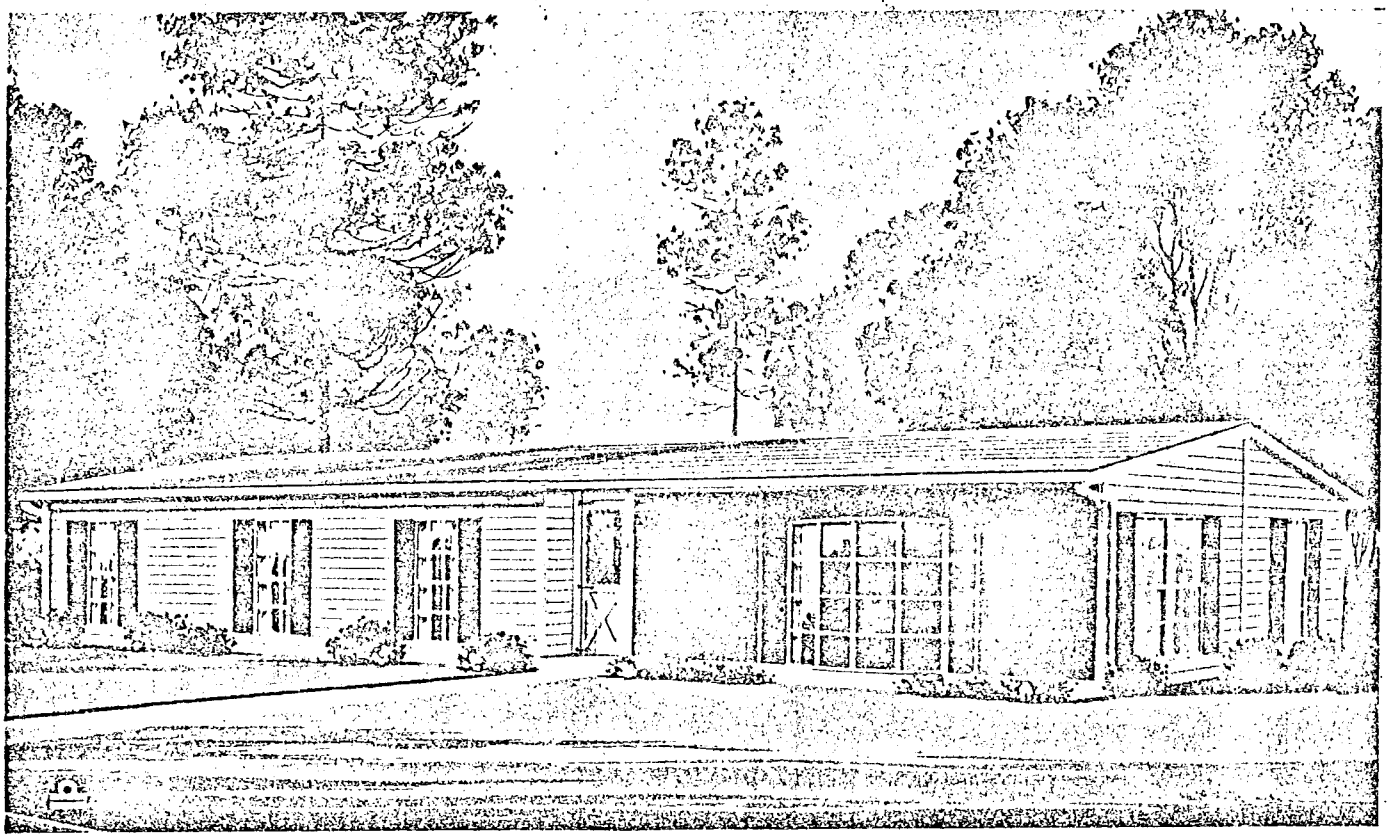
1/10/1976

Bendix Home Systems, Inc



SET-UP MANUAL

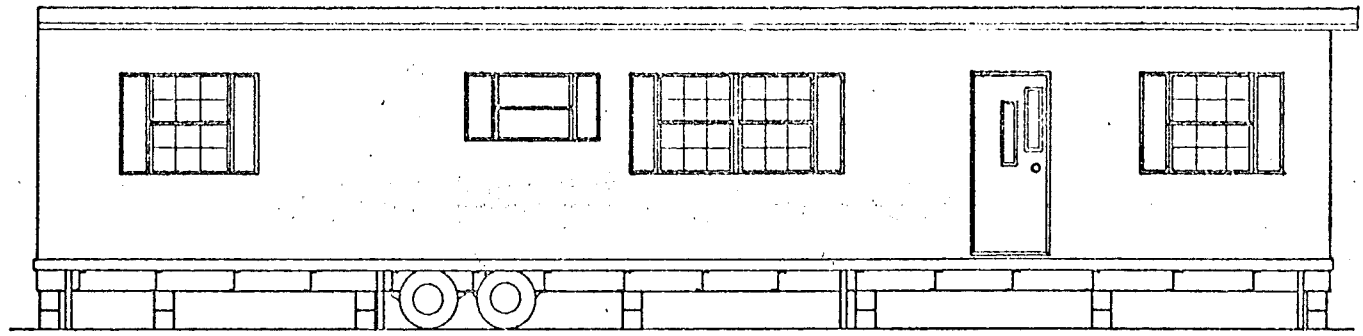
FOR: BENDIX HOME SYSTEMS, INC.
P. O. BOX 190
WORTHINGTON, MINNESOTA 56187

CORPORATE OFFICE: BENDIX HOME SYSTEMS, INC.
61 PERIMETER PARK
ATLANTA, GEORGIA 30341

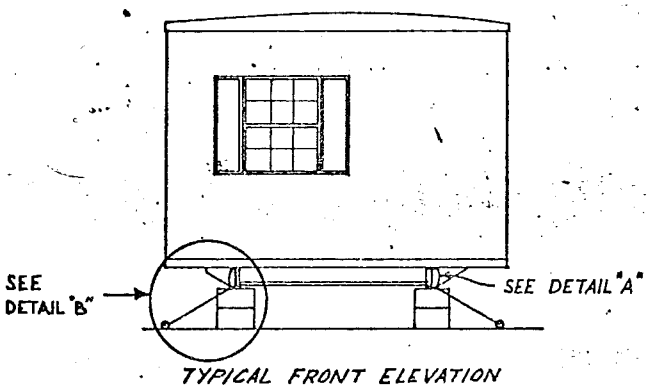
DATE: JANUARY 10, 1976

TABLE OF CONTENTS

TYPICAL 12 FT. WIDE NON-HURRICANE TIE-DOWN AND PIER INSTRUCTIONS



TYPICAL SIDE ELEVATION



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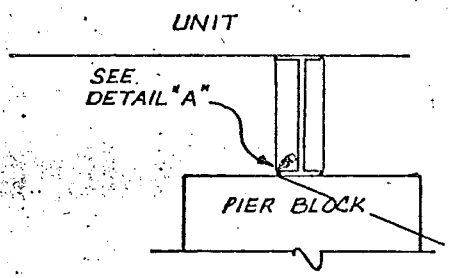

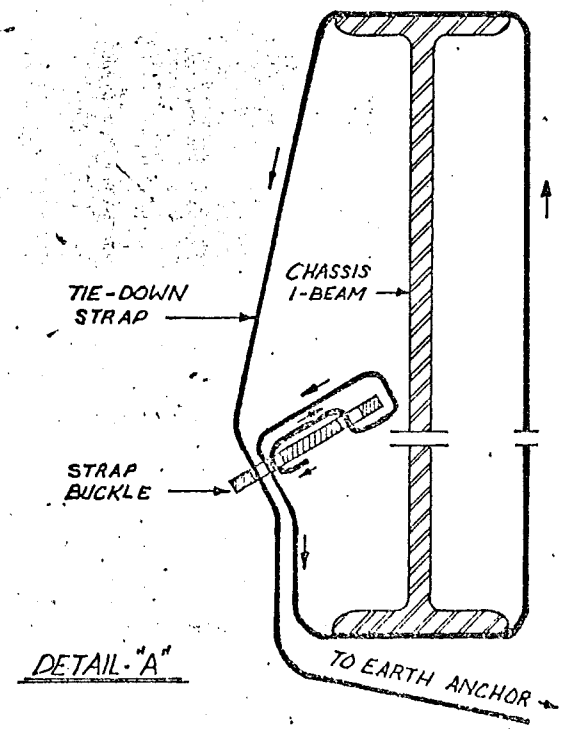

DETAIL "A"

NOTES:

1. DIAGONAL TIES FROM FRAME TO ANCHOR ARE LOCATED 16 FOOT O.C. BEGINNING AT FRONT OF COACH.
2. THE STRAPPING, STRAP BUCKLE & ANCHORS SHALL BE FURNISHED BY OTHERS, AND CONFORM TO STANDARD FOR MOBILE HOMES, ANSI A119.1.
3. THE STRAP SHALL BE TYPE 1, CLASS B, GRADE 1, STEEL STRAPPING 1-1/4 INCHES WIDE AND 0.035 INCH THICK, CONFORMING WITH FEDERAL SPECIFICATION QQ-S-781-F OR BETTER.
4. PIERS SHALL BE LOCATED UNDER THE I-BEAMS AT EACH END OF UNIT, AND 8 FT. O.C. BEGINNING AT FRONT OF COACH.
5. IN WHEEL AREA, PIER SPACING MAY BE INCREASED TO 16 FOOT MAXIMUM TO AVOID TIRES, AND PIERS SHALL BE DOUBLED FORE & AFT OF WHEEL AREA.
6. EACH PEIR IS TO BE CONSTRUCTED TO CARRY A VERTICAL DESIGN LOAD OF 4,800 LBS.

LET.	REVISION	DATE	DWN	CHK'D	LET	REVISION	DATE	DWN	CHK'D

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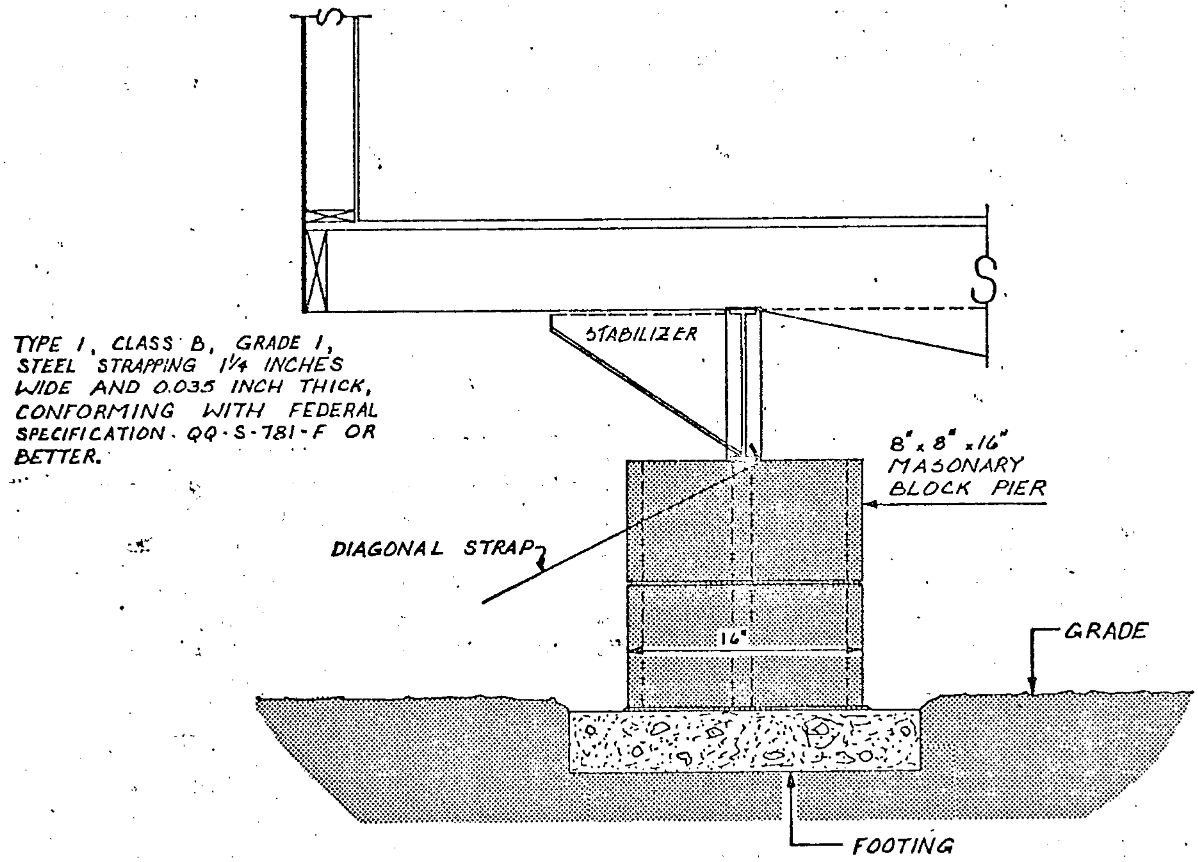
SECTION	DRAWN	DATE	SHEET
MISCELLANEOUS	[illegible]	9-23-75	1 OF 2
TITLE TYP 12' WIDE NON-HURRICANE TIE-DOWN & PIER INSTRUCTIONS	APPROVED [illegible]	DATE 11-11-75	DWG NO T5-300



DETAIL 'B'

LET.	REVISION	DATE	DWN	CHK'D	LET	REVISION	DATE	DWN	CHK'D

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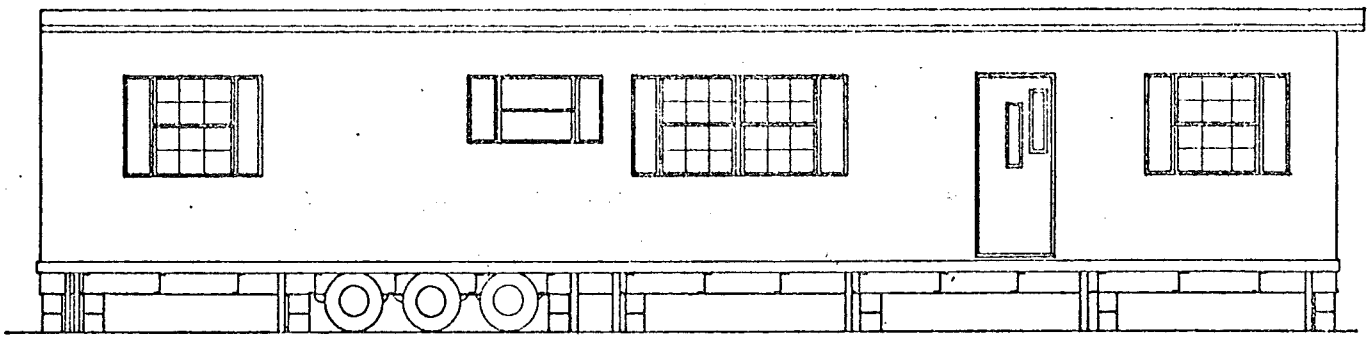
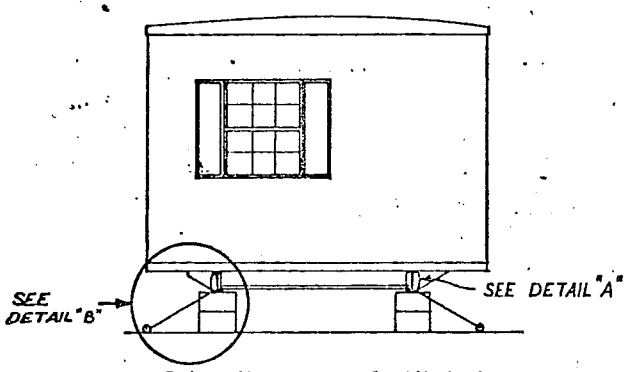
SECTION	DRAWN	DATE	SHEET
MISCELLANEOUS	[illegible]	9-22-75	2 OF 2
TITLE TYP. 12' WIDE NON-HURRICANE TIE-DOWN (PIER INSTRUCTIONS)	APPROVED [illegible]	DATE 11-11-75	DWG. NO. T5-300

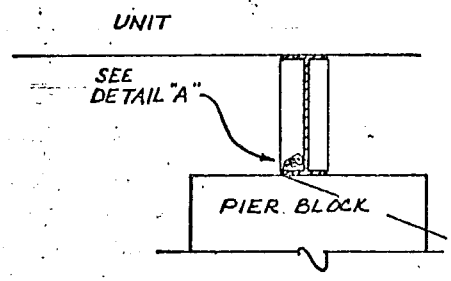
TYP. 14 FT. WIDE NON-HURRICANE (NORTHERN ZONE) TIE-DOWN AND PIER INSTRUCTIONS

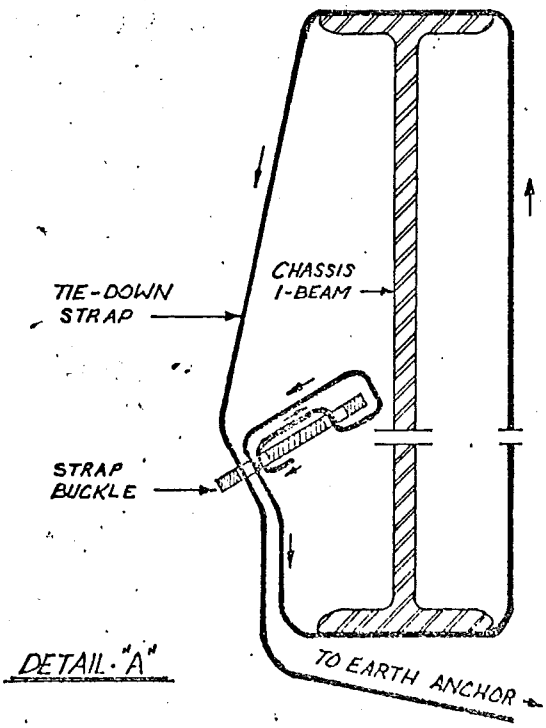


TYPICAL SIDE ELEVATION



TYPICAL FRONT ELEVATION





DETAIL "A"

NOTES

1. DIAGONAL TIES FROM FRAME TO ANCHOR ARE LOCATED 16' O.C. BEGINNING AT FRONT OF COACH.
2. THE STRAPPING, STRAP BUCKLE & ANCHORS SHALL BE FURNISHED BY OTHERS, AND CONFORM TO STANDARD FOR MOBILE HOMES, ANSI A119.1.
3. THE STRAP SHALL BE TYPE 1, CLASS B, GRADE 1, STEEL STRAPPING 1¼" WIDE AND 0.035" THICK, CONFORMING WITH FEDERAL SPECIFICATION QQ-S-781-F OR BETTER.
4. PIERS SHALL BE LOCATED UNDER THE I-BEAMS AT EACH END OF UNIT, AND 8' O.C. BEGINNING AT FRONT OF COACH.
5. IN WHEEL AREA, PIER SPACING MAY BE INCREASED TO 16' MAX. TO AVOID TIRES AND PIERS SHALL BE DOUBLED FORE & AFT OF WHEEL AREA.
6. EACH PIER IS TO BE CONSTRUCTED TO CARRY A VERTICAL DESIGN LOAD OF 5,600 LBS.

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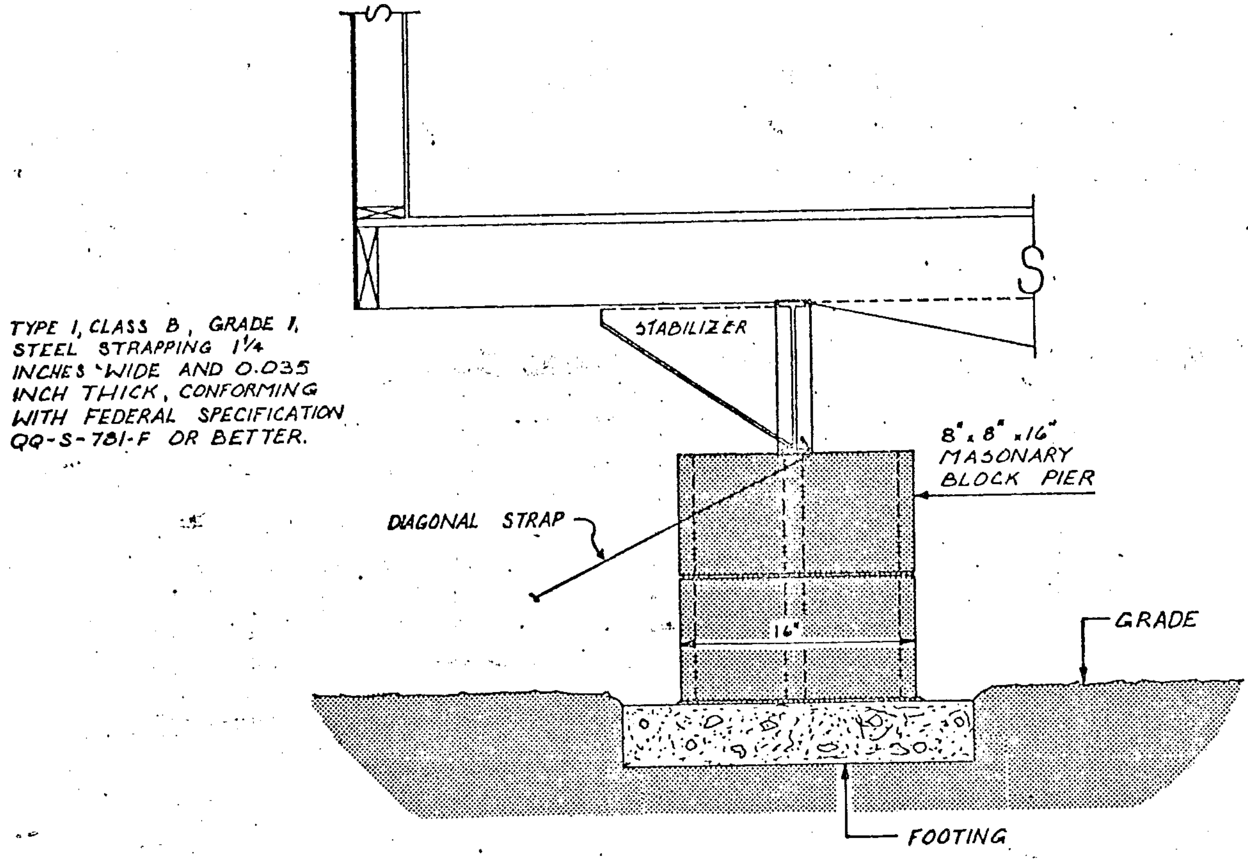
SECTION	DRAWN	DATE	SHEET
MISCELLANEOUS	[illegible]	9-23-75	1 of 2
TITLE: TYP. 14' WIDE NON-HURRICANE TIE-DOWN & PIER INSTRUCTIONS	APPROVED: D.O.M.S.	DATE: 11-11-75	DWG NO: T5-303



