						ALL DIMEN	SIONS ARE TO BE	GUARANTEED	CUSTOMER AP	PROVAL:		SHEET INDEX	
	NG NUMBER	53	44	140-	-B		GENERAL NO		T		NO:	DESCRIPTION	REV
	1		-			AUTOMATIC DOORS		AND REQUIRE LONG LEAD	DATE:		101	SHEET INDEX	
DOOR TYPE		Automatic Door	Threshold	Door Arm	Control Box	TIMES FOR MANUFA	CTURER.	-		ED AS SUBMITTED	102	SYMBOLS AND NOTES	
		Configuration	Height & Type			• FRAMING NUTES. CC	UST BE PLUMB, LEVEL &	ANTEE ALL DIMENSIONS. SQUARE.	APPROV	ED AS NOTED	103	INSTALLATION GUIDELINE	ES
2				RIXSON		• FINISHED FLOOR ML		N 1/4" FROM HIGHEST TO		& RESUBMIT	104	CBC PRESS PLATE GUIDELI	INES
ALL GLASS	OFFSET HUNG	PR/RHO	.25" RECESSED	#27	IN CASE	LOWEST POINT. • ELECTRICAL: 110VA	C & LOW VOLTAGE - CON	DUIT & WIRE PULL BY OTHERS.	C	USTOMER	201	PRODUCT SCHEDULE	
							METAL BY OTHERS - UNL TECTION OF INSTALLED	ESS SPECIFICALLY NOTED.			401	ELEVATION	
											501	SECTION VIEW	
							TO ARCHITECT, GO			-	601	FRONT AND PLAN VIEW (RI	HO)
	9	SUBMITTAI	L SECTION			 ALL DRAWINGS AN REDLINED AND RET 		UMED CORRECT UNLESS			701	DOOR ARM (DOOR PREPERA	ATION)
AUTOMATIO	C DOOR OPERATORS AI	ND ELECTRICAL CO	ORDINATION PROVID	DED. DOORS,		VERIFY ALL ROUGH	I/FINISHED OPENING DII				702	STANDARD THRESHOLD PREPE	ERATION
	HARDWARE ARE PROV						NCHOR POINT LOCATION	S & DIMENSIONS. RROUNDING CONDITIONS FOR	CO	NTRACTOR			
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SWING DOOR CODE / ANSI REQUI	RED DECALS ABBI	REVIATIONS	SYMBOLS	DOOR TYPE LEGEND	REVISION NOTES:	
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IN-GROUND INSTALLATION GUIDELINES:

1. PENETRATIONS: THE CEMENT CASE MUST ONLY BE PENETRATED TO INSTALL ELECTRIC POWER SERVICE AND LOW VOLTAGE SIGNAL WIRES. USE OF LIQUID TIGHT FITTINGS IS A CODE REQUIREMENT BY THE NATIONAL ELECTRIC CODE (NEC). ATTACHMENTS TO THE CEMENT CASE COVER ARE NEVER PERMITTED.

PLEASE NOTE: IN CERTAIN EXTERIOR CONDITIONS (DOWNGRADE ELEVATION, OPENINGS WITH DIRECT CONTACT TO PRECIPITATION, EXTREME HUMIDITY OR OTHER SIMILAR CONDITIONS) A DRAIN SYSTEM OR PROVISION FROM THE UNIT IS RECOMMENDED. IN ADDITION, THE CONTROL UNIT SHOULD BE MOUNTED IN AN ELEVATED POSITION OR REMOTELY LOCATED SEPARATE FROM THE UNIT. CONDENSATION RESULTING FROM TEMPERATURE AND OR CLIMATIC CONDITIONS IS A NATURALLY OCCURRING PROCESS AND NOT A WARRANTY PROVISION.

2. SEALS: ALL SEALS PROVIDED WITH THE IN-GROUND OPENER SYSTEM MUST BE INSTALLED INCLUDING:

A. SPINDLE SEAL AT COVER

C. PERIMETER GASKET BETWEEN CEMENT CASE AND COVER

SPECIAL NOTE ON SEALS: ANY SEAL FOUND TO BE DAMAGED OR WORN MUST BE REPLACED IMMEDIATELY TO MAINTAIN THE WARRANTY.

