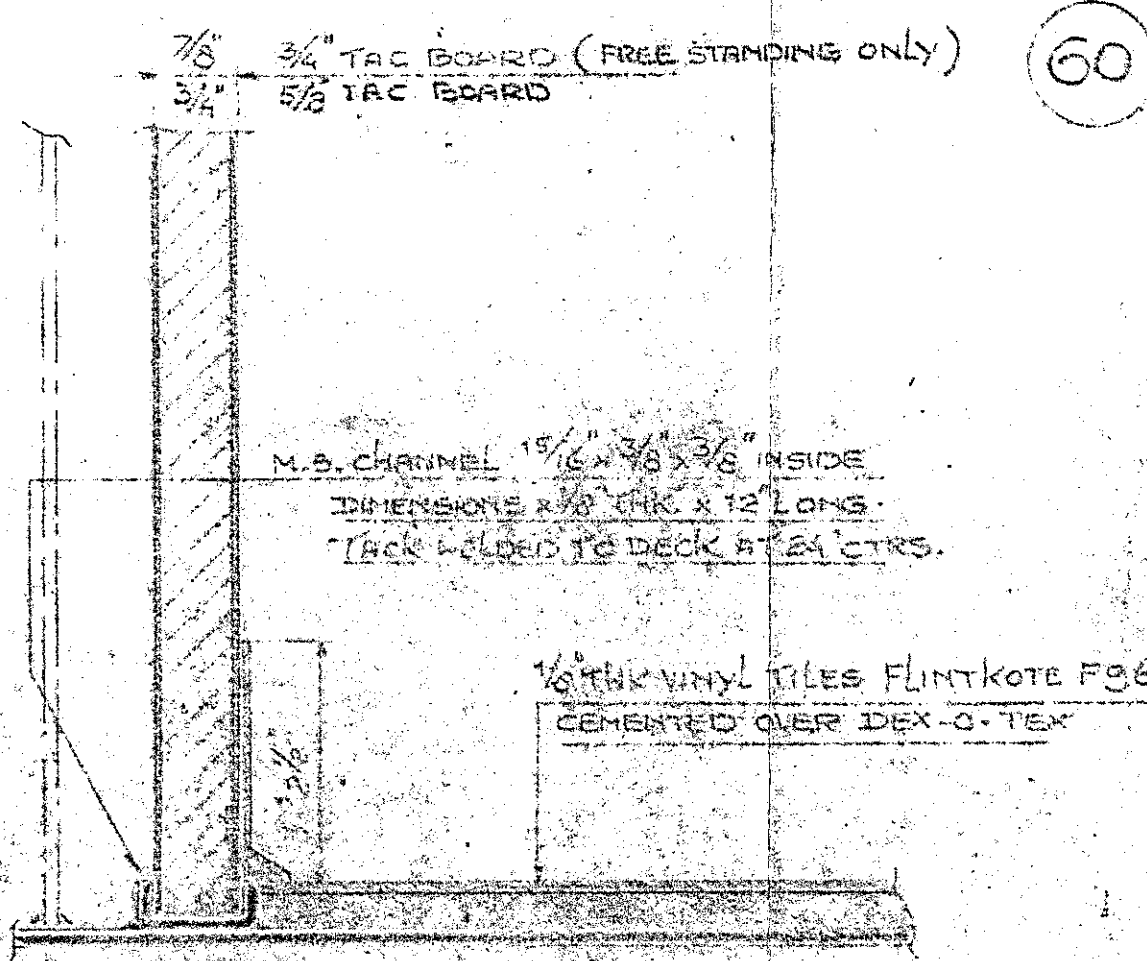
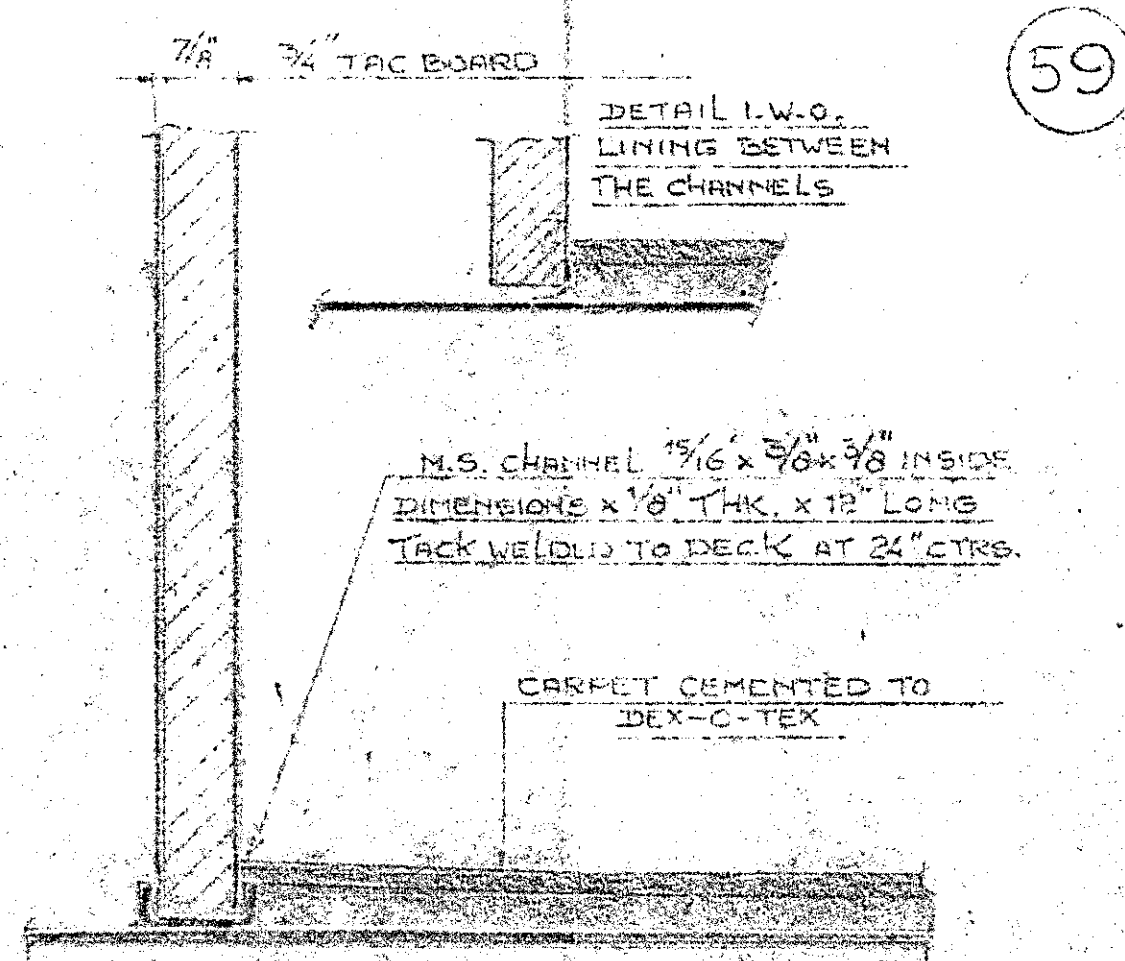
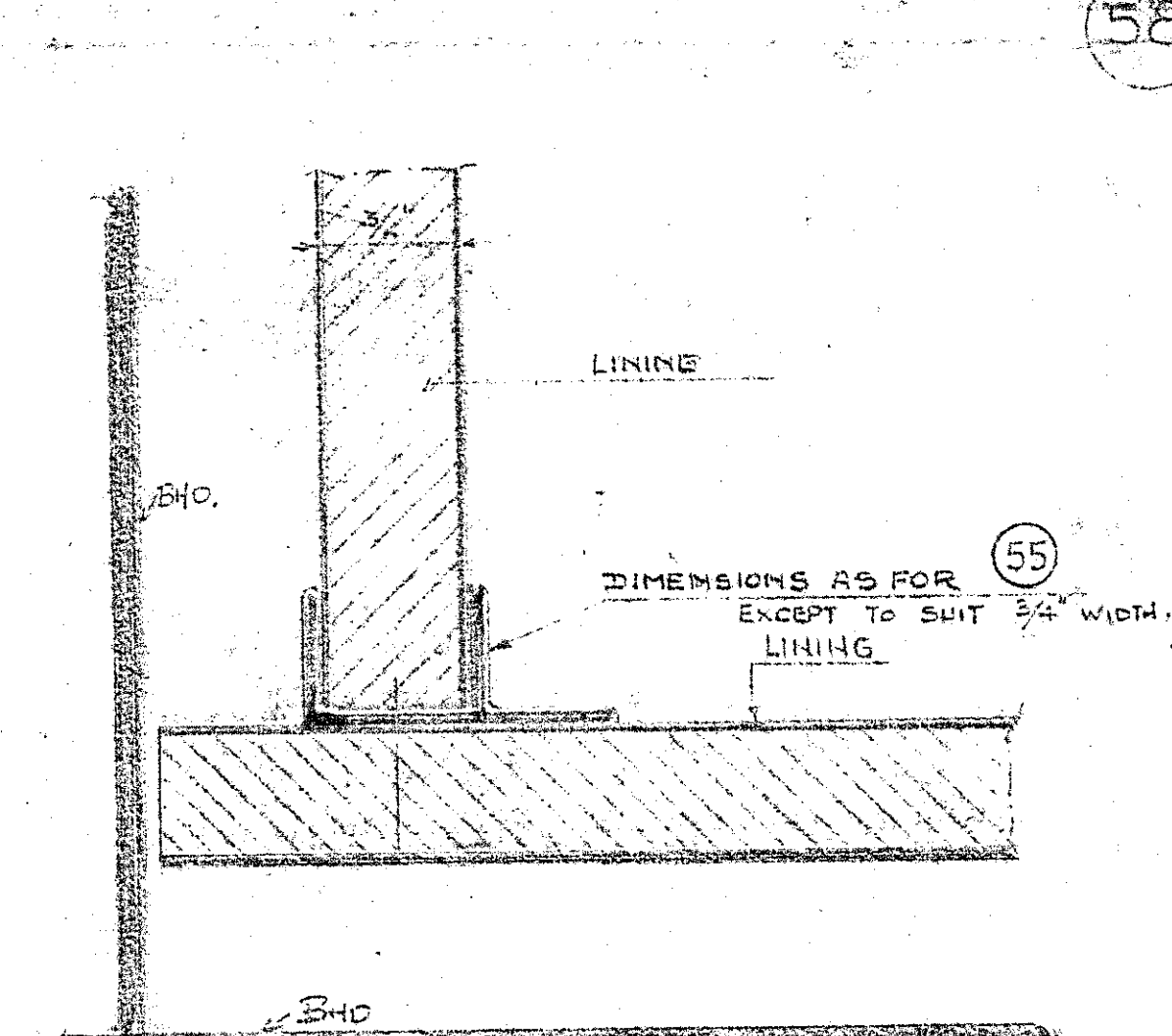
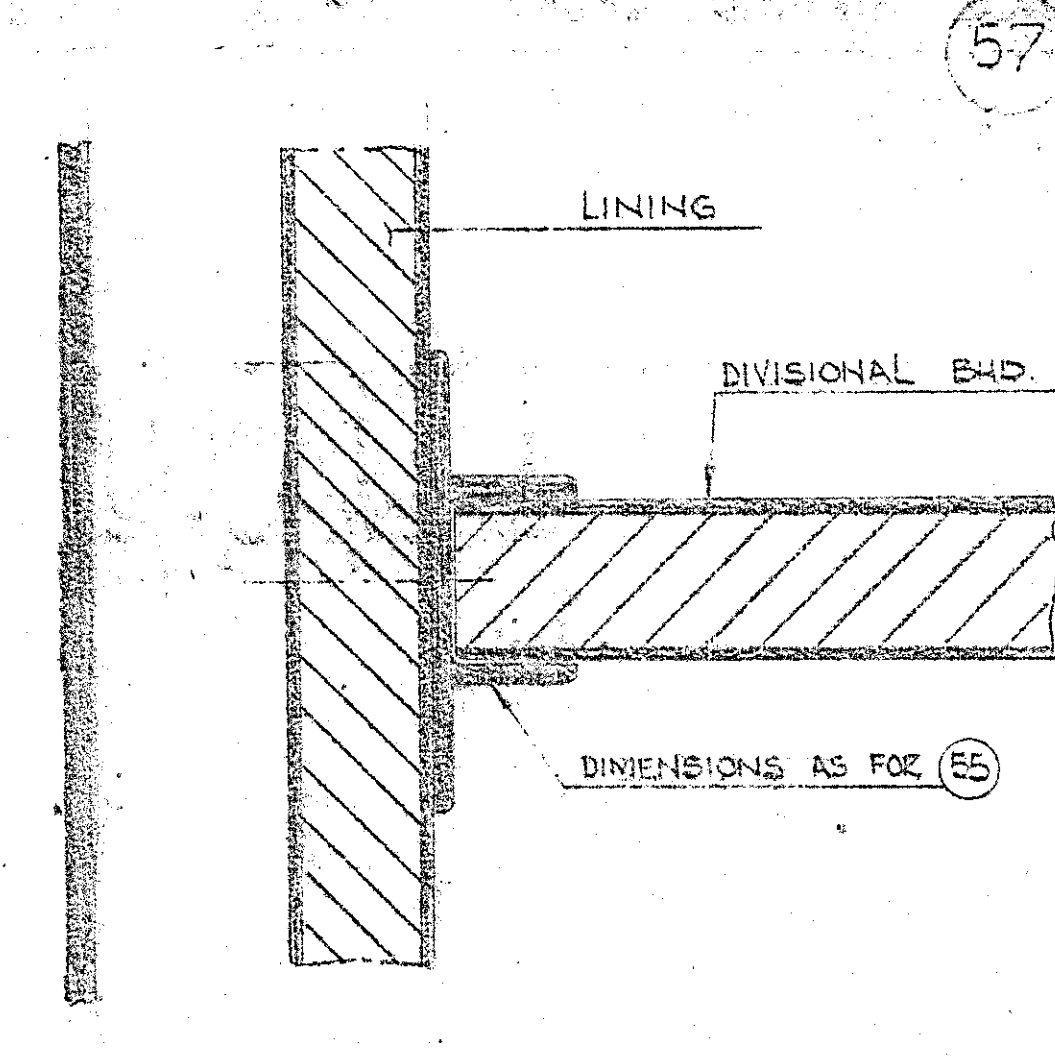
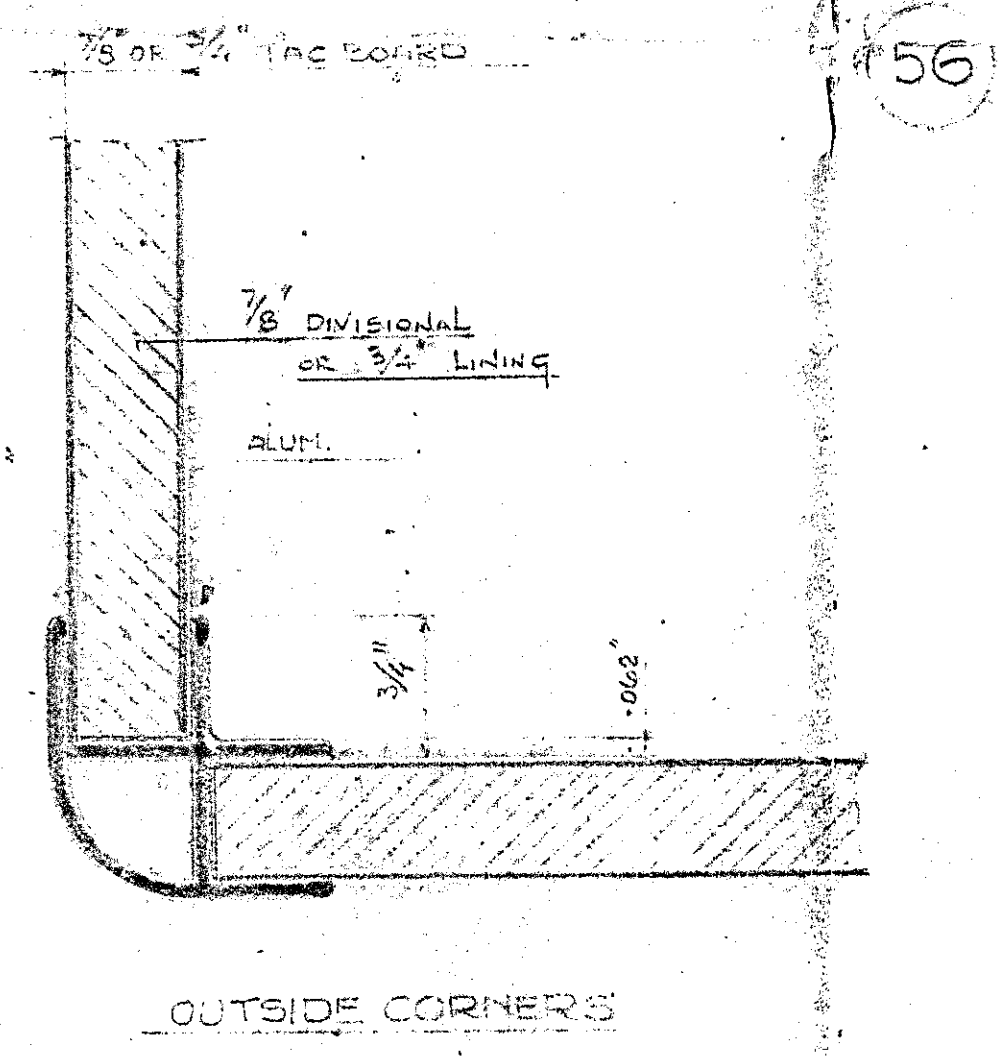
