

ELEVATOR SUBMITTAL PACKAGE

Date Submitted: **DECEMBER 22, 2021**

For Project:

LAYTON IHC CLINIC

TK Elevator Job Number: **261-2247-01A, 261-2247-05A**

**REVISE AND RESUBMIT
DRAWINGS**

Elevator(s): **1 , 2 (DUPLEX)**

FOR APPROVAL

Located At:

LAYTON

LAYTON, UT 84041

Company (Mail To):

INTERMOUNTAIN HEALTHCARE

SLC

SLC, UT 84000

GC Phone: **801-941-3759**

Attention:

NEIL GRANT

TKE MOVE
BEYOND

INSTRUCTIONS

Failure to complete the Contractor Verification Sheet and Approve drawings WILL result in delay of fabrication and shipping of equipment.

Check ALL hoistway dimensions, elevator travel (floor to floor heights), pit depth, clear over-head, machine room dimensions and entrance wall thickness. Mark-up drawings accordingly, and remit with necessary approval (i.e: approved or approved as noted) to the Local TK Elevator Office.

Complete all information on the Contractor Verification Sheet.

Provide a firm on-site date to the Local TK Elevator Representative.

Any previously quoted manufacturing lead-times for material delivery, shall begin the date of receipt by TK Elevator of ALL approvals, confirmations, and a fully executed subcontract agreement. The installation start date cannot be any earlier than the delivery of the material to the site and the completion of all items shown on the Pre-Installation Checklist sent to you in this submittal package.

INFORMATION

"ALL DEPICTIONS, DIMENSIONS, MEASUREMENTS AND ALL OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE FOR ILLUSTRATION PURPOSES ONLY. THE CONSTRUCTION MANAGER AND/OR GENERAL CONTRACTOR BEARS FULL RESPONSIBILITY TO PROPERLY BUILD THE NECESSARY HOISTWAYS, CONTROL-ROOMS, AND/OR MACHINE-ROOMS TO ACCOMMODATE THE ELEVATOR EQUIPMENT PURCHASED." IN NO EVENT WILL TK ELEVATOR CORPORATION BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, OR INDIRECT DAMAGES (INCLUDING BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFITS, DELAY, BUSINESS INTERRUPTION,) ARISING OUT OF THE USE OF THESE DRAWINGS, THE INABILITY TO USE THESE DRAWINGS (INCLUDING ANY INFORMATION CONTAINED THEREIN), OR ANY TRANSACTIONS RELATED TO THE USE OF THESE DRAWINGS. BECAUSE SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF LIABILITY FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES, THE ABOVE LIMITATION MAY NOT APPLY TO YOU. IN SUCH STATES, TK ELEVATOR CORPORATION'S LIABILITY IS LIMITED TO THE GREATEST EXTENT PERMITTED BY LAW.

REMITTANCE INFORMATION:

PLEASE REMIT ELECTRONIC COPY OF ALL CONFIRMATIONS AND APPROVALS TO:

TO: BRANDON WILLIAMS

EMAIL:

PHONE: 801-908-7433

CONTACT INFORMATION:

Sales Representative:	BRANDON WILLIAMS	801-908-7433	
Construction Superintendent:	THOMAS RIES	801-908-7433	
Project Manager:	HEATHER CLARK	801-908-7433	

General Contractor Owner Job-Site Pre-Installation Checklist (See G.C. Site Binder)

PACKAGE CONTENT:

Contractor Verification Sheet

Instruction and Information Sheet

Approval/Approved Sheet

Layout Sheet

Entrance Sheet(s)

- The enclosed submittals are in compliance with conditions of TK Elevator's subcontract or supplying and installing materials and or systems for the project referenced above.

- Enclosed drawings are for approval purposes only and not to be used for construction.

Architect/GC Verification Form

FACTORY JOB NUMBER:

ELEVATOR DESIGNATION: **1 (EAST ELEVATOR)**

REQUIRED CAB INFORMATION

*** Note*** (Elevator platform will be designed to accommodate 3/8" flooring)
 *** Note*** (Elevator flooring is by others. Not included in material order)

DESCRIPTION OF YOUR CAB FEATURES

CAB TYPE:	FLAT STEEL WALLS (TKS)
CAB WALL FINISH:	F-400 GRAY PRIMER HIGH GLOSS
CAB CEILING:	BASIC FLAT
CEILING FINISH:	PC COLOR: F-400 GRAY PRIMER HIGH GLOSS
CAB DOOR:	#4 STAINLESS STEEL
CAR SILLS:	ALUMINUM
CAB PROTECTION:	N/A
CAB FLOORING:	FINISH FLOOR WEIGHT (3/8" MAX. THICKNESS) = 150 LBS. BY OTHERS

FEATURES FOR YOUR FIXTURES

POSITION INDICATOR ILLUM:	BLUE
VANDAL RESISTANT LED COLOR:	BLUE LED
VOICE ANNUNCIATOR:	<VAGENDER>
VOICE ANNUNCIATOR VERBIAGE:	<VAVERBIAGE>

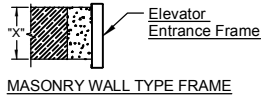
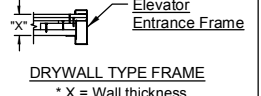
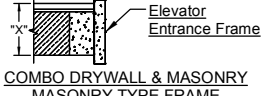
REQUIRED ENTRANCE INFORMATION

FLOOR MARKING:	WALL TYPE:	WALL THICKNESS (X):	ENTRANCE DOOR FINISH:	ENTRANCE FRAME FINISH:
2	<WALLTYPE>	<WALLTHK>	#4 STAINLESS STEEL	#4 STAINLESS STEEL
1	<WALLTYPE>	<WALLTHK>	#4 STAINLESS STEEL	#4 STAINLESS STEEL

MAIN EGRESS FLOOR (Fire Service): <MAINEGRESS>

ALTERNATE FLOOR (Fire Service): <ALTEGRESS>

*** Note *** (GC to provide frame size. Please reference the (X) dimension noted below for wall size)

ENTRANCE WALL DETAIL	PLEASE VERIFY DIVIDER BEAM TYPE (CHECK BOX)
 <p style="font-size: x-small;">MASONRY WALL TYPE FRAME</p>	<input type="checkbox"/> TUBE STEEL <input type="checkbox"/> I - BEAM
 <p style="font-size: x-small;">DRYWALL TYPE FRAME * X = Wall thickness</p>	
 <p style="font-size: x-small;">COMBO DRYWALL & MASONRY MASONRY TYPE FRAME</p>	

REQUIRED POWER CONFIRMATION

PLEASE CONFIRM THE FOLLOWING INFORMATION

BUILDING POWER: **460 VOLTS A.C., 3 PHASE, 60 CYCLES** CONFIRMED

STARTING TYPE: **SOLID STATE STARTING**

CORRECTED: VOLTS: <VLT> PHASE: <PH> CYCLES: <CYC>

EMERGENCY POWER VERIFICATION

THIS ELEVATOR HAS BEEN PROVIDED WITH THE FOLLOWING

BACK UP POWER PROVISIONS: **10_D_O_C** CONFIRMED

CORRECTED: <QTYELEV>

NOTE Jamb mounted controllers have AUX contacts provided by TKE.
 For machine room applications AUX contacts **are to be provided by others.**

CUSTOMER APPROVAL BOX

- NET TRAVEL: CONFIRMED CORRECTION REQUIRED
 - PIT DEPTH: CONFIRMED CORRECTION REQUIRED
 - HAND OF DOOR: CONFIRMED CORRECTION REQUIRED
 - CLEAR OVERHEAD: CONFIRMED CORRECTION REQUIRED
 - HOISTWAY SIZE: CONFIRMED CORRECTION REQUIRED
 - MACHINE ROOM WIDTH: CONFIRMED CORRECTION REQUIRED
 - MACHINE ROOM LENGTH: CONFIRMED CORRECTION REQUIRED
- ***NOTE*** IF CORRECTIONS ARE REQUIRED PLEASE NOTE ON CORRESPONDING SUBMITTAL DRAWINGS BELOW

MATERIAL RELEASE FORM

Requested Elevator Material Delivery/Start Date: / /
 (Delivery of all remaining material, less any early shipment)

APPROVED BY: <APPROVALSHEETSIGNATURE> **DATE: <APPROVALSHEETDATE>**

FAILURE TO FULLY COMPLETE THIS SHEET MAY RESULT IN DELAY OF SCHEDULE

Architect/GC Verification Form

FACTORY JOB NUMBER:

ELEVATOR DESIGNATION: **2 (WEST ELEVATOR)**

REQUIRED ENTRANCE INFORMATION

FLOOR MARKING:	WALL TYPE:	WALL THICKNESS (X):	ENTRANCE DOOR FINISH:	ENTRANCE FRAME FINISH:
2	<WALLTYPE>	<WALLTHK>	#4 STAINLESS STEEL	#4 STAINLESS STEEL
1	<WALLTYPE>	<WALLTHK>	#4 STAINLESS STEEL	#4 STAINLESS STEEL

REQUIRED POWER CONFIRMATION

PLEASE CONFIRM THE FOLLOWING INFORMATION

BUILDING POWER: **208 VOLTS A.C., 3 PHASE, 60 CYCLES** CONFIRMED

STARTING TYPE: **SOLID STATE STARTING**

CORRECTED: VOLTS: <VLT> PHASE: <PH> CYCLES: <CYC>

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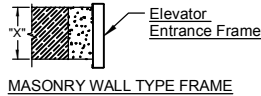
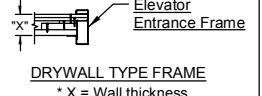
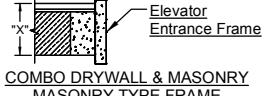
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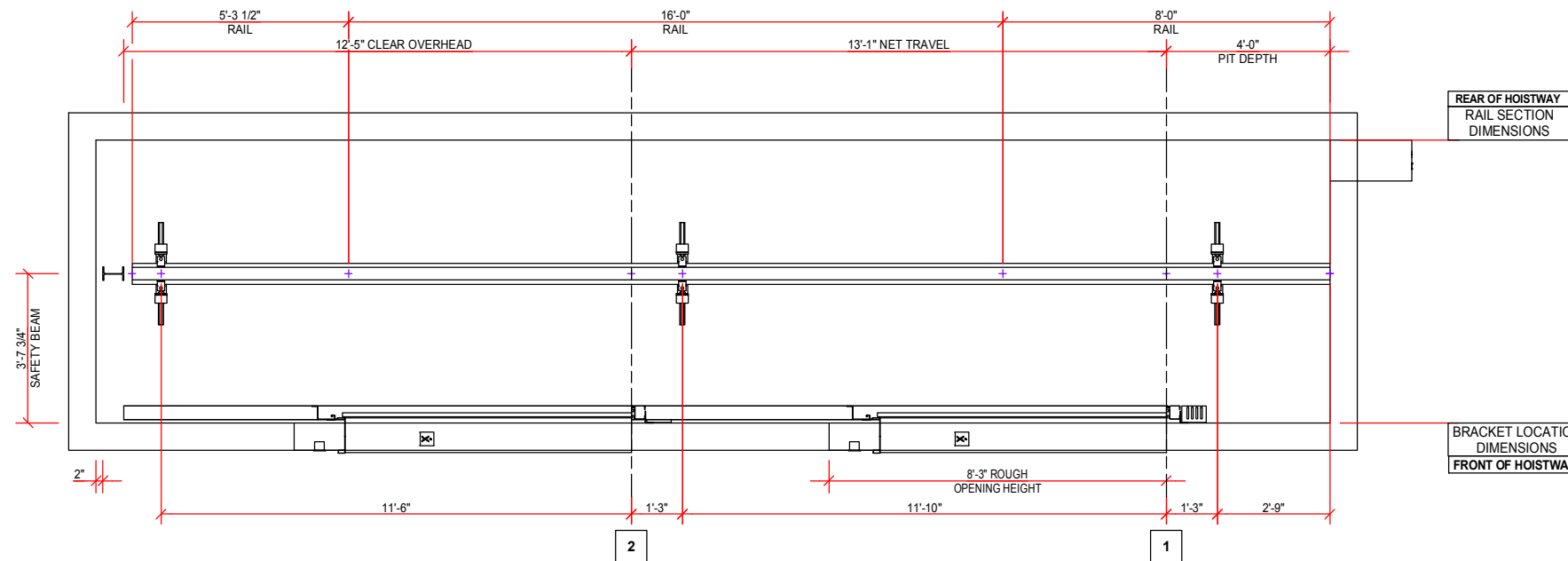
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IF A CUT STARTER RAIL IS CALLED FOR IN THE STACK, CONFIRM THE NUMBER OF SPLICES PRIOR TO CUTTING

