

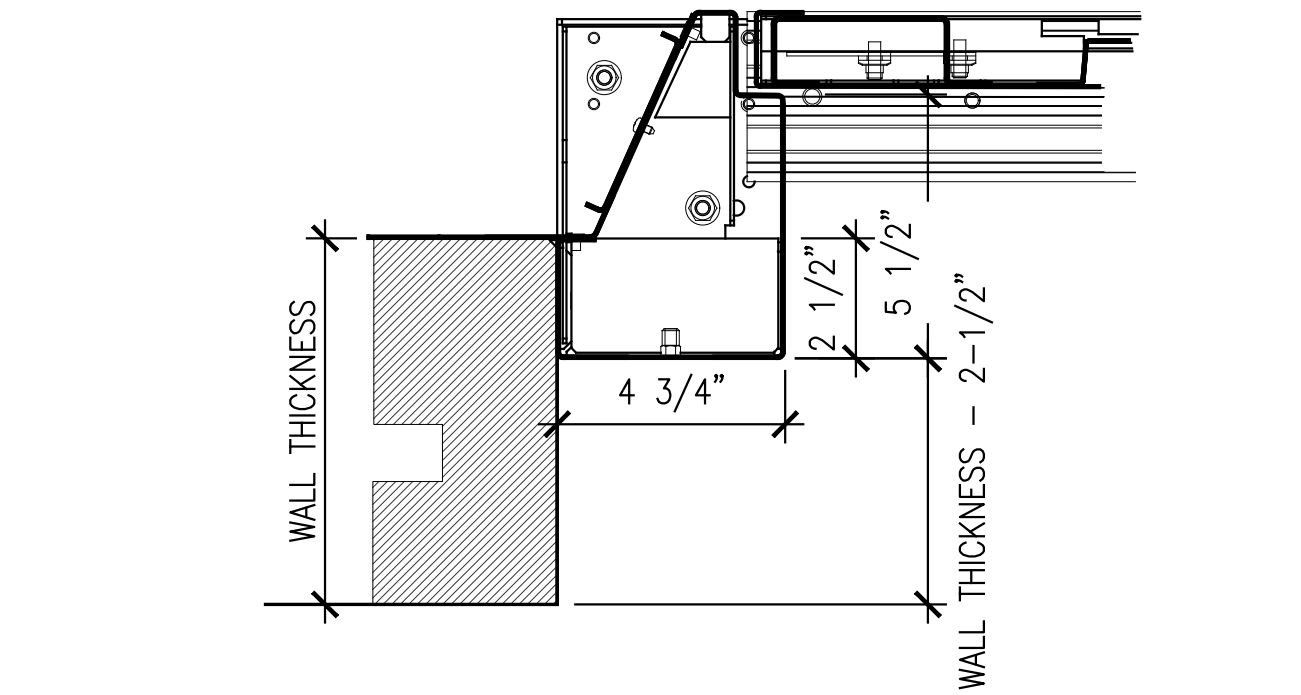
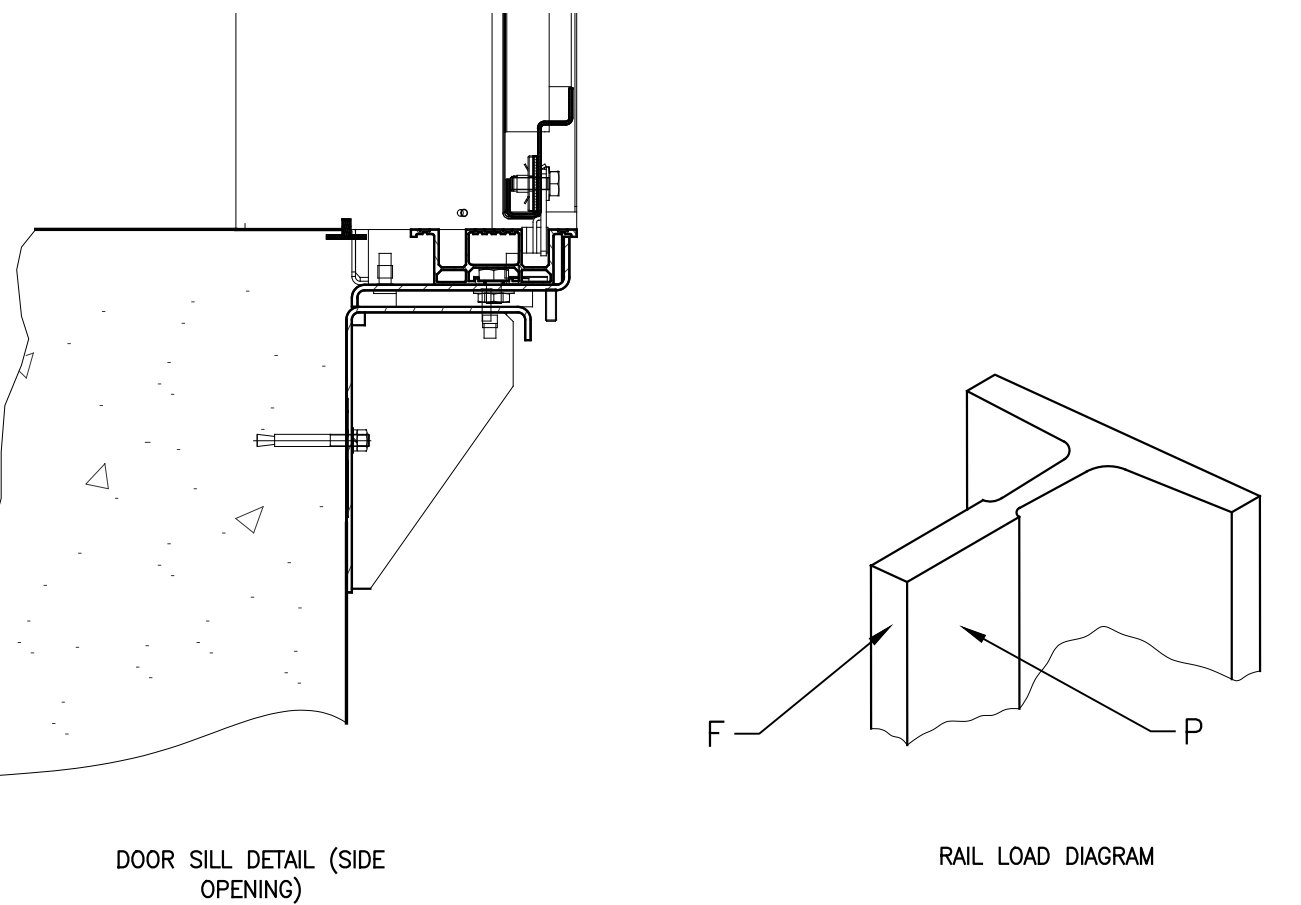
IMPACT LOADS					
VERTICAL LOADS AT PIT (BUFFER IMPACT)		VERTICAL LOADS AT PIT UNDER GUIDE RAILS (INCLUDING IMPACT LOAD DUE TO SAFETIES APPLICATION, GOVERNOR LOAD AND EQUIPMENT ON RAILS)			
F9	F10	F8	F16	F17	F18
10083 LBF	13448 LBF	11941 LBF	15910 LBF	3677 LBF	3677 LBF
[44.9 KN]	[59.8 KN]	[53.1 KN]	[70.8 KN]	[16.4 KN]	[16.4 KN]

