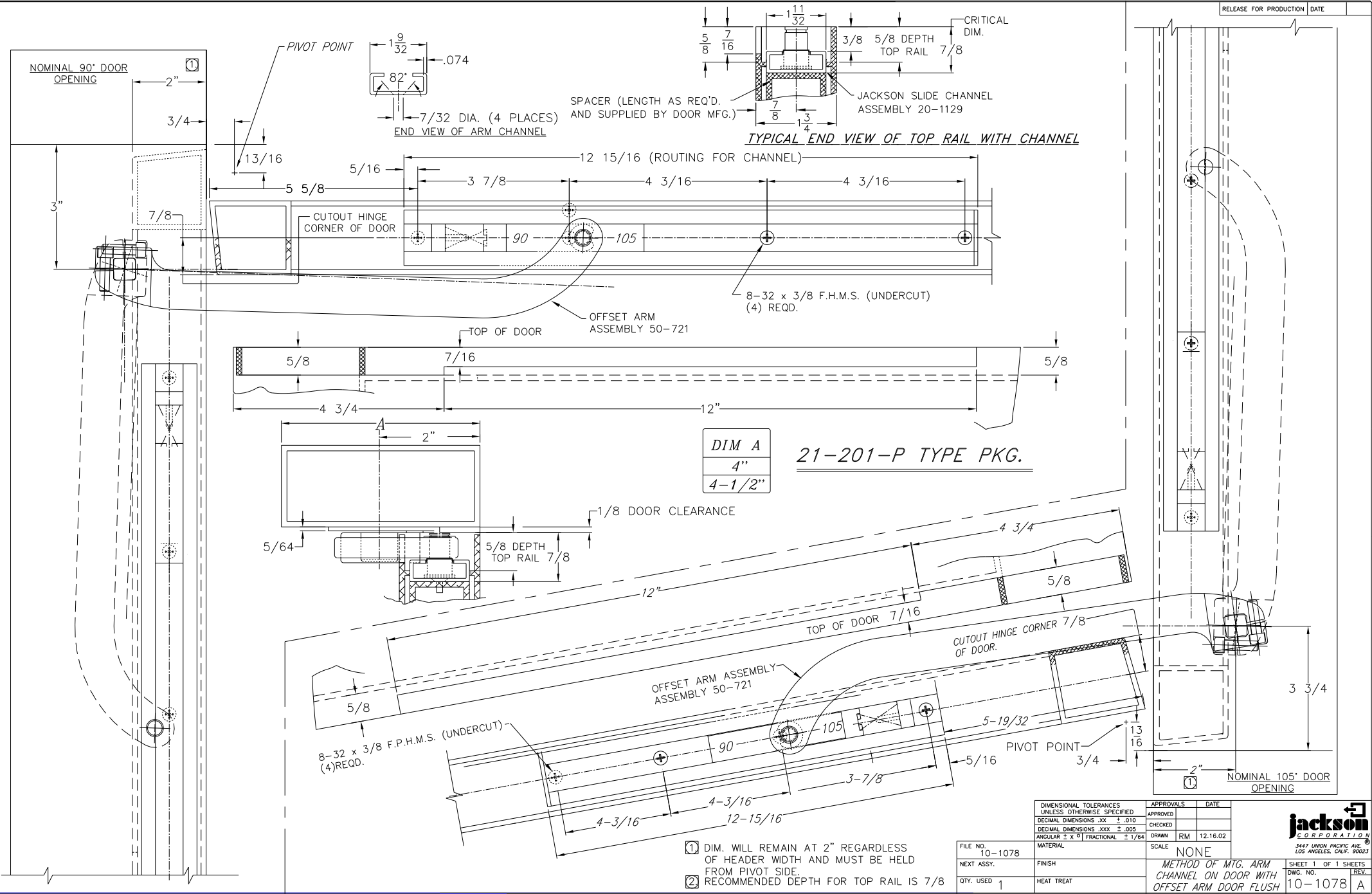




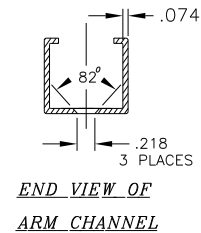
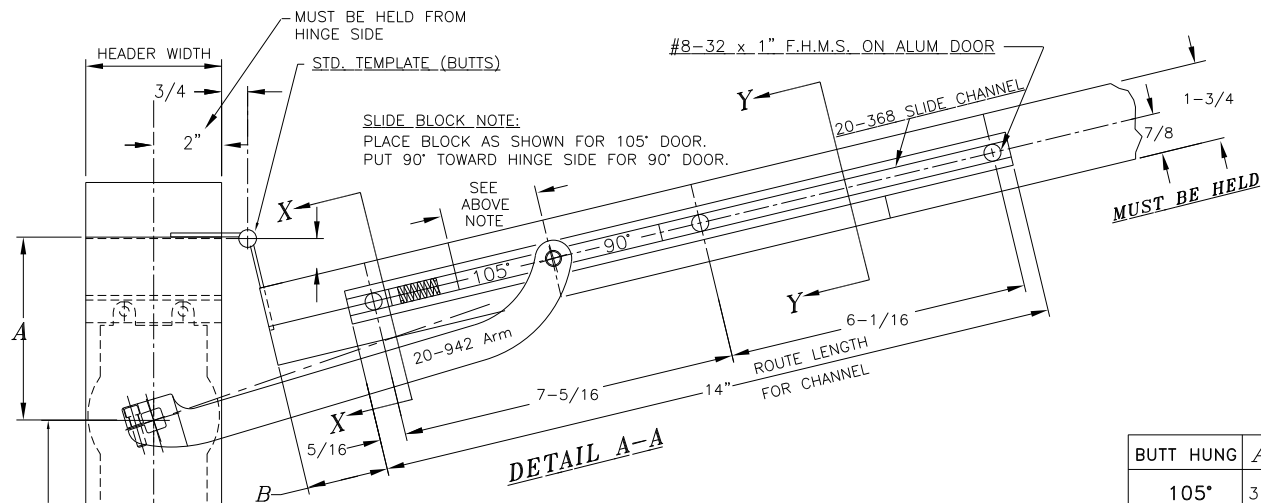
- ① DIM. WILL REMAIN AT 2" REGARDLESS OF HEADER WIDTH AND MUST BE HELD FROM PIVOT SIDE.
- ② RECOMMENDED DEPTH FOR TOP RAIL IS 7/8"

DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED	
DECIMAL DIMENSIONS .XX	± .010
DECIMAL DIMENSIONS .XXX	± .005
ANGULAR ± X °	FRACTIONAL ± 1/64

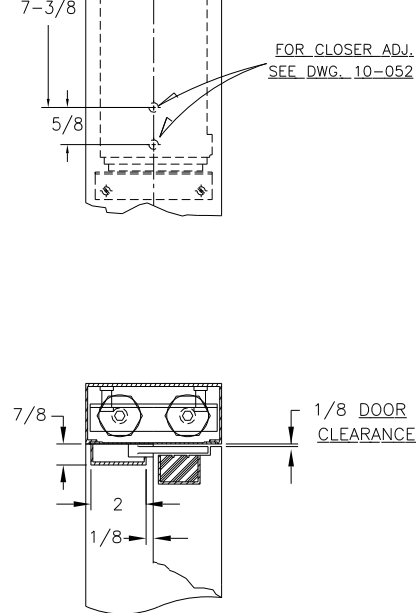
APPROVALS		DATE
APPROVED		
CHECKED		
DRAWN	RM	12.16.02