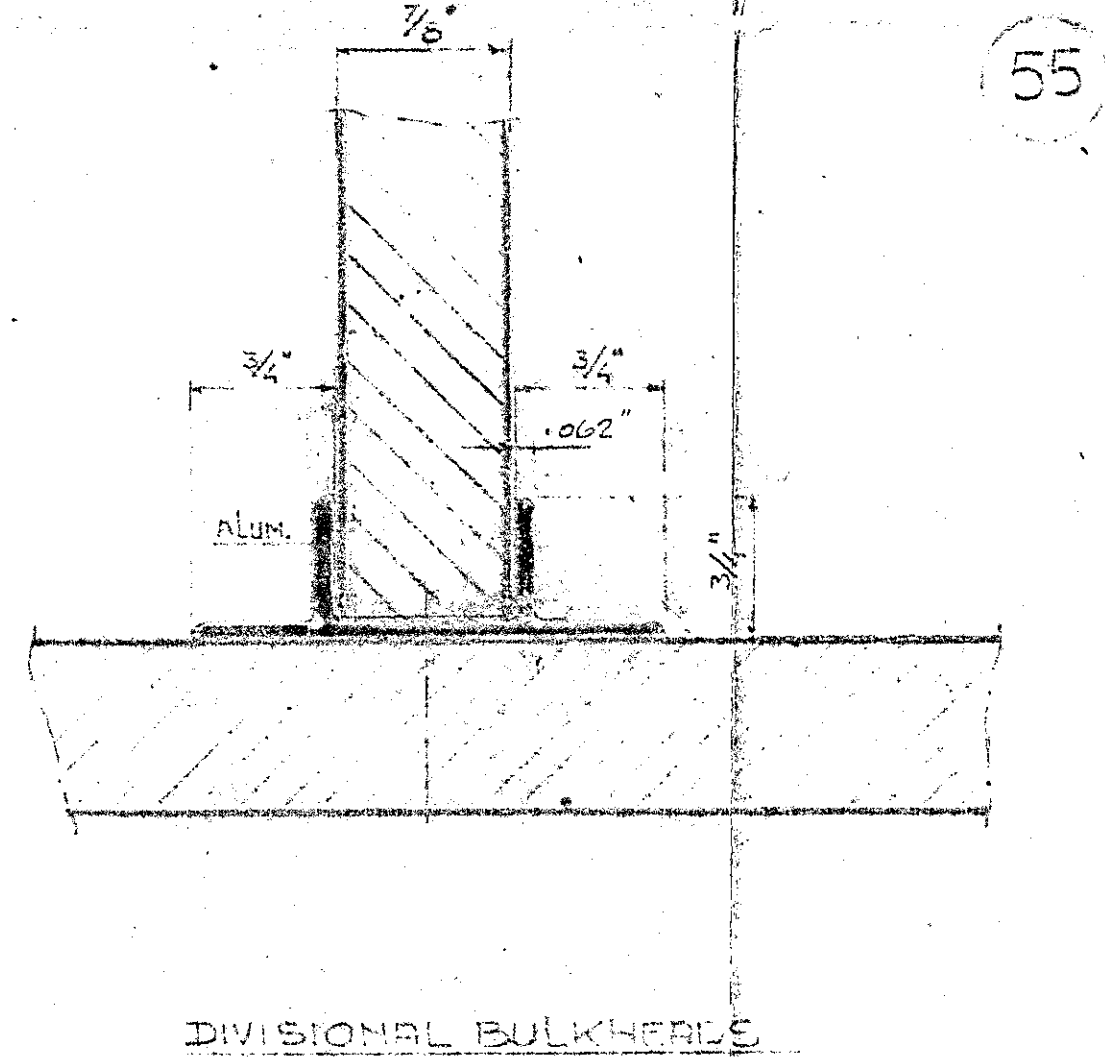
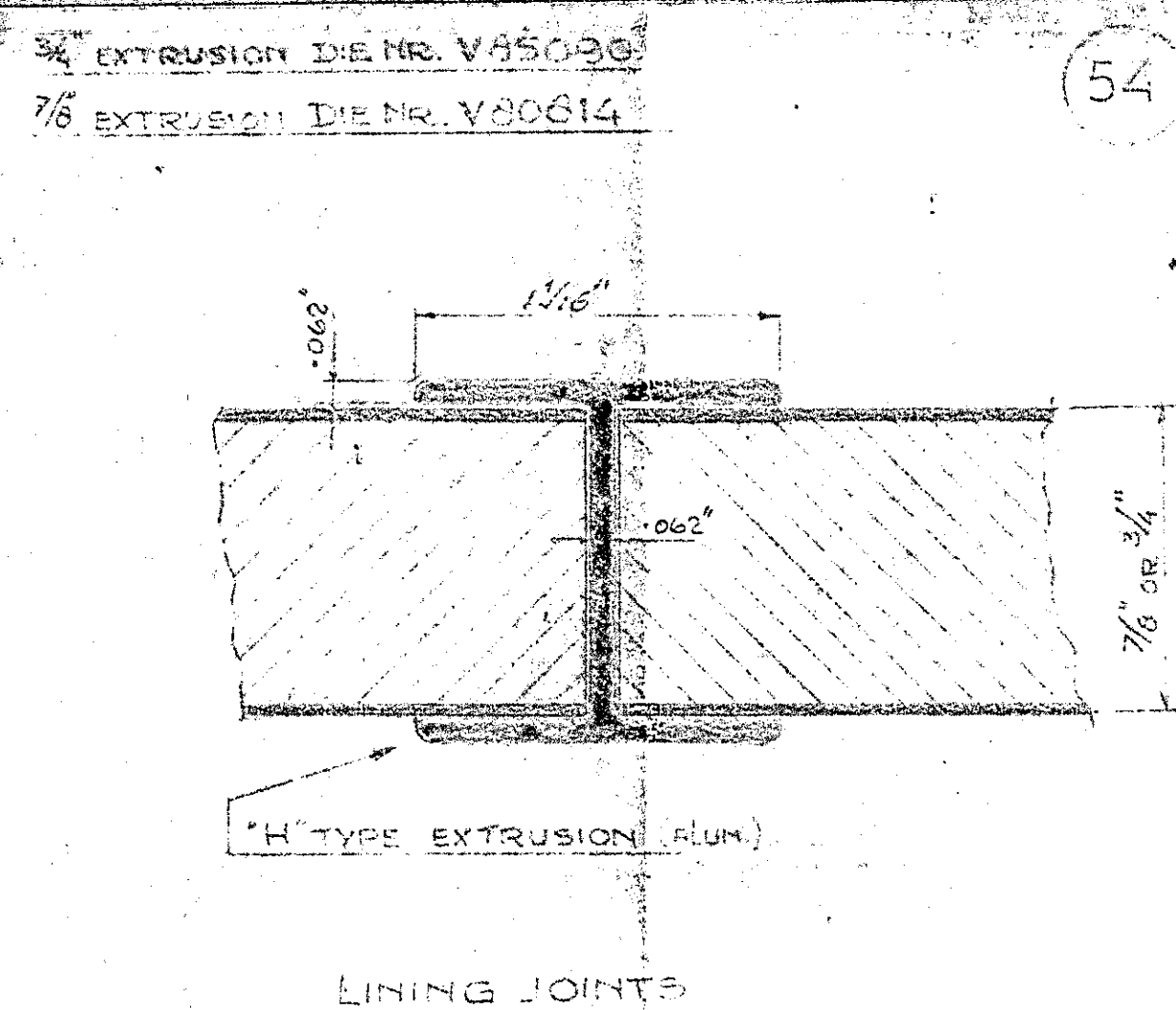
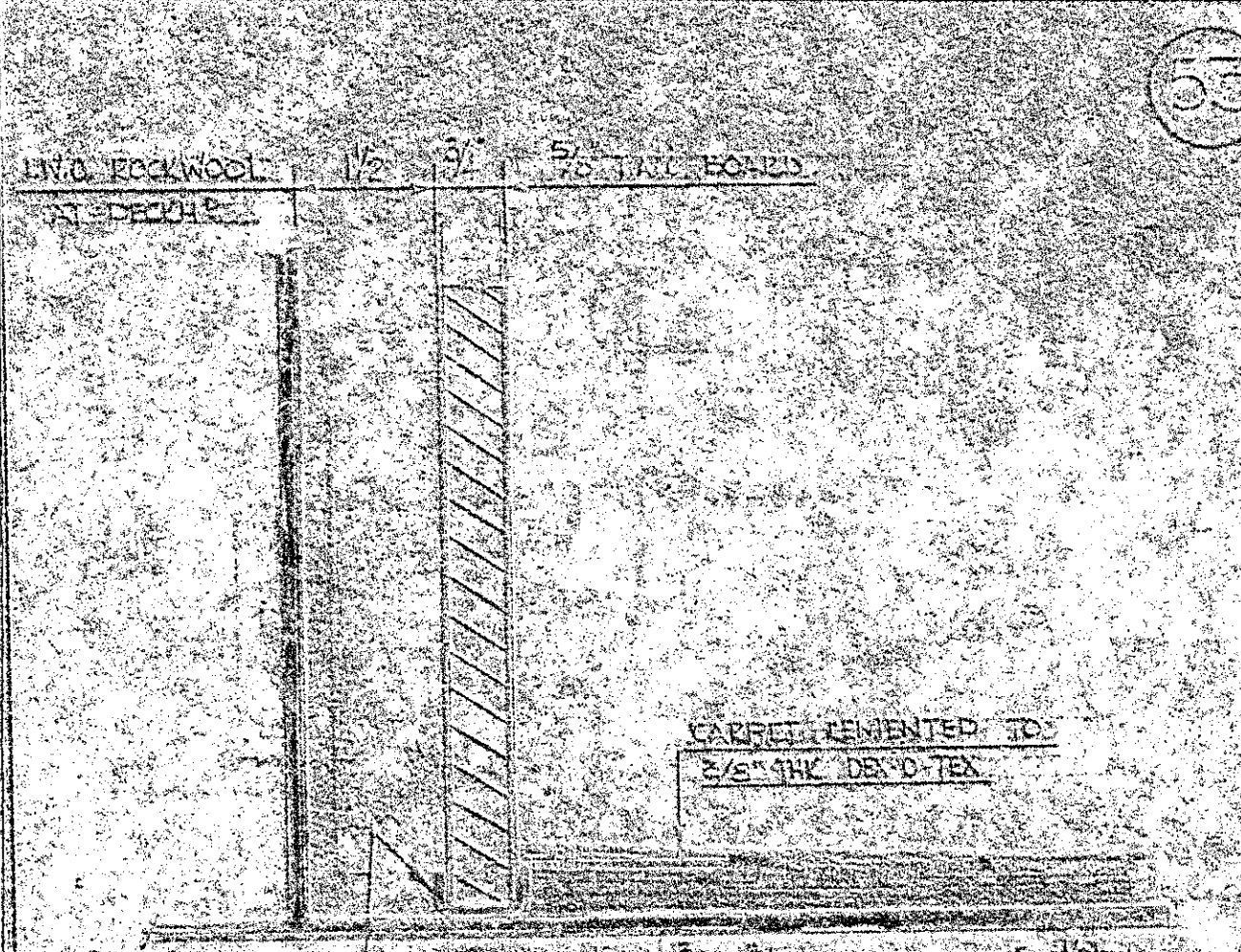
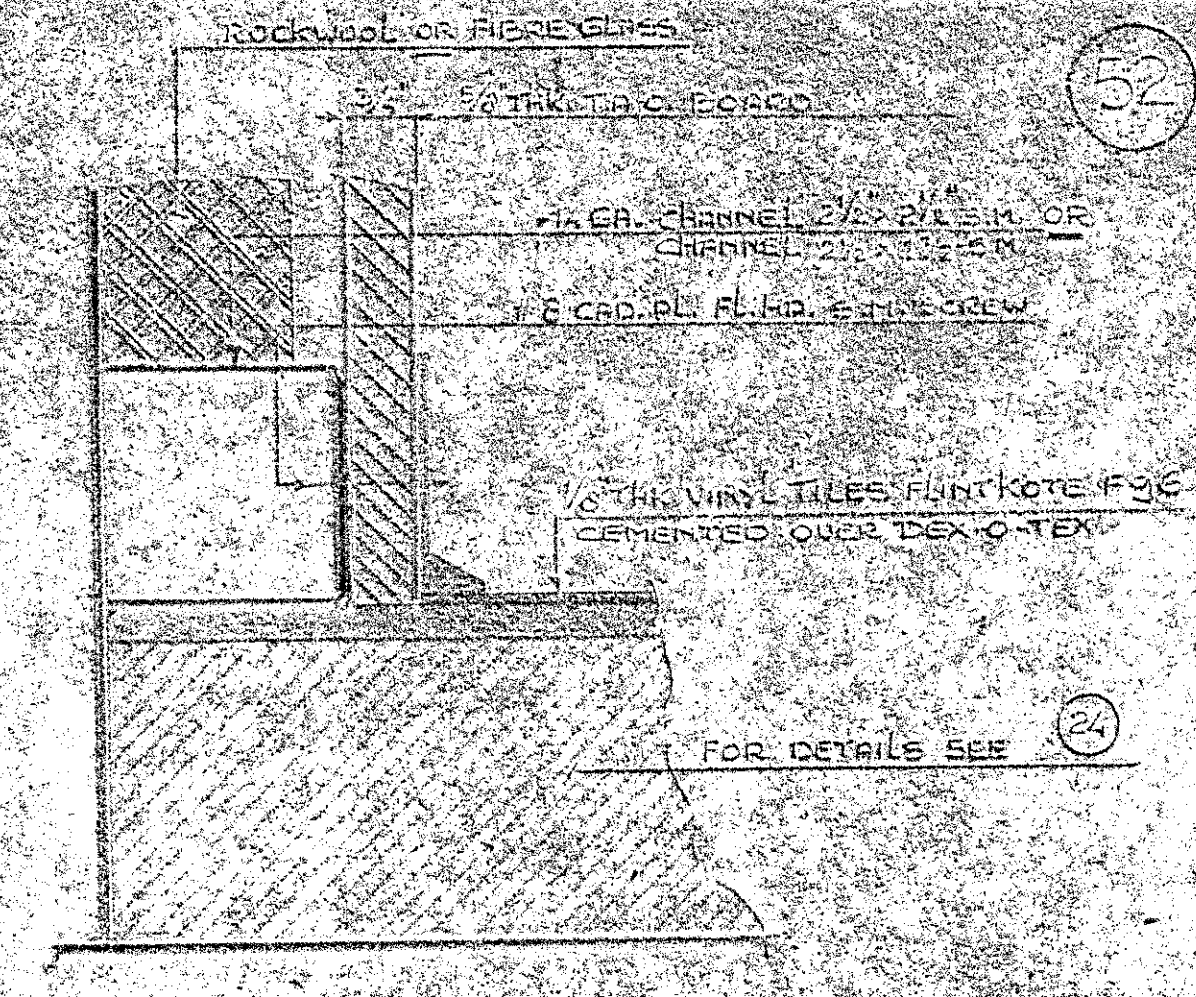