CAR RAIL LOADS			
NON-SEISMIC		SEISMIC	
F	P	F	P
316 LBF	154 LBF	696 LBF	348 LBF
[1403 N]	[685 N]	[3095 N]	[1548 N]

CWT RAIL LOADS			
NON-SEISMIC		SEISMIC	
F	P	F	P
33 LBF	7 LBF	754 LBF	377 LBF
[146 N]	[31 N]	[3351 N]	[1675 N]

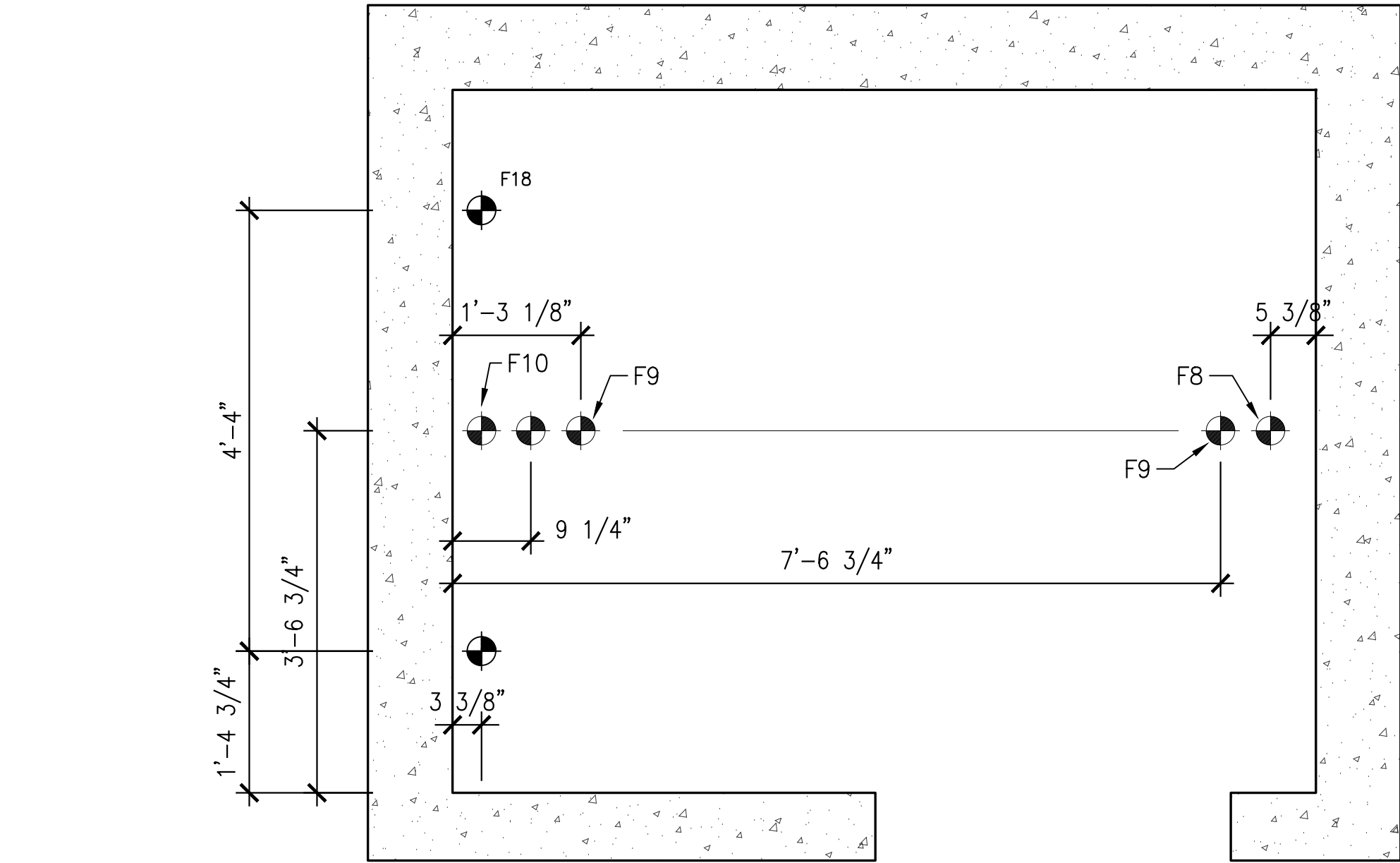
STATIC RAIL LOADS FROM EQUIPMENT SUPPORTED			
F8	F16	F17	F18
4481 LBF	7928 LBF	2259 LBF	2259 LBF
[19.9 KN]	[35.3 KN]	[10.0 KN]	[10.0 KN]