3. THRESHOLD: ALL THRESHOLDS MUST BE MANUFACTURED BY AAES OR MANUFACTURED TO AAES SPECIFICATIONS SHOWN ON INCLUDED SHOP DRAWINGS. THRESHOLDS MUST BE MANUFACTURED TO ACCEPT ALL SEALS, MUST BE REMOVABLE FOR FUTURE SERVICE, WITHOUT REMOVING DOOR AS SHOWN ON INCLUDED SHOP DRAWINGS AND MUST BE ATTACHED TO THE SURROUNDING FLOOR WITHOUT PENETRATING THE CEMENT CASE OR CEMENT CASE COVER. ALL CEMENT CASE COVERS MUST HAVE A PERIMETER SEAL OF SILICONE OR SIMILAR WATER PROOFING SEALANT APPLIED TO KEEP WATER FROM ENCROACHING INTO THE CEMENT CASE.

4. PRESSURE WASHING IS NEVER PERMITTED AT OR NEAR THE IN-GROUND OPENER INSTALLATION.

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PRESS PLATE LOCATION(S) MUST CONFORM WITH CBC11B-305.3 AS INDICATED IN 11B-404.2.9 EXCEPTION 2C.

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SHOPDRAWING

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11B-305.4 KNEE AND TOE CLEARANCE. UNLESS OTHERWISE SPECIFIED, CLEAR FLOOR OR GROUND SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE COMPLYING WITH SECTION 11B-306.

11B-305.5 POSITION. UNLESS OTHERWISE SPECIFIED, CLEAR FLOOR OR GROUND SPACE SHALL BE POSITIONED FOR EITHER FORWARD OR PARALLEL APPROACH TO AN ELEMENT.

11B-305.6 APPROACH. ONE FULL UNOBSTRUCTED SIDE OF THE CLEAR FLOOR OR GROUND SPACE SHALL ADJOIN AN ACCESSIBLE ROUTE OR ADJOIN ANOTHER CLEAR FLOOR OR GROUND SPACE.

11B-305.7 MANEUVERING CLEARANCE. WHERE A CLEAR FLOOR OR GROUND SPACE IS LOCATED IN AN ALCOVE OR OTHERWISE CONFINED ON ALL OR PART OF THREE SIDES, ADDITIONAL MANEUVERING CLEARANCE SHALL BE PROVIDED IN ACCORDANCE WITH SECTIONS 11B-305.7.1 AND 11B-305.7.1.

11B-305.7.1 FORWARD APPROACH. ALCOVES SHALL BE 36 INCHES WIDE MINIMUM WHERE THE DEPTH EXCEEDS 24 INCHES.

11B-305.7.2 PARALLEL APPROACH. ALCOVES SHALL BE 60 INCHES WIDE MINIMUM WHERE THE DEPTH EXCEEDS 15 INCHES.

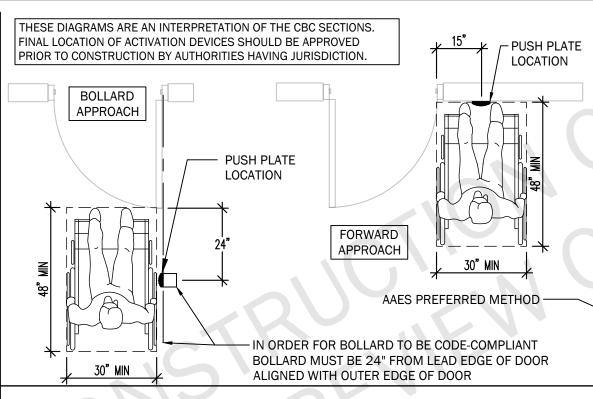
EXCEPTION-2C. POWERED DOORS SHALL BE CONTROLLED ON BOTH THE INTERIOR AND EXTERIOR SIDES OF THE DOORS BY SENSING DEVICES, PUSH PLATES, VERTICAL ACTUATION BARS OR OTHER SIMILAR OPERATING DEVICES COMPLYING WITH SECTIONS 11B-304, 11B-305 AND 11B-308.