FILE NO.	10-1078
NEXT ASSY.	FINISH
QTY. USED	1
	HEAT TREAT

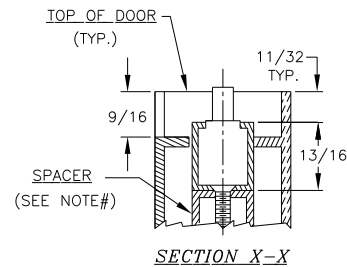
METHOD OF MFG. ARM CHANNEL ON DOOR WITH OFFSET ARM DOOR FLUSH



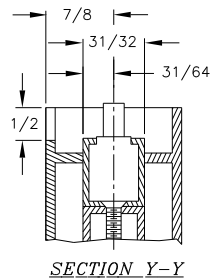
END VIEW OF
ARM CHANNEL



END VIEW - DOOR CLOSED

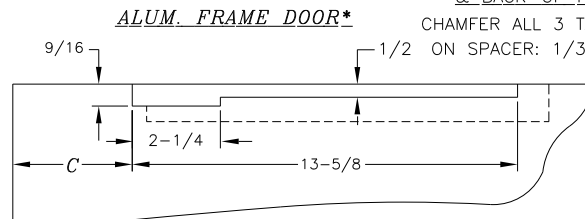


SECTION X-X



SECTION Y-Y

NOTE:
DOOR MFG. TO SUPPLY
APPROPRIATE SPACER
& BACK-UP PLATES
CHAMFER ALL 3 TAP HOLES
ON SPACER: 1/32 x 45°



DETAIL B-B

BUTT HUNG	A	B	C
105°	3 3/4	4 13/16	2 5/8
90°	2 7/8	4 3/4	1 3/4

JED-201-U TYPE SERIES BUTT HINGES

I HEADER PREPARATION

- DIM A MUST BE MAINTAINED FROM JAMB TO CENTER LINE OF SPINDLE.
- 'F' MUST BE MAINTAINED FROM PIVOT SIDE OF HEADER TO C OF SPINDLE REGARDLESS OF HEADER WIDTH
- FOR MORE DETAILS REFER TO TEMPLATE# 10-137

II DOOR PREPARATION (BUTT HINGE)

- ROUTE TOP OF DOOR FOR SLIDE CHANNEL INSTALLATION. (DETAIL A-A). ON ALUM DOORS, SPACERS MAY BE NEEDED TO MAINTAIN REQ. 11/32" DIM. SEE X-X
- ROUTING IS NEEDED ON STOP SIDE OF DOOR FOR ARM CLEARANCE. SEE B-B
- PREPARE DOOR FOR BUTTS AS NORMAL

III DOOR INSTALLATION

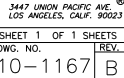
- SET ON PIVOTS, ADJUST FOR CLEARANCES.

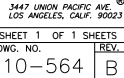
IV COMPLETE INSTALLATION

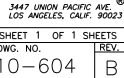
- MOUNT ARM ON SPINDLE AND SECURE WITH 1/4-20 x 7/8" SOC. HD. CAP SCREW PROVIDED.
- OPEN DOOR AND ACTUATE ARM INTO OPEN POS., SLIP ARM OVER SLIDE PIN AND SECURE WITH PIN RETAINER.
- ADJUST CLOSER TO DESIRED DOOR SPEED. INSTALL ARM COVER WITH SCREWS PROVIDED.

DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED DECIMAL DIMENSIONS .XX ± .010 DECIMAL DIMENSIONS .XXX ± .005 ANGULAR ± ° FRACTIONAL ± 1/64	APPROVALS		DATE
	APPROVED		
	CHECKED		
	DRAWN	RM	5.9.04
FILE NO. 10-1161	MATERIAL		SCALE NONE
NEXT ASSY. 21-201-U-KITS	FINISH		-INSTALLATION GUIDE- 20-330 CLOSER WITH 20-3072 PKG ON ALUM HEADER WITH ALUM DOOR ON BUTT HINGE
QTY. USED 1	HEAT TREAT		SHEET 1 OF 1 SHEETS DWG. NO. 10-1161 REV. A

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NOMINAL 90° DOOR
OPENING

2"

7/8

BUTT POINT

1 9/32
82°
7/32 DIA. (4 PLACES)
END VIEW OF ARM CHANNEL

SPACER (LENGTH AS REQ'D.
AND SUPPLIED BY DOOR MFG.)

TYPICAL END VIEW OF TOP RAIL WITH CHANNEL

5/8 7/16 1 11/32 3/8 5/8 DEPTH TOP RAIL 7/8
CRITICAL DIM.
JACKSON SLIDE CHANNEL ASSEMBLY 20-1129

5-3/16 3-7/8 4-3/16 4-3/16 12-15/16 (ROUTING FOR CHANNEL)
CUTOUT HINGE CORNER OF DOOR 90 105
OFFSET ARM ASSEMBLY 20-1133
8-32 x 3/8 F.H.M.S. (UNDERCUT) (4) REQD.