NOTE: F9 & F10 Do not occur simultaneously with F8 & F16

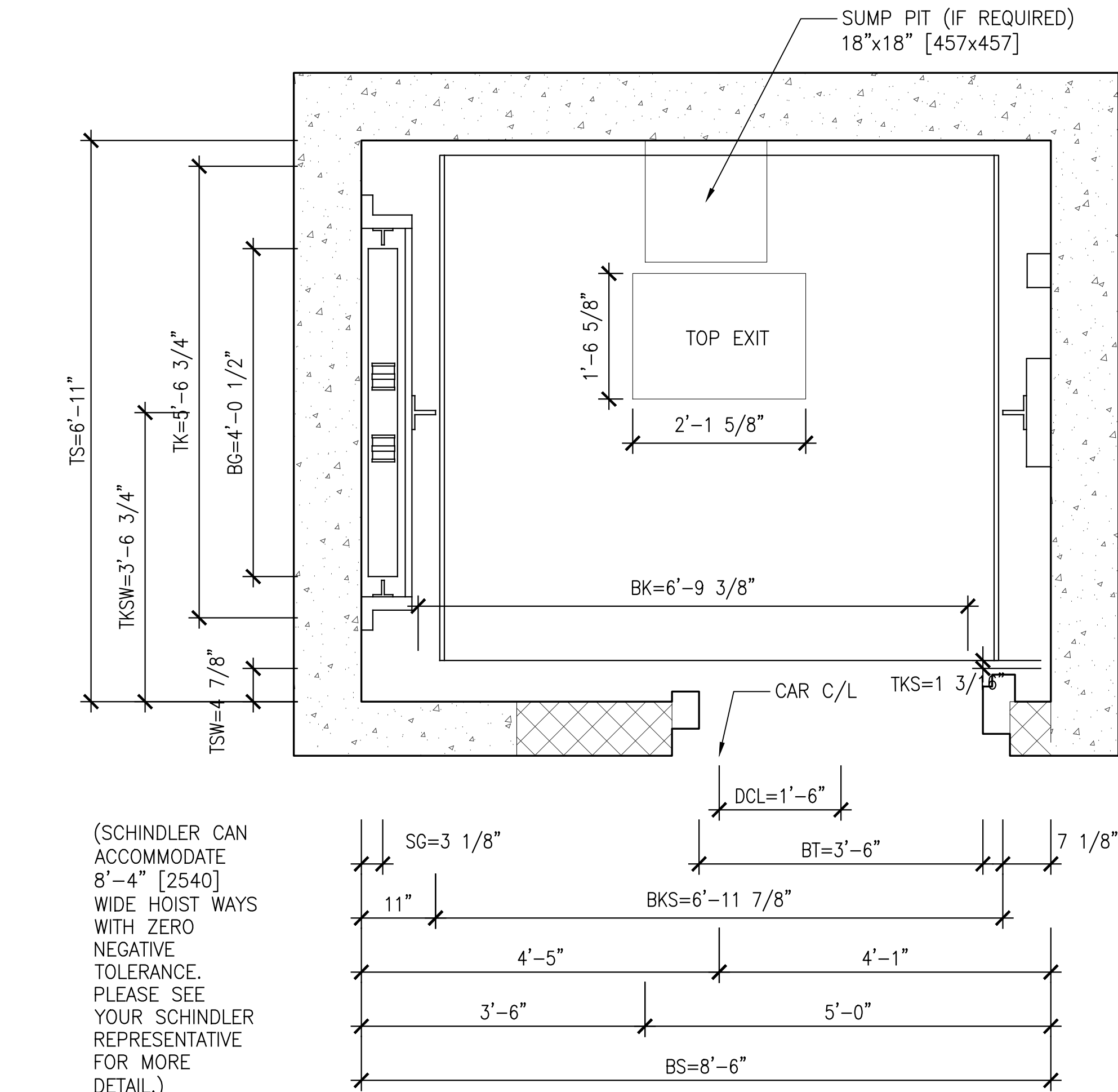


2 ENTRANCE JAMB DETAIL (SIDE OPENING)
SCALE: 3"=1'-0"

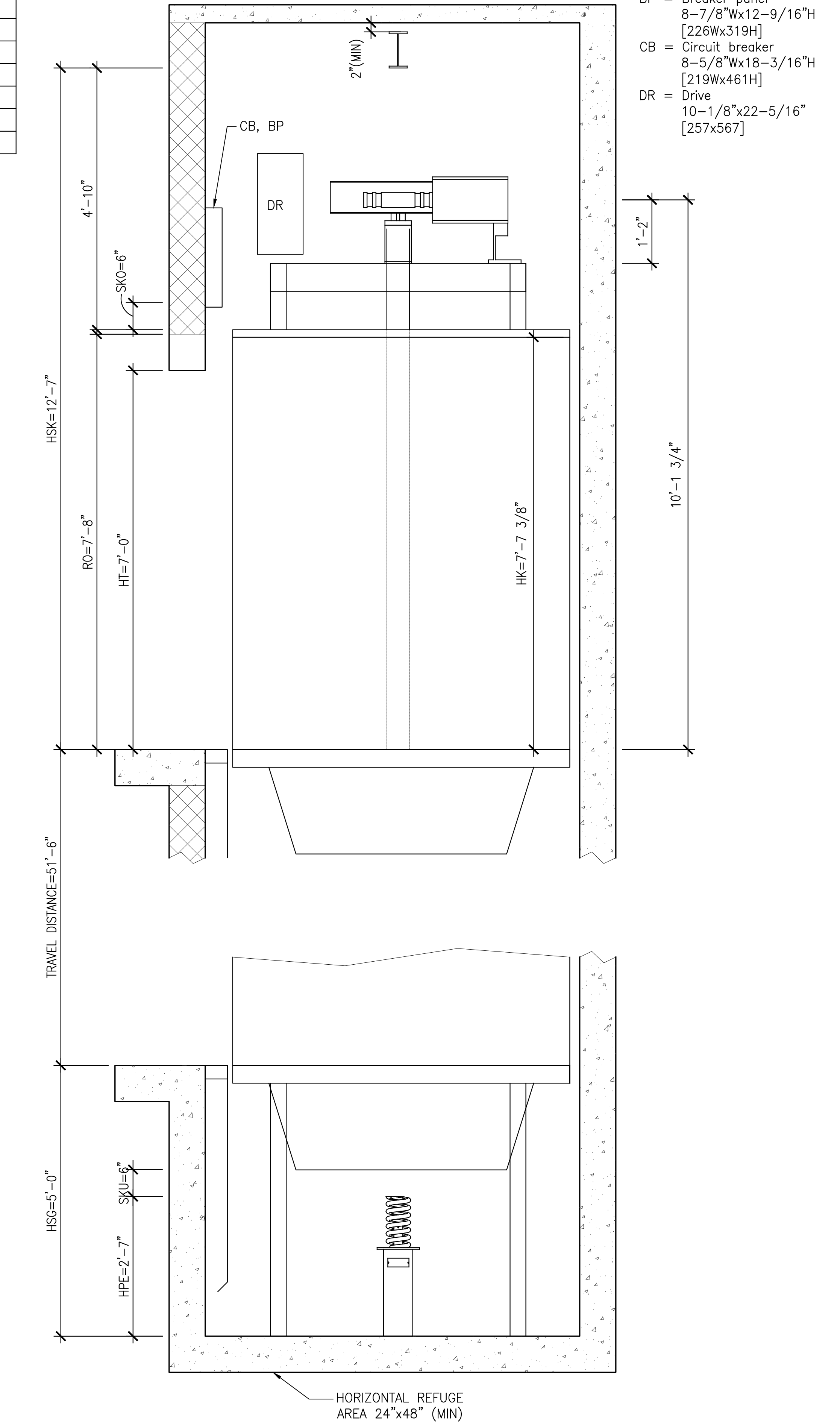
ACRONYM	DEFINITION	ACRONYM	DEFINITION
BGS	DISTANCE BETWEEN CWT GUIDE RAILS	RO	ROUGH OPENING
BK	CAR WIDTH (INSIDE)	SG	C/L CWT RAIL
BKS	DISTANCE BETWEEN CAR GUIDE RAILS	SKO	TOP RUNBY
BS	HOISTWAY WIDTH	SKU	BOTTOM RUNBY
BT	ENTRANCE OPENING WIDTH (HOISTWAY)	TCRR	TOP OF CAR RAIL
DCL	DOOR C/L	TCWR	TOP OF CWT RAIL
HK	CAB HGT TO UNDERSIDE OF CANOPY	TK	CAR DEPTH (INSIDE)
HSG	PIT DEPTH	TKS	RUNNING CLEARANCE
HSK	OVERHEAD HEIGHT	TKSW	FRONT H/W WALL TO C/L RAILS
HT	ENTRANCE OPENING HEIGHT	TS	HOISTWAY DEPTH
RHD	RAIL HEAD DEPTH	TSW	ENTRANCE SILL DEPTH



1 LOAD POINTS
SCALE: 3/4"=1'-0"



