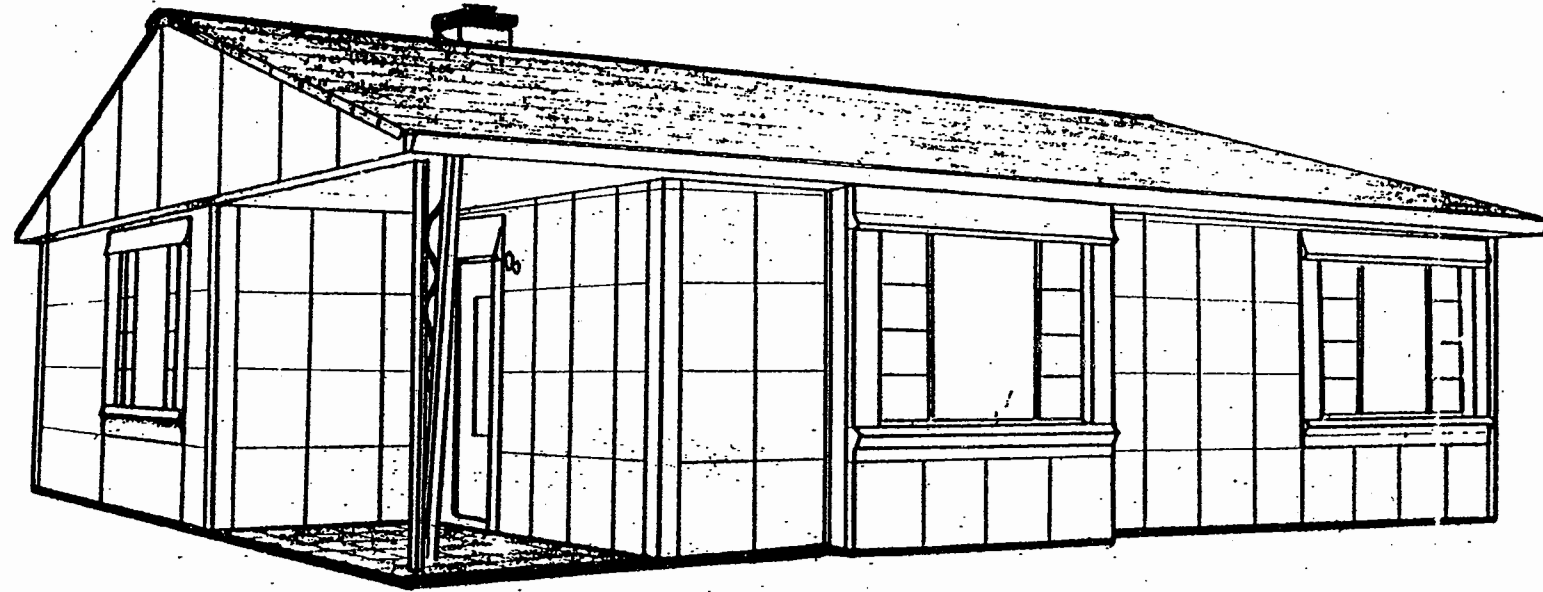


# ERECTION MANUAL

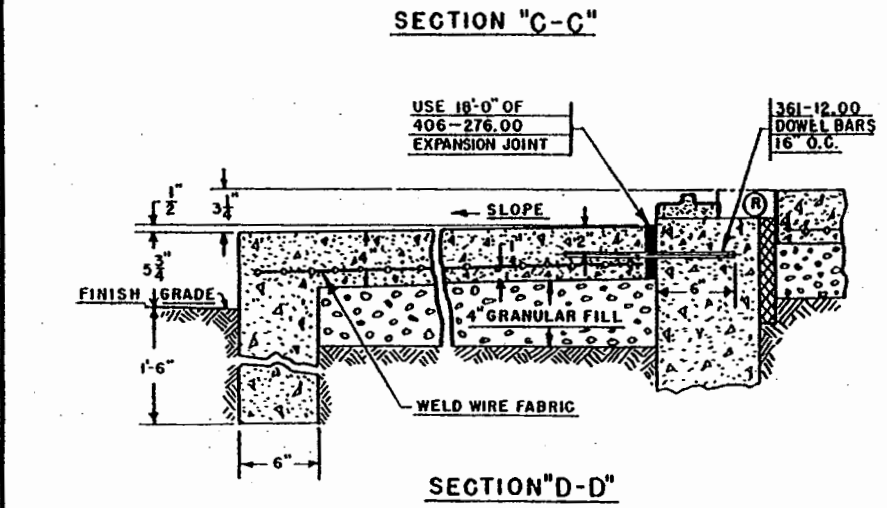
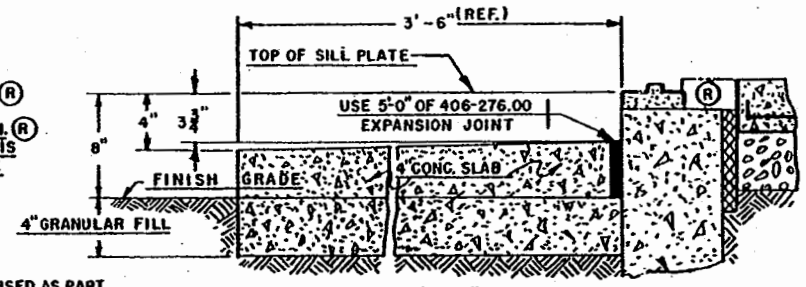
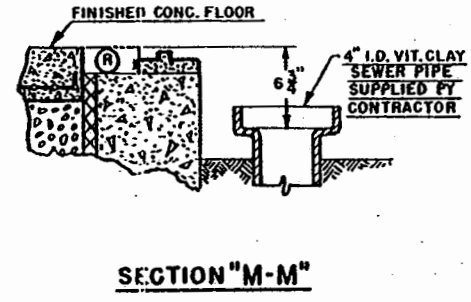
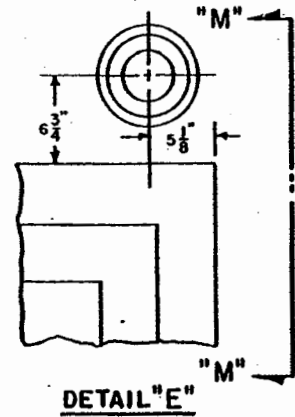
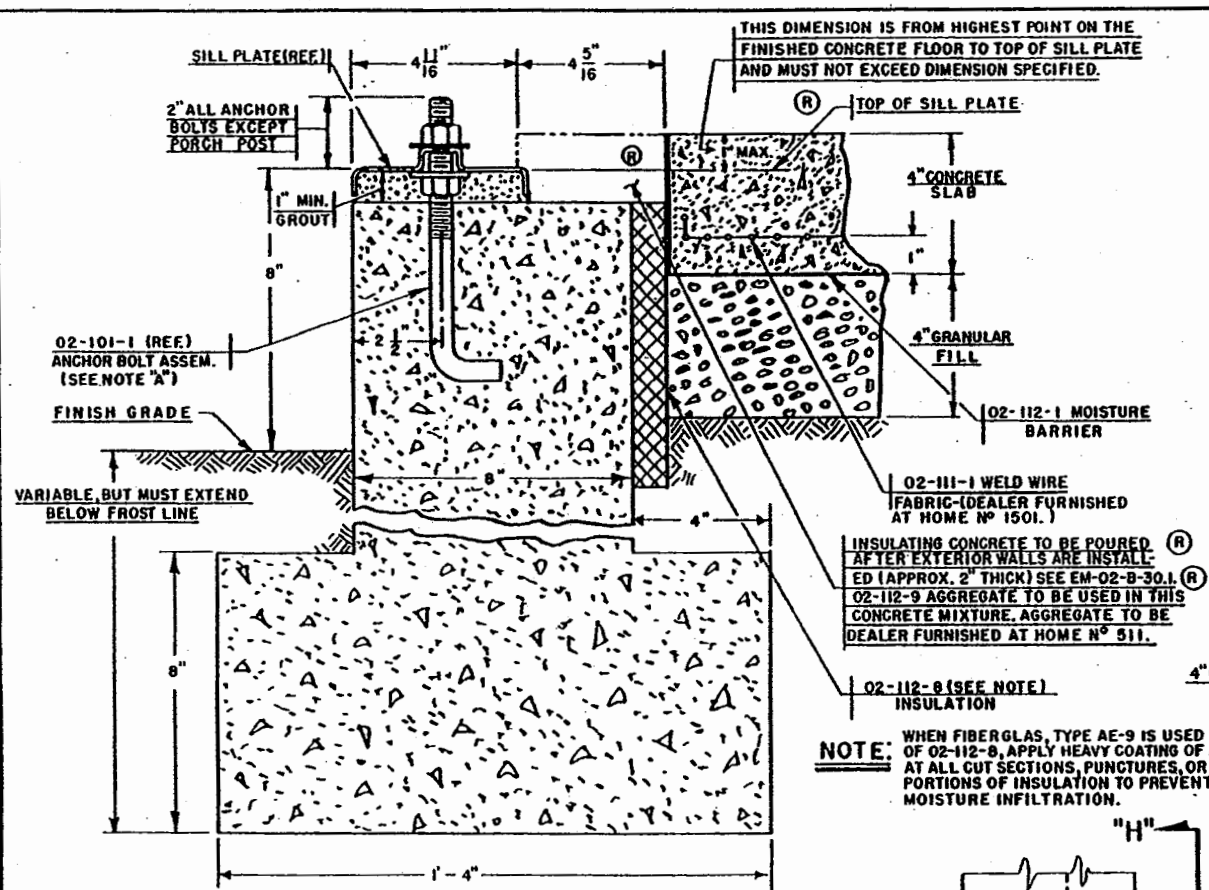


02 MODEL

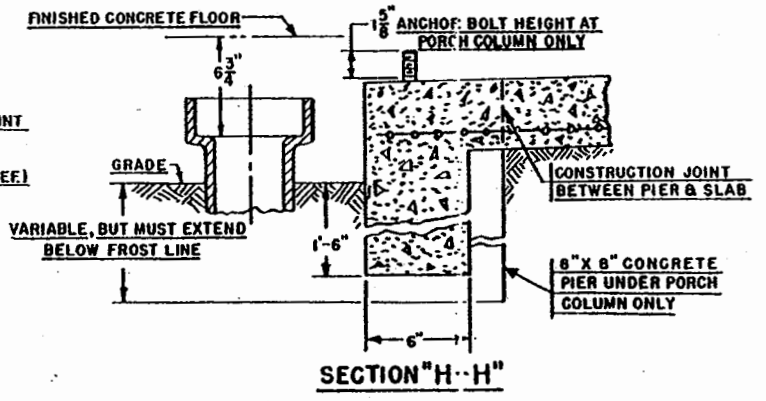
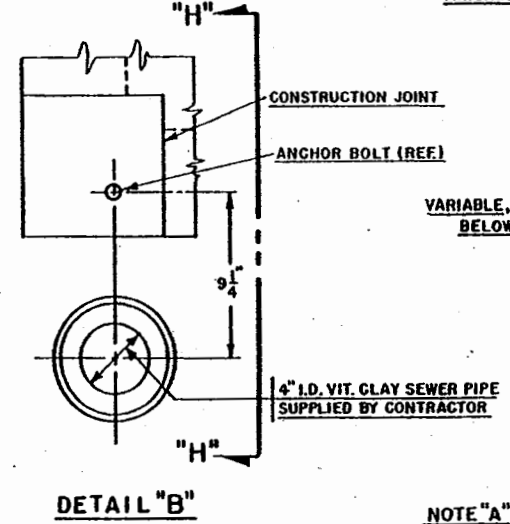
THE *L*USTRON HOME

DATE ISSUED. \_\_\_\_\_  
SERIAL N<sup>o</sup>. \_\_\_\_\_

RELEASE NO.	DATE
NP-337	1-28-49
NP-345	2-8-49



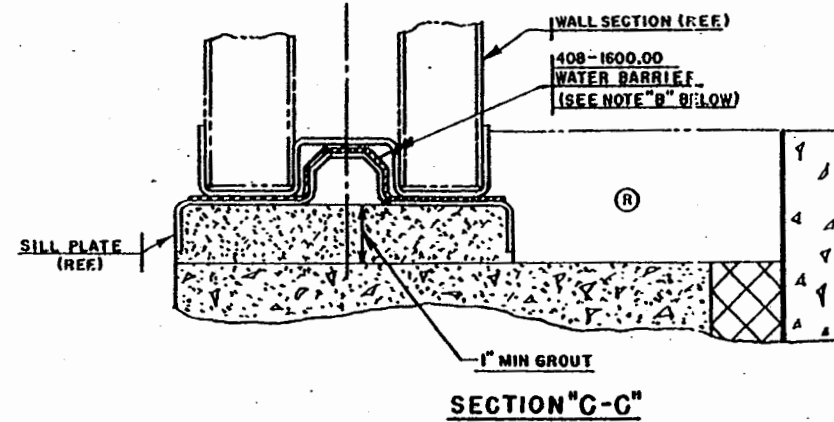
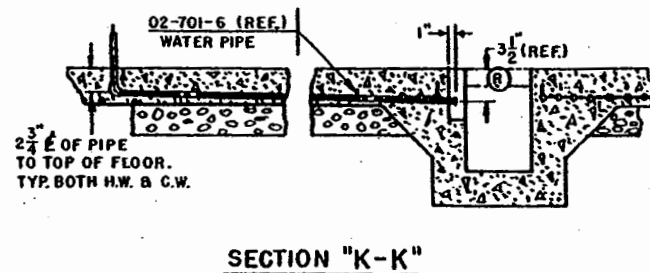
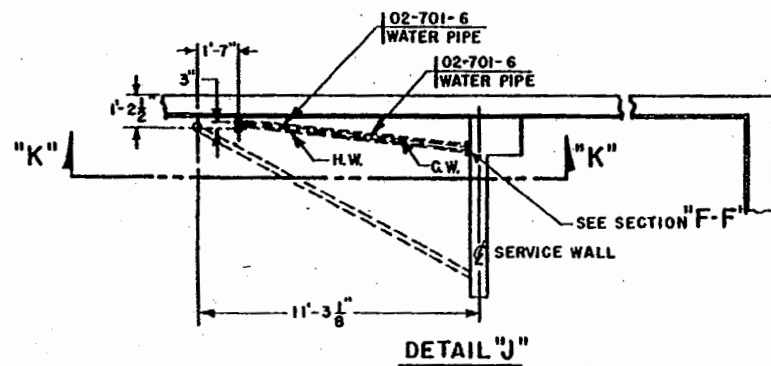
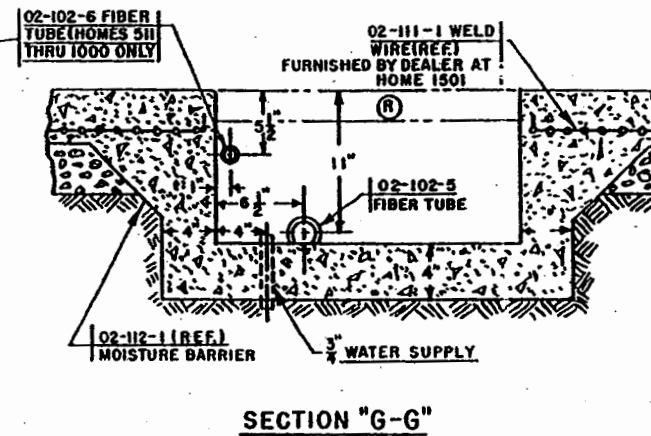
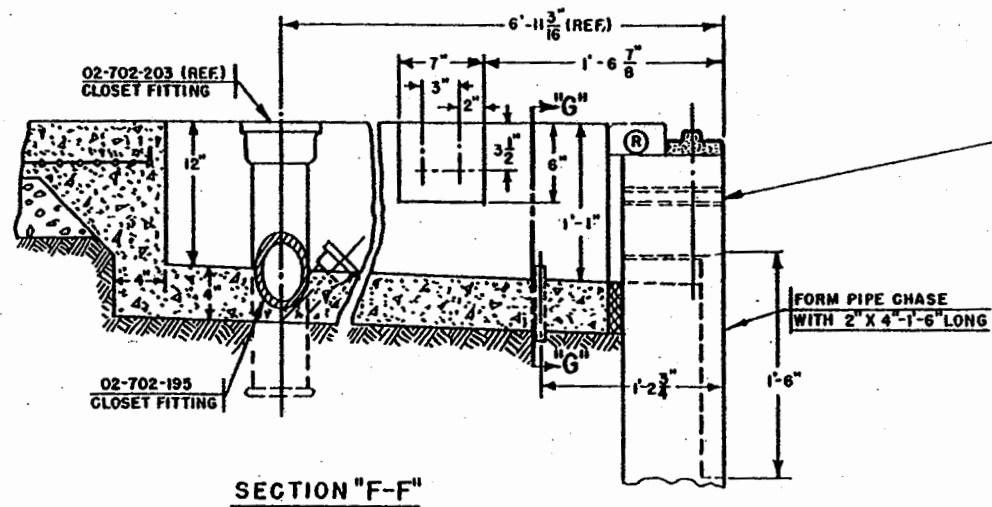
**NOTE:** WHEN FIBERGLAS, TYPE AE-9 IS USED AS PART OF 02-112-8, APPLY HEAVY COATING OF ASPHALT AT ALL CUT SECTIONS, PUNCTURES, OR TORN PORTIONS OF INSULATION TO PREVENT MOISTURE INFILTRATION.



**NOTE "A":**  
 02-101-1 ANCHOR BOLT ASSEM. MADE UP OF  
 (1) 02-102-3 BOLT  
 (2) 02-102-4 HEX. NUTS  
 (2) 02-452-123 WASHERS

<b>Lustron</b> CORPORATION		MANUAL
ERECTION		
<b>TITLE FOUNDATION DETAILS</b>		
PREPARED BY J. B. R.	DATE 1-28-49	EFF. 511 THRU 3000
REVISED BY 2-8-49	BY W. C. G.	DRAWING NUMBER EM-02-A-11.11

RELEASE NO.	DATE
NP-337	1-28-49
NP-345	2-8-49

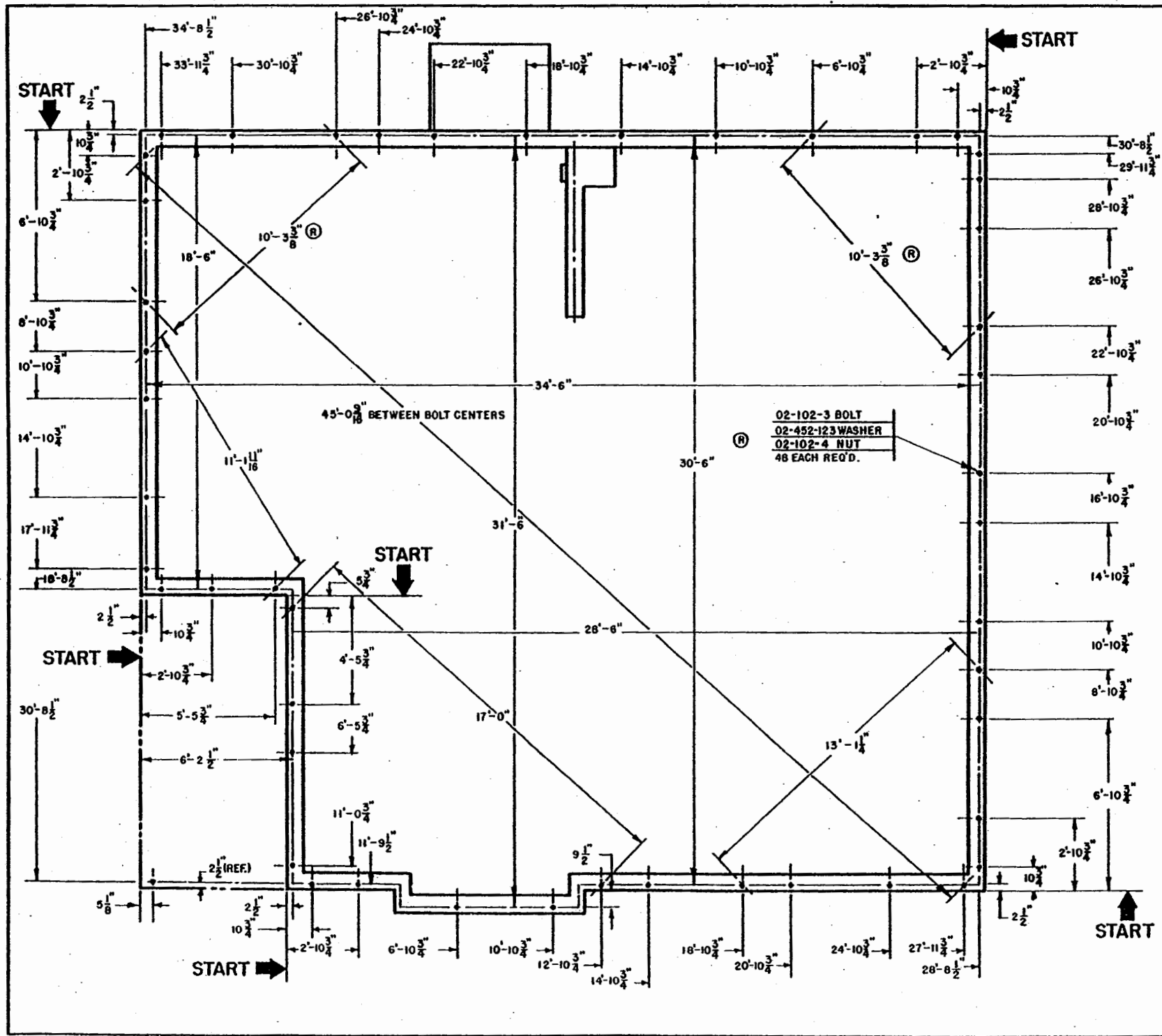


**NOTE "B"**  
 408-1600.00 WATER BARRIER IS SHIPPED WITH HOUSE AND IS TO BE INSTALLED WHEN WALL SECTIONS ARE INSTALLED.

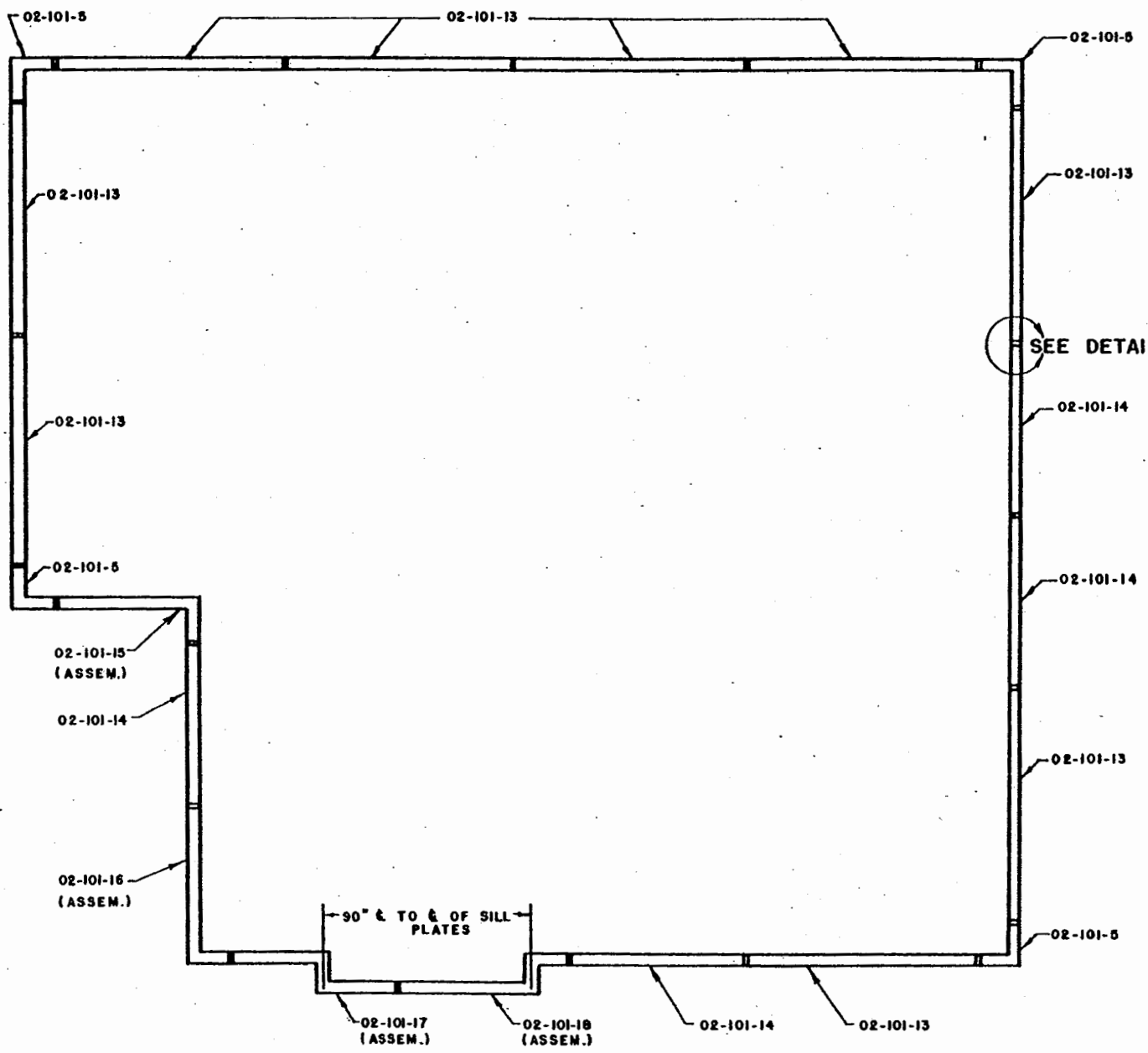


ERECTION		MANUAL	
TITLE FOUNDATION DETAILS			
PREPARED BY	DATE	EFF.	511 THRU 3000
J.B.R.	1-28-49	DRAWING NUMBER	
REVISED	BY	EM-02-A-11.12	
2-8-49	W.C.G.		

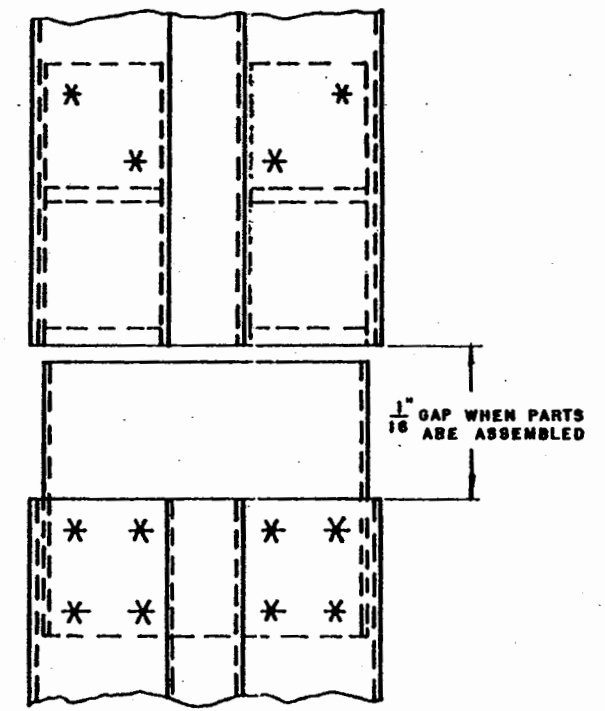
RELEASE NO.	DATE
NP-377	1-28-49
NP-602	3-28-49
NP-651	4-25-49



		ERECTION	MANUAL
TITLE ANCHOR BOLT LOCATION			
PREPARED BY	DATE	EFF. 511 THRU 3000	
W. C. G.	12-30-48	DRAWING NUMBER	
REVISED	BY	EM-02-A-21.1	
4-25-49	(R) W. C. G.		



SEE DETAIL "A"



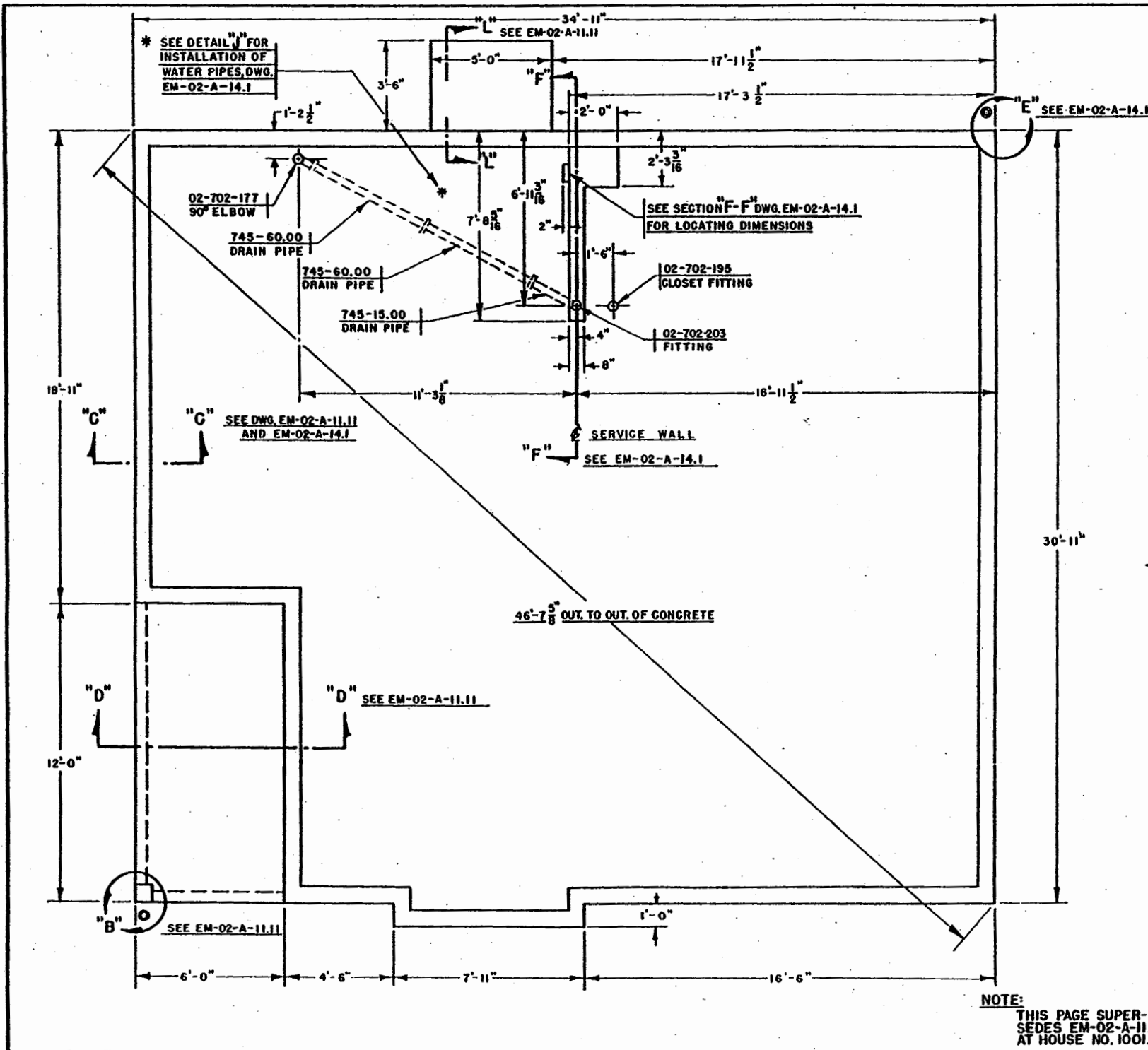
**DETAIL "A"**  
TYPICAL ASSEMBLY

**NOTE:**  
WHEN STANDING OUTSIDE OF FOUNDATION THE MALE END OF EACH PART IS TO THE RIGHT. WORK FROM LEFT TO RIGHT.



ERECTION		MANUAL	
TITLE SILL FLATE INSTALLATION			
PREPARED BY J. B. R.	DATE 1-28-49	EFF. 511 THRU 3000	
		DRAWING NUMBER EM-02-A-31.1	

RELEASE NO.	DATE
NP-715	7-18-49

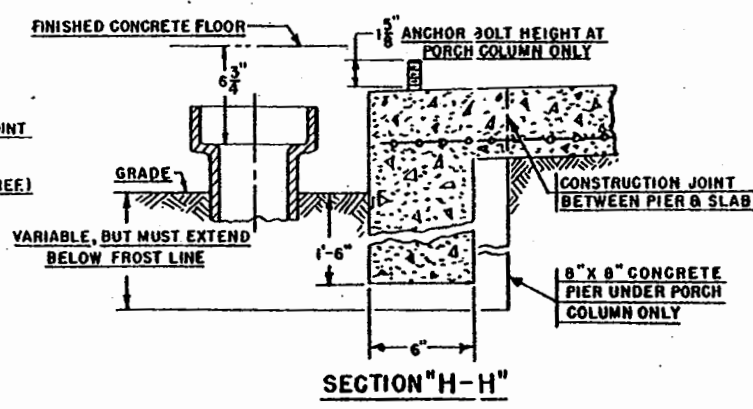
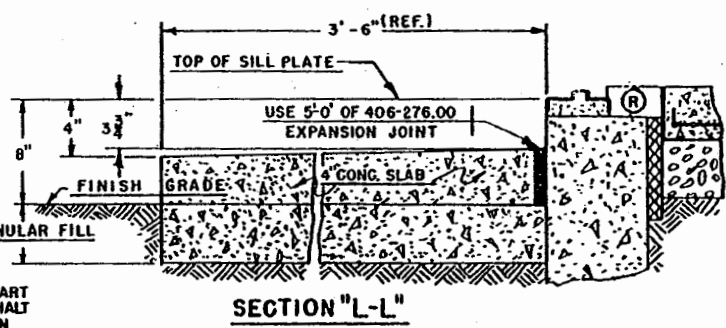
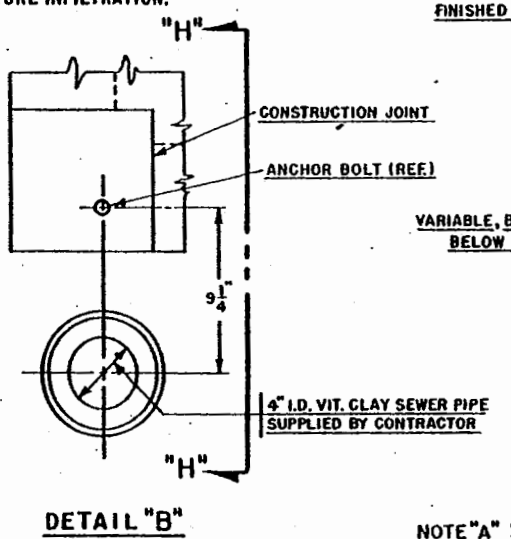
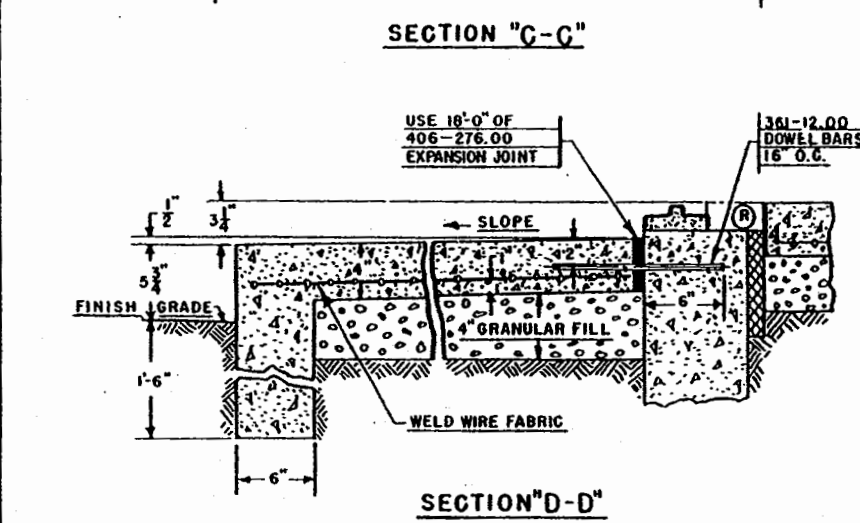
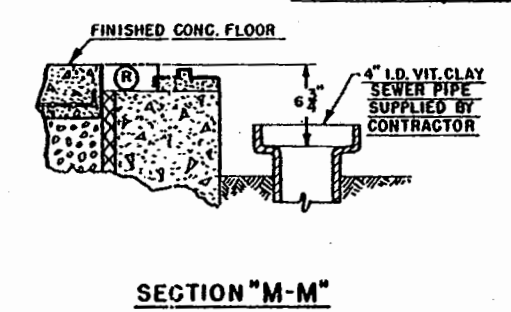
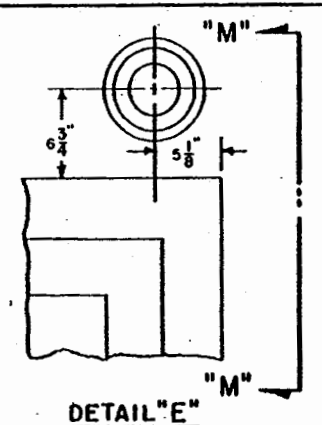
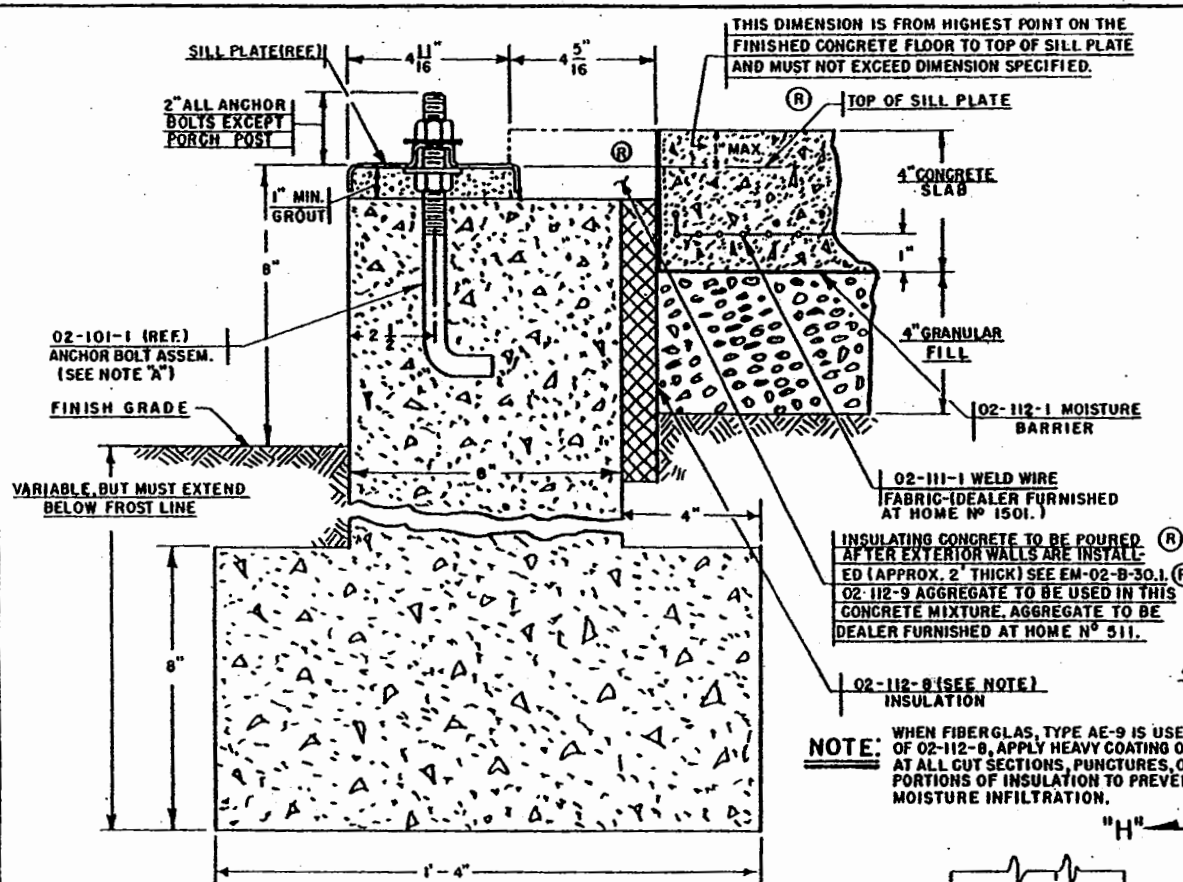


**NOTE:**  
SEE DETAIL "J" FOR INSTALLATION  
OF WATER PIPES DWG. EM-02-A-14.1

**NOTE:**  
THIS PAGE SUPERSEDES EM-02-A-11.1  
AT HOUSE NO. 1001.

ERECTION	MANUAL
TITLE FOUNDATION SLAB DIMENSIONS	
PREPARED BY R. L. S.	DATE 7-18-49
EFF. 1001 THRU 3000 DRAWING NUMBER EM-02-A-10.13	

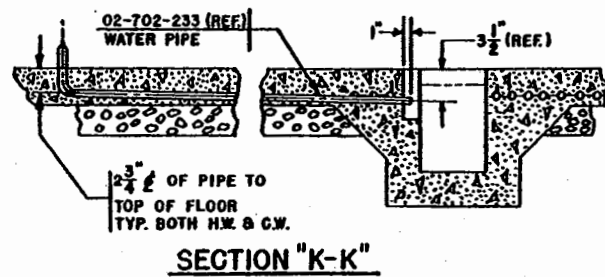
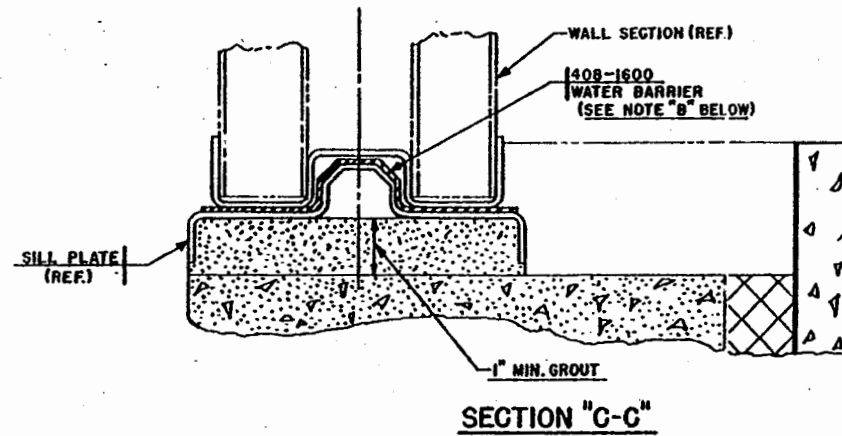
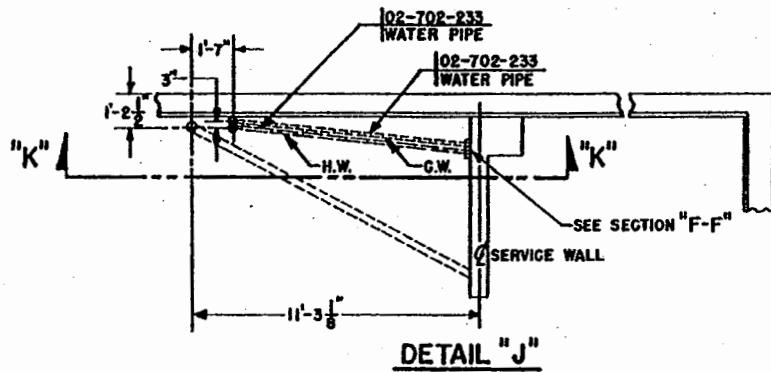
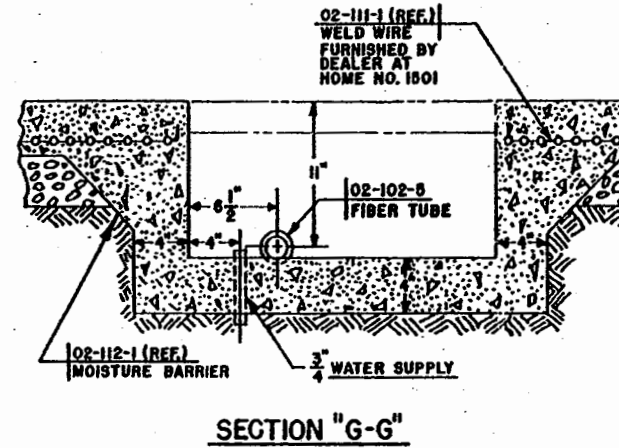
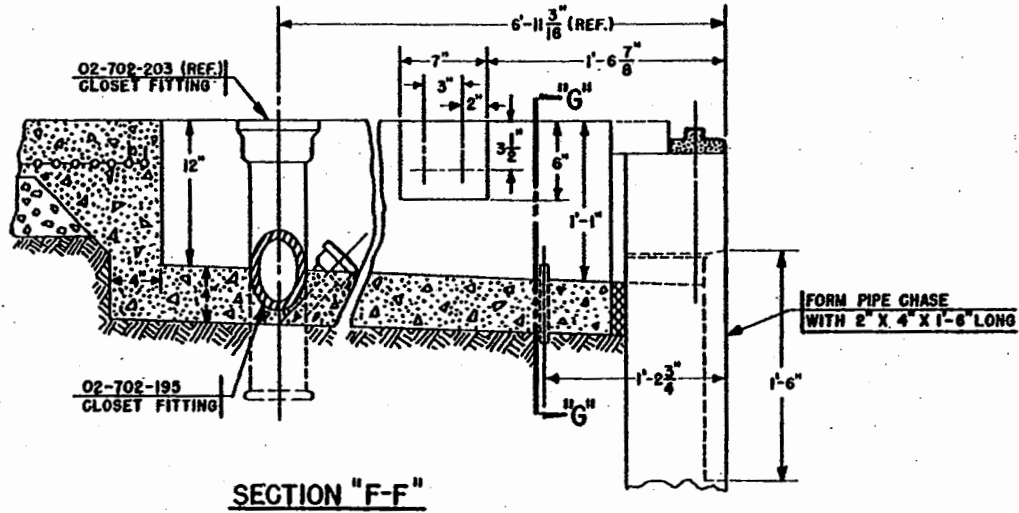
RELEASE NO.	DATE
NP-337	1-28-49
NP-345	2-8-49



**NOTE:** WHEN FIBERGLAS, TYPE AE-9 IS USED AS PART OF 02-112-8, APPLY HEAVY COATING OF ASPHALT AT ALL CUT SECTIONS, PUNCTURES, OR TORN PORTIONS OF INSULATION TO PREVENT MOISTURE INFILTRATION.

**NOTE "A" :**  
 02-101-1 ANCHOR BOLT ASSEM. MADE UP OF  
 (1) 02-102-3 BOLT  
 (2) 02-102-4 HEX NUTS  
 (2) 02-452-123 WASHERS

<b>Lustron</b> CORPORATION		MANUAL
ERECTION		
<b>TITLE FOUNDATION DETAILS</b>		
PREPARED BY J. B. R.	DATE - 28-49	EFF. 511 THRU 3000
REVISED 2-8-49	BY N. C. G.	DRAWING NUMBER <b>EM-02-A-11.11</b>



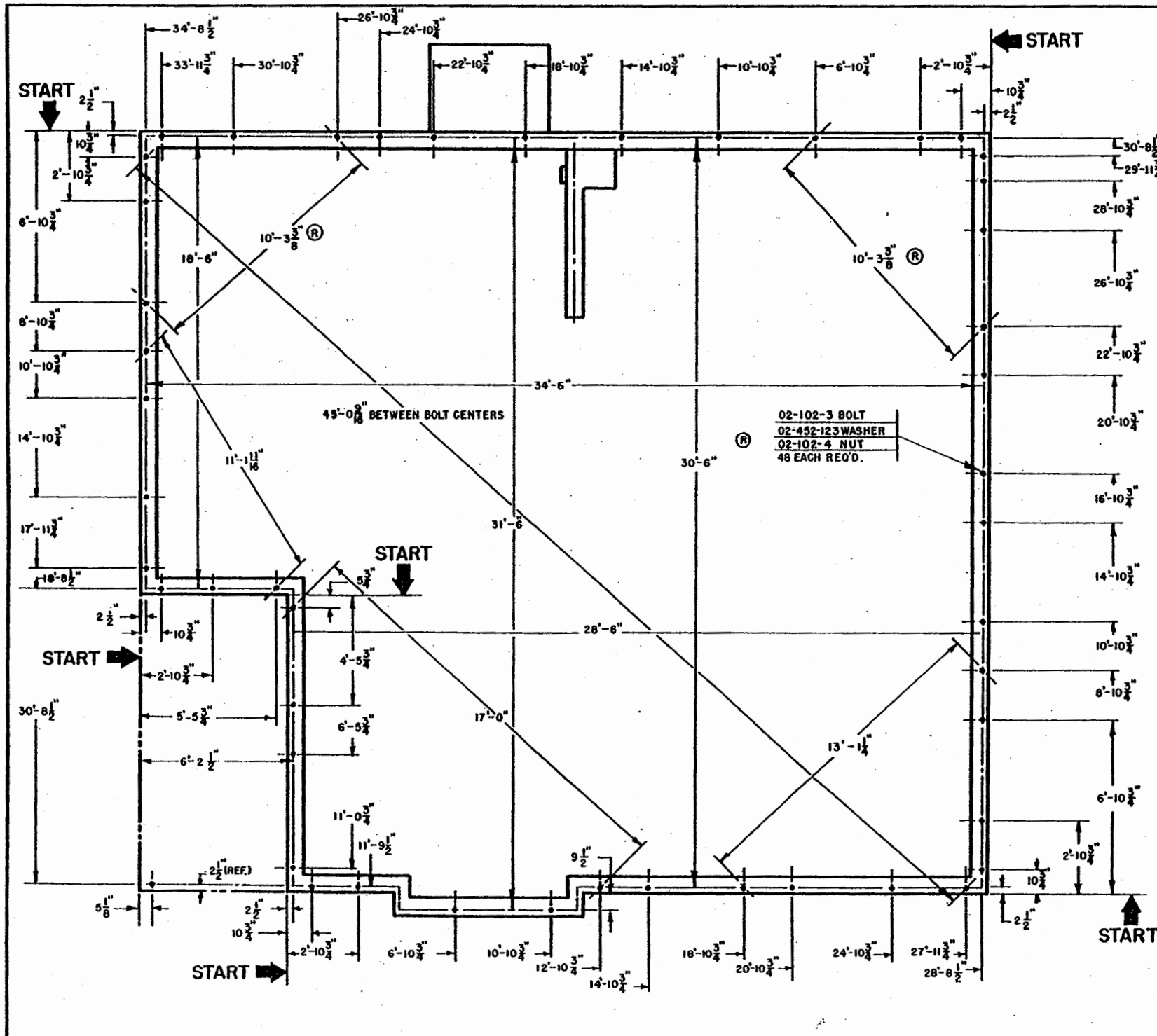
NOTE "B"  
 408-1600.00 WATER BARRIER IS SHIPPED WITH HOUSE, AND IS TO BE INSTALLED WHEN WALL SECTIONS ARE INSTALLED.

NOTE:  
 THIS PAGE SUPERSEDES EM-02-A-11.12 AT HOME NO. 1001.

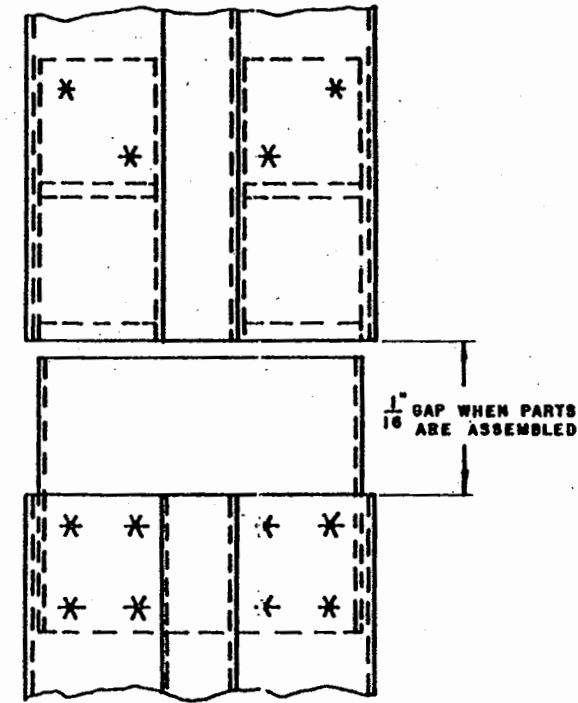
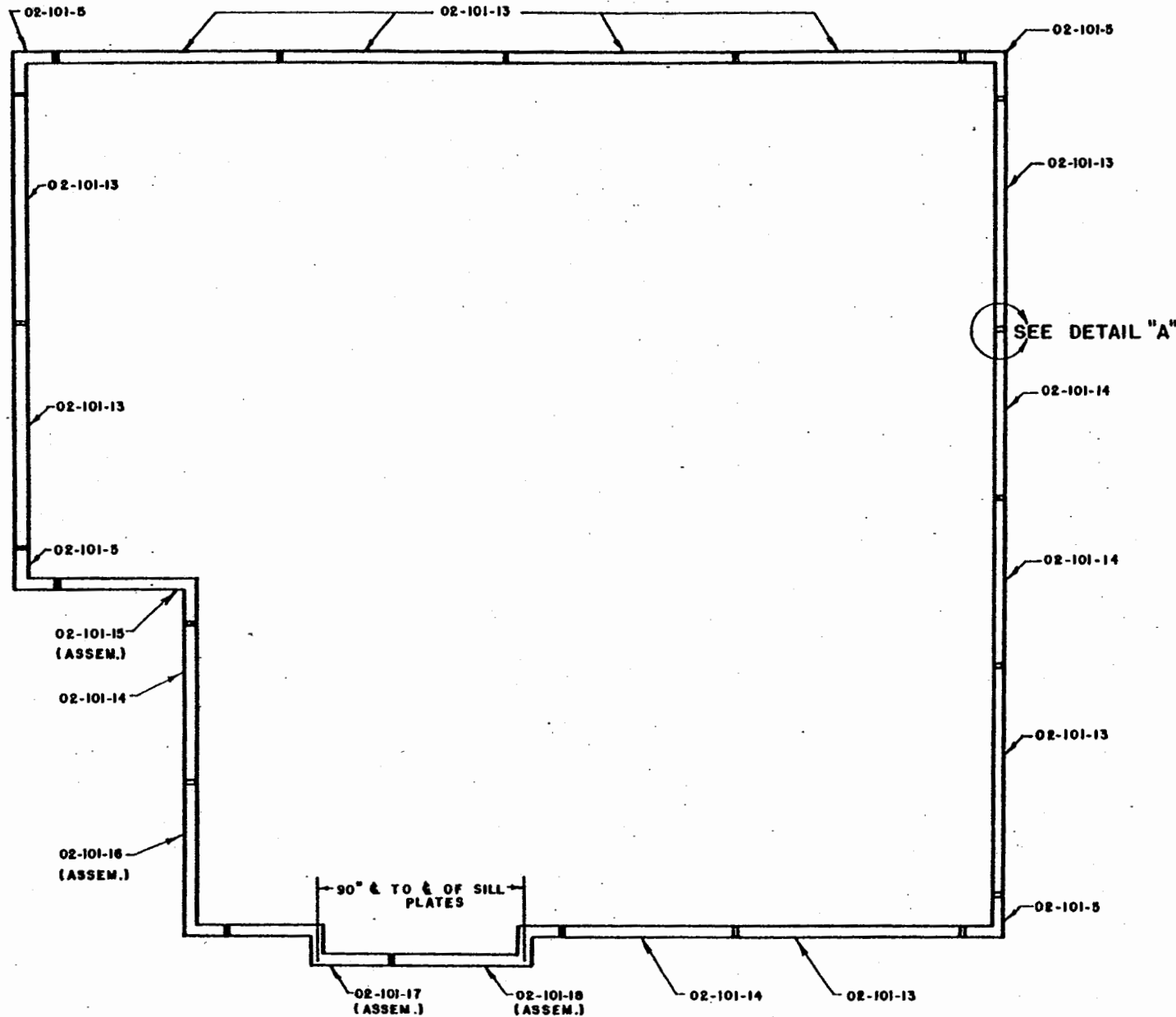
<b>LUSTRON</b> CORPORATION		MANUAL
ERECTION		
TITLE	FOUNDATION DETAILS	
PREPARED BY R. L. S.	DATE 7-18-49	EFF. 1001 THRU 3000
		DRAWING NUMBER EM-02-A-14.1



RELEASE NO.	DATE
NP-377	1-28-49
NP-602	3-28-49
NP-651	4-25-49



ERECTION	MANUAL
TITLE ANCHOR BOLT LOCATION	
PREPARED BY W. G. G.	DATE 12-30-48
REVISED BY 4-25-49 (R)	W. G. G.
EFF 511 THRU 3000 DRAWING NUMBER EM-02-A-21.1	

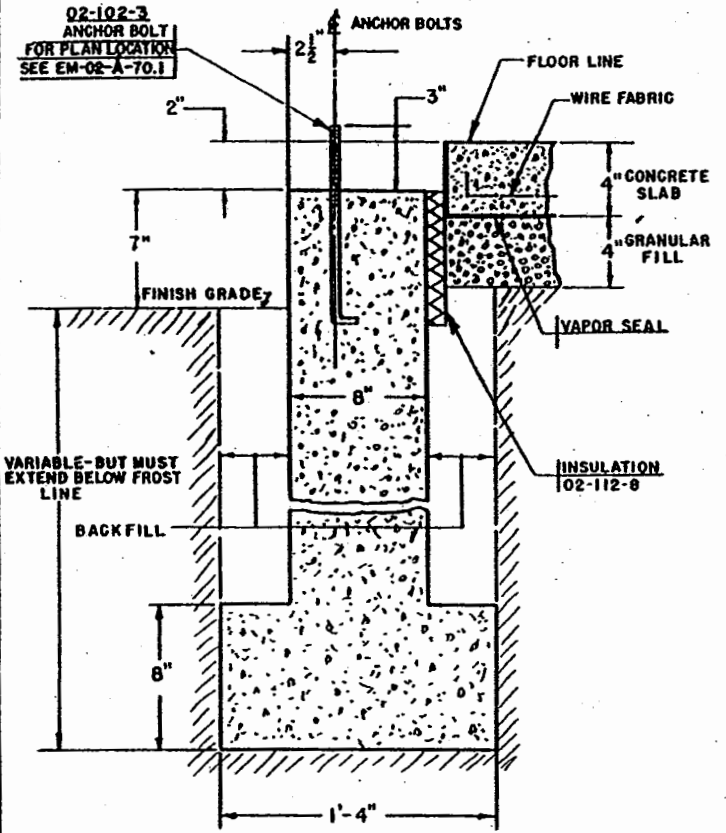


**DETAIL "A"**  
TYPICAL ASSEMBLY

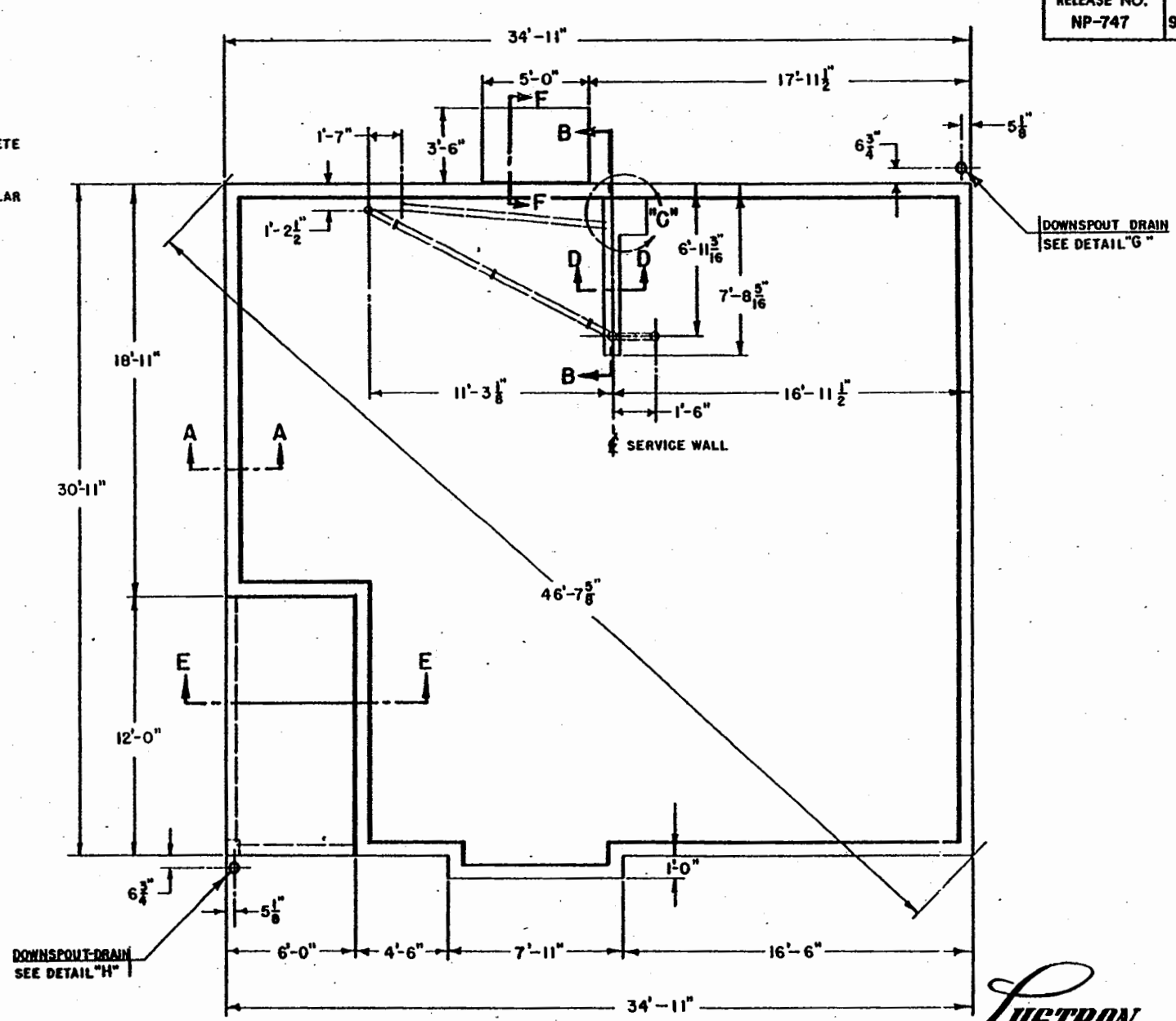
**NOTE:**  
WHEN STANDING OUTSIDE OF FOUNDATION THE MALE END OF EACH PART IS TO THE RIGHT WORK FROM LEFT TO RIGHT.



ERECTION		MANUAL	
TITLE SILL PLATE INSTALLATION			
PREPARED BY J. B. R.	DATE -28-49	EFF. 511 THRU 3000	
		DRAWING NUMBER EM-02-A-31.1	



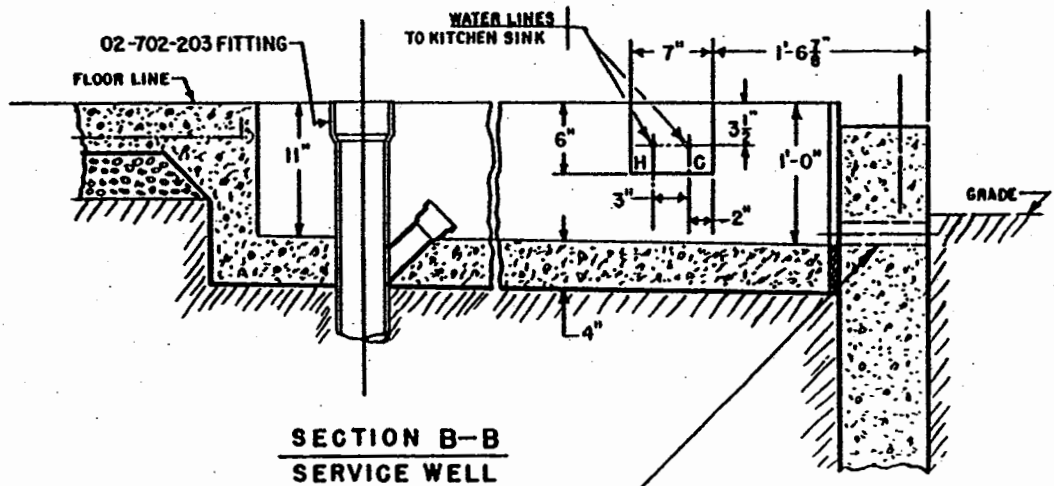
**SECTION "A-A"  
TYPICAL THRU FOOTING**



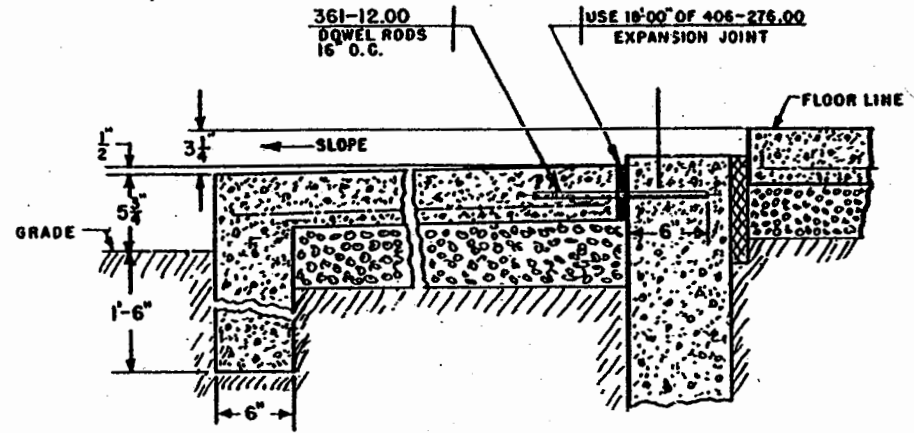
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EM-02-A-10.13 AT  
HOUSE NO. 2601.



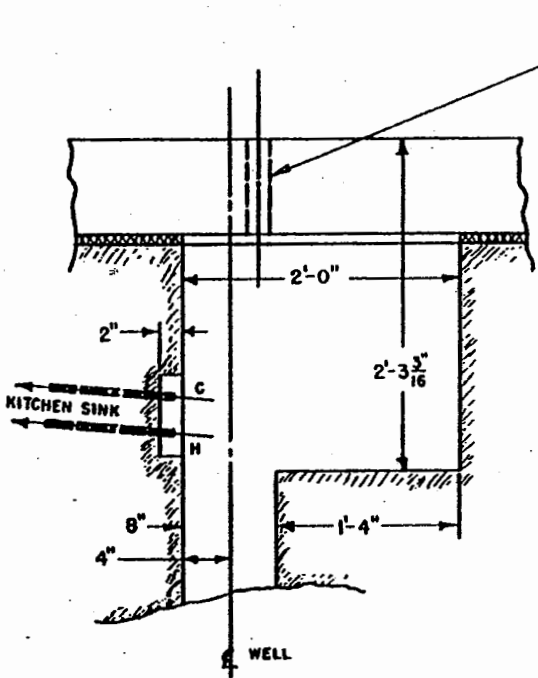
ERECTION	MANUAL	
TITLE	FOUNDATION-SLAB & FOOTING	
PREPARED BY R. L. S.	DATE 9-7-49	EFF. 2601 & SUB.
		DRAWING NUMBER EM-02-A-40.1



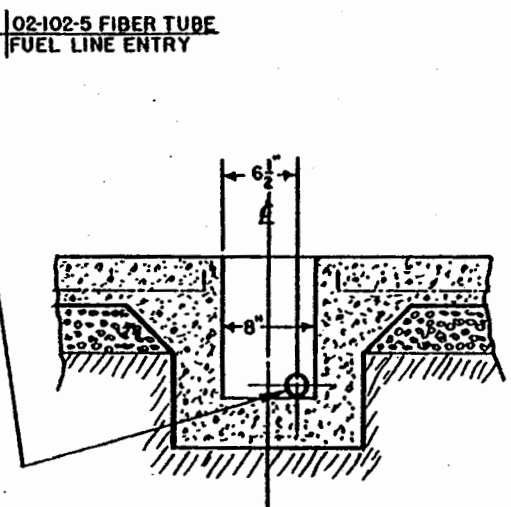
**SECTION B-B  
SERVICE WELL**



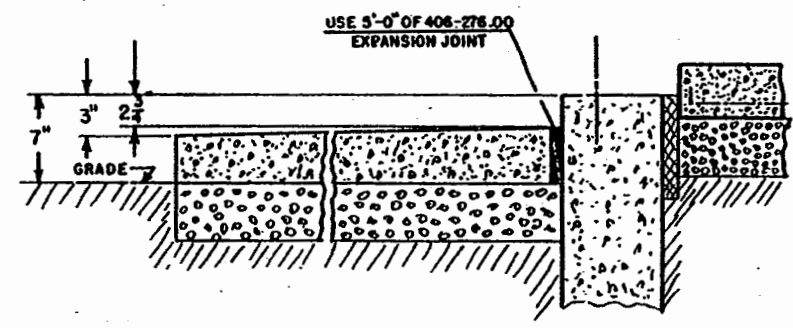
**SECTION E-E  
FRONT PORCH SLAB**



**VIEW OF CIRCLE "C"  
SERVICE WELL UNDER TUB**



**SECTION D-D  
SERVICE WELL**

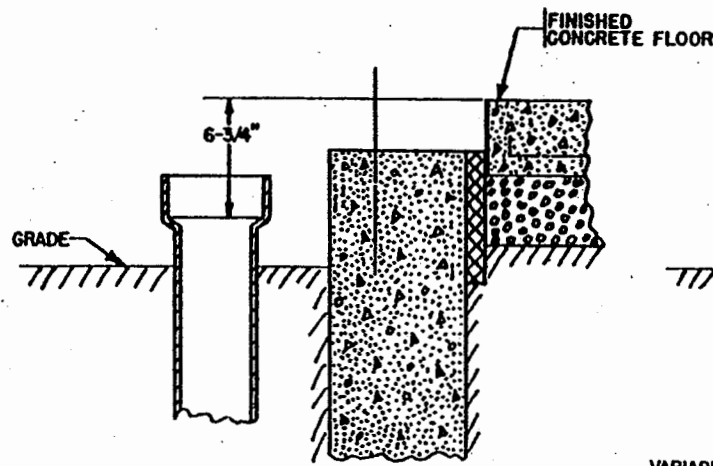


**SECTION F-F  
REAR PORCH SLAB**

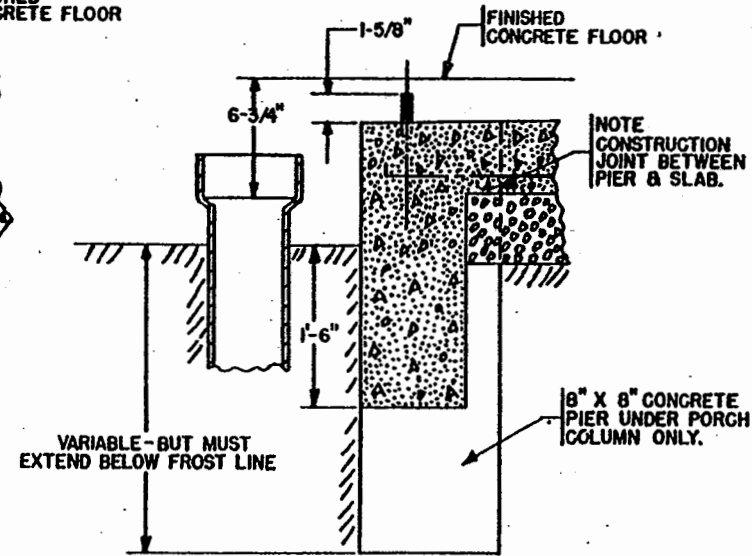
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EM-02-A-11.11 AT  
HOUSE NO. 2601.



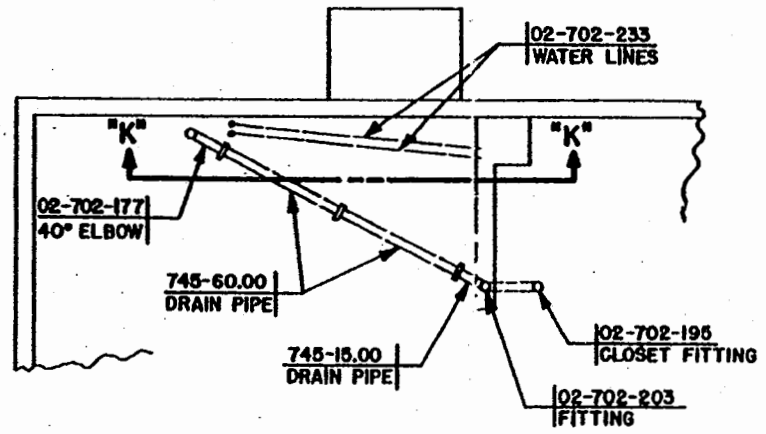
ERECTION		MANUAL
TITLE		
FOUNDATION-DETAILS		
PREPARED BY	DATE	EFF. 2601 & SUB.
R. L. S.	9-7-49	DRAWING NUMBER
EM-02-A-50.1		



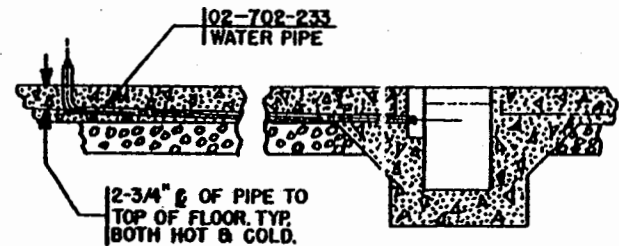
**DETAIL "G"**  
DOWNPOUT DRAIN  
AT REAR-RIGHT CORNER



**DETAIL "H"**  
DOWNPOUT DRAIN &  
PIER DETAIL  
AT FRONT PORCH CORNER



**DETAIL "J"**

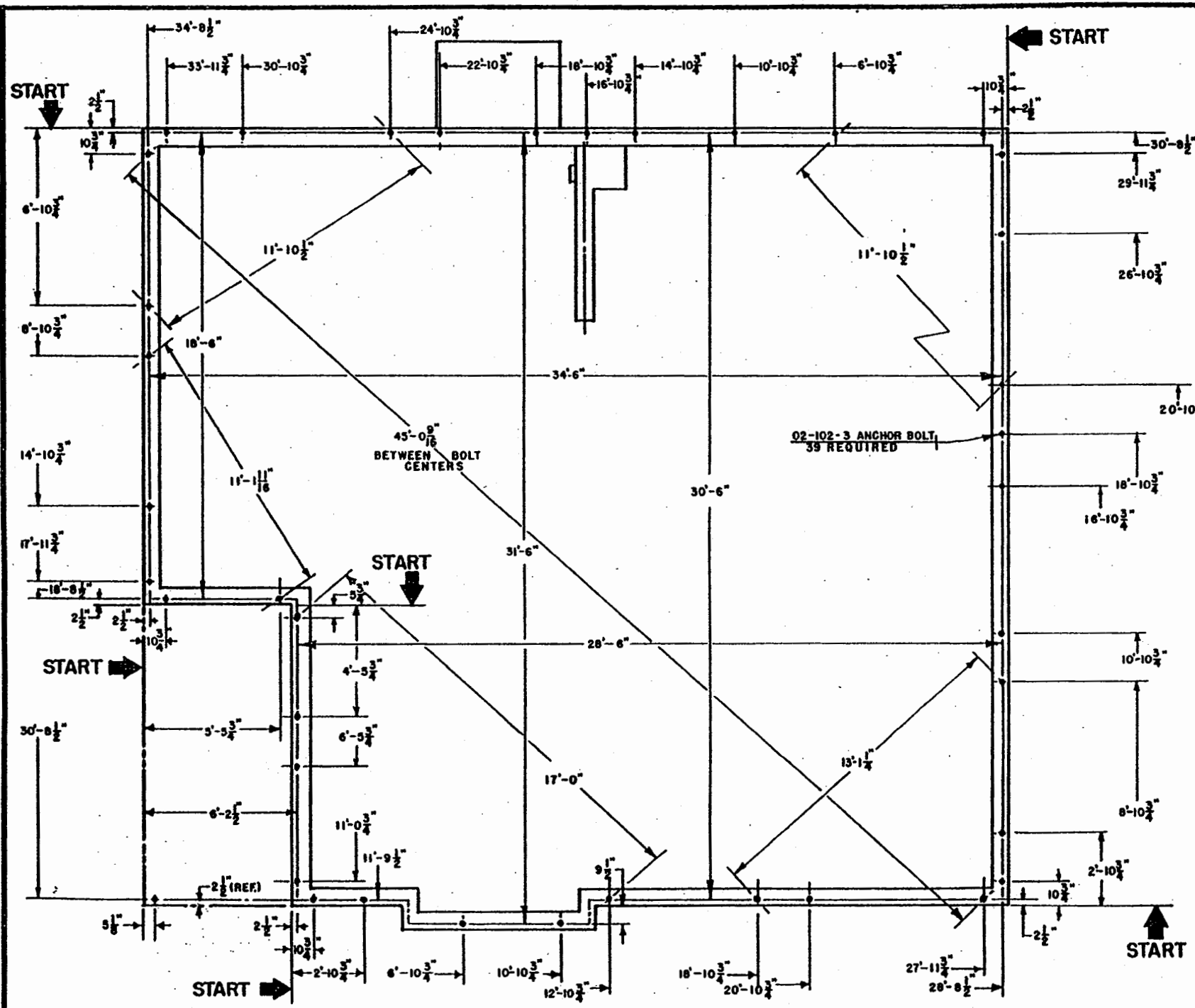


**SECTION "K-K"**

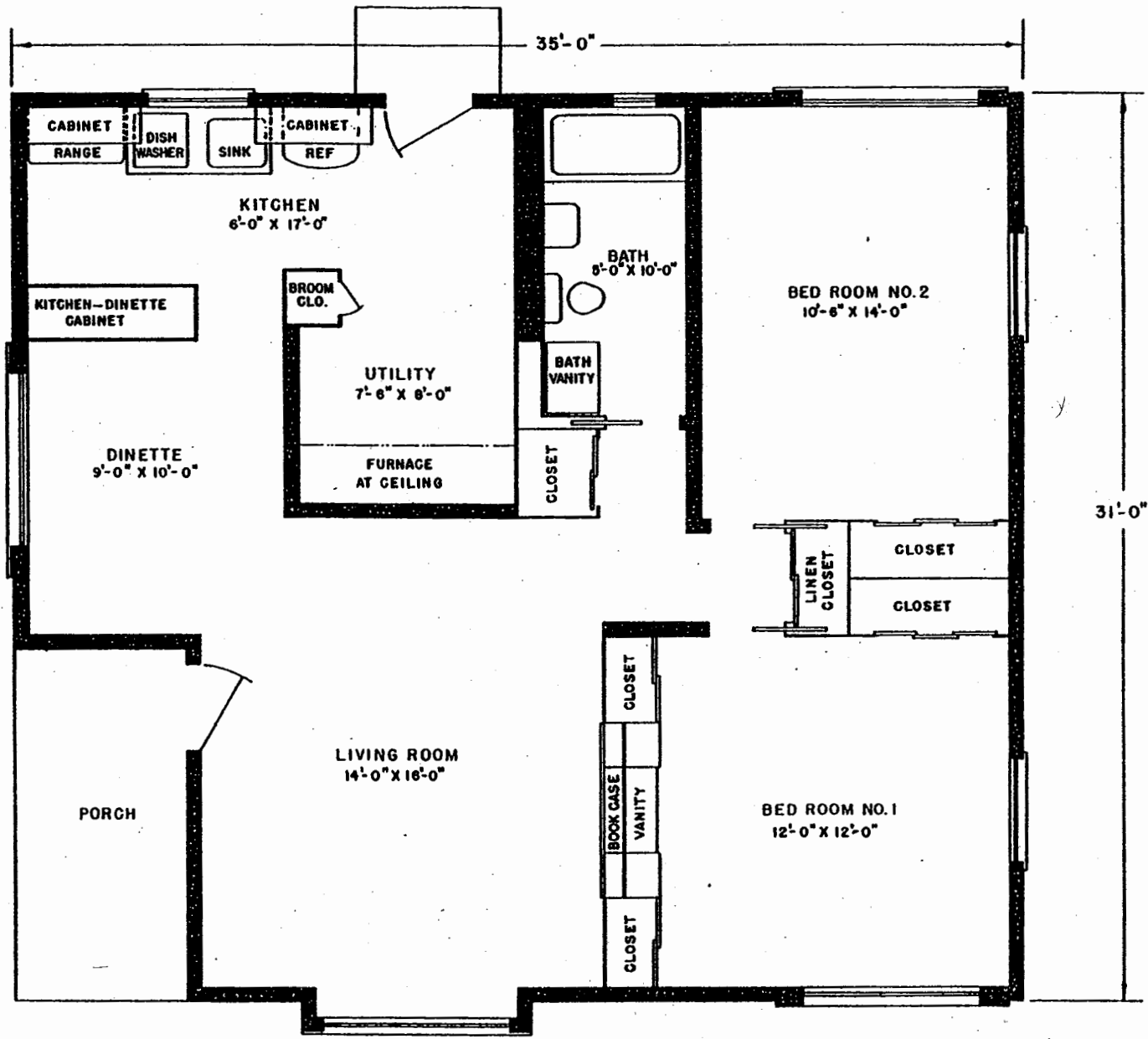
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EM-02-A-14.1 AT HOUSE  
NO. 2601.



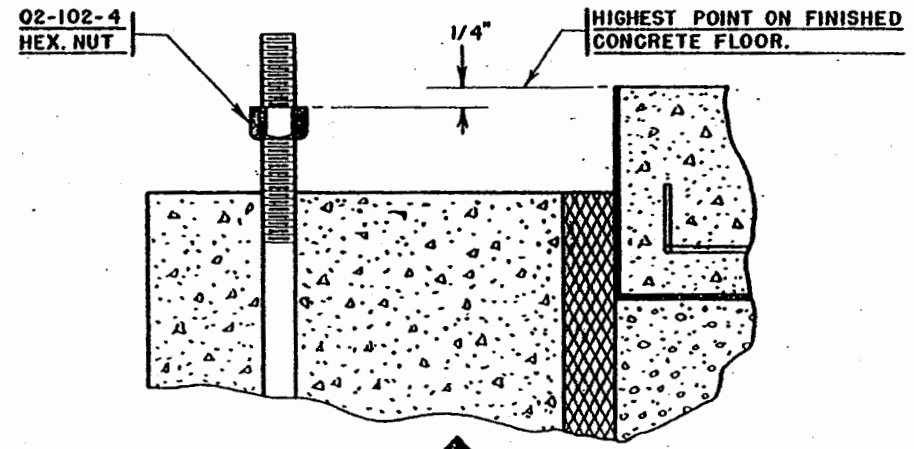
ERECTION		MANUAL	
TITLE FOUNDATION DETAILS			
PREPARED BY R. L. S.	DATE 9-7-49	EFF. 2601 & SUB.	
		DRAWING NUMBER EM-02-A-60.1	



ERECTION TITLE	MANUAL	
ANCHOR BOLT LOCATION		
PREPARED BY W. C. O.	DATE 9-7-49	EFF. 2601 & SUB.
		DRAWING NUMBER EM-02-A-70.1



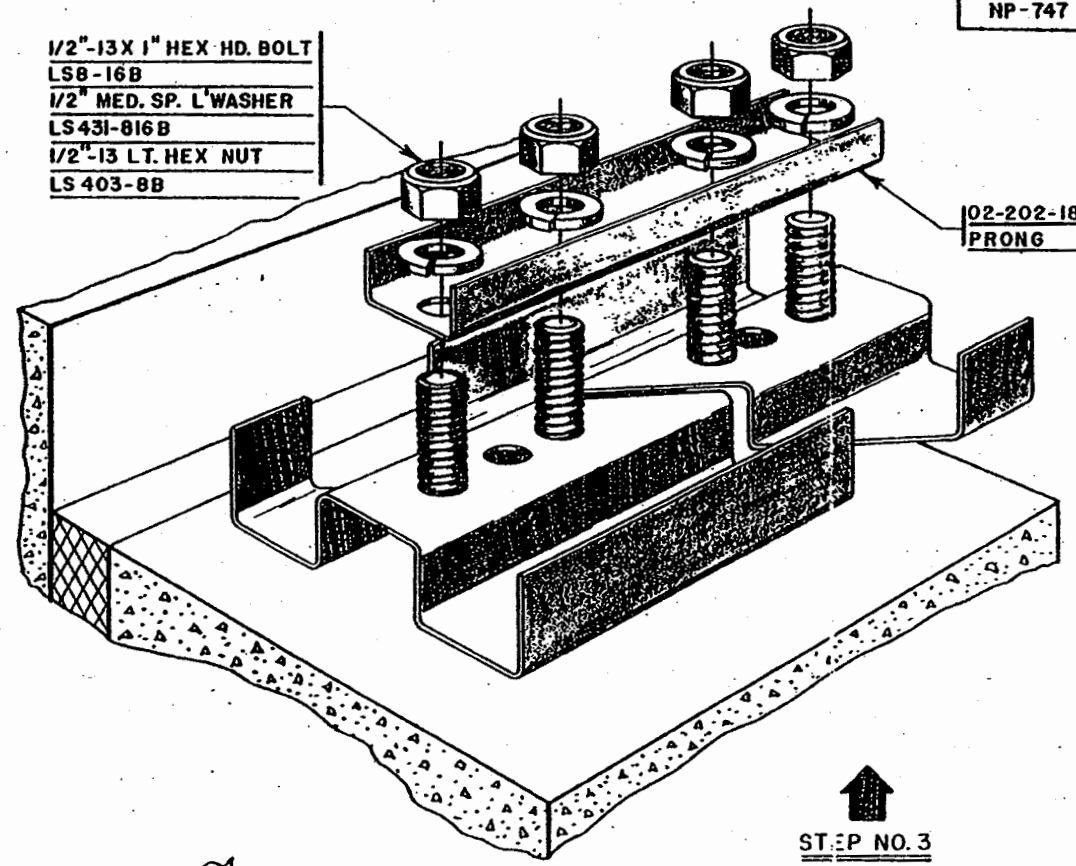
ERECTION	MANUAL	
TITLE	FLOOR PLAN	
PREPARED BY G.B.E.	DATE 4-21-49	EFF. 426 THRU 3000
		DRAWING NUMBER EM-02-B-11.1



**STEP NO. 1**

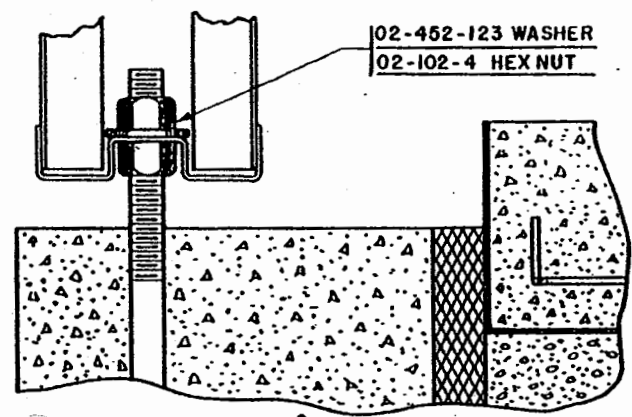
INSTALL ONE NUT EACH ON ALL ANCHOR BOLTS PER DIMENSIONS SHOWN ABOVE.

- 1/2"-13 X 1" HEX HD. BOLT  
LS8-16B
- 1/2" MED. SP. L'WASHER  
LS431-816B
- 1/2"-13 LT. HEX NUT  
LS403-8B



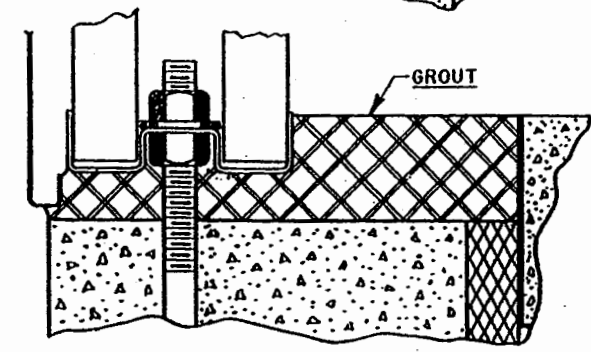
**STEP NO. 3**

MAKE BOTTOM WALL SPACER CONNECTION BEFORE ANCHOR BOLTS ARE TIGHTENED.



**STEP NO. 2**

INSTALL EXTERIOR WALL SECTIONS USING NUT AND WASHER AT EACH ANCHOR BOLT. DONOT TIGHTEN NUTS UNTIL ALL EXTERIOR WALL SECTIONS ARE INSTALLED.



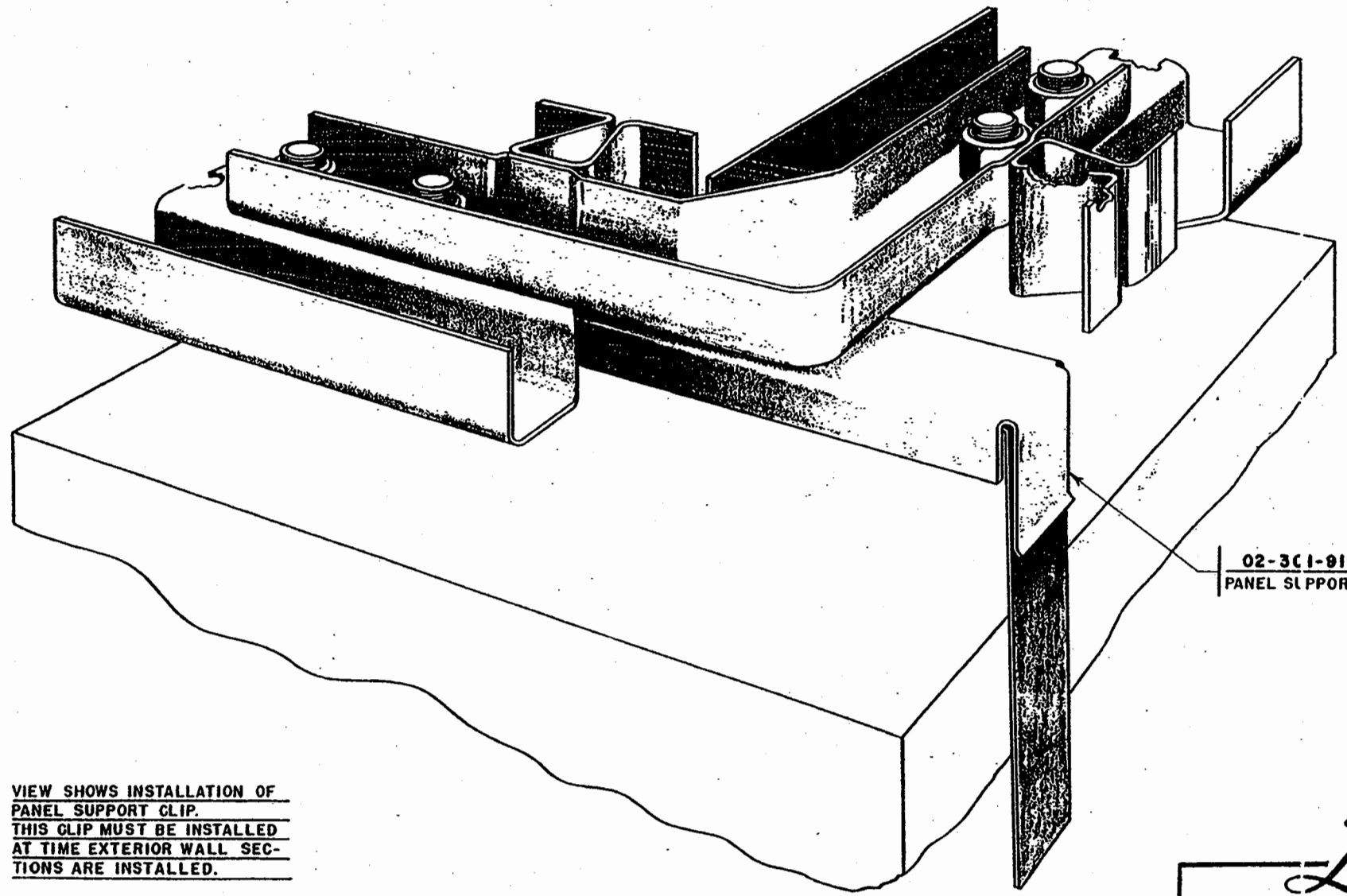
**STEP NO. 4**

AFTER EXTERIOR PANELS ARE INSTALLED, GROUT AS SHOWN. GROUT TO CONFORM TO LUSTRON MASTER SPEC. SECTION "O".



ERECTION	MANUAL	
TITLE	EXTERIOR WALL INSTALLATION DETAILS	
PREPARED BY MWC	DATE 8-12-49	EFF. 2601 & SUB. DRAWING NUMBER EM-02-B-15.1





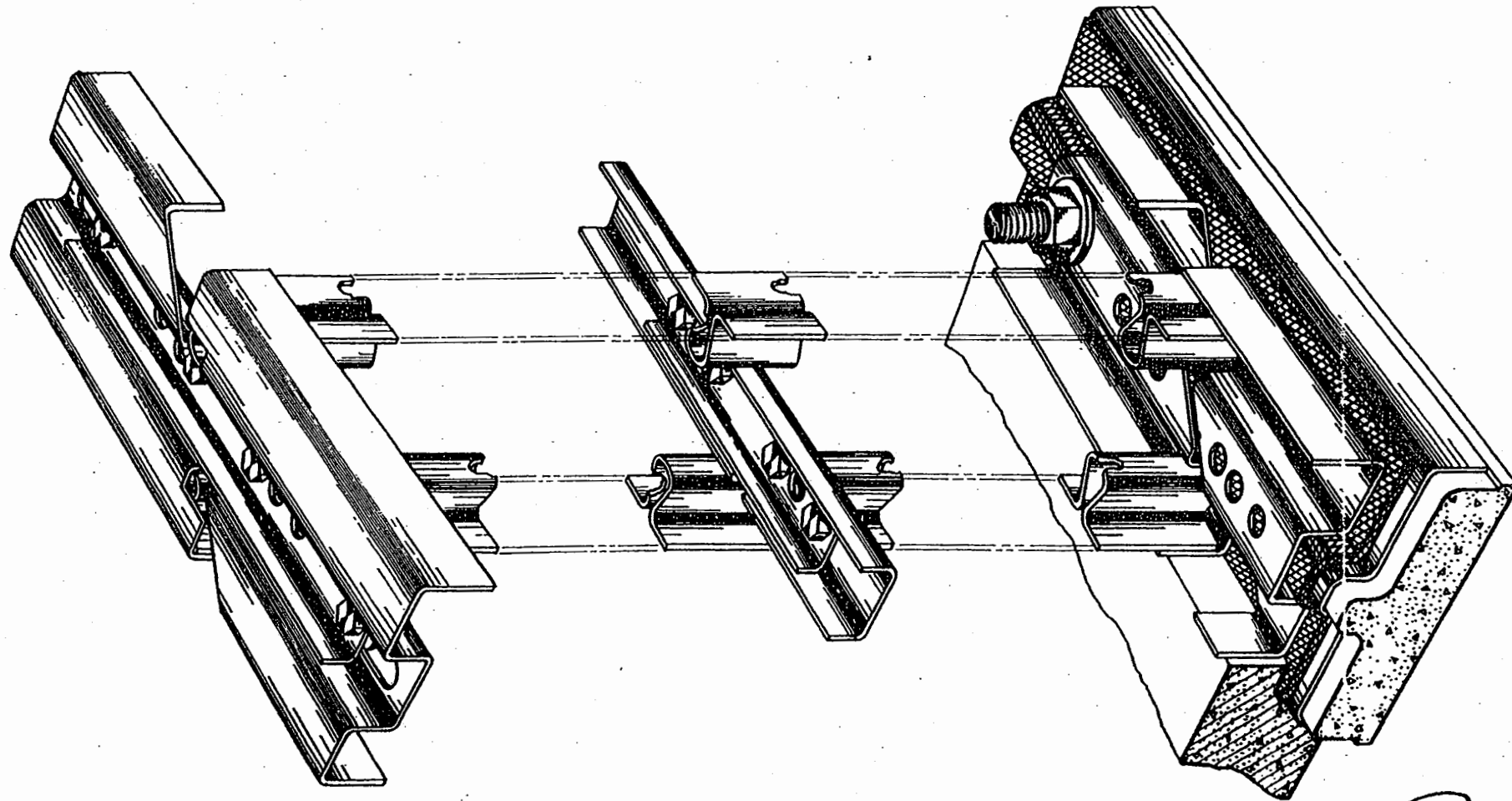
02-3C1-91  
PANEL SUPPORT CLIP

VIEW SHOWS INSTALLATION OF  
PANEL SUPPORT CLIP.  
THIS CLIP MUST BE INSTALLED  
AT TIME EXTERIOR WALL SEC-  
TIONS ARE INSTALLED.



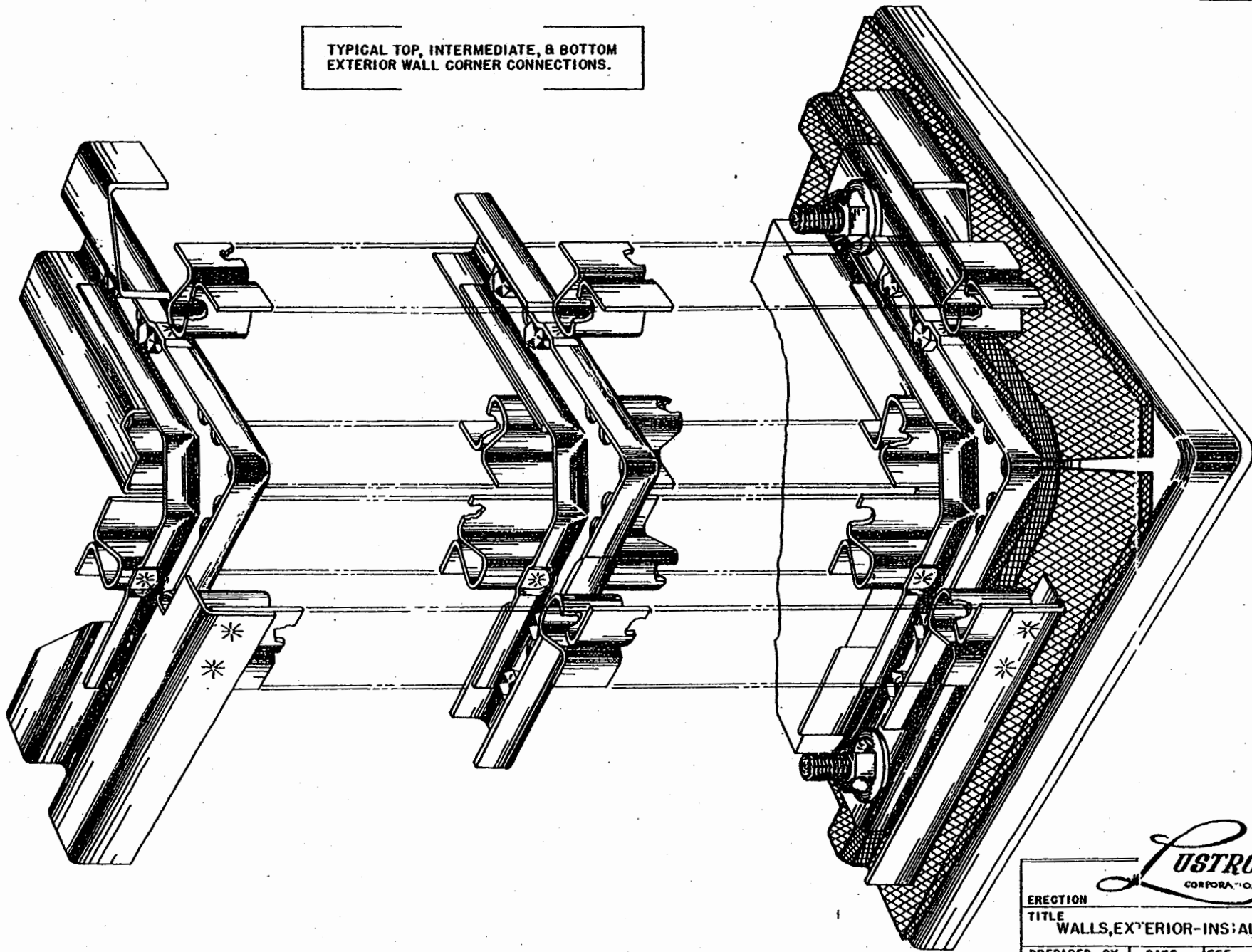
ERECTION		MANUAL
TITLE EXTERIOR WALL INSTALLATION DETAILS		
PREPARED BY MWC	DATE 8-19-49	EFF. 2601 & SUB.
		DRAWING NUMBER EM-02-B-18.1

TYPICAL TOP, INTERMEDIATE, & BOTTOM  
EXTERIOR WALL CONNECTIONS.



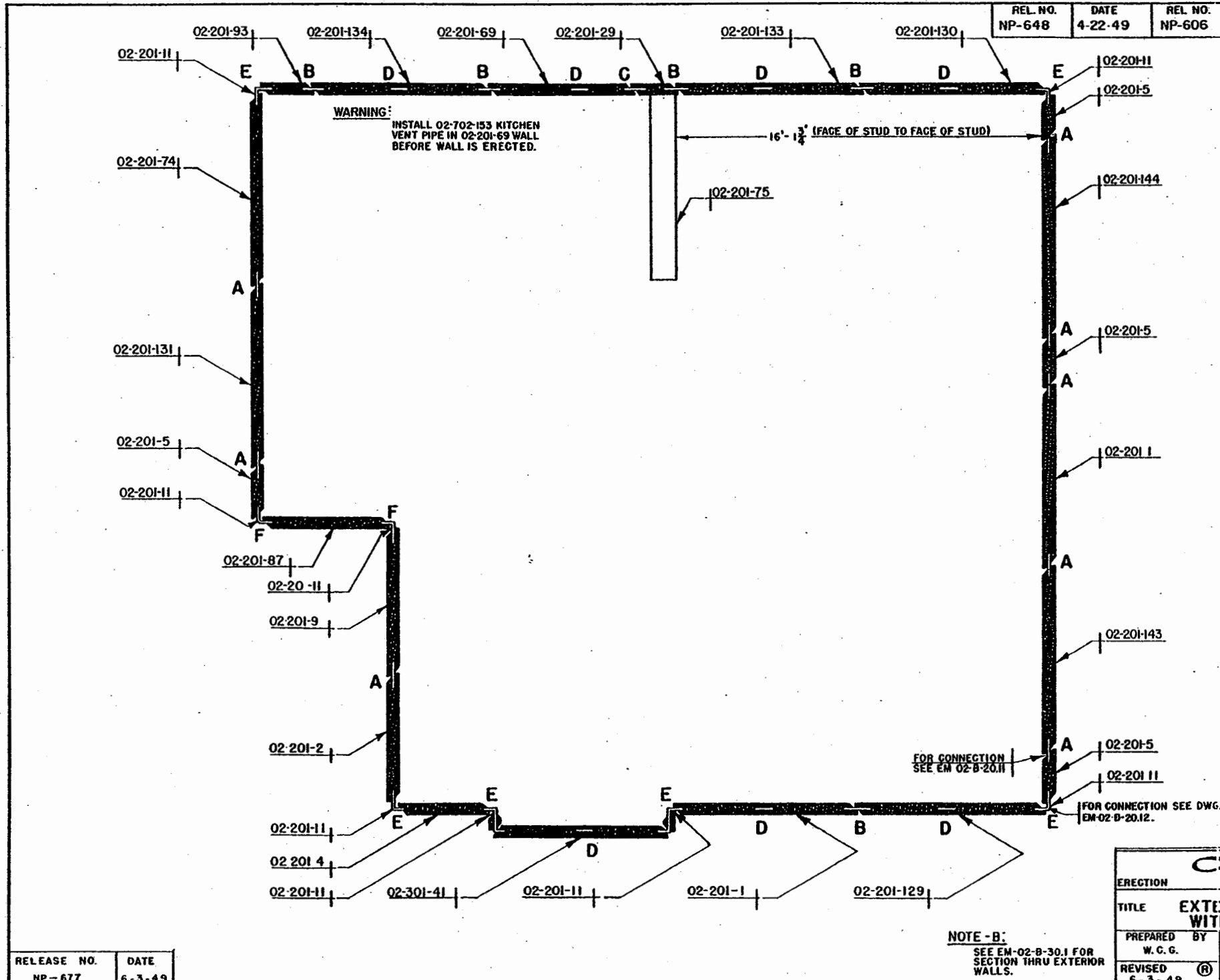
ERECTION		MANUAL
TITLE WALLS, EXTERIOR-INSTALLATION DETAILS		
PREPARED BY R.H. GEYER	DATE 2-10-49	EFF. 11 & SUB. DRAWING NUMBER EM-02-B-20.11

TYPICAL TOP, INTERMEDIATE, & BOTTOM  
EXTERIOR WALL CORNER CONNECTIONS.



ERECTION	MANUAL	
TITLE	WALLS, EXTERIOR-INSULATION DETAILS	
PREPARED BY	DATE	EFF. 11 & SUB.
R. H. GEYER	2-18-49	DRAWING NUMBER
		EM-02-B-20.12

REL. NO. NP-648	DATE 4-22-49	REL. NO. NP-606	DATE 4-6-49	REL. NO. NP-363	DATE 2-25-49
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**WARNING:**  
INSTALL 02-702-153 KITCHEN VENT PIPE IN 02-201-69 WALL BEFORE WALL IS ERECTED.

**CONNECTIONS MARKED**

- A-** REQUIRE AT TOP  
1- 02-202-116 PRONG  
4- BOLTS  
4- WASHERS  
4- NUTS
- REQUIRE AT INTERMEDIATE  
1- 02-202-8 PRONG  
4- BOLTS  
4- WASHERS  
4- NUTS
- B-** REQUIRE AT TOP  
1- 02-202-116 PRONG  
2- BOLTS  
2- WASHERS  
2- NUTS
- REQUIRE AT INTERMEDIATE  
1- 02-202-18 PRONG  
4- BOLTS  
4- WASHERS  
4- NUTS
- C-** REQUIRE AT TOP  
1- 02-202-116 PRONG  
4- BOLTS  
4- WASHERS  
4- NUTS
- REQUIRE AT INTERMEDIATE  
1- 02-202-18 PRONG  
4- BOLTS  
4- WASHERS  
4- NUTS
- D-** REQUIRE AT TOP  
1- 02-202-18 PRONG  
2- BOLTS  
2- WASHERS  
2- NUTS
- E-** REQUIRE AT TOP  
3- BOLTS  
3- WASHERS  
3- NUTS
- REQUIRE AT INTERMEDIATE  
4- BOLTS  
4- WASHERS  
4- NUTS
- REQUIRE AT BOTTOM  
4- WASHERS  
4- NUTS
- F-** REQUIRE AT TOP  
4- BOLTS  
4- WASHERS  
4- NUTS
- REQUIRE AT INTERMEDIATE  
4- BOLTS  
4- WASHERS  
4- NUTS
- REQUIRE AT BOTTOM  
4- WASHERS  
4- NUTS

**NOTE-A:**  
ALL BOLTS, WASHERS & NUTS CALLED OUT ON THIS DRAWING ARE AS FOLLOWS:  
LS8-6B BOLT  
LS403-8B NUT  
LS431-8 6B LOCKWASHER

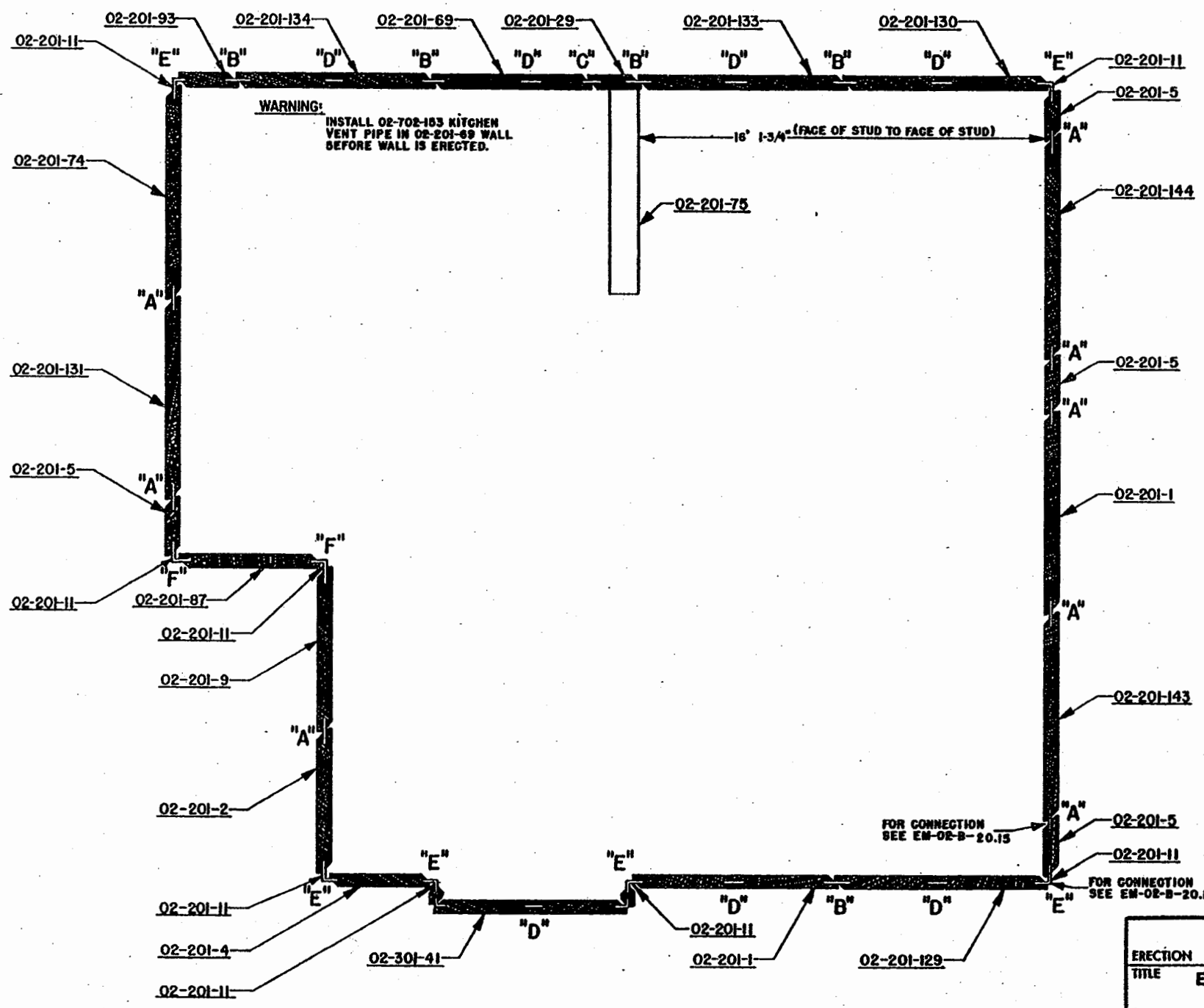
FOR CONNECTION SEE EM 02-B-20.11  
FOR CONNECTION SEE DWG. EM-02-B-20.12.

**NOTE-B:**  
SEE EM-02-B-30.1 FOR SECTION THRU EXTERIOR WALLS.



ERECTION		MANUAL	
TITLE <b>EXTERIOR WALL STRUCTURE WITH ELECTRICAL WIRING</b> ®			
PREPARED BY W. C. G.	DATE 2-22-49	EFF	426 THRU 3000 ®
REVISED 6-3-49	BY R. H. G.	DRAWING NUMBER EM-02-B-20.13	

RELEASE NO. NP-677	DATE 6-3-49
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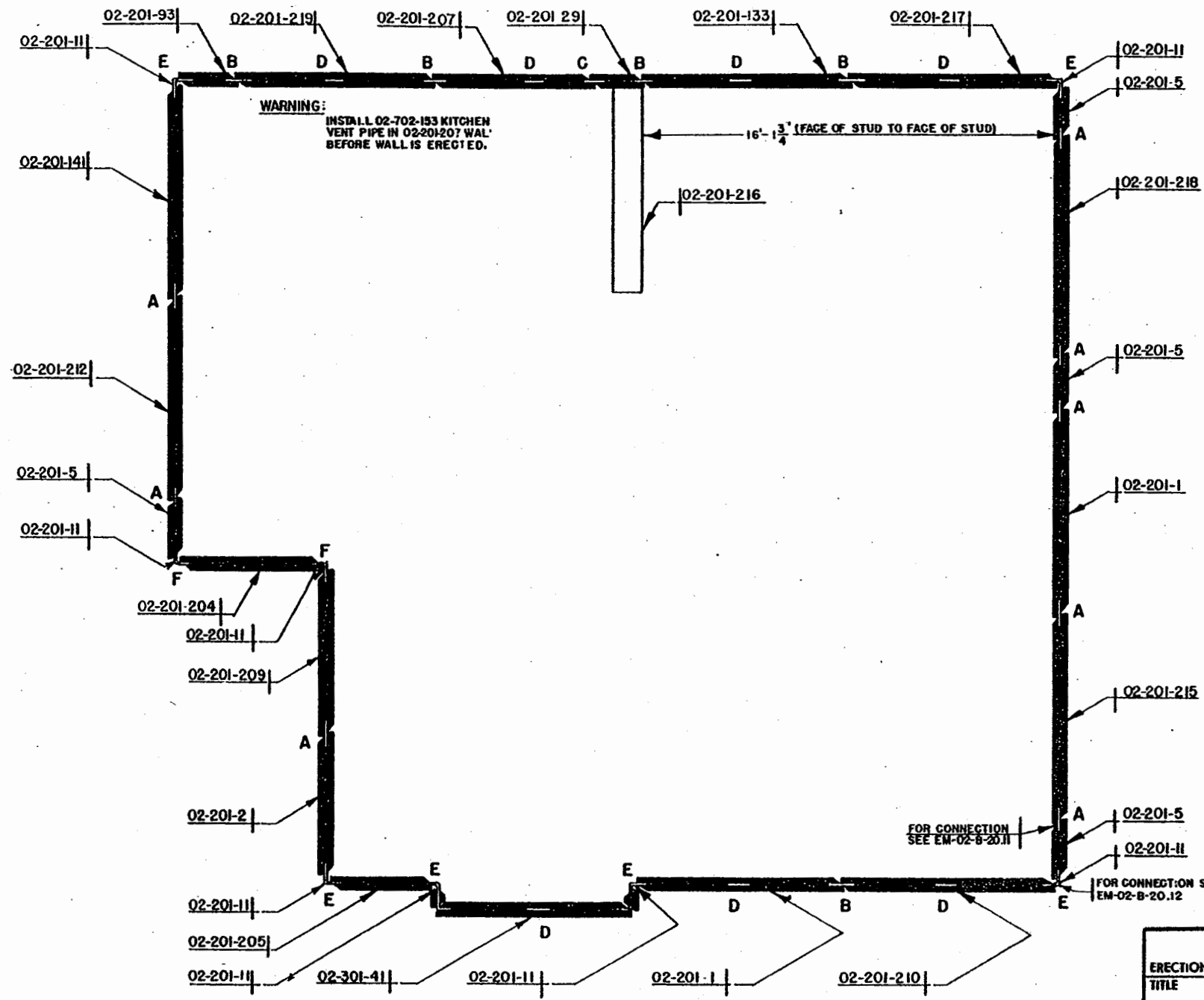


- CONNECTIONS MARKED**
- A- REQUIRE AT TOP**  
 1 02-202-116 PRONG  
 4 - BOLTS  
 4 - WASHERS  
 4 - NUTS
- REQUIRE AT INTERMEDIATE & BOTTOM**  
 1 02-202-18 PRONG  
 4 - BOLTS  
 4 - WASHERS  
 4 - NUTS
- B- REQUIRE AT TOP**  
 1 02-202-116 PRONG  
 2 - BOLTS  
 2 - WASHERS  
 2 - NUTS
- REQUIRE AT INTERMEDIATE & BOTTOM**  
 1 02-202-18 PRONG  
 4 - BOLTS  
 4 - WASHERS  
 4 - NUTS
- C- REQUIRE AT TOP**  
 1 02-202-116 PRONG  
 4 - BOLTS  
 4 - WASHERS  
 4 - NUTS
- REQUIRE AT INTERMEDIATE & BOTTOM**  
 1 02-202-18 PRONG  
 4 - BOLTS  
 4 - WASHERS  
 4 - NUTS
- D- REQUIRE AT TOP**  
 1 02-202-18 PRONG  
 2 - BOLTS  
 2 - WASHERS  
 2 - NUTS
- E- REQUIRE AT TOP**  
 3 - BOLTS  
 3 - WASHERS  
 3 - NUTS
- REQUIRE AT INTERMEDIATE**  
 4 - BOLTS  
 4 - WASHERS  
 4 - NUTS
- REQUIRE AT BOTTOM**  
 4 - BOLTS  
 4 - WASHERS  
 4 - NUTS
- F- REQUIRE AT TOP**  
 4 - BOLTS  
 4 - WASHERS  
 4 - NUTS
- REQUIRE AT INTERMEDIATE**  
 4 - BOLTS  
 4 - WASHERS  
 4 - NUTS
- REQUIRE AT BOTTOM**  
 4 - BOLTS  
 4 - WASHERS  
 4 - NUTS
- NOTE:**  
 ALL BOLTS, WASHERS & NUTS CALLED OUT ON THIS DRAWING ARE AS FOLLOWS.  
 L39-168 BOLT  
 L3403-98 NUT  
 L3431-616 B LOCKWASHER



ERECTION		MANUAL
TITLE <b>EXTERIOR WALL STRUCTURE WITH ELECTRICAL WIRING</b>		
PREPARED BY R. L. S.	DATE 9-9-49	EFF. 2601 & SUB. DRAWING NUMBER <b>EM-02-B-20.14</b>

THIS PAGE SUPERSEDES  
 EM-02-B-20.13 AT  
 HOUSE NO. 2601.



**WARNING:**  
 INSTALL 02-702-153 KITCHEN  
 VENT PIPE IN 02-201-207 WALL  
 BEFORE WALL IS ERECTED.

**CONNECTIONS MARKED**

- A - REQUIRE AT TOP**  
 1-02-202-116 PRONG  
 4 - BOLTS  
 4 - WASHERS  
 4 - NUTS
- REQUIRE AT INTERMEDIATE**  
 1-02-202-18 PRONG  
 4 - BOLTS  
 4 - WASHERS  
 4 - NUTS
- B - REQUIRE AT TOP**  
 1-02-202-116 PRONG  
 2 - BOLTS  
 2 - WASHERS  
 2 - NUTS
- REQUIRE AT INTERMEDIATE**  
 1-02-202-18 PRONG  
 4 - BOLTS  
 4 - WASHERS  
 4 - NUTS
- C - REQUIRE AT TOP**  
 1-02-202-116 PRONG  
 4 - BOLTS  
 4 - WASHERS  
 4 - NUTS
- REQUIRE AT INTERMEDIATE**  
 1-02-202-18 PRONG  
 4 - BOLTS  
 4 - WASHERS  
 4 - NUTS
- D - REQUIRE AT TOP**  
 1-02-202-18 PRONG  
 2 - BOLTS  
 2 - WASHERS  
 2 - NUTS
- E - REQUIRE AT TOP**  
 3 - BOLTS  
 3 - WASHERS  
 3 - NUTS
- REQUIRE AT INTERMEDIATE**  
 4 - BOLTS  
 4 - WASHERS  
 4 - NUTS
- REQUIRE AT BOTTOM**  
 4 - WASHERS  
 4 - NUTS
- F - REQUIRE AT TOP**  
 4 - BOLTS  
 4 - WASHERS  
 4 - NUTS
- REQUIRE AT INTERMEDIATE**  
 4 - BOLTS  
 4 - WASHERS  
 4 - NUTS
- REQUIRE AT BOTTOM**  
 4 - WASHERS  
 4 - NUTS

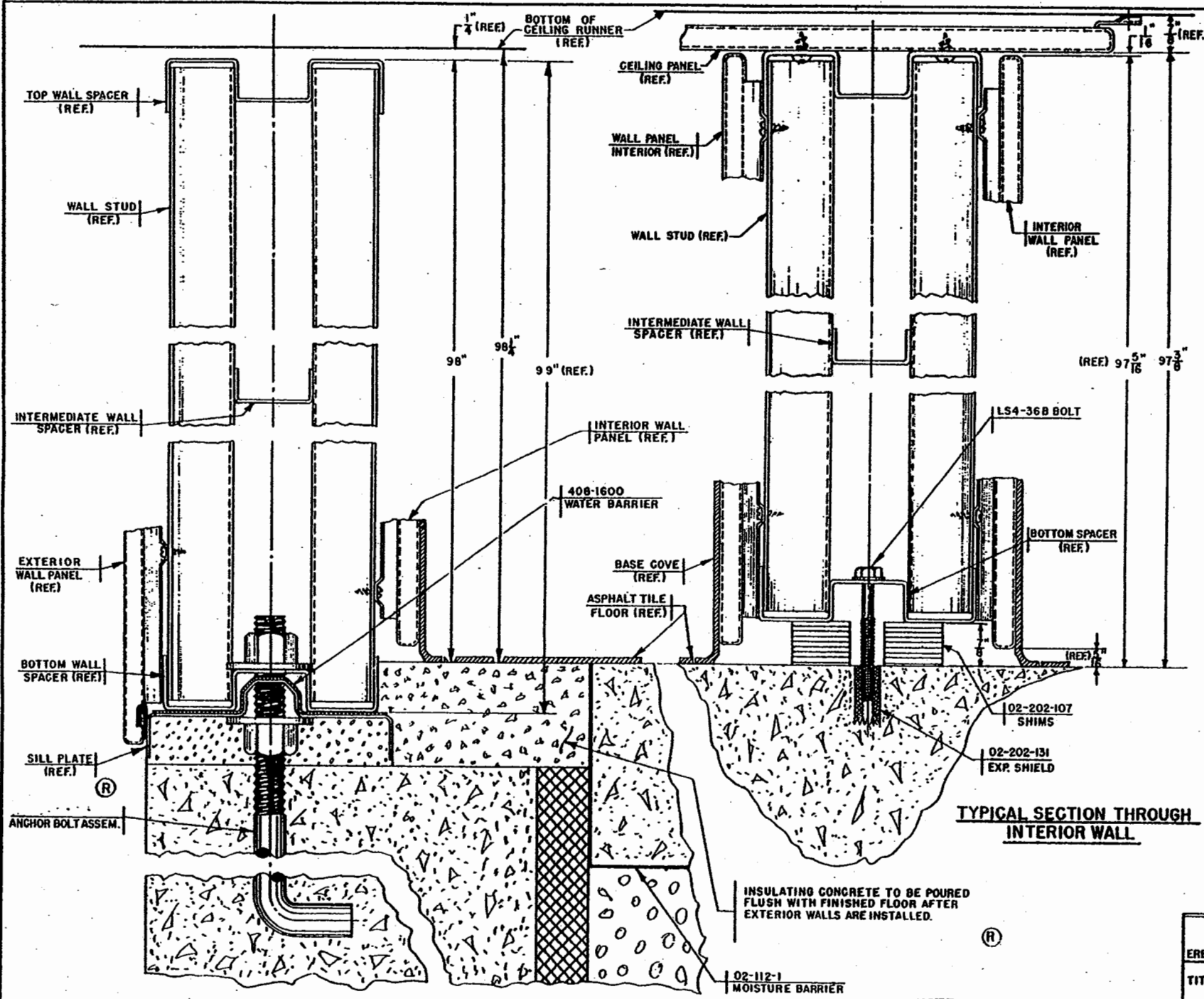
**NOTE-A:**  
 ALL BOLTS, WASHERS & NUTS  
 CALLED OUT ON THIS DRAWING  
 ARE AS FOLLOWS:  
 LS 8-16B BOLT  
 LS 403-8B NUT  
 LS 431-816B LOCKWASHER

**NOTE-B:**  
 SEE EM-02-B-30.1 FOR  
 SECTION THRU EXTERIOR  
 WALLS.

ERECTOR		MANUAL	
TITLE EXTERIOR WALL STRUCTURE WITHOUT ELECTRICAL WIRING			
PREPARED BY R.H.G.	DATE 6-1-49	EFF. 751 THRU 3000 DRAWING NUMBER EM-02-B-21.1	



REL. NO.	DATE
NP-712	7-14-49
NP-728	7-28-49



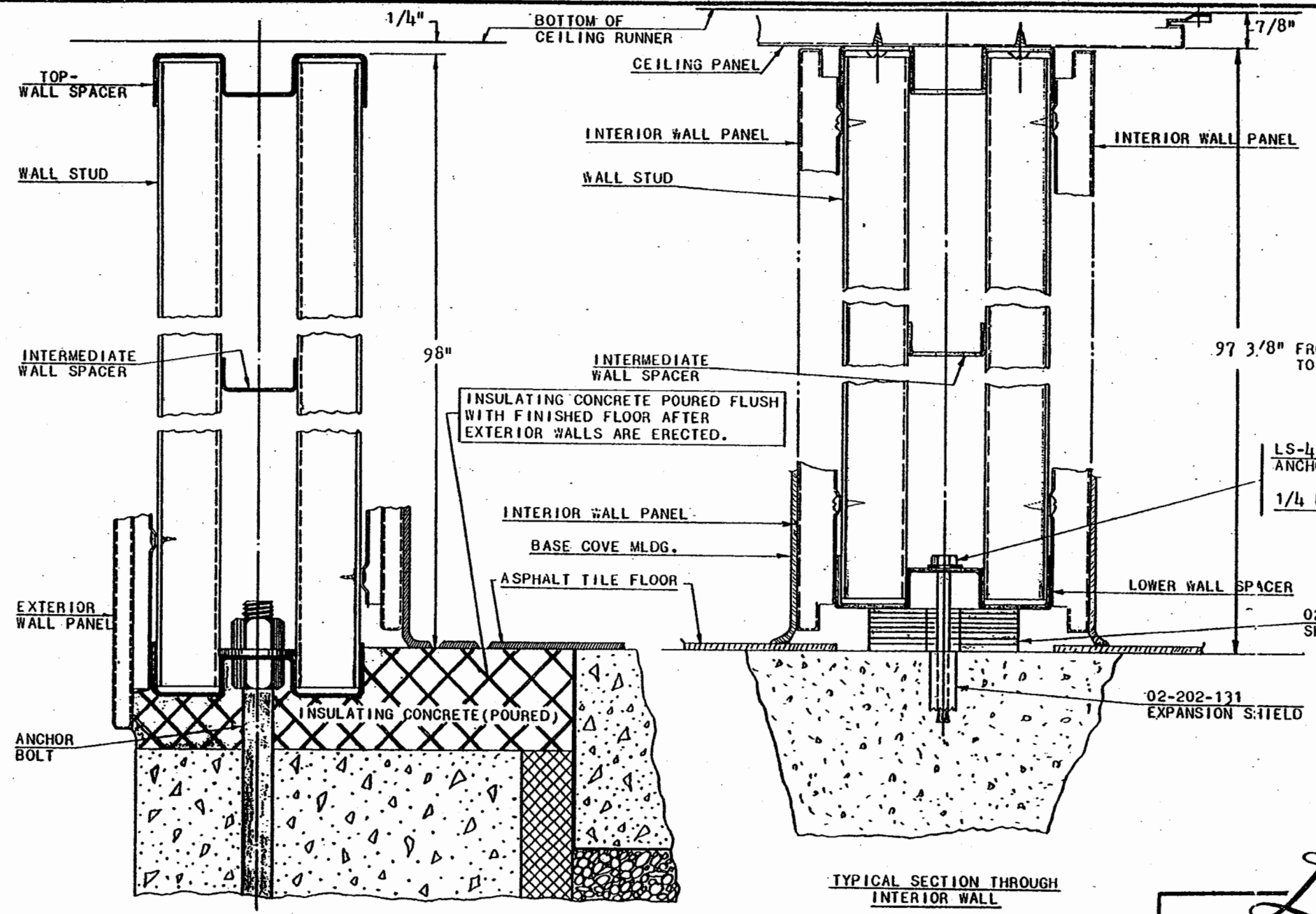
TYPICAL SECTION THROUGH EXTERIOR WALL

TYPICAL SECTION THROUGH INTERIOR WALL

NOTE:  
THIS PAGE SUPERSEDES  
EM-02-  
B-30.1 (R)



ERECTION		MANUAL	
TITLE: INTERIOR-EXTERIOR WALLS- SECTIONS THROUGH			
PREPARED BY R. L. S.	DATE 7-14-49	EFF. 1201 & SUB.	
REVISOR R.L.S.	DATE 7-28-49	DRAWING NUMBER EM-02-B-31.1	



INSULATING CONCRETE POURED FLUSH WITH FINISHED FLOOR AFTER EXTERIOR WALLS ARE ERECTED.

TYPICAL SECTION THROUGH EXTERIOR WALL

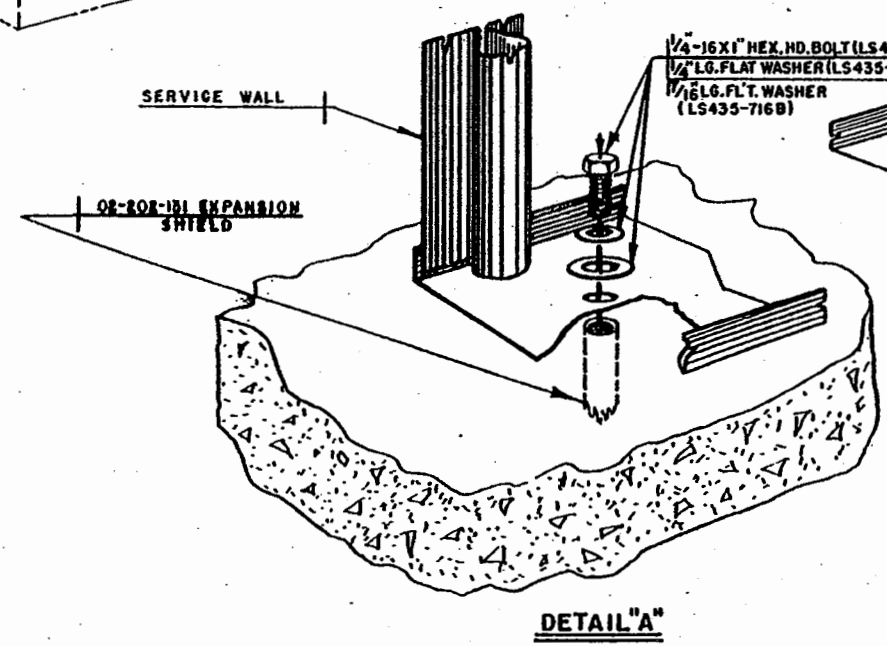
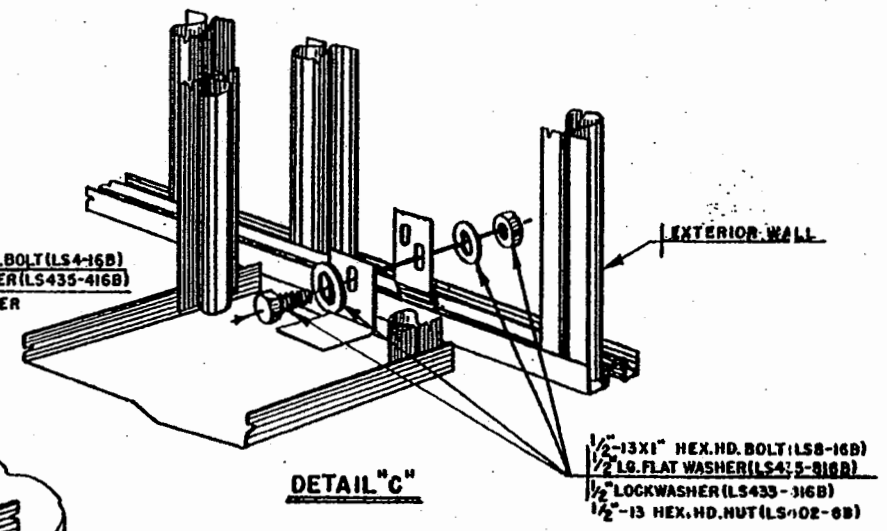
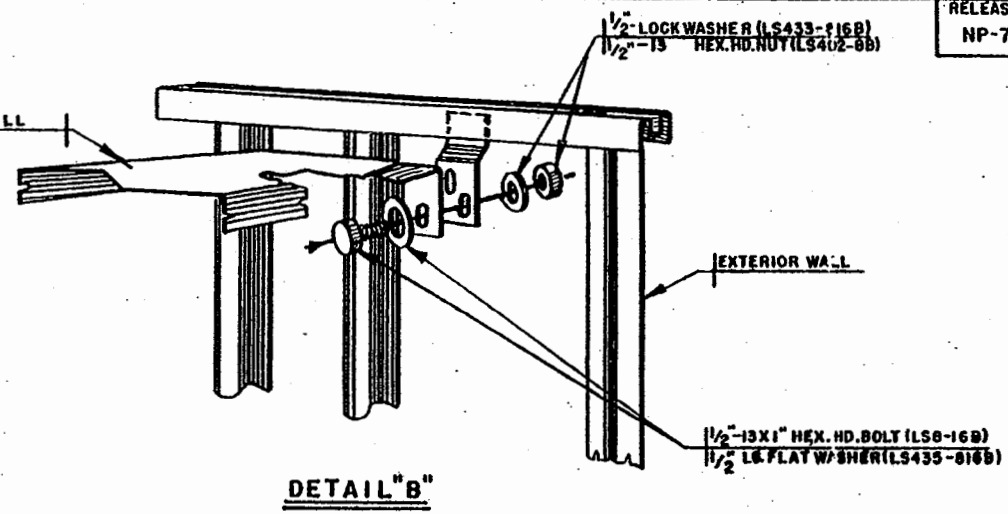
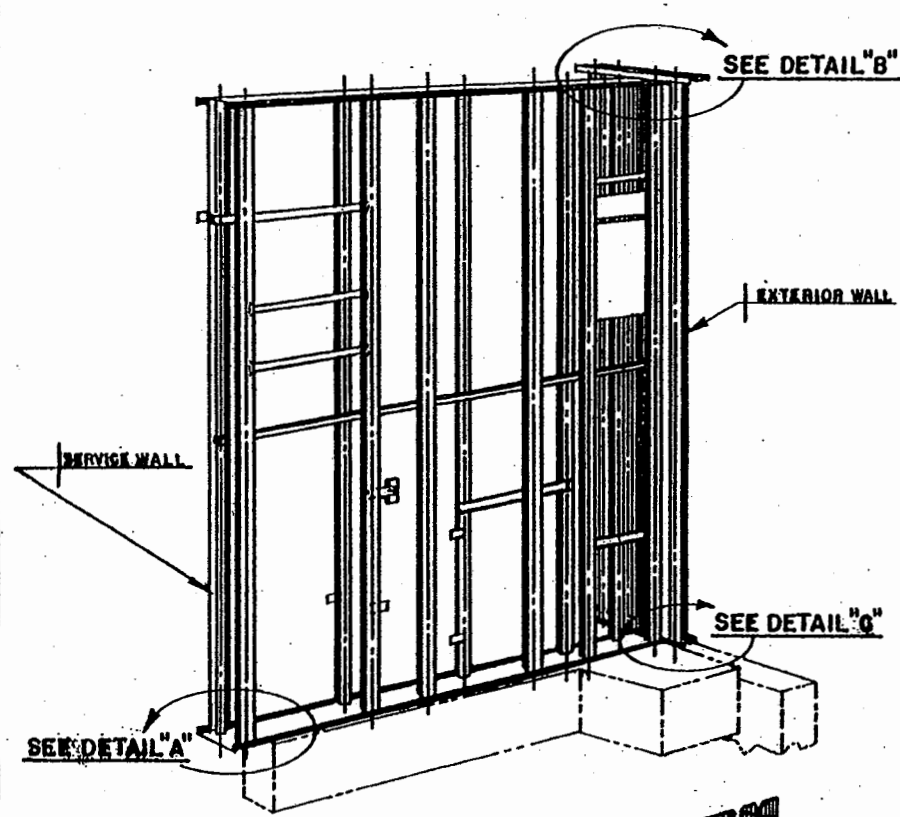
TYPICAL SECTION THROUGH INTERIOR WALL

NOTE: THIS PAGE SUPERSEDES EM-02-B-31.1 AT HOUSE #2601



ERECTION	MANUAL	
TITLE	TYPICAL SECTIONS- THROUGH INTERIOR & EXTERIOR WALLS	
PREPARED BY	DATE	EFF. 2601 & UP
REL	11-12-49	
		DRAWING NUMBER
		EM-02-B-32.1

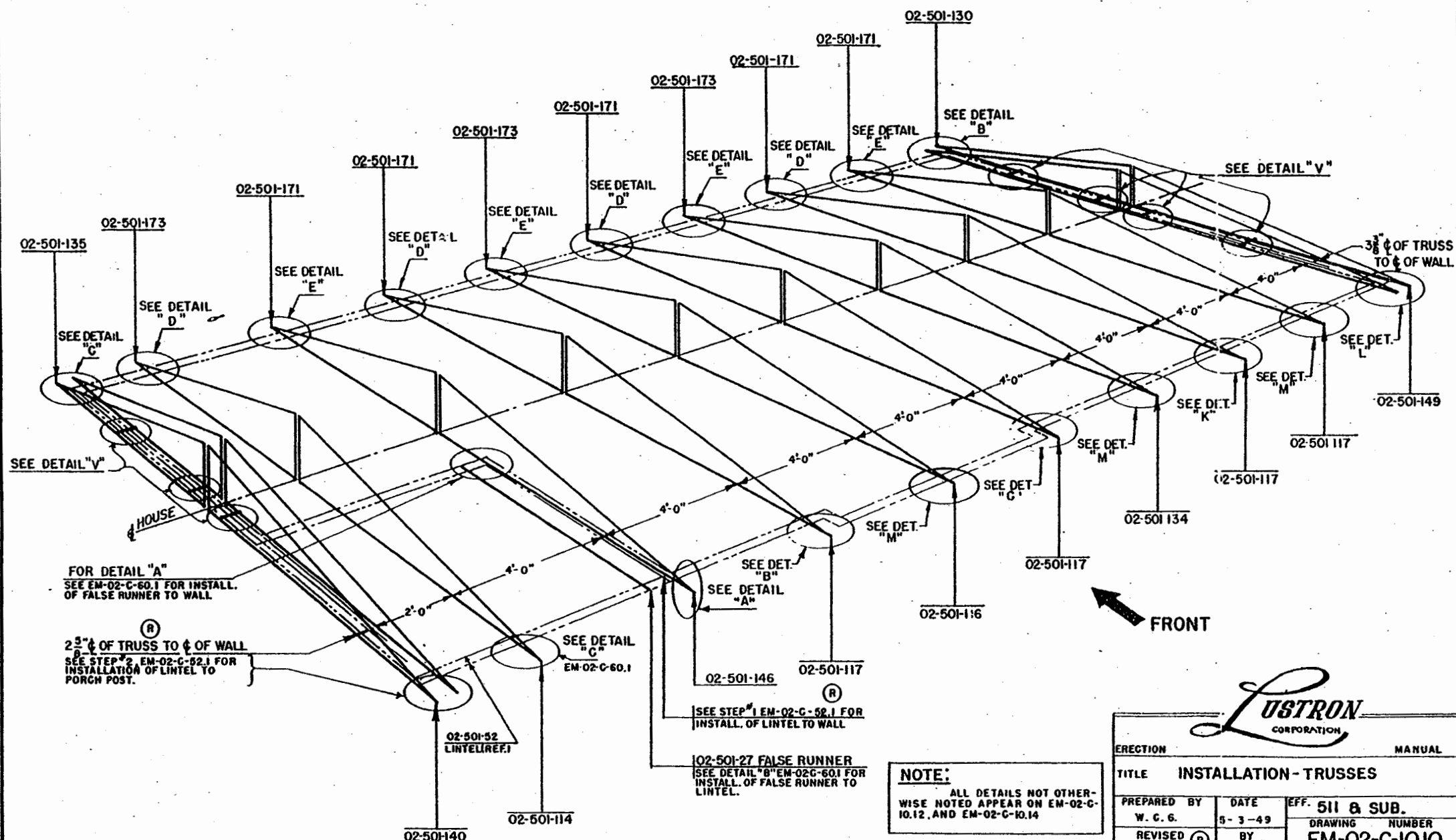




NOTE: ALL VIEWS TAKEN FROM BATH ROOM SIDE.

<b>LUSTRON</b> CORPORATION		ERECTION MANUAL	
TITLE    INSTALLATION-SERVICE WALL			
PREPARED BY	DATE	EFF. 2001 B SUB.	
W. G. G.	7-14-49	DRAWING NUMBER	
		EM-02-B-40.1	

RELEASE NO. NP-658	DATE 5-3-49
NP-698	6-22-49



FOR DETAIL "A"  
SEE EM-02-C-60.1 FOR INSTALL.  
OF FALSE RUNNER TO WALL.

(R)  
2 3/8"  $\phi$  OF TRUSS TO  $\phi$  OF WALL  
SEE STEP 2, EM-02-C-52.1 FOR  
INSTALLATION OF LINTEL TO  
PORCH POST.

SEE STEP 1, EM-02-C-52.1 FOR  
INSTALL. OF LINTEL TO WALL

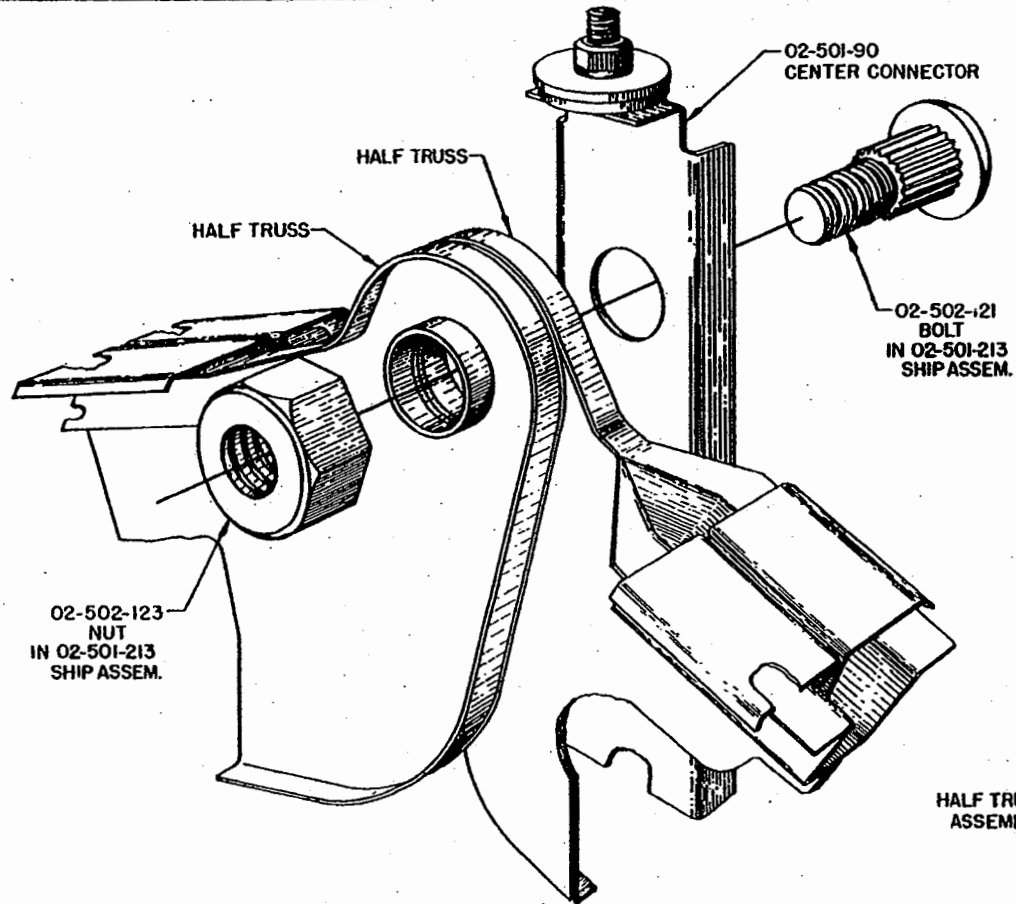
02-501-27 FALSE RUNNER  
SEE DETAIL "B" EM-02-C-60.1 FOR  
INSTALL. OF FALSE RUNNER TO  
LINTEL.