TOP OF DOOR 5/8 7/16 5/8
4-3/4 12"

4 2" 1/8 DOOR CLEARANCE
5/64 5/8 DEPTH TOP RAIL 7/8
12"

21-201-P TYPE PKG.

4-3/16 5/8 7/16 7/8
TOP OF DOOR CUTOUT HINGE CORNER OF DOOR
5-3/16 9/16
BUTT POINT
8-32 x 3/8 F.P.H.M.S. (UNDERCUT) (4)REQD.
OFFSET ARM ASSEMBLY 20-1133
90 105
4-3/16 3-7/8 5/16 12-15/16
2-3/4
NOMINAL 105° DOOR OPENING

- ① DIM. WILL REMAIN AT 2" REGARDLESS OF HEADER WIDTH AND MUST BE HELD FROM PIVOT SIDE.
② RECOMMENDED DEPTH FOR TOP RAIL IS 7/8

DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED
DECIMAL DIMENSIONS .XX ± .010
DECIMAL DIMENSIONS .XXX ± .005
ANGULAR ± X ° FRACTIONAL ± 1/64

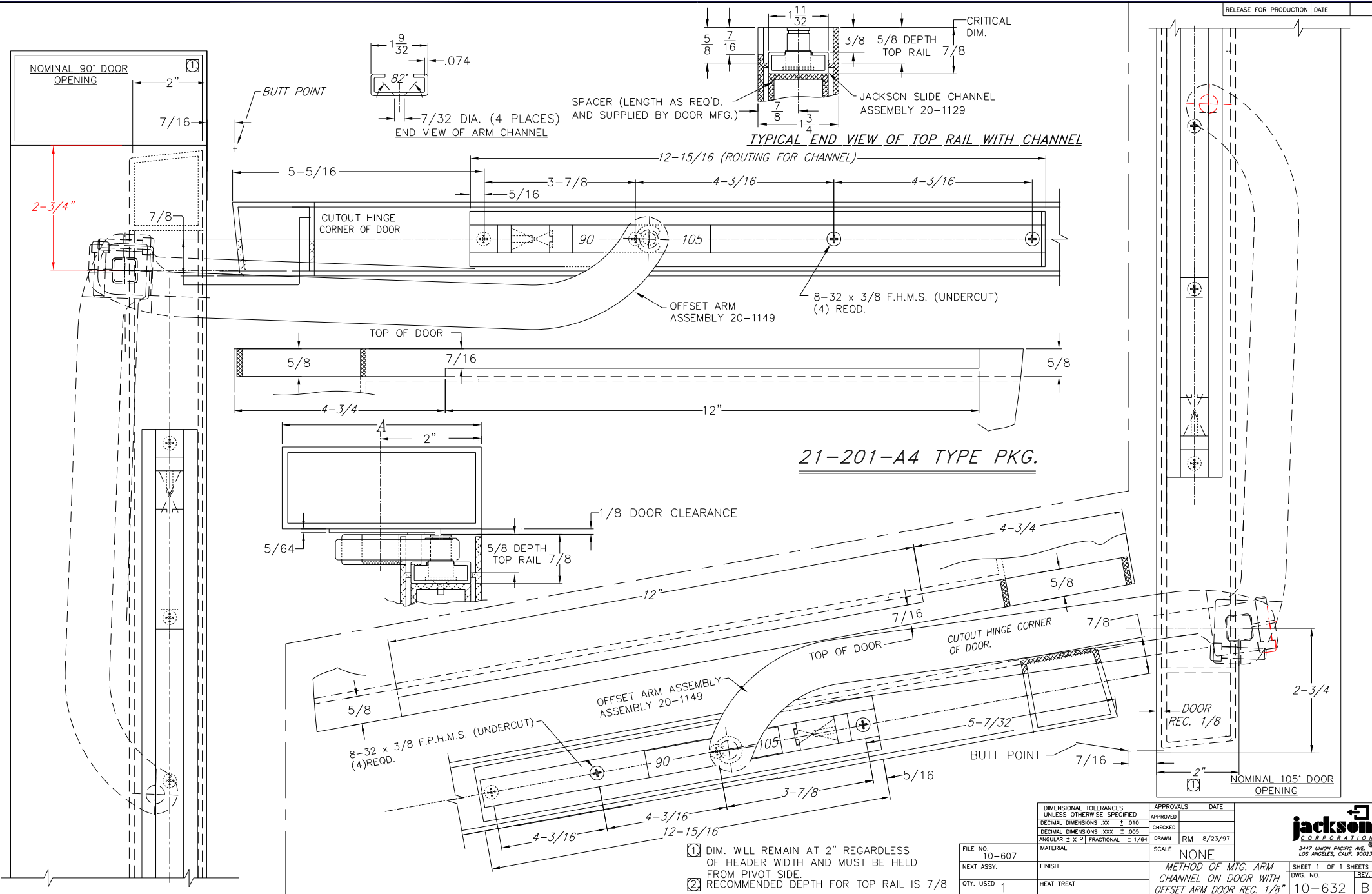
APPROVALS DATE
APPROVED
CHECKED RM 8/23/97
SCALE NONE