AT EACH LOCATION WHERE PUSH PLATES ARE PROVIDED THERE SHALL BE TWO PUSH PLATES; THE CENTERLINE OF ONE PUSH PLATE SHALL BE 7 INCHES (178 MM) MINIMUM AND 8 INCHES (203 MM) MAXIMUM ABOVE THE FLOOR OR GROUND SURFACE AND THE CENTERLINE OF THE SECOND PUSH PLATE SHALL BE 30 INCHES (762 MM) MINIMUM AND 44 INCHES (1118 MM) MAXIMUM ABOVE THE FLOOR OR GROUND SURFACE. EACH PUSH PLATE SHALL BE A MINIMUM OF 4 INCHES (102 MM) DIAMETER OR A MINIMUM OF 4 INCHES BY 4 INCHES (102 MM BY 102 MM) SQUARE AND SHALL DISPLAY THE INTERNATIONAL SYMBOL OF ACCESSIBILITY COMPLYING WITH SECTION 11B-703.7.

AT EACH LOCATION WHERE VERTICAL ACTUATION BARS ARE PROVIDED THE OPERABLE PORTION SHALL BE LOCATED SO THE BOTTOM IS 5 INCHES (127 MM) MAXIMUM ABOVE THE FLOOR OR GROUND SURFACE AND THE TOP IS 35 INCHES (889 MM) MINIMUM ABOVE THE FLOOR OR GROUND SURFACE. THE OPERABLE PORTION OF EACH VERTICAL ACTUATION BAR SHALL BE A MINIMUM OF 2 INCHES (51 MM) WIDE AND SHALL DISPLAY THE INTERNATIONAL SYMBOL OF ACCESSIBILITY COMPLYING WITH SECTION 11B-703.7.

WHERE PUSH PLATES, VERTICAL ACTUATION BARS OR OTHER SIMILAR OPERATING DEVICES ARE PROVIDED, THEY SHALL BE PLACED IN A CONSPICUOUS LOCATION. A LEVEL AND CLEAR FLOOR OR GROUND SPACE FOR FORWARD OR PARALLEL APPROACH COMPLYING WITH SECTION 11B-305 SHALL BE PROVIDED, CENTERED ON THE OPERATING DEVICE. DOORS SHALL NOT SWING INTO THE REQUIRED CLEAR FLOOR OR GROUND SPACE.