**NOTE:**  
ALL DETAILS NOT OTHER-  
WISE NOTED APPEAR ON EM-02-C-  
10.12, AND EM-02-C-10.14

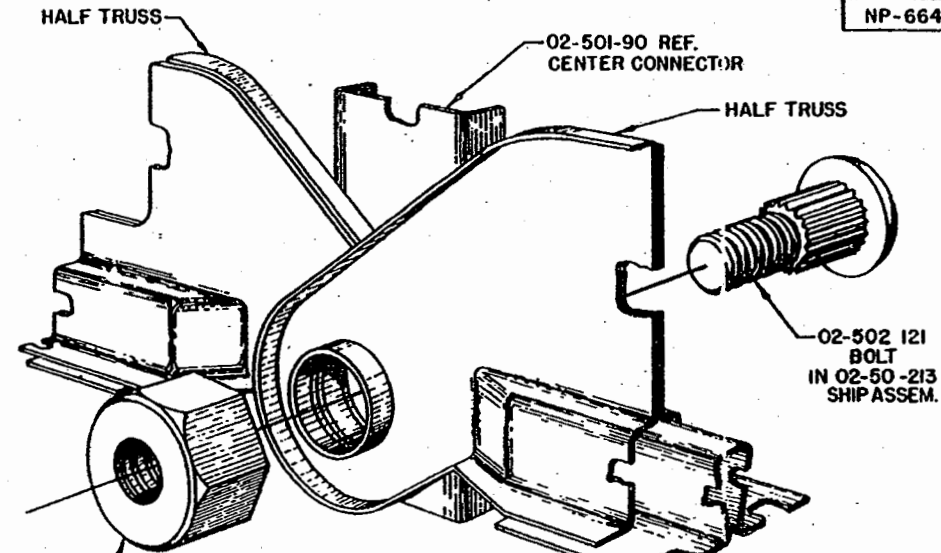


ERECTION		MANUAL	
TITLE <b>INSTALLATION - TRUSSES</b>			
PREPARED BY W. C. G.	DATE 5-3-49	EFF. <b>511 &amp; SUB.</b>	
REVISED 6-22-49	BY J B R	DRAWING NUMBER <b>EM-02-C-10.10</b>	

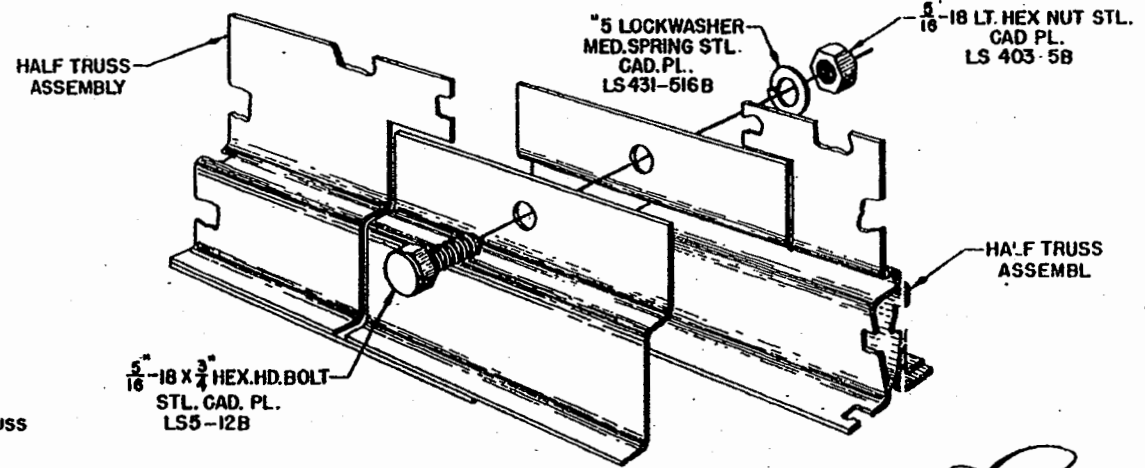
RELEASE NO.	DATE
NP-329	1-20-49
NP-664	5-19-49



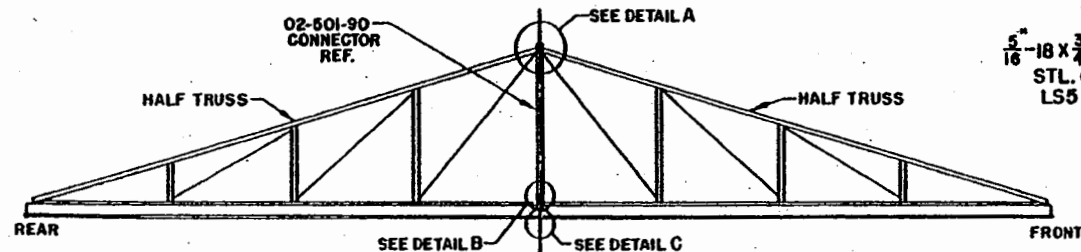
**DETAIL A.**



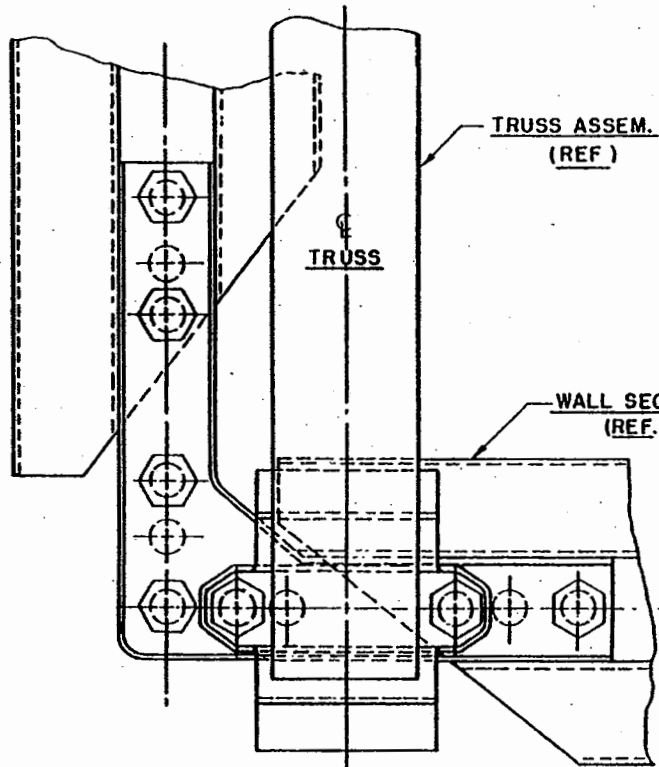
**DETAIL B.**



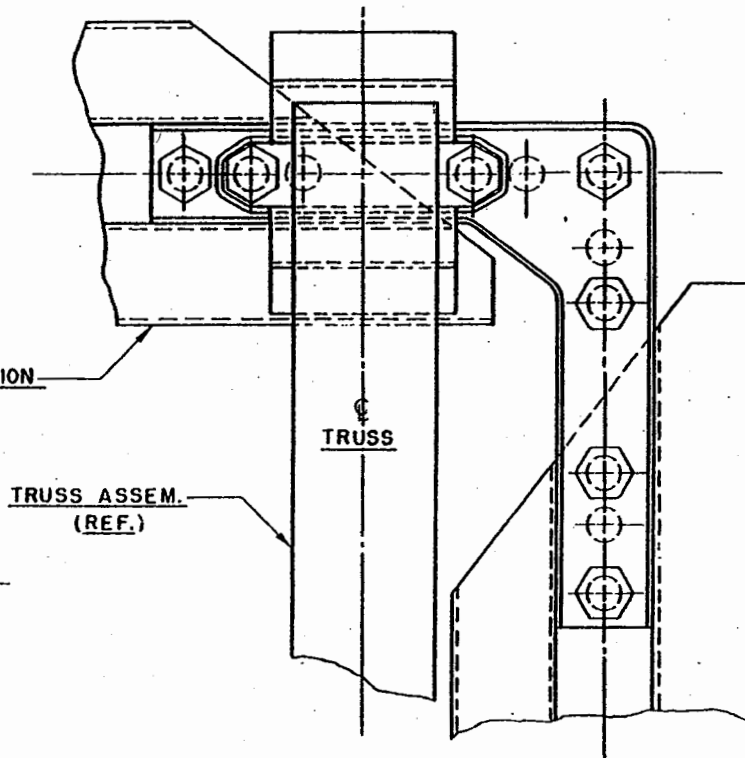
**DETAIL C.**



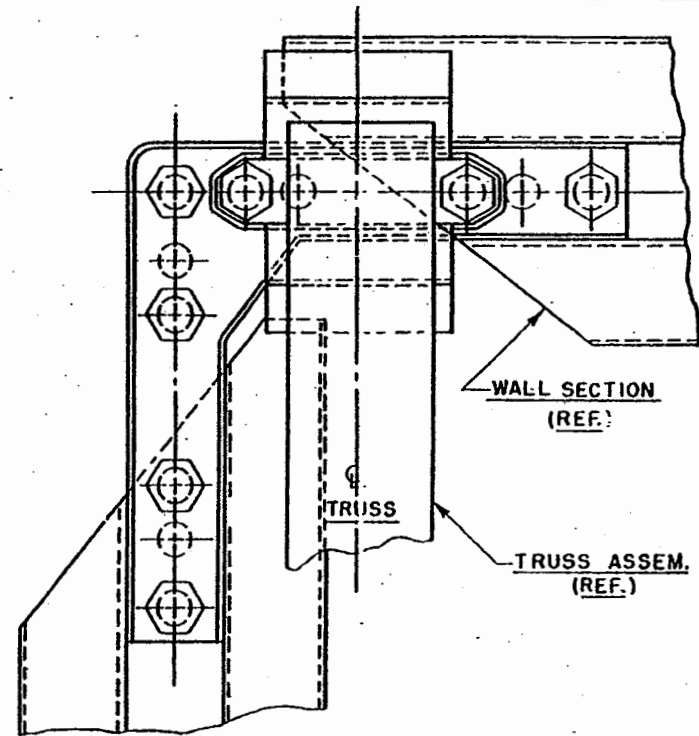
ERECTION		MANUAL
TITLE HALF TRUSS ASSEMBLY DETAILS		
PREPARED BY G.E.	DATE 5-19-49	EFF. 11 & SUB
		DRAWING NUMBER EM-02-G-10.11



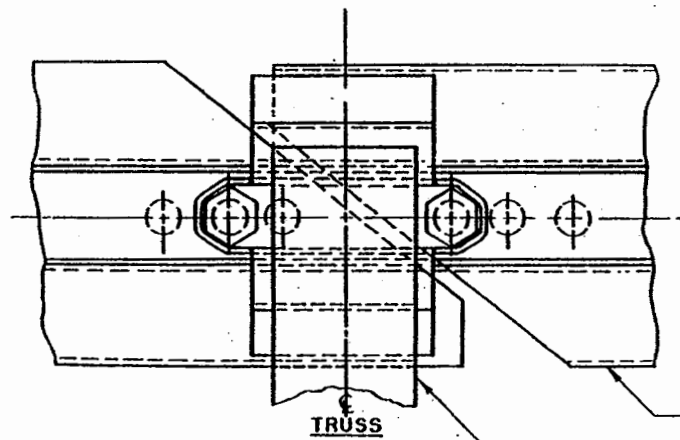
DETAIL A



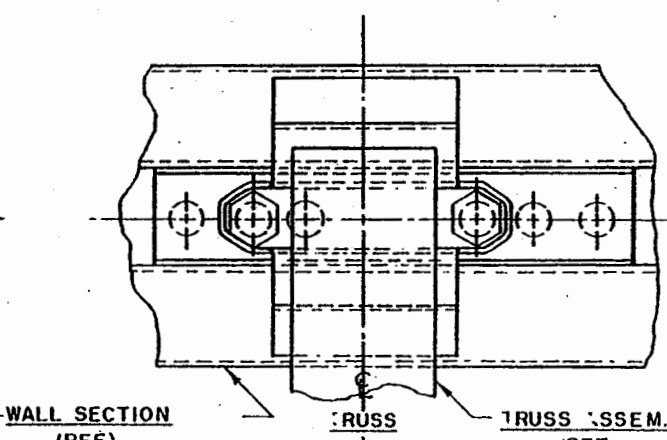
DETAIL B



DETAIL C



DETAIL D

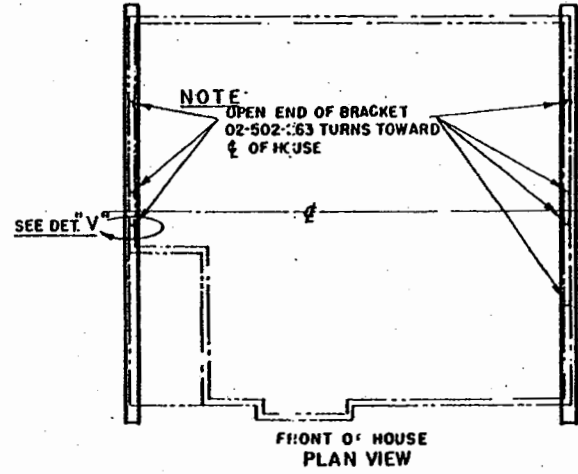
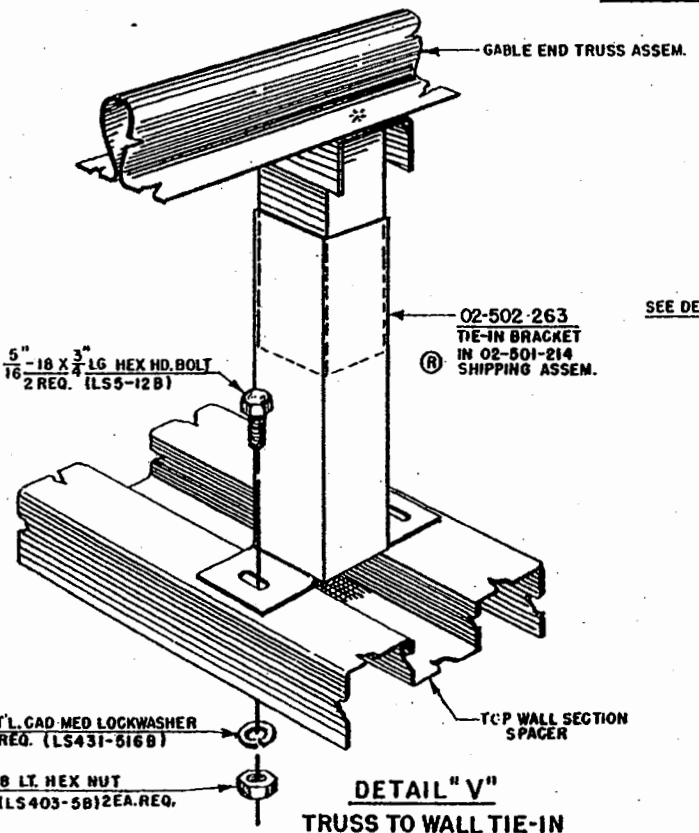
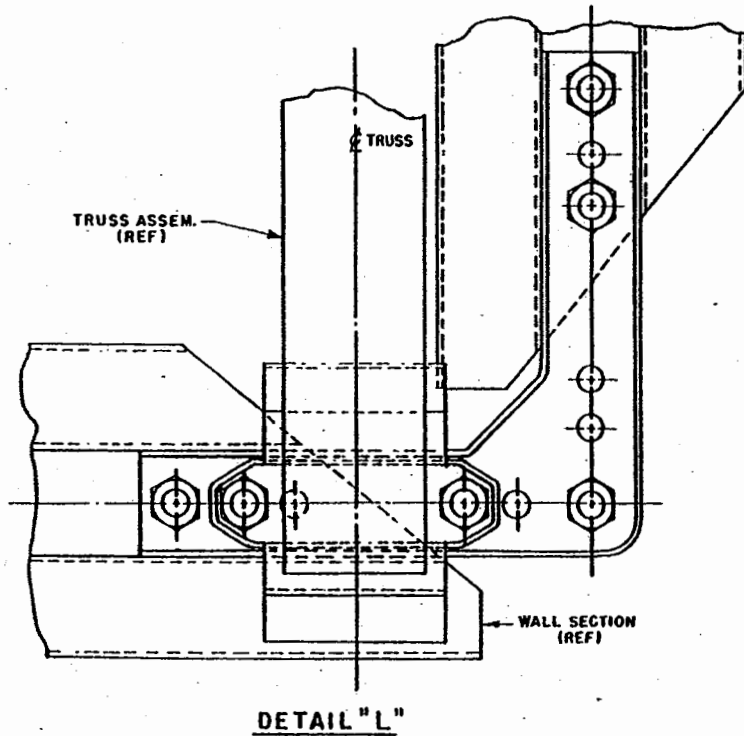
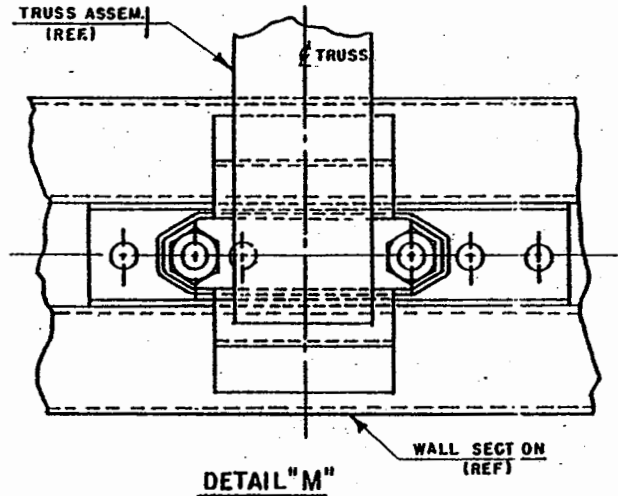
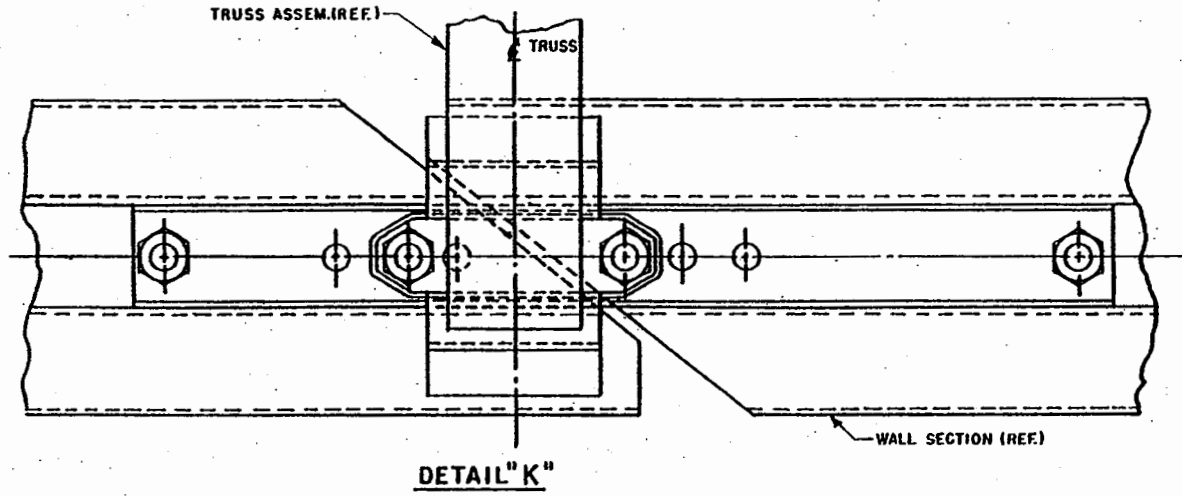


DETAIL E



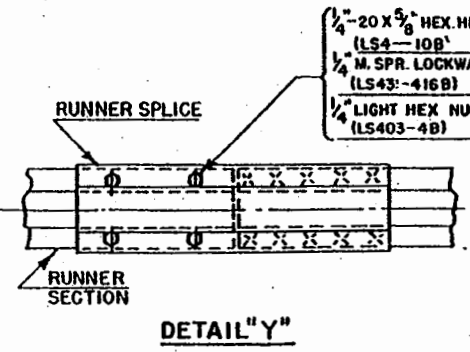
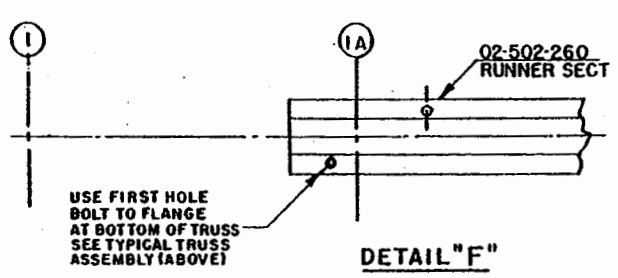
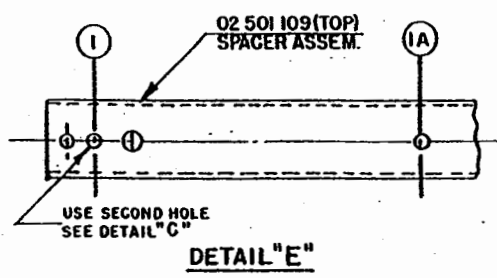
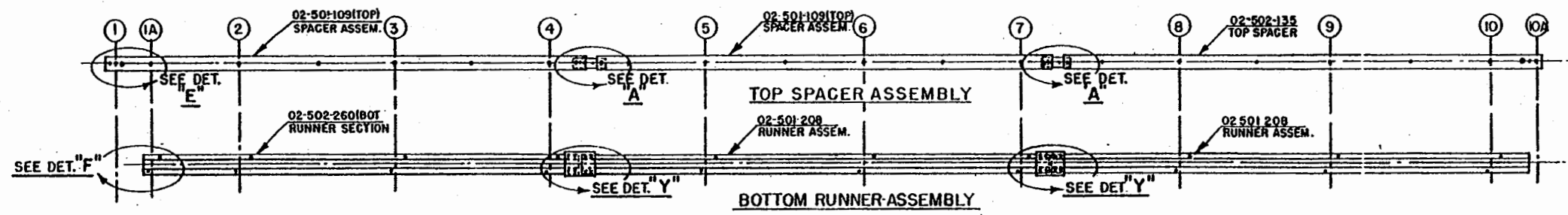
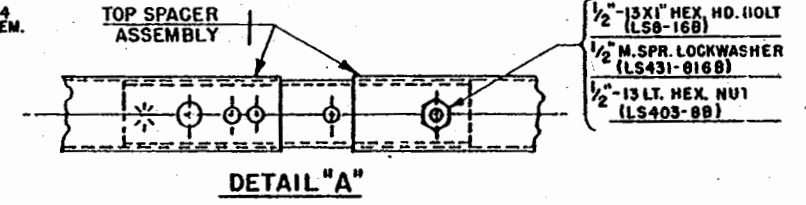
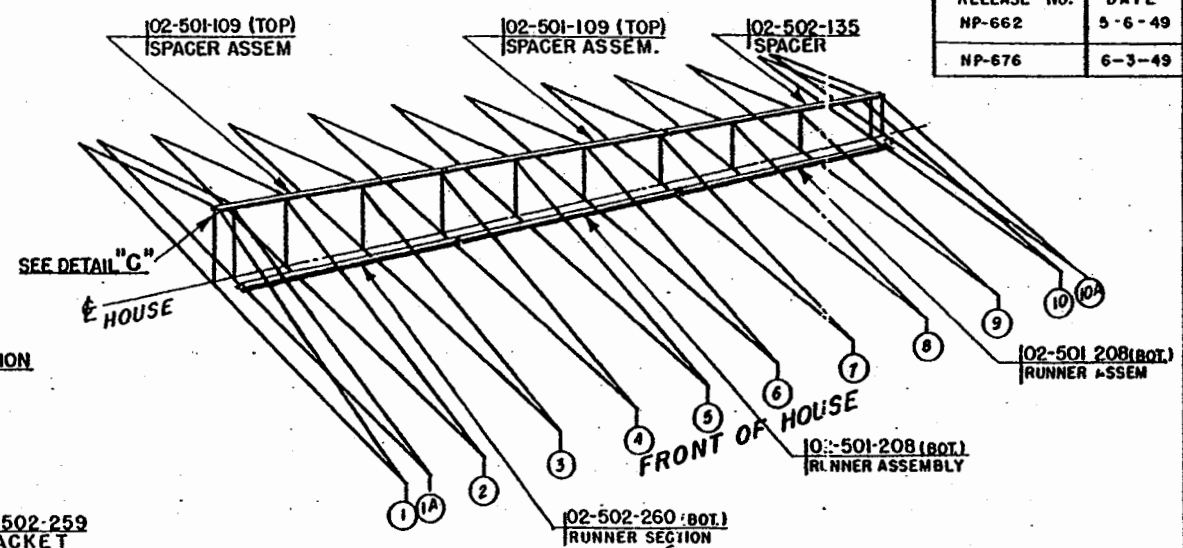
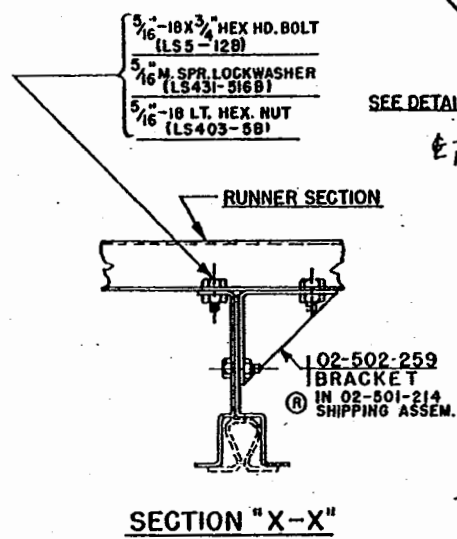
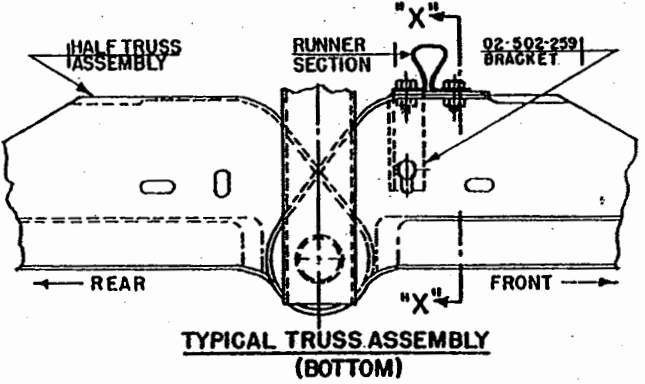
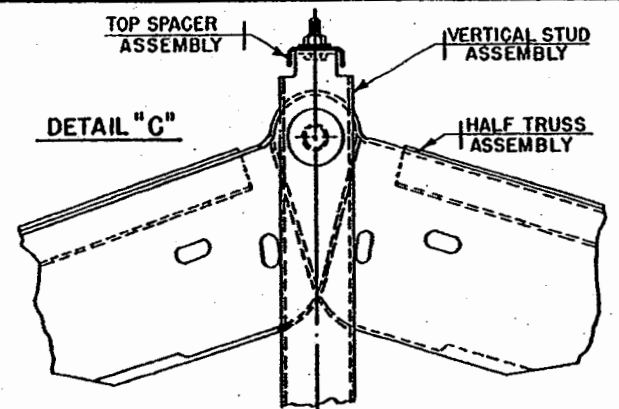
ERECTION	MANUAL	
TITLE	TRUSS TO WALL INSTALLATION DETAILS	
PREPARED BY R.H.C.	DATE 12-16-48	EFF. 11 & SUBS.
REOR BY PT.	3-28-49	DRAWING NUMBER EM-02-C-10.12

RELEASE NO	DATE
NP-656	4-29-49
NP-676	6-3-49

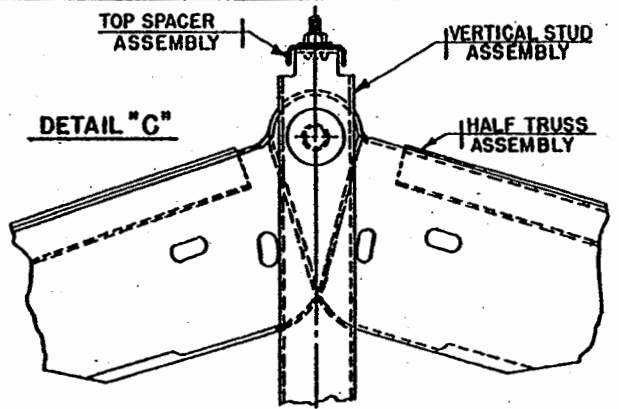


		ERECTION		MANUAL
		TITLE TRUSS TO WALL INSTAL. DETAILS		
PREPARED BY	W. C. G.	DATE	4-29-49	EFF. 511 & SUB.
REVISED	6-3-49	BY	R. L. S.	DRAWING NUMBER EM-02C-10.14

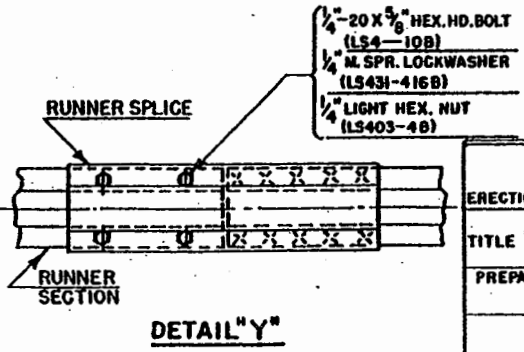
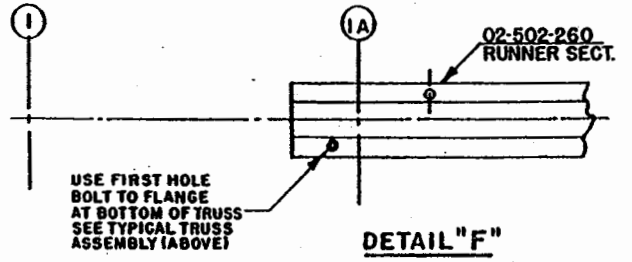
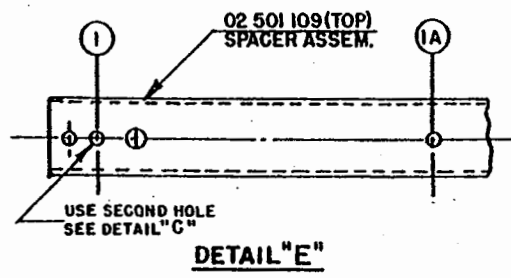
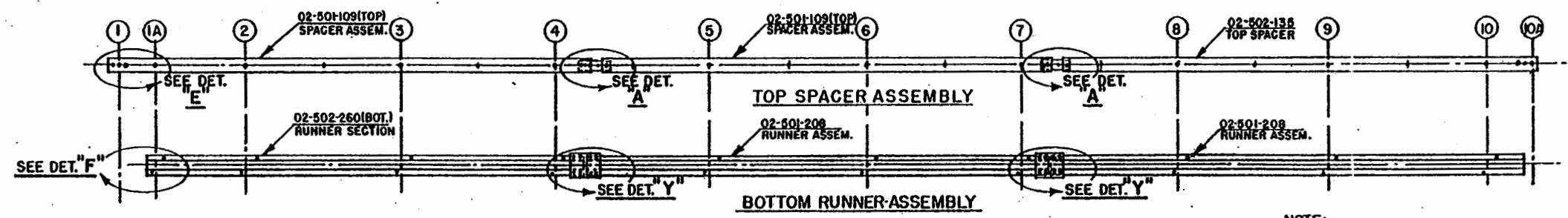
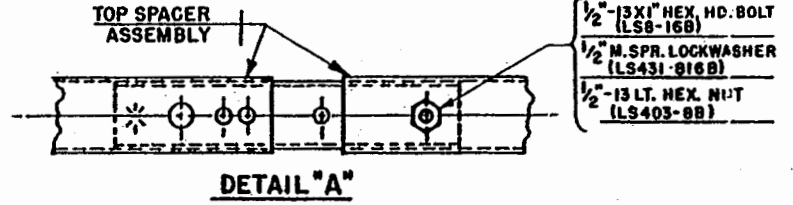
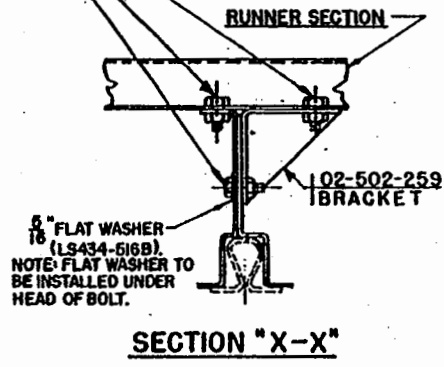
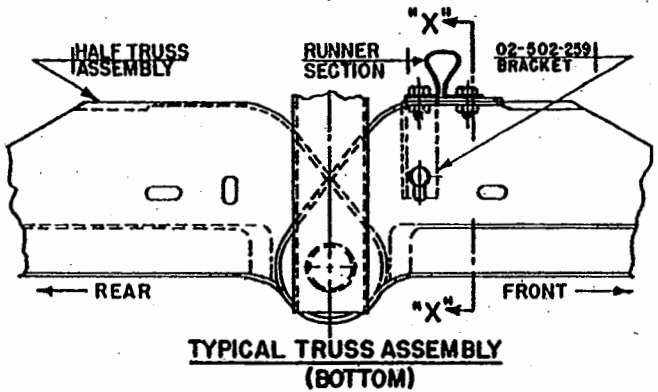
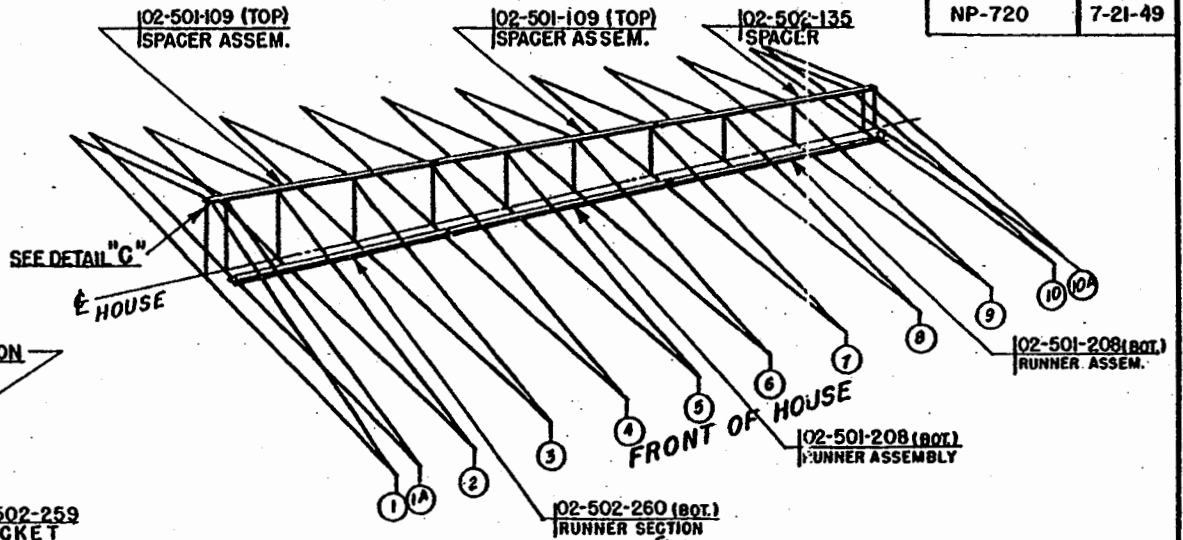
RELEASE NO.	DATE
NP-662	5-6-49
NP-676	6-3-49



ERECTION		MANUAL	
TITLE INSTALLATION-TOP & BOTTOM TRUSS SPACERS & DETAILS			
PREPARED BY WCG	DATE 5-6-49	EFF.	511 & SUBS.
REVISOR 6-3-49	R.L.S.	DRAWING NUMBER EM-02-C-21.1	



- 5/16" - 18 X 3/4" HEX. HD. BOLT (LS9-12B)
- 5/16" M. SPR. LOCKWASHER (LS431-816B)
- 5/16" - 18 LT. HEX. NUT (LS403-8B)

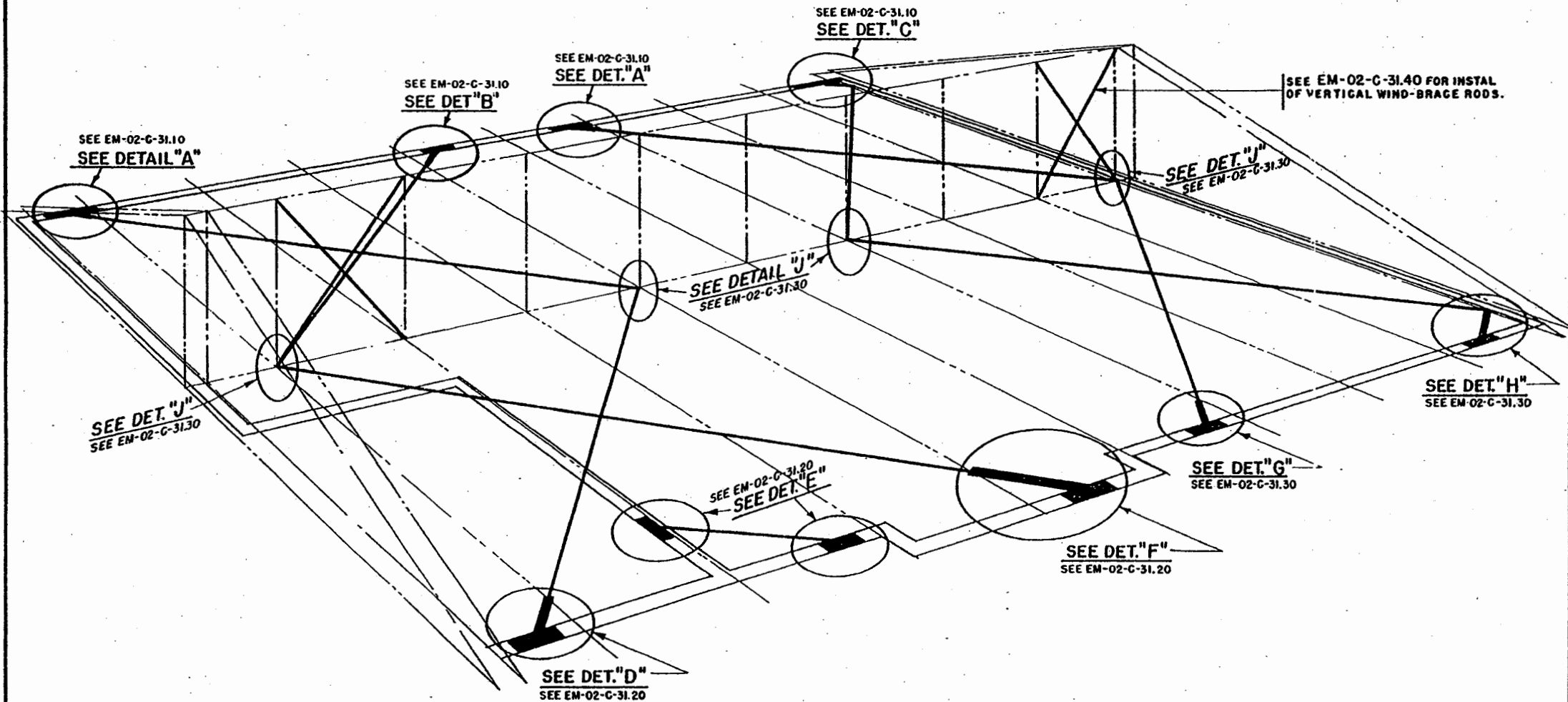


NOTE: THIS PAGE SUPERSEDES EM-02-C-21.1 AT HOUSE 2001.



ERECTION		MANUAL	
TITLE <b>INSTALLATION-TOP &amp; BOTTOM TRUSS SPACERS &amp; DETAILS</b>			
PREPARED BY G.E.	DATE 7-21-49	EFF. 2001 & SUBS.	DRAWING NUMBER EM-02-C-22.1

RELEASE NO NP-663	DATE 5-10-49
NP-676	6-3-49



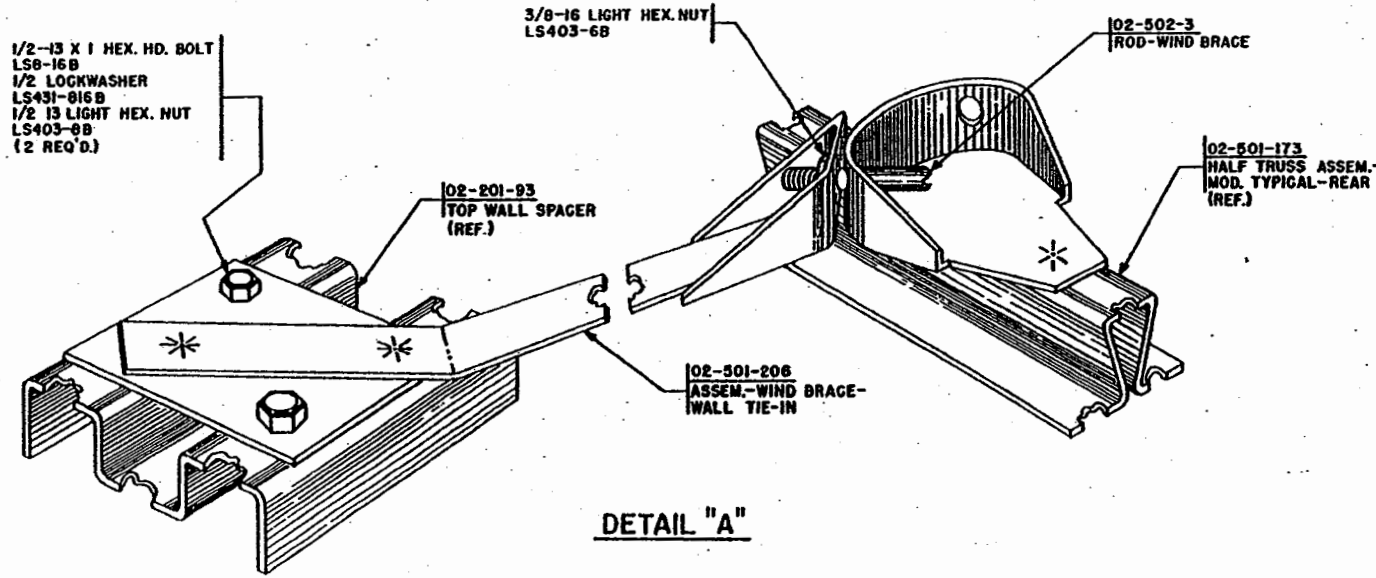
NOTE: <sup>®</sup>  
 ALL HORIZONTAL BRACE RODS  
 ARE 02-502-3 (8 REQ'D.)  
 ALL VERTICAL BRACE RODS  
 ARE 02-502-122 (4 REQ'D.)



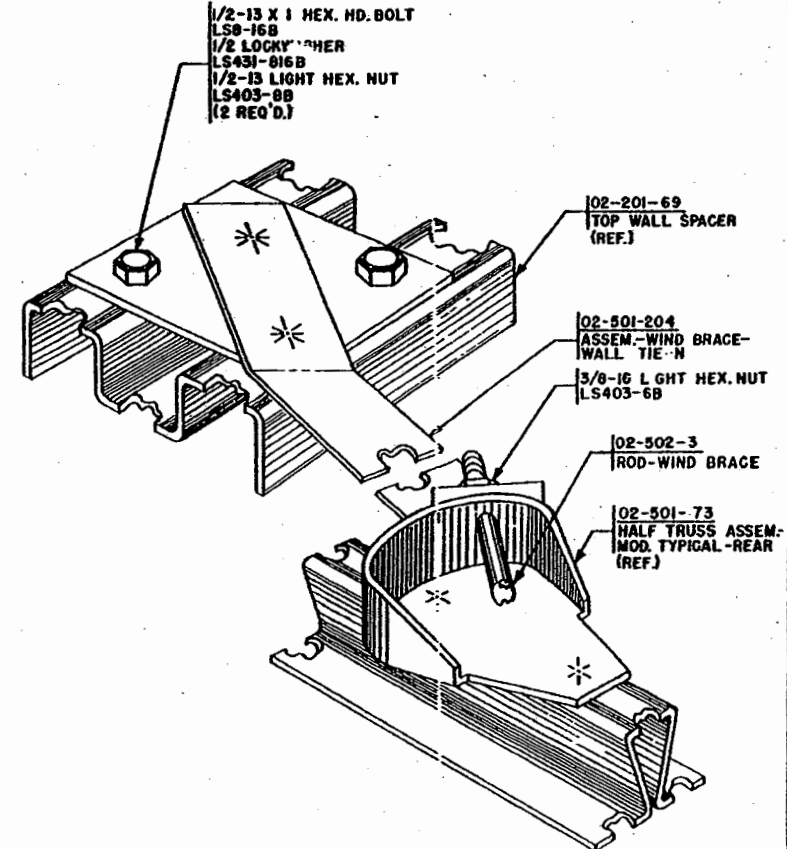
ERECTION		MANUAL	
TITLE TRUSS WIND BRACE-INSTALLATION			
PREPARED BY W. C. G.	DATE 5-9-49	EFF. 511 & SUB.	
REVISOR R.L.S.	DATE 6-3-49	DRAWING NUMBER EM-02-C-31.1	



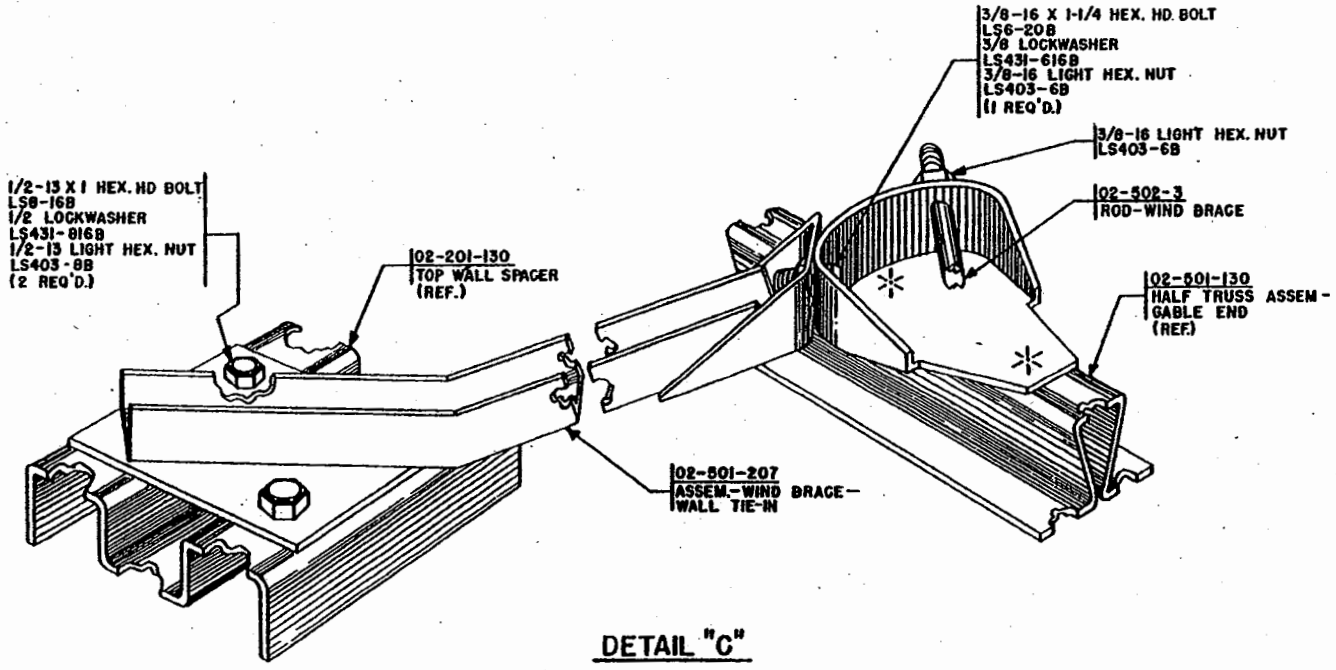
RELEASE NO.	DATE
NP-663	5-10-49
NP-676	6-3-49



**DETAIL "A"**



**DETAIL "B"**



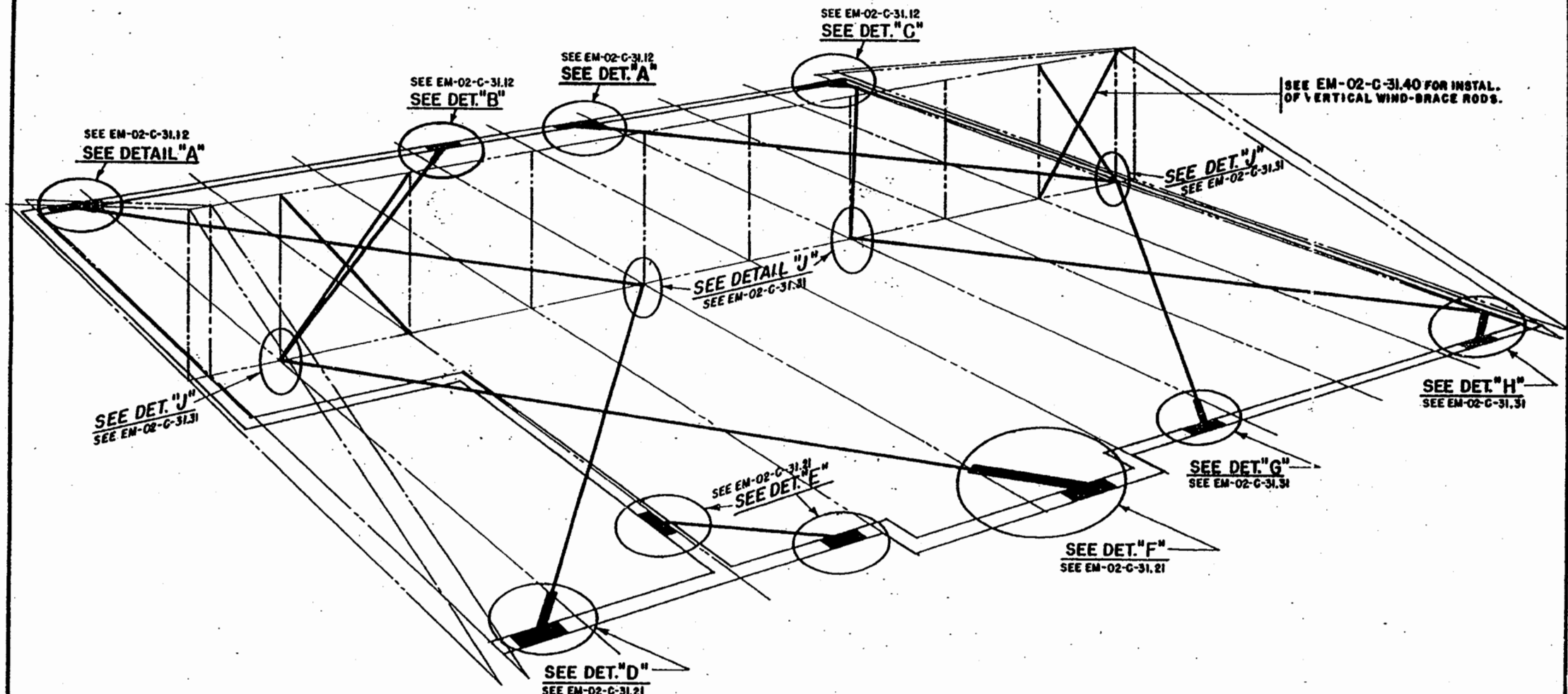
**DETAIL "C"**

**NOTE:**  
 ALL WIND BRACE-WALL TIE-IN  
 ASSEMBLIES ARE SHIPPED  
 IN 02-471-214 SHIPPING ASSEM.



ERECTION		MANUAL
TITLE		
DETAILS-TRUSS-WIND BRACE & WALL TIE-IN		
PREPARED BY	DATE	EFF. 511 & SUB.
R. L. S.	5-10-49	
REVISED		DRAWING NUMBER
6-3-49	R.L.S.	EM-02-C-31.10

RELEASE NO.	DATE
NP-738	8-17-49

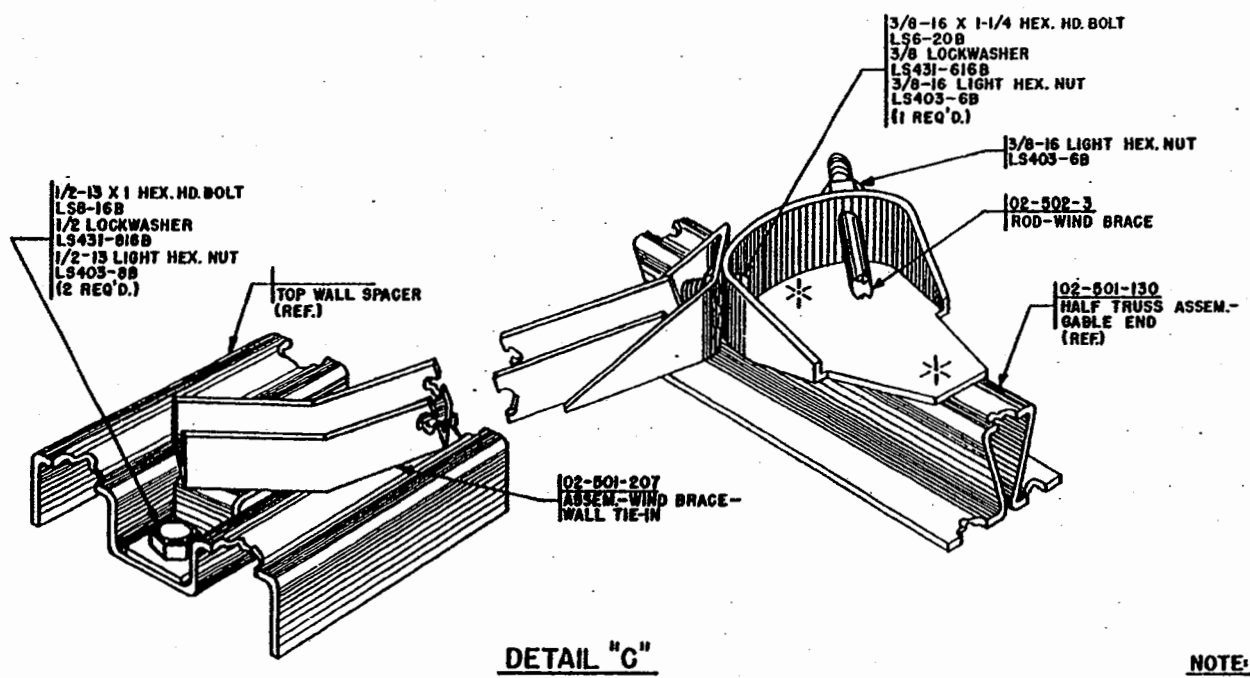
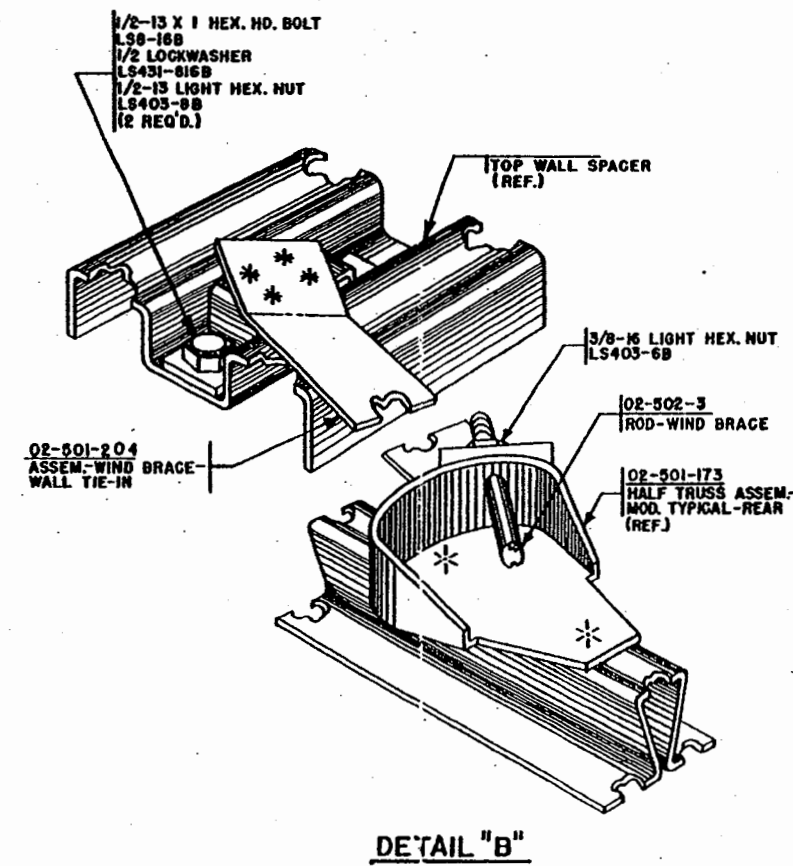
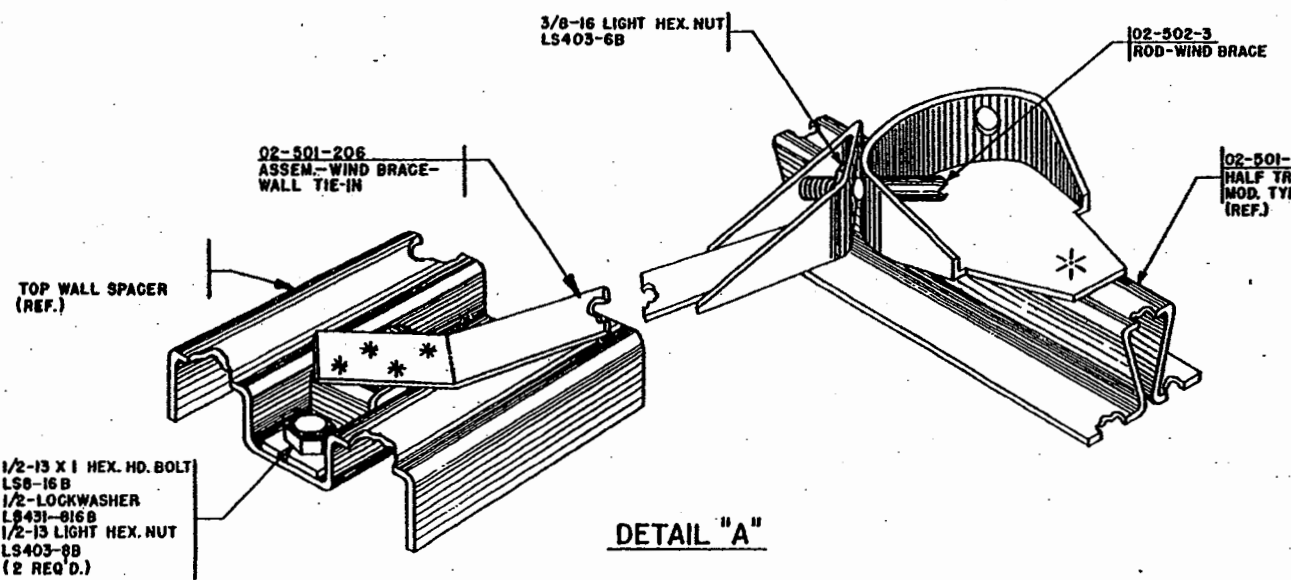


**NOTE:**  
 ALL HORIZONTAL BRACE RODS  
 ARE 02-502-3 (8 REQ'D.)  
 ALL VERTICAL BRACE RODS  
 ARE 02-502-122 (4 REQ'D.)

**NOTE:**  
 THIS PAGE SUPERSEDES  
 EM-02-C-31.1 AT  
 HOME NO. 2001.



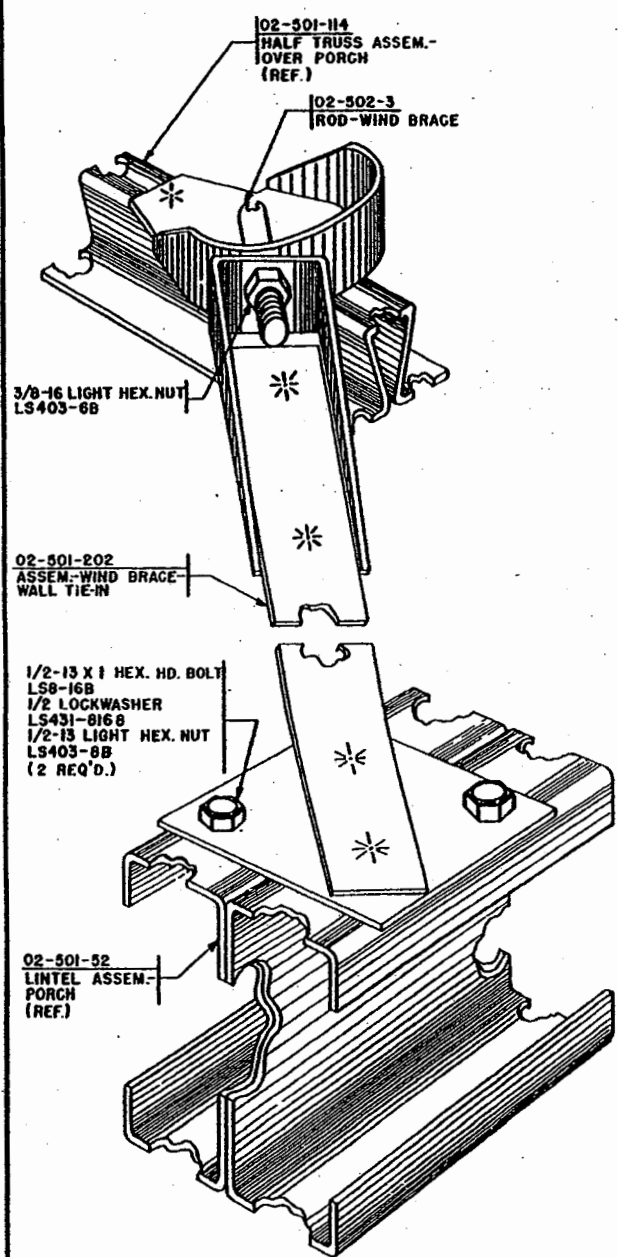
ERECTION		MANUAL
TITLE TRUSS WIND BRACE-INSTALLATION		
PREPARED BY R. L. S.	DATE 8-17-49	EFF. 2001 & SUB. DRAWING NUMBER EM-02-C-31.11



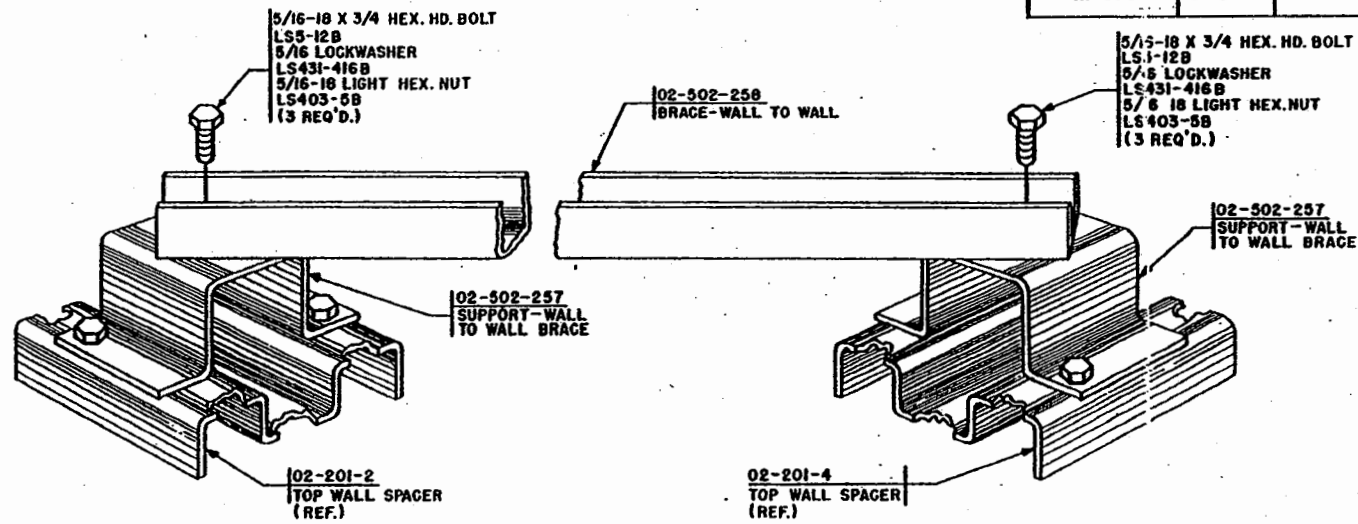
**NOTE:**  
THIS PAGE SUPERSEDES  
EM-02-C-31.10 AT  
HOME NO. 2001.

**LUSTRON**  
CORPORATION

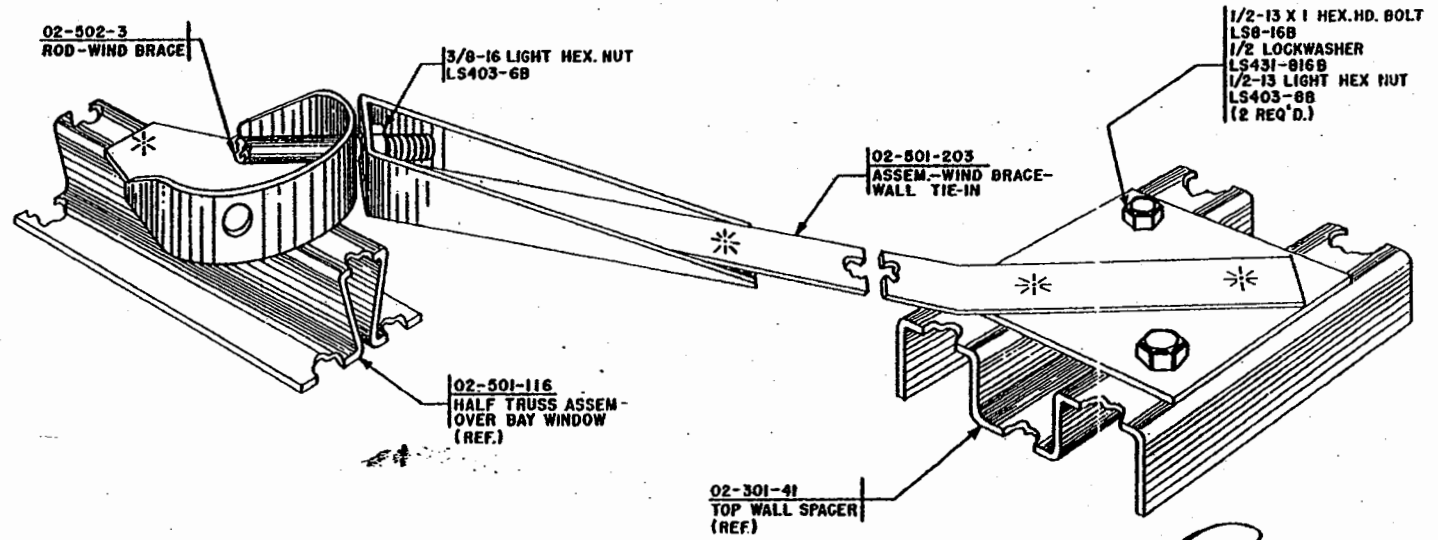
ERECTION	MANUAL	
TITLE <b>DETAILS-TRUSS-WIND BRACE &amp; WALL TIE-IN</b>		
PREPARED BY R.L.S.	DATE 8-17-49	EFF. 2001 & SUB. DRAWING NUMBER <b>EM-02-C-31.12</b>



DETAIL "D"



DETAIL "E"

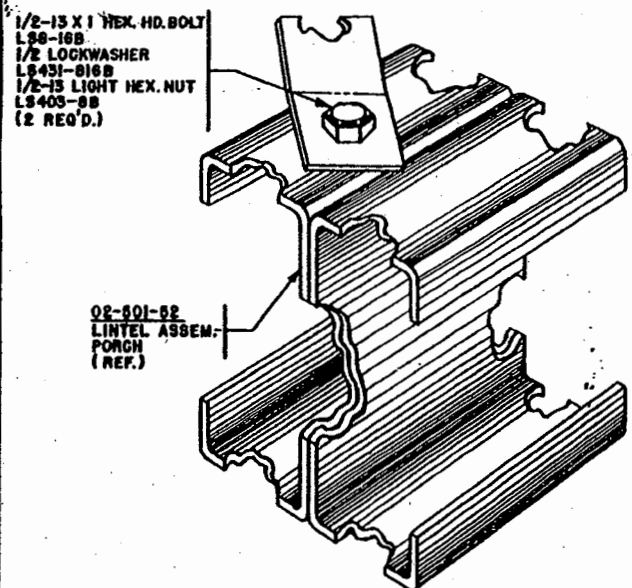
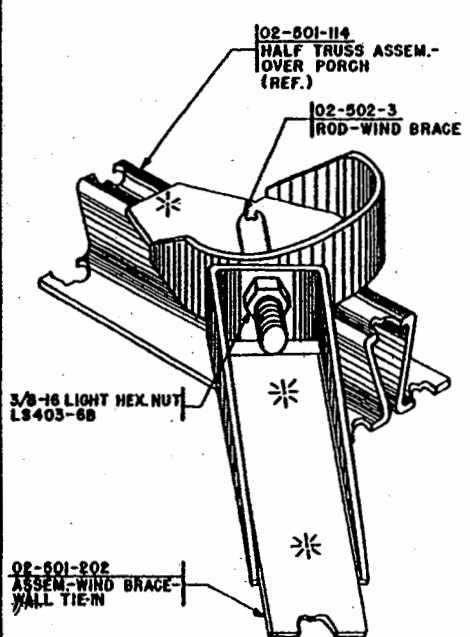


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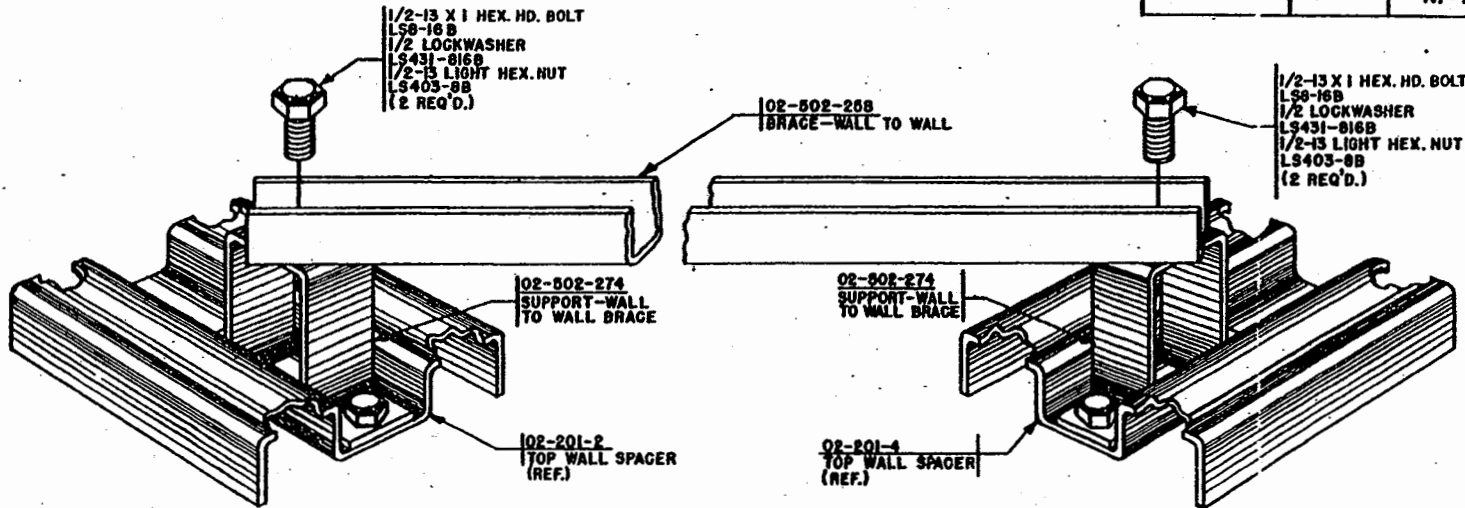
NOTE: <sup>®</sup>  
ALL WIND BRACE-WALL TIE-IN  
ASSEMBLIES ARE SHIPPED  
IN 02-501-214 SHIPPING ASSEM.



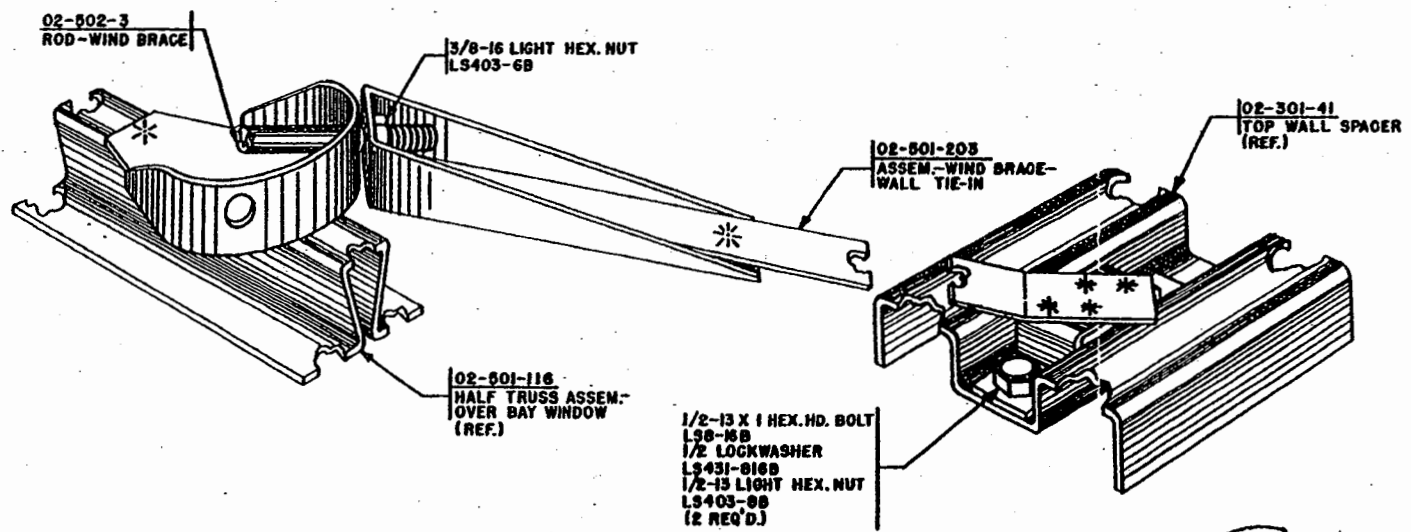
ERECTION		MANUAL	
TITLE DETAILS-TRUSS-WIND BRACE & WALL TIE-IN			
PREPARED BY R. L. S.	DATE 5-10-49	EFF. 511 & SUB.	
REVISION <sup>®</sup> 6-3-49	R.L.S.	DRAWING NUMBER EM-02-C-31.20	



DETAIL "D"



DETAIL "E"



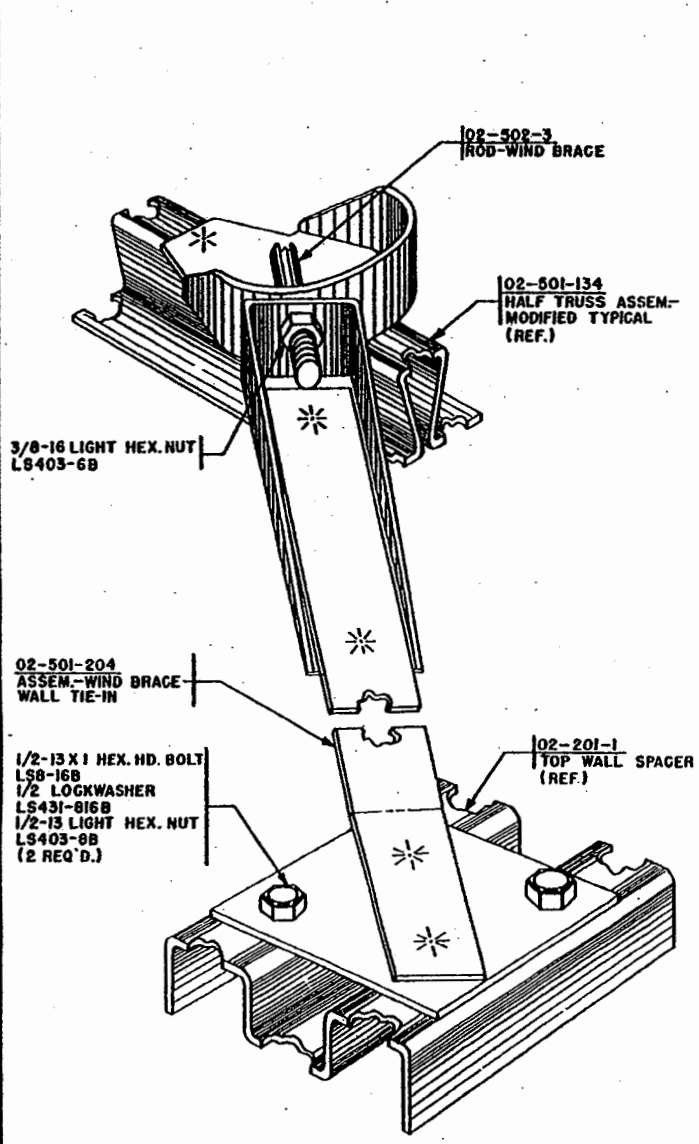
DETAIL "F"

NOTE:  
THIS PAGE SUPERSEDES  
EM-02-C-31.20 AT  
HOME NO. 2001.



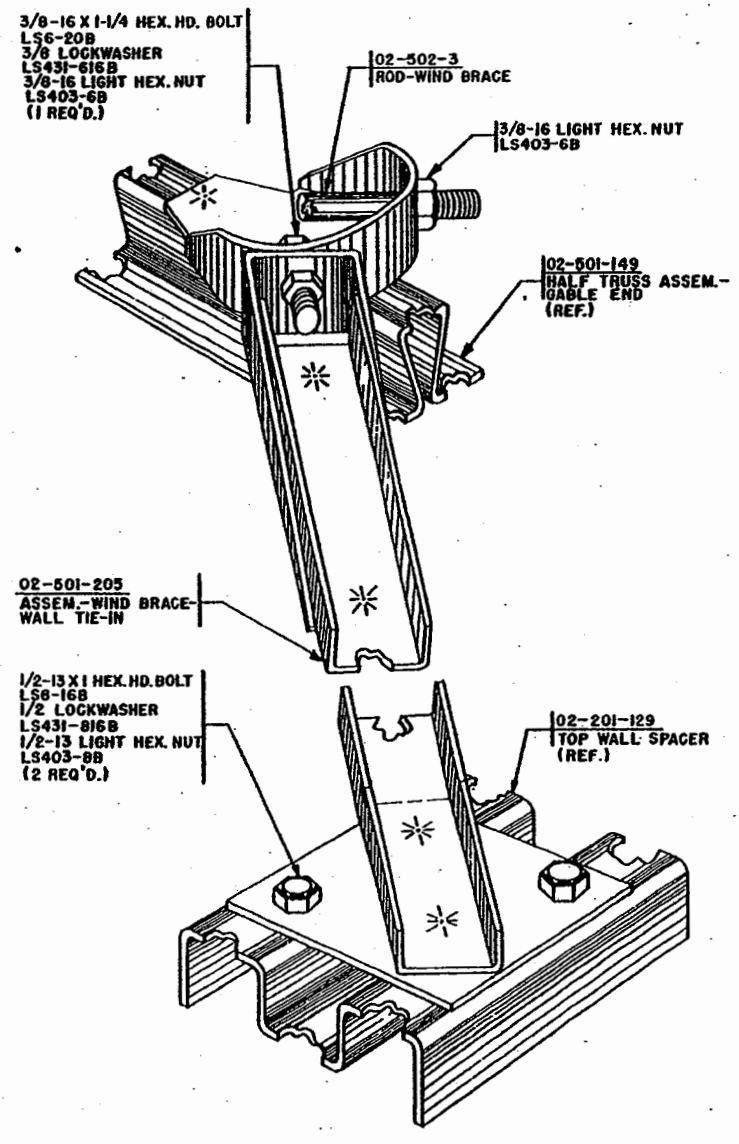
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TITLE DETAILS-TRUSS-WIND BRACE & WALL TIE-IN			
PREPARED BY R. L. S.	DATE 8-17-49	EFF. 2001 & SUB.	
		DRAWING NUMBER EM-02-C-31.21	

RELEASE NO.	DATE
NP-663	5-10-49
NP-676	6-3-49



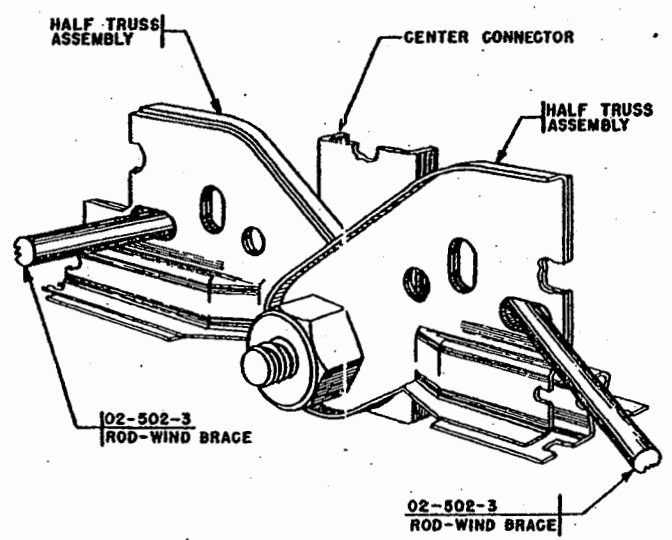
DETAIL "G"

- 3/8-16 LIGHT HEX. NUT  
LS403-6B
- 02-501-134  
HALF TRUSS ASSEM.-  
MODIFIED TYPICAL  
(REF.)
- 02-501-204  
ASSEM.-WIND BRACE-  
WALL TIE-IN
- 1/2-13 X 1 HEX. HD. BOLT  
LS6-16B  
1/2 LOCKWASHER  
LS431-816B  
1/2-13 LIGHT HEX. NUT  
LS403-8B  
(2 REQ'D.)



DETAIL "H"

- 3/8-16 X 1-1/4 HEX. HD. BOLT  
LS6-20B  
3/8 LOCKWASHER  
LS431-816B  
3/8-16 LIGHT HEX. NUT  
LS403-6B  
(1 REQ'D.)
- 02-502-3  
ROD-WIND BRACE
- 3/8-16 LIGHT HEX. NUT  
LS403-6B
- 02-501-149  
HALF TRUSS ASSEM.-  
GABLE END  
(REF.)
- 02-501-205  
ASSEM.-WIND BRACE-  
WALL TIE-IN
- 1/2-13 X 1 HEX. HD. BOLT  
LS6-16B  
1/2 LOCKWASHER  
LS431-816B  
1/2-13 LIGHT HEX. NUT  
LS403-8B  
(2 REQ'D.)
- 02-201-1  
TOP WALL SPACER  
(REF.)
- 02-201-129  
TOP WALL SPACER  
(REF.)



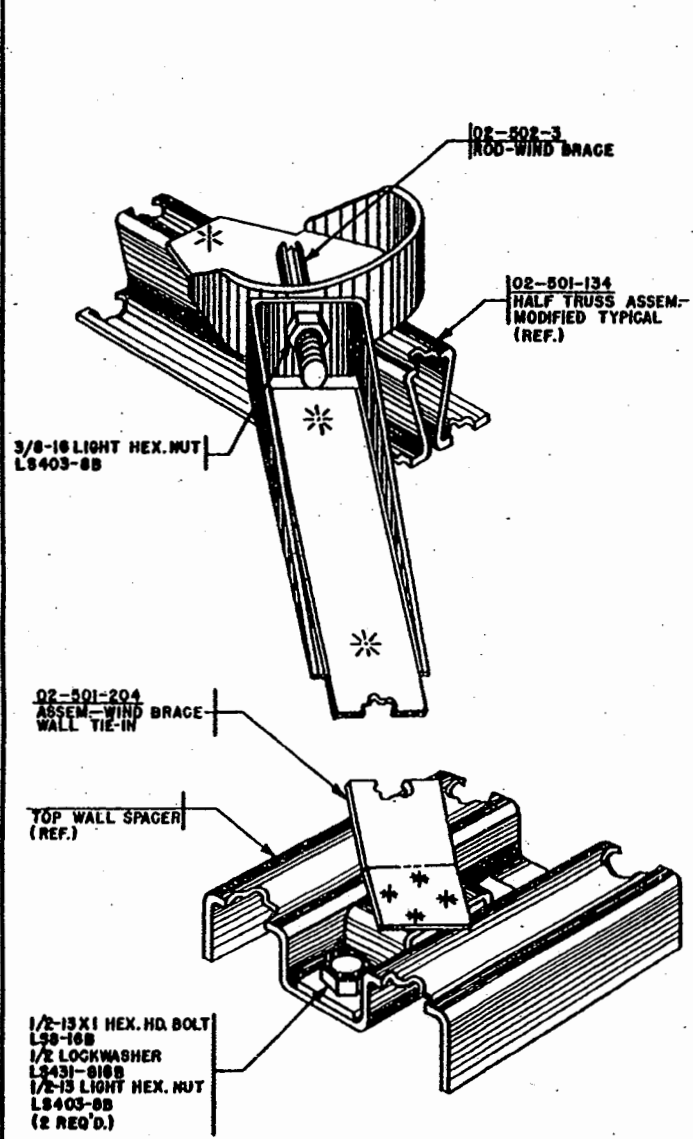
DETAIL "J"

- 02-502-3  
ROD-WIND BRACE
- 02-501-149  
HALF TRUSS ASSEM.-  
GABLE END  
(REF.)
- 02-502-3  
ROD-WIND BRACE
- 02-502-3  
ROD-WIND BRACE
- 02-502-3  
ROD-WIND BRACE

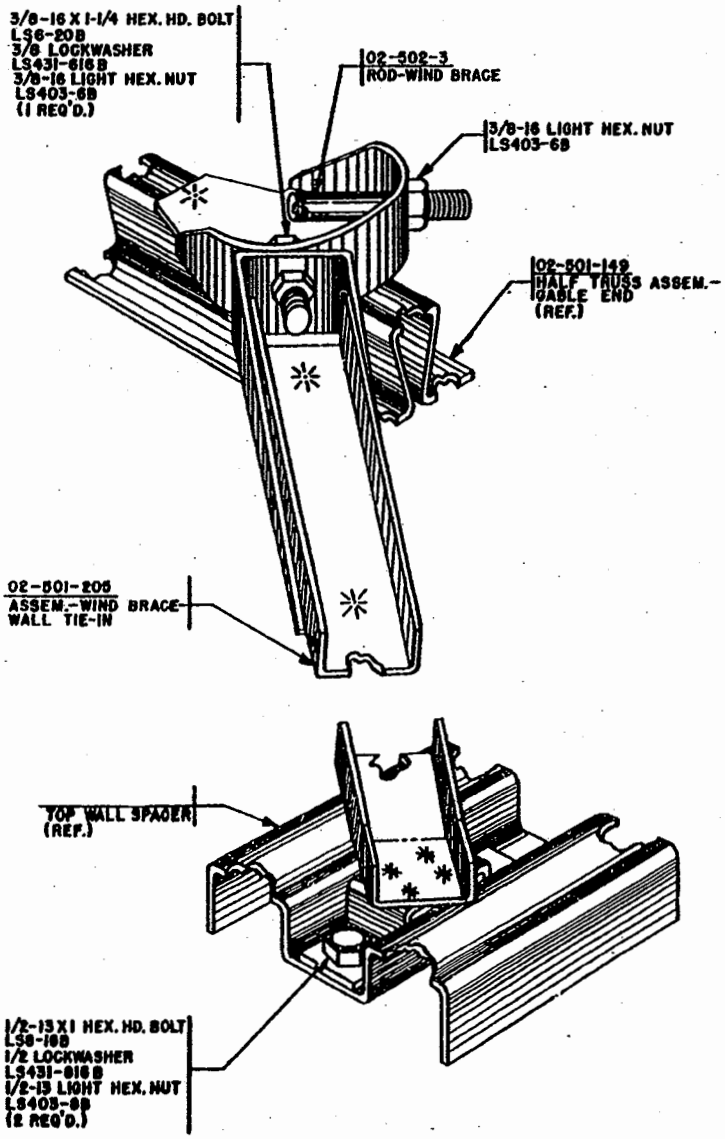
NOTE:  
ALL WIND BRACE-WALL TIE-IN  
ASSEMBLIES ARE SHIPPED  
IN 02-501-214 SHIPPING ASSEM.



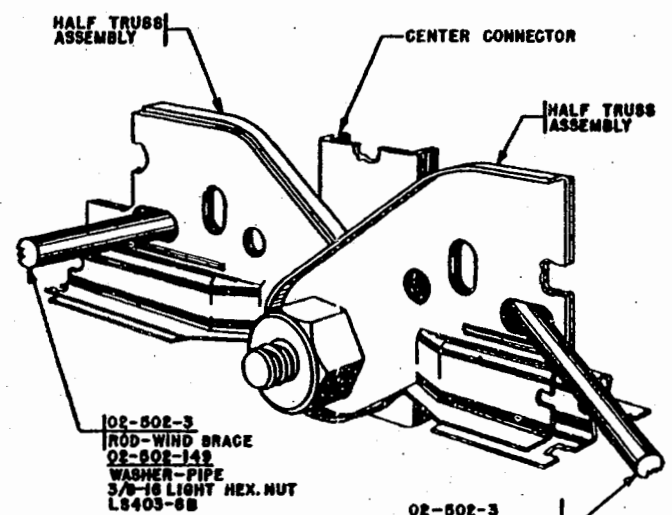
ERECTION		MANUAL
TITLE		
DETAILS-TRUSS-WIND BRACE & WALL TIE-IN		
PREPARED BY R. L. S.	DATE 5-10-49	EFF. 511 & SUB.
REVISOR R. L. S.	DATE 6-3-49	DRAWING NUMBER EM-02-G-31.30



**DETAIL "G"**



**DETAIL "H"**



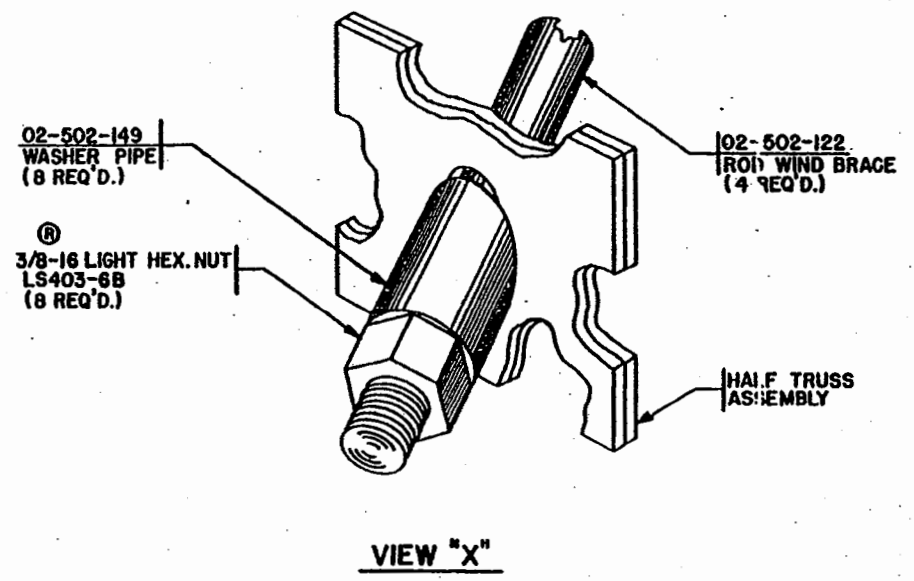
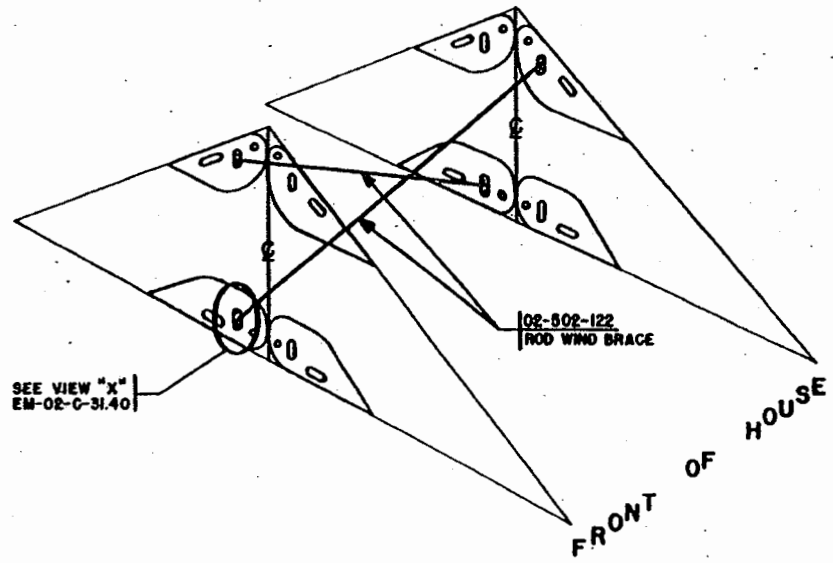
**DETAIL "J"**

**NOTE:**  
THIS PAGE SUPERSEDES  
EM-02-C-31, 30 AT  
HOME NO. 2001.



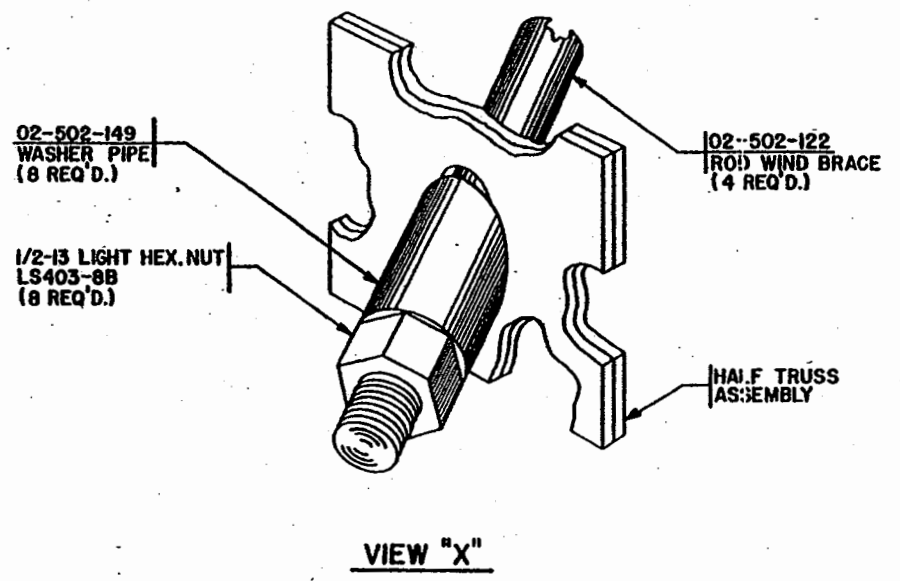
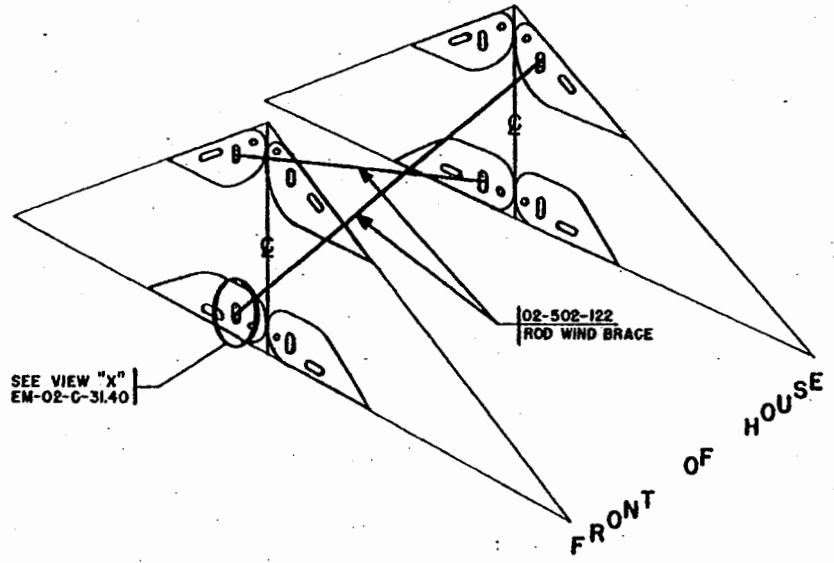
ERECTION		MANUAL	
TITLE DETAILS-TRUSS-WIND BRACE & WALL TIE-IN			
PREPARED BY R. L. S.	DATE 8-17-49	EFF. 2001 & SUB.	
		DRAWING NUMBER EM-02-C-31.31	

RELEASE NO. NP-663	DATE 5-10-49
NP-738	6-17-49



ERECTION		MANUAL
TITLE DETAILS-TRUSS-WIND BRACE & WALL TIE-IN		
PREPARED BY R. L. S.	DATE 5-10-49	EFF. 511 & SUB.
REVISOR R.L.S.	BY R.L.S.	DRAWING NUMBER EM-02-C-31.40





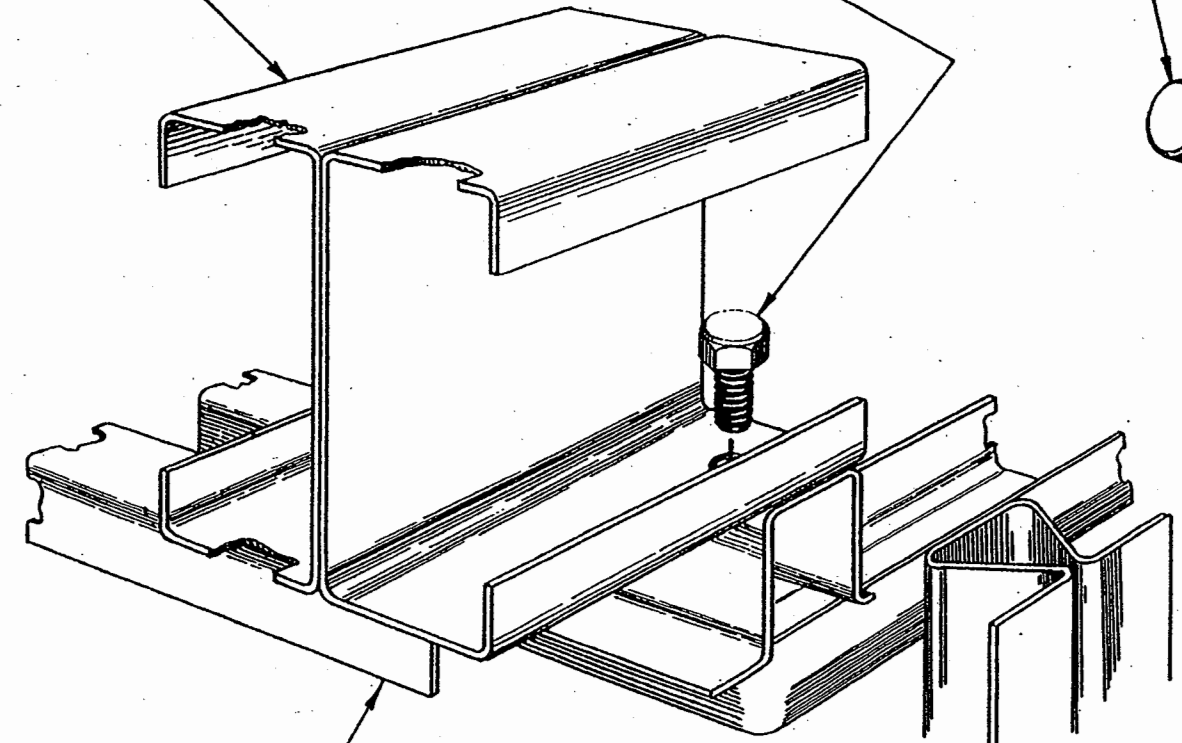
ERECTION		MANUAL
TITLE DETAILS-TRUSS-WIND BRACE & WALL TIE-IN		
PREPARED BY R. L. S.	DATE 5-10-49	EFF. 511 & SUB.
		DRAWING NUMBER EM-02-C-31.40

02-501-52  
LINTEL ASSEMBLY

1/2" - 13 X 1" HEX. BOLTS (LS8-16B)  
1/2" SPRG. LOCKWASHER (LS431-816B)  
(2 REQ'D.)

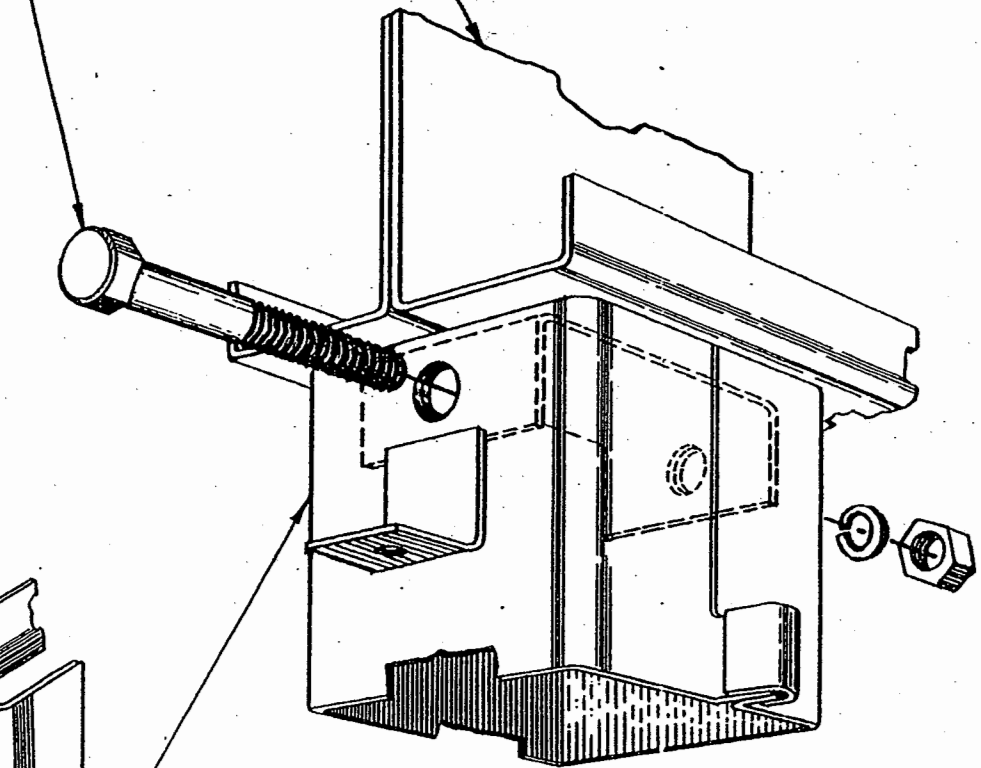
1/2" - 13 X 4 1/2" HEX. HD. BOLT (LS9-72B)  
1/2" - 13 HEX. NUT (LS403-8B)  
1/2" LOCKWASHER (LS431-816B)

LINTEL ASSEM.  
(REF.)



02-201-2 (REF.)  
WALL STRUCTURE

**STEP N° 1**  
**BOLT LINTEL TO WALL**  
**AT PORCH CORNER**

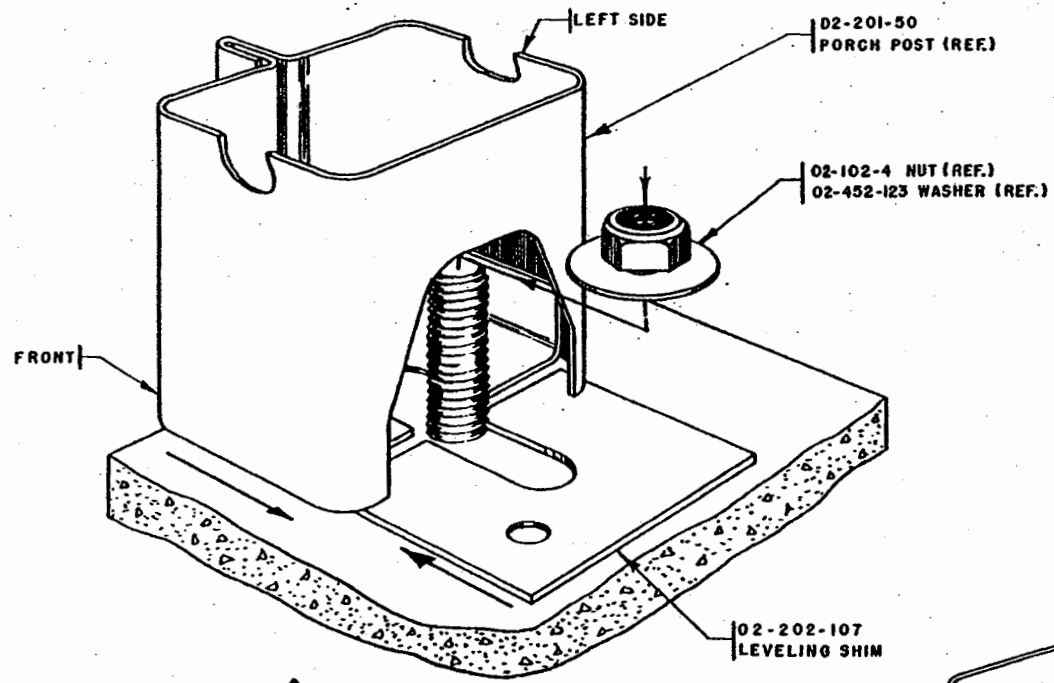


02-201-50  
PORCH POST  
ASSEMBLY

**STEP N° 2**  
**PLACE PORCH POST**  
**AND BOLT TO LINTEL**



ERECTION		MANUAL	
TITLE LINTEL & PORCH POST-INSTALLATION			
PREPARED BY W. C. G.	DATE 6-20-49	EFF. 1001 & SUB.	
		DRAWING NUMBER EM-02-C-52.1	



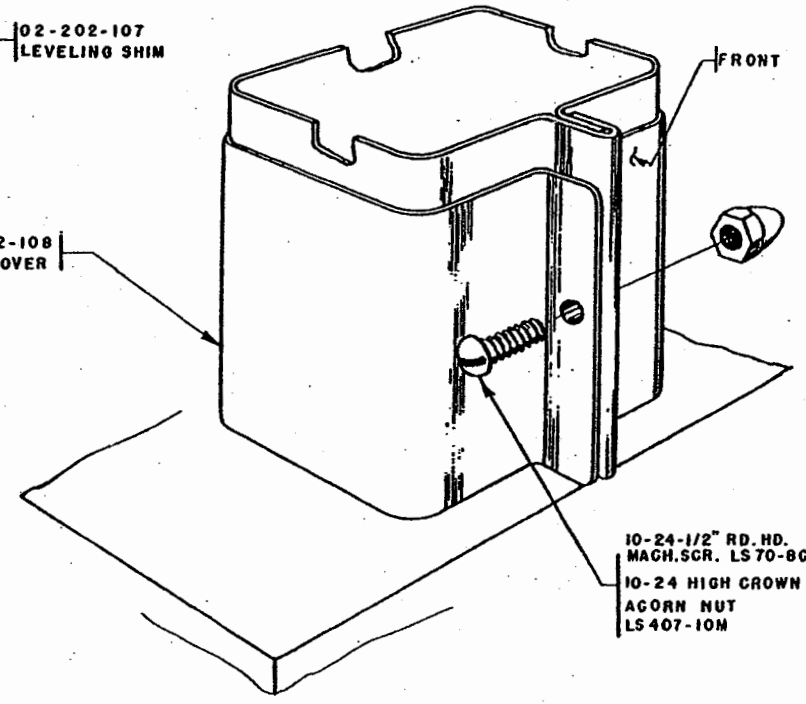
**STEP NO. 3**

- (A) PLUMB POST AND LEVEL LINTEL. SHIM TO PROPER ELEVATION BY USING 02-202-107 SHIMS. CHECK ELEVATION BY USING HAND LEVEL ON LINTEL.
- (B) APPLY LOCK WASHER THEN WASHER AND NUT PREVIOUSLY REMOVED.
- (C) TIGHTEN ALL CONNECTIONS.

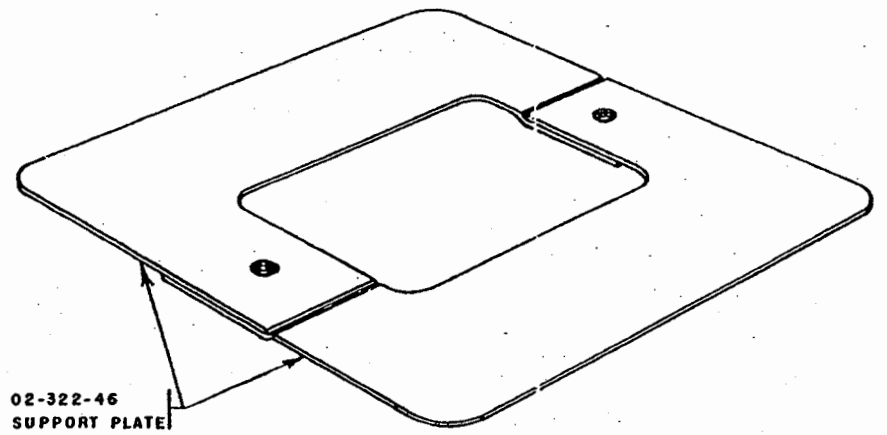
**STEP NO. 4**

INSTALL BASE COVER AS SHOWN.

02-202-108  
BASE COVER



10-24-1/2" RD. HD.  
MACH. SCR. LS70-8C  
10-24 HIGH CROWN  
ACORN NUT  
LS 407-10M



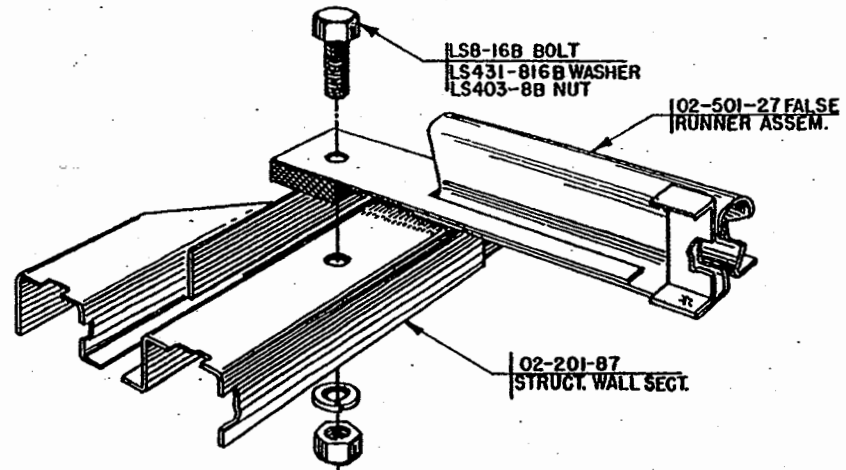
02-322-46  
SUPPORT PLATE

**STEP NO. 5**

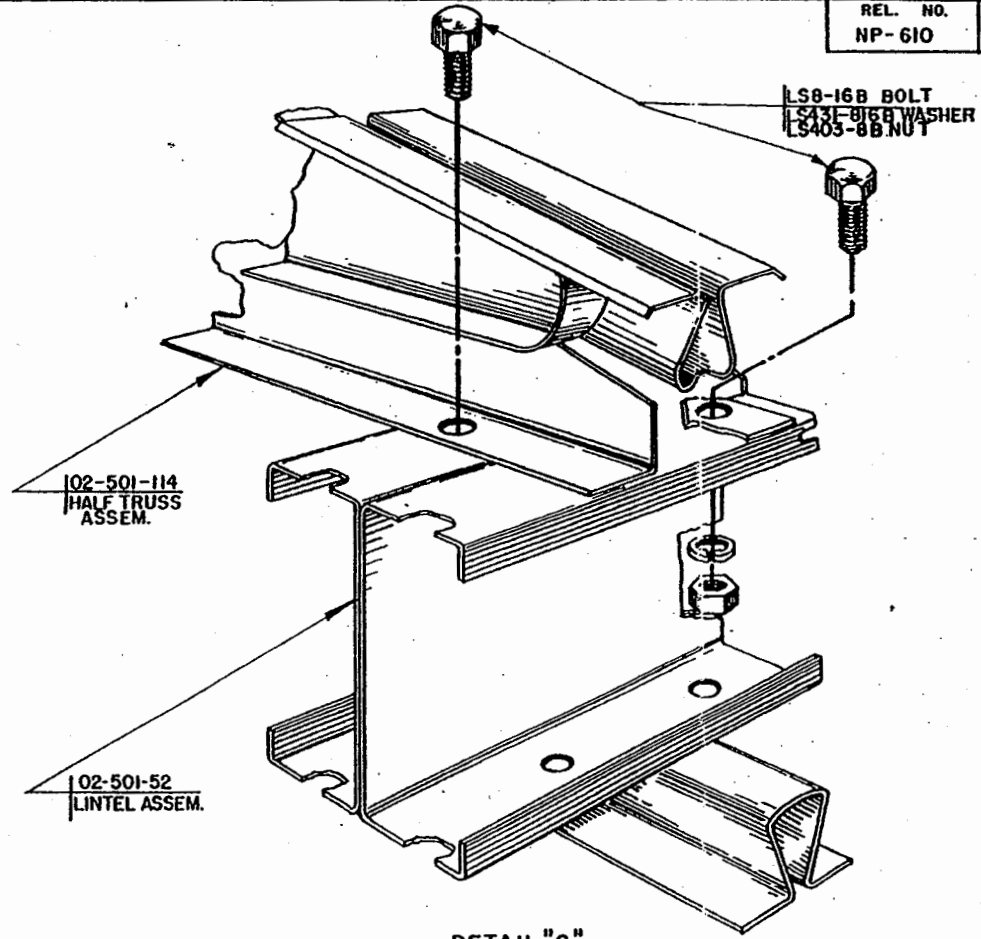
AFTER PORCH CEILING PANELS HAVE BEEN INSTALLED, INSTALL SUPPORT PLATES USING (2) 8-15-5/8" TAP SCREWS LS 44-10B. INSTALL WITH BRUSHED SURFACE DOWN.



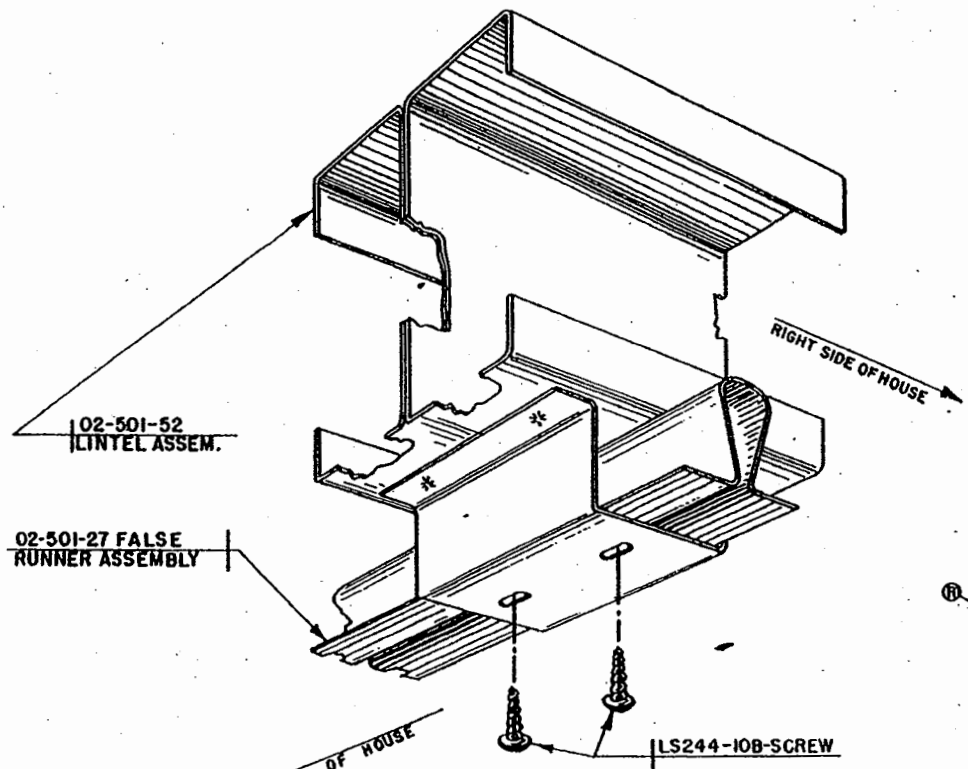
ERECTION		MANUAL
TITLE LINTEL & PORCH POST INSTALLATION		
PREPARED BY W.C.G.	DATE 6-20-49	EFF. 511 & SUB. DRAWING NUMBER
		EM-02-C-53.1



**DETAIL "A"**  
INSTALLATION OF FALSE RUNNER TO PORCH WALL. (SEE NOTE "X")



**DETAIL "C"**  
INSTALLATION OF TRUSS TO LINTEL

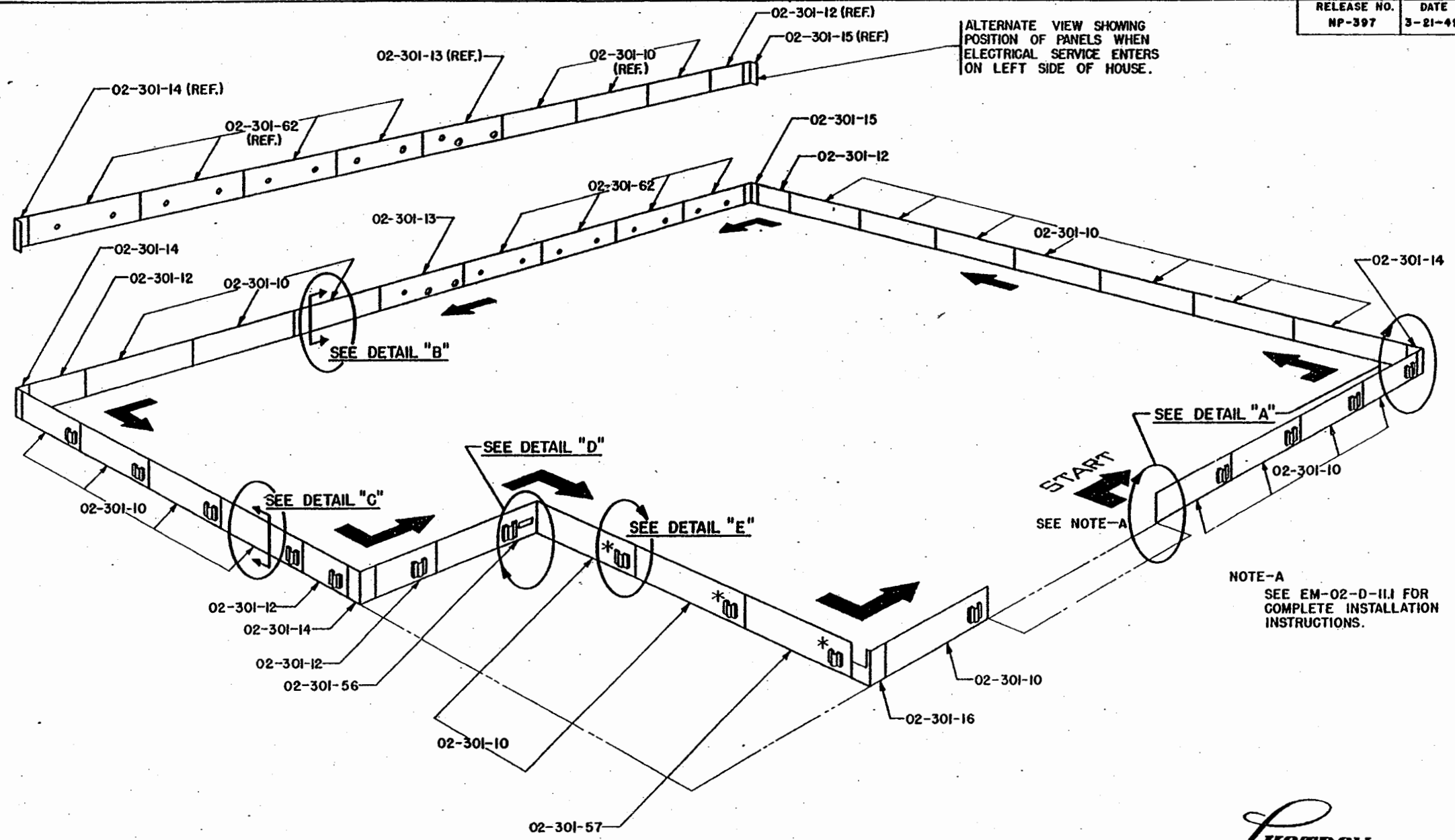


**DETAIL "B"**  
INSTALLATION OF FALSE RUNNER TO LINTEL

**NOTE "X"**  
FALSE RUNNER IS INSTALLED AFTER PLENUM-PERIMETER PANELS ARE INSTALLED. (VIEW SHOWN IN DETAIL "A" WITHOUT PLENUM PANEL.)



ERECTION		MANUAL	
TITLE <b>INSTALLATION-TRUSS &amp; FALSE RUNNER TO LINTEL</b>			
PREPARED BY W. G. G.	DATE 2-3-49	EFF. IOI & SUB.	
REVISOR R.L.S.	DATE 4-7-49	DRAWING NUMBER <b>EM-02-C-60.1</b>	



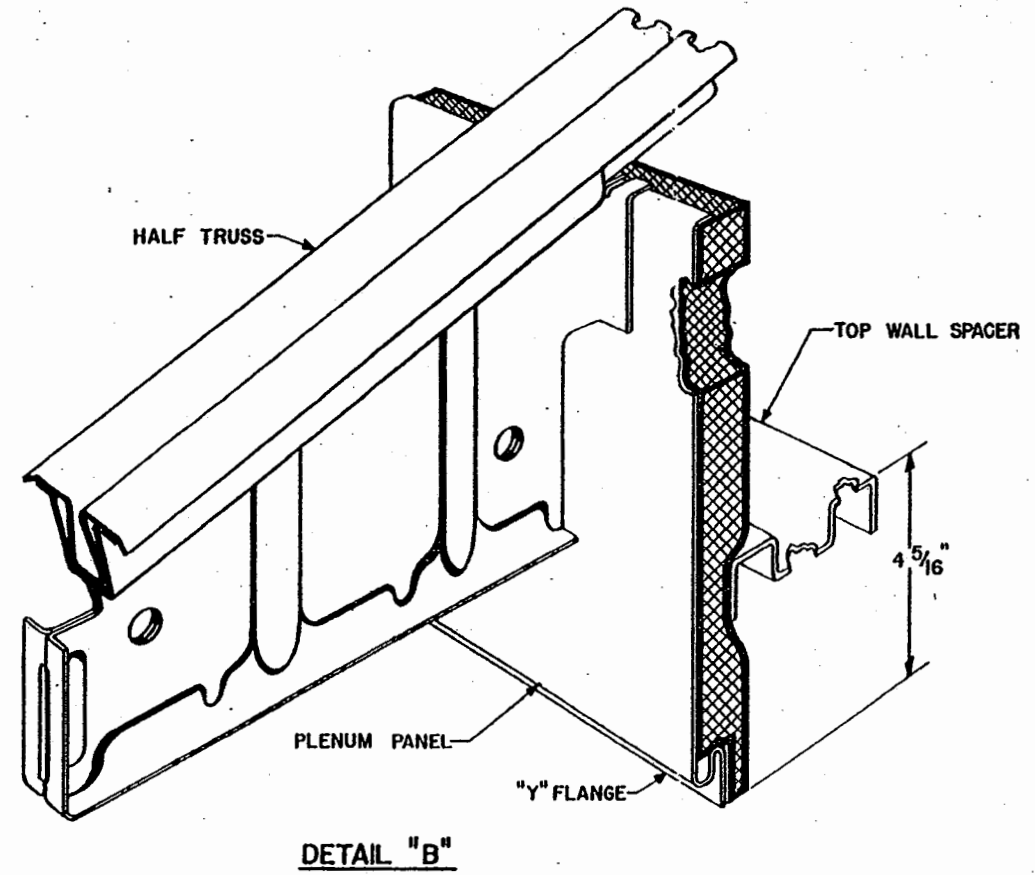
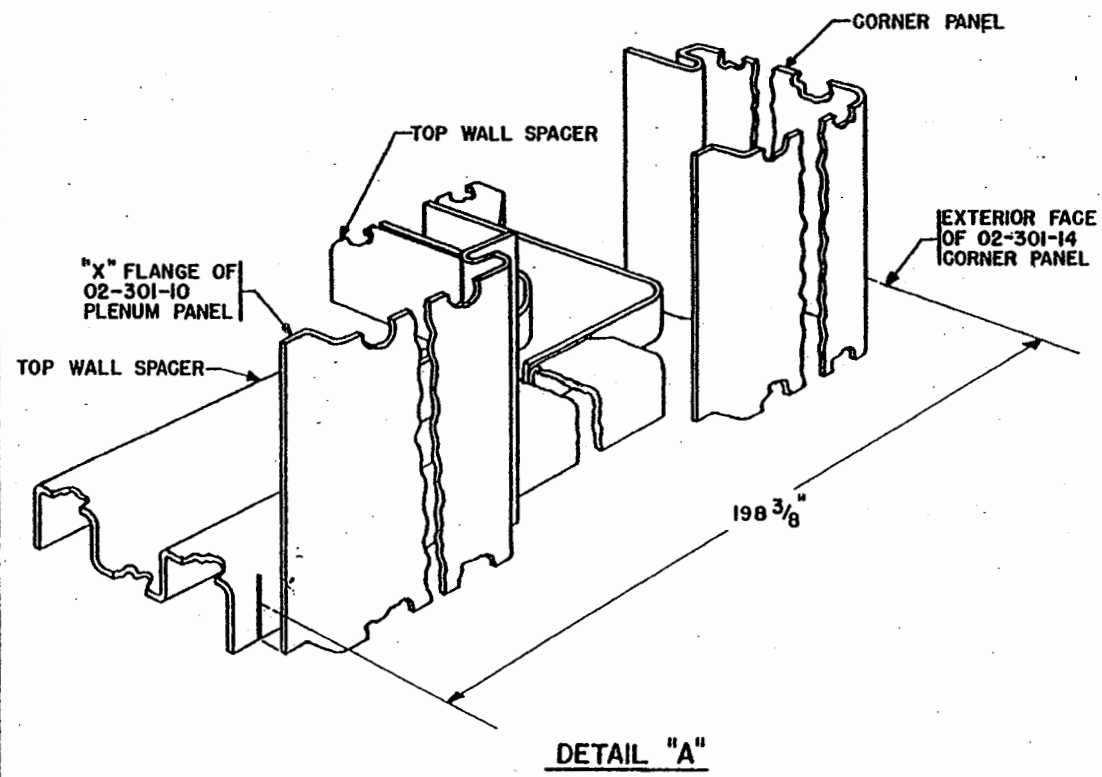
ALTERNATE VIEW SHOWING POSITION OF PANELS WHEN ELECTRICAL SERVICE ENTERS ON LEFT SIDE OF HOUSE.

NOTE-A  
SEE EM-02-D-11.I FOR COMPLETE INSTALLATION INSTRUCTIONS.

\* 02-302-37 CLIP TO BE INSTALLED IN APPROXIMATELY THESE LOCATIONS.



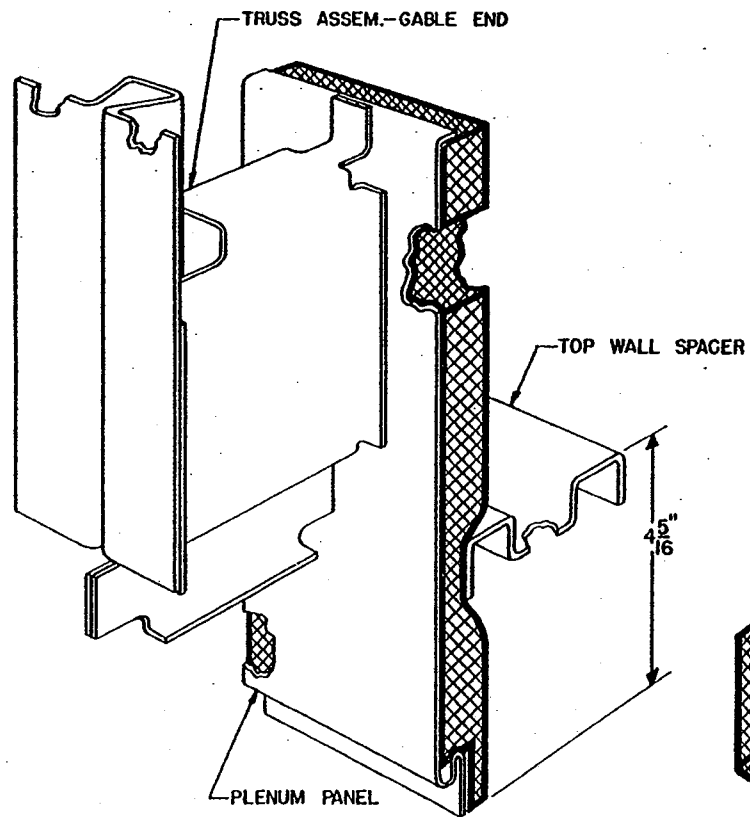
ERECTION		MANUAL	
TITLE <b>PLENUM PANEL INSTALLATION</b>			
PREPARED BY R. L. S.	DATE 3-21-49	EFF. 511 & SUB.	
		DRAWING NUMBER <b>EM-02-D-10.II</b>	



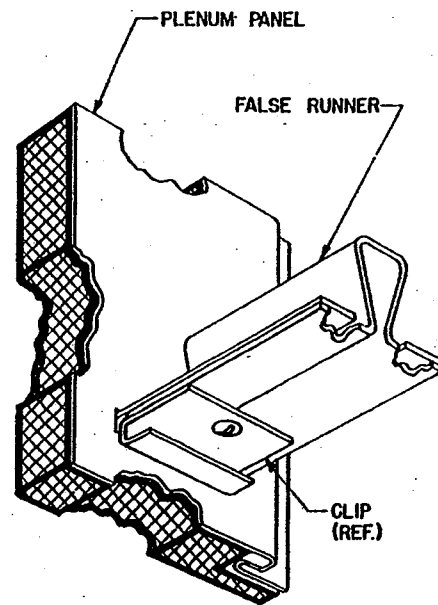
- STEP N°1:**  
BEFORE PLENUM PANEL INSTALLATION IS BEGUN, A CHALK LINE SHOULD BE MADE 4-5/16" FROM THE TOP OF THE WALL SPACER. THIS LINE WILL BE THE GUIDE LINE FOR THE BOTTOM OF THE "Y" FLANGE. SEE DETAIL "B" EM-02-D-11.I.
- STEP N°2:**  
AFTER 4-5/16" GUIDE LINE IS MADE, INSTALL CORNER PANEL 02-301-14 AT RIGHT FRONT CORNER. AFTER PANEL IS INSTALLED MEASURE BACK TOWARD BAY WINDOW 198-3/8". MARK THIS DIMENSION ON TOP WALL SPACER. SEE DETAIL "A" EM-02-D-11.I.
- STEP N°3:**  
REMOVE CORNER PANEL. INSTALL PLENUM PANEL 02-301-10 WITH "X" FLANGE ON MARK INDICATING 198-3/8" DIMENSION, AND BOTTOM OF "Y" FLANGE ON 4-5/16" LINE. SEE DETAIL "A" & "B" EM-02-D-11.I.  
CONTINUE INSTALLATION AROUND HOUSE AS INDICATED BY ARROWS. SEE EM-02-D-10.II.
- STEP N°4:**  
INSTALL (3) 02-302-37 CLIPS PER DETAIL "E" EM-02-D-12.I. ONE 02-302-37 CLIP IS TO BE INSTALLED AT EACH PLENUM PANEL AS SHOWN ON EM-02-D-10.II.

- STEP N°5:**  
AFTER FALSE RUNNER IS INSTALLED ADJUST CLIP ON UNDER SIDE OF FALSE RUNNER FIRMLY AGAINST FACE OF PLENUM PANEL. SEE DETAIL "D" EM-02-D-12.I.  
FOR INSTALLATION OF FALSE RUNNER SEE EM-02-C-60.I, DETAIL "A" & "B".

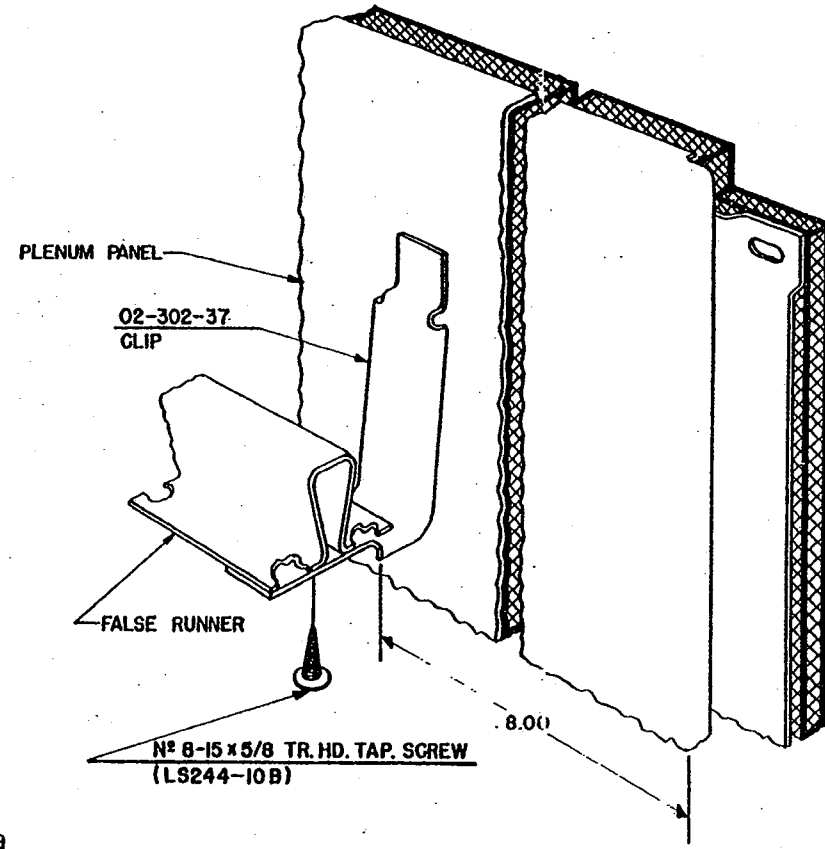
<i>LUSTRON</i> CORPORATION		MANUAL
ERECTION	TITLE PLENUM PANEL STARTING DIMENSIONS & DETAILS	
PREPARED BY R. L. S.	DATE 3-21-49	EFF. 511 & SUB.
		DRAWING NUMBER EM-02-D-11.I



DETAIL "C"



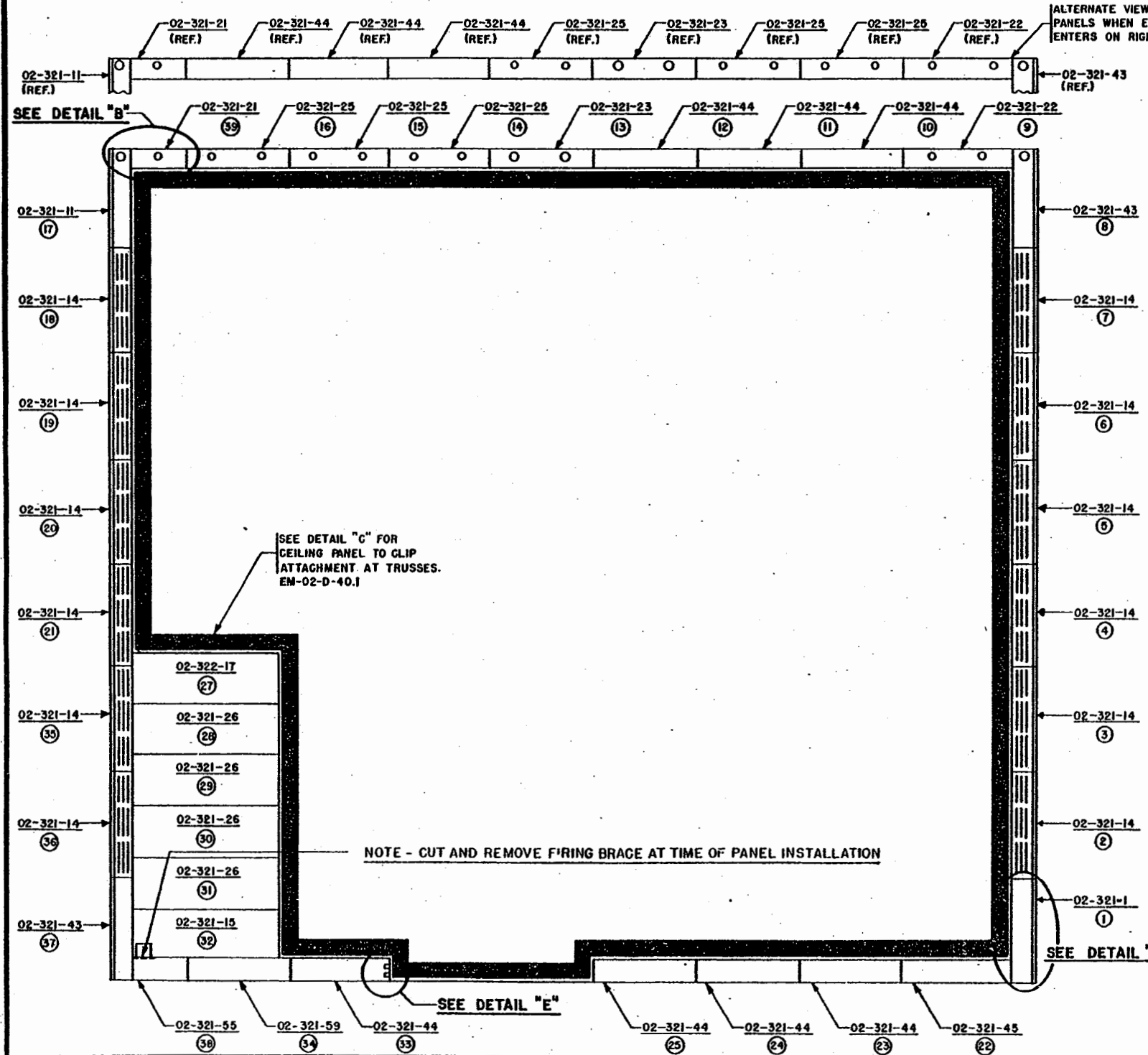
DETAIL "D"



DETAIL "E"



ERECTION		MANUAL
TITLE <b>PLENUM PANEL CLIP &amp; BRACKET INSTALLATION DETAILS</b>		
PREPARED BY R. L. S.	DATE 3-21-49	EFF. 511 & SUB.
		DRAWING NUMBER <b>EM-02-D-12.1</b>



ALTERNATE VIEW SHOWING POSITION OF PANELS WHEN ELECTRICAL SERVICE ENTERS ON RIGHT SIDE OF HOUSE.

**STEPS OF INSTALLATION FOR EAVE & PORCH CEILING PANELS.**

- STEP N° 1:**  
INSTALL 02-321-1 EAVE PANEL ON RIGHT SIDE, FRONT CORNER PER DETAIL "A", EM-02-D-40.1. CONTINUE IN SEQUENCE INDICATED 1 THRU 16.
- STEP N° 2:**  
INSTALL 02-321-11 EAVE PANEL ON LEFT SIDE, REAR CORNER PER DETAIL "B", EM-02-D-40.1. CONTINUE IN SEQUENCE INDICATED 17 THRU 21.
- STEP N° 3:**  
INSTALL 02-321-45 EAVE PANEL AT FRONT RIGHT CORNER. CONTINUE IN SEQUENCE INDICATED 22 THRU 25.
- STEP N° 4:**  
IF FALSE RUNNER HAS NOT BEEN INSTALLED, INSTALL PER DETAIL "A" & "B", EM-02-C-60.1.
- STEP N° 5:**  
ADJUST CLIP 02-322-31 (ON UNDER SIDE OF CEILING RUNNER OF TRUSS 02-501-114 AND TRUSS 02-501-140). ADJUST THESE CLIPS TO ALIGN AND HOLD PLENUM PANELS PLUMB
- STEP N° 6:**  
INSTALL 02-322-17 PORCH CEILING PANEL. MAKE SURE TO ENGAGE CLIPS 02-322-31 IN SLOTTED HOLES PROVIDED IN CEILING PANEL 02-322-17. SEE DETAIL "C", EM-02-D-40.1. AS CEILING PANELS ARE INSTALLED, THEY MUST BE ADJUSTED FLUSH AGAINST PLENUM PANELS AND UNDER CLIPS ON PLENUM PANELS AS SHOWN IN DETAIL "D", EM-02-D-40.1.
- STEP N° 7:**  
INSTALL PANELS IN SEQUENCE INDICATED 27 THRU 37.
- STEP N° 8:**  
INSTALL PANELS 02-321-21 AT REAR, LEFT CORNER AND 02-321-20 PANEL AT FRONT, LEFT CORNER BY SLIDING INTO PLACE PER DETAIL "B", EM-02-D-40.1.
- STEP N° 9:**  
INSTALL SUPPORT PLATES 02-322-46 AROUND PORCH POST PER STEP N° 5, EM-02-C-50.11

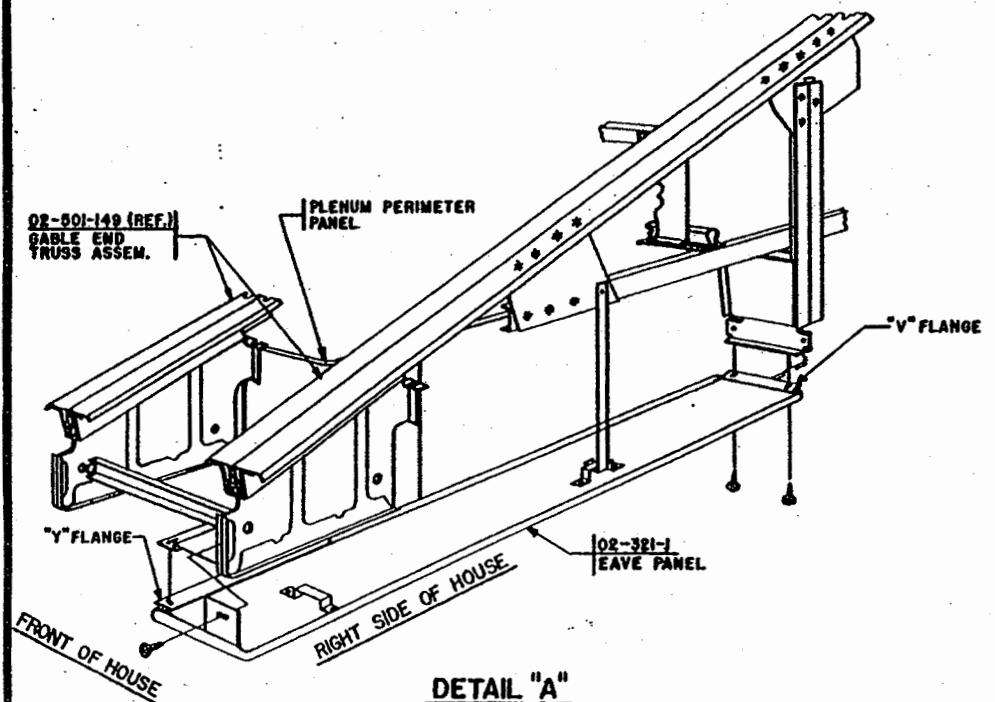
**NOTE:**

ALL EAVE AND PORCH CEILING PANELS ARE ATTACHED WITH N° 8 15 X 5/8" STEEL GAD. TRUSS HD. SLOTTED TAPPING SCREW LS244-10B

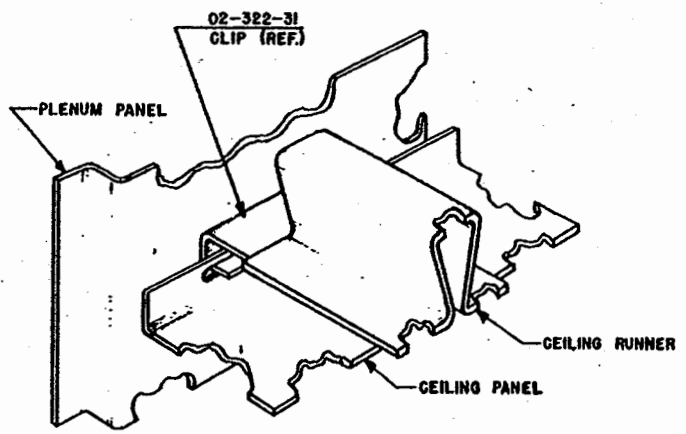


ERECTION		MANUAL	
TITLE <b>INSTALLATION EAVE-PORCH CEILING PANELS</b>			
PREPARED BY R.L.S.	DATE 7-21-49	EFF. 1501 & SUB.	
		DRAWING NUMBER <b>EM-02-D-21.1</b>	

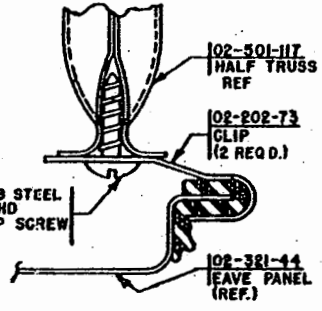




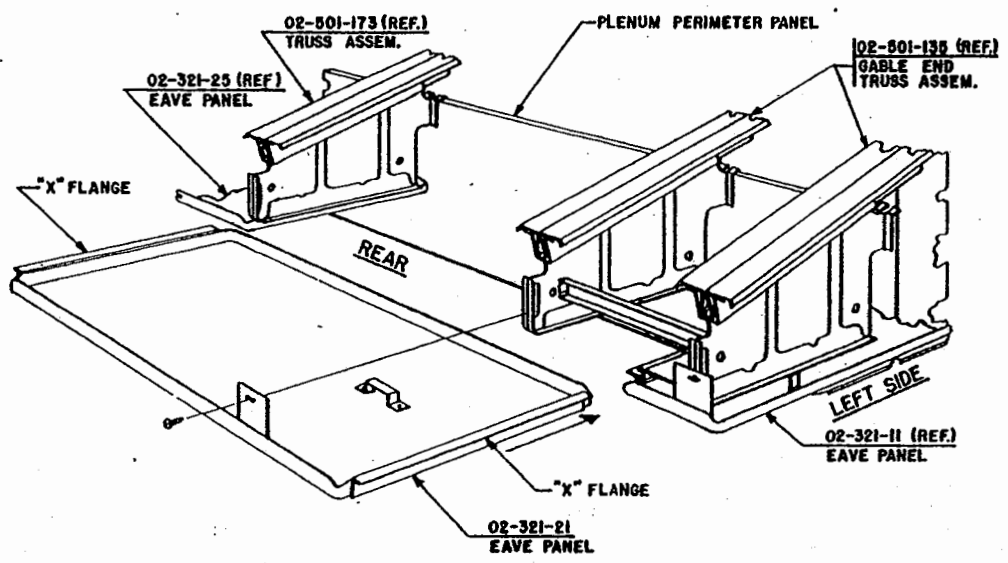
**DETAIL "A"**



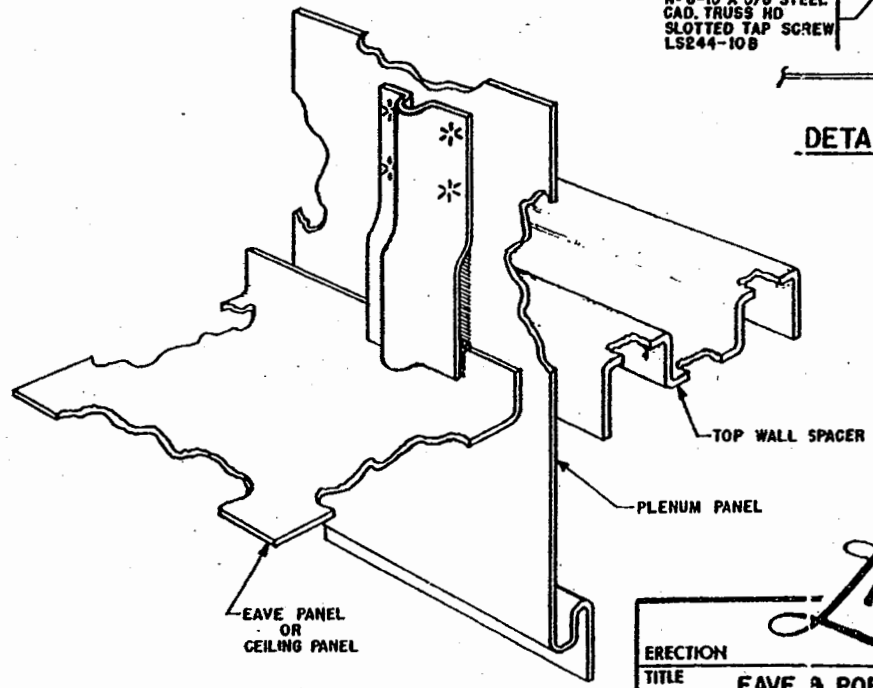
**DETAIL "C"**



**DETAIL "E"**



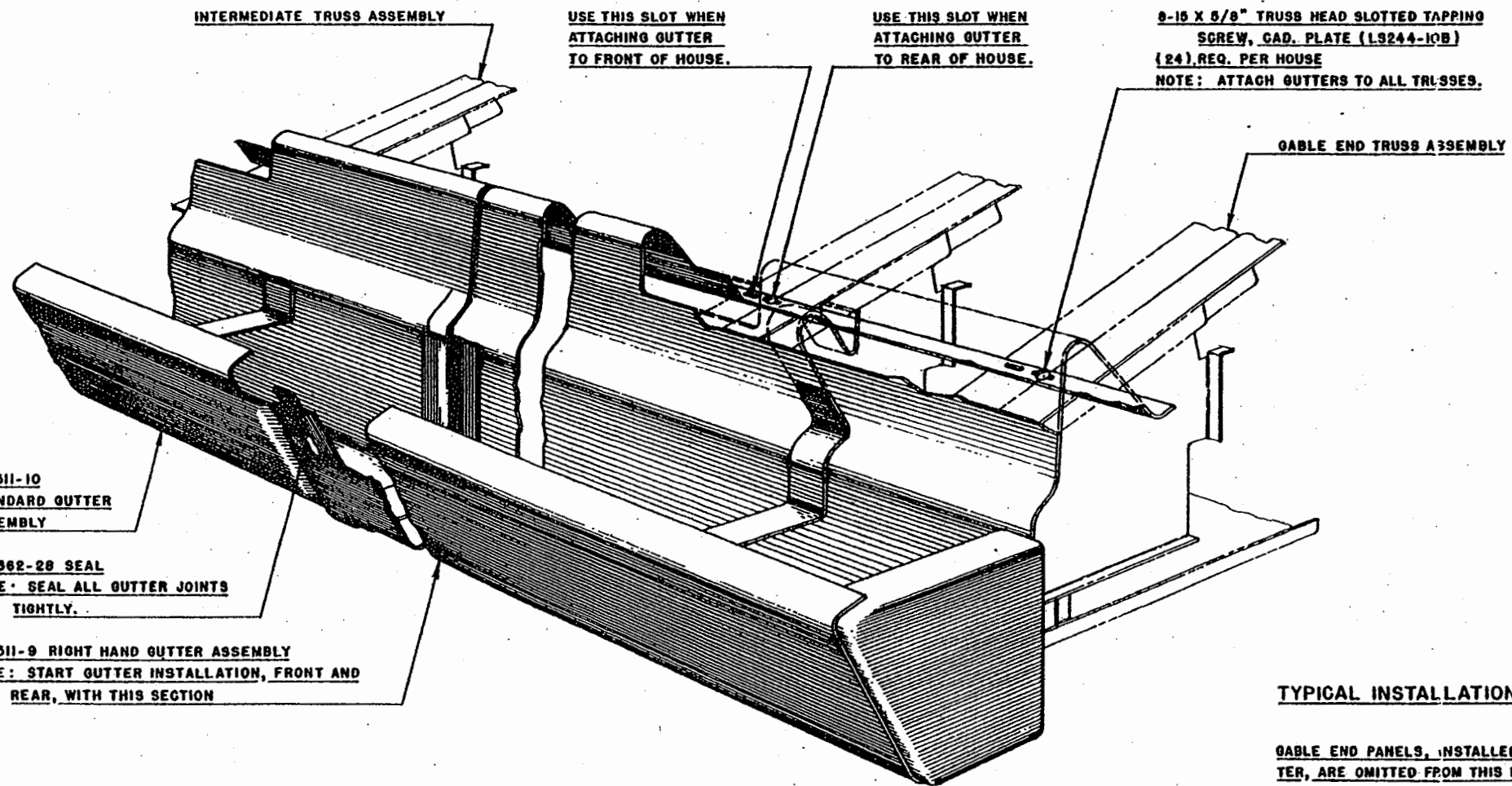
**DETAIL "B"**



**DETAIL "D"**

**LISTRON**  
CORPORATION

ERECTION	MANUAL	
TITLE	EAVE & PORCH CEILING INSTALLATION DETAILS	
PREPARED BY R. L. S.	DATE 1-5-49	EFF. 511 & SUB.
		DRAWING NUMBER EM-02-D-40.1



02-511-10  
STANDARD GUTTER  
ASSEMBLY

02-362-20 SEAL  
NOTE: SEAL ALL GUTTER JOINTS  
TIGHTLY.

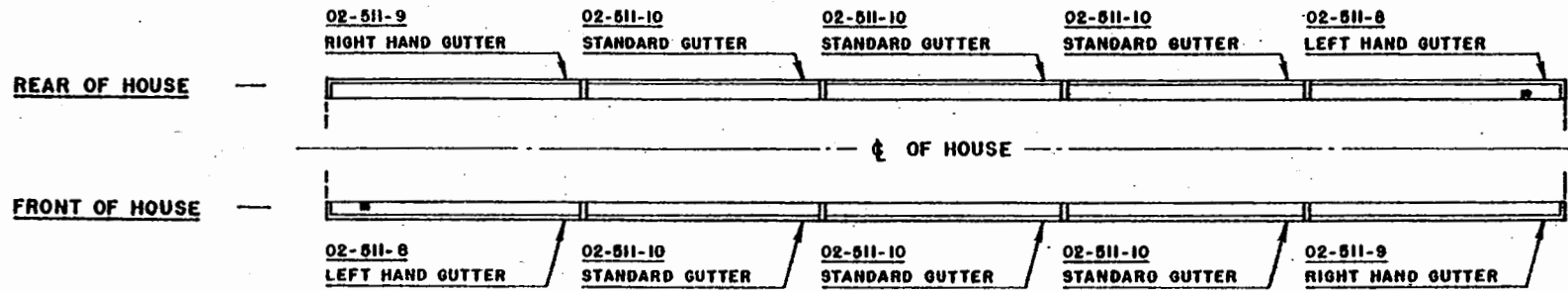
02-511-9 RIGHT HAND GUTTER ASSEMBLY  
NOTE: START GUTTER INSTALLATION, FRONT AND  
REAR, WITH THIS SECTION

9-10 X 5/8" TRUSS HEAD SLOTTED TAPPING  
SCREW, CAD. PLATE (LS244-10B)  
(24) REQ. PER HOUSE  
NOTE: ATTACH GUTTERS TO ALL TRUSSES.

GABLE END TRUSS ASSEMBLY

**TYPICAL INSTALLATION DETAILS**

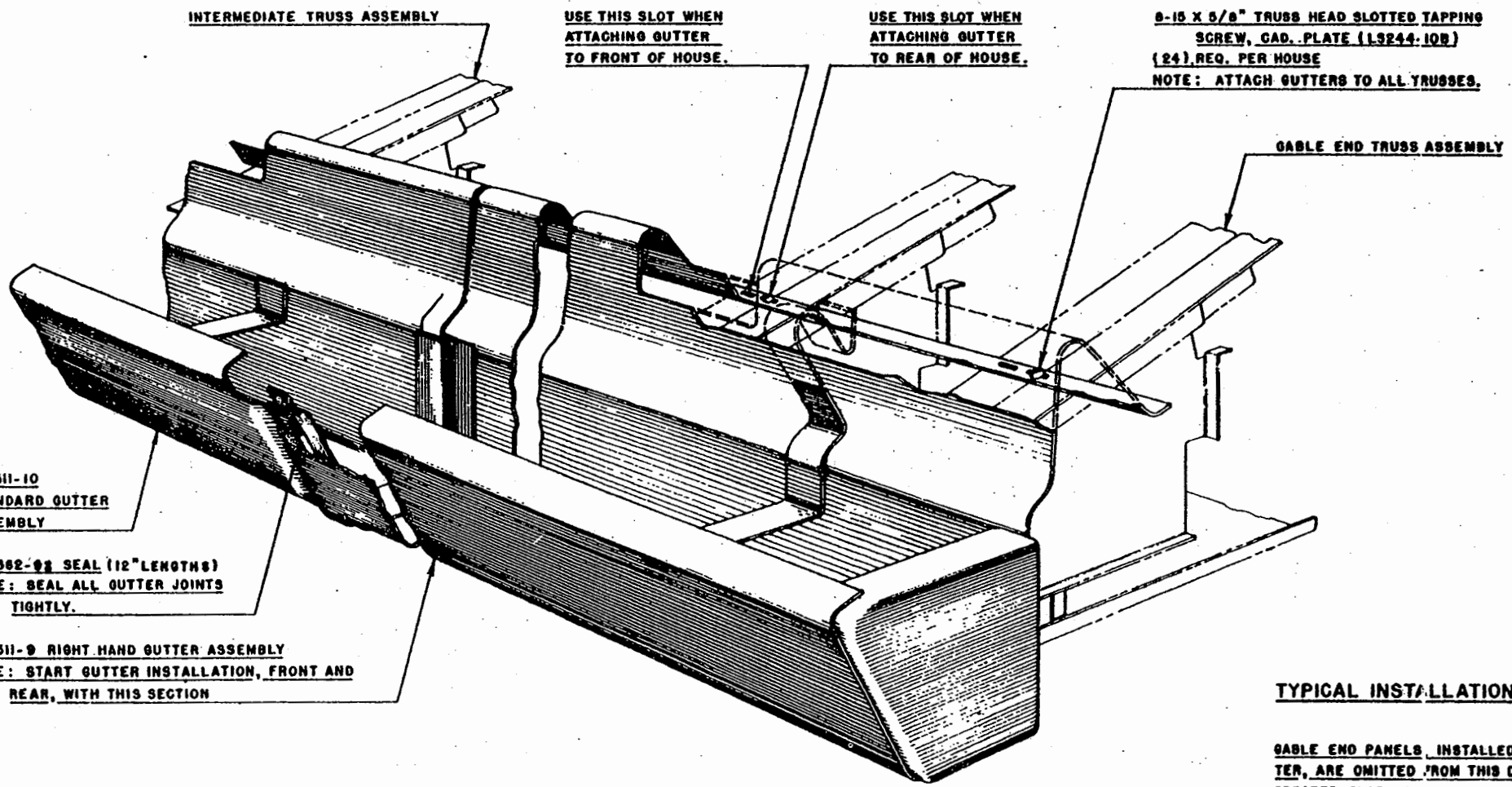
GABLE END PANELS, INSTALLED BEFORE GUT-  
TER, ARE OMITTED FROM THIS DRAWING FOR  
GREATER CLARITY.



**GUTTER INSTALLATION PLAN**



ERECTION	MANUAL	
TITLE	GUTTER INSTALLATION PLAN & DETAILS	
PREPARED BY J B R	DATE 3-31-49	EFF. 561 & SUBS. DRAWING NUMBER EM-02-E-10.1



**02-511-10**  
**STANDARD GUTTER**  
**ASSEMBLY**

**02-362-02 SEAL (12" LENGTHS)**  
**NOTE: SEAL ALL GUTTER JOINTS**  
**TIGHTLY.**

**02-511-0 RIGHT HAND GUTTER ASSEMBLY**  
**NOTE: START GUTTER INSTALLATION, FRONT AND**  
**REAR, WITH THIS SECTION**

**USE THIS SLOT WHEN**  
**ATTACHING GUTTER**  
**TO FRONT OF HOUSE.**

**USE THIS SLOT WHEN**  
**ATTACHING GUTTER**  
**TO REAR OF HOUSE.**

**8-15 X 5/8" TRUSS HEAD SLOTTED TAPPING**  
**SCREW, GAL. PLATE (L3244-10B)**  
**(24) REQ. PER HOUSE**  
**NOTE: ATTACH GUTTERS TO ALL TRUSSES.**

**GABLE END TRUSS ASSEMBLY**

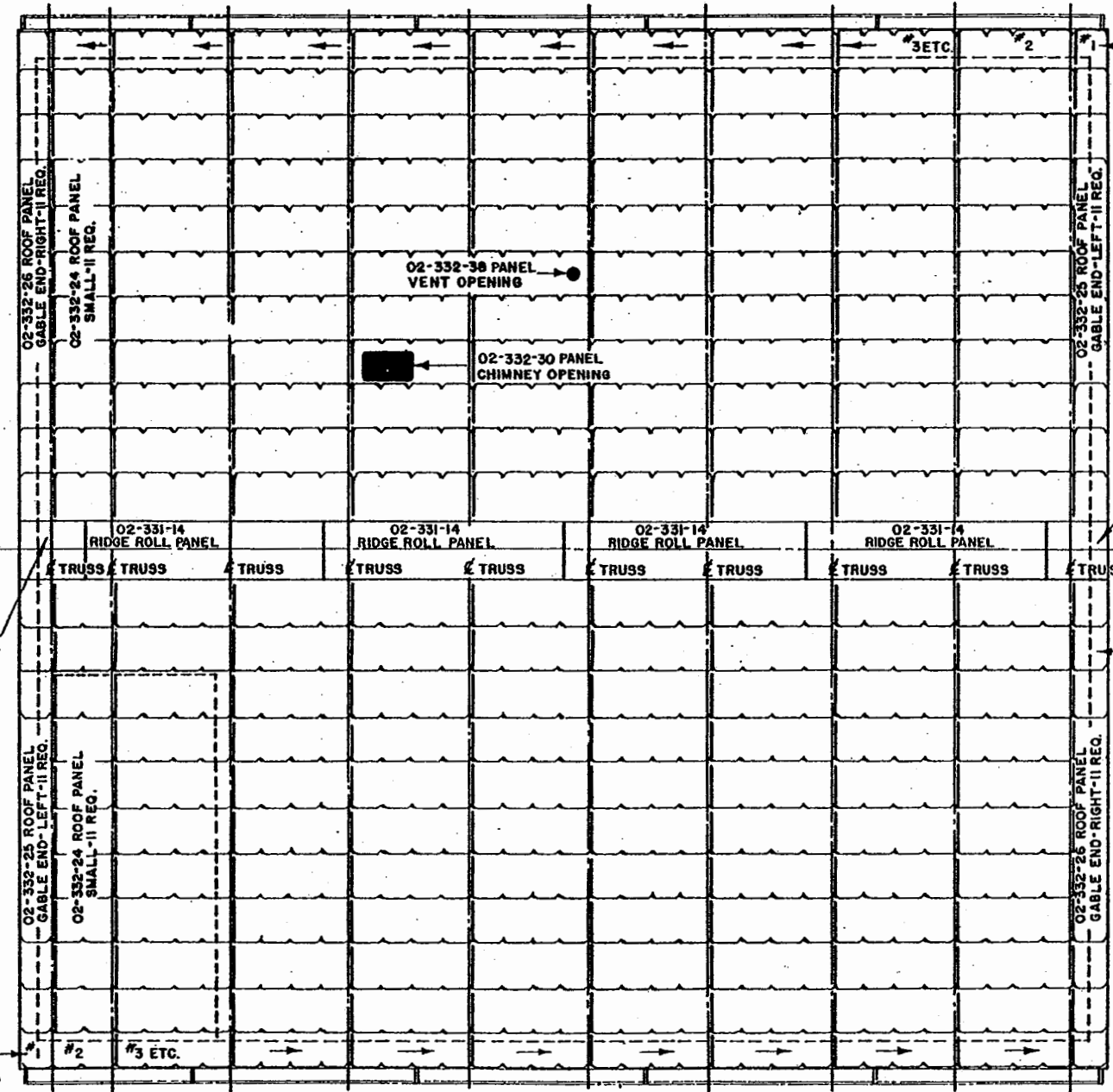
**TYPICAL INSTALLATION DETAILS**

**GABLE END PANELS, INSTALLED BEFORE GUT-**  
**TER, ARE OMITTED FROM THIS DRAWING FOR**  
**GREATER CLARITY.**



ERECTION		MANUAL	
TITLE		GUTTER INSTALLATION DETAILS	
PREPARED BY JBR	DATE 7-11-49	EFF. 2001 & SUB	DRAWING NUMBER
			EM-03-E-11.1

REAR OF HOUSE



INSTALLATION OF ROOF PANELS  
MUST START WITH #1 PANEL, #2, #3, ETC.

NOTE:  
02-332-23 PANEL TYPICAL  
EXCEPT AS NOTED. (174 REQ.)

02-331-16 PANEL ASSEM.  
RIDGE ROLL END-R'GHT

02-331-15 PANEL ASSEM.  
RIDGE ROLL END-LEFT

OUTSIDE WALL  
(REF.)

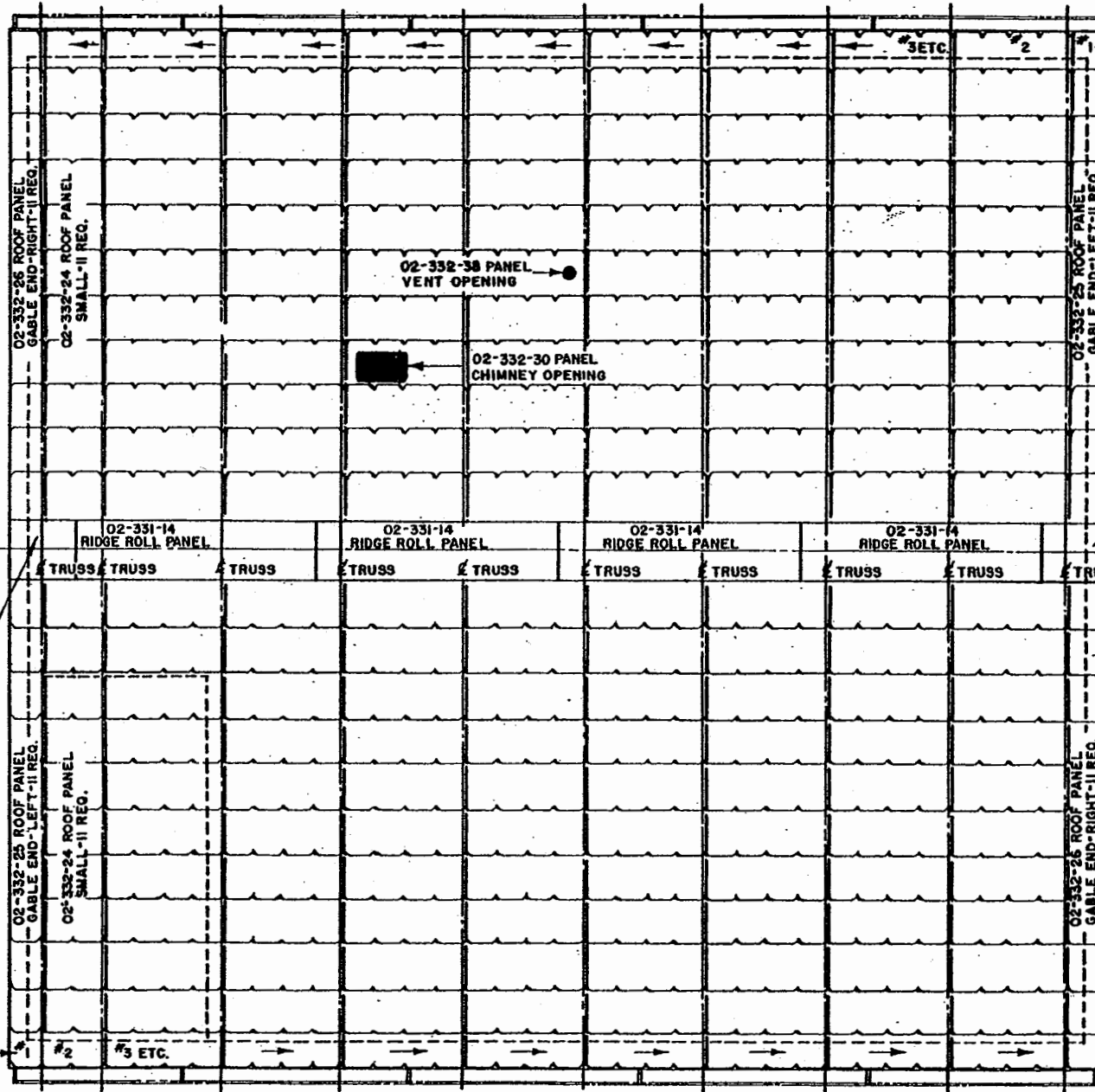
INSTALLATION OF ROOF PANELS  
MUST START WITH #1 PANEL, #2, #3,  
ETC.