DETAIL 'B'

LET	REVISION	DATE	DWN	CHK'D	LET	REVISION	DATE	DWN	CHK'D

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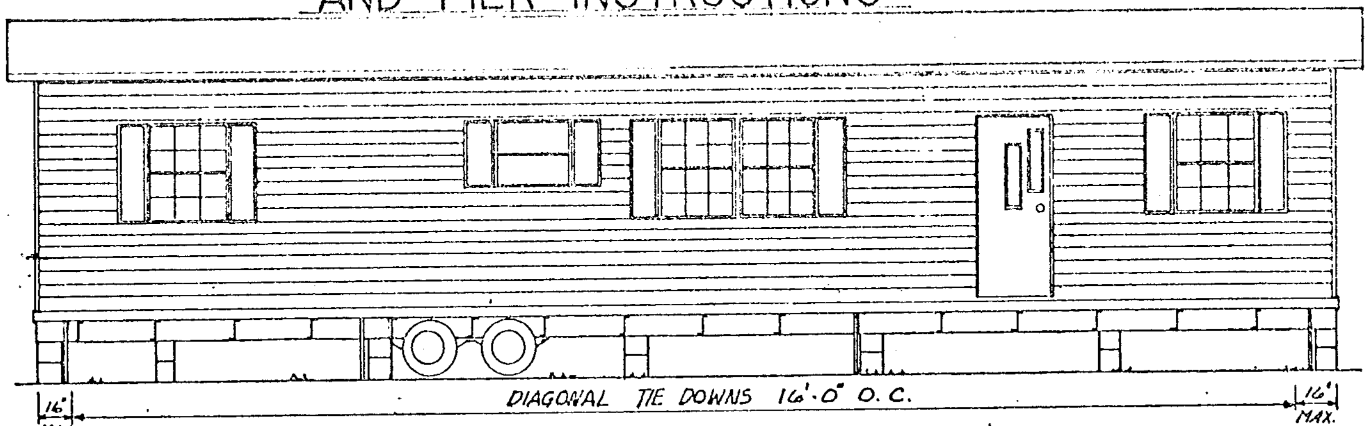
SECTION: MISCELLANEOUS

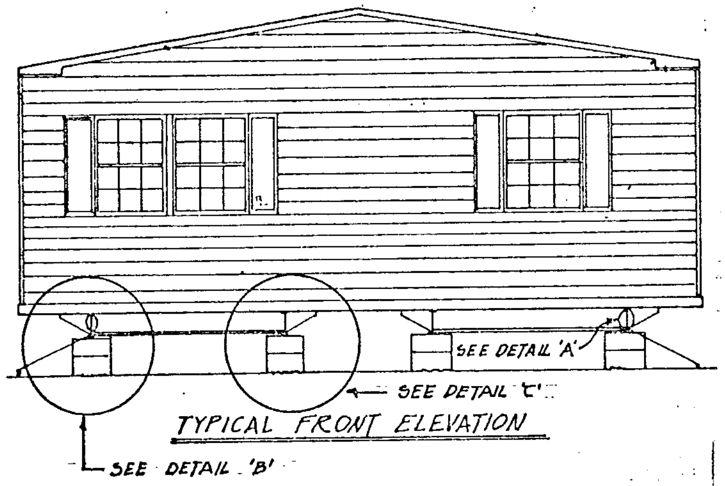
TITLE: TYP. 12 FT WIDE NON-HURRICANE TIE DOWN PIER INSTRUCTIONS

DRAWN	DATE	SHEET
[illegible]	9-22-75	2 OF 2
APPROVED	DATE	DWG NO.
D.A.M.S.	11-11-75	T5-303

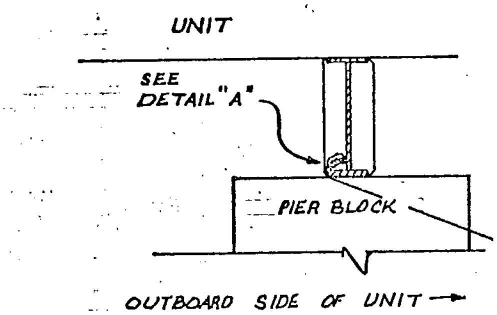
TYPICAL 24-FT WIDE NON-HURRICANE TIEDOWN AND PIER INSTRUCTIONS



TYPICAL SIDE ELEVATION

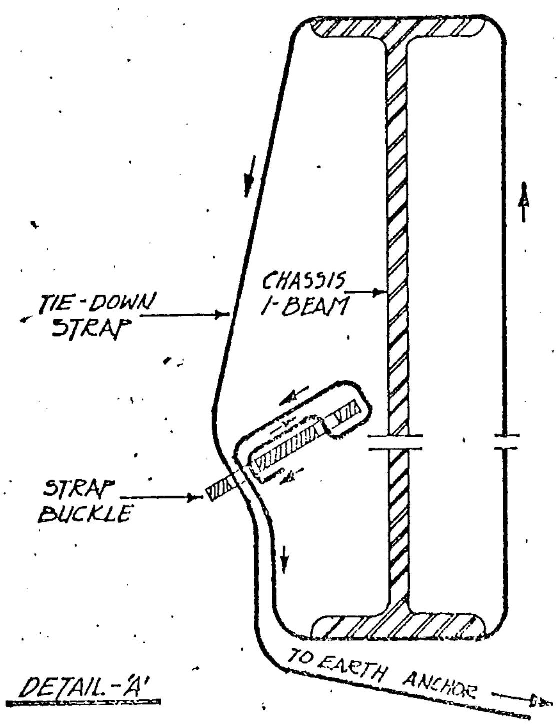


TYPICAL FRONT ELEVATION



NOTES

1. DIAGONAL TIES FROM FRAME TO ANCHOR ARE LOCATED 16' O.C. BEGINNING AT FRONT OF COACH.
2. THE STRAPPING, STRAP BUCKLE & ANCHORS SHALL BE FURNISHED BY OTHERS, AND CONFORM TO STANDARD FOR MOBILE HOMES, ANSI A119.1.
3. THE STRAP SHALL BE TYPE 1, CLASS B, GRADE 1, STEEL STRAPPING 1¼" WIDE AND 0.035" THICK, CONFORMING WITH FEDERAL SPECIFICATION QQ-S-781-F OR BETTER.
4. PIERS SHALL BE LOCATED UNDER THE I-BEAMS AT EACH END OF UNIT, AND 8' O.C. BEGINNING AT FRONT OF COACH.
5. IN WHEEL AREA, PIER SPACING MAY BE INCREASED TO 16' MAX. TO AVOID TIRES AND PIERS SHALL BE DOUBLED FORE & AFT OF WHEEL AREA.
6. EACH PIER IS TO BE CONSTRUCTED TO CARRY A VERTICAL DESIGN LOAD OF 4,800 LBS.
7. ADDITIONAL PIERS ARE TO BE LOCATED UNDER DOUBLE WIDE CENTER WALL EDGE MEMBERS AT LOCATIONS MARKED WITH PAINT.

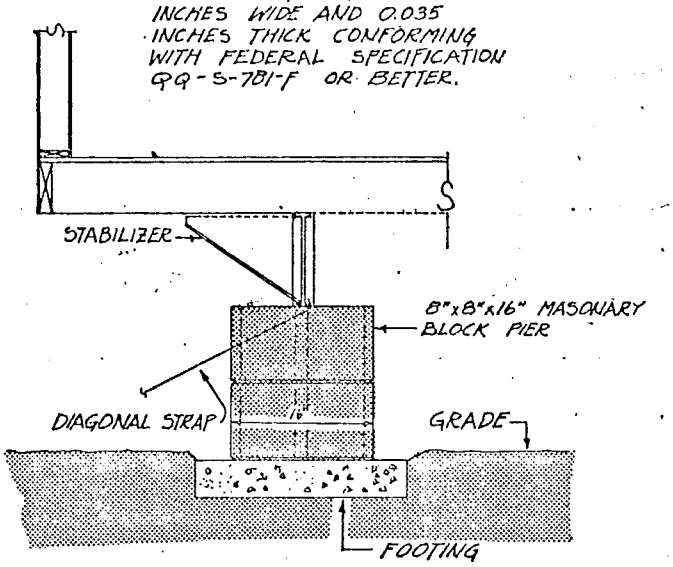


DETAIL-'A'

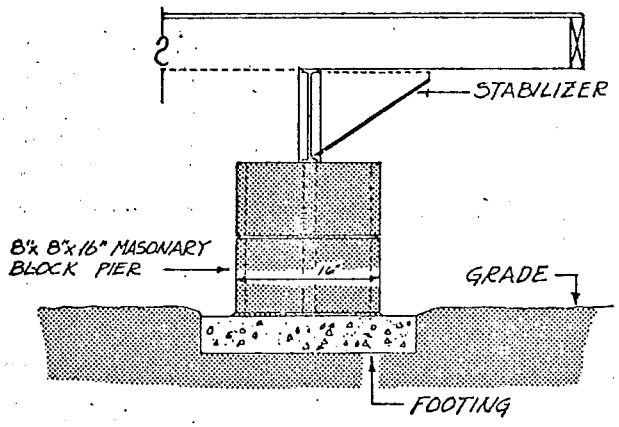
LET.	REVISION	DATE	DWN	CHK'D	LET	REVISION	DATE	DWN	CHK'D

Bendix Home Systems, Inc. Manufacturing Standards Manual Vol.	Copyright © By Bendix Home Systems, Inc. ALL RIGHTS RESERVED. Copyright © 1975 by Bendix Home Systems, Inc. [illegible]	SECTION MISCELLANEOUS	DRAWN R.MIER	DATE 9-24-75	SHEET 1 OF 2
		TITLE TYPICAL 24-FT WIDE NON-HURRICANE TIE DOWN & PIER INSTRUCTIONS	APPROVED [illegible]	DATE 11-11-75	DWG NO. [illegible]-305

TYPE I, CLASS B, GRADE I, STEEL STRAPPING 1¼ INCHES WIDE AND 0.035 INCHES THICK CONFORMING WITH FEDERAL SPECIFICATION QQ-S-781-F OR BETTER.



DETAIL 'B'



DETAIL 'C'

LET.	REVISION	DATE	DWN.	CHK'D	LET.	REVISION	DATE	DWN.	CHK'D

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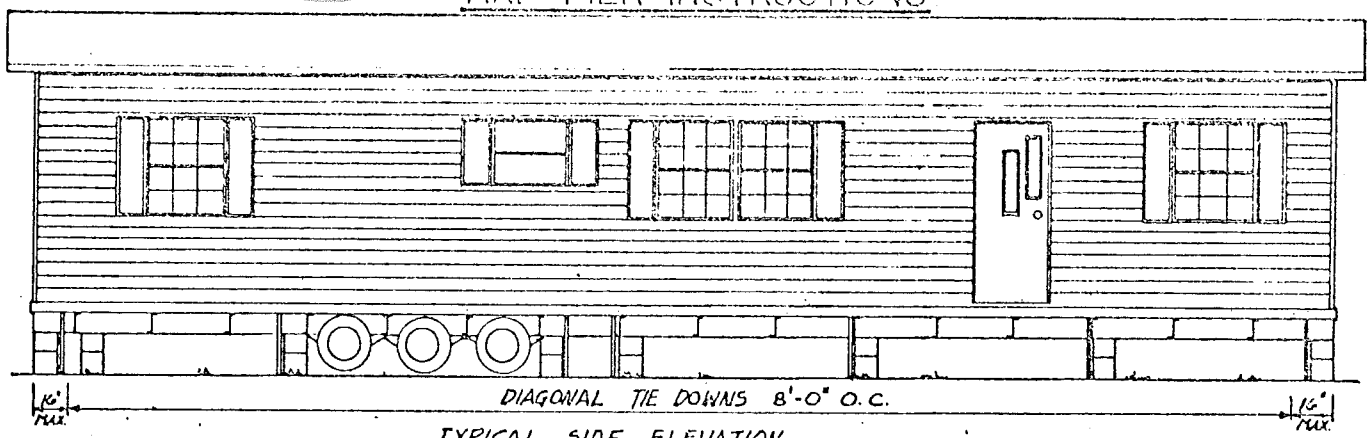
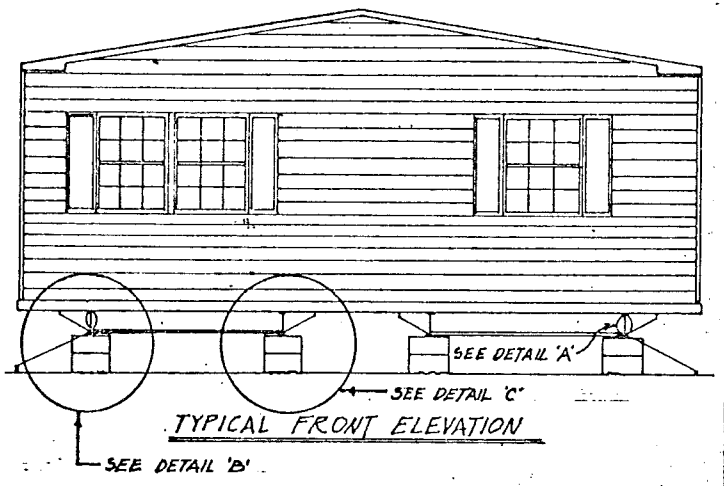
SECTION	DRAWN	DATE	SHEET
MISCELLANEOUS	R'MYER	9-25-75	2 OF 2
TITLE TYPICAL 24'-1 WIDE NON-HURRICANE REGION 4 PIER RESTRICTIONS	APPROVED Bams.	DATE 11-11-75	DWG NO T5-305

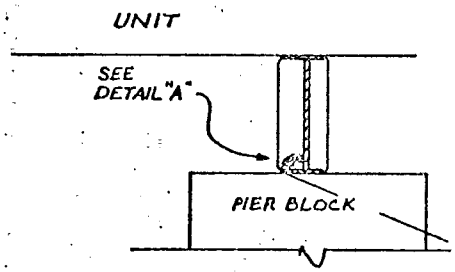
TYP. 26 FT. WIDE NON-HURRICANE (NORTHERN ZONE) TIE-DOWN AND PIER INSTRUCTIONS

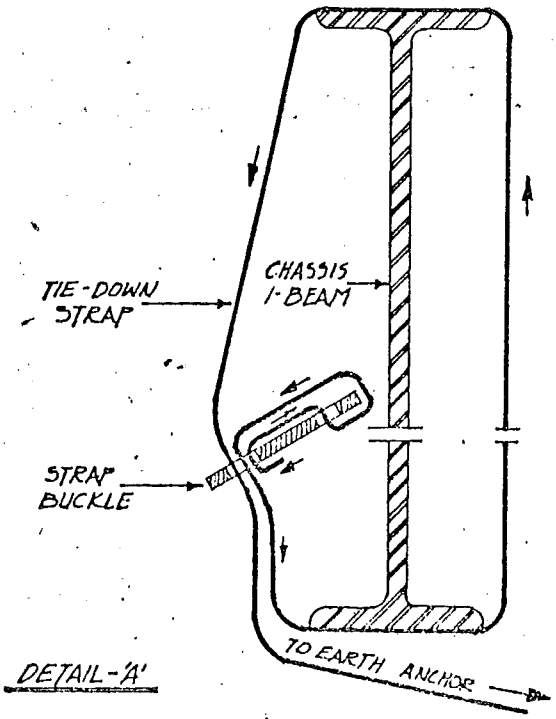


TYPICAL SIDE ELEVATION



TYPICAL FRONT ELEVATION





DETAIL-'A'

NOTES

1. DIAGONAL TIES FROM FRAME TO ANCHOR ARE LOCATED 8' OC BEGINNING AT FRONT OF COACH.
2. IN WHEEL AREA, DIAGONAL TIE SPACING MAY BE INCREASED TO 16' MAX. TO AVOID TIRES, AND TWO DIAGONAL STRAPS SHALL BE PROVIDED FORE & AFT OF THE WHEEL AREA.
3. THE STRAPPING, STRAP BUCKLE & ANCHORS SHALL BE FURNISHED BY OTHERS AND CONFORM TO STANDARD FOR MOBILE HOMES, ANSI A119.1.
4. THE STRAP SHALL BE TYPE 1, CLASS B, GRADE 1, STEEL STRAPPING 1¼" WIDE AND 0.035" THICK, CONFORMING WITH FEDERAL SPECIFICATION QQ-S-781-F OR BETTER.
5. PIERS SHALL BE LOCATED UNDER THE I-BEAMS AT EACH END OF UNIT AND 8' O.C. BEGINNING AT FRONT OF COACH.
6. IN WHEEL AREA, PIER SPACING MAY BE INCREASED TO 16' MAX. TO AVOID TIRES AND PIERS SHALL BE DOUBLED FORE & AFT OF WHEEL AREA.
7. EACH PIER IS TO BE CONSTRUCTED TO CARRY A VERTICAL DESIGN LOAD OF 5,600 LBS.
8. ADDITIONAL PIERS ARE TO BE LOCATED UNDER DOUBLE WIDE CENTER WALL EDGE MEMBERS AT LOCATIONS MARKED WITH PAINT.

LET.	REVISION	DATE	DWN	CHK'D	LET	REVISION	DATE	DWN	CHK'D

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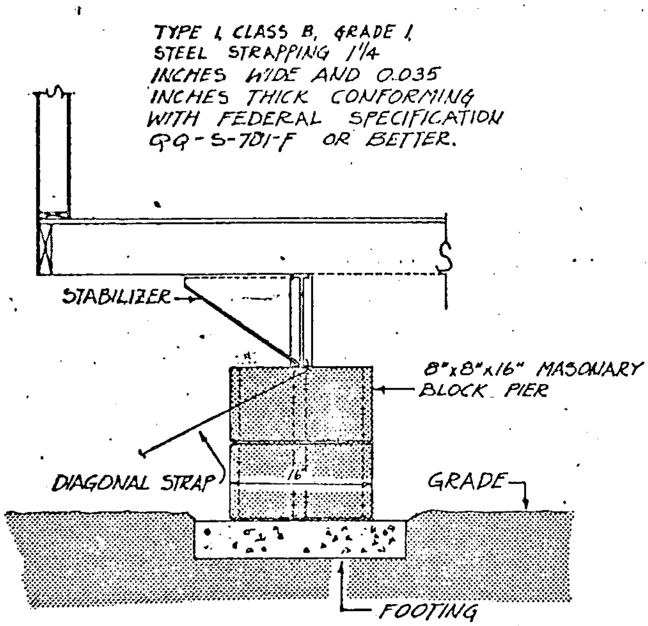
SECTION	DIVISION	DATE	SHEET
MISCELLANEOUS	8 PIER	9 29 75	1 of 2
TITLE TYPICAL 26-FT NON-HURRICANE TIE-DOWN AND PIER INSTRUCTIONS	APPROVED BOB MS.	DATE 11-11-75	DWG NO TS-308



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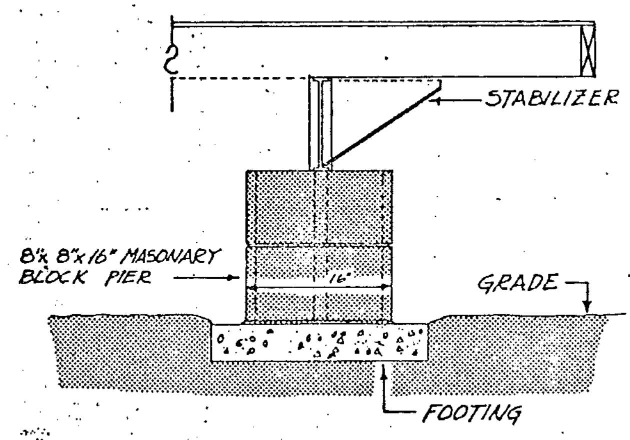

DETAIL 'C'

LET	REVISION	DATE	DWN	CHK'D	LET	REVISION	DATE	DWN	CHK'D

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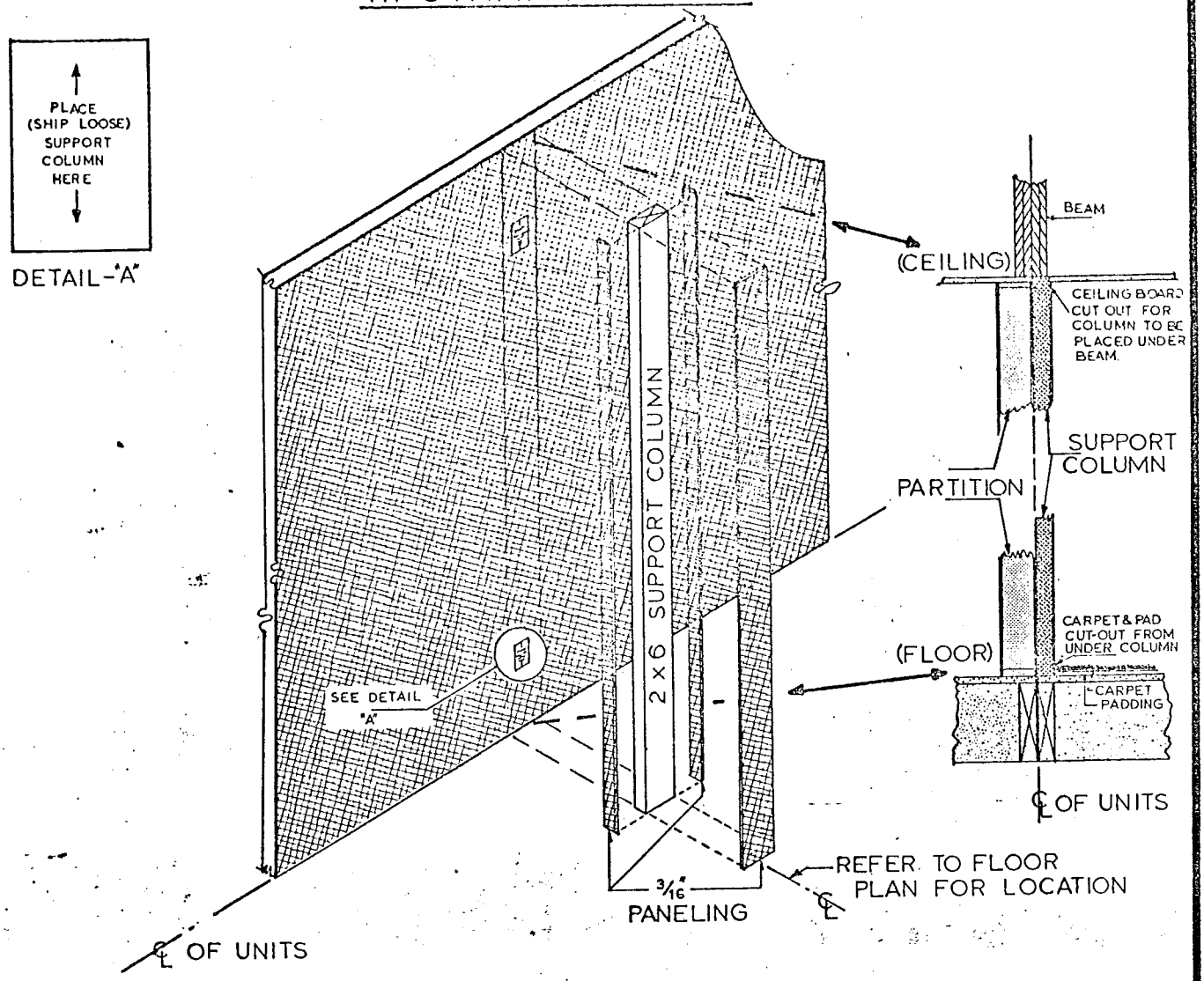
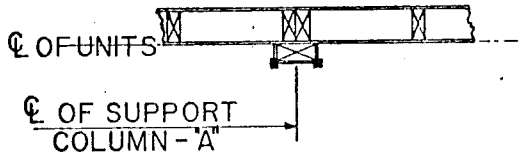
SECTION MISCELLANEOUS	DRAWN R.MYER	DATE 9-25-75	SHEET 2 OF 2
TITLE TYPICAL 2-17 WIDE HURRICANE TIEDOWN AND PIER INSTRUCTIONS	APPROVED D.C.M.S	DATE 11-11-75	DWG NO 15-308

TYPICAL 2x6 COLUMN SUPPORT FOR DOUBLE WIDES W/ STRAIGHT WALL



NOTES:

1. 2x6 COLUMN SUPPORT SHALL HAVE A MINIMUM FIBER STRESS IN BENDING OF AT LEAST 300 PSI (SINGLE) -- i.e.NO. 3 S-P-F OR EQUIVANENT.
2. 12D NAILS AT 12" O.C. SHALL BE DRIVEN HALF WAY INTO COLUMN SUPPORT.
3. SHIPPED-LOOSE COLUMNS SHALL BE FIELD INSTALLED AT MARKED PANELS ON ADJACENT HALF OF DOUBLE WIDE UNITS.
4. COMPLETE THE DRIVING OF NAILS THROUGH THE SUPPORT COLUMN INTO THE PARTITION.
5. EXERCISE CARE TO MAINTAIN TRUE AND PLUMB.