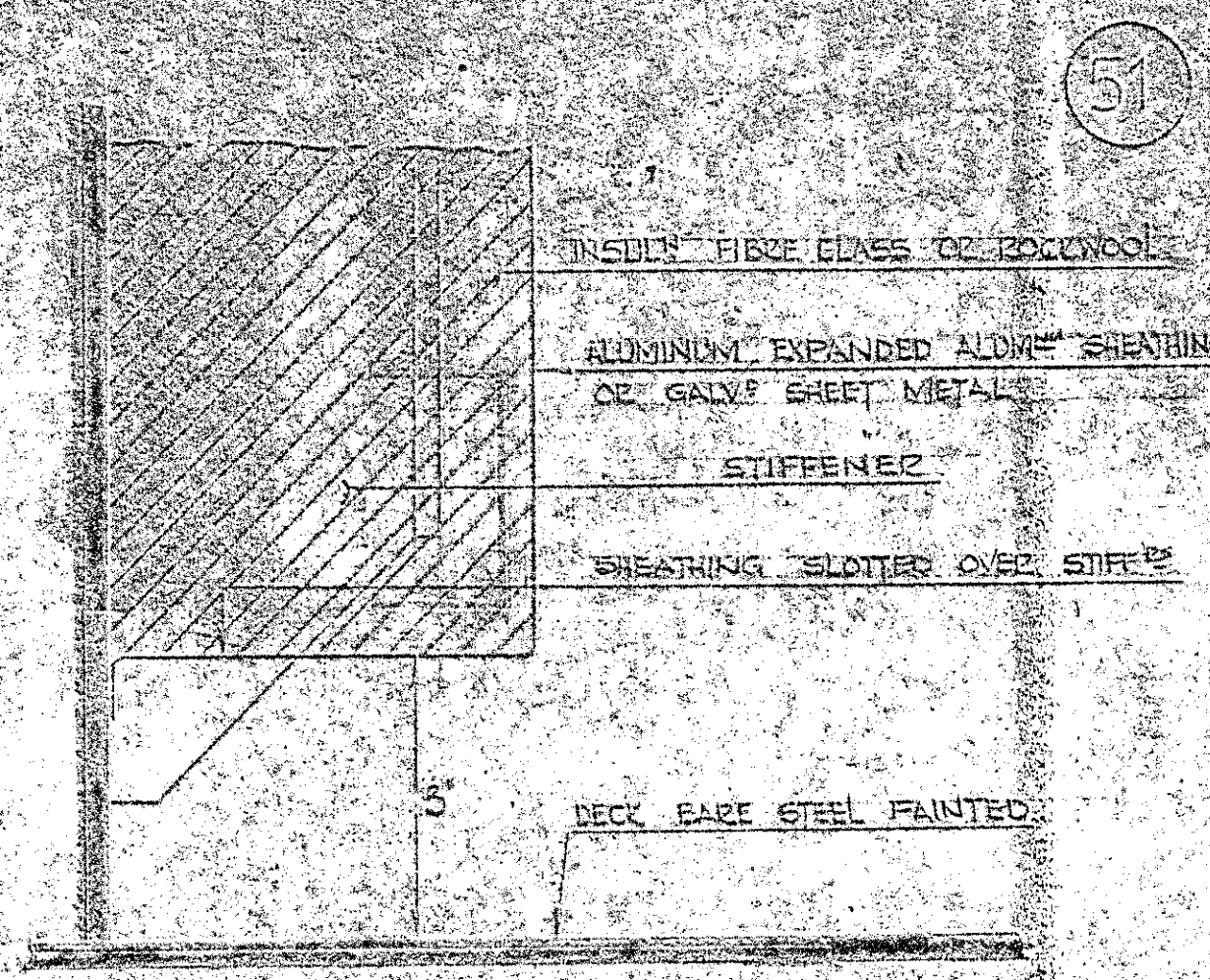
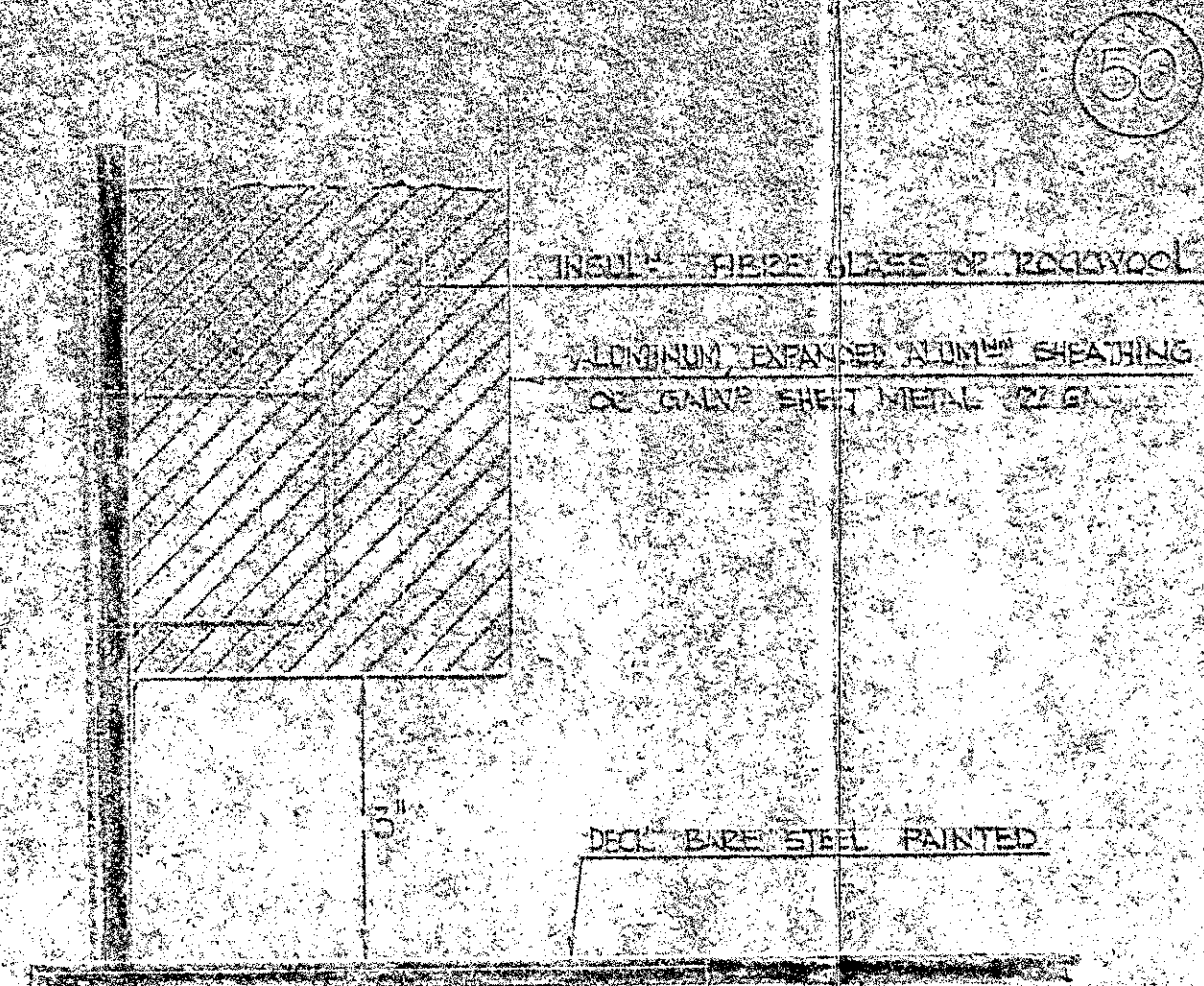
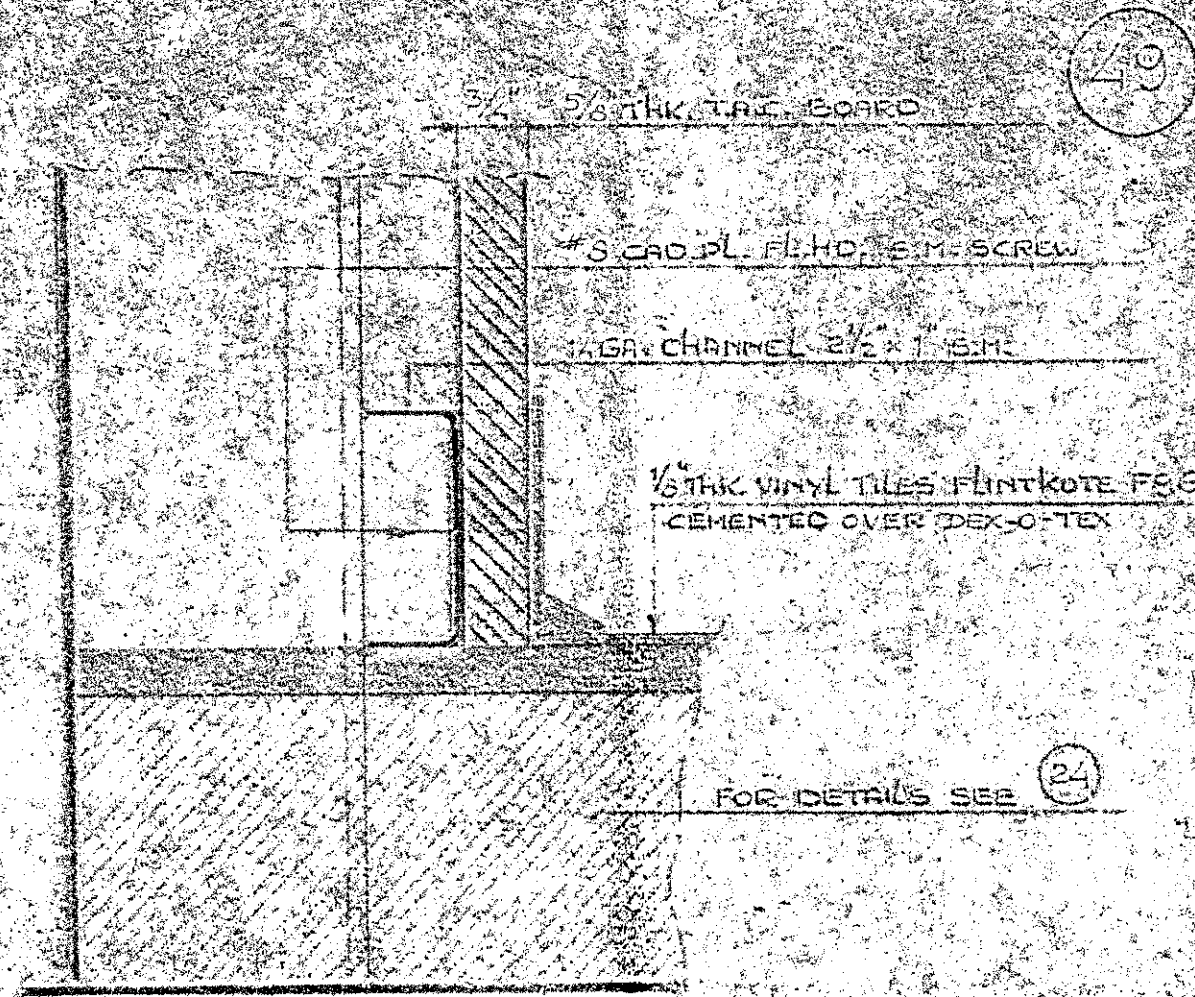
FASTENINGS AND DETAILS AS FOR 4

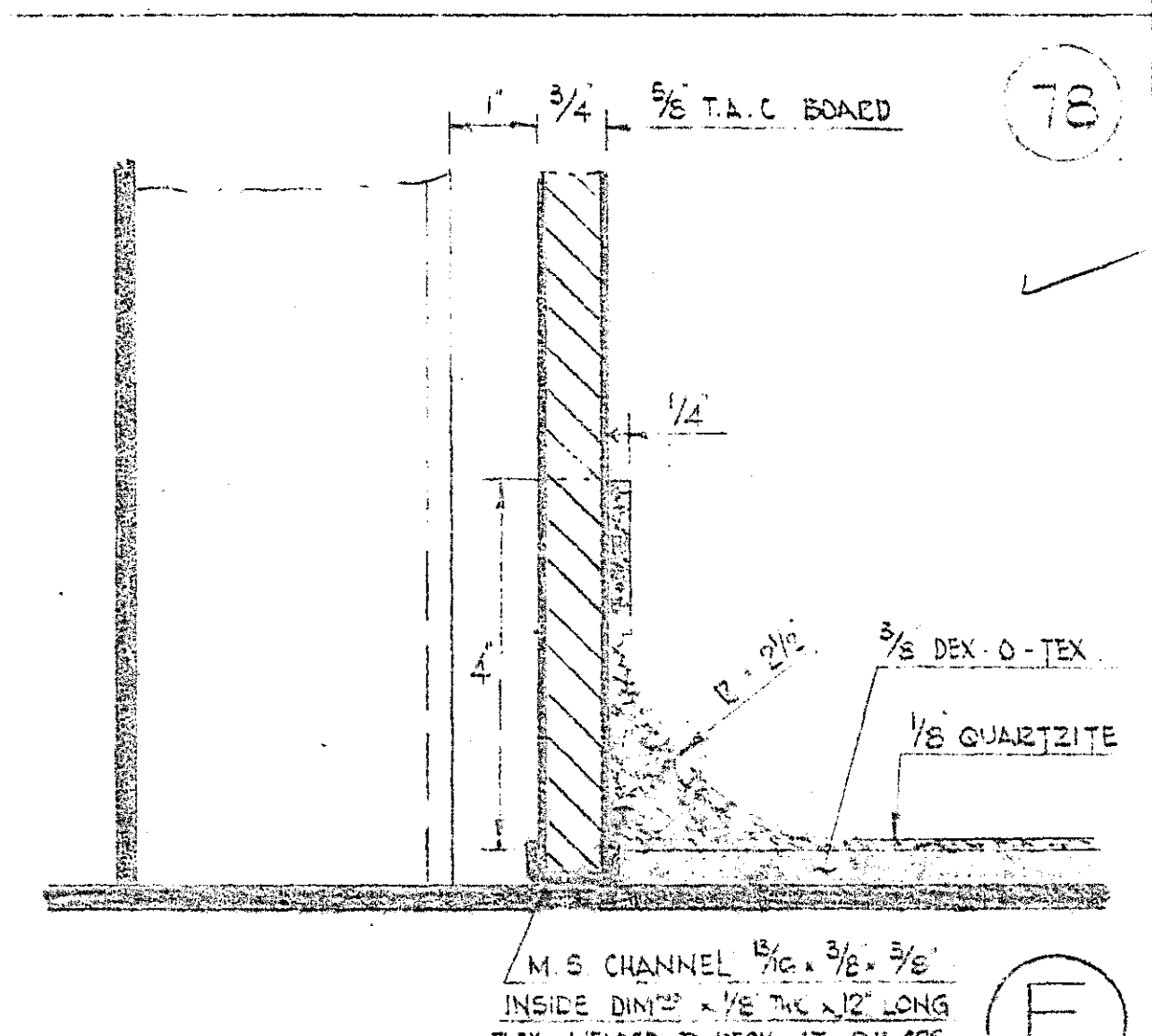