FRONT OF HOUSE



ERECTION		MANUAL	
TITLE PANELS-ROOF & RIDGE INSTALLATION			
PREPARED BY P T	DATE 6-23-49	EFF. 101 & SUBS. DRAWING NUMBER EM-02-E-20.1	

REAR OF HOUSE



INSTALLATION OF ROOF PANELS  
MUST START WITH #1 PANEL, #2, #3, ETC.

NOTE:  
O2-332-23 PANEL TYPICAL  
EXCEPT AS NOTED. (174 REQ.)

O2-331-16 PANEL ASSEM.  
RIDGE ROLL END-RIGHT

NOTE USE O2-362-91 SEAL (27" LENGTHS)  
AT ALL RIDGE ROLL JOINTS.

OUTSIDE WALL  
(REF.)

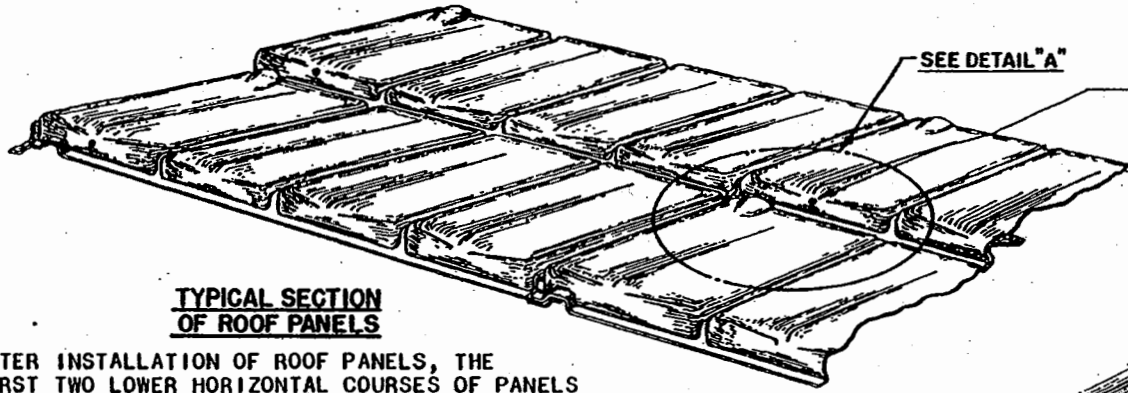
O2-331-15 PANEL ASSEM.  
RIDGE ROLL END-LEFT

INSTALLATION OF ROOF PANELS  
MUST START WITH #1 PANEL, #2, #3,  
ETC.

FRONT OF HOUSE



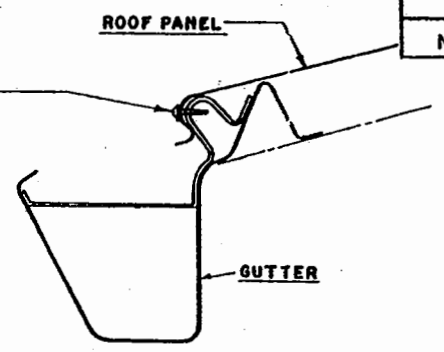
ERECTION		MANUAL
TITLE PANELS-ROOF & RIDGE INSTALLATION		
PREPARED BY P T	DATE 6-23-49	EFF. 2001 & SUB.
		DRAWING NUMBER EM-02-E-21.1



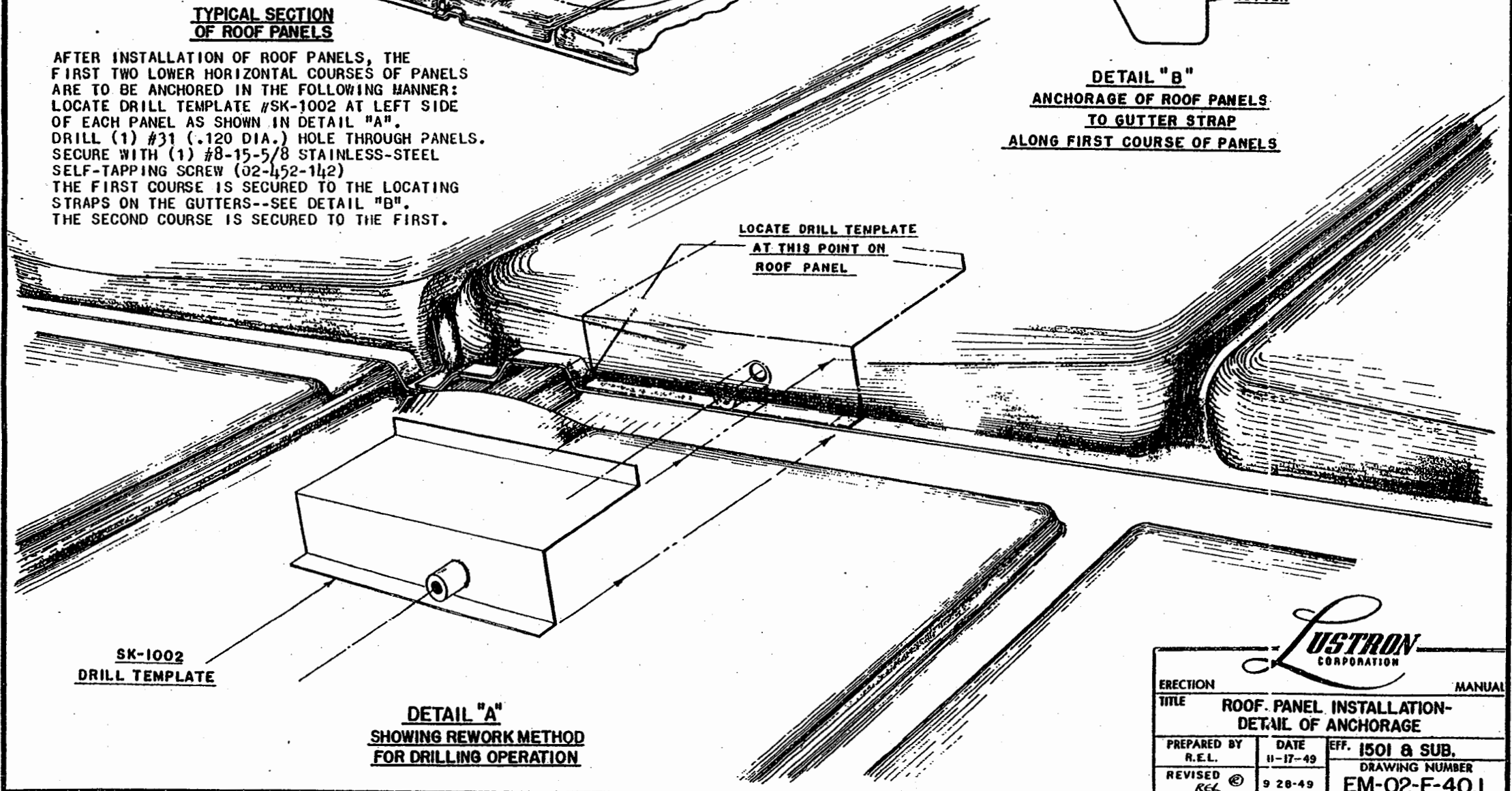
**TYPICAL SECTION  
OF ROOF PANELS**

AFTER INSTALLATION OF ROOF PANELS, THE FIRST TWO LOWER HORIZONTAL COURSES OF PANELS ARE TO BE ANCHORED IN THE FOLLOWING MANNER: LOCATE DRILL TEMPLATE #SK-1002 AT LEFT SIDE OF EACH PANEL AS SHOWN IN DETAIL "A". DRILL (1) #31 (.120 DIA.) HOLE THROUGH PANELS. SECURE WITH (1) #8-15-5/8 STAINLESS-STEEL SELF-TAPPING SCREW (02-452-142) THE FIRST COURSE IS SECURED TO THE LOCATING STRAPS ON THE GUTTERS--SEE DETAIL "B". THE SECOND COURSE IS SECURED TO THE FIRST.

**8-15 5/8 STAIN STEEL  
SELF-TAP. SCREW-  
WITH NEOPRENE WASHER  
(02-452-142)**



**DETAIL "B"  
ANCHORAGE OF ROOF PANELS  
TO GUTTER STRAP  
ALONG FIRST COURSE OF PANELS**



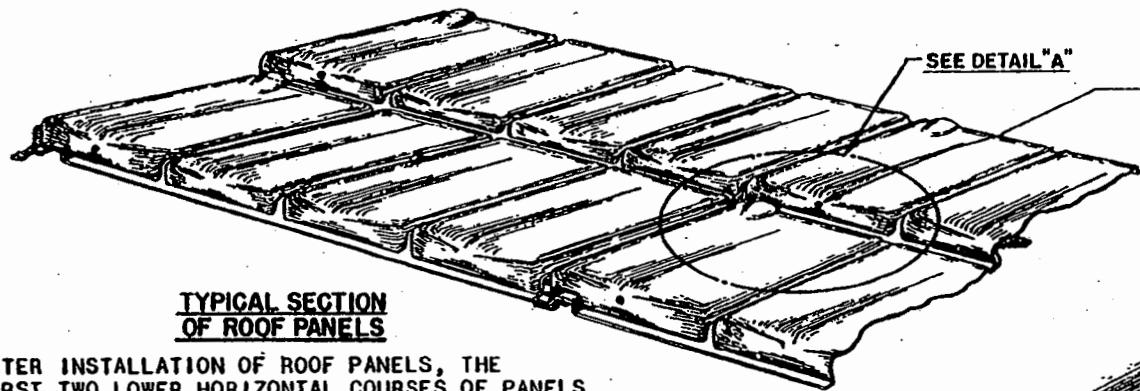
**LOCATE DRILL TEMPLATE  
AT THIS POINT ON  
ROOF PANEL**

**SK-1002  
DRILL TEMPLATE**

**DETAIL "A"  
SHOWING REWORK METHOD  
FOR DRILLING OPERATION**

**Lustron**  
CORPORATION

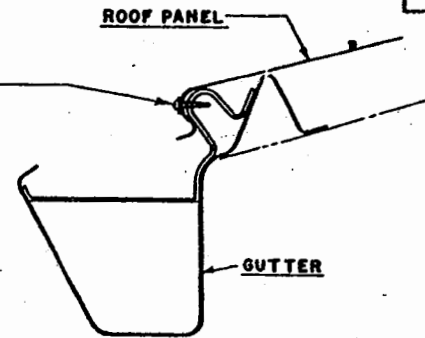
ERECTION	MANUAL	
TITLE	ROOF. PANEL. INSTALLATION- DETAIL OF ANCHORAGE	
PREPARED BY R.E.L.	DATE 11-17-49	EFF. 1501 & SUB. DRAWING NUMBER
REVISED RCL	9 28-49	EM-02-E-40.1



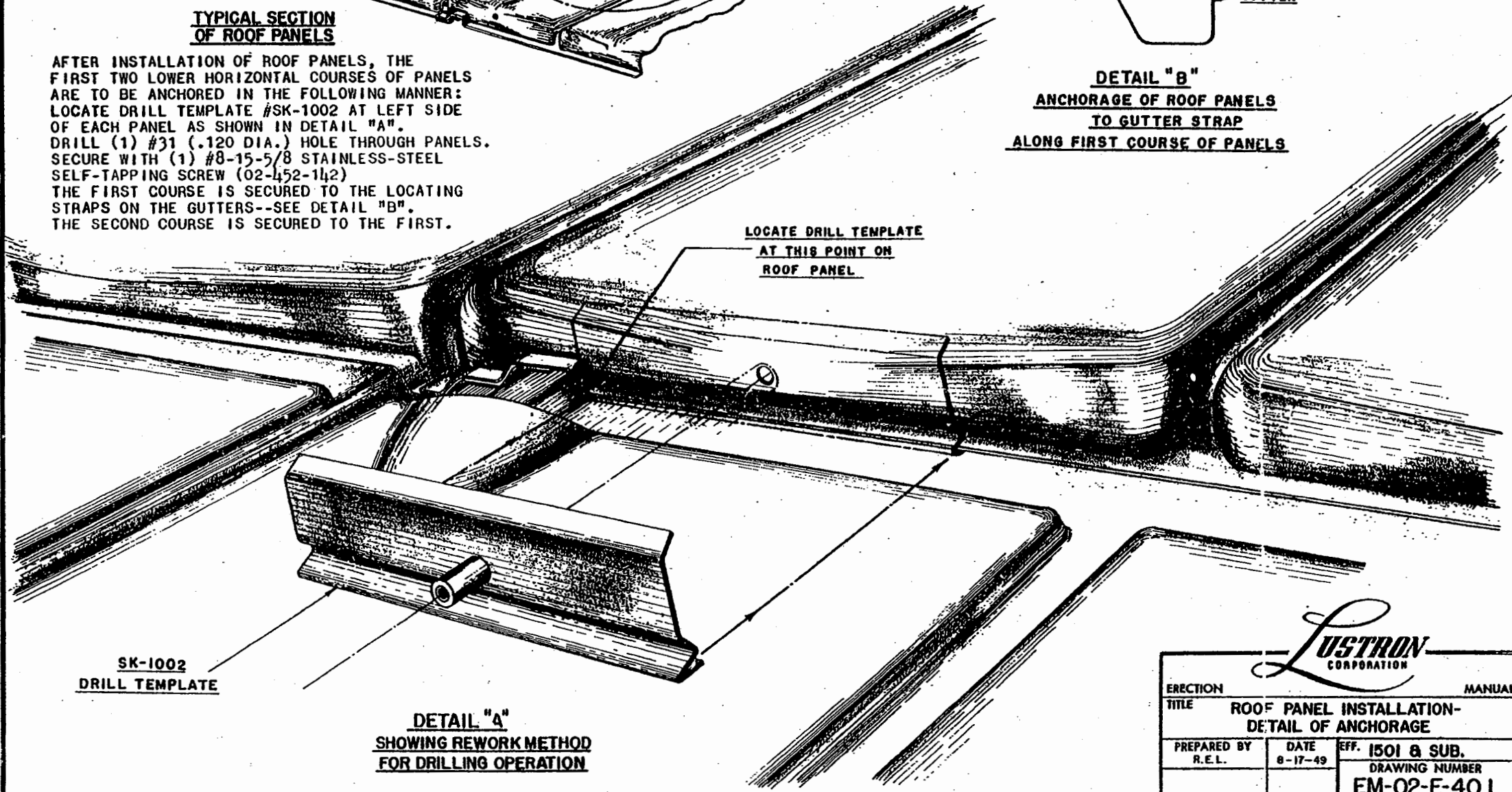
**TYPICAL SECTION  
OF ROOF PANELS**

AFTER INSTALLATION OF ROOF PANELS, THE FIRST TWO LOWER HORIZONTAL COURSES OF PANELS ARE TO BE ANCHORED IN THE FOLLOWING MANNER: LOCATE DRILL TEMPLATE #SK-1002 AT LEFT SIDE OF EACH PANEL AS SHOWN IN DETAIL "A". DRILL (1) #31 (.120 DIA.) HOLE THROUGH PANELS. SECURE WITH (1) #8-15-5/8 STAINLESS-STEEL SELF-TAPPING SCREW (02-452-142) THE FIRST COURSE IS SECURED TO THE LOCATING STRAPS ON THE GUTTERS--SEE DETAIL "B". THE SECOND COURSE IS SECURED TO THE FIRST.

**8-15 5/8 STAIN. STEEL  
SELF-TAP. SCREW-  
WITH NEOPRENE WASHER  
(02-452-142)**



**DETAIL "B"  
ANCHORAGE OF ROOF PANELS  
TO GUTTER STRAP  
ALONG FIRST COURSE OF PANELS**



**LOCATE DRILL TEMPLATE  
AT THIS POINT ON  
ROOF PANEL**

**SK-1002  
DRILL TEMPLATE**

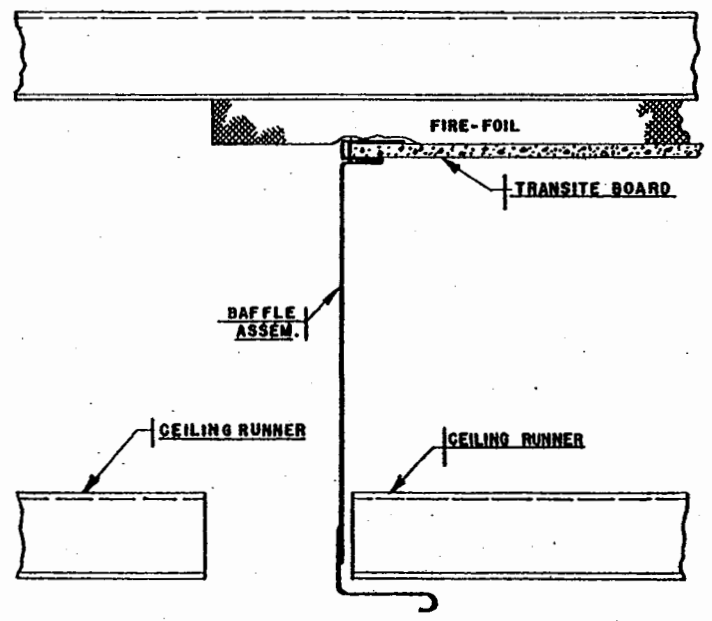
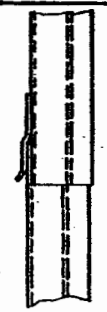
**DETAIL "A"  
SHOWING REWORK METHOD  
FOR DRILLING OPERATION**



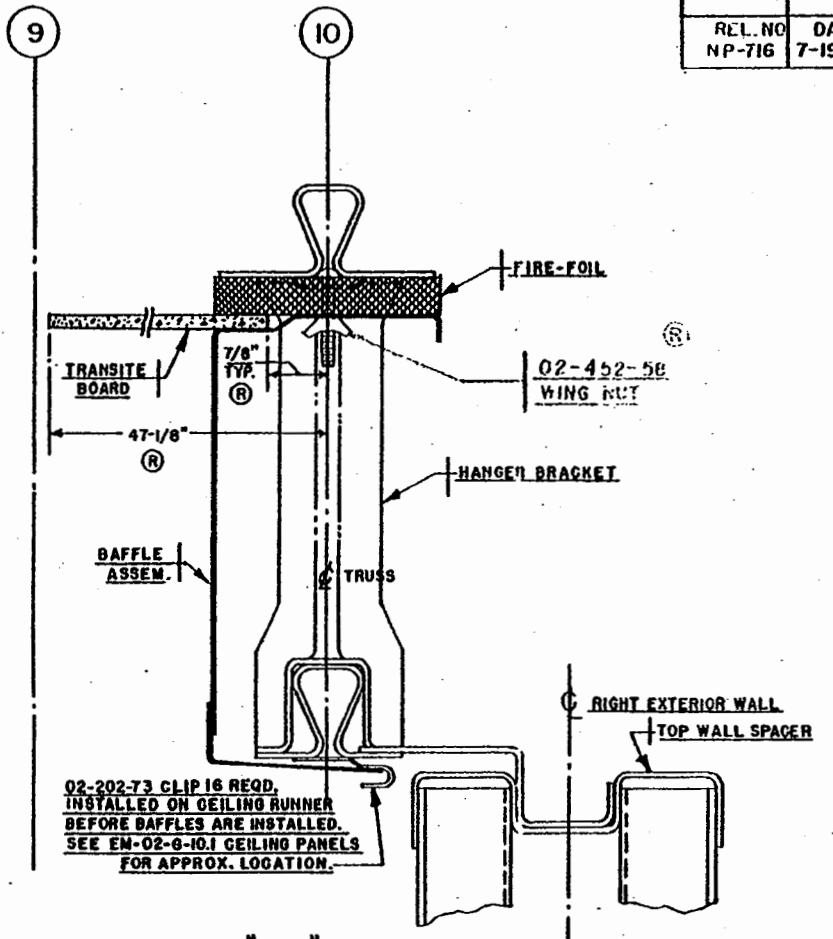
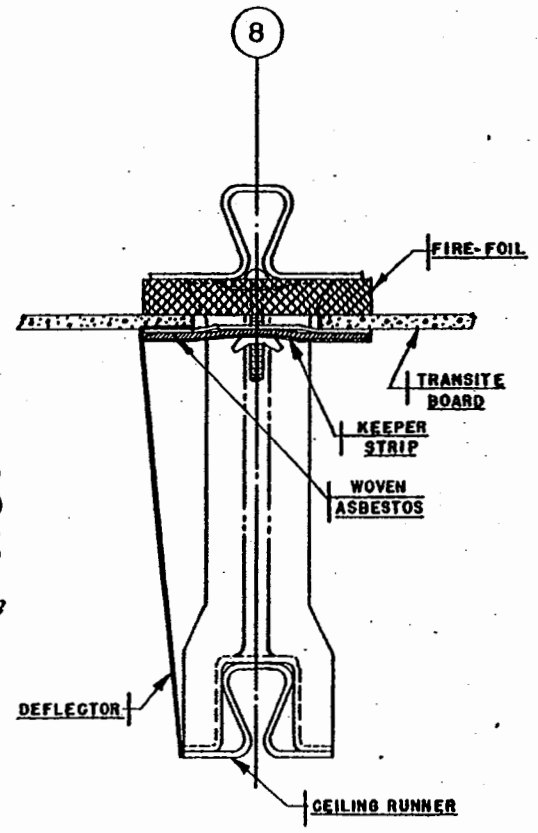
ERECTION TITLE	MANUAL	
ROOF PANEL INSTALLATION- DETAIL OF ANCHORAGE		
PREPARED BY R.E.L.	DATE 8-17-49	EFF. 1501 & SUB. DRAWING NUMBER EM-02-E-40.1

REL. NO. NP-329	DATE 1-20-49
REL. NO. NP-361	DATE 2-24-49
REL. NO. NP-679	DATE 6-8-49
REL. NO. NP-716	DATE 7-19-49

**TOP VIEW OF A TYPICAL  
BAFFLE JOINT**



**SECTION "C-C"**



**SECTION "A-A"  
THRU RIGHT SIDE OF PLENUM**

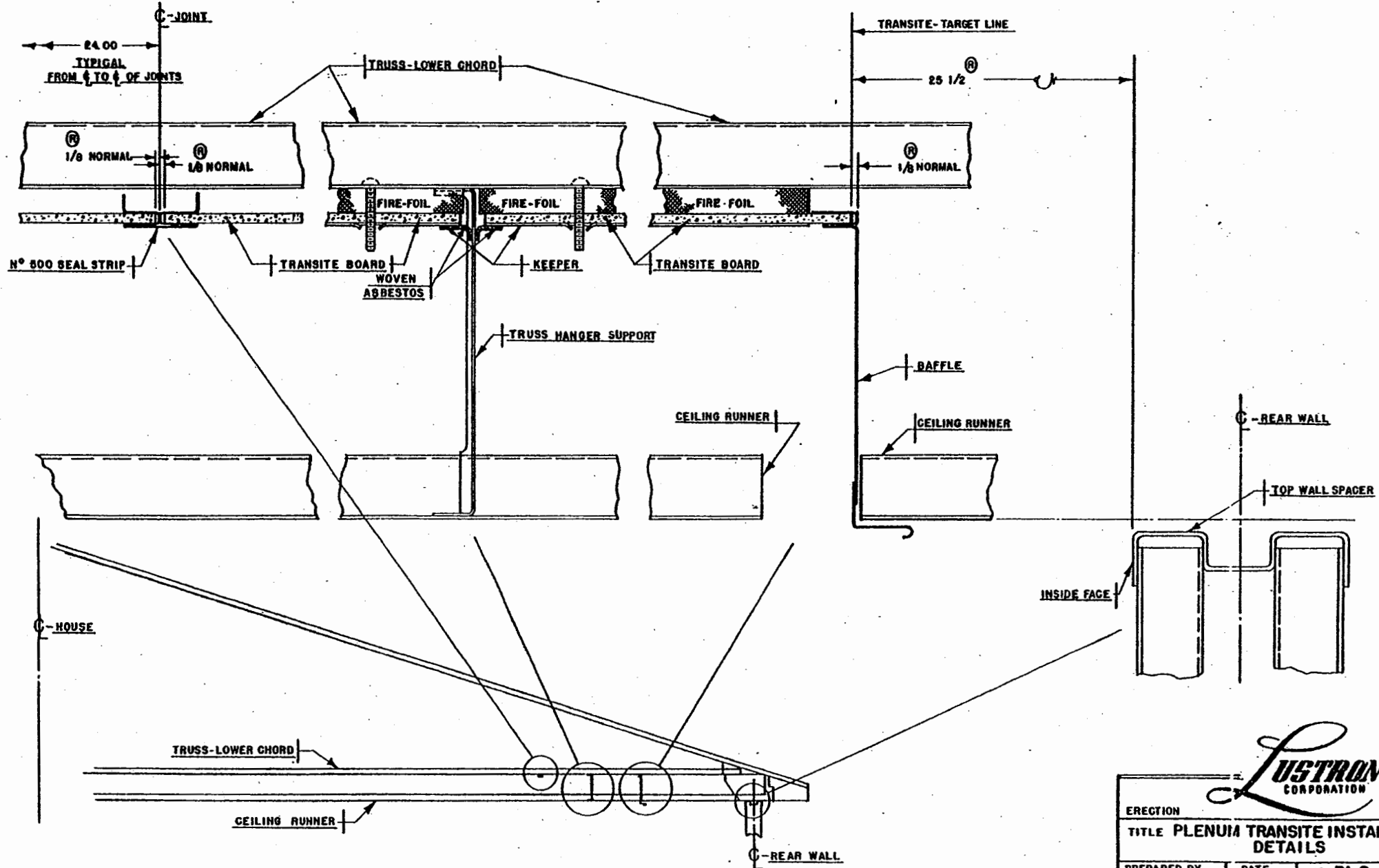


ERECTION		MANUAL	
TITLE PLENUM TRANSITE INSTALLATION DETAILS			
PREPARED BY GBE	DATE 2-1-49	EFF 31 & SUB. DRAWING NUMBER	
REVISED PT	DATE 6-8-49	EM-02-F-10.11	

REVISED BY  
7-13-49 P.T.



REL. NO. NP-350	DATE 2-21-49
NP-679	6-8-49



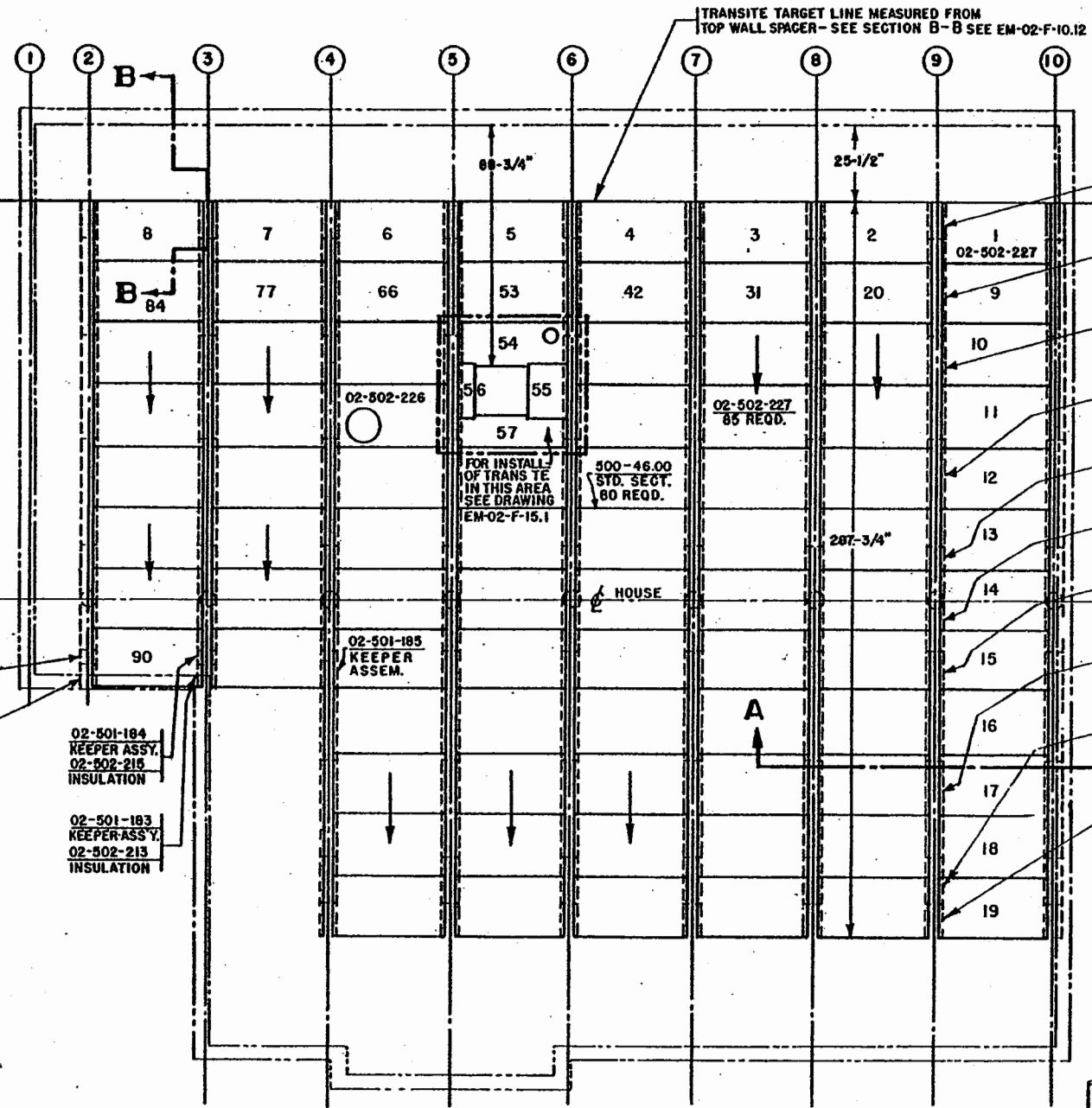
**Lustron**  
CORPORATION

ERECTION	MANUAL	
TITLE <b>PLENUM TRANSITE INSTALLATION</b> DETAILS		
PREPARED BY GBE	DATE 1-31-49	EFF. 31 & SUB.
REVISED 6-7-49	R. H. G.	DRAWING NUMBER EM-02-F-10.12

REL. NO.	DATE
NP-329	2-20-49
REL. NO.	DATE
NP-361	2-24-49
NP-679	6-8-49

**ERECTION PROCEDURE-  
PLENUM INSULATION**

1. INSTALL FIRE-FOIL STRIPS ALONG LOWER FACE OF TRUSS LOWER CHORD. START AT REAR OF HOUSE AND PROCEED TOWARD FRONT ON EACH TRUSS. FIRE-FOIL IS SECURED BY WELD-STUDS ON TRUSS AND KEEPER STRIPS WHICH ARE SECURED WITH WING-NUTS AT THE TIME OF INSTALLATION OF TRANSITE.
2. INSTALL TRANSITE (CEMENT-BOARD PANELS). FIRST PIECE (02-502-227) IS LOCATED FROM REAR WALL AND RIGHT SIDE WALL. IT IS SECURED AT RIGHT WALL WITH BAFFLE ASSEMBLY WHICH IS INSTALLED AT THIS TIME. THE FIRST ROW OF TRANSITE BOARD IS INSTALLED ALONG REAR OF HOUSE (IN SEQUENCE INDICATED AS #1 THRU #8) AFTER STARTING LINE IS SET UP. THE NEXT ROW OF TRANSITE IS INSTALLED ALONG RIGHT SIDE OF HOUSE (IN SEQUENCE INDICATED AS #9 THRU #19) AND SECURED BY INSTALLATION OF PROPER BAFFLES. THE REMAINING AREA IS paneled IN SEQUENCE AS INDICATED. EACH SUBSEQUENT ROW OF TRANSITE (AREA BETWEEN ADJACENT TRUSSES) IS INSTALLED FROM REAR TOWARD FRONT OF HOUSE.
3. SCUTTLE ASSEMBLY (02-531-9) IS INSTALLED AFTER #53 TRANSITE BOARD IS SECURED. SEE DRAWING EM-02-F-15.1.



- ON TRUSSES #3 THROUGH #9 02-501-174 7 REOD. KEEPER ASSEM.
- ON TRUSSES #2 THROUGH #10 02-502-213 9 REOD. INSULATION
- ON TRUSSES #3 THROUGH #9 02-501-62 7 REOD. KEEPER ASSEM.
- ON TRUSSES #2 THROUGH #10 02-502-64 9 REOD. INSULATION
- ON TRUSSES #3 THROUGH #9 02-501-182 7 REOD. KEEPER ASSEM.
- ON TRUSSES #2 THROUGH #10 02-502-64 9 REOD. INSULATION
- ON TRUSSES #3 THROUGH #9 02-501-182 7 REOD. KEEPER ASSEM.
- ON TRUSSES #2 THROUGH #10 02-502-64 9 REOD. INSULATION
- ON TRUSSES #3 THROUGH #9 02-501-176 7 REOD. KEEPER ASSEM.
- ON TRUSSES #2 THROUGH #10 02-502-216 9 REOD. INSULATION
- ON TRUSSES #2 THROUGH #10 02-502-216 9 REOD. INSULATION
- ON TRUSSES #5 THROUGH #9 02-501-132 5 REOD. KEEPER ASSEM.
- ON TRUSSES #4 THROUGH #10 02-502-64 7 REOD. INSULATION
- ON TRUSSES #5 THROUGH #9 02-501-182 5 REOD. KEEPER ASSEM.
- ON TRUSSES #4 THROUGH #10 02-502-64 7 REOD. INSULATION
- ON TRUSSES #5 THROUGH #9 02-501-190 5 REOD. KEEPER ASSEM.
- ON TRUSSES #4 THROUGH #10 02-502-117 7 REOD. INSULATION
- ON TRUSSES #5 THROUGH #9 02-501-174 5 REOD. KEEPER ASSEM.
- ON TRUSSES #4 THROUGH #10 02-502-213 7 REOD. INSULATION

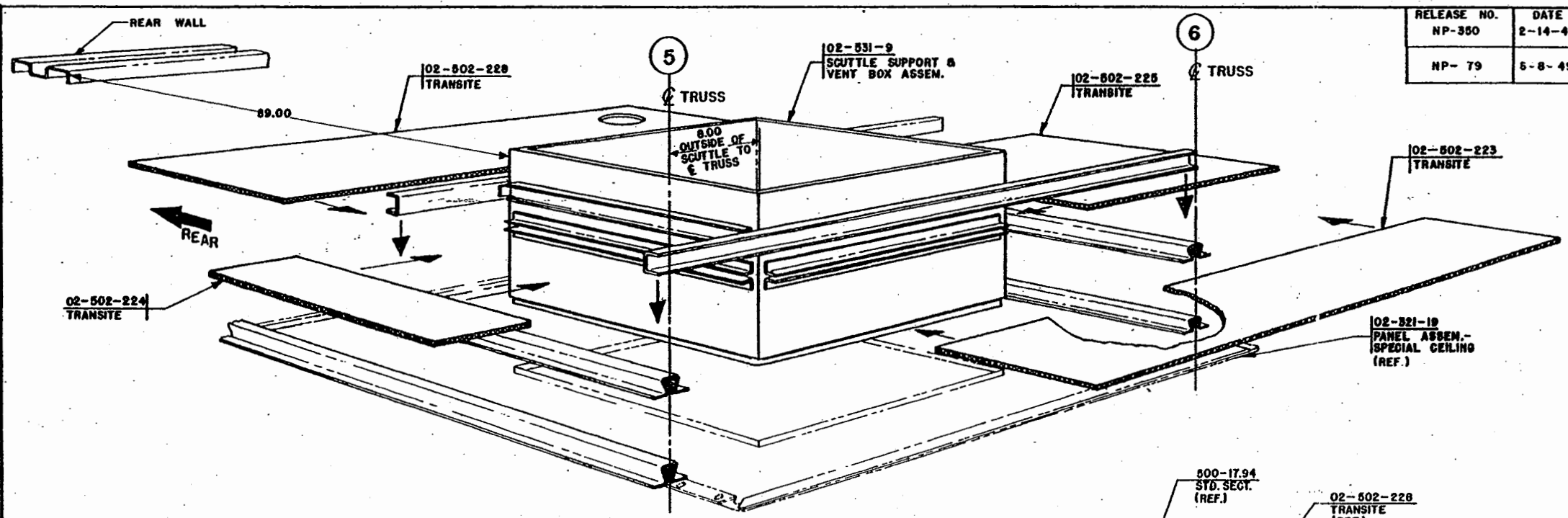
FOR SECTION "A-A" SEE EM-02-F-10.11  
FOR SECTION "B-B" SEE EM-02-F-10.12

NOTE:  
HANDLE TRANSITE WITH EXTREME CARE TO AVOID BREAKAGE.  
STORE FIRE-FOIL IN DRY PLACE.

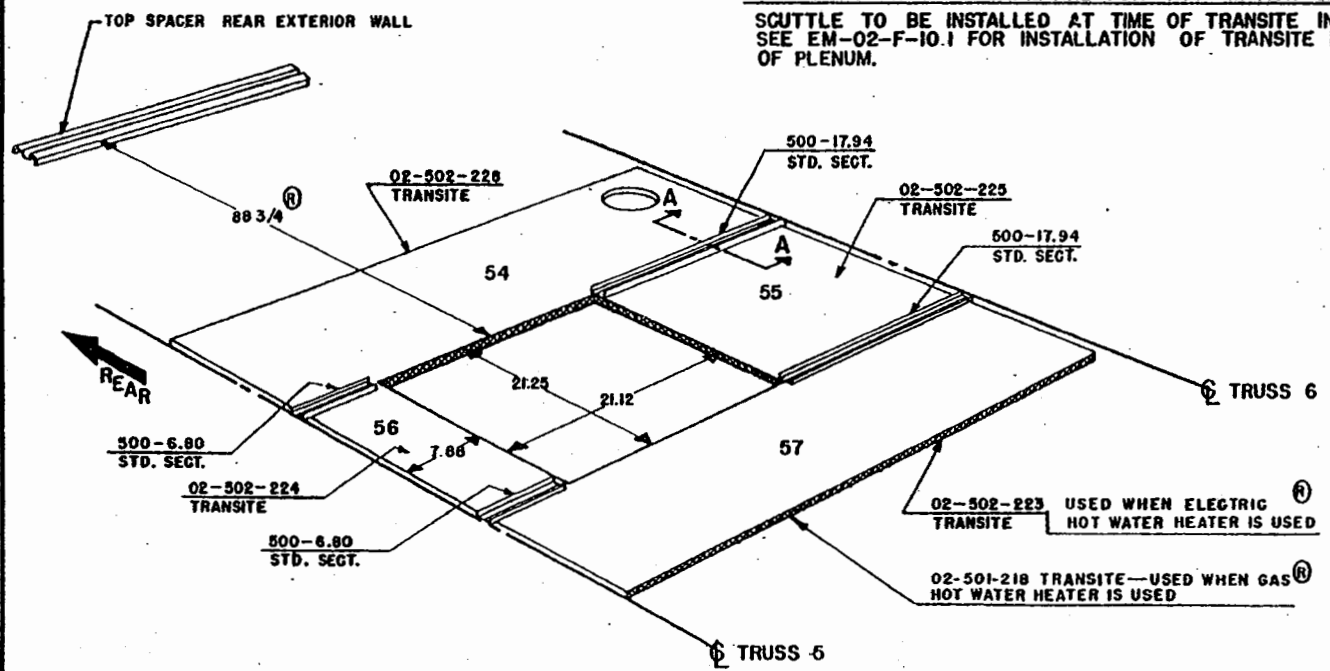


ERECTION		MANUAL	
TITLE PLENUM TRANSITE INSTALLATION			
PREPARED BY	DATE	EFF. 101 THRU 3000 ®	
W. C. G.	2-14-49	DRAWING NUMBER	
		EM-02-F-10.1	

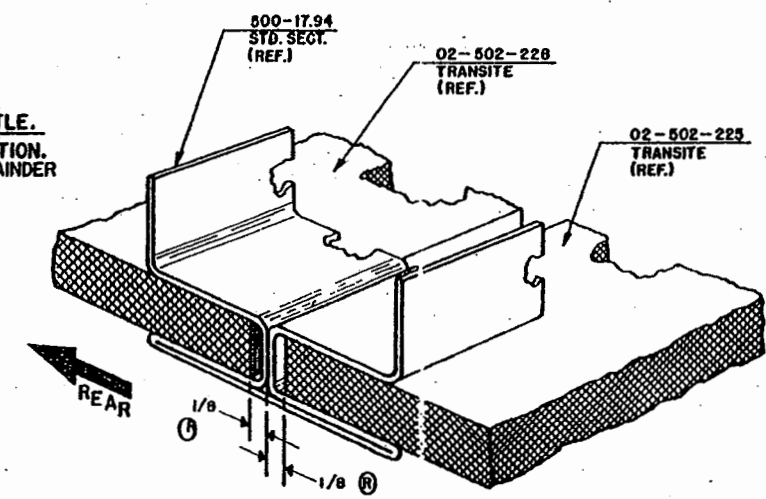
RELEASE NO. NP-350	DATE 2-14-48
NP-79	5-8-49



DIMENSIONS ON THIS DETAIL ARE FOR INSTALLATION OF SCUTTLE.  
 SCUTTLE TO BE INSTALLED AT TIME OF TRANSITE INSTALLATION.  
 SEE EM-02-F-10.1 FOR INSTALLATION OF TRANSITE IN REMAINDER  
 OF PLENUM.



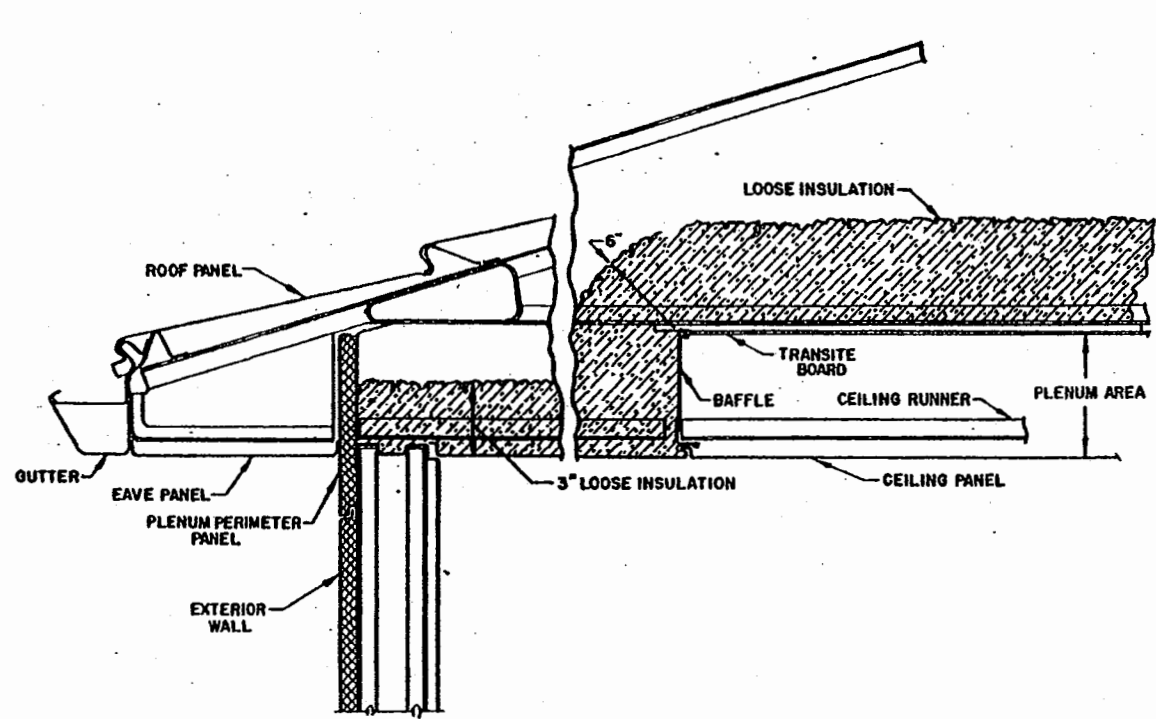
THE DIMENSIONS GIVEN ABOVE ARE  
 FOR LOCATION OF TRANSITE ONLY.



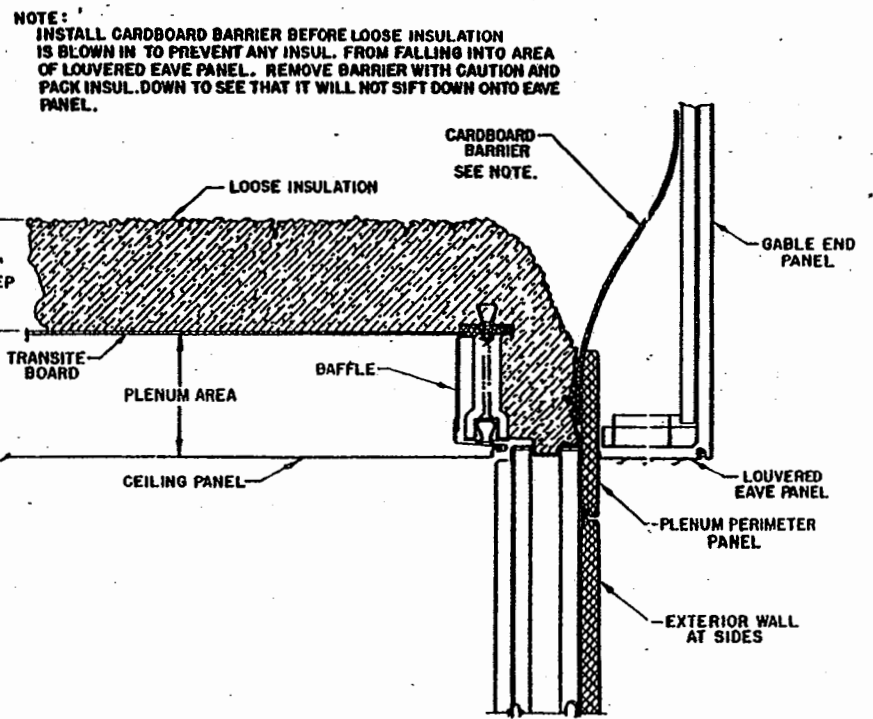
SECTION "A-A"



ERECTION		MANUAL
TITLE SCUTTLE INSTALLATION		
PREPARED BY R. L. S.	DATE 2-14-49	EFF. 101 THRU 3000 (H)
REVISED 6-8-49 (H)	R. H. G.	DRAWING NUMBER EM-02-F-15.1



**SECTION THRU PLENUM  
AT FRONT OR REAR**

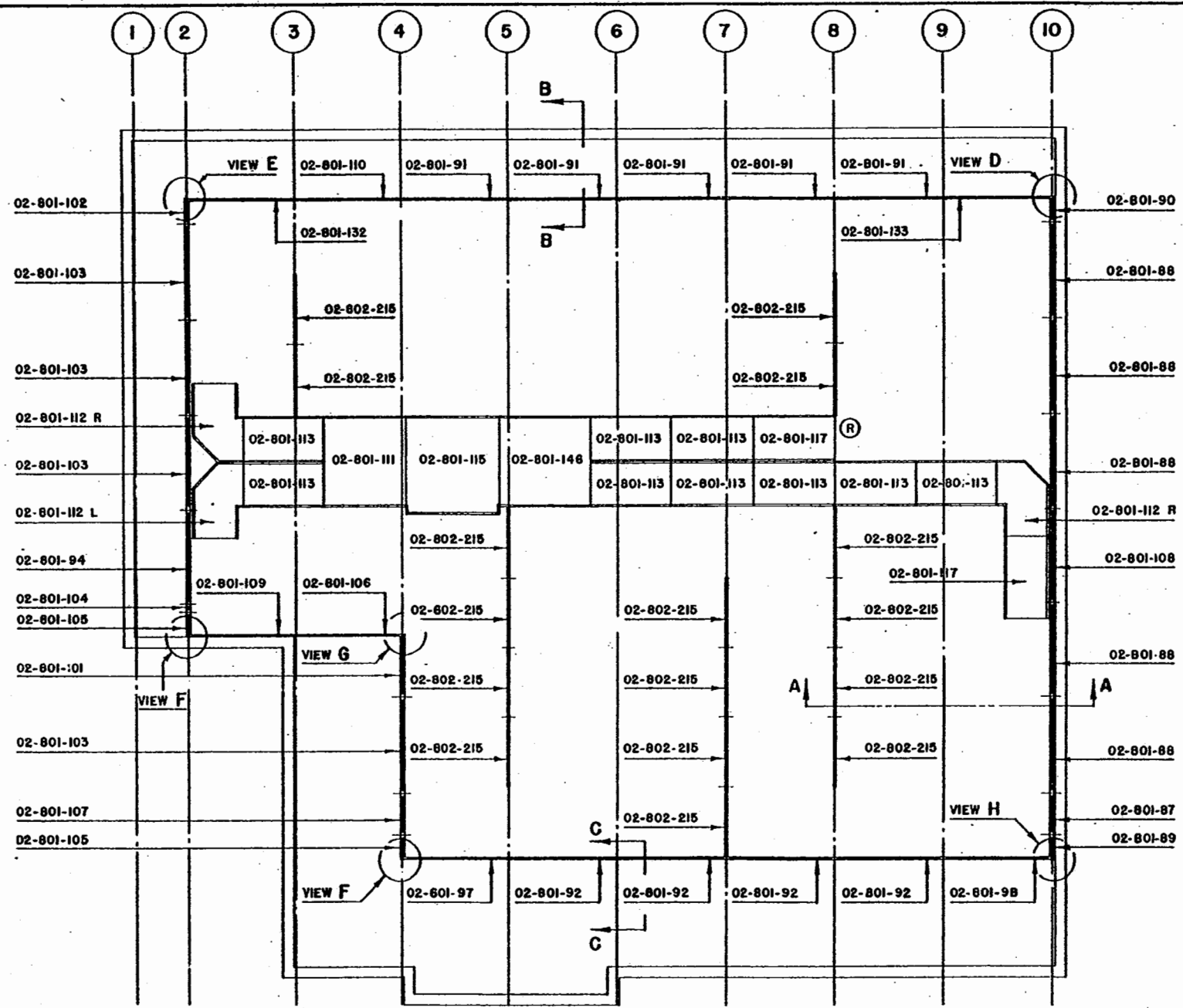


**SECTION THRU PLENUM  
AT GABLE END  
RIGHT HAND SHOWN**

**NOTE:**  
INSTALL CARDBOARD BARRIER BEFORE LOOSE INSULATION IS BLOWN IN TO PREVENT ANY INSUL. FROM FALLING INTO AREA OF LOUVERED EAVE PANEL. REMOVE BARRIER WITH CAUTION AND PACK INSUL. DOWN TO SEE THAT IT WILL NOT SIFT DOWN ONTO EAVE PANEL.



ERECTION		MANUAL
TITLE <b>INSTALLATION OF LOOSE FILL INSULATION</b>		
PREPARED BY G.E.	DATE 5-3-49	EFF. <b>31 &amp; SUB</b>
		DRAWING NUMBER <b>EM-02-F-20.11</b>



**CAUTION**

LOOSE FILL INSULATION MUST BE KEPT FROM COVERING THE LOUVERED EAVE PANELS. IF THE PANELS BECOME COVERED, THEY MUST BE CLEARED.

LOOSE FILL INSULATION MAY BE ANY ONE OF THE FOLLOWING TYPES:


MATERIAL	TYPE	QUANTITY REQ. PER HSE.
FIBERGLAS	BLWJN	(38) 30-LB BAGS
FIBERGLAS	POJRED	(76) 35-LB BAGS
FIBERGLAS	SH'EDDED	(122) 30-LB BAGS
MINERAL WOOL	BLWJN	(76) 40-LB BAGS
MINERAL WOOL	SH'EDDED (POURING)	(76) 40-LB BAGS
MINERAL WOOL	SH'EDDED (BLOWN)	(69) 40-LB BAGS
INSULWOOL	BLWJN	(84) 15-LB BAGS

INSULATION MUST MEET SPECIFICATIONS AS (R) SHOWN IN MASTER SPECIFICATIONS, PAGE 9 & 10, PARAGRAPHS 3 AND 4, OF MAY 6, 1949 ISSUE, REVISED DATE OF JUNE 23, 1949.

**NOTE**

WHEN BAFFLES AROUND THE PERIMETER OF THE HOUSE ARE INSTALLED, CARE MUST BE TAKEN TO MAKE ALL JOINTS TIGHT.

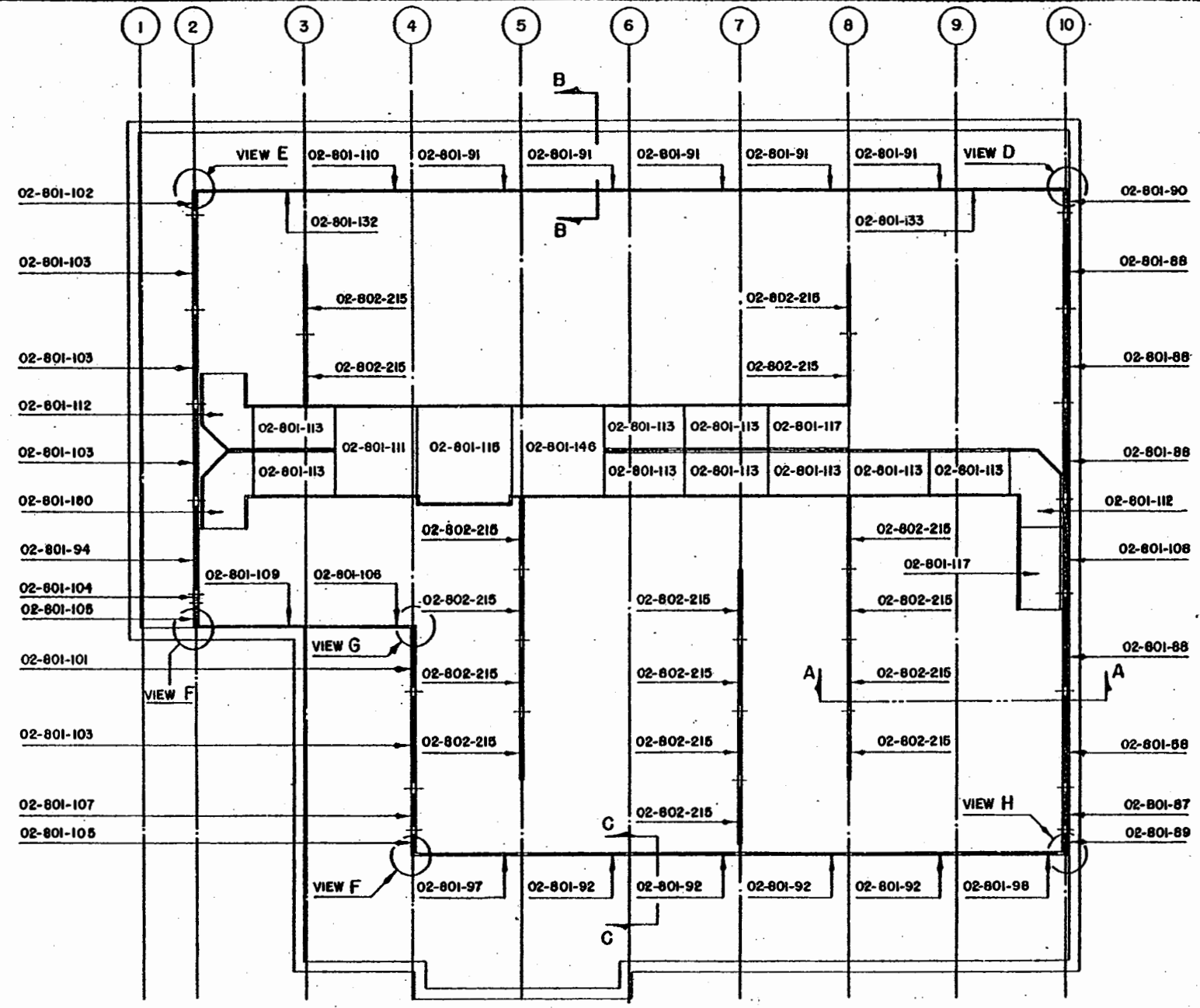
THIS PAGE SUPERSEDES EM-02-F-21.1 AT HOUSE 1501.

CODE :   

 BAFFLES   
 DUCTS   
 † OF TRUSS

NOTES :   
 FOR SECTION A-A SEE EM-02-F-10.11   
 FOR SECTION B-B SEE EM-02-F-10.12   
 FOR SECTION C-C SEE EM-02-F-10.11   
 FOR VIEWS D, E, F, G, AND H SEE EM-02-F-30.1   
 FOR FURTHER DUCT INSTALLATION SEE EM-02-F-41.1



ERECTION		MANUAL
TITLE		
BAFFLE AND DUCT INSTALLATION		
PREPARED BY	DATE	EFF. 1501 THRU 2000
J B R	7-19-49	DRAWING NUMBER
		EM-02-F-22.1



AFTER COMPLETION OF PLENUM CHAMBER, TEST FOR LEAKS— WITH FURNACE FAN RUNNING, LIGHT (1) 02-452-141 SMOKE BOMB AND PLACE IN FURNACE THROUGH FAN ACCESS DOOR. PLACE BOMB BELOW FAN CAGE. CHECK FOR LEAKS IN ATTIC ABOVE PLENUM—LOCATE AND PLUG ALL LEAKS WITH 02-372-78 ASBESTOS CEMENT— LIGHT (1) MORE BOMB AND MAKE FINAL INSPECTION. (NOTE: 2 BOMBS SHIPPED PER HOUSE.) AFTER BAFFLES, DUCTS, AND TRANSITE ARE INSTALLED, INSTALL LOOSE FILL INSULATION. SEE EM-02-F-20.1.

**CAUTION**  
 LOOSE FILL INSULATION MUST BE KEPT FROM COVERING THE LOUVERED EAVE PANELS. IF THE PANELS BECOME COVERED, THEY MUST BE CLEARED.

LOOSE FILL INSULATION MAY BE ANY ONE OF THE FOLLOWING TYPES:

MATERIAL	TYPE	QUANTITY REQ. PER HSE.
FIBERGLAS	BLOWN	(38) 30-LB BAGS
FIBERGLAS	POURED	(76) 35-LB BAGS
FIBERGLAS	SHFEDDED	(122) 30-LB BAGS
MINERAL WOOL	BLC'WN	(76) 40-LB BAGS
MINERAL WOOL	SHREDDED (POURING)	(76) 40-LB BAGS
MINERAL WOOL	SHREDDED (BLOWN)	(88) 40-LB BAGS
INSULWOOL	BLOWN	(84) 15-LB BAGS

INSULATION MUST MEET SPECIFICATIONS AS SHOWN IN MASTER SPECIFICATIONS, PAGE 9 & 10 PARAGRAPHS 3 AND 4, OF MAY 6, 1949 ISSUE, REVISED DATE OF JUNE 23, 1949.

**NOTE**  
 WHEN BAFFLES AROUND THE PERIMETER OF THE HOUSE ARE INSTALLED, CARE MUST BE TAKEN TO MAKE ALL JOINTS TIGHT.

**CODE:**  
 ———+——— BAFFLES  
 ——— DUCTS  
 φ OF TRUSS

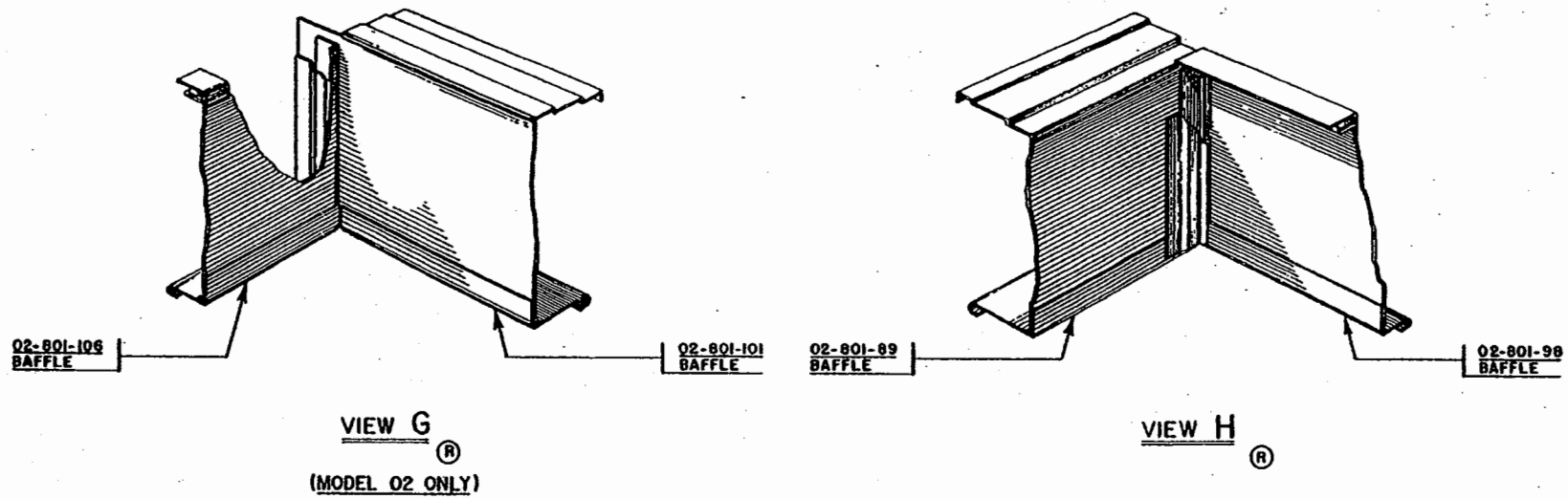
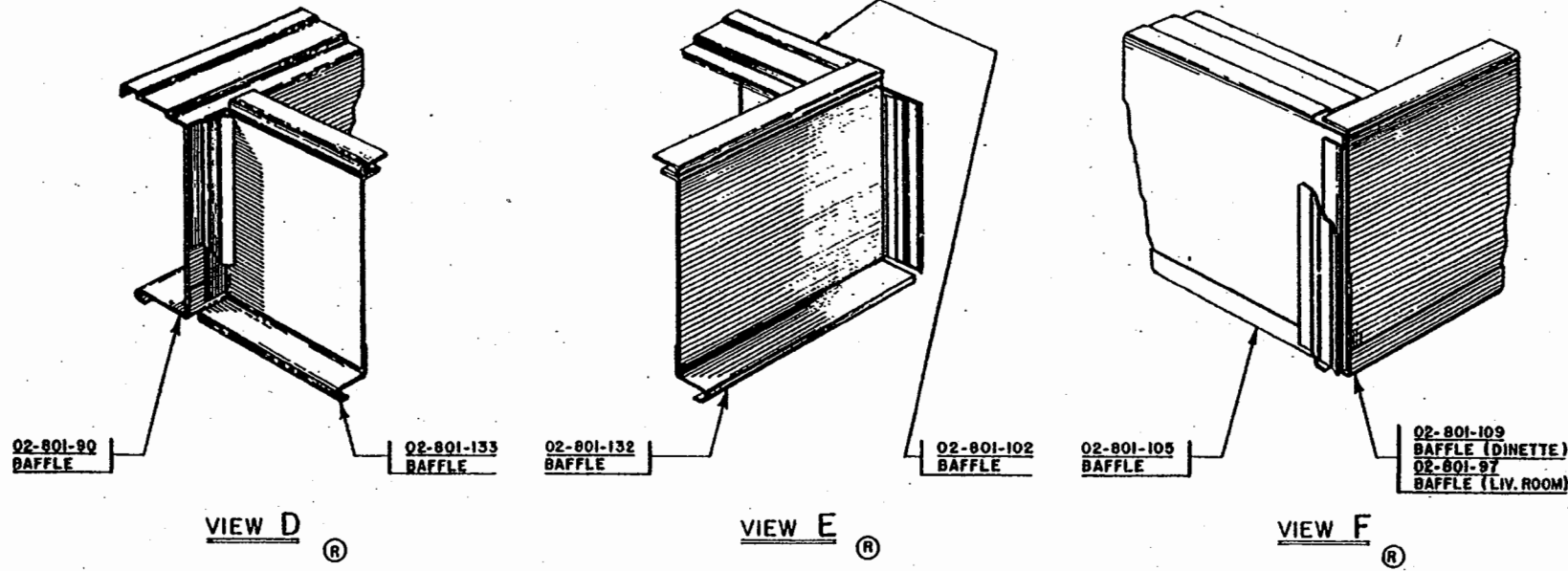
**NOTES:** FOR SECTION A-A SEE EM-02-F-10.11  
 FOR SECTION B-B SEE EM-02-F-10.12  
 FOR SECTION C-C SEE EM-02-F-10.11  
 FOR VIEWS D, E, F, G AND H SEE EM-02-F-30.1  
 FOR FURTHER DUCT INSTALLATION SEE EM-02-F-41.1

**NOTE:** THIS PAGE SUPERSEDES EM-02-F-22.1 AT HOUSE NO. 2001.



ERECTION		MANUAL	
TITLE			
BAFFLE AND DUCT INSTALLATION			
PREPARED BY	DATE	EFF. 2001 & SUB.	
G.E.	7-21-49	DRAWING NUMBER	
		EM-02-F-23.1	

RELEASE NO. NP-350	DATE 2-21-49
NP-700	6-24-49
NP 716	7-19-49
NP-740	8-22-49



ERECTION		MANUAL	
TITLE BAFFLE INSTALLATION - DETAILS			
PREPARED BY JBR	DATE 2-18-49	EFF. 31 & SUBS.	
REVISION 6-24-49	BY W.C.G.	DRAWING NUMBER EM-02-F-30.1	

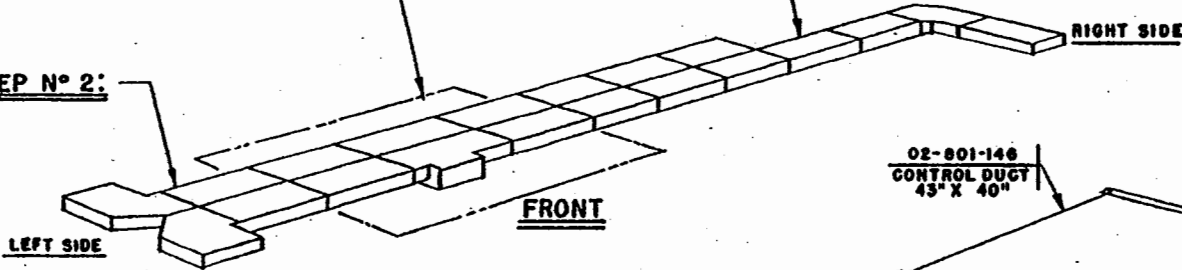
REVISED 8-22-49	BY R.E.L.	REVISED 7-19-49	BY MWC
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RELEASE NO.	DATE
NP-670	5-18-49
NP-716	7-19-49

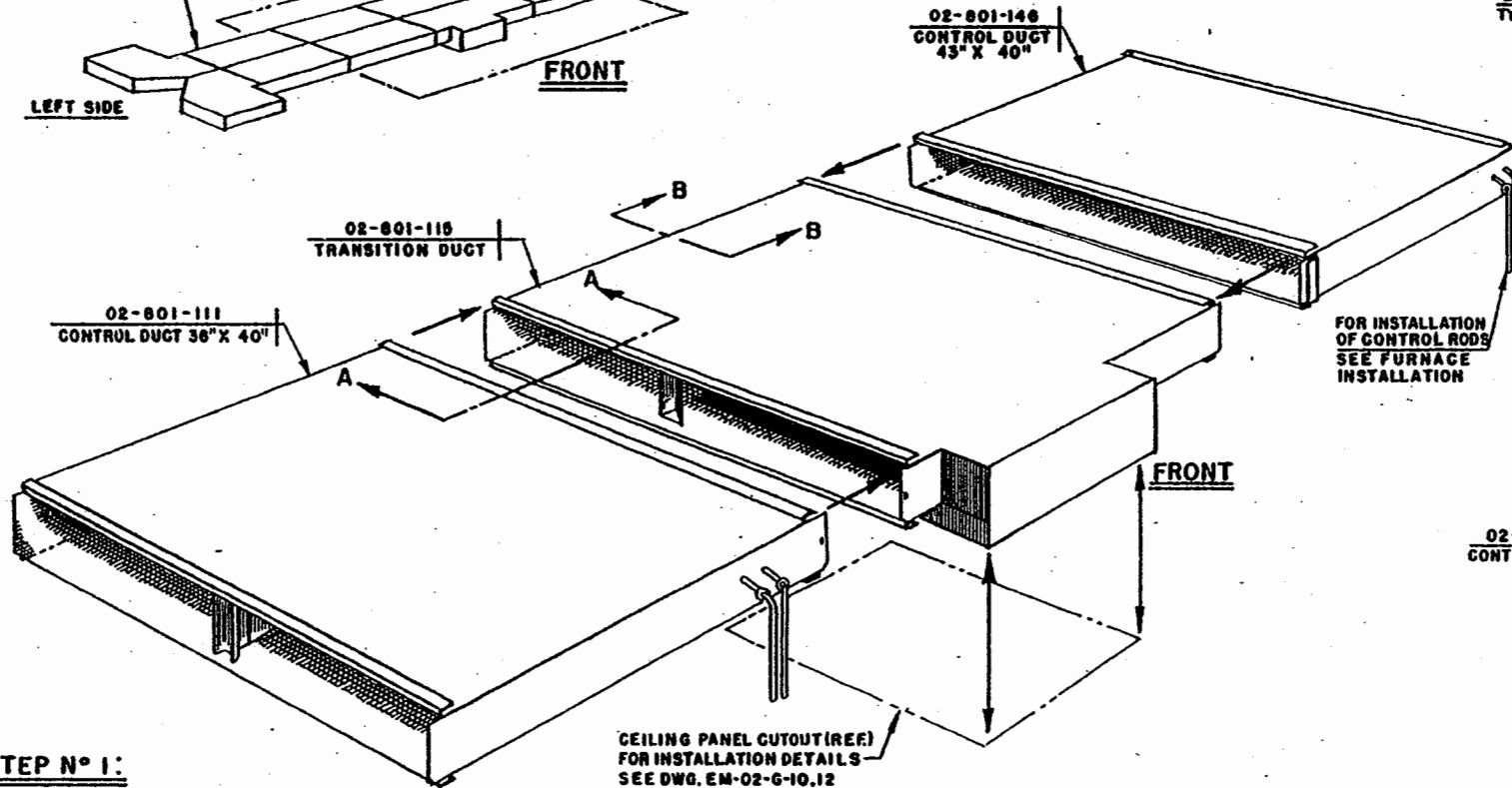
**STEP N° 1:**

FOR DETAILED VIEW OF THIS AREA SEE ENLARGED PERSPECTIVE BELOW.

**STEP N° 2:**



**STEP N° 3:**



**STEP N° 1:**

POSITION 02-801-115 TRANSITION DUCT, HOLDING TO DIMENSIONS GIVEN IN SECTIONS A-A AND B-B. ASSEMBLE 02-801-146 CONTROL DUCT & 02-801-111 CONTROL DUCT IN ORDER NAMED TO 02-801-115 TRANSITION DUCT.

**STEP N° 2:**

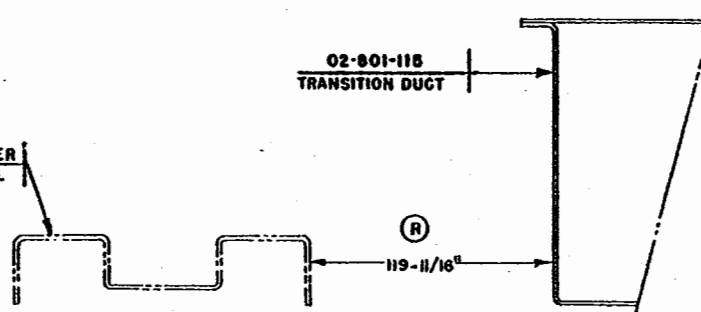
INSTALL LEFT SIDE DUCT SYSTEM, WORKING TO THE LEFT FROM 02-801-111 CONTROL DUCT. SEE SECTION A-A FOR TYPICAL DUCT JOINT.

**STEP N° 3:**

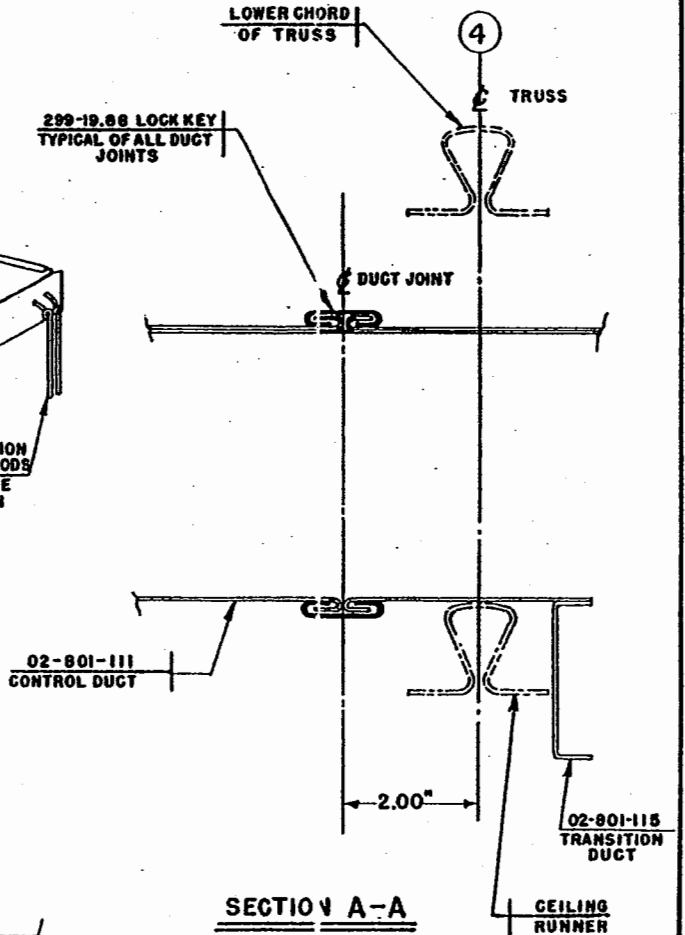
INSTALL RIGHT SIDE DUCT SYSTEM, WORKING TO THE RIGHT FROM 02-801-146 CONTROL DUCT. SEE SECTION A-A FOR TYPICAL DUCT JOINT.

Ⓡ

TOP SPACER  
REAR WALL



**SECTION B-B**



**SECTION A-A**

**NOTE** THIS PAGE SUPERSEDES EM-02-F-40.1 THRU HOUSE 1500



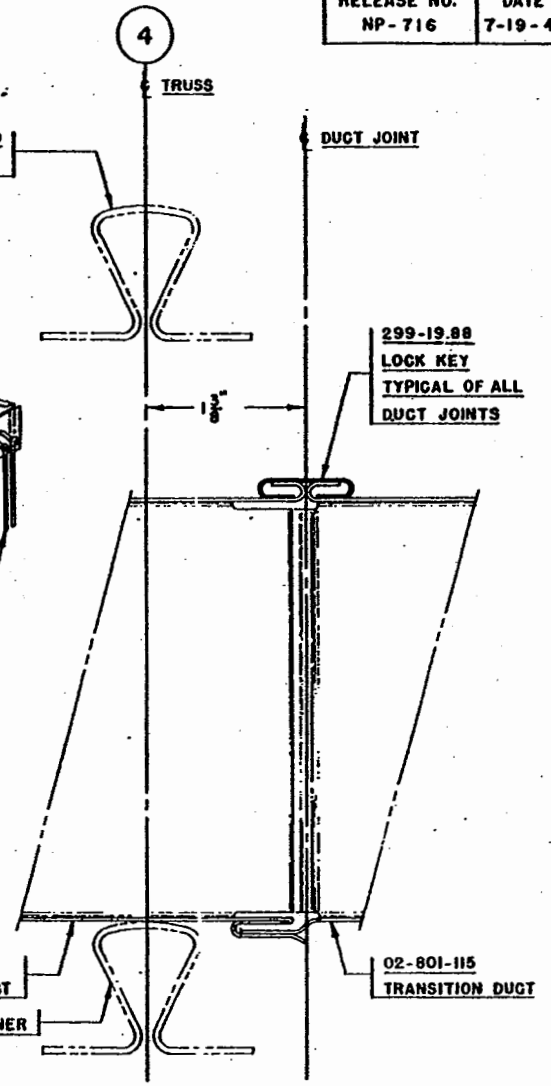
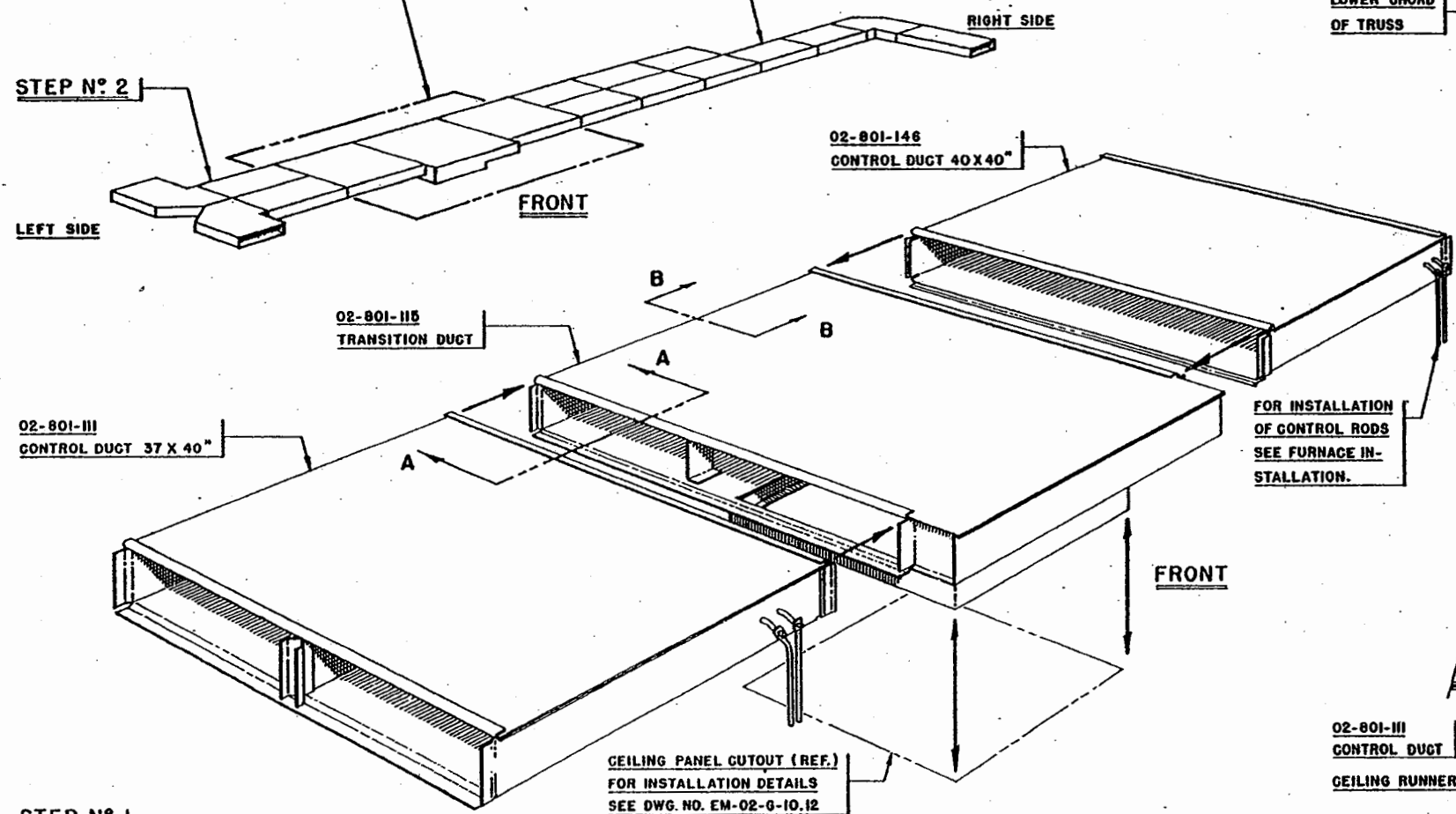
ERECTION		MANUAL	
TITLE DUCT INSTALLATION-DETAILS			
PREPARED BY	J A T E	EFF. 31 THRU 1500 Ⓡ	
W. C. G.	5-18-49	DRAWING NUMBER	
REVISED	BY	EM-02-F-39.1	
7-19-49 Ⓡ	J B R		



**STEP N° 1**  
FOR DETAILED VIEW OF THIS AREA  
SEE ENLARGED PERSPECTIVE BELOW.

**STEP N° 2**

**STEP N° 3**



**STEP N° 1**

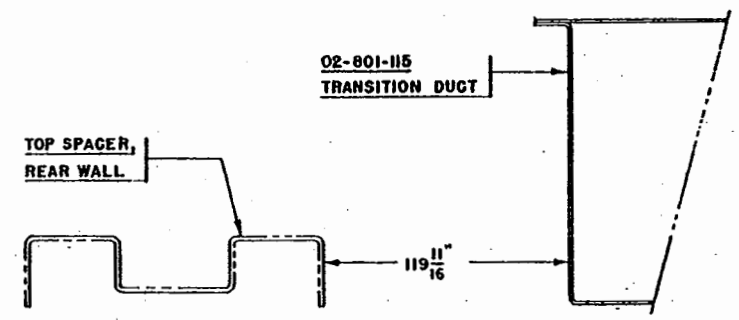
POSITION 02-801-115 TRANSITION DUCT, HOLDING TO DIMENSIONS GIVEN IN SECTIONS A-A AND B-B. ASSEMBLE 02-801-146 CONTROL DUCT AND 02-801-113 CONTROL DUCT, IN ORDER NAMED, TO 02-801-115 TRANSITION DUCT.

**STEP N° 2**

INSTALL LEFT SIDE DUCT SYSTEM, WORKING TO THE LEFT FROM 02-801-113 CONTROL DUCT. SEE SECTION A-A FOR TYPICAL DUCT JOINT.

**STEP N° 3**

INSTALL RIGHT SIDE DUCT SYSTEM, WORKING TO THE RIGHT FROM 02-801-146 CONTROL DUCT. SEE SECTION A-A FOR TYPICAL DUCT JOINT.



**SECTION B-B**

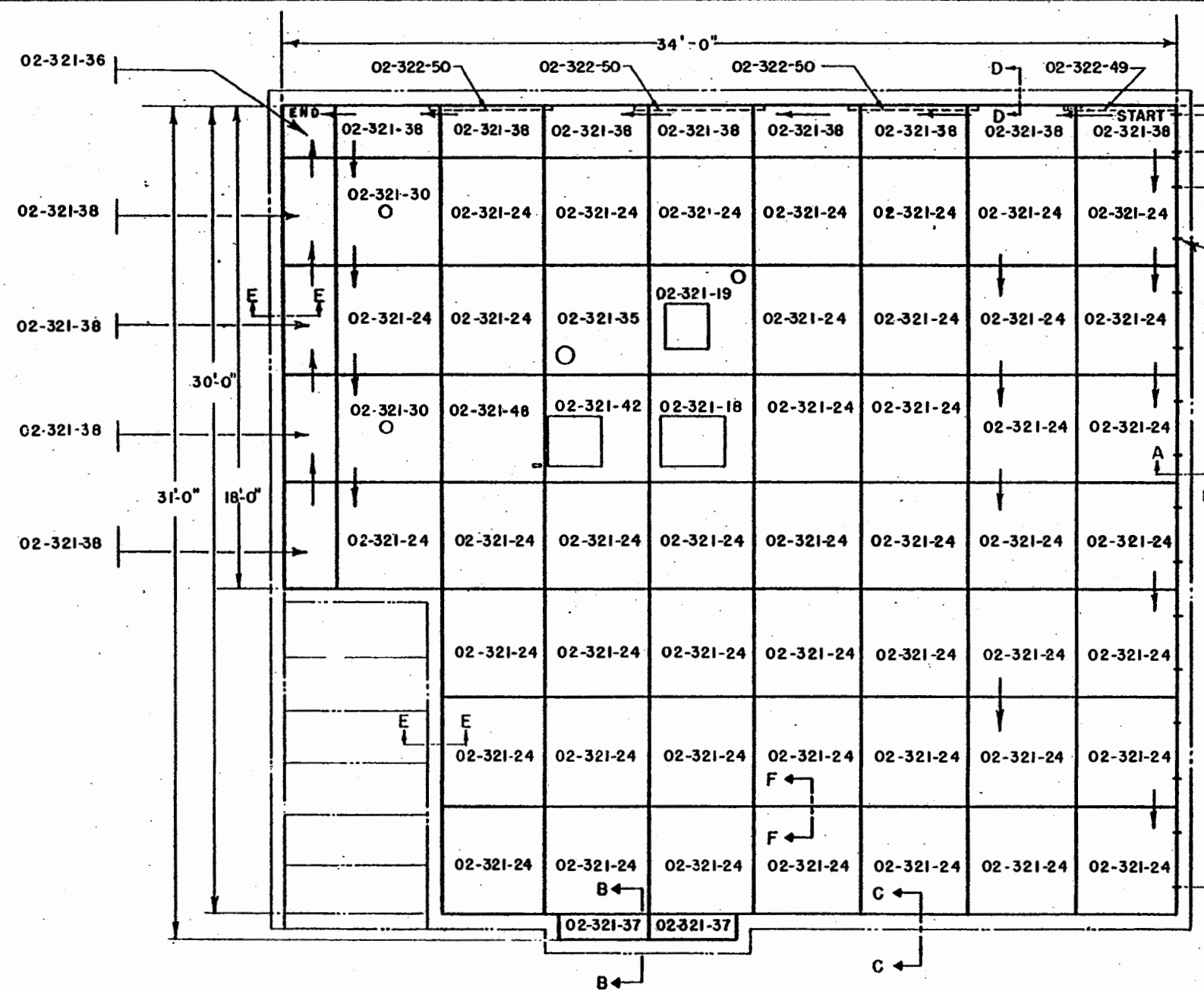
THIS PAGE SUPERSEDES EM-02-F-40.1 AT HOUSE 1501.

**SECTION A-A**



ERECTION		MANUAL
TITLE DUCT INSTALLATION - DETAILS		
PREPARED BY M W C	DATE 7-19-49	EFF. 1501 & SUB. DRAWING NUMBER EM-02-F-41.1

REL. NO.	DATE
NP. 327	1-20-49
N <sup>o</sup> . 681	6-8-49



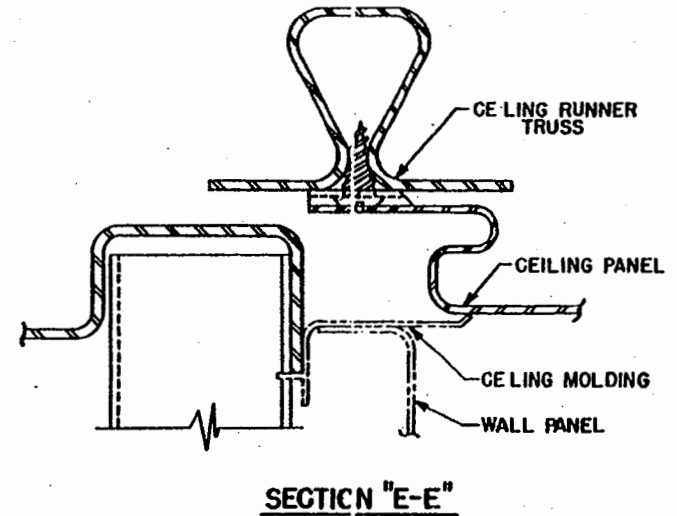
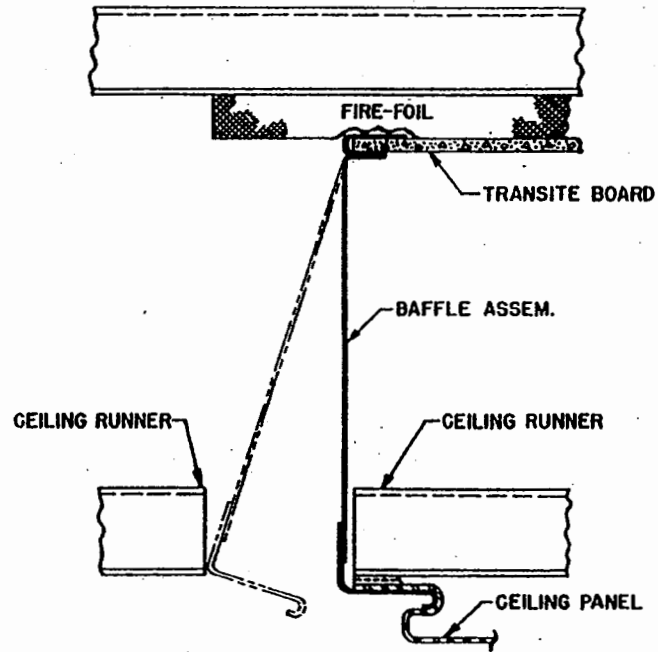
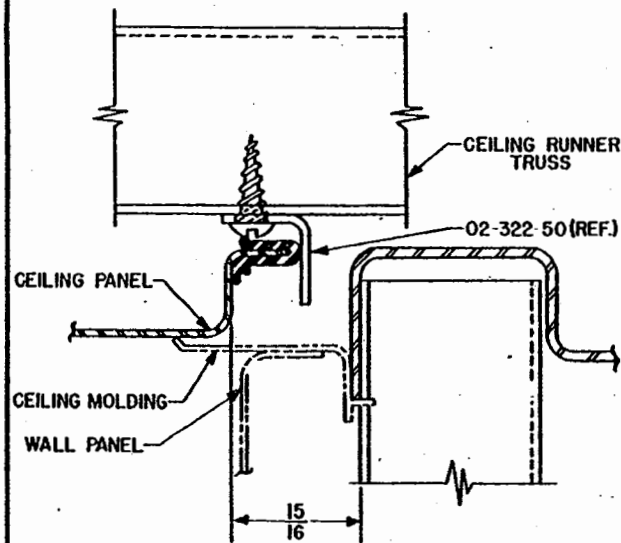
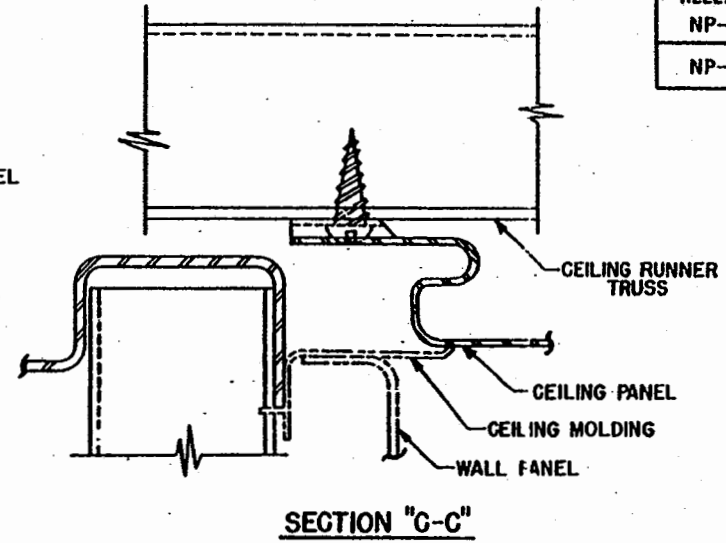
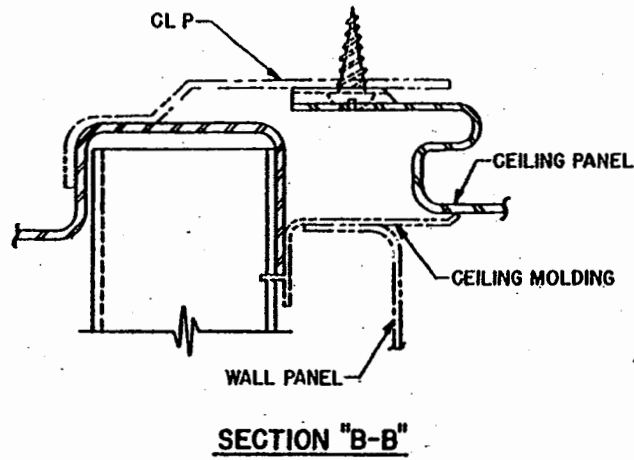
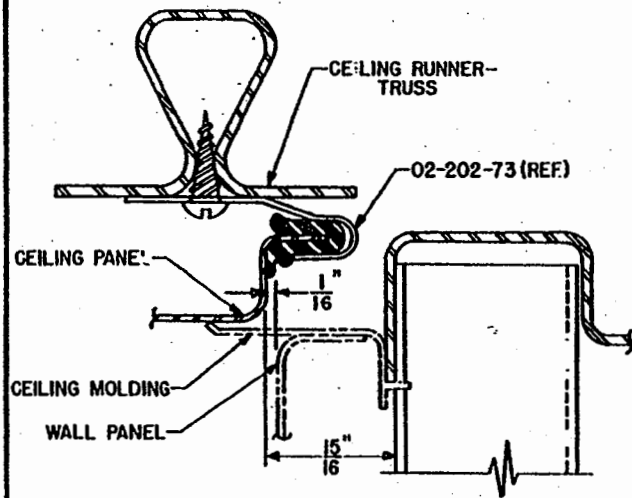
02-202-73  
CLIPS  
(16 REQD.)

FOR ALL SECTIONS ON THIS  
PAGE SEE EM-02-G-10.11



ERECTION		MANUAL	
TITLE PANELS- CEILING INSTALLATION			
PREPARED BY MWC	DATE 11-10-48	EFF. 31 THRU 3000 ®	
REVISED 6-8-49	BY R.L.S.	DRAWING NUMBER EM-02-G-10.1	

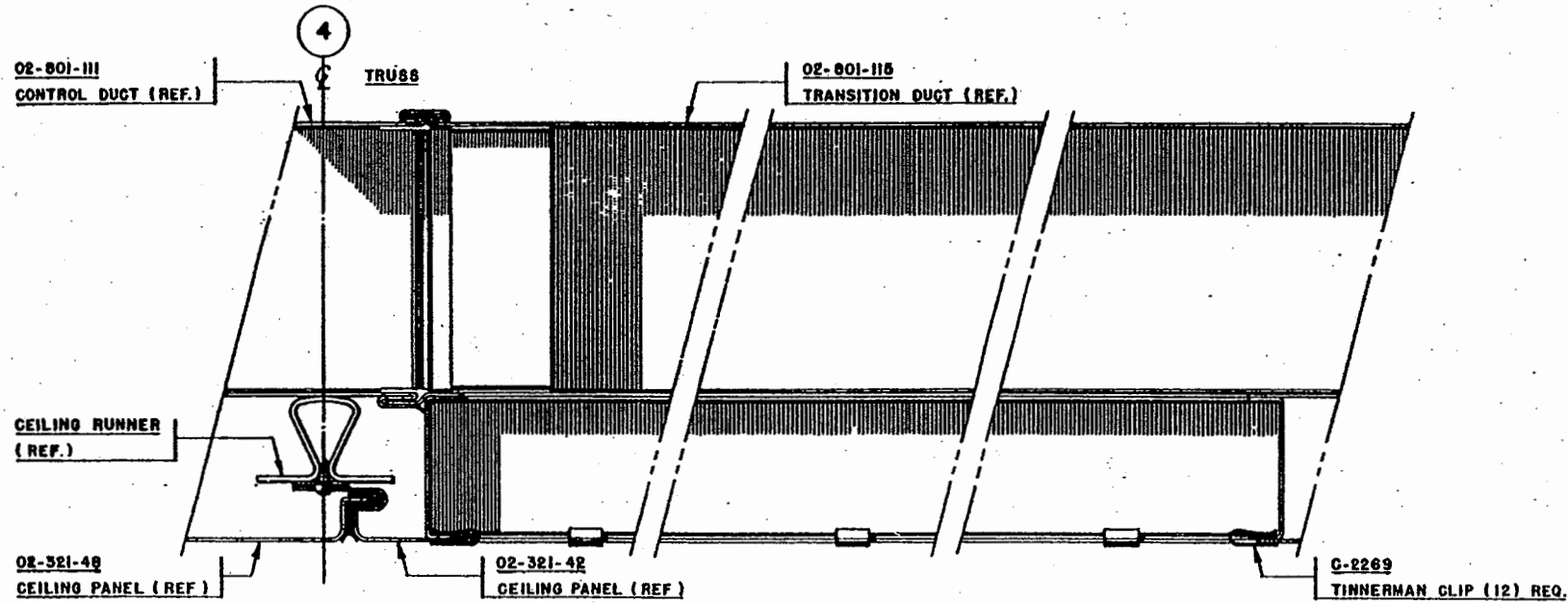
RELEASE NO.	DATE
NP-329	1-20-49
NP-681	6-8-49



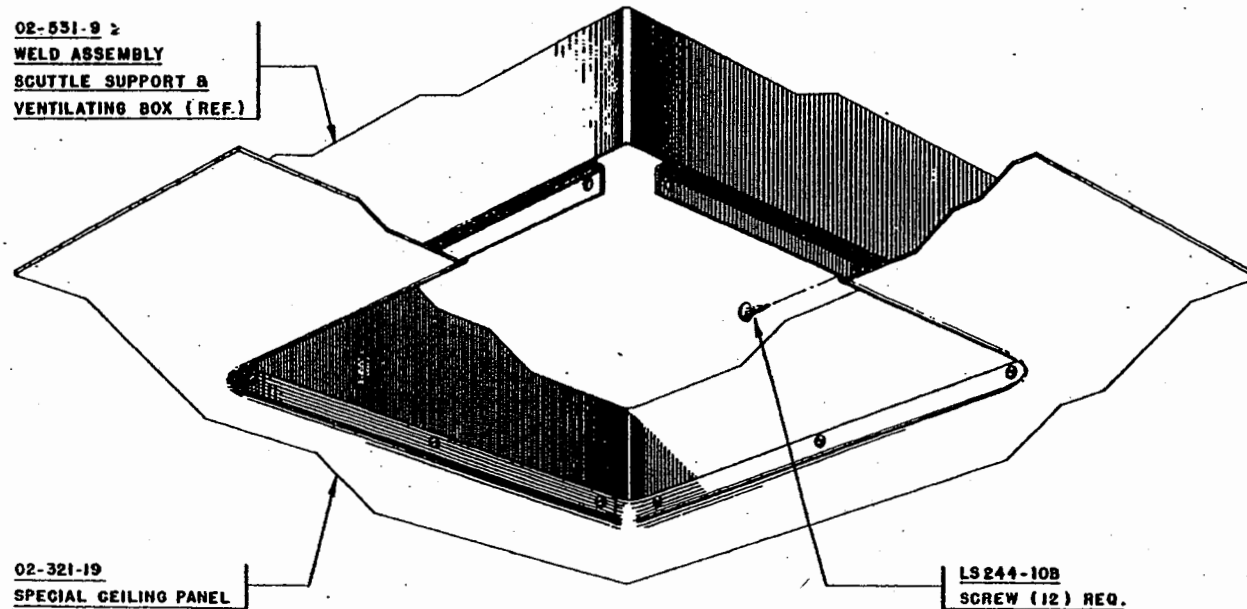
**Lustron**  
CORPORATION

ERECTION		MANUAL
TITLE PANEL CEILING INSTALLATION DETAILS		
PREPARED BY R. L. S.	DATE 12-14-48	EFF. 31 & SUB.
REVISOR 6-8-49	BY R. L. S.	DRAWING NUMBER EM-02-G-10.11

RELEASE NO. NP-350	DATE 2-21-49
NP-682	6-10-49



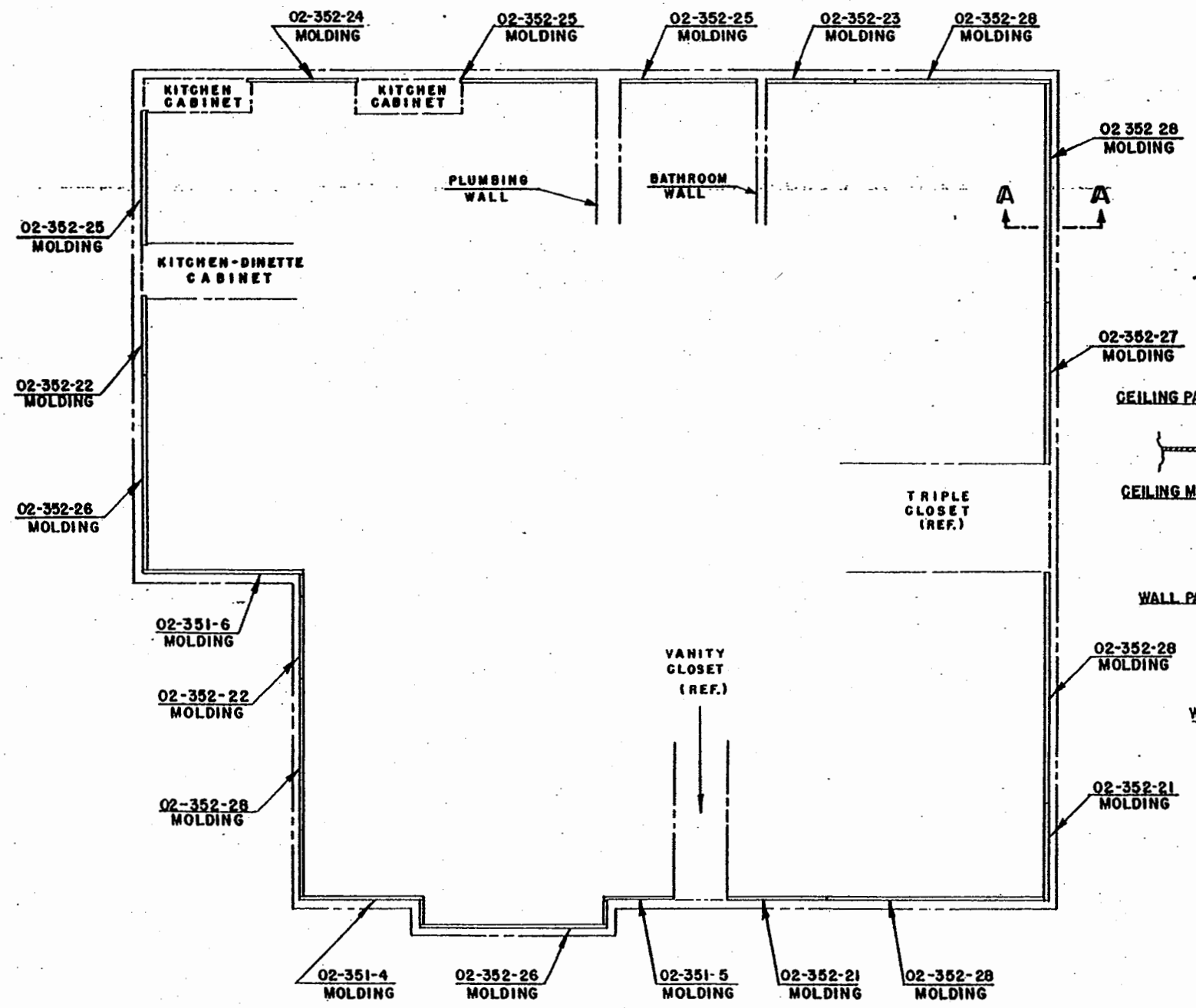
**LONGITUDINAL SECTION**  
**DUCT TO CEILING PANEL ATTACHMENT**



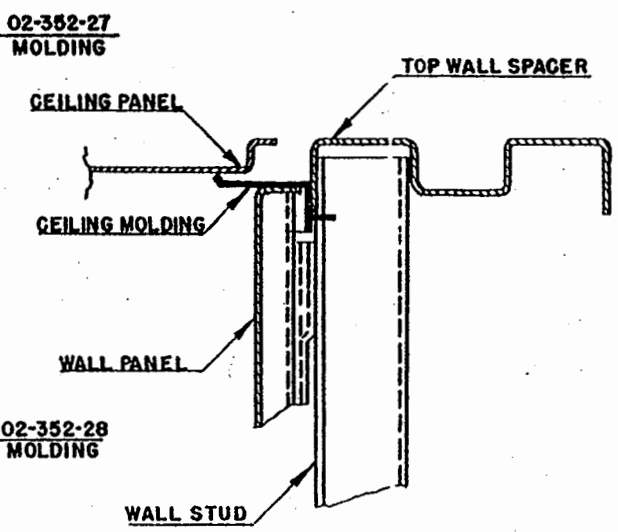
**CEILING PANEL TO SCUTTLE BOX ATTACHMENT**  
**02-531-8 SCUTTLE COVER PANEL ASSEM. INSTALLED IN THIS AREA.**



ERECTION		MANUAL
TITLE <b>DUCT AND SCUTTLE INSTALLATION DETAILS</b>		
PREPARED BY JBR	DATE 2-17-49	EFF 101 THRU 3000(R)
REVISED (R) 6-10-49	BY JBR	DRAWING NUMBER <b>EM-02-G-10.12</b>



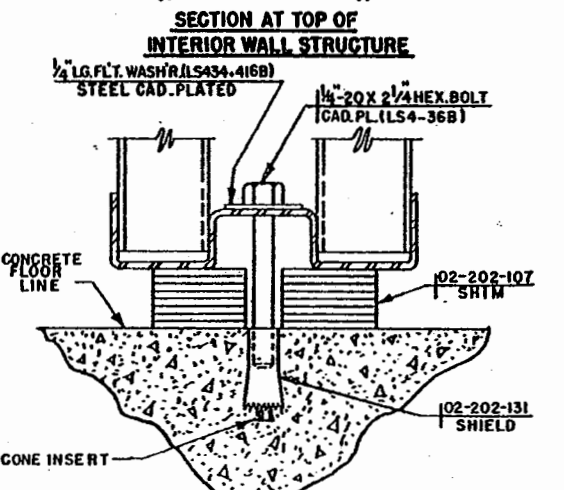
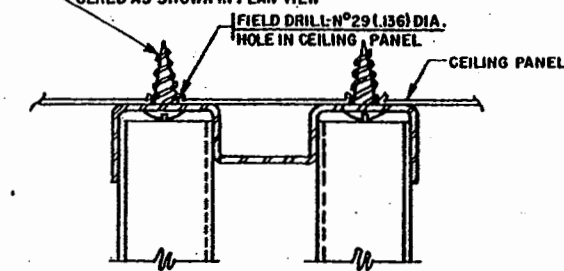
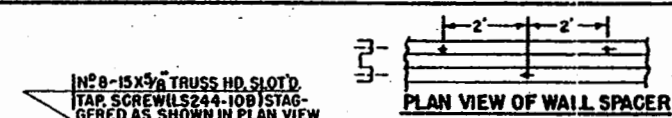
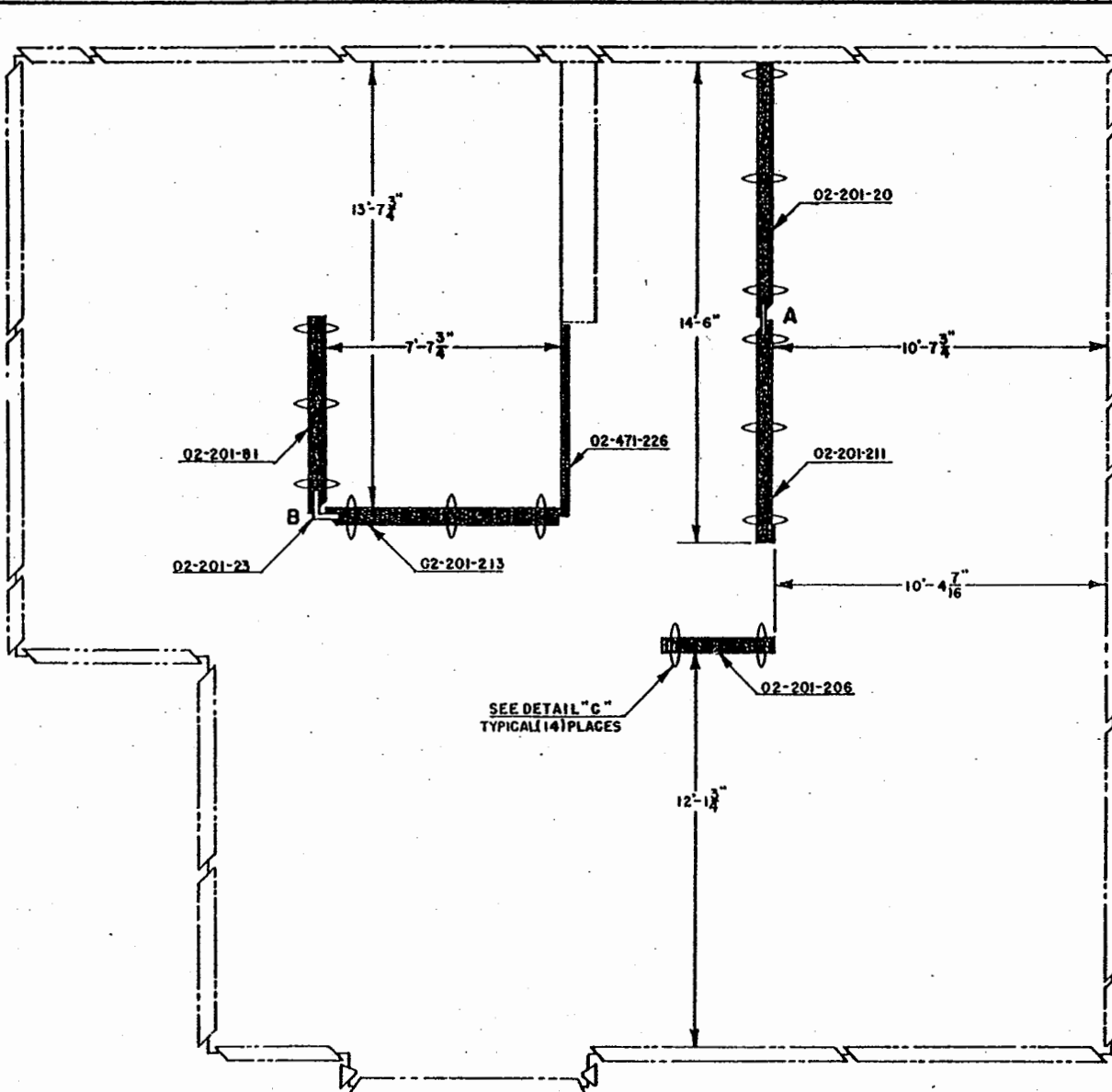
**NOTE:**  
 CEILING MOLDING IS NOT FASTENED TO WALL SECTIONS OR PANELS. IT IS INSTALLED AT TIME WALL PANELS ARE INSTALLED & IS HELD IN PLACE BY WALL PANELS AS SHOWN BELOW.



**SECTION A-A**



ERECTION		MANUAL
TITLE CEILING MOLDING INSTALLATION		
PREPARED BY W. C. G.	DATE 6-21-49	EFF. 1001 & SUB. DRAWING NUMBER EM-02-G-21.1



**CONNECTIONS MARKED**

- A REQUIRED AT TOP**  
(1) O2-202-116 PRONG  
4 BOLTS  
4 WASHERS  
4 NUTS
- REQUIRED AT INTERMEDIATE**  
(1) O2-202-18 PRONG  
4 BOLTS  
4 WASHERS  
4 NUTS
- REQUIRED AT BOTTOM**  
(1) O2-201-35 PRONG  
4 BOLTS  
4 WASHERS  
4 NUTS
- B REQUIRED AT TOP**  
4 BOLTS  
4 WASHERS  
4 NUTS
- REQUIRED AT INTERMEDIATE**  
4 BOLTS  
4 WASHERS  
4 NUTS
- REQUIRED AT BOTTOM**  
4 WASHERS  
4 NUTS

**PROCEDURE TO ANCHOR INTERIOR WALLS**

1. POSITION WALL TO PROPER LOCATION
2. MARK HOLE LOCATIONS ON CONCRETE FLOOR AND CEILING.
3. MOVE WALL (FOR WORKING SPACE)
4. INSTALL ALL ANCHOR SHIELDS IN FLOOR
5. DRILL HOLES IN CEILING
6. REPLACE WALLS AND SECURE

THIS PAGE SUPERSEDES PAGE NO. EM-C2-H-11.12 AT HOUSE NO. 1201

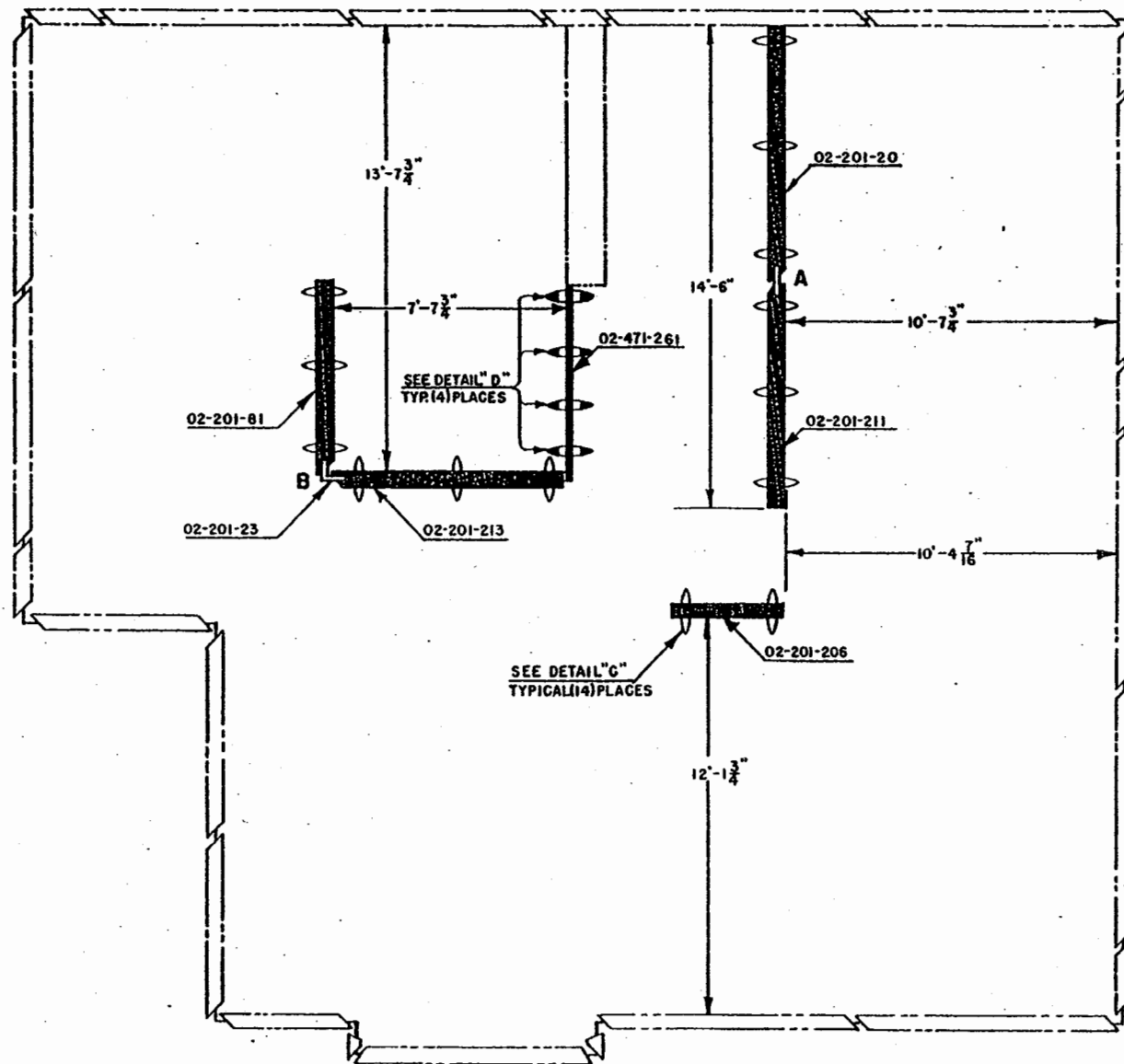
**NOTE A:** ALL DIMENSIONS ARE FROM FACE OF STUD TO FACE OF STUD.  
**NOTE B:** ALL BOLTS, WASHERS & NUTS CALLED OUT ON THIS DRAWING ARE AS FOLLOWS, EXCEPT AS NOTED:  
LS 8-16B-1/2-13 X 1" LONG HEX. HD. BOLT, ST'L. CAD. PLATED  
LS 431-816B-1/2 MED. SPRING LOCKWASHER, ST'L. CAD. PL.  
LS 403-8B-1/2-13 LIGHT HEX. NUT, ST'L. CAD. PLATED.

**INSTALLATION OF EXPANSION SHIELD**

1. THREAD O2-202-131 ANCHOR SHIELD ON N#1 SIZE PHILLIPS PILOT-HOLDER AND USE SHIELD END TO DRILL HOLE IN CONCRETE FULL DEPTH OF SHIELD. (METHOD SIMILAR TO STAR DRILLING).
2. REMOVE SHIELD STILL ATTACHED TO PILOT-HOLDER AND INSERT CONE SLUG INTO LOWER END OF SHIELD.
3. DRIVE THIS COMBINATION INTO HOLE IN CONCRETE AND THEN THREAD OFF HOLDER LEAVING EXPANSION SHIELD FIRMLY IN PLACE-FLUSH WITH CONCRETE.



ERECTION		MANUAL	
TITLE INTERIOR WALL SECTIONS WITHOUT ELECTRICAL WIRING			
PREPARED BY	DATE	EFF. 1201 THRU 2000	
W. C. G.	7-28-49	DRAWING NUMBER	
		EM-02-H-11.13	



**CONNECTIONS MARKED**

- A REQUIRED AT TOP**  
 (1) 02-202-116 PRONG  
 4 BOLTS  
 4 WASHERS  
 4 NUTS
- REQUIRED AT INTERMEDIATE**  
 (1) 02-202-18 PRONG  
 4 BOLTS  
 4 WASHERS  
 4 NUTS
- REQUIRED AT BOTTOM**  
 (1) 02-201-35 PRONG  
 4 BOLTS  
 4 WASHERS  
 4 NUTS

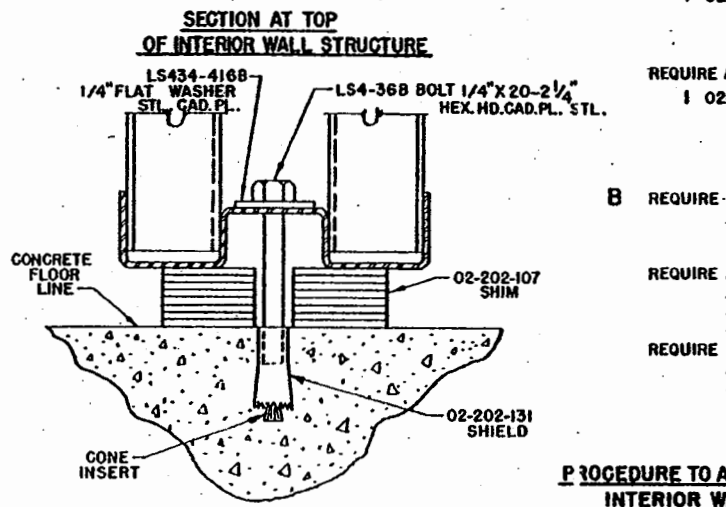
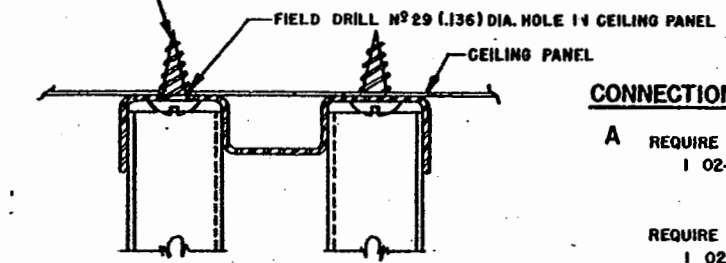
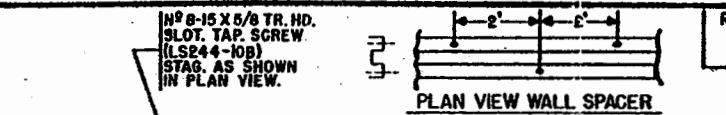
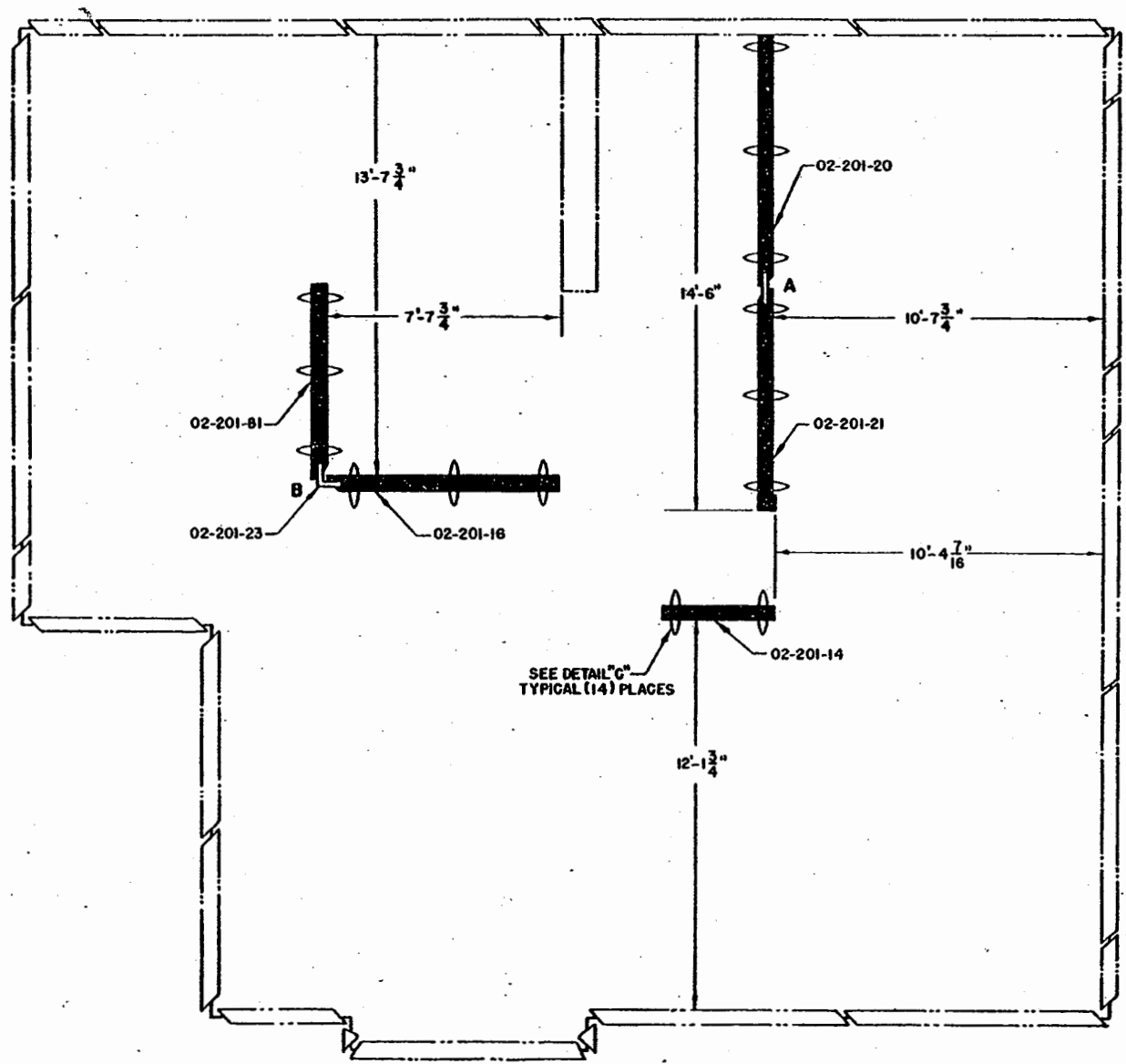
- B REQUIRED AT TOP**  
 4 BOLTS  
 4 WASHERS  
 4 NUTS
- REQUIRED AT INTERMEDIATE**  
 4 BOLTS  
 4 WASHERS  
 4 NUTS
- REQUIRED AT BOTTOM**  
 4 WASHERS  
 4 NUTS

THIS PAGE SUPERSEDES PAGE NO EM-02-H-11.13 AT HOUSE 2001.

- NOTE A:**  
 ALL DIMENSIONS ARE FROM FACE OF STUD TO FACE OF STUD.
- NOTE B:**  
 ALL BOLTS, WASHERS & NUTS CALLED OUT ON THIS DRAWING ARE AS FOLLOWS EXCEPT AS NOTED.  
 LS8-16B-1/2-13 X 1" HEX. HD. BOLT, ST'L. CAD. PLATED  
 LS431-816B-1/2" MED. SPRING LOCKWASHER, ST'L. CAD. PL.  
 LS403-88-1/2-13 LIGHT HEX. NUT, ST'L. CAD. PLATED
- NOTE C:**  
 SEE DWG. EM-02-H-14.1 FOR WALL SECTION ANCHORAGE DETAILS.



ERECTION	MANUAL	
TITLE	INTERIOR WALL SECTIONS WITHOUT ELECTRICAL WIRING	
PREPARED BY	DATE	EFF. 2001 & SUB.
W. C. G.	7-26-49	DRAWING NUMBER
		EM-02-H-11.14



DETAIL "C"  
TYPICAL SECTION OF WALL STRUCT.  
SHOWING TOP AND BOTTOM CONNECT.  
TYPICAL (14) PLACES

**CONNECTIONS MARKED**

- A** REQUIRE AT TOP  
1 02-202-116 PRONG  
4 BOLTS  
4 WASHERS  
4 NUTS
- REQUIRE AT INTERMEDIATE  
1 02-202-18 PRONG  
4 BOLTS  
4 WASHERS  
4 NUTS
- REQUIRE AT BOTTOM  
1 02-202-55 PRONG  
4 BOLTS  
4 WASHERS  
4 NUTS
- B** REQUIRE AT TOP  
4 BOLTS  
4 WASHERS  
4 NUTS
- REQUIRE AT INTERMEDIATE  
4 BOLTS  
4 WASHERS  
4 NUTS
- REQUIRE AT BOTTOM  
4 BOLTS  
4 WASHERS  
4 NUTS

**PROCEDURE TO ANCHOR INTERIOR WALLS**

1. POSITION WALL TO PROPER LOCATION.
2. MARK HOLE LOCATIONS ON CONCRETE FLOOR AND CEILING.
3. MOVE WALL (FOR WORKING SPACE)
4. INSTALL ANCHOR SHIELDS IN FLOOR
5. DRILL HOLES IN CEILING.
6. REPLACE WALLS AND SECURE.

**NOTE A.**  
ALL DIMENSIONS ARE FROM FACE OF STUD TO FACE OF STUD.

**NOTE B.**  
ALL BOLTS, WASHERS & NUTS CALLED OUT ON THIS DRAWING ARE AS FOLLOWS EXCEPT AS NOTED.

LS8-16B 1/2"-13 X 1" HEX. HD. BOLT STL. CAD. PL.  
LS431-816B 1/2"-MED. SPRING LOCKWASHER STL. CAD. PL.  
LS403-8B 1/2"-13 LIGHT HEX. NUT STL. CAD. PL.

**INSTALLATION OF EXPANSION SHIELD**

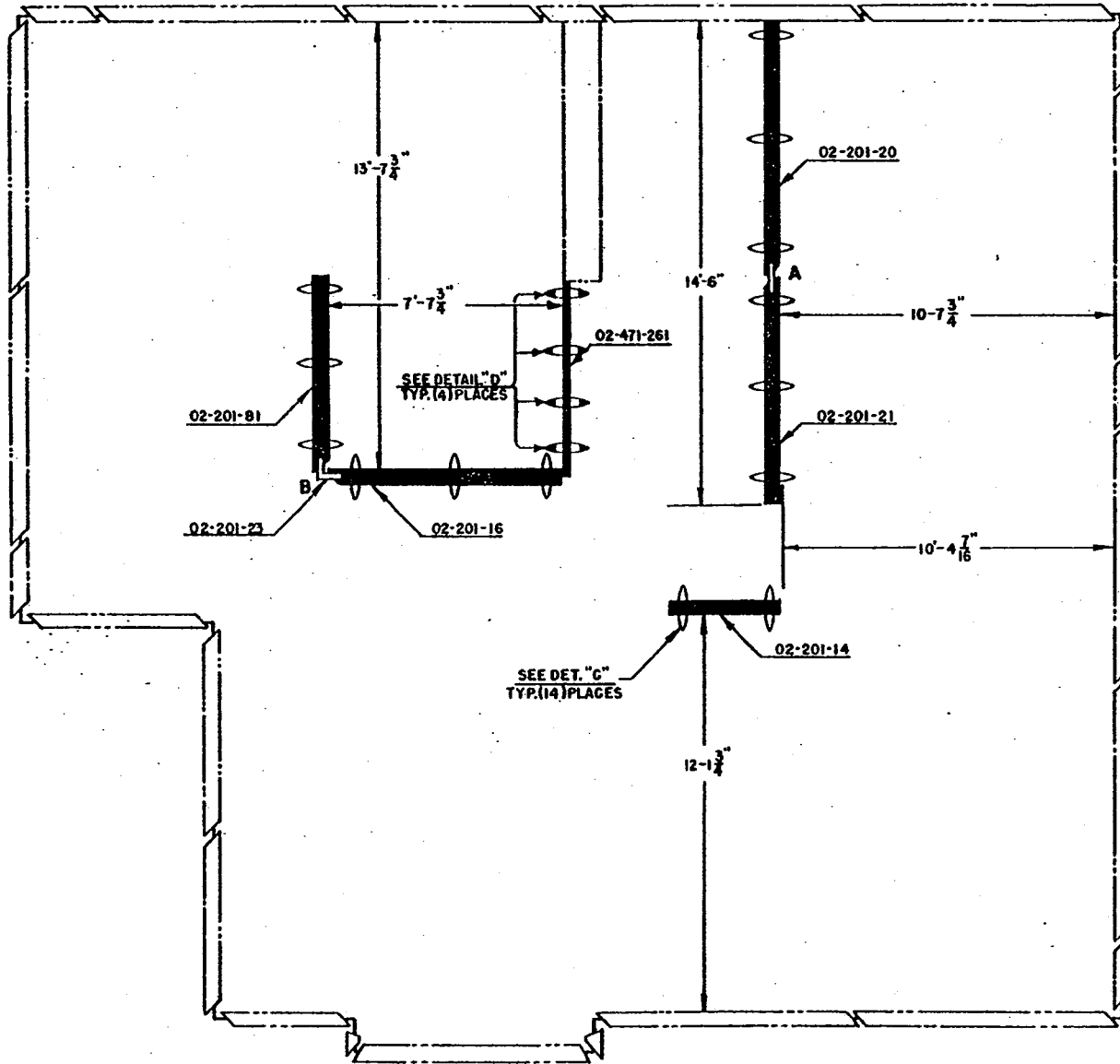
1. THREAD 02-202-131 ANCHOR SHIELD ON N<sup>o</sup> 1 SIZE PHILLIPS PILOT-HOLDER AND USE SHIELD END TO DRILL HOLE IN CONCRETE FULL DEPTH OF SHIELD. (METHOD SIMILAR TO STAR-DRILLING)
2. REMOVE SHIELD STILL ATTACHED TO PILOT-HOLDER AND INSERT CONE SLUG INTO LOWER END OF SHIELD.
3. DRIVE THIS COMBINATION INTO HOLE IN CONCRETE AND THEN THREAD OFF HOLDER LEAVING EXPANSION SHIELD FIRMLY IN PLACE. FLUSH WITH CONCRETE.

**NOTE:**  
THIS PAGE SUPERSEDES EM-02-H-10.1 AT HOUSE N<sup>o</sup> 1201.



ERECTION		MANUAL	
TITLE <b>INTERIOR WALL SECTIONS WITH ELECTRICAL WIRING</b>			
PREPARED BY R. L. S.	DATE 7-14-49	EFF. 1201 & SUB.	
		DRAWING NUMBER <b>EM-02-H-12.1</b>	





**CONNECTIONS MARKED**

- A** REQUIRED AT TOP  
 (1) 02-202-116 PRONG  
 4 BOLTS  
 4 WASHERS  
 4 NUTS
- REQUIRED AT INTERMEDIATE  
 (1) 02-202-116 PRONG  
 4 BOLTS  
 4 WASHERS  
 4 NUTS
- REQUIRED AT BOTTOM  
 (1) 02-201-55 PRONG  
 4 BOLTS  
 4 WASHERS  
 4 NUTS

- B** REQUIRED AT TOP  
 4 BOLTS  
 4 WASHERS  
 4 NUTS
- REQUIRED AT INTERMEDIATE  
 4 BOLTS  
 4 WASHERS  
 4 NUTS
- REQUIRED AT BOTTOM  
 4 BOLTS  
 4 WASHERS  
 4 NUTS

THIS PAGE SUPERCEDES PAGE NO. EM-02-H-12.1 AT HOUSE 2001.

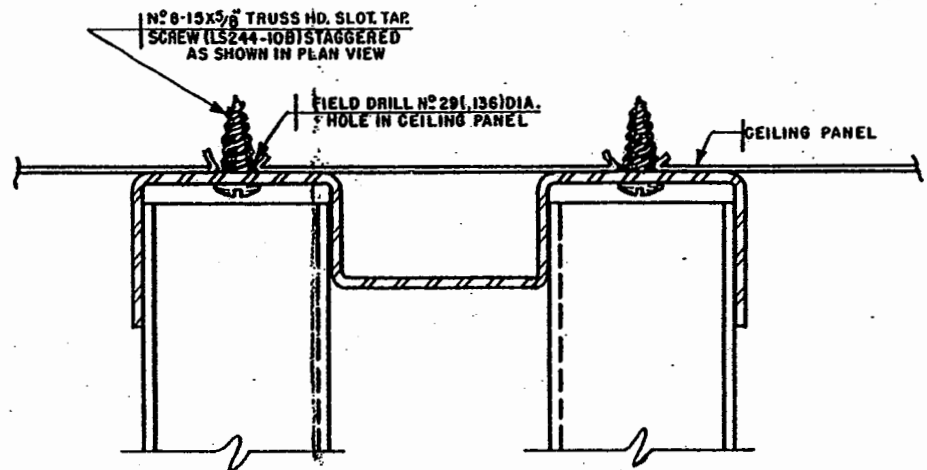
**NOTE A:** ALL DIMENSIONS ARE FROM FACE OF STUD TO FACE OF STUD.

**NOTE B:** ALL BOLTS, WASHERS & NUTS CALLED OUT ON THIS DRAWING ARE AS FOLLOWS EXCEPT AS NOTED.

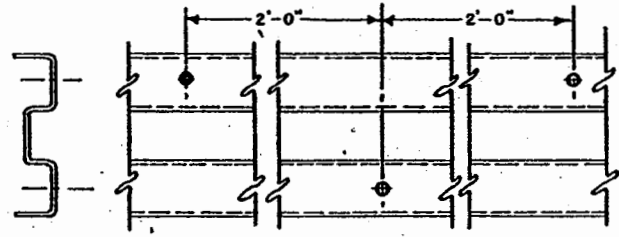
- LS8-16B 1/2"-13 X 1" HEX. HD. BOLT ST'L. CAD PLATED
- LS431-816B 1/2" MED. SPR'G. LOCKWASHER ST'L. CAD. PL.
- LS403-8B 1/2"-13 LIGHT HEX. NUT ST'L. CAD. PLATED



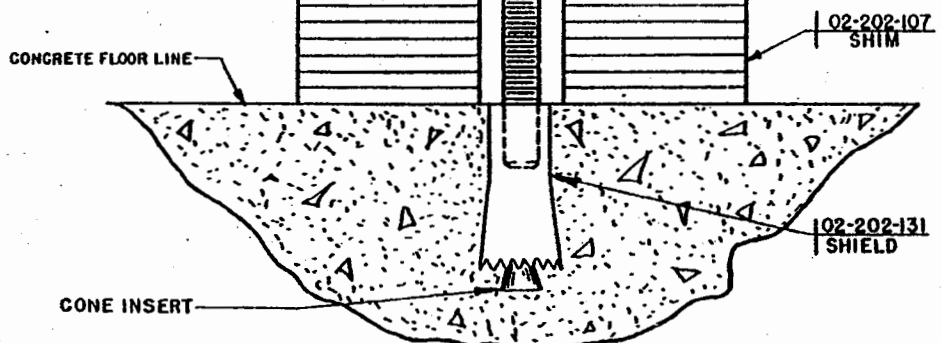
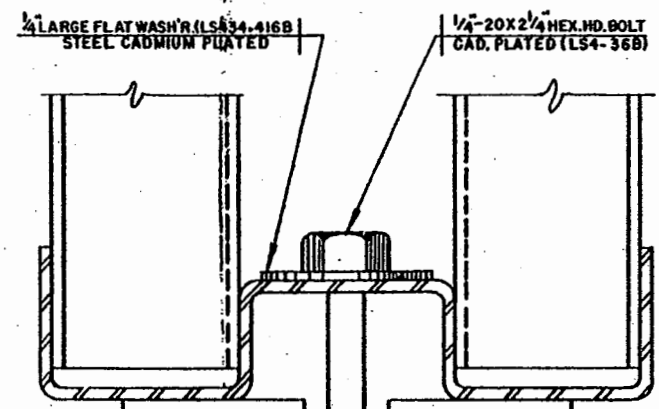
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TITLE	INTERIOR WALL SECTIONS WITH ELECTRICAL WIRING	
PREPARED BY W.C.G.	DATE 7-22-49	EFF. 2001 & SUB. DRAWING NUMBER EM-02-H-13.1



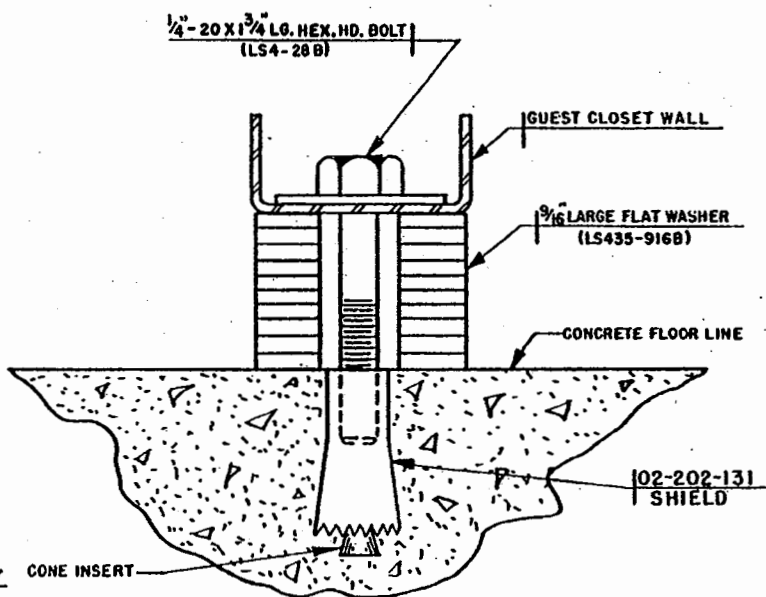
**SECTION AT TOP OF INTERIOR WALL STRUCTURE**



**PLAN VIEW OF WALL SPACER**



**DETAIL "C"**  
**TYPICAL SECTION OF WALL STRUCTURE SHOWING BOTTOM CONNECTION**  
**TYPICAL (14) PLACES**



**DETAIL "D"**  
**GUEST CLOSET WALL STRUCT. SHOWING**  
**BOTTOM CONNECTION. TYPICAL (4) PLACES**

**PROCEDURE TO ANCHOR INTERIOR WALLS**

1. POSITION WALL TO PROPER LOCATION.
2. MARK HOLE LOCATIONS ON CONCRETE FLOOR AND CEILING.
3. MOVE WALL, (FOR WORKING SPACE.)
4. INSTALL ANCHOR SHIELDS IN FLOOR.
5. DRILL HOLES IN CEILING.
6. REPLACE WALLS AND SECURE.

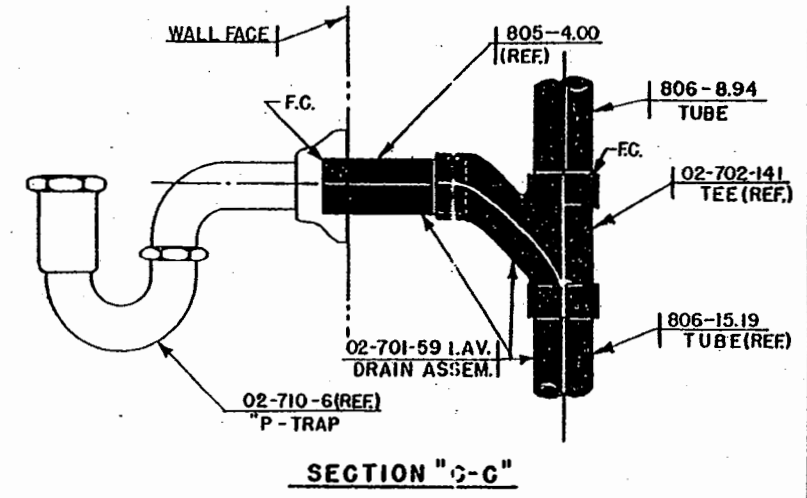
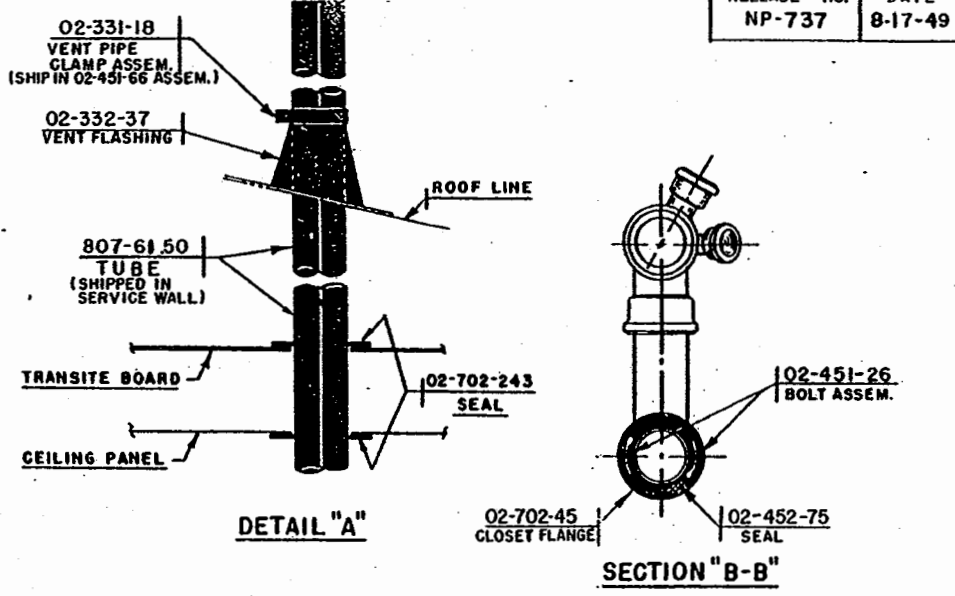
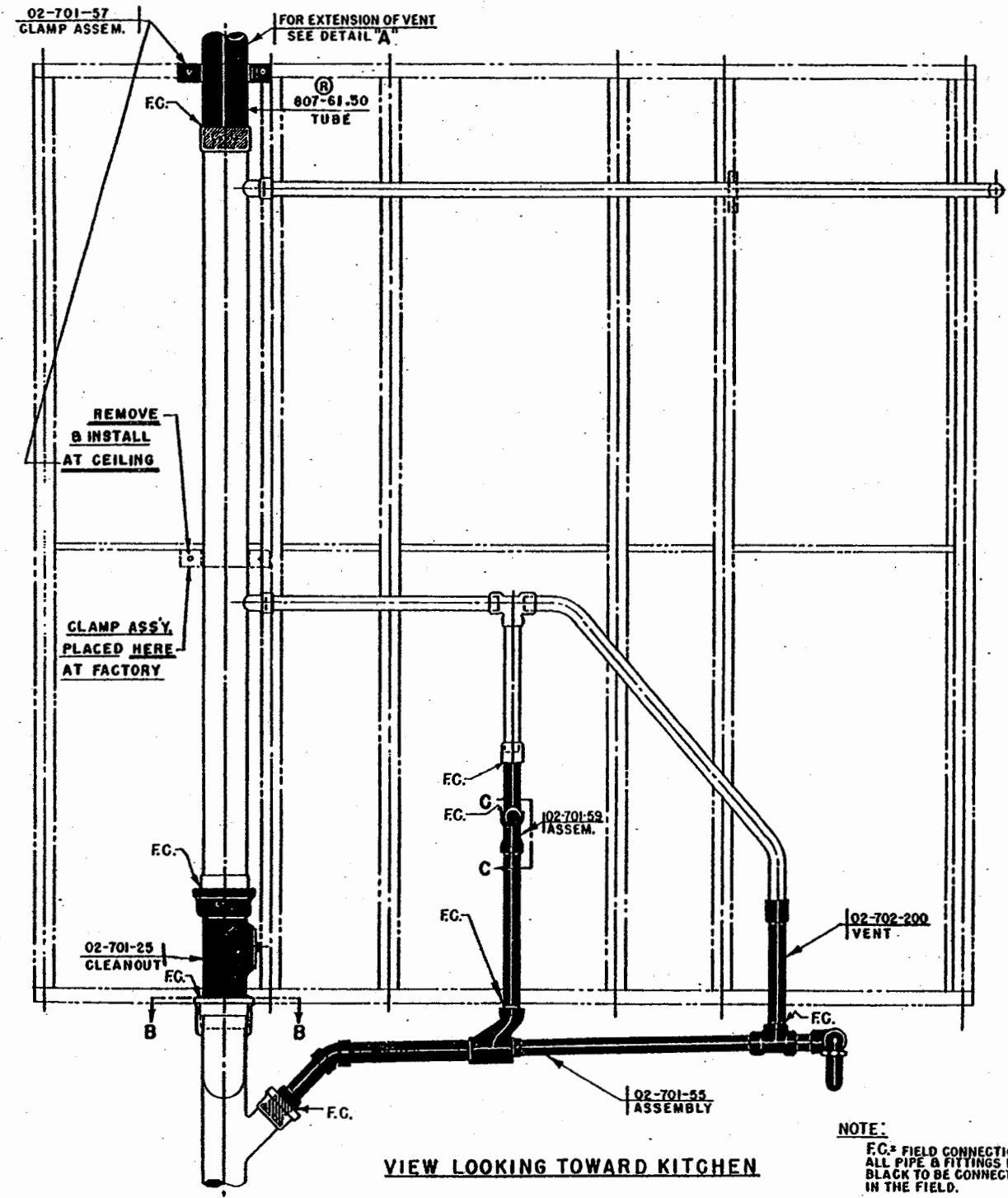
**INSTALLATION OF EXPANSION SHIELD**

1. THREAD 02-202-131 ANCHOR SHIELD ON NO 1 SIZE PHILLIPS PILOT-HOLDER AND USE SHIELD END TO DRILL HOLE IN CONCRETE FULL DEPTH OF SHIELD. (METHOD SIMILAR TO STAR DRILLING.)
2. REMOVE SHIELD STILL ATTACHED TO PILOT-HOLDER AND INSERT CONE SLUG INTO LOWER END OF SHIELD.
3. DRIVE THIS COMBINATION INTO HOLE IN CONCRETE AND THEN THREAD OFF HOLDER LEAVING EXPANSION SHIELD FIRMLY IN PLACE, FLUSH WITH CONCRETE.

THIS PAGE SUPERSEDES EM-02-H-12.1 AT HOUSE 2001



ERECTION		MANUAL	
TITLE <b>INTERIOR WALL SECTION DETAILS</b>			
PREPARED BY W. C. G.	DATE 7-25-49	EFF. 2001 & SUB. DRAWING NUMBER <b>EM-02-H-14.1</b>	

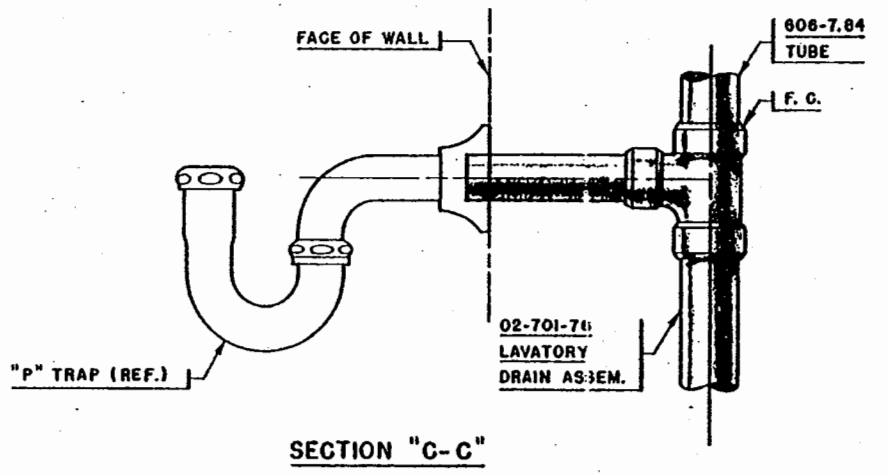
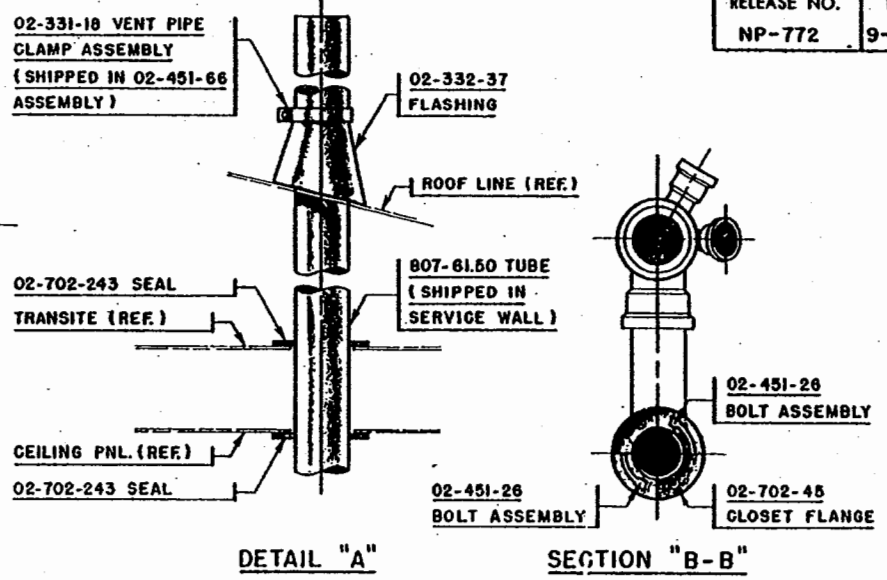
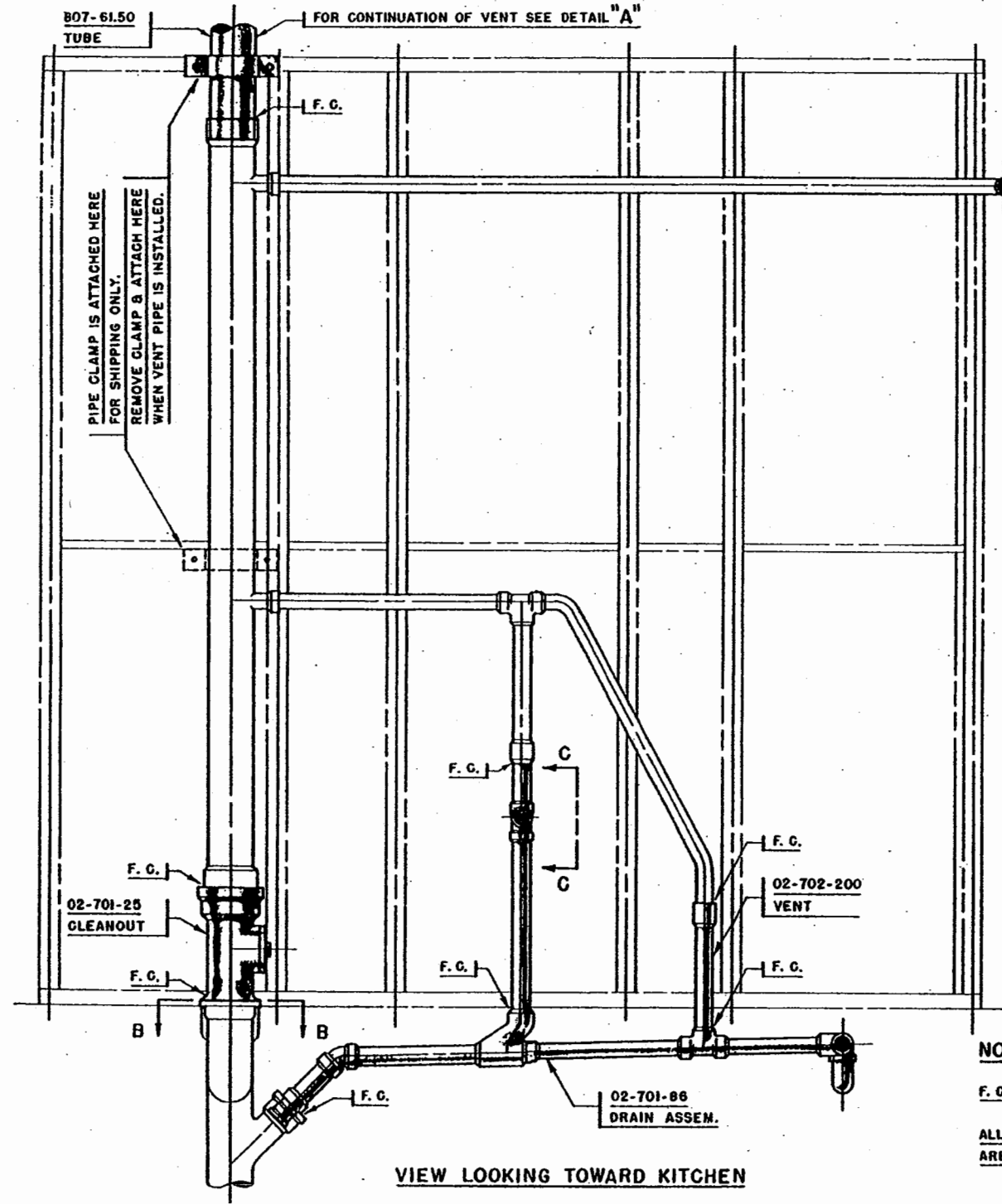


THIS PAGE SUPERSEDES  
EM-02-J-11.1 AT HOUSE N° 1751

NOTE:  
F.C. = FIELD CONNECTION  
ALL PIPE & FITTINGS IN  
BLACK TO BE CONNECTED  
IN THE FIELD.