PLAN VIEW DETAIL

LET.	REVISION	DATE	DWN	CHK'D	LET.	REVISION	DATE	DWN	CHK'D

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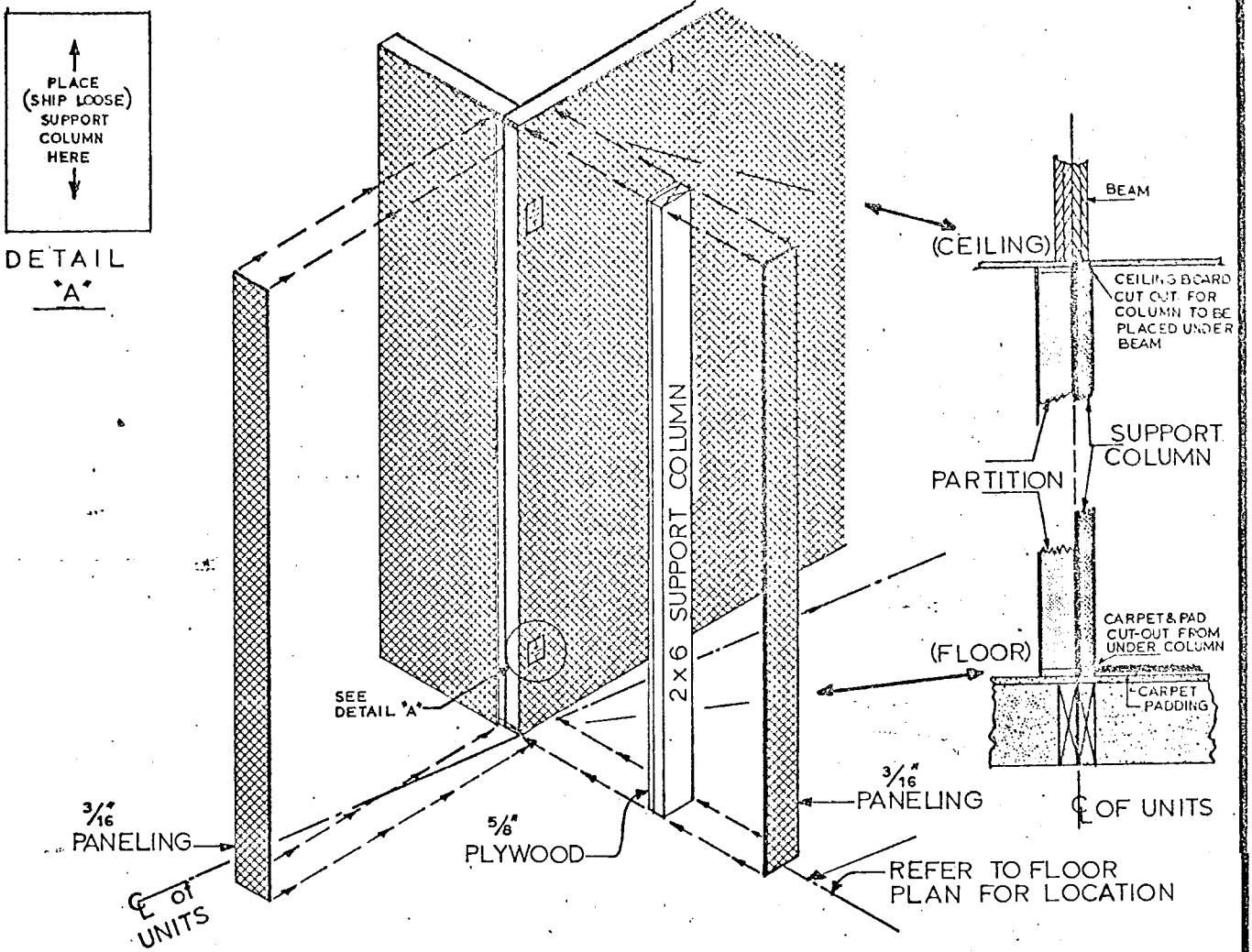
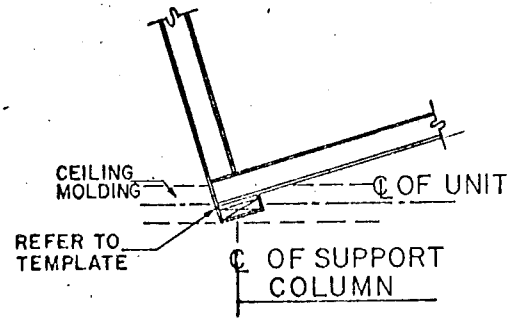
SECTION	DRAWN	DATE	SHEET
WALLS	V.KELLAR	6/23/75	1 OF 1
TITLE TYPICAL 2x6 COLUMN SUPPORT FOR DOUBLE WIDES W/STRAIGHT WALL	APPROVED D.O.M.S.	DATE 7-14-75	DWG NO 55-401

TYPICAL 2x6 COLUMN SUPPORT FOR DOUBLE WIDES W/ DIAGONAL WALL



NOTES:

1. 2x6 COLUMN SUPPORT SHALL HAVE A MINIMUM FIBER STRESS IN BENDING OF AT LEAST 300 PSI (SINGLE)--i.e. NO. 3 S-P-F OR EQUIVANENT.
2. 5/8" STANDARD GRADE, INTERIOR OR EXTERIOR PLYWOOD SHALL BE GLUED TO 2x6 SUPPORT COLUMN.
3. 12D NAILS AT 12" O.C. SHALL BE DRIVEN HALF-WAY INTO COLUMN SUPPORT.
4. SHIPPED-LOOSE COLUMNS SHALL BE FIELD INSTALLED AT MARKED PANELS ON ADJACENT HALF OF DOUBLE WIDE UNITS.
5. COMPLETE THE DRIVING OF NAILS THROUGH THE SUPPORT COLUMN INTO THE PARTITION.
6. EXERCISE CARE TO MAINTAIN TRUE AND PLUMB.



PLAN VIEW DETAIL

LET.	REVISION	DATE	DWN	CHK'D	LET	REVISION	DATE	DWN	CHK'D

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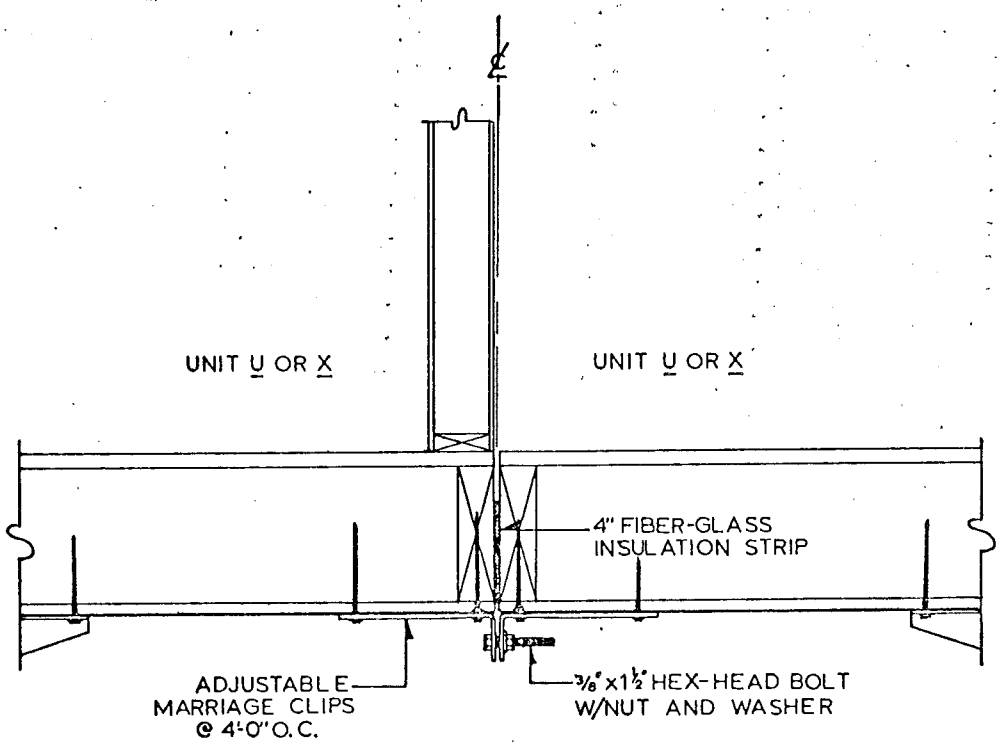
SECTION	DRAWN	DATE	SHEET
WALLS	V. KELLAR	6/23/75	1 OF 1
TITLE TYPICAL 2x6 COLUMN SUPPORT FOR DOUBLE WIDES W/ DIAGONAL WALL	APPROVED D.A.M.S.	DATE 7-14-75	DWG NO 55-402

ANCHORING OF THE FLOORS: (WITH ADJUSTABLE MARRIAGE CLIPS)

Bolt units together beginning at the front of the chassis. Bolt the two units together with 3/8" full threaded hex head bolts through the adjustable marriage clips which are provided on both units every 4'-0" along the center sides. Attach the washers and nuts onto the bolts, but do not tighten yet.

Do not pull the floor using the adjustable marriage clips, pull with the come-a-longs. See Detail below.



FLOOR CONNECTION DETAIL

W/ADJUSTABLE MARRIAGE CLIPS

LET	REVISION	DATE	DWN	CHK'D	LET	REVISION	DATE	DWN	CHK'D

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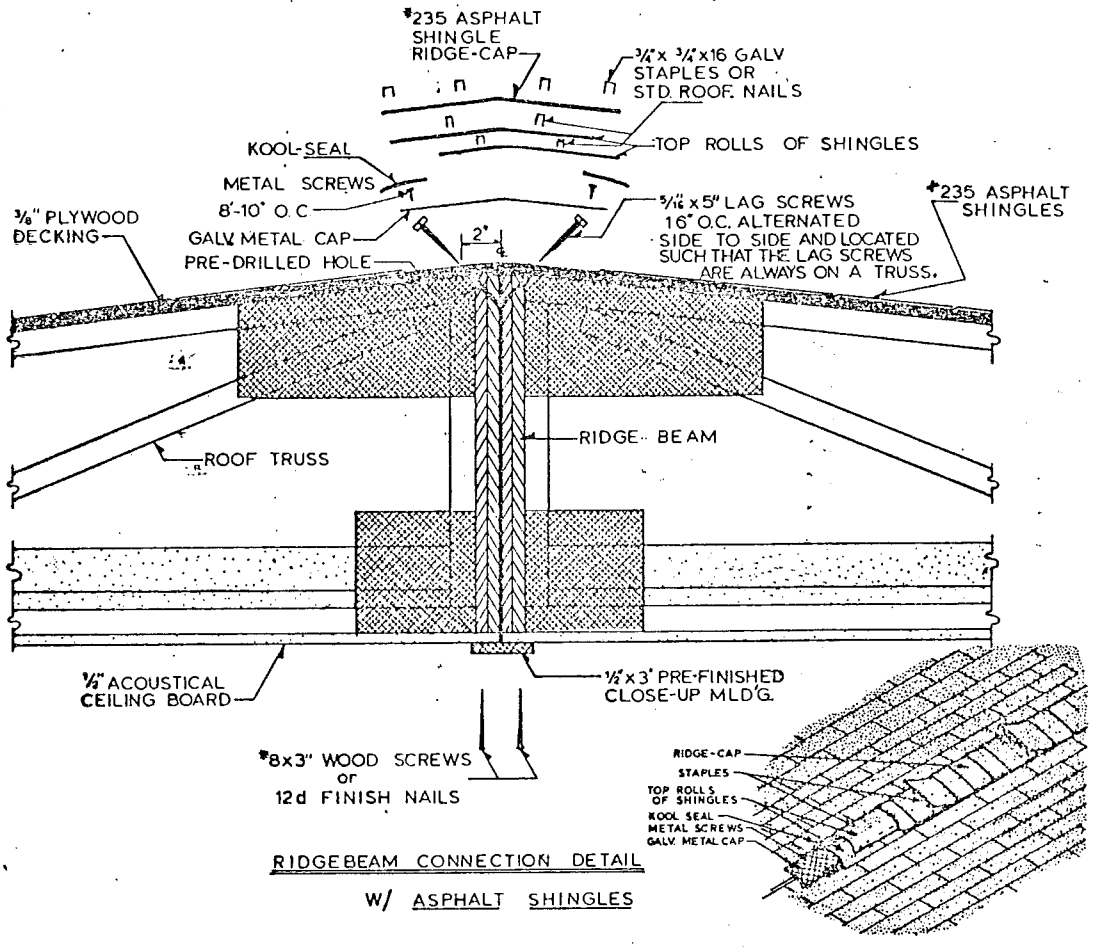
SECTION	DRAWN	DATE	SHEET OF
TITLE	APPROVED	DATE	DWG NO

ANCHORING OF THE ROOF

When the units are aligned, pre-drill 1/4" - 5/16" holes into the first beam, staggering from side to side every 16" o.c. such that the spacing on each side of the ridge is 32". The pre-drilled holes shall be on a 45° angle, spaced approximately 2" from the edge of the beam, and if possible, drill through the top of the truss and through the first beam.



RIDGEBEAM CONNECTION DETAIL
W/ ASPHALT SHINGLES

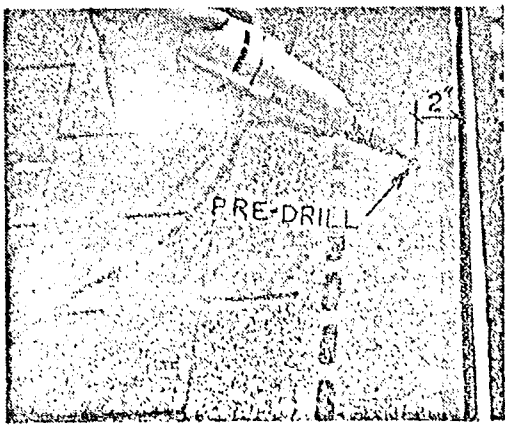


PHOTO NO. 8

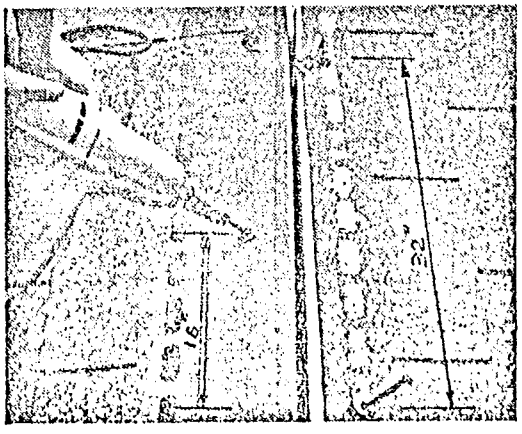


PHOTO NO. 8A

LET	REVISION	DATE	DWN	CHK'D	LET	REVISION	DATE	DWN	CHK'D

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Vol

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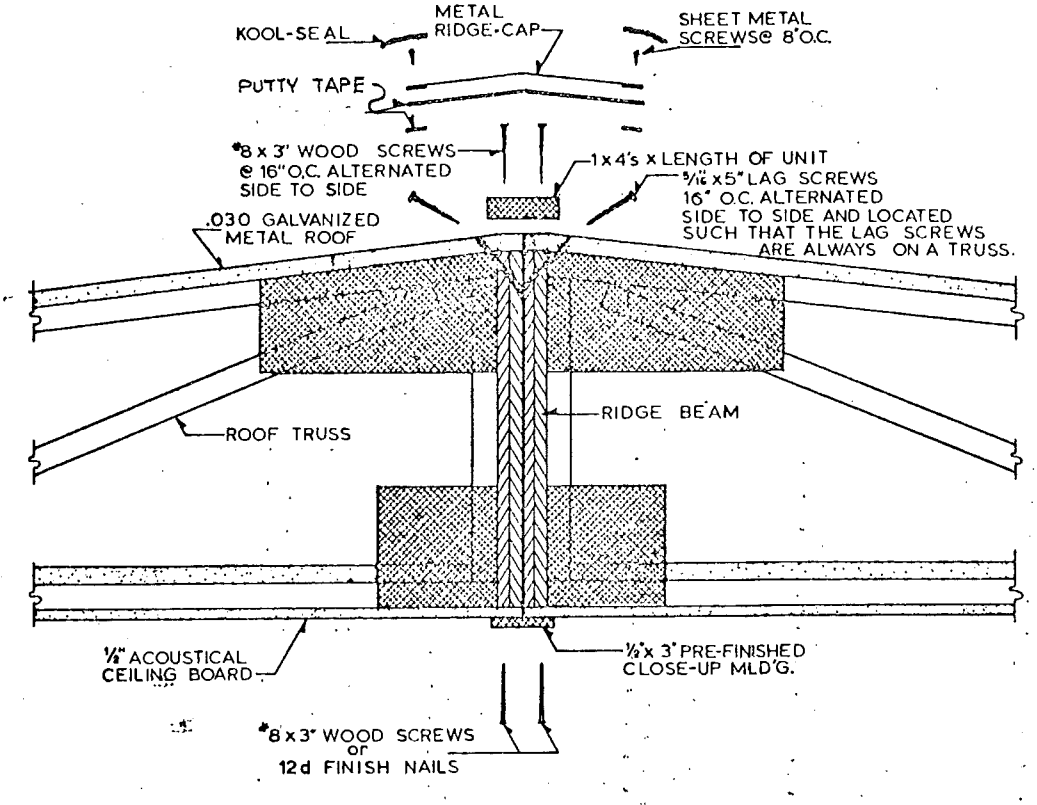
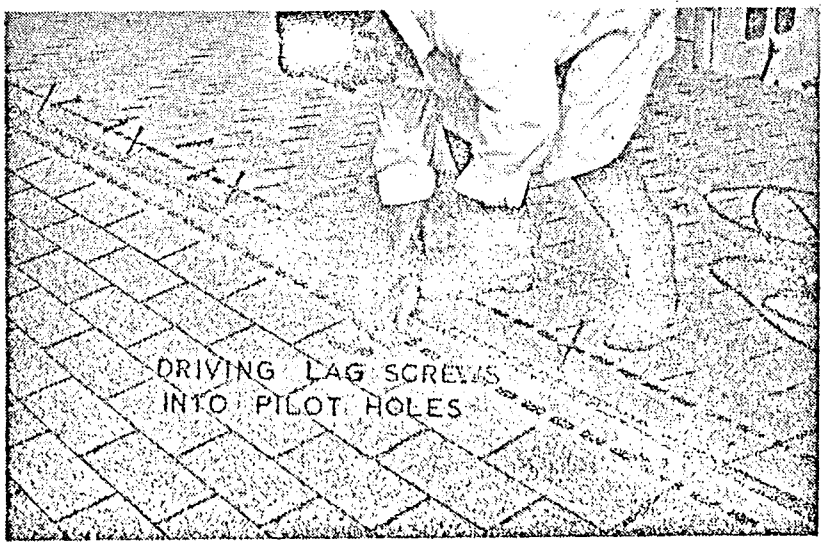
SECTION	DRAWN	DATE	SHEET OF
TITLE	APPROVED	DATE	DWG NO



RIDGEBEAM CONNECTION DETAIL
W/ GALVANIZED METAL



Prior to installing the 5/16" x 5" lag screws into the predrilled holes, check the ceiling inside for flushness and, if necessary, jack the lower ceiling flush.

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Drive the end two or three screws in first and skip one or two lag screws, and drive in the next lag screw. Continue this for the entire length of the unit.

NOTE: Drive the screws into the beam as much as possible in order to pull the beams together. It will be necessary to go back to the first lag screws installed and tighten again. See Photo 9, 9A,

When you have installed the first set of lag screws, go back and drive in the other lag screws, making certain that the ridge beams are pulled together tight and lagged securely. See Photo 9B.