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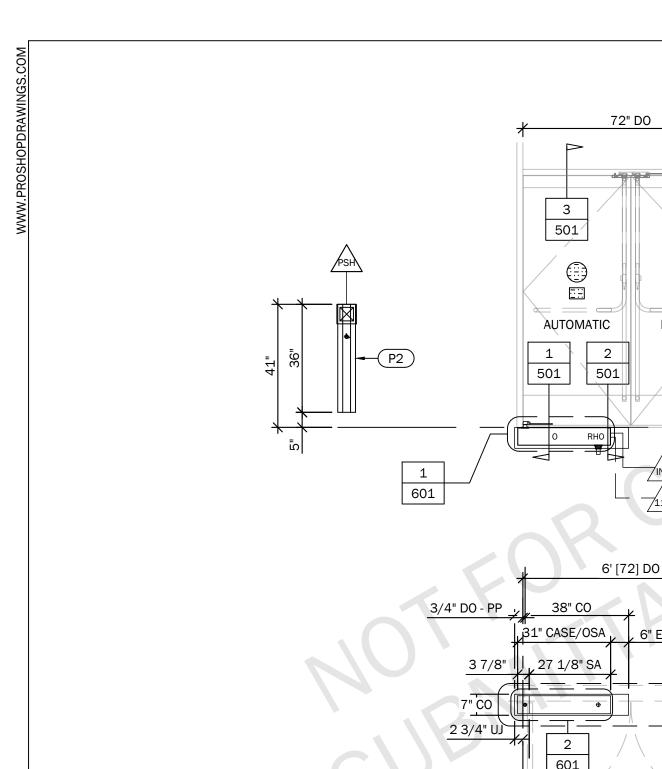
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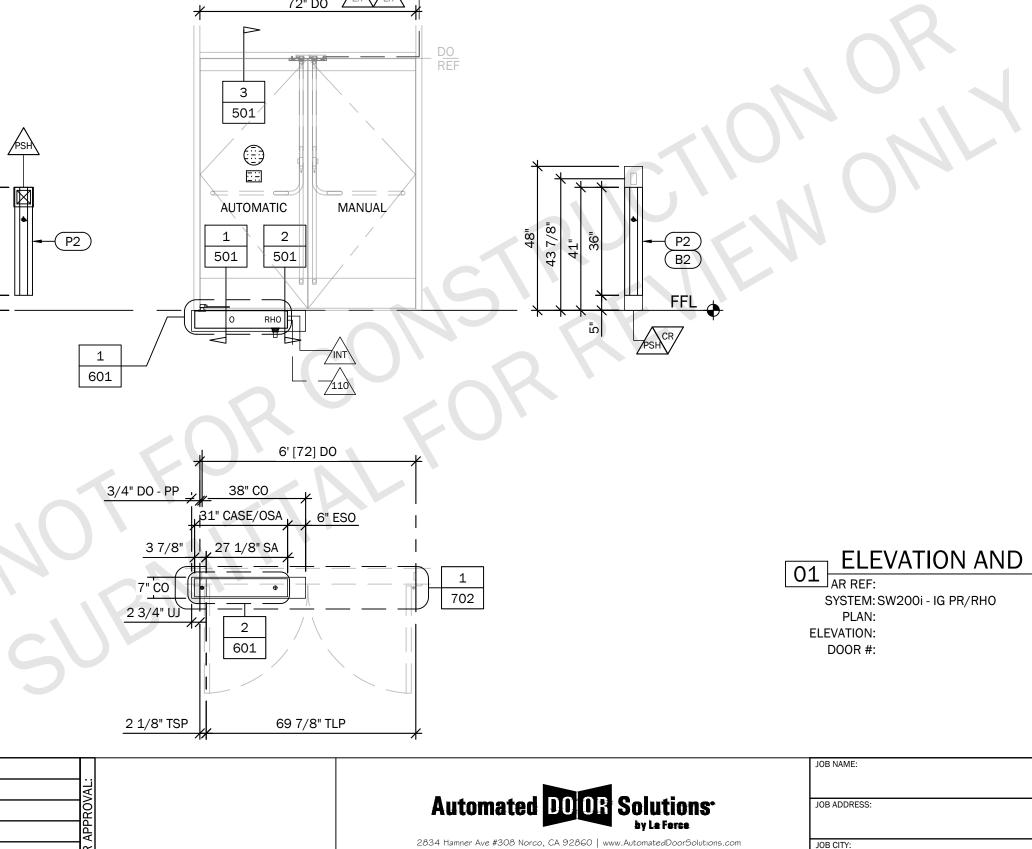
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PROJECT DESCRIPTION:

