

Michael,

Thanks for the drawings. An Orion 17 hydraulic with painted entrances and doors stainless steel finish cab with raised laminate panels on the walls will be around \$55,000-\$60,000. Stainless entrances and door at each floor will add \$5,000.00-\$10,000, depending on layout and other factors.

I have attached a set of preliminary drawings

Thanks,

Cliff Vaughan



First Coast Elevator Inc.

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St. Augustine, FL 32092

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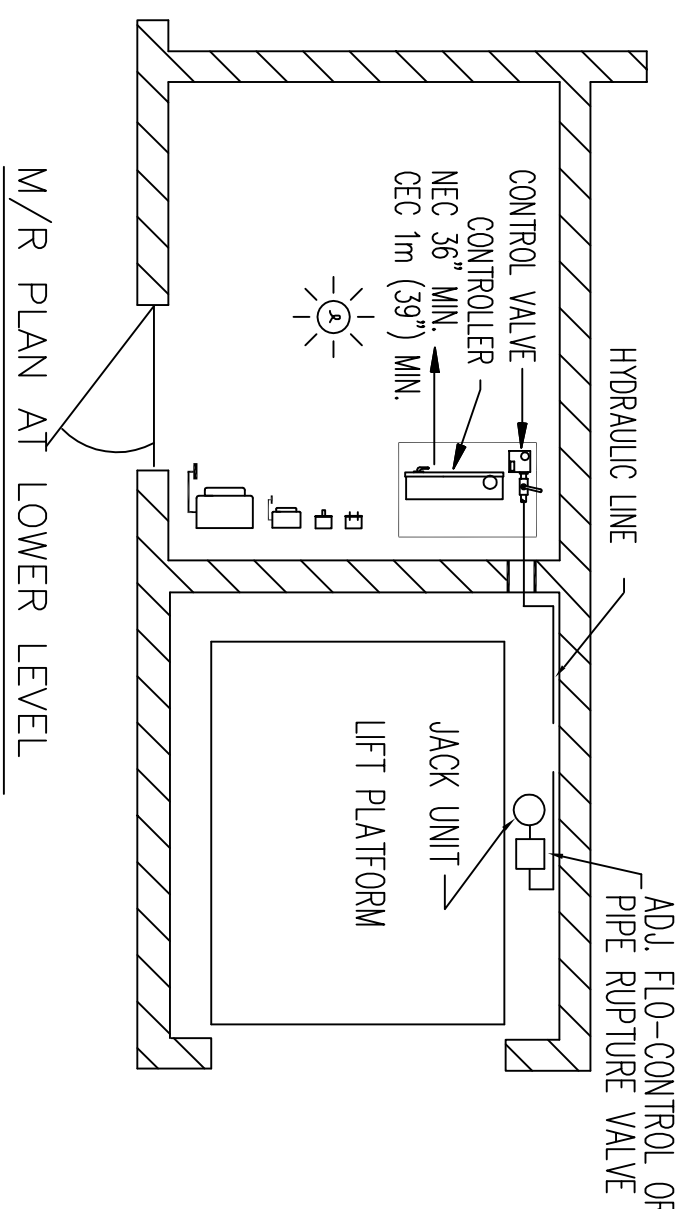
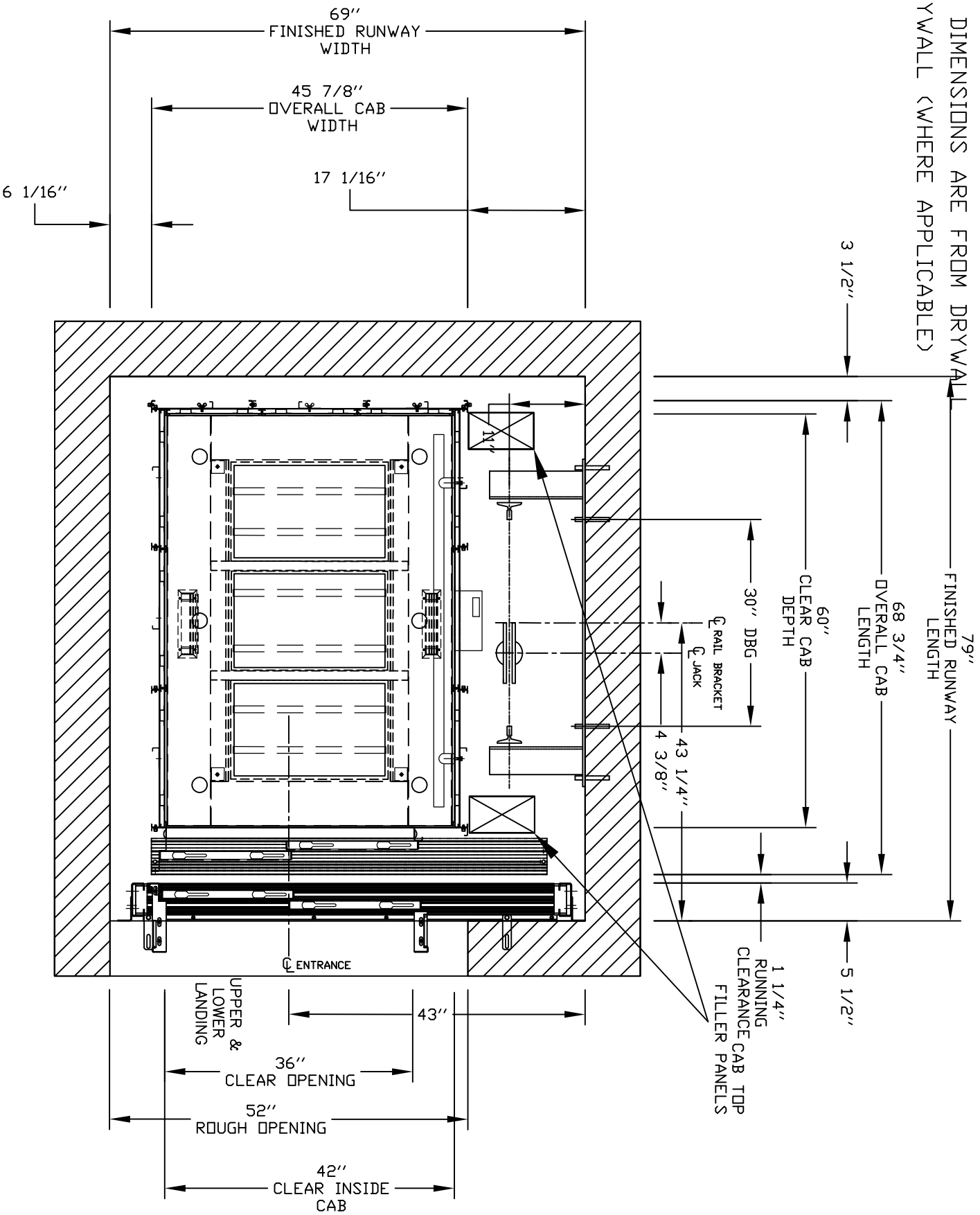
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From: architect200@comcast.net [mailto:architect200@comcast.net]