3 HOISTWAY PLAN VIEW
SCALE: 3/4"=1'-0"



4 ELEVATION SECTION PIT AND OVERHEAD
SCALE: 3/4"=1'-0"

BP = Breaker panel
8-7/8"Wx12-9/16"H
[226Wx319H]
CB = Circuit breaker
8-5/8"Wx18-3/16"H
[219Wx461H]
DR = Drive
10-1/8"x22-5/16"
[257x567]

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20 DUNNIGAN DRIVE
SUFFERN, NEW YORK

REV	DESCRIPTION	DATE
-	ISSUED FOR DOB SUBMISSION	9.10.21
-	ISSUED FOR BID	10.15.21
-	ISSUED FOR CONSTRUCTION	11.30.21
-	REVISED BID SET	01.20.22
-	REVISED FOR CONSTRUCTION	04.05.22
-	PER METAL PANEL REDESIGN	07.26.22
-	REVISED FOR CONSTRUCTION	08.15.22

DRAWN BY :	S. WOO
CHECKED BY :	D. TOBAR, R.A.
APPROVED BY :	A. BERGER, R.A.
DATE :	07.30.2021
SCALE :	AS NOTED

DRAWING TITLE :

ELEVATOR CAB PLANS
AND SECTION

DWG NUMBER :

A-400