FILE NO. 10-607
NEXT ASSY.
QTY. USED 1

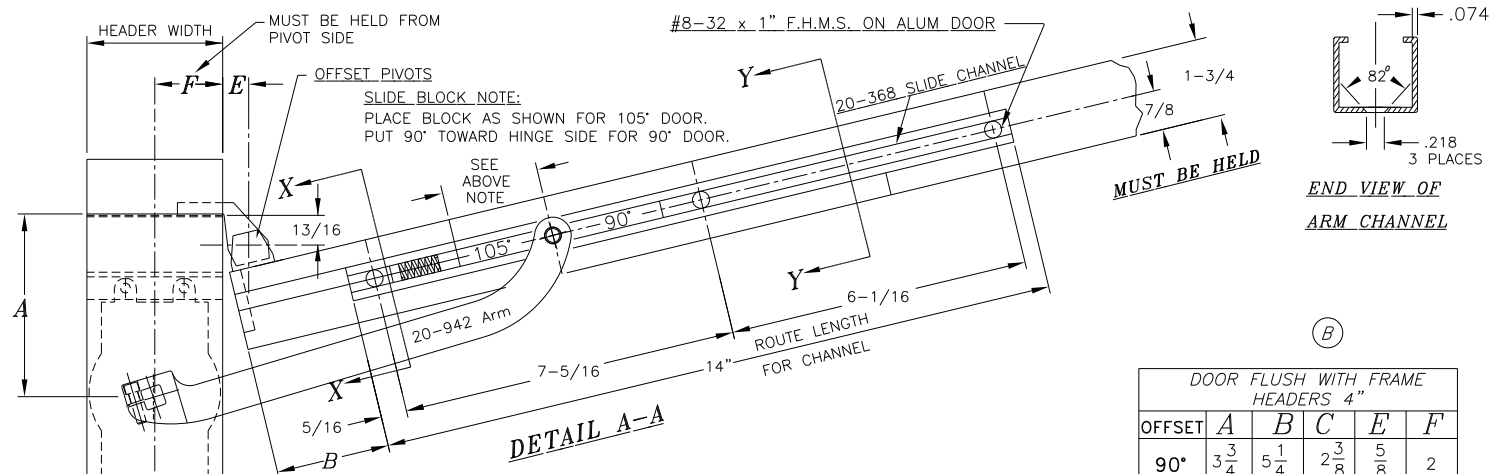
MATERIAL
FINISH
HEAT TREAT

METHOD OF MTG. ARM CHANNEL ON DOOR WITH OFFSET ARM DOOR REC. 3/32"
SHEET 1 OF 1 SHEETS
DWG. NO. 10-607
REV. B

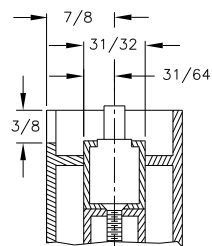
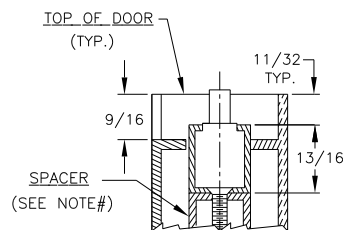
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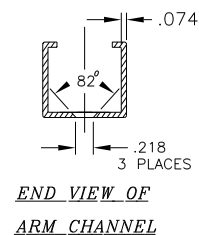
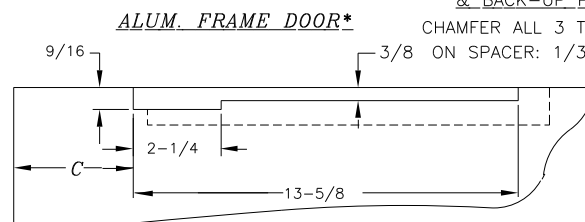
- ① DIM. WILL REMAIN AT 2" REGARDLESS OF HEADER WIDTH AND MUST BE HELD FROM PIVOT SIDE.
- ② RECOMMENDED DEPTH FOR TOP RAIL IS 7/8



FOR CLOSER ADJ.
SEE DWG. 10-052

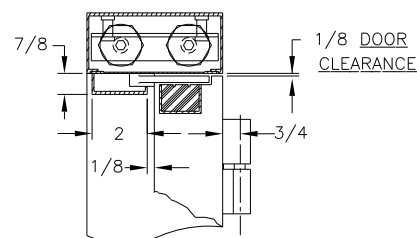


NOTE:
DOOR MFG. TO SUPPLY
APPROPRIATE SPACER
& BACK-UP PLATES
CHAMFER ALL 3 TAP HOLES
3/8" ON SPACER: 1/32 x 45°



DOOR FLUSH WITH FRAME HEADERS 4"					
OFFSET	A	B	C	E	F
90°	3 3/4	5 1/4	2 3/8	5/8	2
105°	4 1/2	5 1/4	3 3/8	5/8	2

DOOR RECESSED 1/8" HEADERS 4" OR OVER					
OFFSET	A	B	C	E	F
90°	3 3/4	5 1/4	2 3/8	5/8	2
105°	4 3/16	5 1/4	3 3/8	5/8	2



I HEADER PREPARATION

- DIM A MUST BE MAINTAINED FROM JAMB TO CENTER LINE OF SPINDLE.
- 'F' MUST BE MAINTAINED FROM PIVOT SIDE OF HEADER TO C OF SPINDLE REGARDLESS OF HEADER WIDTH