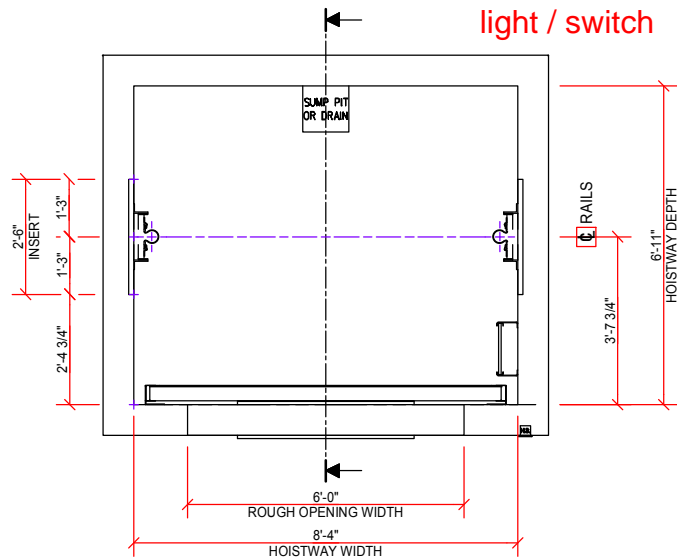


REAR OF HOISTWAY
RAIL SECTION
DIMENSIONS

BRACKET LOCATION
DIMENSIONS
FRONT OF HOISTWAY

elevator 1 circuit
for gfi

elevator 1 circuit for
light / switch



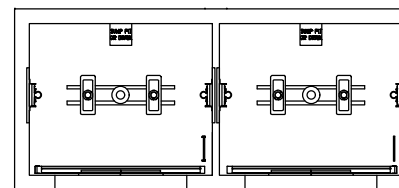
**RAIL STACK SECTION VIEW
FOR ELEVATOR: 1**

CAR RAIL LINE LENGTH QUANTITY (6) - PER CAR	
LENGTH	QUANTITY
8'-0"	2
16'-0"	2
5'-3 1/2"	2

FLOOR TO FLOOR TRAVEL	
FLOOR TO FLOOR	TRAVEL
1-2	13'-1"
NET TRAVEL	13'-1"

CAR RAIL LINE BRACKETS AND INSERT LOCATIONS - PER CAR	
LOCATION	DESCRIPTION
14'-11 1/2"	MAX. UNSUPPORTED RAIL BRACKET SPACING
11'-6"	ABOVE TOP FLOOR
1'-3"	BELOW 1-2

RAILS AND BRACKETS - TOTAL QUANTITY		
RAILS	(4) 16 FT	
SPLICES:	4	
BRACKETS	LEFT HAND	RIGHT HAND
QTY:	3	3
RAIL TO WALL:	2 3/4"	2 3/4"

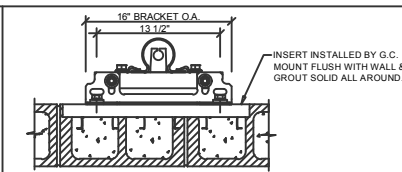
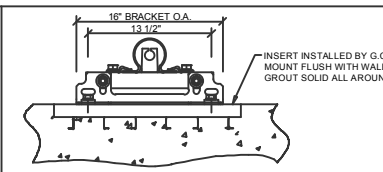
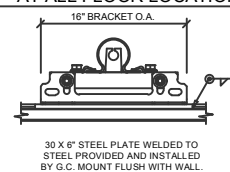
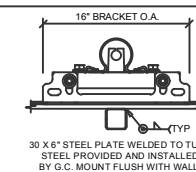
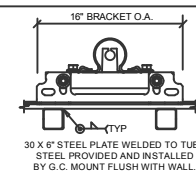
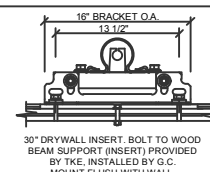


PIT KEY PLAN

"PLEASE REFERENCE ASME A17.1 (2.2.2) FOR SUMP PIT REQUIREMENTS"

WHERE DISTANCE BETWEEN FLOORS EXCEEDS THE MAXIMUM BRACKET SPAN, BRACKET SUPPORT MUST BE PROVIDED MIDWAY. BRACKET SUPPORT WILL NEED TO BE SUPPLIED BY OTHERS TO ALLOW FOR RAIL ATTACHMENT. INSIDE SUPPORT SHALL NOT BE RECESSED BEHIND WALL SYSTEM AND SHALL NOT BE PROUD BY MORE THAN 1/4" AT ANY POINT. COORDINATE WITH TK ELEVATOR SUPPORT/OPERATIONS MANAGER

**TYPICAL SURFACE
MOUNTING DETAILS**



AT ALL FLOOR LOCATIONS

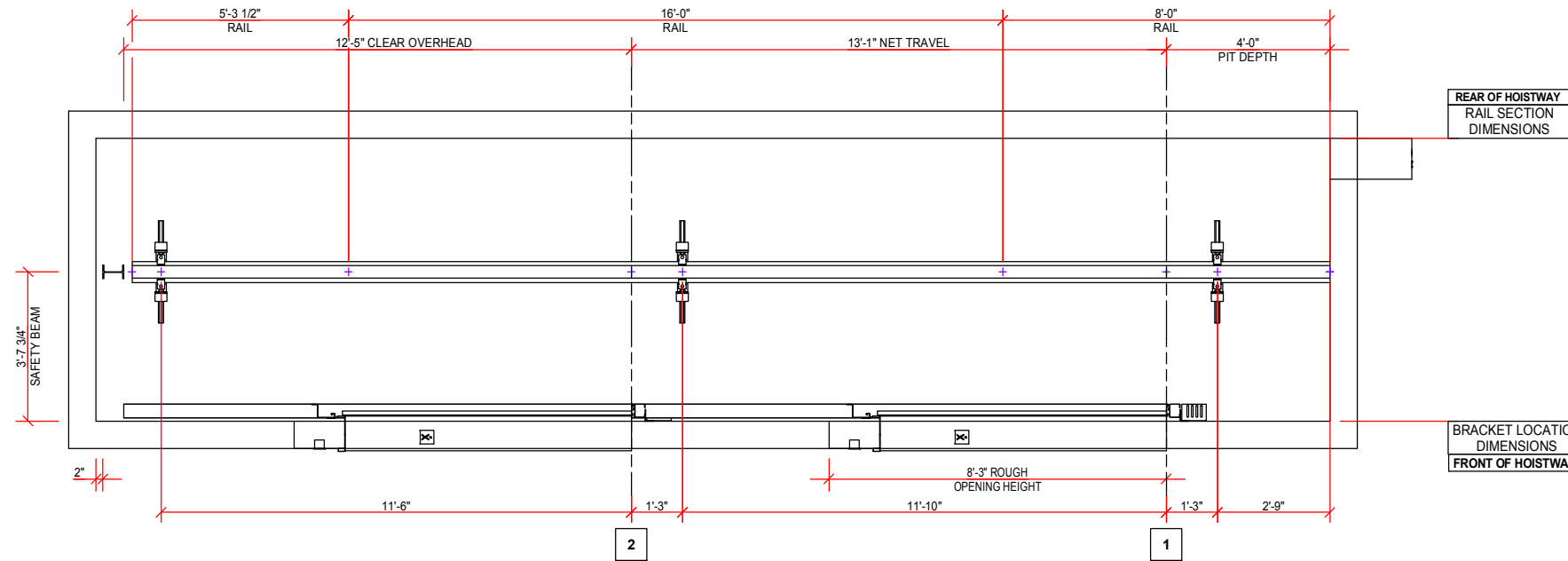
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FOR: LAYTON IHC CLINIC
ADDRESS: LAYTON
CITY: LAYTON, UT 84041

TK Elevator

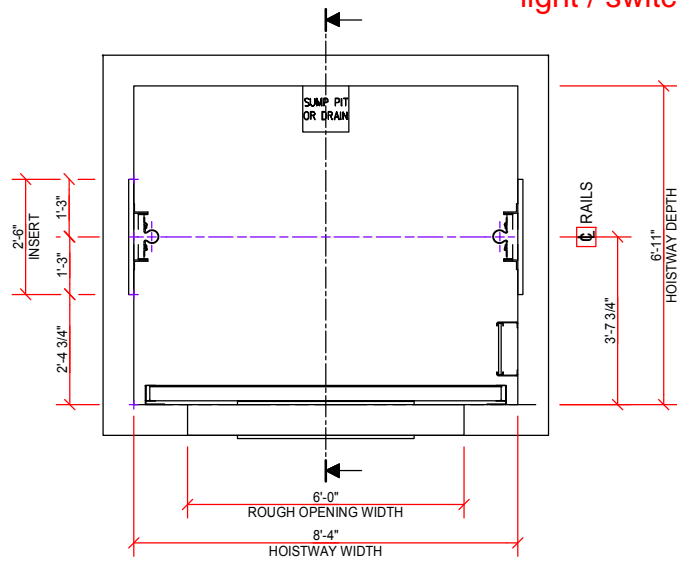
DRAWN	REV	JOB NUMBER	DATE	SHEET
BW	B	261-2247-01A, 261-2247-05A	12/22/2021	6 OF 11

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elevator 2 circuit
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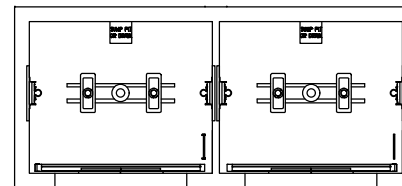
**RAIL STACK SECTION VIEW
FOR ELEVATOR: 2**