PUSH PLATE 24"	PARALLEL
	PROJECT NO:
PTION:	SHEET SCALE:
ALLATION GUIDELINES	SHEET NO: 104

Ы		ELECTRICAL NOTES	PRODUCT SCHEDULE		# MATERIAL LIST		
GS.C	110	SINGLE PHASE110VAC, DEDICATED GFCI CIRCUIT, REQUIRED. CONDUIT & WIRE	QTY DESCRIPTION	MRK	QTY	DESCRIPTION	
NN NN		PULL BY DIVISION 16. EXCLUSION: 8/22 LOW VOLTAGE CABLING REQUIRED FOR AUTOMATIC OPENER	02 EA SW200i IN-GROUND SWING DOOR OPERATOR(S)	GRT	-	MFR RECOMMENDED NON-SHRINKING GROUT	
DRA	INT	INTERFACE. CONDUIT & WIRE PULL BY OTHERS				PUSH PLATE: WIKK INGRESS'R VERTICAL ACTIVATION DEVICE WITH "PUSH	
Id OF		EXCLUSION: (2) CONDUIT REQUIRED FOR AUTOMATIC OPENER INTERFACE	ISOLATED PIVOT HEAVY DUTY OPENER	- P2	00 EA	TO OPEN" & INTERNATIONAL ADA SYMBOL ENGRAVED INTO FACEPLATE. FACE PLATE FINISH: BRUSHED STAINLESS STEEL 630	
SOS	CON	BETWEEN PAIRED OPERATOR HOUSINGS. ONE CONDUIT FOR 110VAC AND ONE CONDUIT FOR INTERFACE. CONDUIT & WIRE PULL BY OTHERS	CONFIGURED FOR AAES 109408 HD ENDLOAD DOOR ARM			ENGRAVING FINISH: BLUE POWDER COAT	
Ч		EXCLUSION: CARD READER/REMOTE OPEN - (NO) DRY CONTACT - MOMENTARILY	• 5/16 HP MOTOR			NOTE: SHOWN FOR ILLUSTRATION PURPOSE ONLY	
≶ _	CR	CLOSES UPON VALID CARD READ. CONDUIT & WIRE PULL BY OTHERS.	MICROPROCESSED CONTROL	B2	00 EA	BOLLARD: WIKK BOLLARD SQ11 42" X 6" STAINLESS STEEL WITH CARD READER ABOVE.	