PHOTO NO. 9A

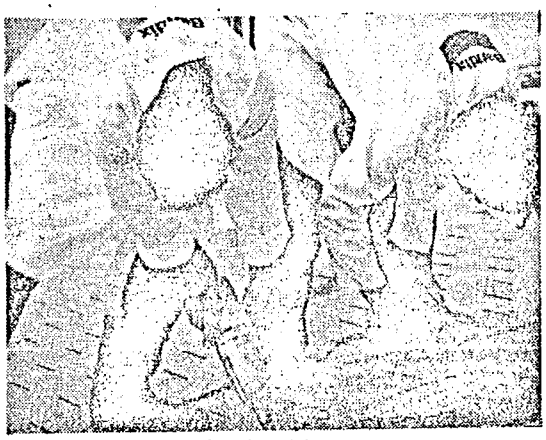

PHOTO NO. 9B

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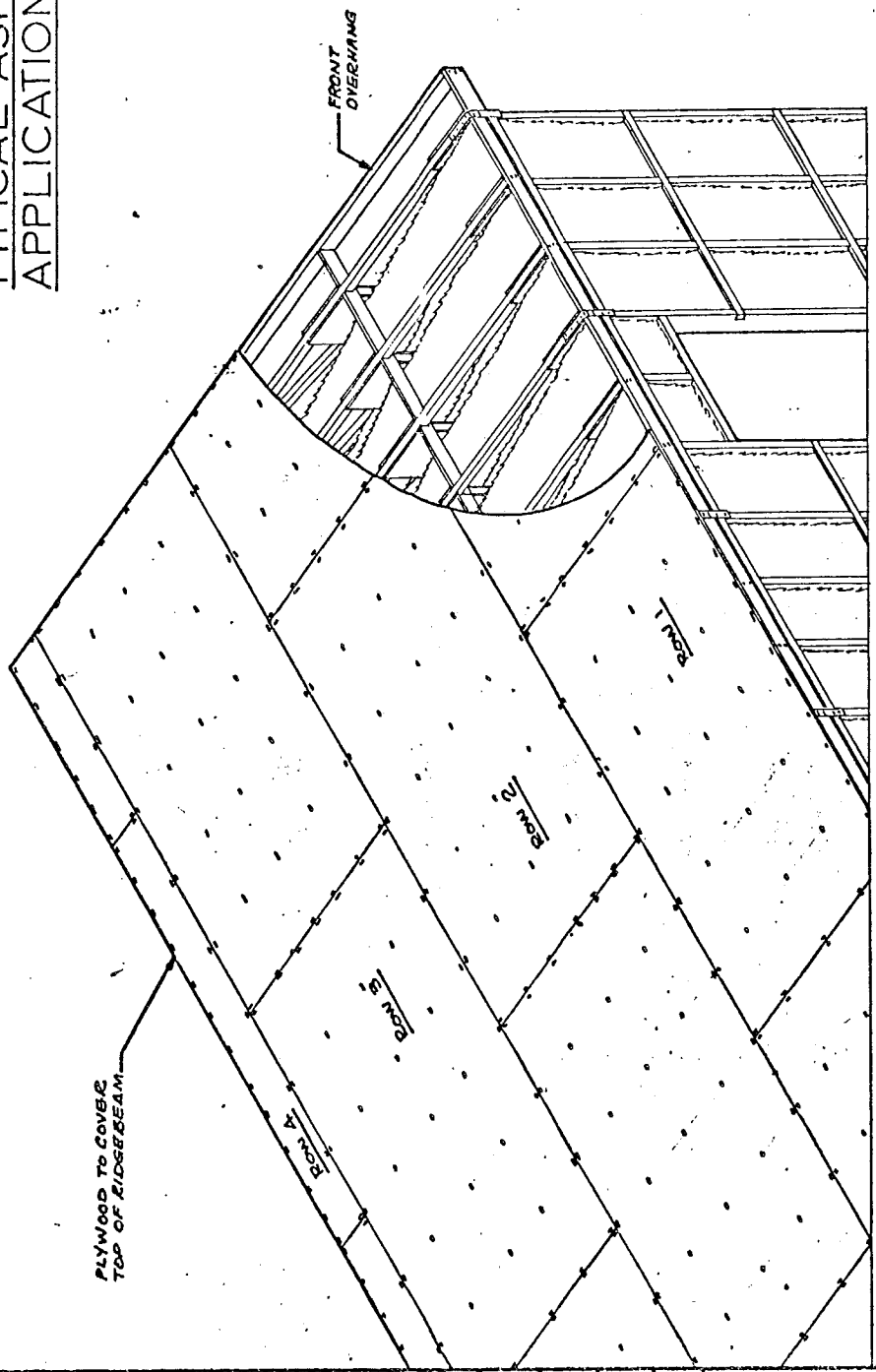
		TITLE	APPROVED	DATE	DWG NO

TYPICAL ASPHALT SHINGLE APPLICATION INSTRUCTIONS



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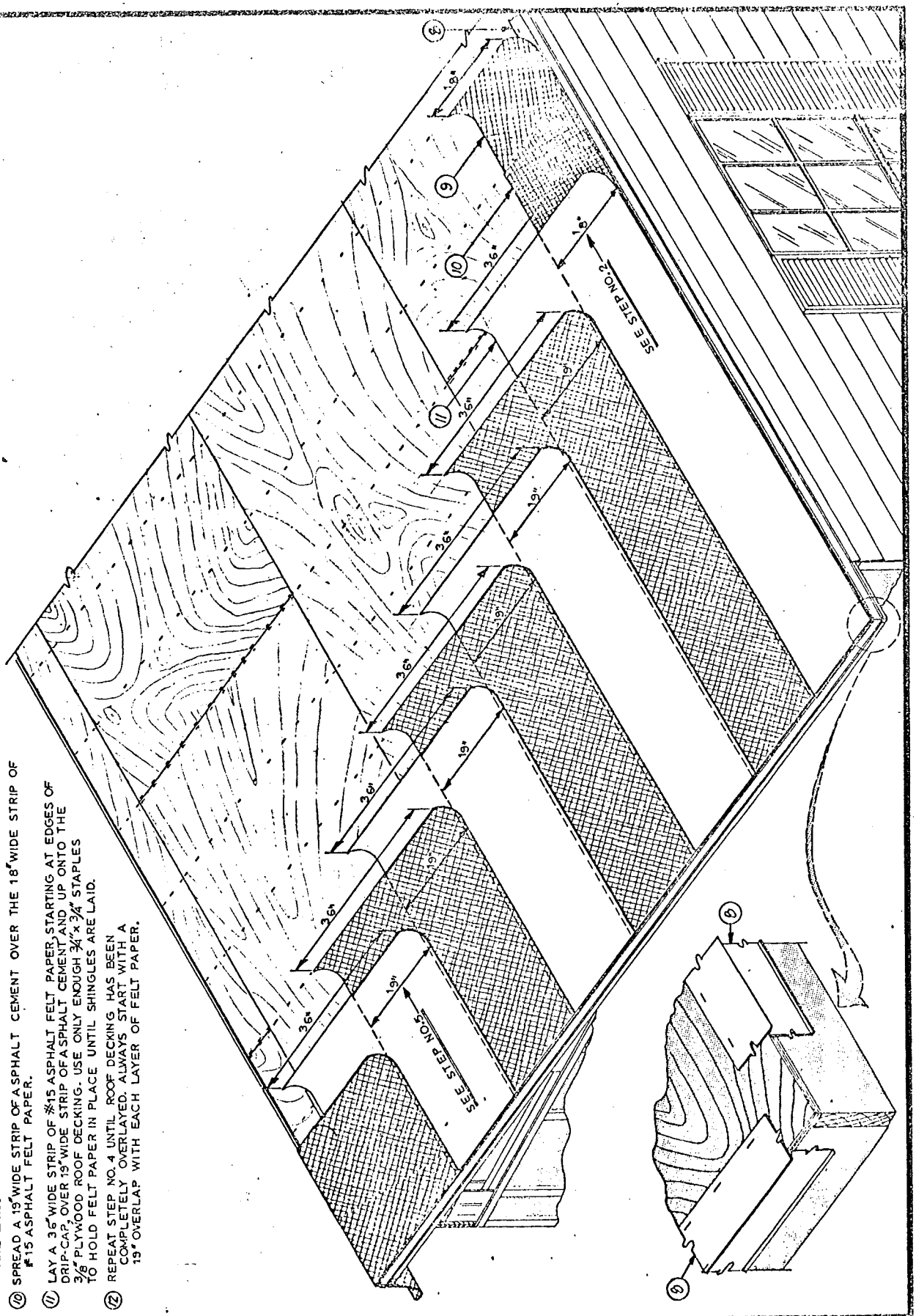
SECTION	DRAWN	DATE	SHEET
ROOF	[illegible]	7.10.75	1 OF 6
TITLE TYPICAL ASPHALT SHINGLE APPLICATION INSTRUCTIONS.	APPROVED O.A.M.S.	DATE 7-11-75	DWG NO RS-105

ASPHALT SHINGLE APPLICATION



⑥ METAL DRIP-CAP INSTALLED USING 7/16"x 3/4" STAPLES SPACED 9" TO 12" ℄ TO ℄.

⑨ CUT #15 ASPHALT FELT PAPER INTO A 18" WIDE STRIP AND ROLL ONTO ROOF DECKING. FELT PAPER TO BE FLUSH WITH EDGES OF DRIP-CAPS. STARTING 2" UP FROM EDGE OF DRIP-CAP SECURE FELT PAPER TO DECKING USING ONLY ENOUGH 3/4"x 3/4" STAPLES TO HOLD FELT PAPER IN PLACE UNTIL SHINGLES ARE LAID.

⑩ SPREAD A 19" WIDE STRIP OF ASPHALT CEMENT OVER THE 18" WIDE STRIP OF #15 ASPHALT FELT PAPER.

⑪ LAY A 36" WIDE STRIP OF #15 ASPHALT FELT PAPER, STARTING AT EDGES OF DRIP-CAP, OVER 19" WIDE STRIP OF ASPHALT CEMENT AND UP ONTO THE 3/8" PLYWOOD ROOF DECKING. USE ONLY ENOUGH 3/4"x 3/4" STAPLES TO HOLD FELT PAPER IN PLACE UNTIL SHINGLES ARE LAID.

⑫ REPEAT STEP NO. 4 UNTIL ROOF DECKING HAS BEEN COMPLETELY OVERLAYED. ALWAYS START WITH A 19" OVERLAP WITH EACH LAYER OF FELT PAPER.

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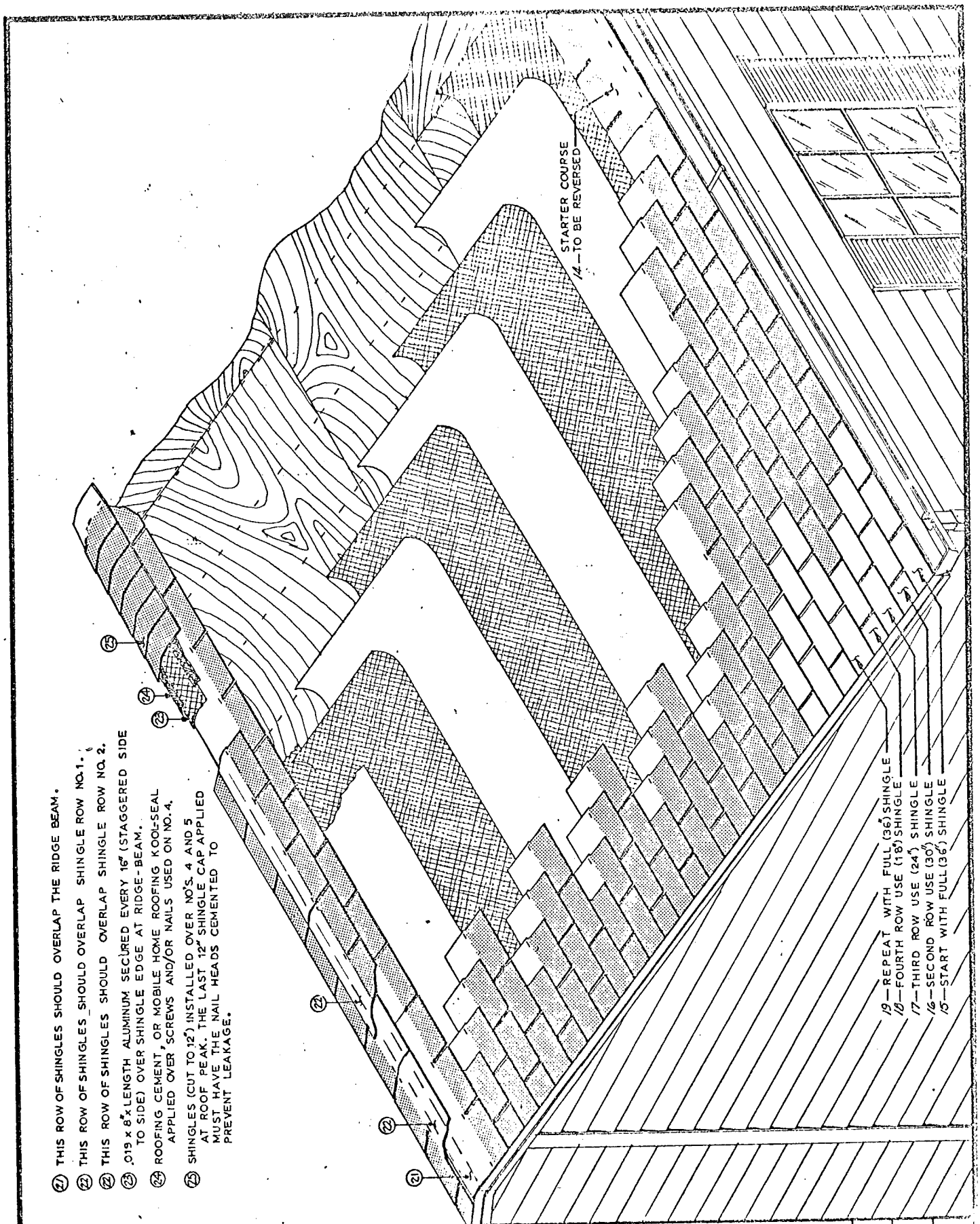
SECTION	DRAWN	DATE	SHEET
ROOF	H.Krueger	3-6-74	2 OF 6
TITLE ASPHALT SHINGLE APPLICATION INSTRUCT.	APPROVED D.Adams	DATE 4-14-75	DWG NO BS-106



(21) THIS ROW OF SHINGLES SHOULD OVERLAP THE RIDGE BEAM.

(22) THIS ROW OF SHINGLES SHOULD OVERLAP SHINGLE ROW NO. 1.

(23) THIS ROW OF SHINGLES SHOULD OVERLAP SHINGLE ROW NO. 2.

(24) .019 x 8"x LENGTH ALUMINUM SECURED EVERY 16" (STAGGERED SIDE TO SIDE) OVER SHINGLE EDGE AT RIDGE-BEAM.

(25) ROOFING CEMENT, OR MOBILE HOME ROOFING KOOL-SEAL APPLIED OVER SCREWS AND/OR NAILS USED ON NO. 4.

SHINGLES (CUT TO 12") INSTALLED OVER NO'S. 4 AND 5 AT ROOF PEAK. THE LAST 12" SHINGLE CAP APPLIED MUST HAVE THE NAIL HEADS CEMENTED TO PREVENT LEAKAGE.

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SECTION: ROOF

TITLE: TYPICAL METHOD OF SHINGLE INSTALLATION

DRAWN: K. KELLAR

APPROVED: D.C.M.S.

DATE: 3-12-74

DATE: 7-14-75

SHEET 3 OF 6

DWG NO. RS-105

TYPICAL ASPHALT SHINGLE INSTALLATION

1. Start at edge of roof and lay down a 3/8" x 48" x 96" sheet of plywood decking. Secure to roof trusses and siderail with 7/16" x 3/4" staples. Staple pattern to be 8" to 10" along all edges of decking where and when possible and 12" c. to c. in the field. (Field is the area within the edges of the sheet of plywood.)

2. Lay a second 3/8" x 48" x 96" sheet of plywood decking behind the first sheet just applied and staple in the same manner and pattern as the first sheet.

3. Continue step no. 2 until the first row of 3/8" plywood decking is complete.

4. Second row--Start at edge of first row and lay down a 3/8" x 48" x96" sheet of plywood decking. Secure to roof trusses in the same manner as the first row of decking.

5. Third row--Start at edge of second row and lay down a 3/8" x 48" x96" sheet of plywood decking. Secure to roof trusses in the same manner as the first and second rows of roof decking.

6. Fourth row--Start at edge of third row and lay down a 3/8" x 48" x 96" sheet of plywood decking. This row should overlap up to, and over the top of the plywood ridge-beam. Secure this row in the same manner as all other rows. NOTE: Depending on the length of the unit, the off-fall pieces from one row may be used to start another row of decking. Vertical splices are to be avoided at all times if possible.

7. On roofs with a front overhang, start rows 1 and 3 with a 6' -8" plus overhang depth of plywood decking. Start rows 2 and 4 with 2' -8" plus overhang depth of plywood decking.

8. Install Metal Drip-Cap along side eave and front and rear of unit. Install with 7/16" x 3/4" staples at 24" c. to c.

9. Apply first row of #15 felt paper starting at either rear or front end of unit and run it horizontally with unit at edge of metal drip-cap. Secure #15 felt paper with 3/4" x 3/4" staples. Use only enough staples to hold felt paper into place until shingles are laid. (This row of felt paper to be only 18" wide.)

10. Spread a layer of asphalt cement over the existing layer of felt paper.

11. Apply a second row of #15 felt paper over the 18" wide first row and asphalt cement. The first row, asphalt cement and second row of #15 felt paper should all start at the ridge-beam width ways. (Second row of #15 felt paper to be a full 36" in width x length of unit.)

12. Third row--Start with a full 36" x length of unit felt paper. This row is to overlap the second row 19" and applied in a horizontal direction. This row as with all rows of #15 felt paper is to be secured with and with only enough 3/4" x 3/4" staples as are necessary to hold felt paper into place until shingles are laid.

TYPICAL ASPHALT SHINGLE INSTALLATION

13. The remaining rows of #15 felt paper x 36" x length are to be applied to the roof of the unit in the exact manner as that applied to in Step no. 5 until the roof has been completely covered with #15 felt paper.

14. Starting at the rear-end and at the eave edge of the unit, install a full #235 asphalt shingle inverted. The design slit should run in the direction of the open side of the unit. Using 3/4" x 3/4" staples. Continue the above method until a complete line of inverted shingles have been applied to the eave edge of the unit horizontally. Depending on the length of the unit the final shingle of this row of shingles may have to be cut. Any and all steps of instructions up to this point when completed will have all materials applied flush with the outboard edge of the metal drip-cap.

15. First row of shingles--This row is to be applied starting at the rear of the unit and horizontally with the unit and directly over the inverted starter row of shingles. This first row of shingles should overhang all other materials up to this point 1/4" to 3/8". Using 3/4" x 3/4" staples, use 4 staples to hold the shingle in place and apply staples approximately 1" above the design slit of the shingle. Continue this method of installation until the first row is completed horizontally with the eave edge of the unit. Depending on the length of the unit the final shingle of this row of shingles may have to be cut. Remember to cut it so that there is a 1/4" to 3/8" overhang of the other material.

16. Second row of shingels--This row is to be applied starting at the rear of the unit and horizontally with the unit and 5" to 5 1/2" above the first row of shingles. The first shingle of this row is to be cut to 30". The remaining shingles in the second row are not to be cut except for the last shingle depending on the length of the unit. Remember the 1/4" to 3/8" overhang at the end of the row. The first row, second row, and remaining rows to be applied are to be secured with 3/4" x 3/4" staples, 4 staples to a shingle, or 12" c. to c.

17. Third row of shingles--Cut the first shingle of this row to 24". Follow step no. 3 until the row of shingles has been completed. Step no. 3 will apply to all existing rows to be applied until the last row has been installed closest to the ridge-beam, with the following exceptions.

18. Fourth row of shingles--Cut the first shingle of this row to 18". Follow step no. 3 until the row of shingles has been completed.

19. Fifth row of shingles--Start with a full 36" shingle as with the first row of shingles in step no. 2. This row repeats the pattern just finished and will repeat itself until all shingles have been installed up to the row of shingles closest to the ridge-beam.

20. The last row of factory installed shingles should stop just short of overhanging the ridge-beam.

TYPICAL ASPHALT SHINGLE INSTALLATION

21. With the two-halves of the mobile home secured together the remaining shingles and center cap may now be installed. To the existing row of shingles at the ridge-beam start a row of shingles and install so that the top-edge of the shingle overlaps and is stapled to the existing row of the shingles of the opposite half of the mobile home. Having done this move to the other half of the mobile home roof.

22. Install the row of shingles in the same manner as the row on the opposite side was installed. If at this point there is more than 12" of unfinished shingle material exposed between the last rows of the shingles on the units it will be necessary to apply another row of the shingles to the opposite half again.

23. Install the roll of .019 x 8" x length aluminum material supplied with the unit over the unfinished shingle material area and secure with #8 x 1 1/2" screws or 1 1/4" regular big-head shingle roofing nails, at 16" c. to c. staggered alternately from one unit to the other.

24. Apply asphalt roofing cement or regular mobile home roofing Kool-seal cement over the screws or nails and the edges of the aluminum centre-cap strip.