CAR RAIL LINE LENGTH QUANTITY (6) - PER CAR	
LENGTH	QUANTITY
8'-0"	2
16'-0"	2
5'-3 1/2"	2

FLOOR TO FLOOR TRAVEL	
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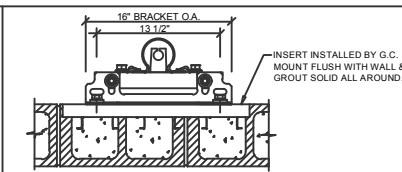
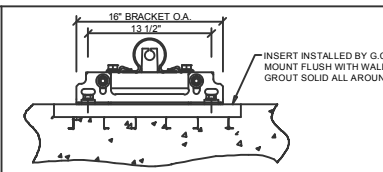
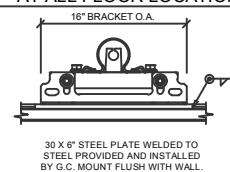
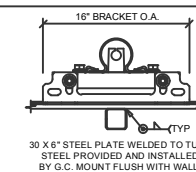
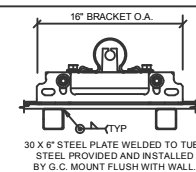
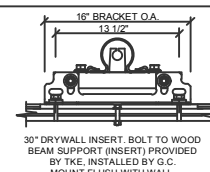


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**TYPICAL SURFACE
MOUNTING DETAILS**



AT ALL FLOOR LOCATIONS

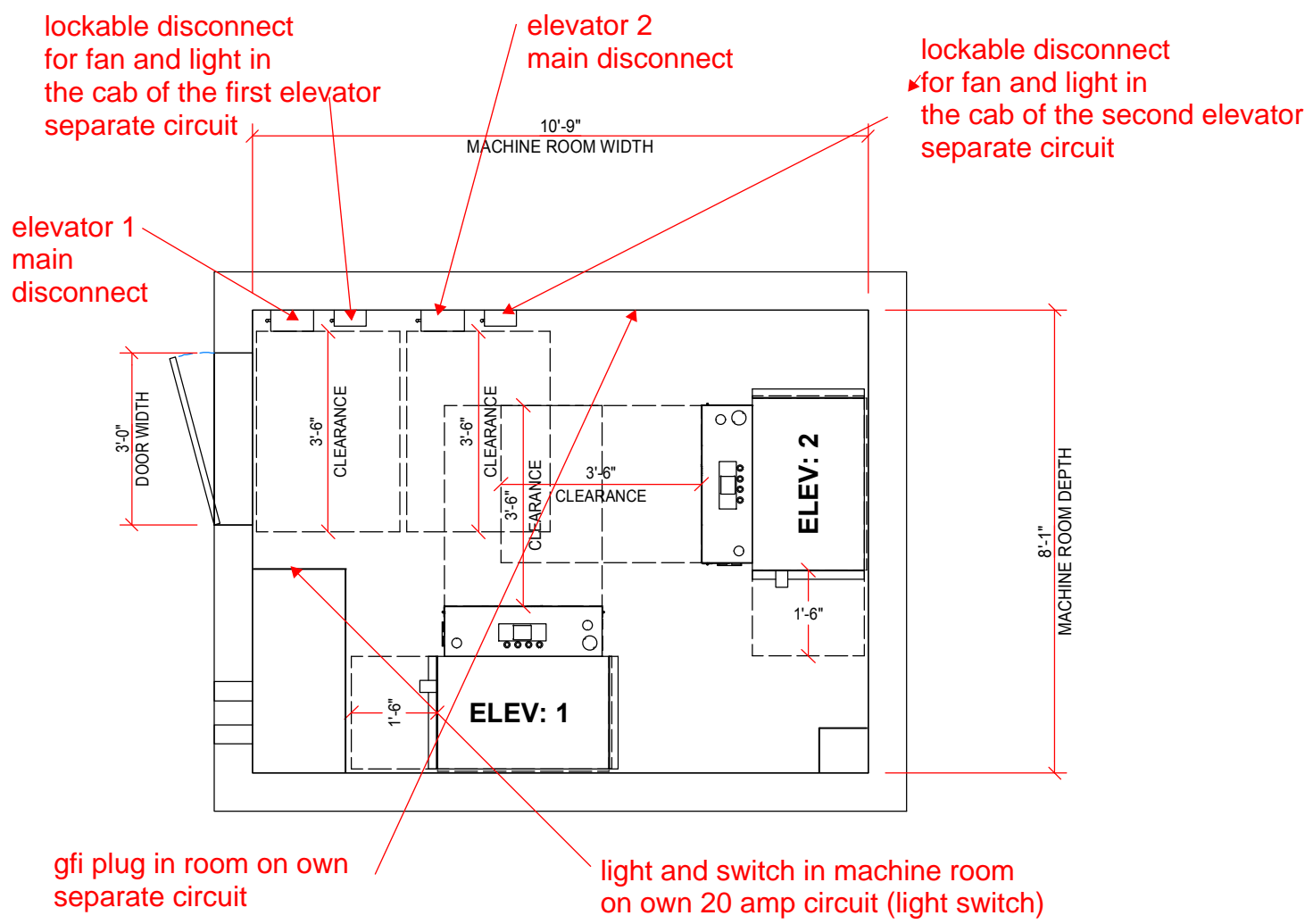
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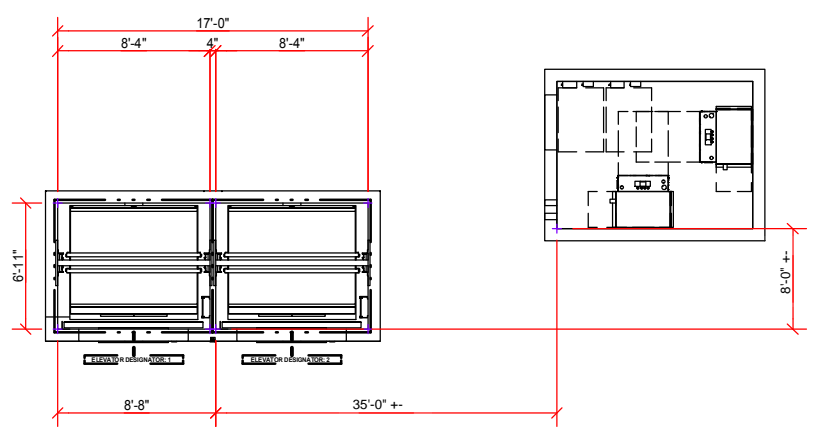
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POWER UNIT AND CONTROLLER INFORMATION								POWER FEEDER					
ELEVATOR DESIGNATOR	POWER UNIT WIDTH x DEPTH	TANK HEIGHT	OIL LINE HEIGHT	OIL LINE OUTLET	TANK WEIGHT WITH OIL	CONTROLLER HEIGHT	HYDRAULIC FLUID REQ.	POWER SUPPLY	HORSE POWER	STARTING A.C. AMPS	TOTAL FULL LOAD UP SPEED MOTOR A.C. AMPS	RATED A.C. AMPS	SHORT CIRCUIT CURRENT RATINGS (AT 600V OR LESS)
1	3'-3 3/4" X 2'-10"	3'-8 1/8"	3'-1 7/8"	2"	2,250	4'-5"	55	460	25	102	50	34.0	5,000 AMPS
2	3'-3 3/4" X 2'-10"	3'-8 1/8"	3'-1 7/8"	2"	2,250	4'-5"	55	208	25	236	114	78.7	5,000 AMPS



MACHINE ROOM PLAN VIEW
MINIMUM MACHINE ROOM CEILING HEIGHT = 7'-6"



REMOTE AT FLOOR 1
HEAT LOAD IN MACHINE ROOM DUE TO ELEVATOR EQUIPMENT = 26316 BTU/HR

BY OTHERS
THE FOLLOWING CONDITIONS MUST BE MET BEFORE INSTALLATION IS COMPLETED AND ARE NOT INCLUDED IN THE ELEVATOR CONTRACT

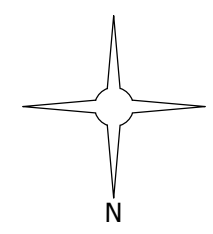
- ELECTRICAL DATA**
- BASED ON THIS INFORMATION, WE REQUIRE ELECTRICAL FEEDERS AND FUSED DISCONNECTS SIZED PER THE FOLLOWING INFORMATION LISTED IN THE POWER FEEDER TABLE.
 - GENERAL CONTRACTOR MUST FORWARD POWER REQUIREMENTS TO THE ELECTRICAL CONTRACTOR.
NOTE: ALSO, A FOURTH WIRE OF SAME SIZE AS THREE PHASE WIRES IS REQUIRED FOR GROUNDING PURPOSES TO MINIMIZE ELECTRICAL NOISE INTERFERENCE. THE GROUNDING WIRE MUST BE CONNECTED TO THE BUILDING ELECTRICAL SYSTEM GROUND.
 - A MEANS TO AUTOMATICALLY DISCONNECT THE MAIN LINE PER POWER SUPPLY TO THE ELEVATOR PRIOR TO THE APPLICATION OF WATER IN THE ELEVATOR HOISTWAY WILL BE FURNISHED BY THE ELECTRICAL CONTRACTOR THIS MEANS SHALL NOT BE SELF RESETTING.
 - DEDICATED 120 VOLT, 15 AMP SERVICE, ALONG WITH TELEPHONE CIRCUIT WHEN REQUIRED TO TERMINALS OF EACH REQUIRED CONTROLLER (AS LOCATED ON PLAN VIEW) FOR THE FOLLOWING:
- CAR LIGHT AND ALARM CIRCUIT WITH GFCI PROTECTION PER NEC.
- GROUP CONTROL WHEN REQUIRED.
NOTE: IF STANDBY POWER IS SUPPLIED TO ELEVATOR, CAR LIGHT AND ALARM CIRCUIT AND GROUP CONTROL SERVICE MUST BE STANDBY POWER BACKED.
 - PIPING WITH PULL STRING FROM HOISTWAY TO ELEVATOR MONITORING PANELS BY OTHERS.
 - PROVIDE A TRANSFER SWITCH CONTACT THAT IS CLOSED WHEN NORMAL POWER IS PRESENT AND IS OPEN ON EMERGENCY POWER.
 - PROVIDE A POWER TRANSFER WARNING CONTACT THAT CLOSSES 20 SECONDS PRIOR TO TRANSFER IN EITHER DIRECTION AND IT OPENS WHEN TRANSFER IS COMPLETE.
 - TOTAL FULL LOAD UP SPEED AMPS IS BASED ON 100% OF ELEVATOR CAPACITY, THE VALUE NEEDED FOR EMERGENCY POWER SIZING.
 - THE HYDRAULIC MOTORS ARE RATED FOR INTERMITTENT DUTY (SEC. 620-13 AND 430-33). BRANCH CIRCUIT CONDUCTORS CAN BE SIZED FOR AN AMPACITY 90% OF THE MOTORS NAMEPLATE RATING AS DETERMINED BY (SEC. 430-22 [E]).
 - LIGHT SWITCH, LIGHTING AND CONVENIENCE OUTLET WITH GFCI PROTECTION PER ASME/CSA B44.
 - AN ENCLOSED MACHINE AREA (ACCORDING TO CODE) WITH ADEQUATE LIGHT, HEAT AND VENTILATION (MIN. 50°F., MAX. 90°F. WITH NON-CONDENSING HUMIDITY OF 10-90%) AND SEALED CONCRETE FLOOR SLAB SURFACE.
NOTE: MUST PROVIDE ADEQUATE DOOR SIZE TO ALLOW INSTALLATION OF EQUIPMENT, OR LEAVE WALL OUT UNTIL EQUIPMENT IS IN PLACE.