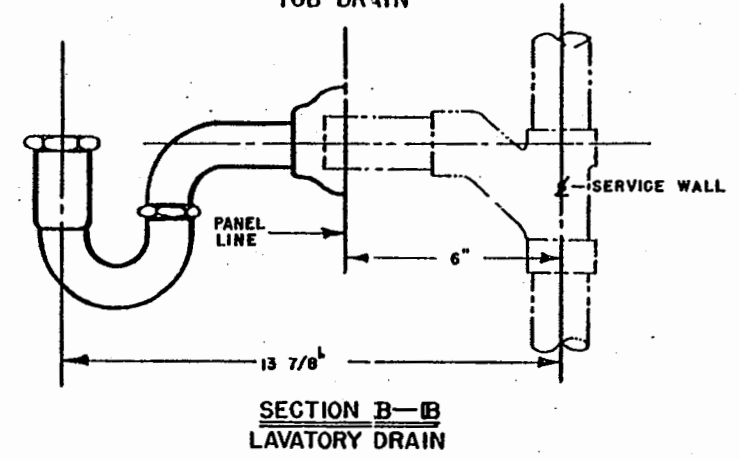
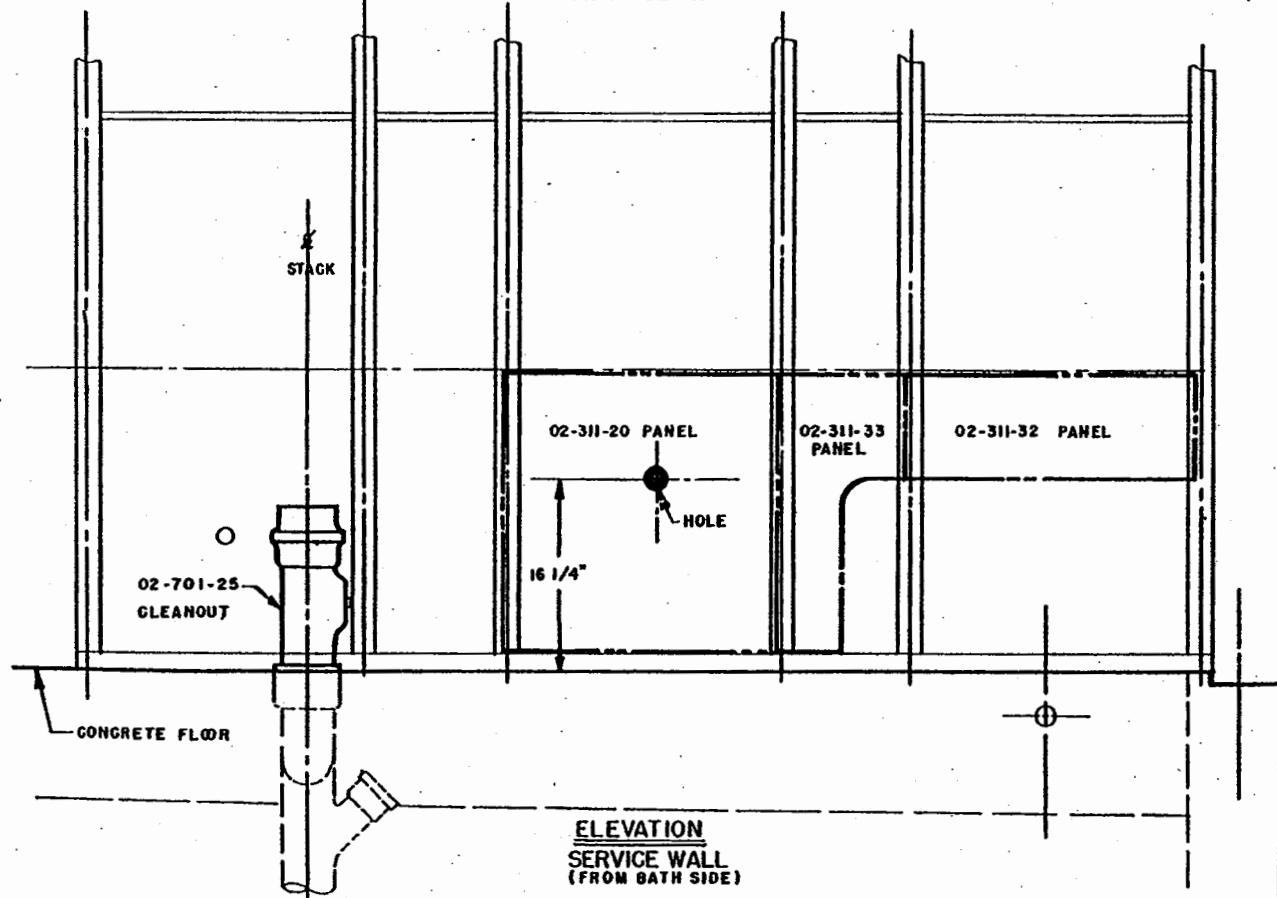
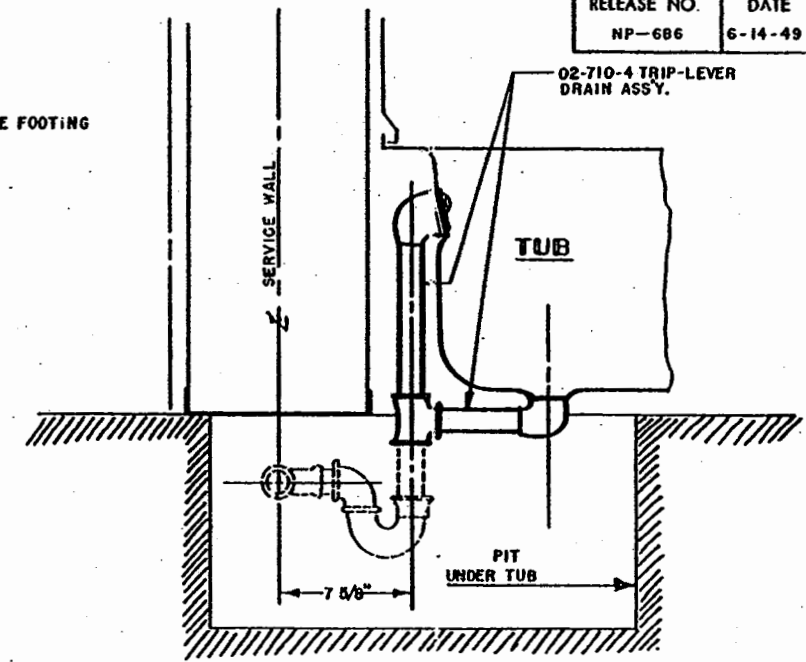
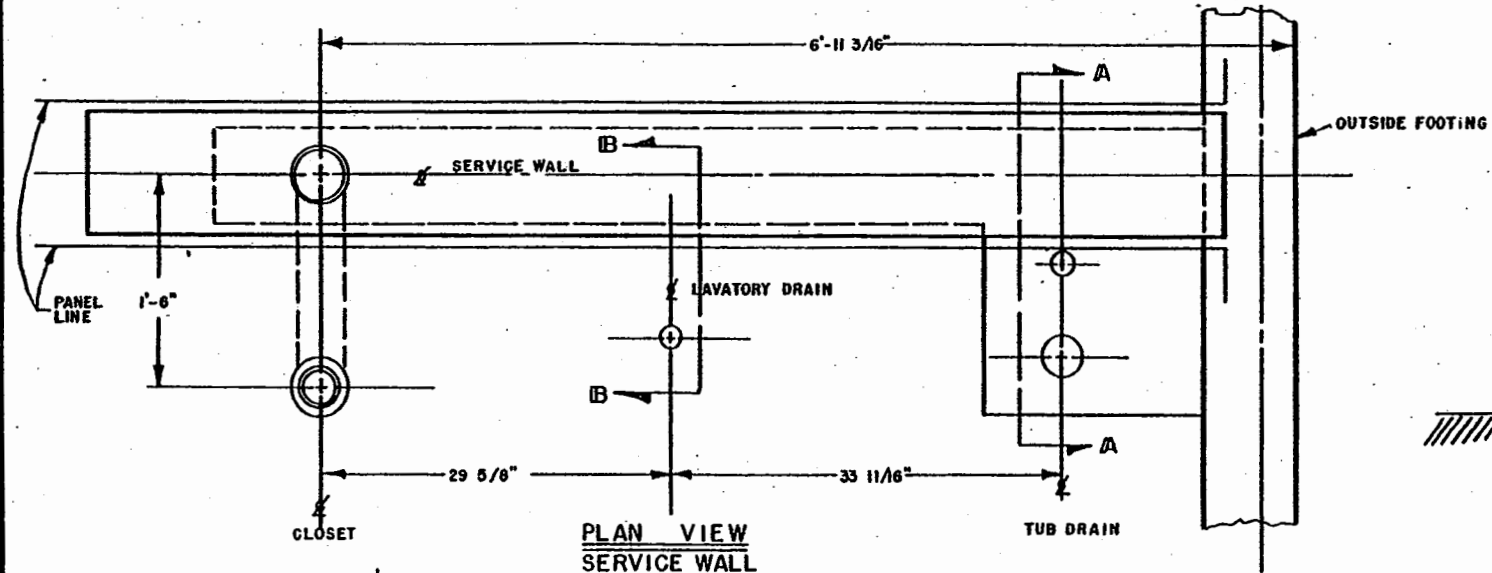
ERECTION		MANUAL	
TITLE INSTALLATION-SERVICE WALL DRAIN & VENT			
PREPARED BY R. E. L.	DATE 8-17-49	EFF. 1751-3000	DRAWING NUMBER
REVISED	BY	EM-02-J-11.1	



THIS PAGE SUPERSEDES EM-02-J-11.11 AT HOUSE N° 2001

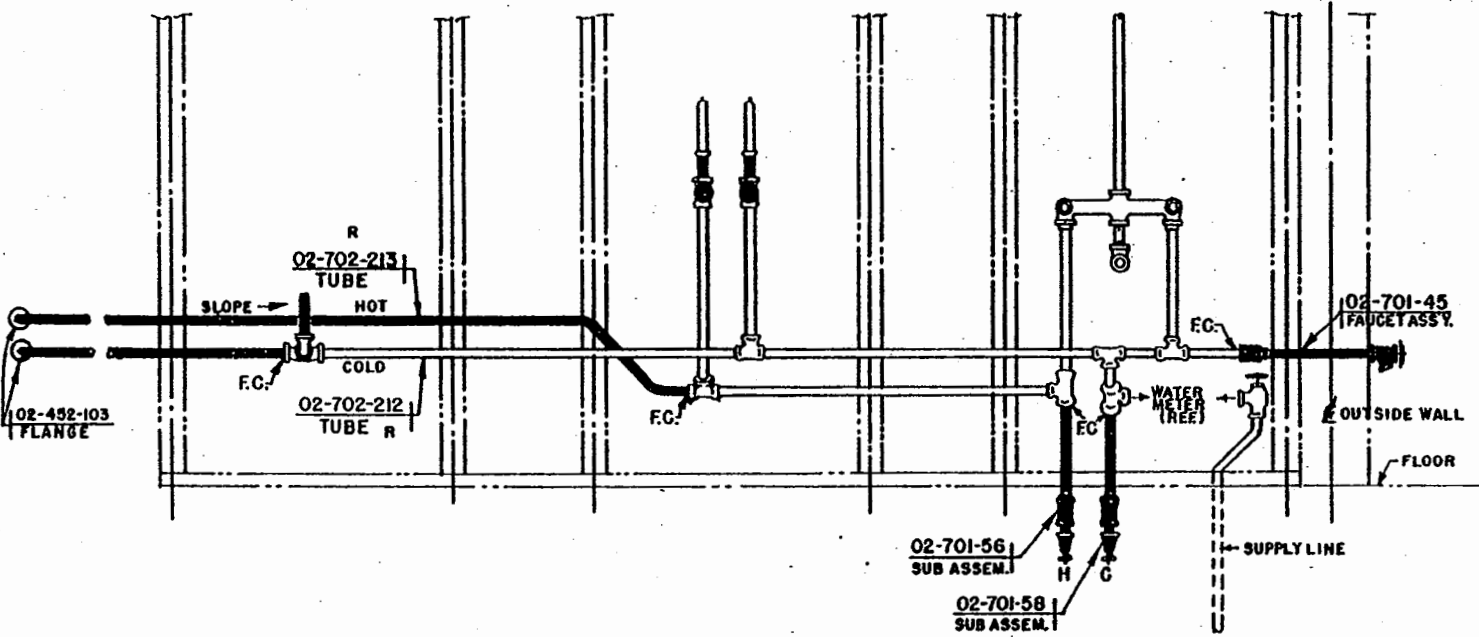
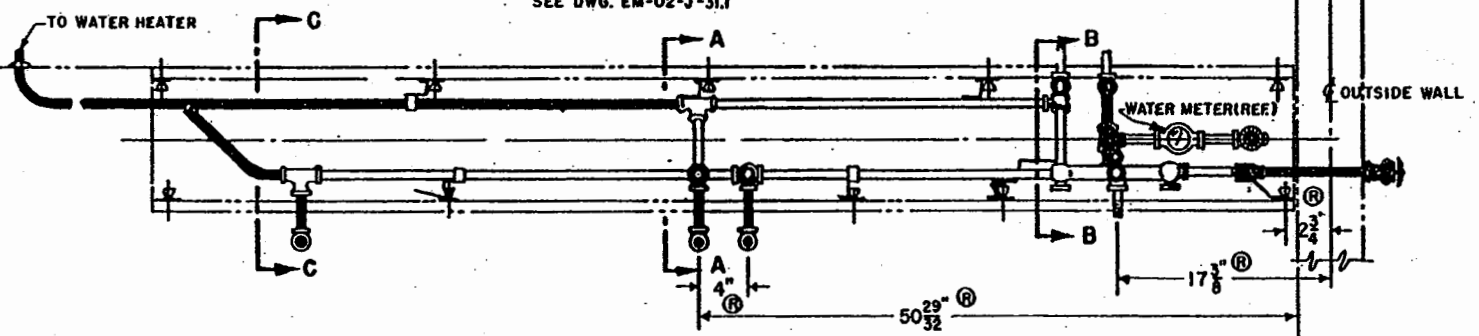
**NOTE**  
 F. C. = FIELD CONNECTION  
 ALL PIPES AND FITTINGS SHOWN IN SHADING ARE TO BE FIELD CONNECTED

<b>LUSTRON</b> CORPORATION		MANUAL
ERECTION TITLE		INSTALLATION
SERVICE WALL DRAIN & VENT		
PREPARED BY J B R	DATE 9-1-49	EFF. 2001 & SUB.
		DRAWING NUMBER EM-02-J-12.1



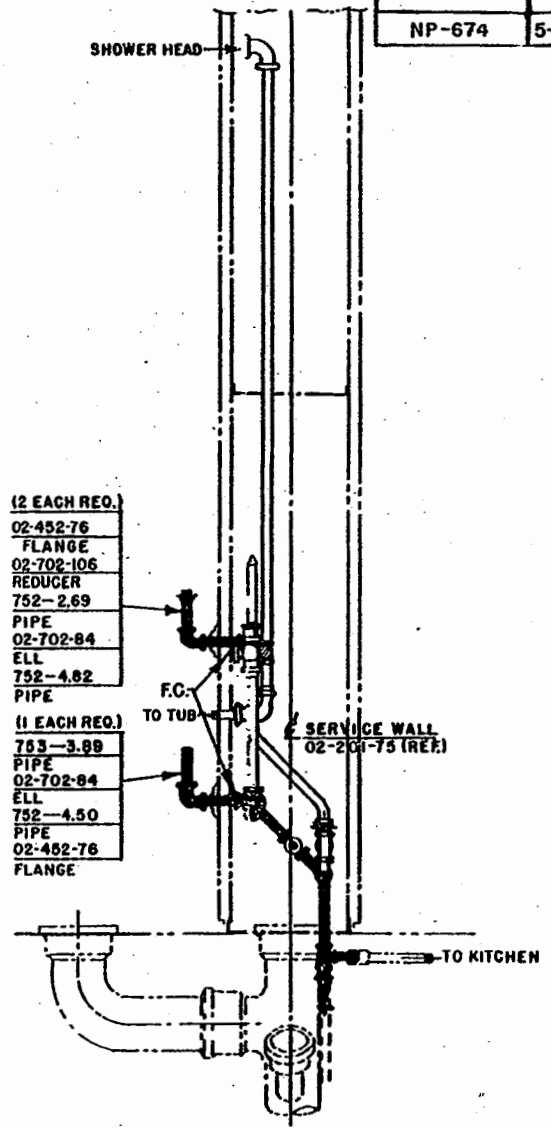
ERECTION		MANUAL
TITLE LAYOUT-ROUGH-IN DIMENSIONS SERVICE WALL DRAIN & VENT.		
PREPARED BY R. H. G.	DATE 6-8-49	EFF. 1001 THRU 3000
		DRAWING NUMBER EM-02-J-13.1

NOTE:  
FOR SECTIONS A-A, B-B & C-C  
SEE DWG. EM-02-J-31.1



VIEW LOOKING TOWARD KITCHEN

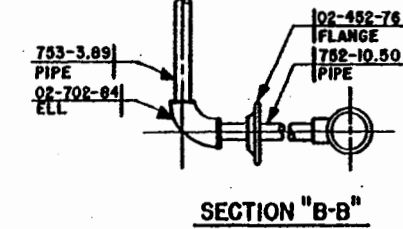
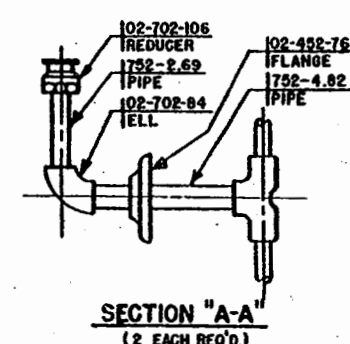
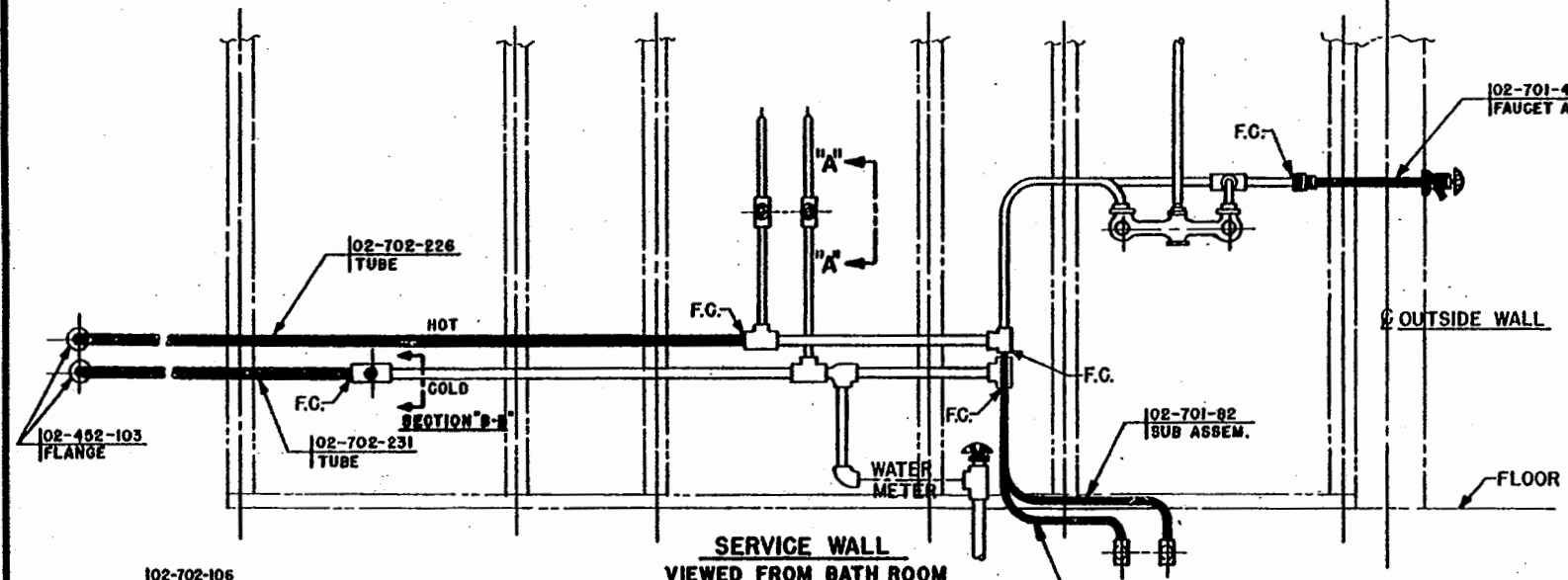
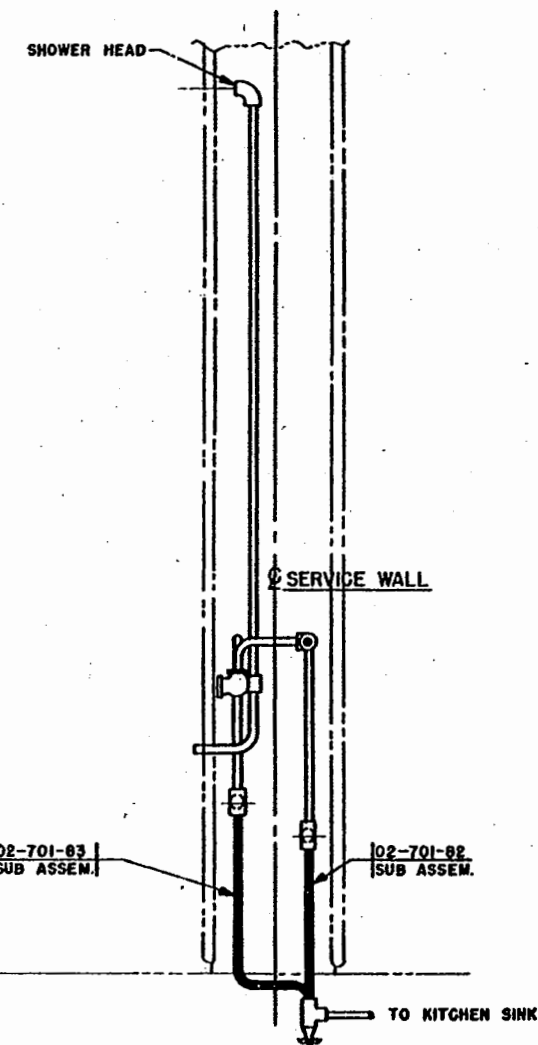
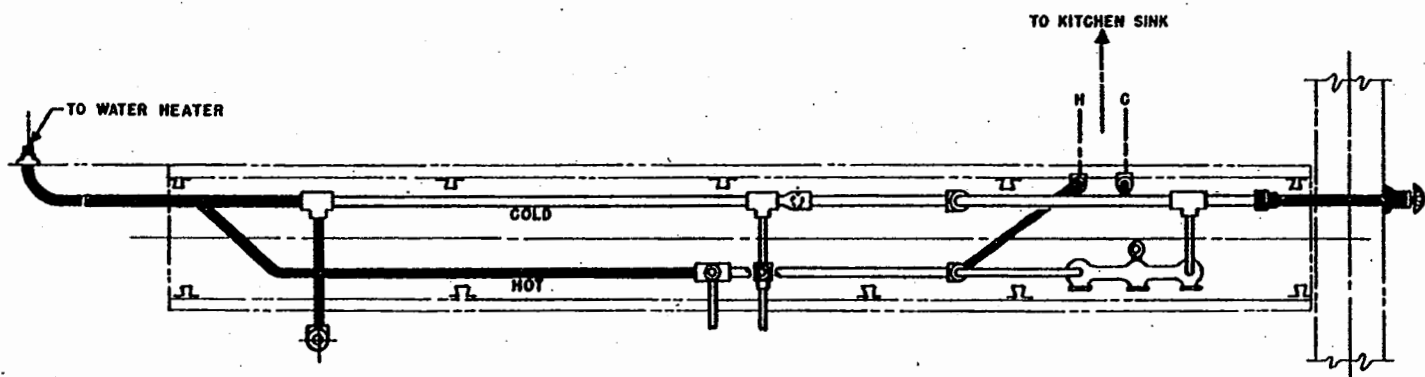
- (2 EACH REQ.)
- 02-452-76
- FLANGE
- 02-702-106
- REDUCER
- 752-2.69
- PIPE
- 02-702-84
- ELL
- 752-4.82
- PIPE
- (1 EACH REQ.)
- 753-3.89
- PIPE
- 02-702-84
- ELL
- 752-4.50
- PIPE
- 02-452-76
- FLANGE



NOTE:  
F.C. = FIELD CONNECTION  
ALL PIPE & FITTINGS SHOWN  
IN BLACK TO BE CONNECTED  
IN THE FIELD.

**LUSTRON**  
CORPORATION

ERECTION		MANUAL
TITLE INSTALLATION-SERVICE WALL WATER LINES		
PREPARED BY	DATE	EFF. 828 THRU 3000
W. G. G.	3-23-49	DRAWING NUMBER
		EM-02-J-22.1



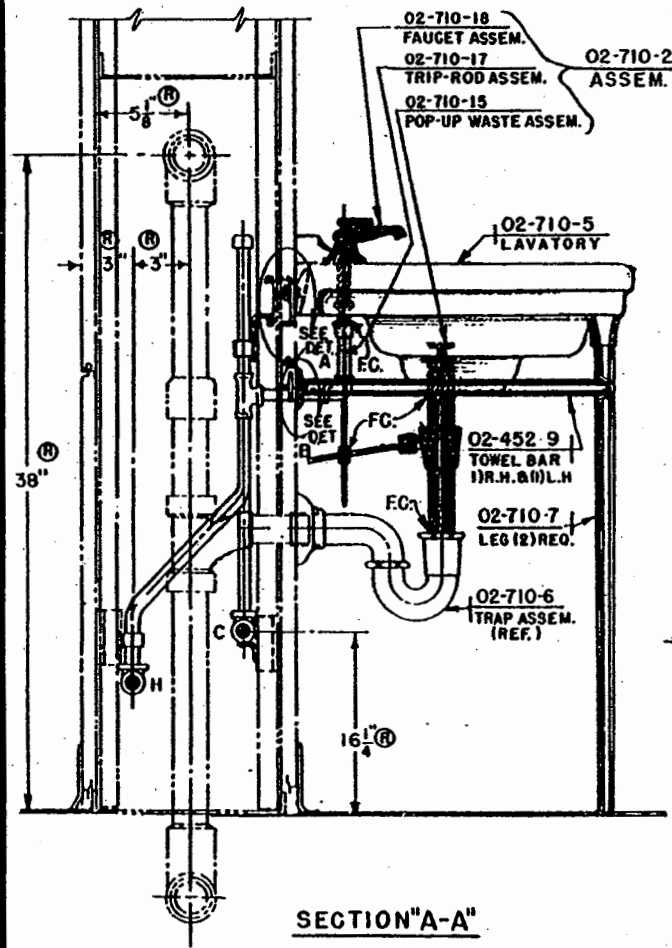
**NOTE:**  
F.C. = FIELD CONNECTION  
ALL PIPE & FITTINGS SHOWN  
IN BLACK TO BE CONNECTED  
IN THE FIELD.

THIS PAGE SUPERSEDES EM-02-J-22.1  
AT HOUSE 2001

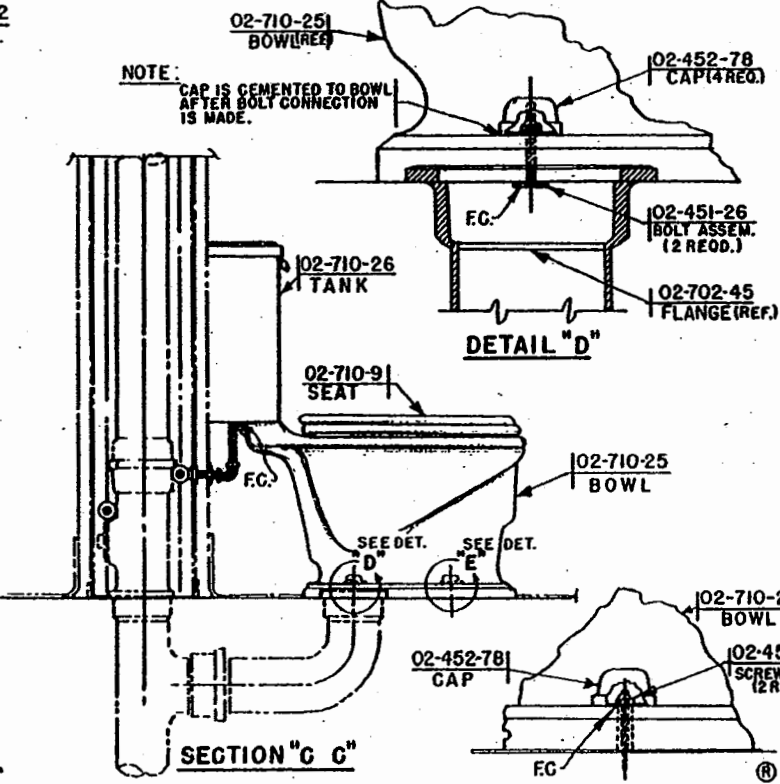


ERECTION		MANUAL	
TITLE			
INSTALLATION-SERVICE WALL WATER LINES			
PREPARED BY	DATE	EFF. 2001 & SUB.	
R. L. S.	9-12-49	DRAWING NUMBER	
		EM-02-J-23.1	

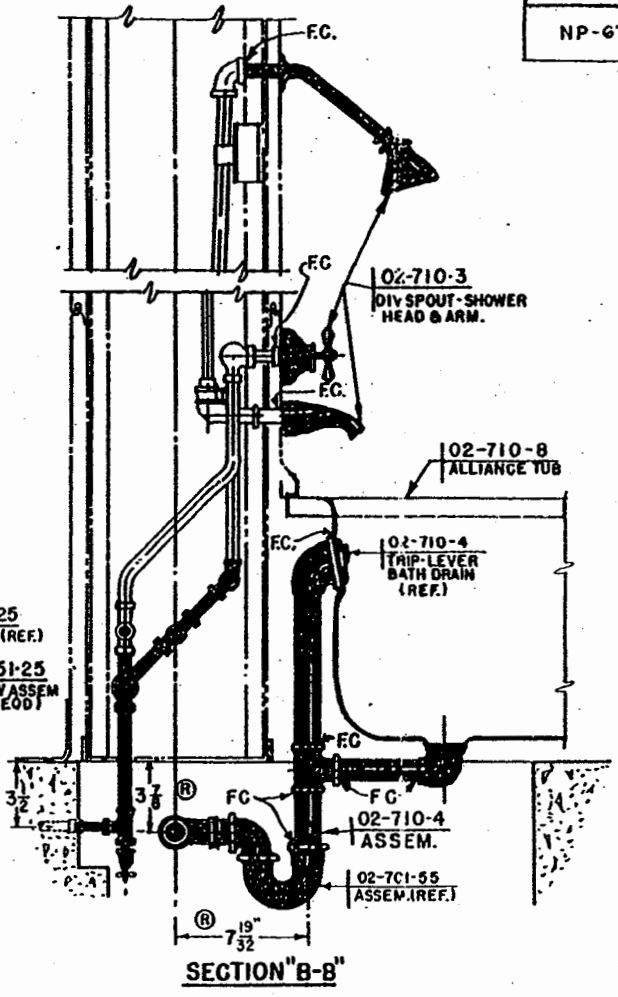
RELEASE NO. NP-612	DATE 4-12-49
NP-674	5-27-49



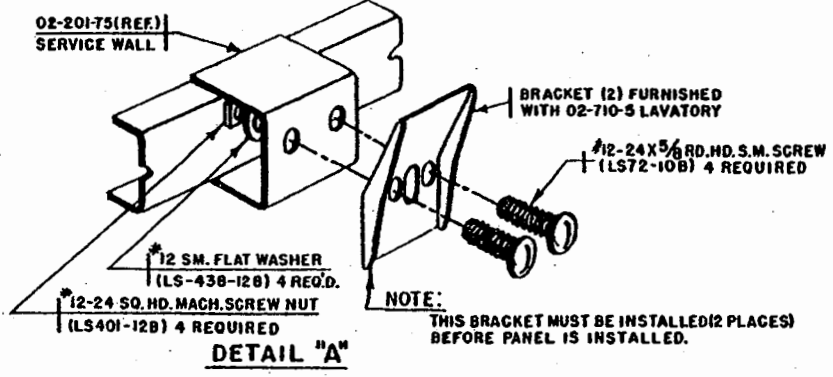
SECTION "A-A"



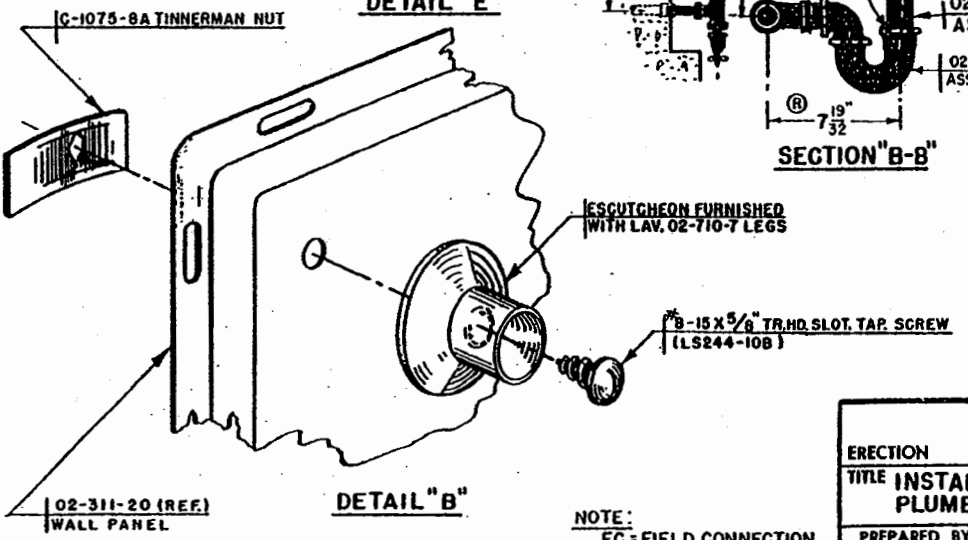
SECTION "C C"



SECTION "B-B"



DETAIL "A"

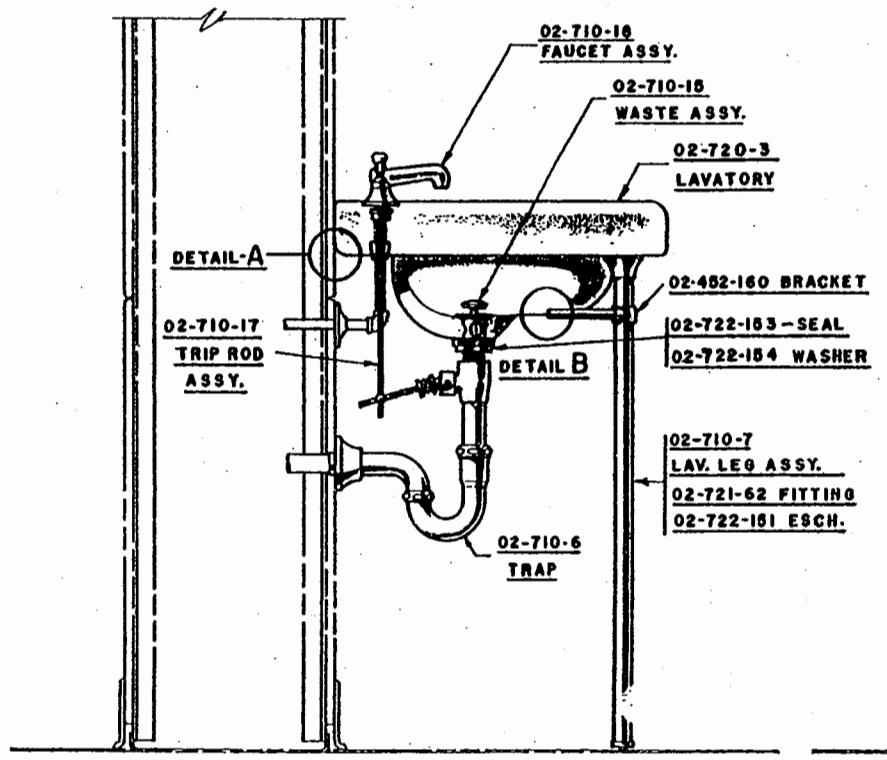


DETAIL "B"

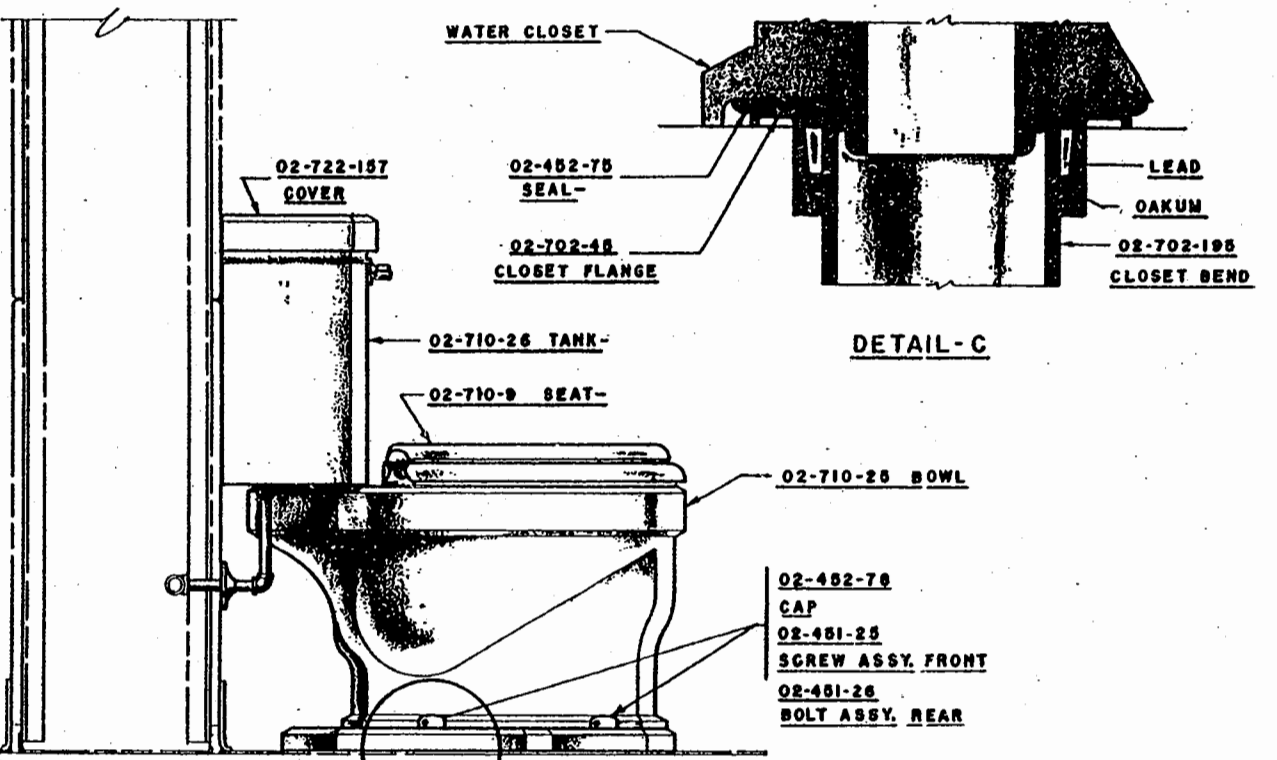
NOTE:  
FC = FIELD CONNECTION.  
ALL PIPE & FITTINGS SHOWN  
IN BLACK ARE TO BE CONN-  
ECTED IN THE FIELD.

<b>Lustron</b> CORPORATION		ERECTION	MANUAL
TITLE <b>INSTALLATION-SERVICE WALL PLUMBING, SECTIONS &amp; DETAILS</b>			
PREPARED BY W. C. G.	DATE 3-28-49	EFF. 211 THRU 3000	
REVISION 5-27-49	BY W. C. G.	DRAWING NUMBER <b>EM-02-J-31.1</b>	

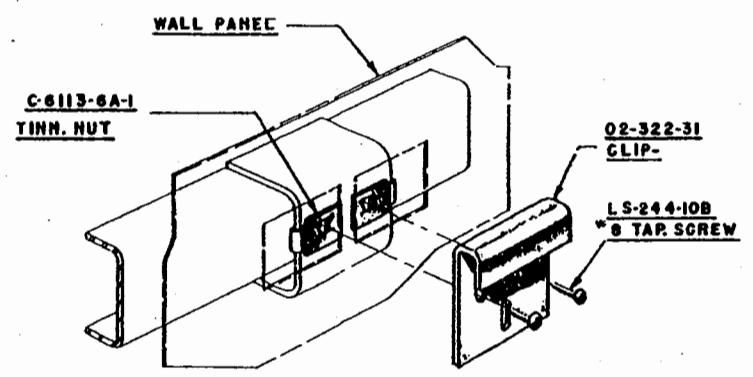




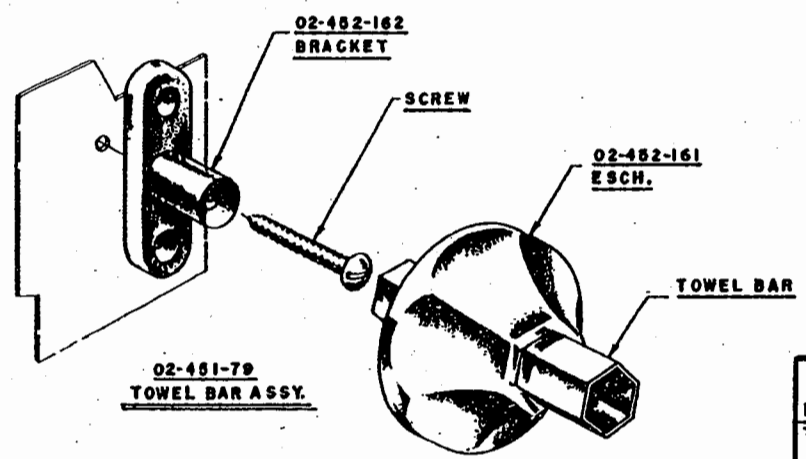
LAVATORY INSTALLATION



TOILET INSTALLATION



INSTALLATION OF LAVATORY MOUNTING BRACKETS

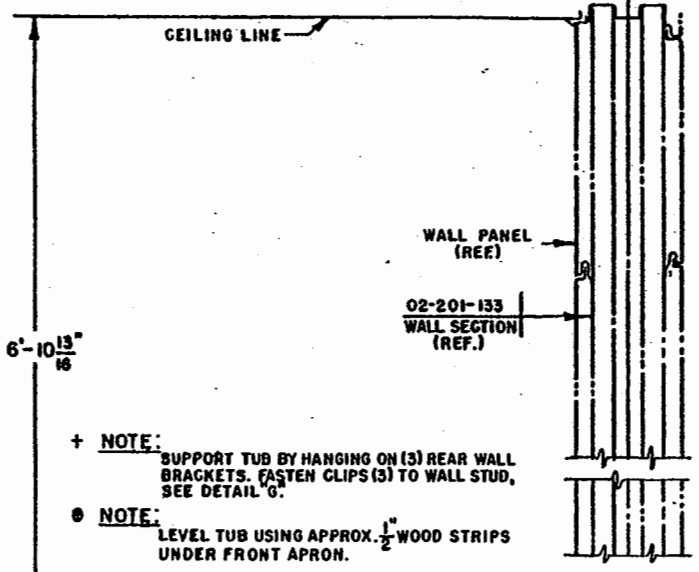
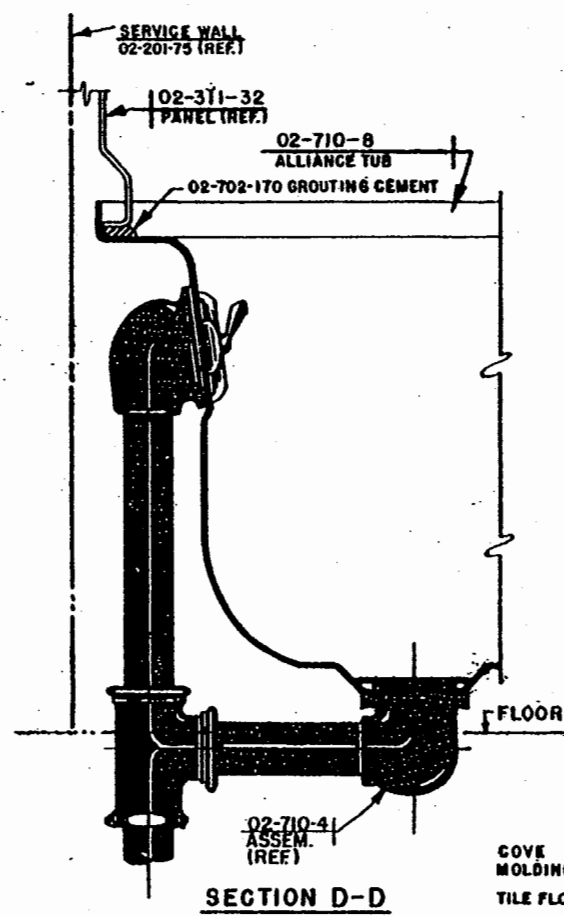


ATTACHMENT OF TOWEL BAR TO WALL

THIS PAGE SUPERSEDES EM-02-J-31.1 AT HOUSE 2001

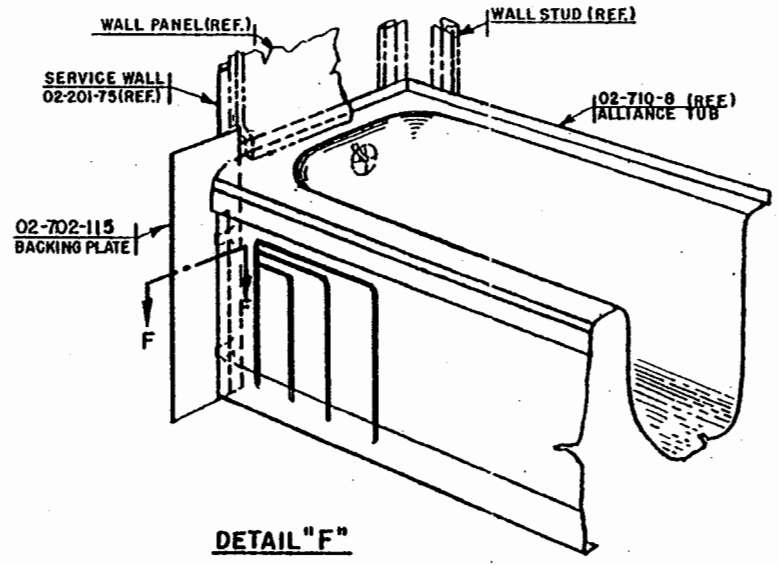
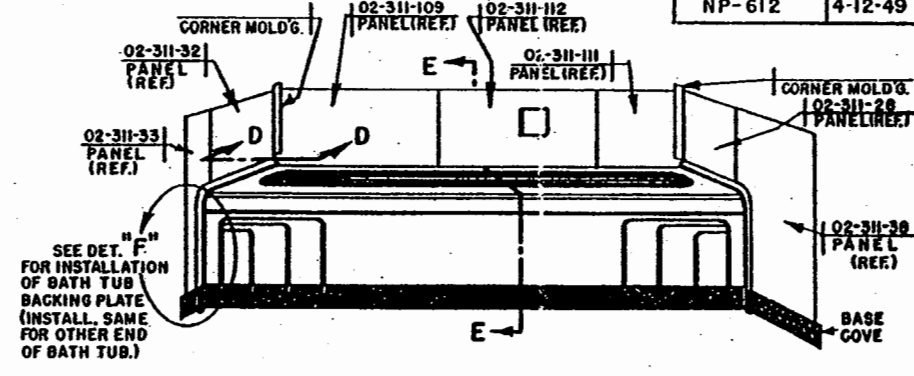
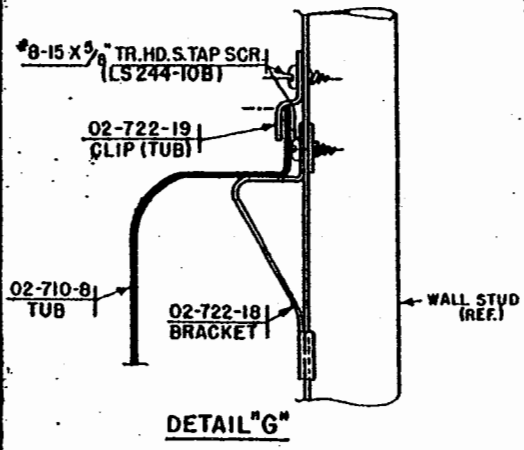
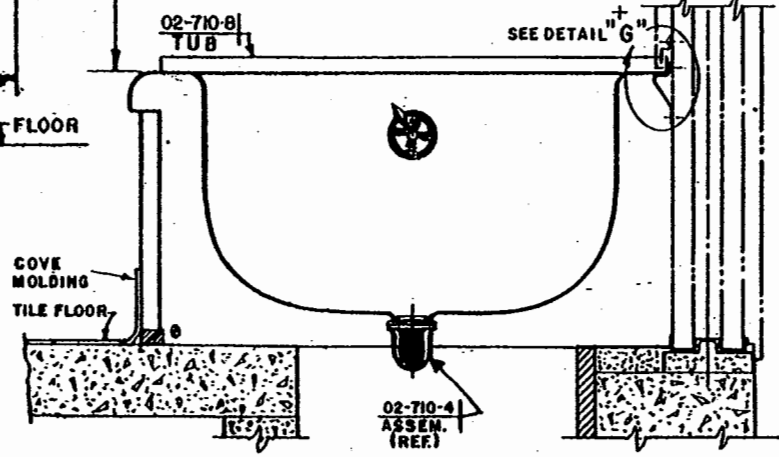
**LUSTRON**  
CORPORATION

ERECTION		MANUAL
TITLE PLUMBING INSTALLATION - LAVATORY & TOILET		
PREPARED BY R.B.L.	DATE 9-19-49	EFF. 2001 & SUB. DRAWING NUMBER EM-02-J-32.1

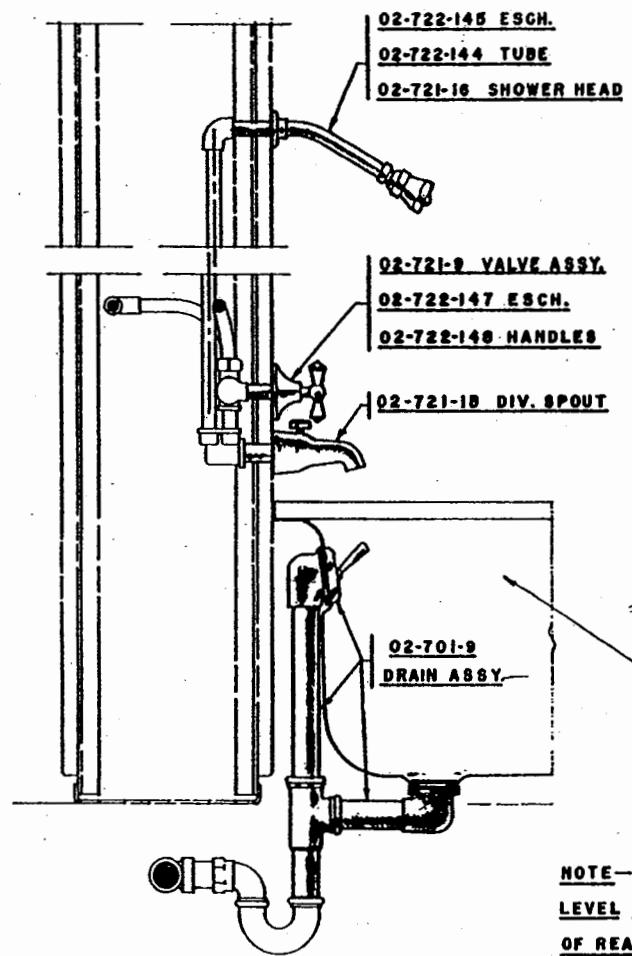


+ NOTE: SUPPORT TUB BY HANGING ON (3) REAR WALL BRACKETS. FASTEN CLIPS (3) TO WALL STUD, SEE DETAIL "G".

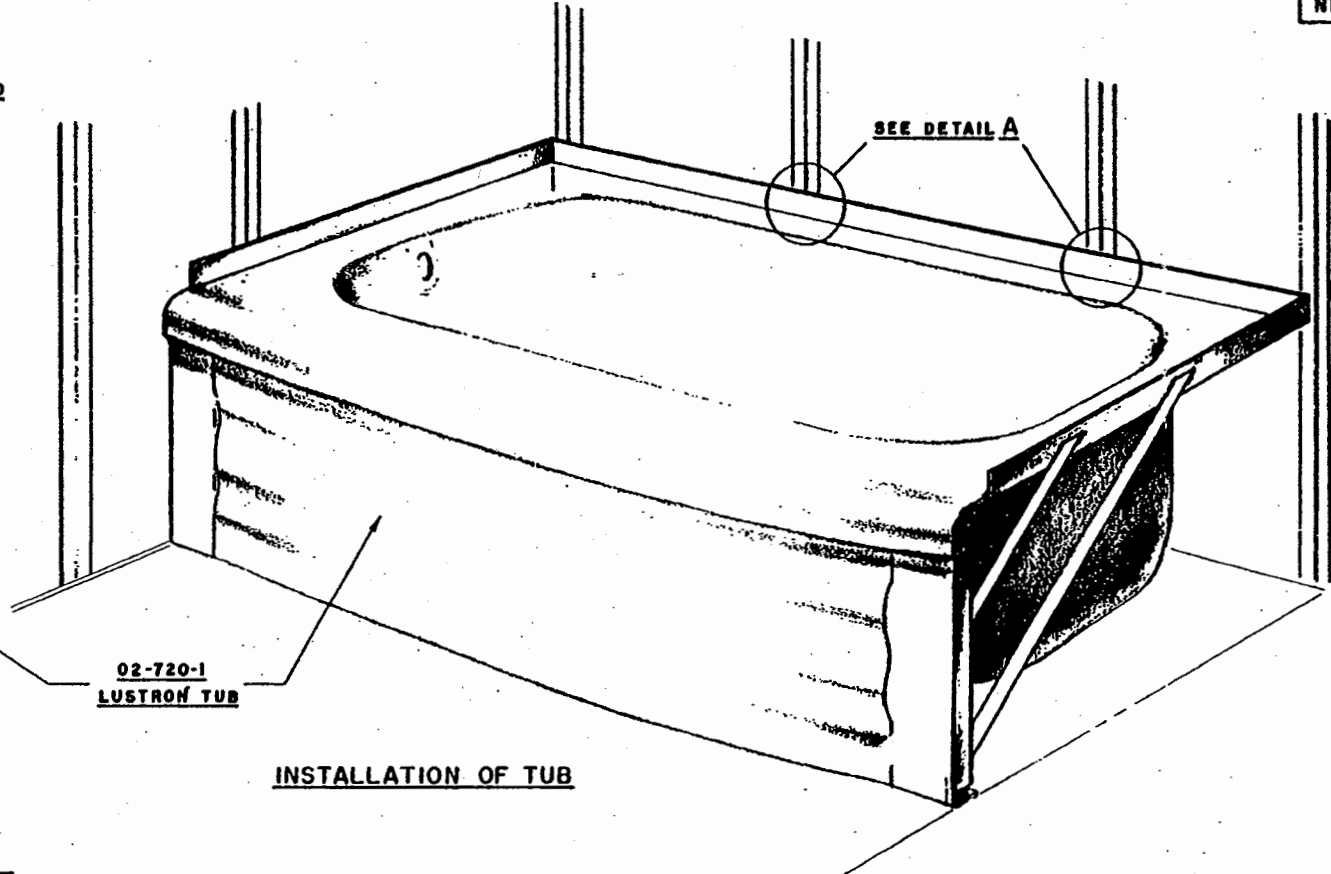
• NOTE: LEVEL TUB USING APPROX. 1/2" WOOD STRIPS UNDER FRONT APRON.



ERECTION		MANUAL
TITLE INSTALLATION-ALLIANCE BATH TUB AND DETAILS		
PREPARED BY W. C. G.	DATE 4-5-49	EFF. 101 THRU 3000 DRAWING NUMBER EM-02-J-41.1

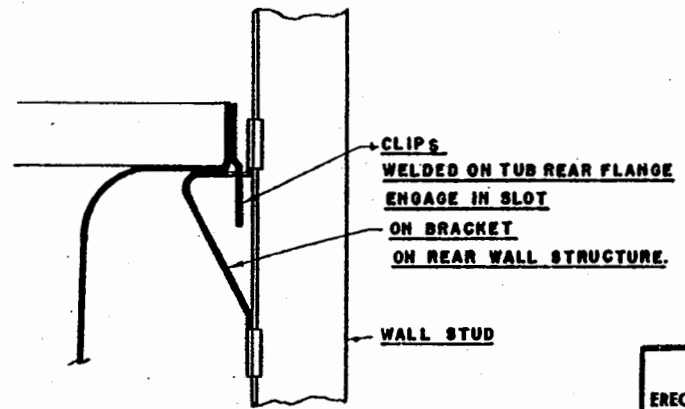


INSTALLATION OF TUB PLUMBING



INSTALLATION OF TUB

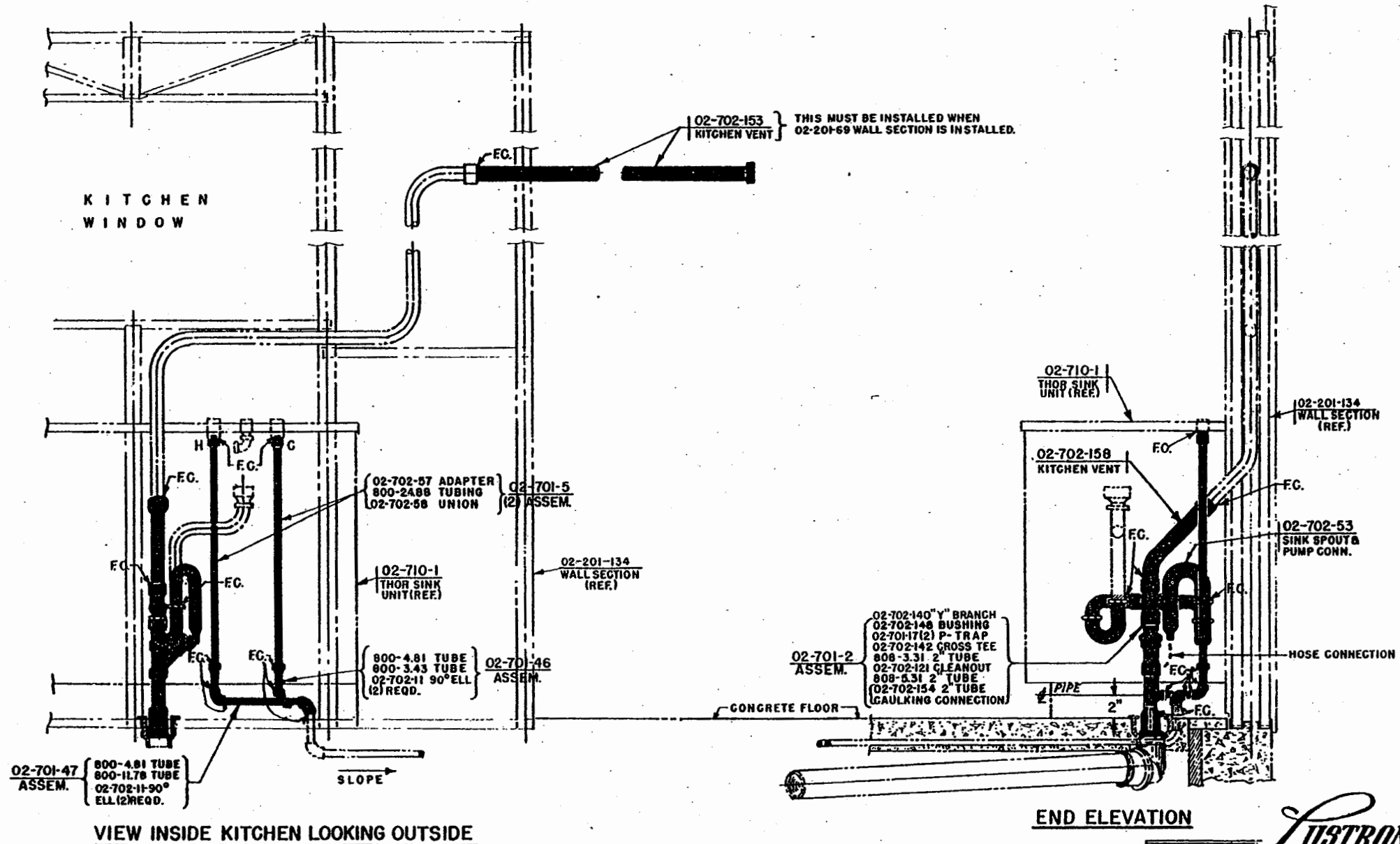
NOTE—  
LEVEL TUB FROM LOCATION  
OF REAR FLANGE.  
SHIM UNDER FRONT APRON,  
WHEN NECESSARY.  
AFTER INSTALLATION OF WALL  
PANELS, SEAL GAP AROUND  
TUB FLANGE WITH  
02-702-170 CEMENT.



DETAIL A  
TUB ANCHORAGE

THIS PAGE SUPERSEDES  
EM-02-J-41.1 AT HOUSE 200T

<i>LUSTRON</i> CORPORATION		MANUAL
ERECTION		
TITLE PLUMBING INSTALLATION— LUSTRON BATH TUB		
PREPARED BY REL	DATE 9-29-49	EFF. 2001 & SUB. DRAWING NUMBER EM-02-J-42.1



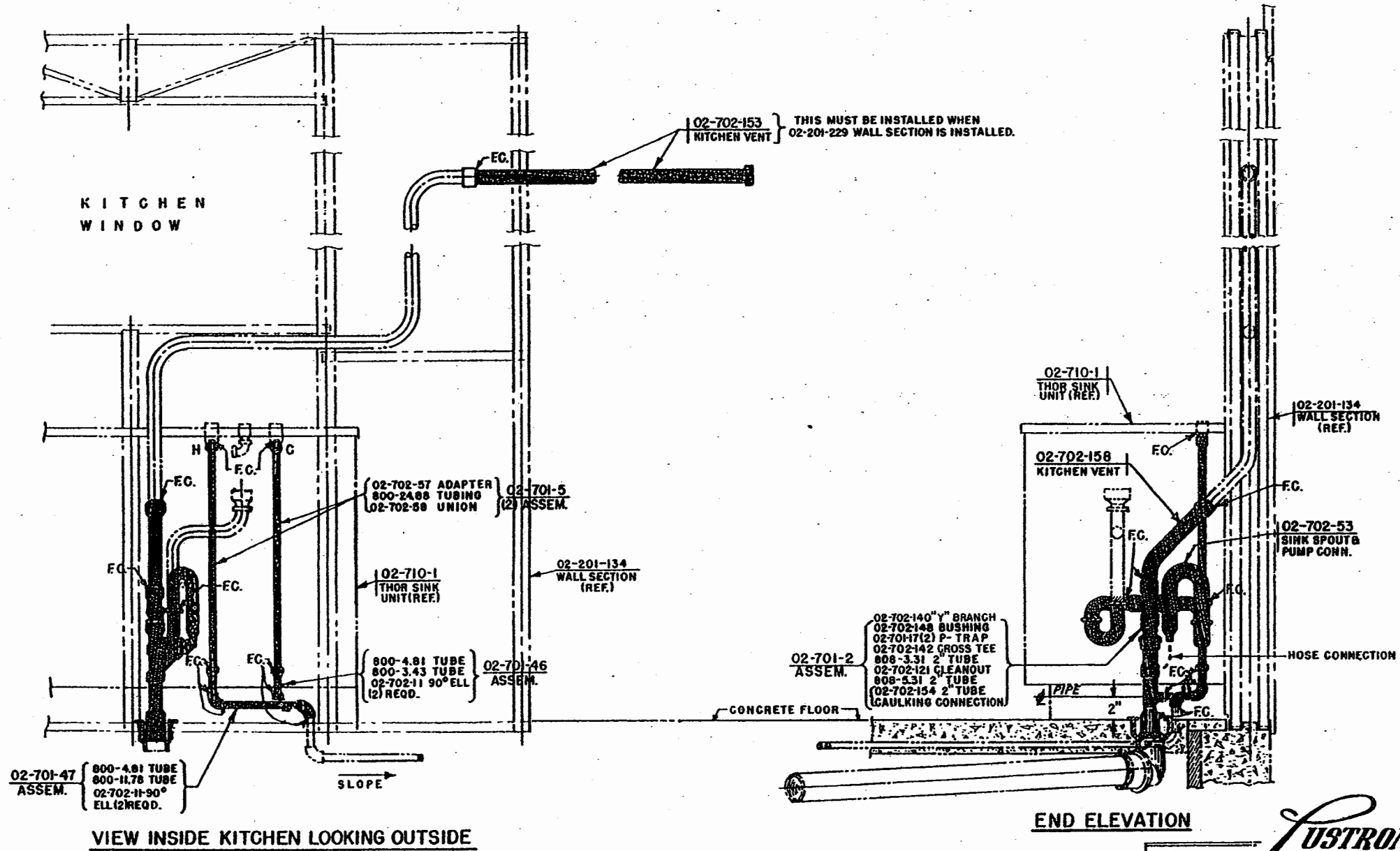
VIEW INSIDE KITCHEN LOOKING OUTSIDE

END ELEVATION

NOTE:  
F.C. = FIELD CONNECTION.  
ALL PIPE AND FITTINGS SHOWN  
IN BLACK TO BE CONNECTED IN  
THE FIELD.



ERECTION		MANUAL	
TITLE INSTALLATION-PLUMBING AT KITCHEN SINK			
PREPARED BY W. C. G.	DATE 4-8-49	EFF. 101 THRU 3000	
		DRAWING NUMBER EM-02-J-51.1	

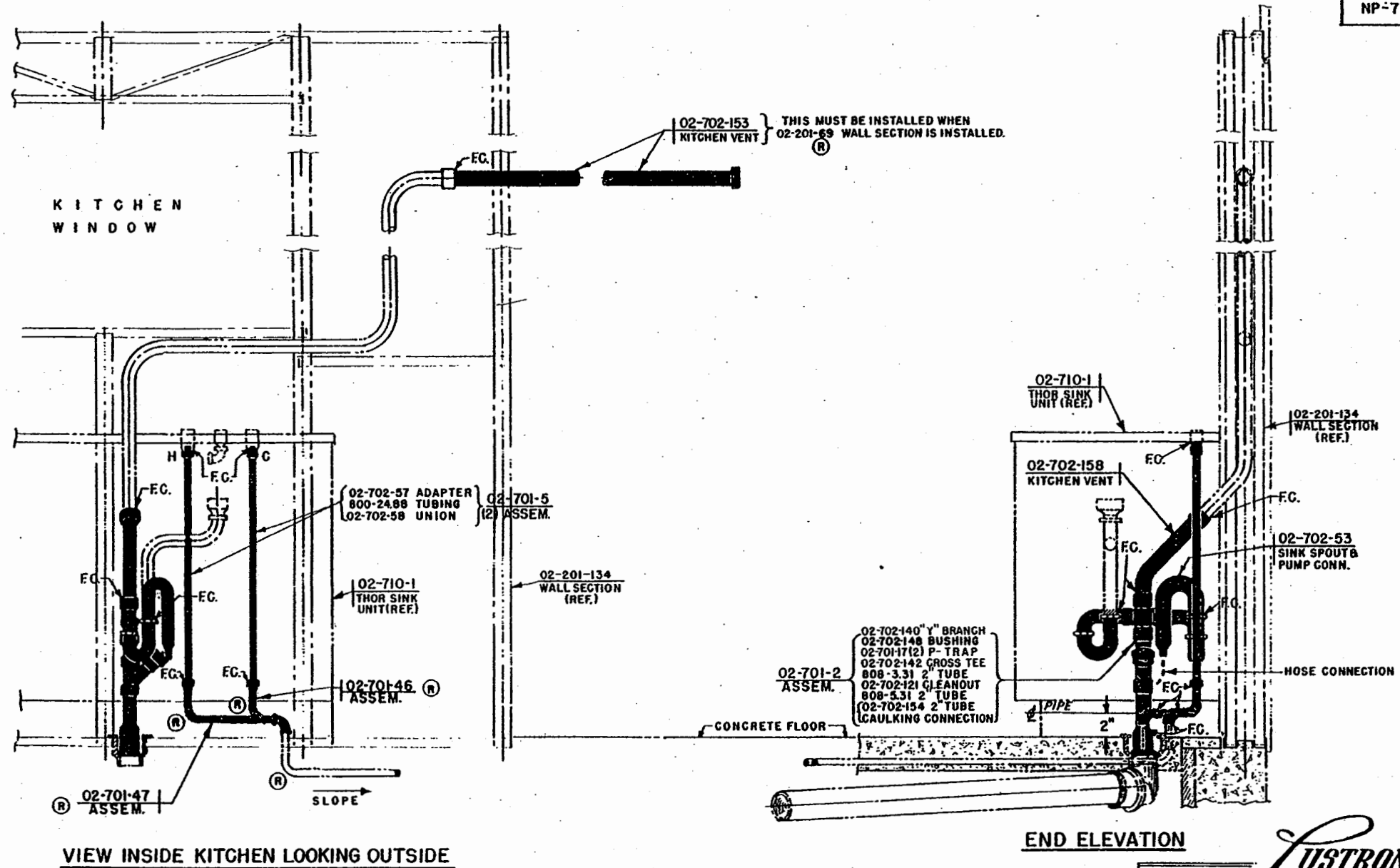


THIS PAGE SUPERSEDES PAGE NO.  
EM-02-J-51.1 AT HOUSE NO 2001.



ERECTION		MANUAL	
TITLE INSTALLATION-PLUMBING AT KITCHEN SINK			
PREPARED BY W. C. O.	DATE 8-1-49	EFF. 2001 THRU 3000	
		DRAWING NUMBER EM-02-J-51.11	

RELEASE NO. NP-731	DATE 8-1-49
NP-771	9-14-49



02-702-153 } THIS MUST BE INSTALLED WHEN  
KITCHEN VENT } 02-201-69 WALL SECTION IS INSTALLED.  
(R)

- 02-702-140 1/2" BRANCH
- 02-702-148 BUSHING
- 02-701-17(2) P-TRAP
- 02-702-142 CROSS TEE
- 808-3.31 2" TUBE
- 02-702-121 CLEANOUT
- 808-5.31 2" TUBE
- 02-702-154 2" TUBE
- (CAULKING CONNECTION)

VIEW INSIDE KITCHEN LOOKING OUTSIDE

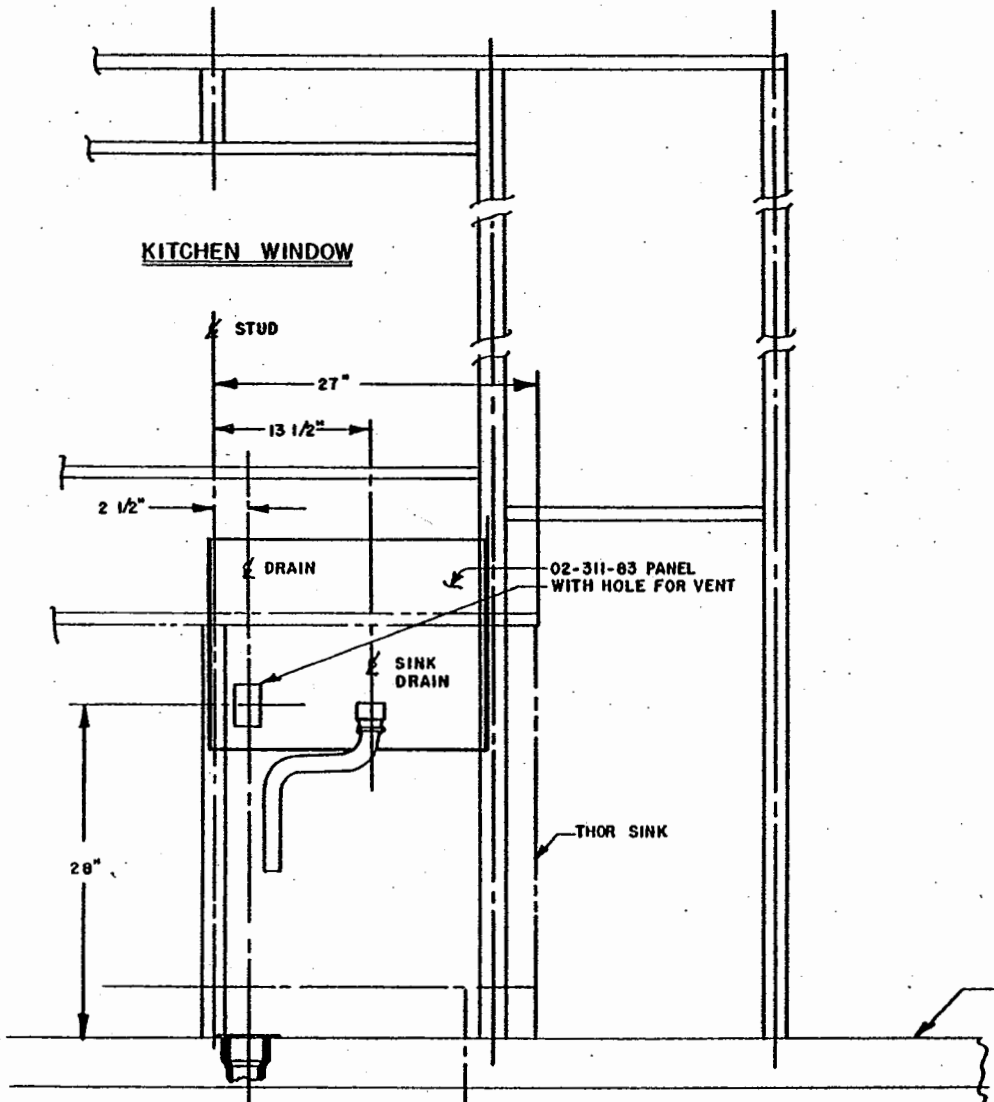
END ELEVATION

THIS PAGE SUPERSEDES PAGE NO.  
EM-02-J-51.1 AT HOUSE NO. 2001.

NOTE:  
F.C. = FIELD CONNECTION.  
ALL PIPE AND FITTINGS SHOWN  
IN BLACK TO BE CONNECTED IN  
THE FIELD.

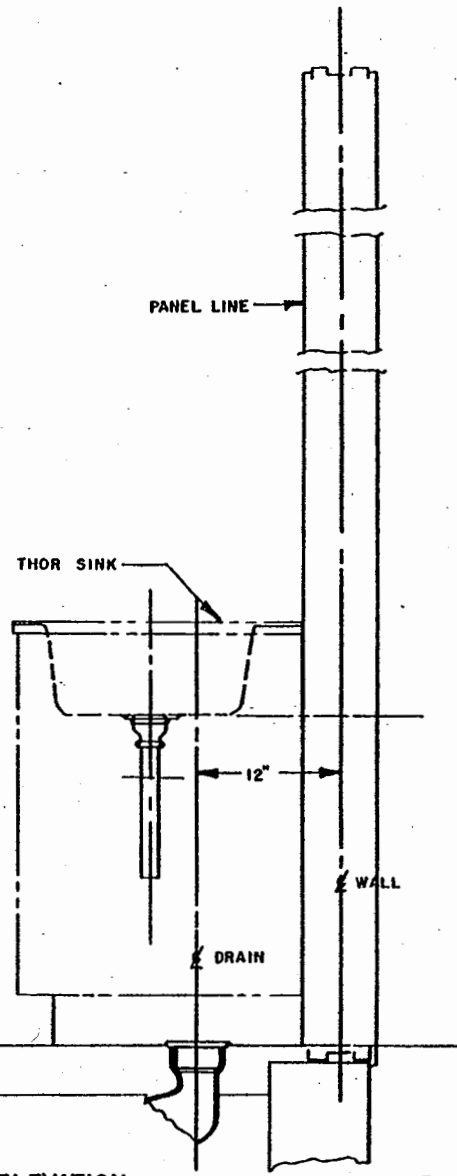


ERECTION	MANUAL		
TITLE	INSTALLATION-PLUMBING AT KITCHEN SINK		
PREPARED BY	DATE	EFF.	2001 THRU 3000
W. C. G.	8-1-49		DRAWING NUMBER
REVISED	BY		EM-02-J-51.12
9-14-49 (R)	W. C. G.		



**VIEW OF KITCHEN WALL**  
(FROM INSIDE)

CONCRETE FLOOR

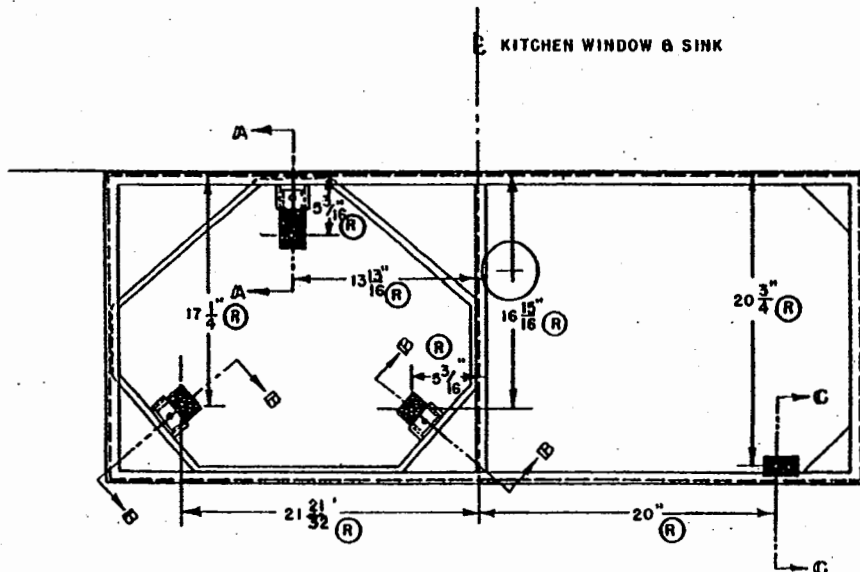


**SIDE ELEVATION**

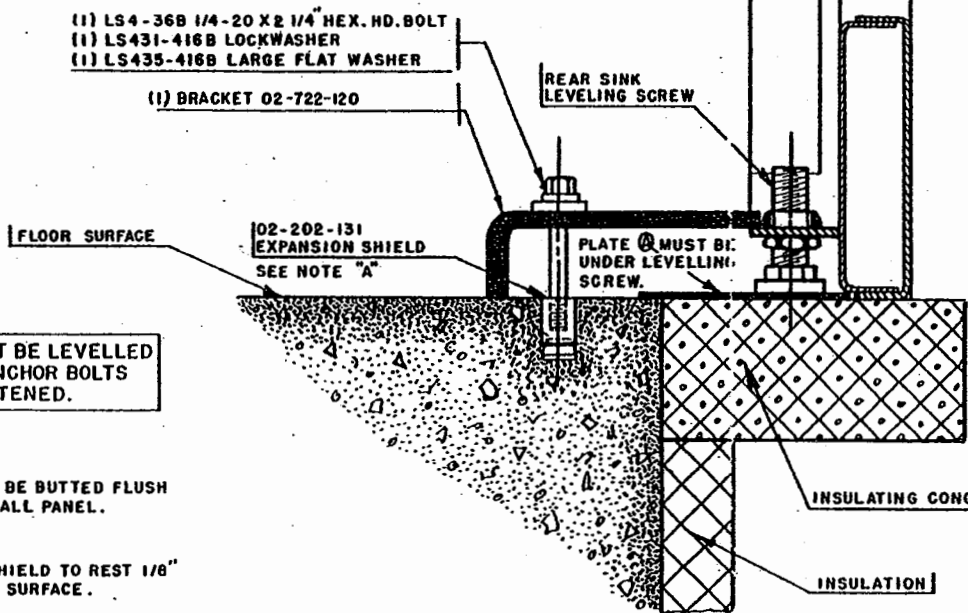


ERECTION		MANUAL
TITLE LAYOUT-ROUGH-IN DIMENSIONS- KITCHEN SINK-DRAIN & VENT.		
PREPARED BY R.H.G.	DATE 6-8-49	EFF. 1001 THRU 3000
		DRAWING NUMBER EM-02-J-51.15

RELEASE NO. NP-654	DATE 4-27-49
NP-690	6-16-49



**BOTTOM FRAME OF THOR SINK  
PLAN VIEW**

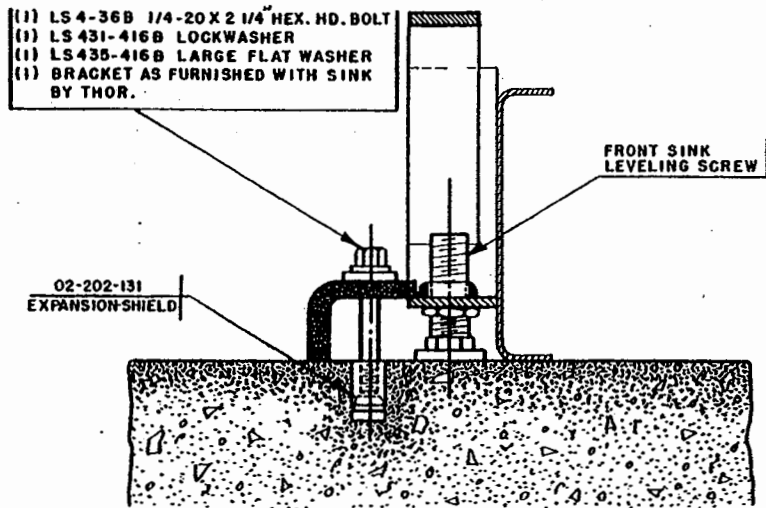


**SECTION A-A**

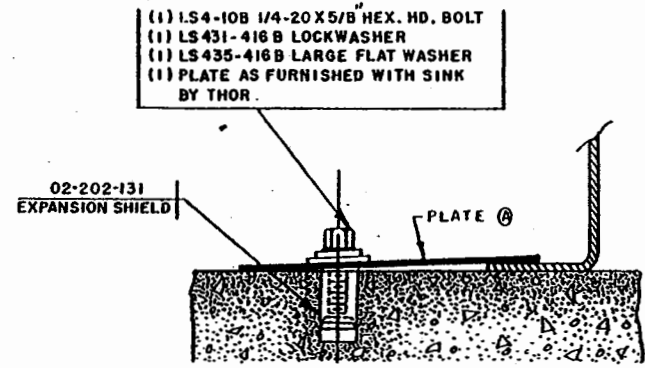
**SINK MUST BE LEVELLED BEFORE ANCHOR BOLTS ARE TIGHTENED.**

**NOTE:**  
THOR SINK TO BE BUTTED FLUSH TO KITCHEN WALL PANEL.

**NOTE "A"**  
EXPANSION SHIELD TO REST 1/8" BELOW FLOOR SURFACE.



**SECTION B-B**



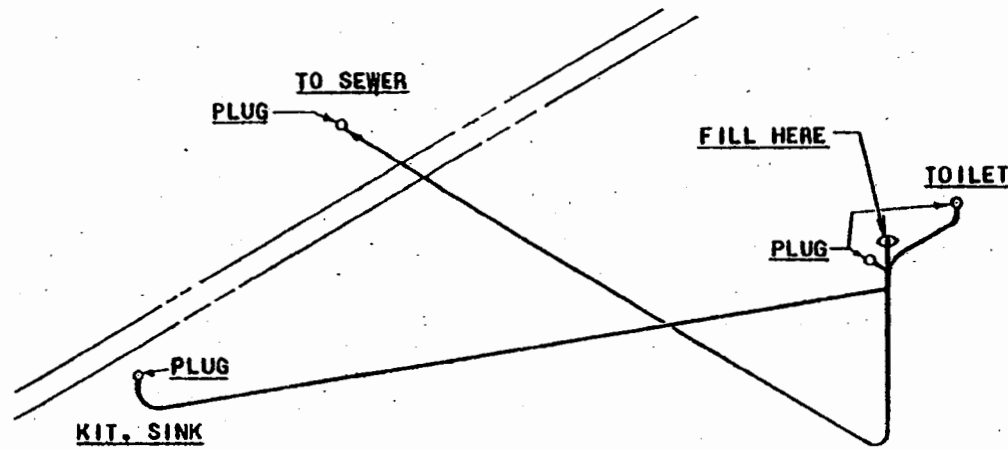
**SECTION C-C**

(3) PLATES (A) ARE FURNISHED WITH SINK BY THOR—BUT ONLY (2) ARE REQ'D.

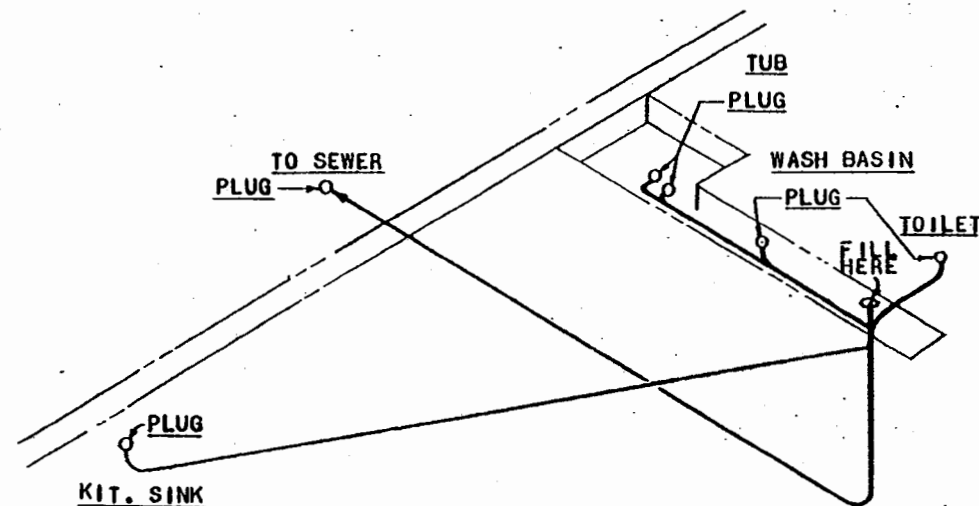


ERECTION		MANUAL	
TITLE INSTALLATION OF THOR SINK ANCHOR ASSEMBLY			
PREPARED BY R. H. GEYER	DATE 4-27-49	EFF. 700 THRU 3000	
REVISED 6-16-49 (R)	BY W. C. G.	DRAWING NUMBER EM-02-J-52.1	

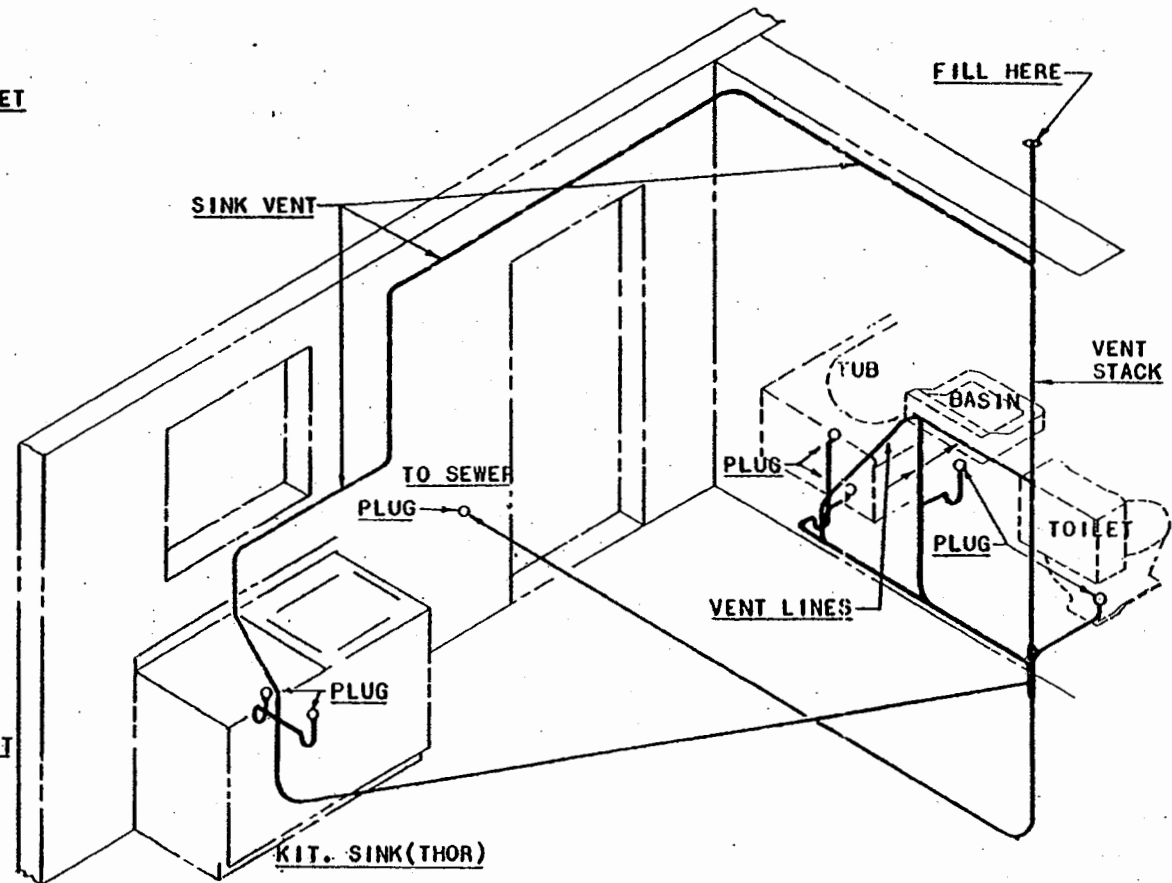




**TEST #1**  
 BEFORE SLAB IS POURED  
 BEFORE SEWER DITCH IS FILLED



**TEST #2**  
 AFTER SLAB IS POURED  
 BEFORE SEWER DITCH IS FILLED  
 BEFORE SERVICE-WALL IS INSTALLED



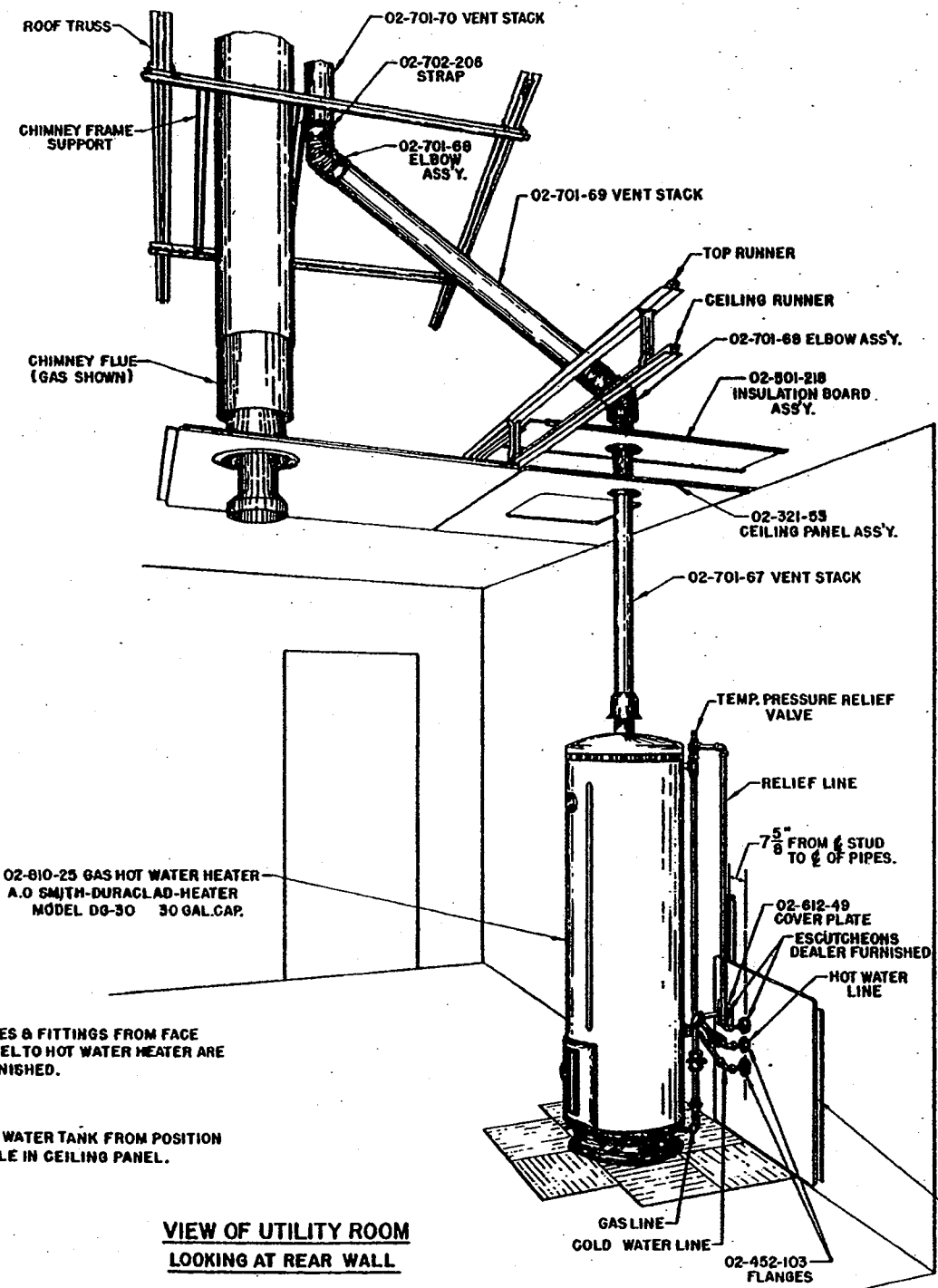
**TEST #3**

AFTER ALL PLUMBING IS INSTALLED  
 BEFORE SEWER DITCH IS FILLED  
 BEFORE VENT-PIPE EXTENSION IS INSTALLED

NOTE: THIS IS A SUGGESTED METHOD  
 OF PRESSURE-TESTING  
 DRAIN AND VENTS WHEN REQUIRED  
 BY LOCAL INSPECTION.



ERECTION		MANUAL
TITLE PLUMBING- DRAIN AND VENT- PRESSURE TESTING- SUGGESTED.		
PREPARED BY REL	DATE 4-11-49	EFF. 511 & SUBS. DRAWING NUMBER EM-02-J-60.1

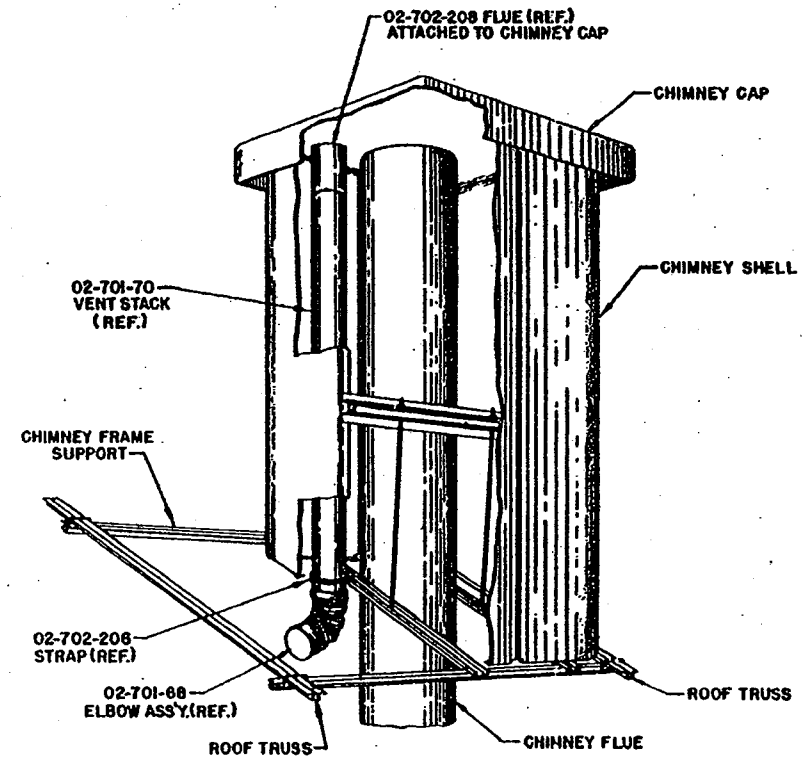


02-610-25 GAS HOT WATER HEATER  
A.O SMITH-DURACLAD-HEATER  
MODEL D9-30 30 GAL.CAP.

NOTE A.  
ALL PIPE LINES & FITTINGS FROM FACE  
OF WALL PANEL TO HOT WATER HEATER ARE  
DEALER FURNISHED.

NOTE B.  
LOCATE HOT WATER TANK FROM POSITION  
OF VENT HOLE IN CEILING PANEL.

**VIEW OF UTILITY ROOM  
LOOKING AT REAR WALL**

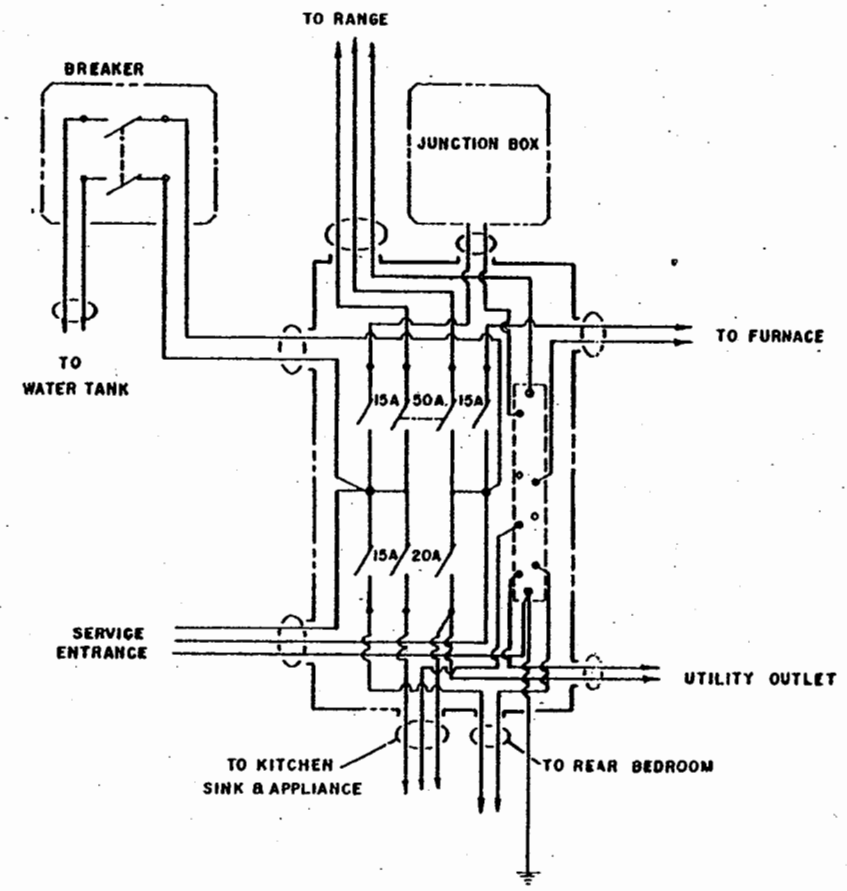
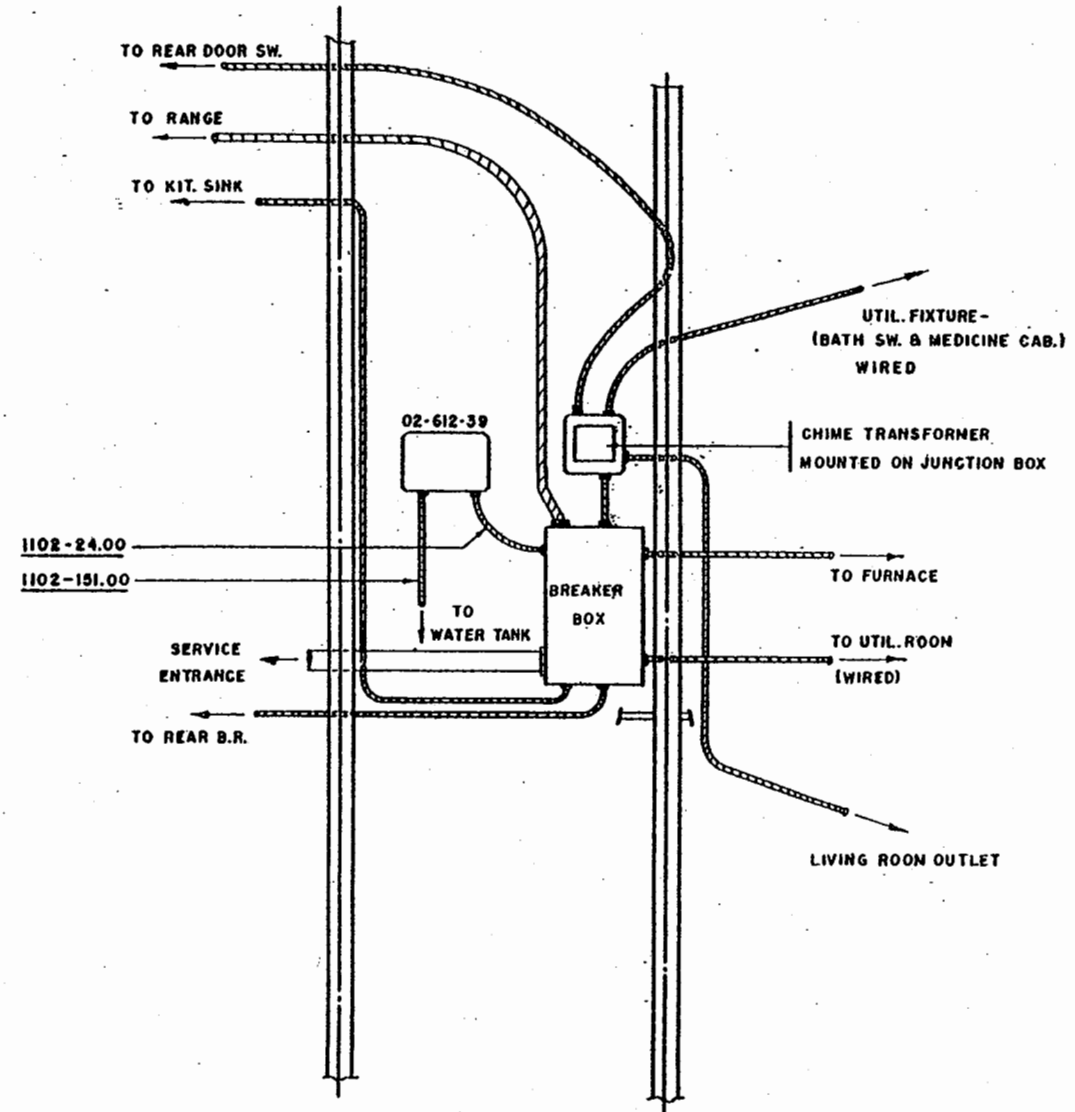


NOTE CHIMNEY SHELL RESTS ON TOP OF ROOF PANEL.  
ROOF PANEL NOT SHOWN.

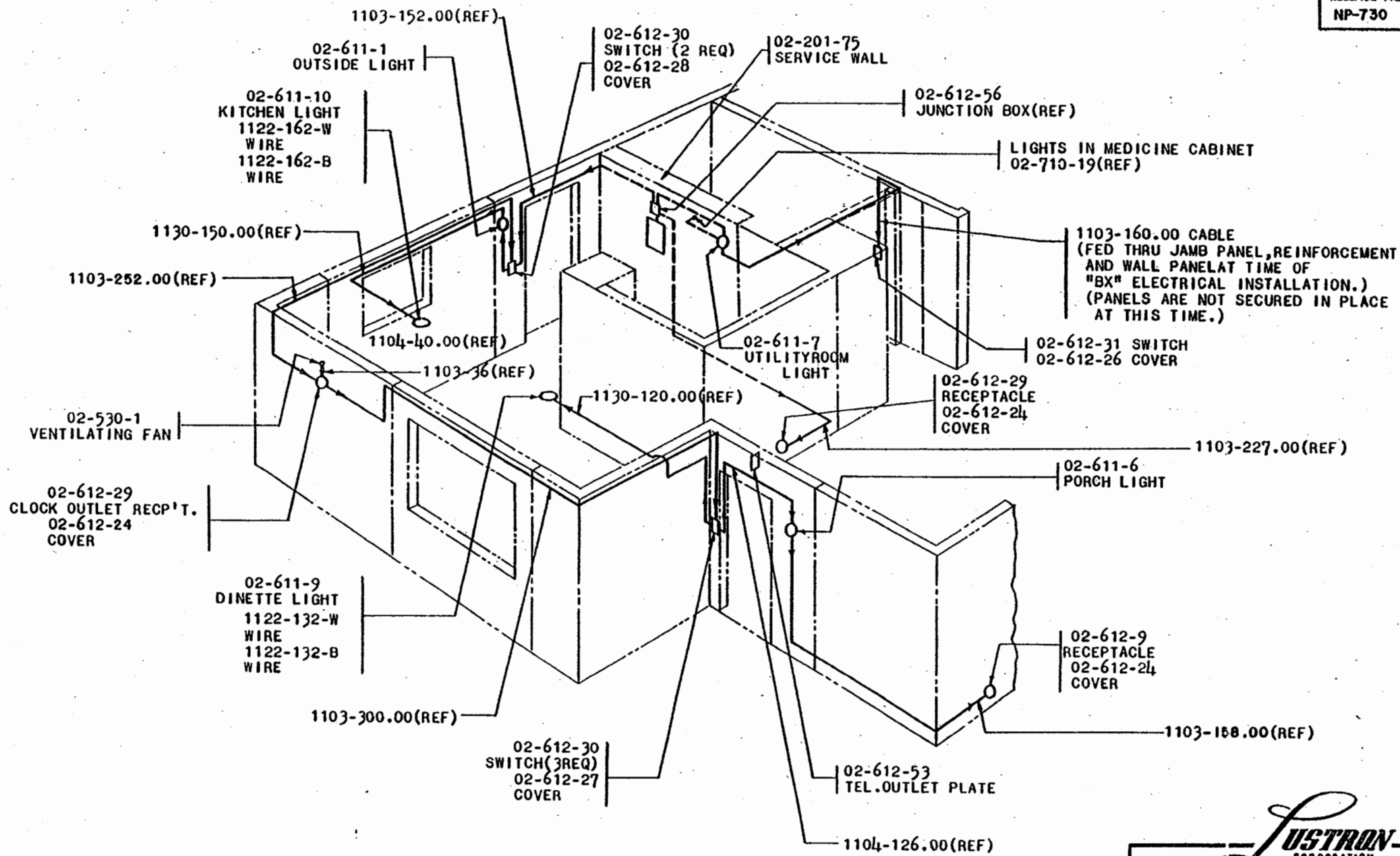
**VIEW OF CHIMNEY WITH GAS FLUE  
LOOKING FROM BACK TO LEFT SIDE  
OF HOUSE**



ERECTOR		MANUAL	
TITLE <b>INSTALLATION GAS HOT WATER HEATER AND FLUE</b>			
PREPARED BY G.E.	DATE 5-9-49	EFF. 825 THRU 3000 DRAWING NUMBER <b>EM-02-J-102.1</b>	



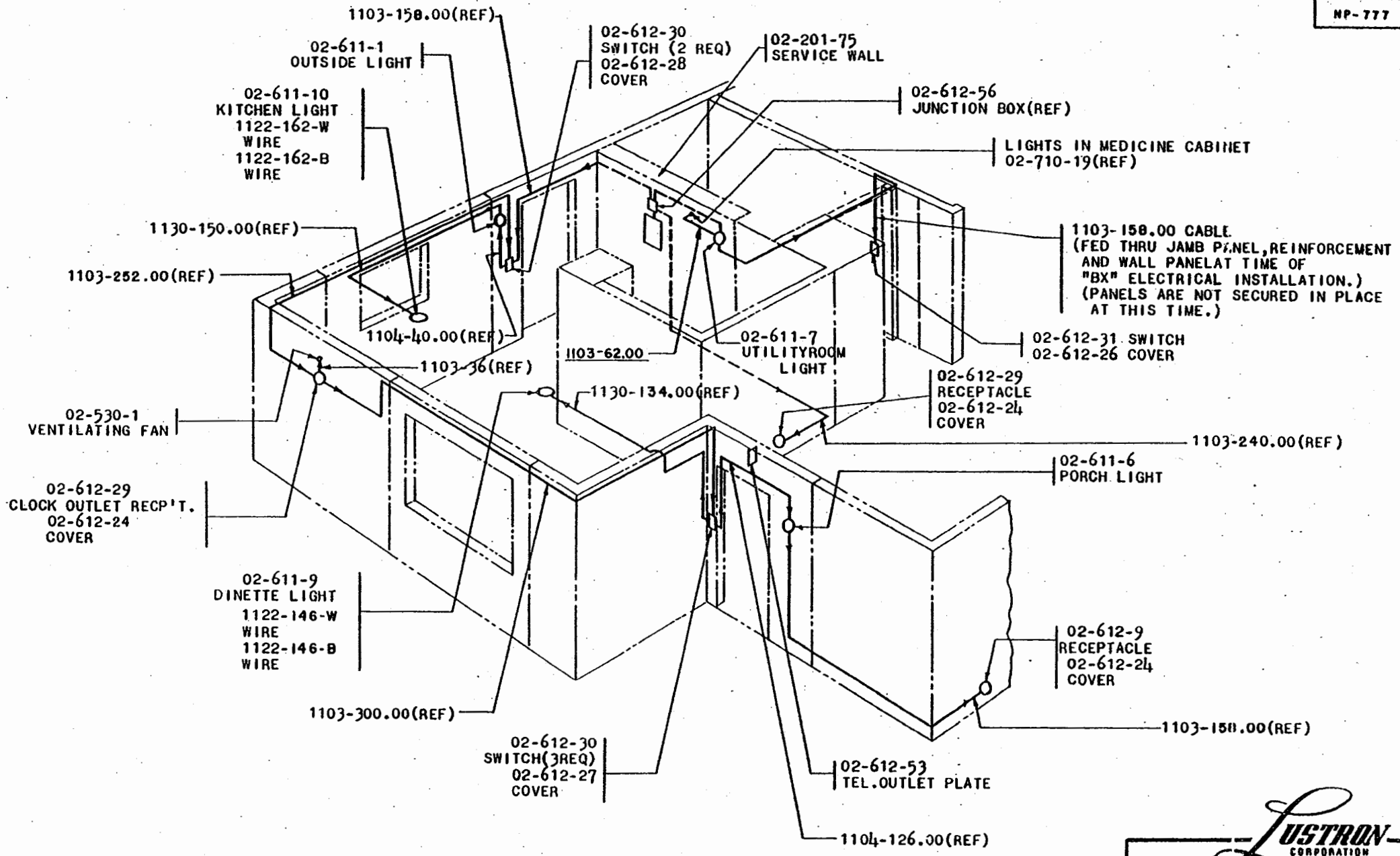
ERECTION	MANUAL	
TITLE SERVICE WALL INSTALLATION - ELECTRICAL DIAGRAM		
PREPARED BY REL	DATE 11-16-49	EFF. 2001 & SUB.
		DRAWING NUMBER EM-02-K-09.1



**NOTE:**  
THIS DRAWING SUPERSEDES  
EM-02-K-11.1 AT HOUSE  
NO. 1001.



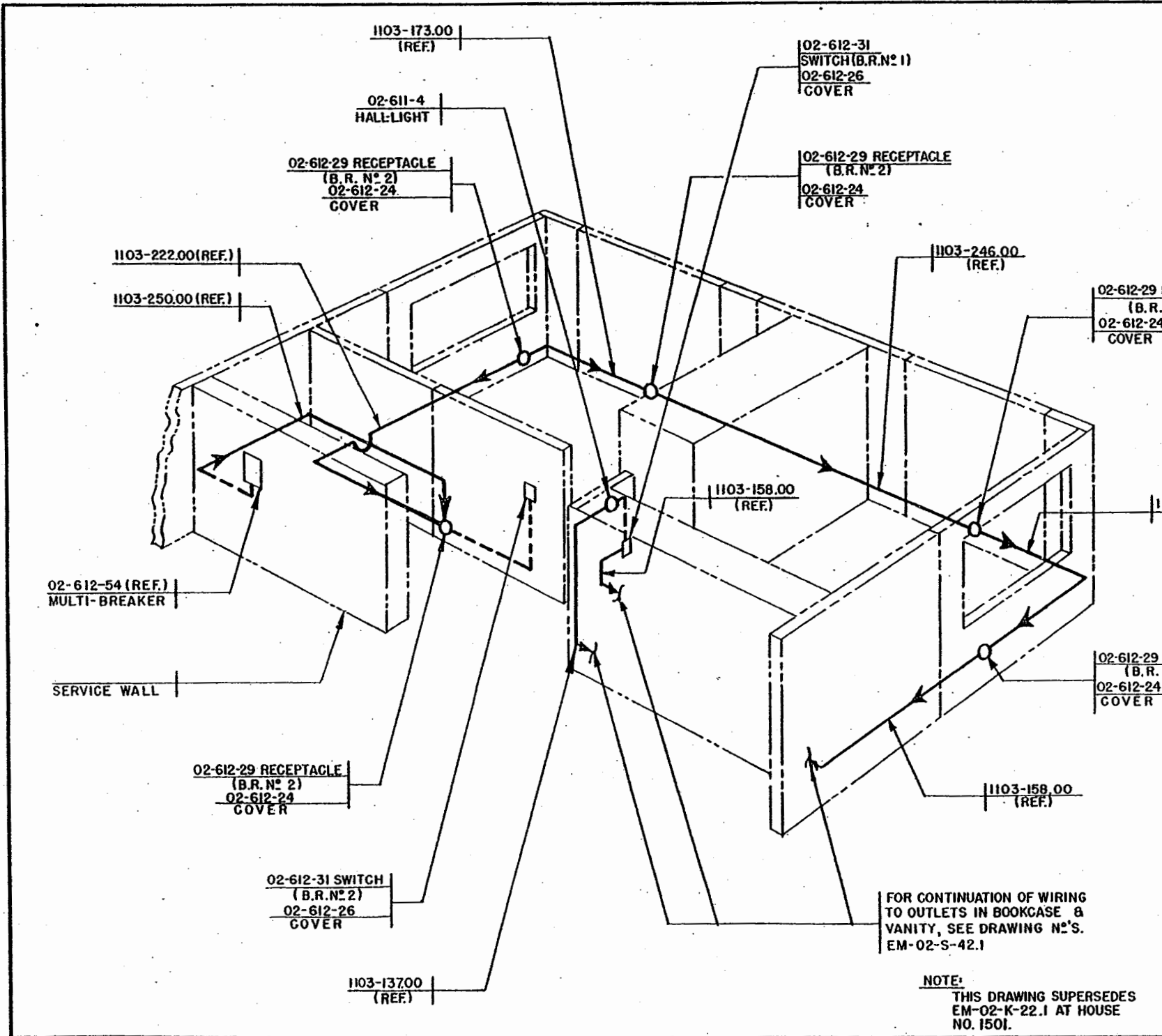
ERECTION		MANUAL
TITLE LIGHTING CIRCUIT #1 (15 AMP-110 VOLT)		
PREPARED BY RLS	DATE 7-28-49	EFF. 1001 THRU 2000 DRAWING NUMBER EM-02-K-11.11



**NOTE:**  
THIS DRAWING SUPERSEDES  
EM-02-K-11.11 AT HOUSE  
NO.2001.



ERECTION		MANUAL	
TITLE LIGHTING CIRCUIT #1 (15 AMP-110 VOLT)			
PREPARED BY RLS	DATE 7-28-49	EFF 2001 & SUB. DRAWING NUMBER EM-02-K-12.1	

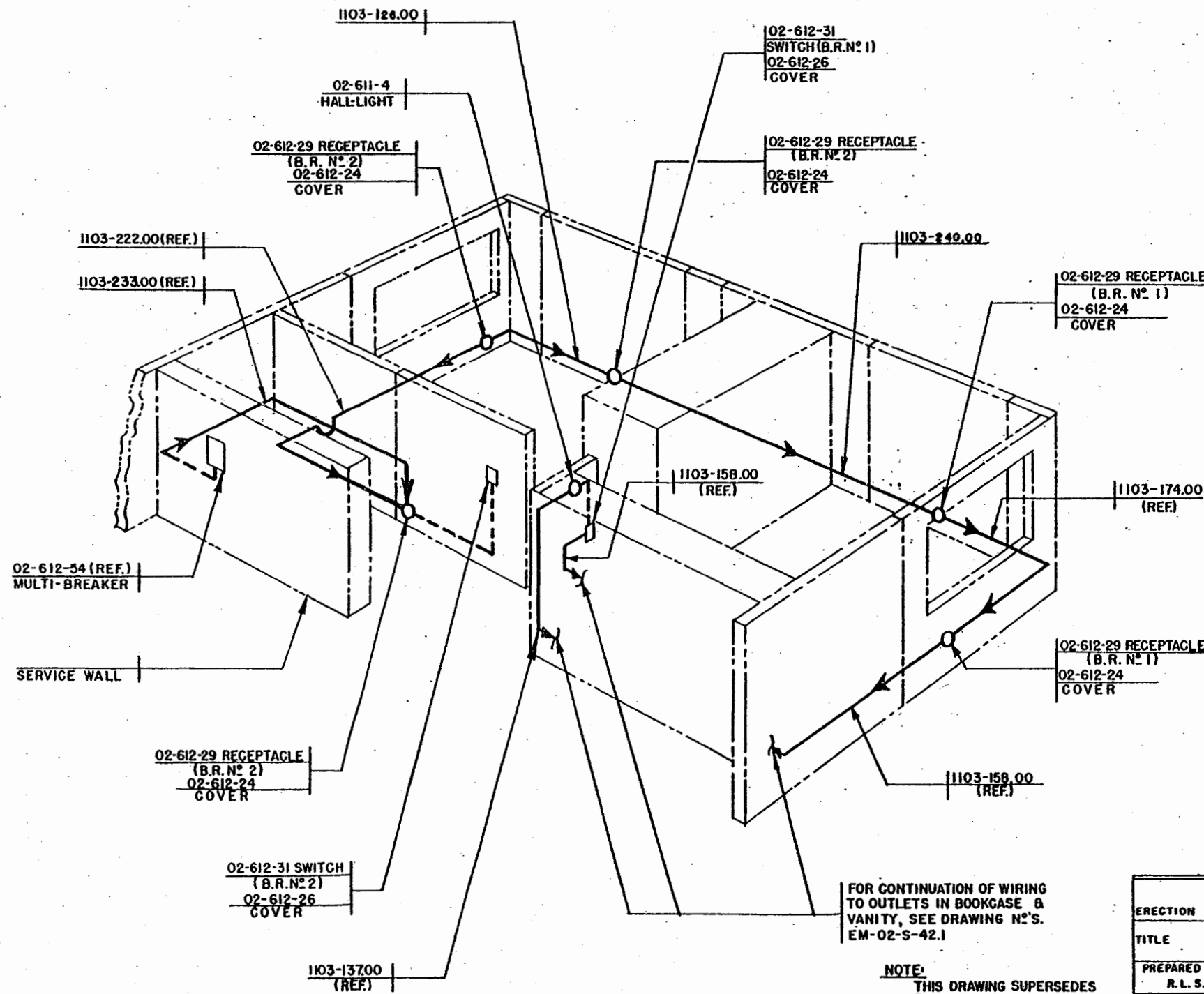


FOR CONTINUATION OF WIRING TO OUTLETS IN BOOKCASE & VANITY, SEE DRAWING N°S. EM-02-S-42.1

NOTE:  
THIS DRAWING SUPERSEDES EM-02-K-22.1 AT HOUSE NO. 1501.



ERECTION		MANUAL	
TITLE LIGHTING CIRCUIT N° 2 (15 AMPS. - 110 VOLTS)			
PREPARED BY	DATE	EFF. 1501 THRU 2000	
R. L. S.	7-28-49	DRAWING NUMBER	
		EM-02-K-22.11	

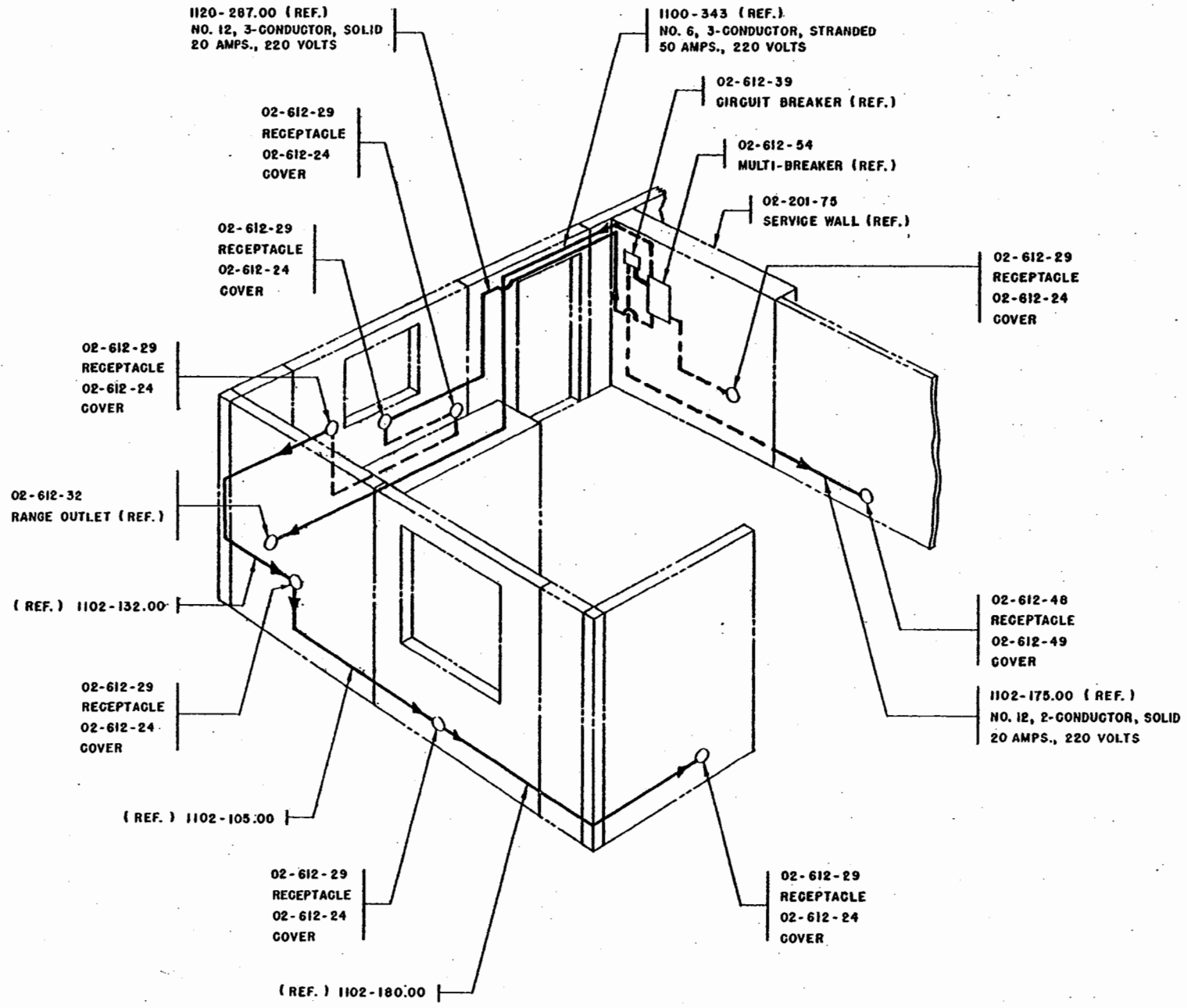


FOR CONTINUATION OF WIRING  
TO OUTLETS IN BOOKCASE &  
VANITY, SEE DRAWING N°S.  
EM-02-S-42.1

**NOTE:**  
THIS DRAWING SUPERSEDES  
EM-02-K-22.11 AT HOUSE  
AT 2001



ERECTION		MANUAL	
TITLE <b>LIGHTING CIRCUIT N° 2</b> (15 AMPS.-110 VOLTS)			
PREPARED BY R. L. S.	DATE 7-28-49	EFF. 2001 & SUB. DRAWING NUMBER <b>EM-02-K-23.1</b>	

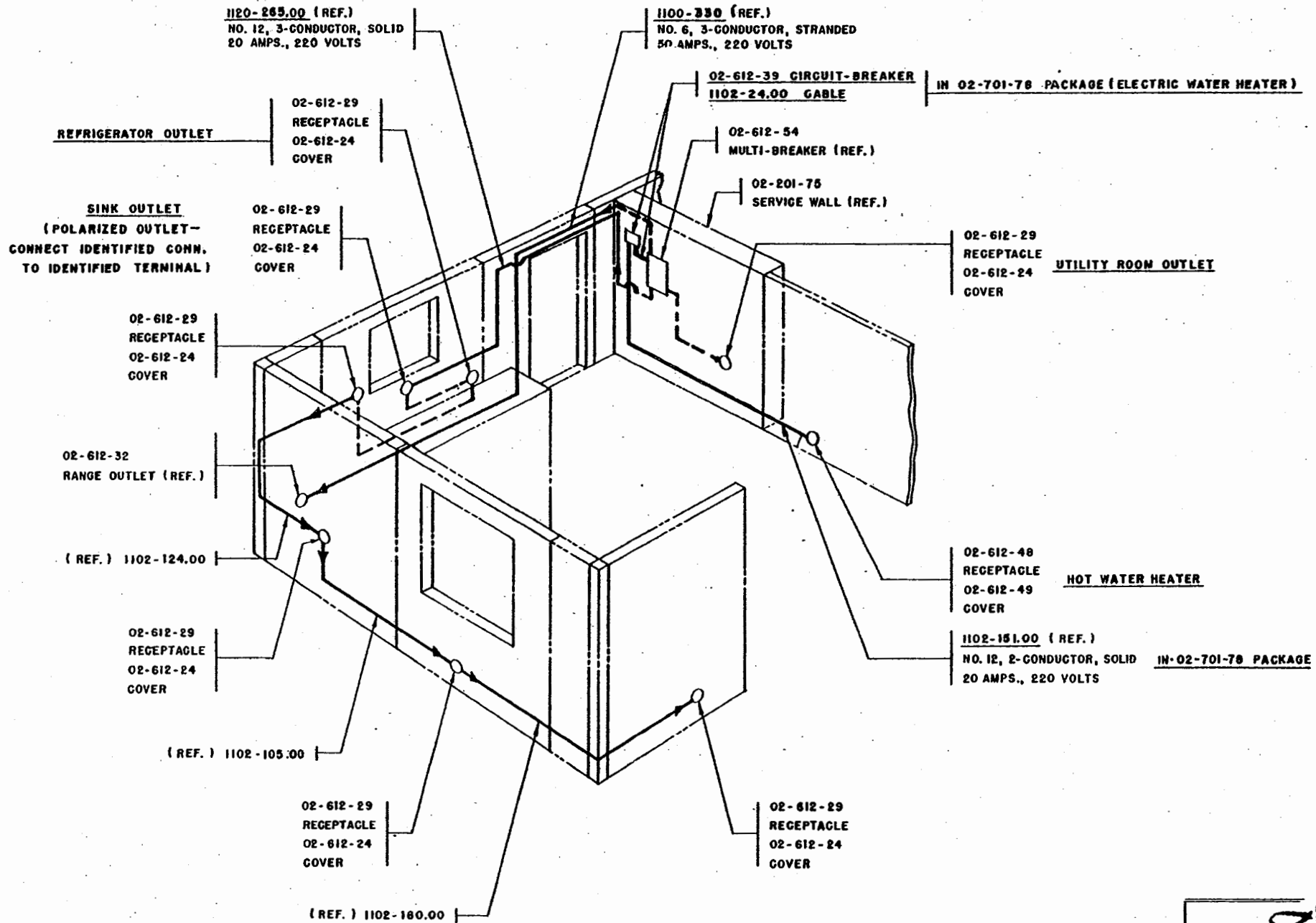


NOTE:  
THIS DRAWING  
SUPERSEDES  
EM-02-K-30, AT  
HOUSE NO. 1501.



ERECTION		MANUAL
TITLE RANGE, HOT WATER, & APPLIANCE CIRCUIT (20 AMPS., 110 VOLTS, EXCEPT AS NOTED)		
PREPARED BY R.L.S.	DATE 7-28-49	EFF. 1501 & SUB. DRAWING NUMBER EM-02-K-31.1

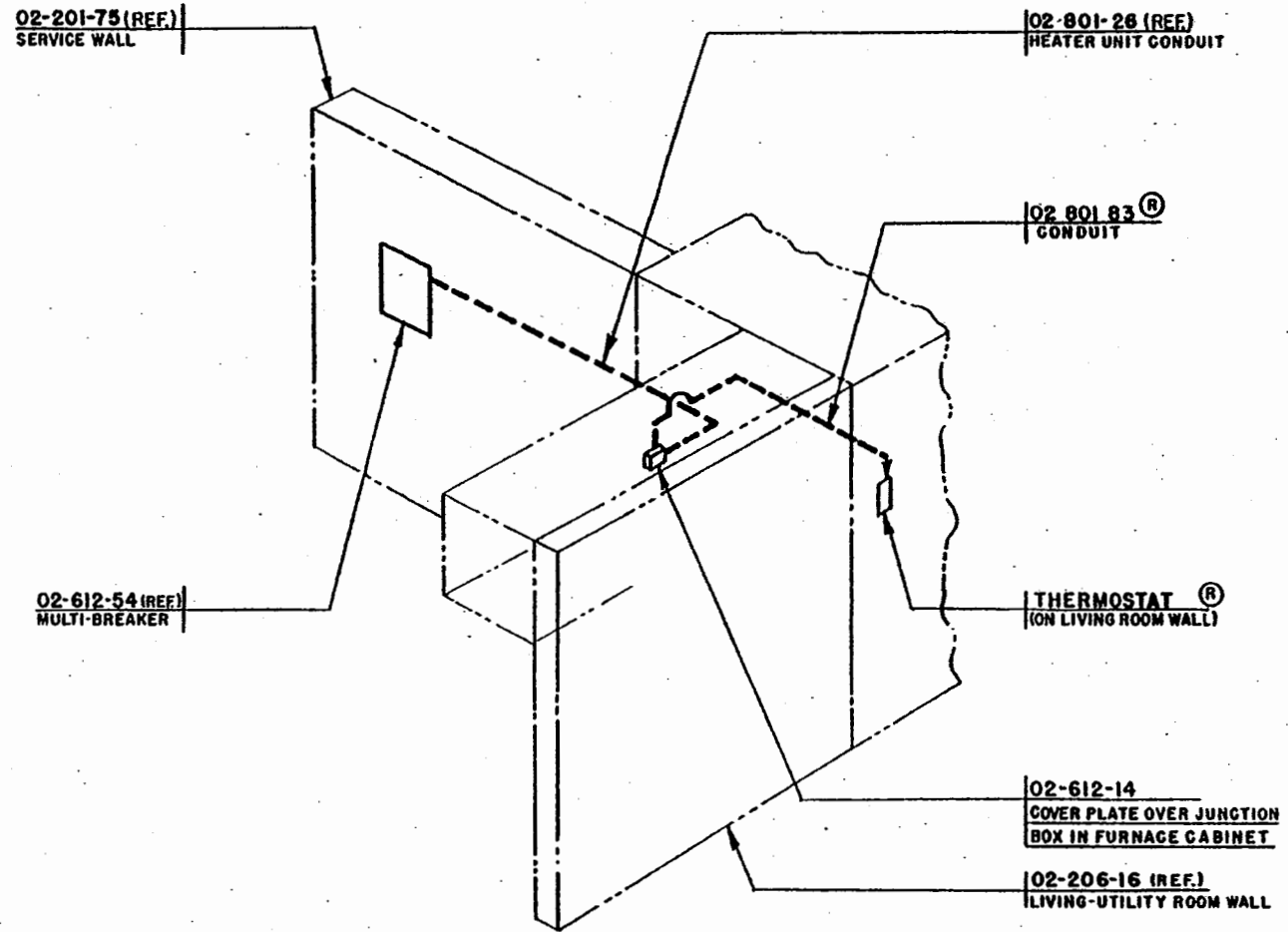




**NOTE:**  
THIS DRAWING  
SUPERSEDES  
EM-02-K-31.1 AT  
HOUSE NO. 2001

		<b>MANUAL</b>
ERECTION		
TITLE RANGE, HOT WATER, & APPLIANCE CIRCUIT (20 AMPS., 110 VOLTS, EXCEPT AS NOTED)		
PREPARED BY R.L.S.	DATE 7-28-49	EFF. 2001 & SUB.
		DRAWING NUMBER <b>EM-02-K-32 I</b>

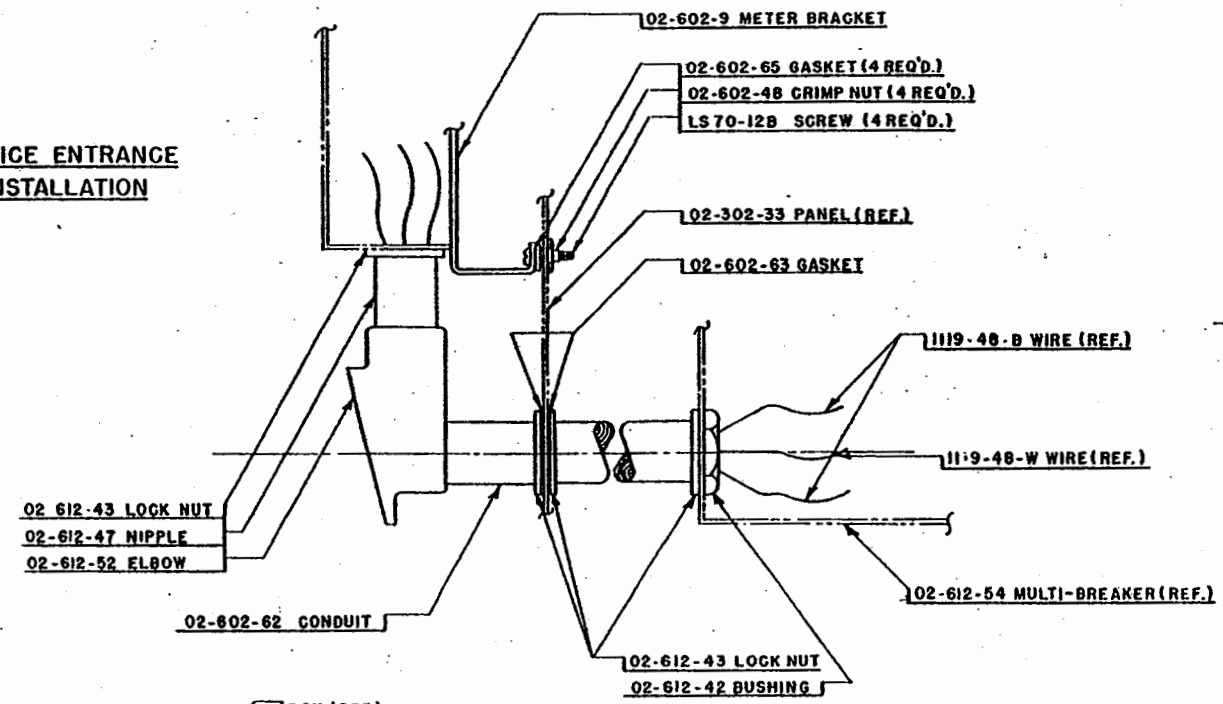
RELEASE NO. NP-323	DATE 1-19-49
NP-648	4-22-49



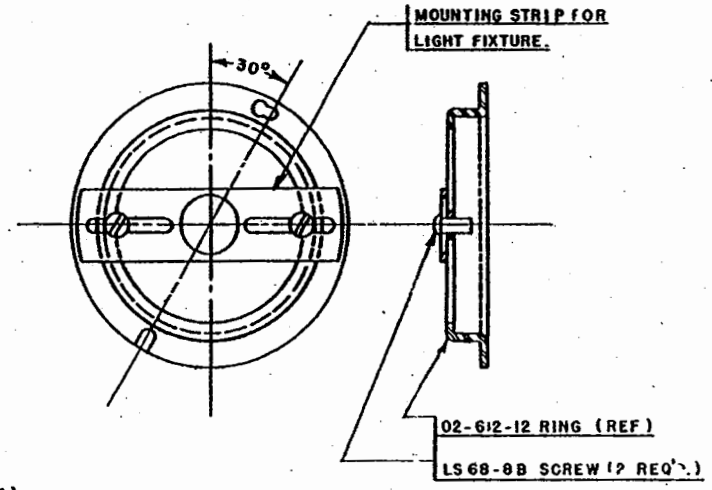
**NOTE:**  
SEE PAGES EM-02-N-40.11 AND EM-02-N-40.12 FOR ELECTRICAL WIRING DIAGRAMS OF FURNACE AND CONTROLS.

<i>LUSTRON</i> CORPORATION		MANUAL
ERECTION		
TITLE HEATING CIRCUIT N° 1		
PREPARED BY W.C.G.	DATE 1-19-49	EFF. 16 & SUB.
REVISED 4-22-49	BY W.C.G.	DRAWING NUMBER EM-02-K-40.1

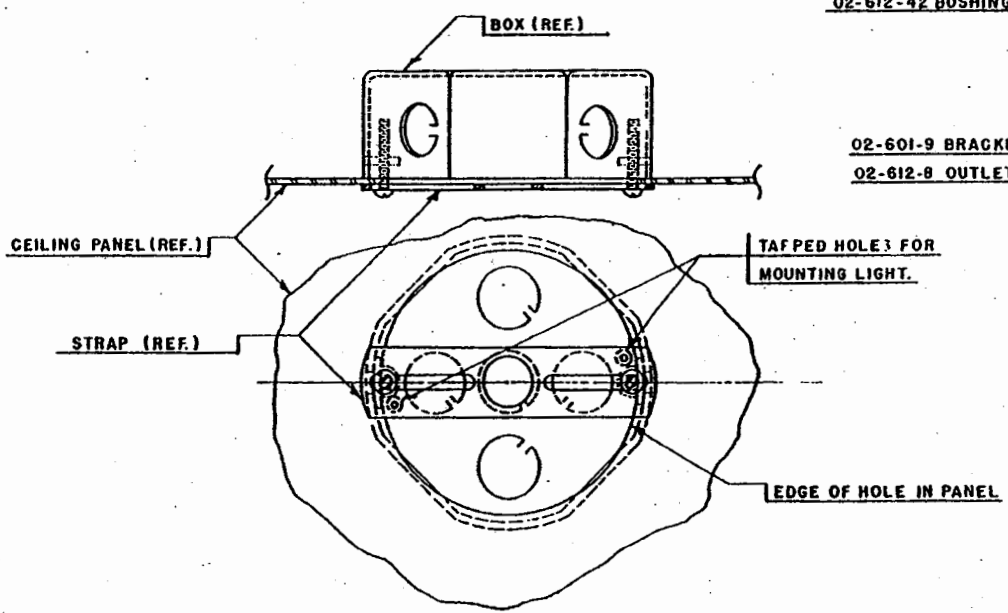
**SERVICE ENTRANCE INSTALLATION**



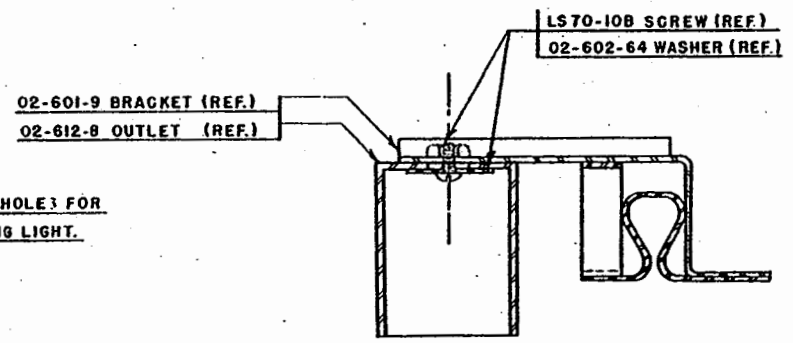
**BOX TO BE INSTALLED TO LEAVE LIGHT FIXTURE MOUNTING STRIP IN HORIZONTAL POSITION.**



**TYPICAL INSTALLATION FOR EXTERIOR & HALL FIXTURES.**



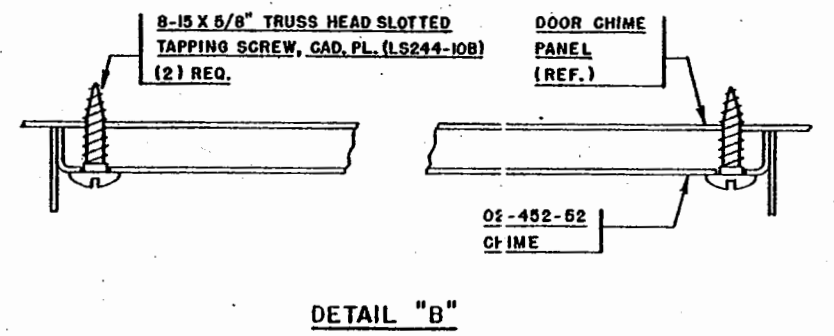
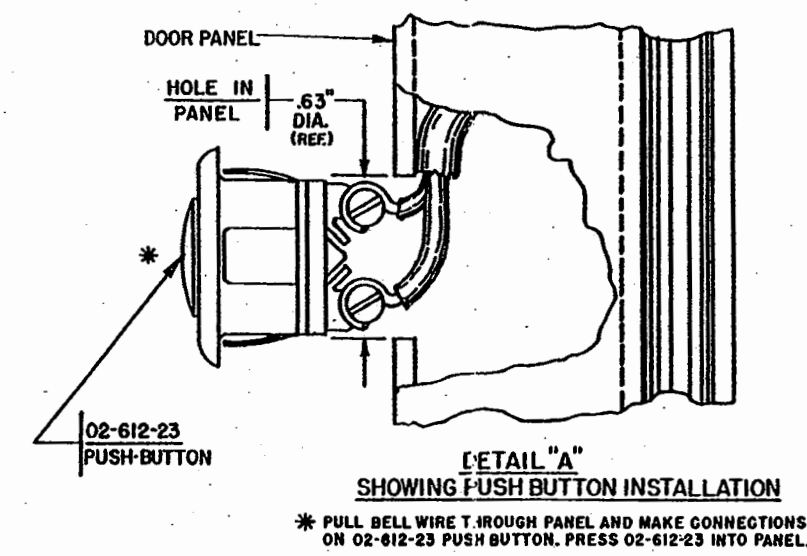
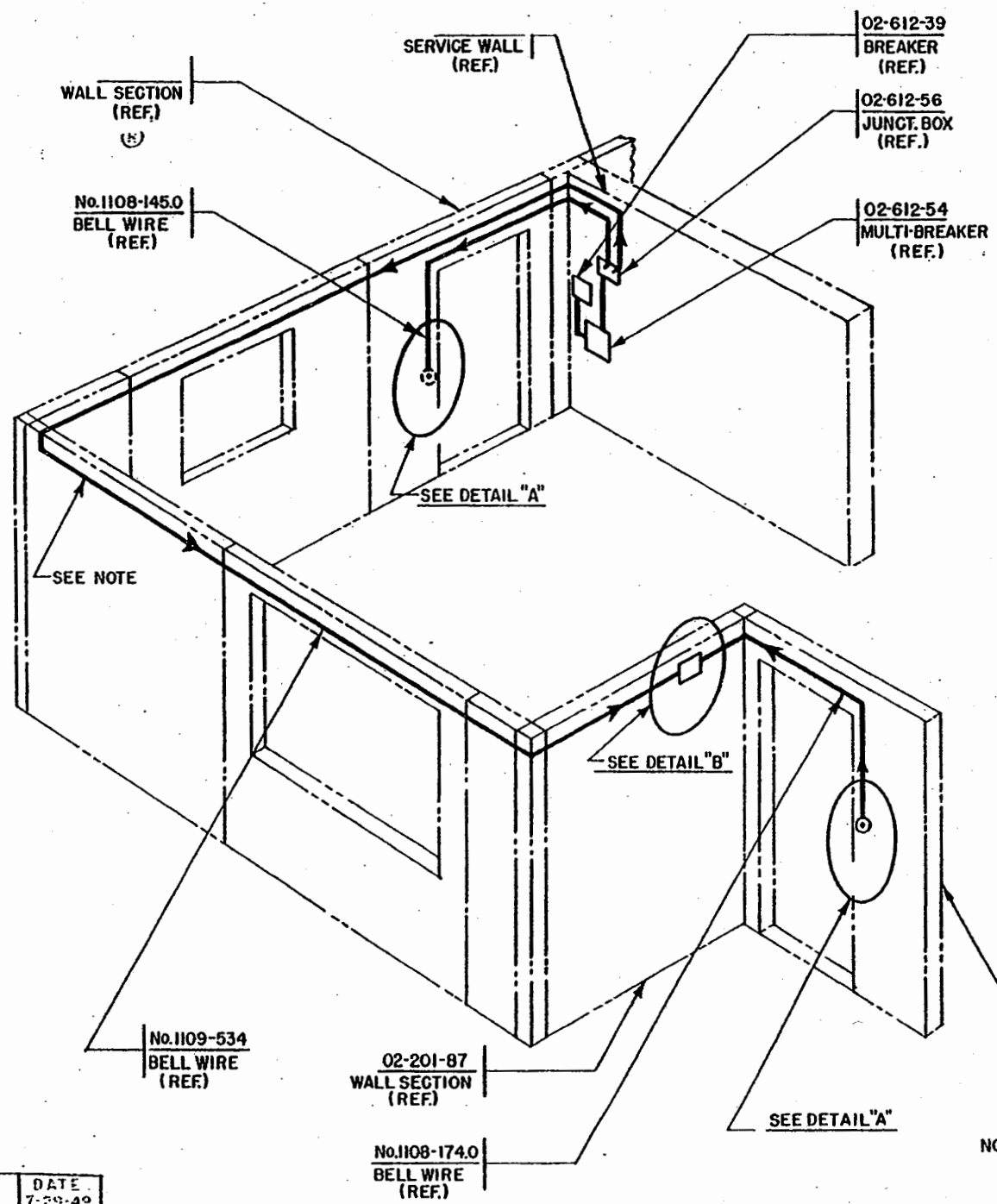
**TYPICAL INSTALLATION FOR ALL CEILING FIXTURES.**



**TYPICAL INSTALLATION FOR ALL OUTLET BOXES NO. 02-612-8.**



ERECTION		MANUAL
TITLE ELECTRIC SERVICE INSTALLATION DETAILS		
PREPARED BY R H C	DATE 1-19-49	EFF. 11 & SUB.
		DRAWING NUMBER EM-02-K-50.1



NOTE: ALL WIRES TO BE CLIPPED TO STRUCTURE AS NECESSARY.

REL. NO. NP-709	DATE 7-29-49
REL. NO. NP-682	DATE 6-13-49

<b>Lustron</b> CORPORATION		MANUAL
ERECTION		
TITLE CHIME CIRCUIT		
PREPARED BY J B R	DATE 6-13-49	EFF. 1001 & SUBS.
		DRAWING NUMBER EM-02-K-61.1

02-602-80 HANGER  
7 REQ.  
(TO BE INSTALLED  
AFTER GABLE PANELS AND  
BEFORE ROOF PANELS)

#8-15 TAP.SCR.  
LS-244-10B  
7 REQ.

GABLE-END TOP TRUSS RUNNER

TELEPHONE LEAD-IN

HOOK-PER TEL.CO.  
SECURE TO  
RIDGE-ROLL BOLT.

WEATHERHEAD

CLIPS-SUPPLIED  
BY CONTRACTOR

ELECTRICAL  
CONDUIT

DETAIL D

02-601-29  
ELECT.BRACKET  
(SECURE TO BRACKET ON TRUSS  
BEHIND GABLE PANELS WITH-  
(4) 5/16-18-3/4-HEX.BOLT LS-5-12B  
(4) 5/16 FLAT WASHER LS-34-516B  
(2) 02-602-68 GASKETS

02-602-83  
CRIMP-NUT  
5/16-18-3/4-  
MACH.SCREW-  
CLIP-  
(FURNISHED BY CONTRACTOR)

THIN-WALL CONDUIT OR  
SERVICE-ENTRANCE CABLE  
FURNISHED BY CONTRACTOR

DETAIL C

ELL  
ELECT.  
METER  
BOX

REAR ELEVATION- KITCHEN

SIDE ELEVATION- KITCHEN

VIEW LOOKING UP AT EAVE PANELS

TELEPHONE LEAD-IN

TEL.  
ENTRANCE

02-452-121- CLIP  
02-602-48 - CRIMP NUT  
#10-24-3/4 MACH.SCR.  
(LS-70-12B)  
3 EACH REQ.

02-622-3  
GASKET  
02-452-120  
CLIP  
7 EACH REQ.

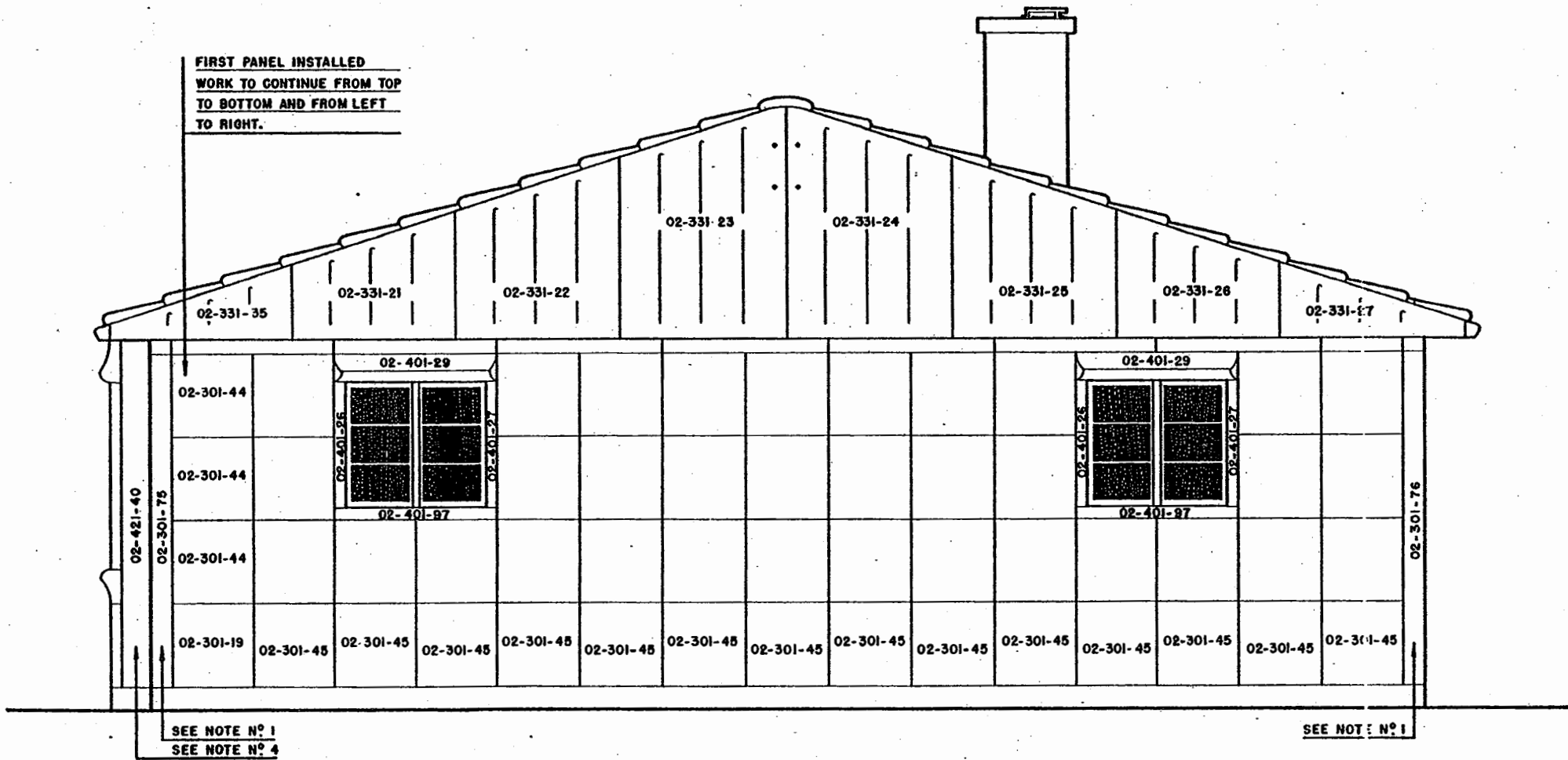
DETAIL A

DETAIL B

NOTE: THIS PAGE SHOWS TYPICAL  
SUGGESTED INSTALLATION FOR  
LEFT SIDE ON HOUSE----  
THE SAME INSTALLATION MAY BE  
MADE ON RIGHT SIDE OF HOUSE  
DEPENDING ON LOCATION OF  
UTILITY POLES AT SITE.  
THIS SHOULD BE DECIDED BEFORE  
INSTALLATION OF PLENUM, EAVE,  
GABLE OR ROOF PANELS.



ERECTION	MANUAL
TITLE SERVICE ENTRANCE INSTALLATION- ELECTRICAL AND TELEPHONE	
PREPARED BY REL	DATE EFF. 4/13/49
511- SUB. DRAWING NUMBER EM-02-K-80.1	



**NOTES:**

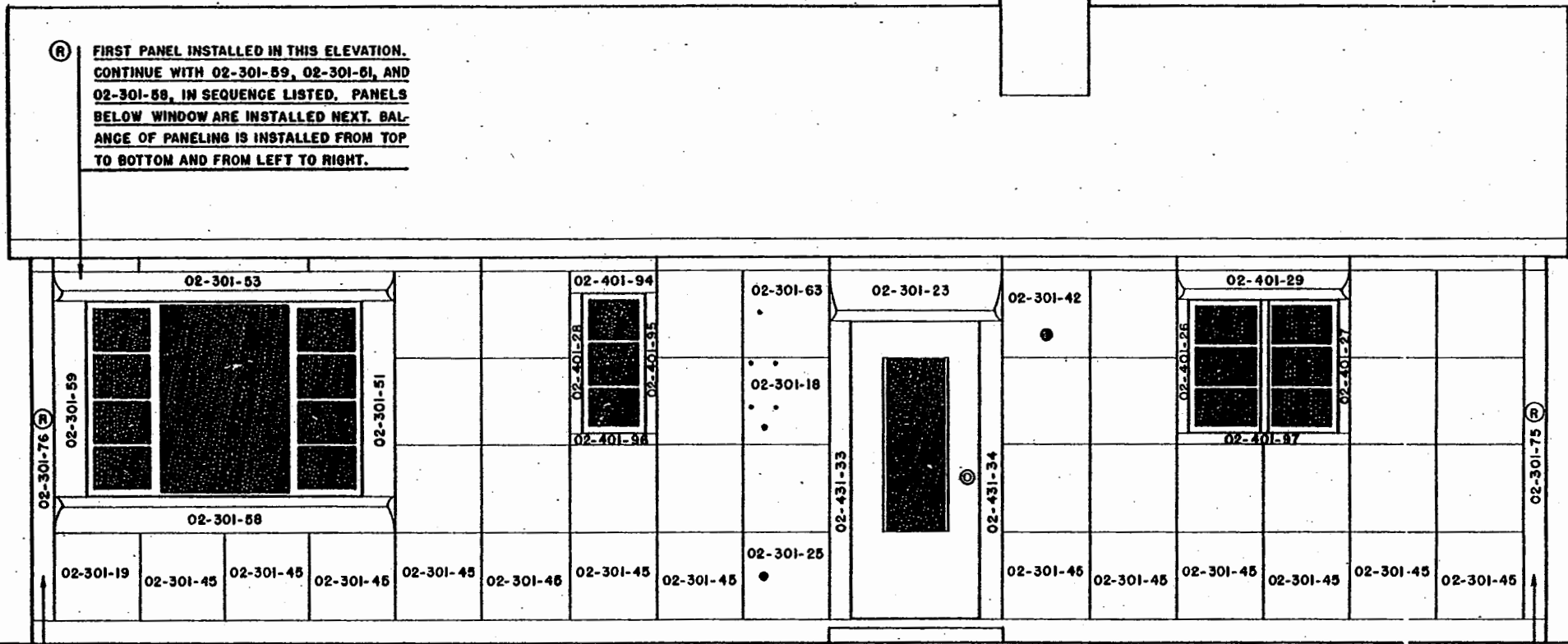
1. FOR LOCATION AND INSTALLATION OF CORNER PANEL CLIPS, SEE EM-02-L-51.I.
2. UNLESS NOTED, ALL 24" X 24" PANELS SHOWN ARE 02-301-40.
3. ALL PANELS SHOWN ON THIS PAGE ARE TO BE INSTALLED WITH #8-15 X 5/8" SELF-TAPPING SCREWS, LS244-10B.
4. FOR INSTALLATION OF 02-421-40 BAY WINDOW SIDE PANEL, SEE EM-02-L-40.II.

THESE CLIPS MUST BE INSTALLED BEFORE PANELING IS STARTED.