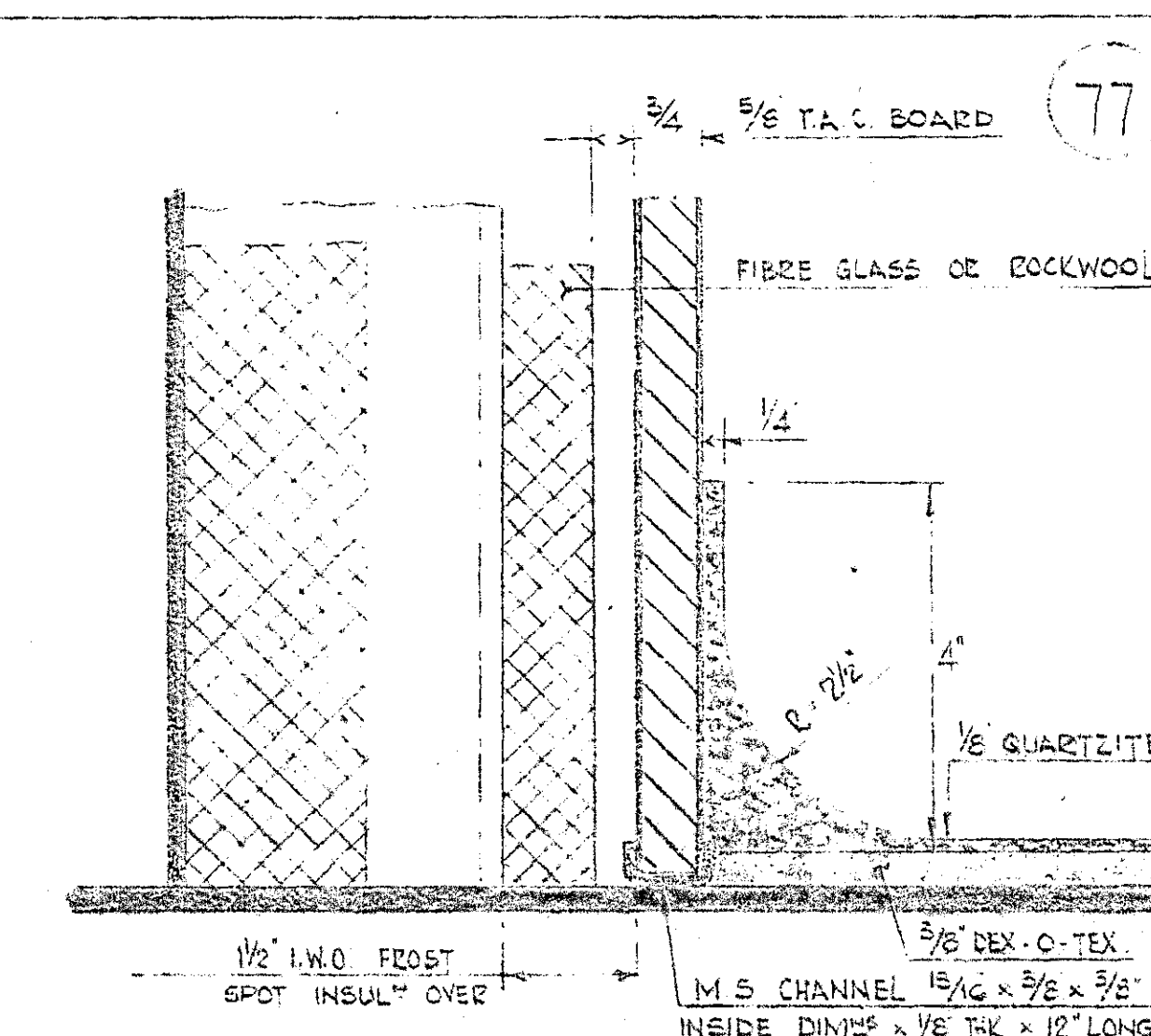
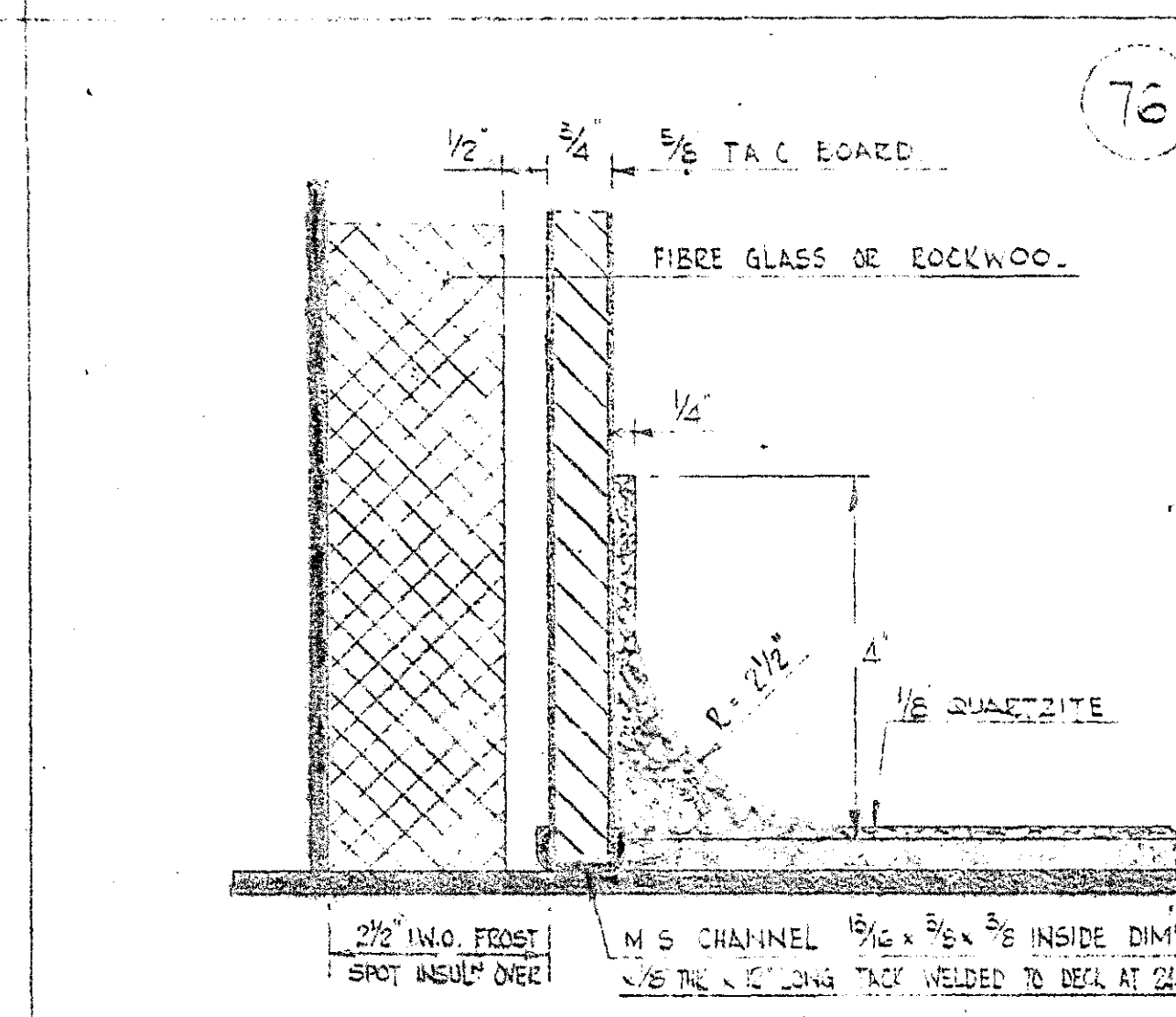
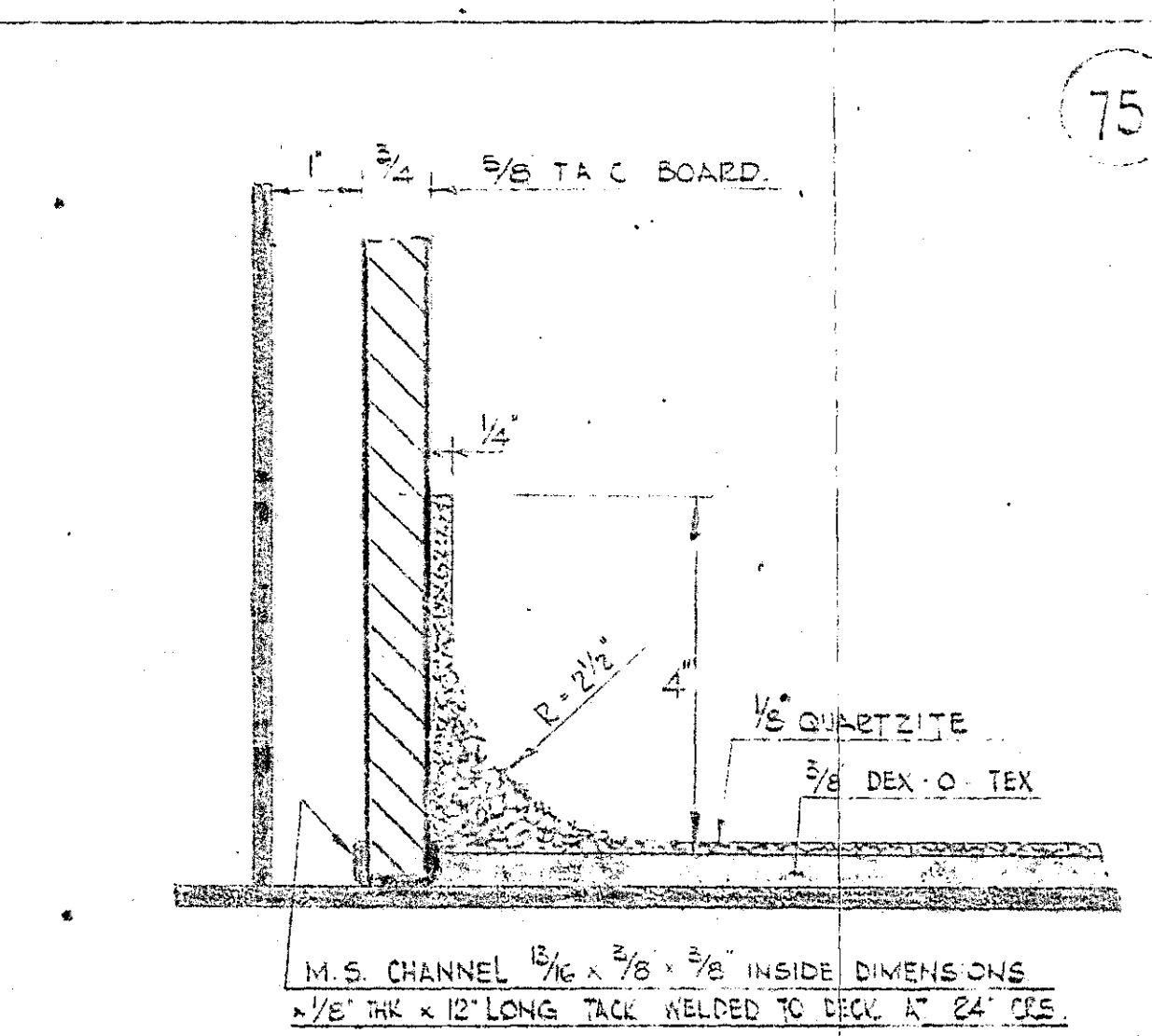
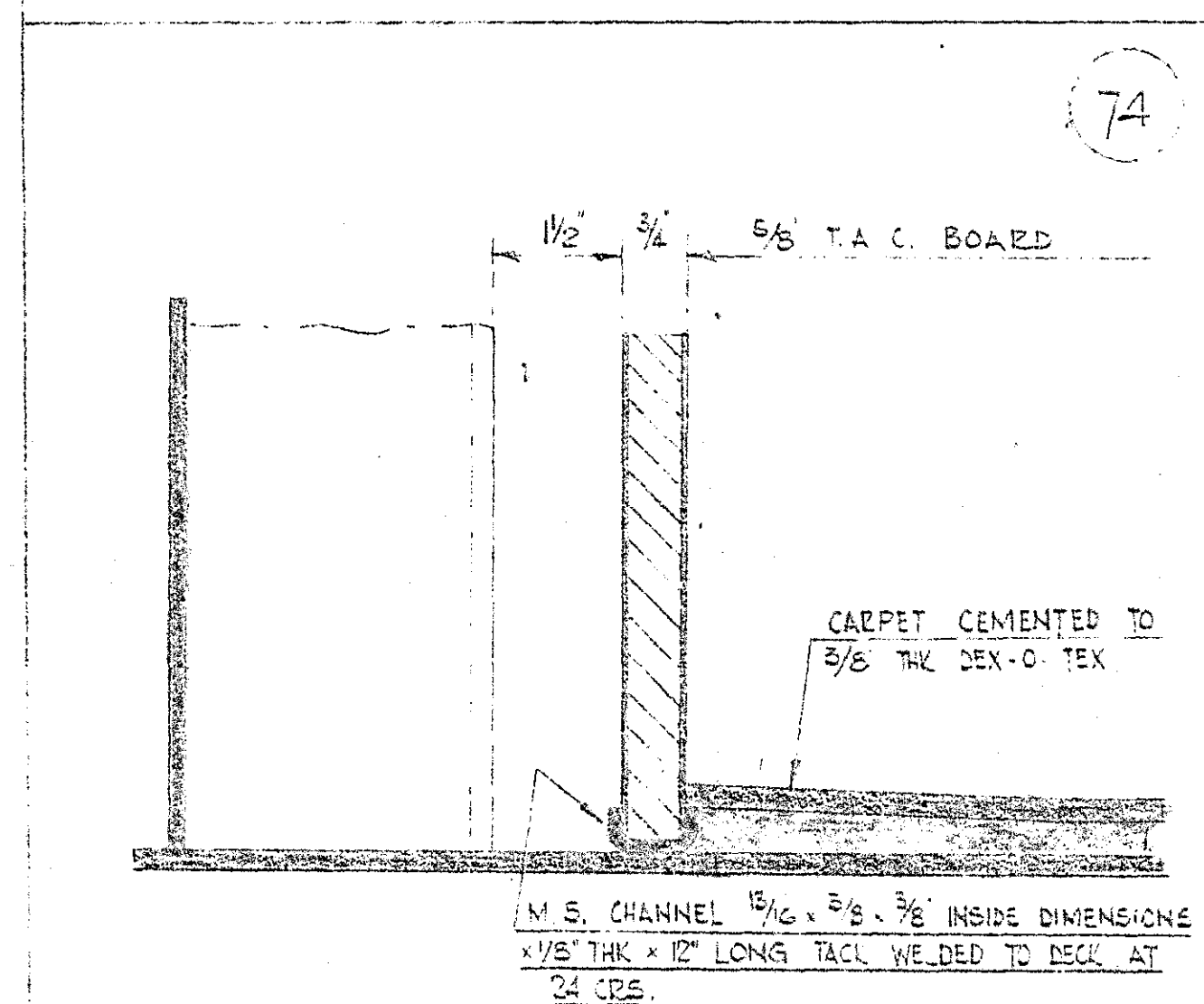