	PS	POWER SUPPLY: EXCLUSION, BY OTHERS. MOUNTED BY ELECTRICAL CONTRACTOR. LOCATION MUST ALLOW FOR FUTURE SERVICE, AND MUST NOT BE	DOOR COMPLIES WITH ANSI 156.19 STANDARDS	- D2	UU EA	FINISH: BRUSHED STAINLESS STEEL 630 NOTE: SHOWN FOR ILLUSTRATION PURPOSE ONLY	
	гJ	OVER 50' FROM OPENING.	SEE ELEVATION FOR SIZE AND CONFIGURATION				
	EX	EXCLUSION: 4/18 LOW VOLTAGE CABLING REQUIRED FOR ELECTRIC LATCH RETRACTION. CONDUIT & WIRE PULL BY OTHERS.	(#) NOTES	HEAD		ADDITIONAL MATERIAL CEALED ELECTRIC STRIKE INTERFACE	
	LV	EXCLUSION: LOW VOLTAGE - SEE ELEVATION FOR ALL LOW VOLTAGE REQUIREMENTS. CONDUIT & WIRE PULL BY OTHERS. SHOWN FOR ELECTRICAL	EXISTING FINISHED FLOOR, DOORS, FRAMES AND HARDWARE NOT SPECIFICALLY LISTED IS BY OTHERS.				
	LV	PREPARATION REQUIREMENTS.	CO CONCRETE CUTOUT BY OTHERS				
		EXCLUSION: 6/22 SHIELDED LOW VOLTAGE CABLING REQUIRED FOR EACH PRESS	K 3/4" ELECTRICAL KNOCKOUT				
		PLATE. 4S ELECTRICAL BOX REQUIRED WITH 1 OR 2 GANG MUD RING. CONDUIT, BOX & WIRE PULL BY OTHERS. NOTE: MUST BE LOCATED 24" BEYOND SWING	S SHAFT SEAL				
	PSH	PATH OF DOOR TO BE CODE COMPLIANT.	C C CHANNEL WELDED TO COVER				
		*THIS CABLE MUST BE CONTINUOUS FROM PRESS PLATE TO AUTOMATIC OPENER.	EXCLUSION: DRAINAGE * REQUIRED FOR WARRANTY. UNIT IS WATER RESISTANT,				
		GENERAL ELECTRICAL NOTES	DRAIN IS FOR CONDENSATION THAT BUILDS UP OVER TIME INSIDE HOUSING. THIS REQUIRES A 3" CORE DRILL. THIS IS A BRASS SINK DRAIN, 1" PIPE SIZE, 2"				