ERECTION		MANUAL
TITLE		
PANELS, EXT. — RIGHT SIDE ELEVATION		
PREPARED BY JBR	DATE 7-5-49	EFF. 1001 & SUBS.
		DRAWING NUMBER EM-02-L-12.1

RELEASE NO.	DATE
NP-322	1-18-49
NP-615	4-15-49



SEE NOTE N° 1 (R)

(R) SEE NOTE N° 1

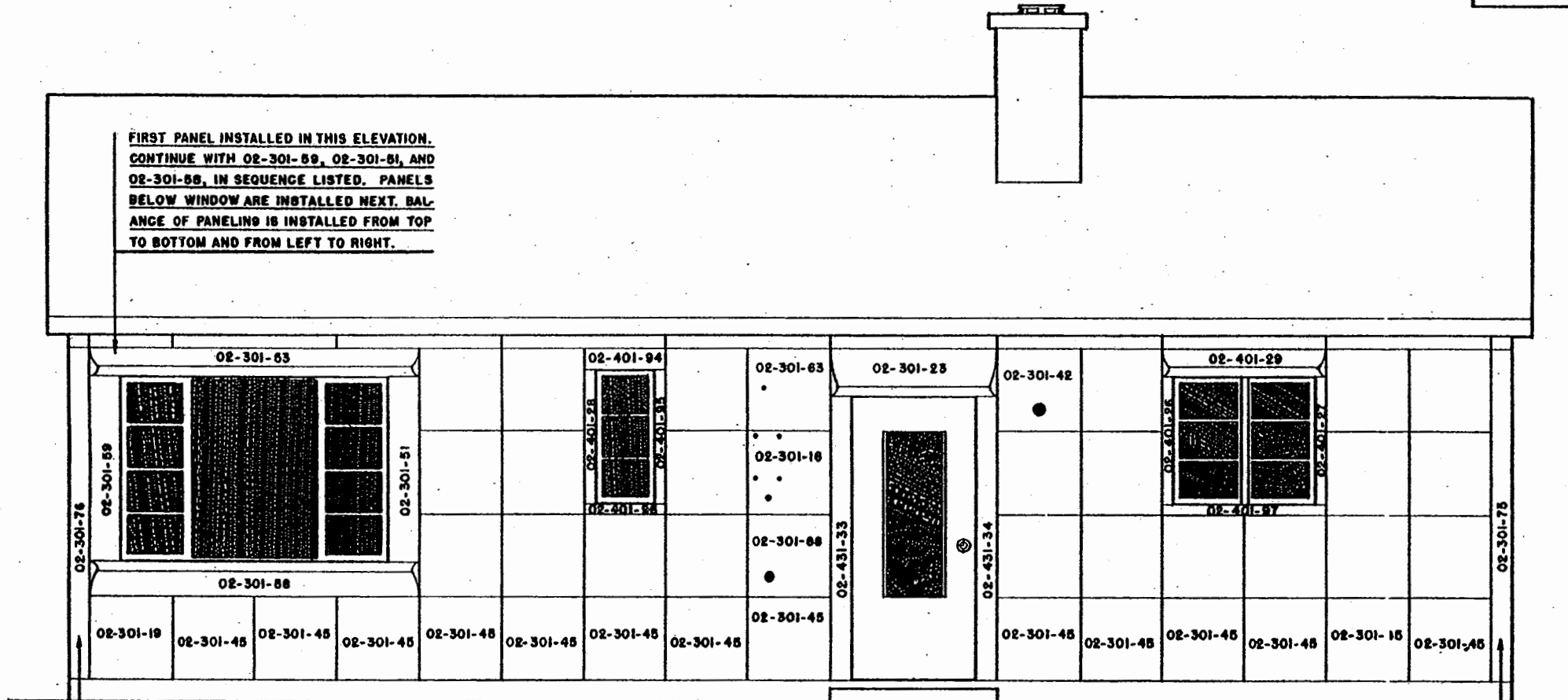
**(R) NOTES:**

1. FOR LOCATION AND INSTALLATION OF CORNER PANEL CLIPS SEE EM-02-L-51.I.  
  
THESE CLIPS MUST BE INSTALLED BEFORE PANELING IS STARTED.
2. UNLESS NOTED, ALL 24" X 24" PANELS SHOWN ARE 02-301-40.
3. ALL PANELS SHOWN ON THIS PAGE ARE TO BE INSTALLED WITH #8-15 X 5/8" SELF-TAPPING SCREWS, LS244-10B.



ERECTION		MANUAL
TITLE		
PANELS, EXTERIOR — REAR ELEVATION		
PREPARED BY WAG	DATE 1-11-49	EFF. 511 & SUBS.
REVISED BY JBR (R)	DATE 4-15-49	DRAWING NUMBER EM-02-L-20.11

FIRST PANEL INSTALLED IN THIS ELEVATION.  
CONTINUE WITH 02-301-59, 02-301-51, AND  
02-301-58, IN SEQUENCE LISTED. PANELS  
BELOW WINDOW ARE INSTALLED NEXT. BAL-  
ANCE OF PANELING IS INSTALLED FROM TOP  
TO BOTTOM AND FROM LEFT TO RIGHT.



SEE NOTE N° 1

SEE NOTE N° 1

**NOTES:**

1. FOR LOCATION AND INSTALLATION OF CORNER PANEL CLIPS SEE EM-02-L-51.I.

THESE CLIPS MUST BE INSTALLED BEFORE  
PANELING IS STARTED.

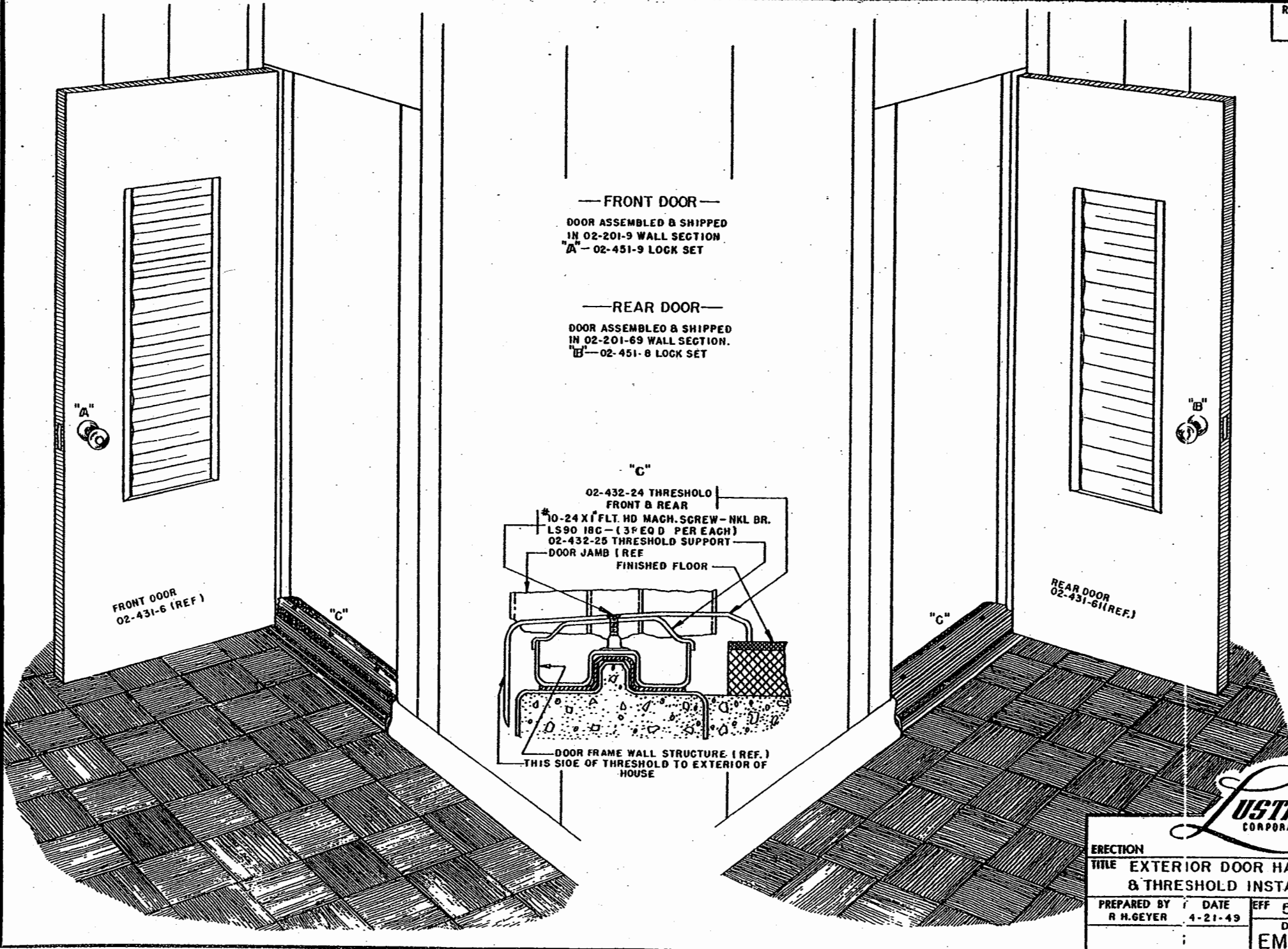
2. UNLESS NOTED, ALL 24" X 24" PANELS SHOWN ARE  
02-301-40.

3. ALL PANELS SHOWN ON THIS PAGE ARE TO BE IN-  
STALLED WITH #8-15 X 5/8" SELF-TAPPING SCREWS,  
LS244-10B.

**THIS PAGE SUPERSEDES**  
**EM-02-L-20.II AT**  
**HOME NO. 2001.**

		ERECTION	MANUAL
		TITLE	
PANELS, EXTERIOR — REAR ELEVATION			
PREPARED BY	DATE	EFFECTIVE	
R. L. S.	9-1-49	E001 & SUBS.	
		DRAWING NUMBER	
		EM 02 1 01	





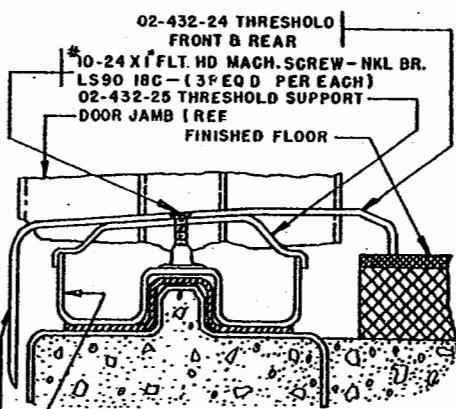
— FRONT DOOR —

DOOR ASSEMBLED & SHIPPED  
IN 02-201-9 WALL SECTION  
"A" — 02-451-9 LOCK SET

— REAR DOOR —

DOOR ASSEMBLED & SHIPPED  
IN 02-201-69 WALL SECTION.  
"B" — 02-451-8 LOCK SET

"C"



FRONT DOOR  
02-431-6 (REF.)

REAR DOOR  
02-431-6 (REF.)



ERECTION	MANUAL	
TITLE EXTERIOR DOOR HARDWARE & THRESHOLD INSTALLATION		
PREPARED BY R. H. GEYER	DATE 4-21-49	EFF 5: THR: 4000
		DRAWING NUMBER EM-02-L-29.

REMOVE DOOR FROM JAMB AND POSITION ON SIDE TO EXPOSE BOTTOM CHANNEL. POSITION WAETHER-STRIP AS SHOWN- FIELD DRILL (9) 3/16(.187) DIA. HOLES ALONG FLANGE OF WEATHER STRIP. FIELD DRILL (9) #31 (.120) DIA. HOLES ALONG LOWER CHANNEL OF DOOR. SECURE WEATHER STRIP TO DOOR WITH (9) #8X5/8 TAPPING SCREWS (LS-244-10B)

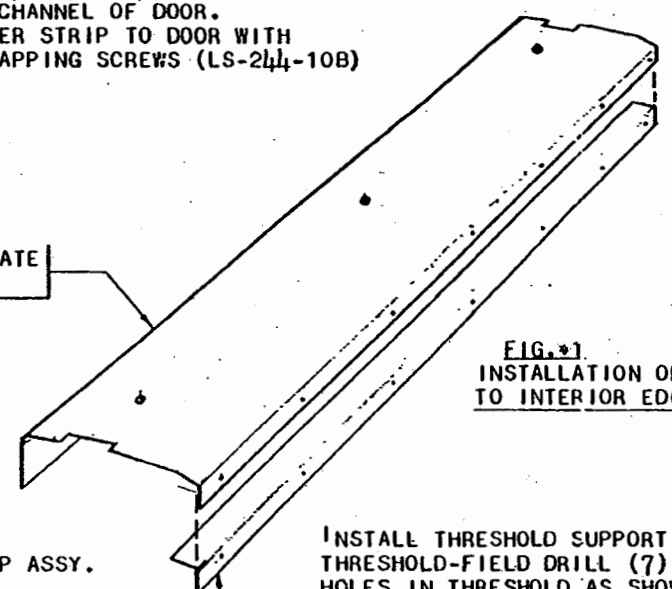
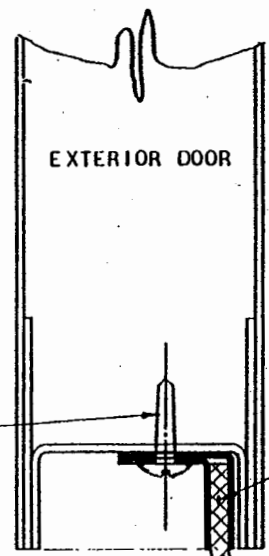
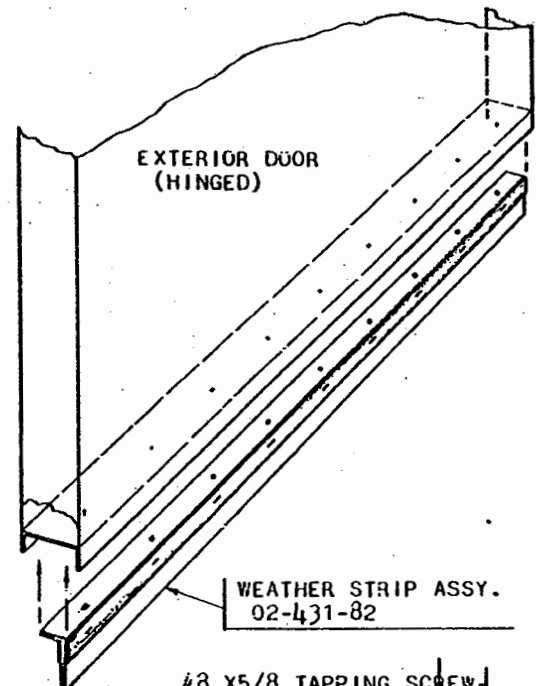


FIG. #1  
INSTALLATION OF FILLER STRIP TO INTERIOR EDGE OF THRESHOLD.

INSTALL THRESHOLD SUPPORT ASSY. 02-431-85- THRESHOLD-FIELD DRILL (7) 3/16 DIA. (.187) HOLES IN THRESHOLD AS SHOWN. (EQUAL SPACE) INSTALL THRESHOLD-SECURE TO LOWER SPECER WITH (3) #10-24X1" FLAT HD. MACH. SCRS. TRIAL LOCATE FILLER STRIP (02-432-117) FOR PROPER HOLE LOCATION. FIELD DRILL (7) #31 (.120) HOLES IN FILLER STRIP. SECURE FILLER STRIP TO THRESHOLD PLATE- WITH (7) #8X5/8 STAIN. STEEL TAPPING SCREWS (LS-244-10V)

#8 X5/8 TAPPING SCREW- (LS-244-10B) 9 REQD.  
#10-24X1" FLAT HEAD MACH. SCR. NICKEL FINISH (LS-90-18C) 3 REQD. PER DOOR-

THRESHOLD PLATE 02-432-24

WEATHER STRIP ASSY. 02-431-82

FILLER STRIP 02-432-117

#8-X5/8" TAP. SCR. STAINLESS STEEL- (LS-244-10V) 7 REQD. PER DOOR-

THRESHOLD-SUPPORT ASSY. 02-431-85

LOWER SPACER- (WALL SECTION)

EXTERIOR FACE- (THRESHOLD)

WELD NUTS

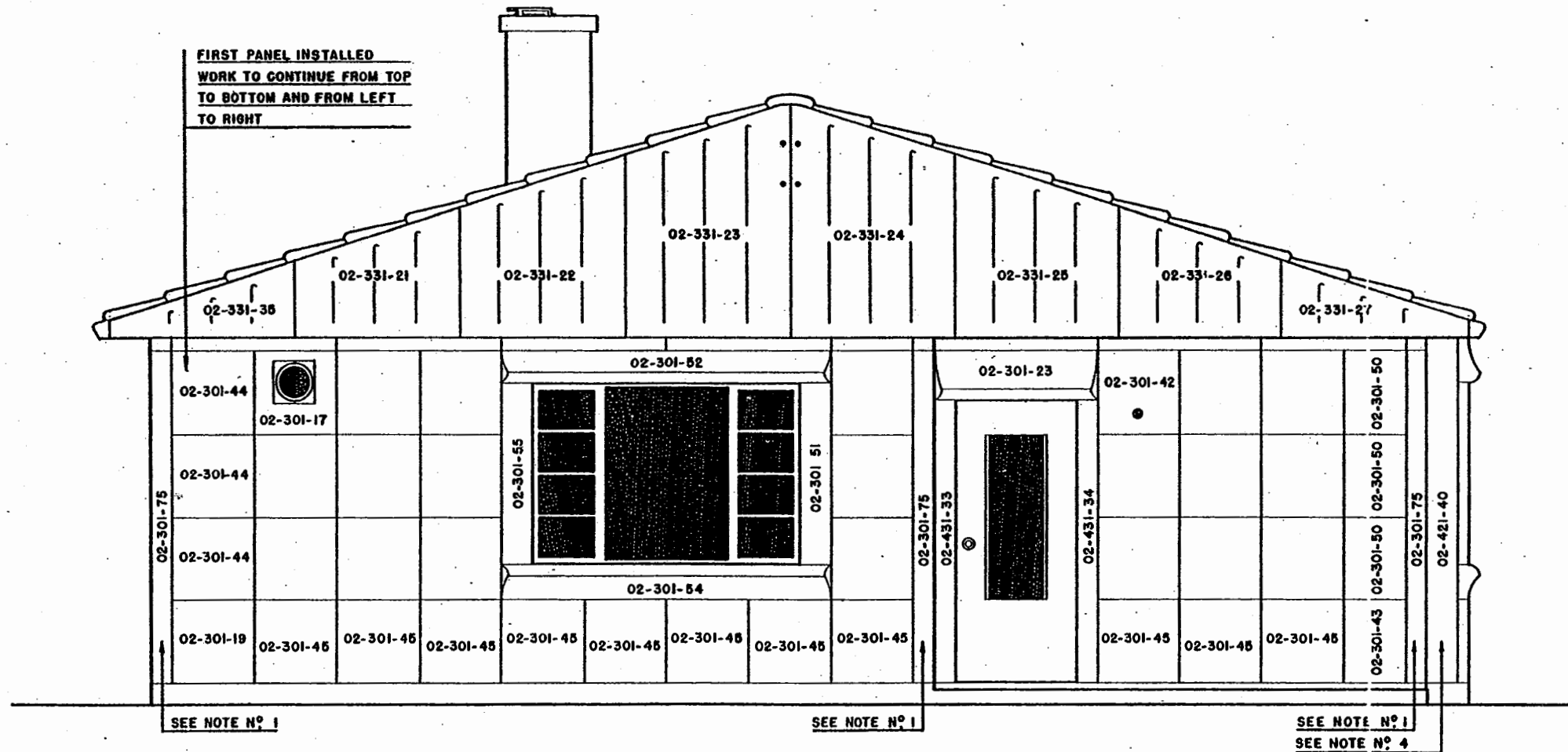
FLOOR LINE

INSULATING CONCRETE- VARIABLE-

NOTE: THIS PAGE SUPERSEDES EM-02-L-29.1 AT HOUSE #2001



ERECTION		MANUAL	
TITLE INSTALLATION OF THRESHOLD AND DOOR WEATHERSTRIP			
PREPARED BY REL	DATE 1-4-50	EFF. 2001 & SUB. DRAWING NUMBER EM-02-L-29.15	



**FIRST PANEL INSTALLED  
WORK TO CONTINUE FROM TOP  
TO BOTTOM AND FROM LEFT  
TO RIGHT**

**NOTES:**

- |   |  |
|---|--|
| <p><b>1. FOR LOCATION AND INSTALLATION OF CORNER PANEL CLIPS, SEE EM-02-L-51.I.</b></p> | <p><b>4. FOR INSTALLATION OF 02-421-40 BAY WINDOW SIDE PANEL, SEE EM-02-L-40.II.</b></p> |
|---|--|

**THESE CLIPS MUST BE INSTALLED BEFORE PANELING IS STARTED.**

- 2. UNLESS NOTED, ALL 24" X 24" PANELS SHOWN ARE 02-301-40.**
- 3. ALL PANELS SHOWN ON THIS PAGE ARE TO BE INSTALLED WITH #8-15 X 5/8" SELF-TAPPING SCREWS, LS244-10B.**



ERECTION		MANUAL
TITLE		
PANELS, EXT. — LEFT SIDE ELEVATION		
PREPARED BY J B R	DATE 7-5-49	EFF. 1001 & SUBS.
		DRAWING NUMBER EM-02-L-32.1

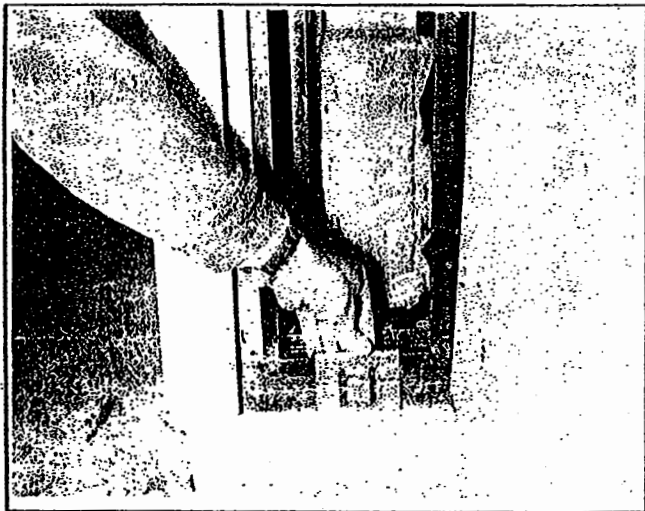


VIEW OF UPPER CONDITION OF BAY WINDOW  
SIDE BEFORE PANEL IS INSTALLED.



STEP NO.2

POSITION "X" FLANGE OF PANEL INTO  
ADJACENT "V" FLANGE, 1" DOWN FROM  
FINAL POSITION.  
POSITION TOP OF PANEL 02-421-40  
BEHIND EDGE OF EAVE PANEL.  
FORCE RIGHT EDGE OF PANEL INTO  
POSITION—WORKING FROM TOP TO  
BOTTOM, RAISE PANEL 1" UPWARD TO  
ENGAGE LOWER FLANGE INTO CLIP.



STEP NO.1

POSITION CLIP 02-302-51 ON LOWER WALL  
SPACER. TAP DOWN ON FLANGE WITH SLIGHT  
HAMMER BLOWS.



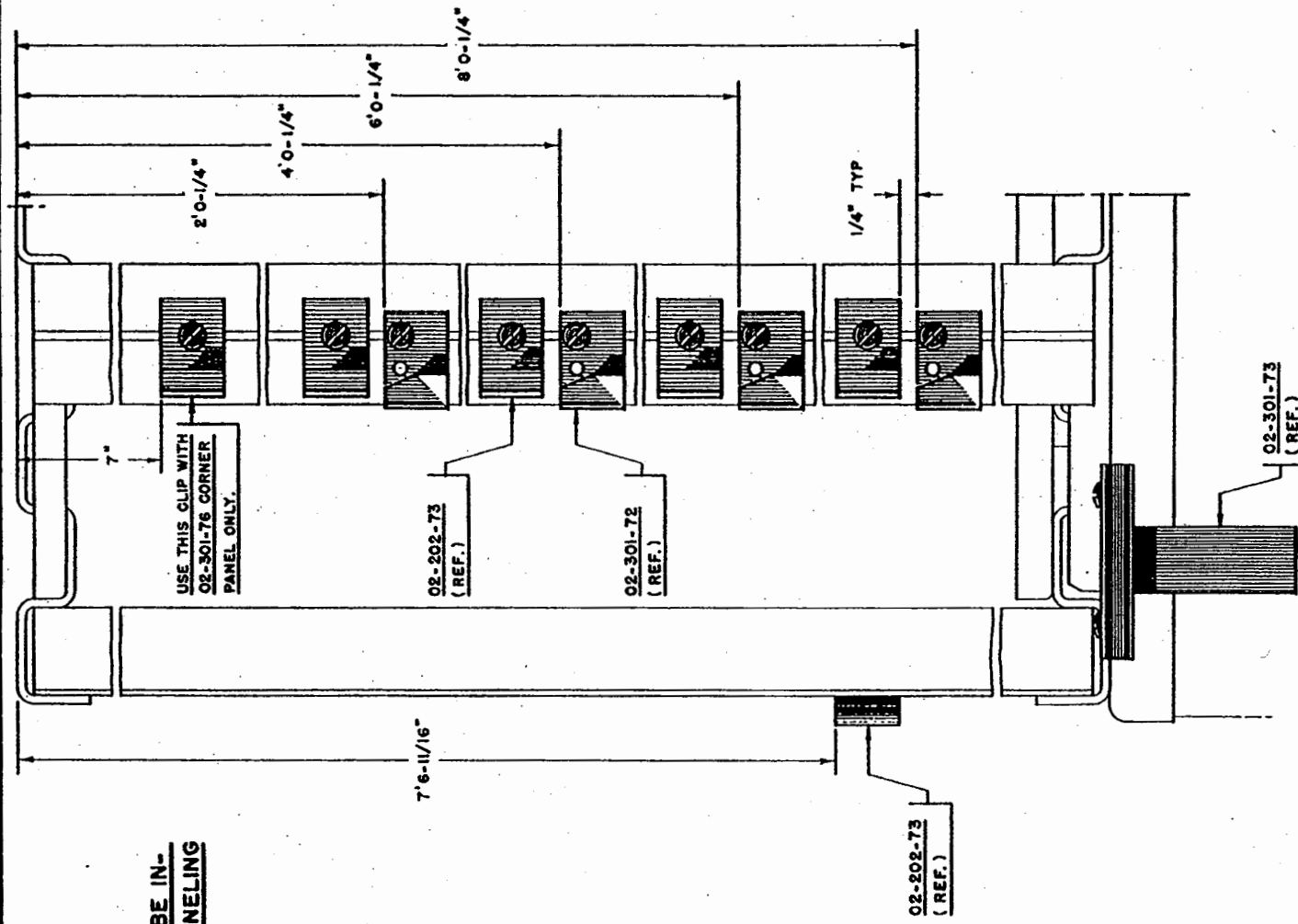
STEP NO.3

BEND UP (2) TABS OF CLIP TO LOCK PANEL  
IN UP POSITION.  
TRIM OFF TABS FLUSH WITH FACE OF  
PANEL.

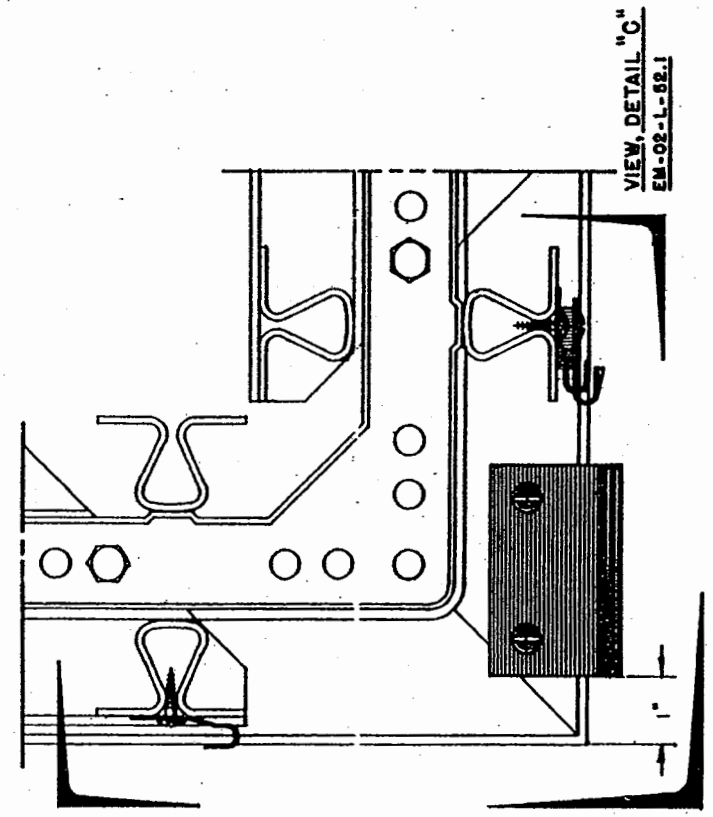


ERECTION		MANUAL	
TITLE SERVICE BULLETIN—INSTALL. BAY WINDOW SIDE PANEL 02-421-40 USING 02-302-51 CLIP.			
PREPARED BY R. L. S.	DATE 3-9-49	EFF. 31 & SUB.	DRAWING NUMBER EM-02-L-40.II





**CAUTION:**  
**THESE CLIPS MUST BE INSTALLED BEFORE PANELING IS STARTED.**

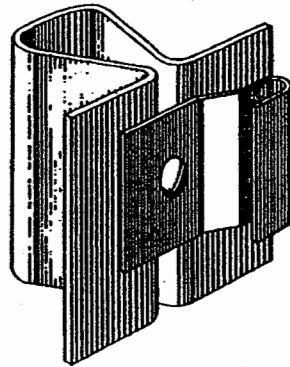


VIEW, DETAIL "A"  
EM-02-L-52.1

VIEW, DETAIL "B"  
EM-02-L-52.1



ERECTION		MANUAL
TITLE EXTERIOR CORNER PANEL CLIP INSTALLATION ELEVATION AND PLAN		
PREPARED BY JBR	DATE 4-13-49	EFF. 511 & SUBS.
		DRAWING NUMBER EM-02-L-51.1

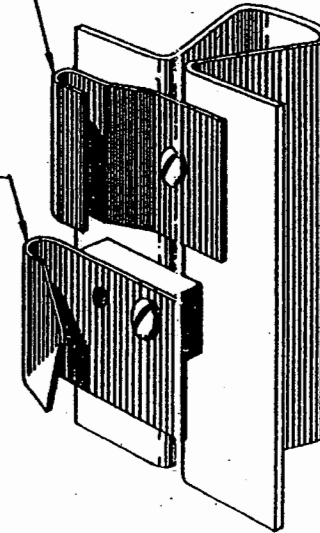


02-202-73 CLIP  
 #8-15 X 5/8" SELF-TAPPING SCREW  
 (LS244-10B)  
 (1) EACH REQUIRED

DETAIL "A"  
 EM-02-L-51.1

02-202-73 CLIP  
 #8-15 X 5/8" SELF-TAPPING SCREW  
 (LS244-10B)  
 SEE NOTE FOR REQUIREMENTS

02-301-72 CLIP  
 #8-15 X 1" SELF-TAPPING SCREW  
 (LS204-18B)  
 (4) EACH REQUIRED



DETAIL "C"  
 EM-02-L-51.1

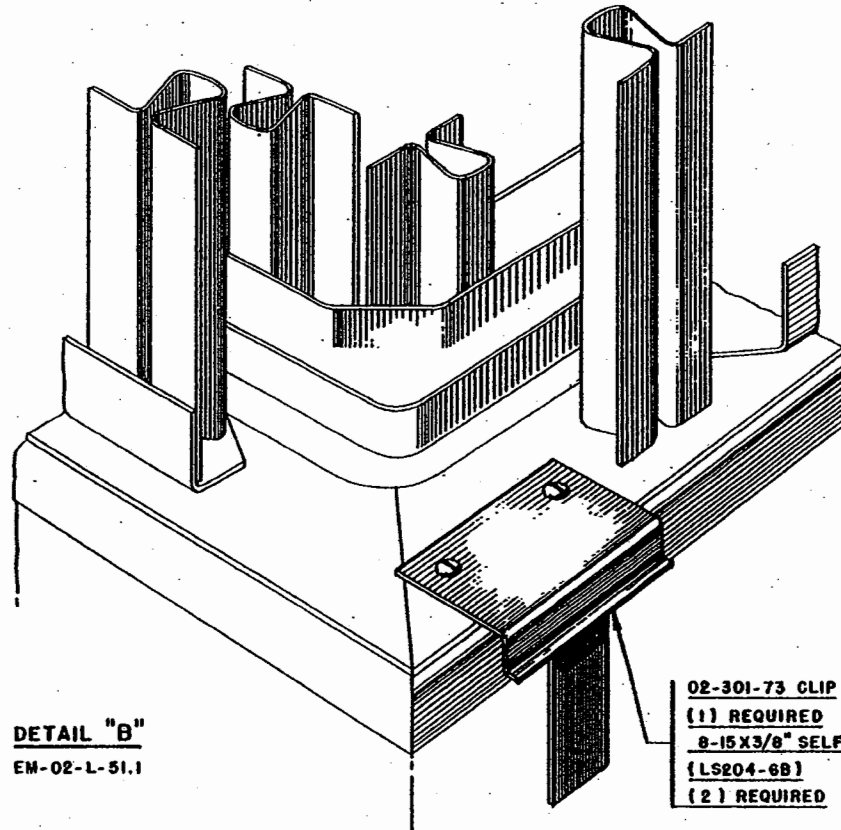
**NOTE:**

WITH 02-301-71 CORNER PANEL, USE  
 (4) 02-202-73 CLIP  
 (4) #8-15 X 5/8" SELF-TAPPING SCREW (LS244-10B)

WITH 02-301-76 CORNER PANEL, USE  
 (5) 02-202-73 CLIP  
 (5) #8-15 X 5/8" SELF-TAPPING SCREW (LS244-10B)

**CAUTION**

THESE CLIPS MUST BE INSTALLED  
 BEFORE PANELING IS STARTED.

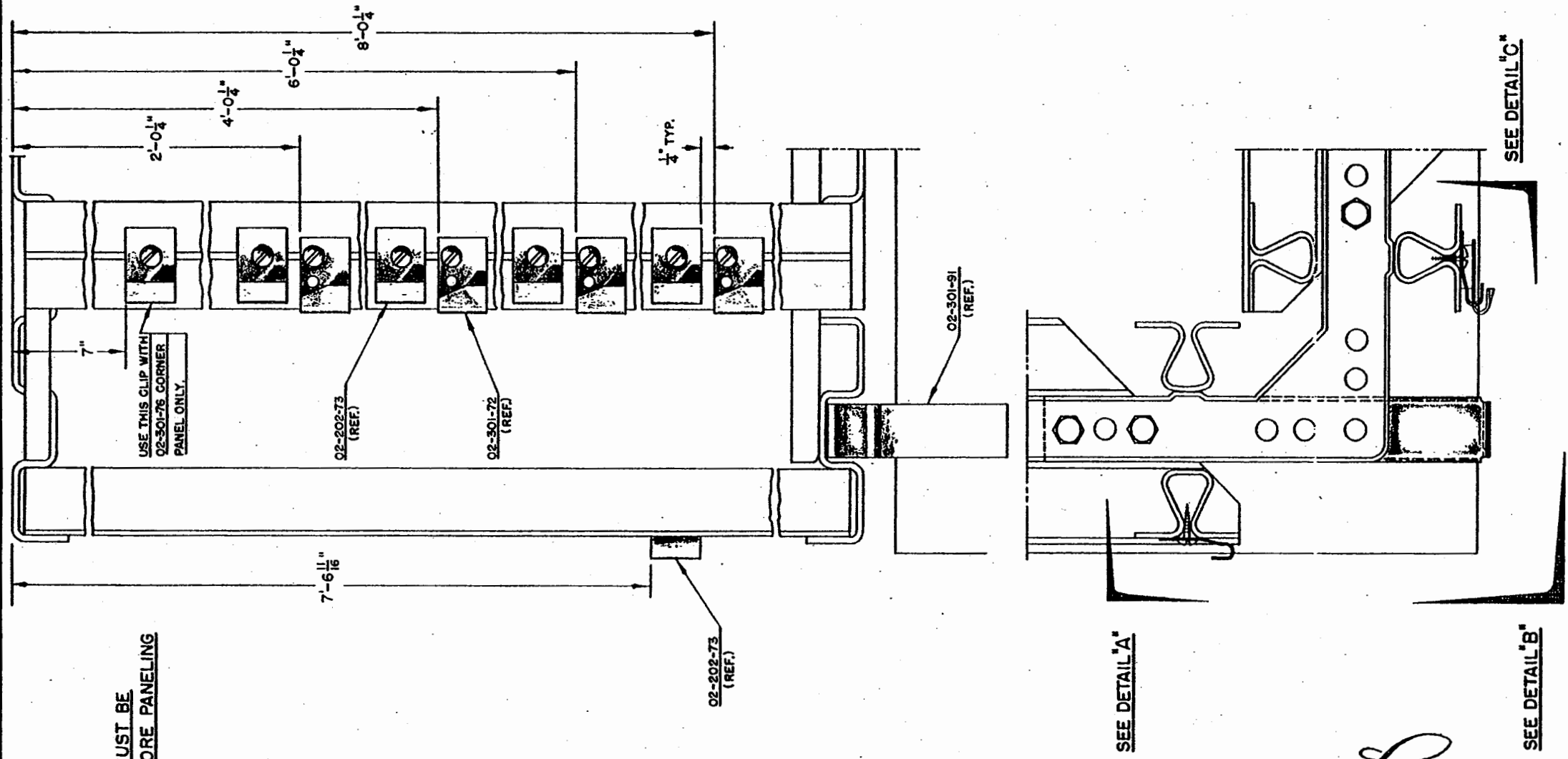


DETAIL "B"  
 EM-02-L-51.1

02-301-73 CLIP  
 (1) REQUIRED  
 #8-15 X 3/8" SELF-TAPPING SCREW  
 (LS204-6B)  
 (2) REQUIRED



ERECTION		MANUAL	
TITLE EXTERIOR CORNER PANEL CLIP INSTALLATION DETAILS			
PREPARED BY J B R	DATE 4-18-49	EFF.	511 & SUBS.
		DRAWING NUMBER EM-02-L-52.1	



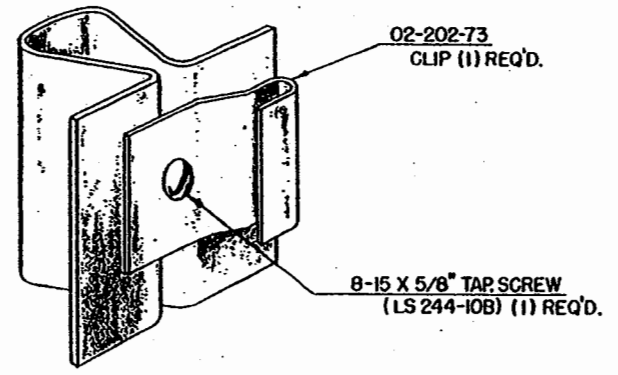
**CAUTION:**  
THESE CLIPS MUST BE  
INSTALLED BEFORE PANELING  
IS STARTED.

**NOTE:**  
 FOR DETAILS SEE PAGE EM-02-L-52.II  
 THIS PAGE SUPERSEDES EM-02-L-51.II  
 AT HOUSE NO. 2601.

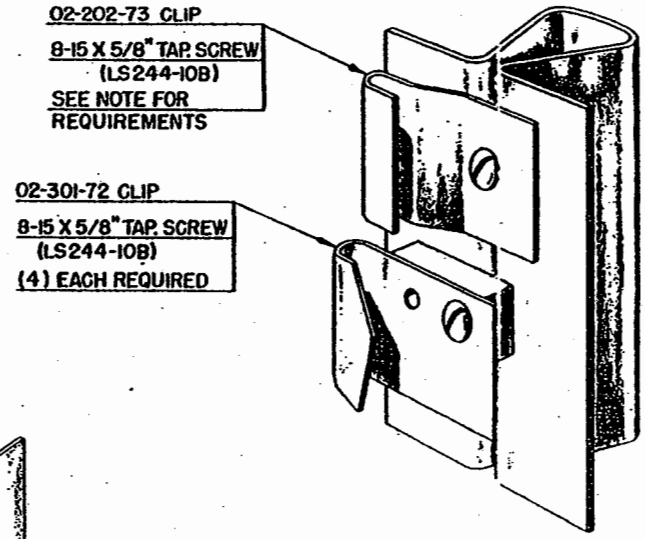
**LUSTRON**  
CORPORATION

ERECTION	MANUAL	
TITLE EXTERIOR CORNER PANEL CLIP INSTAL. ELEVATION AND PLAN		
PREPARED BY G.E.	DATE 9-12-49	EFF. 2601 & SUB. DRAWING NUMBER EM-02-L-51.II

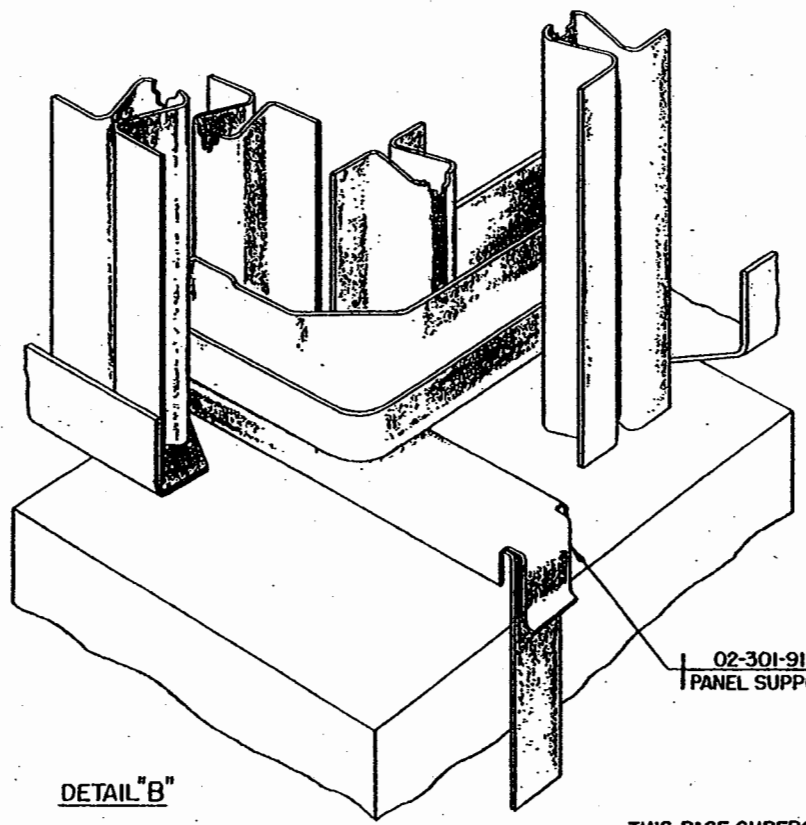




DETAIL "A"



DETAIL "C"



DETAIL "B"

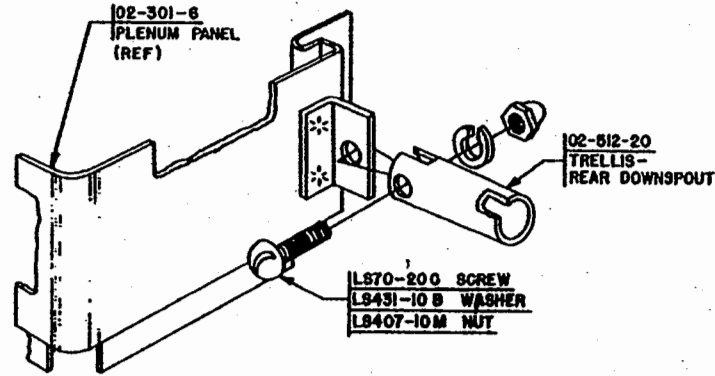
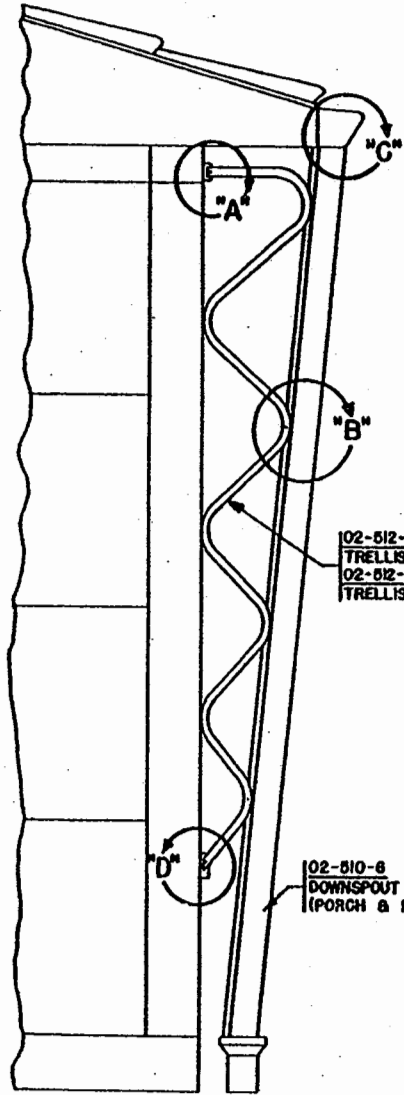
NOTE:

- WITH 02-301-75 CORNER PANEL, USE
  - (4) 02-202-73 CLIP
  - (4) 8-15 X 5/8" TAP SCREW (LS 244-108)
- WITH 02-301-76 CORNER PANEL, USE
  - (5) 02-202-73 CLIP
  - (5) 8-15 X 5/8" TAP SCREW (LS 244-108)

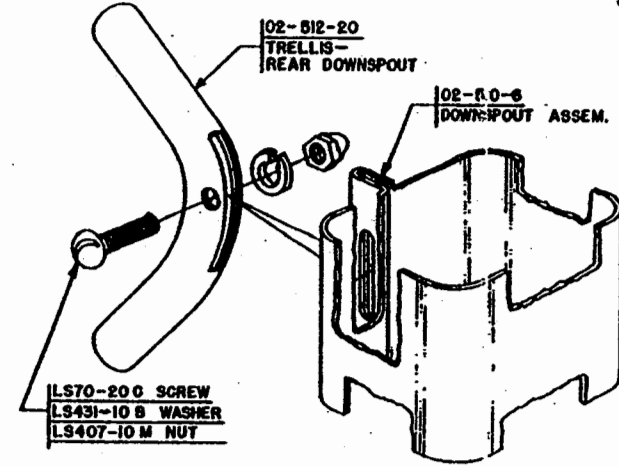
THIS PAGE SUPERSEDES  
EM-02-L-52.1 AT HOUSE NO. 2601



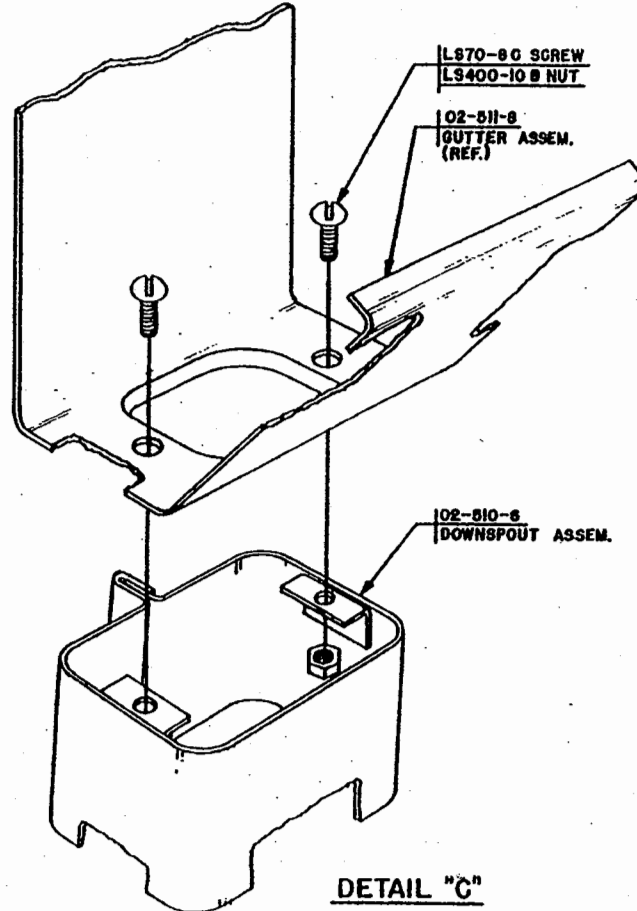
ERECTION		MANUAL	
TITLE EXTERIOR CORNER PANEL CLIP INSTAL. DETAILS			
PREPARED BY G.E.	DATE 9-12-49	EFF. 2601 & SUB. DRAWING NUMBER EM-02-L-52.11	



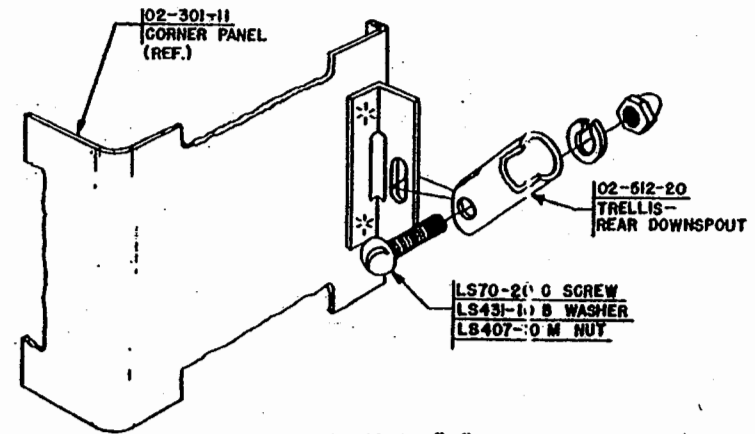
**DETAIL "A"**



**DETAIL "B"**



**DETAIL "C"**



**DETAIL "D"**

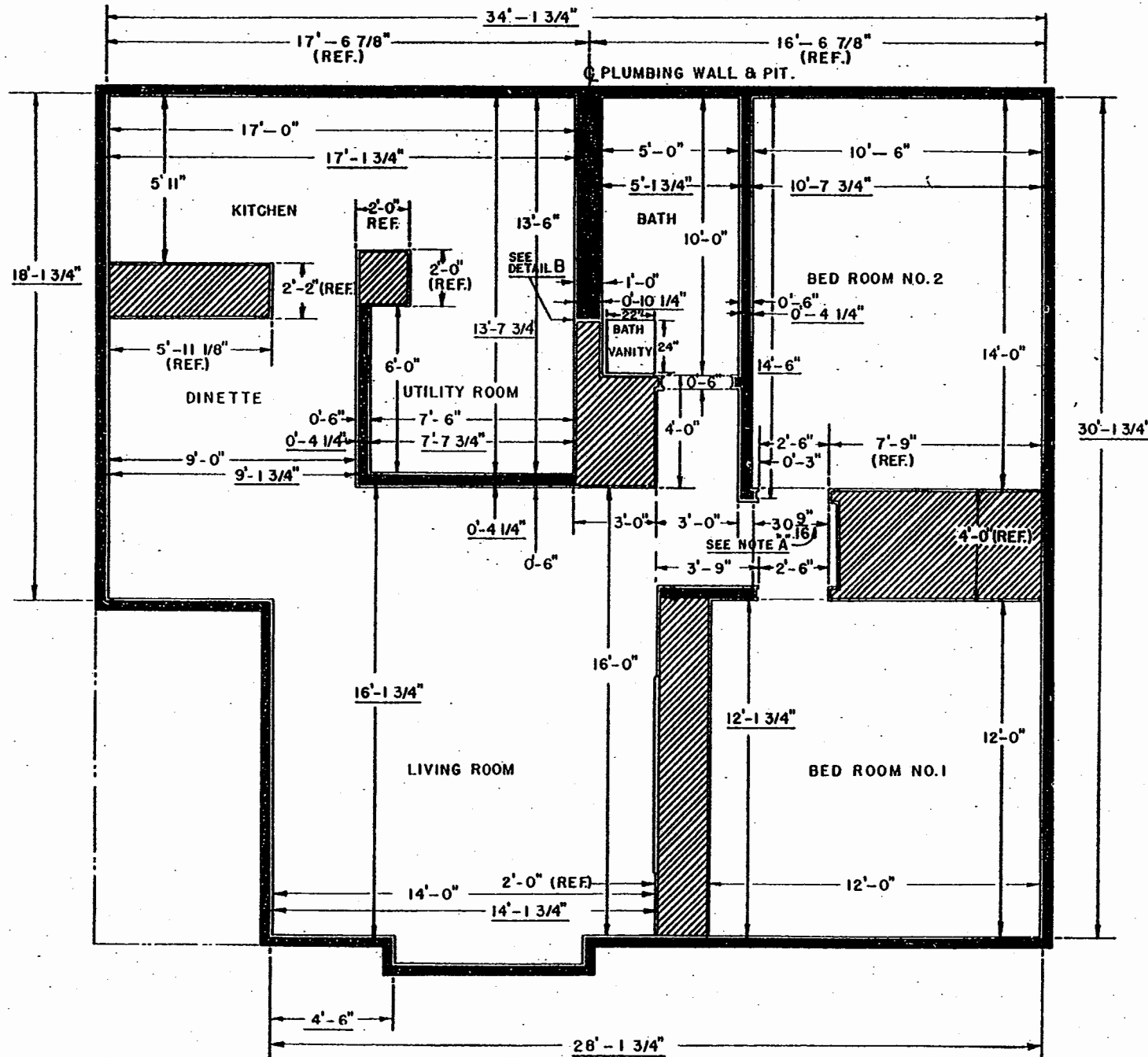
**NOTE:**

INSTALLATION SHOWN IS FOR  
RIGHT REAR TRELLIS.

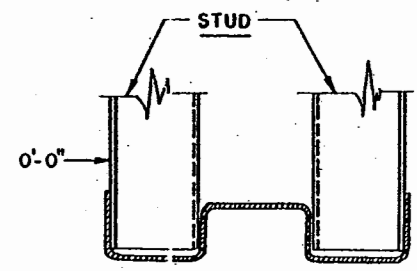
INSTALLATION OF TRELLIS &  
DOWNSPOUT TO PORCH POST  
AT FRONT LEFT CORNER  
SIMILAR.



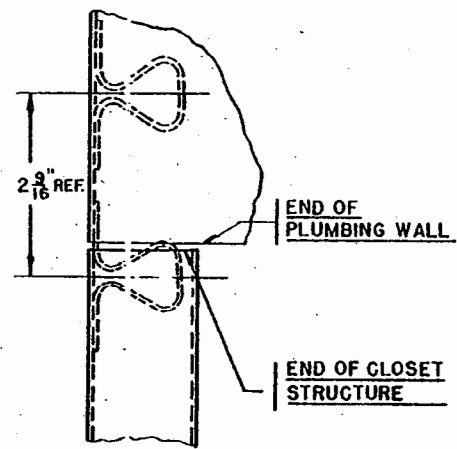
ERECTION		MANUAL	
TITLE TRELLIS & DOWNSPOUT INSTALLATION			
PREPARED BY R. L. S.	DATE 2-8-49	EFF. 511 & SUB.	
		DRAWING NUMBER EM-02-L-60.1	



**NOTE "A"**  
 DIMENSION TAKEN FROM FACE OF CLOSET JAMB PANELS TO FACE OF STUD IN WALL SECTION.



ALL DIMENSIONS WHICH ARE UNDERLINED ARE FROM STRUCTURE TO STRUCTURE AS SHOWN ABOVE. DIMENSIONS NOT UNDERLINED ARE FROM FACE OF PANEL TO FACE OF PANEL.

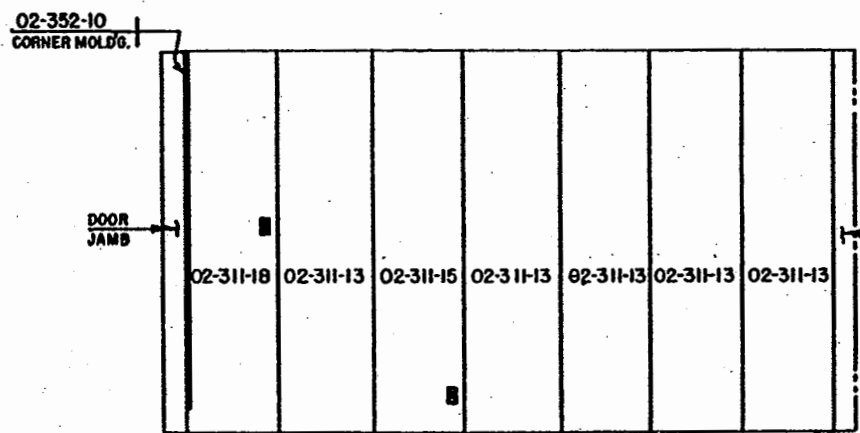


**DETAIL B**

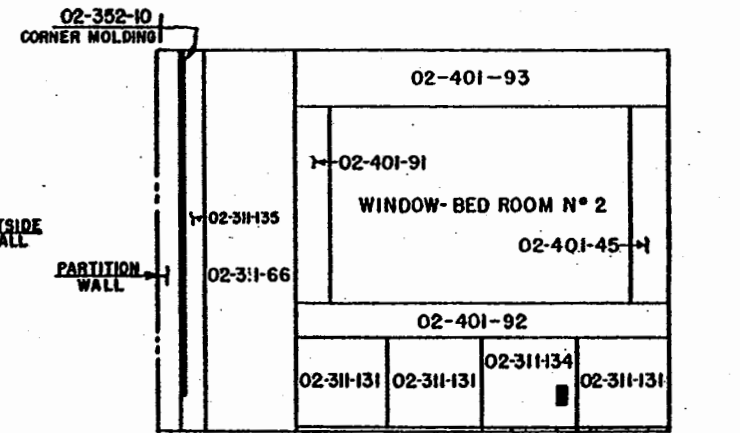


ERECTION	MANUAL	
TITLE: STRUCTURE TO STRUCTURE & PANEL TO PANEL DIMENSIONS.		
PREPARED BY R H G	DATE 11-19-48	EFF. 11 & SUB.
		DRAWING NUMBER EM-02-M-10.1

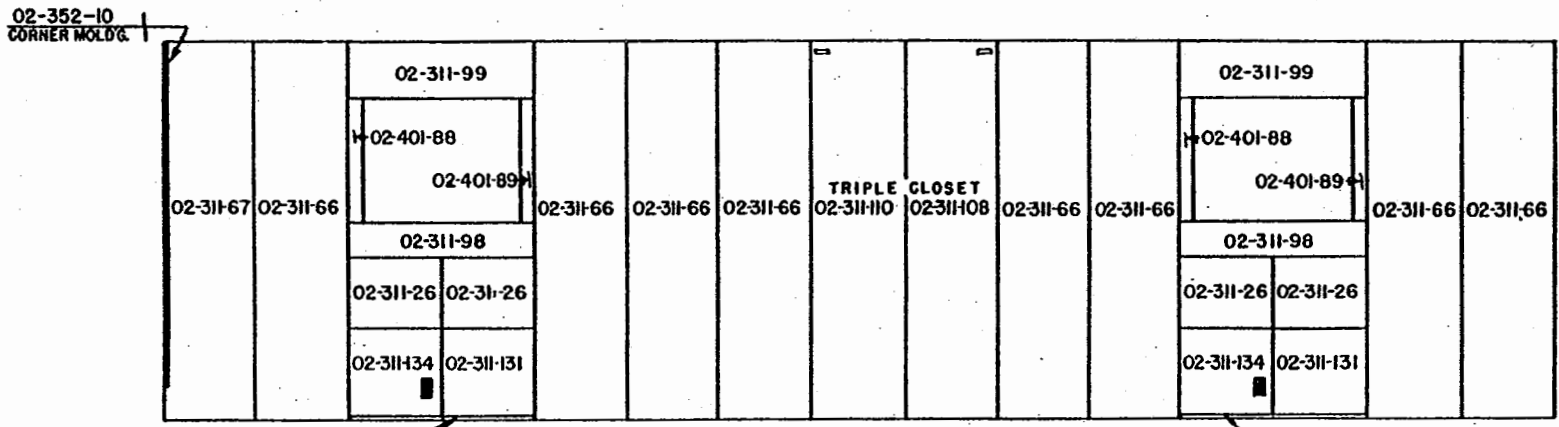
RELEASE NO.	DATE
NP-723	7-22-49
NP 736	8-15-49



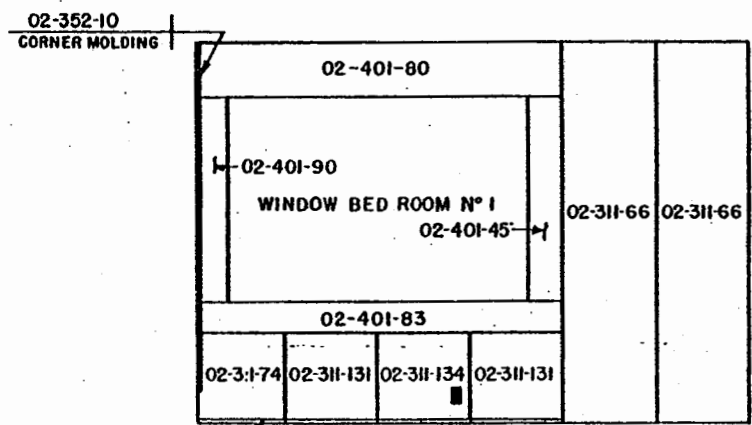
① INTERIOR PARTITION WALL - BEDROOM N° 2



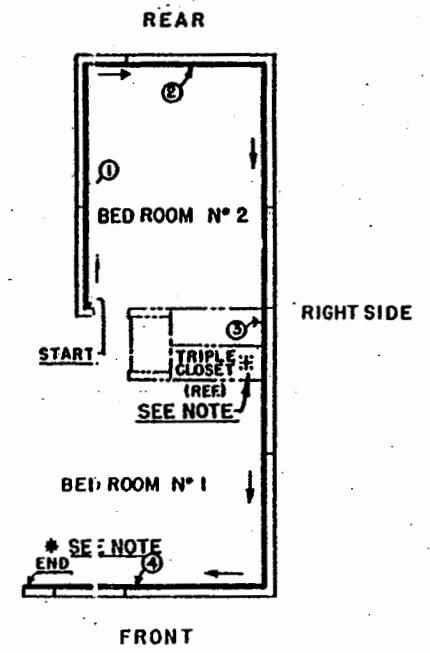
② REAR WALL - BEDROOM N° 2



③ RIGHT SIDE ELEVATION INTERIOR WALL - BED ROOM N°S. 1 & 2.



④ FRONT WALL - BED ROOM N° 1



PLAN OF PANEL INSTALLATION PROCEDURE

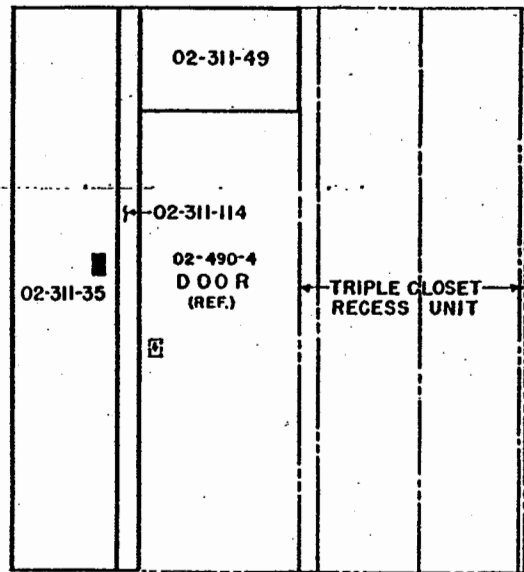
⚡ NOTE: AFTER WALL PANELS HAVE BEEN INSTALLED IN THIS AREA, TRIPLE CLOSET UNIT MAY BE INSTALLED.

\* NOTE: VANITY CABINET TO BE INSTALLED AT THIS POINT BEFORE PANEL INSTALLATION IS CONTINUED.

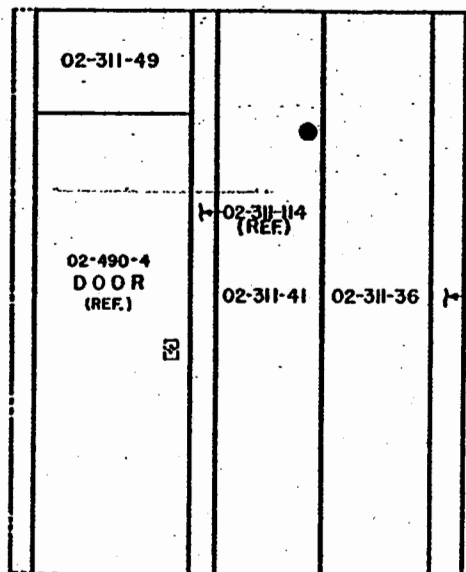
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EM-02-M-2011 AT  
HOUSE NO. 1501.

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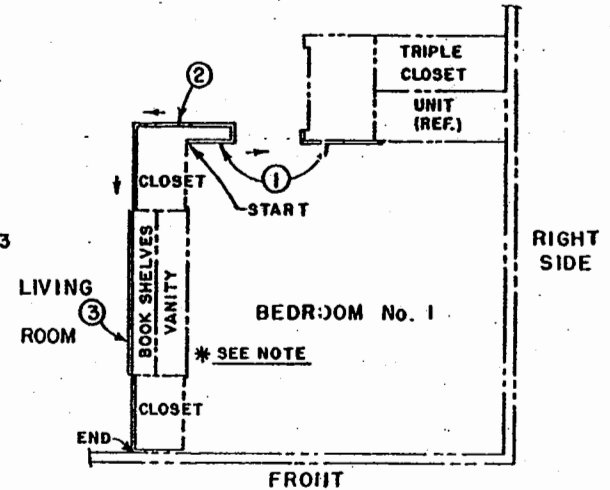
ERECTION		MANUAL
TITLE PANELS-INTERIOR WALLS- BED ROOMS N°S. 1 & 2.		
PREPARED BY G.E.	DATE 7-22-49	EFF. 1501 & SUB. DRAWING NUMBER
REVISED MWC	DATE 8-15-49	EM-02-M-21.1



① DOOR & PANELS INSIDE BEDROOM No. 1



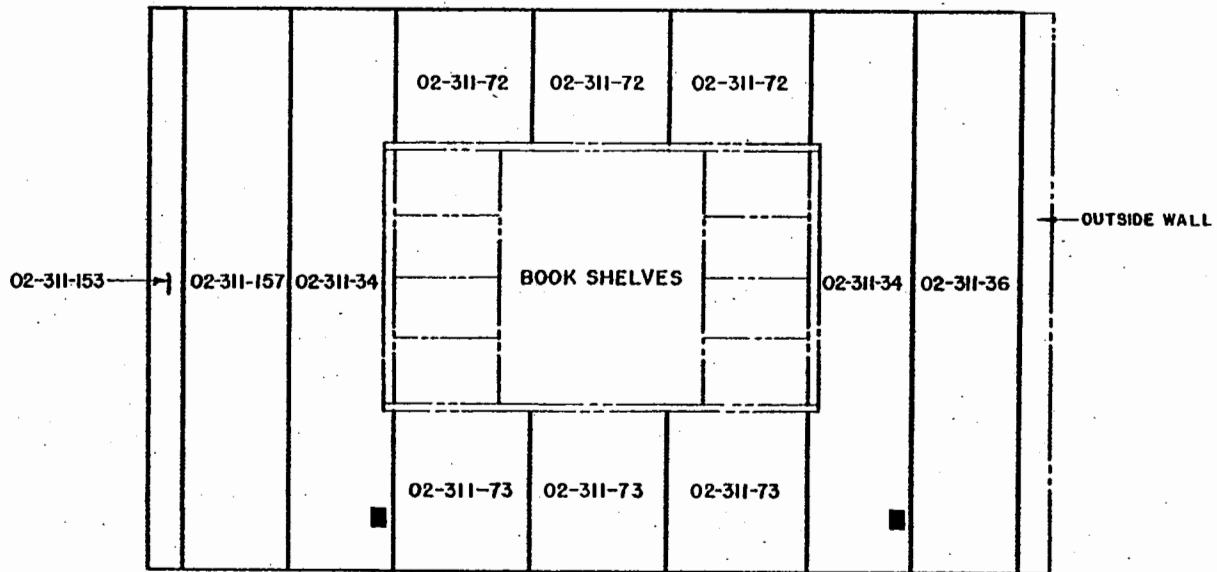
② DOOR OUTSIDE BEDROOM No. 1



PLAN OF PANEL INSTALLATION PROCEDURE

\* NOTE:  
AFTER CABINET AND WALL SECTION IS  
INSTALLED CONTINUE PANEL INSTALLATION  
AS SHOWN.

CAUTION:  
CLIPS WHICH HOLD CORNER PANELS MUST BE  
INSTALLED BEFORE WALL PANELS ARE INSTALLED.  
SEE EM-02-M-1121 FOR INSTALLATION OF THESE  
CLIPS.

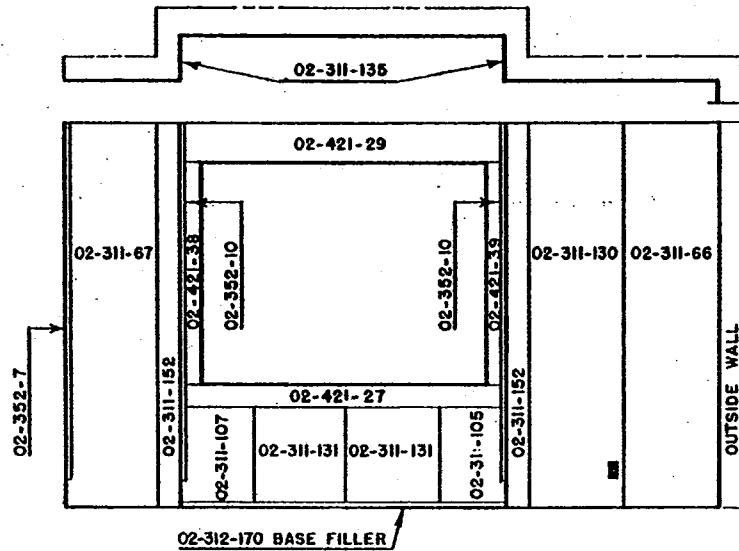


③ BOOKSHELVES-PANELS, LIVING ROOM WALL

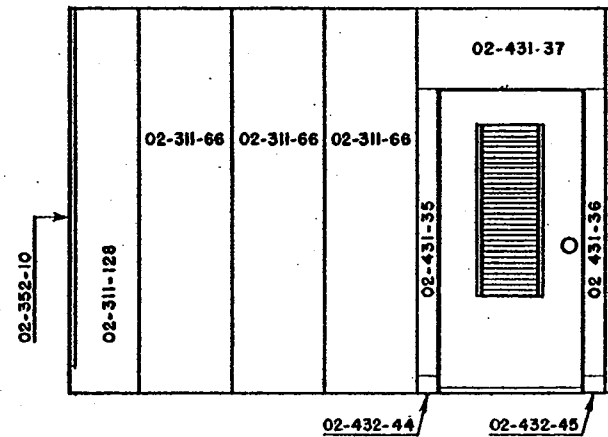
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EM-02-M-31.1 AT HOUSE  
1401.

**LUSTRON**  
CORPORATION

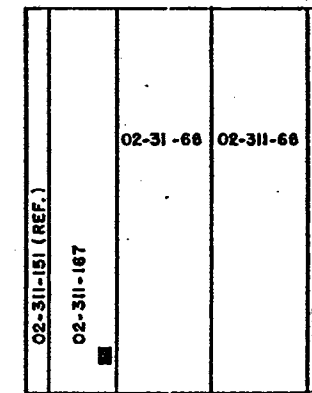
ERECTION		MANUAL
TITLE PANELS-INTERIOR WALLS, BEDROOM No. 1 AND LIVING ROOM		
PREPARED BY MWC	DATE 8-15-49	EFF 1401 & SUB.
		DRAWING NUMBER EM-02-M-31.12



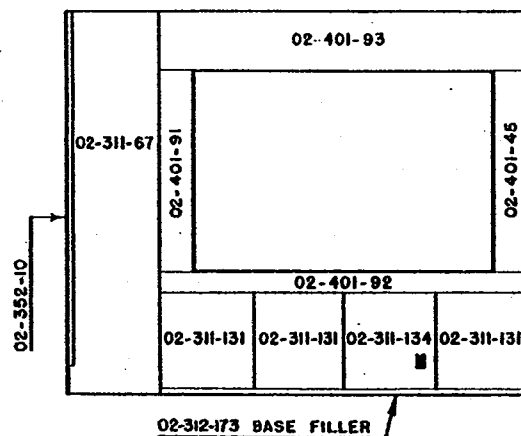
⑧ FRONT ELEVATION - LIVING ROOM



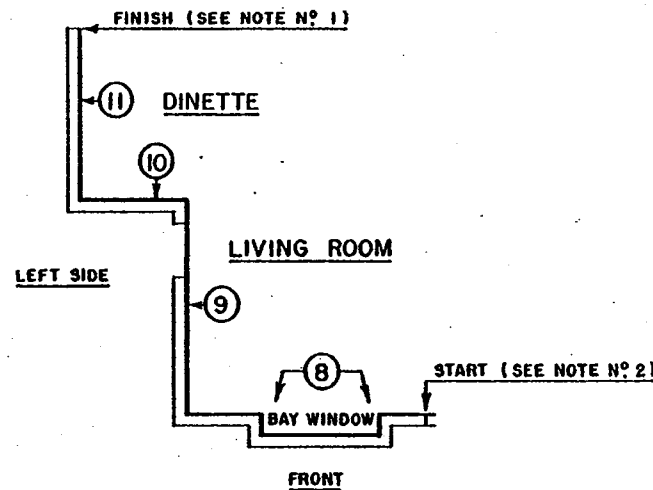
⑨ LEFT SIDE ELEVATION - LIVING ROOM



⑩ FRONT ELEV. - DINETTE



⑪ LEFT SIDE ELEV. - DINETTE



PLAN SHOWING PANEL INSTALLATION PROCEDURE

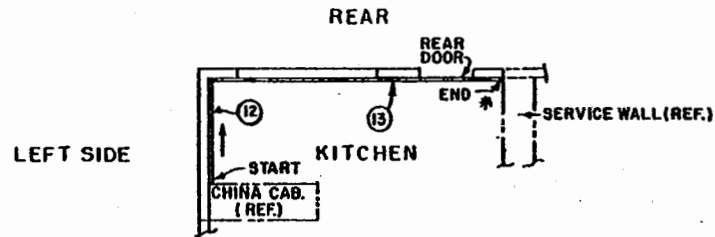
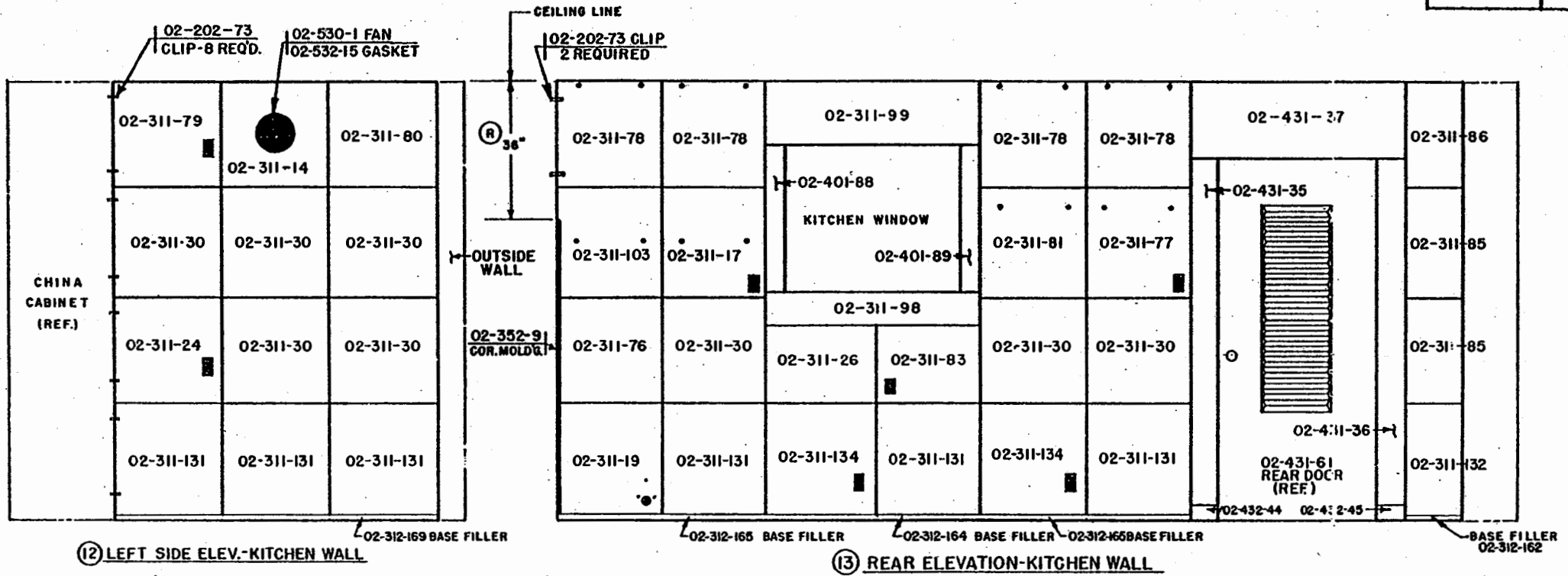
**NOTES**

- FOR REMAINDER OF PANELING IN THIS AREA, SEE DWG. EM-02-M-52.1
- CAUTION!** CORNER PANEL CLIPS MUST BE INSTALLED BEFORE PANELING IS STARTED. FOR INSTALLATION OF CLIPS SEE DWGS. EM-02-M-101.1 & EM-02-M-101.11

THIS PAGE SUPERSEDES EM-02-M-42.1 AT HOUSE NO. 1501.



ERECTION		MANUAL
TITLE PANELS, INTERIOR LIVING ROOM & DINETTE		
PREPARED BY G.E.	DATE 7-22-49	EFF. 1501 & SUBS. DRAWING NUMBER EM-02-M-43.1



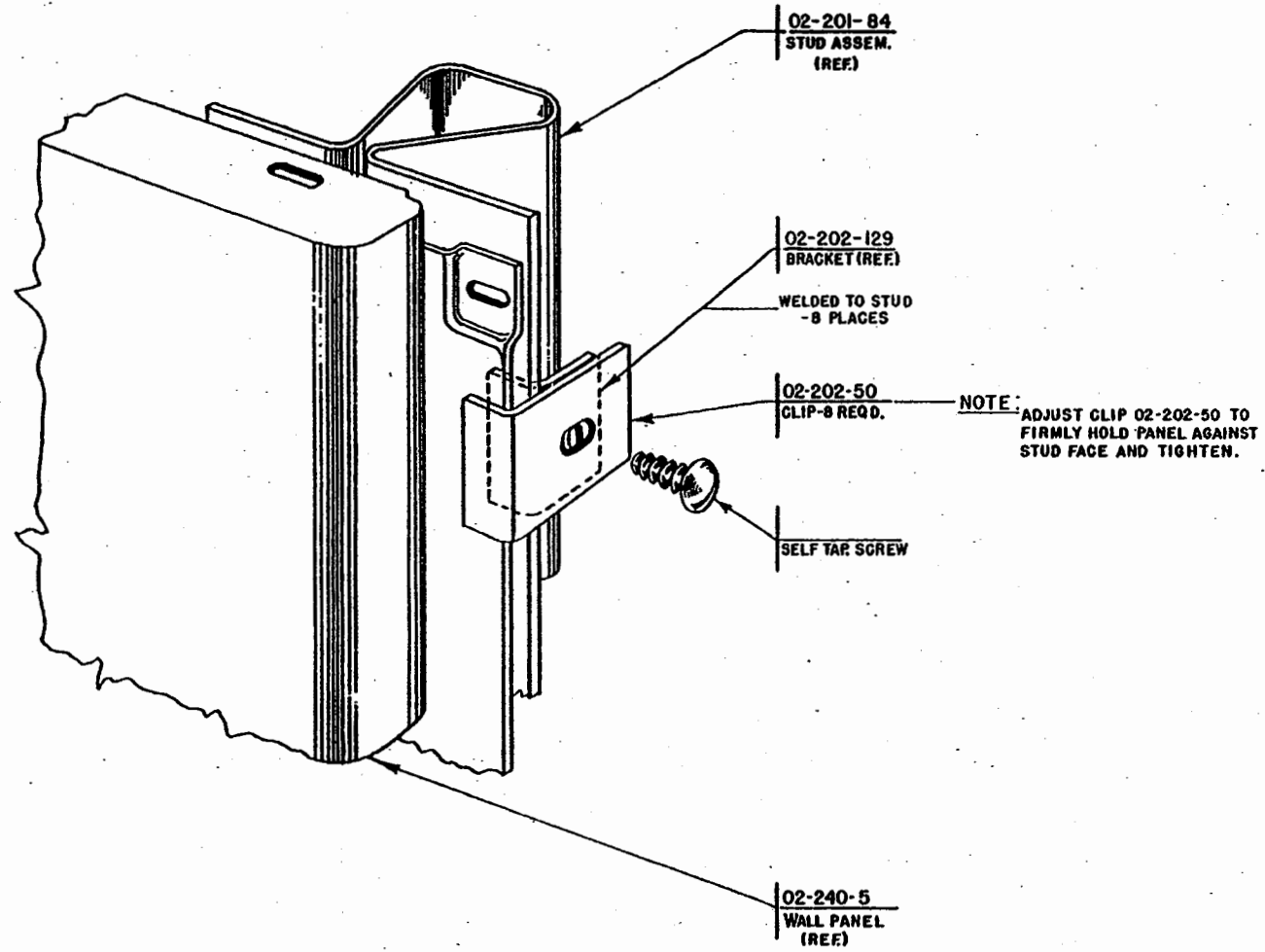
PLAN OF PANEL INSTALLATION PROCEDURE

\* NOTE:  
SEE DWG. EM-02-M-63.1 FOR REMAINDER  
OF PANEL INSTALLATION IN THIS AREA

THIS PAGE SUPERSEDES EM-02-M-51.1  
AT HOUSE NO. 1501

<b>LUSTRON</b> CORPORATION		MANUAL
ERECTION TITLE PANELS-INTERIOR WALLS, KITCHEN		
PREPARED BY G.E.	DATE 7-22-49	EFF. 1501 THRU 3000 DRAWING NUMBER EM-02-M-52.1

REL. NO. NP-324	DATE 1-19-49
NP-642	4-21-49
NP-701	6-24-49
NP-723	7-22-49



®

**Lustron**  
CORPORATION

ERECTION		MANUAL	
TITLE CLIP-PANEL TO STUD			
PREPARED BY W. C. G.	DATE 11-17-48	EFF. 11 & SUB.	
REVISED 6-24-49	BY W. C. G.	DRAWING NUMBER EM-02-M-60.11	

REVISED  
7-22-49

BY  
S.L.

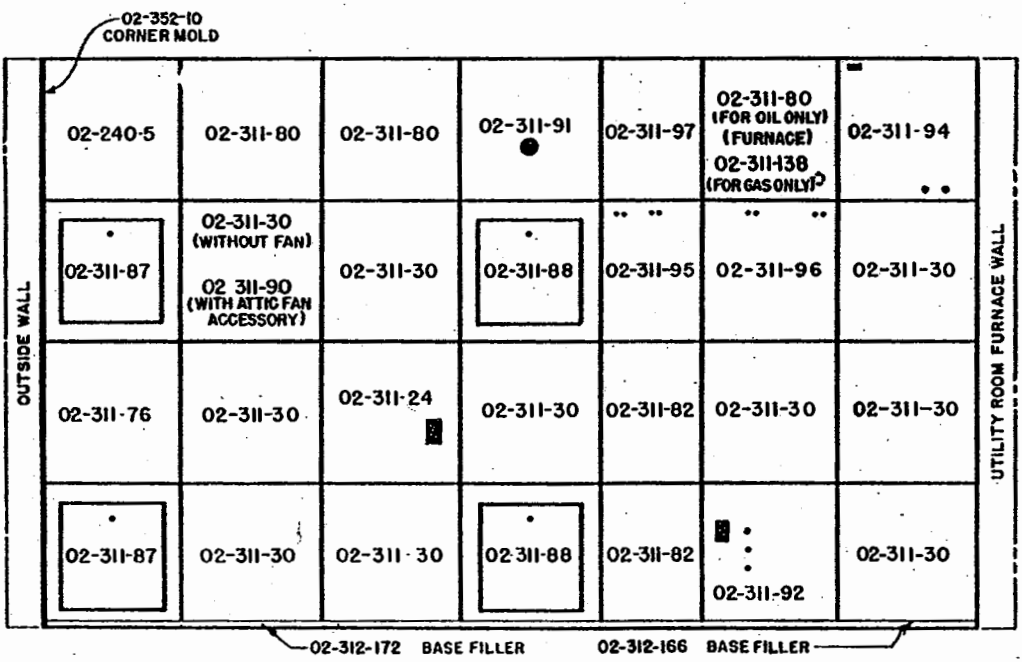
REVISED  
6-24-49

BY  
W. C. G.

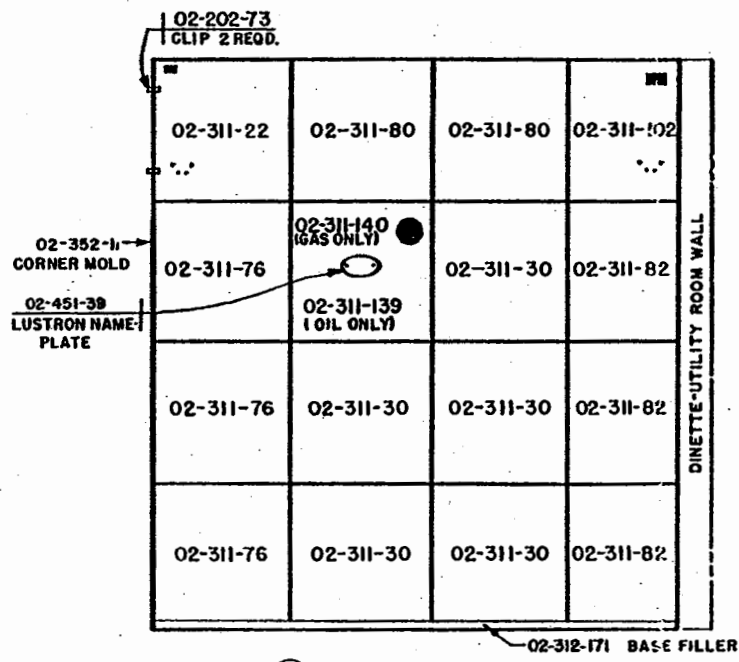
DRAWING NUMBER  
EM-02-M-60.11



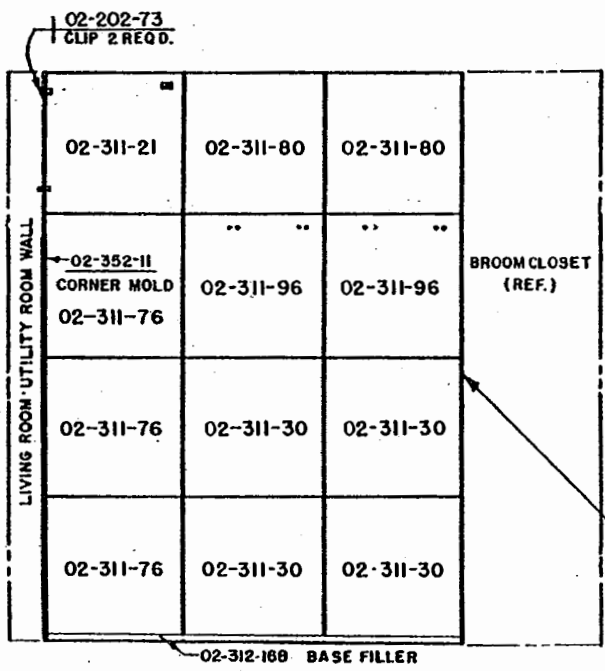
RELEASE NO.	DATE
NP-723	7-22-49
NP 736	8-15-49



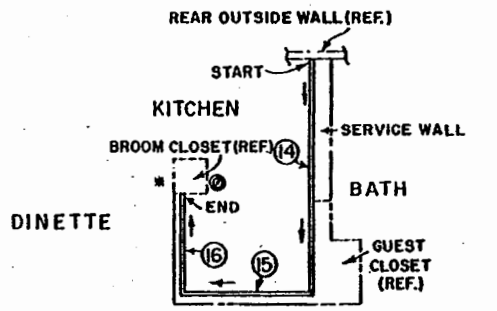
(14) SERVICE-UTILITY ROOM WALLS



(15) UTILITY ROOM-FURNACE WALL



(16) UTILITY-DINETTE WALL



PLAN OF PANEL INSTALLATION PROCEDURE

NOTE: SEE DWG. EM-02-M-60.11 FOR METHOD OF ATTACHING PANELS AT THIS POINT.

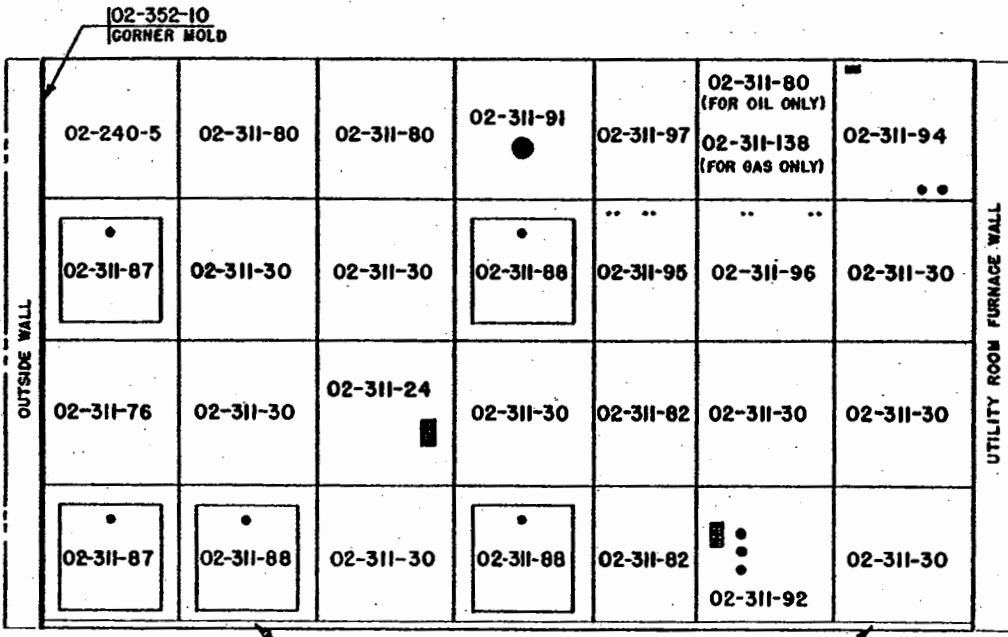
NOTE: BROOM CLOSET STRUCTURE & PANELLING TO BE INSTALLED AT THIS POINT.

CAUTION: BRACKETS FOR HOLDING LAVATORY MUST BE INSTALLED PER DETAIL "A" EM-02-J-31.1 ON BATH-ROOM SIDE OF SERVICE WALL BEFORE PANELS ARE INSTALLED ALONG WALL (14)

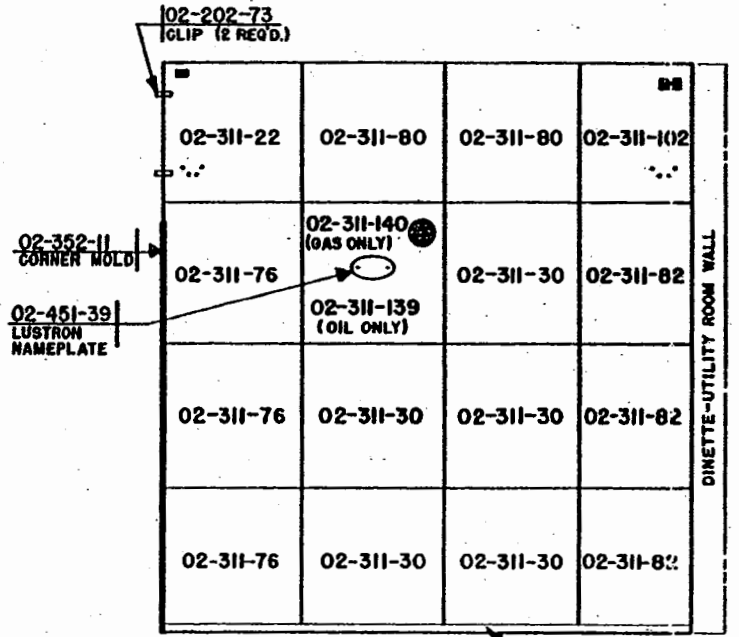
THIS PAGE SUPERSEDES EM-02-M-62.1 AT HOUSE NO. 1501



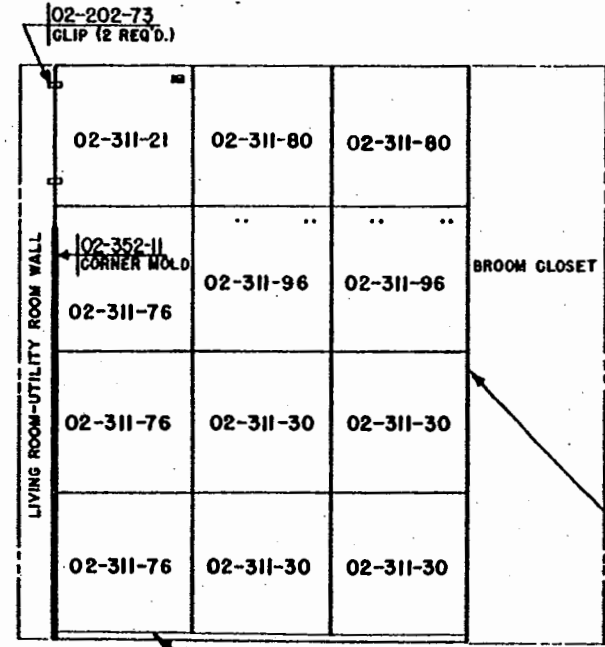
ERECTION		MANUAL
TITLE PANELS-SERVICE WALL & UTILITY ROOM		
PREPARED BY G.E.	DATE 7-22-49	EFF. 1501 THRU 3000
REVISED 8-15-49	MWC	DRAWING NUMBER EM-02-M-63.1



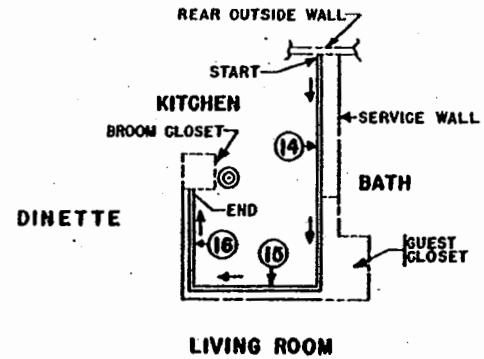
14 SERVICE-UTILITY ROOM WALLS



15 UTILITY ROOM-FURNACE WALL



16 UTILITY-DINETTE WALL



PLAN OF PANEL INSTALLATION PROCEDURE

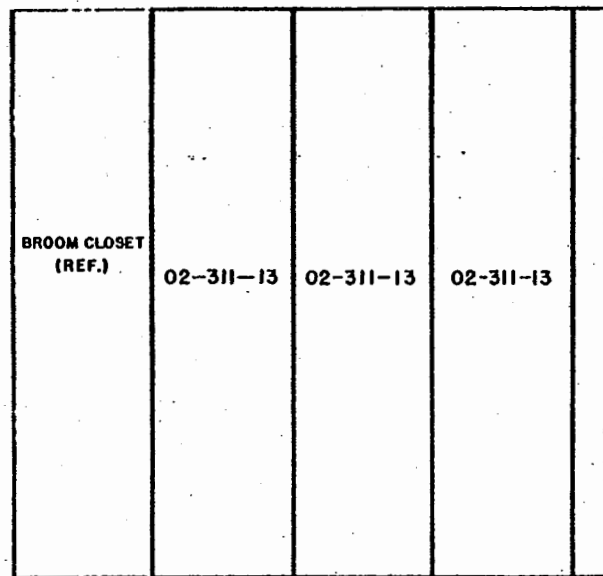
NOTE: BROOM CLOSET STRUCTURE & PANELING TO BE INSTALLED AT THIS POINT.

NOTE: SEE DWG. EM-02-M-60.11 FOR METHOD OF ATTACHING PANELS AT THIS POINT.

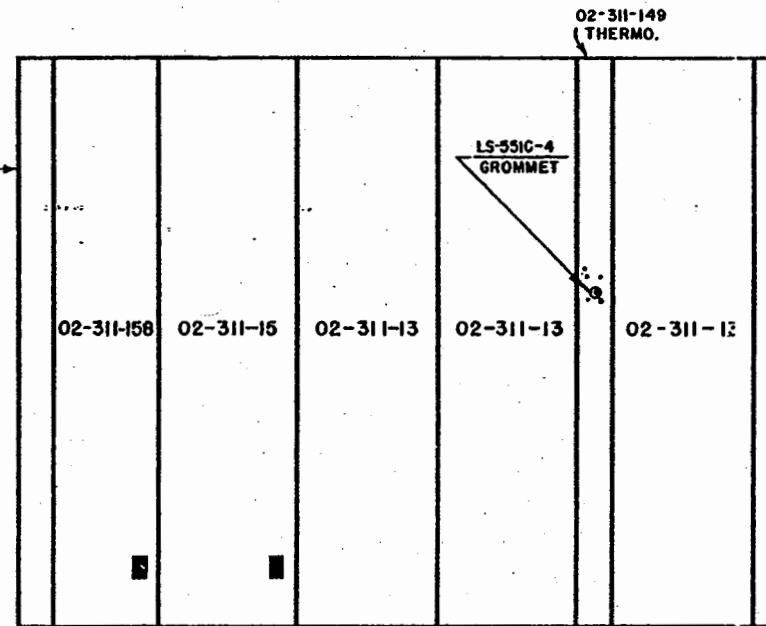
THIS PAGE SUPERSEDES EM-02-M-63.1 AT HOUSE NO. 2001

**LUSTRON**  
CORPORATION

ERECTION		MANUAL	
TITLE PANELS-SERVICE WALL & UTILITY ROOM			
PREPARED BY R. L. S.	DATE 9-2-49	EFF. 2001 & SUB.	
DRAWING NUMBER EM-02-M-64.1			



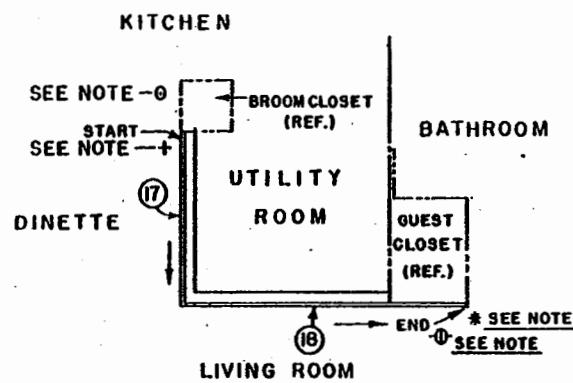
(17) DINETTE WALL



(18) LIVING ROOM WALL

**NOTE:**  
FOR CORNER PANEL CLIP INSTALLATION AT THIS POINT ONLY SEE EM-02-M-104.I. THESE CLIPS MUST BE INSTALLED BEFORE PANELING IS STARTED.

**NOTE:**  
FOR INSTALLATION OF PENN THERMOSTAT USE (2) TOGGLE BOLTS SUPPLIED WITH THERMOSTAT.  
FOR INSTALLATION OF MINN. HONEYWELL USE (3) LS204-6B SELF TAPPING SCREWS.



PLAN OF PANEL INSTALLATION PROCEDURE

**CAUTION:**  
CLIPS WHICH HOLD CORNER PANELS MUST BE INSTALLED BEFORE WALL PANELS ARE INSTALLED. SEE EM-02-M-101.I & EM-02-M-101.II FOR INSTALLATION OF THESE CLIPS.

**\* NOTE:**  
SEE DWG. EM-C2-P-44.I FOR REMAINDER OF PANEL INSTALLATION IN THIS AREA.

**0 NOTE:**  
BROOM CLOSET STRUCTURE & PANELLING MUST BE INSTALLED AT THIS POINT.

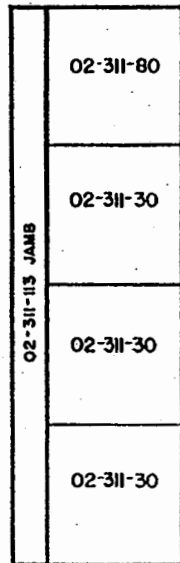
**+ NOTE:**  
AFTER BROOM CLOSET STRUCTURE AND PANELLING HAVE BEEN INSTALLED CONTINUE WALL PANELLING FROM THIS POINT.

**⊖ NOTE:** GUEST CLOSET STRUCTURE & PANELS MUST BE INSTALLED AT THIS POINT.

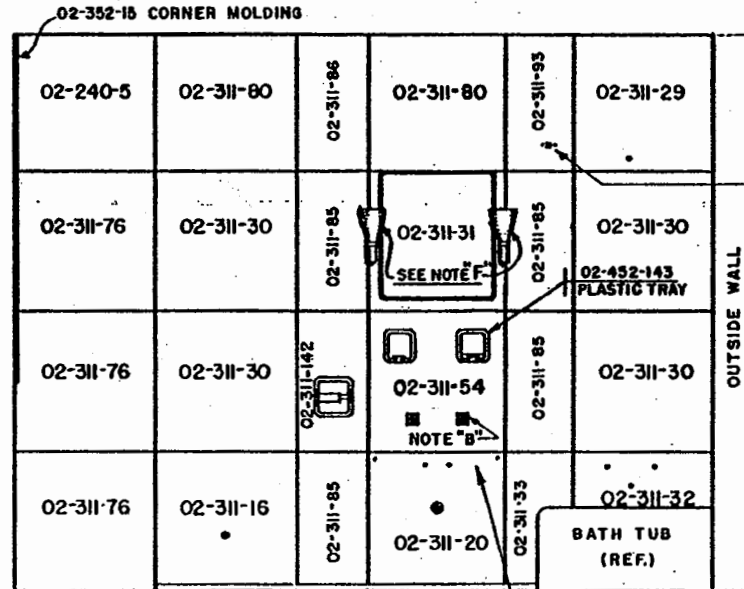


ERECTION		MANUAL
TITLE PANELS-INTERIOR WALLS, DINETTE AND LIVING ROOM		
PREPARED BY MWC	DATE 8-15-49	EFF. 1401 THRU 2500
		DRAWING NUMBER EM-02-M-71.12

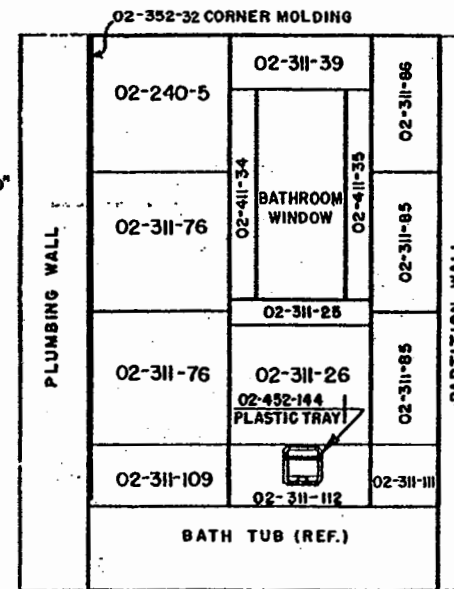
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EM-02-M-71.1 AT HOUSE  
1401.



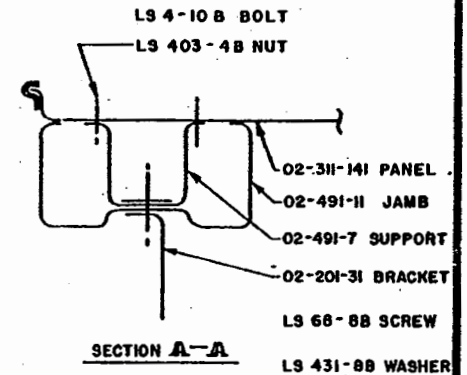
19 BATHROOM RECESS



20 LEFT SIDE-BATHROOM WALL



21 REAR ELEVATION-BATHROOM WALL



NOTE A:  
CAUTION!

INSTALL ESCUTCHEON PER DETAIL "B" - EM-02-31.1 ON PANEL BEFORE ATTACHING PANEL TO WALL.

NOTE B:  
CAUTION!

INSTALL ATTACHING BRACKETS FOR LAVATORY BEFORE PANELS ARE INSTALLED. SEE DETAIL "A" - EM-02-J-31.1

NOTE C:  
CAUTION!

INSTALL (1) 02-452-73 BACK PLATE TO FACE OF 02-311-60 & 02-311-84 PANELS, USING (2) C-159-022-1 TINNERMAN FASTENERS. THIS MUST BE DONE BEFORE THESE PANELS ARE INSTALLED. AFTER PANELS ARE INSTALLED, INSTALL 02-451-22 - TOWEL BAR.

NOTE D:

SHOWER ROD - 02-452-31 TO BE ATTACHED TO THIS PANEL USING 02-452-32 MOUNTING FLANGE AND #8-32 X 1/2" FLAT HD. MACHINE SCREW AND C-1690-B32 TINNERMAN NUTS. THE ABOVE ITEMS ARE SHIPPED IN 02-451-11 SHIPPING ASSEMBLY PACKAGE.

Ø NOTE

GUEST CLOSET STRUCTURE & PANELING MUST BE INSTALLED AT THIS POINT.

\* NOTE

SEE DWG. EM-02-M-91.1 FOR REST OF PANEL INSTALLATION IN THIS AREA.

NOTE E.

INSTALL (1) 02-452-73 BACKPLATE TO FACE OF 02-311-84 PANEL, USING (2) C-159-022-1 TINNERMAN FASTENERS. THIS MUST BE DONE BEFORE PANEL IS INSTALLED. AFTER PANEL IS INSTALLED, INSTALL (1) 02-451-35 ROBE HOOK

NOTE F:

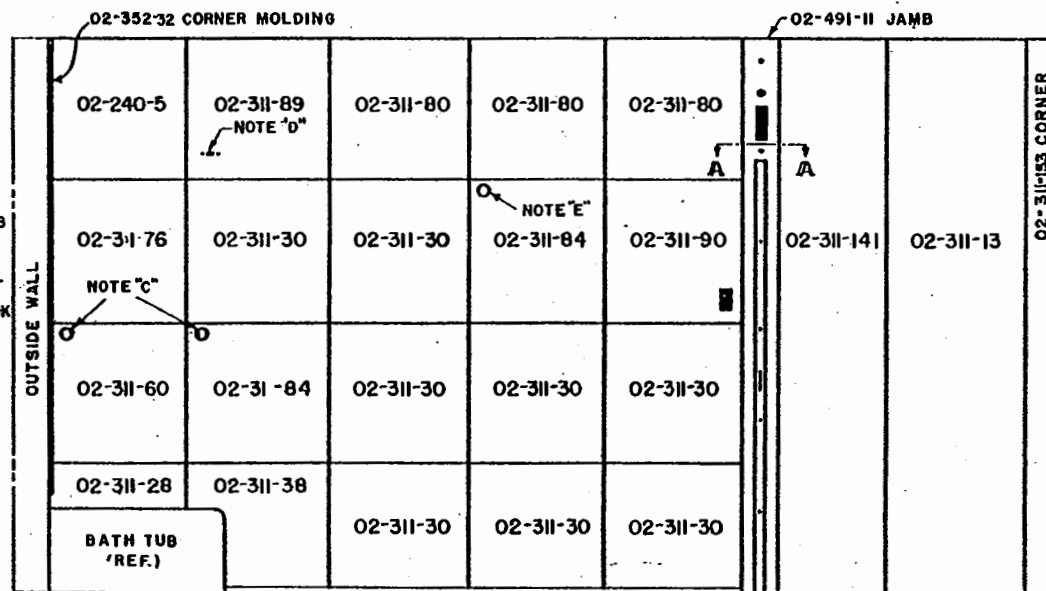
02-612-62 SHADE (2 REQ'D.)

NOTE G.

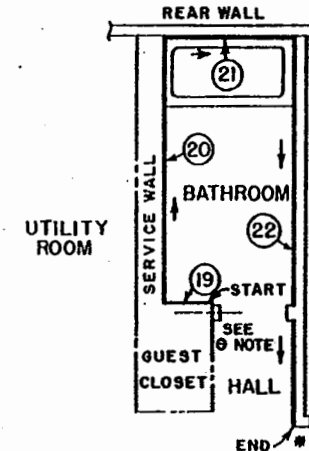
FOR INSTALLATION OF CORNER PANEL CLIPS SEE EM-02-M-01.1 & EM-02-M-101.11.

CAUTION:

THESE CLIPS MUST BE INSTALLED BEFORE PANELLING IS STARTED.



22 RIGHT SIDE-BATHROOM WALL

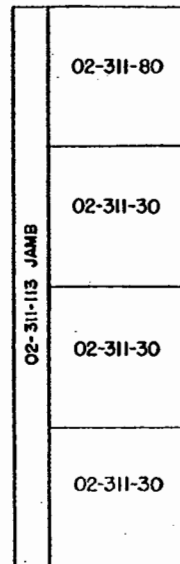


PLAN OF PANEL INSTALLATION PROCEDURE

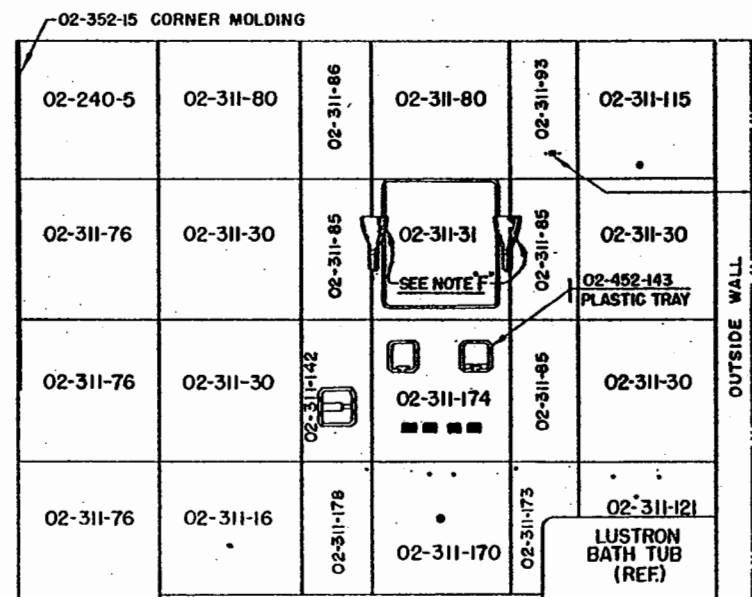
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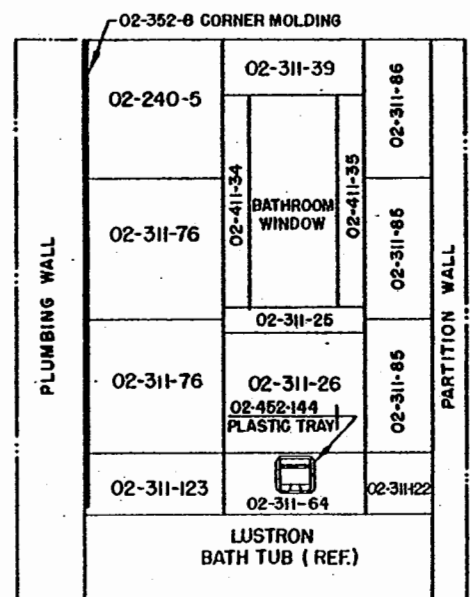
ERECTION		MANUAL
TITLE PANELS-INTERIOR WALLS, BATHROOM AND HALL		
PREPARED BY G.E.	DATE 7-22-49	EFF. 1501 THRU 3000 DRAWING NUMBER EM-02-M-83.1



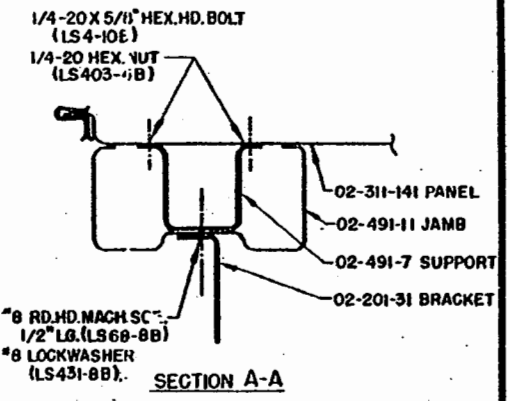
(19) BATH ROOM RECESS



(20) LEFT SIDE - BATHROOM WALL



(21) REAR ELEVATION - BATHROOM WALL



**NOTE A. CAUTION!**  
 INSTALL (1) 02-452-73 BACK PLATE TO FACE OF PANELS 02-311-60 & 02-311-84, USING (2) C-159-022-1 TINNEMAN FASTENERS. THIS MUST BE DONE BEFORE THESE PANELS ARE INSTALLED. AFTER PANELS ARE INSTALLED, INSTALL 02-451-22 TOWEL BAR.

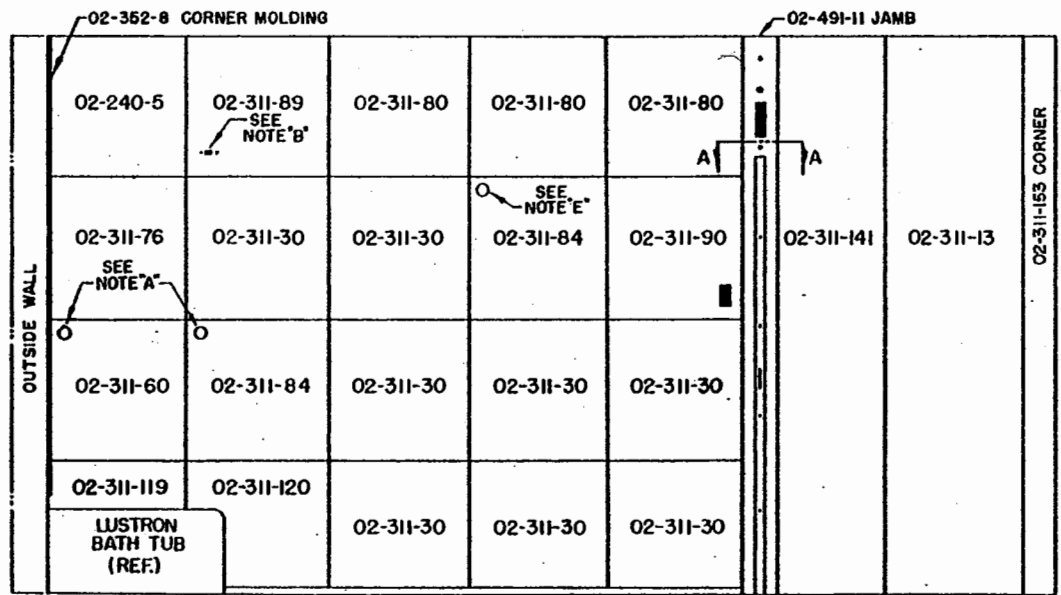
**NOTE B.**  
 SHOWER ROD 02-452-31 TO BE ATTACHED TO THIS PANEL USING 02-452-32 MOUNTING FLANGE AND #8-32 X 1/2\"/>

**NOTE C.**  
 GUEST CLOSET STRUCTURE & PANELING MUST BE INSTALLED AT THIS POINT.

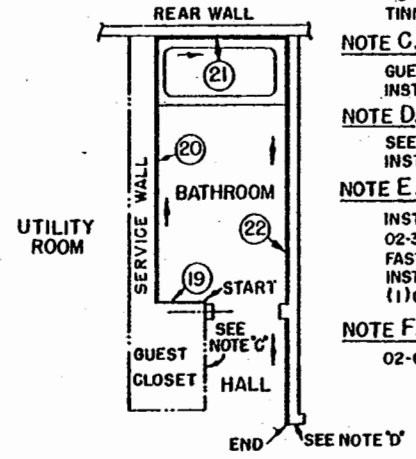
**NOTE D.**  
 SEE PAGE EM-02-M-91.1 FOR REST OF PANEL INSTALLATION IN THIS AREA.

**NOTE E.**  
 INSTALL (1) 02-452-73 BACK PLATE TO FACE OF PANEL 02-311-84, USING (2) C-159-022-1 TINNEMAN FASTENERS. THIS MUST BE DONE BEFORE PANEL IS INSTALLED. AFTER PANEL IS INSTALLED, INSTALL (1) 02-45-35 ROBE HOOK.

**NOTE F.**  
 02-612-62 SHADE (2) REQUIRED.



(22) RIGHT SIDE - BATHROOM WALL

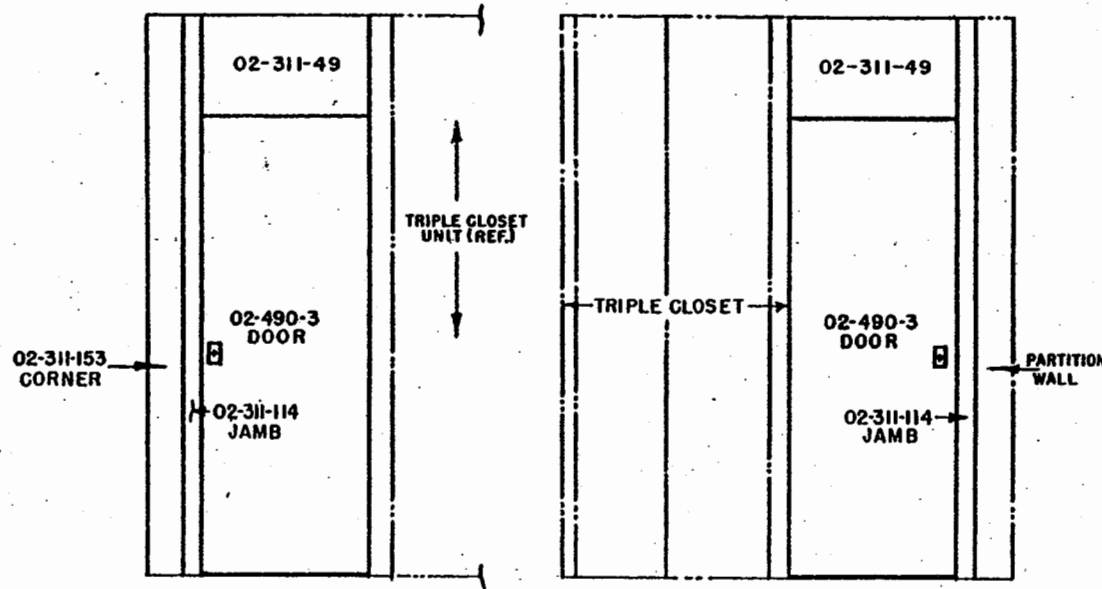


PLAN OF PANEL INSTALLATION PROCEDURE

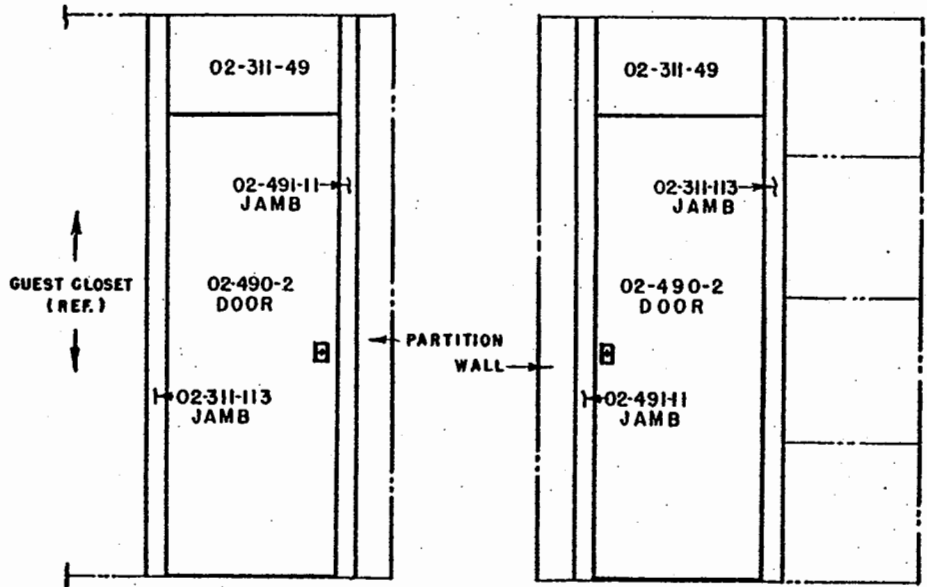
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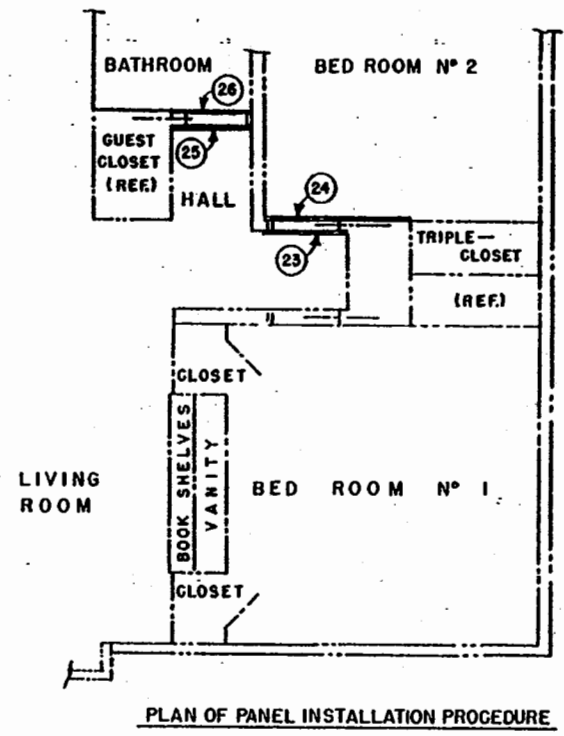
ERECTION		MANUAL	
TITLE PANELS - INTERIOR WALLS, BATHROOM AND HALL			
PREPARED BY	DATE	EFF. 2001 & SUB	
G.E.	9-7-49	DRAWING NUMBER	
		EM-02-M-84.1	



(23) ELEVATION OUTSIDE BEDROOM N° 2      (24) ELEVATION INSIDE BEDROOM N° 2



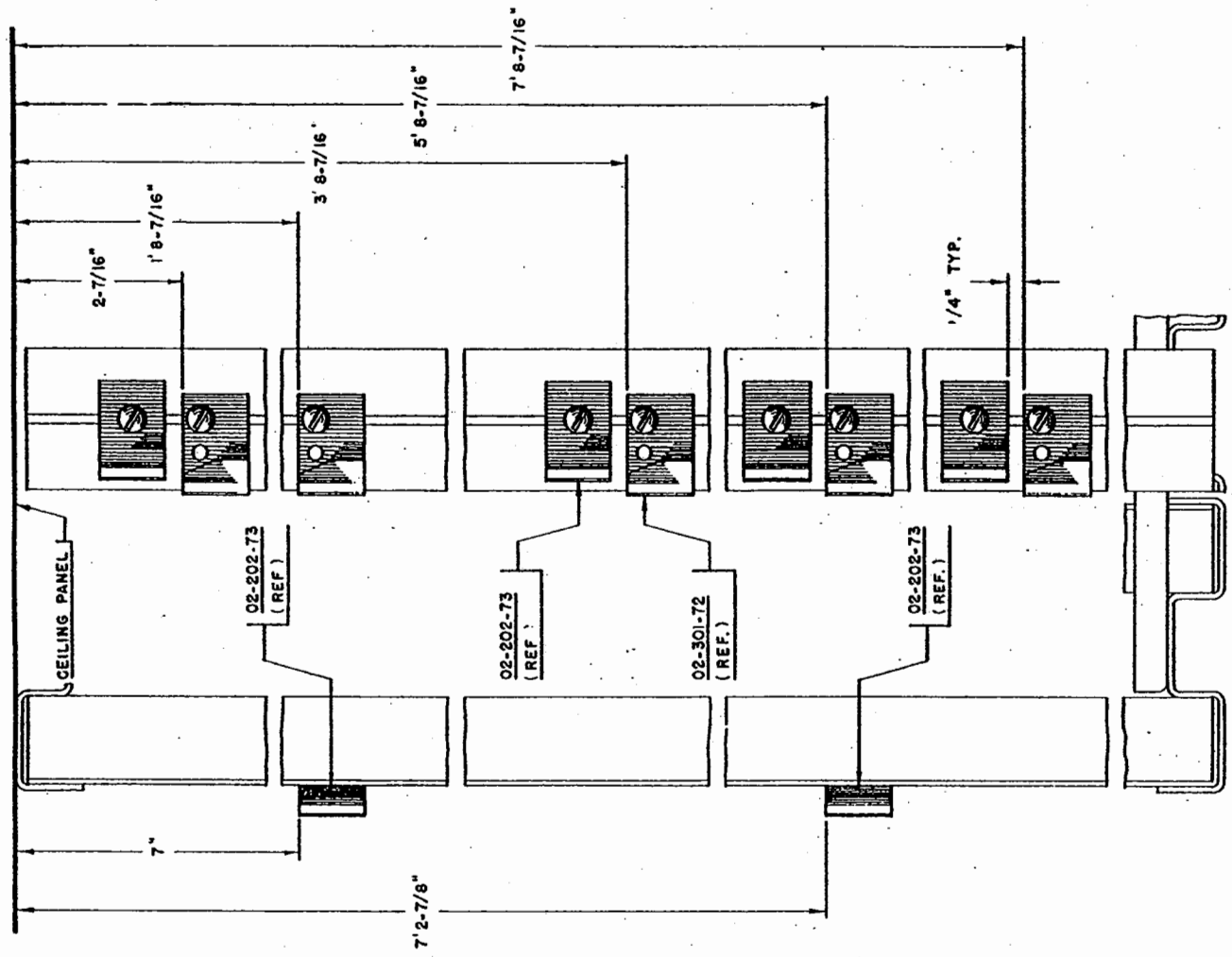
(25) ELEVATION-OUTSIDE BATH ROOM      (26) ELEVATION-INSIDE BATH ROOM



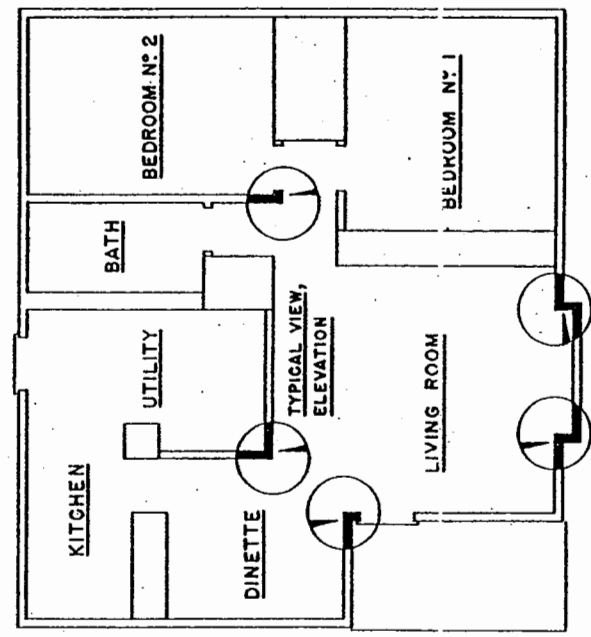
**CAUTION:**  
CLIPS WHICH HOLO CORNER PANELS MUST BE INSTALLED BEFORE WALL PANELS ARE INSTALLED. SEE EM-02-M-101.1 & EM-02-M-101.11 FOR INSTALLATION OF THESE CLIPS.



ERECTION		MANUAL	
TITLE <b>PANELS-INTERIOR WALLS, DOORS AND ADJACENT PANELS</b>			
PREPARED BY	DATE	EFF. 511 & SUB.	
W. C. G.	4-15-49	DRAWING NUMBER	
		EM-02-M-91.1	



**ELEVATION**



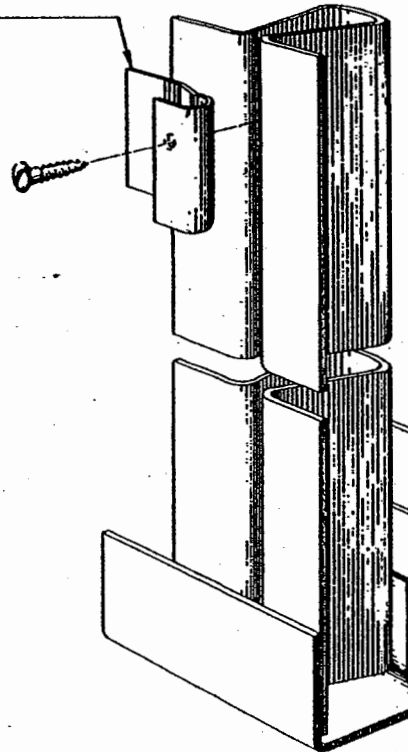
**PLAN**

**CAUTION**  
 THESE CLIPS MUST BE INSTALLED BEFORE PANELING IS STARTED.  
 FOR CLIP INSTALLATION DETAILS SEE EM-02-M-101.1  
 FOR CORNER PANEL INSTALLATION, SEE EM-02-M-105.1

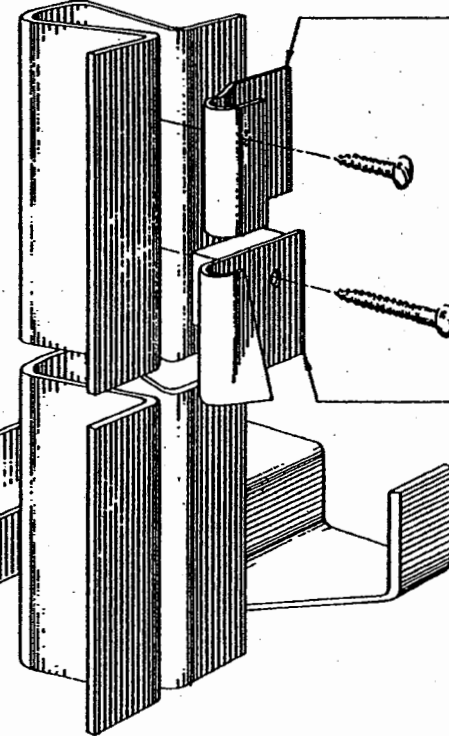


ERECTION		MANUAL
TITLE INTERIOR CORNER PANEL CLIP INSTALLATION TYPICAL ELEVATION & PLAN		
PREPARED BY J B R	DATE 4-22-49	EFF. 511 & SUBS.
		DRAWING NUMBER EM-02-M-101.1

02-202-73 CLIP  
 \*8-15 X 5/8" TRUSS  
 HEAD SLOTTED TAP.  
 SCREW, CAD. PLATE  
 (LS244-10B)  
 (2) EACH REQ



02-202-73 CLIP  
 \*3-15 X 5/8" TRUSS HEAD  
 SLOTTED TAPPING SCREW,  
 CAD. PLATE  
 (LS244-10B)  
 (4) EACH REQ.



02-301-72 CLIP ASSEM.  
 \*1-15 X 1" ROUND HEAD  
 SLOTTED TAPPING SCREW,  
 CAD. PLATE  
 (LS204-16B)  
 (5) EACH REQ.

**NOTE**

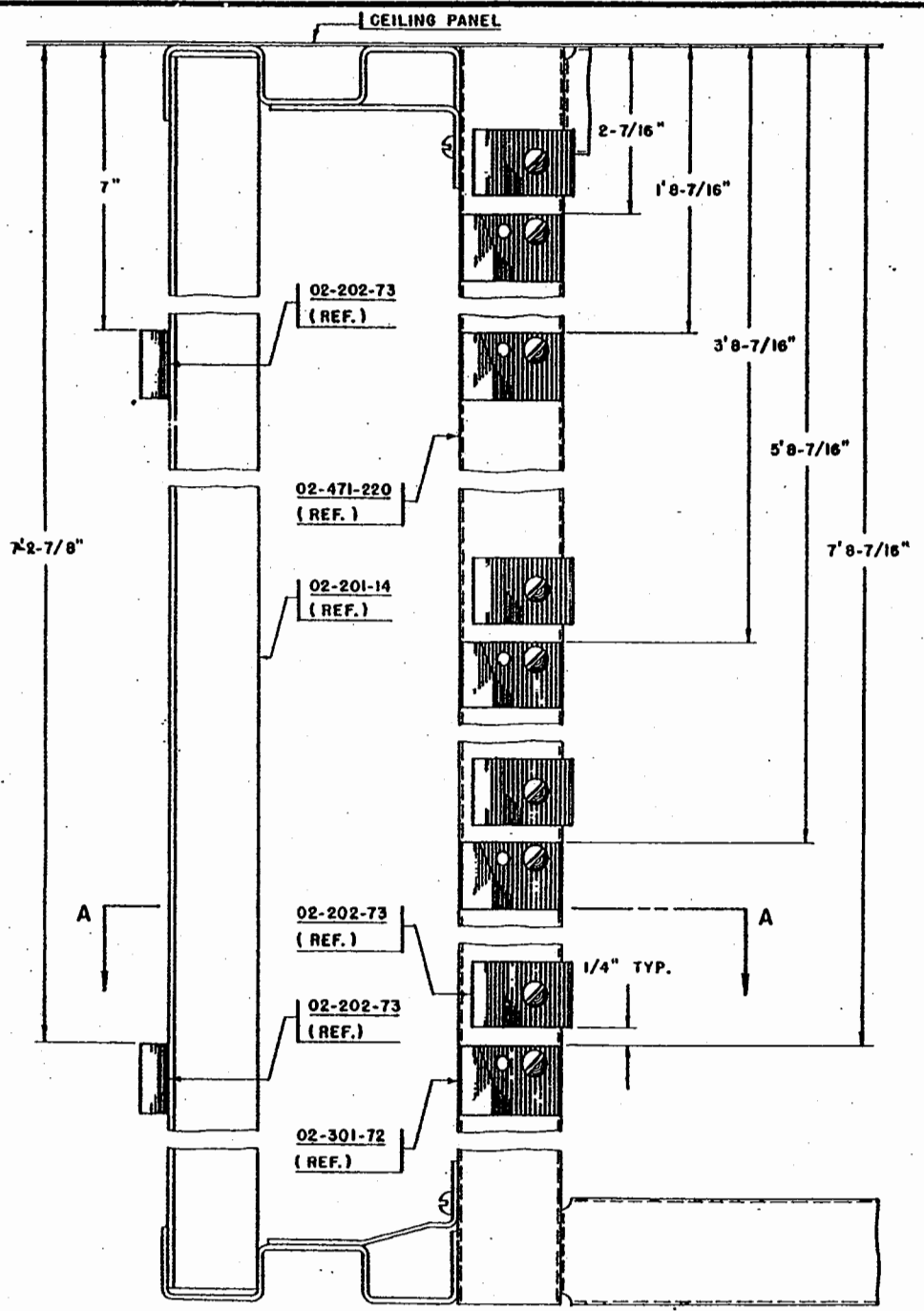
FOR LOCATING DIMENSIONS, SEE  
 DRAWING N° EM-02-M-101.1

FOR CORNER PANEL INSTALLATION  
 SEE DRAWING N° EM-02-M-105.1.



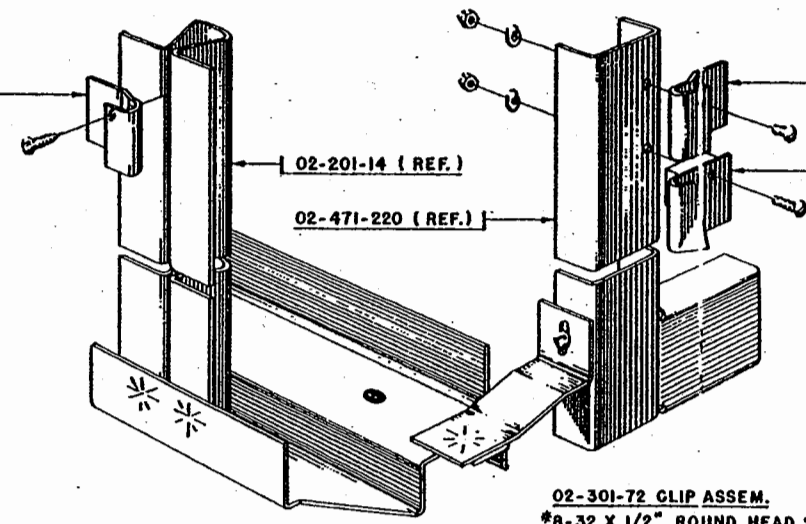
ERECTION		MANUAL
TITLE INTERIOR CORNER PANEL CLIP INSTALLATION TYPICAL DETAILS		
PREPARED BY JBR	DATE 5-5-49	EFF. 511 & SUBS.
		DRAWING NUMBER EM-02-M-101.11





**02-202-73 CLIP**  
 \*8-15 X 5/8" TRUSS HEAD SLOTTED TAPPING SCREW,  
 CAD. PLATE (LS244-10B)  
 (2) EACH REQ.

**02-202-73 CLIP**  
 \*8-32 X 1/4" ROUND HEAD SLOTTED MACHINE SCREW,  
 CAD. PLATE (LS68-4B)  
 \*8 HEAVY SPRING LOCKWASHER, CAD. PLATE  
 (LS433-8B)  
 \*8-32 ACORN NUT, NICKEL PLATE (LS407-8M)  
 (4) EACH REQ.



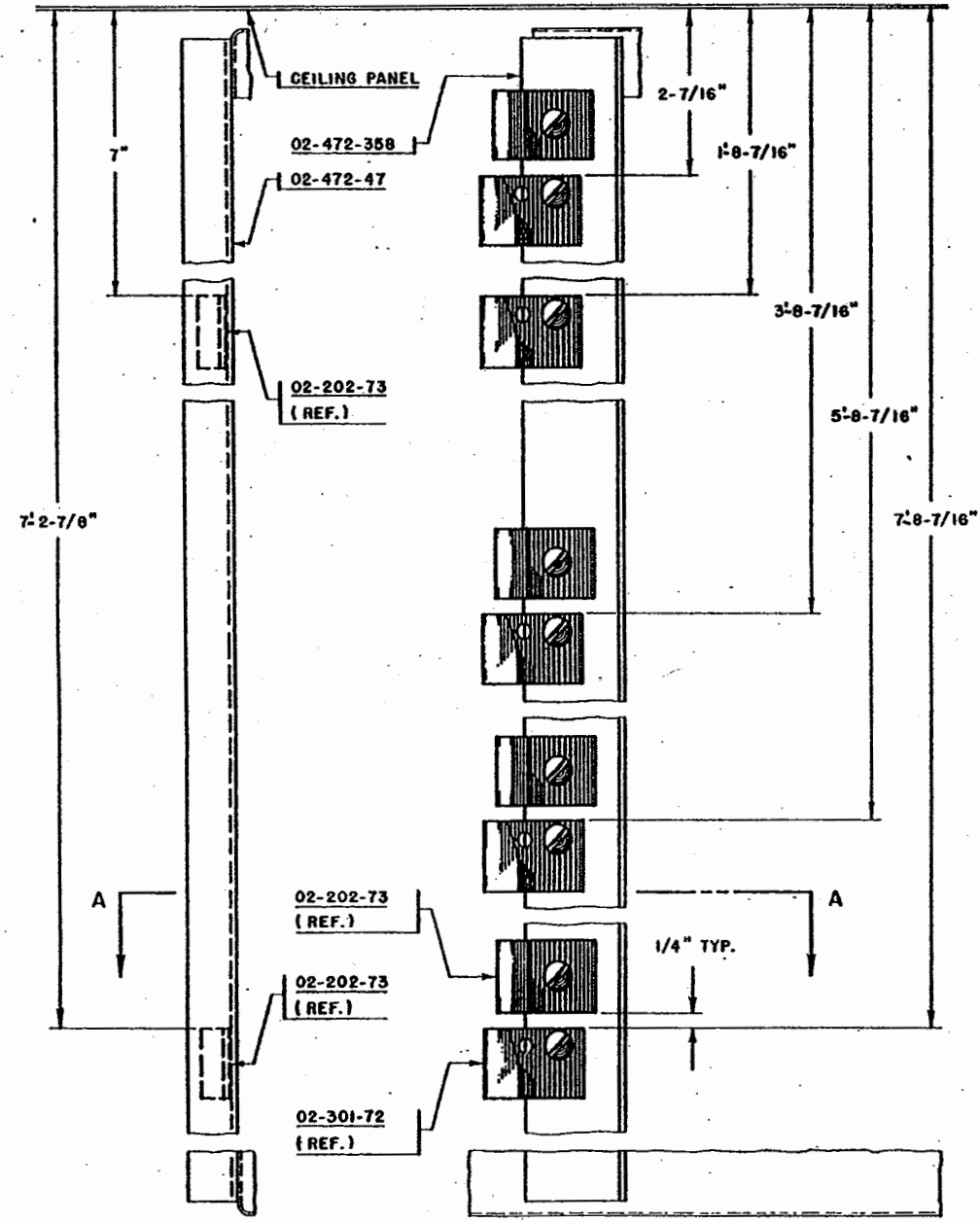
**DETAIL VIEW "A-A"**

**02-301-72 CLIP ASSEM.**  
 \*8-32 X 1/2" ROUND HEAD SLOTTED MACHINE SCREW, CAD. PLATE (LS68-8B)  
 \*8 HEAVY SPRING LOCKWASHER, CAD. PLATE (LS433-8B)  
 \*8-32 ACORN NUT, NICKEL PLATE (LS407-8M)  
 (5) EACH REQ.

**CAUTION**  
 THESE CLIPS MUST BE INSTALLED BEFORE PANELING IS STARTED.  
 FOR INSTALLATION OF CORNER PANELS SEE EM-02-M-105.1.

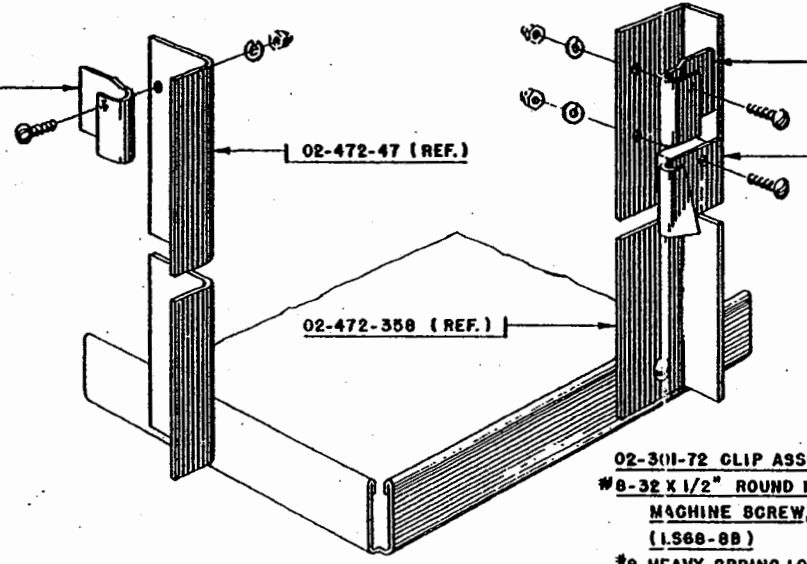


ERECTION		MANUAL
TITLE INTERIOR CORNER PANEL CLIP INSTALLATION VANITY-BOOKCASE — ELEVATION & DETAILS		
PREPARED BY J B R	DATE 5-6-49	EFF. 561 & SUBS.
		DRAWING NUMBER EM-02-M-102.1



02-202-73 CLIP  
 #8-32 X 5/16" ROUND HEAD SLOTTED MACHINE SCREW,  
 CAD. PLATE (LS68-8B)  
 #8 HEAVY SPRING LOCKWASHER, CAD. PLATE  
 (LS433-8B)  
 #8-32 ACORN NUT, NICKEL PLATE (LS407-8M)  
 (2) EACH REQ.

02-202-73 CLIP  
 #8-32 X 9/16" ROUND HEAD SLOTTED MACHINE SCREW,  
 CAD. PLATE (LS68-8B)  
 #8 HEAVY SPRING LOCKWASHER, CAD. PLATE  
 (LS433-8B)  
 #8-32 ACORN NUT, NICKEL PLATE (LS407-8M)  
 (4) EACH REQ.



DETAIL VIEW "A-A"

02-301-72 CLIP ASSEM.  
 #8-32 X 1/2" ROUND HEAD SLOTTED  
 MACHINE SCREW, CAD. PLATE  
 (LS68-8B)  
 #8 HEAVY SPRING LOCKWASHER,  
 CAD. PLATE (LS433-8B)  
 #8-32 ACORN NUT, NICKEL PLATE  
 (LS407-8M)  
 (5) EACH REQ.

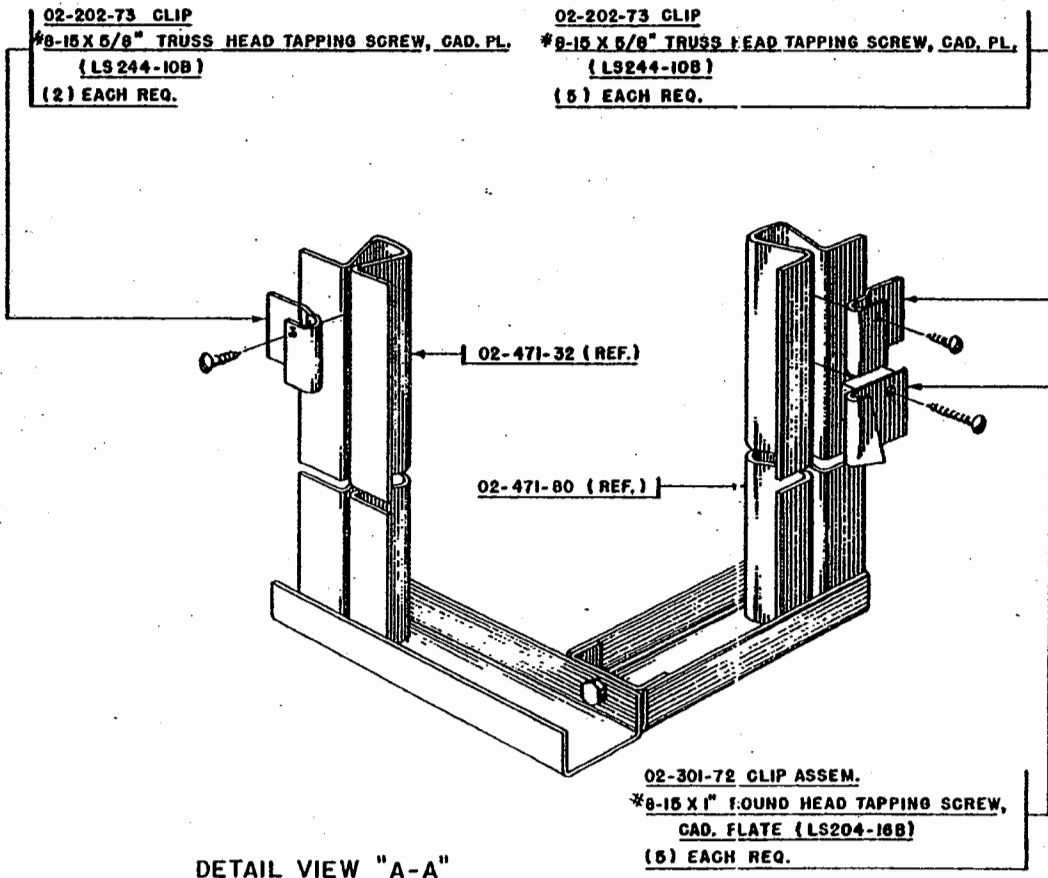
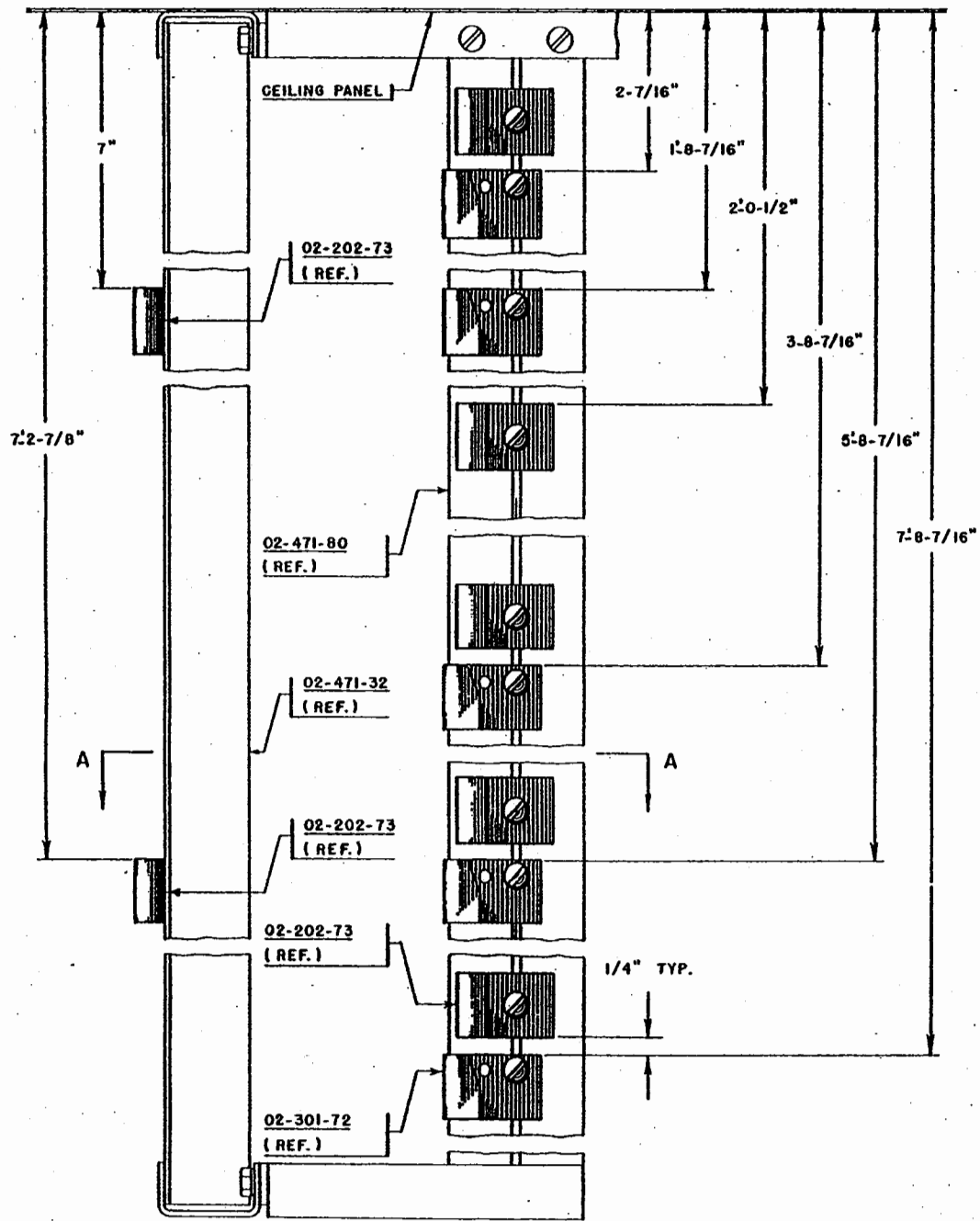
**CAUTION**

**THESE CLIPS MUST BE INSTALLED BEFORE PANELING IS STARTED.**

FOR INSTALLATION OF CORNER PANELS  
 SEE EM-02-M-105.1



ERECTION		MANUAL
TITLE INTERIOR CORNER PANEL CLIP INSTALLATION BROOM CLOSET — ELEVATION & DETAILS		
PREPARED BY JBR	DATE 4-22-49	EFF. 561 & SUBS.
DRAWING NUMBER EM-02-M-103.1		



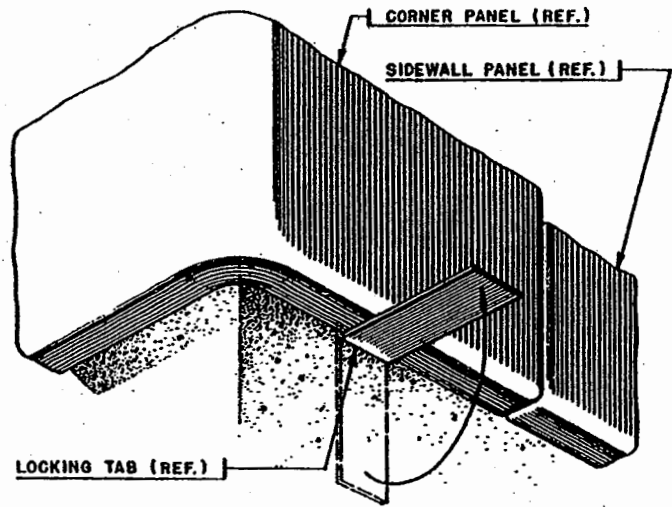
**CAUTION**

THESE CLIPS MUST BE INSTALLED BEFORE PANELING IS STARTED.

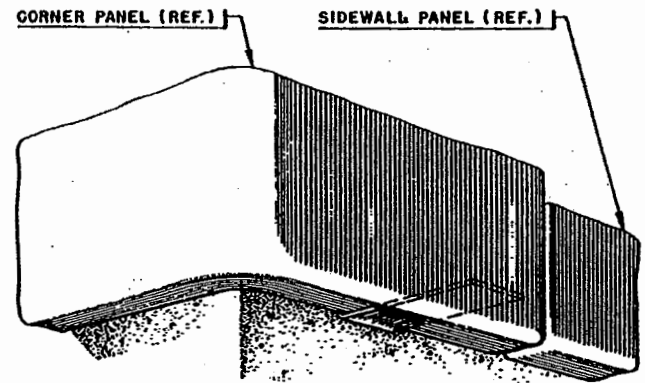
FOR INSTALLATION OF CORNER PANELS SEE EM-02-M-105.1.



ERECTION		MANUAL
TITLE INTERIOR CORNER PANEL CLIP INSTALLATION GUEST CLOSET - ELEVATION & DETAILS		
PREPARED BY J B R	DATE 4-22-49	EFF. 511 & SUBS.
		DRAWING NUMBER EM-02-M-104.1

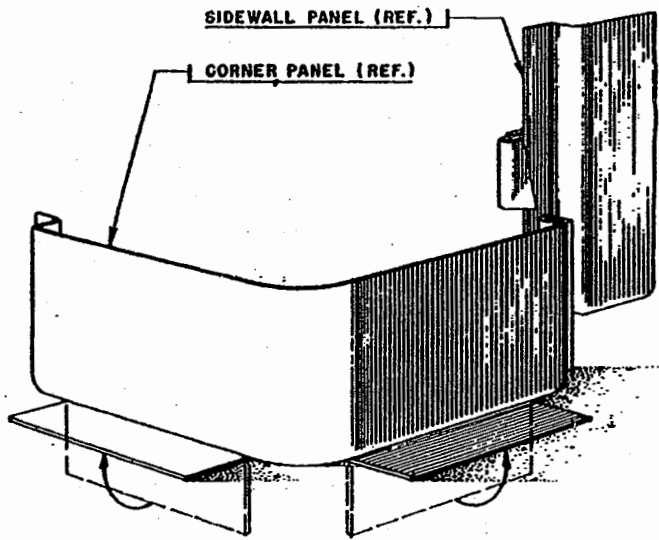


**STEP N° 1** LOCATE CORNER PANEL AND SLIDE UPWARD INTO POSITION.  
BEND LOCKING TAB OF PANEL RETAINER CLIP UPWARD, AS SHOWN.