Sent: Sunday, April 9, 2023 9:21 AM

To: cliff@fcelevatorservice.com

PLEASE NOTE:
 OVERALL HOISTWAY LENGTH AND
 WIDTH DIMENSIONS ARE FROM DRYWALL
 TO DRYWALL (WHERE APPLICABLE)



**PRELIMINARY DRAWING ONLY
 DRAWING APPROVAL:**

THIS DRAWING REFLECTS OUR INTERPRETATION OF THE INFORMATION PROVIDED BY THE DEALER ON THE ORDER FORM. THIS INFORMATION IS THE DEALER'S RESPONSIBILITY, AND IS THE BASIS FROM WHICH THIS LIFT IS DESIGNED AND MANUFACTURED. PLEASE INDICATE THE REQUESTED ACTION BY CHECKING ONE OF THE FOLLOWING BOXES AND SIGNING BELOW TO AUTHORIZE COMPLETION OF THIS ORDER.

- APPROVED WITH NO EXCEPTIONS
- MANUFACTURE PRODUCT AS PER DRAWING
- APPROVED WITH EXCEPTIONS, NO REAPPROVAL REQUIRED
- MAKE CHANGES AS NOTED, NO REAPPROVAL DRAWING REQUIRED
- CHANGE AS NOTED, REAPPROVAL REQUIRED
- MAKE CHANGES AS NOTED, SEND CORRECTED REAPPROVAL BEFORE MANUFACTURE

SIGNATURE: _____ DATE: _____
 CHANGES REQUEST: _____
 1. _____
 2. _____
 3. _____
 4. _____

CAUTION: ONCE THE DRAWING IS APPROVED, JOB CANCELLATION FEES WILL APPLY

OFFICE USE ONLY:
 CONFIGURATION VERSION STAMP: 0.0
 MODULE VERSION STAMP: 0-S-8.1.3

Part No. _____
 Variant No. 1 0 9 1 4 0 7

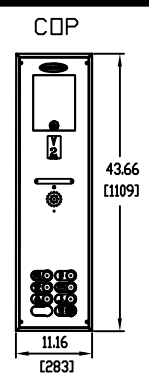
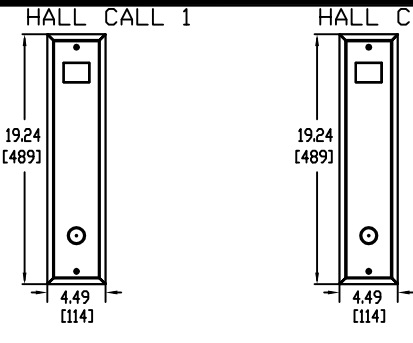
CUSTOMER: FIRST COAST ELEVATOR INC.
 PROJECT: Depaul Private Spec. School
 ADDRESS: 450 Atlantic Blvd., Atlantic Beach

DATE: 04-10-23
 REVISION DATE: 04-10-23
 COMPLETED BY: *diffidichidisy*

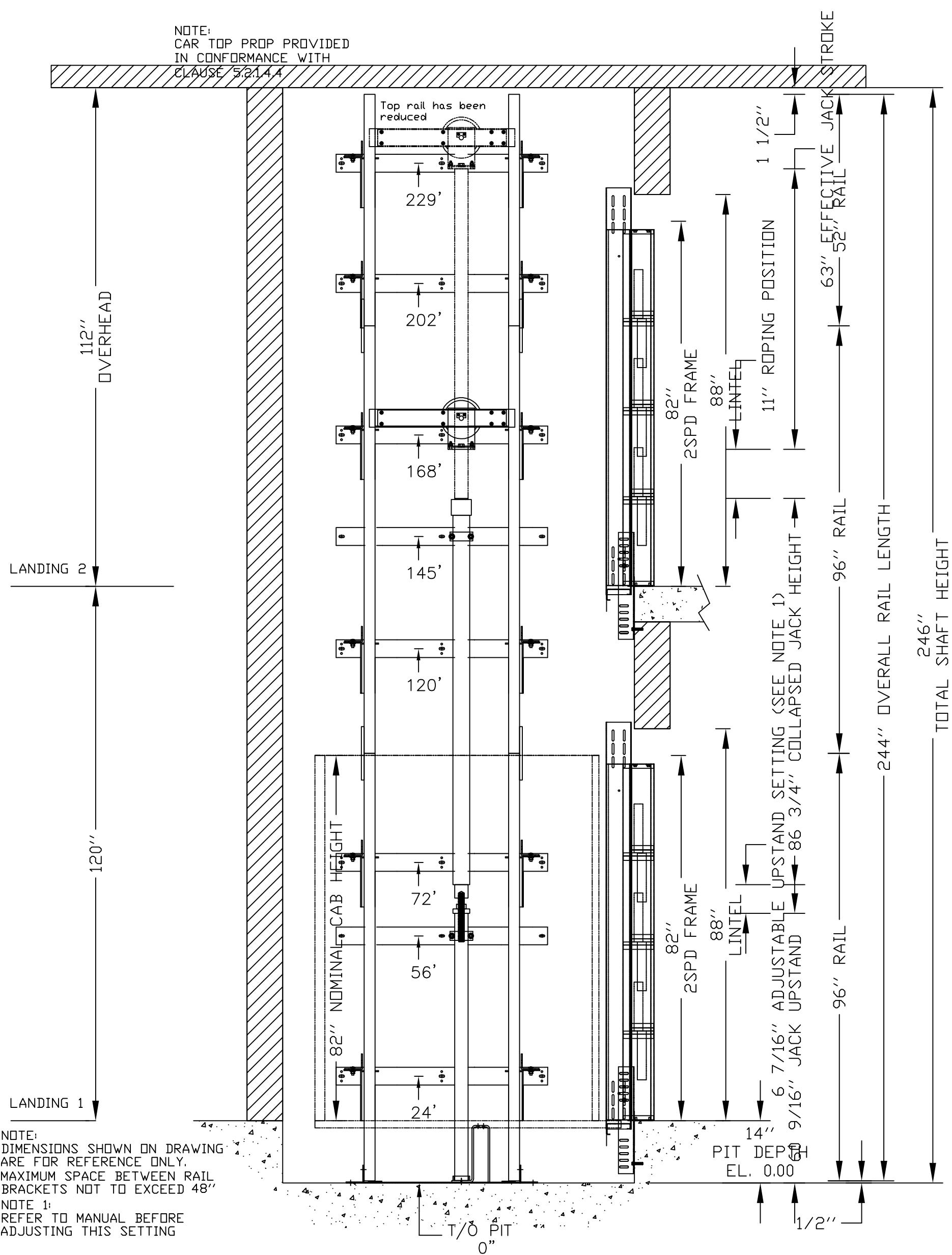
savarida.