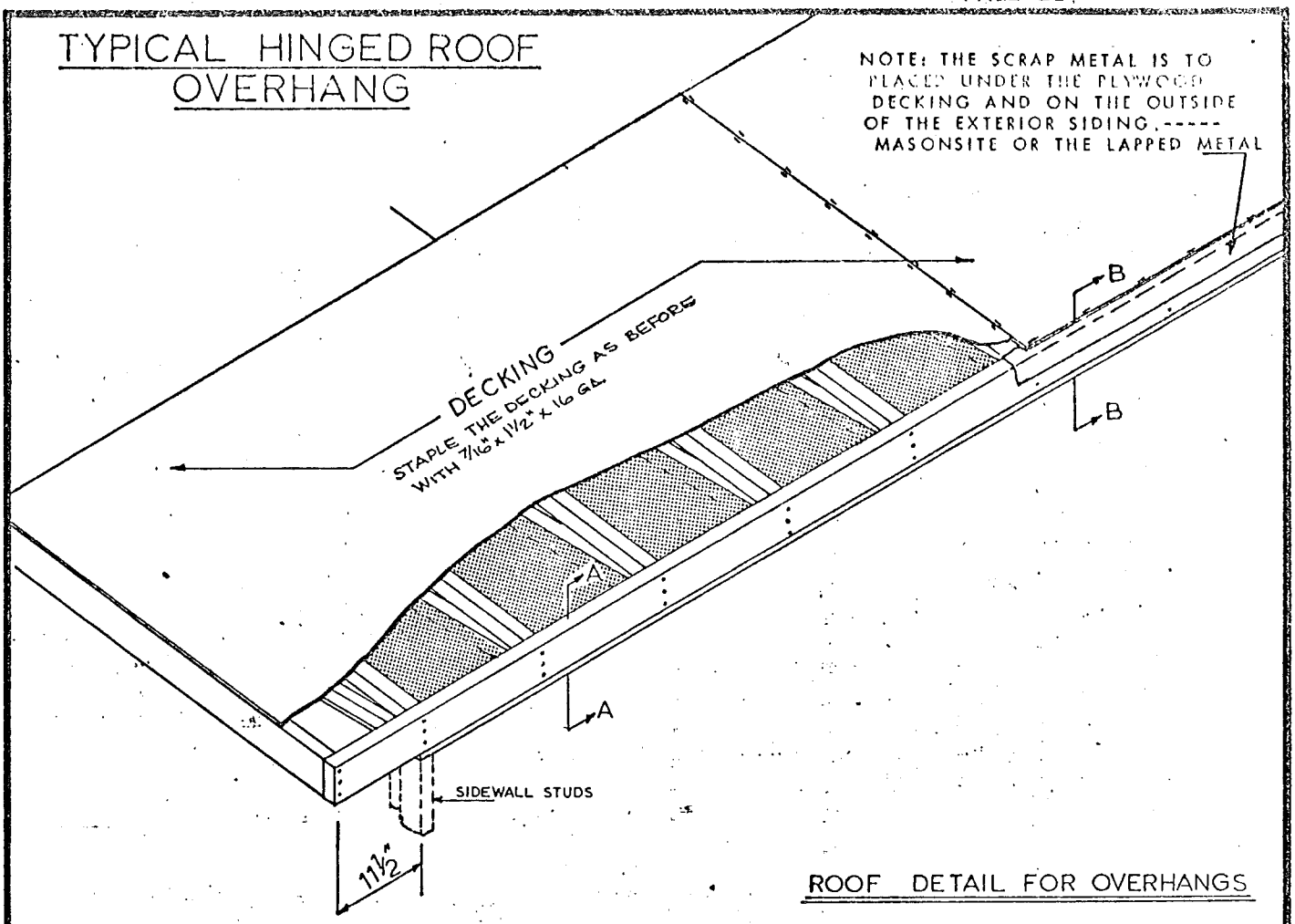
25. Cut 36" full width shingles into 3 equal 12" pieces. These pieces should be cut so that the exposed area is 12" and tapered to 10" at the covered end of the shingle cap. Cut enough pieces from shingles to run the complete length of the units.

26. The 12" shingle cap is applied so that the exposed material of the shingle is run from one unit across the ridge to the opposite unit. Regular 1 1/4" big-head shingle roofing nails are recommended for the ridge-cap application. Nail the starter cap at all four corners. The next 12" shingle cap piece is installed over the first with the same exposure of shingle material as have the regular horizontally installed shingles. Install with two nails into the corners of the unfinished shingle material. Repeat this process of installation until all shingle cap pieces have been installed. The final shingle cap piece may have to be cut.

27. The last and final piece of shingle cap will be cut so that only the exposed finished material is visible and this piece will be nailed at all four corners

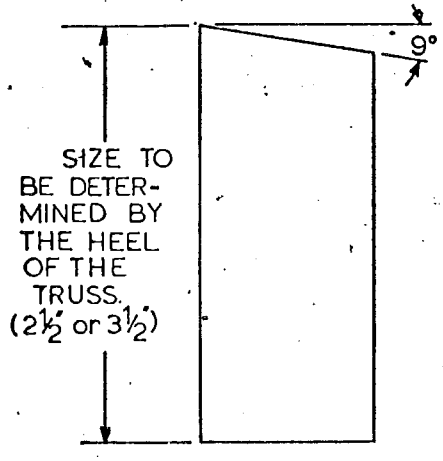
28. Asphalt cement is applied over any exposed nails in the shingle cap pieces. The exposed nails should only occur at the ends of the shingle cap row. Care should be taken to avoid getting asphalt on any area other than the nail heads.

TYPICAL HINGED ROOF OVERHANG



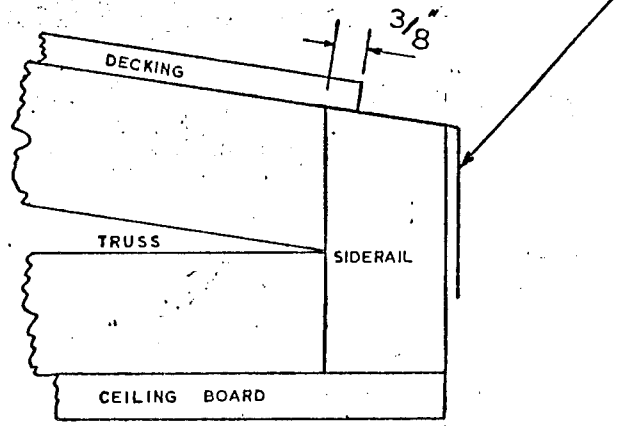
ROOF DETAIL FOR OVERHANGS

NOTE:
IT IS VERY IMPORTANT THAT THE SIDERAIL BE CUT ON AN ANGLE TO ALLOW THE CEILING TO REMAIN STRAIGHT AT THE HINGLED SECTION.



DETAIL A-A
ROOFS SIDERAIL

4" OR 6" PIECE OF SCRAP METAL PLACED UNDER THE DECKING AND ON TOP OF THE TRUSSES AND COVERING OVER EXTERIOR SIDING,— MASONSITE OR LAPPED METAL.



DETAIL B-B

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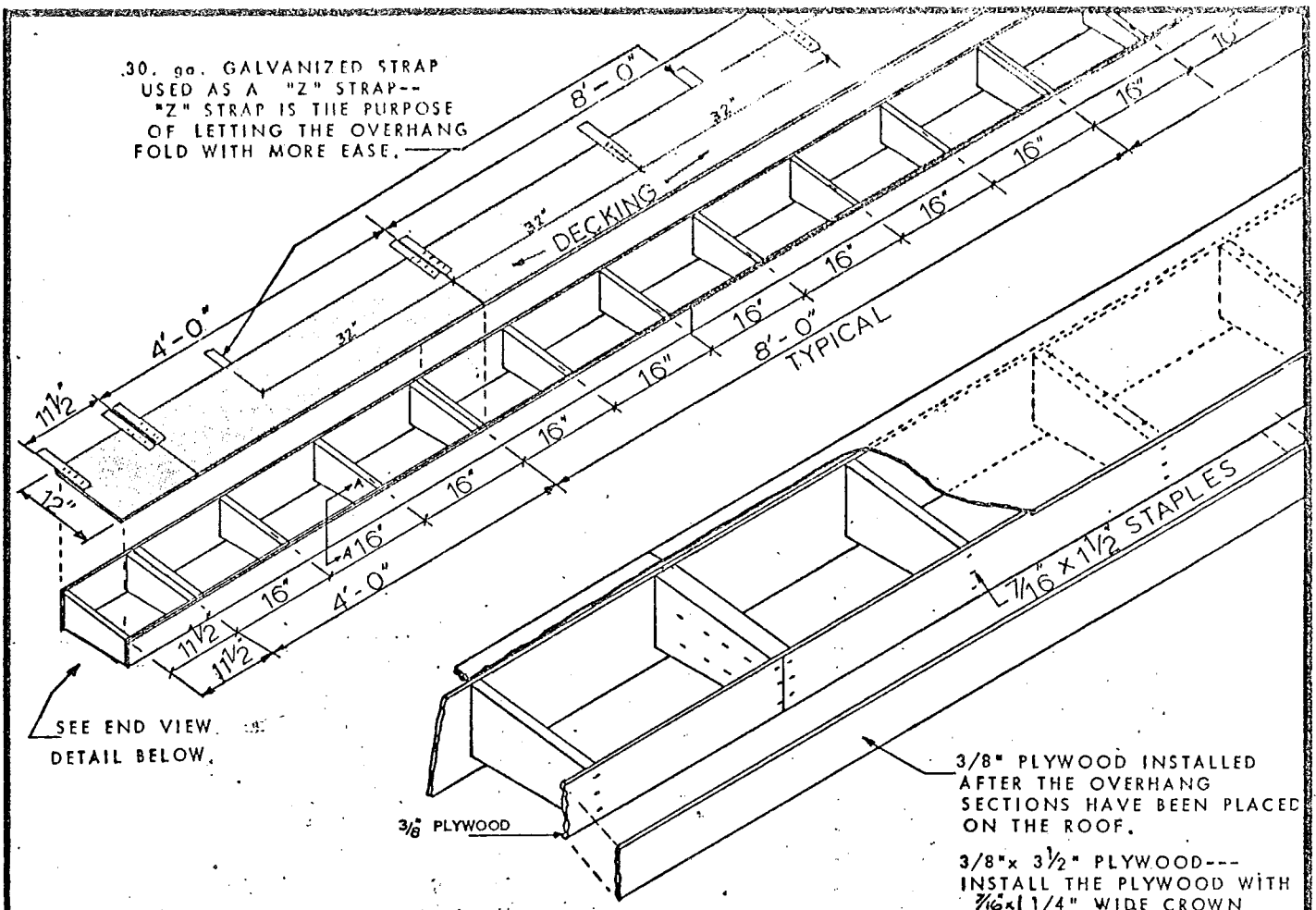
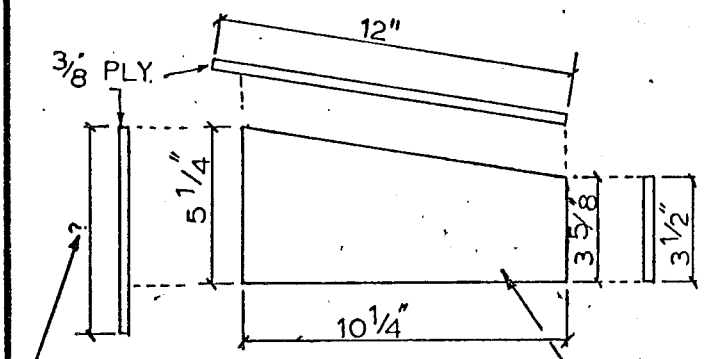
SECTION	DRAWN	DATE	SHEET
ROOF	M. Daniel	7-16-74	1 OF 7
TITLE: ROOF DETAIL FOR OVERHANGS	APPROVED: D.O.M.S.	DATE: 7-16-75	DWG NO.: RS-107



DETAIL A-A

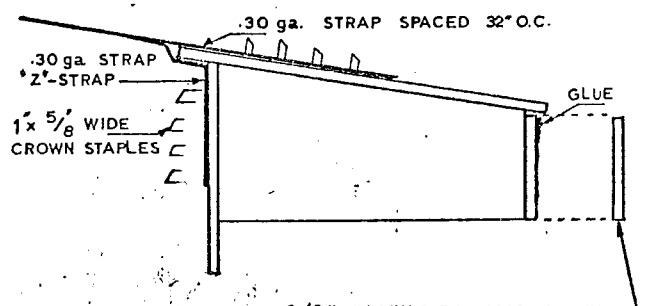


SIZE TO DETERMINED BY THE SIZE OF THE J-CHANNEL METAL USED IN LAPPED SIDING

1" = 6¾"

1¾" = 7¼"

NOTE: BLOCKS CAN BE CUT FROM----- GRADED 1x6's LUMBER or 2x6's -- SCRAP FLOOR JOIST. or 5/8" PLYWOOD



3/8" PLYWOOD INSTALLED AFTER THE OVERHANG SECTIONS HAVE BEEN PLACED ON THE ROOF, AND THE SECTIONS ANCHORED TOGETHER AT THE ENDS OF THE SECTIONS.

END VIEW DETAILS

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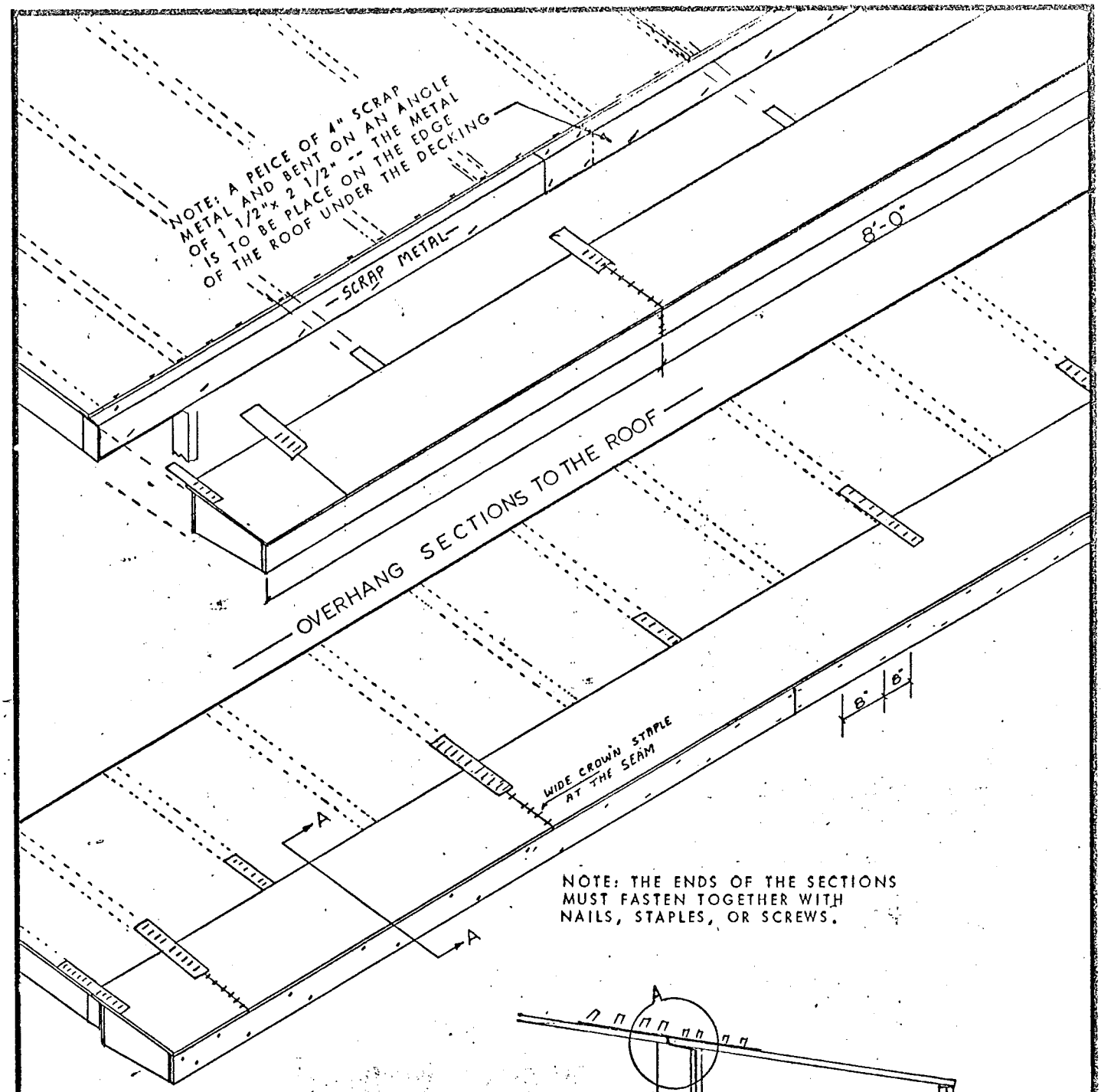
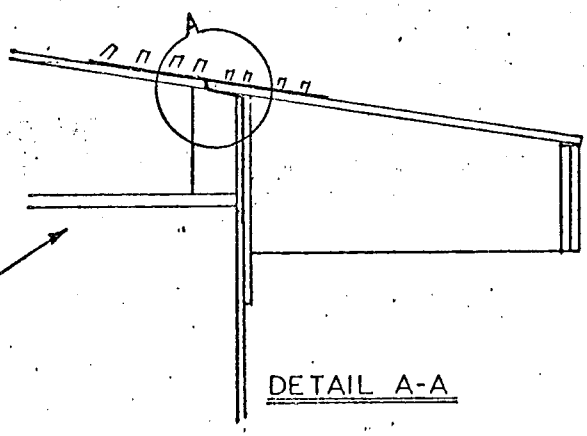
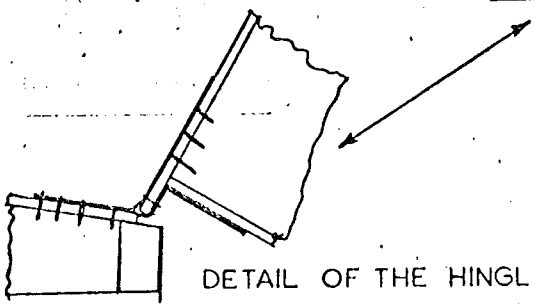
		TITLE: OVERHANG DETAIL SECTIONS	APPROVED: B.O.M.S.	DATE: 7-15-75	DWG. NO: RS-107





DETAIL A-A



DETAIL OF THE HINGLE (STRAPS)

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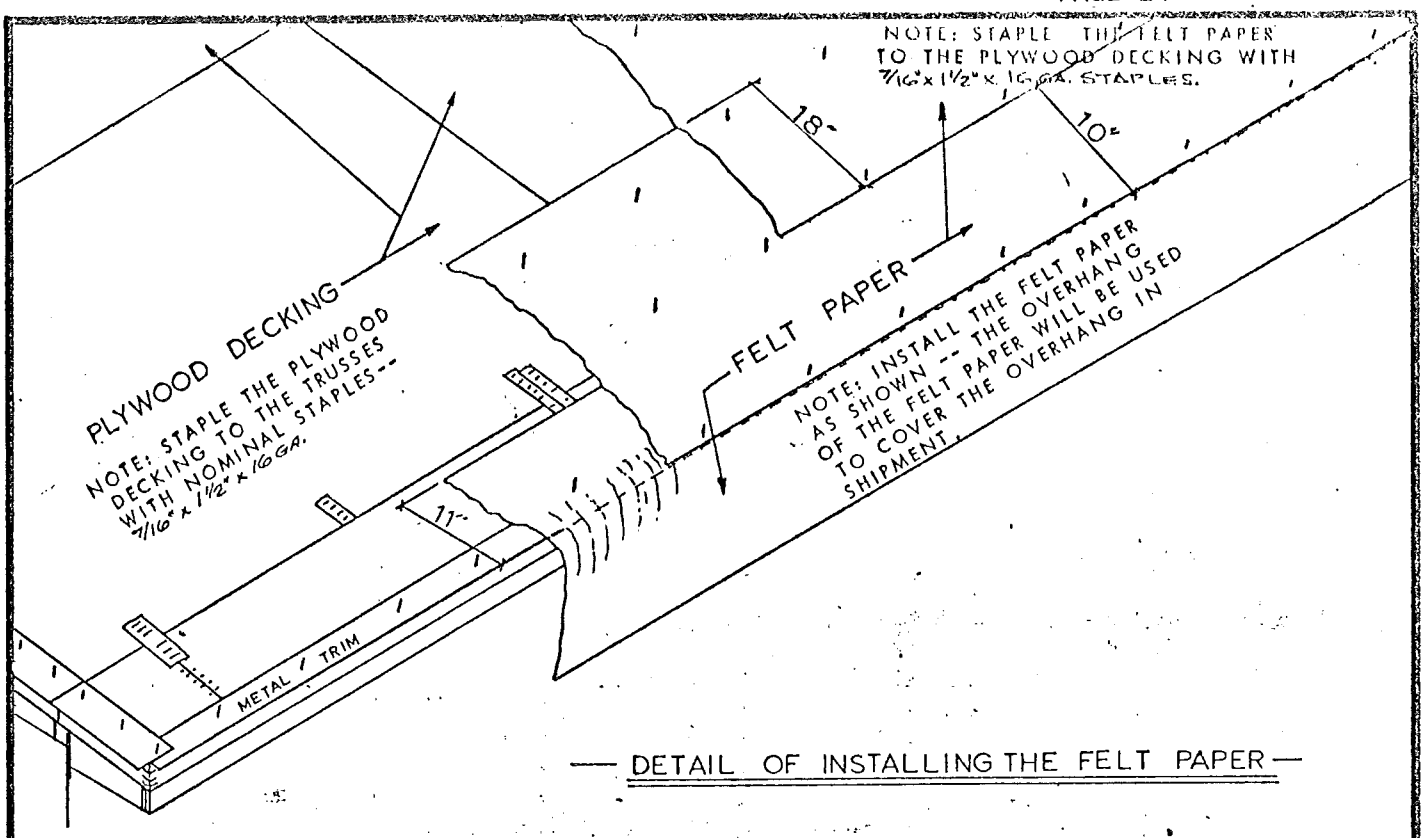
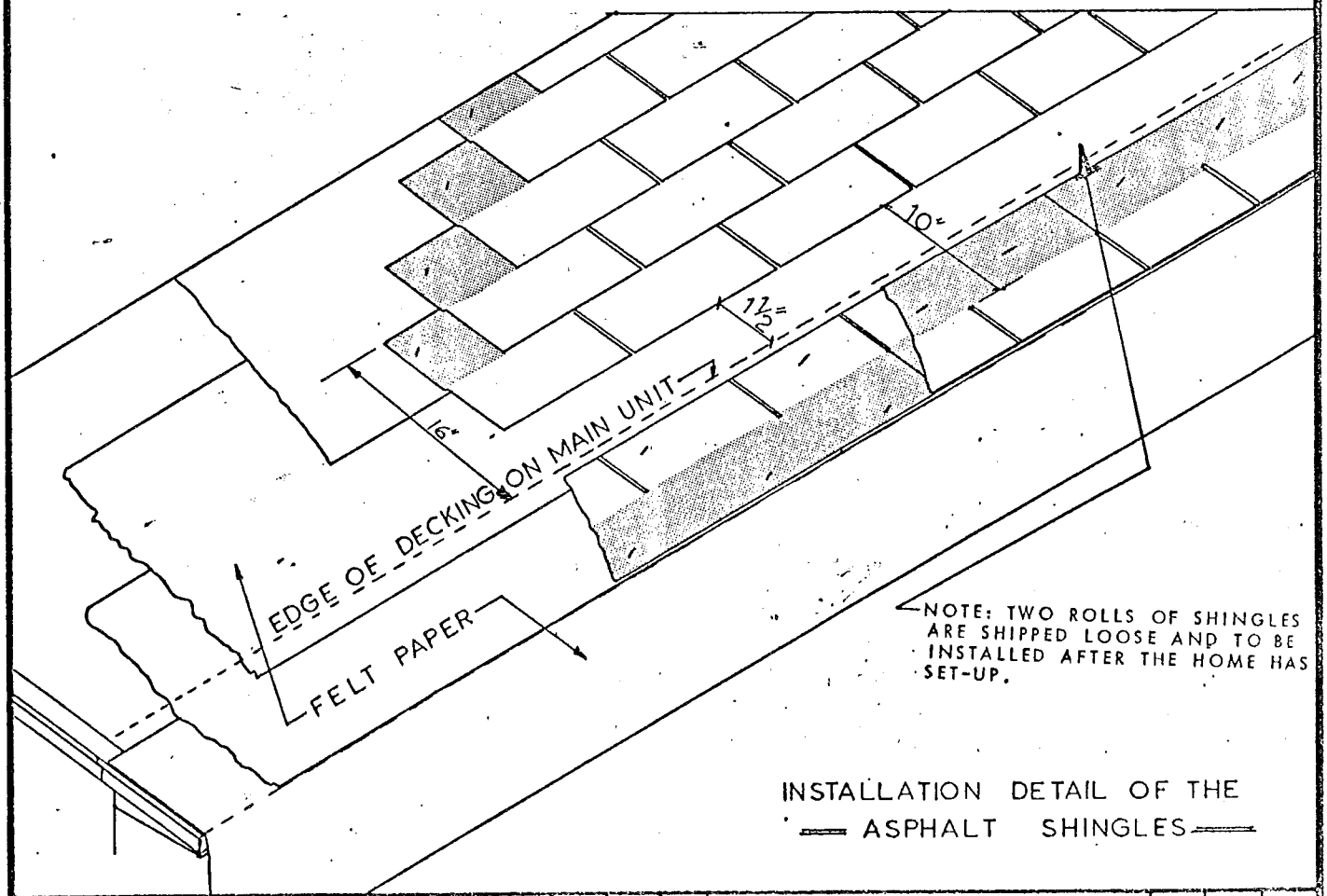
SECTION ROOF	DRAWN M. Darnell	DATE 7-19-74	SHEET 3 OF 7
TITLE OVERHANG SECTION INSTALLED ON ROOF	APPROVED D.O.M.S.	DATE 7-15-75	DWG NO RS-107