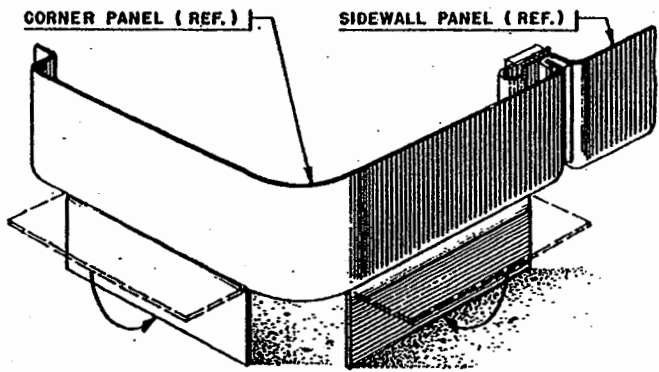


**STEP N° 2** CLIP LOCKING TAB AS SHOWN, MAKING CUT AS CLOSE AS POSSIBLE TO FACE OF PANEL.

TYPICAL EXTERIOR CORNER



**STEP N° 1** BEND CORNER PANEL SPACER TABS OUTWARD, AS SHOWN, AND LOCATE CORNER PANEL.



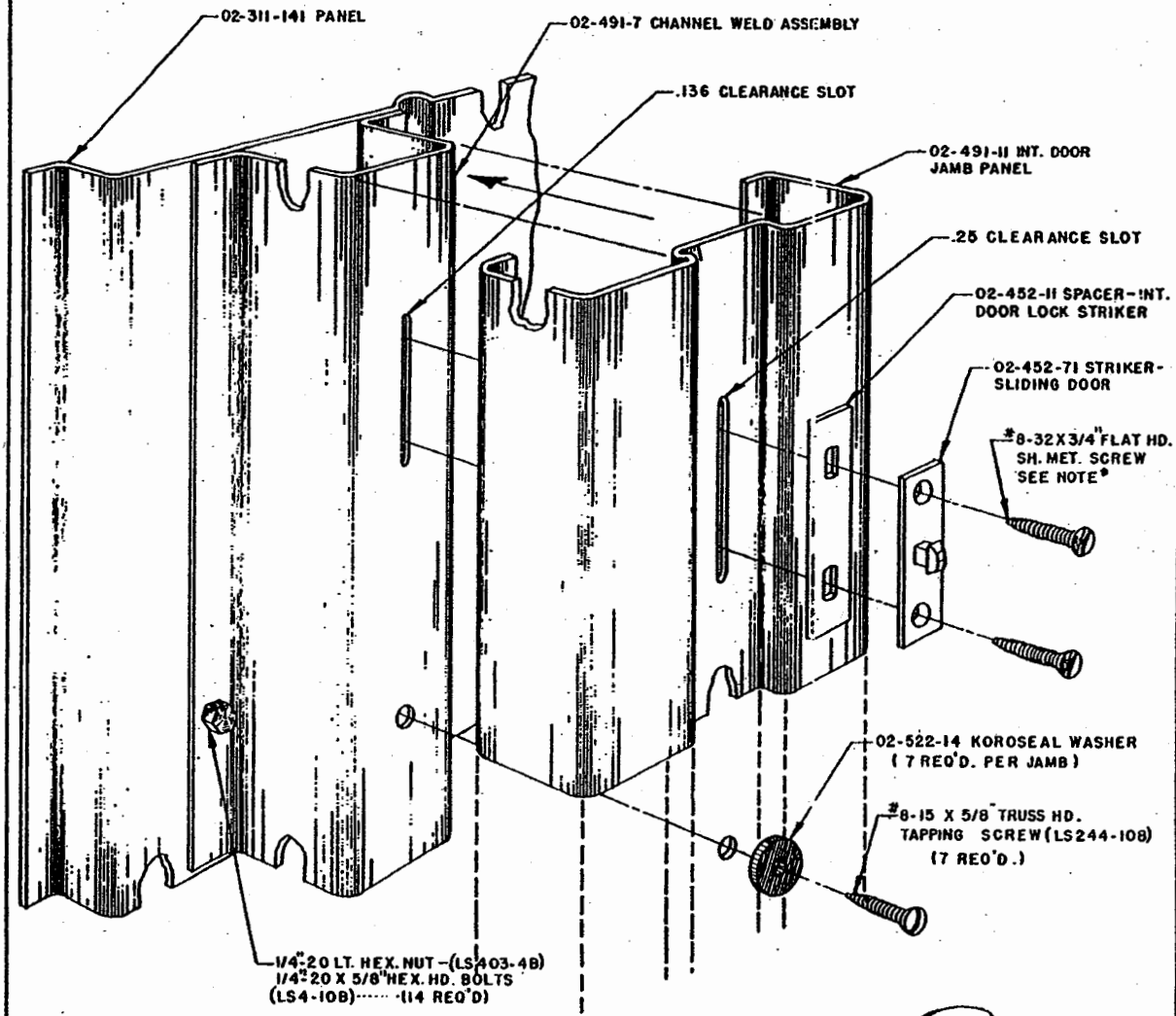
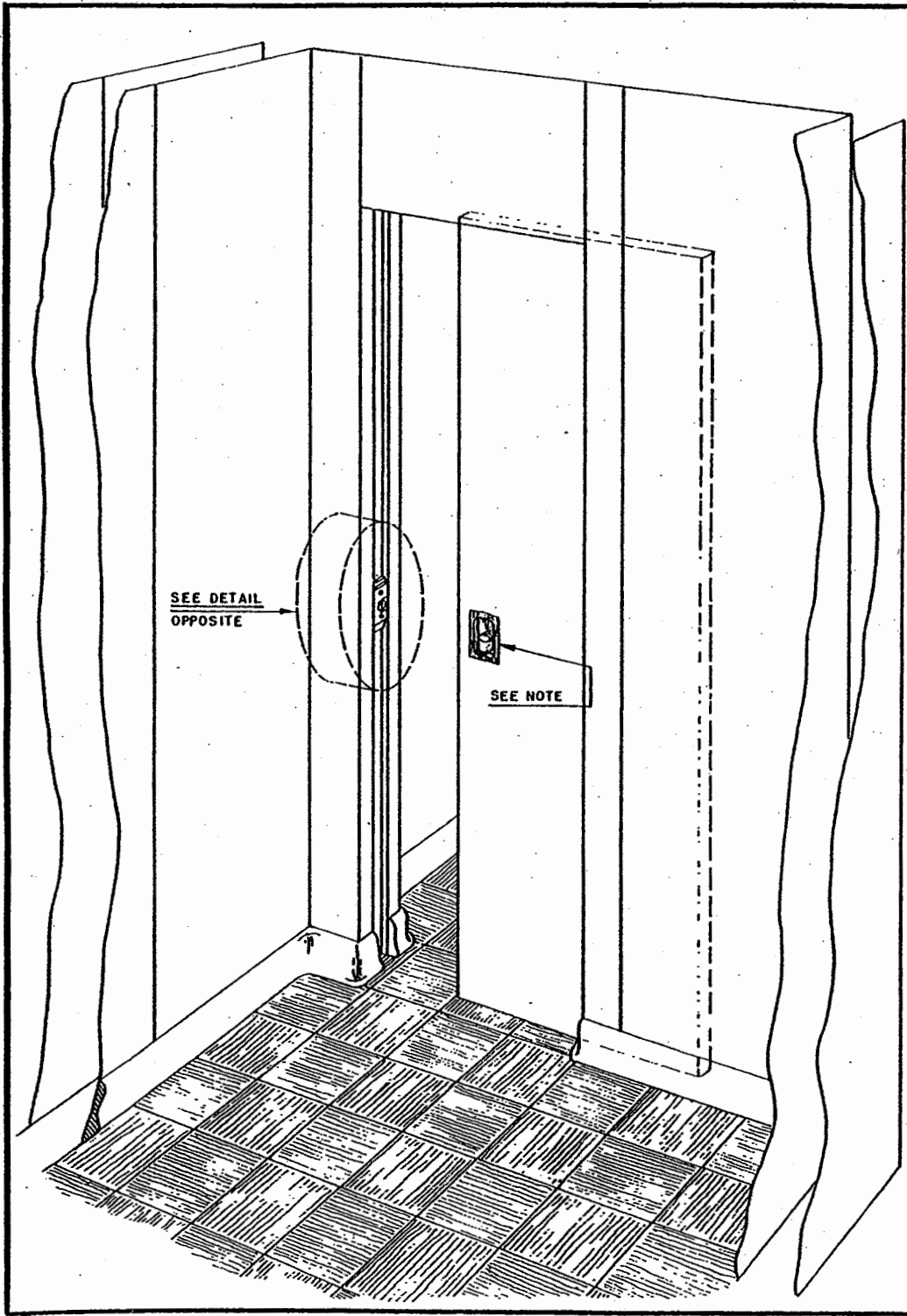
**STEP N° 2** SLIDE CORNER PANEL UPWARD INTO POSITION, AND BEND SPACER TABS DOWNWARD AS SHOWN.

TYPICAL INTERIOR CORNER



ERECTION		MANUAL
TITLE		
CORNER PANEL INSTALLATION		
PREPARED BY J B R	DATE 5-10-49	EFF. 511 & SUBS.
DRAWING NUMBER EM-02-M-105.1		

RELEASE NO.	DATE
NP-623	4-18-49
NP-683	6-9-49



NOTE:  
 CHROME ESCUTCHEON ON BATHROOM SIDE—  
 BRASS ESCUTCHEON ON HALL SIDE OF  
 02-490-2 BATHROOM DOOR.

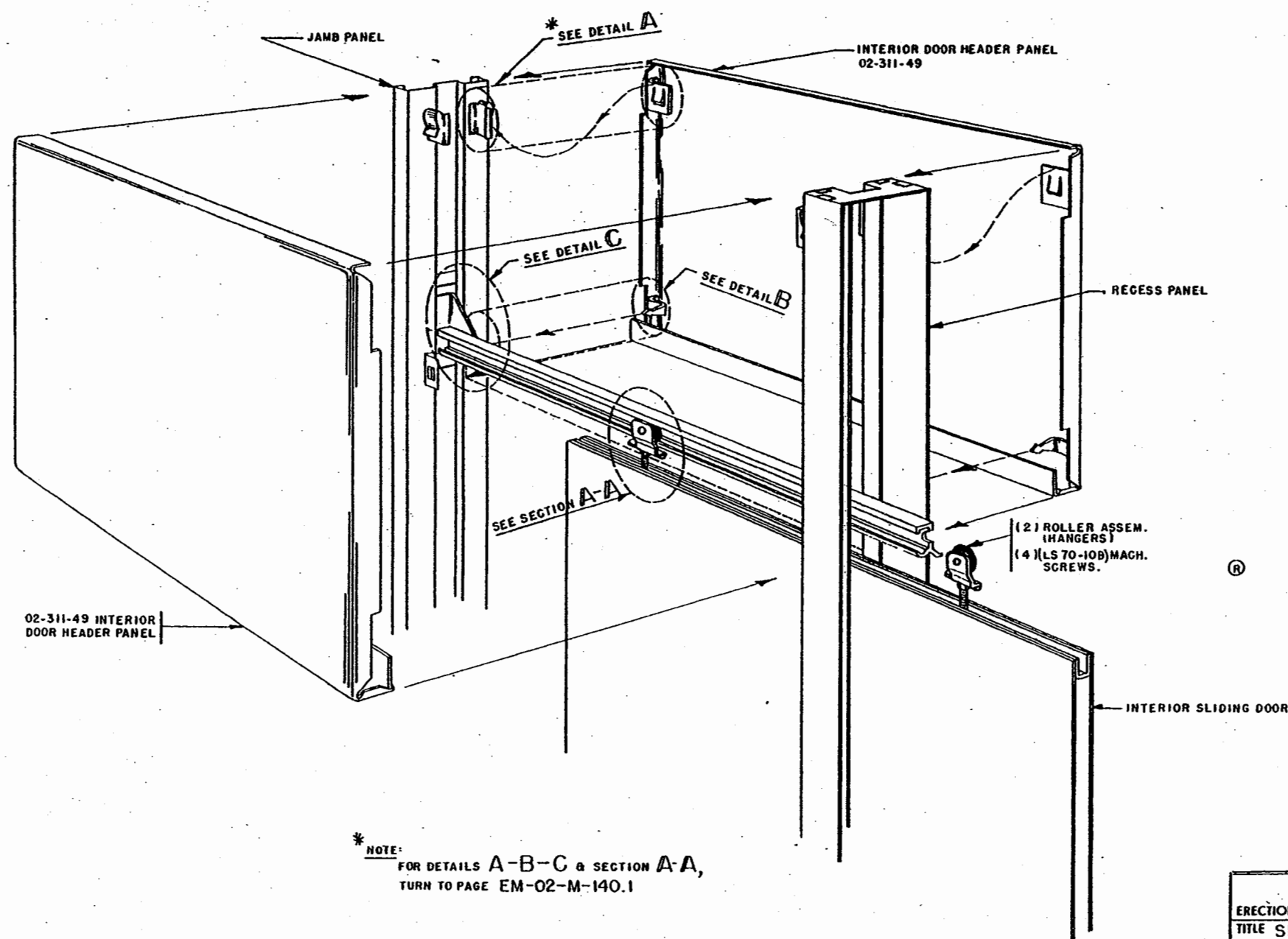
NOTE:  
 (1) 02-452-11 SPACER  
 (1) 02-452-71 STRIKER PLATE  
 (2) 02-452-53 SCREWS



ERECTION	MANUAL	
TITLE	BATHROOM DOOR JAMB & STRIKER INSTALLATION	
PREPARED BY	DATE	EFF. 511 THRU 4000
R.H. GEYER	4-15-49	DRAWING NUMBER
REVISED	BY	EM-02-M-110.1
6-9-49	W.C.G.	

(R)

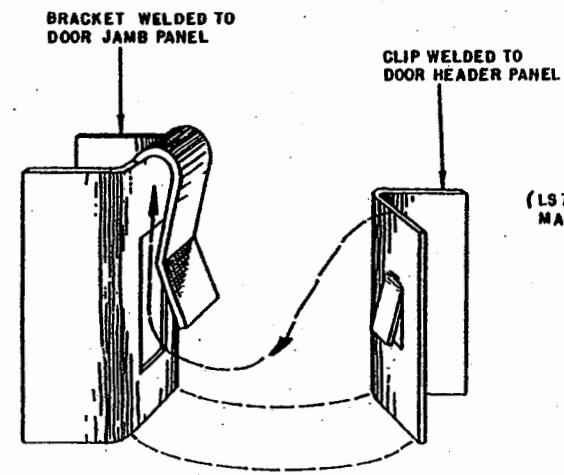
RELEASE NO.	DATE
NP-623	4-18-49
NP-683	6-9-49



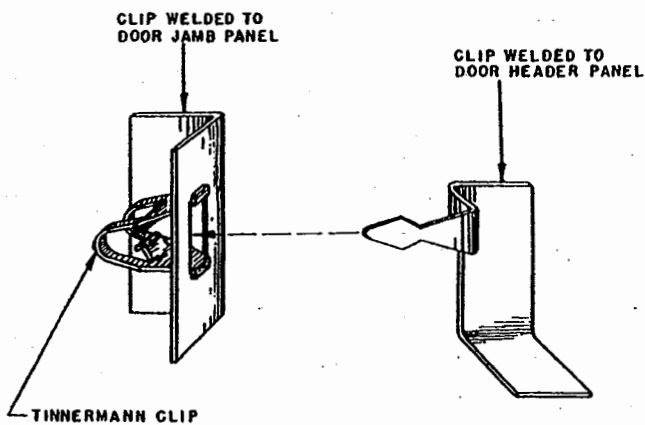
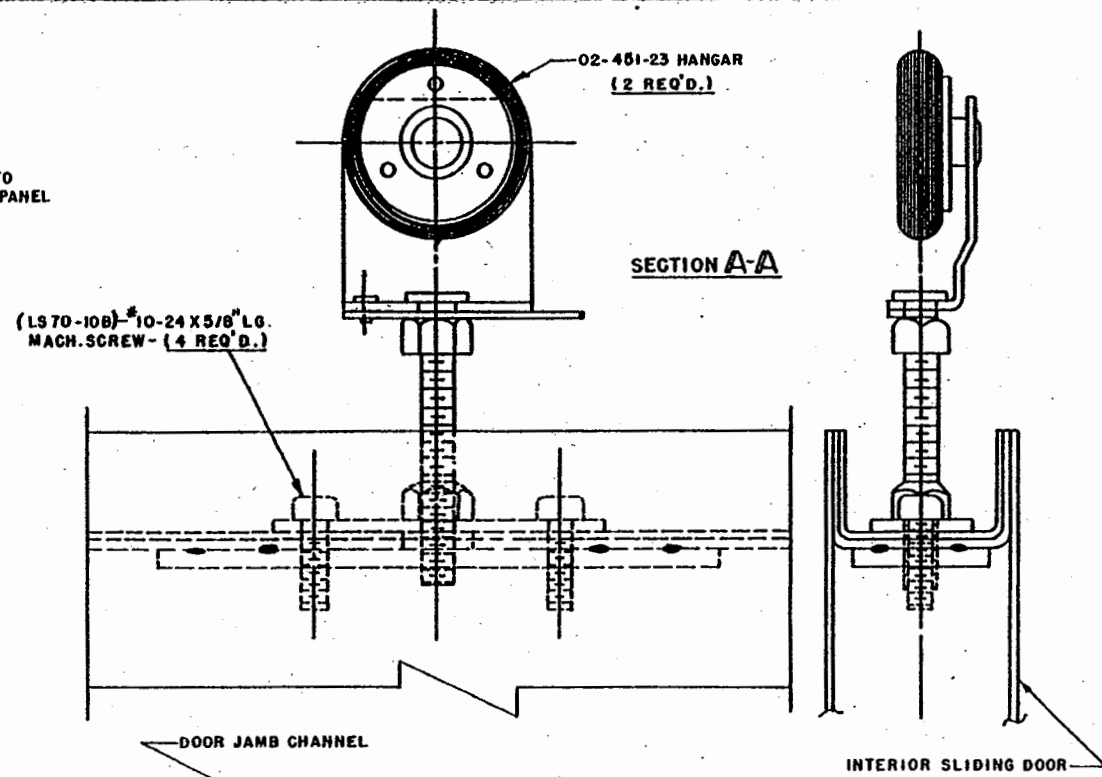
\* NOTE:  
FOR DETAILS A-B-C & SECTION A-A,  
TURN TO PAGE EM-02-M-140.1



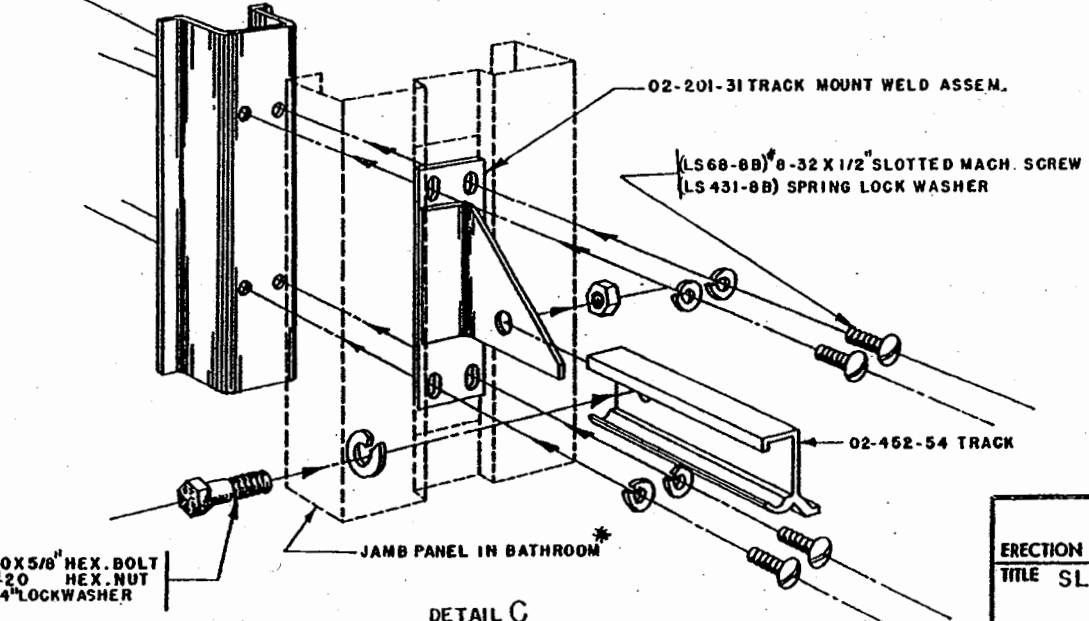
ERECTION		MANUAL
TITLE SLIDING DOOR & HEADER PANEL INSTALLATION		
PREPARED BY R. H. GEYER	DATE 4-15-49	EFF. 511 & SUB.
REVISED BY 6-9-49	(R) W. C. G.	DRAWING NUMBER EM-02-M-130.1



DETAIL A



DETAIL B

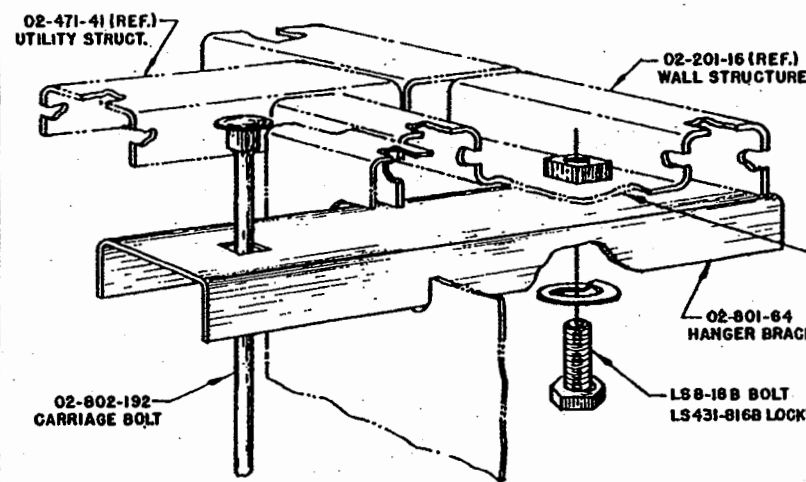


DETAIL C

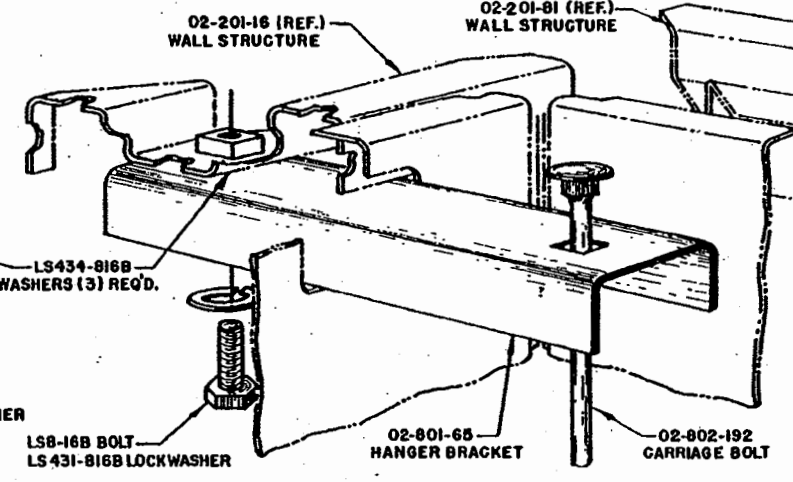
\*NOTE:  
IN BEDROOMS\* 1 & 2, 02-201-31 TRACK WELD ASSEM. IS ATTACHED TO STUD SECTION.



ERECTION	MANUAL	
TITLE SLIDING DOOR & HEADER PANEL INSTALLATION DETAILS.		
PREPARED BY R.H.GEYER	DATE 4-15-49	EFF. 511 & SUB.
		DRAWING NUMBER EM-02-M-140.1



**DETAIL "C"**



**DETAIL "B"**

**PROCEDURE**

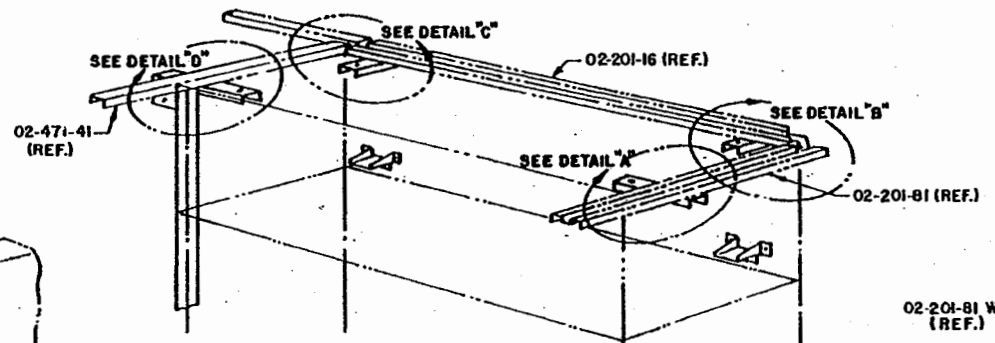
HANGER BRACKETS TO BE ATTACHED THRU SLO'S IN WALL PANELS BEFORE WALL PANELS ARE INSTALLED ON KITCHEN, LIVING & GUEST GLAZED SIDE. PLACE 02-802-192 CARRIAGE BOLTS IN SQUARE HOLES OF EACH HANGER BRACKET BEFORE INSTALLATION.

INSTALL 02-801-64 HANGER BRACKET THRU SLOT IN WALL PANEL AND ATTACH BRACKET TO 02-201-81 WALL STRUCTURE WITH (1) EACH LS8-16B BOLT & LS431-816B LOCKWASHER INTO WELD NUT ON TOP SPACER AND USE (3) LS434-816B FLAT WASHERS AS FILLERS BETWEEN BRACKET & TOP SPACER. SEE DETAIL "A".

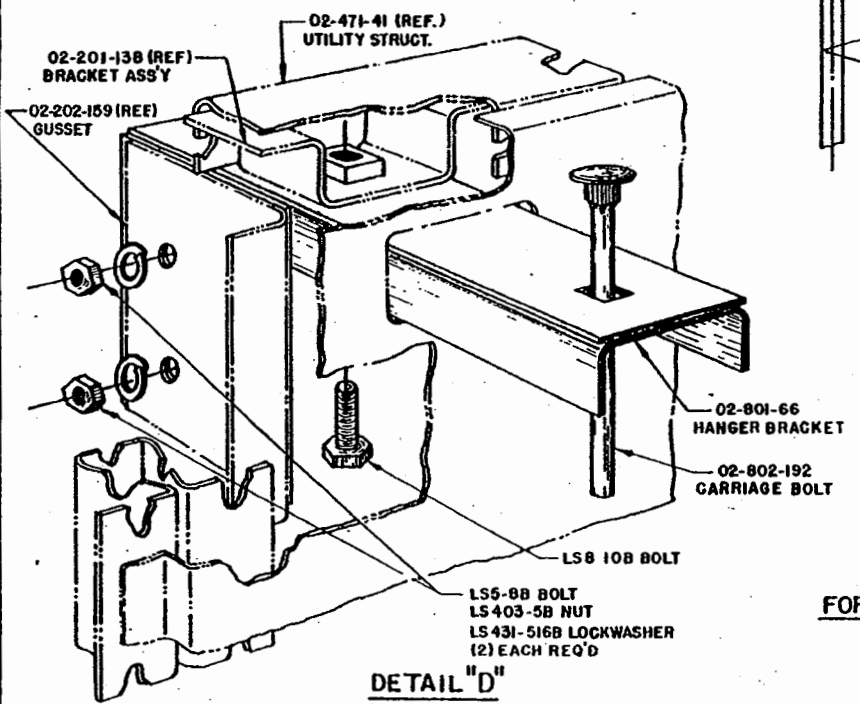
INSTALL 02-801-65 THRU SLOT IN WALL PANEL & ATTACH TO TOP SPACER IN 02-201-16 WALL STRUCTURE WITH (1) EA. LS8-16B BOLT & LS431-816B LOCKWASHER & USE (3) LS434-816B FLAT WASHERS AS FILLERS BETWEEN BRACKET AND TOP SPACER. SEE DETAIL "B".

INSTALL 02-801-64 BRACKET HANGER THRU SLOT IN WALL PANEL & ATTACH TO TOP SPACER IN 02-201-16 WALL STRUCTURE WITH (1) LS8-16B BOLT & LS431-816B LOCKWASHER AND USE (3) LS434-816B FLAT WASHERS AS FILLERS BETWEEN TOP SPACER & BRACKET. SEE DETAIL "C".

INSTALL 02-801-66 HANGER BRACKET THRU SLOT IN WALL PANEL & ATTACH TO TOP SPACER IN 02-471-41 UTILITY STRUCTURE WITH (1) LS8-10B BOLT INTO WELD NUT ON 02-202-130 BRACKET ASS'Y. & (2) EA. LS5-8B BOLT, LS403-5B NUT, & LS431-516B LOCKWASHER INTO 02-202-159 GUSSET. SEE DETAIL "D".

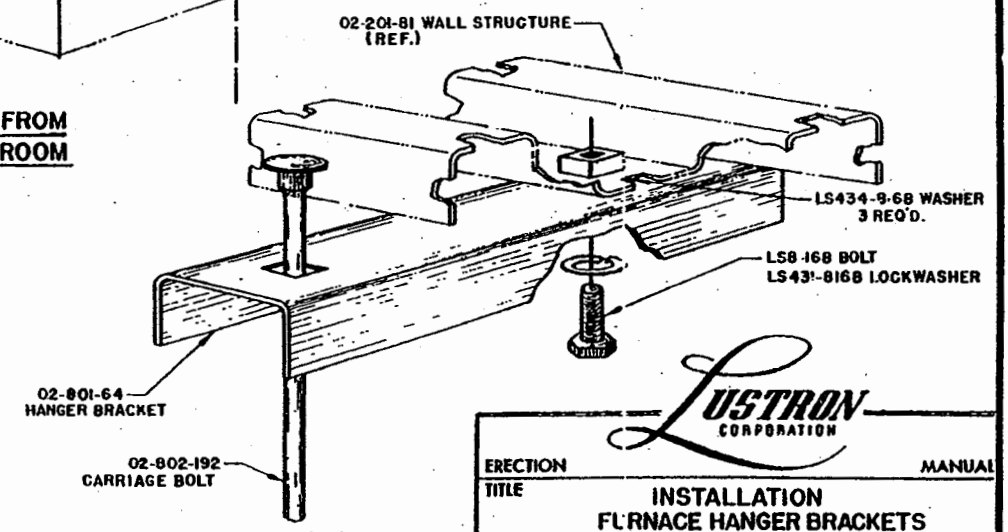


**VIEW LOOKING FROM INSIDE UTILITY ROOM**



**DETAIL "D"**

**FOR GAS OR OIL INSTALLATIONS**



**DETAIL "A"**



ERECTION		MANUAL	
TITLE			
INSTALLATION			
FURNACE HANGER BRACKETS			
PREPARED BY	DATE	EFF.	511 & SUB
G.B.E.	4-14-49		DRAWING NUMBER
			EM-02-N-11.1



RELEASE NO. NP-629	DATE 4-14-49
NP-669	5-17-49

**PROCEDURE**

ATTACH (2) 400-44.62 SEALS AT TOP OF FRONT PANEL 02-802-167 & (2) AT BACK ON BOTTOM PANEL 02-801-82 BEFORE INSTALLATION OF 02-801-73 HEATER CABINET. SEE DETAIL "A". NOTE THAT SEALS AT SIDES OF BOTTOM AND FRONT PANELS ARE TO BE INSTALLED AFTER HEATER CABINET INSTALLATION.

INSTALL 02-801-73 HEATER CABINET ASSEMBLY IN PLACE AND HANG CABINET FROM ENDS OF 02-802-192 CARRIAGE BOLT WITH ONE EACH PER BOLT, 02-932-20 RUBBER WASHER, LS403-6B NUT, & (2) 02-802-129 WASHERS. SEE DETAIL "B".

ATTACH (2) 400-24.00 TO SIDES OF FRONT PANEL 02-802-167 BY ACCESS OF HAND HOLES IN BOTTOM OF CABINET. ATTACH (2) 400-24.00 TO LEFT & RIGHT SIDES ON BOTTOM PANEL 02-801-71 IN ABOVE MANNER. SEE DETAIL "A".

INSTALL 02-801-146 OIL BURNER IN PLACE WITH (6) 1/4-20 BOLTS WHICH ARE SHIPPED IN BURNER MOUNT FASTENED TO HEATER CABINET. REMOVE THESE BOLTS AND ATTACH BURNER. ATTACH 02-801-85 CONDUIT TO BURNER PER WIRING DIAGRAM

ATTACH 02-462-127 ELBOW AND INSTALL 02-801-96 OIL LINE ASSEMBLY. ATTACH 02-802-97 ELBOW AND INSTALL 02-801-95 OIL LINE ASSEMBLY. SLIP ONE EACH LS551-6C GROMMET AROUND OIL LINE ASSEMBLIES 02-801-96 & 02-801-98 AND INSERT INTO 02-802-279 COVER SHIPPED ATTACHED TO 02-311-139 WALL PANEL.

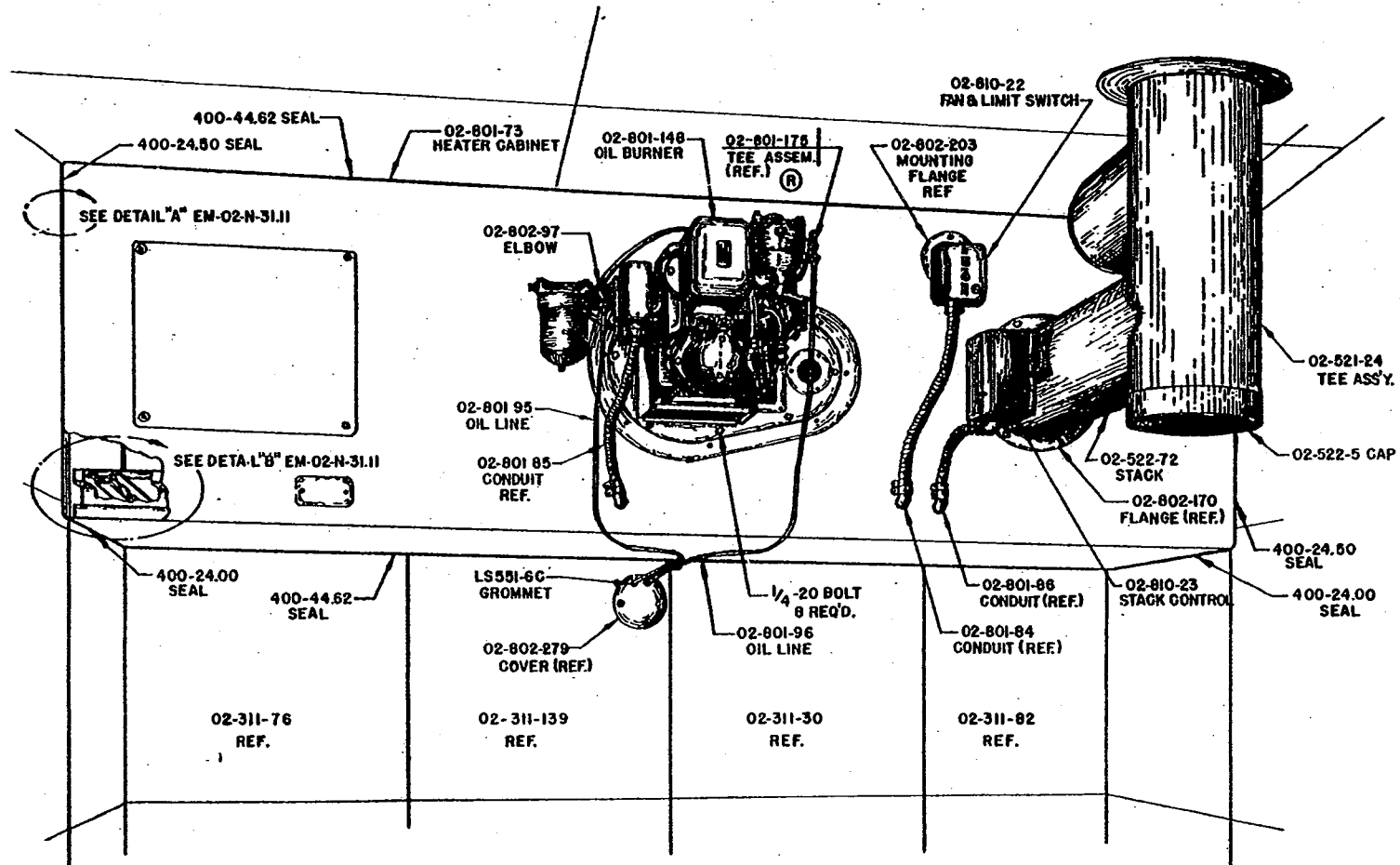
FINISH OUT INSTALLATION OF OIL LINES PER OIL LINE DIAGRAM BY ATTACHING 02-801-50 OIL LINE ASS'Y. TO 02-801-96 AND 02-801-48 OIL LINE ASS'Y. TO 02-801-95. SEE OIL LINE DIAGRAM.

INSTALL 02-810-22 FAN & LIMIT CONTROL SWITCH TO MOUNTING FLANGE 02-802-203 ON 02-801-73 CABINET AND ATTACH 02-801-84 CONDUIT TO BOX PER WIRING DIAGRAM.

SLIP 02-521-24 TEE ASS'Y. OVER BOTTOM OF FLUE 02-522-1 AND ATTACH WITH (2) LS244-10B SCREWS. INSERT 02-522-72 STACK THRU 02-802-170 FLANGE AND OTHER END INTO 02-521-24 FLUE ASS'Y. AND ATTACH WITH (2) LS244-10B SCREWS. INSTALL 02-522-5 CAP OVER BOTTOM OF 02-521-24 STACK AND FASTEN WITH (4) LS244-10B SCREWS.

ATTACH 02-810-23 STACK CONTROL TO MOUNTING FLANGE ATTACHED TO 02-522-72 STACK AND CONNECT 02-801-86 CONDUIT FASTENED TO HEATER CABINET TO CONTROL BOX PER WIRING DIA

INSTALL 02-810-19 THERMOSTAT TO WALL PANEL 02-311-149 IN LIVING ROOM (SEE DWG. NO. EM-02-M-4L1) AND CONNECT TO HEATER PER WIRING DIAGRAM.



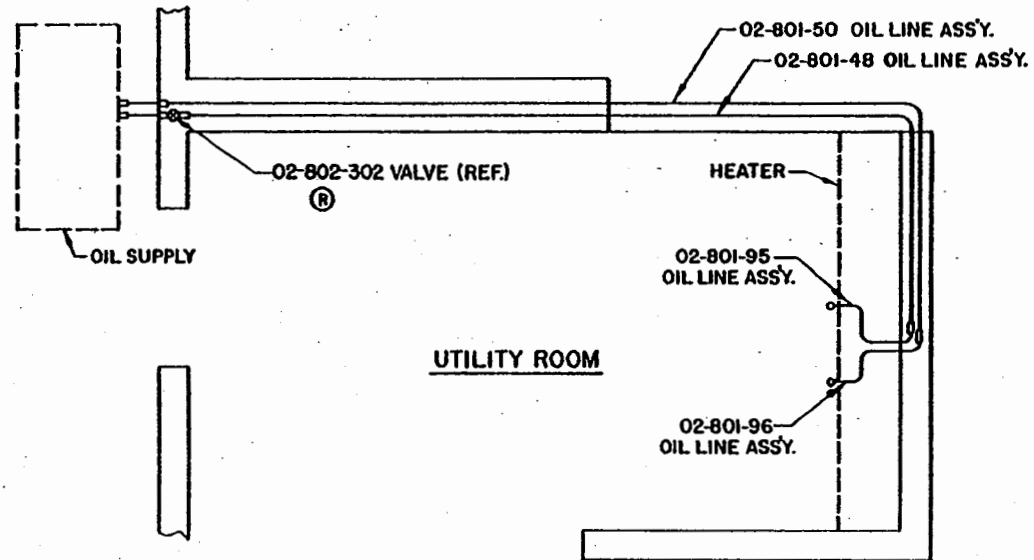
**VIEW-REAR WALL UTILITY ROOM  
SHOWING FURNACE INSTALLATION**

SEE EM-02-N-31.II FOR OIL LINE DIAGRAM  
SEE EM-02-N-40.I2 FOR WIRING DIAGRAM  
SEE EM-02-N-31.II FOR DETAILS

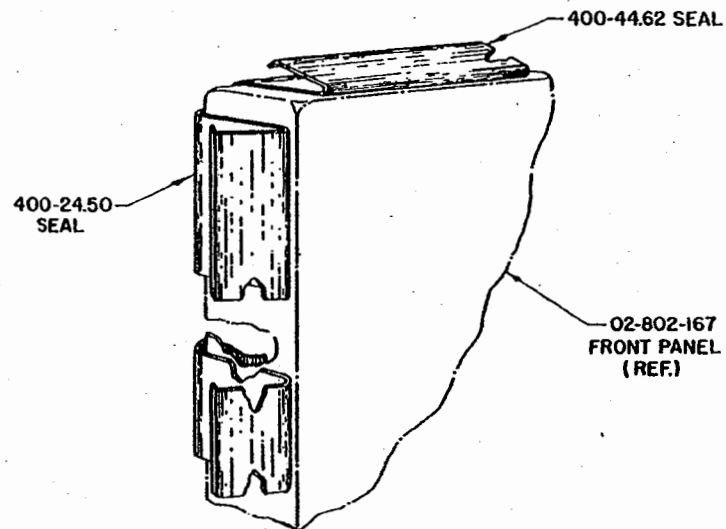


ERECTION		MANUAL	
TITLE <b>INSTALLATION OIL FURNACE</b>			
PREPARED BY G.B.E.	DATE 4-14-49	EFF. 511 & SUB	
REVISOR R.L.S.	DATE 5-17-49	DRAWING NUMBER <b>EM-02-N-31.I</b>	

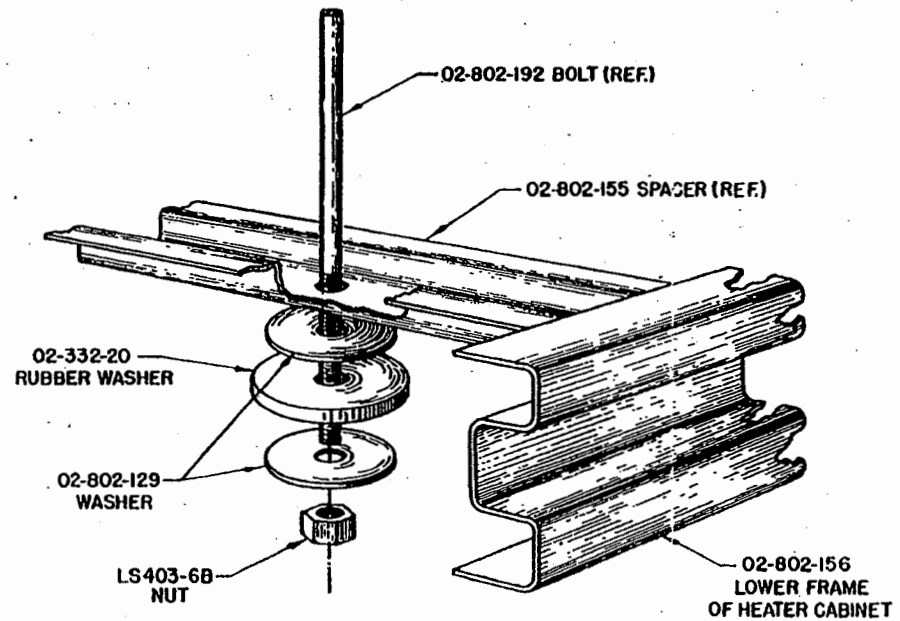
RELEASE NO.	DATE
NP-629	4-14-49
NP-669	5-17-49



OIL LINE DIAGRAM



DETAIL "A"  
 TYPICAL INSTALLATION OF SEAL



DETAIL "B"  
 TYPICAL FOR HANGE RODS  
 HEATER CABINET PANELS NOT SHOWN

FOR GAS OR OIL INSTALLATIONS



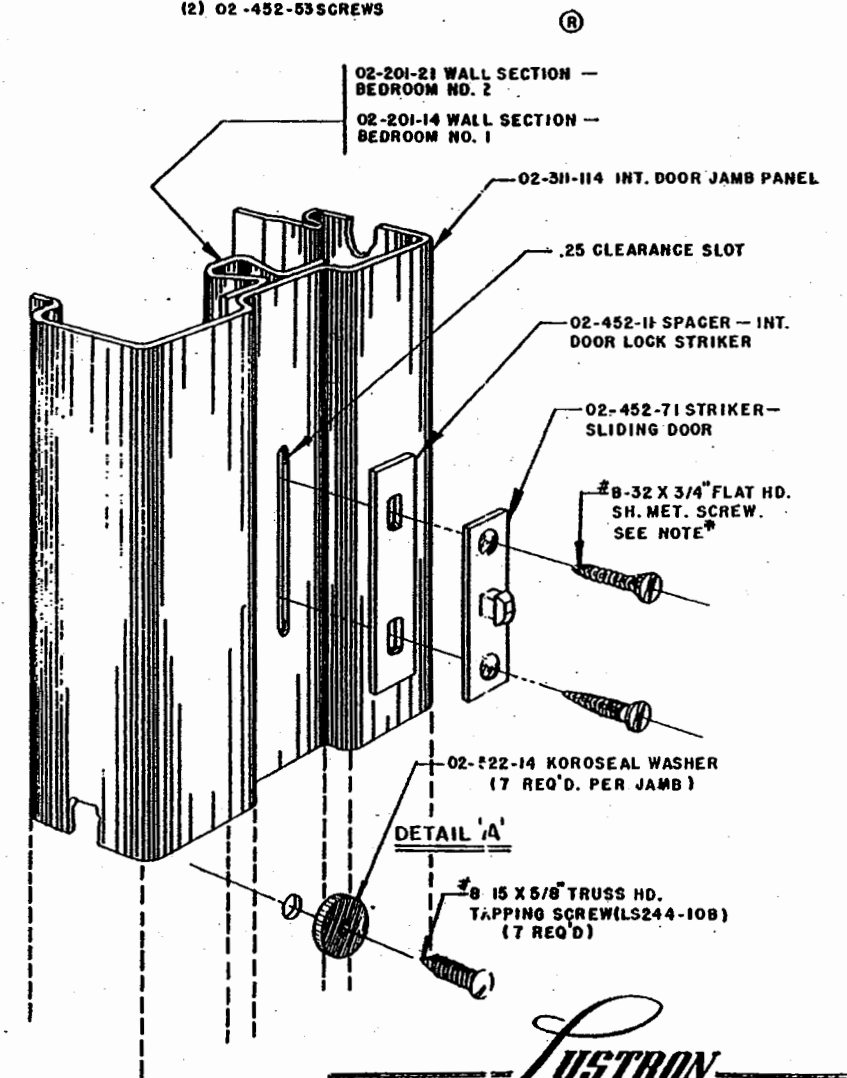
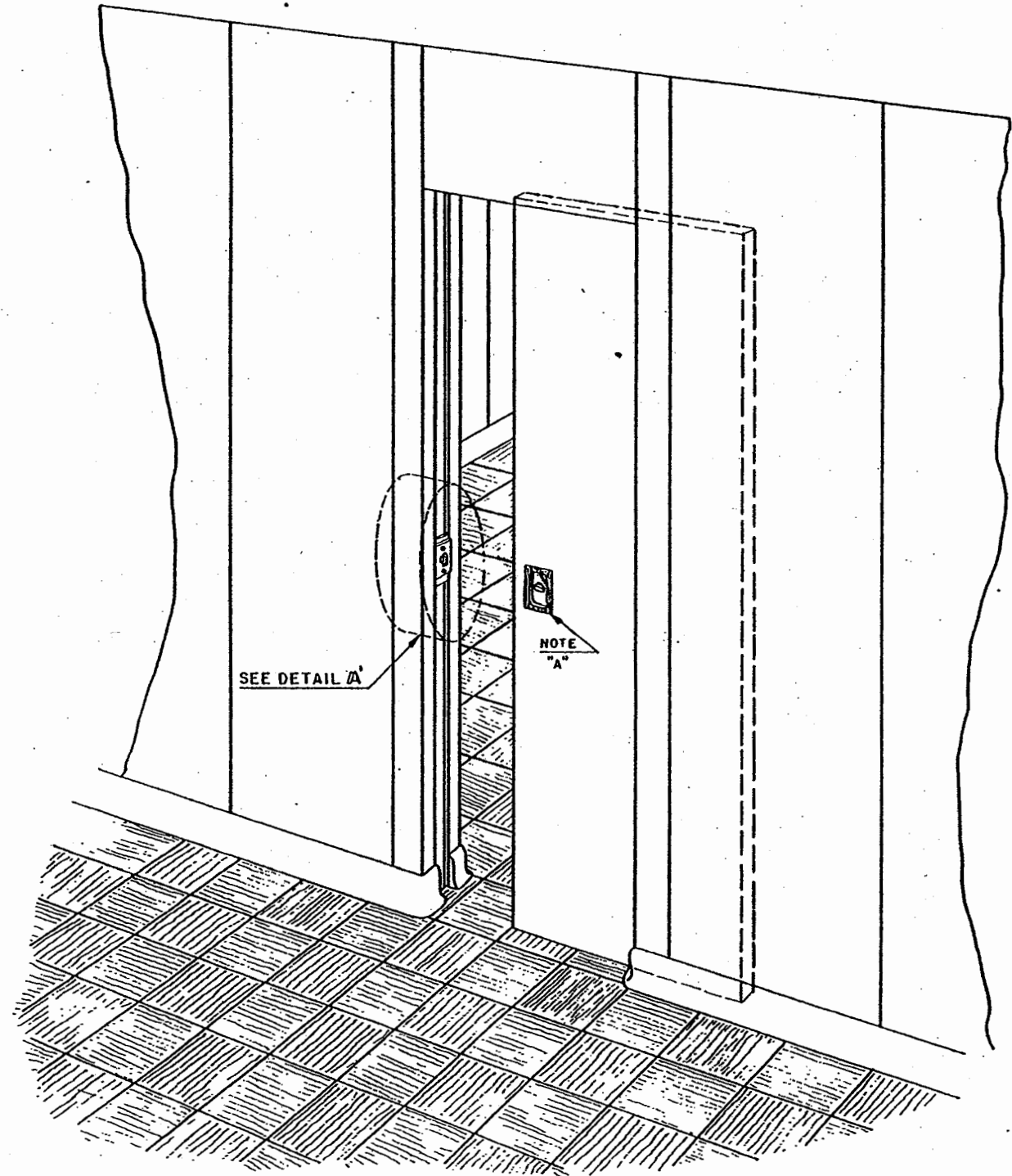
ERECTION		MANUAL	
TITLE INSTALLATION FURNACE DETAILS AND OIL LINE DIAGRAM			
PREPARED BY G.B.E.	DATE 4-14-49	EFF. 511 & SUB	
REVISOR R.L.S.	DATE 5-17-49	DRAWING NUMBER EM-02-N-31.11	



RELEASE NO.	DATE
NP-623	4-18-49
NP-683	6-9-49

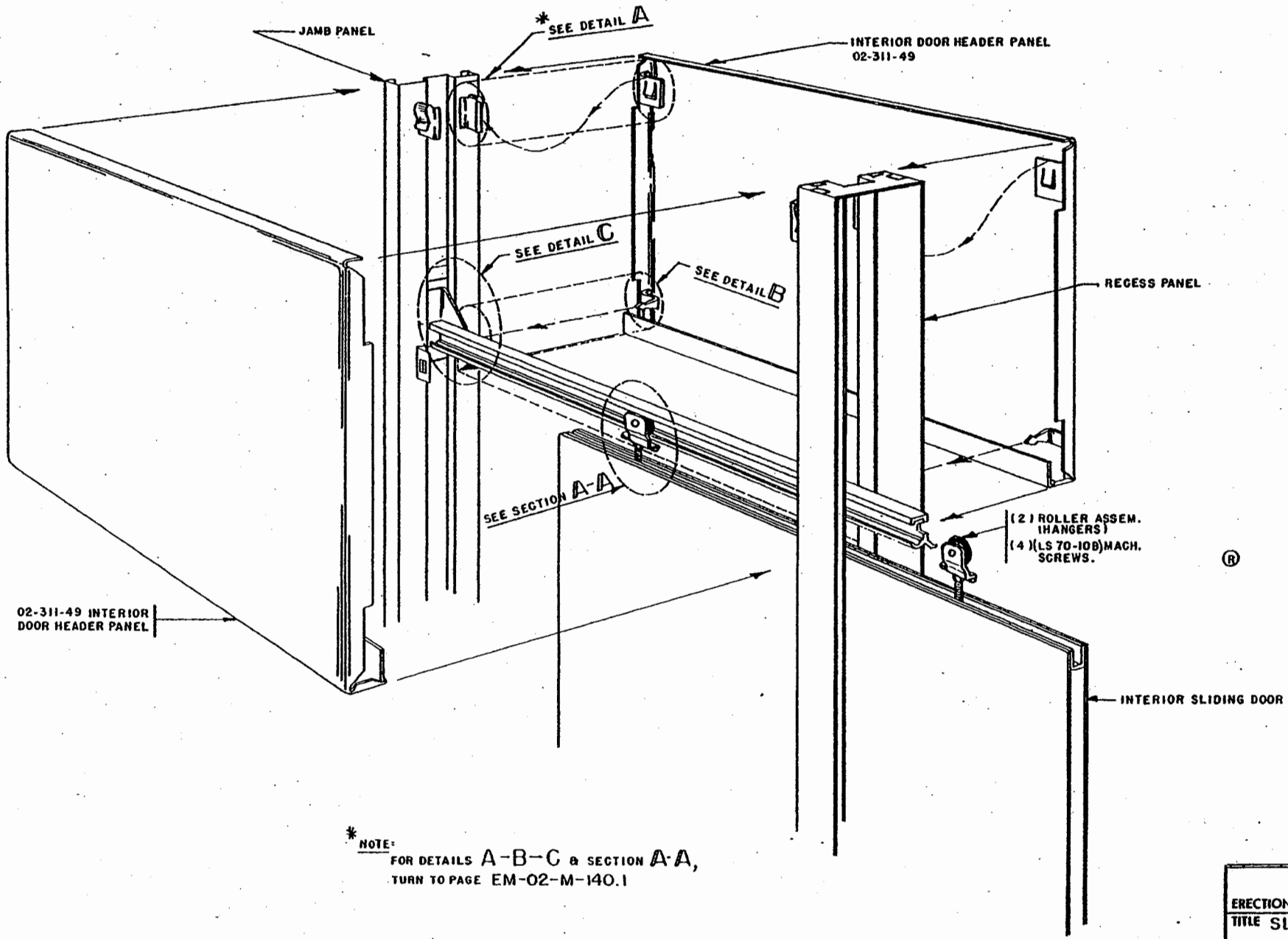
NOTE "A"  
BRASS ESCUTCHEONS USED ON BOTH SIDES OF BEDROOM DOORS.

- NOTE \*  
(1) 02-452-11 SPACER  
(1) 02-452-71 STRIKER PLATE  
(2) 02-452-53 SCREWS



ERECTION	MANUAL	
TITLE	BEDROOMS - DOOR JAMB & STRIKER INSTALLATION	
PREPARED BY	DATE	EFF. 511 THRU 4000
R. H. GEYER	4-4-49	DRAWING NUMBER
REVISED (R)	BY	EM-02-M-120.1
6-9-49	W. G. G.	

RELEASE NO.	DATE
NP-623	4-18-49
NP-663	6-9-49



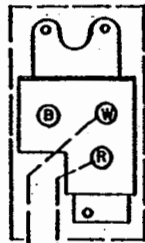
02-311-49 INTERIOR DOOR HEADER PANEL

\*NOTE: FOR DETAILS A-B-C & SECTION A-A, TURN TO PAGE EM-02-M-140.1

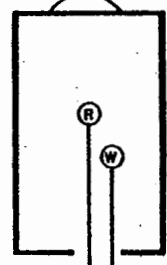


ERECTION		MANUAL
TITLE SLIDING DOOR & HEADER PANEL INSTALLATION		
PREPARED BY R. H. GEYER	DATE 4-15-49	EFF. 511 & SUB.
REVISED (B) 6-9-49	BY W. C. G.	DRAWING NUMBER EM-02-M-130.1

02-810-26  
MINN-HONEYWELL THERMOSTAT  
TYPE T-II-A

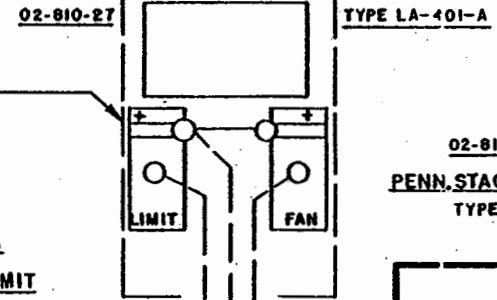


02-810-19  
PENN. THERMOSTAT  
TYPE-W 870-A0-1C  
MODEL-1015 A

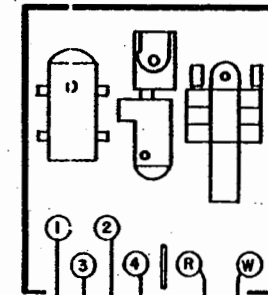


**ALTERNATES**  
WHEN MINN-HONEYWELL CONTROLS  
ARE DESIRED.

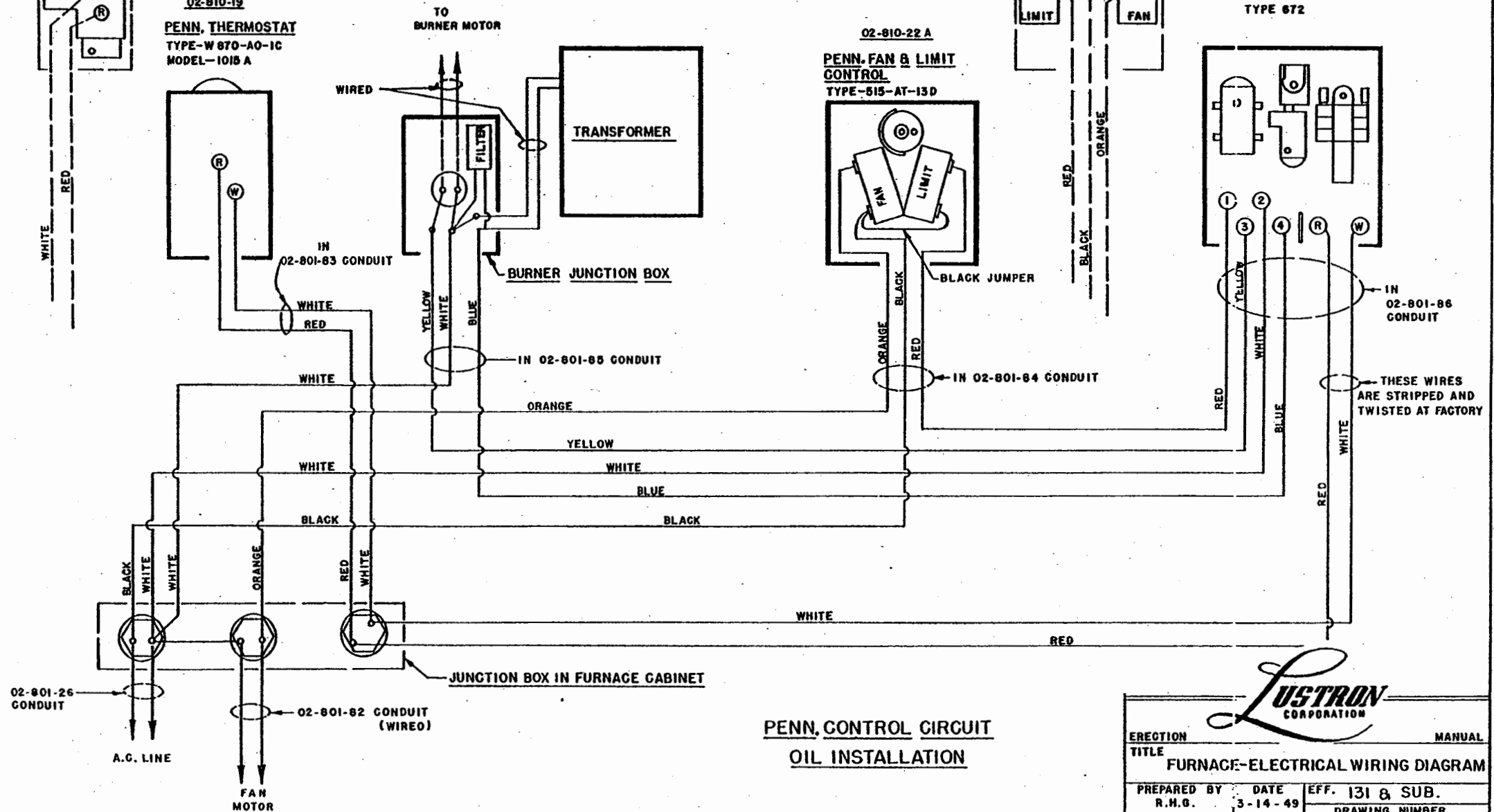
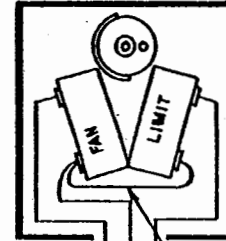
MINN-HONEYWELL FAN & LIMIT FURNACE CONTROL



02-810-23A  
PENN. STACK CONTROL  
TYPE 672



02-810-22 A  
PENN. FAN & LIMIT  
CONTROL  
TYPE-515-AT-13D

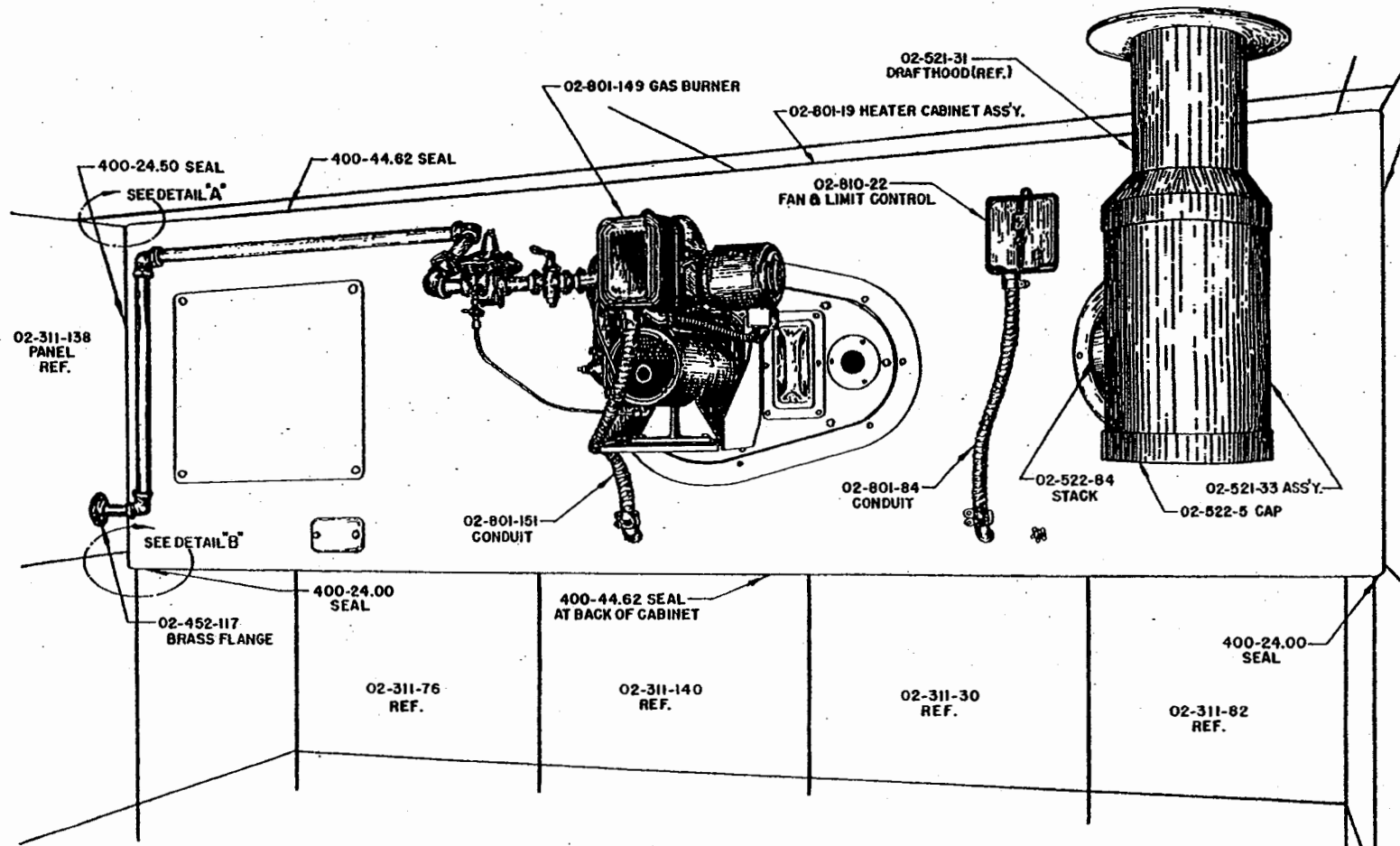


**PENN. CONTROL CIRCUIT  
OIL INSTALLATION**



ERECTION TITLE	MANUAL
FURNACE-ELECTRICAL WIRING DIAGRAM	
PREPARED BY R.H.G.	DATE 3-14-49
EFF. 131 & SUB.	
DRAWING NUMBER	
EM-02-N-40.12	

RELEASE NO.	DATE
NP-629	4-14-49
NP-692	6-17-49



**VIEW-REAR WALL UTILITY ROOM  
SHOWING FURNACE INSTALLATION**

**PROCEDURE**

ATTACH (2) 400-44.62 SEALS AT TOP OF FRONT PANEL 02-802-167 & (2) AT BACK ON BOTTOM PANEL 02-804.62 BEFORE INSTALLATION OF 02-801-19 HEATER CABINET. SEE DETAIL "A" ON DWG. NO. EM-02-N-31.II. NOTE THAT SEALS AT BOTTOM & FRONT SIDES TO BE INSTALLED AFTER HEATER CABINET INSTALLATION.

INSTALL 02-801-19 HEATER CABINET ASS'Y. IN PLACE AND HANG CABINET FROM ENDS OF 02-802-192 CARRIAGE BOLT WITH ONE EACH PER BOLT, 02-332-20 RUBBER WASHER, LS403-6B NUT & (2) 02-802-129 WASHER. SEE DETAIL "B" ON EM-02-N-31.II.

ATTACH (2) 400-24.50 SEAL TO SIDES OF FRONT PANEL 02-802-167 BY ACCESS OF HAND HOLES IN BOTTOM OF CABINET. ATTACH (2) 400-24.00 SEAL TO LEFT & RIGHT SIDES ON BOTTOM PANEL 02-801-82 IN ABOVE MANNER SEE DETAIL "A" ON EM-02-N-31.II.

INSTALL 02-801-149 GAS BURNER ASS'Y. WITH RETORT SHIELD HOUSING ATTACHED INTO 02-801-19 HEATER CABINET WITH 8-1/4 20 BOLTS WHICH ARE SHIPPED IN BURNER MOUNT FASTENED TO HEATER CABINET. REMOVE THESE BOLTS AND INSTALL BURNER WITH SAME. ATTACH 02-801-151 CONDUIT TO BURNER PER WIRING DIA. ATTACH GAS PIPE FROM BURNER TO ELBOW IN SERVICE WALL.

INSTALL 02-452-117 BRASS FLANGE AROUND GAS PIPE TO COVER ACCESS HOLE IN 02-311-138 WALL PANEL. PIPES FROM WALL TO PRESSURE REGULATOR ON BURNER TO BE FURNISHED IN FIELD TO SUIT LOCAL REQUIREMENTS.

ATTACH 02-810-22 FAN & LIMIT CONTROL SWITCH TO MOUNTING FLANGE 02-802-203 ON 02-801-19 CABINET AND ATTACH 02-801-84 CONDUIT TO BOX PER WIRING DIAGRAM

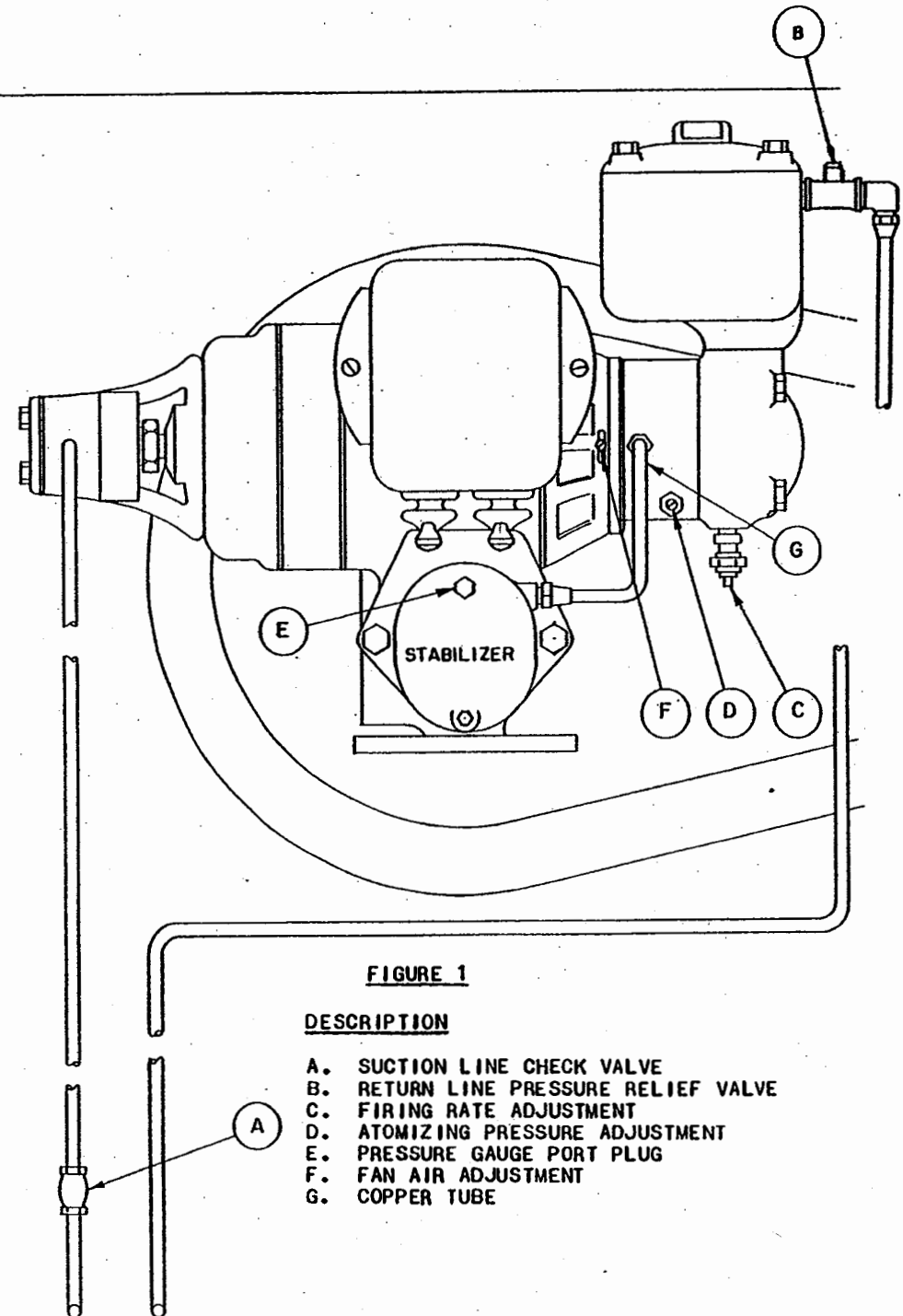
INSERT 02-522-84 STACK INTO 02-521-33 WELD ASSY. AND ATTACH WITH (2) LS244-10B SCREWS. SLIP END OF 02-522-84 STACK THRU 02-802-170 FLANGE. THEN INSERT TOP OF 02-521-33 WELD ASSY. INTO 02-521-31 WELD ASSY. AND FASTEN WITH (2) LS244-10B SCREWS. ATTACH 02-522-5 CAP TO BOTTOM OF 02-521-33 WELD ASSY. AND FASTEN WITH (2) LS244-10B SCREWS.

INSTALL 02-810-19 THERMOSTAT TO WALL PANEL 02-311-149 IN LIVING (SEE DWG. NO. EM-02-N-71.1) AND CONNECT TO HEATER PER WIRING DIAGRAM. (R)

SEE EM-02-N-40.II FOR WIRING DIAGRAM  
SEE EM-02-N-31.II FOR DETAILS



ERECTION		MANUAL	
TITLE <b>INSTALLATION GAS FURNACE</b>			
PREPARED BY G.D.E.	DATE 4-14-49	EFF. <b>511 &amp; SUB</b>	
REVISED 6-17-49	BY W.C.G.	DRAWING NUMBER <b>EM-02-N-51.1</b>	



**FIGURE 1**

**DESCRIPTION**

- A. SUCTION LINE CHECK VALVE
- B. RETURN LINE PRESSURE RELIEF VALVE
- C. FIRING RATE ADJUSTMENT
- D. ATOMIZING PRESSURE ADJUSTMENT
- E. PRESSURE GAUGE PORT PLUG
- F. FAN AIR ADJUSTMENT
- G. COPPER TUBE

**STARTING AND ADJUSTING INSTRUCTIONS FOR THE WILLIAMS OIL-O-MATIC LUSTRON OIL BURNER**

WHEN THE INSTALLATION OF THE BURNER HAS BEEN COMPLETED, BURNER CAN BE STARTED BY FOLLOWING THESE INSTRUCTIONS:

**EQUIPMENT NECESSARY FOR TESTING FURNACE UNIT AFTER INSTALLATION**

1. GRADUATED 1 PINT MEASURE CAN, OR GRADUATED CYLINDER
2. CO<sub>2</sub> TESTING KIT
3. LOW PRESSURE GAUGE
4. DRAFT GAUGE
5. WATCH

**BURNER START**

BEFORE ATTEMPTING TO START THE BURNER, CAREFULLY INSPECT ALL PIPE CONNECTIONS FOR LEAKS. OIL WILL NOT REACH THE BURNER IF THE OIL SUPPLY LINE IS NOT AIR TIGHT FROM TANK TO BURNER - ANY LEAK IN THIS LINE WILL CAUSE STARVING OUT. MAKE SURE THAT VALVES "A" AND "B" ARE CORRECTLY INSTALLED.

CHECK THE METERING PUMP ADJUSTING SCREW "C" TO BE SURE IT IS TURNED, CLOCKWISE, ALL THE WAY IN. THE MAXIMUM FIRING RATE SHOULD BE APPROXIMATELY .75 GALLONS PER HOUR.

REMOVE PIPE PLUG "E" FROM THE STABILIZER HOUSING AND INSERT A LOW PRESSURE GAUGE.

SET THE AUTOMATIC DRAFT REGULATOR TO OBTAIN MAXIMUM DRAFT FOR STARTING THE BURNER. (CLOSED POSITION)

OPEN THE HAND OPERATED LINE SWITCH. SET THE THERMOSTAT AT RUNNING POSITION. (HIGHER THAN ROOM TEMPERATURE)

SET THE FAN AIR ADJUSTMENT "F" IN THE CLOSED POSITION; TOO MUCH AIR TENDS TO BLOW THE FIRE OUT ON STARTING.

THE STARTING TIME WILL BE REDUCED BY POURING 1/2 CUP OF FUEL OIL INTO THE STABILIZER BEFORE ATTEMPTING TO START THE BURNER. THE OIL MAY BE Poured THROUGH PORT "E" OR THROUGH THE COPPER TUBE "G".

CAUTION: MORE THAN 1/2 CUP OF FUEL OIL WILL CAUSE A HEAVY PULSATING FIRE WHEN THE BURNER STARTS.

( CONTINUED ON PAGE EM-02-N-61.1 )

**THIS PAGE SUPERSEDES EM-02-N-60.1 AT HOUSE NO. 776.**



ERECTION		MANUAL
TITLE STARTING & ADJUSTING INSTRUCTIONS-WILLIAMS OIL-O-MATIC OIL BURNER		
PREPARED BY G.E.	DATE 7-27-49	EFF. 776 & SUB
		DRAWING NUMBER EM-02-N-60.11



STARTING & ADJUSTING INSTRUCTIONS - CONTINUED

CLOSE THE HAND OPERATED LINE SWITCH TO START THE BURNER. IF THE BURNER DOES NOT LIGHT THE PRIMARY CONTROL (STACK CONTROL) WILL CAUSE A SHUT DOWN, WAIT FIVE MINUTES; RESET THE PRIMARY CONTROL AND REPEAT THE START.

BURNER ADJUSTMENT

ONCE A STEADY FLAME HAS BEEN ESTABLISHED THE BURNER MAY THEN BE ADJUSTED TO OPERATE AT MAXIMUM EFFICIENCY.

THE FIRST STEP IN ADJUSTMENT SHOULD BE TO SET THE ATOMIZING PRESSURE AT NOT LESS THAN 1½ POUNDS AND NOT MORE THAN 1½ POUNDS FOR #3 FUEL OIL. TURN THE ATOMIZING PRESSURE ADJUSTING SCREW "E" CLOCKWISE TO INCREASE THE PRESSURE AND COUNTER-CLOCKWISE TO DECREASE THE PRESSURE. TOO HIGH PRESSURE IN THE ATOMIZER WILL CAUSE PULSATIIONS. TOO LOW PRESSURE WILL CAUSE NOZZLE DRIPPING.

DRAFT - IN THE AVERAGE INSTALLATION, THE DRAFT REGULATOR SHOULD BE ADJUSTED TO AFFORD A DRAFT OF NOT LESS THAN .02 AND NOT MORE THAN .04 OF AN INCH OF WATER IN THE FLUE.

IF THE DRAFT IS TOO GREAT, A LARGE EXCESS OF AIR IS DRAWN THROUGH THE COMBUSTION CHAMBER AND THE EFFICIENCY OF COMBUSTION IS REDUCED BECAUSE OF HEAT CARRIED UP THE STACK BY THIS EXCESS AIR.

CHECK SECONDARY AIR SETTING BY A CO<sub>2</sub> TEST OF THE FLUE GASES. FOR EFFICIENT BURNER OPERATION, FLUE GAS ANALYSIS SHOULD BE 9% CO<sub>2</sub>.

CAUTION: SEVERAL MINUTES ARE REQUIRED FOR THE BURNER ADJUSTMENTS TO BECOME FULLY EFFECTIVE, THEREFORE ALLOW AT LEAST THREE TO FIVE MINUTES BEFORE MAKING ANY FURTHER CHANGE.

THE FLAME IS NOT VISIBLE FROM THE SIGHT GLASS ON THE LUSTRON FURNACE UNIT. THE FLAME IS COVERED BY THE STAINLESS STEEL COMBUSTION CHAMBER AND ONLY REFLECTED HEAT MAY BE SEEN.

DO NOT EXPECT THE STAINLESS STEEL COMBUSTION CHAMBER TO SHOW BRIGHT COLOR WHEN HOT. WHEN THE BURNER IS OPERATING AT NOT MORE THAN .75 GALLONS PER HOUR, WITH THE AIR CORRECTLY ADJUSTED, THE COMBUSTION CHAMBER BECOMES A DULL CHERRY RED. IF THERE IS ERRATIC OPERATION OF THE BURNER OR AN INABILITY TO MAKE THE SECONDARY AIR ADJUSTMENT FOR 9% CO<sub>2</sub> THEN IT WILL BE NECESSARY TO MAKE A CALIBRATION OF THE BURNER FUEL RATE. THE PROCEDURE IS AS FOLLOWS:

VOLUMETRIC CALIBRATION OF FUEL CONSUMPTION

RELEASE NO. NP-680 DATE 6-10-49

PROCEDURE - SEE FIGURE 2

1. SHUT OFF ELECTRIC CURRENT TO BURNER.
2. REMOVE BRASS VENT PLUG ON TOP OF BURNER OIL VALVE, LIFT OUT VALVE SPRING AND VALVE. REPLACE BRASS VENT PLUG.
3. DISCONNECT OIL LINE BETWEEN PRESSURE ROTOR AND DIFFUSOR FLOAT HOUSING AT THE FLOAT HOUSING. PLACE MEASURING CAN IN POSITION NEAR BURNER SO IT WILL CATCH OIL COMING FROM OIL LINE AS IN FIGURE #2.
4. PLACE JUMPER WIRE IN STACK SWITCH FROM MOTOR POST TO HOT LINE-POST #1 TO #3.
5. START BURNER AND CHECK TIME REQUIRED TO FILL MEASURING CUP TO TOP LINE - THE ONE PINT MARK.
6. DETERMINE FIRING RATE FROM CHART BELOW, (RECOMMENDED RANGE FOR FULL RATE: .60 G.P.H - MIN. ---- .75 G.P.H - MAX.)

GALLONS PER HOUR	TIME FOR ONE PINT	
.50	1/2 .....	15 MIN.
.60	.60 .....	12 MIN., 13 SEC. ....
	OR	
.75	3/4 .....	10 MIN.- .....
1.00	1 .....	7 MIN., 30 SEC.

BURNER OPERATING RANGE

ADJUST THE METERING PUMP ADJUSTING SCREW CLOCKWISE FOR MORE OIL "IN-PUT", OR COUNTER-CLOCKWISE FOR LESS OIL "IN-PUT"

INSPECTION OF THE FLAME CAN BE MADE THROUGH THE OPENINGS FOR THE HI-TENSION CABLE IN THE STABILIZER WITHOUT REMOVING THE CABLE.

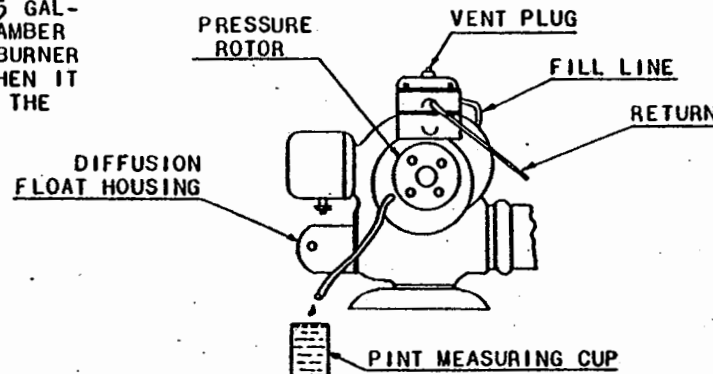
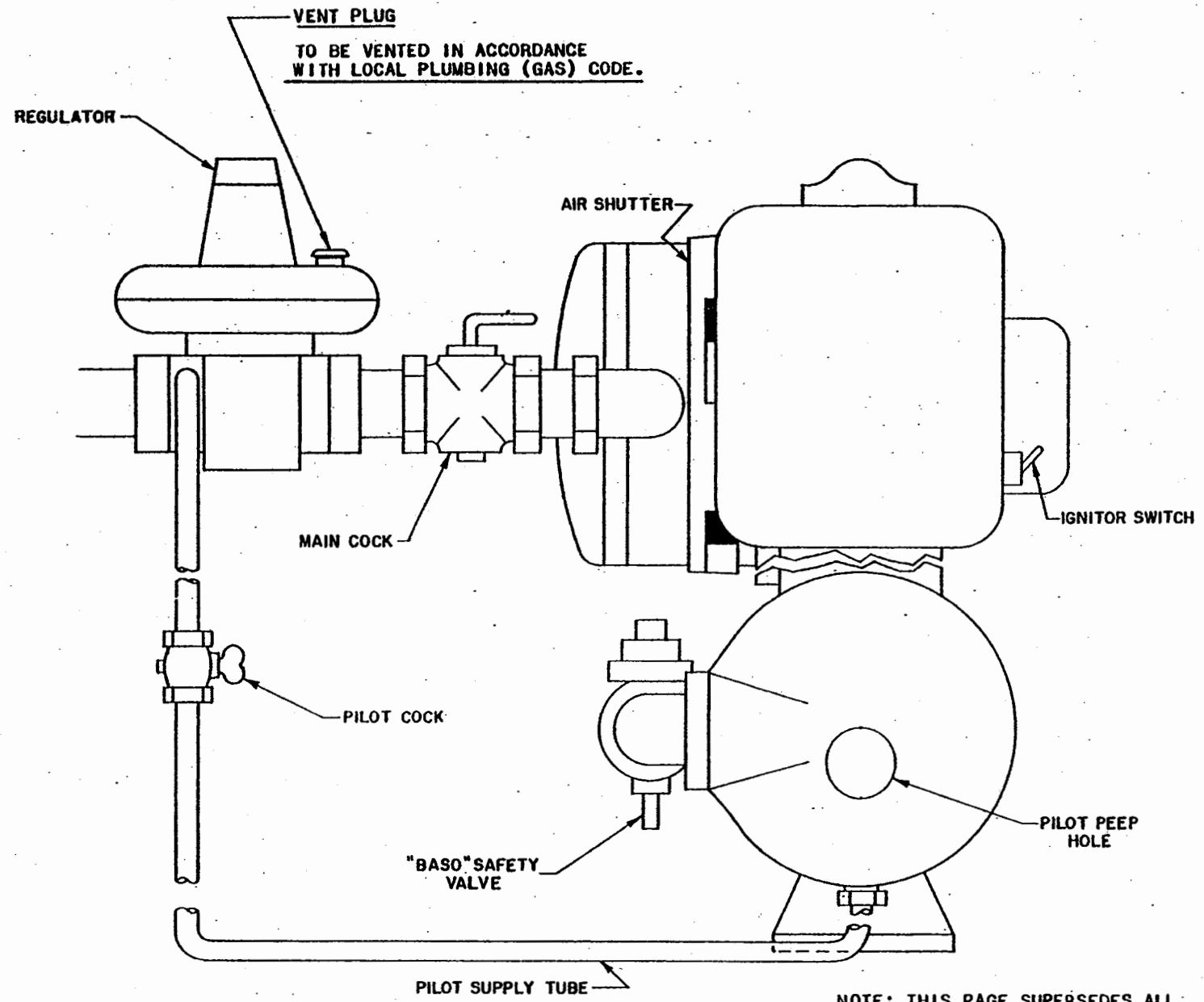


FIGURE #2

NOTE: THIS PAGE SUPERSEDES ALL PREVIOUS SERVICE INSTRUCTIONS FOR STARTING & ADJUSTING OF OIL BURNER.



ERECTION	MANUAL	
TITLE	STARTING & ADJUSTING INSTRUCTIONS-WILLIAMS OIL-O-MATIC OIL BURNER	
PREPARED BY	DATE	EFF
REL	5-31	SEE NOTE
		DRAWING NUMBER
		EM-02-N-611



**NOTE:** THIS PAGE SUPERSEDES ALL PREVIOUS SERVICE INSTRUCTIONS FOR STARTING & ADJUSTING OF GAS BURNER.

SEE PAGE EM-02-N-66.1 FOR STARTING & ADJUSTING INSTRUCTIONS.



ERECTION	MANUAL	
TITLE STARTING & ADJUSTING INSTRUCTIONS WILLIAMS GAS-O-MATIC-GAS BURNER.		
PREPARED BY REL	DATE 6-9	EFF. SEE NOTE
		DRAWING NUMBER EM-02-N-65.1

**WILLIAMS GASOMATIC BURNER  
INITIAL START UP AND ADJUSTMENT**

AFTER THE INSTALLATION IS MADE IT SHOULD BE CHECKED TO SEE THAT IT IS IN GOOD ORDER AND READY FOR OPERATION. THE INITIAL START UP FOLLOWS:

1. CHECK THE PIPING FOR LEAKS. A QUICK WAY TO DO THIS IS TO CLOSE THE BURNER HAND VALVE AND PILOT COCK, THEN TURN ON THE GAS PRESSURE TO THE GAS SUPPLY LINE AND OBSERVE THE METER TEST DIAL, THERE SHOULD BE NO MOVEMENT OF THE DIAL HAND FOR AT LEAST FIVE MINUTES ON A HALF FOOT DIAL. (PROPORTIONATELY LONGER ON LARGER DIALS.) ALL OTHER GAS APPLIANCES MUST OF COURSE BE COMPLETELY SHUT OFF DURING THIS TEST. IF A LEAK IS DETECTED IT SHOULD BE LOCATED WITH A SOAP SUDS TEST AND CORRECTIONS MADE.

2. FOR NATURAL AND MIXED GASES THE GAS PRESSURE IN LINE MUST BE BETWEEN A LOW LIMIT OF 1/4" OF WATER COLUMN OR 2-1/2 OUNCES PER SQUARE INCH. LOW LIMIT FOR MANUFACTURED GASES SHOULD BE AT LEAST 3-1.2" OR 2 OUNCES. HIGH LIMIT OF 10" WATER OR 6 OUNCES ON EITHER GAS. LINE PRESSURE SHOULD BE CHECKED AND IF OTHER THAN THE ABOVE FIGURES, IT SHOULD BE CORRECTED OR THE LOCAL GAS COMPANY CONTACTED.

3. PURGE THE GAS LINE BY DISCONNECTING THE PILOT TUBING AND ALLOWING THE AIR TO ESCAPE INTO THE ATMOSPHERE UNTIL GAS STARTS TO ISSUE FROM THE PILOT CONNECTION. RECONNECT THE PILOT. DO NOT PURGE THE GAS LINE INTO THE COMBUSTION CHAMBER.

4. MAKE SURE THAT THE MAIN HAND COCK AND PILOT COCK ARE BOTH TURNED OFF. SET LIMIT SWITCH AT 250 DEGREES AND THERMOSTAT ABOVE ROOM TEMPERATURE. TURN ON AND CHECK TO SEE THAT MOTOR RUNS AND THEN TURN THERMOSTAT DOWN AND SWITCH OFF.

5. BEFORE STARTING, SET THE AIR SHUTTER RING SO THAT THE SLOT ON THE TOP SIDE MEASURES ABOUT 1/2" OPEN, THEN TAKE CAP OFF REGULATOR AND SET THE SCREW AS FOLLOWS:

FOR NATURAL GAS-1000 BTU - 3/8" TO 7/16" FROM TOP

FOR MIXED GAS - 800 BTU - 11/16"

FOR MANUFACTURED GAS - 500 BTU - 5/8" TO 11/16"

THESE ARE APPROXIMATE SETTINGS FOR 80,000 BTU AND MAY HAVE TO BE CORRECTED AFTER BURNER IS RUNNING.

6. TURN ON THE MAIN LINE SWITCH AND SET THE ROOM THERMOSTAT ABOVE ROOM TEMPERATURE. LET THE MOTOR RUN FOR AT LEAST FIVE MINUTES TO PURGE THE COMBUSTION CHAMBER.

7. SET THE THERMOSTAT BELOW ROOM TEMPERATURE TO STOP MOTOR.

8. OPEN THE PILOT COCK AND DEPRESS IGNITER SWITCH ON THE RELAY UNTIL THE PILOT LIGHTS. THE PILOT CAN BE OBSERVED THROUGH THE PEEP GLASS IN THE REAR OF THE BURNER HOUSING. THIS OPERATION MAY HAVE TO BE REPEATED SINCE THE PILOT GAS LINE MUST BE PURGED OF AIR BEFORE THE PILOT CAN IGNITE. ON EVERY ATTEMPT TO LIGHT THE PILOT BE SURE TO RUN THE BLOWER FIRST TO GET RID OF ANY PILOT GAS THAT MAY HAVE ENTERED THE COMBUSTION CHAMBER DURING A PREVIOUS ATTEMPT. REPEATED IGNITION ATTEMPTS WILL HEAT UP THE TRANSFORMER IN THE RELAY REDUCING THE OUTPUT CURRENT. ALLOW A COOLING PERIOD OF APPROXIMATELY THIRTY MINUTES, IF THIS CONDITION OCCURS.

9. AFTER THE PILOT IGNITES WAIT TWO MINUTES AND DEPRESS THE PLUNGER ON THE "BASO" SAFETY VALVE AS FAR AS IT WILL GO AND RELEASE.

10. OPEN MAIN HAND VALVE.

11. SET THE THERMOSTAT ABOVE ROOM TEMPERATURE TO START BURNER.

12. WHEN GAS INPUT REQUIRED HAS BEEN DETERMINED CHECK BURNER IN OPERATION BY TIMING METER FOR ONE MINUTE AND COMPARE WITH CHART BELOW. CHECK WITH LOCAL GAS COMPANY FOR BTU VALUE OF GAS AND DIVIDE THIS INTO NUMBER OF BTUS REQUIRED, THIS GIVES NUMBER OF FEET OF GAS REQUIRED.

**EXAMPLE:**

BTU'S REQUIRED PER HOUR\*

BTU PER CUBIC FOOT VALUE OF LOCAL GAS

80,000 = 77 CUBIC FEET PER HOUR

1040

OR APPROXIMATELY 1.3 CUBIC FEET PER MINUTE.

FT. PER HR.	FT. PER MINUTE	FT. PER HR.	FT. PER MINUTE
66	1.1		
72	1.2	120	2.
78	1.3	126	2.1
84	1.4	132	2.2
90	1.5	138	2.3
96	1.6	144	2.4
102	1.7	150	2.5
108	1.8	156	2.6
114	1.9	162	2.7

ONLY ADJUSTMENT REQUIRED FOR INPUT IS ON REGULATOR. TURN SCREW DOWN FOR MORE GAS AND TURN SCREW OUT FOR LESS. DO NOT SCREW DOWN PAST POINT WHERE NO FURTHER INCREASE IN PRESSURE IS NOTED. AIR SHUTTER MUST BE ADJUSTED AS REQUIRED.

13. TO CHECK THE OPERATION OF THE BURNER START AND STOP IT SEVERAL TIMES WITH THE THERMOSTAT.


14. WITH THE BURNER RUNNING CHECK THE OPERATION OF THE LIMIT CONTROL AND CIRCULATING FAN.

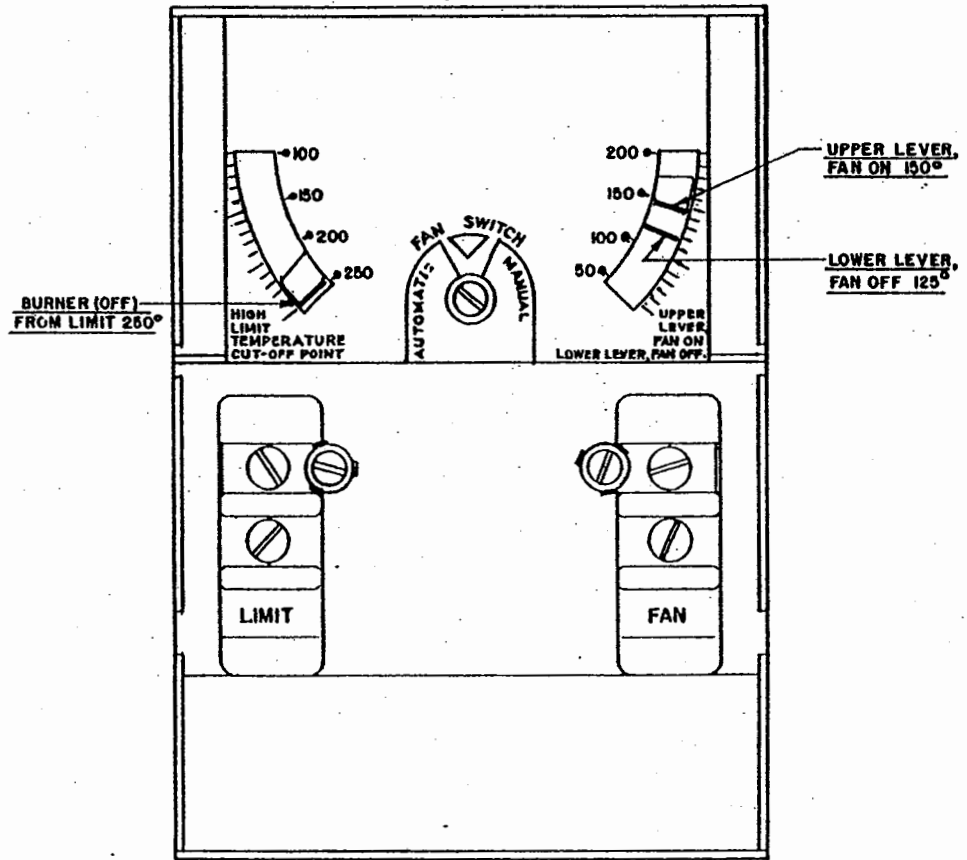
15. MAKE THE FINAL SETTING OF THE AIR SHUTTER BY CHECKING THE FLUE GASES WITH AN "ORSAT" OR OTHER SIMILAR COMBUSTION TESTING INSTRUMENT. THERE SHOULD BE NO CARBON MONOXIDE AND THE CARBON DIOXIDE CONTENT SHOULD BE WITHIN LIMITS PRESCRIBED BY THE LOCAL GAS COMPANY. AIR SHUTTER MAY BE SET APPROXIMATELY CORRECT BY OPENING OR CLOSING AIR SHUTTER SO THAT THE TOP SLOT MEASURES AS FOLLOWS:

60,000 BTU-1/8"
65,000 BTU-3/16"
70,000 BTU-1/4"
75,000 BTU-3/8"
80,000 BTU-1/2" OPENING
85,000 BTU-9/16"
90,000 BTU-11/16"

FOR SUBSEQUENT NORMAL STARTING AND SHUT OFF PROCEDURE, REFER TO THE INSTRUCTION PLATE MOUNTED ON THE BURNER.

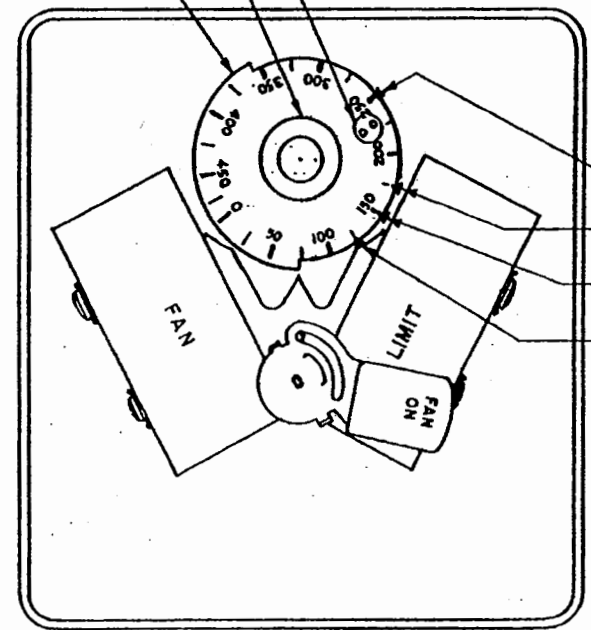
**NOTE:** THIS PAGE SUPERSEDES ALL PREVIOUS SERVICE INSTRUCTIONS FOR STARTING AND ADJUSTING OF GAS BURNER.

	
ERECTION	MANUAL
TITLE STARTING & ADJUSTING INSTRUCTIONS-WILLIAMS GASOMATIC-GAS BURNER	
PREPARED BY REL	DATE 6-9
EFF. SEE NOTE	
DRAWING NUMBER EM-02-N-66.1	



**MINN.-HONEYWELL**  
**FAN & LIMIT CONTROL**  
**TYPE LA-401-A**

(REMOVE)  
DIAL LOCK SCREW  
KNURLED NUT  
CALIBRATED DIAL



**ADJUSTING FINGERS**

- BURNER (OFF) 250° MAX. FROM "LIMIT" (HIGH)
- BURNER (ON) 175° FROM "LIMIT"
- FAN (ON) 150°
- FAN (OFF) 125°

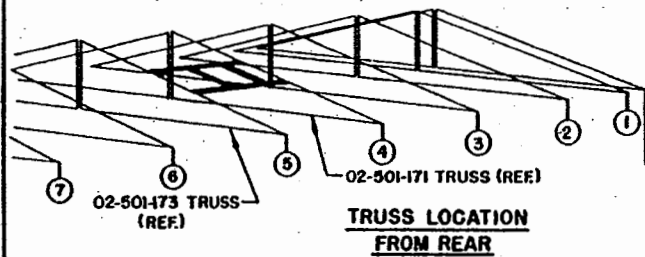
**SETTINGS OF ADJUSTING "FINGERS"**

**PENN**  
**FAN & LIMIT CONTROL**  
**TYPE 515 AT-13D**

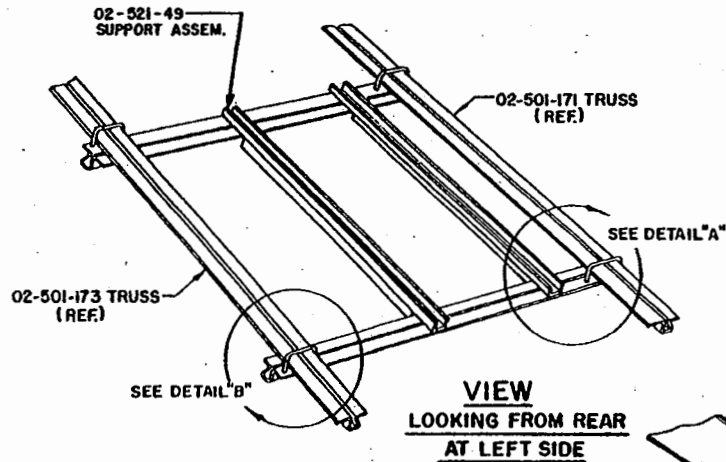
**NOTE: THIS PAGE SUPERSEDES ALL PREVIOUS SERVICE INSTRUCTIONS FOR SETTING OF FURNACE CONTROLS.**



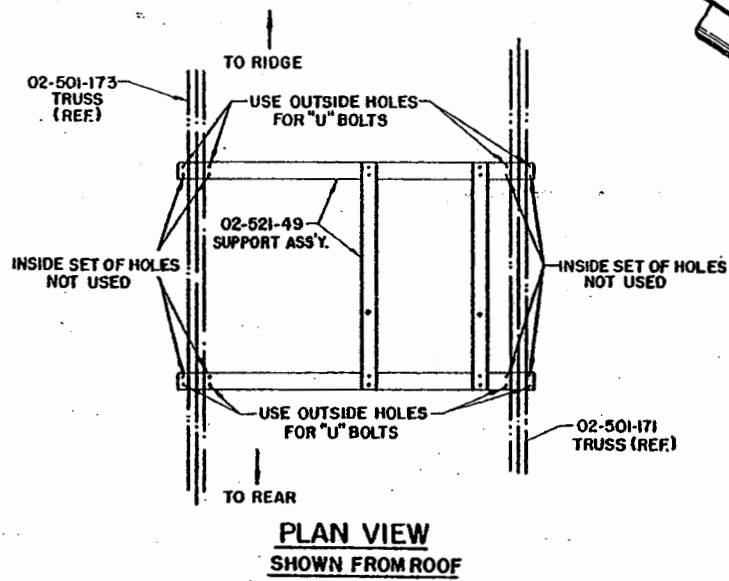
ERECTION		MANUAL	
TITLE DIAL SETTING OF FURNACE "FAN & LIMIT" CONTROLS			
PREPARED BY PT	DATE 6-6-49	EFF. SEE NOTE	
		DRAWING NUMBER EM-02-N-68.1	



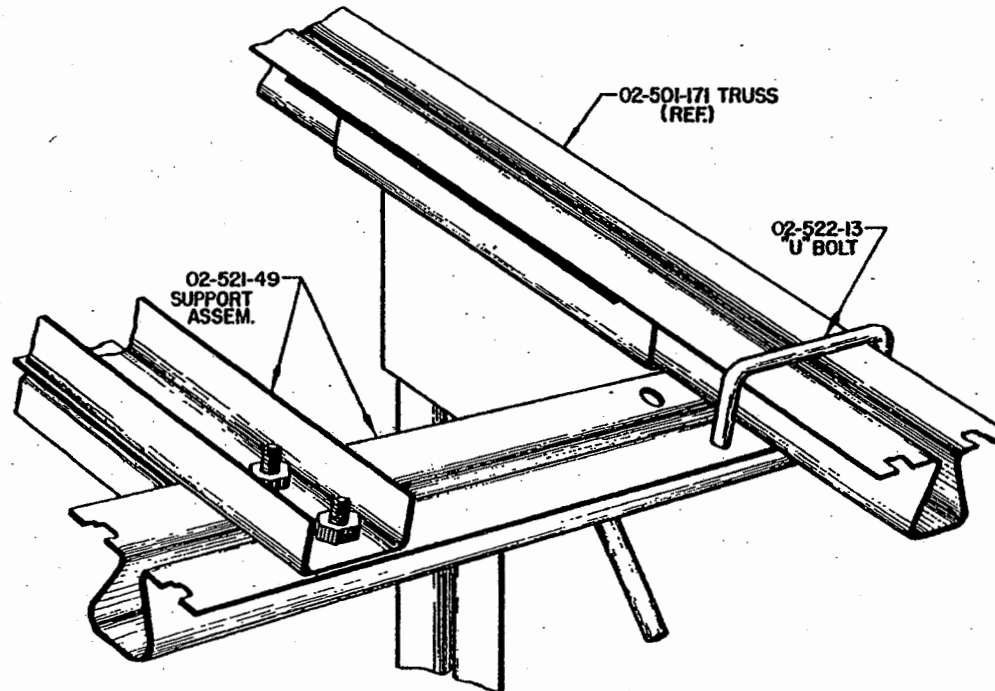
**TRUSS LOCATION  
FROM REAR**



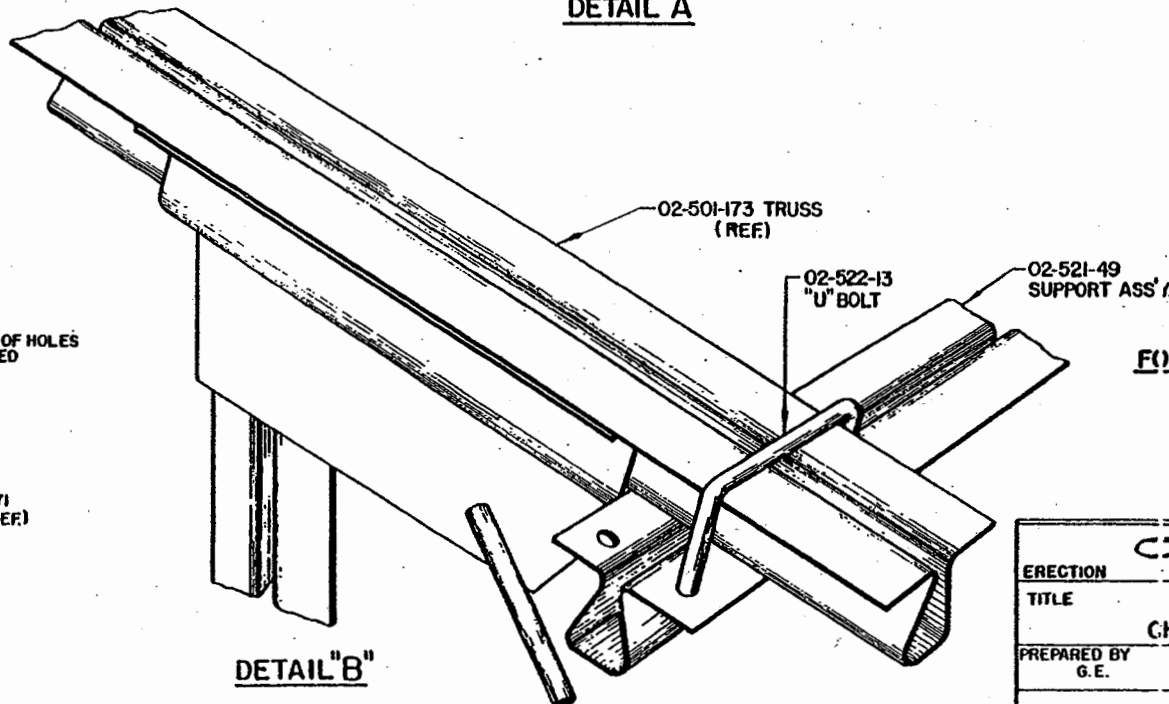
**VIEW  
LOOKING FROM REAR  
AT LEFT SIDE**



**PLAN VIEW  
SHOWN FROM ROOF**



**DETAIL "A"**



**DETAIL "B"**

**PROCEDURE**

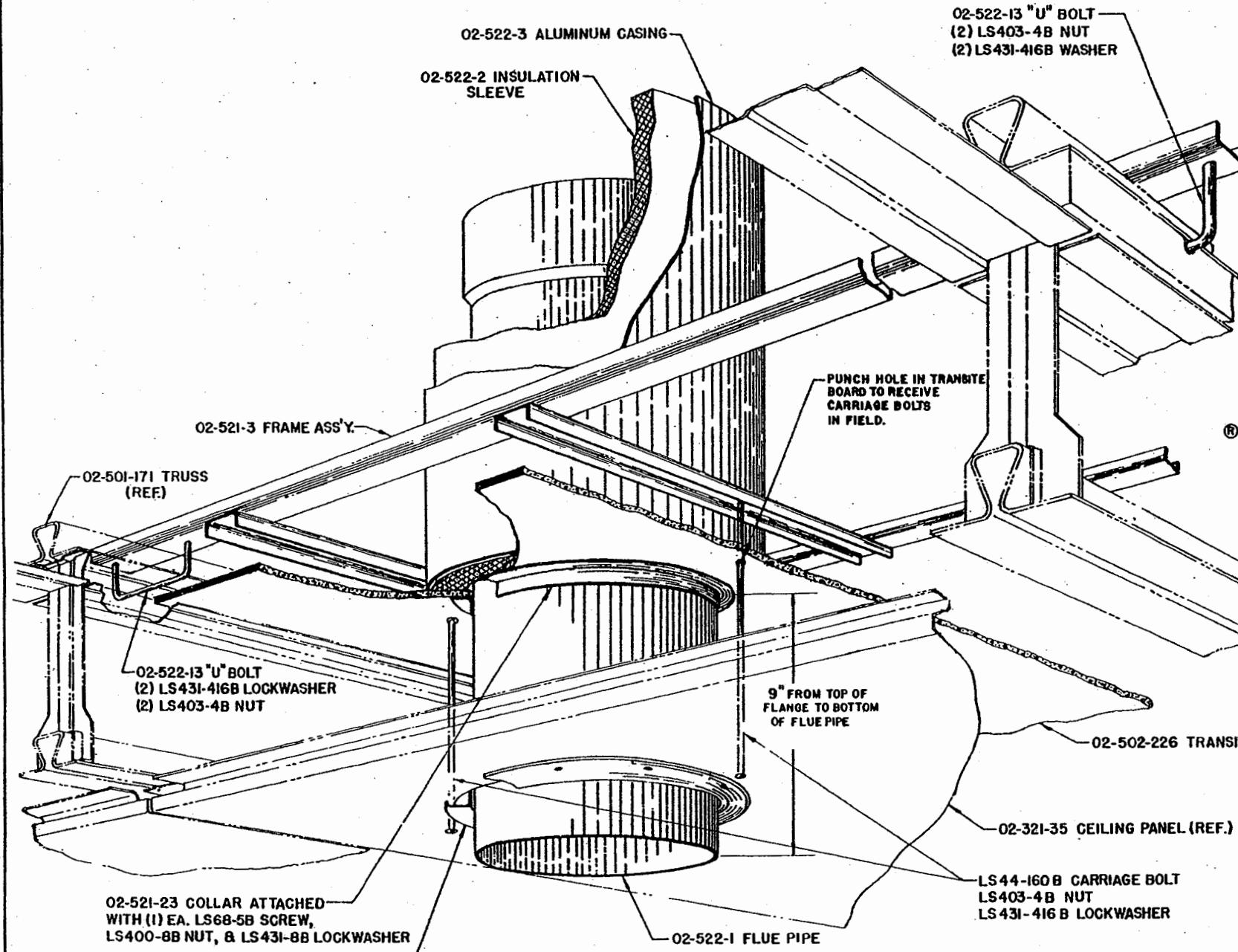
LOCATE PER SKETCH AND FASTEN 02-521-49 FRAME SUPPORT ASS'Y. TO ROOF TRUSSES WITH (4) EACH 02-522-13 "U" BOLTS, 1/4" MED. SPRING LOCKWASHER STL. CAD. PL. (LS431-416B), & 1/4" LT. HEX. NUT STL. CAD. PL. (LS403-4B). THIS OPERATION TO BE MADE BEFORE PLENUM, TRANSITE, CEILING PANELS ARE INSTALLED.

**(FOR GAS & OIL INSTALLATIONS)**



ERECTION		MANUAL	
TITLE <b>INSTALLATION CHIMNEY FRAME SUPPORT</b>			
PREPARED BY G. E.	DATE 6-17-49	EFF. 1001 & SUB DRAWING NUMBER <b>EM-02-N-81.1</b>	

REL. NO	DATE
NP-384	3-11-49
NP-638	4-20-49



BEFORE INSTALLATION OF CEILING PANELS & PLENUM, PLACE 02-521-3 FRAME ASS'Y. ON TOP RUNNER & LOCATE APPROX. AFTER TRANSITE & CEILING PANELS INSTALLED IN THIS AREA, THEN LOCATE FRAME WITH HOLE IN CEILING PANEL BY ATTACHING LS44-160B CARRIAGE BOLT WITH LS431-416B LOCKWASHER & LS403-4B NUT THRU CEILING PANEL 02-321-35 TO FRAME 02-521-3 IN 2 PLACES. TIGHTEN TO LEVEL CEILING PANEL. THEN SECURE 02-521-3 FRAME TO TOP RUNNERS WITH (2) EACH 02-522-13 "U" BOLT, LS431-416B LOCKWASHER & LS403-4B NUT.

ATTACH 02-521-23 COLLAR TO 02-522-1 FLUE WITH (1) EACH LS68-5B SCREW, LS400-8B NUT & LS431-8B LOCKWASHER. INSERT FLUE WITH COLLAR ATTACHED THRU HOLE IN CEILING PANEL & HOLD FLUE WITH COLLAR ATTACHED TIGHT AGAINST TRANSITE BOARD. THEN SLIP 02-522-71 COLLAR OVER FLUE & FASTEN COLLAR TO CEILING PANEL 02-321-35 WITH (5) LS244-10B SCREWS INTO (5) C1005-8A-1 TINNERMAN PREVIOUSLY CLIPPED OVER HOLES IN CEILING PANEL.

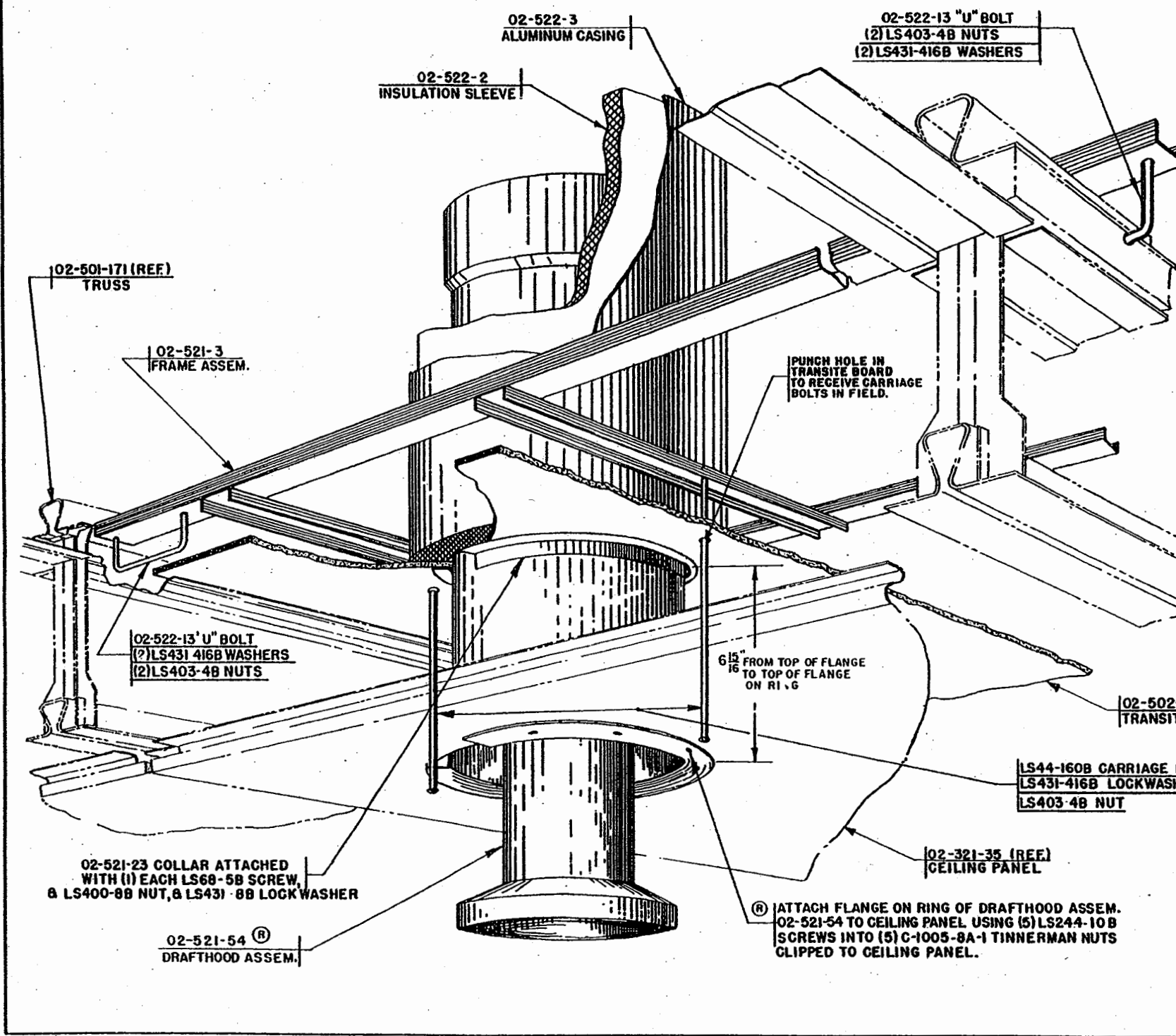
INSERT FROM HOLE IN ROOF PANEL THE NEXT (2) 02-522-1 FLUE PIPE INTO BOTTOM FLUE. THEN INSTALL FROM TOP AROUND FLUE THE 02-522-2 INSULATION SLEEVE & FIT 02-522-3 ALUMINUM CASING AROUND INSULATION. NEXT INSTALL <sup>®</sup> FOURTH PIECE OF FLUE & INSTALL LAST PIECE OF INSULATION. THEN FIT SECOND PIECE OF 02-522-3 CASING TO COMPLETE FLUE INSTALLATION.

<sup>®</sup> FOR OIL INSTALLATION  
FOR GAS INSTALLATION  
SEE EM-02-N-91.1



ERECTION		MANUAL
TITLE		
INSTALLATION CHIMNEY FLUE		
PREPARED BY	DATE	EFF. 31 & SUB
G.E.	3-11-49	DRAWING NUMBER
G.E. <sup>®</sup>	4-20-49	EM-02-N-90.1

RELEASE NO. NP-697	DATE 6-21-49	RELEASE NO. NP-636	DATE 4-20-49
		NP-660	5-3-49



BEFORE INSTALLATION OF CEILING PANELS AND PLENUM, PLACE 02-521-3 FRAME ASSEM. ON TOP RUNNER AND LOCATE APPROX. AFTER TRANSITE AND CEILING PANELS ARE INSTALLED IN THIS AREA, THEN LOCATE FRAME WITH HOLE IN CEILING PANEL BY ATTACHING LS44-160B CARRIAGE BOLT WITH LS431-416B LOCKWASHER & LS403-4B NUT THRU CEILING PANEL 02-321-35 TO FRAME 02-521-3 IN TWO PLACES. TIGHTEN TO LEVEL CEILING PANEL. THEN SECURE FRAME 02-521-3 TO TOP RUNNERS USING (2) EACH 02-522-13 "U" BOLTS, (4) LS431-416B LOCKWASHERS & (4) LS403-4B NUTS. (R)

ATTACH 02-521-23 COLLAR TO 02-521-54 DRAFTHOOD USING (1) LS68-5B SCREW, LS400-8B NUT & LS431-8B LOCKWASHER. INSERT DRAFTHOOD WITH COLLAR ATTACHED THRU HOLE IN CEILING PANEL AND HO. D DRAFTHOOD WELD ASSEM. WITH RING TIGHT AGAINST CEILING PANEL. THEN ATTACH RING ON DRAFTHOOD ASSEM. 02-521-54 TO CEILING PANEL 02-321-35 WITH (5) LS244-10B SCREWS INTO (5) C-1005-8A-1 TINNEMAN NUTS PREVIOUSLY CLIPPED OVER HOLES IN CEILING PANEL.

INSERT FROM HOLE IN ROOF PANEL THE NEXT TWO 02-522-1 FLUE PIPES INTO DRAFTHOOD ASSEM. THEN INSTALL FROM THE TOP AROUND THE FLUE THE 02-522-2 INSULATION SLEEVE AND FIT 02-522-3 ALUMINUM CASING AROUND INSULATION. NEXT INSTALL THIRD PIECE OF FLUE AND INSTALL LAST PIECE OF INSULATION. THEN FIT SECOND PIECE OF 02-522-3 CASING TO COMPLETE FLUE INSTALLATION.

02-522-3 ALUMINUM CASING

02-522-13 "U" BOLT  
(2) LS403-4B NUTS  
(2) LS431-416B WASHERS

02-522-2 INSULATION SLEEVE

02-501-171 (REF.) TRUSS

02-521-3 FRAME ASSEM.

PUNCH HOLE IN TRANSITE BOARD TO RECEIVE CARRIAGE BOLTS IN FIELD.

02-522-13 "U" BOLT  
(2) LS431-416B WASHERS  
(2) LS403-4B NUTS

6 15/16" FROM TOP OF FLANGE TO TOP OF FLANGE ON RING

02-501-173 TRUSS (REF.)

02-502-226 (REF.) TRANSITE BOARD

LS44-160B CARRIAGE BOLTS  
LS431-416B LOCKWASHER  
LS403-4B NUT

02-521-23 COLLAR ATTACHED WITH (1) EACH LS68-5B SCREW, & LS400-8B NUT, & LS431-8B LOCKWASHER

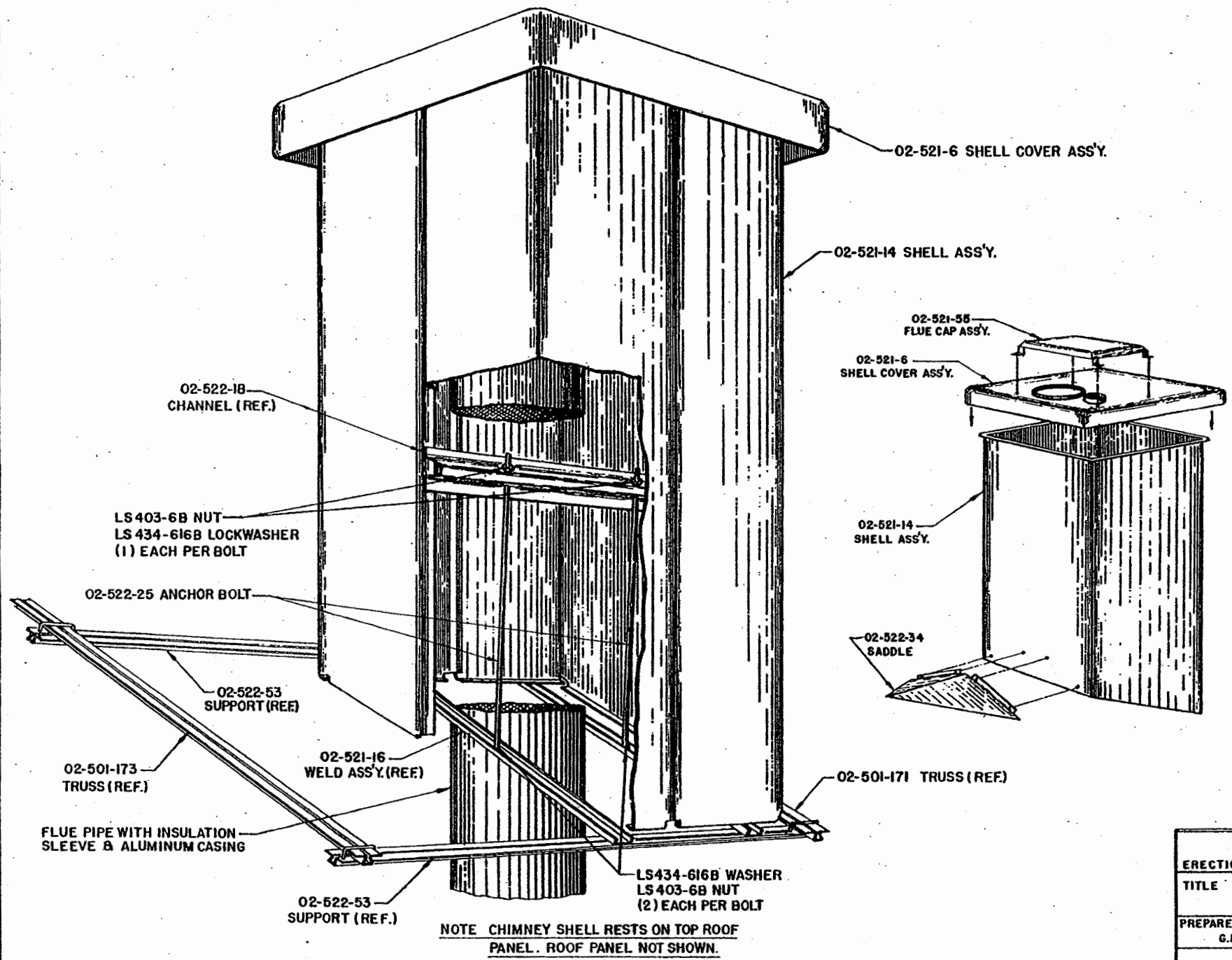
02-321-35 (REF.) CEILING PANEL

02-521-54 (R) DRAFTHOOD ASSEM.

(R) ATTACH FLANGE ON RING OF DRAFTHOOD ASSEM. 02-521-54 TO CEILING PANEL USING (5) LS244-10B SCREWS INTO (5) C-1005-8A-1 TINNEMAN NUTS CLIPPED TO CEILING PANEL.



ERECTOR		MANUAL	
<b>INSTALLATION CHIMNEY FLUE WITH GAS INSTALLATION</b>			
PREPARED BY G. E.	DATE 4-20-49	EFF. 31 & SUB. DRAWING NUMBER	
REVISED BY 6-21-49 (R)	BY W. C. G.	EM-02-N-91.1	



ATTACH 02-522-34 SADDLE TO 02-521-14 SHELL ASS'Y. WITH LS 68-5B SCREW, LS 434-8B WASHER, LS 400-8B NUT, & 02-522-14 KOROSEAL WASHER (4) EACH REQ'D.

ATTACH 02-521-6 SHELL COVER ASS'Y TO 02-521-55 FLUE CAP ASS'Y WITH (3) EACH LS 58-5B SCREW, LS 434-8B WASHER, LS 400-8B NUT, & 02-522-14 KOROSEAL WASHER.


ATTACH ONE END 02-522-25 ANCHOR BOLTS TO FRAME WITH (2) EACH LS 434-616B WASHER LS 403-6B NUT.

THE PLACE 02-521-14 SHELL ASS'Y. ON LOCATION AND ATTACH OTHER END OF 02-522-25 ANCHOR BOLT TO 02-522-18 CHANNEL IN THE SHELL ASS'Y. OF CHIMNEY WITH (1) EACH PER BOLT LS 403-6B NUT & LS 431-616B LOCKWASHER. TIGHTEN NUTS TO ADJUST POSITION OF SHELL AGAINST ROOF PANEL.

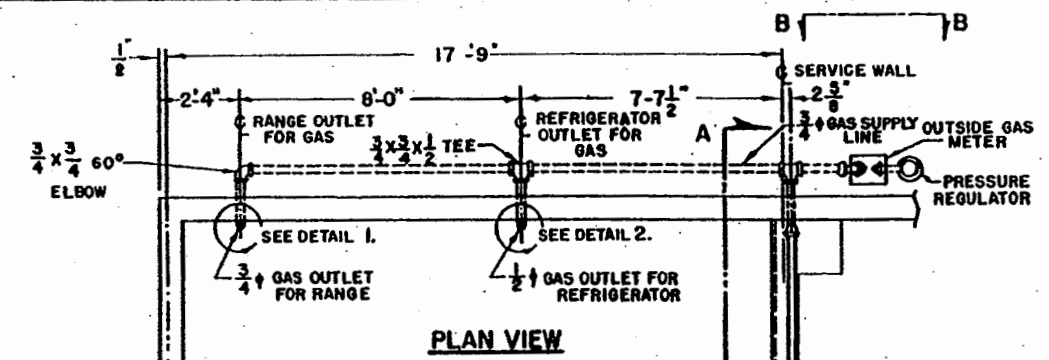
ATTACH 02-521-6 SHELL COVER ASS'Y. WITH THE FLUE CAP ATTACHED TO 02-521-14 SHELL ASS'Y. WITH (8) EACH LS 68-5B SCREW, LS 434-8B WASHER, LS 400-8B NUT, & 02-522-14 KOROSEAL WASHER.

**FOR BOTH OIL AND GAS INSTALLATIONS**

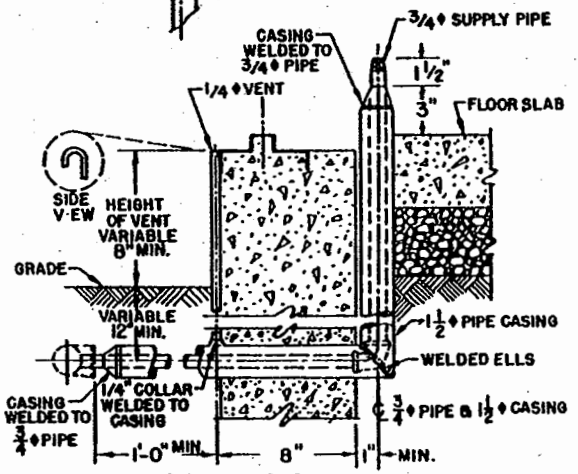
NOTE CHIMNEY SHELL RESTS ON TOP ROOF PANEL. ROOF PANEL NOT SHOWN.

		ERECTION	MANUAL
		TITLE	INSTALLATION CHIMNEY SHELL
PREPARED BY G.E.	DATE 3-11-49	EFF 825 THRU 3000 DRAWING NUMBER EM-02-N-101.1	

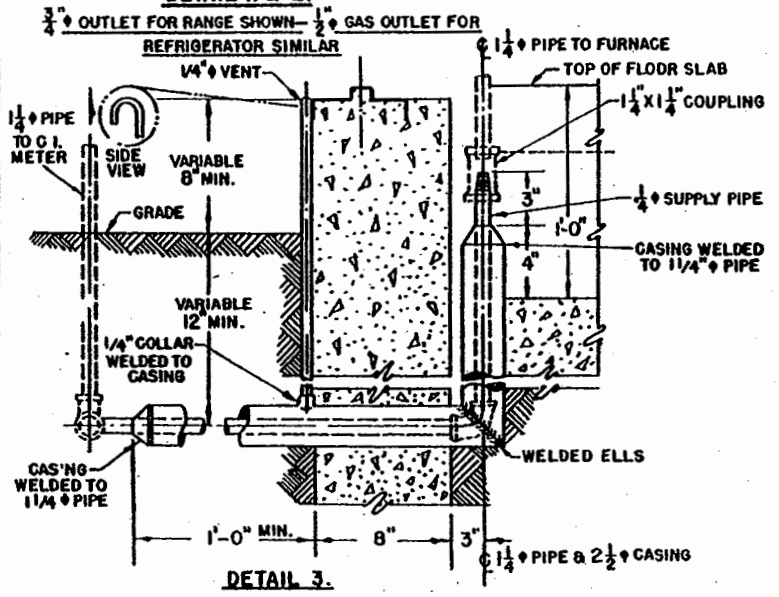




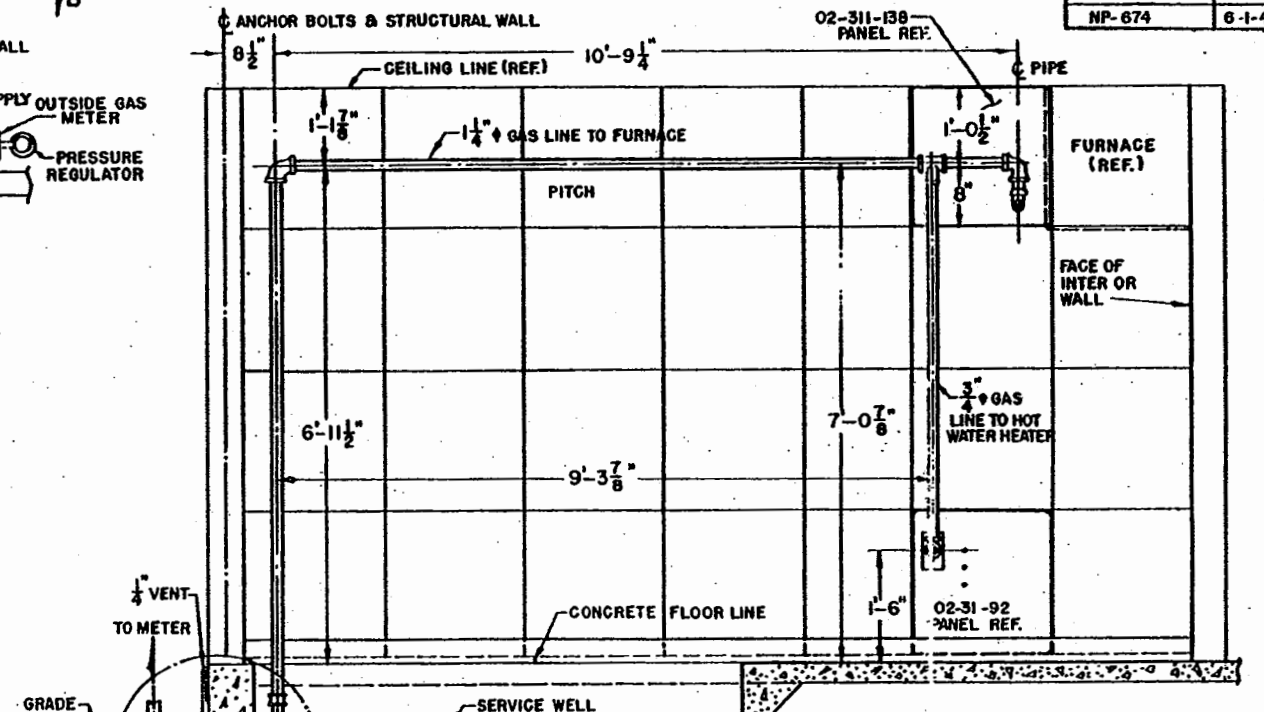
**PLAN VIEW**



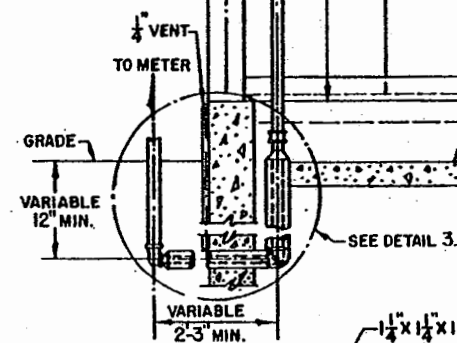
**DETAIL 1 & 2.**



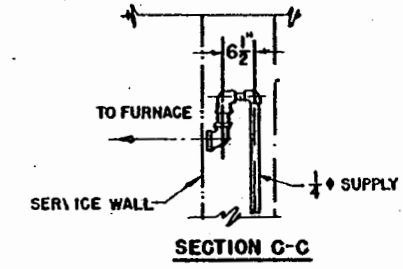
**DETAIL 3.**



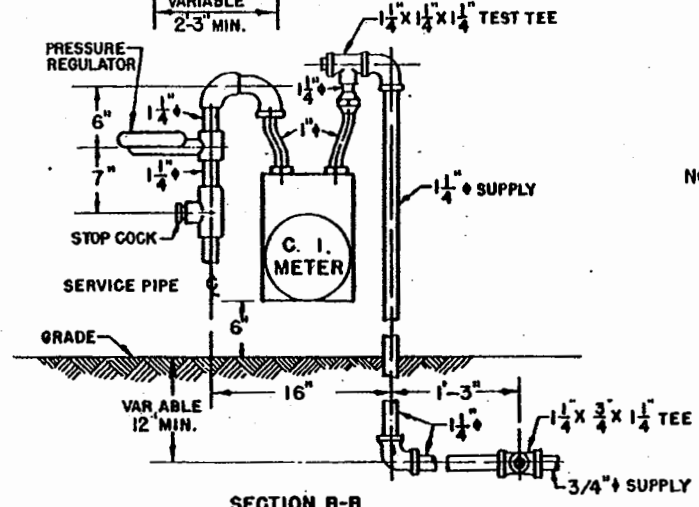
**SECTION A-A**



**SECTION B-B**



**SECTION C-C**



NOTES SUPPLY PIPE ENCASEMENT AS SHOWN IS DEPENDENT ON LOCAL CODES. CASING TO BE SWEIDGED BEFORE WELDING. VARIABLE DIMENSIONS DEPEND ON LOCAL CODE REQUIREMENTS.



ERECTION		MANUAL
TITLE GAS SUPPLY & DISTRIBUTION SYSTEM — SUGGESTED		
PREPARED BY G.E.	DATE 6-17-49	EFF. 825 THRU 3000
		DRAWING NUMBER EM-02-N-III.1

**STEP N° 1**

INSTALL 02-471-226 UTILITY - GUEST CLOSET WALL STRUCTURE. SECURE TO SERVICE WALL, TOP AND BOTTOM, WITH (2) 02-202-147 CONNECTORS, USING  
 (6) LS4-10B BOLT  
 (2) LS4-36B BOLT  
 (8) LS431-416B LOCK WASHER  
 (8) LS403-4B NUT

SEE DETAIL "A" - UPPER CONNECTION  
 DETAIL "B" - LOWER CONNECTION  
 PAGE N° EM-02-P-12.11

AND TO LIVING ROOM-UTILITY WALL, TOP AND BOTTOM, USING

(2) LS4-10B BOLT  
 (2) LS431-416B LOCK WASHER

SEE DETAIL "C"  
 PAGE N° EM-02-P-12.11

**STEP N° 2**

INSTALL 02-471-32 LIVING ROOM-GUEST CLOSET WALL STRUCTURE. SECURE TO UTILITY-GUEST CLOSET WALL, TOP AND BOTTOM, USING  
 (2) LS4-10B BOLT  
 (2) LS431-416B LOCK WASHER

SEE DETAIL "D" - UPPER CONNECTION  
 DETAIL "E" - LOWER CONNECTION  
 PAGE N° EM-02-P-12.11

**STEP N° 3**

INSTALL 02-471-141 FRONT FRAME. SECURE TO LIVING ROOM - GUEST CLOSET WALL, USING  
 (1) LS4-10B BOLT  
 (1) LS431-416B LOCK WASHER

SEE DETAIL "D"  
 PAGE N° EM-02-P-12.11

INSTALL 02-472-103 BATHROOM DOOR RECESS STUD AND SECURE TO FRONT FRAME, USING

(2) LS70-6B SCREW  
 (2) LS431-10B LOCK WASHER  
 (2) LS400-10M NUT

SEE DETAIL "F"  
 PAGE N° EM-02-P-12.12

INSTALL 02-471-80 STUD WELD ASSEMBLY. SECURE TO FRONT FRAME, AT TOP, USING

(2) LS70-6B SCREW  
 (2) LS431-10B LOCK WASHER  
 (2) LS400-10M NUT

SEE DETAIL "G"  
 PAGE N° EM-02-P-12.12

AND TO LIVING ROOM-GUEST CLOSET WALL, AT BOTTOM, USING

(1) LS4-10B BOLT  
 (1) LS431-416B LOCK WASHER

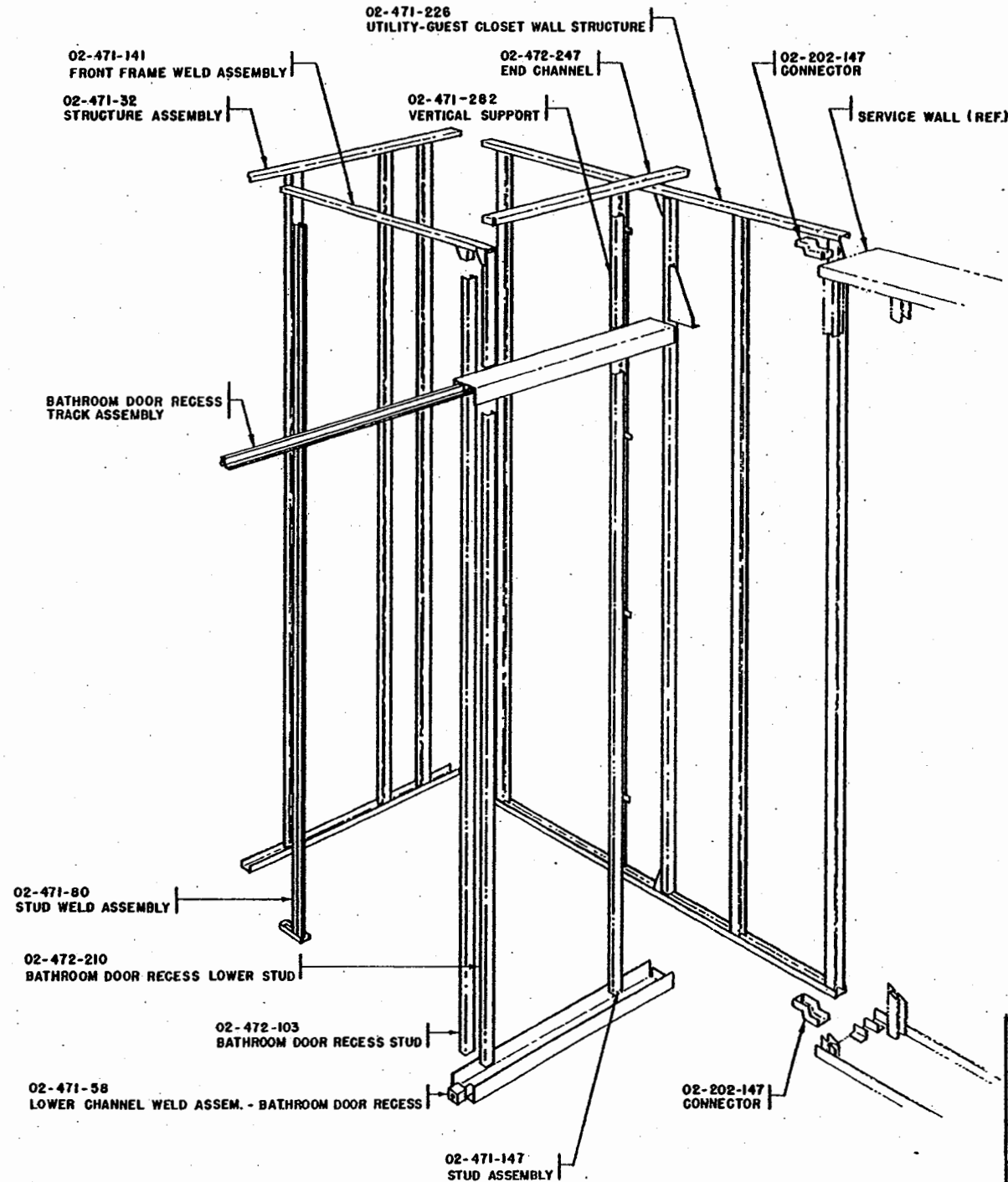
SEE DETAIL "E"  
 PAGE N° EM-02-P-12.11

**STEP N° 4**

INSTALL 02-472-247 END CHANNEL. SECURE TO FRONT FRAME AND TO UTILITY-GUEST CLOSET WALL, USING

(4) LS70-6B SCREW  
 (4) LS431-10B LOCK WASHER  
 (4) LS400-10M NUT

SEE DETAIL "H"  
 PAGE N° EM-02-P-12.12



**STEP N° 5**

MAKE BATHROOM DOOR RECESS TRACK ASSEMBLY BY ATTACHING 02-452-84 TRACK TO 02-471-203 UPPER CHANNEL WELD ASSEMBLY, USING  
 (4) LS70-6B SCREW  
 (4) LS431-10B LOCK WASHER  
 (4) LS400-10M NUT

SEE DETAIL "J"  
 PAGE N° EM-02-P-12.12

INSTALL 02-471-58 LOWER CHANNEL. SECURE TO UTILITY-GUEST CLOSET WALL AND DOOR RECESS STUD, USING

(3) LS70-6B SCREW  
 (3) LS431-10B LOCK WASHER  
 (3) LS400-10M NUT

SEE DETAIL "K"  
 PAGE N° EM-02-P-12.13

INSTALL UPPER CHANNEL. SECURE TO UTILITY WALL AND DOOR RECESS STUD, USING

(3) LS70-6B SCREW  
 (3) LS431-10B LOCK WASHER  
 (3) LS400-10M NUT

SEE DETAIL "L"  
 PAGE N° EM-02-P-12.13

SECURE FRONT FRAME VERT. CHANNEL TO UPPER TRACK CHANNEL, USING

(2) LS70-6B SCREW  
 (2) LS431-10B LOCK WASHER  
 (2) LS400-10M NUT

SEE DETAIL "M"  
 PAGE N° EM-02-P-12.13

**STEP N° 6**

INSTALL 02-471-282 VERT. SUPPORT, 02-472-210 LOWER STUD, AND 02-471-147 STUD ASSEMBLY. SECURE AS SHOWN, USING

(7) LS70-6B SCREW  
 (7) LS431-10B LOCK WASHER  
 (7) LS400-10M NUT

SEE DETAIL "N" - VERTICAL SUPPORT - TOP CONNECTION

DETAIL "O" - UPPER RECESS CHANNEL CONNECTIONS

DETAIL "P" - LOWER RECESS CHANNEL CONNECTIONS

PAGE N° EM-02-P-12.17

THIS PAGE SUPERSEDES PAGE EM-02-P-12.1 AT HOUSE N° 1301.