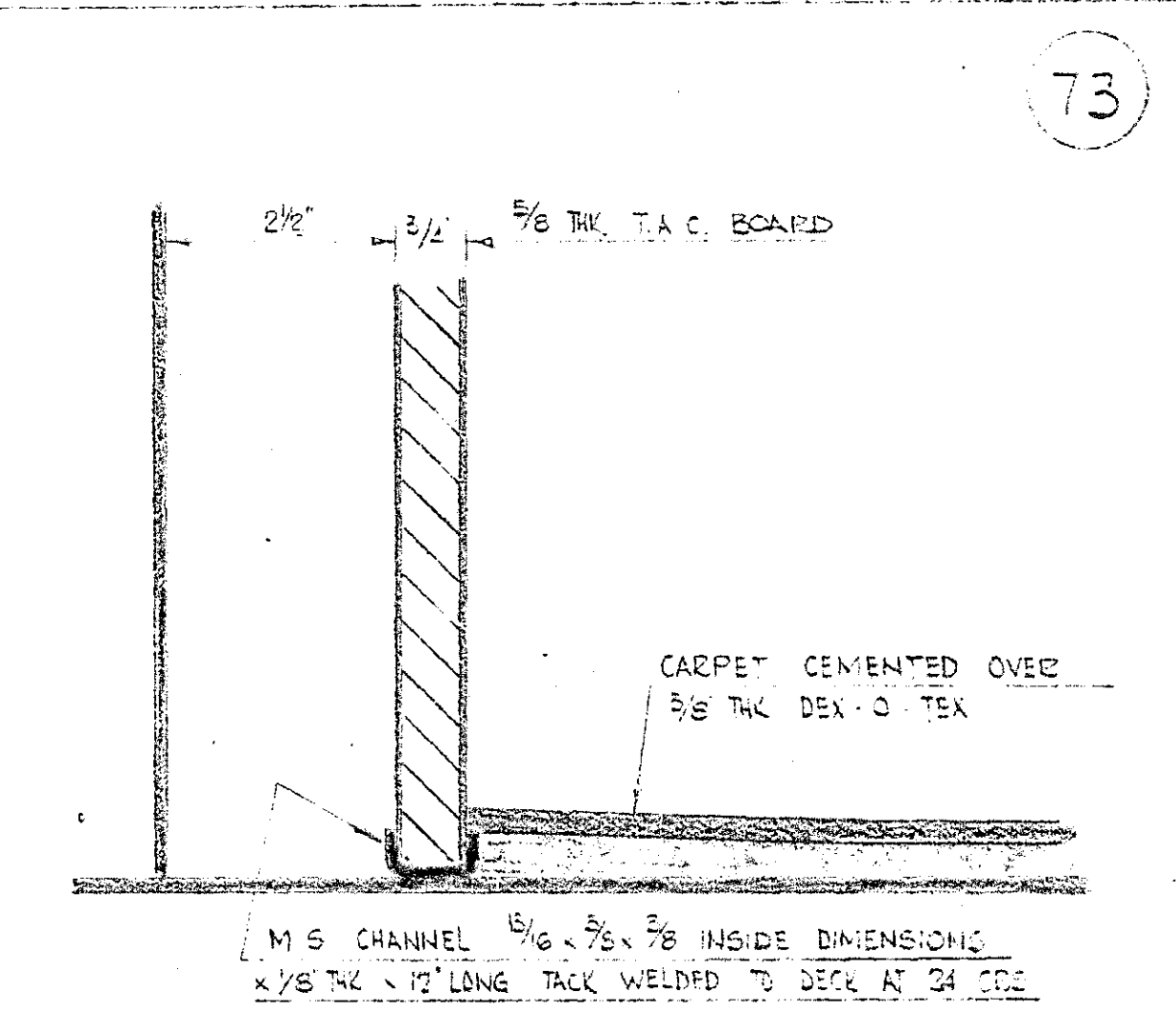
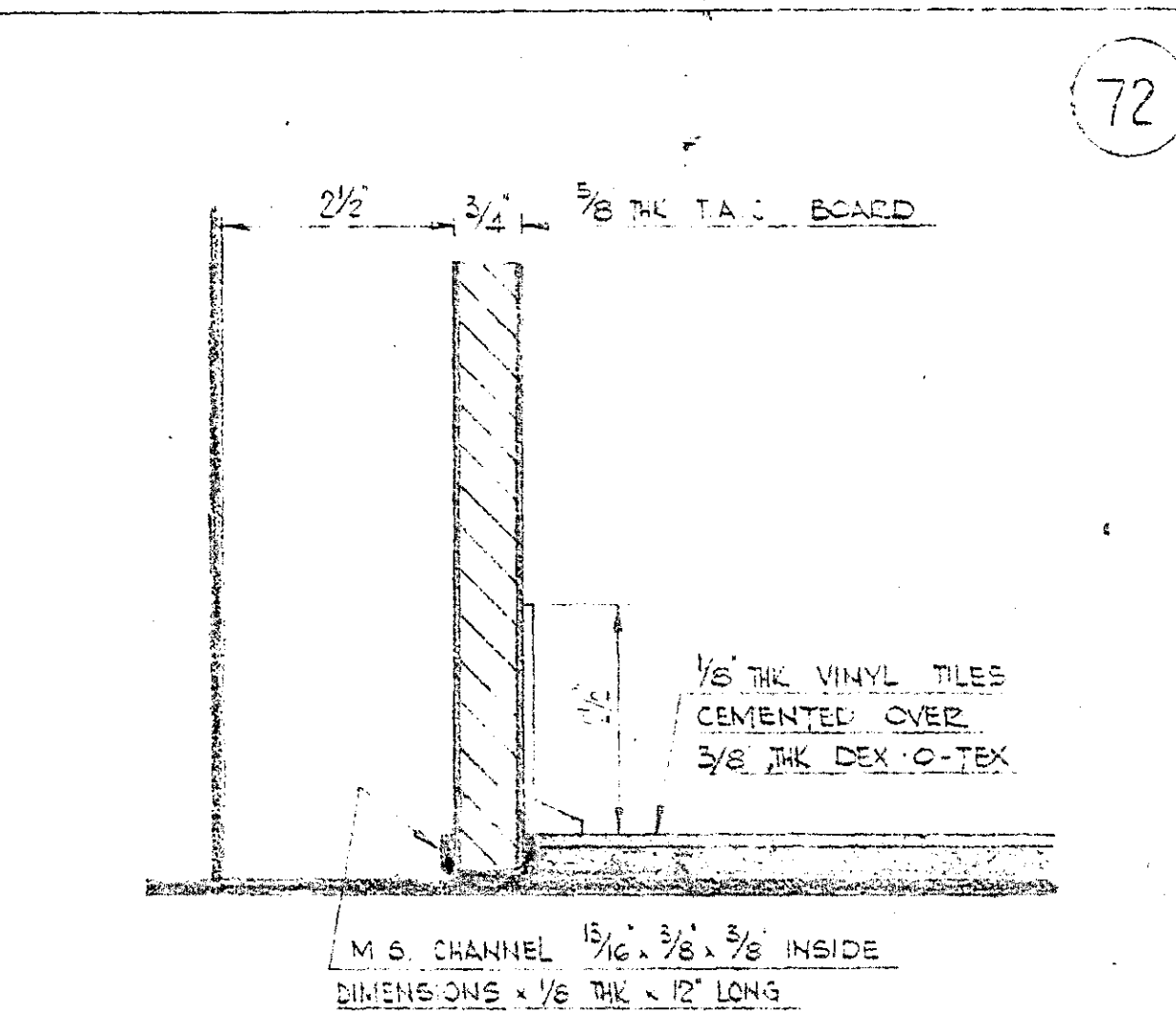
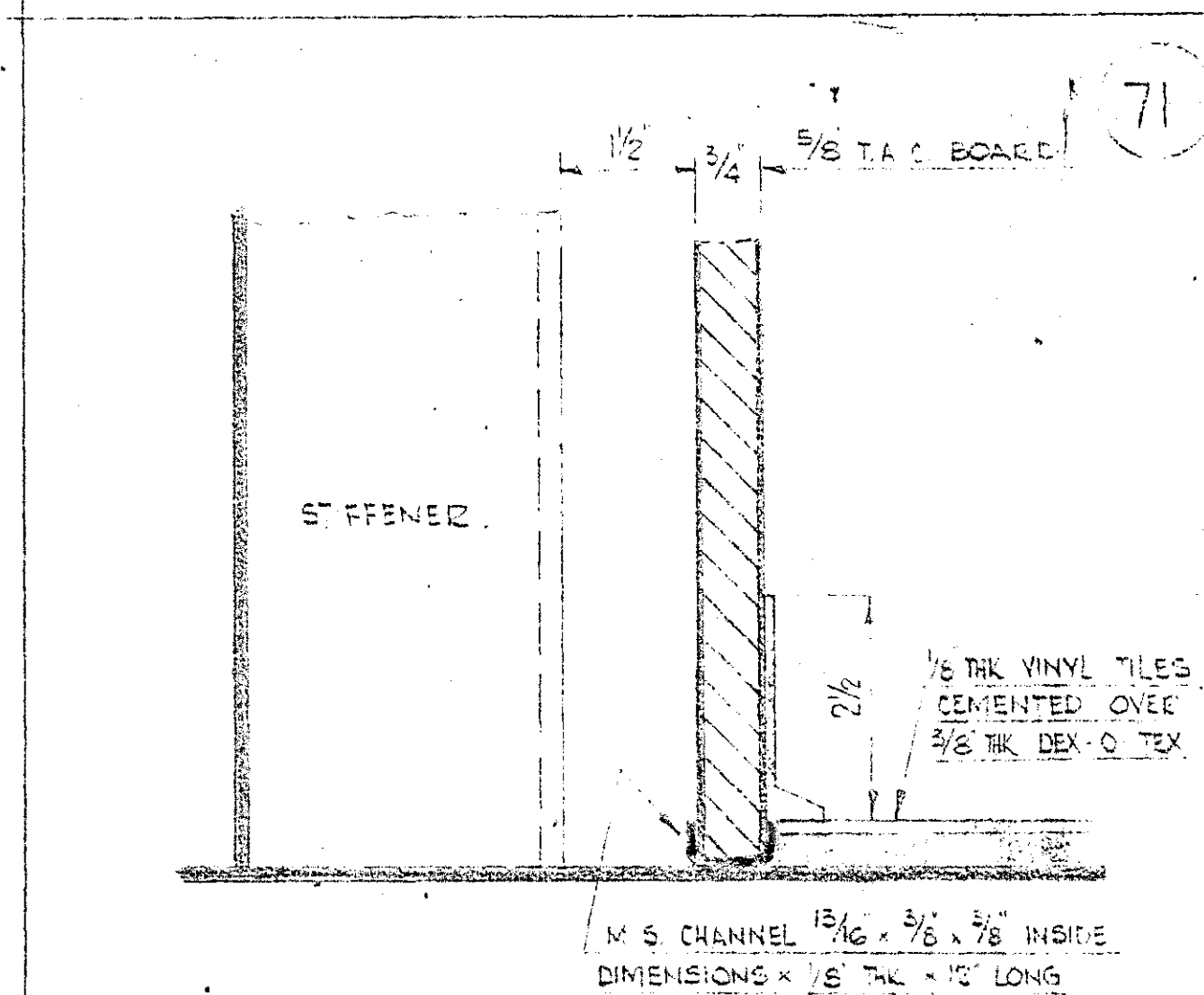
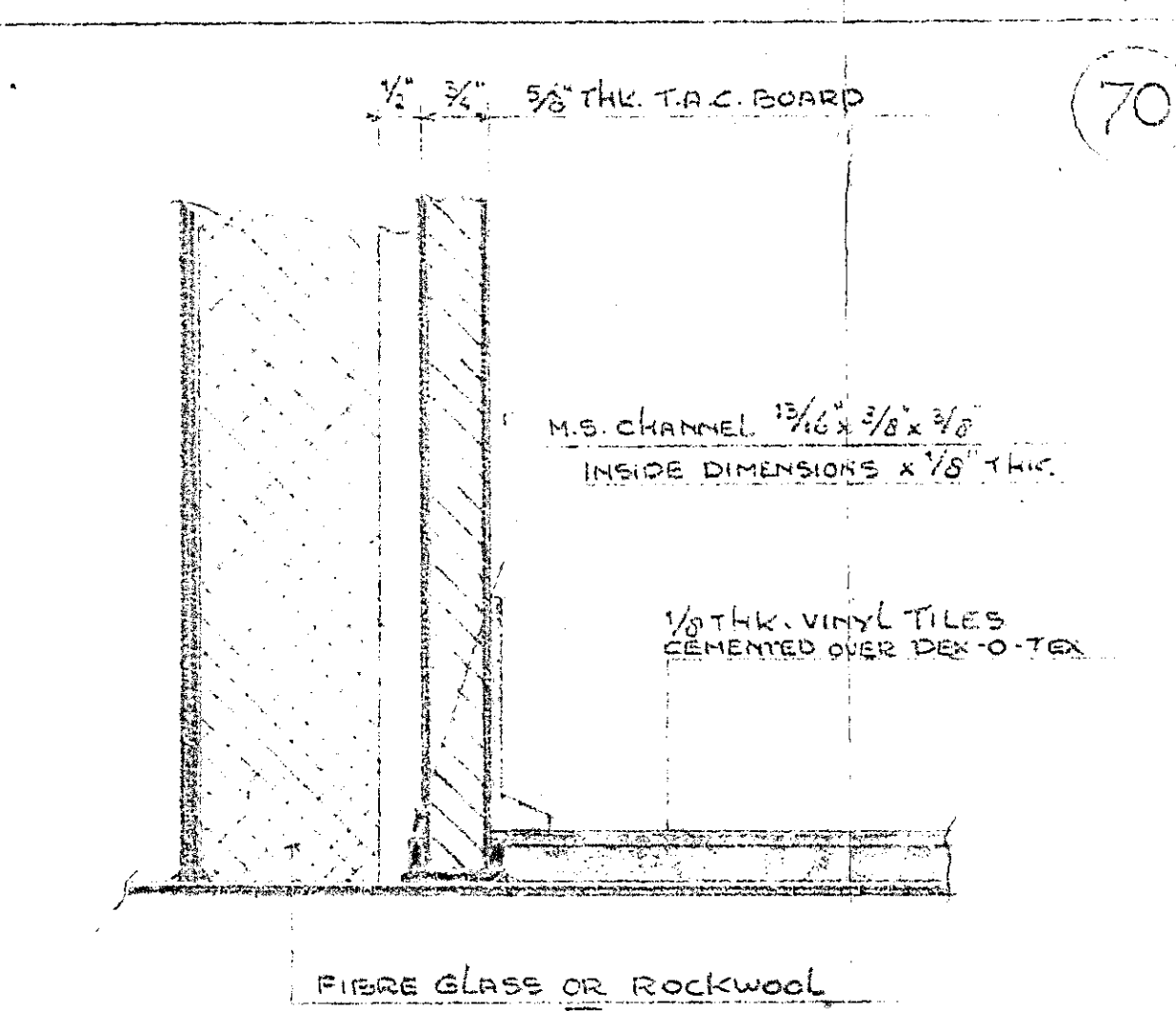
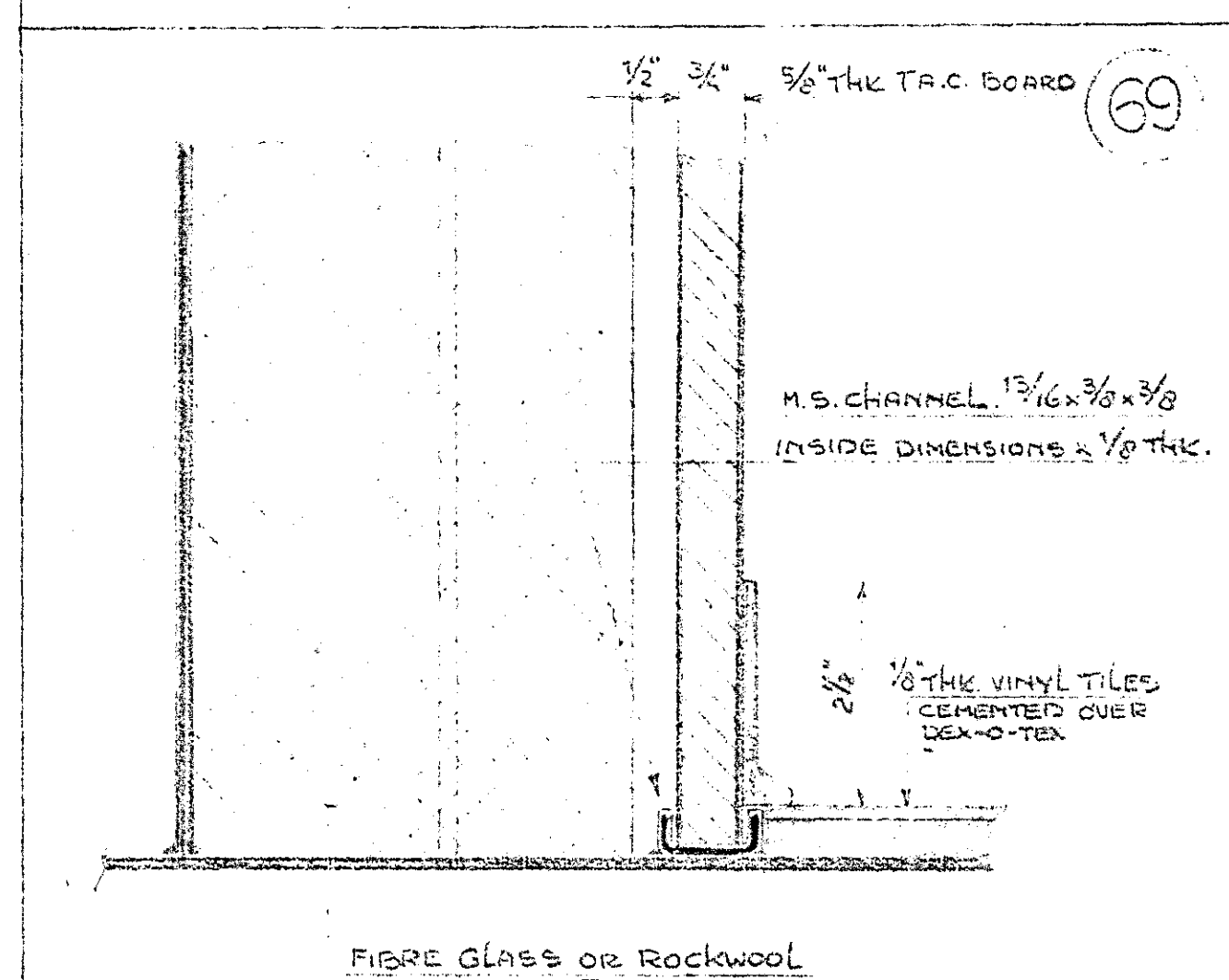