JOB No. _____ SHEET No. 1 OF 4

PLAN VIEW



NOTE:
CAR TOP PROP PROVIDED
IN CONFORMANCE WITH
CLAUSE 5.2.1.4.4



NOTE:
DIMENSIONS SHOWN ON DRAWING
ARE FOR REFERENCE ONLY.
MAXIMUM SPACE BETWEEN RAIL
BRACKETS NOT TO EXCEED 48"
NOTE 1:
REFER TO MANUAL BEFORE
ADJUSTING THIS SETTING

PIT PROP PROVIDED IN CONFORMANCE TO CLAUSE 5.2.1.4.2

ELEVATION VIEW B-B

<p>CUSTOMER: FIRST COAST ELEVATOR INC.</p>		<p>DATE: 04-10-23</p>	
<p>PROJECT: Depaul Private Spec. School</p>		<p>REVISION DATE: 04-10-23</p>	
<p>ADDRESS: 450 Atlantic Blvd., Atlantic Beach FLORIDA, USA</p>		<p>COMPLETED BY: cliff@elevatorserv</p>	
<p>OFFICE USE ONLY: CONFIGURATION VERSION STAMP: 0.0 MODULE VERSION STAMP: 0-S-8.1.3</p>		<p>Part No. Variant No. 1091407</p>	
		<p>savaria.</p>	
		<p>JOB No. — SHEET No. 2 OF 4</p>	

PROVISIONS BY OTHERS

SPECIFICATIONS

*GENERAL

HOISTWAY- THE HOISTWAY MUST BE IN ACCORDANCE WITH "SAFETY CODE FOR ELEVATORS AND ESCALATORS" (ASME A17.1) AND ALL STATE AND LOCAL CODES.

PLUMB HOISTWAY- DUE TO CLOSE RUNNING CLEARANCES OWNER/AGENT MUST ENSURE THAT HOISTWAY AND PIT (WHERE PROVIDED) ARE LEVEL, PLUMB AND SQUARE AND ARE IN ACCORDANCE WITH THE DIMENSIONS ON THESE DRAWINGS. MINIMUM OVERHEAD CLEARANCE- OWNER/AGENT MUST ENSURE MINIMUM OVERHEAD CLEARANCE IS IN COMPLIANCE WITH CODES.

CONSTRUCTION SITE- OWNER/AGENT TO PROVIDE ALL MASONRY, CARPENTRY AND DRYWALL WORK AS REQUIRED AND SHALL PATCH AND MAKE GOOD (INCLUDING FINISH PAINTING) ALL AREAS WHERE WALLS/FLOORS MAY REQUIRE INSTALLATION OF THE LIFT.