	BACI	K BOXES: ALL PUSH PLATE LOCATIONS PER ARCHITECTURAL DRAWINGS. HOWEVER,	D TOP DIAMETER AND 3 1/4" LONG. FITS 1 3/8" SINK OPENING, INCLUDES				
	ALL BA	ACK BOXES MUST BE LOCATED 24" BEYOND SWING PATH OF DOOR TO BE CODE PLIANT.	LOCKNUT AND RUBBER WASHER. THE ACTUAL PHYSICAL OUTER THREAD DIAMETER IS 1 19/64".				
			SA (SA) SERVICE ACCESS REQUIRED THRUOUT THE CASE. HOWEVER, SERVICE ACCESS REQUIRED WITHOUT REMOVING DOOR. SHOWN AS SEPARATE SA. SF PENETRATION OF THE OPERATOR HOUSING WITH PHYSICAL ATTACHMENTS FOR THRESHOLD OR ANY OTHER HARDWARE CAN CAUSE DAMAGE AND LEAKAGE INTO THE OPERATOR AND SHALL VOID ALL WARRANTIES EXPRESSED OR IMPLIED				
			MAXIMUM WEIGHT OF DOOR IS 500 LBS				
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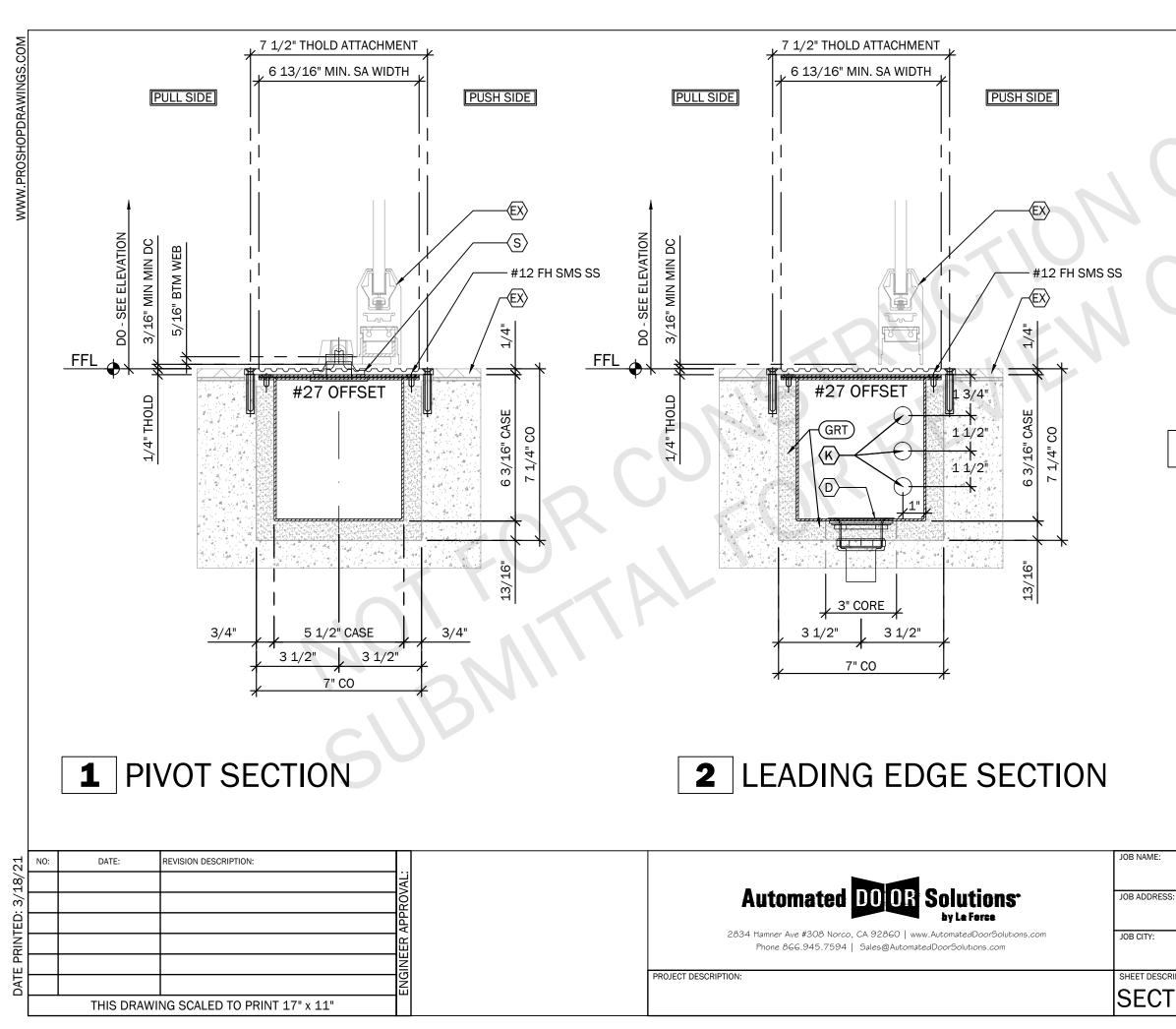
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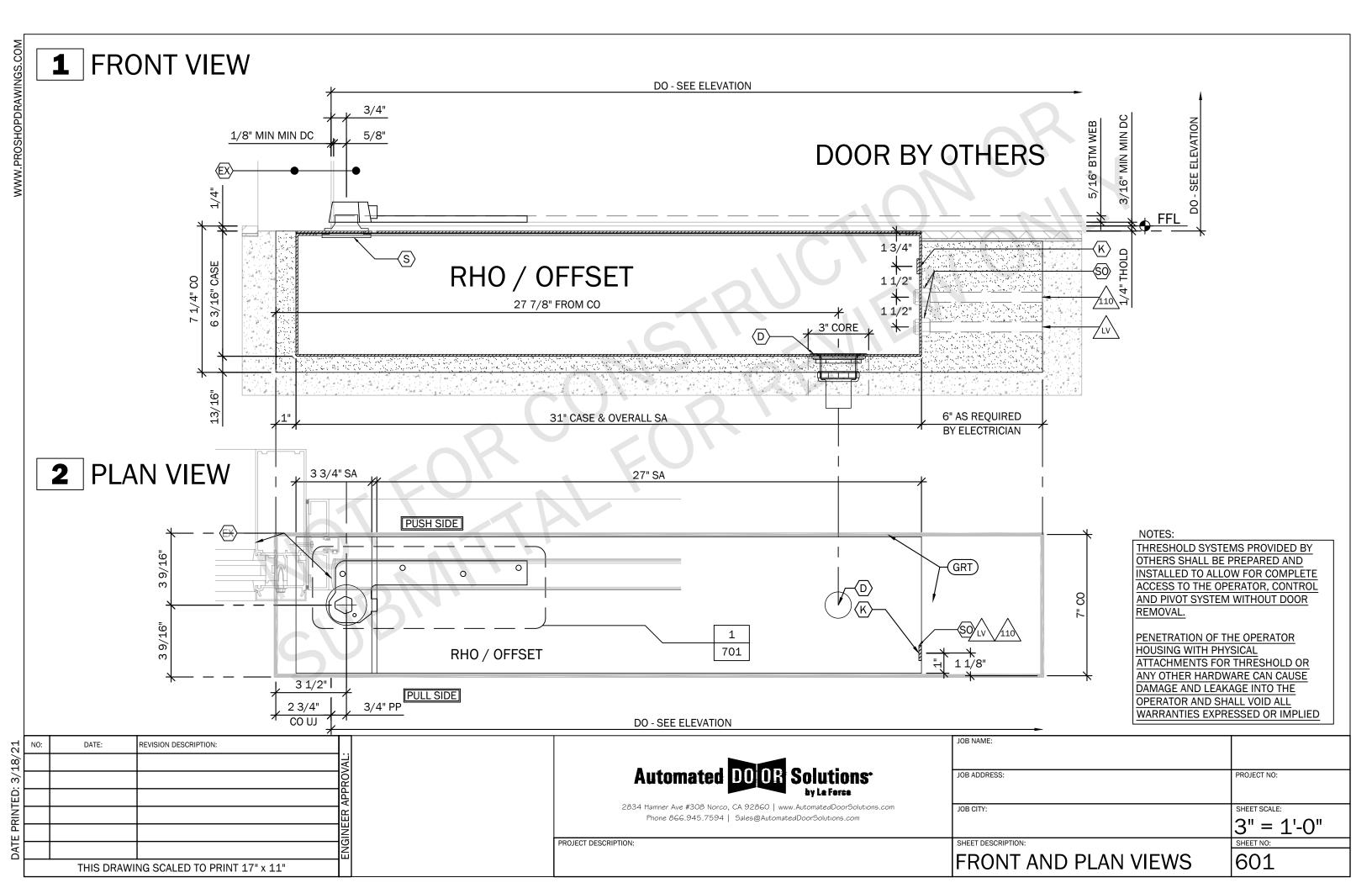
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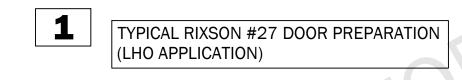
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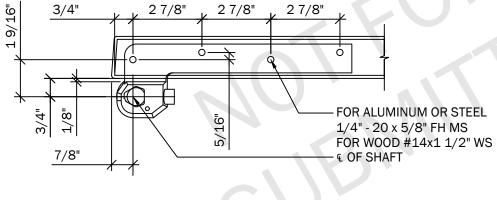
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PENETRATION OF T HOUSING WITH PH ATTACHMENTS FO ANY OTHER HARDY DAMAGE AND LEAF OPERATOR AND SH WARRANTIES EXPE	YSICAL R THRESHOLD OR VARE CAN CAUSE (AGE INTO THE
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ION VIEWS	501







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