— DETAIL OF INSTALLING THE FELT PAPER —



INSTALLATION DETAIL OF THE — ASPHALT SHINGLES —

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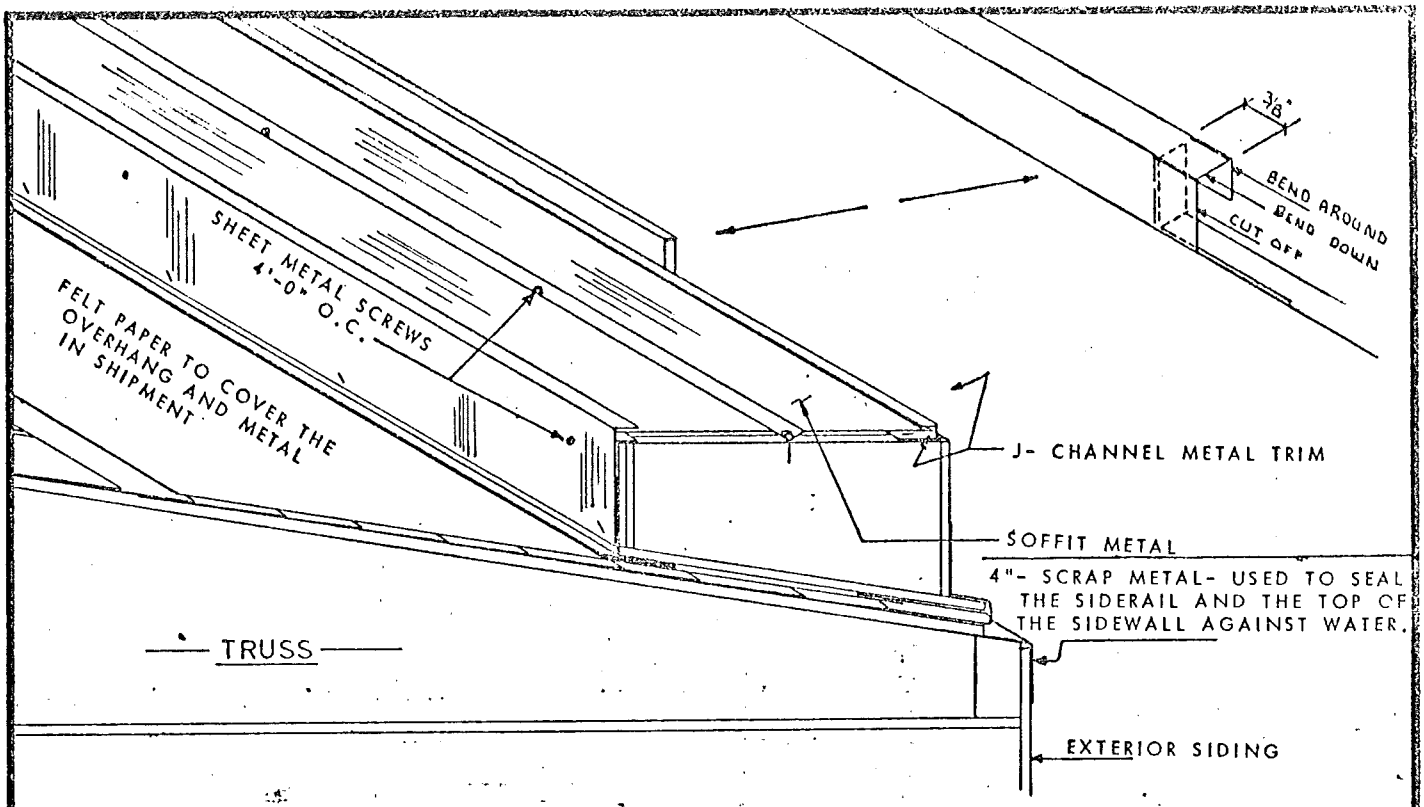
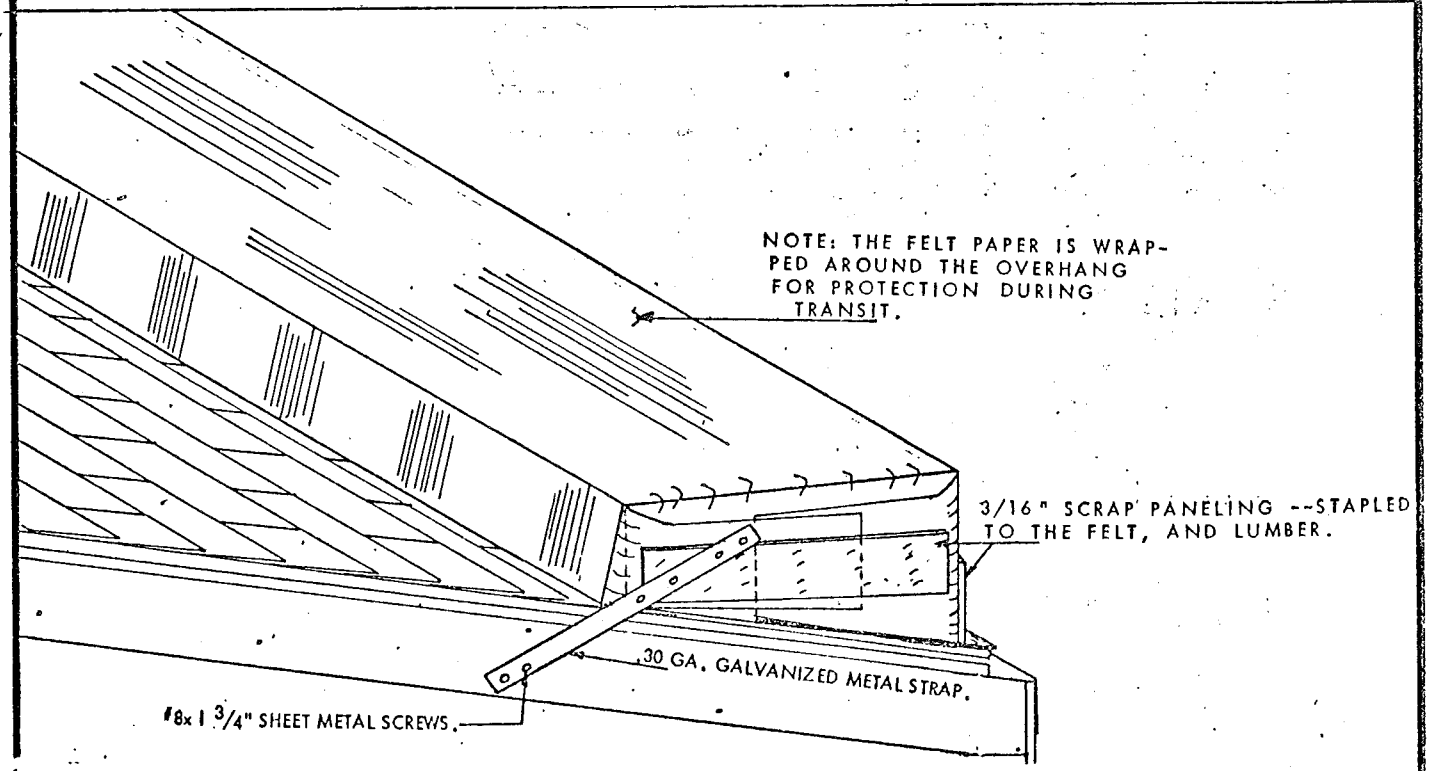
		TITLE: FELT PAPER & ASPHALT SHINGLES	APPROVED: D.A.mc.	DATE: 7-15-75	DWG NO: R5-107



DETAIL OF INSTALLED METAL TRIM



OVERHANG COVERED FOR TRANSIT.

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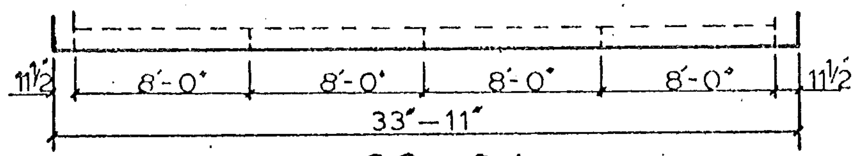
SECTION: ROOF	DRAWN: Mac Powell	DATE: 7 22 74	SHEET 5 OF 7
TITLE: METAL TRIM & COVER DETAILS	APPROVED: D.A.M.S.	DATE: 7-15-75	DWG. NO. RS-107



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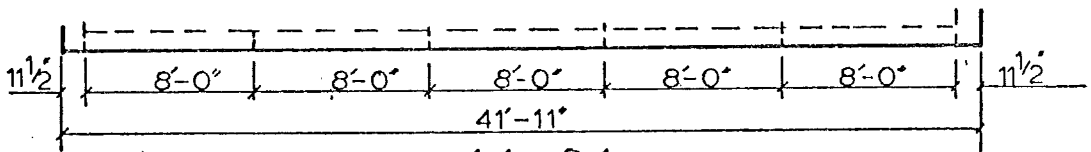
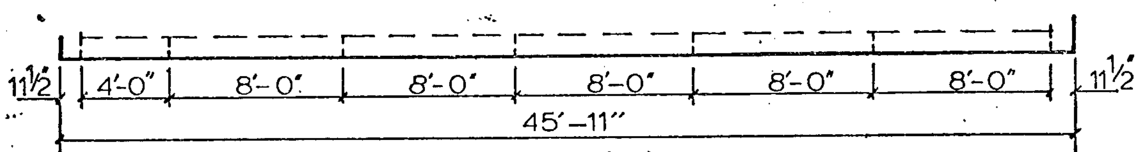


— 44 x 24 —



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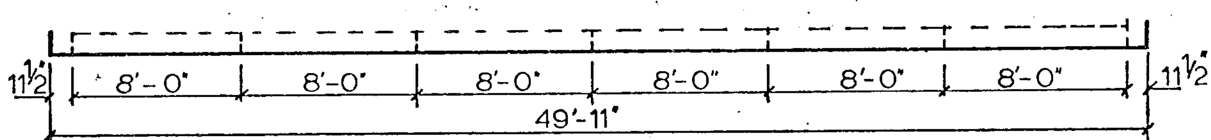

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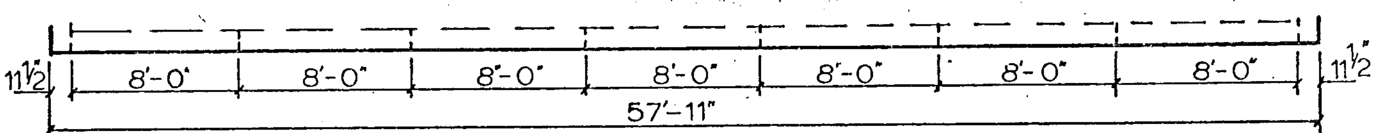

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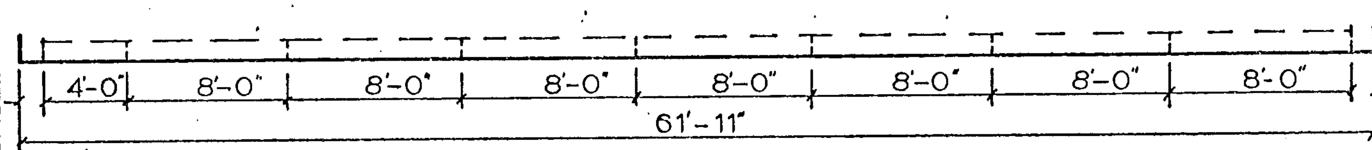

— 64 x 24 —

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SECTION: ROOF

TITLE: SECTIONS OF HINGED OVERHANG

DRAWN: M. Darnell — DATE: 8-5-74

APPROVED: D. Coms. — DATE: 7-15-75

SHEET 6 of 7

DWG NO RS-107

INSTALLATION INSTRUCTIONS FOR HINGED OVERHANG

1. Lower overhang into position. Secure overhang to sidewall studs (which are 16" o.c.) through the 3/8" plywood sheathing of overhang with 16D nails.

2. Apply a liberal amount of asphalt roofing cement to the felt paper bending area.

3. Shingle rows 2 and 3 are ready for installation. Raise the slotted ends of row #4 and insert shingle for row #3 up under row #4 maintaining a 5" exposure of shingle row #3. Fasten shingle with 3/4 x 3/4 x 16 gage staple (4 per full shingle) along a line 1" above the alignment notches. Repeat shingle by shingle until row #3 has been completed.

4. Shingle row #2 is now ready for installation. Repeat installation instruction step #3 until row #2 has been completed.

5. Shingle row number designation is determined by counting the row at the roof overhang as #1 and move upwards towards roof peak.

6. Shingle row numbers 2 and 3 will have to have their first starter shingles cut to conform to existing shingle pattern that is established at the factory.

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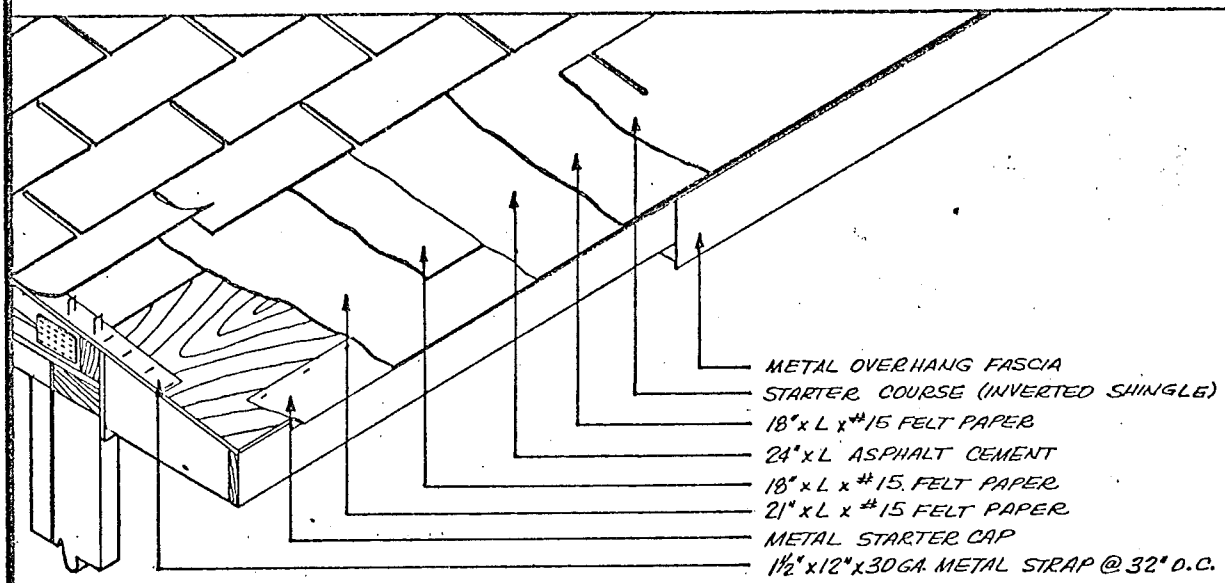
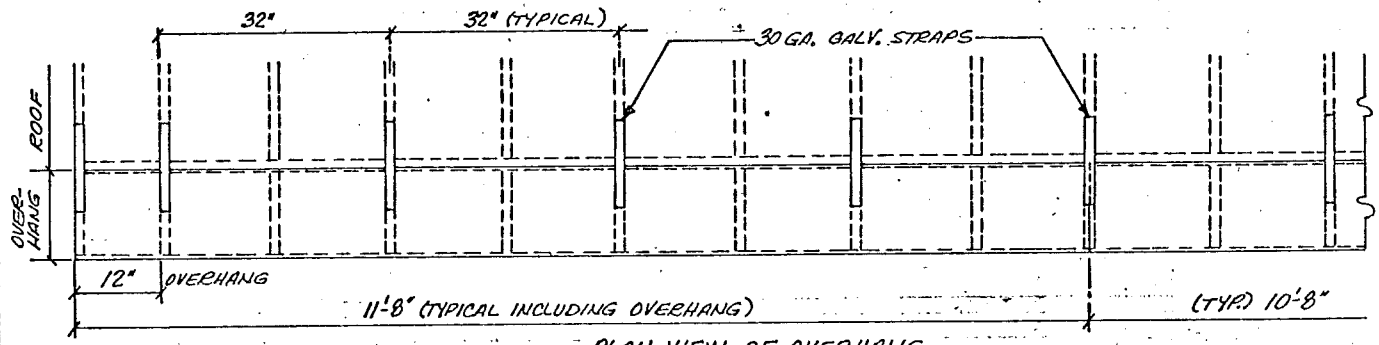
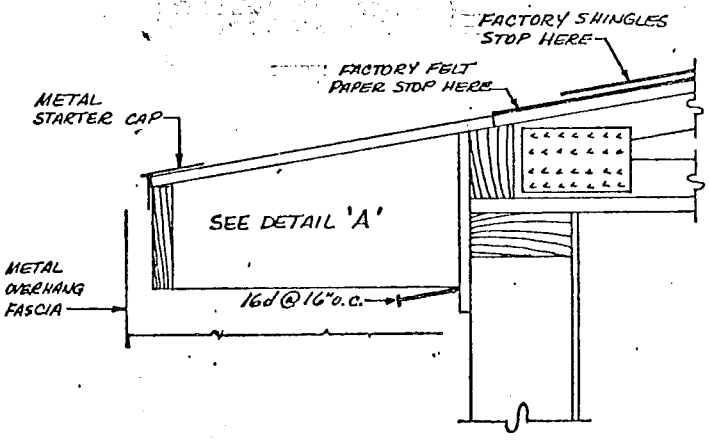
		TITLE: TYPICAL HINGED ROOF OVERHANG	APPROVED: D.O.Mc	DATE: 7-15-75	DWG NO. R5-107

TYPICAL SHIPPED-LOOSE OVERHANG

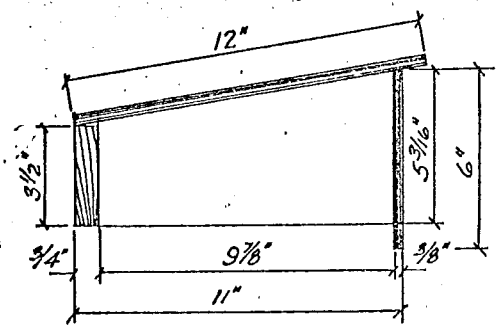




PLAN VIEW OF OVERHANG



OVERHANG IN INSTALLED POSITION



DETAIL 'A'

TYPICAL OVERHANG DIMENSIONS

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SECTION ROOF

TITLE SHIPPED LOOSE OVERHANG

DRAWN KELLAR

DATE 7-15-75

APPROVED D.A.M.S.

DATE 7-15-75

SHEET 1 OF 6

DWG NO RS-108

INSTALLATION INSTRUCTIONS FOR SHIPPED LOOSE ROOF OVERHANG

1. All materials necessary for complete installation are shipped loose in each half of the mobile home and are located in an area near the axle. Refer to the Shipped Loose Parts List prior to installation and verify that all materials are provided. If there is any discrepancy, contact Bendix Home Systems, Inc., immediately.

2. Beginning at ends of the home, hoist an 11'8" length of shipped loose overhang into position as shown on the attached drawing. Make certain that 2 x 6 members of overhang section align with roof trusses.

3. While overhang section is held in position, lift shingles of bottom course (factory applied) as required and fasten 30 gage strap appendage with 4 - 3/4 x 3/4 x 16 gage staples (or 4 - 4d nails) through strap and sheathing into top chord of roof trusses.

4. Fasten 3/8" plywood sheathing of overhang section to beveled 2 x 3 side rail of home with 16D nails at 6" to 8" on centers.

5. Secure 3/8" plywood bearing board to wall studs at 16" o.c. with 16D nails.

6. Apply foam tape to trim metal (see drawing) and place trim metal over exposed portion of bearing board. Adhesiveness of tape will hold trim temporarily in position. Next fasten trim metal to 2 x 6 @ 16" o.c. with 1 #8 x 3/4" metal screw.

