NOTES: - APPLICATION DESIGNED FOR: TKE - REFER TO MANUFACTURER SHOP DRAWINGS

PIT AND OVERHEAD PLANS INDICATE REACTIONS FOR MACHINE ROOM-LESS EQUIPMENT OF VARIOUS ELEVATOR VENDORS. WHERE REACTIONS OF DIFFERENT VENDORS OVERLAP, THE HIGHER REACTION IS INDICATED. REACTIONS FOR ONE VENDOR DO NOT OCCUR WITH THE REACTIONS OF OTHER VENDORS. OVERHEAD PLANS ARE NOT SHOWN FOR VENDORS WITH NO REACTIONS IN THE OVERHEAD.





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FLOOR ELEVATION.						
ELEVATOR TENANT 5						
FLOORS SERVED	FLOOR NUMBER	OPENING REAR/FRONT		FLOOR TRAVEL (FEET)		
	8		F	0'-0"		
	7	R	F	12'-0"		
	6	R	F	12'-0"		
	5	R	F	12'-0"		
	4	R	F	12'-0"		
	3	R	F	12'-0"		
	2	R	F	12'-0"		
	1	R		14'-0"		
	Р		F	12'-0"		
TOTALS	OPENINGS	7	8			
	STOPS	9				
	TRAVEL			98'-0"		

ALL VERTICAL DIMENSIONS THAT ARE

ELEVATION ARE DIMENSIONED TO THE FINISH

DIMENSIONED FROM A BUILDING FLOOR

HOISTWAY SECTION - TENANT 5 VT06 SCALE: 1/4" = 1'-0"

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10'-0" HOISTWAY



HOISTWAY PLAN - LEVEL 3 - TENANT 5 VT06 SCALE: 1/4" = 1'-0"



² PIT PLAN - LEVEL P1 - TENANT 5 VT06 SCALE: 1/4" = 1'-0"

ELEVATOR TENANT	5

1.

3.

4.

5.

OVERHEAD NOTES:

PROVIDE ADEQUATE LIGHTING TO MAINTAIN MIN HOISTWAY.
PROVIDE LIGHTS, LIGHT SWITCHES AND GFCI- PR LOCATIONS WITH ELEVATOR CONTRACTOR.
PROVIDE STRUCTURAL SUPPORT TO SUSTAIN REA
PROVIDE 2 LIFELINE ATTACHMENTS AT THE TOP F SHALL BE CAPABLE OF WITHSTANDING 5000# (22 OF ATTACHMENTS WITH ELEVATOR CONTRACTOR
PROVIDE HOIST BEAM SUPPORT 15,000#. COORD REQUIREMENTS WITH ELEVATOR CONTRACTOR.
OVERHEAD DIMENSIONS ARE CLEAR FROM F.F. AT

- OBSTRUCTION ABOVE CAR AND/OR COUNTERWEIGHT.
- MACHINE LOCATION WITH ELEVATOR CONTRACTOR.
- SHOP DRAWINGS.

OVERHEA	D REACTI	[C
	DUTY: 4000# @ 200 FF	РΜ
KEY	REACTION (F	
G	19.2	
H	10.8	

HOISTWAY NOTES:

- AND LOCATION WITH ELEVATOR CONTRACTOR.
- 2. FOR ABOVE CAR MACHINE LOCATION, ERECT ENTRANCE SIDE HOISTWAY WALL AT ELEVATOR
- 3. PROVIDE SMOKE VENTING PER LOCAL CODE REQUIREMENTS.
- CONTRACTOR.
- 5. ROUGH OPENINGS VARY BY MANUFACTURER, VERIFY ROUGH OPENING BEFORE CONSTRUCTION.
- 6. 1070 MM (42") CAR TOP RAILING PER CODE BY ELEVATOR CONTRACTOR.
- 9. PROVIDE STRUCTURAL SUPPORT, FOR CAR AND CWT GUIDE RAIL FASTENING AT MAX. VERTICAL STRUCTURE BETWEEN FLOOR BEAMS.

	RAIL	SUPPORT	TABLE
		15# RAILS	
CAR GUIDE RAIL		10'-6"	
CWT GUIDE RAIL		10'-6"	

CONTROL ROOM NOTES:

- 1. PROVIDE SELF-CLOSING, SELF-LOCKING CONTROL ROOM ACCESS DOOR.
- 2. PROVIDE ADEQUATE LIGHTING TO MAINTAIN MIN. 200 LUX (19 FC) ILLUMINATION AT CONTROL ROOM FLOOR.
- CONTROLLER.
- OVERCURRENT PROTECTION, SHALL BE LOCATED IN THE MACHINE ROOM, AND SHALL MEET N.E.C. REQUIREMENTS.
- CORRESPONDING MACHINE AT THE TOP OF THE HOISTWAY.

PIT NOTES:

- 1. PROVIDE ADEQUATE LIGHTING TO MAINTAIN MI 2. PROVIDE PIT ACCESS LADDER(S) OR DOOR(S), L
- UTILITY OUTLET(S). 3. COORDINATE LIGHT FIXTURES AND UTILITY OUT
- 4. PROVIDE ADEQUATE STRUCTURAL SUPPORT REQ
- ELEVATOR CONTRACTOR PROVIDE PERMANENT I REQUIRED.
- 6. PROVIDE INDIRECT PIT DRAIN OR 24"x24"x24" S FLOOR. PROVIDE MINIMUM SUMP PUMP/DRAIN
- 7. ELEVATOR CONTRACTOR IS TO PROVIDE A COUN
- 8. ELEVATOR CONTRACTOR TO PROVIDE BUFFER A
- 9. CAR/CWT BUFFER REACTIONS WILL NOT OCCUR 10. REACTIONS HAVE BEEN DOUBLED FOR IMPACT.