- ADA PHONE PROVIDED**
- PRIMARY FIRE SERVICE LOCATED AT FLOOR: 1
 - ALTERNATE FIRE SERVICE LOCATION AT FLOOR: ..

GENERAL DATA

HEAT LOAD IS BASED ON CAR LOADED AT 40% CAPACITY RUNNING AT AN AVERAGE 35% DUTY CYCLE.

ELEV.	OIL LINE SIZE NOTE
1	2" OIL LINE FROM TANK TO 2" SHUTOFF VALVE. 2" SCH 40 BLACK PIPE, ASTM A-53, TYPE (E) OR (S), GRADE (B) OR EQUIVALENT TO JACK
2	2" OIL LINE FROM TANK TO 2" SHUTOFF VALVE. 2" SCH 40 BLACK PIPE, ASTM A-53, TYPE (E) OR (S), GRADE (B) OR EQUIVALENT TO JACK



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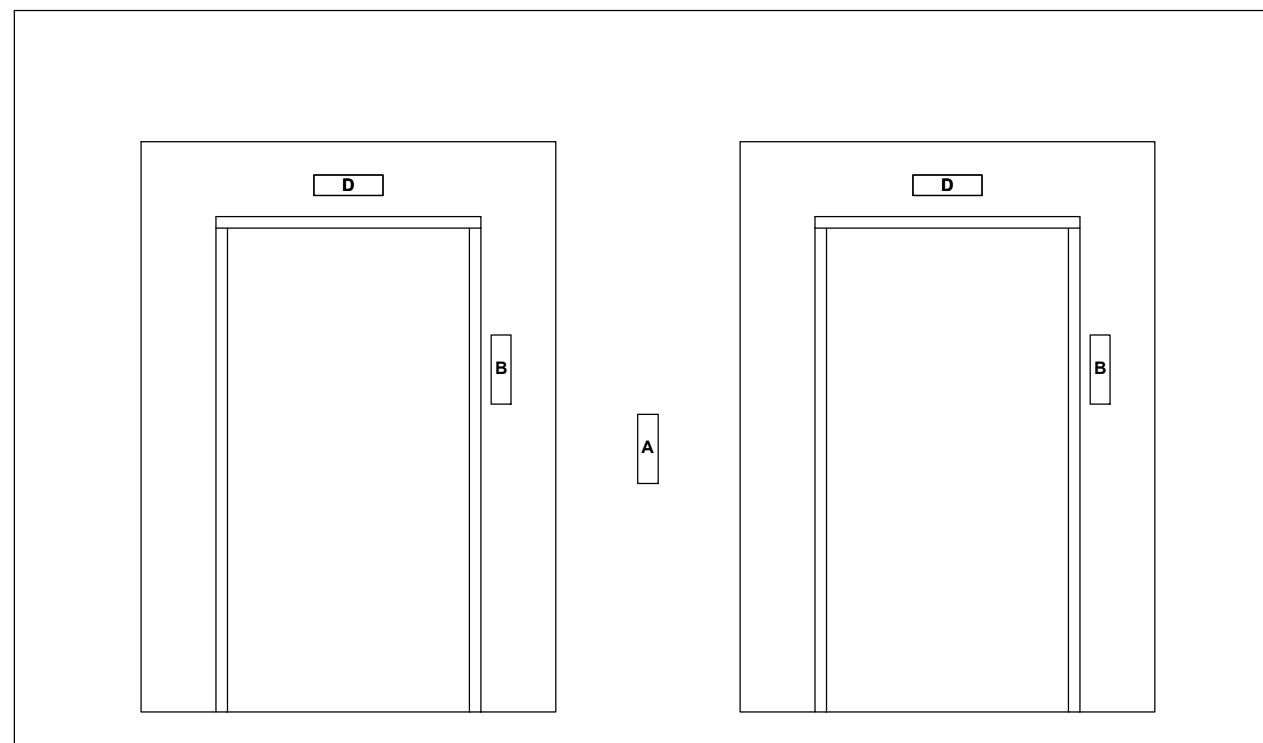
FOR: LAYTON IHC CLINIC
ADDRESS: LAYTON
CITY: LAYTON, UT 84041

TK Elevator

DRAWN	REV	JOB NUMBER	DATE	SHEET
BW	C	261-2247-01A, 261-2247-05A	12/22/2021	8 OF 11

HALL FIXTURES ARE FOR REPRESENTATION ONLY. FOR ACTUAL LOCATION OF POCKETS FOR HALL FIXTURES, CONTACT ELEVATOR CONTRACTOR.

FRONT HALL FIXTURES		
ITEM	DESCRIPTION	FLOOR
A	HALL STATION	TYPICAL
B	SEPARATE HALL STATION	1
D	HORIZONTAL HALL LANTERN	TYPICAL



FRONT ENTRANCE KEYPLAN

AT FLOOR: 1

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FOR: LAYTON IHC CLINIC
 ADDRESS: LAYTON
 CITY: LAYTON, UT 84041

TK Elevator

DRAWN	REV	JOB NUMBER	DATE	SHEET
BW	B	261-2247-01A, 261-2247-05A	12/22/2021	9 OF 11

PLEASE REFERENCE THE RAIL STACK SHEET OF THIS PACKAGE FOR BUILDING LANDING MATRIX

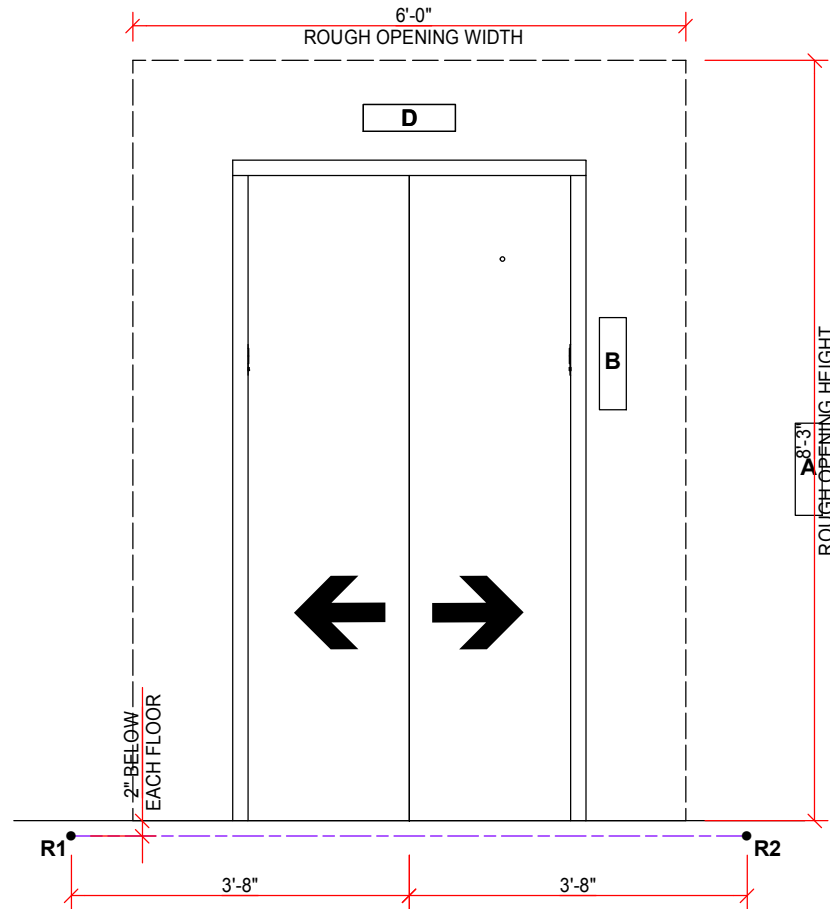
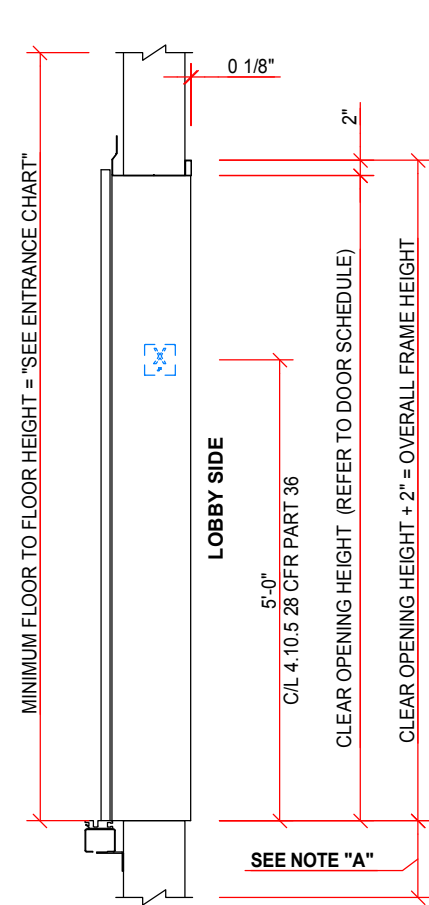
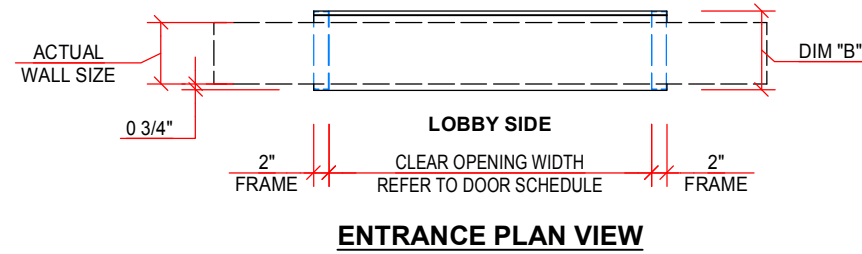
ELEVATOR: 1		FRONT ENTRANCE SCHEDULE		
FLOOR	ENTRANCE DIMS.	WALL TYPE	WALL SIZE	
			ACTUAL	OA. FRAME "B" DIM.
2	7'-0" H X 3'-6" W	TBD	TBD	TBD
1	7'-0" H X 3'-6" W	TBD	TBD	TBD

FOR ELEVATOR(S): 1 ,2

TOTAL WEIGHT	ELEVATOR 1	ELEVATOR
CAB AND HALL DOORS	402 LBS	

FEATURES OF YOUR ENTRANCES		
FEATURES	FINISH	LOCATION
DOOR OPEN STRUT BUMPERS:	PROVIDED	@1,2
KICKPLATES:	---	@1,2
BINDERS:	---	@1,2
SILL FINISH:	ALUMINUM	@1,2

FEATURES OF ENTRANCES	DATA
SILL MAXIMUM WHEEL LOADS	625 LBS
KEYHOLES TO BE	INCLUDED
THIS FRAME HAS A WARNOCK HERSEY LABEL OF	2 HOURS
DUST COVERS	NOT INCLUDED



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FRONT ENTRANCE HALL FIXTURES		
ITEM	DESCRIPTION	FLOOR
A	HALL STATION	TYPICAL
B	SEPARATE HOISTWAY ACCESS	@1-2
D	HORIZONTAL PI / HALL LANTERN	@1-2

NOTES:
 GENERAL CONTRACTOR RESPONSIBLE FOR HOISTWAY REINFORCING AT FLOOR SLAB BEFORE INSTALLATION OF ENTRANCE FRAMES. MINIMUM OF 4" HIGH X 8" WIDE REINFORCED CONCRETE, REINFORCED OF OPENING REQUIRED FOR ANCHORING SILL SUPPORT ASSEMBLY, REINFORCING TO BE LOCATED WITH RESPECT TO REACTION POINTS, REFERENCE INSTALLATION DRAWINGS ARE AVAILABLE UPON REQUEST.