- FOR MORE DETAILS REFER TO TEMPLATE# 10-137

II PIVOT INSTALLATION

- REFER TO TEMPLATES REQUIRED.

III DOOR PREPARATION

- ROUTE TOP OF DOOR FOR SLIDE CHANNEL INSTALLATION. (DETAIL A-A). ON ALUM DOORS, SPACERS MAY BE NEEDED TO MAINTAIN REQ. 11/32" DIM. SEE X-X
- ROUTING IS NEEDED ON STOP SIDE OF DOOR FOR ARM CLEARANCE. SEE B-B

IV DOOR INSTALLATION

- SET ON PIVOTS, ADJUST FOR CLEARANCES.

V COMPLETE INSTALLATION

- MOUNT ARM ON SPINDLE AND SECURE WITH 1/4-20 x 7/8" SOC. HD. CAP SCREW PROVIDED.
- OPEN DOOR AND ACTUATE ARM INTO OPEN POS., SLIP ARM OVER SLIDE PIN AND SECURE WITH PIN RETAINER.
- ADJUST CLOSER TO DESIRED DOOR SPEED. INSTALL ARM COVER WITH SCREWS PROVIDED.

B 01/26/00	REVISE TABLE LOCATIONS	ECN1337	RM
DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED		APPROVALS	DATE
DECIMAL DIMENSIONS .XX ± .010		APPROVED	
DECIMAL DIMENSIONS .XXX ± .005		CHECKED	
ANGULAR ± ° FRACTIONAL ± 1/64		DRAWN	RM 6/7/97
FILE NO. 10-947		MATERIAL	SCALE NONE
NEXT ASSY. 21-201-KITS		FINISH	-INSTALLATION GUIDE- 20-330 CLOSER WITH 20-900 PKG ON ALUM HEADER WITH ALUM DOOR ON OFFSET PIVOTS
QTY. USED 1		HEAT TREAT	
SHEET 1 OF 1 SHEETS			REV.
DWG. NO. 10-947			B

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