ERECTION		MANUAL	
TITLE			
GUEST CLOSET - BASIC STRUCTURE			
PREPARED BY	DATE	EFF. 1301 & SUBS.	
W. C. G.	8-2-49	DRAWING NUMBER	
		EM-02-P-10.15	

**STEP N° 1**

INSTALL 02-471-201 UTILITY-GUEST CLOSET WALL STRUCTURE. SECURE TO SERVICE WALL, TOP AND BOTTOM USING (2) LS8-16B BOLTS  
(2) LS435-816B WASHERS  
(2) LS433-816B LOCKWASHERS  
(2) LS402-8B NUTS  
SEE DETAIL "A" FOR TYPICAL CONNECTION PAGE N° EM-02-P-11.18  
AND TO LIVING ROOM-UTILITY WALL, TOP & BOTTOM, USING  
(2) LS4-10B BOLTS  
(2) LS431-416B LOCKWASHERS  
SEE DETAIL "C" PAGE EM-02-P-11.18

**STEP N° 2**

INSTALL 02-471-32 LIVING ROOM-GUEST CLOSET WALL STRUCTURE. SECURE TO UTILITY-GUEST CLOSET WALL, TOP AND BOTTOM, USING  
(2) LS4-10B BOLTS  
(2) LS431-416B LOCKWASHERS  
SEE DETAIL "D" UPPER CONNECTION  
DETAIL "E" LOWER CONNECTION  
PAGE EM-02-P-11.18

**STEP N° 3**

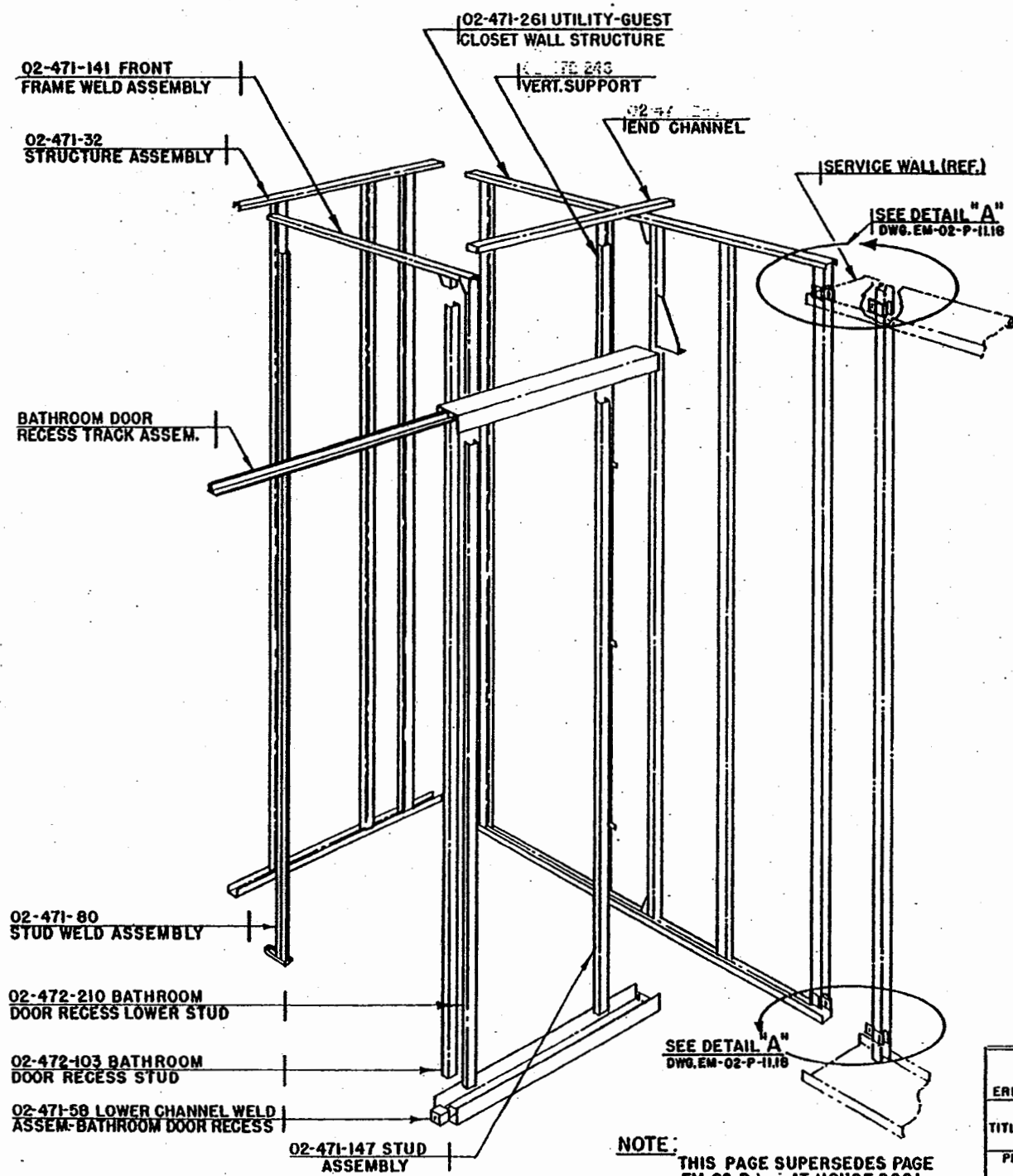
INSTALL 02-471-141 FRONT FRAME. SECURE TO LIVING ROOM-GUEST CLOSET WALL, USING  
(1) LS4-10B BOLT  
(1) LS431-416B LOCKWASHER  
SEE DETAIL "D" PAGE N° EM-02-P-11.18  
INSTALL 02-472-103 BATHROOM DOOR RECESS STUD AND SECURE TO FRONT FRAME, USING  
(2) LS70-6B SCREWS  
(2) LS431-10B LOCKWASHERS  
(2) LS400-10M NUTS  
SEE DETAIL "F" PAGE N° EM-02-P-12.12  
INSTALL 02-471-80 STUD WELD ASSEMBLY, SECURE TO FRONT FRAME, AT TOP, USING  
(2) LS70-6B SCREWS  
(2) LS431-10B LOCKWASHERS  
(2) LS400-10M NUTS  
SEE DETAIL "G" PAGE N° EM-02-P-12.12  
AND TO LIVING ROOM-GUEST CLOSET WALL, AT BOTTOM, USING  
(1) LS4-10B BOLT  
(1) LS431-416B LOCKWASHER  
SEE DETAIL "E" PAGE N° EM-02-P-11.18

**STEP N° 4**

INSTALL 02-472-247 END CHANNEL. SECURE TO FRONT FRAME AND TO UTILITY-GUEST CLOSET WALL, USING  
(4) LS70-6B SCREWS  
(4) LS431-10B LOCKWASHERS  
(4) LS400-10M NUTS  
SEE DETAIL "H" PAGE N° EM-02-P-12.12

**STEP N° 5**

MAKE BATHROOM DOOR RECESS TRACK ASSEM. BY ATTACHING 02-432-54 TRACK TO 02-471-208 UPPER CHANNEL WELD ASSEMBLY, USING  
(4) LS70-6B SCREWS  
(4) LS431-10B LOCKWASHERS  
(4) LS400-10M NUTS  
SEE DETAIL "J" PAGE N° EM-02-P-12.12  
INSTALL 02-471-38 LOWER CHANNEL. SECURE TO UTILITY-GUEST CLOSET WALL AND DOOR RECESS STUD, USING  
(3) LS70-6B SCREWS  
(3) LS431-10B LOCKWASHERS  
(3) LS400-10M NUTS  
SEE DETAIL "K" PAGE N° EM-02-P-12.13



**STEP N° 5 (CONTINUED)**

INSTALL UPPER CHANNEL. SECURE TO UTILITY WALL AND DOOR RECESS STUD, USING  
(3) LS70-6B SCREWS  
(3) LS431-10B LOCKWASHERS  
(3) LS400-10M NUTS  
SEE DETAIL "L" PAGE N° EM-02-P-12.13  
SECURE FRONT FRAME VERTICAL CHANNEL TO UPPER TRACK CHANNEL, USING  
(2) LS70-6B SCREWS  
(2) LS431-10B LOCKWASHERS  
(2) LS400-10M NUTS  
SEE DETAIL "M" PAGE N° EM-02-P-12.13

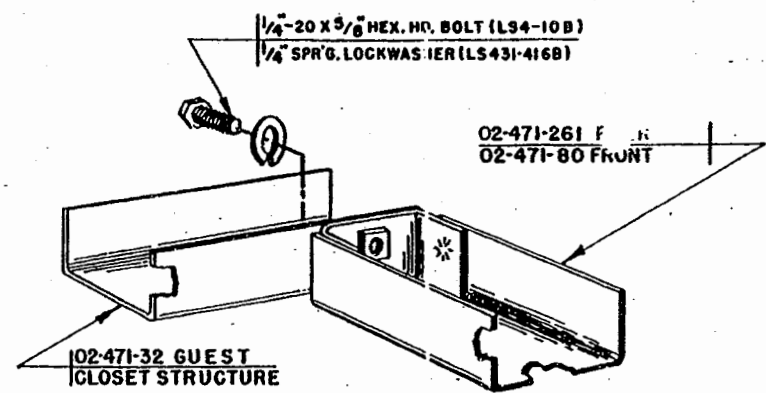
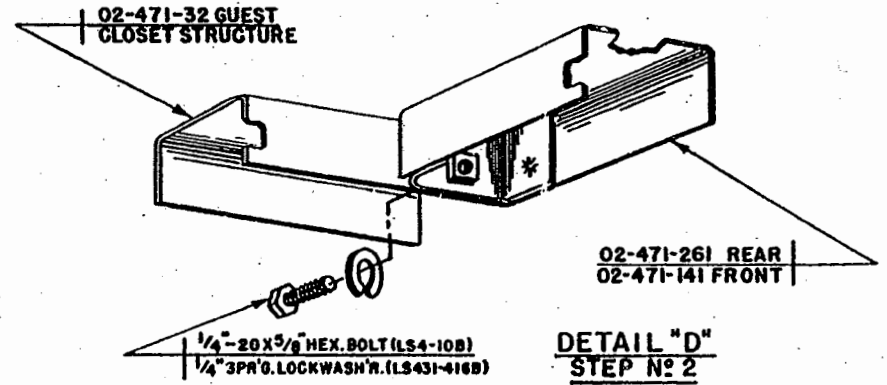
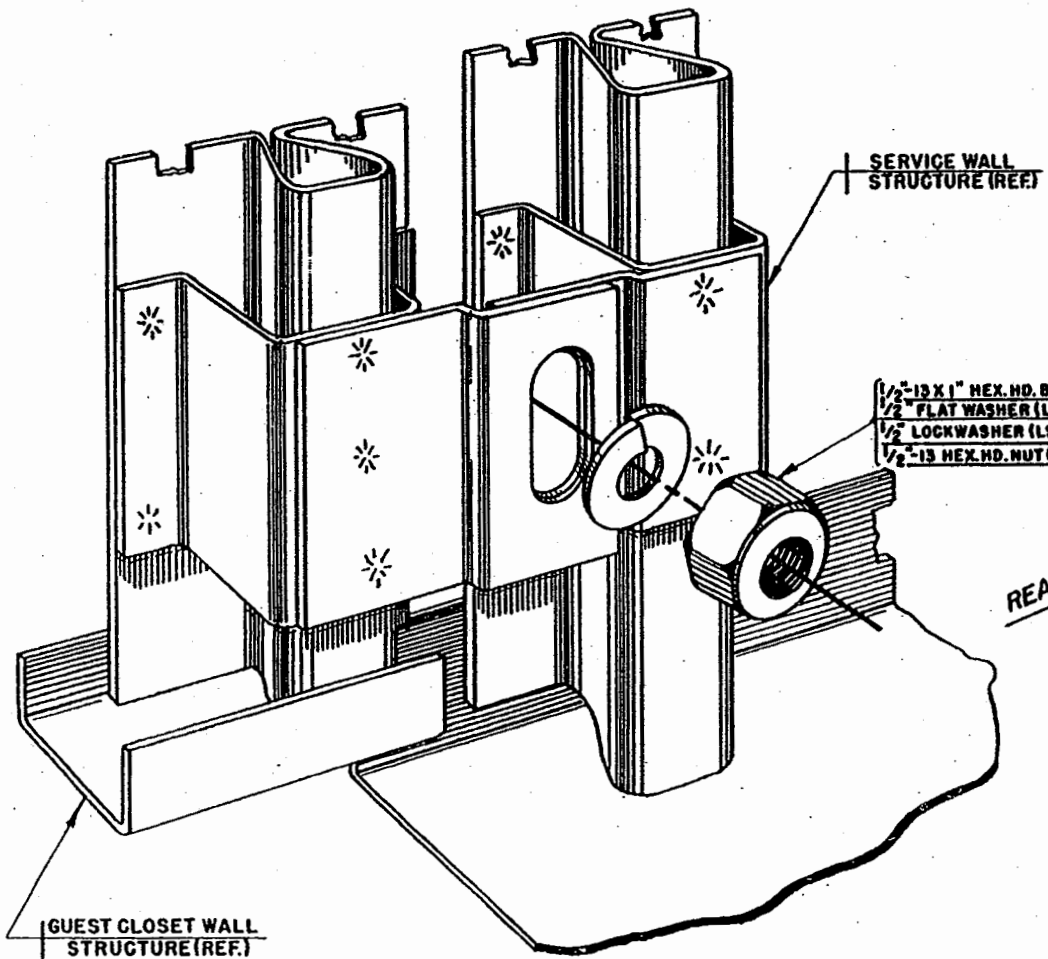
**STEP N° 6**

INSTALL 02-472-210 VERTICAL SUPPORT, 02-472-210 LOWER STUD, AND 02-471-147 STUD ASSEMBLY. SECURE AS SHOWN, USING  
(7) LS70-6B SCREWS  
(7) LS431-10B LOCKWASHERS  
(7) LS400-10M NUTS  
SEE DETAIL "N" VERTICAL SUPPORT-TOP CONNECTION  
DETAIL "O" UPPER RECESS CHANNEL CONNECTIONS  
DETAIL "P" LOWER RECESS CHANNEL CONNECTIONS  
PAGE N° EM-02-P-

**NOTE:**  
THIS PAGE SUPERSEDES PAGE EM-02-P- AT HOUSE 2001

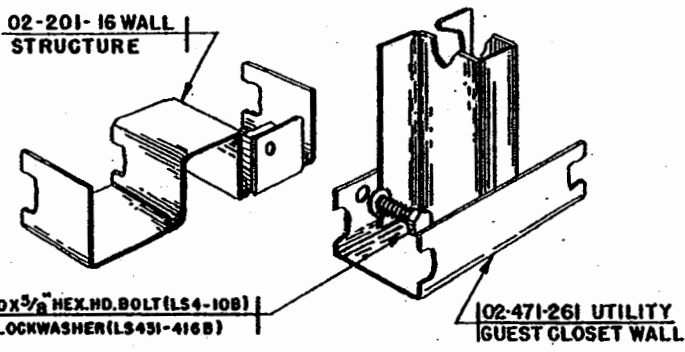


ERECTION		MANUAL	
TITLE GUEST CLOSET- BASIC STRUCTURE			
PREPARED BY W.C.O.	DATE 7-20-49	EFF. 2001 & SUBS. DRAWING NUMBER EM-02-P-11.15	



**DETAIL "A"**  
**STEP N° 1**

**DETAIL "E"**  
**STEP N° 2**

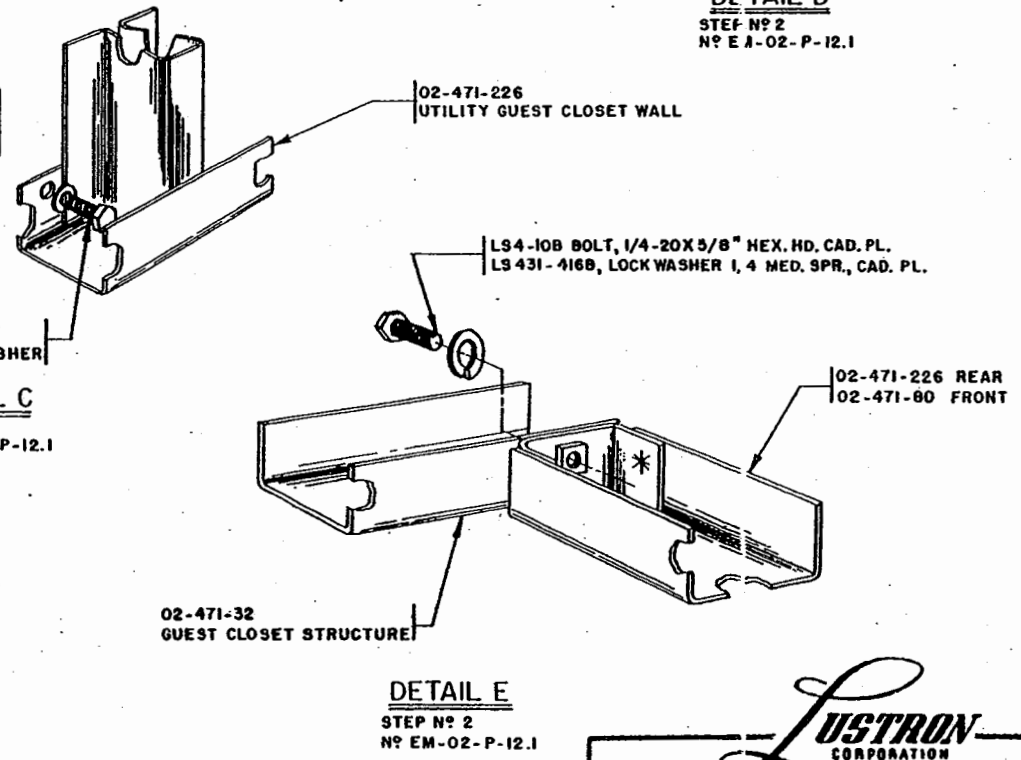
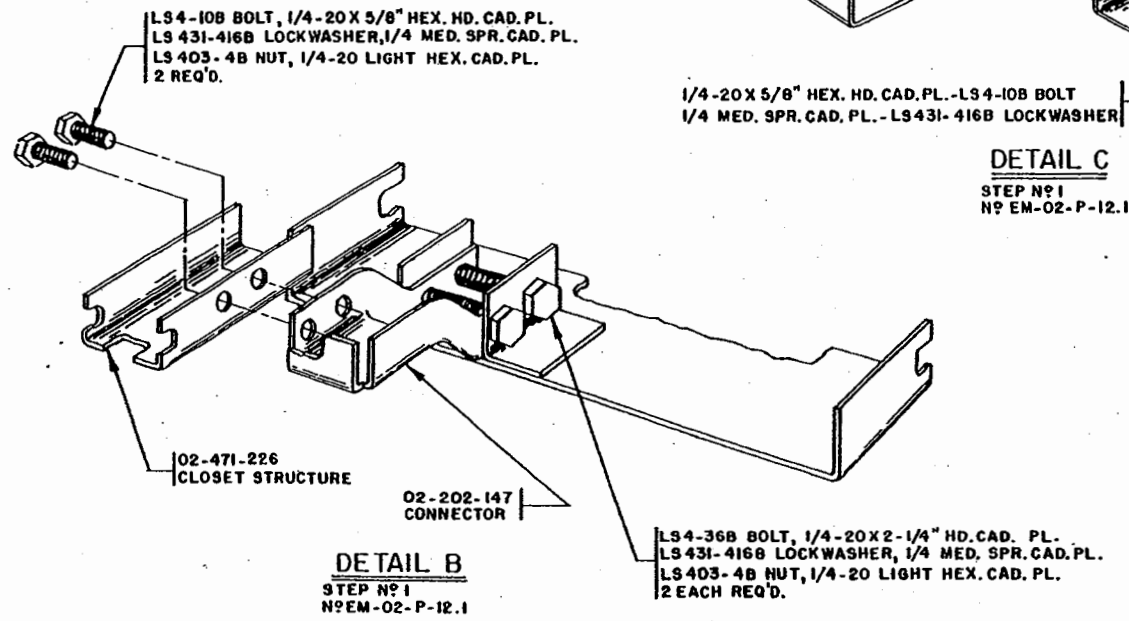
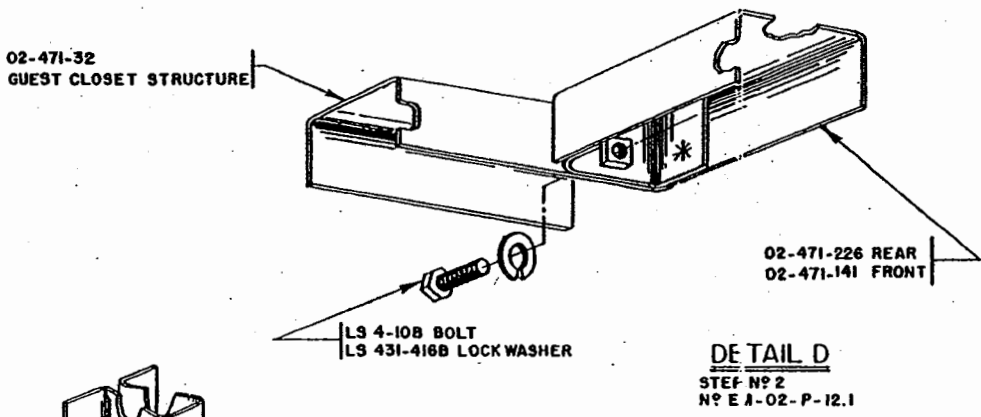
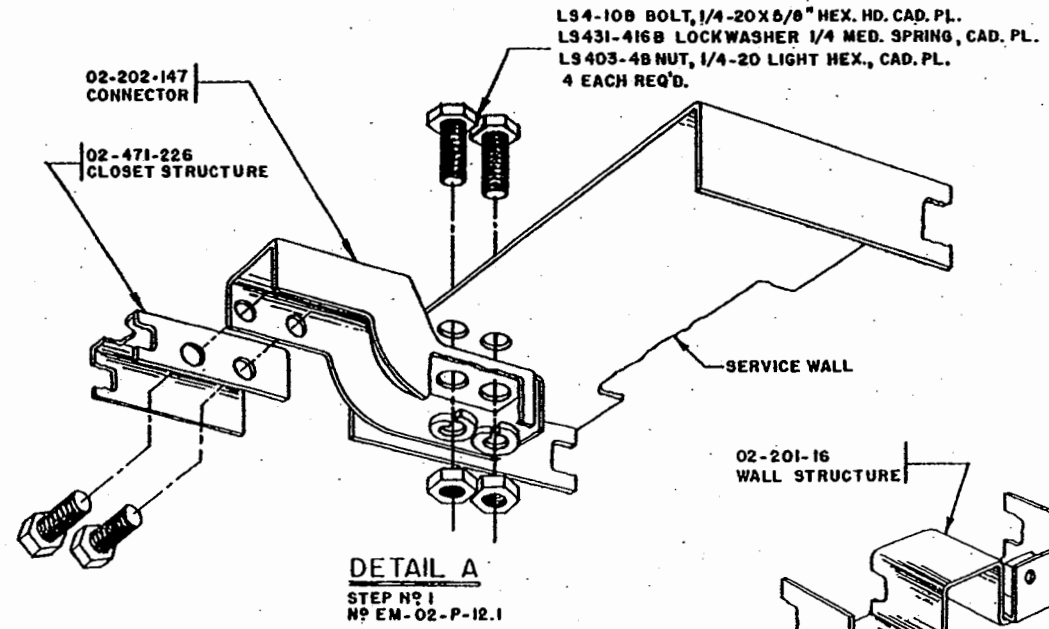


**DETAIL "C"**  
**STEP N° 1**

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AT HOUSE NO. 2001**

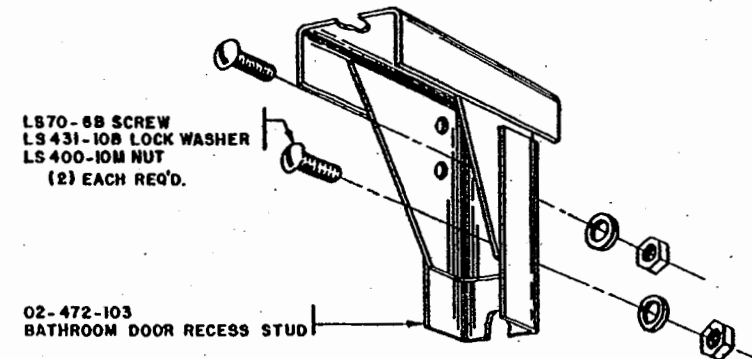


ERECTION		MANUAL
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PREPARED BY W. C. S.	DATE 7-19-49	EFF. 2001 & SUB. DRAWING NUMBER EM-02-P-11.18

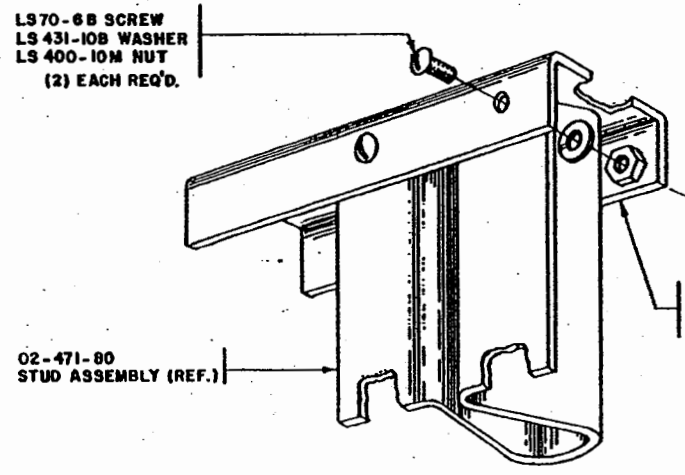


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PREPARED BY PT	DATE 6-20-49	EFF. 825 & SUBS.	
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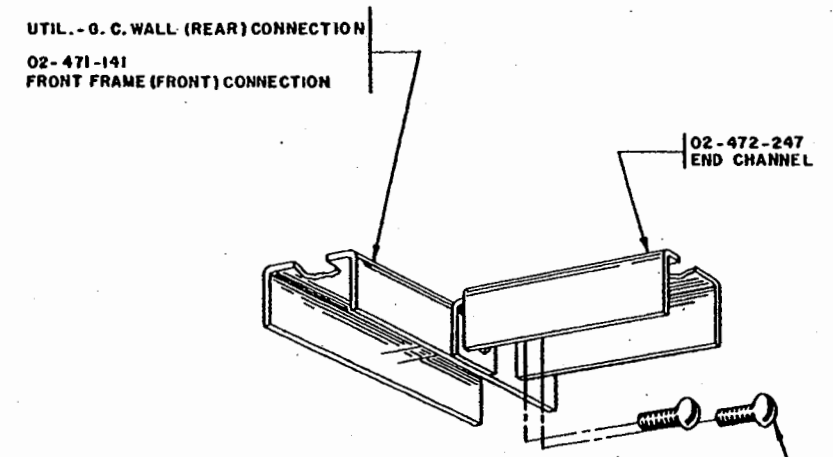
RELEASE NO. NP-687	DATE 6-22-49
NP-717	7-20-49



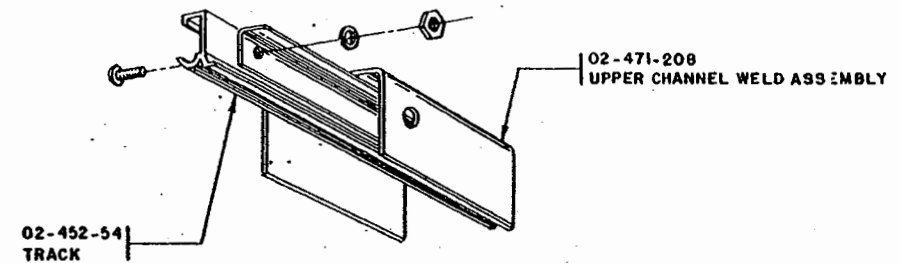
DETAIL "F"



DETAIL "G"



DETAIL "H"



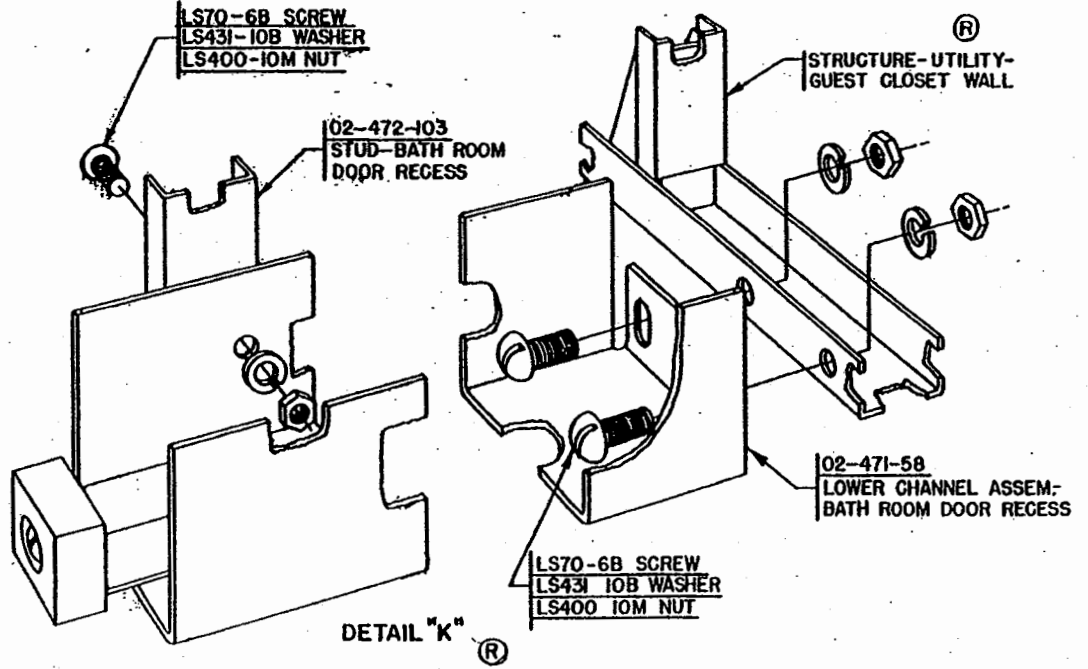
DETAIL "J"

LS70-68 SCREW  
LS431-10B LOCK WASHER  
LS400-10M NUT  
(2) EACH REQ'D.

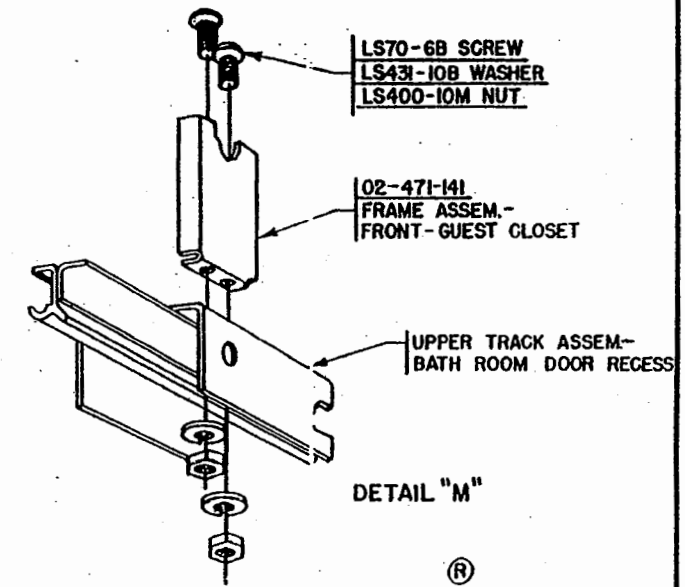


ERECTION	MANUAL	
TITLE GUEST CLOSET-STRUCTURAL DETAILS		
PREPARED BY J B R	DATE 6-22-49	EFF. 825 & SUBS.
REVISOR WCC	BY WCC	DRAWING NUMBER EM-02-P-12.12

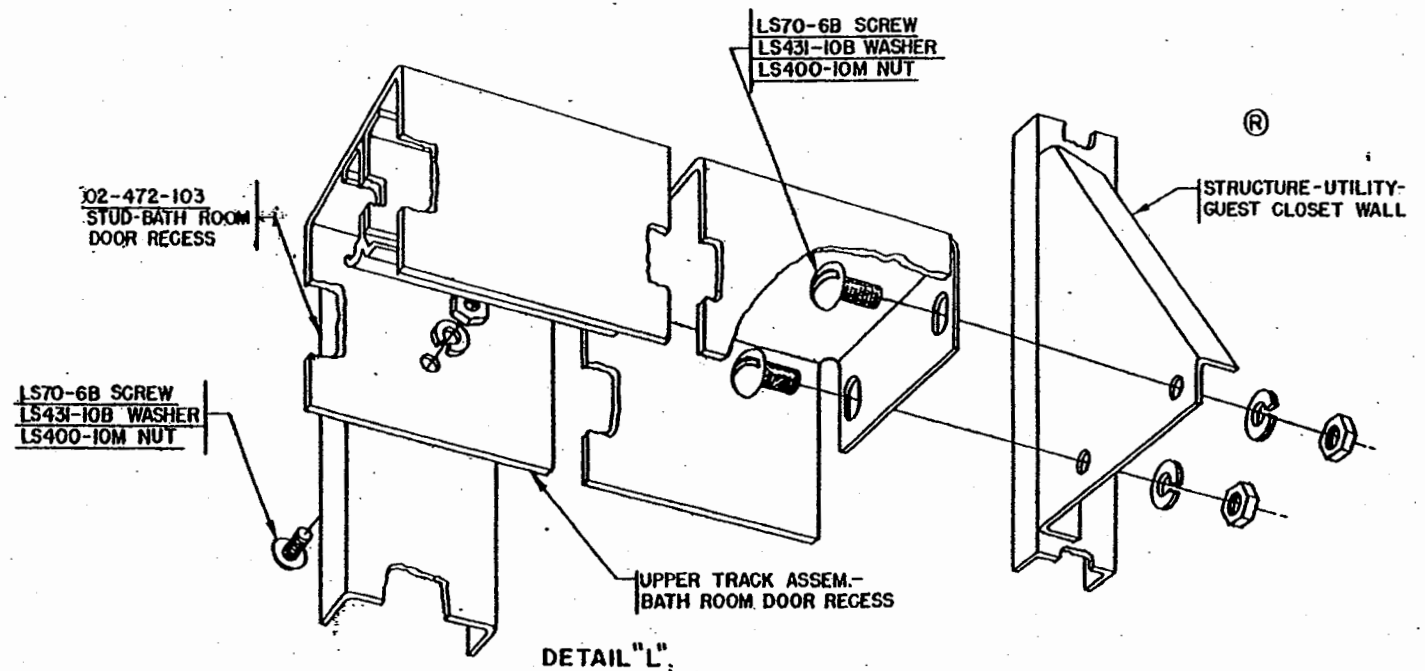
RELEASE NO. NP-687	DATE 6-22-49
NP-717	7-20-49



DETAIL "K" ®



DETAIL "M" ®

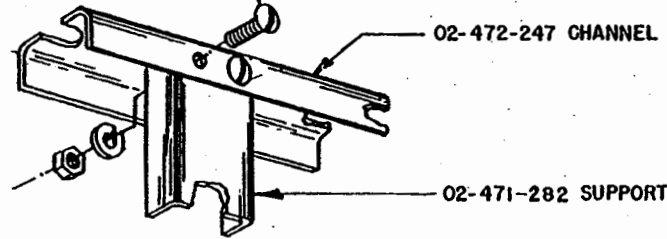


DETAIL "L" ®



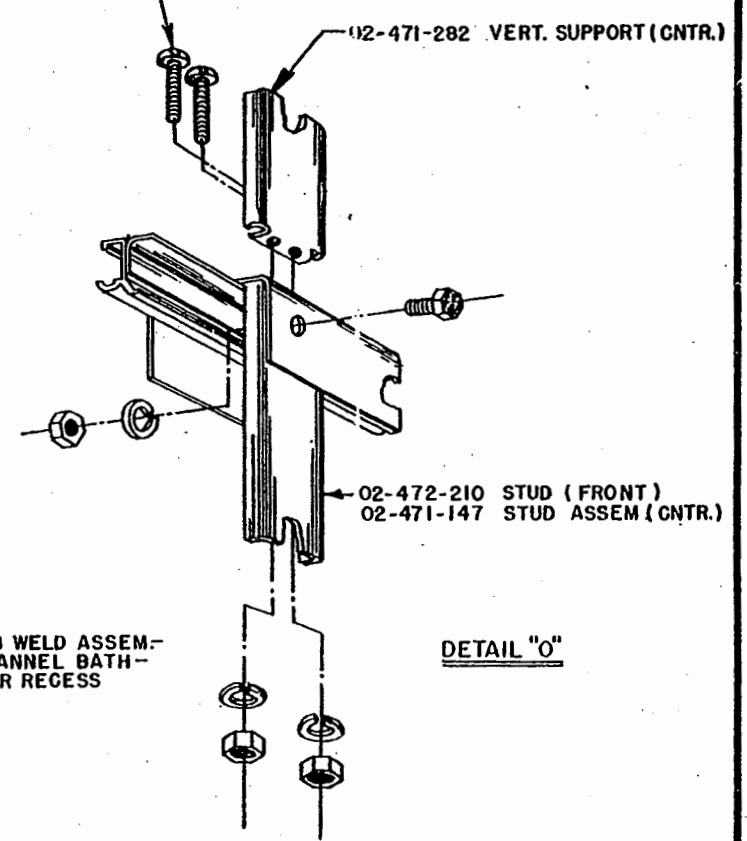
ERECTION		MANUAL	
TITLE GUEST CLOSET-STRUCTURAL DETAILS			
PREPARED BY J B R	DATE 6-22-49	EFF. 825 & SUBS.	
REVISOR W G G	BY W G G	DRAWING NUMBER EM-02-P-12.13	

10-24 X 3/8" RND. HD. SLTD. MACH. SCR.,  
CAD. PL. (LS70-6B)  
10 MED. SPR. LOCKWASHER, CAD. PL.  
(LS431-10B)  
10-24 HEX NUT, NKL. PL. (LS400-10M)  
(TYP.)



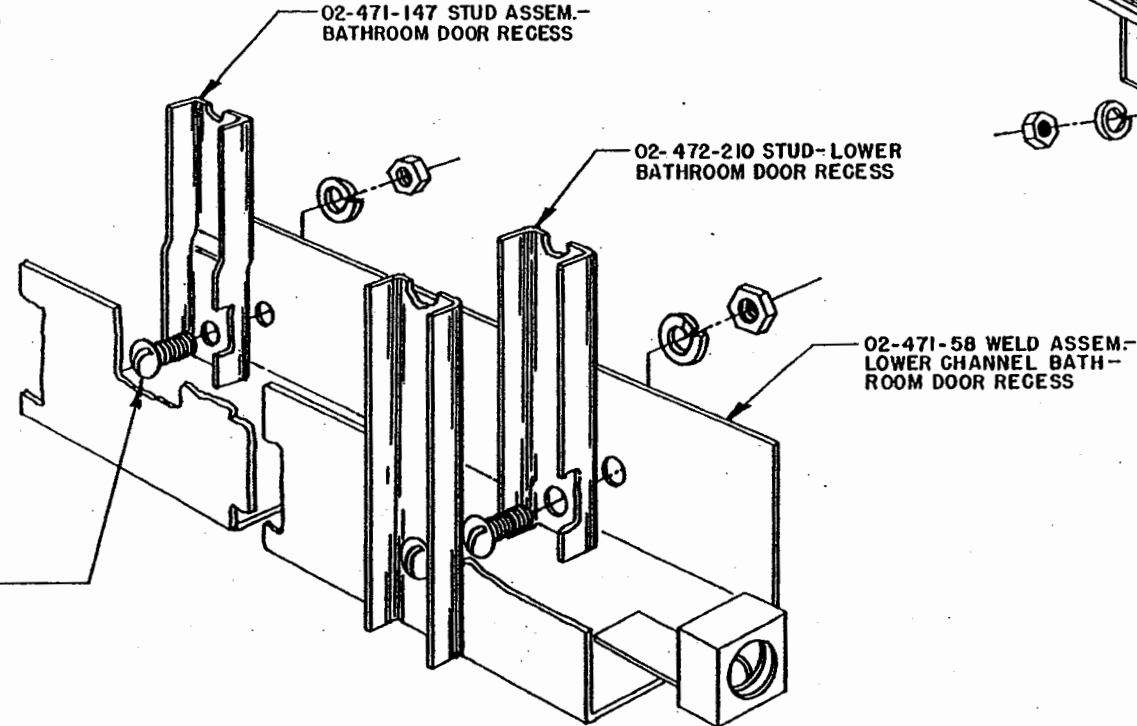
DETAIL "N"

10-24 X 3/8" RND. HD. SLTD. MACH. SCR.,  
CAD. PL. (LS70-6B)  
10 MED. SPR. LOCKWASHER, CAD. PL.  
(LS431-10B)  
10-24 HEX NUT, NKL. PL. (LS400-10M)  
(TYP.)



DETAIL "O"

10-24 X 3/8" RND. HD. SLTD. MACH. SCR.,  
CAD. PL. (LS70-6B)  
10 MED. SPR. LOCKWASHER, CAD. PL.  
(LS431-10B)  
10-24 HEX NUT, NKL. PL. (LS400-10M)  
(TYP.)



DETAIL "P"

THIS PAGE SUPERSEDES PAGE EM-02-P-12.14  
AT HOUSE N° 1301.



ERECTION		MANUAL	
TITLE GUEST CLOSET - STRUCTURAL DETAILS			
PREPARED BY W. C. G.	DATE 8-2-49	EFF. 1301 & SUBS.	
		DRAWING NUMBER EM-02-P-12.17	



RELEASE NO. NP-687	DATE 6-20-49	RELEASE NO. NP-331	DATE 1-20-49
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**STEP N° 7**

INSTALL 02-471-92 PANEL WELD ASSEMBLY. POSITION UPPER FLANGE INTO CLIP ON TRACK CHANNEL. SECURE REAR FLANGE OF PANEL TO UTILITY-GUEST CLOSET WALL, AND BOTTOM OF "V" FLANGE TO LOWER DOOR RECESS CHANNEL, USING

(6) LS244-10B SCREW

SEE DETAIL "A"  
PAGE N° EM-02-P-20.11

**STEP N° 8**

INSTALL 02-471-94 JAMB PANEL ASSEMBLY. POSITION UPPER FLANGE INTO CLIP ON TRACK CHANNEL, AND "X" FLANGE INTO "V" FLANGE OF 02-471-92. SECURE "V" FLANGE TO TRACK CHANNEL AT TOP AND DOOR RECESS CHANNEL AT BOTTOM, USING

(2) LS244-10B SCREW

SEE DETAIL "A"  
PAGE N° EM-02-P-20.11

**STEP N° 9**

INSTALL 02-472-100 STUD AND SECURE TO FRONT FRAME ASSEMBLY, USING

(2) LS70-6B SCREW  
(2) LS431-10B LOCK WASHER  
(2) LS400-10M NUT

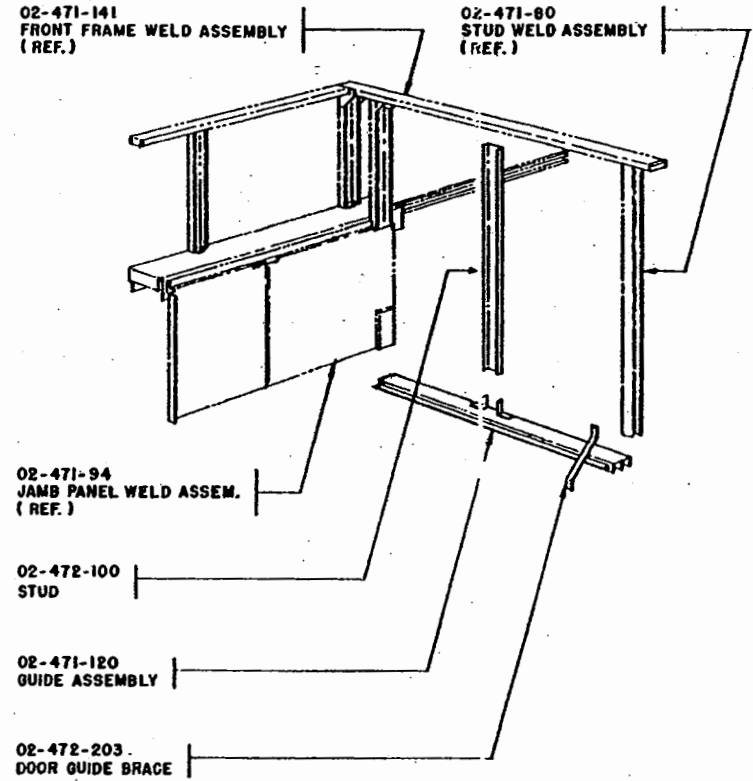
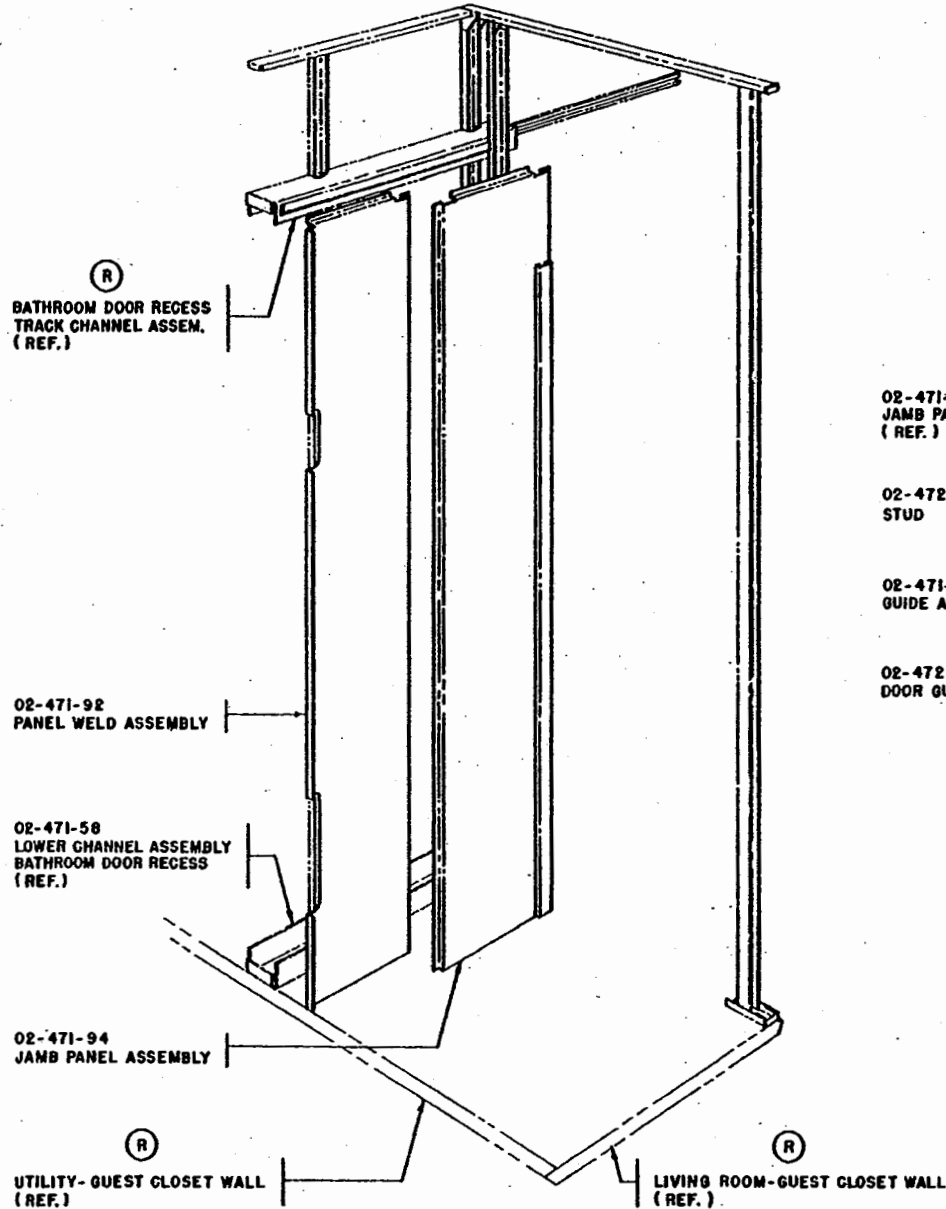
INSTALL 02-471-120 GUIDE ASSEMBLY AND SECURE TO STUD, USING

(2) LS68-8B SCREW  
(2) LS431-8B LOCK WASHER  
(2) LS400-8B NUT

INSTALL 02-472-203 DOOR GUIDE BRACE. SECURE DOOR GUIDE ASSEMBLY TO 02-471-80 STUD WELD ASSEMBLY, AND DOOR GUIDE BRACE TO DOOR GUIDE AND STUD WELD ASSEMBLIES, USING

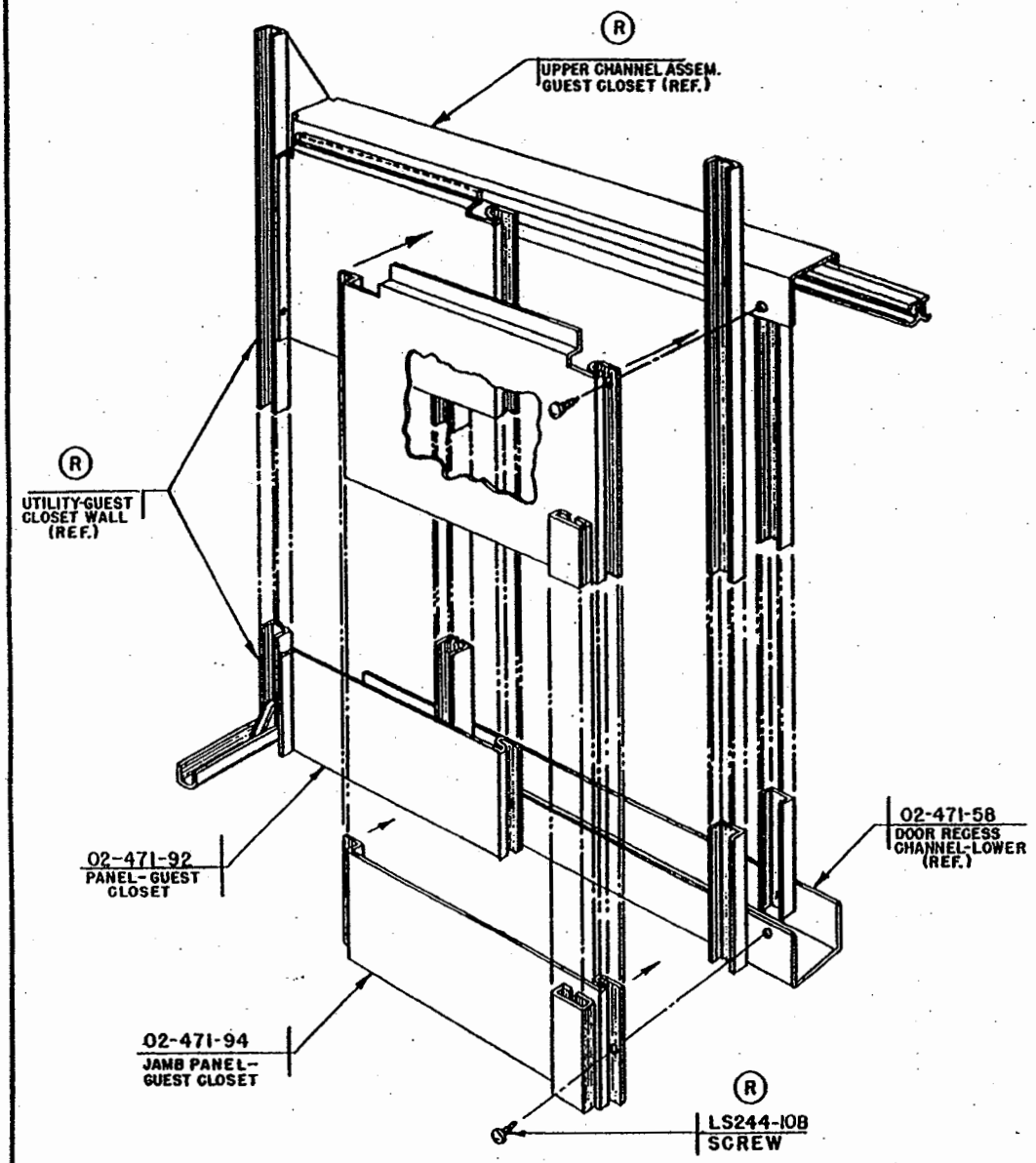
(3) LS70-6B SCREW  
(3) LS431-10B LOCK WASHER  
(3) LS400-10M NUT

SEE DETAIL "B"  
PAGE N° EM-02-P-20.11

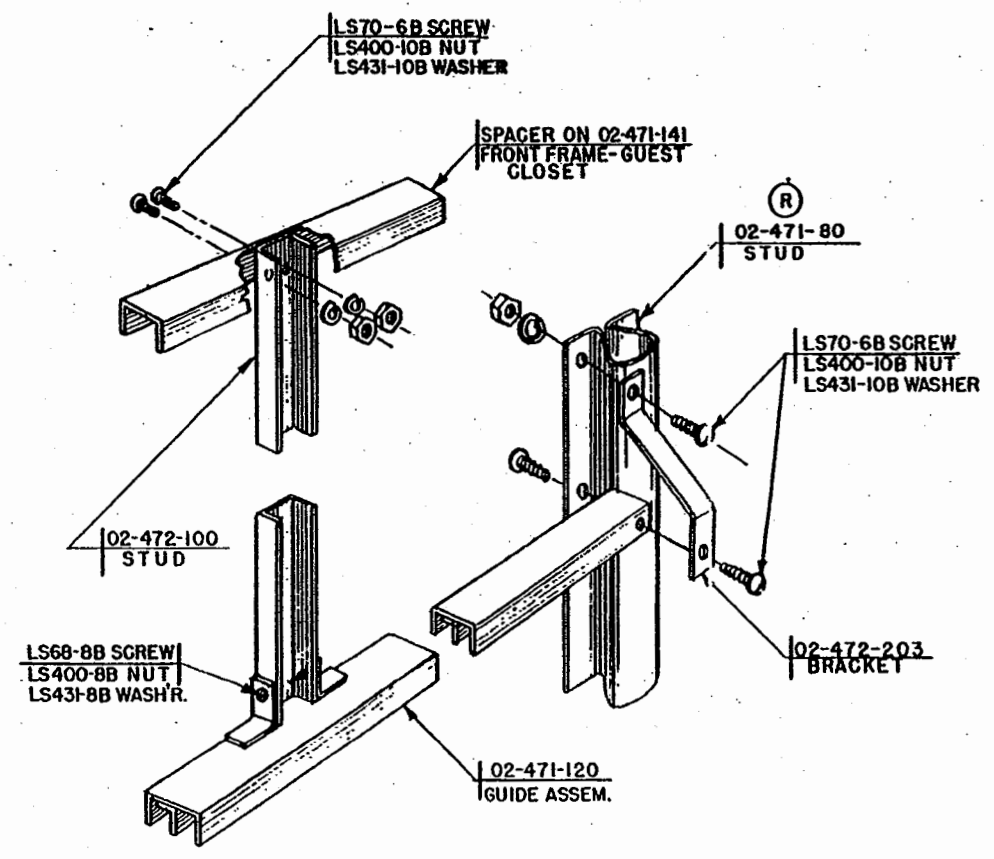


ERECTION		MANUAL	
TITLE GUEST CLOSET - INTERIOR PANELS			
PREPARED BY J B R	DATE 1-17-49	EFF. 101 & SUBS.	
REVISED (R) 6-20-49	BY J B R	DRAWING NUMBER EM-02-P-20.1	

REL. NO. NP-328	DATE 1-21-49
NP-687	6-20-49



**DETAIL "A"**  
 STEP N<sup>o</sup>s 7 & 8 PAGE  
 N<sup>o</sup> EM-02-P-20.1



**DETAIL "B"**  
 STEP N<sup>o</sup> 9  
 PAGE N<sup>o</sup> EM-02-P-20.1



ERECTION		MANUAL	
TITLE GUEST CLOSET-INTERIOR DETAILS			
PREPARED BY W C G	DATE 1-21-49	EFF. 101 & SUBS.	
REVISED 6-20-49	(R) BY J B R	DRAWING NUMBER EM-02-P-20.11	

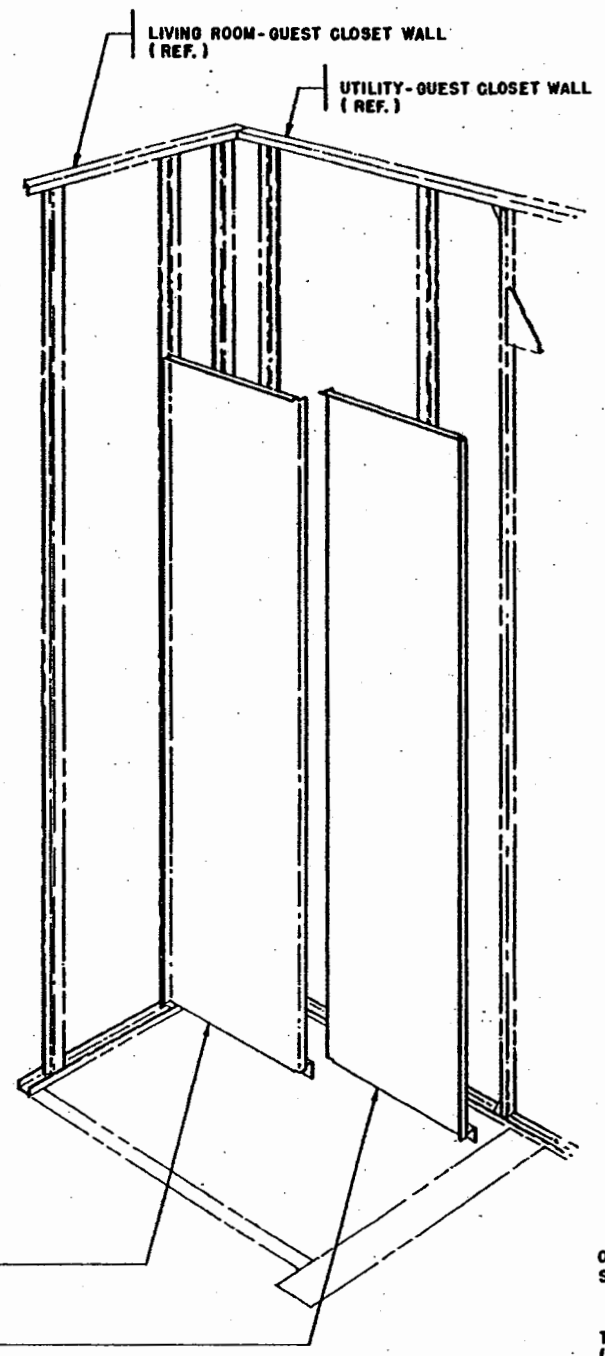
**STEP N° 10**

ATTACH 02-471-96 BACK PANEL ASSEMBLY TO 02-471-139 BACK PANEL ASSEMBLY, USING (6) LS244-10B SCREW

INSTALL THE ABOVE TWO-PANEL ASSEMBLY. SECURE RIGHT HAND FLANGE TO 02-471-92 SIDE PANEL WELD ASSEMBLY (REF.), USING (6) LS244-10B SCREW

SECURE BOTTOM FLANGES OF TWO-PANEL ASSEMBLY TO BOTTOM SPACER OF UTILITY-GUEST CLOSET WALL, USING (4) LS244-10B

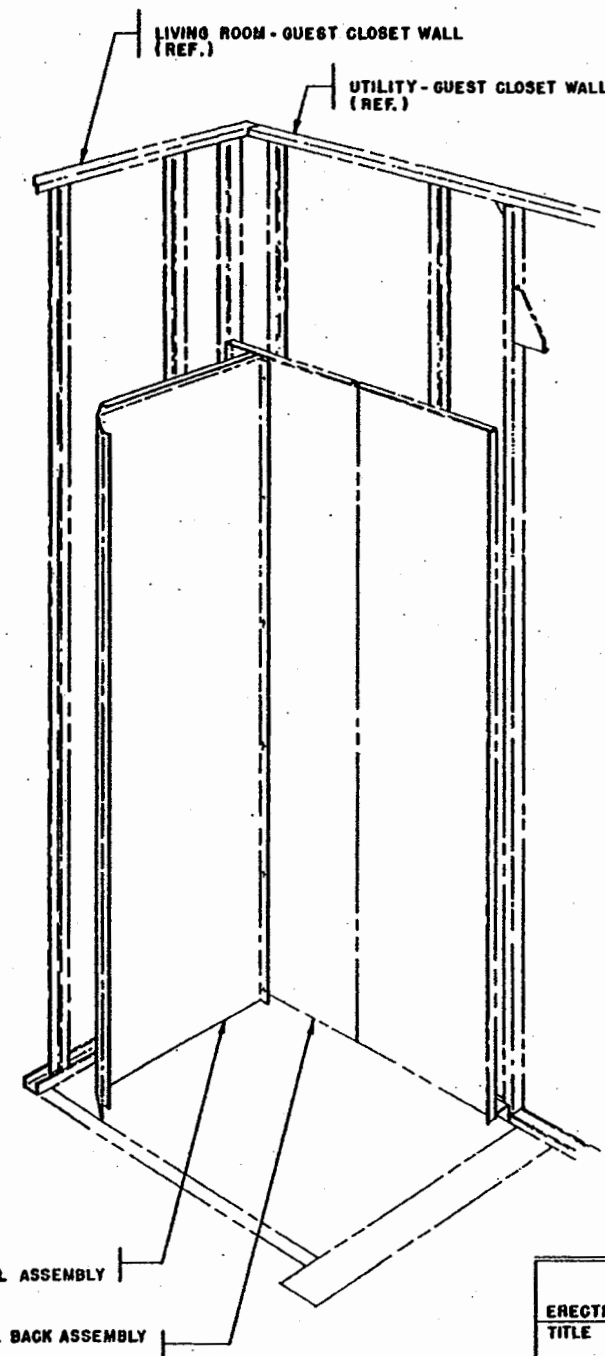
SEE DETAIL "A"  
PAGE N° EM-02-P-31.11



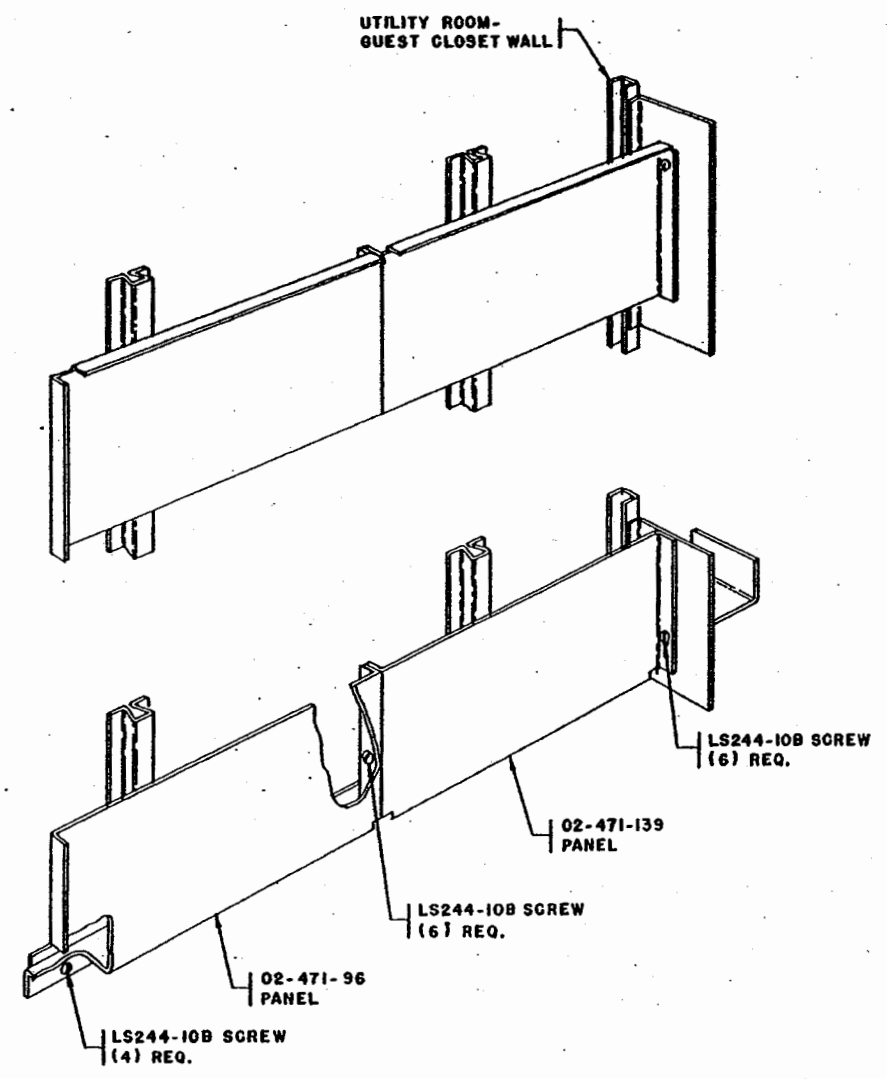
**STEP N° 11**

INSTALL 02-471-127 SIDE PANEL ASSEMBLY AS SHOWN. SECURE RIGHT HAND FLANGE OF SIDE PANEL TO TWO-PANEL BACK ASSEMBLY, USING (6) LS244-10B SCREW

POSITION FRONT OFFSET OF SIDE PANEL INTO CORNER AND ALIGN HOLES WITH HOLES IN 02-471-60 STUD WELD ASSEMBLY (REF.)



ERECTION		MANUAL
TITLE GUEST CLOSET - INTERIOR PANELS		
PREPARED BY J B R	DATE 6-22-49	EFF 511 & SUBS.
		DRAWING NUMBER EM-02-P-31.1



**DETAIL "A"**  
 STEP N° 10  
 PAGE N° EM-02-P-31.I



ERECTION		MANUAL
TITLE GUEST CLOSET - INTERIOR DETAILS		
PREPARED BY JBR	DATE 6-22-49	EFF. 511 & SUBS.
		DRAWING NUMBER EM-02-P-31.II

**STEP N° 12**

AFTER LIVING ROOM WALL IS paneled AND CORNER PANEL INSTALLED, INSTALL 02-312-19 19 PANEL AND 02-471-154 PANEL ASSEMBLY. SECURE TO STRUCTURE AS IN STANDARD PANELING PROCEDURE, USING  
(9) LS244-10B SCREW

INSTALL 02-471-155 TRIM PANEL ASSEMBLY, AND SECURE RIGHT END TO JAMB PANEL ASSEMBLY, USING  
(2) LS244-10B SCREW

SEE DETAIL "A"  
PAGE N° EM-02-P-44.11

SECURE RIGHT END OF 02-471-120 DOOR GUIDE ASSEMBLY (REF.) TO JAMB PANEL ASSEMBLY, USING  
(2) LS244-10B SCREW

**STEP N° 13**

INSTALL 02-311-113 DOOR JAMB PANEL ASSEMBLY AS IN STANDARD PANELING PROCEDURE. SECURE "V" FLANGE TO BATHROOM DOOR TRACK CHANNEL AT TOP AND BATHROOM DOOR RECESS LOWER CHANNEL AT BOTTOM, USING  
(2) LS244-10B SCREW

**STEP N° 14**

INSTALL 02-471-93 TOP PANEL ASSEMBLY, AND SECURE TO STRUCTURE AND INTERIOR PANELS, USING  
(17) LS204-8B SCREW

SEE DETAIL "B"  
PAGE N° EM-02-P-44.12

INSTALL 02-471-122 JAMB PANEL ASSEMBLY. SECURE JAMB PANEL AND 02-471-127 SIDE PANEL ASSEMBLY (REF.) TO 02-471-80 STUD WELD ASSEMBLY (REF.), USING  
(4) LS244-10B SCREW

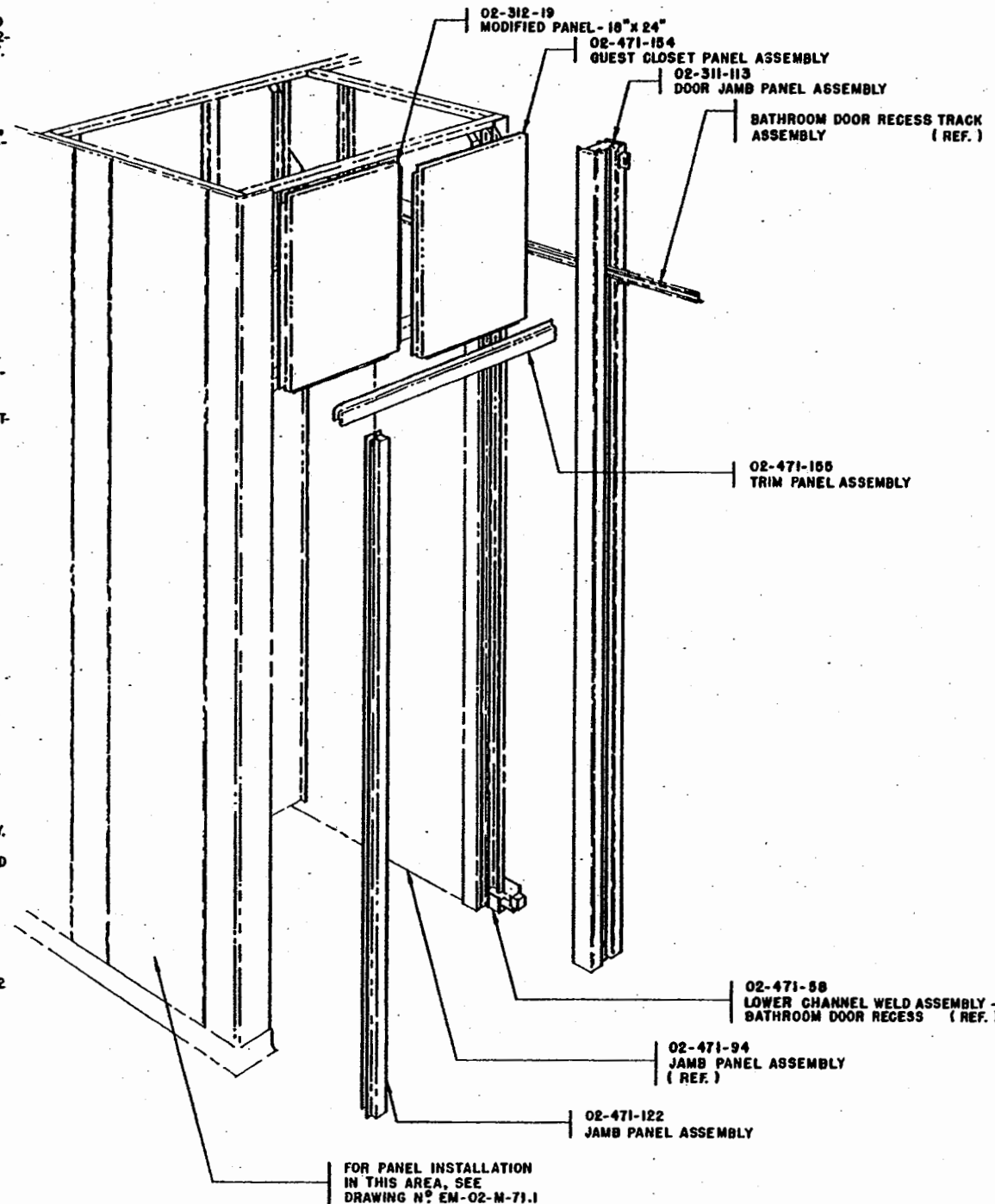
SEE DETAIL "B"  
PAGE N° EM-02-P-44.11

INSTALL 02-471-128 SHELF. INSTALL 02-482-67 CLOTHES ROD WITH (2) 02-452-32 MOUNTING FLANGE, USING  
(4) LS244-10B SCREW

SEE DETAIL "B"  
PAGE N° EM-02-P-44.12

**STEP N° 15**

POSITION 02-472-171 DOOR TRACK. INSTALL (1) 02-471-206 AND (1) 02-471-207 SLIDING DOOR. ALIGN DOORS, AND LOCATE TRACK.



**STEP N° 15 (CONTINUED)**

STAR DRILL HOLES IN CONCRETE FOR (2) 02-202-89 EXPANSION SHIELD, AND INSTALL SHIELDS. REPOSITION AND SECURE DOOR TRACK, USING  
(2) LS60-5B SCREW

SEE DETAIL "A"  
PAGE N° EM-02-P-44.12

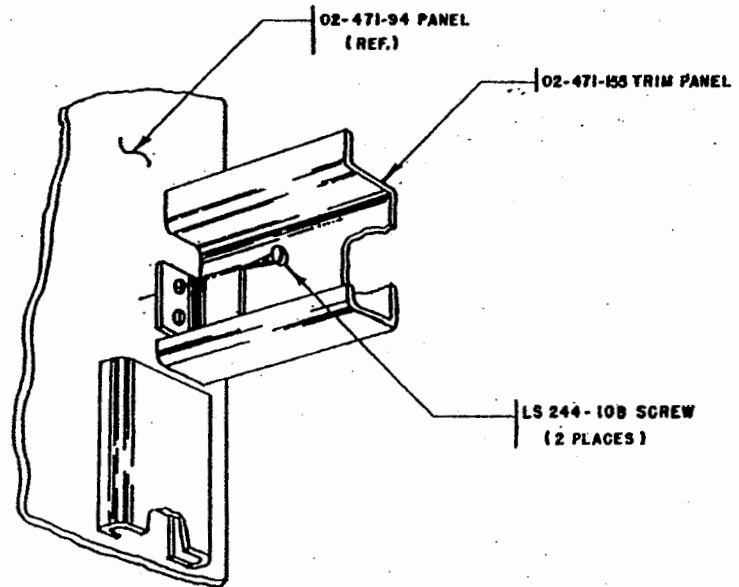
INSTALL DOORS. ADJUST SLIDERS AND LOCK IN POSITION,

TIGHTEN SET SCREWS.

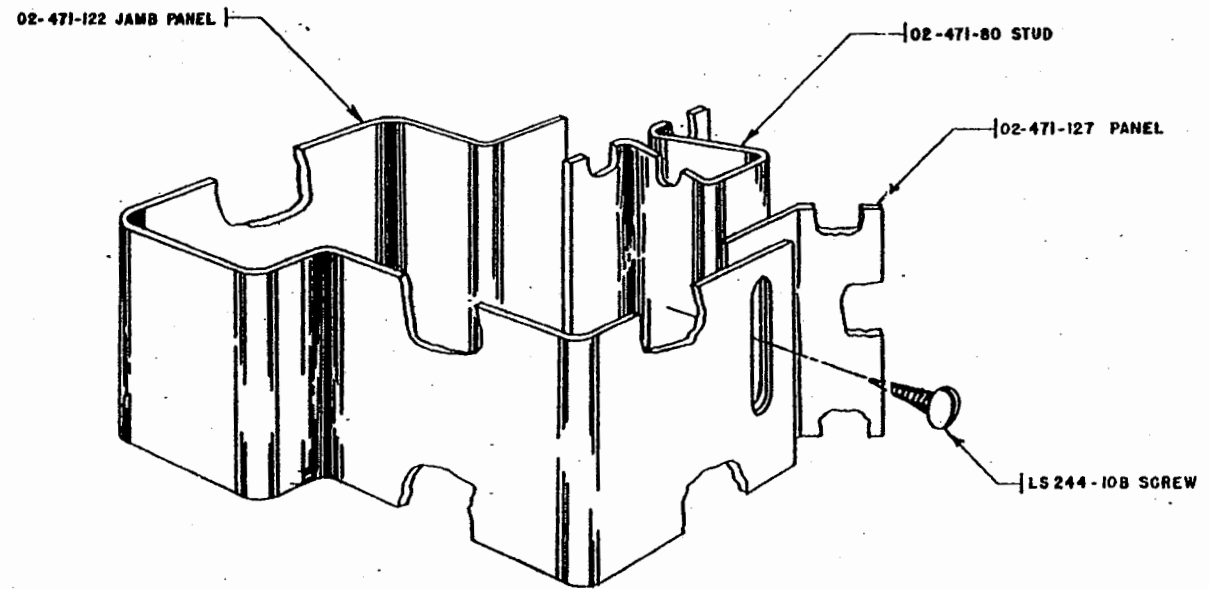


ERECTION		MANUAL
TITLE GUEST CLOSET - EXTERIOR PANELS		
PREPARED BY JBR	DATE 6-22-49	EFF. 623 & SUBS.
		DRAWING NUMBER EM-02-P-44.1

FOR PANEL INSTALLATION IN THIS AREA, SEE DRAWING N° EM-02-M-71.1



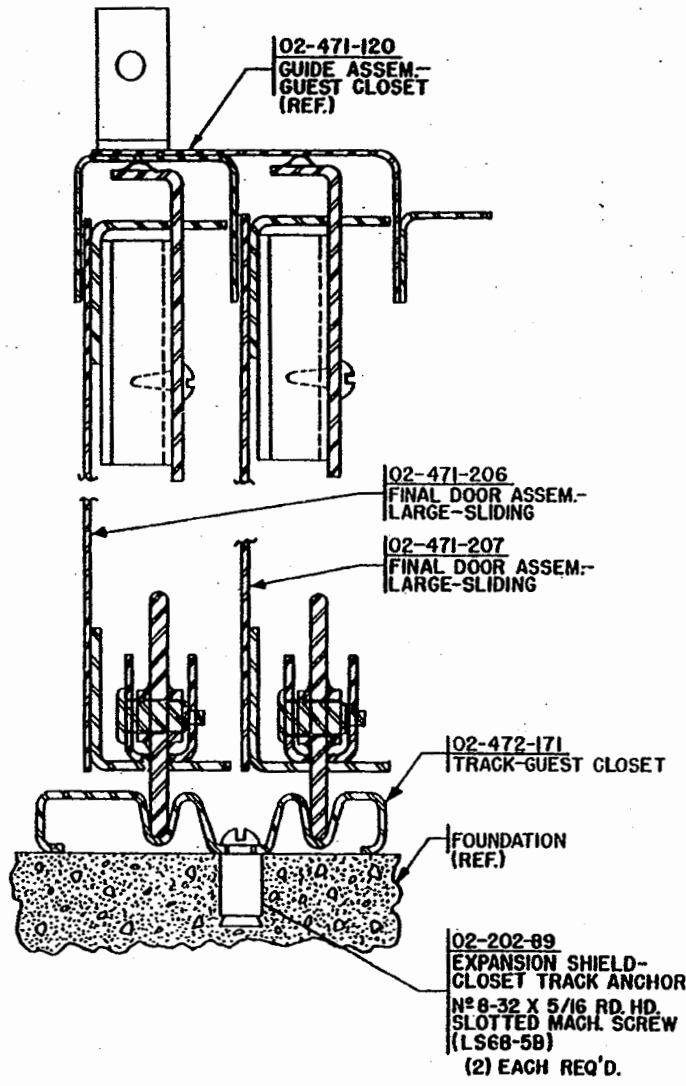
**DETAIL "A"**  
STEP N°12 EM-02-P-44.1



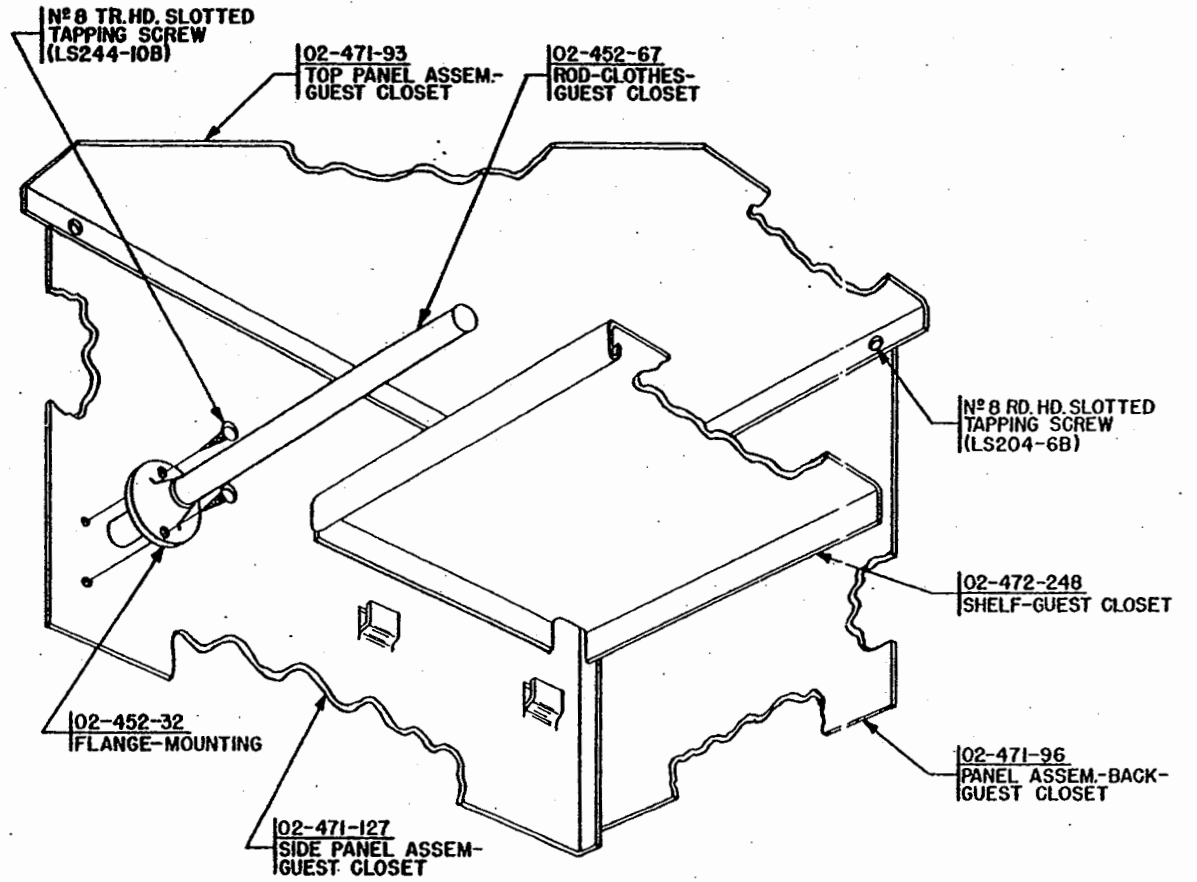
**DETAIL "B"**  
STEP N°15 EM-02-P-44.1  
STEP N°14 EM-02-P-44.1



ERECTION		MANUAL
TITLE GUEST CLOSET-TRIM DETAILS		
PREPARED BY J B R	DATE 6-22-49	EFF. 623 & SUBS.
		DRAWING NUMBER EM-02-P-44.11



**DETAIL "A"**  
STEP N° 15 EM-02-P-44.1



**DETAIL "B"**  
STEP N° 14 EM-02-P-44.1



ERECTION		MANUAL	
TITLE <b>GUEST CLOSET DETAILS</b>			
PREPARED BY R. L. S.	DATE 6-22-49	EFF. 623 & SUB.	
		DRAWING NUMBER <b>EM-02-P-44.12</b>	

**STEP N° 12**

AFTER LIVING ROOM WALL IS paneled AND CORNER PANEL INSTALLED, INSTALL 02-312-19 PANEL AND 02-471-154 PANEL ASSEMBLY. SECURE TO STRUCTURE AS IN STANDARD PANELING PROCEDURE, USING  
(9) LS244-10B SCREW

INSTALL 02-471-155 TRIM PANEL ASSEMBLY, AND SECURE RIGHT END TO JAMB PANEL ASSEMBLY, USING  
(2) LS244-10B SCREW

SEE DETAIL "A"  
PAGE N° EM-02-P-44.11

SECURE RIGHT END OF 02-471-120 DOOR GUIDE ASSEMBLY (REF.) TO JAMB PANEL ASSEMBLY, USING  
(2) LS244-10B SCREW

**STEP N° 13**

INSTALL 02-311-113 DOOR JAMB PANEL ASSEMBLY AS IN STANDARD PANELING PROCEDURE. SECURE "V" FLANGE TO BATHROOM DOOR TRACK CHANNEL AT TOP AND BATHROOM DOOR RECESS LOWER CHANNEL AT BOTTOM, USING  
(2) LS244-10B SCREW

**STEP N° 14**

INSTALL 02-471-93 TOP PANEL ASSEMBLY, AND SECURE TO STRUCTURE AND INTERIOR PANELS, USING  
(17) LS204-8B SCREW

SEE DETAIL "B"  
PAGE N° EM-02-P-44.12

INSTALL 02-471-203 JAMB PANEL ASSEMBLY. SECURE JAMB PANEL AND 02-471-127 SIDE PANEL ASSEMBLY (REF.) TO 02-471-80 STUD WELD ASSEMBLY (REF.), USING  
(4) LS244-10B SCREW

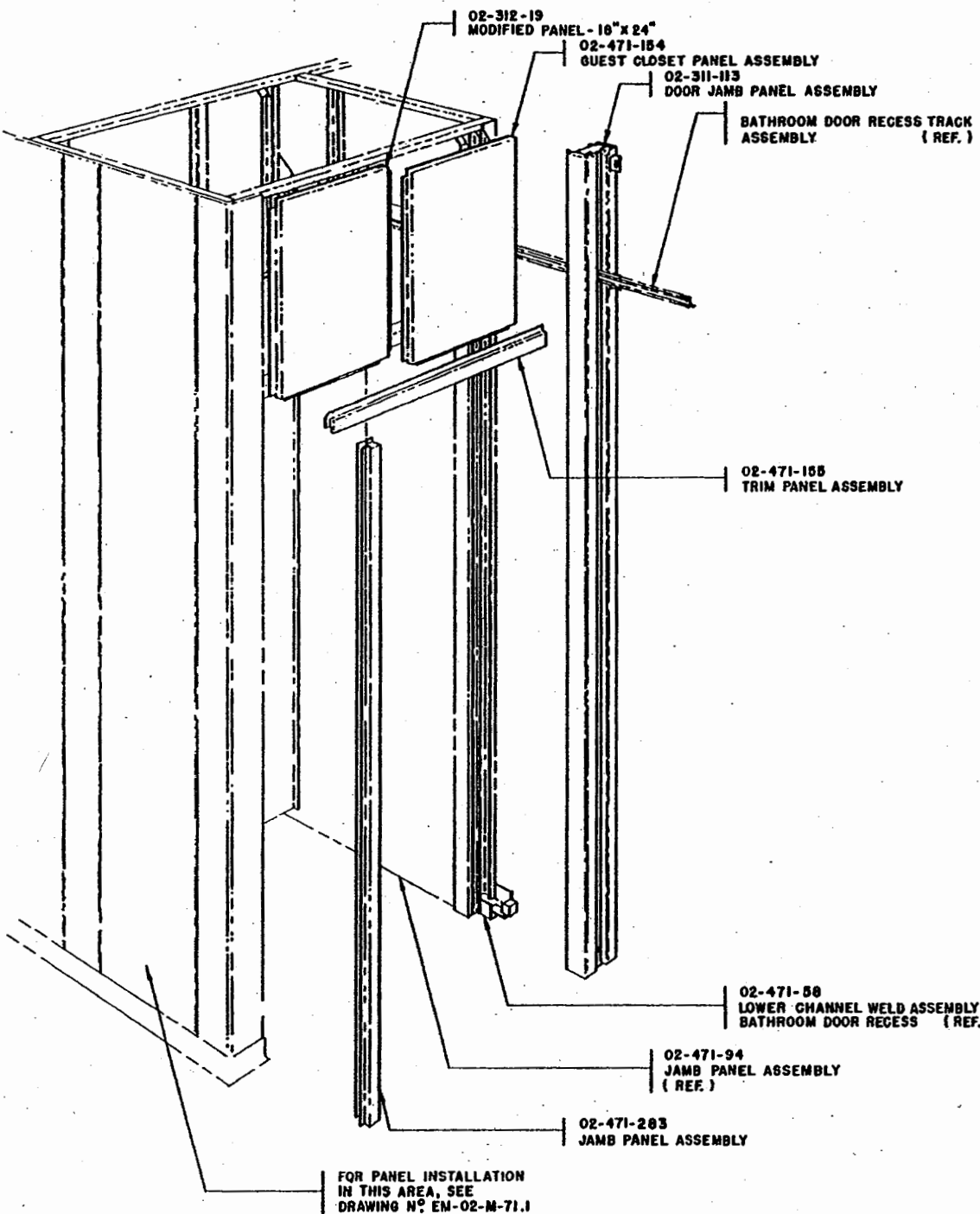
SEE DETAIL "B"  
PAGE N° EM-02-P-44.11

INSTALL 02-471-126 SHELF. INSTALL 02-482-87 CLOTHES ROD WITH (2) 02-452-32 MOUNTING FLANGE, USING  
(4) LS244-10B SCREW

SEE DETAIL "B"  
PAGE N° EM-02-P-44.12

**STEP N° 15**

POSITION 02-472-171 DOOR TRACK. INSTALL (1) 02-471-206 AND (1) 02-471-207 SLIDING DOOR. ALIGN DOORS, AND LOCATE TRACK.



**STEP N° 15 CONTINUED**

STAR DRILL HOLES IN CONCRETE FOR (2) 02-202-89 EXPANSION SHIELD, AND INSTALL SHIELDS. REPOSITION AND SECURE DOOR TRACK, USING  
(2) LS20-58 SCREW

SEE DETAIL "A"  
PAGE N° EM-02-P-44.12

INSTALL DOORS. ADJUST SLIDERS AND LOCK IN POSITION,

TIGHTEN SET SCREWS.



ERECTION	MANUAL	
TITLE	GUEST CLOSET - EXTERIOR PANELS	
PREPARED BY JBR	DATE 6-22-49	EFF. 2001 & SUBS.
		DRAWING NUMBER EM-02-P-45.1

FOR PANEL INSTALLATION IN THIS AREA, SEE DRAWING N° EM-02-M-71.1



RELEASE NO. NP-632	DATE 4-20-49
NP-678	6-6-49

**STEP 1:** ATTACH BACK COVER PLATE 02-472-46 TO BOTTOM SHELF 02-471-21 USING (2) LS244-10B NO. 8 TR. HD. SLOTTED TAPPING SCREWS. BOLT BOTTOM SHELF TO 02-201-81 WALL SECTION USING LS4-10B HEX HEAD BOLT. SEE FIG. 1.

**STEP 2:** ATTACH TOP SHELF 02-471-82 TO TOP WALL SECTION SPAGER 02-201-81 WITH LS4-10B HEX HD. BOLT. ATTACH 02-472-46 BACK COVER PLATE TO TOP SHELF USING NO. 8 TR. HD. SLOTTED TAPPING SCREWS, LS244-10B

**STEP 3:** ATTACH (6) 02-472-47 VERTICAL ANGLES, (3) ON RIGHT SIDE OF CABINET & (3) ON LEFT SIDE OF CABINET, LINKING TOP & BOTTOM SHELVES. USE LS68-5B MACHINE SCREWS AND LS407-8M LOW CROWN ACORN NUTS AND LS433-8B WASHERS. SEE FIGS. 1 AND 2.

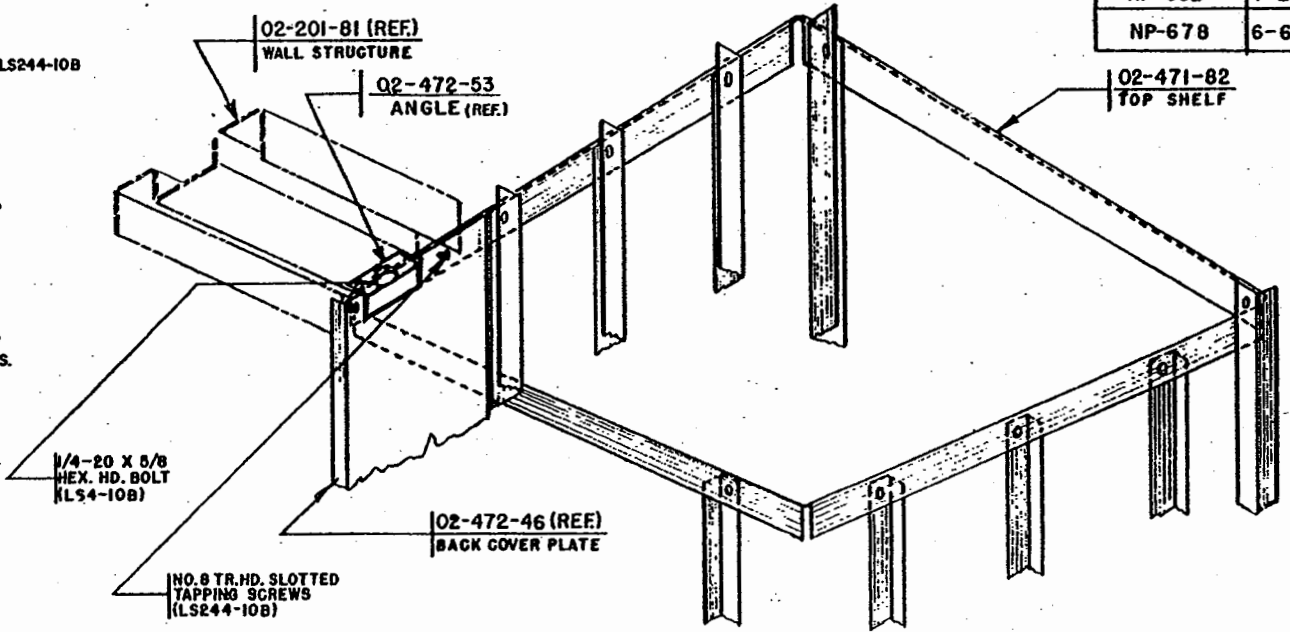


FIG. 2

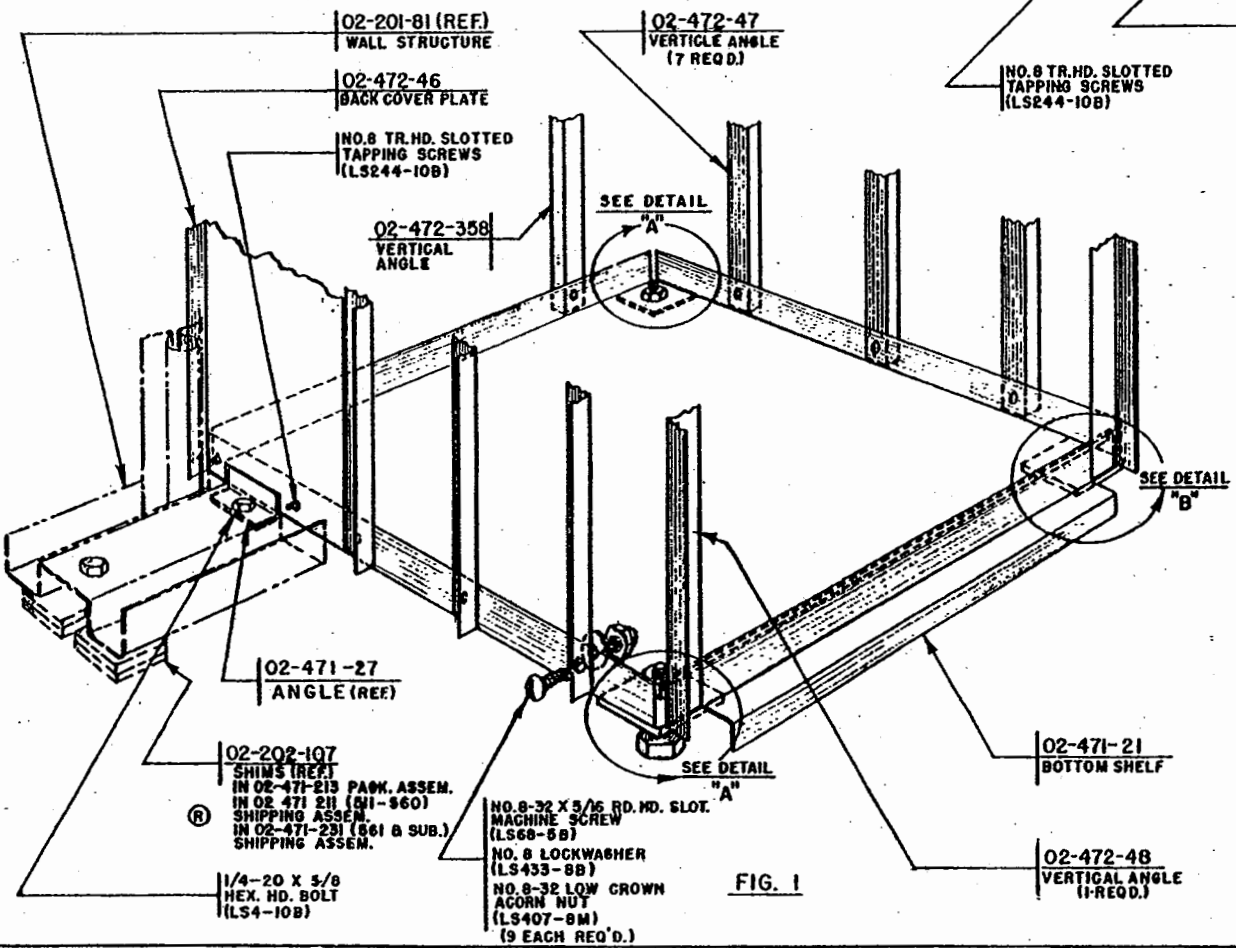


FIG. 1

**STEP 4:** ATTACH CENTER SHELF 02-472-42 AS SHOWN IN FIG. 3 DWG. EM-02-Q-II.II.

**STEP 5:** INSTALL (2) VERTICAL ANGLES 02-472-358 & 02-472-47, ONE AT REAR OF CABINET AND ONE AT RIGHT FRONT CORNER, AS SHOWN. INSTALL 02-472-48 VERTICAL ANGLE AT FRONT LEFT CORNER OF CABINET. USE LS68-5B MACHINE SCREWS AND LS433 8B LOCKWASHERS AND LS407 8M LOW CROWN ACORN NUTS. FIG. 1.

**STEP 6:** LEVEL & PLUMB BROOM CABINET STRUCTURE. SEE DETAIL "A" DWG. EM-02-Q-II.II. DRILL HOLE IN CONCRETE FLOOR AT RIGHT FRONT CABINET CORNER AND INSTALL EXPANSION SHIELD 02-202-131 & SHIMS 02-202-107 AS NECESSARY. SEE DETAIL "B" DWG. EM-02-Q-II.II.



ERECTION		MANUAL	
TITLE BROOM CABINET-ASSEMBLY			
PREPARED BY W.G.C.	DATE 4-20-49	EFF. 511 & SUB.	
REVISED 6-6-49	R.L.S.	DRAWING NUMBER EM-02-Q-II.I	

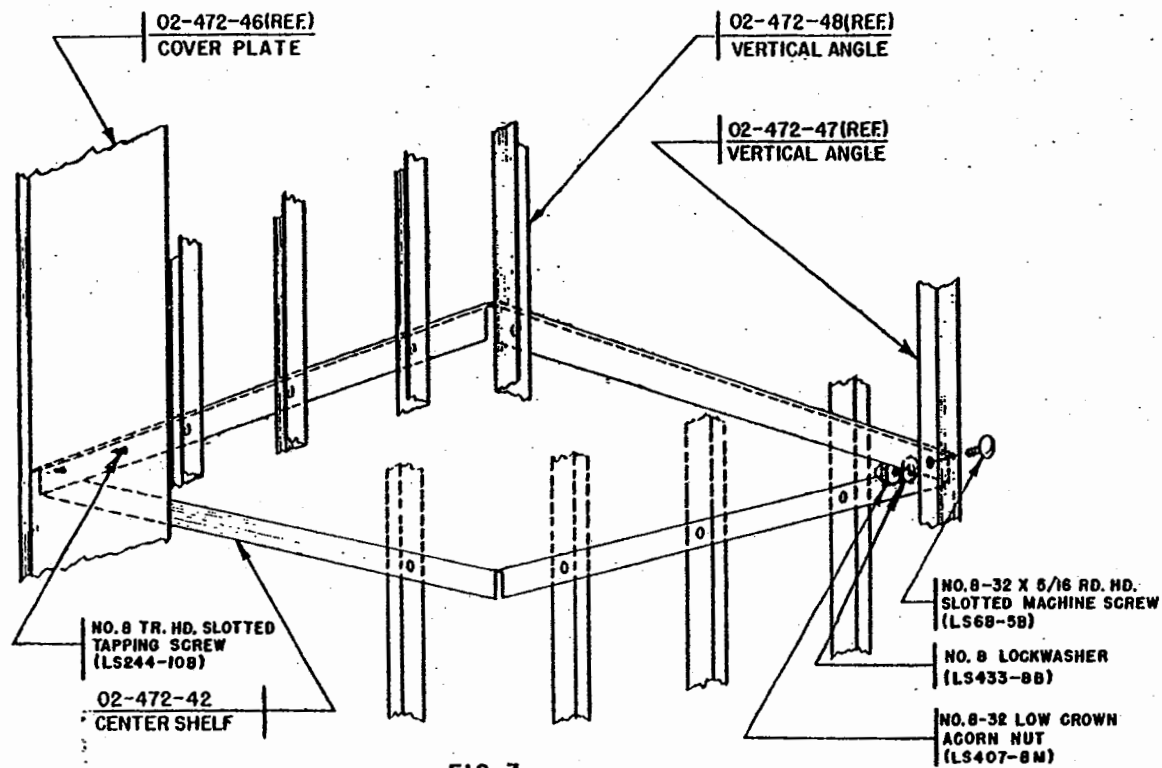
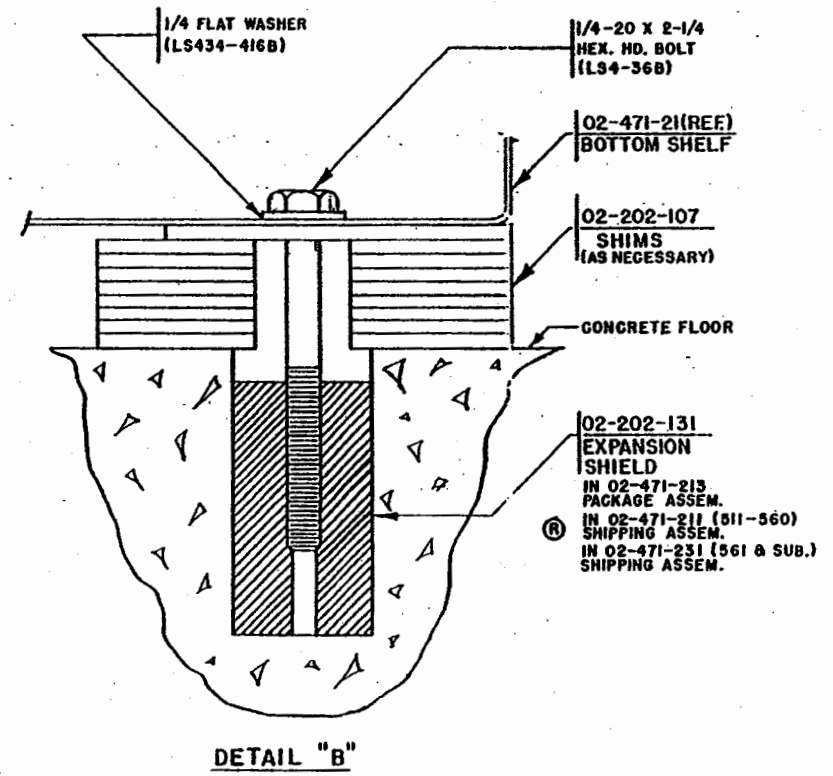
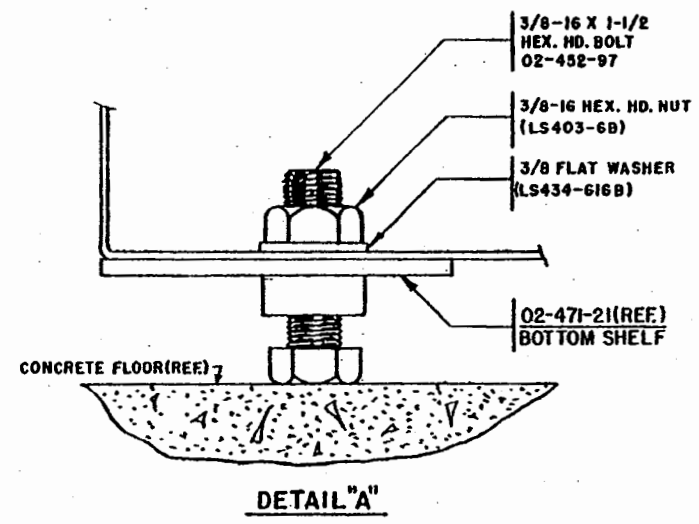


FIG. 3



DETAIL "B"



DETAIL "A"



ERECTION		MANUAL	
TITLE BROOM CABINET ASSEM. & DET'S.			
RELEASE NO. NP-678	DATE 6-6-49	PREPARED BY W.G.G.	DATE 4-20-49
RELEASE NO. NP-632	DATE 4-20-49	REVISED 6-6-49	R.L.S.
EFF. 511 & SUB.			DRAWING NUMBER EM-02-Q-11.11

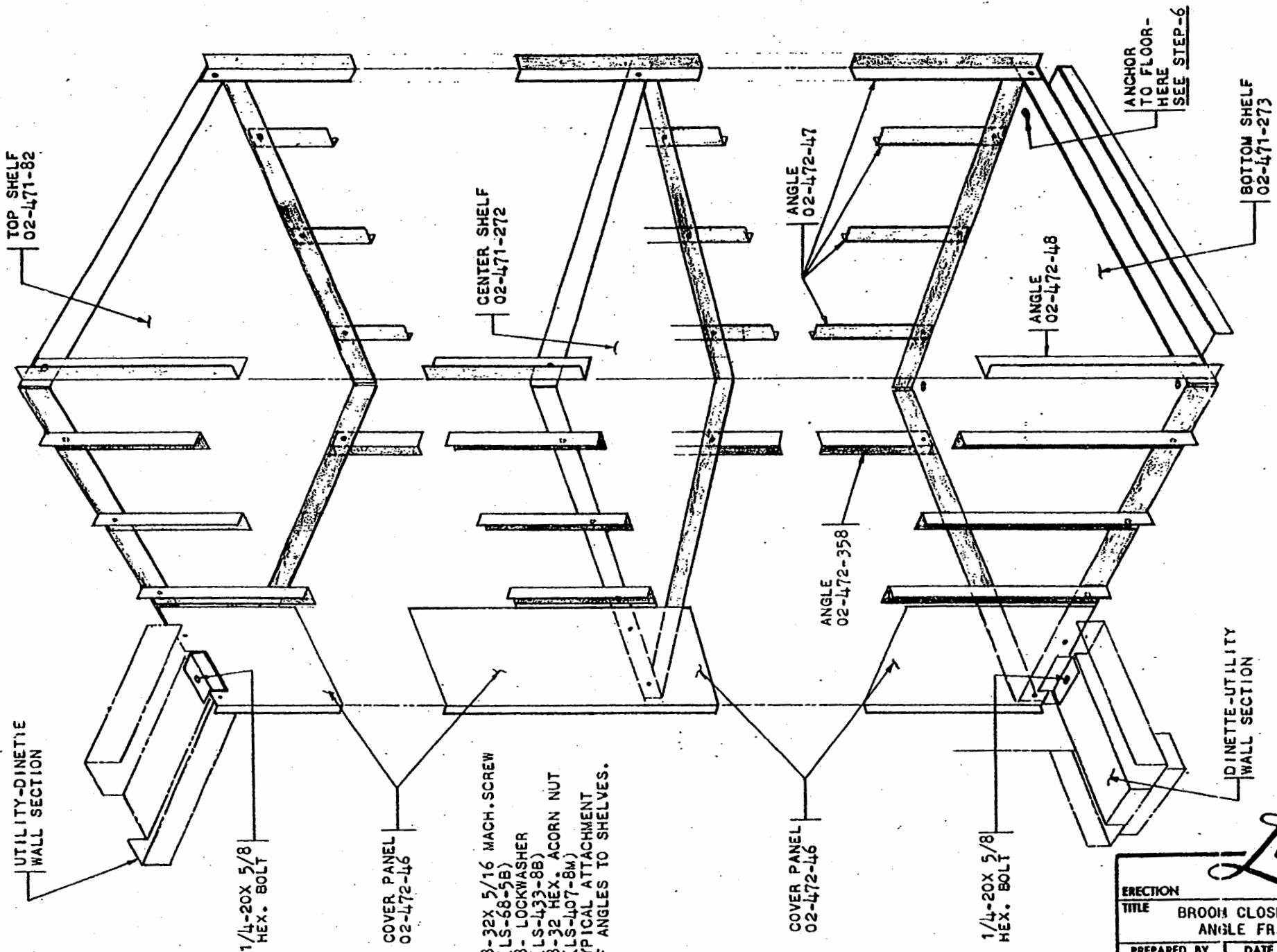


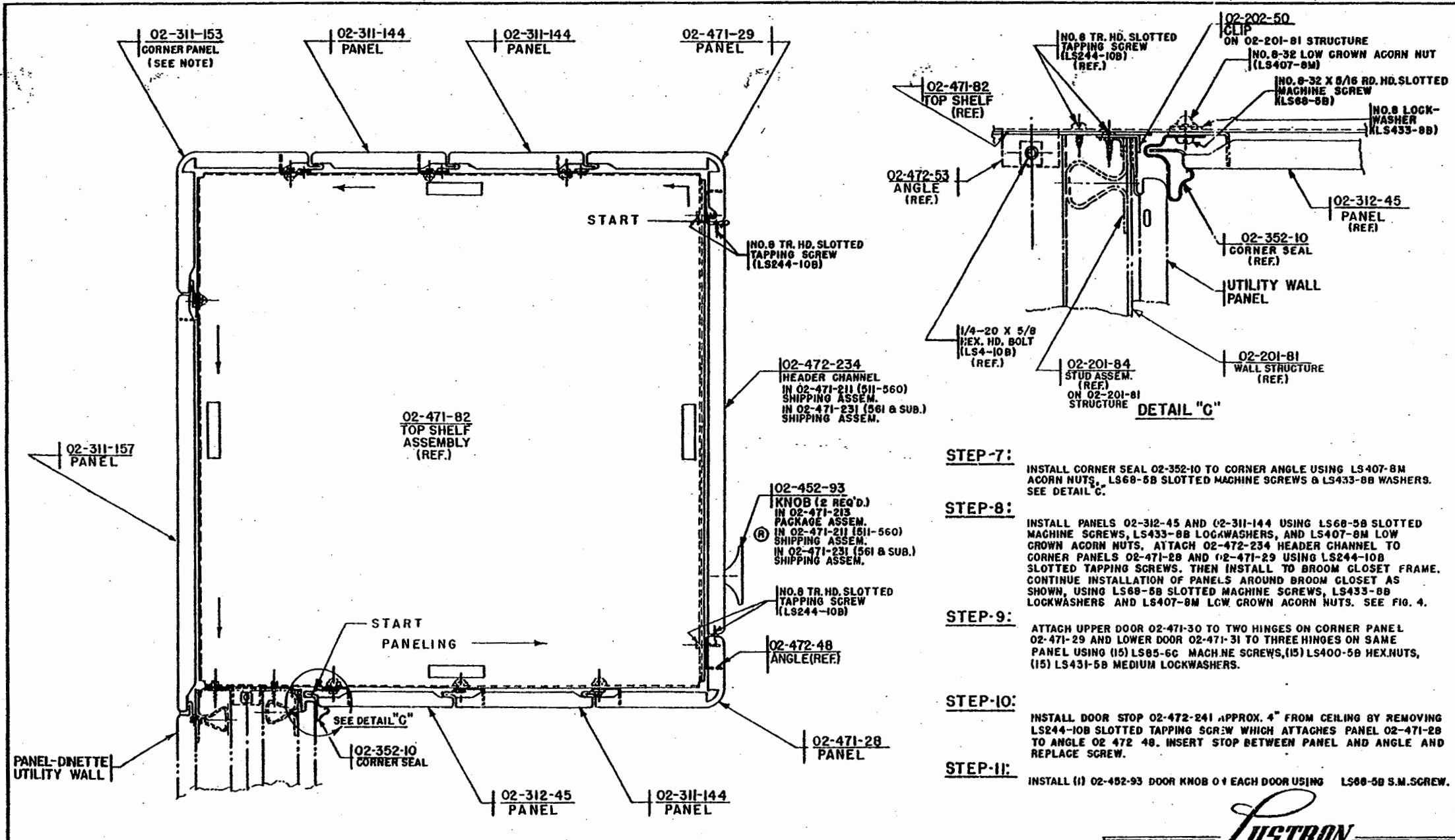
FIGURE 1  
PERSPECTIVE VIEW OF  
ANGLE FRAMING.

- #8-32x 5/16 MACH. SCREW (LS-68-5B)
- #8- LOCKWASHER (LS-433-8B)
- #8-32 HEX. ACORN NUT (LS-407-8W)
- TYPICAL ATTACHMENT OF ANGLES TO SHELVES.

NOTE: THIS PAGE SUPERSEDES  
EM-02-Q-11.1  
AT HOUSE 2001--



ERECTION		MANUAL
TITLE BROOM CLOSET INSTALLATION ANGLE FRAMING		
PREPARED BY REL	DATE 12-13-49	EFF. 2001 & SUB. DRAWING NUMBER EM-02-Q-12.1



- STEP-7:** INSTALL CORNER SEAL 02-352-10 TO CORNER ANGLE USING LS407-8M ACORN NUTS, LS68-58 SLOTTED MACHINE SCREWS & LS433-8B WASHERS. SEE DETAIL C.
- STEP-8:** INSTALL PANELS 02-312-45 AND 02-311-144 USING LS68-58 SLOTTED MACHINE SCREWS, LS433-8B LOCKWASHERS, AND LS407-8M LOW CROWN ACORN NUTS. ATTACH 02-472-234 HEADER CHANNEL TO CORNER PANELS 02-471-28 AND 02-471-29 USING LS244-10B SLOTTED TAPPING SCREWS. THEN INSTALL TO BROOM CLOSET FRAME. CONTINUE INSTALLATION OF PANELS AROUND BROOM CLOSET AS SHOWN, USING LS68-58 SLOTTED MACHINE SCREWS, LS433-8B LOCKWASHERS AND LS407-8M LOW CROWN ACORN NUTS. SEE FIG. 4.
- STEP-9:** ATTACH UPPER DOOR 02-471-30 TO TWO HINGES ON CORNER PANEL 02-471-29 AND LOWER DOOR 02-471-31 TO THREE HINGES ON SAME PANEL USING (15) LS65-6C MACHINE SCREWS, (15) LS400-5B HEX.NUTS, (15) LS431-5B MEDIUM LOCKWASHERS.
- STEP-10:** INSTALL DOOR STOP 02-472-241 APPROX. 4" FROM CEILING BY REMOVING LS244-10B SLOTTED TAPPING SCREW WHICH ATTACHES PANEL 02-471-28 TO ANGLE 02-472-48. INSERT STOP BETWEEN PANEL AND ANGLE AND REPLACE SCREW.
- STEP-11:** INSTALL (1) 02-482-93 DOOR KNOB ON EACH DOOR USING LS68-58 S.M.SCREW.

**NOTE:**  
SEE EM-02-M-103.1 FOR INSTALLATION OF CORNER PANEL CLIPS.

**CAUTION:**  
THESE CLIPS MUST BE INSTALLED BEFORE PANELLING IS STARTED.

THIS PAGE SUPERSEDES EM-02-Q-21.1 AT HOUSE 1401.



ERECTION		MANUAL	
TITLE BROOM CABINET ASSEMBLY & DETAILS			
PREPARED BY	DATE	EFF.	1401-2000
MWC	8-15-49		DRAWING NUMBER
			EM-02-Q-21.1

RELEASE NO.	DATE
NP 736	8-15-49

**ERECTION OF BROOM CLOSET--**

**STEP-1 (SEE FIG.1)**  
 ATTACH COVER PANEL 02-472-46 TO BOTTOM SHELF  
 USE (2) #8-15 TAPPING SCREWS.  
 SECURE BOTTOM SHELF 02-471-273 TO WALL  
 SECTION WITH (1) 1/4-20X 5/8 HEX. BOLT.

**STEP-2 (SEE FIG.1)**  
 ATTACH TOP SHELF 02-471-82 TO TOP WALL  
 SECTION WITH (1) 1/4-20X 5/8 HEX.BOLT.  
 ATTACH COVER PANEL TO TOP SHELF WITH  
 (2) #8-15 TAPPING SCREWS.

**STEP-3 (SEE FIG.1)**  
 ATTACH (6) VERTICAL ANGLES 02-472-47--  
 3 ON LEFT SIDE AND 3 ON RIGHT SIDE--  
 LINKING TOP AND BOTTOM SHELVES.  
 USE #8-32X 5/16 MACH. SCREWS,  
 #8-LOCKWASHERS AND  
 #8-32 ACORN NUTS

**STEP-4**  
 ATTACH CENTER SHELF, 02-471-272  
 USE #8 MACH. SCREWS, LOCKWASHERS,  
 AND ACORN NUTS.

**STEP-5**  
 INSTALL VERTICAL ANGLES 02-472-358  
 AND 02-472-47--(1) AT REAR AND  
 (1) AT RIGHT FRONT CORNER.(SEE FIG.1)  
 INSTALL ANGLE 02-472-48 AT FRONT-LEFT CORNER.  
 USE #8 MACH.SCREWS, LOCKWASHERS & ACORN NUTS.

**STEP-6**  
 LEVEL AND PLUMB STRUCTURE.  
 ADJUST LEVELING SCREWS LOCATED IN  
 BOTTOM SHELF.  
 DRILL HOLE IN CONCRETE FLOOR AND INSTALL  
 (1) ANCHOR SHIELD 02-202-131  
 INSTALL (1) ANCHOR BOLT (1/4-20X 2 1/4)  
 AND (1) FLAT WASHER

**STEP-7 (SEE DETAIL-A)**  
 INSTALL VERTICAL CORNER MOLDING.(02-352-10)  
 ATTACH TO ANGLE WITH #8-32X 5/8 MACH.SCREWS,  
 LOCKWASHERS AND ACORN NUTS.

**STEP-8 (SEE FIG.3)**  
 INSTALL PANELS--START AT CORNER MOLDING--  
 ATTACH 02-312-45, THEN 02-311-144--  
 USE #8-32X 5/16 MACH. SCREWS, LOCKWASHERS  
 AND ACORN NUTS.

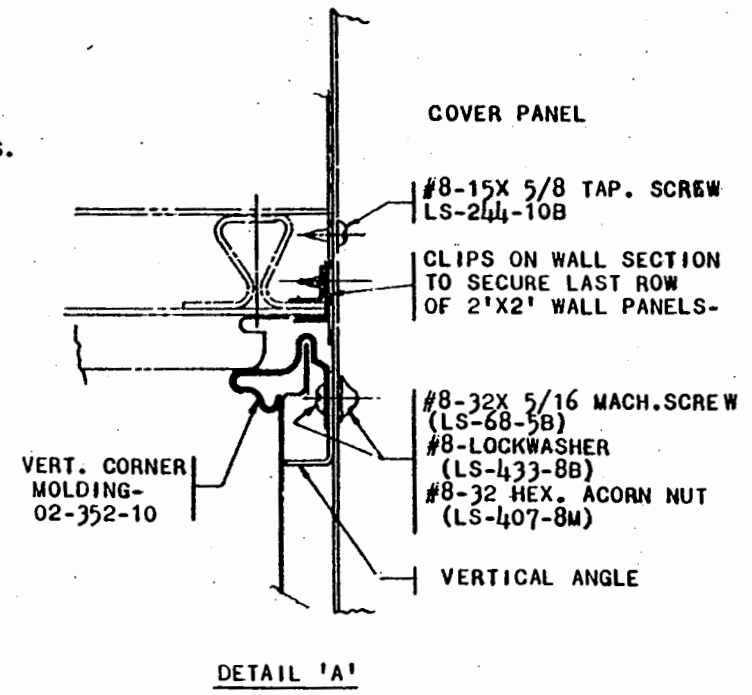
**STEP-9 (SEE FIG.2)**  
 ATTACH HEADER CHANNEL TO FRONT CORNER PANELS,  
 02-471-270 & 02-471-271 WITH #8-15X 5/8 TAPPING SCREWS.  
 ATTACH THIS SUB-ASSEMBLY TO ANGLE FRAME

**STEP-10**  
 CONTINUE INSTALLATION OF PANELS AROUND BROOM CLOSET  
 AS SHOWN IN FIG. 3.

**STEP-11**  
 ATTACH (SMALL) UPPER DOOR TO (2) HINGES ON CORNER  
 PANEL 02-471-271--  
 ATTACH LARGE DOOR TO (3) HINGES ON CORNER PANEL  
 02-471-271.  
 USE #5-40X 3/8 MACH.SCREWS, MED. LOCKWASHERS  
 AND #5-40 HEX. NUTS.  
 (3 EACH PER HINGE)

**STEP-12**  
 ATTACH DOOR STOP 02-472-413 -APPROX. 4" DOWN FROM  
 CEILING. REMOVE (1) TAP.SCR. WHICH ATTACHES  
 CORNER PANEL 02-471-270 TO ANGLE.  
 INSERT STOP BETWEEN PANEL FLANGE AND ANGLE  
 AND REPLACE SCREW.

**STEP-13**  
 ATTACH (1) KNOB 02-452-93 TO BOTH DOORS--  
 USE #8-32X 5/16 MACH.SCREW

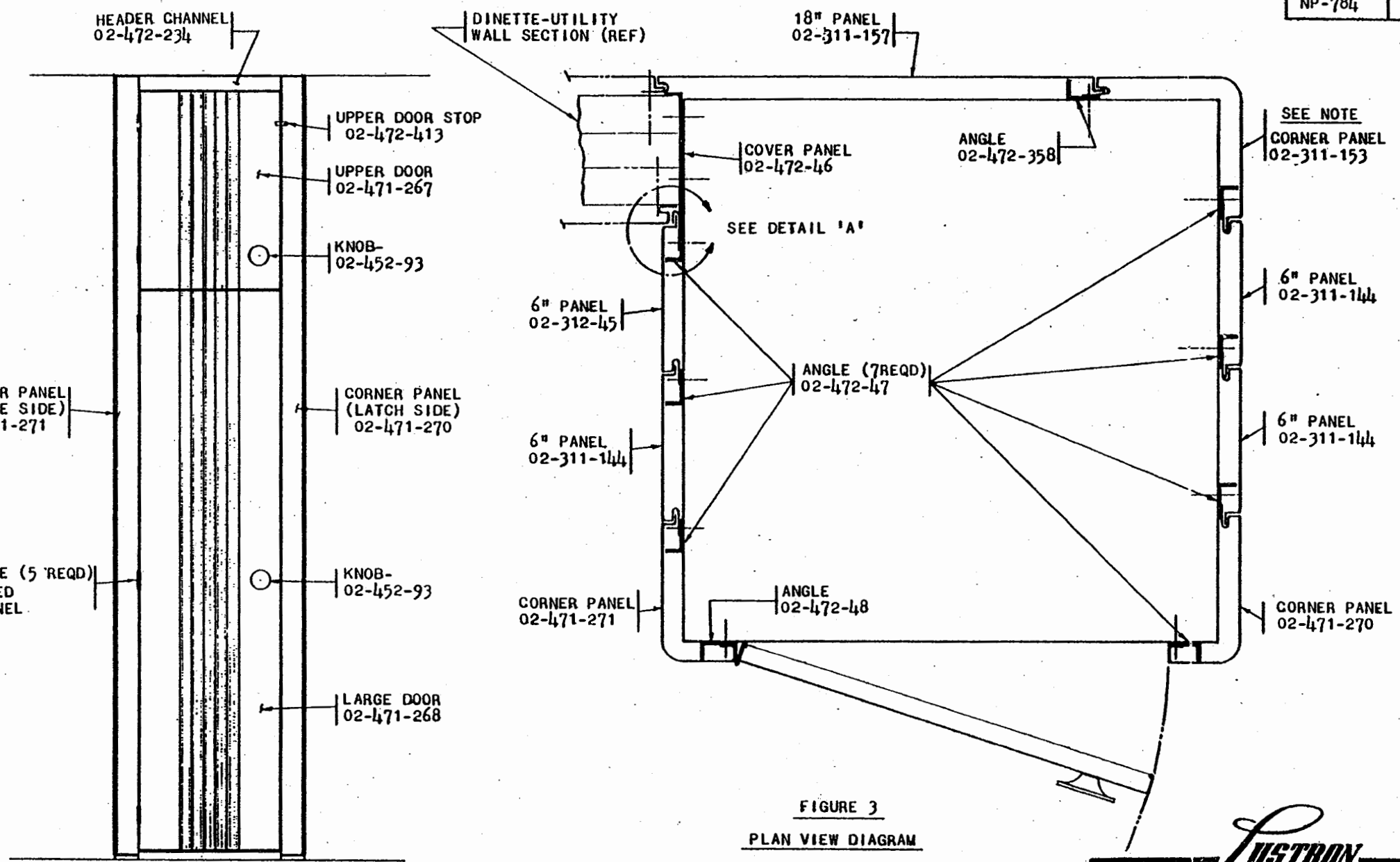


**INSTALLATION OF CORNER MOLDING**

NOTE: THIS PAGE SUPERSEDES  
 EM-02-Q-11.11  
 AT HOUSE 2001--



ERECTION		MANUAL
TITLE BROOM CLOSET INSTALLATION STEPS OF ERECTION		
PREPARED BY HEL	DATE 12-12-19	EFF. 2001 & SUB.
		DRAWING NUMBER EM-02-Q-22.1



**FIGURE 2**  
**FRONT ELEVATION OF BROOM CLOSET**

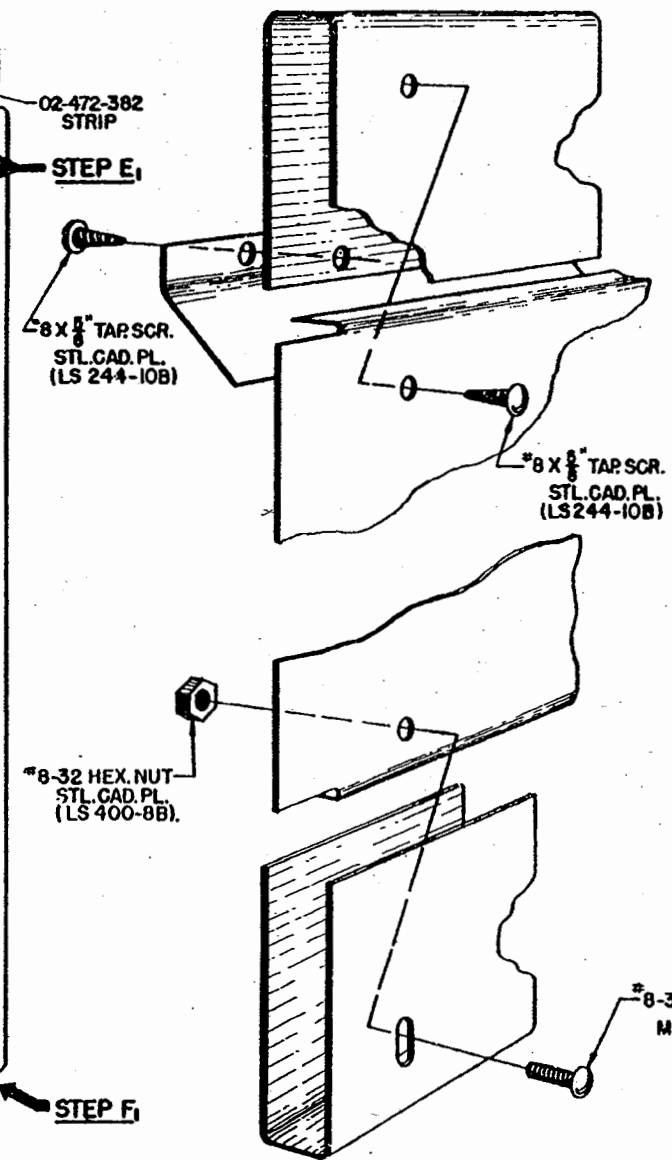
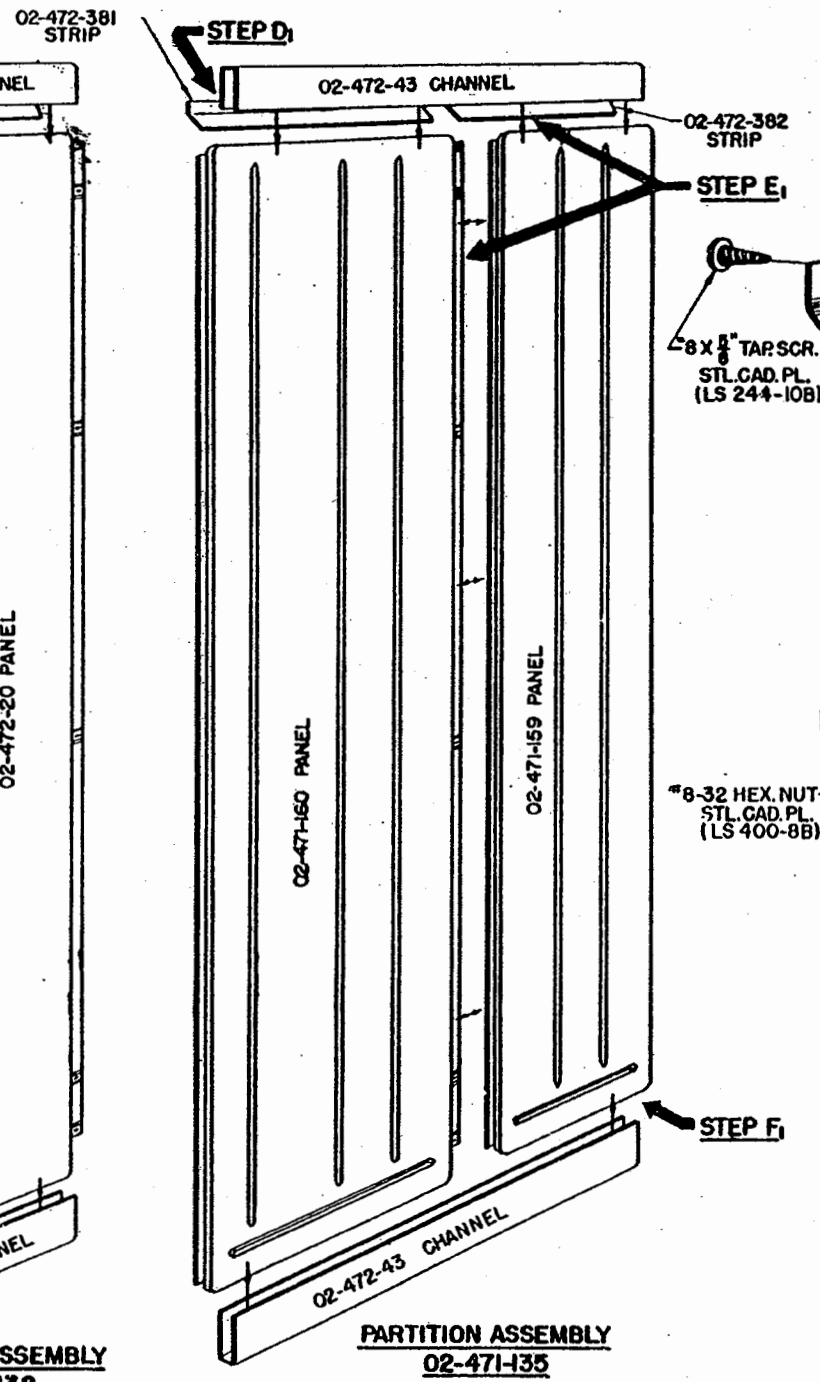
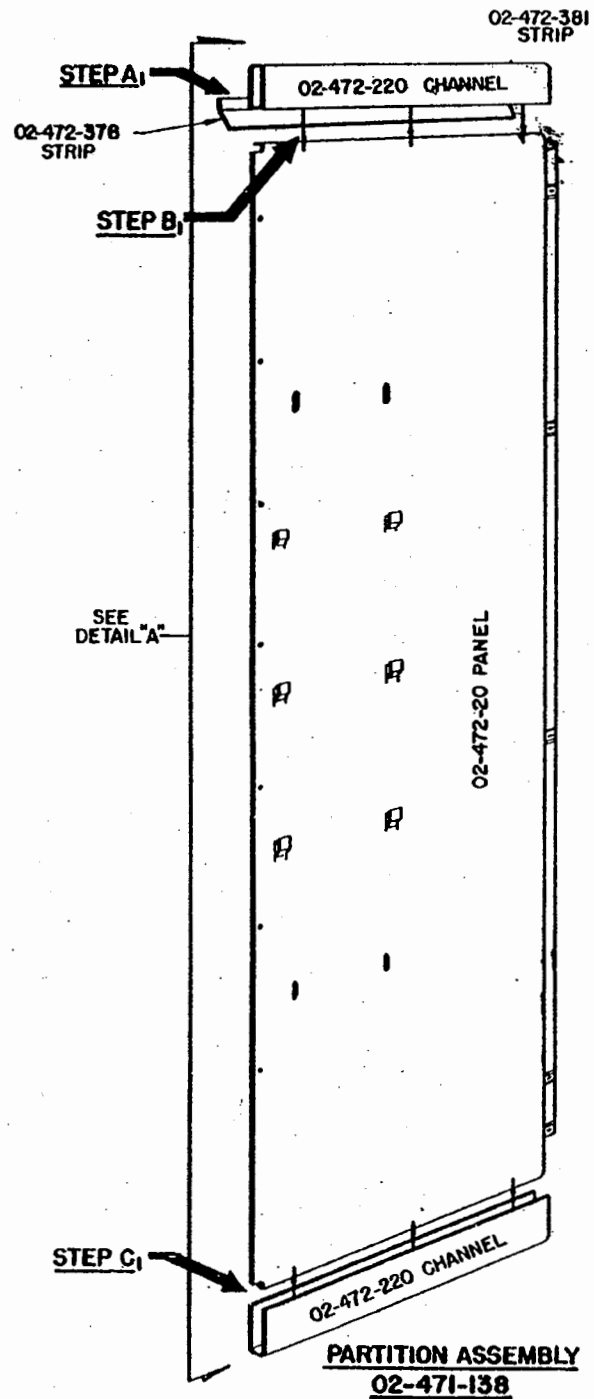
**FIGURE 3**  
**PLAN VIEW DIAGRAM**

NOTE: THIS PAGE SUPERSEDES  
EM-02-Q-21.11  
AT HOUSE 2001--

NOTE: SEE EM-02-M-103.1  
FOR INSTALLATION OF  
CORNER PANEL  
ATTACHING CLIPS.

**LUSTRON**  
CORPORATION

ERECTION		MANUAL
TITLE BROOM CLOSET- INSTALLATION ELEVATION AND PLAN DIAGRAM		
PREPARED BY REL	DATE 12-12-4	EFF. 2001 AND SUB
		DRAWING NUMBER EM-02-Q-32.1



**STEP A)**  
(TOP) ASSEMBLE 02-472-220 CHANNEL TO 02-472-378 STRIP WITH #8 X 5/8" TAP SCR. (LS244-10B).

**STEP B)**  
ASSEMBLE 02-472-220 CHANNEL WITH STRIP ATTACHED TO 02-472-20 WITH #8 X 5/8" TAP SCR. (LS244-10B).

**STEP C)**  
(BOTTOM) ASSEMBLE CHANNEL 02-472-220 TO 02-472-20 PANEL WITH #8-32 X 5/16" MACH. SCR. (LS68-5B) & #8-32 HEX. NUT (LS400-8B).

**STEP D)**  
(TOP) ASSEMBLE 02-472-43 CHANNEL TO 02-472-381 & 02-472-382 WITH #8 X 5/8" TAP SCR. (LS244-10B).

**STEP E)**  
SLIP X FLANGE ON 02-471-159 INTO V FLANGE OF PANEL 02-471-160 & ASSEMBLE TO 02-472-43 CHANNEL WITH STRIPS ATTACHED. ASSEMBLE WITH #8 X 5/8" TAP SCR. (LS244-10B).

**STEP F)**  
(BOTTOM) ASSEMBLE 02-472-43 CHANNEL TO PANELS 02-471-159 & 02-471-160 WITH #8-32 X 5/16" MACH. SCR. (LS68-5B) & #8-32 HEX. NUT (LS400-8B).

**DETAIL "A"**  
INSTALLATION TYPICAL  
FOR BOTH ASSEMBLIES

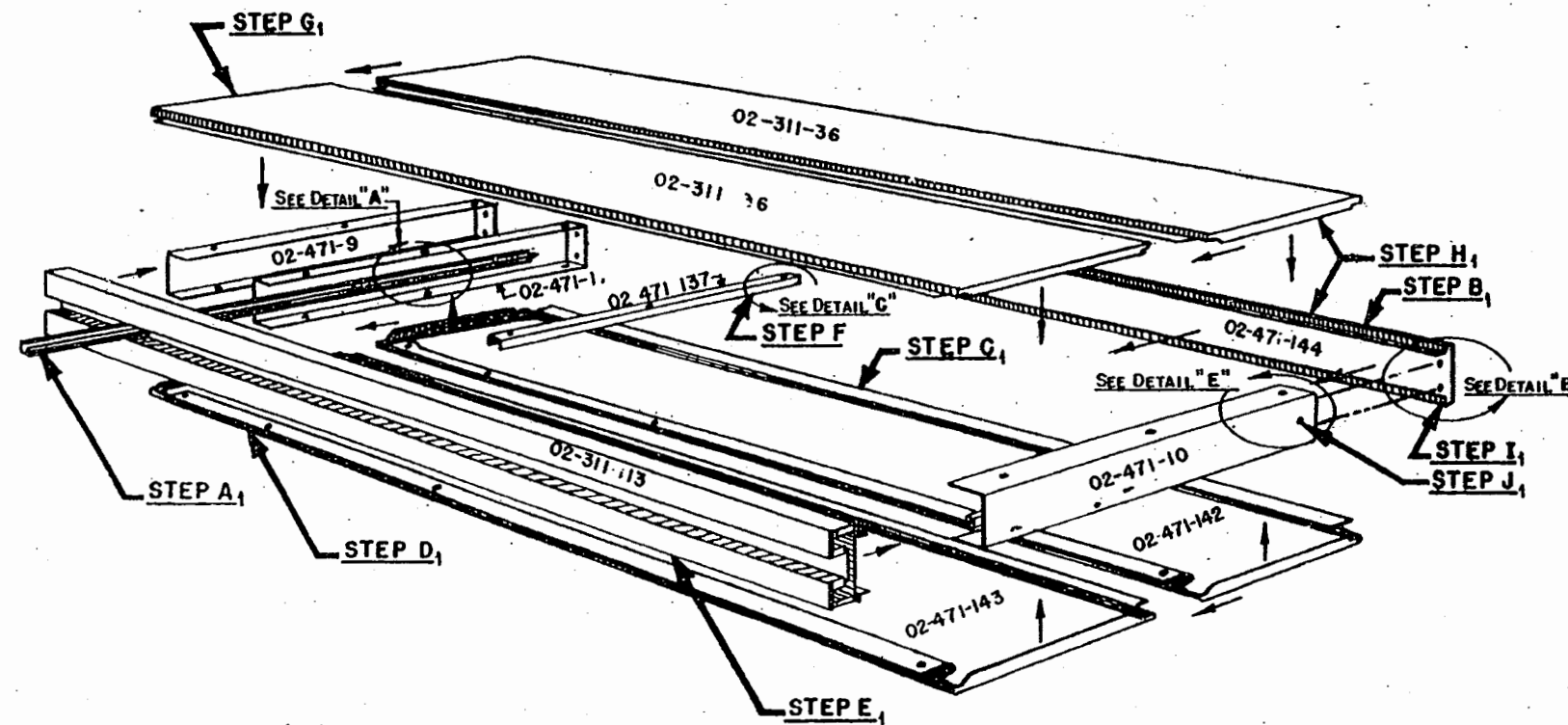


ERECTION		MANUAL
TITLE		
PARTITION ASSEMBLIES		
PREPARED BY	DATE	EFF. 1001 & SUB
G.E.	6-7-49	DRAWING NUMBER
EM-02-R-11.1		

RELEASE NO. NP-685	DATE 6-9-49

**NOTE:** THIS INSTALLATION MAKES UP RECESS ASSEMBLY 02-471-12.

**NOTE:** FOR DETAILS SEE EM-02-R-32.1

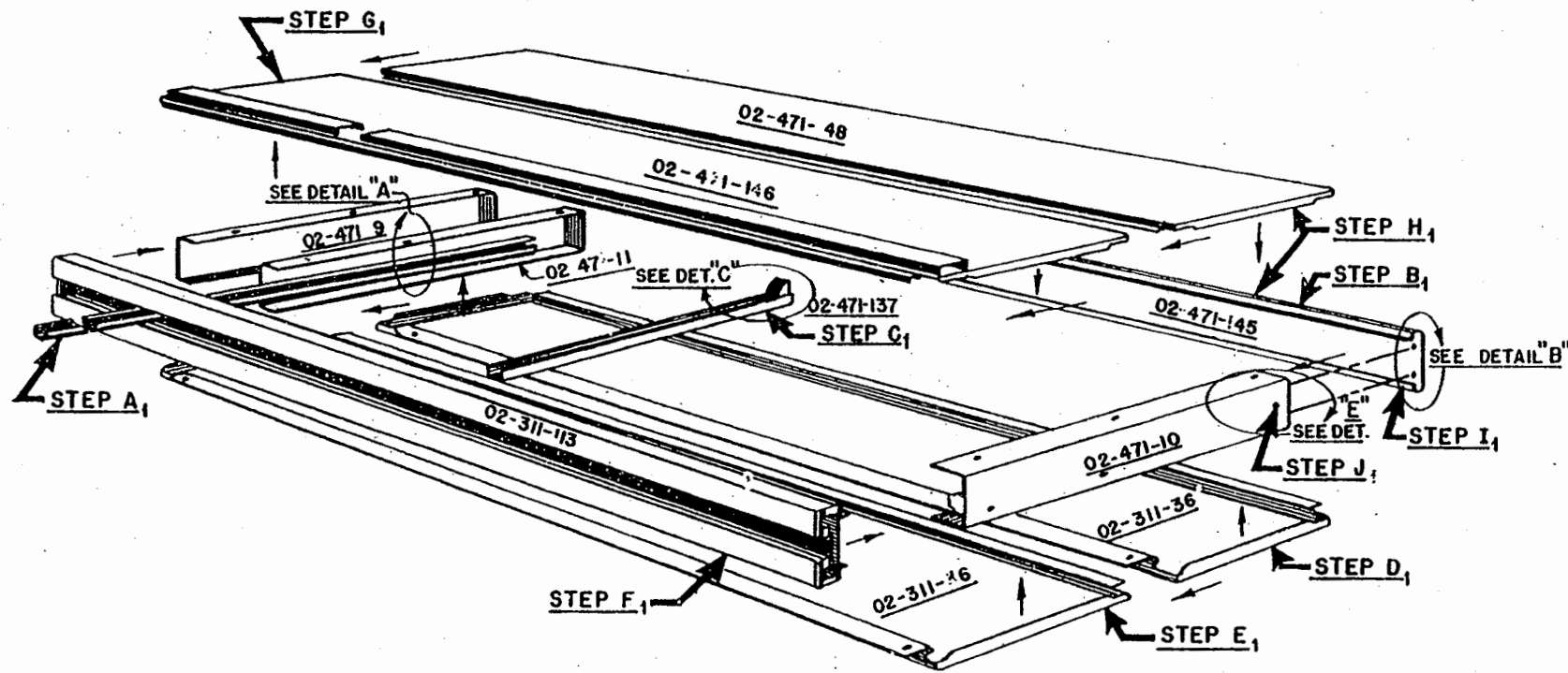


- STEP A<sub>1</sub>** ASSEMBLE 02-452-54 TRACK TO 02-471-11 CHANNEL USING (4) #10-24 HEX NUTS (LS400-10B), (4) #10 LOCKWASHER (LS431-10B) & #10-24 X 3/8" MACH. SCREWS (4).
- STEP B<sub>1</sub>** POSITION RECESS CHANNELS & TEMPORARILY ATTACH 02-471-144 JAMB PANEL TO 02-471-9, 02-471-10 & 02-471-11 CHANNELS TO INSURE PROPER VERTICAL SPACING USING (6) #10 X 3/8" TAR SCREWS (LS205-6B).
- STEP C<sub>1</sub>** ATTACH 02-471-142 PANEL POSITIONING "X" FLANGE INTO CLIPS ON THE CHANNELS AND SECURE "V" FLANGE USING (3) #10 X 3/8" TAP SCREWS (LS205-6B).
- STEP D<sub>1</sub>** ATTACH 02-471-143 PANEL WITH "X" FLANGE SLIPPED IN "V" FLANGE OF 02-471-142 AND SECURE "V" FLANGE TO CHANNELS USING (3) #10 X 3/8" TAP SCREWS (LS205-6B).
- STEP E<sub>1</sub>** ATTACH 02-311-113 DOOR JAMB WITH "X" FLANGE SLIPPED INTO "V" FLANGE OF 02-471-143 & SECURE "V" FLANGE TO CHANNELS USING (3) #10 X 3/8" TAP SCREWS (LS205-6B).
- STEP F<sub>1</sub>** INSTALL 02-471-137 BRACE. SECURE TO "V" FLANGE OF 02-311-113 JAMB PANEL USING (1) #10 X 3/8" TAP SCREW (LS205-6B), AND TO 02-471-144 JAMB PANEL USING (1) #10 X 3/8" TAP SCREW (LS205-6B).
- STEP G<sub>1</sub>** INSTALL 02-311-36 WITH "X" FLANGE SLIPPED INTO "V" FLANGE OF 02-311-113 JAMB PANEL & SECURE "X" FLANGE TO CHANNELS USING (3) #10 X 3/8" TAP SCREWS (LS205-6B) AND TO 02-471-137 BRACE USING (1) #8-32 MACH. SCREW (LS60-6B) & #8-32 HEX NUT (LS400-6B).
- STEP H<sub>1</sub>** INSTALL LAST 02-311-36 PANEL WITH "X" FLANGE SLIPPED INTO "V" FLANGE OF ADJOINING PANEL. LOOSEN 02-471-144 JAMB AND SECURE "V" FLANGE OF LAST 02-311-36 PANEL USING (4) #10 X 3/8" TAR SCREWS (LS205-6B).
- STEP I<sub>1</sub>** RE-POSITION 02-471-144 JAMB. SLIP "X" INTO "V" FLANGE OF 02-311-36 PANEL AND SECURE JAMB TO CHANNELS AND BRACE USING SAME SCREWS AS FOUND IN STEP B<sub>1</sub>.
- STEP J<sub>1</sub>** INSERT (3) 02-452-97 SCREWS INTO WELD NUTS ON 02-471-10 CHANNEL.

**Lustron**  
CORPORATION

ERECTION		MANUAL	
<b>INSTALLATION-RECESS ASSEMBLY BEDROOM N°1</b>			
PREPARED BY W.C.G.	DATE 6-1-49	EFF.	511 & SUB.
		DRAWING NUMBER EM-02-R-21.1	



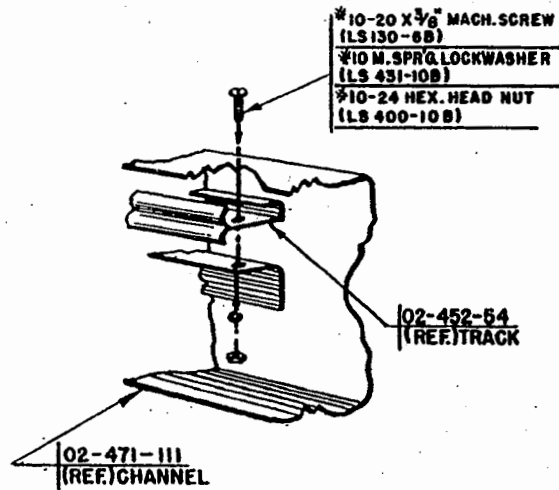


- STEP A<sub>1</sub>** ASSEMBLY 02-452-54 TRACK TO 02-471-1 CHANNEL WITH (4) EA #10-24 X 3/8" MACH. SCR. (LS130-6B), #10-MFD. SPRING LOCKWASHER (LS431-10B) AND #10-24 HEX. NUT (LS400-10B).
- STEP B<sub>1</sub>** POSITION RECESS CHANNELS & TEMPORARILY ATTACH 02-471-146 JAMB TO 02-471-9, 02-471-10 AND 02-471-11 CHANNELS TO INSURE PROPER VERTICAL SPACING USING #10 X 3/8" TAP. SCREWS (LS205-6B).
- STEP C<sub>1</sub>** INSTALL 02-471-137 BRACE TO 02-471-145 JAMB WITH #10 X 3/8" TAP. SCR. (LS205-6B).
- STEP D<sub>1</sub>** ATTACH FIRST 02-311-36 PANEL WITH "X" FLANGE INTO CLIPS ON CHANNELS & SECURE "V" FLANGE TO CHANNELS USING (7) #10 X 3/8" TAP. SCREWS (LS205-6B) AND TO 02-471-137 BRACE WITH (1) EA. #8-32 X 1/2" MACH. SCR. (LS568-8B) & #8-32 HEX. NUT (LS400-8B).
- STEP E<sub>1</sub>** ATTACH SECOND 02-311-36 PANEL CLIP "X" FLANGE INTO "V" FLANGE OF ADJ. PANEL & SECURE "V" FLANGE TO CHANNELS WITH (3) #10 X 3/8" TAP. SCR. (LS205-6B) AND TO 02-471-137 BRACE WITH (1) #10 X 3/8" TAP. SCR. (LS205-6B).
- STEP F<sub>1</sub>** INSTALL 02-311-113 JAMB PANEL WITH "X" FLANGE INTO "V" FLANGE OF 02-311-36 PANEL & SECURE "V" FLANGE TO CHANNEL WITH (3) #10 X 3/8" TAP. SCR. (LS205-6B).
- STEP G<sub>1</sub>** ATTACH 02-471-146 PANEL ASSY. SLIP "X" FLANGE INTO "V" FLANGE OF 02-311-113 JAMB & SECURE "V" FLANGE WITH (3) #10 X 3/8" TAP. SCR. (LS205-6B).
- STEP H<sub>1</sub>** ATTACH 02-471-48 PANEL LOOSEN 02-471-145 JAMB SLIP "X" FLANGE OF 02-471-148 PANEL INTO ADJ. "V" FLANGE OF 02-471-146 PANEL & SECURE "V" FLANGE WITH (3) #10 X 3/8" TAP. SCR. (LS205-6B) TO CHANNELS.
- STEP I<sub>1</sub>** RE-ATTACH 02-471-145 JAMB. SLIP "X" FLANGE INTO "V" FLANGE ADJ. & SECURE TO CHANNELS WITH (7) #10 X 3/8" TAP. SCR. (LS205-6B).
- STEP J<sub>1</sub>** INSERT (3) 02-452-97 SCREWS INTO WELD NUTS ON 02-471-10 BOTTOM CHANNEL.

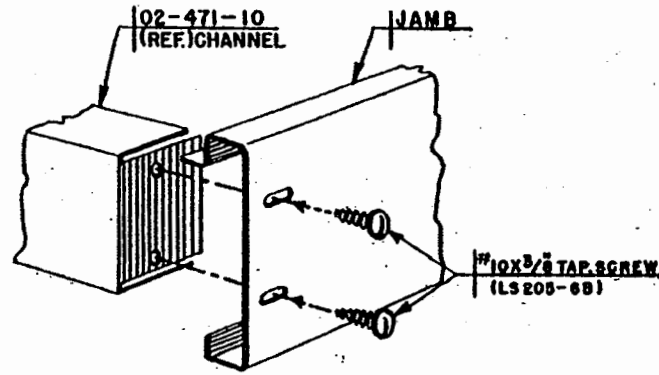
**NOTE:** THIS INSTALLATION MAKES UP RECESS-ASSEMBLY 02-471-13.

**NOTE:** FOR DETAILS SEE EM-02-R-32.1

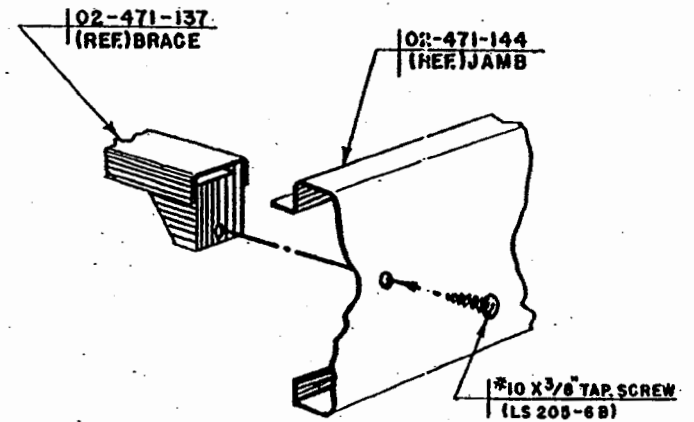
		CORPORATION
ERECTION	MANUAL	
TITLE	RECESS ASSEMBLY BEDROOM N° 2	
PREPARED BY W.C.G.	DATE 6-3-49	EFF. 511 & SUB. DRAWING NUMBER EM-02-R-31.1



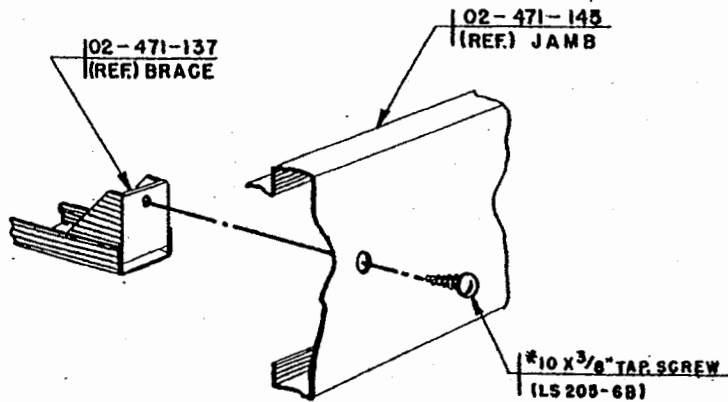
DETAIL "A"



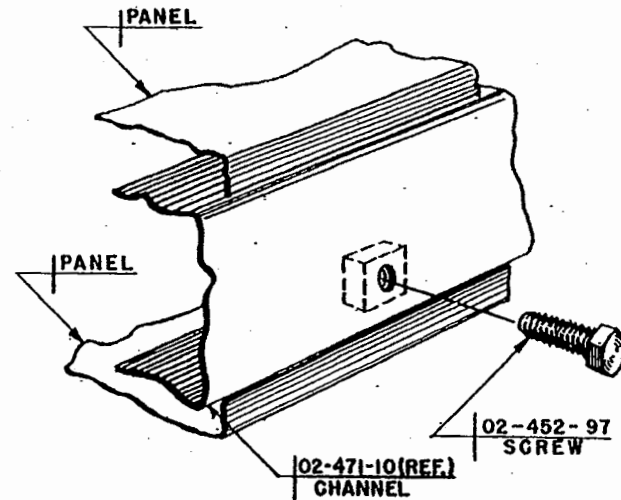
DETAIL "B"



DETAIL "C"



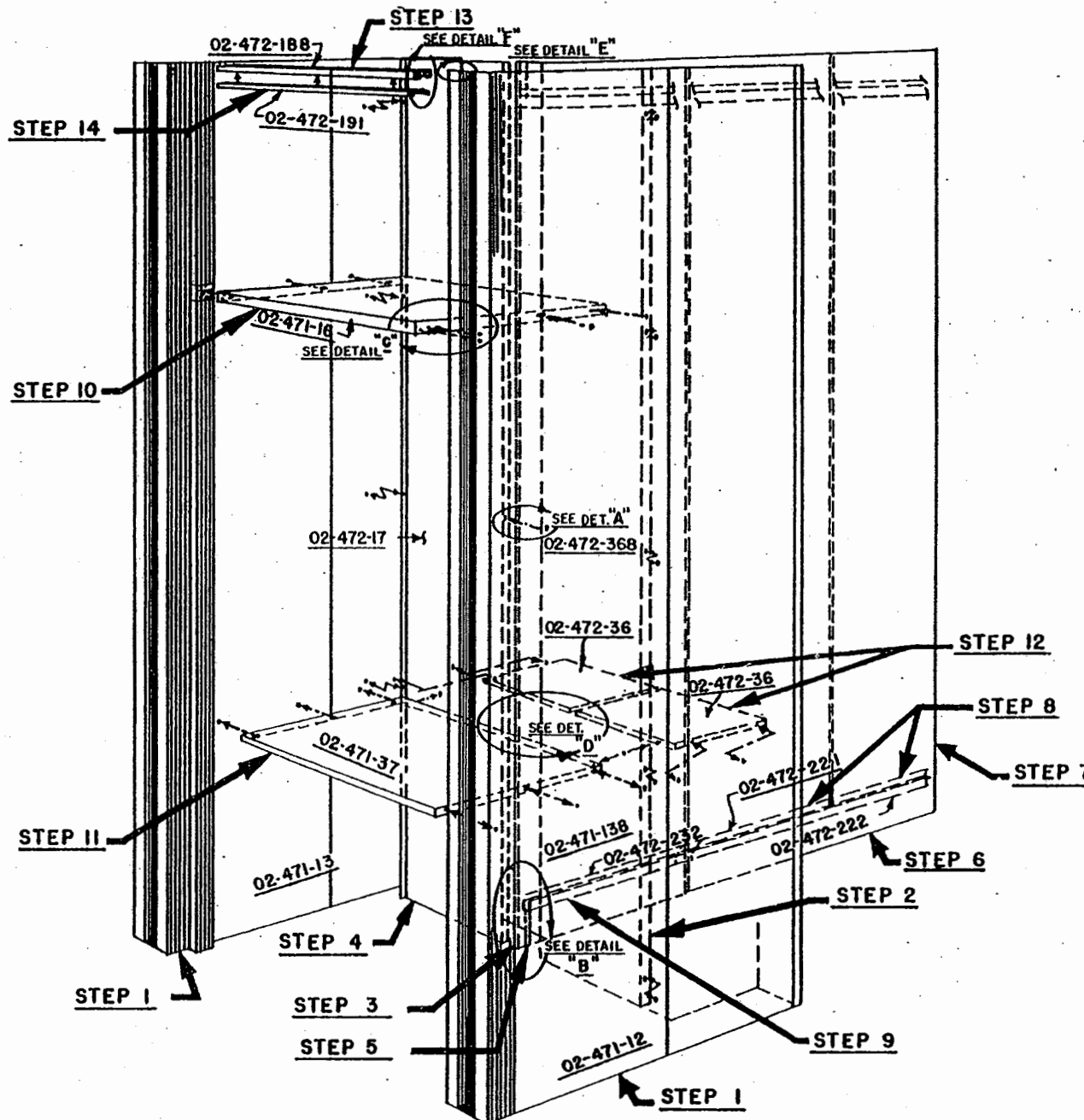
DETAIL "D"



DETAIL "E"



ERECTION		MANUAL	
TITLE INSTALLATION-RECESS ASSEM. BEDROOM N°1-DETAILS			
PREPARED BY W.C.G.	DATE 8-6-49	EFF. 511 & SUB. DRAWING NUMBER	
		EM-02-R-32.1	

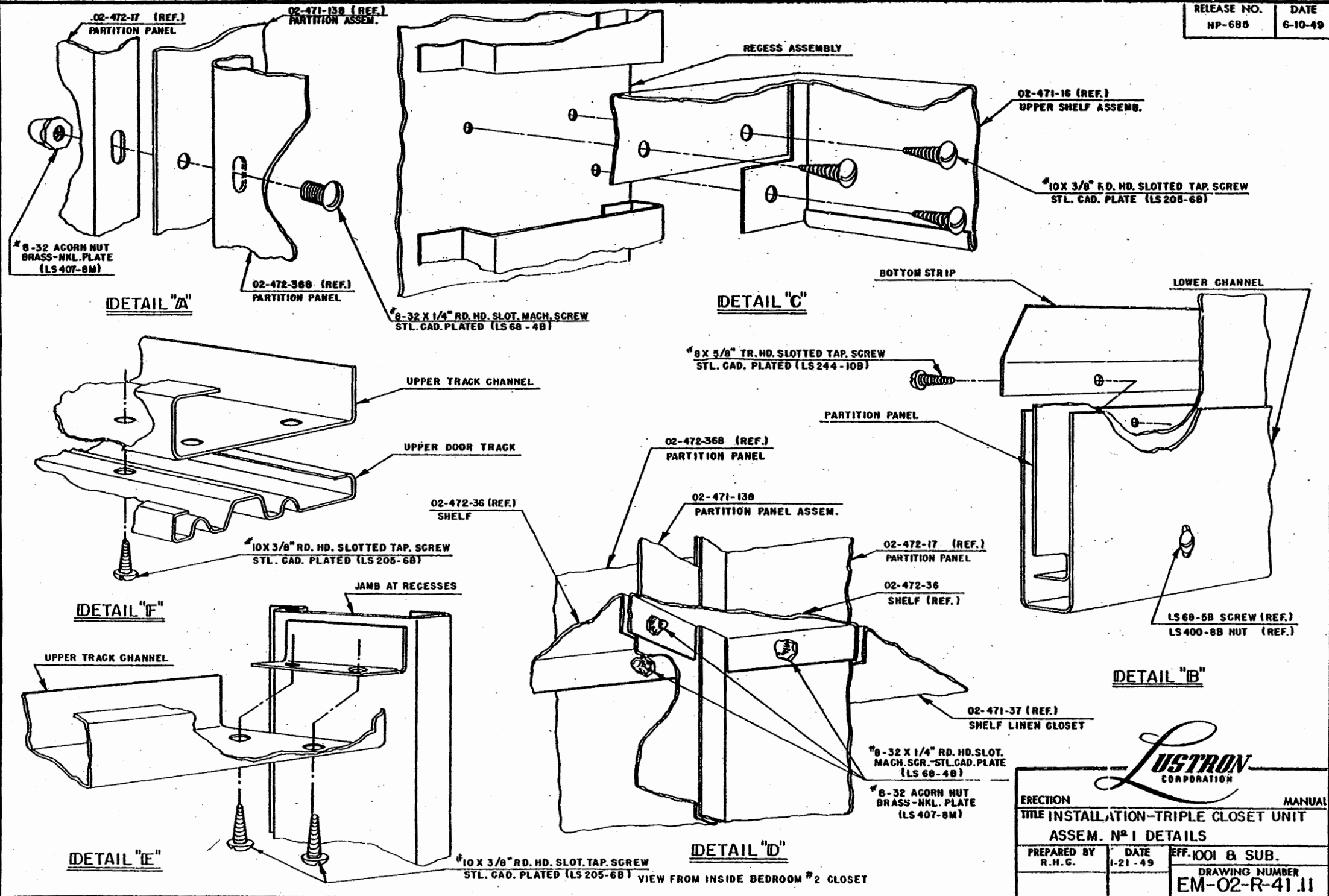


- STEP NO. 1** POSITION & LOCATE RECESS ASSEMBLIES 02-471-12 & 02-471-13 IN ERECTED POSITION BY MEASURING FROM EXTERIOR WALLS (SEE EM-02-M-10.1.) TURN DOWN JACK-BOLTS IN BOTTOM CHANNEL TO ELEVATE RECESS UNITS AGAINST CEILING.
- STEP NO. 2** ATTACH 02-472-368 PANEL TO 02-471-12 RECESS ASSEMBLY WITH #10 X 3/8" TAP SCR. (LS205-6B).
- STEP NO. 3** POSITION 02-471-138 PARTITION ASSEMBLY.
- STEP NO. 4** ATTACH 02-472-17 PANEL TO 02-471-13 RECESS ASSEMBLY WITH 10 X 3/8" TAP SCR. (LS205-6B).
- STEP NO. 5** TIE TOGETHER 02-472-188, 02-471-138, & 02-472-17 WITH #8-32 X 1/4" MACH. SCR. (LS68-4B) & #8-32 CAP NUT (LS407-8M).
- STEP NO. 6** POSITION 02-471-135 PARTITION ASSEMBLY, SLIP "V" FLANGE INTO ADJACENT "X" FLANGE OF 02-471-138 ASSEMBLY, RAISE 02-471-135 PARTITION TO CEILING AND ANCHOR LOWER CHANNEL.
- STEP NO. 7** SECURE FLANGE ON 02-471-158 PANEL IN 02-471-135 ASSY. TO WALL PANEL 02-311-48 WITH #10 X 3/8" TAP SCR. (LS205-6B).
- STEP NO. 8** ATTACH 02-472-221 & 02-472-222 STRIPS TO 02-471-135 PARTITION ASSY. WITH #8 X 5/8" TAP SCR. (LS244-10B).
- STEP NO. 9** ATTACH 02-472-232 STRIP TO 02-471-138 PARTITION ASSY. WITH #8 X 5/8" TAP SCR. (LS244-10B).
- STEP NO. 10** INSTALL UPPER SHELF 02-471-16 IN LINEN CLOSET RECESS. ATTACH TO RECESS ASSEMBLIES 02-471-12 & 02-471-13 WITH #10 X 3/8" TAP SCR. (LS205-6B) AND TO PANELS 02-472-368 & 02-472-17 WITH #8-32 X 1/4" MACH. SCR. (LS68-4B) & #8-32 CAP NUT (LS407-8M).
- STEP NO. 11** INSTALL 02-471-37 BOTTOM SHELF IN LINEN CLOSET RECESS. ATTACH TO RECESS ASSY. 02-471-12 & 02-471-13 WITH #10 X 3/8" TAP SCR. (LS205-6B) AND TO PANELS 02-472-368 AND 02-472-17 WITH #8-32 X 1/4" MACH. SCR. (LS68-4B) & #8-32 CAP NUT (LS407-8M).
- STEP NO. 12** ATTACH (2) 02-472-36 SHELVES TO RECESS ASSEMBLIES WITH #10 X 3/8" TAP SCR. (LS205-6B) AND TO PARTITIONS WITH #8-32 X 1/4" MACH. SCR. (LS68-4B) & #8-32 CAP NUT (LS407-8M).
- STEP NO. 13** INSTALL 02-472-188 UPPER TRACK CHANNEL SECURE TO ANGLES ON 02-471-118 & 02-471-119 JAMBS WITH #10 X 3/8" TAP SCR. (LS205-6B).
- STEP NO. 14** ATTACH 02-472-191 DOOR TRACK TO 02-472-188 CHANNEL WITH #10 X 3/8" TAP SCR. (LS205-6B).