REACTIONS (LBS.) DUE TO LOADS ON DOOR PANELS, APPROX. HORIZONTAL LOADS AND LOCATION TO BUILDINGS SHOWN PER ASME A17.1 PART II, THE SPECIFIED LOADS ARE CONSIDERED IMPACTED.

NOTE "A":
 8" MINIMUM STRUCTURAL SUPPORT FOR SILL INSTALLATION

ENTRANCE CHART	
M721 ENTRANCE:	
CENTER OPENING AND 1 SPEED = FRAME OPENING + 1'-3"	
2 SPEED = FRAME OPENING + 1'-5"	

R2	314	510
R1	510	314
	CASE 1	CASE 2
DOOR REACTION		

ENTRANCE LEFT SIDE VIEW

ENTRANCE TYPE : M721
 FOR ELEVATOR 1

ENTRANCE ELEVATION VIEW AT TYPICAL FLOOR

1 SPEED
 CENTER HAND FRONT ENTRANCE
 FOR ELEVATOR 1

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FOR: LAYTON IHC CLINIC
 ADDRESS: LAYTON
 CITY: LAYTON, UT 84041

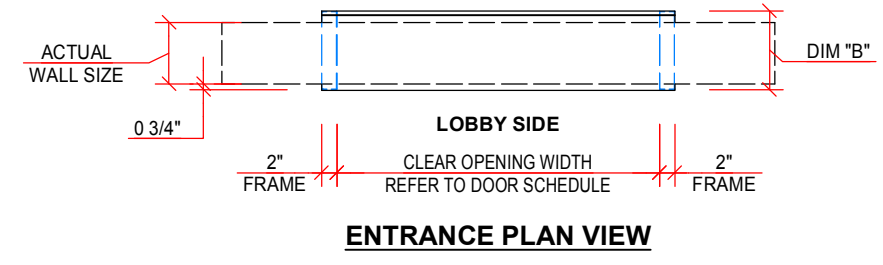
TK Elevator

DRAWN	REV	JOB NUMBER	DATE	SHEET
BW	B	261-2247-01A, 261-2247-05A	12/22/2021	10 OF 11

PLEASE REFERENCE THE RAIL STACK SHEET OF THIS PACKAGE FOR BUILDING LANDING MATRIX

ELEVATOR: 2		FRONT ENTRANCE SCHEDULE		
FLOOR	ENTRANCE DIMS.	WALL TYPE	WALL SIZE	
			ACTUAL	OA. FRAME "B" DIM.
2	7'-0" H X 3'-6" W	TBD	TBD	TBD
1	7'-0" H X 3'-6" W	TBD	TBD	TBD

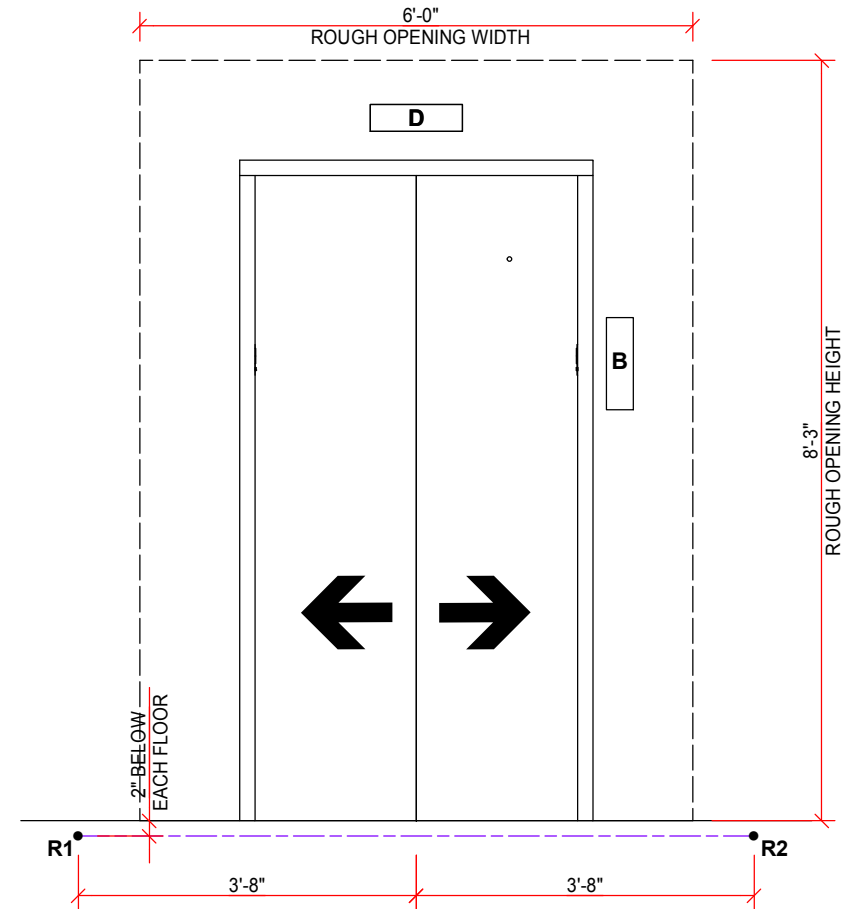
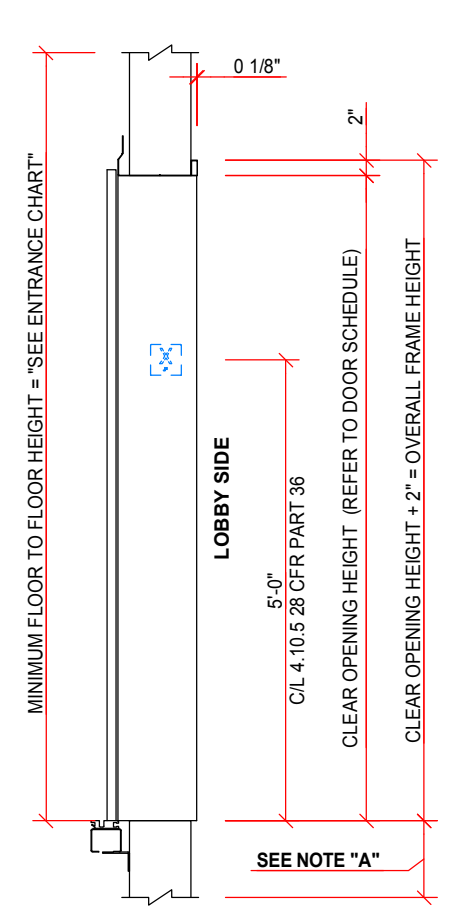
FOR ELEVATOR(S): 1 ,2



TOTAL WEIGHT	ELEVATOR 2	ELEVATOR
CAB AND HALL DOORS	402 LBS	

FEATURES OF YOUR ENTRANCES		
FEATURES	FINISH	LOCATION
DOOR OPEN STRUT BUMPERS:	PROVIDED	@1,2
KICKPLATES:	---	@1,2
BINDERS:	---	@1,2
SILL FINISH:	ALUMINUM	@1,2

FEATURES OF ENTRANCES	DATA
SILL MAXIMUM WHEEL LOADS	625 LBS
KEYHOLES TO BE	INCLUDED
THIS FRAME HAS A WARNOCK HERSEY LABEL OF	2 HOURS
DUST COVERS	NOT INCLUDED



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FRONT ENTRANCE HALL FIXTURES		
ITEM	DESCRIPTION	FLOOR
B	SEPARATE HOISTWAY ACCESS	@1-2
D	HORIZONTAL PI / HALL LANTERN	@1-2

NOTES:
 GENERAL CONTRACTOR RESPONSIBLE FOR HOISTWAY REINFORCING AT FLOOR SLAB BEFORE INSTALLATION OF ENTRANCE FRAMES. MINIMUM OF 4" HIGH X 8" WIDE REINFORCED CONCRETE, REINFORCED OF OPENING REQUIRED FOR ANCHORING SILL SUPPORT ASSEMBLY, REINFORCING TO BE LOCATED WITH RESPECT TO REACTION POINTS, REFERENCE INSTALLATION DRAWINGS ARE AVAILABLE UPON REQUEST.

REACTIONS (LBS.) DUE TO LOADS ON DOOR PANELS, APPROX. HORIZONTAL LOADS AND LOCATION TO BUILDINGS SHOWN PER ASME A17.1 PART II, THE SPECIFIED LOADS ARE CONSIDERED IMPACTED.