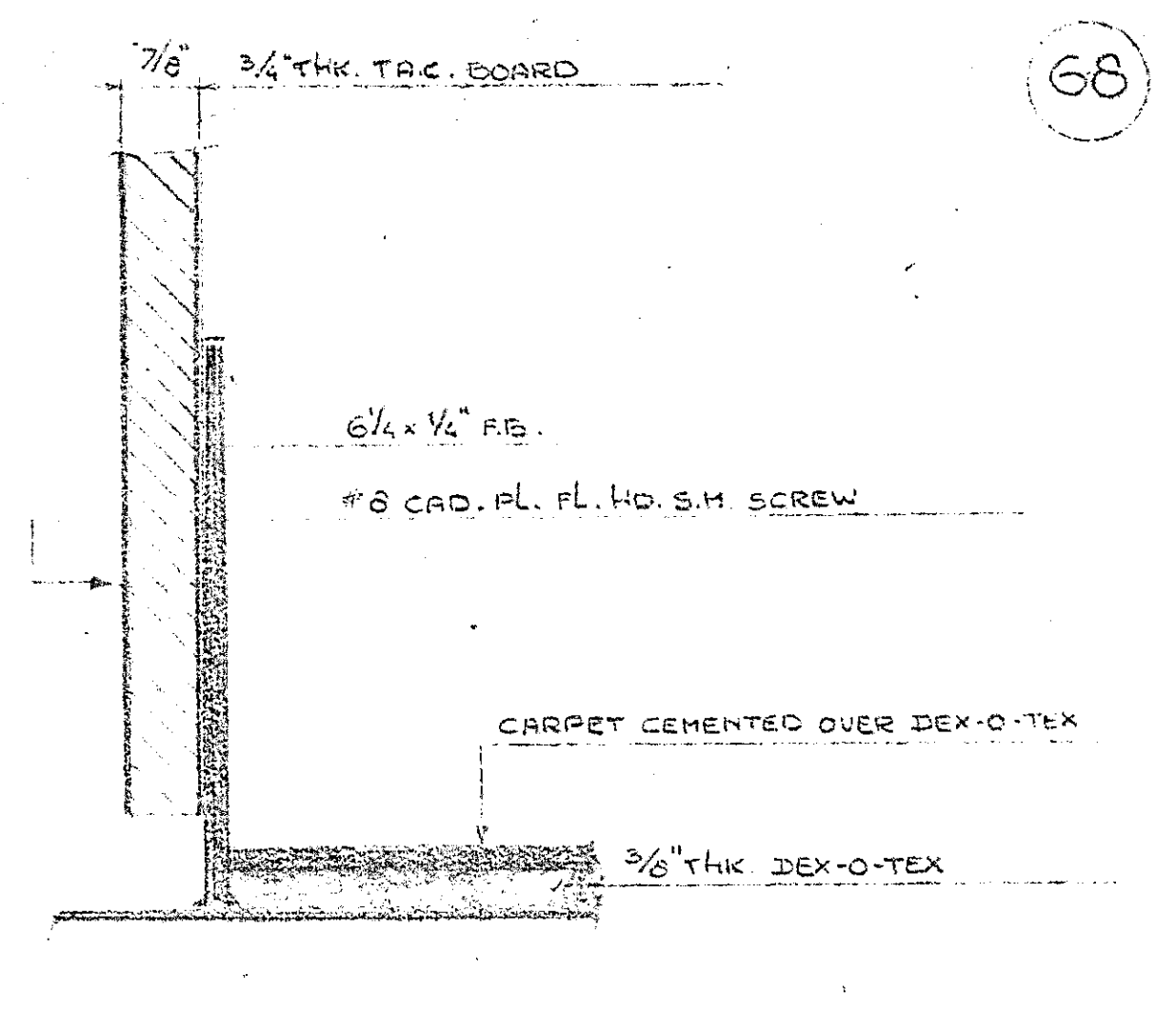
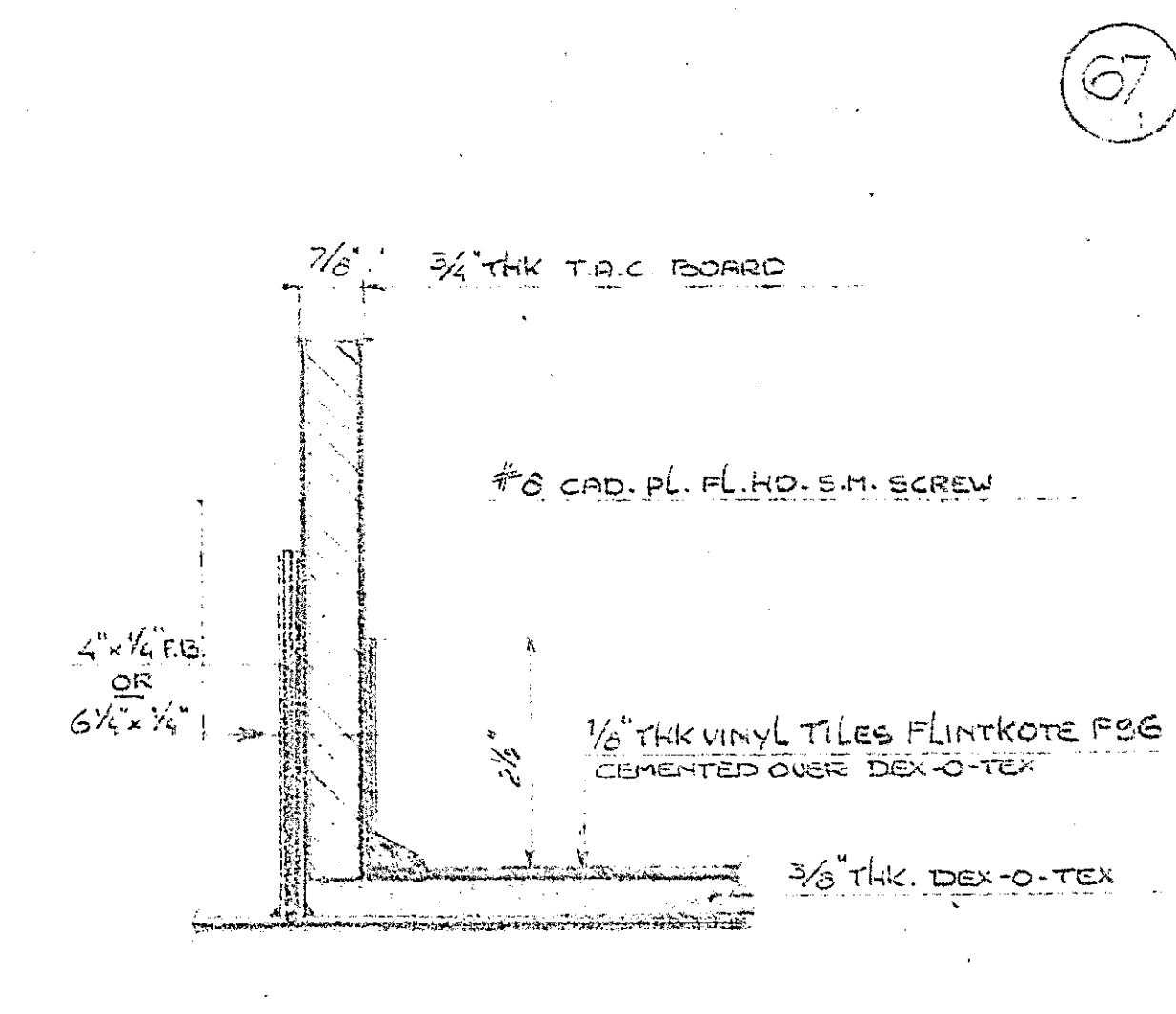
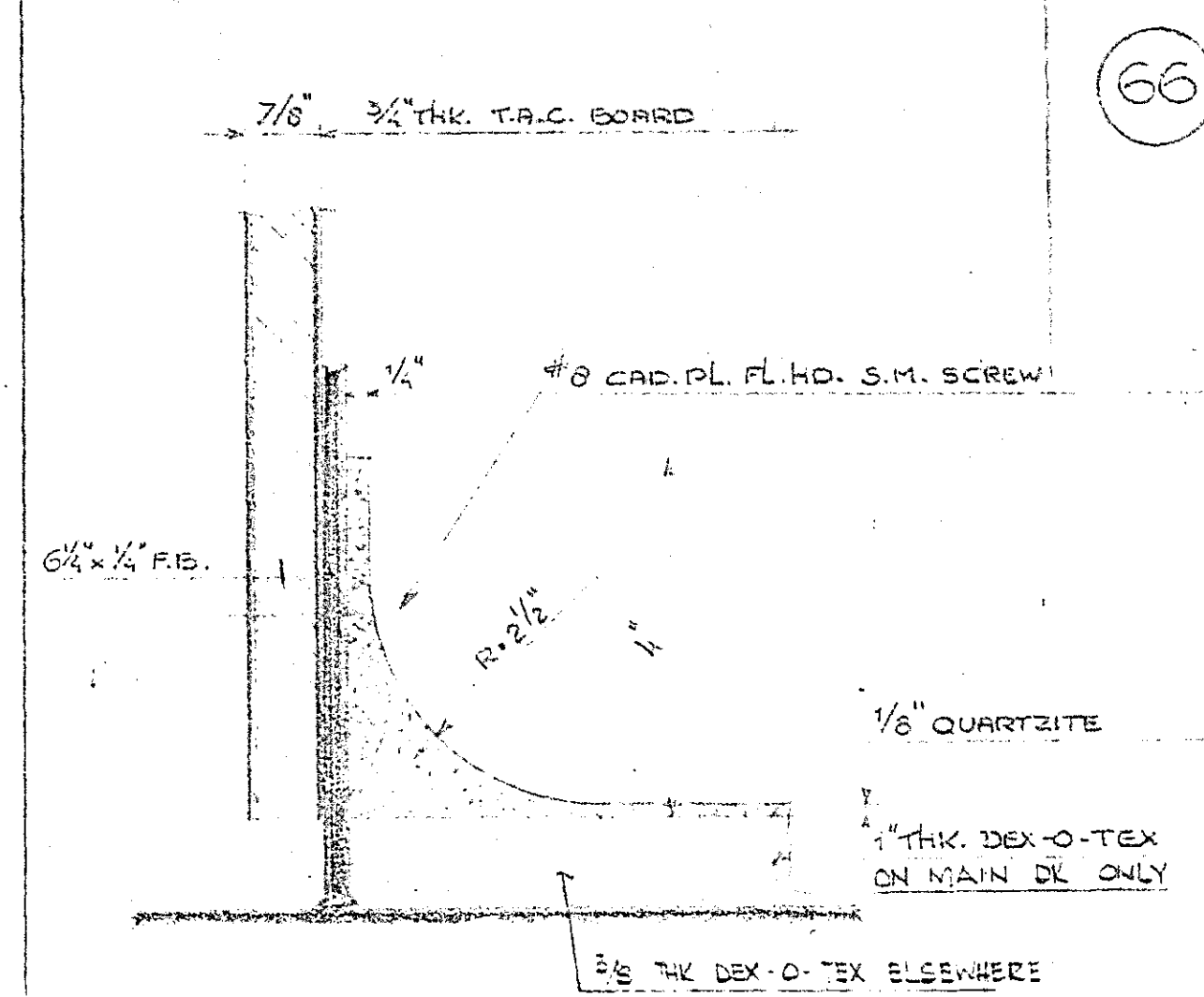
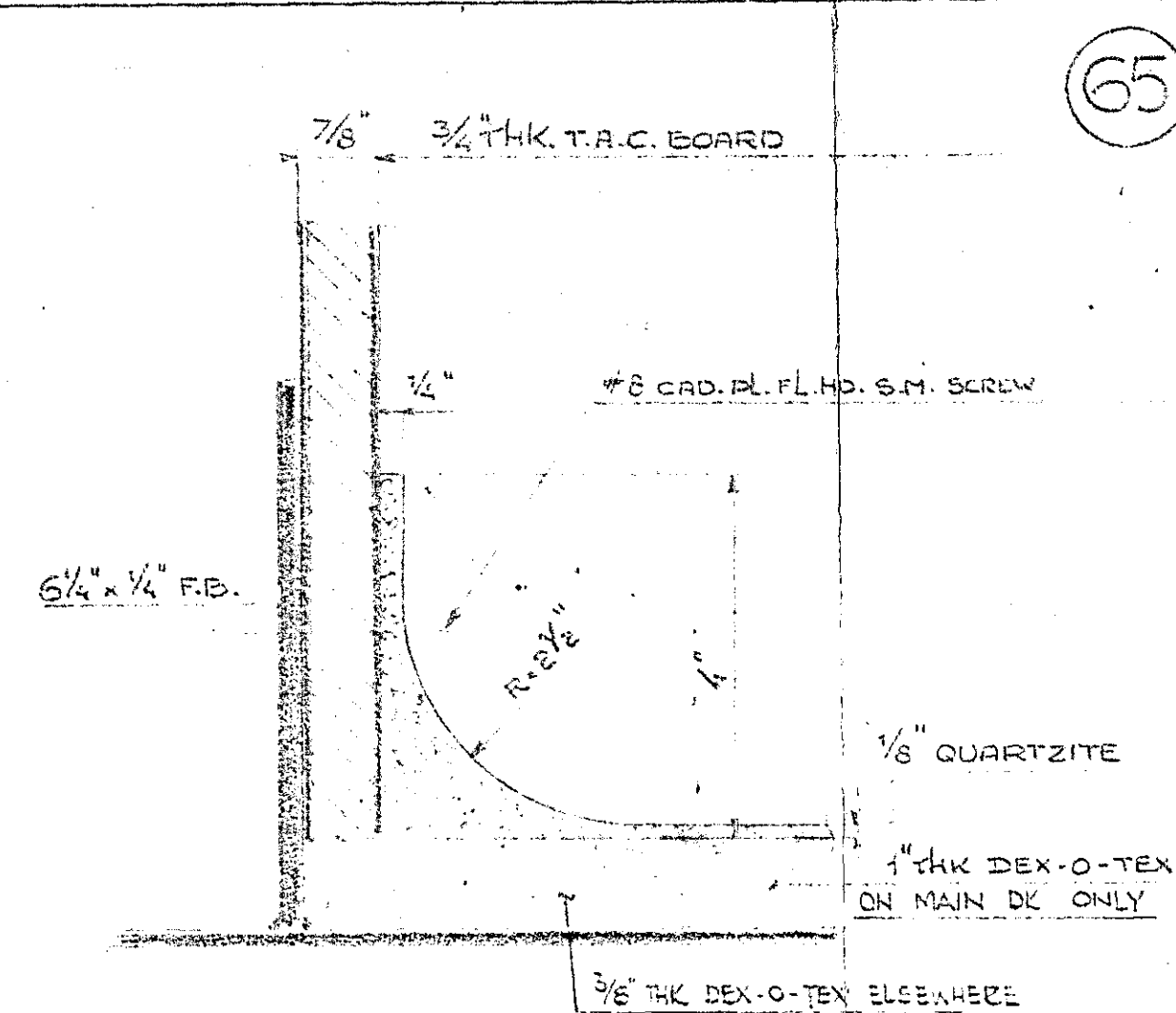
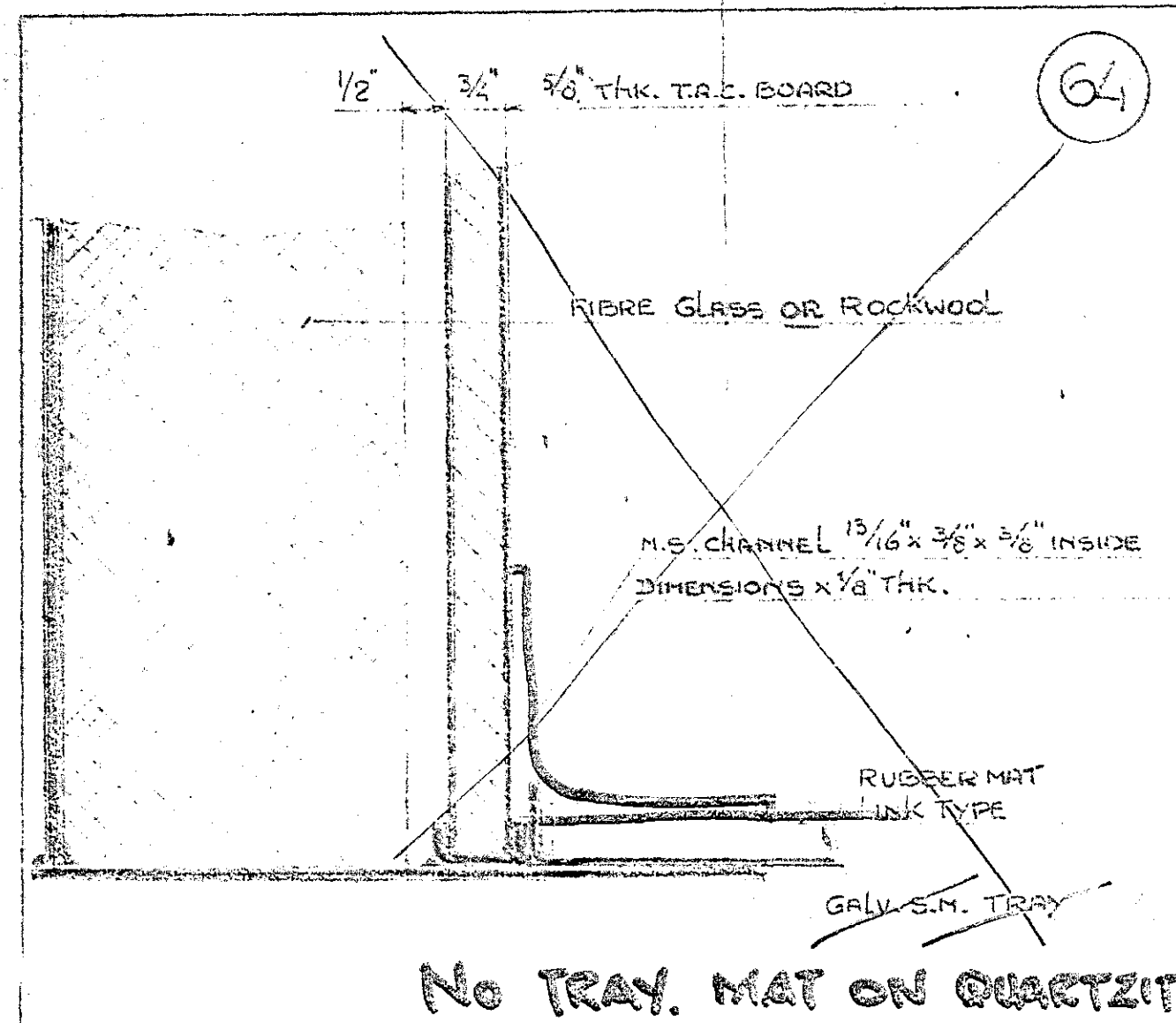