DUTY: 4000# @ 200 FPM			
DUTY: 4000# @ 200 FPM	BL		
KEY REACTION (FORCES IN RIFS) DE	ESCI		
A 53.3 CAR BUFFEF	R		
B 48.8 CWT BUFFE	R		
C 32.2 EACH CAR SAFETY	Y		
ALTERNATE PIT REACTIONS FOR RAIL SUPPO	ORTE		
THE FOLLOWING REACTIONS DO OCCUR SIM			
D 32.0 EACH DRIVE MACH RAIL COMBI DEH LOAD C	HIN INE ON		
E 23.0 EACH DYNAMIC LO	OAE		
F 10.7 EACH DYNAMIC LO	OAE		

		No.	Des
IN. 100 LUX (10 FC) ILLUMINATION AT PIT FLOOR.		
.IGHT SWITCH(ES),	LIGHT(S), AND GFCI-PROTECTED		
TLETS LOCATION V	VITH ELEVATOR CONTRACTOR.		
QUIRED FOR BUFFE	R AND R3 RAIL FORCE REACTIONS.		
MEANS TO ACCESS	UNDERSIDE OF CAR AS		
SUMP PUMP, WITH CAPACITY OF 3000	GRATING COVER, LEVEL WITH PIT GALLONS/HOUR PER ELEVATOR.	Shoot	Nama
NTERWEIGHT GUAF	RD PER CODE.	Sneet Name	
CCESS PLATFORM	AND LADDER AS REQUIRED.		
R SIMULTANEOUSLY	2. UNLESS SPECIFIED OTHERWISE.	Pl	_ANS A
		S	ECTIO
E		F	I FVAT
		-	
RIPTION			
		Issued	For:
(SEE CAR R3 RAIL FORCES)			IFC S
ED MACHINE		Project	Number:
TANEOUSLY.			· • •
NE LOAD ON CAR ED WITH CWT		Govern	ing Codes:
D ON CAR RAIL		Date:	
D ON CWT RAIL		Drawn	Bv [.]
		Chocke	ad By:
			50 Dy.
		Sheet	Number:

5. FOR MOST VENDORS, CONTROLLER MUST BE WITHIN 100' WIRE RUN LENGTH FROM THE

4. PROVIDE 1-PHASE FEEDER WITH DISCONNECTING MEANS FOR CAR LIGHTING, VENTILATION SYSTEM AND RECEPTACLE FOR EACH ELEVATOR. THESE DISCONNECTING MEANS SHALL INCLUDE

3. PROVIDE 3-PHASE MAINLINE POWER FEEDER WITH DISCONNECTING MEANS FOR EACH ELEVATOR

MAX SPAN MAX SPAN

SPACING THROUGH TOP OF HOISTWAY AS SPECIFIED IN RAIL SUPPORT TABLE. IF THIS SPACING CANNOT BE MAINTAINED, PROVIDE INTERMEDIATE SUPPORT BEAMS OR CONTINUOUS VERTICAL

7. ABOVE CAR MACHINE LOCATION. VERIFY FINAL LOCATION WITH ELEVATOR CONTRACTOR. 8. SIDE CWT MACHINE LOCATION. VERIFY FINAL LOCATION WITH ELEVATOR CONTRACTOR.

FOR THE LARGE GUIDE RAIL FORCES DUE TO HOIST MACHINE, DEFLECTOR SHEAVE, AND DEAD END HITCH LOADS. COORDINATE LOADING REQUIREMENTS AND LOCATIONS WITH ELEVATOR

EQUIPMENT STORAGE LEVEL AFTER ELEVATOR EQUIPMENT HAS BEEN INSTALLED IN HOISTWAY. 4. FOR CERTAIN MRL VENDORS, PROVIDE ADDITIONAL LATERAL SUPPORTS ABOVE THE TOP TERMINAL

1. PROVIDE ACCESS PANEL AT TOP TERMINAL WHEN CONTROL ROOM IS REMOTE. COORDINATE SIZE

N TABLE	
ORCES IN KIPS)	
EACH	
EACH	

8. OVERHEAD REACTIONS VARY PER VENDOR BASED ON CWT LOCATION AND METHOD OF SUPPORT FOR HOIST MACHINE AND DEAD END HITCHES. COORDINATE FINAL REACTIONS WITH ELEVATOR

M F.F. AT TOP LANDING TO STRUCTURE OR ANY 7. MACHINE BEAM SUPPORT. THIS SUPPORT IS REQUIRED FOR ABOVE CAR MACHINE LOCATION. VERIFY

000# (2268 KG) LOAD PER OSHA. COORDINATE LOCATION FRACTOR. COORDINATE HOISTBEAM LOCATION(S) AND LOAD

GFCI- PROTECTED UTILITY OUTLETS. COORDINATE TAIN REACTIONS INDICATED. HE TOP FRONT OF EACH HOISTWAY. EACH ATTACHMENT

TAIN MIN. 200 LUX (19 FC) ILLUMINATION AT TOP OF

4000# @ 200 FPM MRL

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Description

PLANS AND HOISTWAY

SECTION - TOWER C -

ELEVATOR TENANT 5

IFC SET

Date

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11/18/2022

BA, JB

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