NOTE "A":
 8" MINIMUM STRUCTURAL SUPPORT FOR SILL INSTALLATION

ENTRANCE CHART	
M721 ENTRANCE:	
CENTER OPENING AND 1 SPEED = FRAME OPENING + 1'-3"	
2 SPEED = FRAME OPENING + 1'-5"	

R2	314	510
R1	510	314
	CASE 1	CASE 2
DOOR REACTION		

ENTRANCE LEFT SIDE VIEW

ENTRANCE TYPE : M721 FOR ELEVATOR 1

ENTRANCE ELEVATION VIEW AT TYPICAL FLOOR

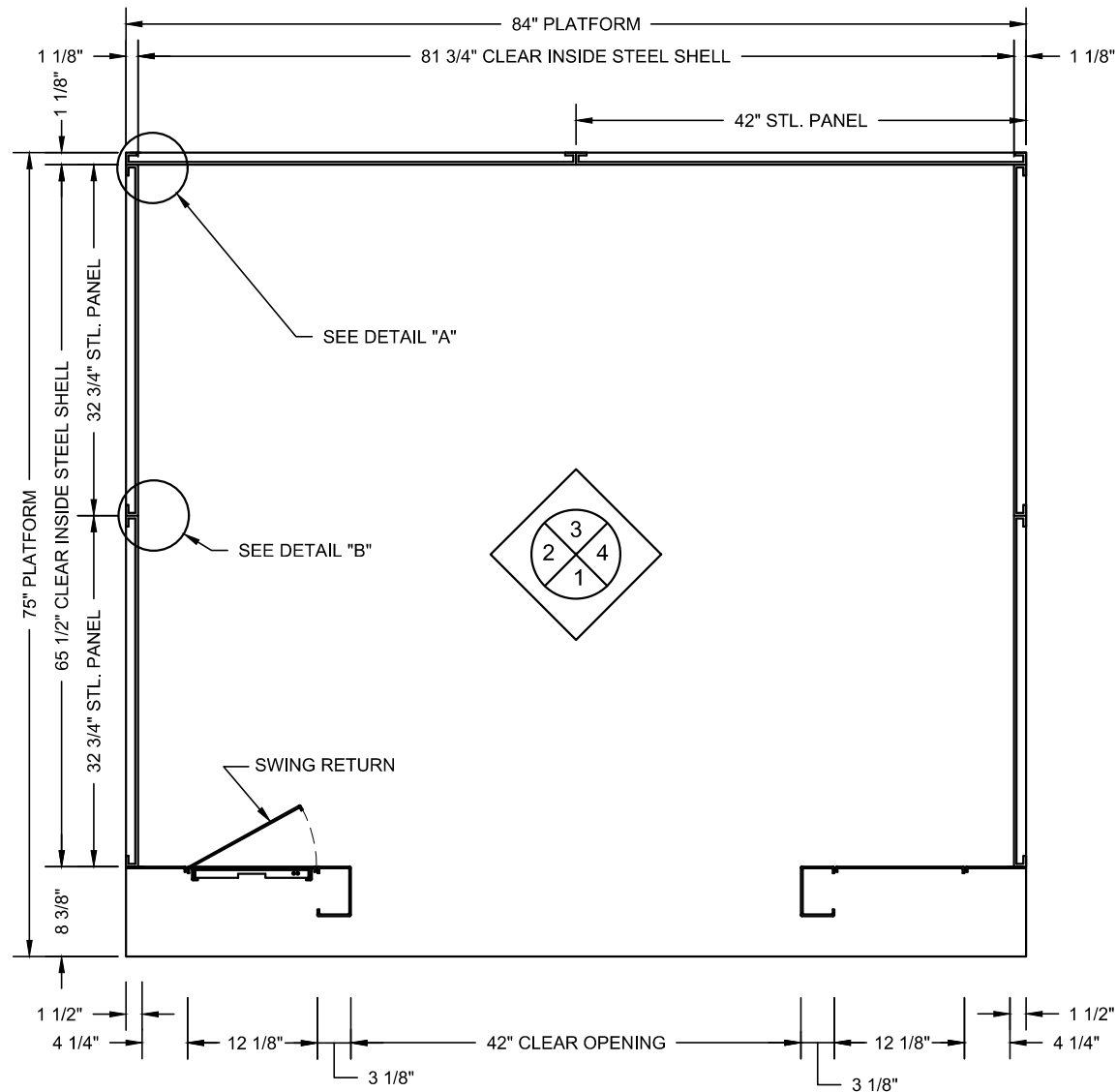
1 SPEED CENTER HAND FRONT ENTRANCE FOR ELEVATOR 2

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FOR: LAYTON IHC CLINIC
 ADDRESS: LAYTON
 CITY: LAYTON, UT 84041

TK Elevator

DRAWN	REV	JOB NUMBER	DATE	SHEET
BW	B	261-2247-01A, 261-2247-05A	12/22/2021	11 OF 11



**STEEL CAB DESIGN WITH PANELS BY OTHERS
ONE SPEED CENTER OPENING DOOR AT FRONT**

NOTES

CAB WALLS
16 GAUGE STEEL SHELL WITH PANELS BY OTHERS WITH F-400 PRIME FINISH.
SOUND DEADENING SHEETS TO BE PROVIDED.

CAB TOP
14 GAUGE STEEL TOP, REINFORCED TO COMPLY WITH ASME A17.1
CODE. THE EXTERIOR IS PRIMED AND THE INTERIOR IS PAINTED
PC AS SELECTED.
RAILING TO BE PROVIDED PER ASME CODE A17.1.

LIGHTING
RECESSED LIGHT FIXTURE.

FRONT RETURN AND TRANSOM
COLUMN TYPE SWING.
STAINLESS STEEL W/ #4 BRUSH FINISH

CAB DOORS
HOLLOW METAL REINFORCED AND DRILLED
FOR DOOR OPERATOR. INTERIOR IS
STAINLESS STEEL W/ #4 BRUSH FINISH.

FAN
TWO SPEED EXHAUST.

EMERGENCY EXIT
TOP EMERGENCY EXIT PROVIDED WITH CARTOP EXIT SWITCH.

CAB SILL
EXTRUDED ALUMINUM.

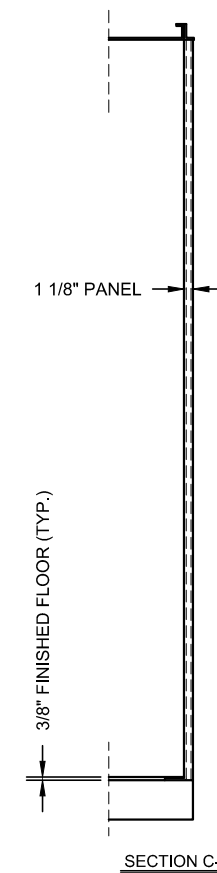
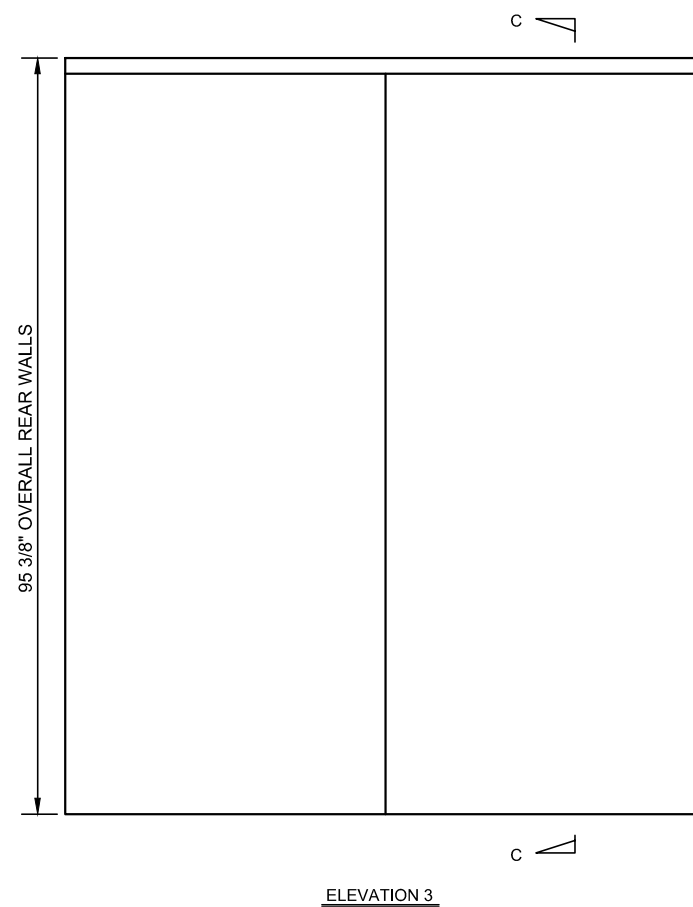
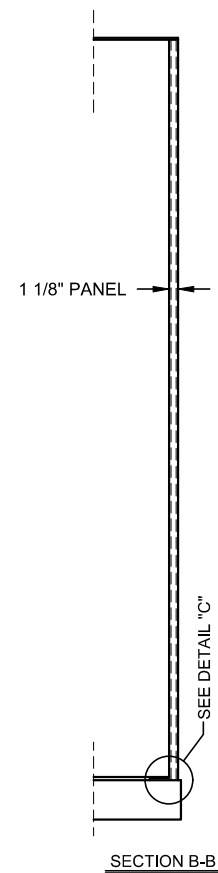
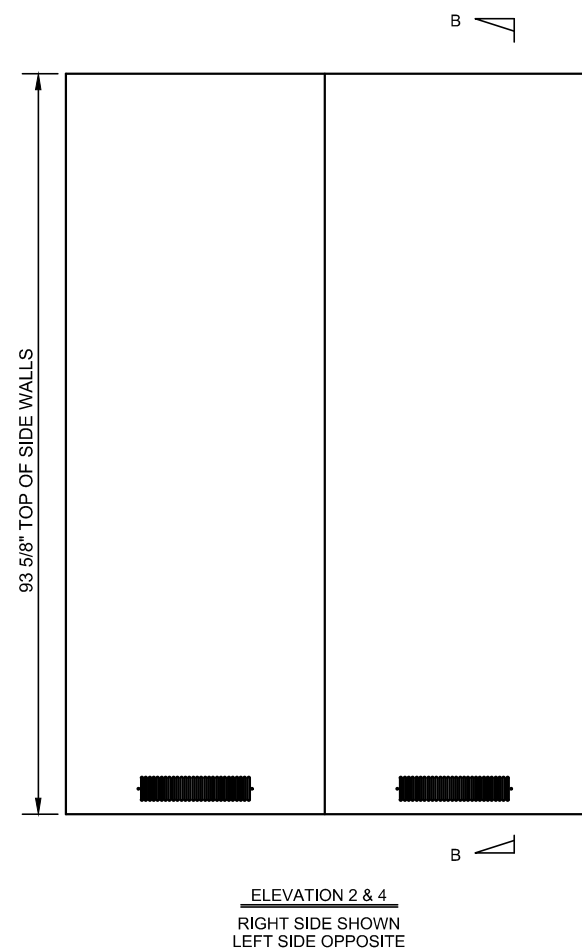
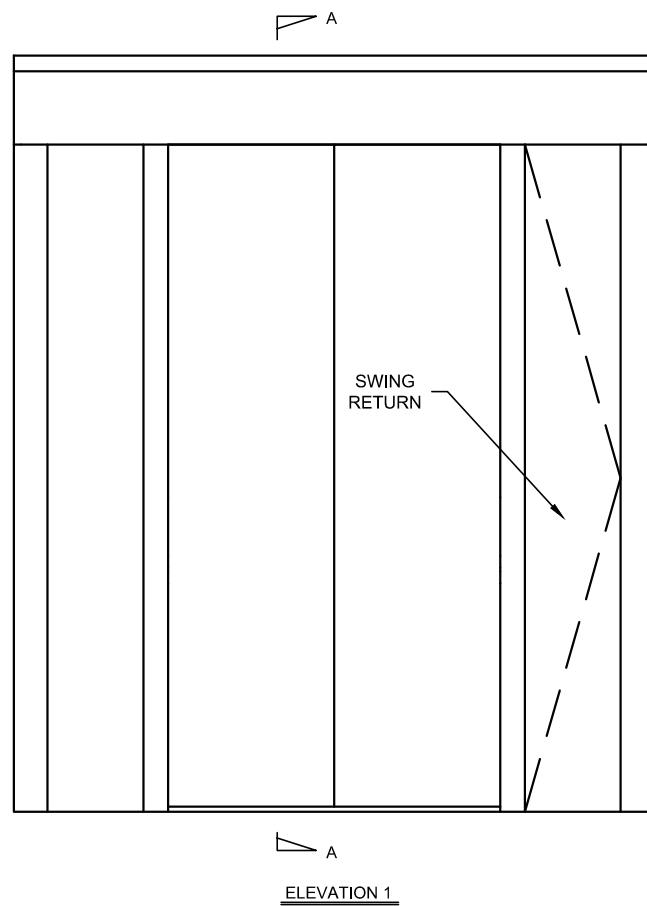
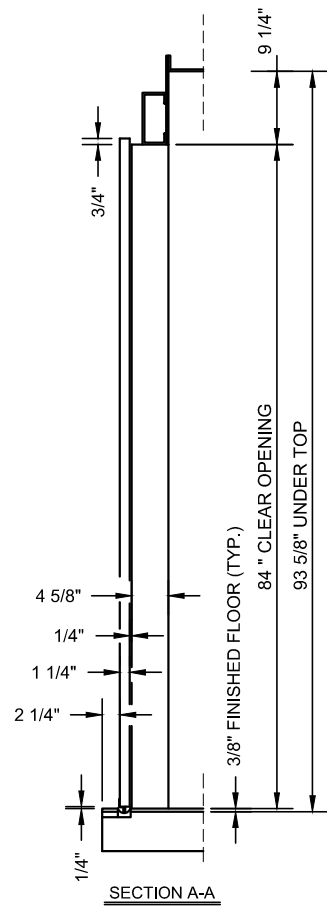
CAB FLOORING
FLOORING BY OTHERS.