7. Repeat steps No. 1 through No. 6 until all lengths of overhang have been secured to the home.

8. After all overhangs have been completely attached to the home, the roof is now ready for roofing. Take one roll of 15# asphalt felt and position so that seam of sheathing (over beveled side rail) is lapped by 9" of 15# felt on one side and 27" on the other side. Roll out felt until entire length of seam is covered. Secure bottom edge of felt using only as many 3/4 x 3/4 x 16 gage staples or roofing nails as necessary to hold felt in place. Next, using a utility knife, split the felt down the center of the roll, thus leaving an 18" wide strip of felt over the seam (9" lap each side). Slide the other strip of felt out of the way up toward the ridge for later use. (See step No. 10) Now, fasten the upper edge of the strip over the seam again using only as many staples or roofing nails as necessary to hold it in place.

9. Apply one coat of asphalt cement in a strip 24" wide for the entire length of the seam over the felt applied in step 8. Cement shall be applied liberally and uniformly.

10. Take the remaining 18" wide 15# asphalt felt (See step No. 8) and place it over the coat of cement while the cement is still wet. Secure this second layer of felt using only as many 3/4 x 3/4 x 16 gage staples or roofing nails as needed to hold it in place until the shingles are laid.

11. Asphalt shingles have been applied to the home to within 2" minimum of the overhang seam. It is now necessary to apply a course of starter shingles and the bottom three courses of shingles.

12. For the starter course, apply a course of inverted asphalt shingles at the eave. Flush the lower or bottom edge of the shingle with the metal drip edge. Start at one end with one-half shingle (i.e., 12" x 18" to 12" x 30" maximum). Fasten starter course to the roof with 4 - 3/4 x 3/4 x 16 gage staples or roofing nails per shingle (approximately 7" o.c.) along a line 2" up from the lower edge. Also apply daubs of asphalt cement over each staple or nail.

13. The first (or lower) course of shingles shall be placed directly over the starter course starting at the same end as in step No. 12 with a full shingle. Continue the course with full shingle strips. Align the shingles by using the notches and slits at the ends, and the lower edge of the starter course. Fasten the shingles with 3/4 x 3/4 x 16 gage staples or roofing nails (4 per shingle @ $\pm$ 7" o.c.) along a line 1" above the alignment notches.

14. The second course of shingles shall be started with one-half shingle. Continue the course with full shingle strips. Align the shingles by using the notches and slits at the ends, allowing for 5" exposure of the first course. Fasten the shingles in the same manner as in step No. 13.

15. To place the third course of shingles start with a full shingle and continue the course with full shingle strips. Align the shingles in the same manner as in Steps No. 13 and No. 14. To fasten this third course of shingles, it will be necessary to lift the fourth course of shingles in the same pattern and manner as in steps No. 13 and No. 14. Exercise care in lifting the fourth course of shingles and be certain to press back into flat position.

Note: In lieu of 3/4 x 3/4 x 16 gage staples, 1" (crown) x 3/4 x 16 gage staples may be used. All styles and/or roofing nails shall be galvanized.

The materials listed below are necessary for installation of the roof overhang:

11'8" roof overhang	3/4 x 3/4 x 16 gage staples
10'8" roof overhang	(or roofing nails)
Roll(s) of Asphalt Felt	16D nails
Qt.(s) of Asphalt Felt	#8 x 3/4 metal screws
	Metal Trim (See Drawing)
	Putty Tape

INSTRUCTIONS FOR SHIPPED LOOSE ROOF OVERHANG

A. FABRICATION

1. Fasten 1 x 4 fascia board to each 2 x 6 @ 16" o.c. with 3-7/16" x 1 1/2" x 16 gage staples.

2. Fasten 3/8" plywood bearing board to each 2 x 6 @ 16" o.c. with 5 7/16" x 1 1/2" x 16 gage staples.

3. Fasten 3/8" plywood sheathing to 2 x 6 @ 16" o.c. with 8-7/16" x 1 1/2" x 16 gage staples and a 1/4" x 11 7/8" bead of approved adhesive.

4. Secure 1 1/2" x 12" x 30 gage galvanized straps to top side of 3/8" plywood sheathing at 32" on centers maximum spacing. See plan detail on attached drawing.

5. Apply metal fascia and soffit material with 1" #8 x 3/4" metal screws @ 16" o.c. through galvanized material into 2 x 6's at soffit of material near fascia board. See drawing. Staple at top with 2-7/16" x 1 1/2" x 16 gage staples through galvanized material into 3/8" sheathing at 16" o.c. Staple at soffit near 3/8" plywood bearing board into 2 x 6 @ 16" o.c.

6. Apply one layer of 15# asphalt felt (11 7/8" wide) using only enough 3/4 x 3/4 x 16 gage staples or roofing nails to hold felt in place until second layer of felt is laid.

7. At exterior edge, apply one coat of asphalt cement continuously in a strip of 6" width.

8. Apply a second layer of 15# asphalt felt (11 7/8" wide) using only enough 3/4 x 3/4 x 16 gage staples or roofing nails to hold in place.

9. Built-up segment of overhang is now ready for shipment, place inside of home and distribute segments of overhangs evenly from front to rear of home for uniform weight distribution. When the overhangs have been properly located in the home, secure into final position as necessary to prevent damage to the overhang, or the home, or any of the contents of the home during transit.

10. Proper quantities of the materials listed below are necessary for installation of the roof overhang. Exact quantities shall be calculated for each home and listed on Shipped Loose Parts List. The materials shall be loaded onto each half of the home in a location near the axle area. The materials shall be distributed between the two halves by weight so that approximately one third of the weight is on the wet half and two thirds on the dry half.

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		TITLE SHIPPED LOOSE OVERHANG	APPROVED D.A.M.C	DATE: 7-15-75	DWG. NO. R5-108

These materials are:
11'8" Roof Overhangs
10'8" Roof Overhangs
Roll(s) of Asphalt Felt
Qt.(s) of Asphalt Cement

Asphalt Shingles

3/4 x 3/4 x 16 gage staples
(or roofing nails)
16D nails
#8 x 3/4 Metal Screws
Metal Trim (See Drawing)
Putty Tape

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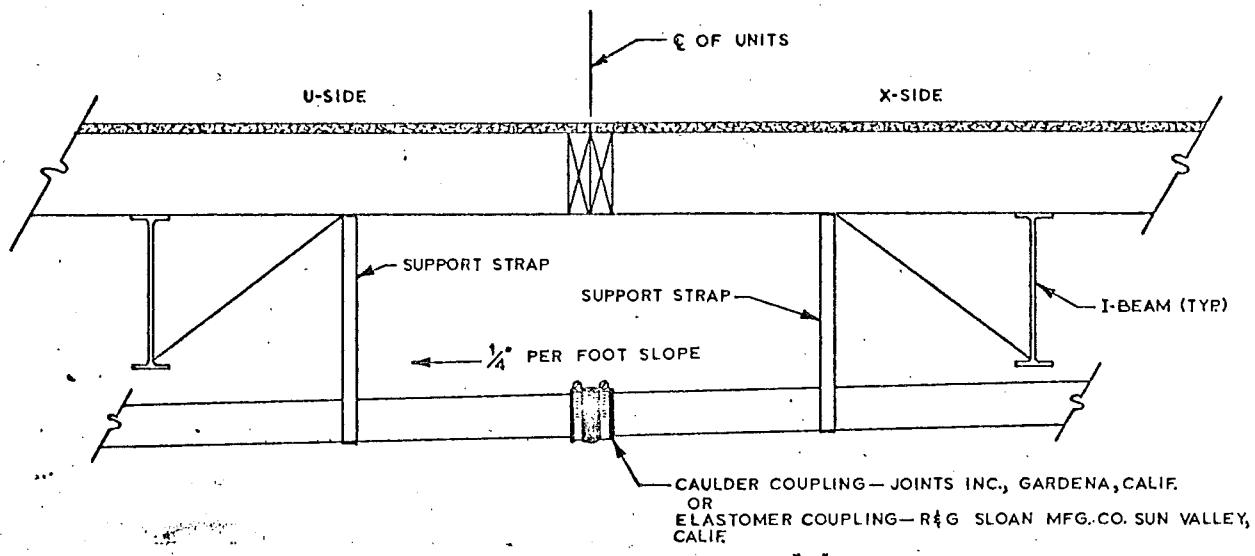
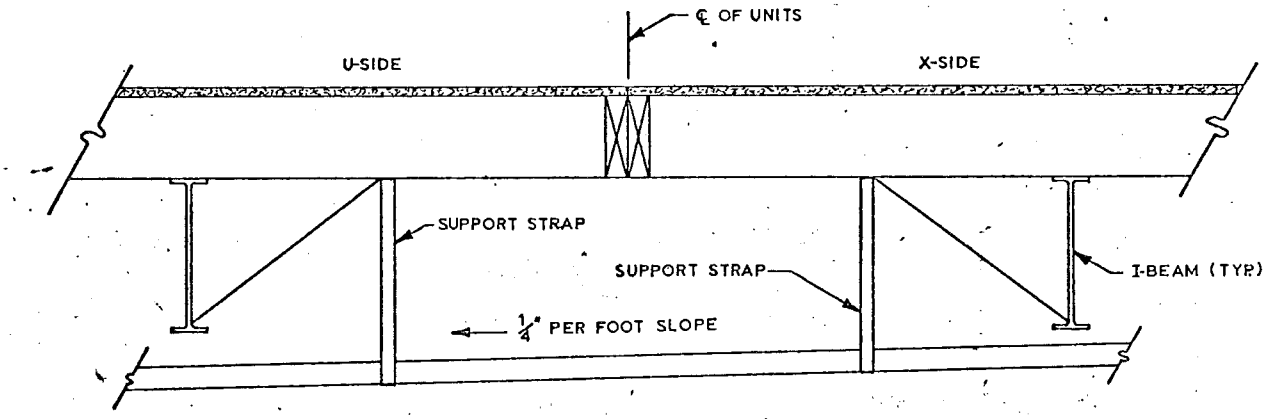
		TITLE: SHIPPED LOOSE OVERHANG	APPROVED: D.A.M.S.	DATE: 7-15-75	DWG. NO. RS-108

TYPICAL DRAIN (ABS) CROSS-OVER FOR DOUBLE WIDES



FOR UNITS WITH BATHROOM ON "X"-SIDE



FOR UNITS WITH KITCHEN ON "X"-SIDE

NOTES:

1. For units with a kitchen on the "X" side, the drain cross-over shall be 1½" or 2" ABS pipe as required. The necessary length of pipe is provided and is permanently glued to the fittings at each end when the unit is set up in the field.
2. For units with a bathroom on the "X" side, the drain cross-over shall be 3" ABS pipe. All the piping is installed at the plant. When the unit is set-up in the field, a 3" Caulder Coupling from Joints, Inc., Gardena, California, or a 3" Elastomer Coupling from R & G Sloan Mfg. Co., Sun Valley, California; or equivalent is used to connect the drain line. This coupler is provided with the unit.
3. The 1/4 inch per foot slope shall be maintained and the cross-over line shall be supported at intervals not exceeding 4 feet.

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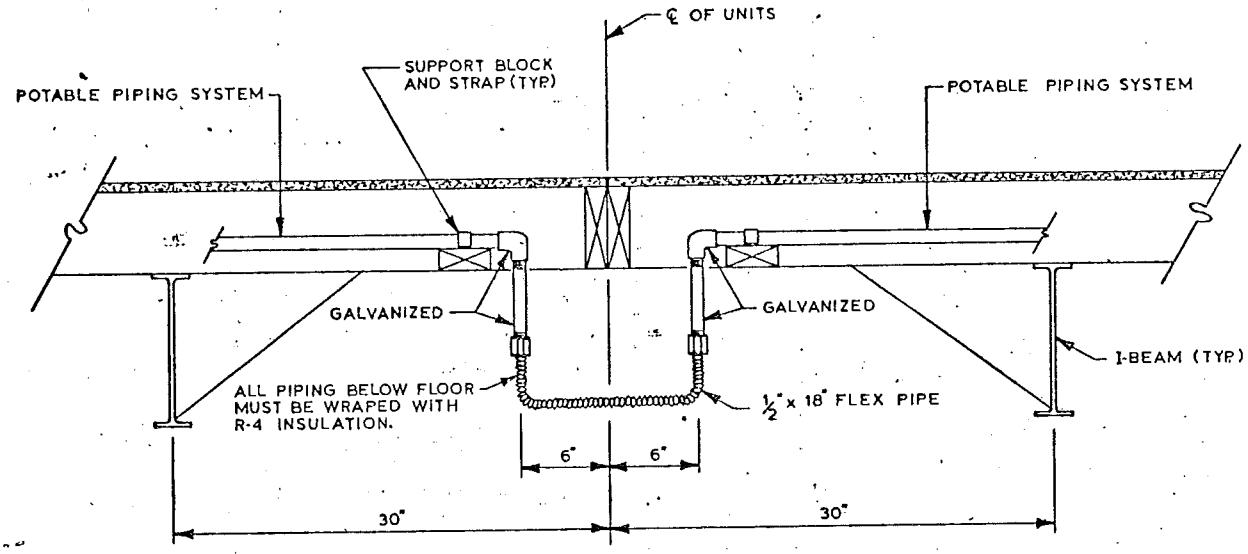
		TITLE DRAIN (ABS) CROSS-OVER FOR DOUBLE WIDES	APPROVED D.A. HS.	DATE 7-15-75	DWG NO PS-009

TYPICAL WATER CROSS-OVER FOR DOUBLE WIDES



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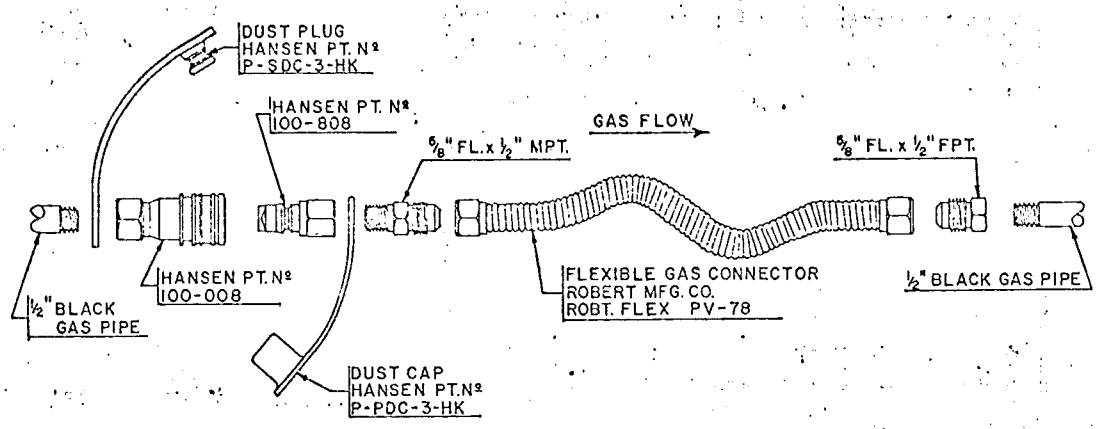
SECTION	PLUMBING	DRAWN	DATE	SHEET
		D Akridge	7-15-75	1 of 1
TITLE	WATER CROSS-OVER FOR DOUBLE WIDES	APPROVED	DATE	DWG NO
			7-15-75	PS-105

TYPICAL GAS CROSS-OVER INSTALLATION INSTRUCTIONS



DO NOT USE TOOLS TO SEPARATE THE "QUICK-DISCONNECT" DEVICE.

GAS TAG

NOTES:

1. WHEN FUEL GAS PIPING IS INSTALLED IN BOTH PORTIONS OF AN EXPANDABLE OR DUAL UNIT, THERE SHALL BE ONLY ONE POINT OF CROSSOVER WHICH SHALL BE LOCATED NOT MORE THAN 18 INCHES FROM EITHER THE FRONT OR REAR WALL AND SHALL BE READILY ACCESSIBLE FROM THE EXTERIOR OF THE UNIT.
2. THE CONNECTOR BETWEEN UNITS SHALL BE LISTED TYPE FOR EXTERIOR USE AND PROPERLY SIZE.
3. THE CONNECTION SHALL BE MADE BY A LISTED "QUICK DISCONNECT" DEVICE WHICH SHALL BE DESIGNED TO PROVIDE A POSITIVE SEAL OF THE SUPPLY SIDE OF THE GAS SYSTEM WHEN SUCH DEVICE IS SEPARATED.
4. THE FLEXIBLE CONNECTOR AND "QUICK DISCONNECT" DEVICE SHALL BE PROVIDED WITH PROTECTION FROM MECHANICAL AND IMPACT DAMAGE AND LOCATED TO MINIMIZE THE POSSIBLIITY OF TAMPERING.
5. SUITABLE PROTECTIVE COVERINGS FOR THE "QUICK DISCONNECT" DEVICE, WHEN SEPARATED, CHALL BE PERMANENTLY ATTACHED TO THE DEVICE OF FLEXIBLE CONNECTOR.
6. A 3 INCH BY 1 3/4 INCH MINIMUM SIZE TAG MADE OF ETCHED, METAL-STAMPED OR EMBOSSED BRASS, STAINLESS STEEL, ANODIZED OR ALCLAD ALUMINUM NOT LESS THAN 0.020 INCH THICK, OR OTHER APPROVED MATERIAL (E.G., 0.005 INCH PLASTIC LAMINATES). SHALL BE PERMANENTLY ATTACHED ON THE EXTERIOR WALL ADJACENT TO THE ACCESS TO THE "QUICK DISCONNECT" DEVICE. EACH TAG SHALL BE LEGIBLY INSCRIBED WITH THE FOLLOWING INFORMATION USING LETTERS NO SMALLER THAN 1/4 INCH HIGH: DO NOT USE TOOLS TO SEPARATE THE "QUICK-DISCONNECT" DEVICE.
7. THE FOLLOWING "QUICK DISCONNECT" FITTINGS SNAP LITE MODEL BVNC-8/BPHN-8 OR HANSON MODELS 100-008/100-808, 100-010/100-810, & 100-012/100-812, OR EQUIVALENT SHALL BE USED. FLEXIBLE CONNECTORS FROM ROBERT MANUFACTURING COMPANY MODELS ROBT-FLEX PV12 OR PV34, AMERICAN METAL PRODUCTS MODELS AMER-FLEX 7PB, OR EASTMAN CENTRAL D MODELS SUPER DURO-FLEX S-600-F SERIES, OR EQUIVALENT SHALL BE USED.

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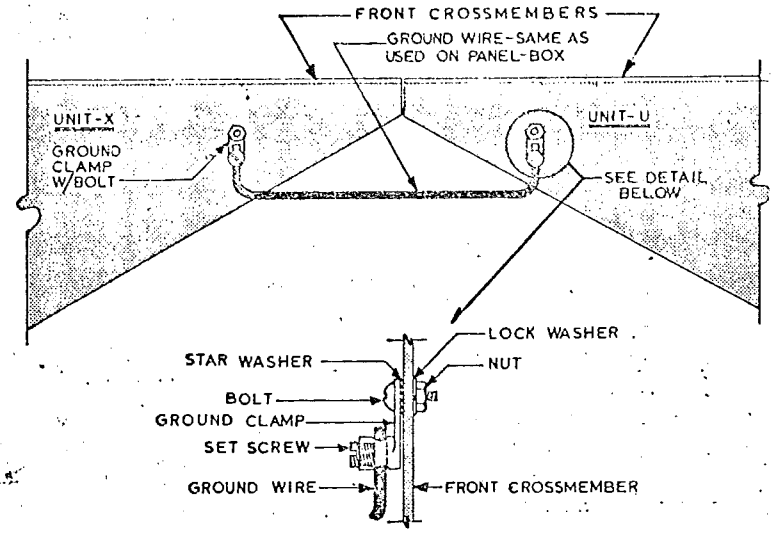
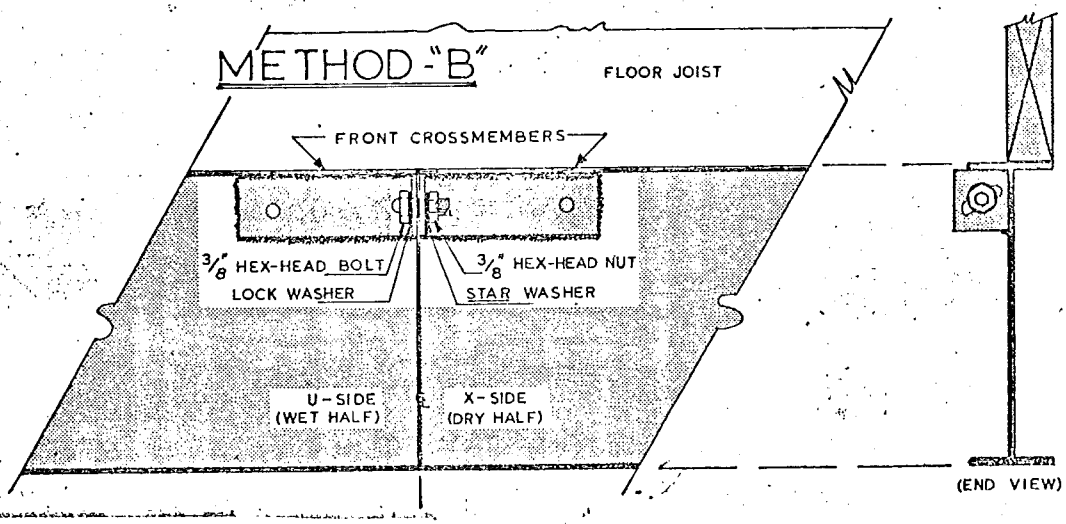
SECTION	DRAWN	DATE	SHEET
HEATING	R DeWoody	6/20/75	1 OF 1
TITLE TYPICAL GAS CROSS-OVER INSTALLATION INSTRUCTIONS	APPROVED D.O.M.S.	DATE 7-14-75	DWG NO H5-002

TYPICAL CHASSIS TO CHASSIS BONDING FOR DOUBLE WIDE UNITS

METHOD-"A"



METHOD-"B"



NOTES:

1. ALL EXPOSED NONCURRENT-CARRYING METAL PARTS THAT MAY BECOME ENERGIZED SHALL BE EFFECTIVELY BONDED TO THE GROUNDING TERMINAL OR ENCLOSURE OF THE DISTRIBUTION PANELBOARD. A BONDING CONDUCTOR SHALL BE CONNECTED BETWEEN EACH DISTRIBUTION PANELBOARD AND AN ACCESSIBLE TERMINAL ON THE CHASSIS.
2. GROUNDING OF BOTH ELECTRICAL AND NONELECTRICAL METAL PARTS IN A MOBILE HOME SHALL BE THROUGH CONNECTION TO A GROUNDING BUS IN THE MOBILE HOME DISTRIBUTION PANEL.
3. FRAMES SHALL BE BOLTED TOGETHER WITH BOLTS AND STAR WASHERS UNDER BOLT HEADS AND NUTS, (METHOD "B") OR A PERPERLY SIZED COPPER WIRE GROUNDING CONDUCTOR IS CONNECTED BETWEEN FRAMES (METHOD "A").
4. WHEN METHOD "A" IS USED, #8 BARE COPPER WIRE SHALL BE USED WHEN 50, 100, 125, OR 150 AMP ELECTRICAL SERVICE IS PROVIDED. WHEN 200 AMP IS PROVIDED, THEN #6 BARE COPPER WIRE SHALL BE USED.