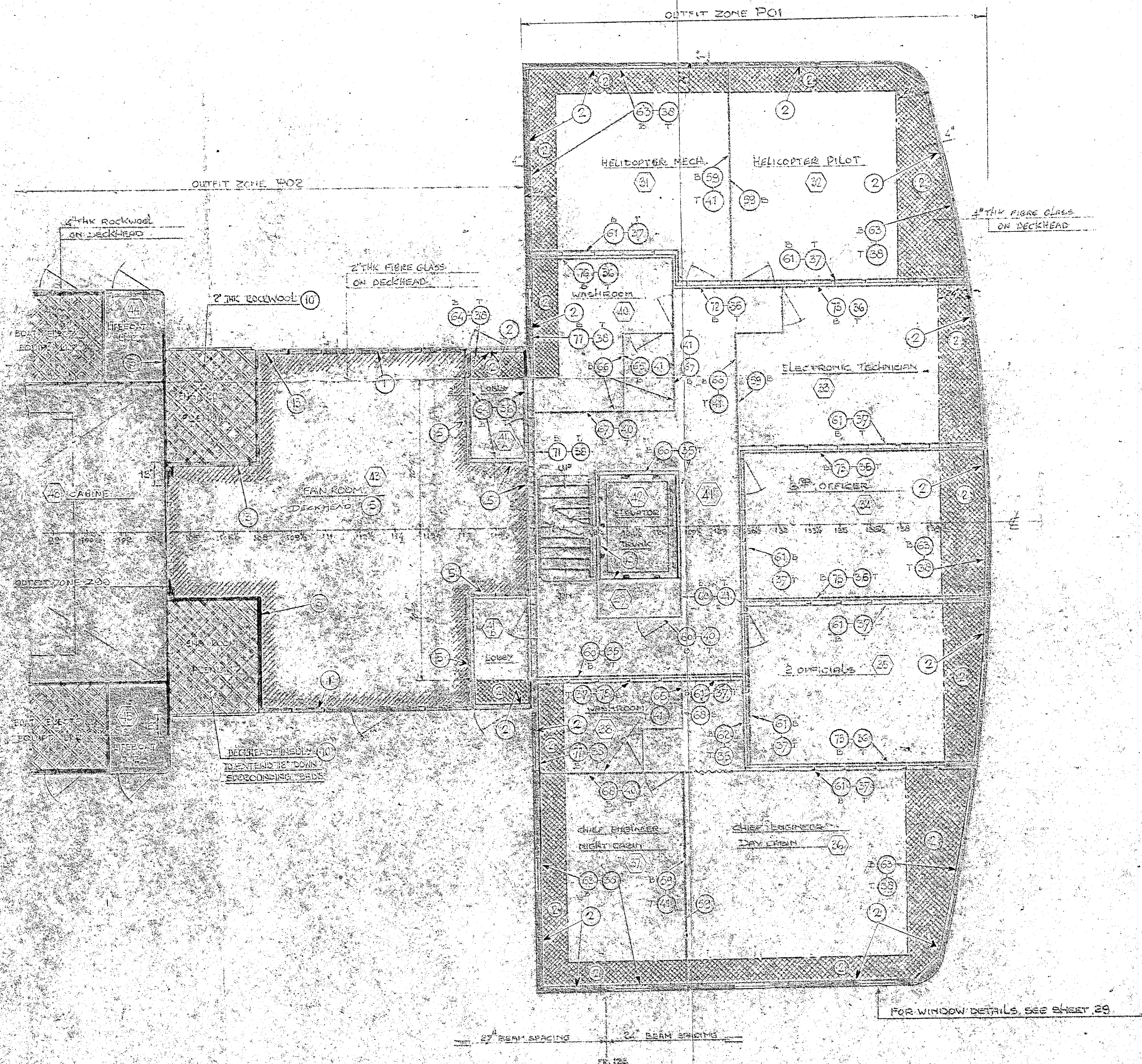
(B)











INSULATION: "FIBRE GLASS" PF 335
WITH ALUMINUM PIGMENTED VINYL VAPOUR BARRIER
COVERED BY EXPANDED ALUM SHEATHING .064 THICKNESS

INSULATION: "FIBRE GLASS" PF 335
WITH REINFORCED ALUM. FOIL VAPOUR BARRIER

INSULATION: ROCKWOOL

FLIGHT AND BOAT DECK (FR 103 1/2 - 139 1/2)

OUTFIT ZONES P02 & P01.