NOTE:
ELEV. 1 & 2 ARE BOTH CENTER OPENING.

GRAIN TO RUN THE LENGTH
OF THE PART UNLESS OTHERWISE NOTED

DATE	SYM.	REVISION	BY			
DESIGNED PER ASME A17.1		DO NOT SCALE THIS DRAWING				
FOR: LAYTON IHC CLINIC		ELEV # 1 & 2				
ADDRESS: LAYTON						
CITY: LAYTON, UT 84041						
ARCHITECT: HKS INC.						
GENERAL CONTRACTOR: INTERMOUNTAIN HEALTHCARE						
ELEVATOR CONTRACTOR: THYSSENKRUPP ELEVATOR COMPANY SALT LAKE CITY, UT						
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Field 261-2247-01A						
TKE						
CAB						
DWN	DATE	BRANCH	JOB NUMBER	DRAWING NO.	REV.	SHEET NO.
SF	11/23/21	SF	261-2247-01A/05A	261-2247-01A/05A	(A)	1 OF 4

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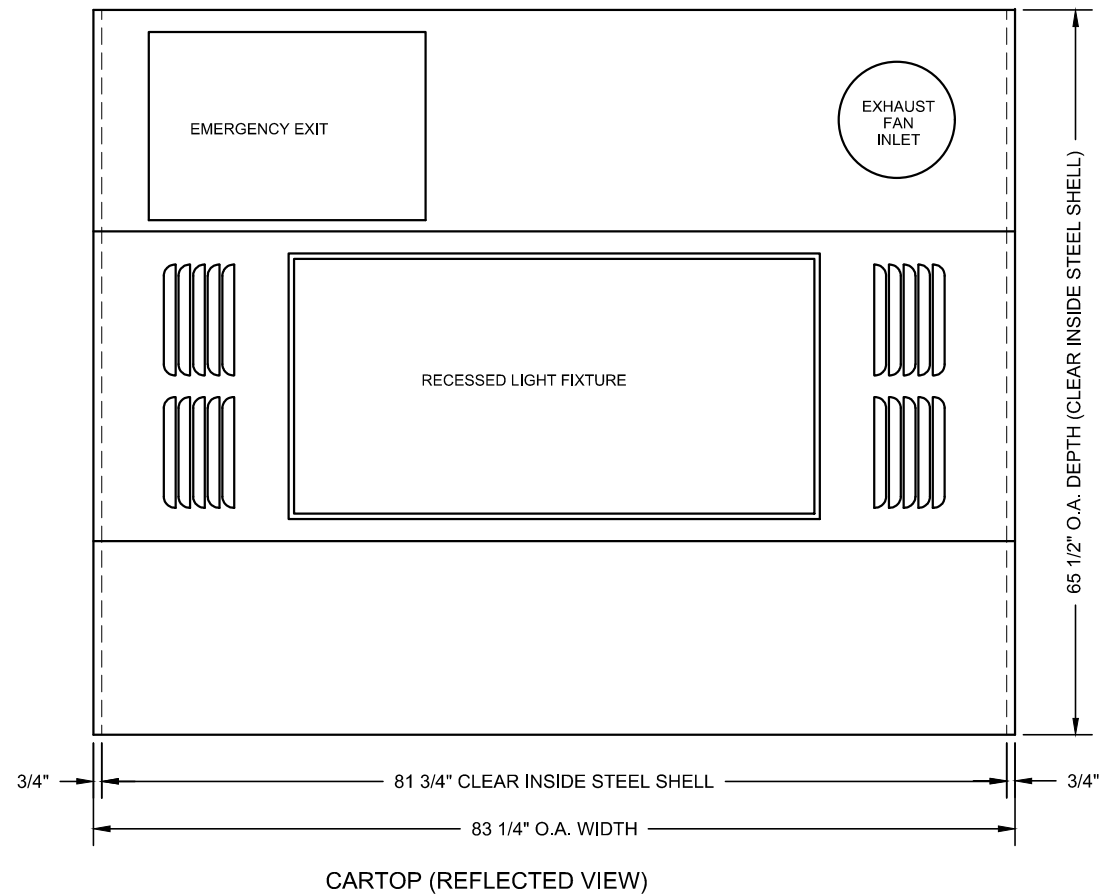
GRAIN TO RUN THE LENGTH OF THE PART UNLESS OTHERWISE NOTED

VENTILATION AS REQUIRED PER ASME A17.1 CODE
(SEE DETAIL F)

DATE	SYM.	REVISION	BY
DESIGNED PER ASME A17.1		DO NOT SCALE THIS DRAWING	
FOR: LAYTON IHC CLINIC			ELEV # 1 & 2
ADDRESS: LAYTON			
CITY: LAYTON, UT 84041			
ARCHITECT: HKS INC.			
GENERAL CONTRACTOR: INTERMOUNTAIN HEALTHCARE			
ELEVATOR CONTRACTOR: THYSSENKRUPP ELEVATOR COMPANY SALT LAKE CITY, UT			

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Field 261-2247-01A			TKE			
CAB						
DWN	DATE	BRANCH	JOB NUMBER	DRAWING NO.	REV	SHEET NO.
SF	11/23/21	SF	261-2247-01A/05A	261-2247-01A/05A	(A)	2 OF 4

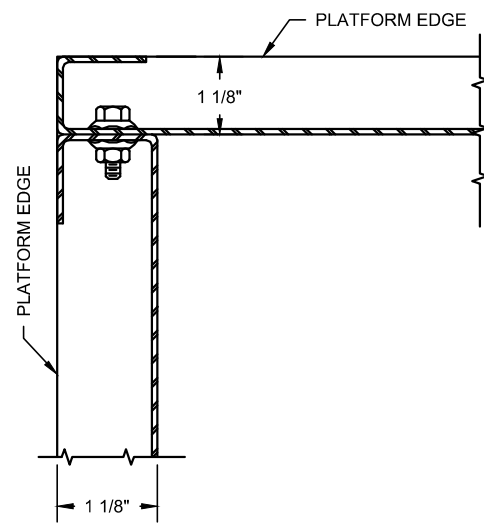


GRAIN TO RUN THE LENGTH OF THE PART UNLESS OTHERWISE NOTED

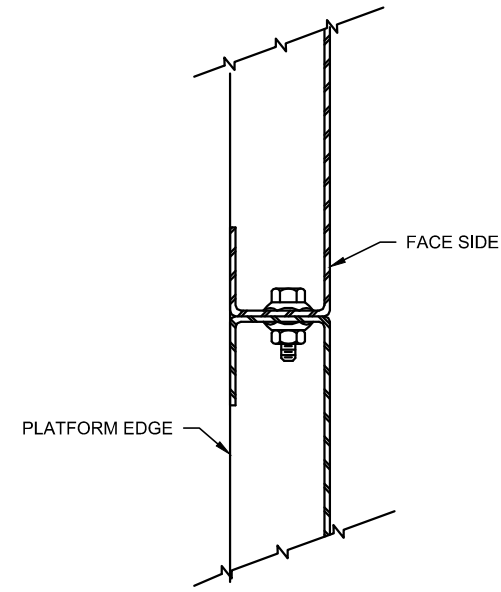
DATE	SYM.	REVISION	BY
DESIGNED PER ASME A17.1		DO NOT SCALE THIS DRAWING	
FOR: LAYTON IHC CLINIC		ELEV # 1 & 2	
ADDRESS: LAYTON			
CITY: LAYTON, UT 84041			
ARCHITECT: HKS INC.			
GENERAL CONTRACTOR: INTERMOUNTAIN HEALTHCARE			
ELEVATOR CONTRACTOR: THYSSENKRUPP ELEVATOR COMPANY SALT LAKE CITY, UT			
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Field 261-2247-01A			

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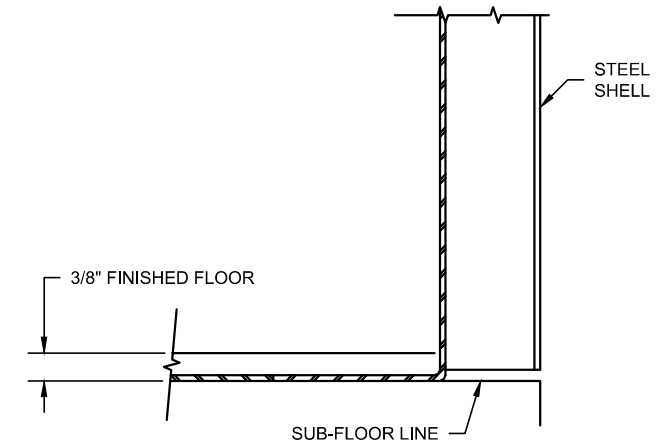
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SF	11/23/21	SF	261-2247-01A/05A	261-2247-01A/05A	(A)	3 OF 4



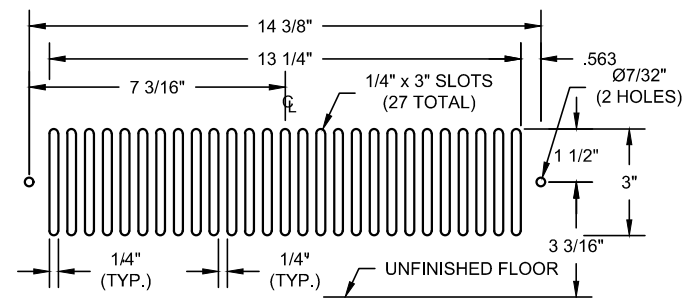
DETAIL "A"
(TYP. CORNER)