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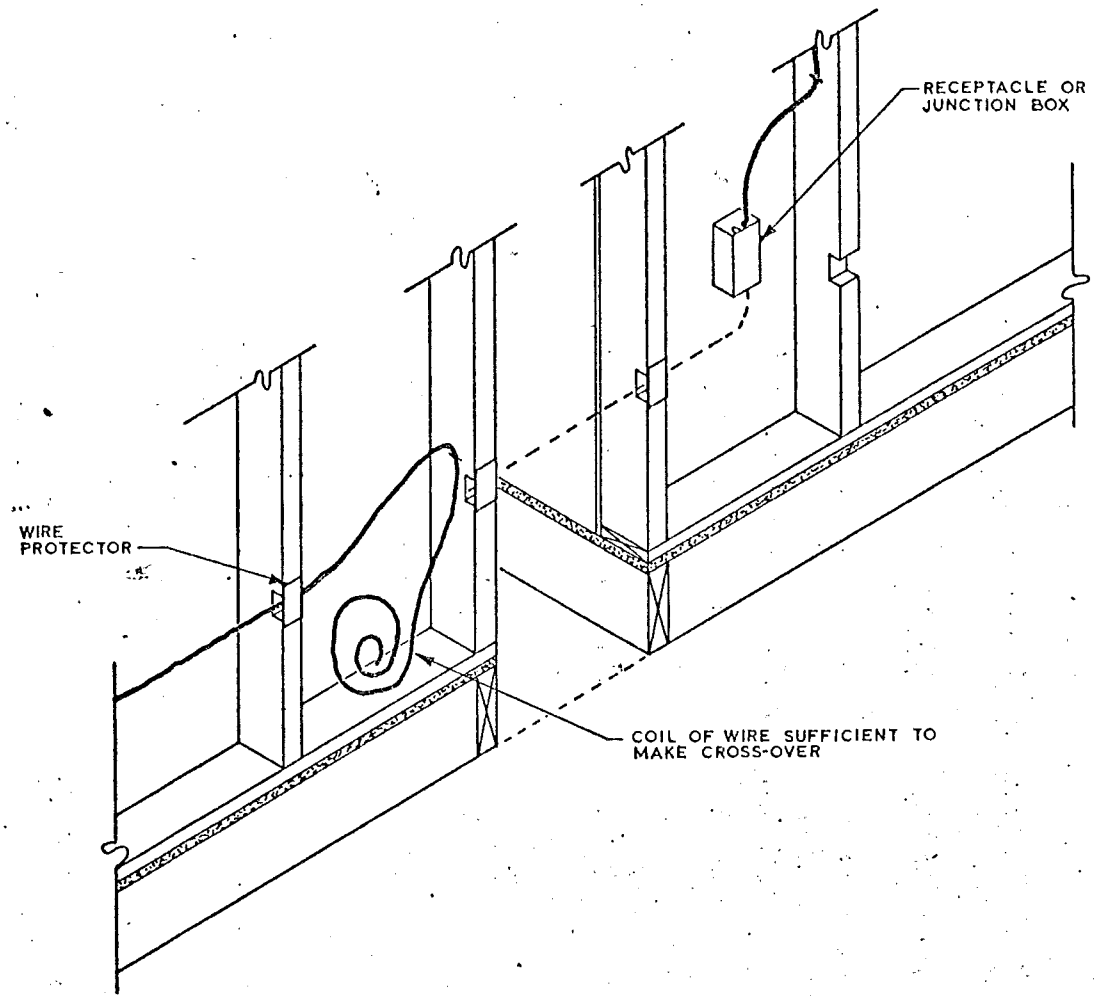
SECTION: ELECTRICAL

DRAWN: [illegible] DATE: 2-7-74 SHEET: 1 OF 1

TITLE: TYPICAL CHASSIS TO CHASSIS BONDING FOR DOUBLE WIDE UNITS

APPROVED: [illegible] DATE: 7-14-75 DWG NO: ES-002

DOUBLE WIDE ELECTRICAL CROSS-OVER DETAILS FOR 15 AMP & 20 AMP CIRCUITS



NOTES:

1. Permanent connection - junction box permanently mounted in end part of one unit. Junction box is on interior wall, or flush with bottom surface of home approximately one foot from end of home.
2. Installation and box size same as for other boxes. If box or cover are metal, metal parts are grounded.
3. Blank box cover installed so as to be accessable after the two units are connected in the field. A decorative all surface section secured in place by screws may cover an interior mounted junction box.
4. Cable clamp provided for field wiring from load unit unless there is access to a support point within eight inches of a non-metallic box without clamps.
5. Wire ends in the unit with panelboard are insulated.
6. The other unit has a length of cable(s) of sufficient length to reach each junction box, is secured to prevent damage in transit.
7. Holes in wall studs or floor joists are drilled for pull-in of the load unit cable(s). The NM cable(s) is protected from nailing by steel plates or tubes or location of holes.
8. If two or more separate cables are used for the load unit, such cables are permanently marked by color coding, or numbering, to match that in main unit or J-box.

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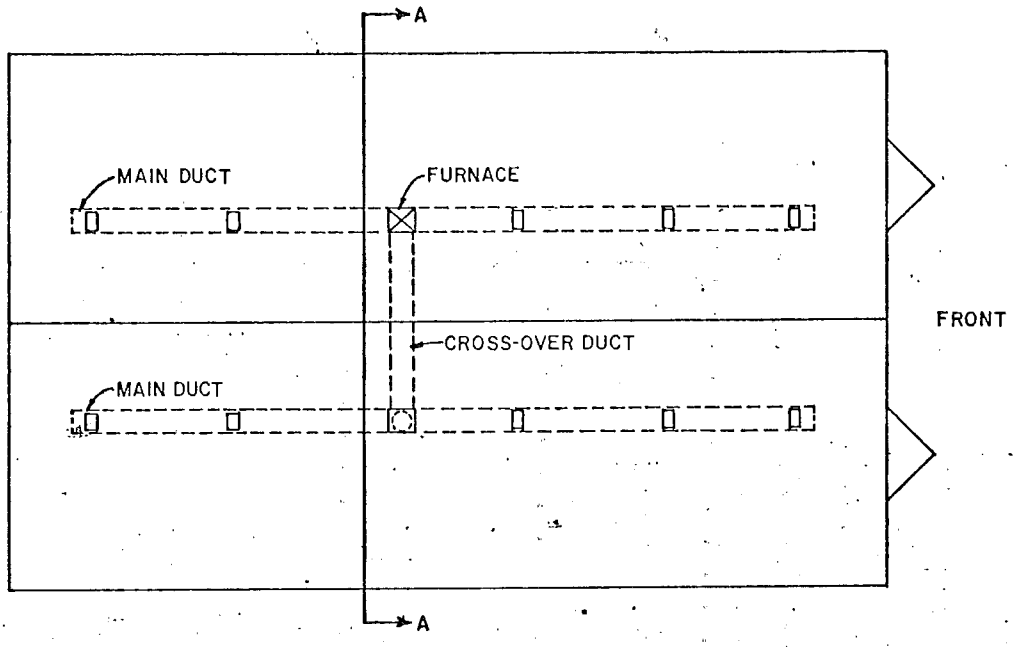
SECTION	DRAWN	DATE	SHEET
ELECTRICAL	D. Ahridge	7-15-75	1 OF 1
TITLE D/W CROSS-OVER FOR 15 & 20 AMP CIRCUITS	APPROVED D.O.M.S.	DATE 7-15-75	DWG NO ES-055

TYPICAL DOUBLE WIDE CROSS-OVER DUCT DETAILS



NOTES:

1. Supply ducts exposed directly to outside air, such as under chassis cross over ducts, shall be insulated with material having a thermal insulation (R) of not less than 4.0 with continuous vapor barrier having a perm rating of not more than 1.0.
2. Aluminum foil used as a vapor barrier shall be at least 2 mils in thickness.
3. The duct shall not be in contact with the ground. Support at sufficient intervals to maintain its weight, or at least 8 foot intervals.
4. The cross over duct is a 10" dia. insulated flexible duct with a connector fitting and corresponding clamp.
5. The cross over duct is installed directly beneath the furnace.
6. Supply ducts shall be made from galvanized steel, tin-plated steel, or aluminum, or shall be listed class o, class 1, or class 2 air ducts. Class 2 air ducts shall be located at least 3 feet from the furnace bonnet or plenum. A duct system integral with the structural shall be of durable construction that can be demonstrated to be equally resistant to fire and deterioration.
7. Ducts constructed from sheet metal shall be in accordance with the table below:

MINIMUM METAL THICKNESS FOR DUCTS*

Duct Type	Diameter 14 inches or less	or Width over 14 inches
Round	0.013 in.	0.016 in.
Enclosed Rectangular	0.013 in.	0.016 in.
Exposed Rectangular	0.016 in.	0.019 in.

*When "nominal" thicknesses are specified, 0.003 inch shall be added to these "minimum" metal thicknesses.

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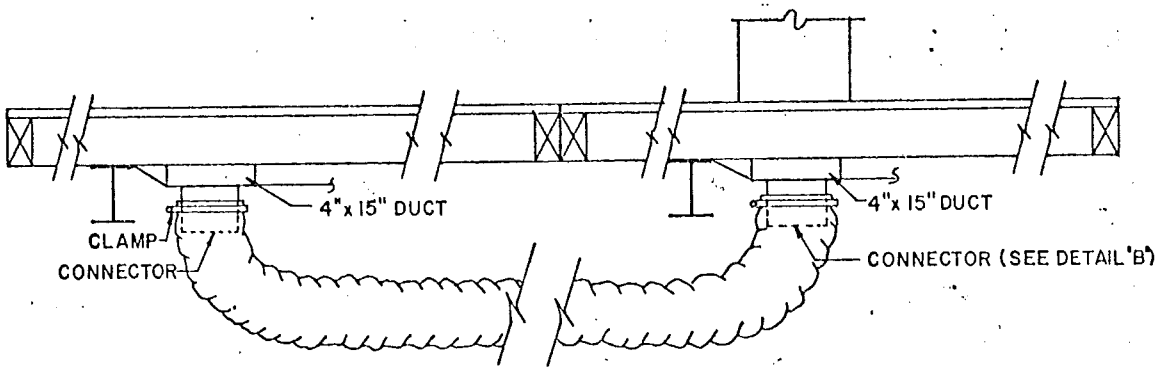
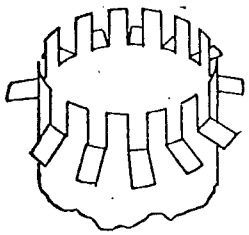
SECTION: HEATING | DRAWN: P.D. Kbody | DATE: 6/23/75 | SHEET: 1 OF 2

TITLE: TYPICAL DOUBLE WIDE CROSS-OVER DUCT DETAILS | APPROVED: B.A.M.S. | DATE: 11-14-75 | DWG NO: H5-202



10" DIAMETER 0.016" MINIMUM FLEXIBLE ALUMINUM OR GALVANIZED W/R4 THERMAL INSULATION MINIMUM.

SECTION A-A
CROSS-OVER



10" DIAMETER 0.016" MINIMUM ALUMINUM OR GALVANIZED

FOLD DOWN EVERY OTHER 3/4" TAB. INSERT REMAINING TABS INTO 10" DIAMETER HOLE IN BOTTOM OF DUCT & FOLD DOWN REMAINING TABS. SEAL SECURELY WITH DUCT TAPE. IF THE CONNECTOR'S INSTALLATION INSTRUCTIONS DIFFER FROM THE ABOVE, THE INSTRUCTIONS SHALL BE FOLLOWED.

DETAIL "B"
CONNECTOR

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Manufacturing Standards Manual
Vol.

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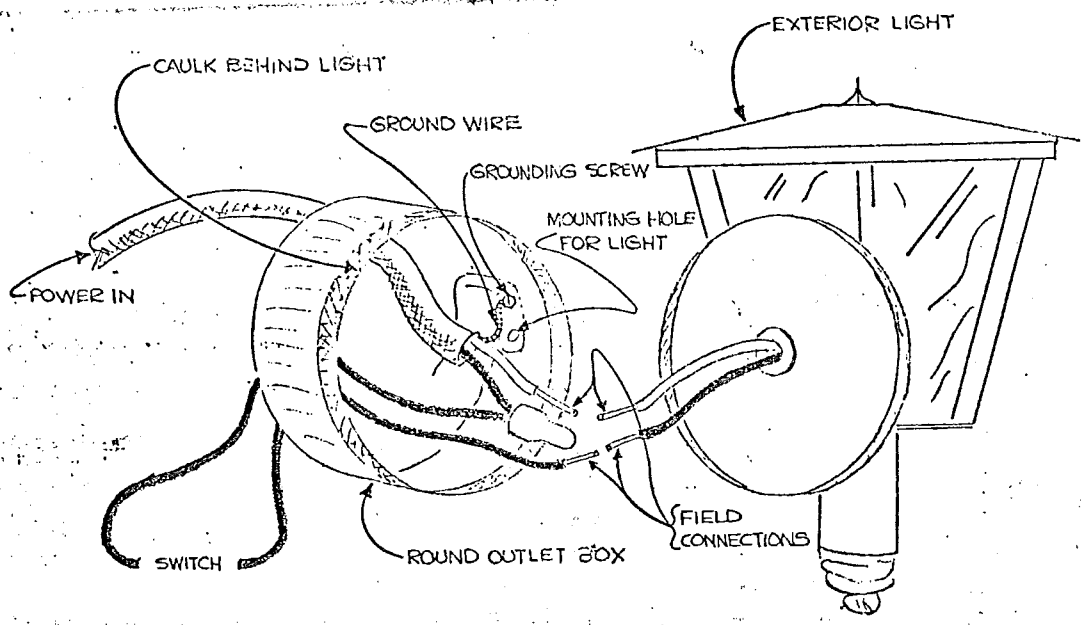
SECTION	DRAWN	DATE	SHEET
HEATING	R. DeWoody	6/24/75	2 OF 2
TITLE TYPICAL DOUBLE WIDE CROSS-OVER DUCT DETAILS	APPROVED D.A.M.S.	DATE 7-14-75	DWG NO H5-202

TYPICAL WIRING DETAILS FOR EXTERIOR LIGHT



LEGEND:

- WHITE (NEUTRAL) WIRE
- BLACK (HOT) WIRE
- GROUND WIRE
- TYPE Y (YELLOW) SCOTCHLOK CONNECTOR

MATERIALS SUPPLIED

1. EXTERIOR LIGHT -- U.L. APPROVED & LABELED "SUITABLE FOR WET LOCATIONS."
2. TWO TYPE Y (YELLOW) SCOTCHLOKS OR EQUIVALENT.
3. 20 IN. OF PUTTY TAPE

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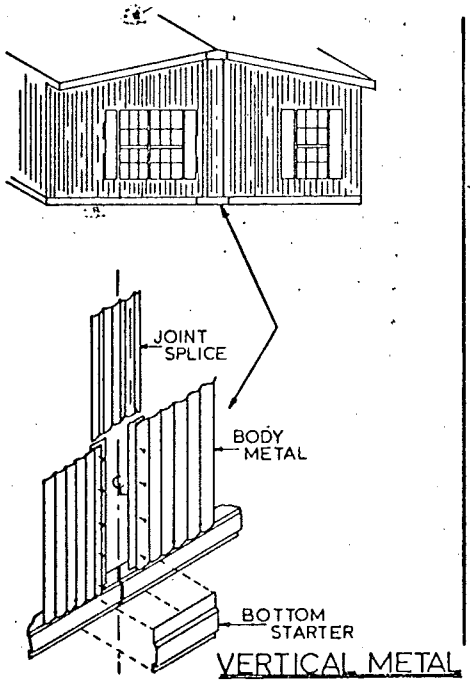
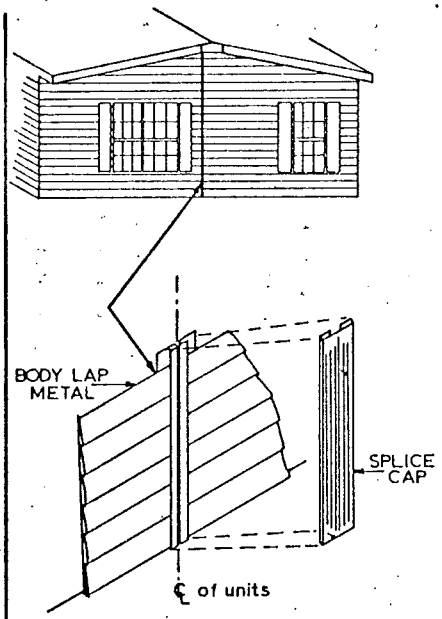
SECTION	DRAWN	DATE	SHEET
ELECTRICAL	D.A. MS	6/18/75	1 OF 1
TITLE TYPICAL WIRING DETAILS FOR EXTERIOR LIGHT	APPROVED D.A. MS	DATE 7-14-75	DWG NO E65-100

EXTERIOR TRIM OUT DETAILS



VERTICAL METAL



LAPPED SIDING METAL

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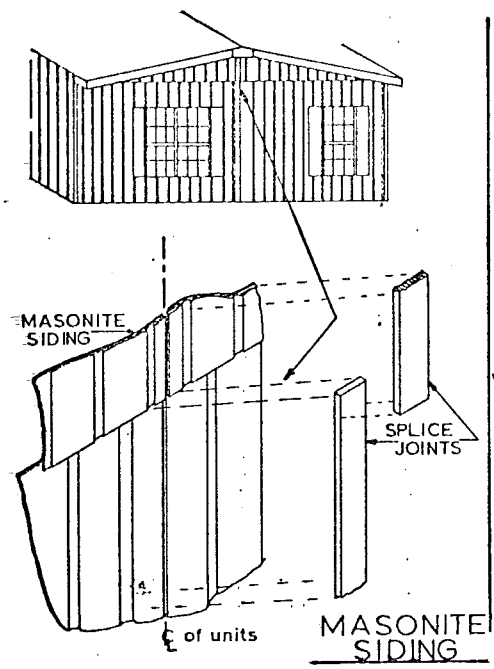
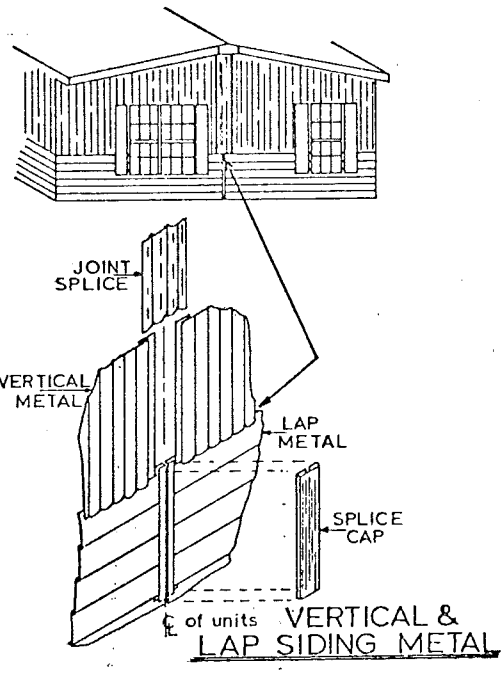
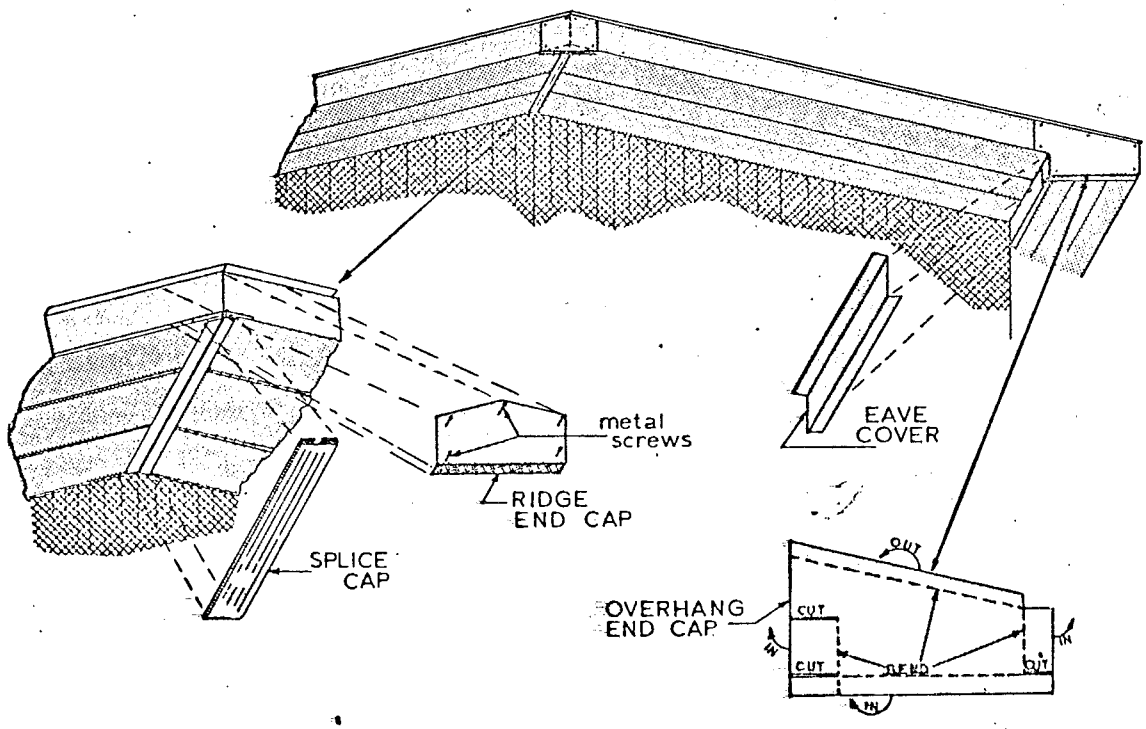


MASONITE SIDING



VERTICAL & LAP SIDING METAL



EXTERIOR TRIM-OUT DETAIL

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