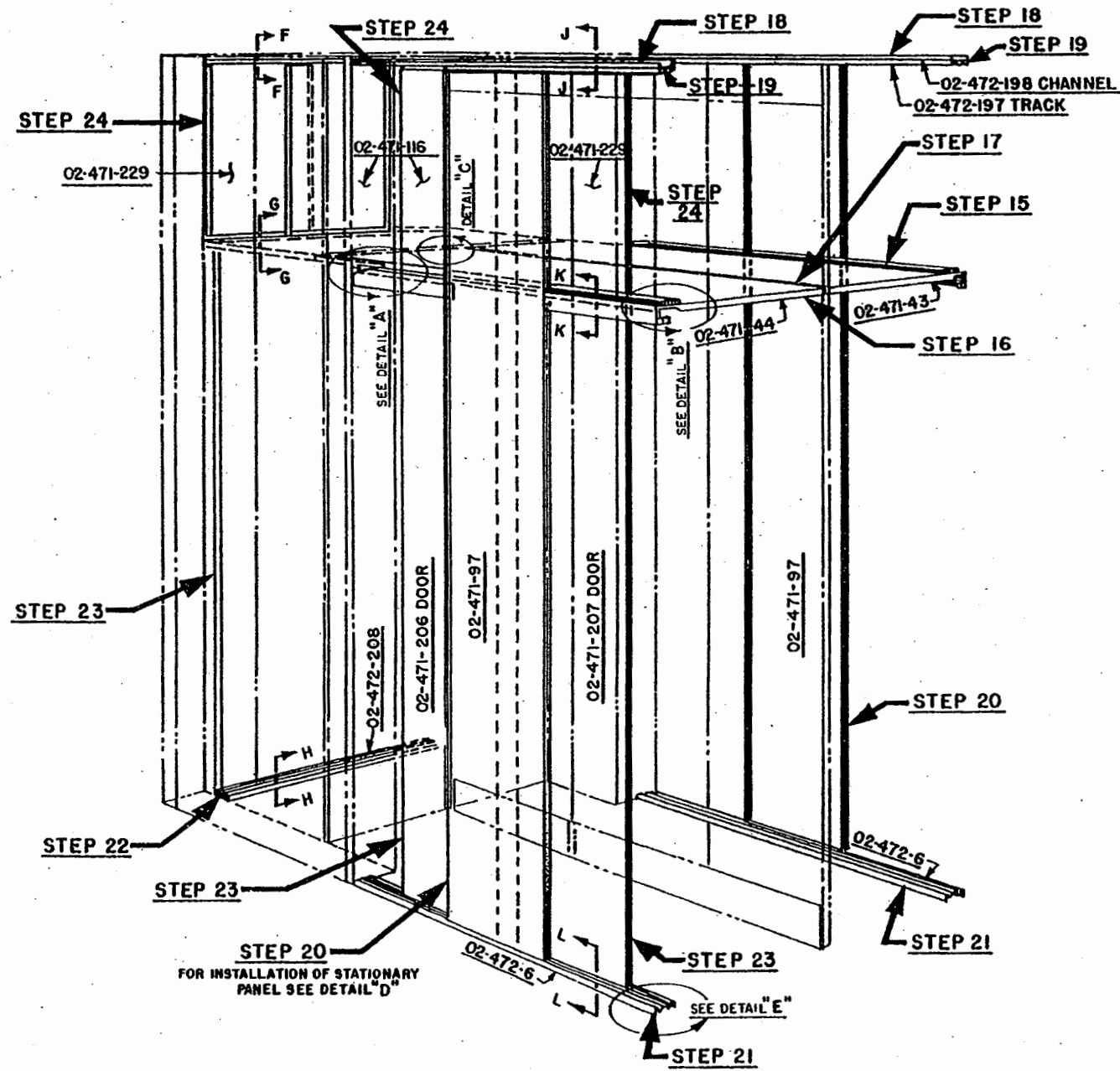
**NOTE:**  
FOR DETAILS SEE EM-02-R-41.1



ERECTION		MANUAL
TITLE INSTALLATION-TRIPLE CLOSET UNIT-ASSEMBLY NO. 1		
PREPARED BY W.C.G.	DATE 6-1-49	EFF. 1001 & SUB
		DRAWING NUMBER EM-02-R-41.1



ERECTION		MANUAL	
TITLE INSTALLATION-TRIPLE CLOSET UNIT			
ASSEM. N <sup>o</sup> 1 DETAILS			
PREPARED BY R.H.G.	DATE 1-21-49	EFF. 1001 & SUB.	
		DRAWING NUMBER EM-02-R-41.11	



- STEP NO. 15** INSTALL O2-471-43 SHELF ON BEDROOM NO.2 SIDE. ATTACH TO EXT. WALL PANELS AND RECESS ASSY. UNIT O2-471-13 WITH "10 X 3/8" TAP SCR. (LS205-6B) AND TO O2-472-17 PARTITION WITH "8-32 X 1/4" MACH. SCR. (LS 68-4B) & "8-32 CAP NUT (LS 407-8M).
- STEP NO. 16** INSTALL O2-471-44 SHELF ON BEDROOM NO.1 SIDE. ATTACH TO EXT. WALL PANEL & RECESS ASSY. UNIT O2-471-12 WITH "10 X 3/8" TAP SCR. (LS205-6B) AND TO O2-472-36B PARTITION WITH "8-32 X 1/4" MACH. SCR. (LS 68-4B) & "8-32 CAP NUT (LS 407-8M).
- STEP NO. 17** ATTACH O2-471-43 & O2-471-44 SHELF ASSEMBLIES TOGETHER WITH "8-32 X 1/4" MACH. SCR. (LS 68-4B) & "8-32 CAP NUT (LS 407-8M).
- STEP NO. 18** INSTALL O2-472-198 CHANNELS (2). SECURE ONE EACH TO ANGLES ON O2-471-22 & O2-471-23 JAMBS ON O2-471-12 & O2-471-13 RESPECTIVELY WITH "10 X 3/8" TAP SCR. (LS205-6B).
- STEP NO. 19** ATTACH O2-472-197 UPPER TRACKS (2) TO O2-472-198 CHANNELS WITH "10 X 3/8" TAP SCR. (LS 205-6B).
- STEP NO. 20** INSTALL O2-471-97 PANELS (2) TO EACH SIDE BEDROOM CLOSETS SECURE TO UPPER TRACKS O2-472-197 AND TO O2-471-44 AND O2-471-43 SHELF ASSY. WITH "10 X 3/8" TAP SCR. (LS245-6B).
- STEP NO. 21** POSITION O2-472-6 LOWER DOOR TRACKS (BOTH BEDROOM CLOSETS). SLIP UNDER O2-471-97 PANELS. INSTALL LARGE SLIDING DOORS O2-471-206 & O2-471-207. POSITION TRACK SO THAT DOORS ARE PARALLEL VERTICALLY IN RESPECT TO JAMBS, MARK TRACK LOCATION AND REMOVE DOORS & TRACK. STAR DRILL FOR O2-202-89 EXPANSION SHIELDS, REPOSITION AND ANCHOR TRACKS WITH "8-32 X 5/16" MACH. SCR. (LS 68-5B). INSTALL DOORS AND ADJUST TOP SLIDES, INSERT (2) O2-452-97 SCREW INTO WELD NUT ON BOTTOM FLANGE OF O2-471-97 PANEL AND SCREW INTO TRACK.
- STEP NO. 22** POSITION O2-472-208 DOOR TRACK ON FLOOR OF LINEN CLOSET SO THAT DOORS ARE PARALLEL VERTICALLY IN RESPECT TO JAMBS. MARK LOCATION AND REMOVE DOORS & TRACK. STAR DRILL FOR O2-202-89 EXPN. SHIELDS, REPOSITION & ANCHOR TRACKS WITH "8-32 X 5/16" MACH. SCR. (LS 68-5B).
- STEP NO. 23** INSTALL LARGE SLIDING DOORS AT LINEN CLOSET SIDE AND ADJUST.
- STEP NO. 24** INSTALL SMALL SLIDING DOORS O2-471-229 & O2-471-116 (3 EA.) (1) RH & (1) LH ON LINEN CLOSET, (1) RH & (1) LH ON EACH BEDROOM CLOSET.

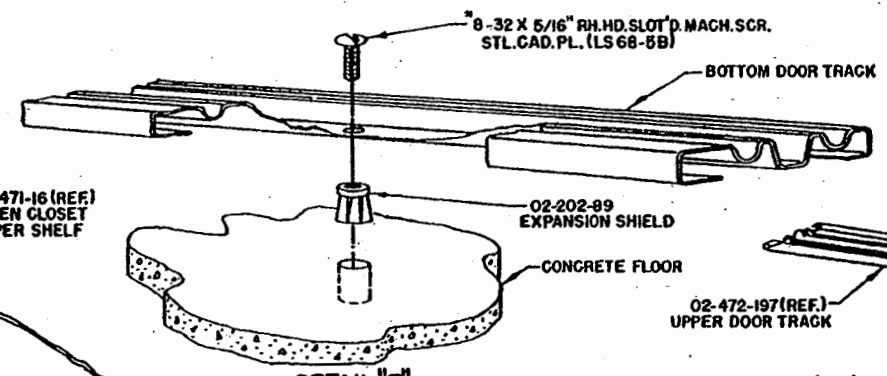
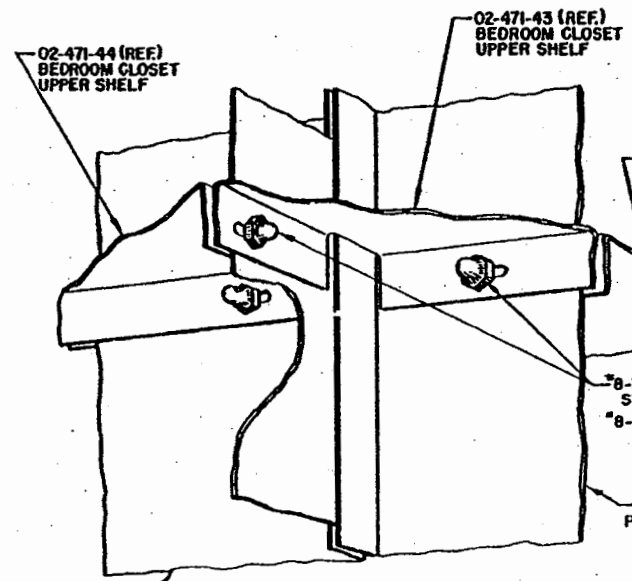
**NOTE "A"**  
SEE DETAIL SHEET EM-O2-R-41.11 FOR INSTALLATION OF UPPER TRACK AND CHANNEL. SEE DETAIL "E" AND "F".

**NOTE "B"**  
FOR DETAILS SEE DRAWING EM-O2-R-53.11 FOR SECTIONS SEE DWG. EM-O2-R-53.12



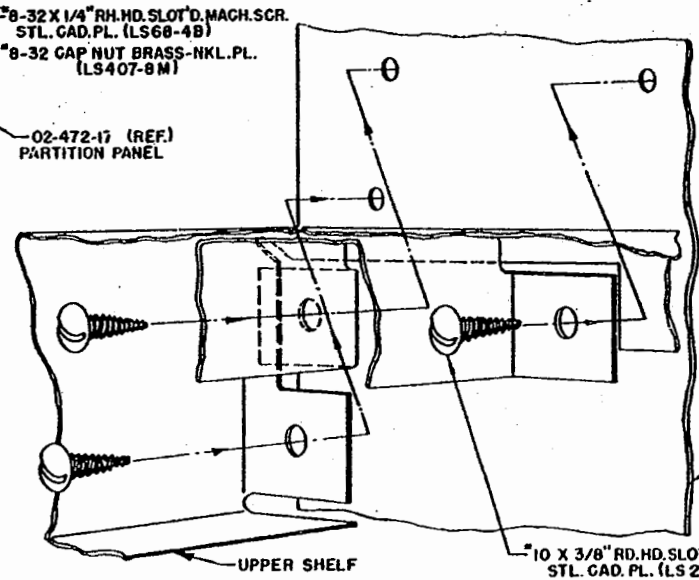
ERECTOR		MANUAL	
TITLE INSTALLATION-TRIPLE CLOSET UNIT, ASSEMBLY N° 2			
PREPARED BY W. C. G.	DATE 6-2-49	EFF. 1001 & SUB.	
		DRAWING NUMBER EM-O2-R-53.1	

RELEASE NO.	DATE
NP-685	6-10-49
NP-724	7-25-49

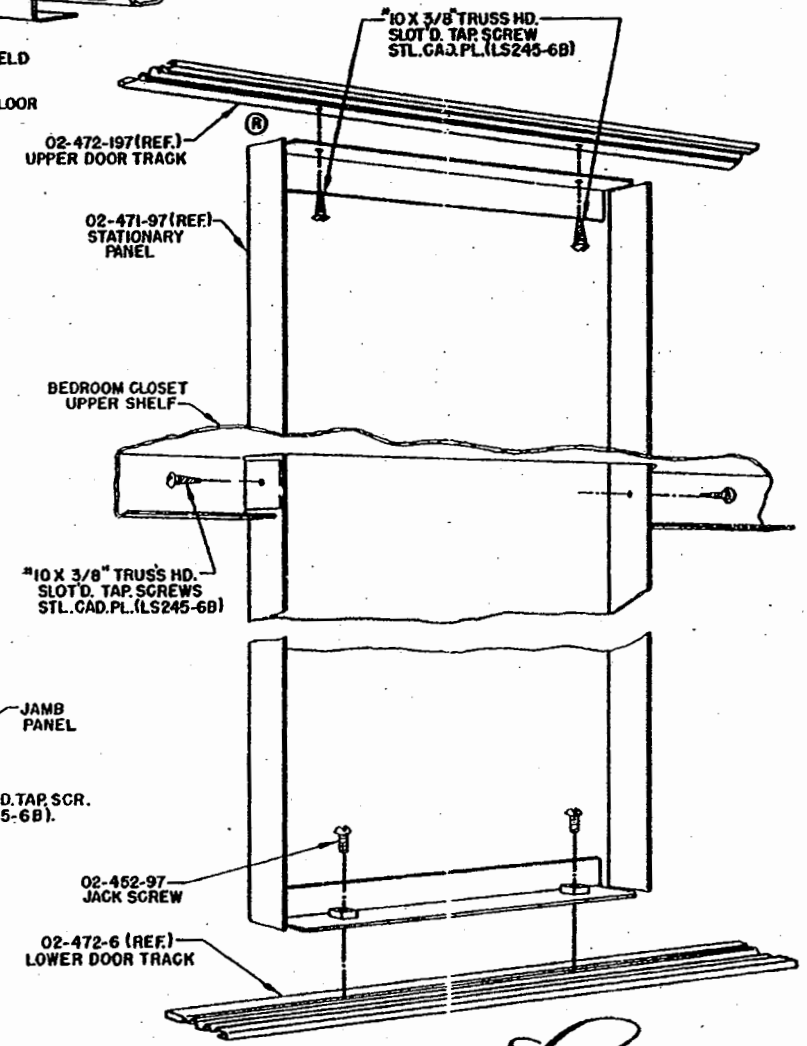


**DETAIL "E"**

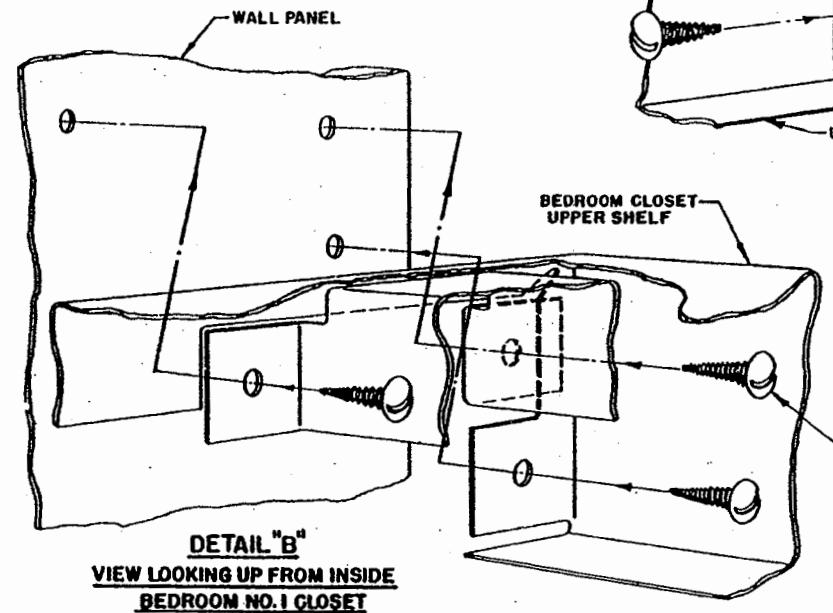
**DETAIL "C"**  
VIEW TAKEN FROM INSIDE  
BEDROOM NO. 2 CLOSET



**DETAIL "A"**  
VIEW LOOKING UP FROM INSIDE  
BEDROOM NO. 1 CLOSET



**DETAIL "D"**  
VIEW LOOKING FROM INSIDE  
BEDROOM CLOSET

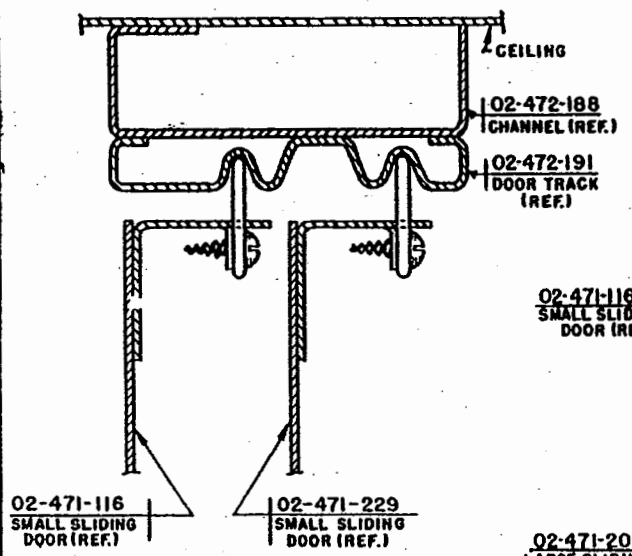


**DETAIL "B"**  
VIEW LOOKING UP FROM INSIDE  
BEDROOM NO. 1 CLOSET

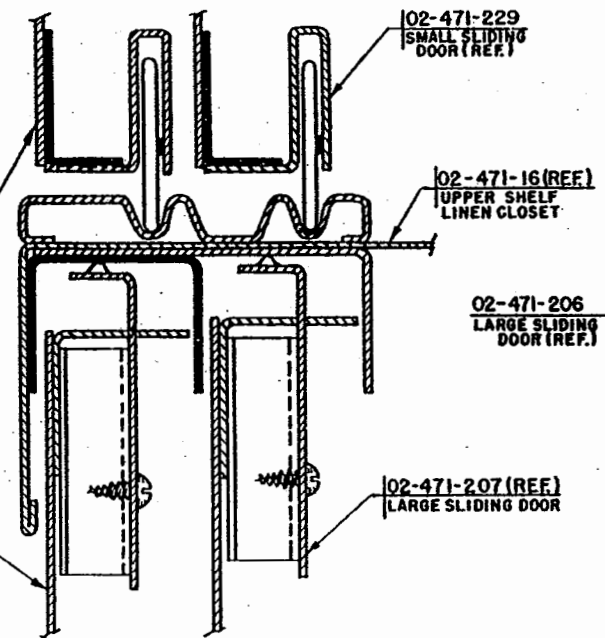


ERECTION		MANUAL
TITLE INSTALLATION-TRIPLE CLOSET ASSEMBLY NO. 2-DETAILS		
PREPARED BY G.E.	DATE 6-10-49	EFF. 1001 & SUB.
REVISOR 7-25-49	BY R.L.S.	DRAWING NUMBER EM-02-R-53.11

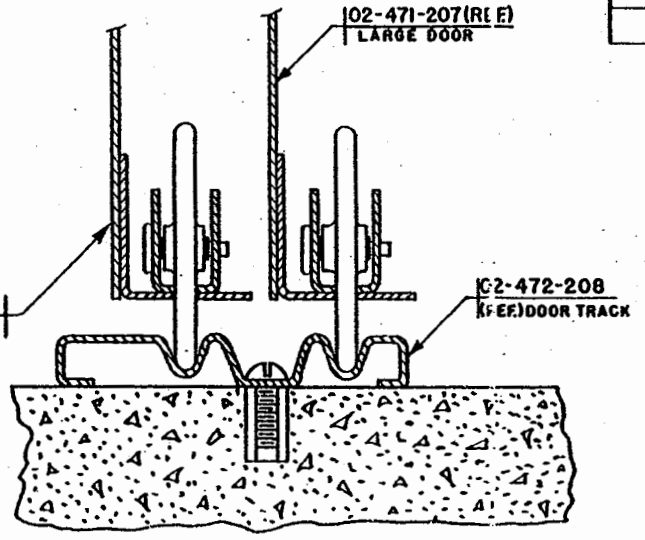
RELEASE NO.	DATE
NP-685	6-10-49
NP-724	7-25-49



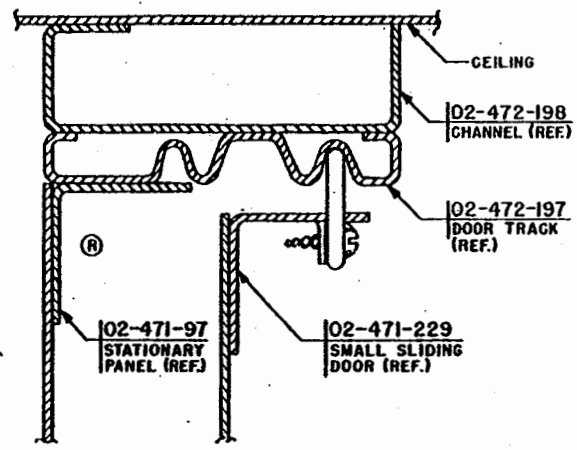
**SECTION "F-F"**  
TYPICAL DOOR SECTION AT CEILING IN LINEN CLOSET



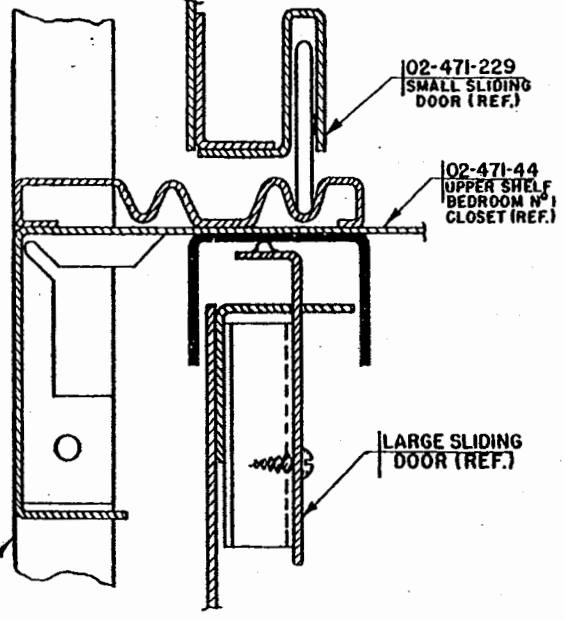
**SECTION "G-G"**  
TYPICAL DOOR SECTION AT UPPER SHELF IN LINEN CLOSET



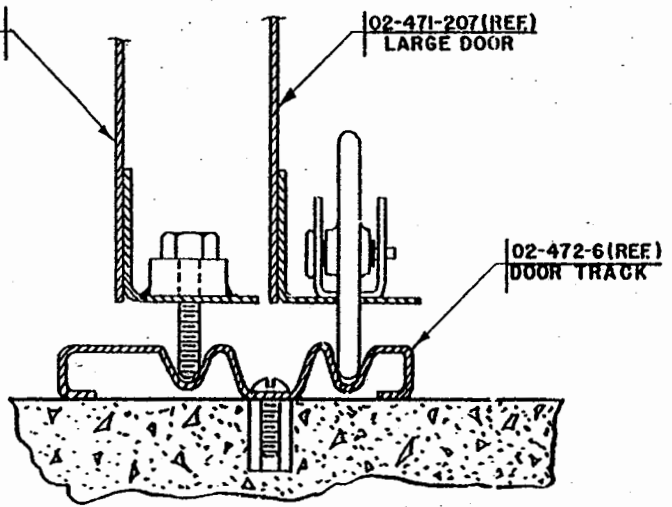
**SECTION "H-H"**  
TYPICAL DOOR SECTION AT FLOOR IN LINEN CLOSET



**SECTION "J-J"**  
TYPICAL DOOR SECTION AT CEILING IN BEDROOM CLOSET



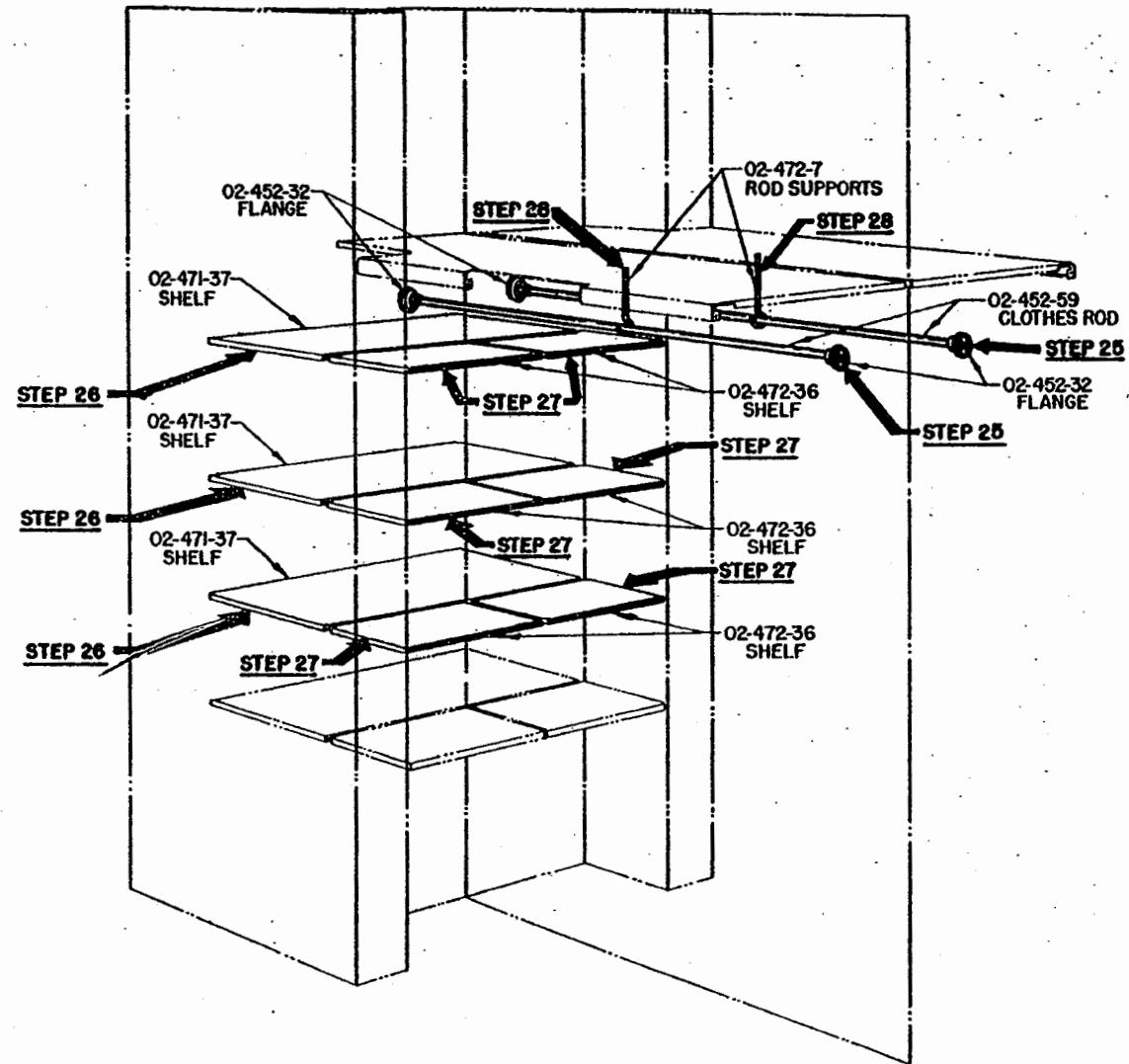
**SECTION "K-K"**  
TYPICAL DOOR SECTION AT UPPER SHELF IN BEDROOM CLOSETS



**SECTION "L-L"**  
TYPICAL DOOR SECTION AT FLOOR IN BEDROOM CLOSETS



ERECTION		MANUAL	
TITLE INSTALLATION-TRIPLE CLOSET UNIT, ASSEMBLY N°2-DETAILS			
PREPARED BY	DATE	EFF. 1001 & SUB.	
W. C. O.	6-8-49	DRAWING NUMBER	
REVISOR	BY	EM-02-R 53.12	
7-25-49	R.L.S.		

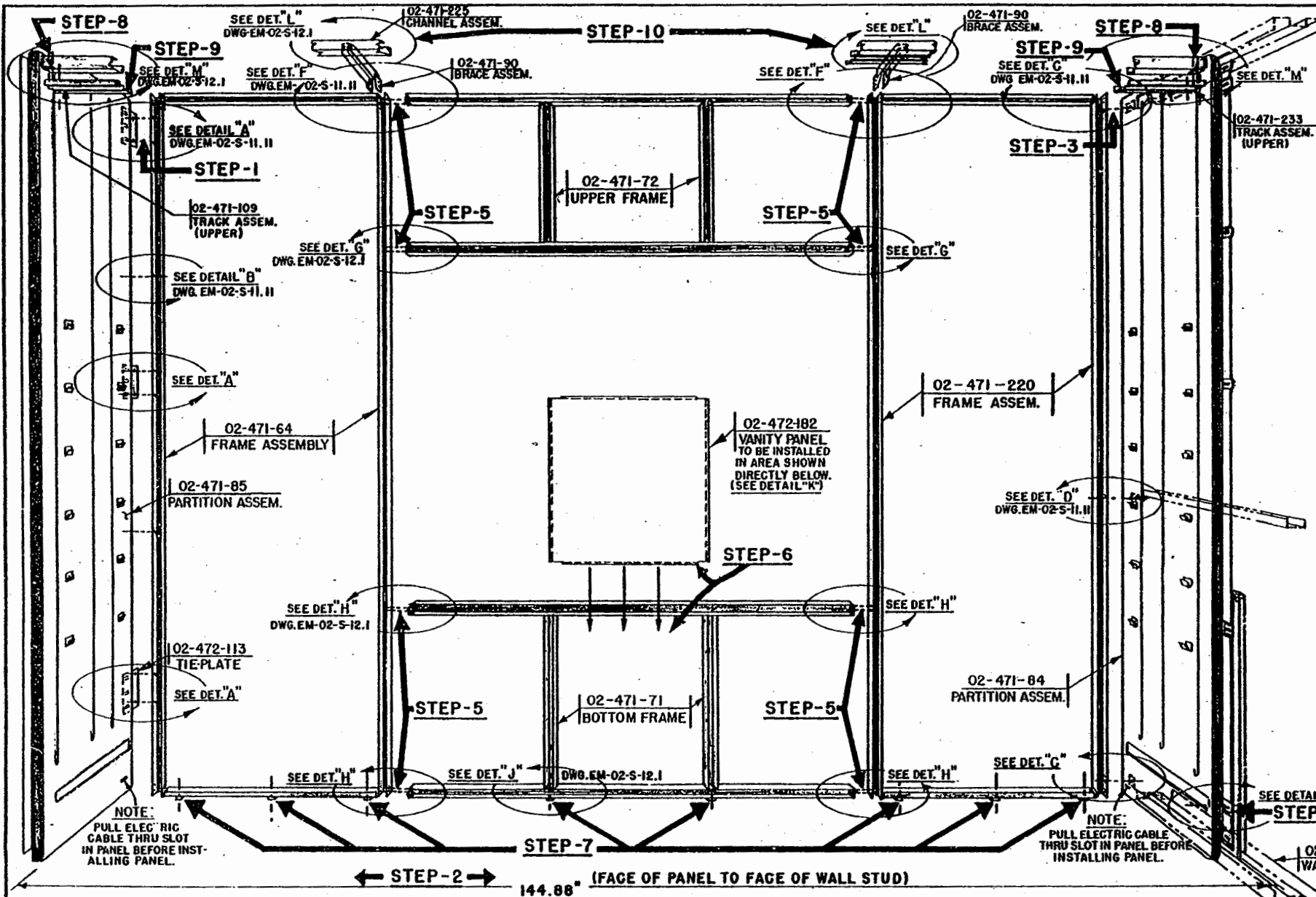


- STEP NO. 25** INSTALL 02-452-59 CLOTHES ROD BY INSERTING ROD INTO 02-452-32 MOUNTING FLANGE ATTACHED TO WALL PANELS 02-311-47 AND 02-311-48 WITH #10X 3/8" T.R. SCR. (LS208-68). SLIP 02-452-32 FLANGE OVER ROD & SECURE TO 02-472-36 & 02-472-17 PARTITION PANELS WITH #8-32 X 1/4" MACH. SCR. (LS68-48) AND #8-32 CAP NUTS (LS407-8H).
- STEP NO. 26** INSTALL (3) 02-471-37 SHELVES. SLIP IN PROPER PLACES WITH CLIPS PROVIDED IN SIDE PANELS AND PARTITION PANELS OF LINEN CLOSET.
- STEP NO. 27** INSTALL (6) 02-472-36 SHELVES CLIP IN POSITION (3 EACH SIDE OF BEDROOM CLOSETS).
- STEP NO. 28** INSTALL 02-472-7 CLOTHES ROD SUPPORTS (1 EA. ROD) TO UPPER SHELF AND FASTEN WITH (1) EACH #10-24 CAP NUT (LS407-10H).



ERECTION		MANUAL	
TITLE INSTALLATION-TRIPLE CLOSET UNIT-ASSEMBLY NO.3			
PREPARED BY G.E.	DATE 6-3-49	EFF. 1001 & SUB	
		DRAWING NUMBER EM-02-R-61.1	





**STEP-1:**  
 INSERT "X" FLANGE OF PANEL 02-471-85 INTO "V" FLANGE OF ADJOINING WALL PANEL. ATTACH LEFT FRAME ASSEM-02-471-64 TO PANEL WITH LS-68-88 MACH. SCREWS, LS400-88 HEX NUTS & LS431-88 LOCK WASHERS THRU HOLES IN RT. FLANGE OF PANEL. AT THE SAME TIME ATTACH(3) TIE PLATES-02-472-113 TO REAR SIDE OF PANEL F. ANGE USING THE PROPER HOLES. SEE DETAIL "A" DWG. EM-02-S-11.II. BOLT PANEL, FRAME ASSEM. & TIE PLATE TOGETHER. BOLT TIE PLATE TO WALL STUD USING LS204-68 TAPPING SCREWS.

**STEP-2:**  
 LOCATE BED ROOM-HALL WALL, SECTION 02-201-14 AT 144.88" FROM FACE OF FRONT WALL PANELS TO FACE OF WALL STUD. SEE FIG. 1.

**STEP-3:**  
 ATTACH PANEL 02-471-84 TO RT. FRAME ASSEM. 02-471-220 AND ATTACH TO BRACKETS ON WALL SECT. USING LS68-88 S.M. SCREWS & LS400-88 HEX NUT WITH LS431-88 LOCK WASHERS. SEE DETAIL "C"

**STEP-4:**  
 ATTACH "V" FLANGE OF PANEL 02-471-84 PER DETAIL "E".

**STEP-5:**  
 ATTACH UPPER FRAME 02-471-72 TO FRAME 02-471-64 AND BRACE 02-471-90 AS SHOWN IN DETAILS "F" AND "G" USING LS68-88 MACH. SCREWS, LS400-88 HEX NUTS & LS431-88 LOCK WASHERS. ATTACH BOTTOM FRAME 02-471-71 TO FRAME 02-471-64. SEE DETAIL "H". 02-471-220 INSTALLATION SIMILAR.

**STEP-6:**  
 ATTACH VANITY BACK PANEL 02-472-182 TO BOTTOM FRAME 02-471-71 USING LS204-68 SCREWS, (4) ON EACH SIDE. SEE DETAIL "K" DWG. EM-02-S-12.I.

NOTE:  
 PULL ELEC. RIG. CABLE THRU SLOT IN PANEL BEFORE INSTALLING PANEL.

NOTE:  
 PULL ELECTRIC CABLE THRU SLOT IN PANEL BEFORE INSTALLING PANEL.

FIG. 1 VIEW TAKEN FROM BED ROOM N<sup>o</sup> 1 LOOKING TOWARD LIVING ROOM

**STEP-7:**  
 ELEVATE ENTIRE STRUCTURE UP TO CEILING PANELS TO EFFECT SOME RIGIDITY. THIS IS DONE BY TURNING ADJUSTING BOLTS 02-452-97. SEE DETAIL "J" DWG. EM-02-S-12.I.

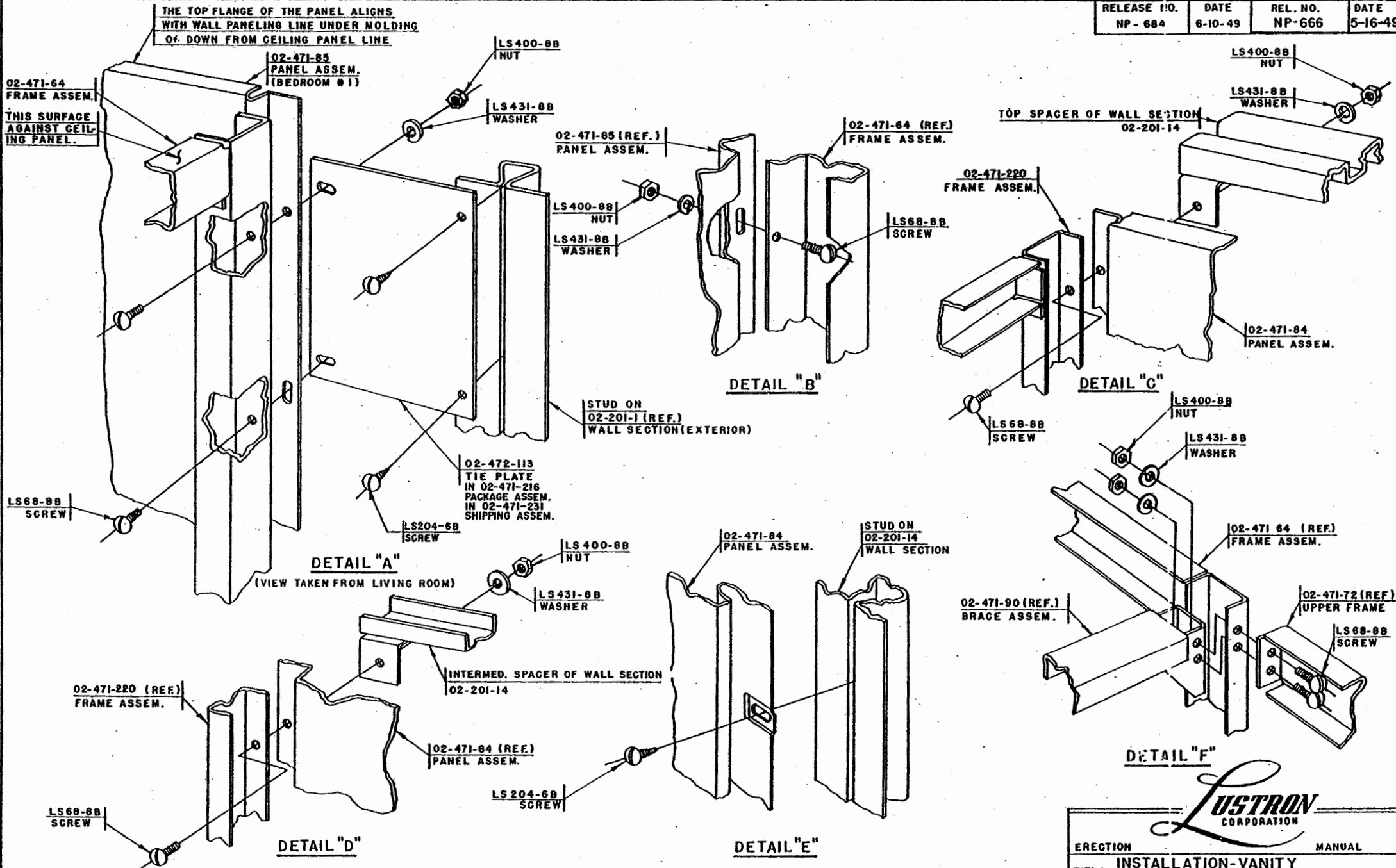
**STEP-8:**  
 INSTALL TOP TRACK CHANNEL 02-471-225 BY ATTACHING BOTH ENDS TO BRACKETS ON PANELS 02-471-85 & 02-471-84 USING LS204-68 TAPPING SCREWS. SEE DETAIL "M" DWG. EM-02-S-12.I.

**STEP-9:**  
 INSTALL UPPER TRACK 02-471-109 & 02-471-233 SECTIONS USING LS204-68 TAP. SCREWS AND FASTENING TO CHANNEL 02-471-225. SEE DETAIL "M" DWG. EM-02-S-12.I.

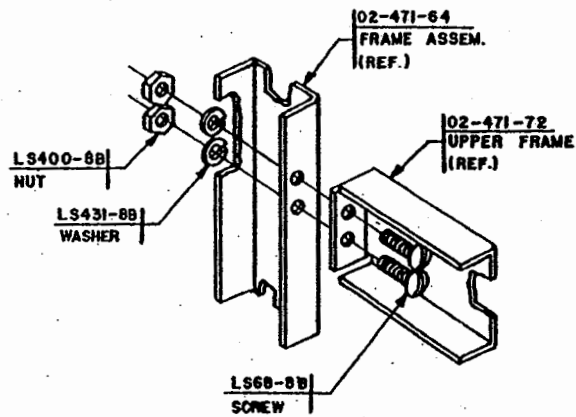
**STEP-10:**  
 ATTACH UPPER TRACK CHANNEL 02-471-225 TO BRACES 02-471-90 USING LS204-68 TAPPING SCREWS. SEE DETAIL "L" DWG. EM-02-S-12.I.

**Lustron**  
CORPORATION

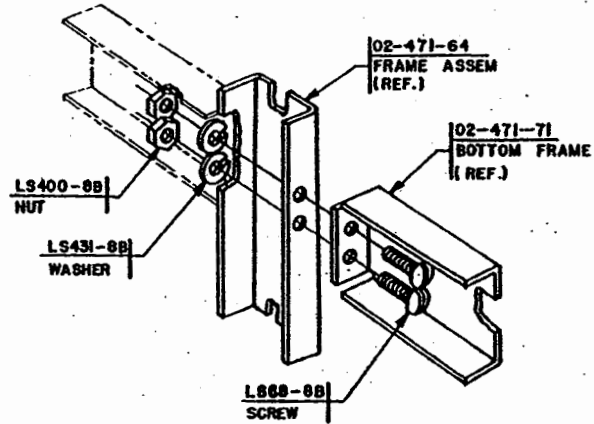
ERECTION	MANUAL
<b>TITLE INSTALLATION-VANITY CLOSET ASSEMBLY N<sup>o</sup> 1</b>	
PREPARED BY R. L. S.	DATE 6-10-49
EFF. 1001 & SUB.	DRAWING NUMBER EM-02-S-11.10



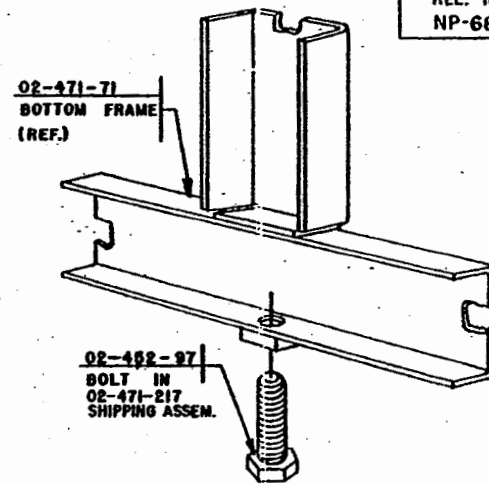
ERECTION		MANUAL	
TITLE INSTALLATION-VANITY CLOSET DETAILS			
PREPARED BY R.L.S.	DATE 5-16-49	EFF 561 & SUB. (R)	
REVISED 6-10-49 (R)	BY R.L.S.	DRAWING NUMBER EM-02-S-II.II	



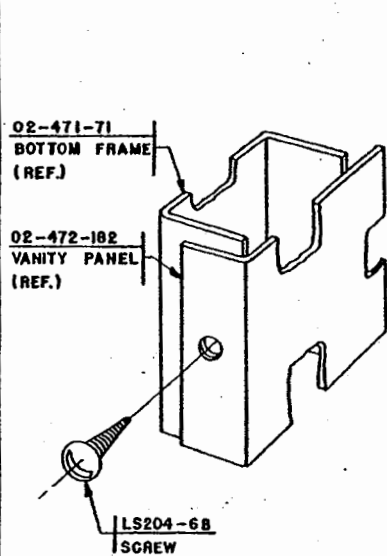
**DETAIL "G"**  
TYPICAL CONNECTION



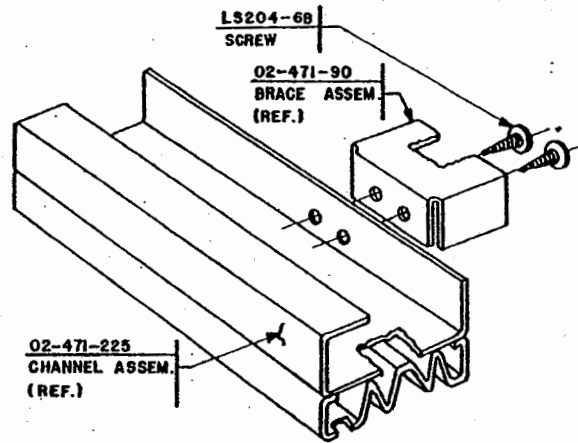
**DETAIL "H"**  
TYPICAL CONNECTION



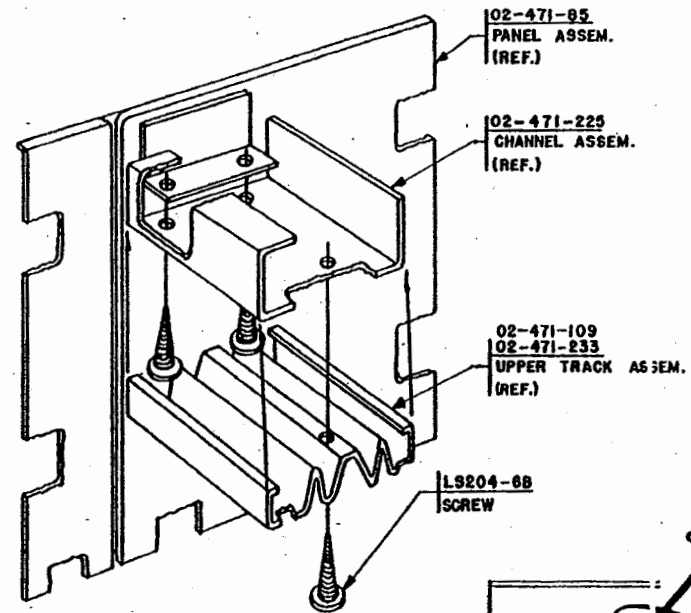
**DETAIL "J"**  
TYPICAL CONNECTION



**DETAIL "K"**  
TYPICAL 8 PLACES  
FOR INSTALLATION OF  
02-472-182 PANEL



**DETAIL "L"**



**DETAIL "M"**

<b>LUSTRON</b> CORPORATION		MANUAL
ERECTION		
TITLE	INSTALLATION - VANITY CLOSET DETAILS	
PREPARED BY	DATE	EFF.
R. L. S.	6-10-49	1001 & SUB.
		DRAWING NUMBER
		EM-02-S-12.1

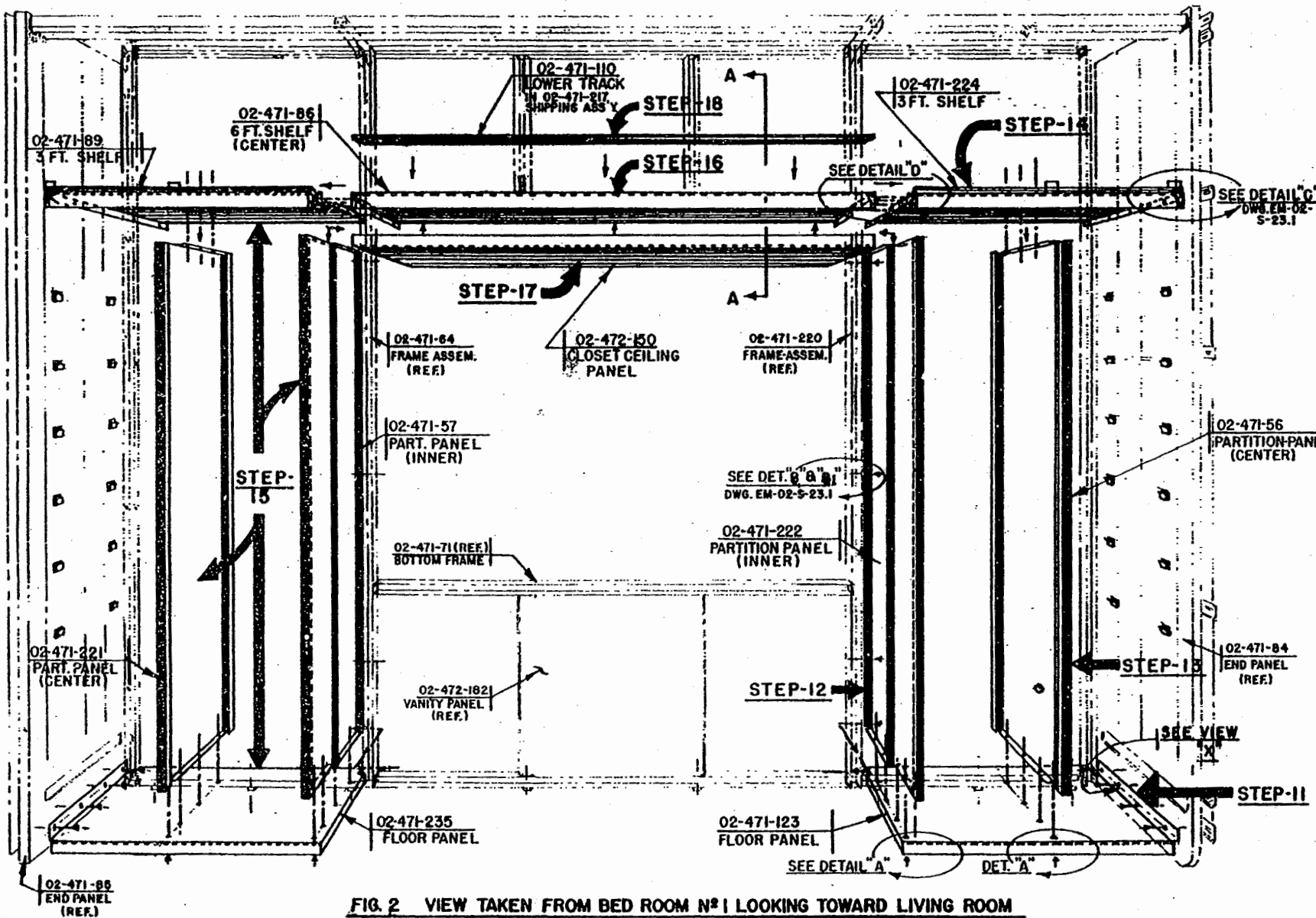
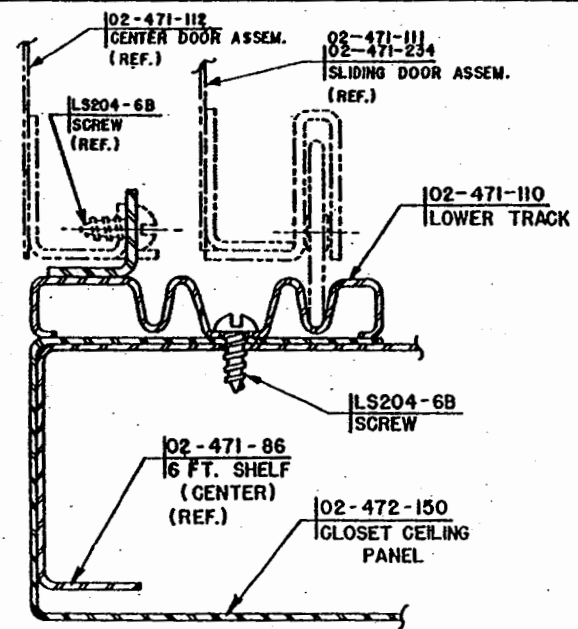


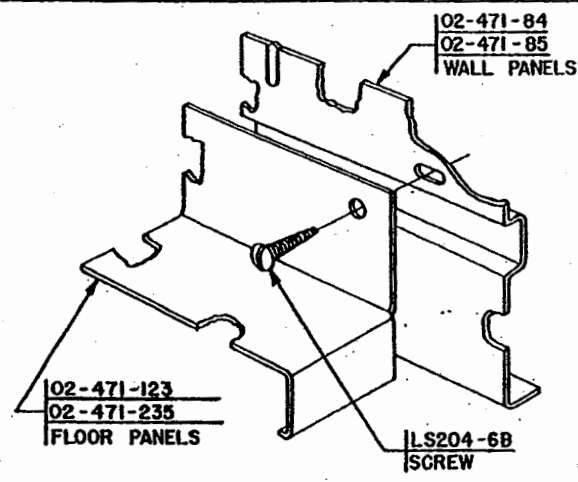
FIG. 2 VIEW TAKEN FROM BED ROOM N° 1 LOOKING TOWARD LIVING ROOM

- STEP-11:**  
INSTALL FLOOR PANEL 02-471-123 KEEPING FLANGE UP AND TO THE RIGHT. ATTACH TO END PANEL 02-471-84 USING LS204-6B SCREWS. SEE VIEW "X" EM-02-S-23.1. LEVEL PANEL BY MEANS OF JACK SCREWS LS6-36B. SEE DETAIL "A".
- STEP-12:**  
INSTALL INNER PARTITION PANEL 02-471-222. ATTACH TO FLOOR PANEL 02-471-123 USING LS 204-6B SCREWS. ATTACH ALONG REAR FLANGE TO CHANNEL FRAME 02-471-220 USING (4) LS88-8B SCREWS, LS400-8B NUTS & LS431-8B WASHERS. SEE DET. B & D, DWG. EM-02-S-23.1.
- STEP-13:**  
INSTALL CENTER PARTITION PANEL 02-471-56 ATTACH TO FLOOR PANEL 02-471-123 USING LS204-6B SCREWS.
- STEP-14:**  
INSTALL 3" SHELF 02-471-224. ATTACH TO END PANEL 02-471-84 USING LS204-6B SCREWS. ATTACH TO CENTER PARTITION 02-471-56 USING LS68-4R 3" SCREWS & LS407-8M NUTS.
- STEP-15:**  
REPEAT STEPS N° 11, 12, 13 & 14 FOR INSTALLATION OF PANELS ON LEFT HAND SIDE OF VANITY.
- STEP-16:**  
INSTALL 6" CENTER SHELF 02-471-86 ALIGNING WITH 3" SHELVES. ATTACH TO 3" SHELVES & 02-471-67 & 02-471-222 USING LS68-8B SCREWS, LS400-8B NUTS & LS204-6B SCREWS. SEE DETAIL "D" DWG. EM-02-S-23.1.
- STEP-17:**  
INSTALL CEILING PANEL 02-472-150 TO BOTTOM SIDE OF 6" SHELF 02-471-86 USING (11) LS204-6B SCREWS ALONG FRONT EDGE & (5) LS68-8B SCREWS, LS400-8B NUTS & LS 431-8B WASHERS. SEE VIEW "A-A".
- STEP-18:**  
ATTACH LOWER TRACK FOR UPPER SLIDING DOORS 02-471-110 TO 6" CENTER SHELF 02-471-86 USING LS 204-6B SCREWS. SEE VIEW "A-A".

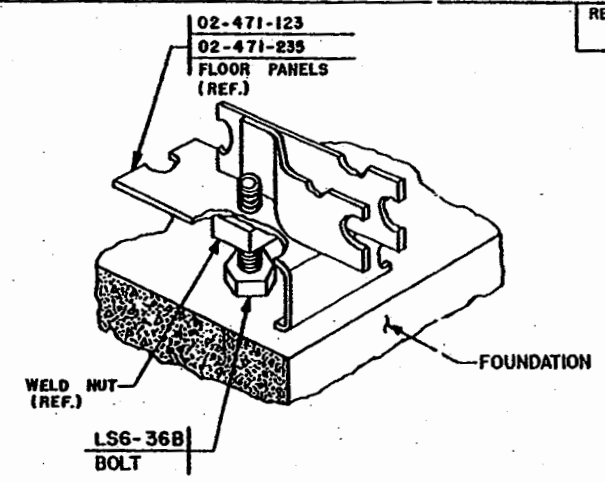
<b>LUSTRON</b> CORPORATION		ERECTION	MANUAL
		TITLE <b>INSTALLATION-VANITY CLOSET ASSEMBLY N° 2</b>	
PREPARED BY R. L. S.	DATE 6-10-49	EFF 1001 & SUB. DRAWING NUMBER EM-02-S-22.1	



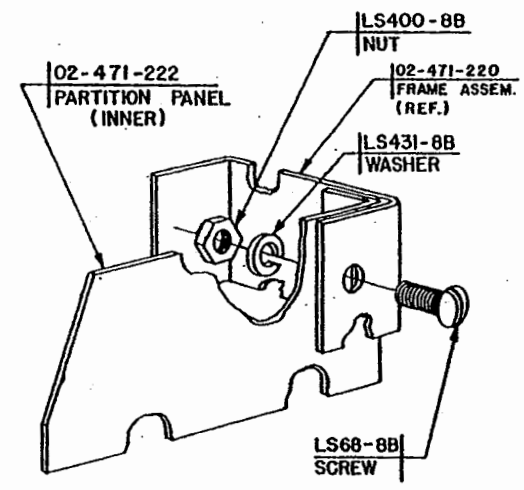
**SECTION "A-A"**  
SEE DWG EM-02-S-33.1  
FOR INSTALLATION OF DOORS



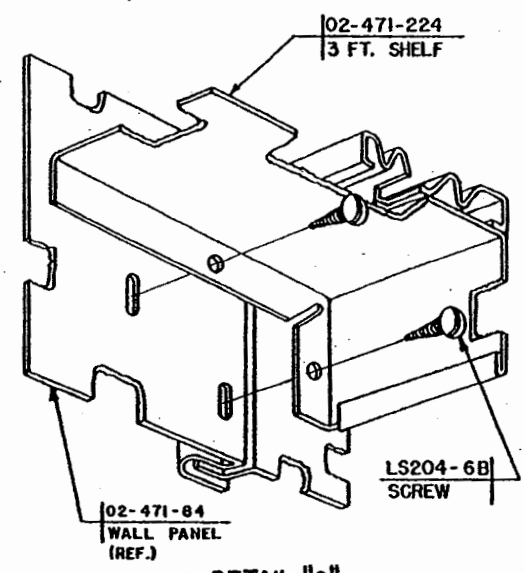
**VIEW "X"**  
TYPICAL FOR INSTALLATION OF  
02-471-123 FLOOR PANEL TO  
02-471-84 PANEL &  
02-471-85 PANEL



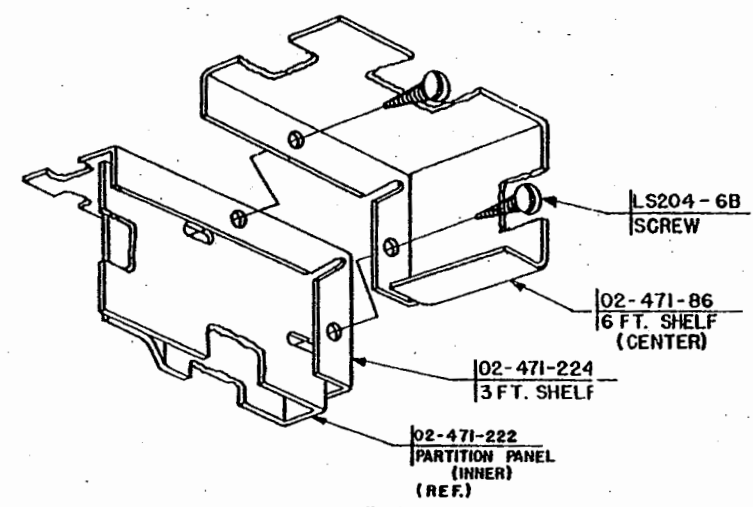
**DETAIL "A"**



**RIGHT HAND - DETAIL "B"**  
**LEFT HAND DETAIL "B"**



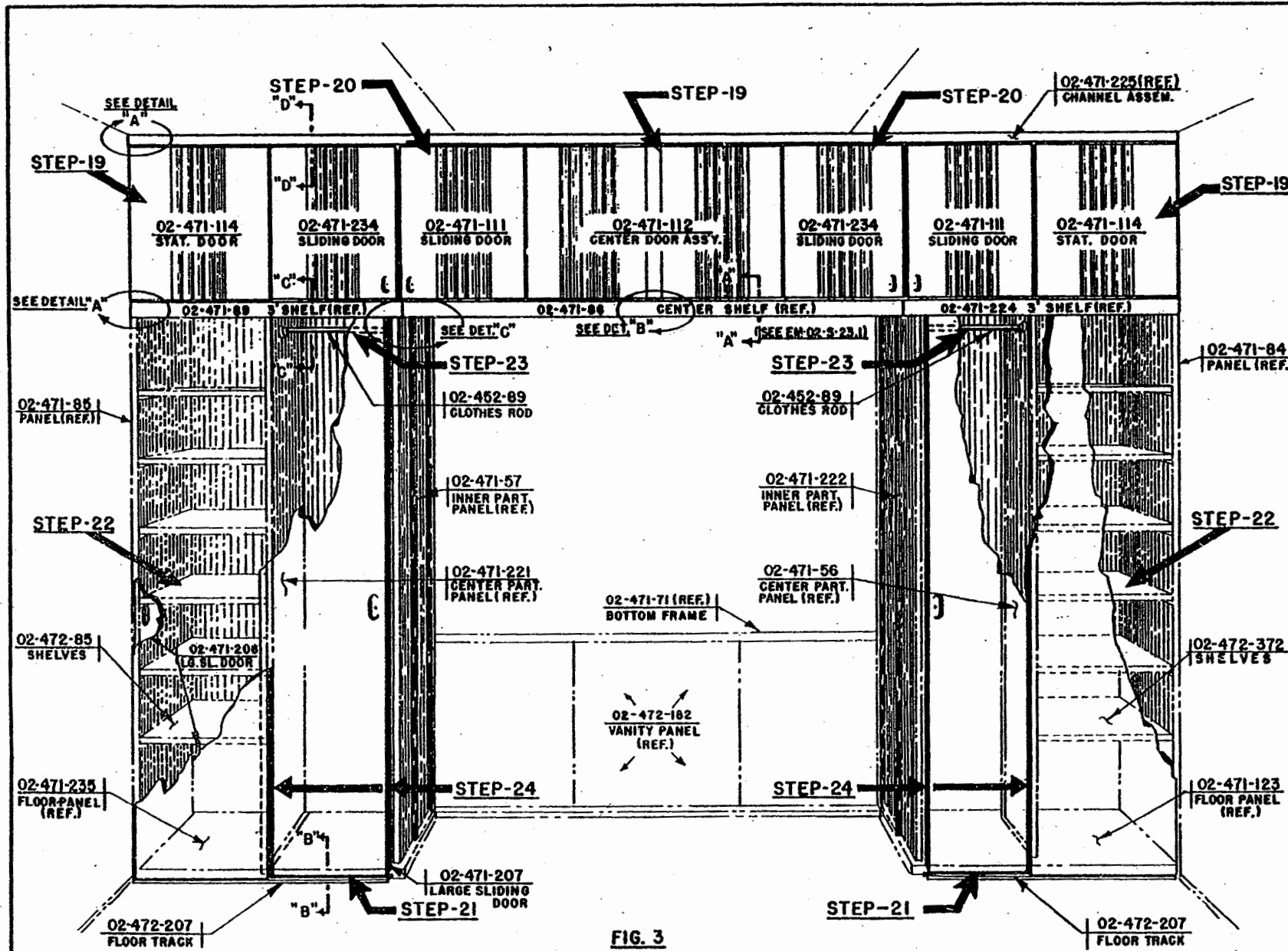
**DETAIL "C"**  
VIEW TAKEN FROM INSIDE THE  
CLOSET UNDER THE SHELF &  
LOOKING UP & INTO THE ROOM



**DETAIL "D"**  
VIEW TAKEN FROM UNDER SIDE  
OF SHELF LOOKING UP &  
INTO THE ROOM

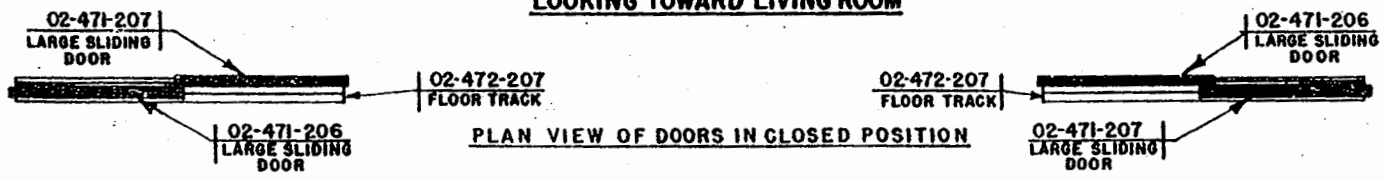


ERECTION		MANUAL
TITLE INSTALLATION - VANITY CLOSET		
ASSEMBLY №2 DETAILS		
PREPARED BY	DATE	EFF. 1001 & SUB.
R.L.S.	6-10-49	DRAWING NUMBER
EM-02-S-23.1		

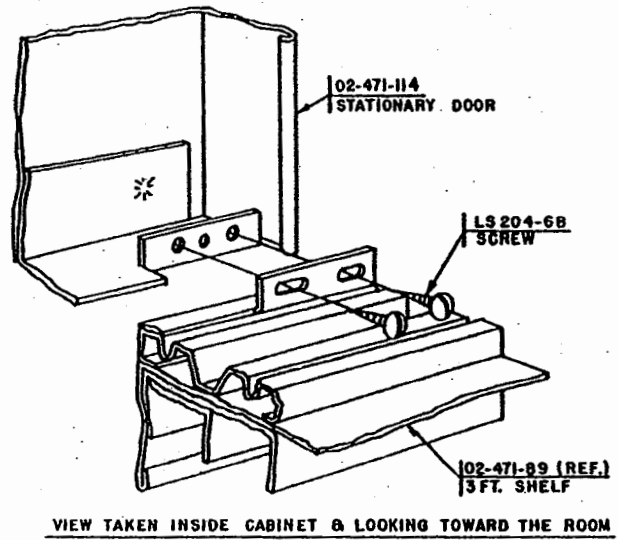


- STEP-19:** INSTALL STATIONARY DOORS 02-471-114 SEE DETAIL "A" DWG. EM-02-S-34.1 USING LS204-6B SCREWS (6) EACH DOOR. INSTALL STATIONARY CENTER DOOR 02-471-112 USING LS204-6B SCREWS. SEE DET. "B" DWG. EM-02-S-34.1 AND SECTION "A-A" DWG. EM-02-S-21.1, AND DETAIL "A" EM-02-S-34.1.
- STEP-20:** INSTALL UPPER SLIDING DOORS (2) 02-471-234 & (2) 02-471-111. SEE SECTION "C-C" & "D-D" DWG. EM-02-S-34.1. DOOR FINGER GRIPS SHOULD BE INSTALLED BEFORE DOORS ARE INSTALLED IN CABINET. TO INSTALL DOOR LOOSEN LOCK-SCREW IN TOP SLIDERS & ROTATE SLIDER DOWNWARD. POSITION LOWER ROLLERS IN TRACK. PLACE TOP SIDE OF DOOR SO THAT SLIDERS ALIGN IN PROPER TRACK GROOVE. ROTATE ECCENTRIC SLIDER UPWARD AND TIGHTEN LOCK-SCREW. MOVE DOOR TO CHECK SLIDING ACTION. ALL FIBER GLIDERS ARE TO BE COATED WITH DOOR WAX AS OBTAINED AT ANY GASOLINE STATION.
- STEP-21:** INSTALL FLOOR TRACK 02-472-207 (FOR LARGE SLIDING DOORS). LAY TRACK ON CONCRETE FLOOR IN APPROX. LOCATION. INSTALL LARGE SLIDING DOORS FOR TRIAL LOCATION IN UPPER GUIDE & IN LOWER TRACK. TRACK POSITION IS ADJUSTED TO GET PROPER VERTICAL ALIGNMENT OF DOORS IN RELATION TO WALL PANELS AND JAMB FACING OF INNER PARTITION PANEL. MARK TRACK LOCATION ON FLOOR & REMOVE DOORS. INSTALL ANCHOR BUSHES 02-202-89, (2) PER TRACK. SECURE TRACK TO FLOOR USING LS68-8B SCREWS. SEE SECT'S, "B-B" AND "C-C" DWG. EM-02-S-34.1.
- STEP-22:** INSTALL SHELVES 02-472-85 (6) ON LEFT SIDE & 02-472-372 SHELVES (6) ON RIGHT SIDE OF VANITY CLOSETS. INSERT SHELVES IN CLIPS PROVIDED FOR IN PANELS.
- STEP-23:** INSTALL CLOTHES RODS 02-452-89 IN BRACKETS PROVIDED ON PANELS 02-471-57 02-471-221, 02-471-222 & 02-471-56.
- STEP-24:** INSTALL LARGE SLIDING DOORS 02-471-206 & (2) 02-471-207. SEE SECTION "B-B" DWG. EM-02-S-34.1. FOLLOW SAME PROCEDURE FOR INSTALLING DOORS AS USED IN STEP-20.

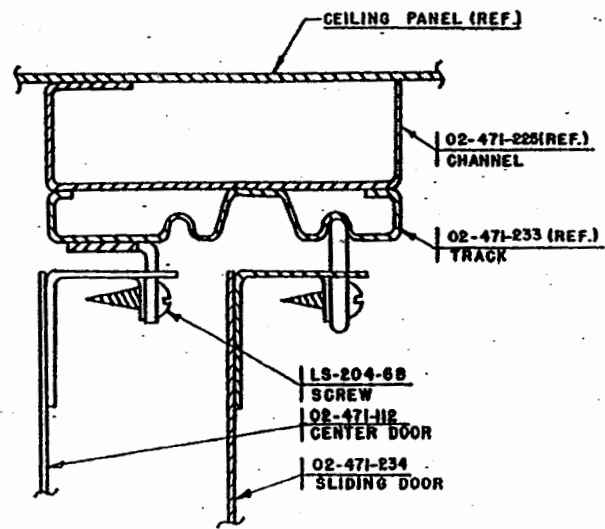
FIG. 3  
VIEW TAKEN FROM BEDROOM N° 1  
LOOKING TOWARD LIVING ROOM



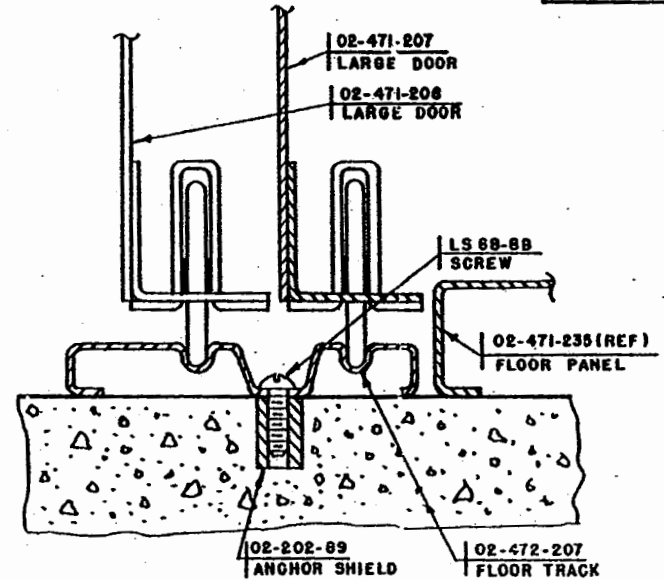
<b>Lustron</b> CORPORATION		ERECTION MANUAL
TITLE <b>INSTALLATION-VANITY CLOSET ASSEMBLY N° 3</b>		
PREPARED BY W. C. G.	DATE 3-10-49	EFF. 1001 & SUB. DRAWING NUMBER EM-02-S-33.1



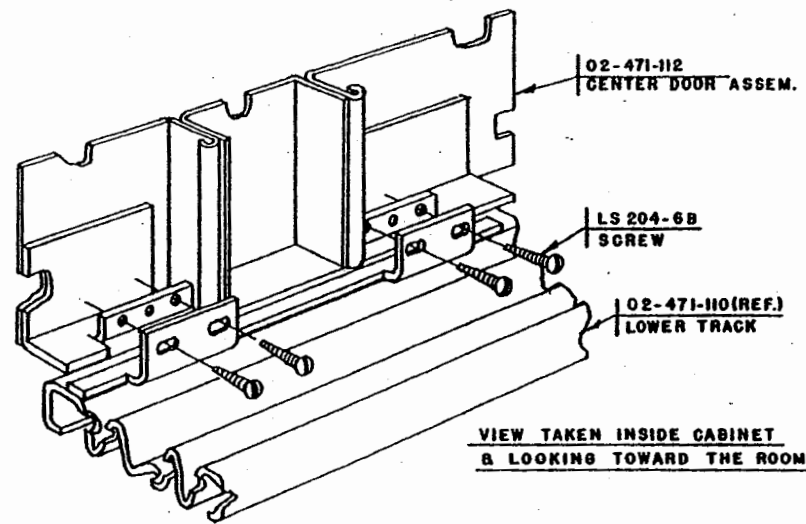
DETAIL A



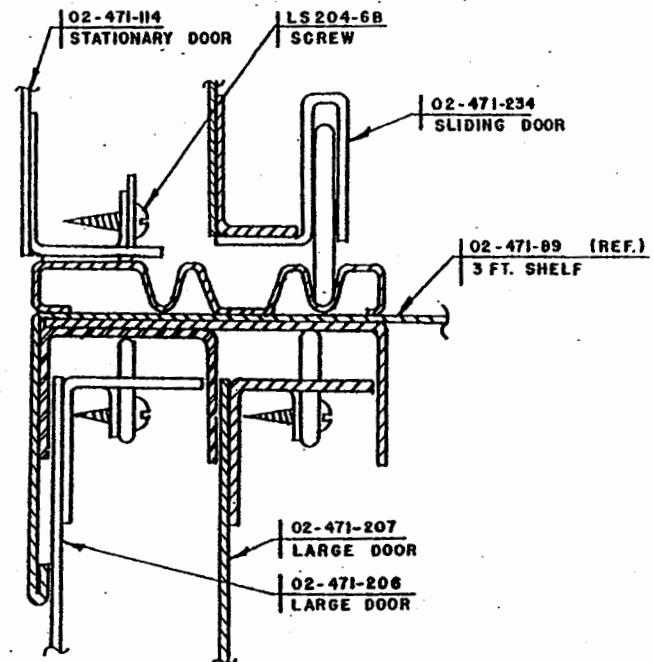
SECTION D-D



SECTION B-B



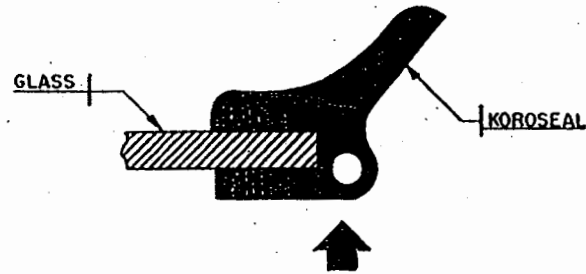
DETAIL B



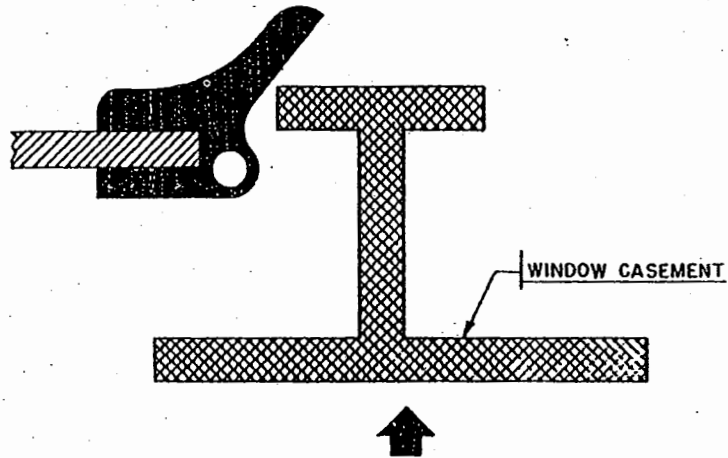
SECTION C-C



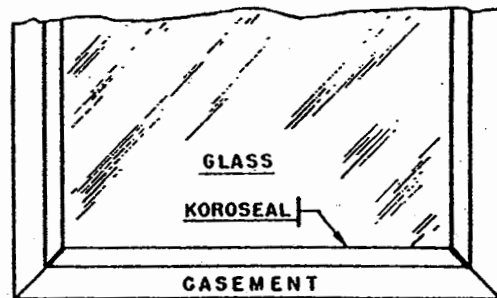
ERECTION		MANUAL
TITLE INSTALLATION-VANITY CLOSET ASSEMBLY No 3 DETAILS		
PREPARED BY R.L.S.	DATE 6-10-49	EFF 1001 & SUB. DRAWING NUMBER EM-02-S-34.1



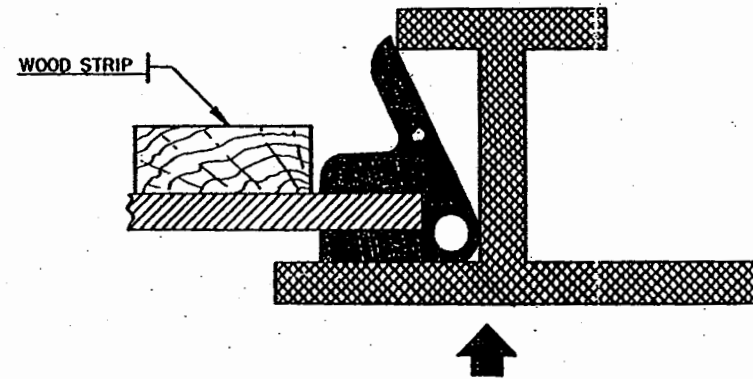
No 1 PLACE KOROSEAL COMPLETELY AROUND EDGE OF GLASS.



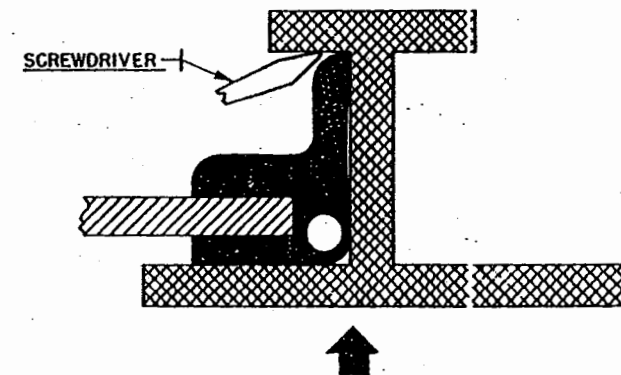
No 2 PLACE EDGE OF KOROSEAL AND GLASS ASSEMBLY OVER FRONT EDGE OF CASEMENT AS SHOWN. WITH FINGERS GENTLY PRESS AROUND THE EDGE OF THE GLASS UNTIL THE COMPLETE GLASS IS IN THE POSITION AS SHOWN.



No 5 WHEN WINDOW IS IN PLACE, FILL ALL CORNERS WHERE KOROSEAL STRIPS FORM A JOINT, WITH NO 1004 KOROLAC.



No 3 PLACE A STRIP OF WOOD THE LENGTH OF THE GLASS AND APPROXIMATELY 1/2" THICK AND 2" WIDE HORIZONTALLY ACROSS THE FACE OF THE GLASS AND PRESS GENTLY UNTIL THE KOROSEAL IS TIGHT AGAINST THE REAR EDGE OF THE CASEMENT AS SHOWN. MOVE THE WOOD STRIP UP THE GLASS AND PRESS AT INTERVALS UNTIL THE GLASS AND KOROSEAL ARE SNUG AGAINST THE CASEMENT.



No 4 WITH A SCREWDRIVER OR SIMILAR INSTRUMENT, PRESS THE FRONT EDGE OF THE KOROSEAL DOWN, BEHIND THE LIP ON THE CASEMENT.

WINDOW GLASS SIZE  $\pm .03$

	SMALL	LARGE
BEDROOM	11.75 X 15.25	39.64 X 51.28
LIVING ROOM		
DINETTE		
KITCHEN	9.94 X 17.58	
BEDROOM (RIGHT SIDE)		
BATH	10.81 X 15.33	

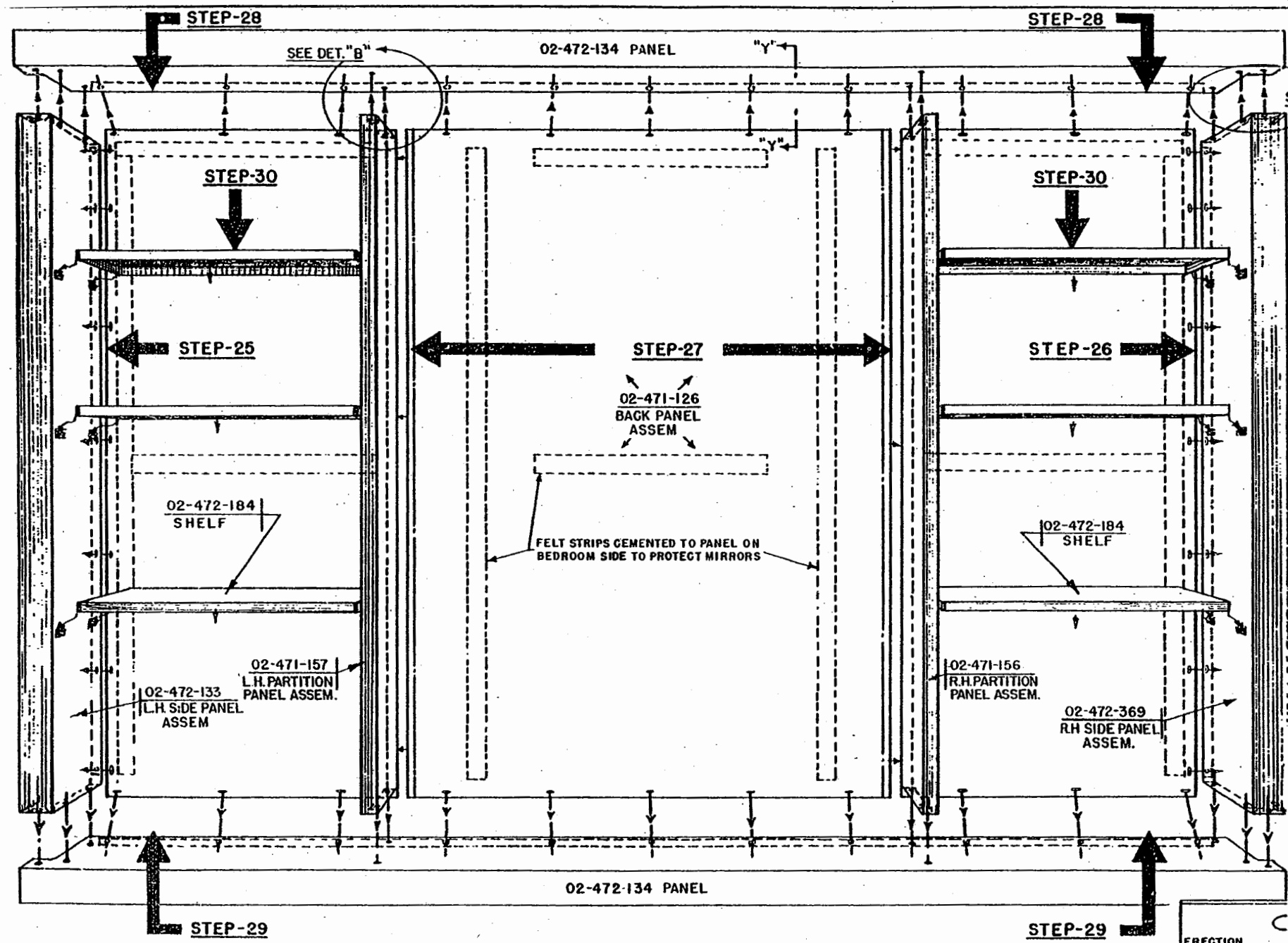
(FROSTED GLASS DOUBLE STRENGTH)

*Lustron*  
CORPORATION

ERECTION		MANUAL
TITLE REPLACEMENT OF WINDOW GLASS		
PREPARED BY W. C. G.	DATE 9-13-49	EFF. 150 & SUB.
DRAWING NUMBER EM-02-Z-40.1		







**STEP-25:**  
ATTACH 02-472-133 SIDE PANEL TO 02-471-157 L.H. PARTITION PANEL USING (7) LS68-5B SCREWS, (7) LS400-8B NUTS & (7) LS431-8B LOCKWASHERS.

**STEP-26:**  
ATTACH 02-472-369 SIDE PANEL TO 02-471-156 R.H. PARTITION PANEL USING (7) LS68-5B SCREWS, (7) LS400-8B NUTS & (7) LS431-8B LOCKWASHERS.

**STEP-27:**  
INSTALL PARTS ASSEMBLED IN STEPS 25 & 26 TO 02-471-126 BACK PANEL. SEE VIEWS "X-X" & "Y-Y" DWG. EM-02-S-53.1.

**STEP-28:**  
ATTACH 02-472-134 PANEL AT THE TOP TO 02-472-133 SIDE PANEL AND 02-471-157 L.H. PARTITION PANEL USING LS68-5B SCREWS, LS400-8B NUTS & LS431-8B LOCKWASHERS. SEE DETAILS "A" & "B" DWG. EM-02-S-53.1. ATTACH PANEL 02-472-134 TO PANELS 02-472-369 & 02-471-156 IN LIKE MANNER.

**STEP-29:**  
ATTACH 02-472-34 PANEL AT BOTTOM IN SAME MANNER USING LS68-5B SCREWS, LS400-8B NUTS & LS431-8B LOCKWASHERS.

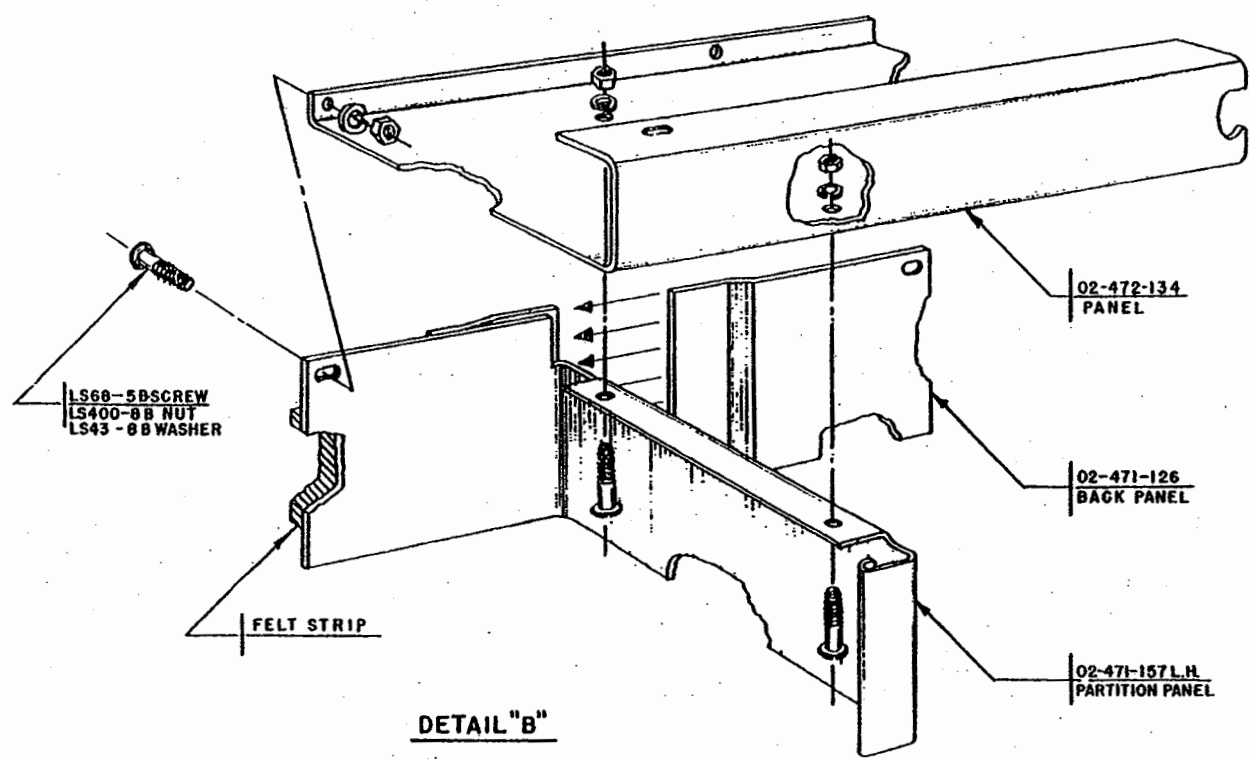
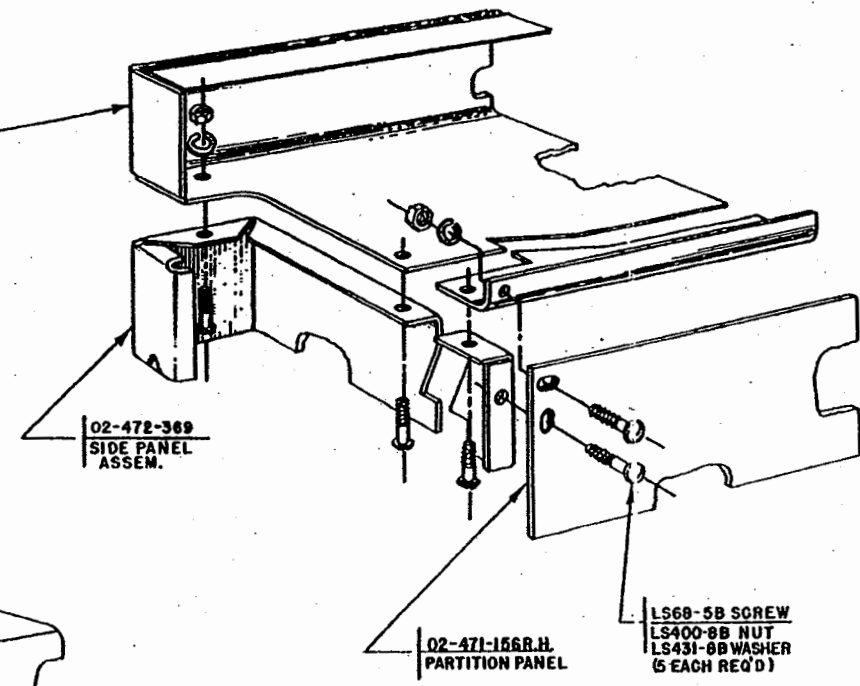
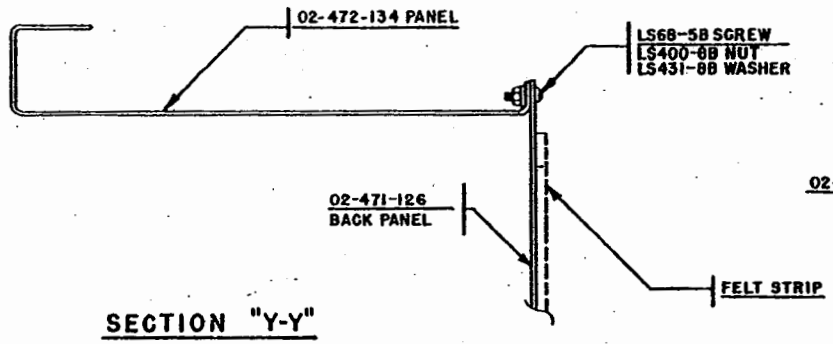
**STEP-30:**  
INSERT (6) SH. LIVES 02-472-184 IN GLIPS PROVIDED IN L.H. & R.H. PART. PANELS.

**STEP-31:**  
INSTALL BOOKCASE UNIT (ONLY AFTER LIVING ROOM WALL HAS BEEN PANELLED). BOOKCASE UNIT IS POSITIONED THRU OPENING & RESTS ON BOTTOM FRAME ASSEM. 02-471-71. ATTACH TOP & BOTTOM FLANGE TO ANGLES ON WALL PANELS 311-72 & 73 USING (6) LS204-6B SCREWS TOP & BOT.

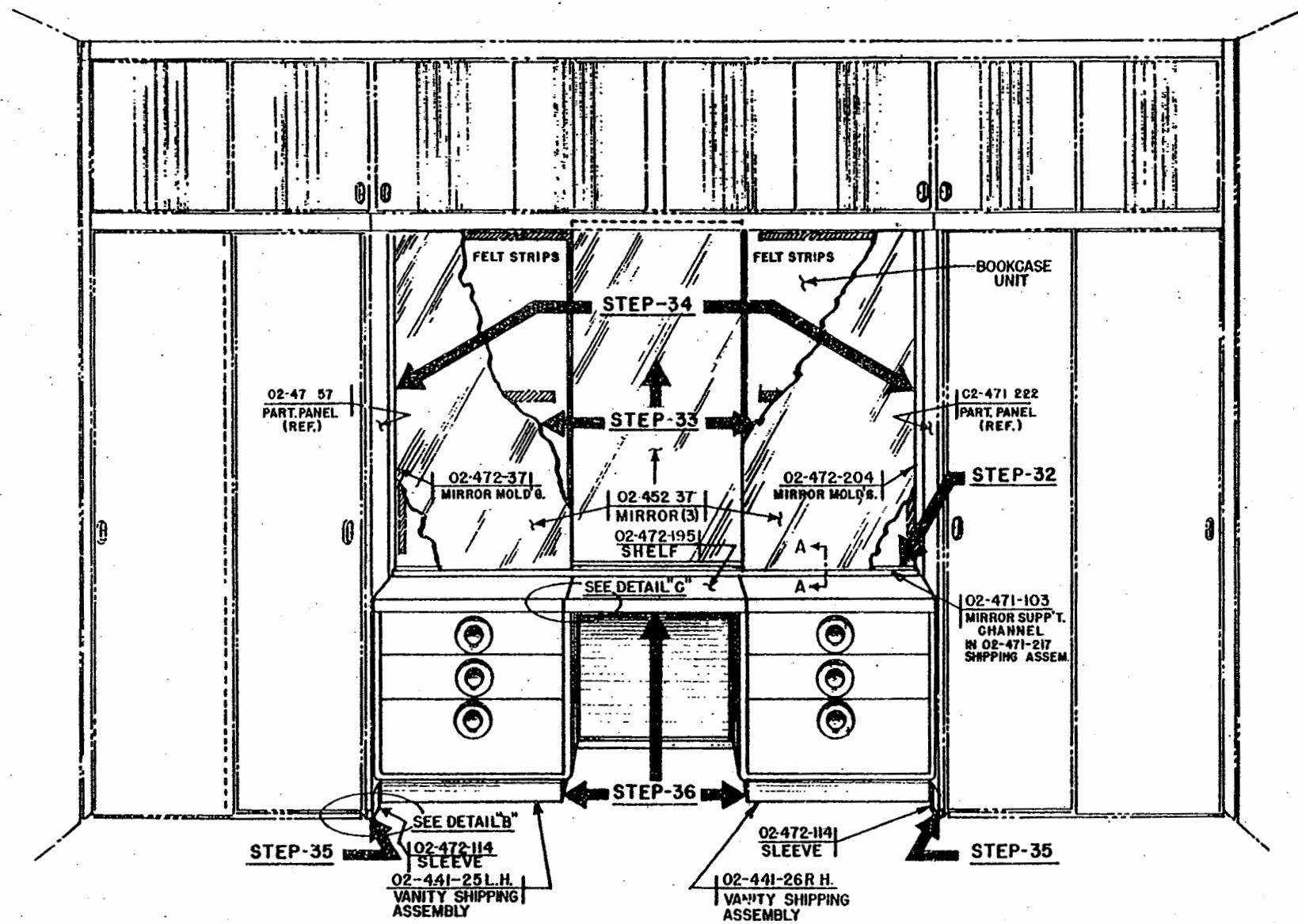
**FIG-5**  
**VIEW TAKEN FROM LIVING ROOM**  
**LOOKING TOWARD BED ROOM N<sup>o</sup>1**



ERECTION		MANUAL	
TITLE ASSEMBLY N <sup>o</sup> 4 BOOKCASE UNIT			
PREPARED BY R. L. S.	DATE 6-10-49	EFF. 1001 & SUB.	
		EM-02-S-52.1	



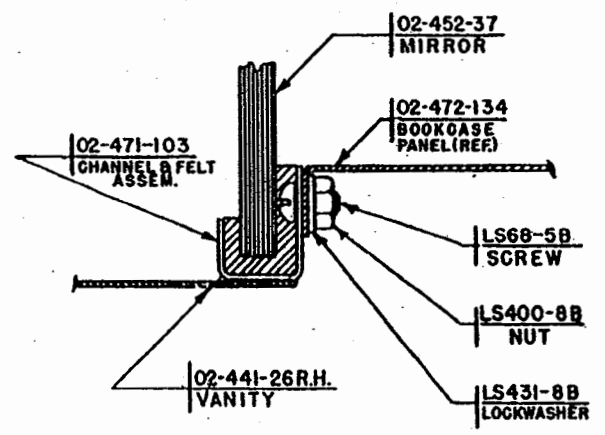
ERECTION		MANUAL	
TITLE ASSEMBLY No. 4 BOOKCASE UNIT- DETAILS			
PREPARED BY R. L. S.	DATE 6-10-49	EFF. 1001 & SUB. DRAWING NUMBER EM-02-S-53.1	



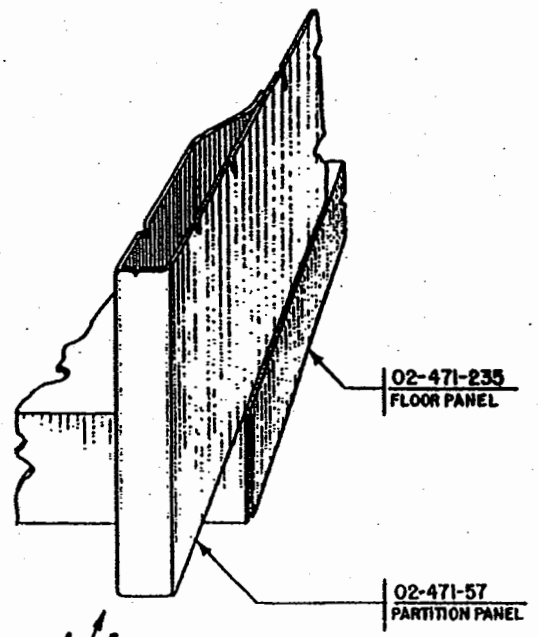
- STEP-32:**  
INSTALL MIRROR SUPPORT CHANNEL 02-471-103. ATTACH TO BOTTOM FLANGE OF BOOKCASE UNIT BY REMOVING NUTS & WASHERS. ATTACH CHANNEL, REPLACE NUTS & WASHERS AND TIGHTEN. SEE SECT. "A" DWG. EM-02-S-63.1.
- STEP-33:**  
INSTALL MIRRORS 02-452-37 (3) REQ'D. PLACE MIRROR IN CENTER. LIFT INTO TOP RECESS & LOWER INTO SUPPORT CHANNEL. SLIDE MIRROR INTO SIDE RECESS-TO THE LEFT. LIFT NEXT MIRROR INTO TOP RECESS AT CENTER, LOWER INTO SUPPORT CHANNEL & SLIDE INTO RIGHT SIDE RECESS. LIFT LAST MIRROR INTO TOP RECESS AT THE CENTER & LOWER INTO SUPPORT CHANNEL POSITION MIRROR IN APPROXIMATE CENTER OF AREA, EDGES SHOULD BISECT FELT STRIPS. SLIDE LEFT & RIGHT MIRRORS INWARD UNTIL THEY TOUCH CENTER MIRROR.
- STEP-34:**  
INSTALL MIRROR MOLDING 02-472-371 & 02-472-204 ATTACH WITH (7) LS204-6B SCREWS EACH SIDE TO INNER PARTITION PANELS 02-471-57 & 02-471-222. (SCREWS DRIVEN FROM INTERIOR S.D. OF PANELS.)
- STEP-35:**  
INSTALL SLEEVE 02-472-114 (2) REQ'D. SLEEVE SLIPS OVER LOWER FRONT EDGE OF INNER PARTITION PANELS 02-471-57 & 02-471-222 SEE DETAIL "B" DWG. EM-02-S-63.1.
- STEP-36:**  
INSTALL SMALL VANITY UNITS 02-441-25 L.H. AND 02-441-26 R.H. ADJUST LEVELLING SCREWS TO RAISE CABINETS RIGIDLY AGAINST LOWER EDGE OF MIRROR SUPPORT CHANNEL. INSTALL SHELF 02-472-195 PER DETAIL "C" SEE EM-02-S-63.1, USING NO. 8-18 X 3/8 TAPPING SCREWS ATTACH SHELF TO ANGLES OF SIDE PANELS OF SMALL VANITY UNITS.

**FIG.-6**  
VIEW TAKEN FROM BED ROOM N°1 LOOKING TOWARD LIVING ROOM

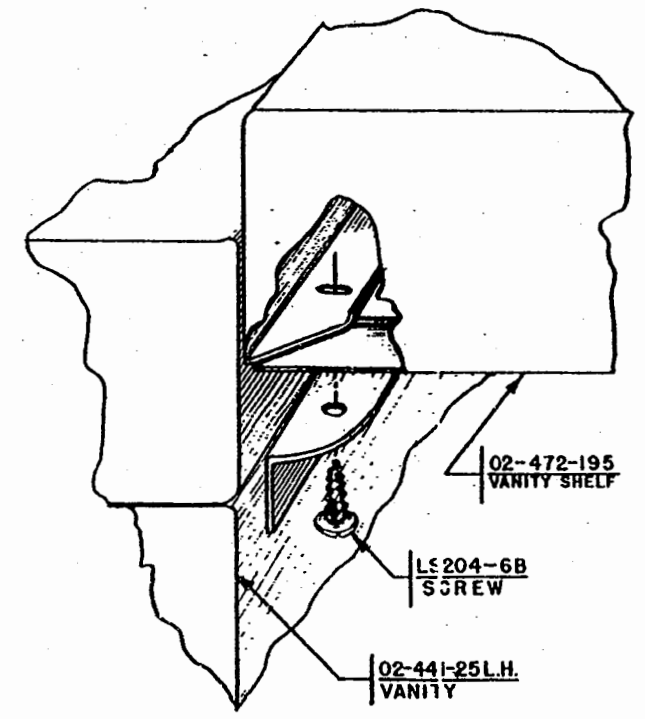
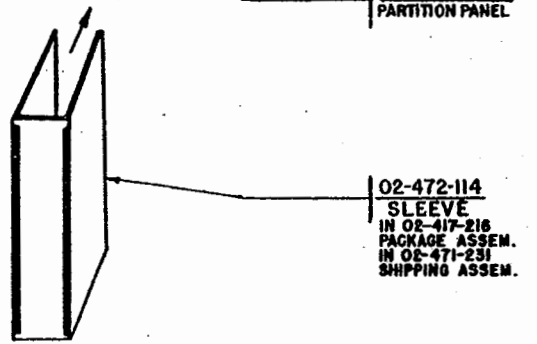
ERECTION	MANUAL
TITLE INSTALLATION-SMALL VANITIES, SHELF & MIRRORS-ASSEM. N° 5	
PREPARED BY R. I. S.	DATE 6-10-49
EFF. 1001 & SUB.	
DRAWING NUMBER EM-02-S-62.1	



SECTION "A-A"



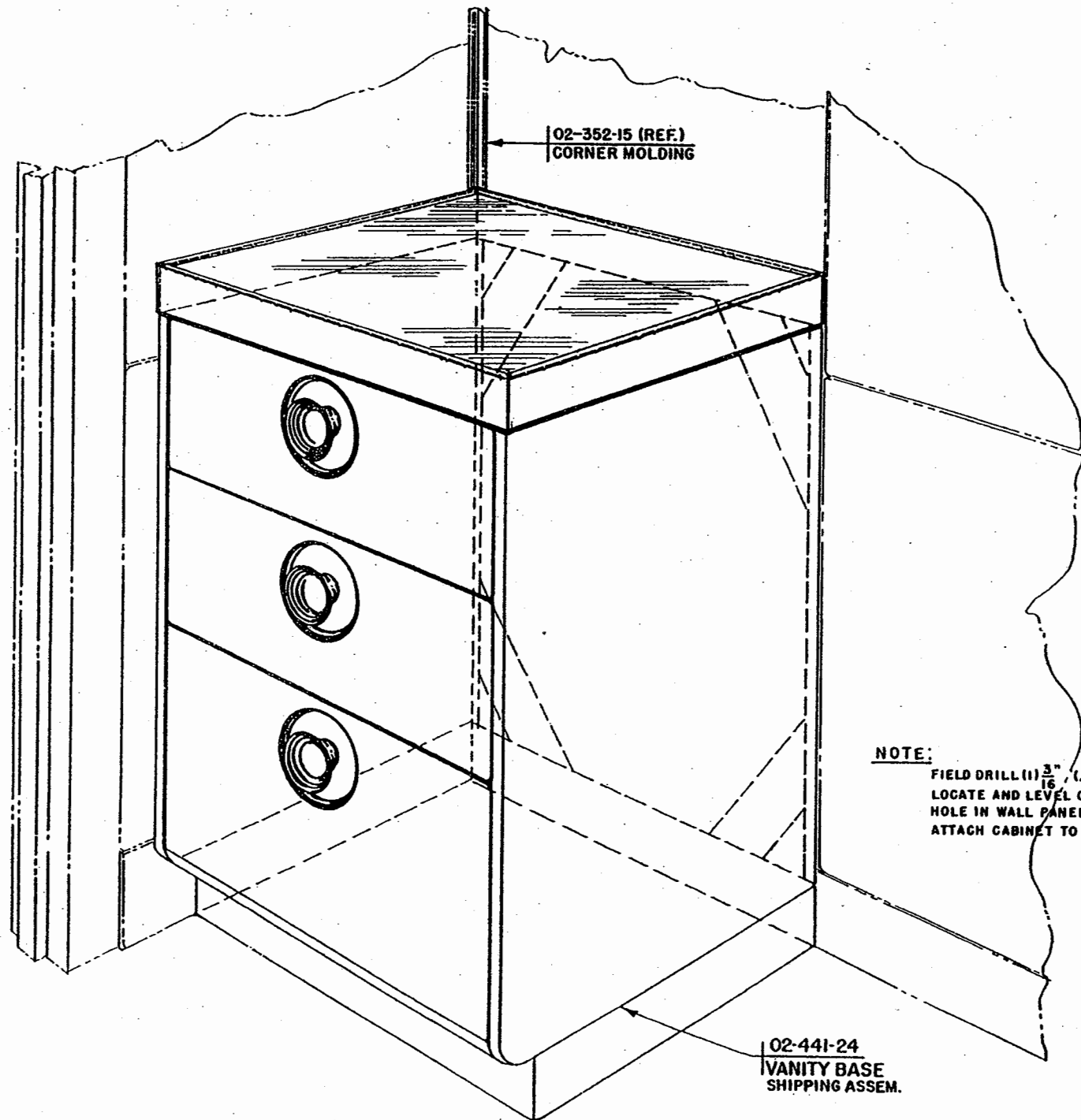
DETAIL "B"



DETAIL "C"



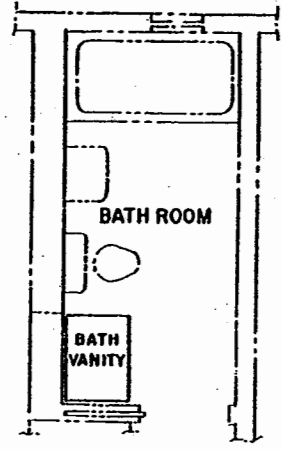
ERECTION		MANUAL	
INSTALLATION-SMALL VANITIES SHELF & MIRROR DETAILS-ASSEM. NO 5			
PREPARED BY R. L. S.	DATE 6-10-49	EFF.	1001 & SUB.
			DRAWING NUMBER EM-02-S-63.1



02-352-15 (REF.)  
CORNER MOLDING

02-441-24  
VANITY BASE  
SHIPPING ASSEM.

REAR OF HOUSE



LOCATION OF BATH VANITY

**NOTE:**  
FIELD DRILL (1)  $\frac{3}{16}$ " (.187) HOLE IN EACH GUSSET.  
LOCATE AND LEVEL CABINET. DRILL #11 (120)  
HOLE IN WALL PANEL THRU HOLE IN GUSSET.  
ATTACH CABINET TO WALL USING LS2(4-108 SCREWS, (4).



ERECTION		MANUAL
TITLE BATHROOM VANITY BASE SHIPPING ASSEMBLY		
PREPARED BY W. C. G.	DATE 5-9-49	EFF. 561 & SUB.
		DRAWING NUMBER EM-02-T-50.1

02-461-120  
LARGE CABINET

02-461-119  
SMALL CABINET

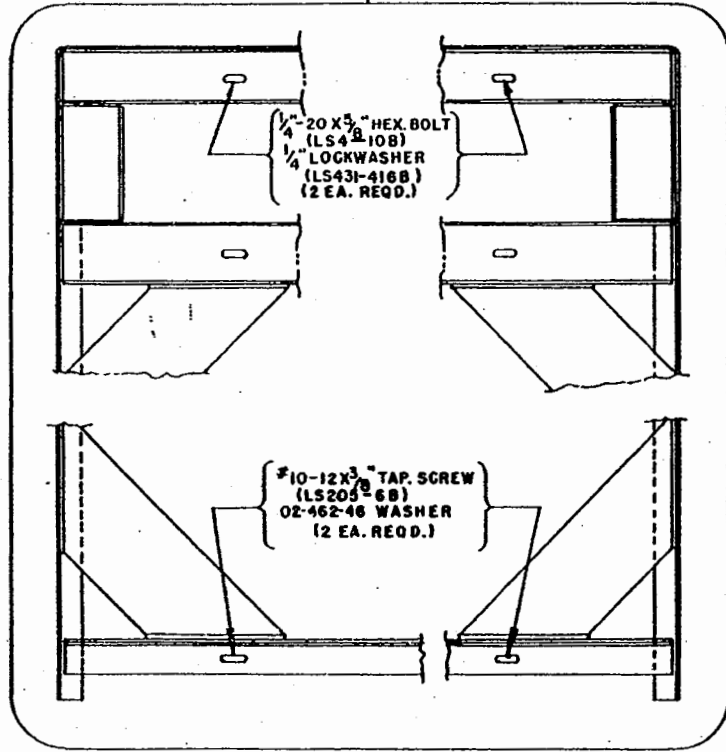
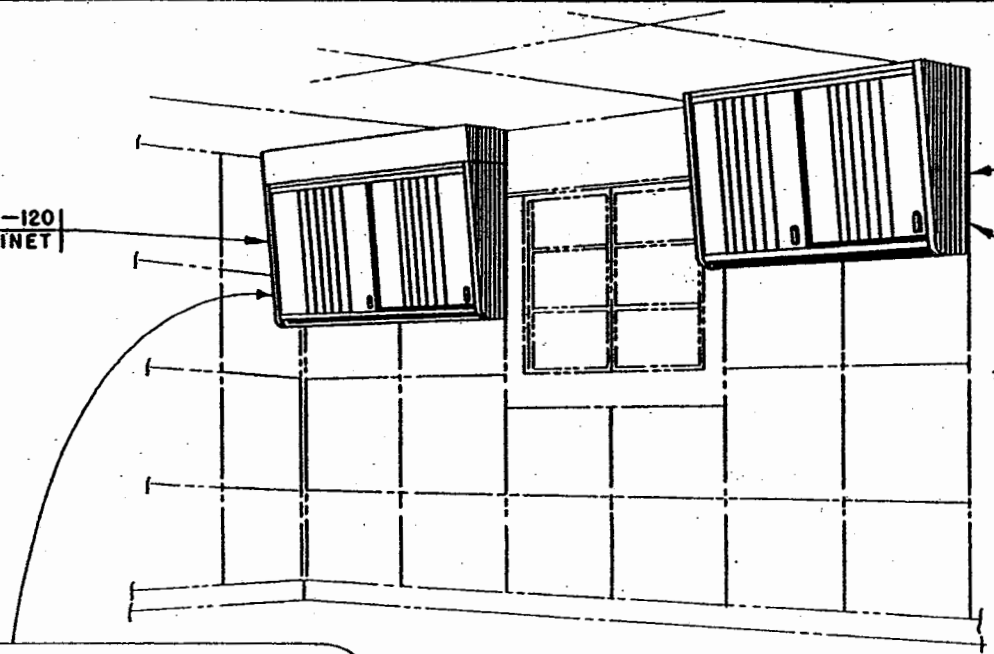


DIAGRAM OF LARGE CABINET FASTENING TO KITCHEN WALL

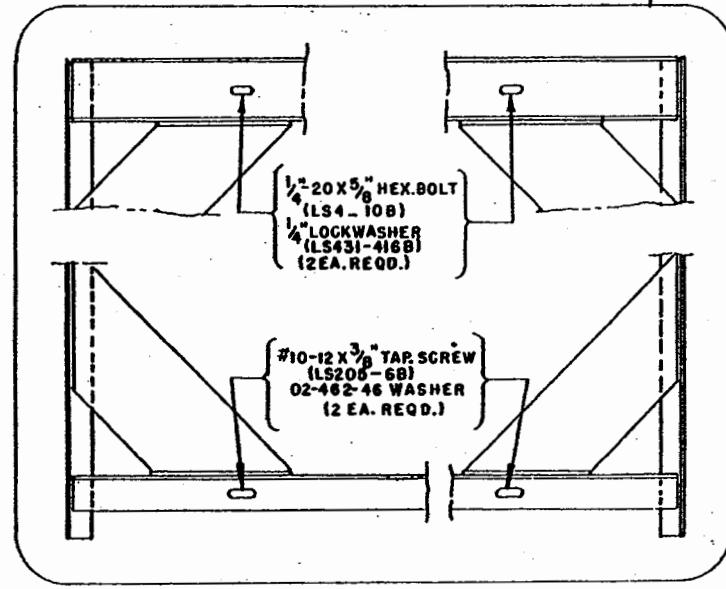
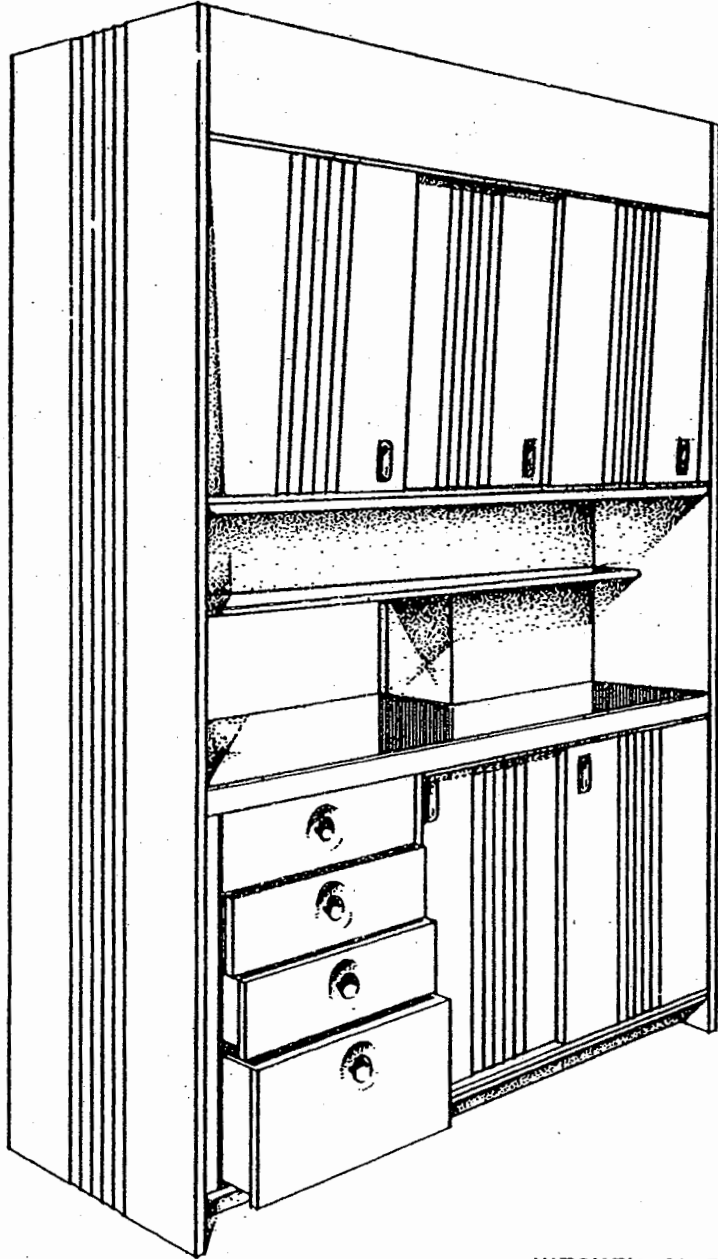


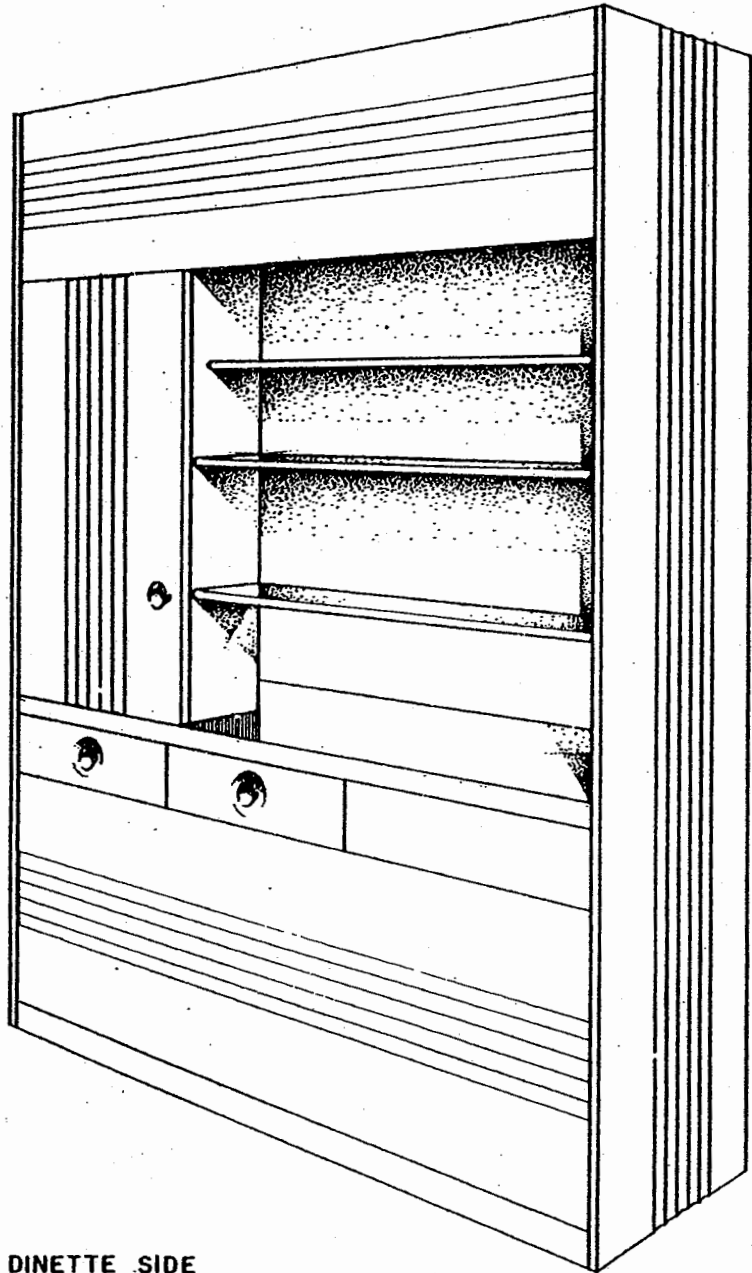
DIAGRAM OF SMALL CABINET FASTENING TO KITCHEN WALL



ERECTION		MANUAL	
TITLE INSTALLATION-LARGE AND SMALL KITCHEN WALL CABINETS			
PREPARED BY	DATE	EFF.	561 & SUB.
W. C. G.	5-13-49	DRAWING NUMBER	
		EM-02-U-90.1	



KITCHEN SIDE



DINETTE SIDE

NOTE:

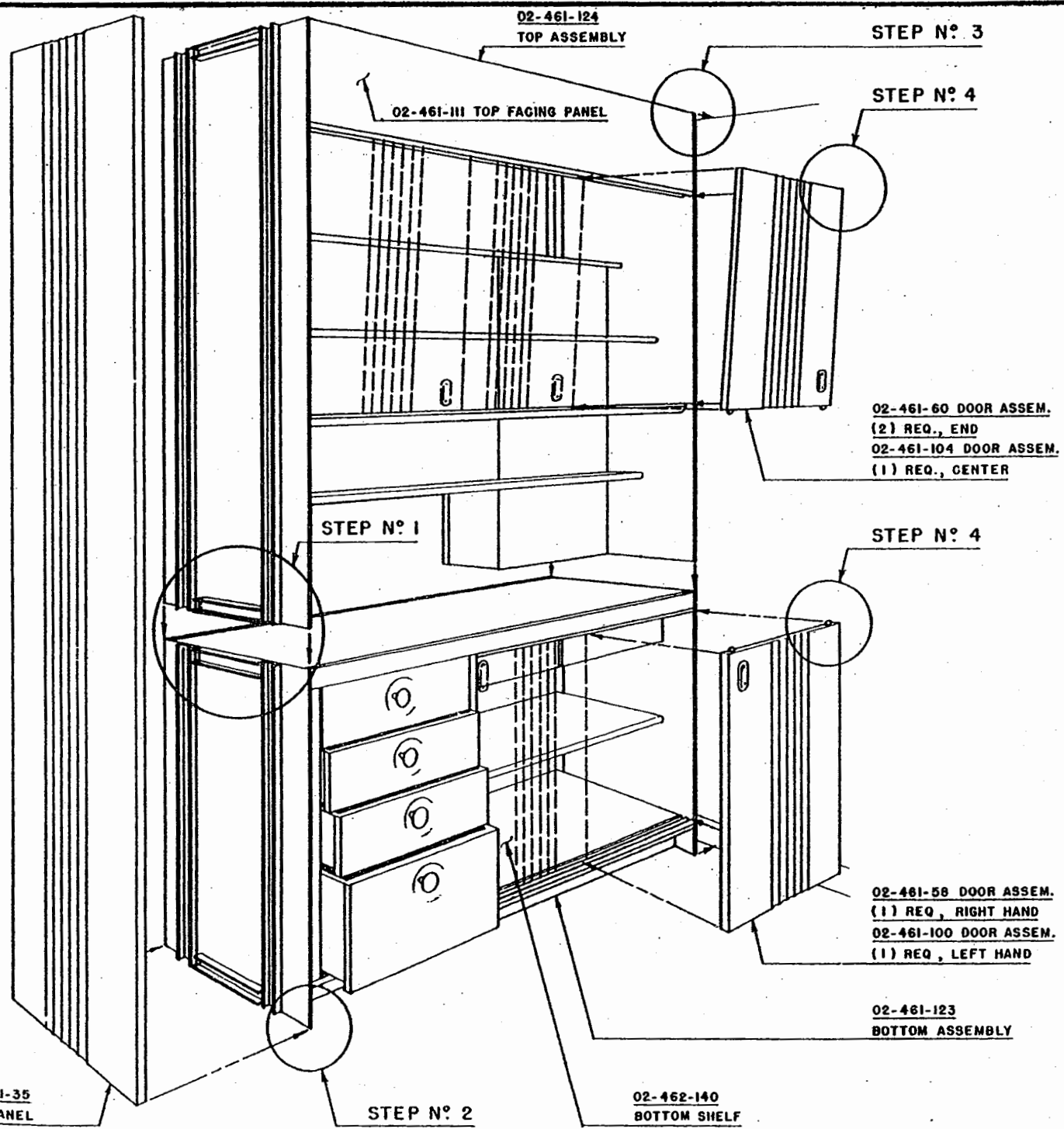
FOR ASSEMBLY AND INSTALLATION, SEE  
PAGE NO. EM-02-V-20.1

FOR ASSEMBLY AND INSTALLATION DETAILS  
SEE PAGE NO. EM-02-V-30.1



ERECTION	MANUAL	
TITLE	KITCHEN-DINETTE CABINET FINAL INSTALLATION	
PREPARED BY J B R	DATE 5-24-49	EFF 561 & SUBS. DRAWING NUMBER EM-02-V-10.1





### STEP N° 1

ASSEMBLE TOP ASSEM. TO BOTTOM ASSEM. AND FASTEN AT EACH END WITH  
 (4) 1/4-20 X 5/8" HEX HEAD BOLT (LS4-10B)  
 (4) 1/4 MEDIUM SPRING LOCKWASHER (LS431-416B)  
 (4) 1/4-20 HEX NUT (LS403-4B)  
 TIGHTEN BOLTS TO FINGER TIGHTNESS ONLY UNTIL ENTIRE UNIT IS ALIGNED AND LEVEL.  
 SEE DETAIL "A" PAGE EM-02-V-30.1.

### STEP N° 2

TO INSTALL END PANEL, INSERT  
 (18) 02-452-124 SPRING CLIP  
 INTO SLOTS IN TOP ASSEM. END PANEL. SNAP FINISH PANEL INTO POSITION OVER CLIPS. THEN SECURE WITH  
 (23) 8-15 X 3/8" TAPPING SCREW (LS204-6B)  
 BEFORE FINISH PANEL IS INSTALLED, REMOVE AND DISCARD BOLTS WHICH HOLD TOP FACING PANEL TO 461-37 (DINETTE SIDE) AND 02-461-III (KITCHEN SIDE) TO END PANEL. REPLACE WITH TAPPING SCREWS WHEN FINISH PANEL IS INSTALLED.  
 SEE DETAIL "B" PAGE EM-02-V-30.1.

### STEP N° 3

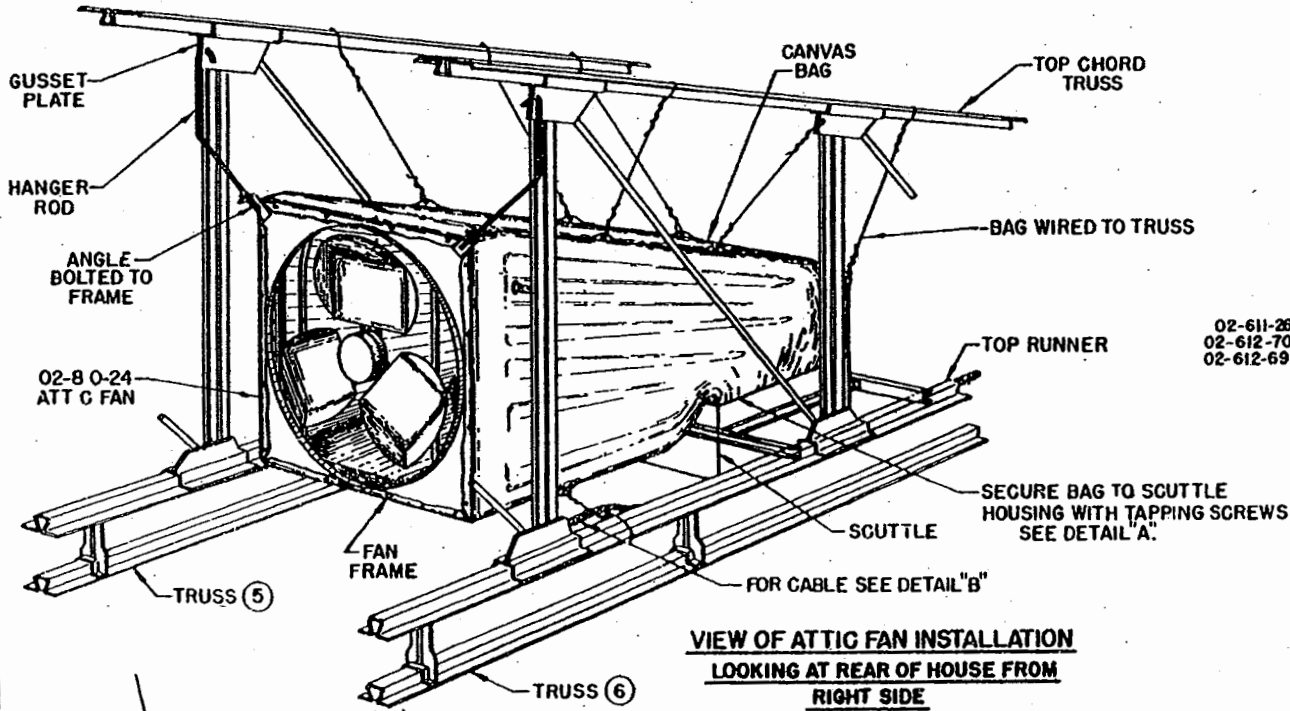
POSITION CABINET AND REMOVE LOWER SHELF ON KITCHEN SIDE (02-462-140). SECURE CABINET TO WALL STRUCTURE AT TOP AND BOTTOM, USING  
 (4) 1/4-20 X 1-3/4" HE+ HEAD BOLT (LS4-28B)  
 (4) 1/4 FLAT WASHER, LARGE (LS435-416B)  
 INSTALL 02-462-140 SHELF, USING  
 (8) 8-15 X 3/8" TAPPING SCREW (LS204-6B)  
 SEE DETAIL "C" PAGE EM-02-V-30.1.

### STEP N° 4

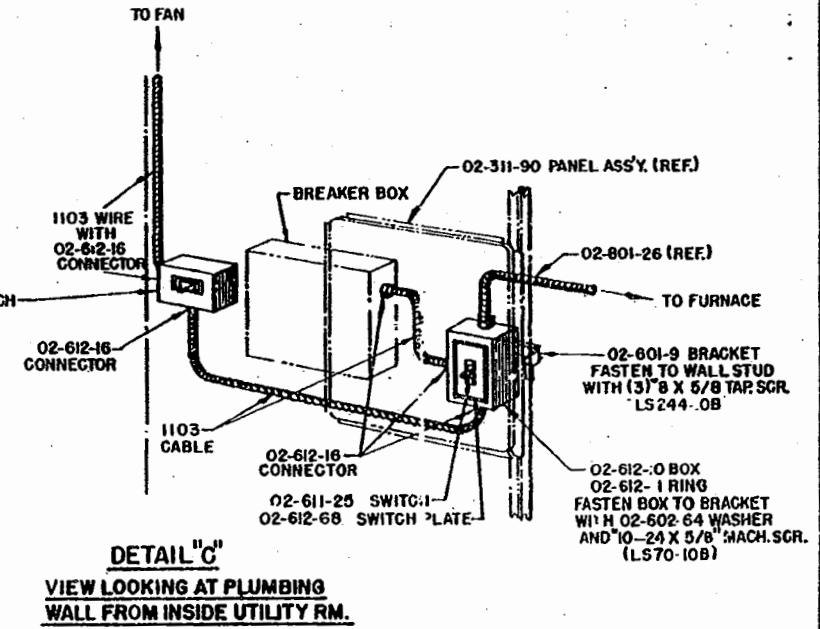
THE FOLLOWING INSTALLATION PROCEDURE IS TYPICAL FOR EACH OF (5) SLIDING DOORS.  
 ATTACH (1) 02-462-164 SLIDER TO EACH UPPER, INSIDE CORNER OF DOOR, USING  
 (2) 10 X 8/8" TAPPING SCREW (LS205-10B)  
 PER SLIDER, AS SHOWN  
 INSTALL DOOR IN CABINET. ADJUST SLIDER VERTICALLY, AND TIGHTEN SCREWS.  
 SEE DETAIL "D" PAGE EM-02-V-30.1.

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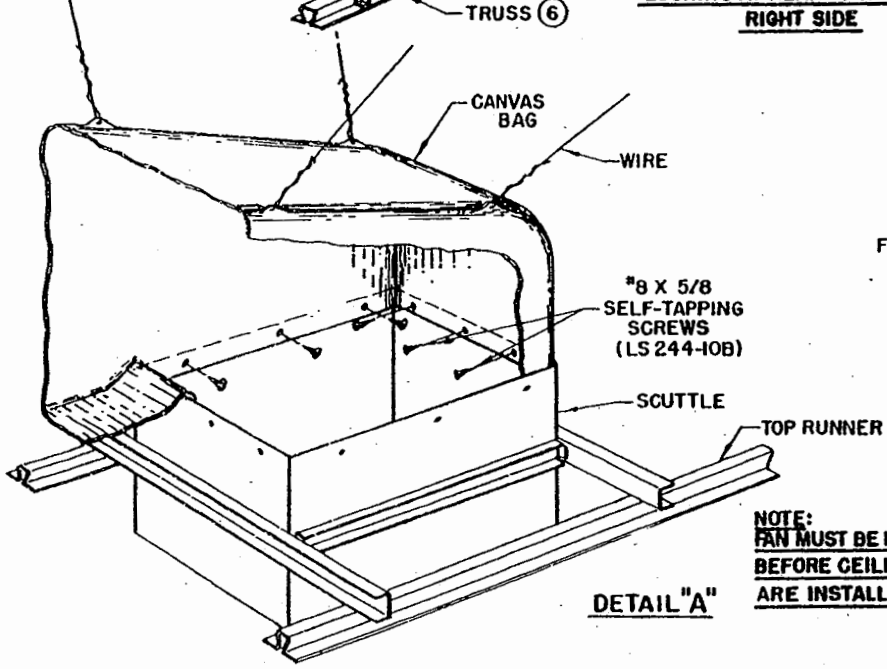
ERECTION	MANUAL	
TITLE	KITCHEN-DINETTE CABINET ASSEMBLY & INSTALLATION	
PREPARED BY JBR	DATE 5-24-49	EFF. 561 & SUBS.
		DRAWING NUMBER EM-02-V-20.1



**VIEW OF ATTIC FAN INSTALLATION  
LOOKING AT REAR OF HOUSE FROM  
RIGHT SIDE**

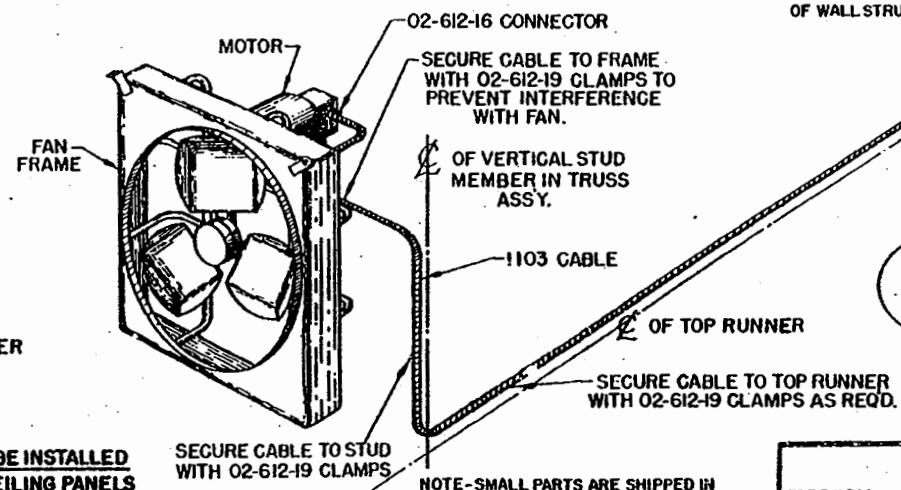


**DETAIL 'C'  
VIEW LOOKING AT PLUMBING  
WALL FROM INSIDE UTILITY RM.**



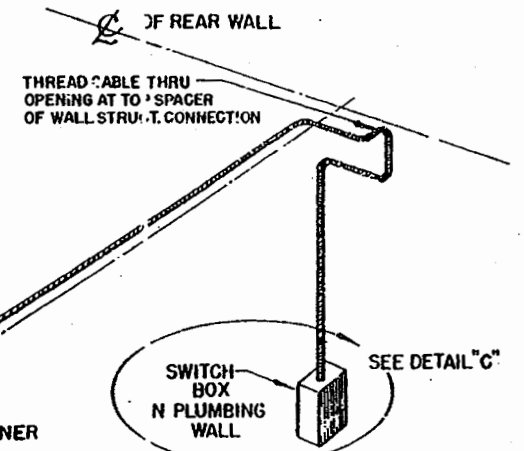
**DETAIL 'A'**

**NOTE:  
FAN MUST BE INSTALLED  
BEFORE CEILING PANELS  
ARE INSTALLED.**



**DETAIL 'B'**

**NOTE- SMALL PARTS ARE SHIPPED IN  
02-801-178 PACKAGE ASS'Y FAN,  
CABLE, PANEL & 02-801-178 PKG.  
ASSY. ARE SHIPPED AS 02-801-179  
ATTIC VENTILATING FAN KIT.  
FAN KIT IS AN ACCESSORY ITEM**



ERECTION		MANUAL	
TITLE		INSTALLATION ATTIC FAN	
PREPARED BY L.K.M.B.M.S.	DATE 5-25-49	EFF. ACCESSORY ITEM	
		DRAWING NUMBER EM-02-Y-10.1	

### ASPHALT TILE FLOORING INSTRUCTIONS FOR INSTALLATION

- 1 - INSTALL FLOOR TILE AFTER OTHER TRADES HAVE COMPLETED THEIR WORK.
- 2 - CLEAN FLOORS THOROUGHLY.
- 3 - CHALK LINE ROOM BOTH WAYS AS SHOWN IN FIGS. 1 & 2.
- 4 - TROWEL NO 1000 FLOOR TILE CEMENT OVER LINES AND ALLOW TO DRY FOR ONE-HALF HOUR. (SEE FIG. 3.) RE-SNAP LINES ON TOP OF ADHESIVE TO BE USED AS WORKING LINES. SPREAD CEMENT OVER ONE HALF OF ROOM (SEE FIG. 4), AND ALLOW ADHESIVE TO DRY UNTIL IT BECOMES TACKY. APPLY ADHESIVE WITH NOTCHED SPREADER (FIG. 5). BEAR DOWN HARD SO THAT ONLY THE ADHESIVE Oozing THROUGH NOTCHES REMAINS ON FLOOR. DO NOT USE STRAIGHT-EDGED TROWEL.
- 5 - ONE GAL. OF ADHESIVE WILL COVER APPROX. 125 SQ. FT.
- 6 - START LAYING TILE FROM THE CENTER-LINE INTERSECTION (FIG. 4) AND CONTINUE TO LAY TILE IN A SEMI-CIRCLE, WORKING ON TOP WHEN SUFFICIENT TILE IS LAID.
- 7 - TO CUT, IF TILE-CUTTER IS NOT AVAILABLE, WARM TILE AND CUT WITH SHARP LINOLEUM KNIFE. BLOW-TORCH OR OTHER MEANS OF HEAT MAY BE USED. DO NOT OVER-HEAT.

### INSTRUCTIONS FOR INSTALLING BASE COVE

- 1 - INSTALL AFTER FLOOR TILE HAS BEEN LAID.
- 2 - ASPHALT BASE COVE CAN BE BENT AROUND CORNERS BY HEATING UNTIL PLIABLE IF IT BECOMES BUBBLERED, ROLL OUT BUBBLERS WITH A ROLLER DIPPED IN COLD WATER.
- 3 - SPREAD NO 1005 BASE COVE CEMENT WITH NOTCHED SPREADER SPREAD ON PORCELAIN PANELS IF GREATER ADHERENCE IS NECESSARY

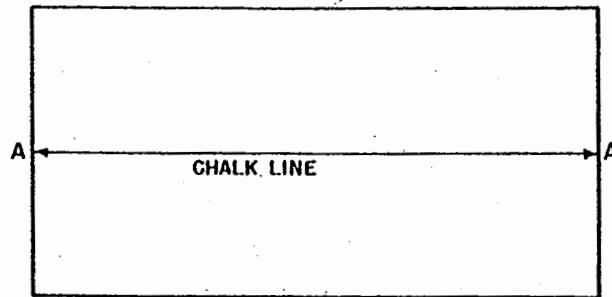


FIG. 1

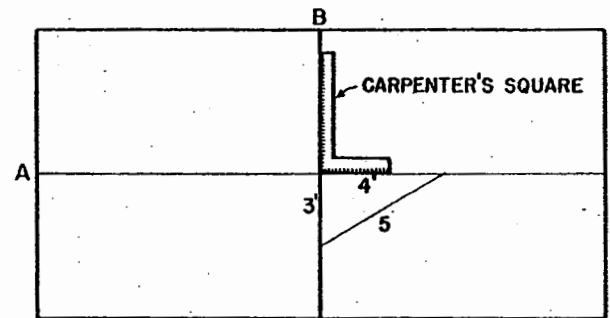


FIG. 2

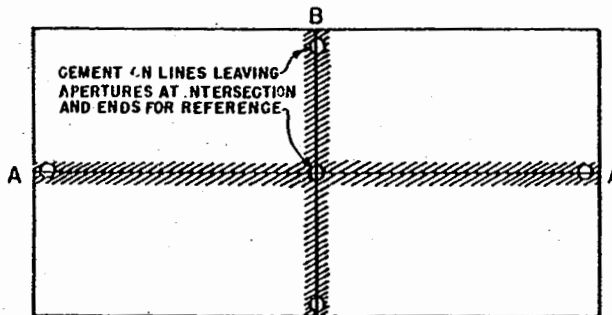


FIG. 3

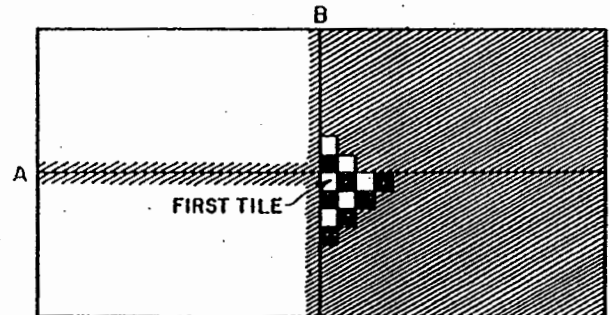


FIG. 4

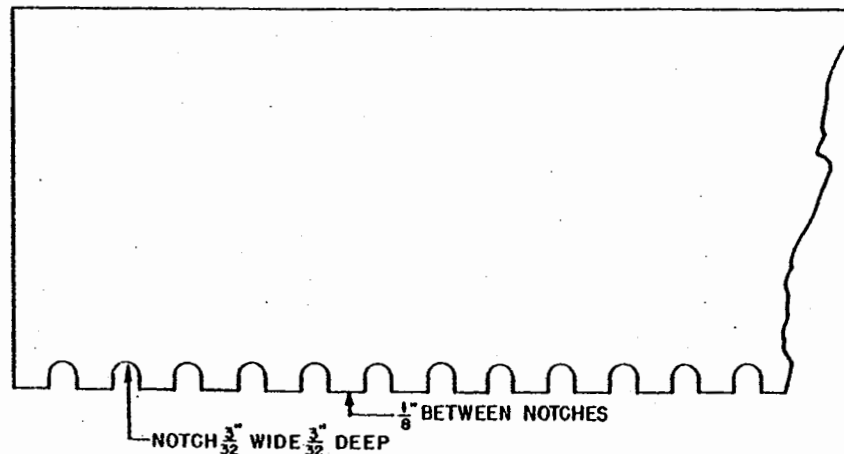


FIG. 5

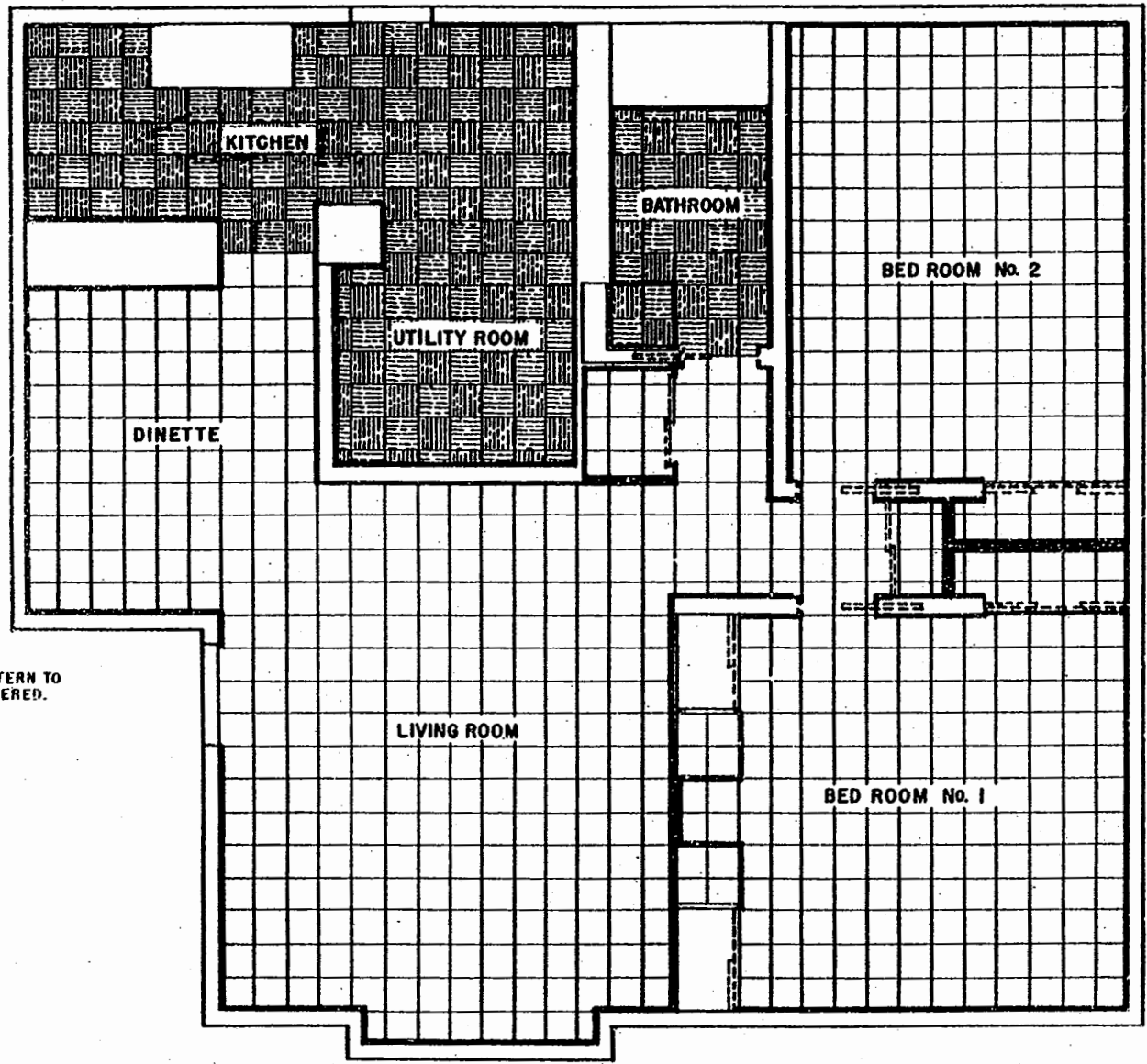
### TOOLS NEEDED

- LINOLEUM KNIFE
- PUTTY KNIFE
- BLOW-TORCH, 1 QT. CAP.
- CHALK & CHALK LINE
- HAND ROLLER
- ADHESIVE SPREADER
- 6 FT. RULE
- 2 FT. CARPENTER'S SQ.

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ERECTION		MANUAL	
TITLE INSTALLATION- ASPHALT TILE FLOOR AND BASE COVE			
PREPARED BY W.G.G.	DATE 9-22-48	EFF. 11 & SUB.	
		DRAWING NUMBER EM-02-Z-10.1	

REL. NO. NP-329	DATE 1-20-49
NP-672	5-26-49



NOTE: TILE PATTERN TO BE STAGGERED.

**LEGEND**

 - GRAY TILE  
 - BROWN TILE  
 - BASE MOLDING

**DIRECTIONS FOR LAYING TILE:**

1. ASPHALT TILE MUST BE LAID OVER SMOOTH FLOORS FREE FROM OILS, GREASE, LUMPS OR FOREIGN MATTER.
2. ASPHALT TILE SHOULD BE STORED IN A PLACE AT 70° TEMP. AT LEAST 24 HRS. BEFORE USING. ROOM TEMP. SHOULD BE 70° OR HIGHER DURING INSTALLATION AND FOR SEVERAL DAYS FOLLOWING.
3. ASPHALT TILE MUST NOT BE LAID ON "GREEN" CONCRETE. TEST FOR MOISTURE BY PLACING ONE TILE FACE DOWN WITH EDGES SEALED IN ADHESIVE. IF MOISTURE APPEARS WITHIN 24 HRS. TILE SHOULD NOT BE LAID.
4. HANDLE WITH CARE TO AVOID BREAKAGE.
5. DO NOT USE GASOLINE, TURPENTINE, BENZINE, OIL, GASOLINE OR OTHER MINERAL SPIRITS SOLVENT ON ASPHALT TILE.
6. IN THE EVENT THE STEEL TROWEL SLAB IS NOT SMOOTH, SKIM COAT OF PATCHING MATERIAL WILL BE NECESSARY - OR SURFACE GRIND HIGH SPOTS.

**MATERIALS USED**

QUAN.	DESCRIPTION	PART NUMBER	SIZE
197	GRAY TILE	02-112-3	12X12X $\frac{1}{2}$ "
708	BROWN TILE	02-112-5	12X12X $\frac{1}{2}$ "
146	BLACK ASPHALT BASE MOLDING	02-112-7	4X24"
SEE NOTE	BASE-MOLDING CEMENT $\odot$	1005	
	FLOOR TILE CEMENT $\bullet$	100C	

NOTE: ESTIMATED QUANTITY OF CEMENT NEEDED PER HOUSE.  
 $\odot$  ESTIMATED KEN BASE ADHESIVE 2 GAL.  $\text{\textcircled{R}}$

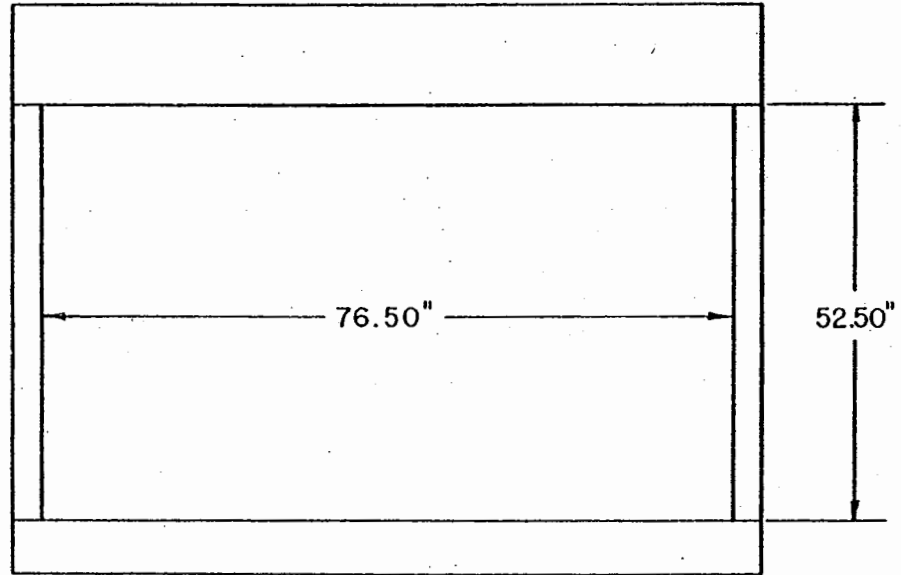
\* GF-8 TILE-TEX 5 GAL. PER HOUSE  
 KENTILE ADHESIVE 8 GAL. PER HOUSE



ERECTION		MANUAL	
TITLE ASPHALT TILE LAYOUT			
PREPARED BY W.C.O.	DATE 9-17-1948	EFF. 511 & SUB. $\text{\textcircled{R}}$	
REVISED G.E.	(H) 5-26-49	DRAWING NUMBER EM-02-Z-20.1	

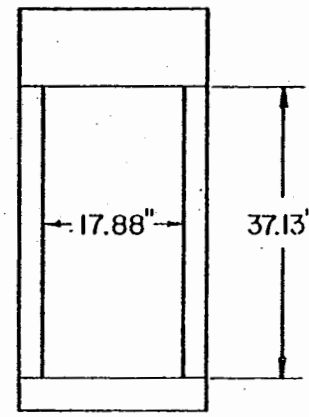
RELEASE NO.	DATE
NP-330	1-21-49
NP-672	5-26-49

BAY & LARGE



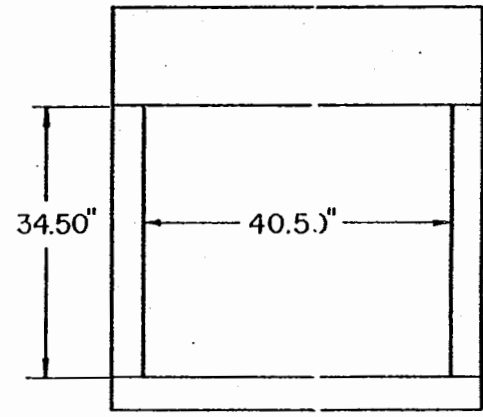
TYPICAL DIMENSIONS FOR ALL  
LARGE WINDOWS & BAY WINDOW.

BATHROOM



TYPICAL DIMENSIONS  
FOR BATHROOM WINDOW.

KITCHEN



TYPICAL DIMENSIONS  
FOR KITCHEN WINDOW.

**NOTE:**

ALL DIMENSIONS GIVEN ABOVE ARE  
INSIDE FACE DIMENSIONS OF HEAD,  
JAMB, & SILL PANELS.

SMALL WINDOWS IN BEDROOMS ARE  
SAME SIZE AS KITCHEN WINDOWS  
AFTER HOUSE NO. 425. ®

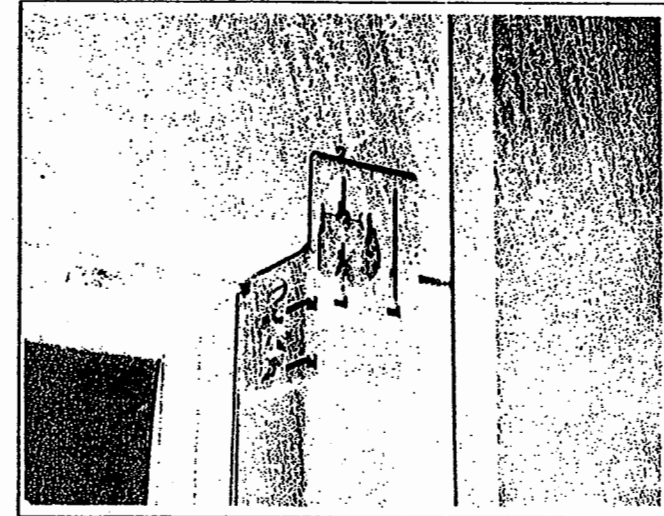


ERECTION	MANUAL	
TITLE	DIMENSIONS FOR VENETIAN BLIND INSTALLATION.	
PREPARED BY RHG	DATE 11-18-48	EFF. 31 & SUB.
REVISED G.E. ®	5-26-49	DRAWING NUMBER EM-02-Z-30.1



**STEP NO.1**

**INSERT CRIMP NUT 02-602-48 INTO HOLE AT TOP OF WINDOW JAMB PANELS.**



**COMPLETED INSTALLATION**



**STEP NO.2**

**POSITION BRACKET ASSEMBLY 02-451-27L AND 02-451-27R. SECURE WITH (1) LS90-12C (NO.10-24 X 3/4) FLAT HEAD MACHINE SCREW.**



ERECTION		MANUAL	
TITLE SERVICE BULLETIN-INSTALLATION OF VENETIAN BLIND HANGAR BRACKET.			
PREPARED BY MWC	DATE 3-9-49	EFF.	31 & SUB
		DRAWING NUMBER EM-02-Z-30.11	