DETAIL "B"
(TYP. PANEL JOINT)



DETAIL "C"
(TYP. FLOOR MTG. DETAIL)



DETAIL "F"
(TYP. VENT DETAIL)

REVISED

DATE	SYM.	REVISION	BY			
DESIGNED PER ASME A17.1		DO NOT SCALE THIS DRAWING				
FOR: LAYTON IHC CLINIC			ELEV # 1 & 2			
ADDRESS: LAYTON						
CITY: LAYTON, UT 84041						
ARCHITECT: HKS INC.						
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ELEVATOR CONTRACTOR: THYSSENKRUPP ELEVATOR COMPANY SALT LAKE CITY, UT						
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Field 261-2247-01A						
TKE						
CAB						
DWN	DATE	BRANCH	JOB NUMBER	DRAWING NO.	REV.	SHEET NO.
SF	11/23/21	SF	261-2247-01A/05A	261-2247-01A/05A	(A)	4 OF 4

HALL STATIONS

FACEPLATE

TYPE: VERTICAL
 FINISH: 11 GAUGE STAINLESS STEEL W/ #4 BRUSH FINISH
 MTG. HARDWARE: SPANNER HEAD SCREWS
 KEYSWITCH FINISH: CHROME

CUTOUT MOUNTING DATA - HALL STATIONS

FACEPLATE: 7" (177.80mm)W x 14" (355.60mm)H WITH
 MTG. HARDWARE: 5" (127.00mm)W x 12 1/8" (307.98mm)H O.C.
 BOX: 6 1/16" (153.99mm)W x 13" (330.20mm)H X 2 1/2" (63.50mm)D
 CUTOUT: 6 3/16" (157.16mm)W x 13 1/8" (333.38mm)H

CUTOUT MOUNTING DATA - HALL STATIONS

FACEPLATE: 3 1/2" (88.90mm)W x 13" (330.20mm)H WITH
 MTG. HARDWARE AT 11 3/16" (284.16mm) O.C.
 BOX: 2 3/4" (69.85mm)W x 12" (304.80mm)H X 2 1/2" (63.50mm)D
 CUTOUT: 2 7/8" (73.03mm)W x 12 1/8" (307.98mm)H

KEYSWITCHES

1 3/8" DIA. BLACK BEZEL WITH WHITE
 LETTERING. (SPRING RETURN)

CUTOUT MOUNTING DATA - FIRE KEY BOX

FACEPLATE: 10" (254.00mm)W x 11" (279.40mm)H WITH
 MTG. HARDWARE: 8 1/16" (204.80mm)W x 9 1/16" (230.20mm)H O.C.
 BOX: 9 1/8" (231.78mm)W x 9 3/4" (247.65mm)H X 4" (101.60mm)D
 CUTOUT: 9 1/4" (234.95mm)W x 9 7/8" (250.83mm)H

GRAPHICS

1/4" HIGH, COLORED RED.

JAMB MOUNTED

MOUNTED IN THE HOISTWAY ENTRANCE JAMB.
 MEETS SPECS FOR AN INCONSPICUOUS UNIT.
 LOCK AND BEZEL ARE VISIBLE. SERVICED FROM
 THE ENTRANCE SIDE.

FIRE SERVICE - 2016

1 3/8" DIA. RED BEZEL WITH WHITE LETTERING.
 KEY IS REMOVABLE IN "OFF" & "ON" POSITIONS.
 KEY IS NOT REMOVABLE IN "RESET" POSITION.
 1 3/8" DIA. BEZEL, 1" DIA. BLACK JEWEL, AND
 1 1/4" DIA. HALO. HALO AND FIRE HAT
 ILLUMINATE RED.

METAL BUTTONS - V9 / V10 EXTENDED - BLUE LED

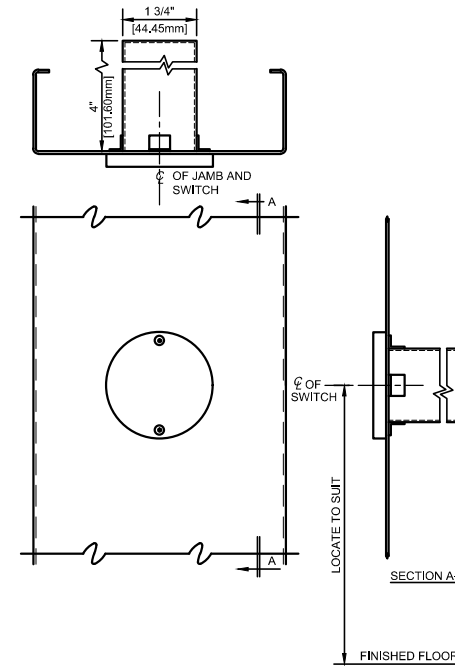
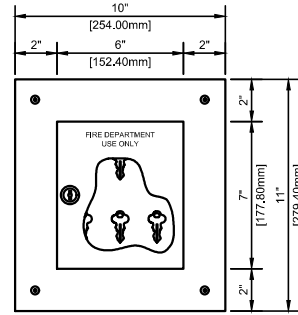
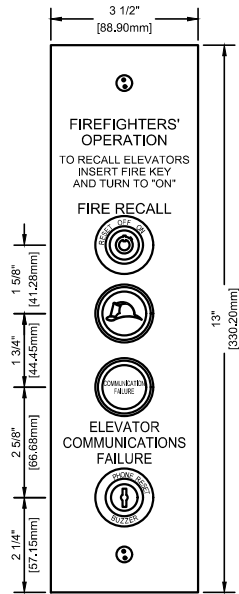
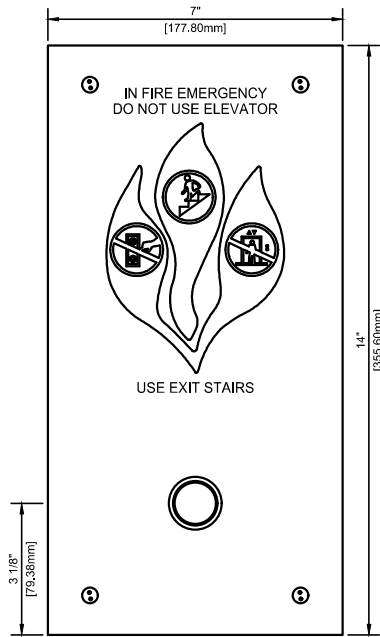
1 1/4" DIA. HALO AROUND AN ILLUMINATING
 1 1/16" DIA. CLEAR RING AND A
 1" DIA. BUTTON. BUTTON PROJECTS 1/8"

PICTOGRAPH

FIRE FLAME IS COLORED SOLID RED. CIRCLES, SLASHES,
 AND SYMBOLS TO BE BLACK ON WHITE BACKGROUND.
 ALL LETTERING TO BE BLACK.

ENGRAVING

TITLES ARE 1/4" H, 3/16" H INSTRUCTIONS, ALL
 COLORED RED, HELVETICA MEDIUM LETTERING.



Front Risers	1
Rear Riser	0
# of Cars in group	2
TOTAL Openings	4
Front Openings	4
Rear Openings	0
Terminal HS	2
Intermediate HS	0
Total HS	2
Total HW Access	4

TOTAL REQUIRED: 2
 AT FLOOR: 1,2
 ELEVATOR NO.: 1 & 2

TOTAL REQUIRED: 1
 AT FLOOR: 1
 ELEVATOR NO.: 1 & 2

TOTAL REQUIRED: 1
 AT FLOOR: 1
 ELEVATOR NO.: 1 & 2

TOTAL REQUIRED: 4
 AT FLOOR: 1,2
 ELEVATOR NO.: 1 & 2

COMBINATION P.I./HALL LANTERNS

FACEPLATE

TYPE: HORIZONTAL
 FINISH: 11 GAUGE STAINLESS STEEL W/ #4 BRUSH FINISH
 MTG. HARDWARE: SPANNER HEAD SCREWS

POSITION INDICATOR

THE POSITION INDICATOR CONTAINS
 5x7 DOT MATRIX DISPLAYS.
 DISPLAY TO READ: 1,2

LANTERNS

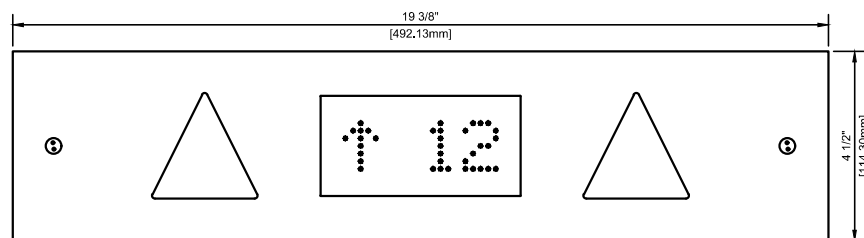
2 1/2" x 2 1/2" WHITE LEXAN PLASTIC LENSES
 WHICH ILLUMINATE UPON CAR ARRIVAL TO
 INDICATE DIRECTION OF TRAVEL.
 ILLUMINATION: WHITE

CHIME

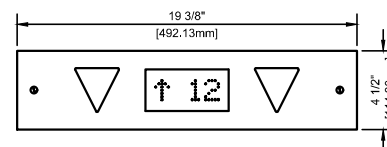
AN INTERNALLY MOUNTED ADJUSTABLE CHIME SOUNDS
 SIMULTANEOUSLY WITH ILLUMINATION OF A LANTERN.
 CHIME SOUNDS ONCE FOR UP, TWICE FOR DOWN.

CUTOUT MOUNTING DATA

FACEPLATE: 19 3/8" (492.13mm)W x 4 1/2" (114.30mm)H WITH
 MTG. HARDWARE AT 17 7/16" (442.91mm) O.C.
 BOX: 18 1/8" (460.38mm)W x 3 3/4" (95.25mm)H X 2 1/2" (63.50mm)D
 CUTOUT: 18 1/4" (463.55mm)W x 3 7/8" (98.43mm)H



TOTAL REQUIRED: 2
 AT FLOOR: 1
 ELEVATOR NO.: 1 & 2



TOTAL REQUIRED: 1
 AT FLOOR: 2
 ELEVATOR NO.: 1 & 2

REVISED

DATE	SYM.	REVISION	BY			
DESIGNED PER ASME A17.1		DO NOT SCALE THIS DRAWING				
FOR: LAYTON IHC CLINIC		ELEV # 1 & 2				
ADDRESS: LAYTON						
CITY: LAYTON, UT 84041						
ARCHITECT: HKS INC.						
GENERAL CONTRACTOR: INTERMOUNTAIN HEALTHCARE						
ELEVATOR CONTRACTOR: THYSSENKRUPP ELEVATOR COMPANY SALT LAKE CITY, UT						
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		Field 261-2247-01A				
		TKE				
		HALL SIGNAL				
DWN	DATE	BRANCH	JOB NUMBER	DRAWING NO.	REV.	SHEET NO.
SF	12/02/21	SF		HF1-22	(A)	1 OF 1