DIMENSIONS- CONTRACTOR/CUSTOMER TO VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO OUR OFFICE IMMEDIATELY.
PIT- WHERE REQUIRED PER, 22.25 IN THE ELEVATORS PROVIDED WITH FIREFIGHTERS EMERGENCY OPERATION, A DRAIN OR SUMP PUMP MIGHT BE REQUIRED BY OTHERS, CHECK LOCAL REQUIREMENT.

*STRUCTURAL

FLOOR/SUPPORT WALL LOADS- STRUCTURE TO ANCHOR A CRANK SHAFT AND SAFETY HARNESS, WHERE APPLICABLE/NEEDED, TO BE PROVIDED BY CONTRACTOR. CONTRACTOR TO ASSURE THAT BUILDING AND SHAFT WILL SAFELY SUPPORT ALL LOADS IMPOSED BY THE LIFT EQUIPMENT. REFER TO THE TABLES ON THIS DRAWING FOR LOADS IMPOSED BY THE EQUIPMENT. WHERE DOORS ARE REQUIRED- SUITABLE LINTELS MUST BE PROVIDED BY OWNER/AGENT. DOOR FRAMES ARE NOT DESIGNED TO SUPPORT OVERHEAD WALL LOADS.

*MACHINE ROOM

LOCATION / ACCESS- MACHINE ROOM LOCATED AT THE LOWEST LEVEL ADJACENT TO HOISTWAY, UNLESS SHOWN OTHERWISE ON THE LAYOUT DRAWINGS. FIELD ADJUSTMENT BY INSTALLER MAY BE NECESSARY TO MEET JOB SITE CONDITIONS OR REGULATIONS. MACHINE ROOM DOOR IS TO BE LOCKABLE AND IS TO MEET THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.

SLEEVES FOR OIL & ELECTRIC LINES- FROM MACHINE ROOM TO RUNWAY AS REQUIRED. (POSITION PER INSTALLERS INSTRUCTIONS). MINIMUM SCHEDULE 80 PIPING REQUIRED FOR OIL LINES.

DISCONNECT SIZE	TIME DELAY FUSE SIZE	VOLTS	PHASE	AMPERAGE
MOTOR & EQUIP	30 AMPS	30 AMPS	208 volt	Three Phase
CAB LIGHTS	15 AMPS	115 AMPS	115 V	Single Phase

*ELECTRICAL

POWER SUPPLY- (SEE SPECIFICATIONS) LOCKABLE FUSED DISCONNECT WITH AUXILIARY CONTACT TO BRAKE THE BATTERY FEED, OR CIRCUIT BREAKERS WITH A 3-POLE BREAKER FOR BATTERY FEED REQUIRED, IN COMPLIANCE WITH ELECTRICAL CODE, AS FOLLOWS: (LOCATED ON WALL ON LOCK JAMB SIDE OF MACHINE ROOM DOOR)
PERMANENT POWER- BEFORE INSTALLATION CAN BEGIN, PERMANENT POWER MUST BE SUPPLIED.

LIGHTING- THE ILLUMINATION SHALL BE NOT LESS THAN 200 LX (19 FC) AT THE FLOOR LEVEL IN ALL MACHINE ROOMS AND MACHINERY SPACES. ENSURE AT LEAST 100 LX (10 FC) AMBIENT LIGHTING OVER LIFT AREA. LIGHTING WITH SWITCH AND ELECTRICAL GFCI OUTLET IN HOISTWAY PIT. ALL LIGHTING MUST BE SOURCED FROM THE LINE SIDE OF ANY GFCI. PHONE- NEED A PHONE LAND LINE (IF NOT VOIP) FOR THE PHONE. FOR VOIP PLEASE CONTACT SAVARIA.

SMOKE DETECTORS- DETECTORS TO COMMUNICATE WITH THE ELEVATOR ARE REQUIRED BY OTHERS WHEN FIRE SERVICE IS REQUIRED ON ELEVATOR.
2019 CAMERA- NEED POWER-OVER-ETHERNET (PoE) AND INTERNET CONNECTION FOR CAMERA SAVARIA LINK REMOTE MONITORING - NONE SELECTED
Not required

*ENTRANCES

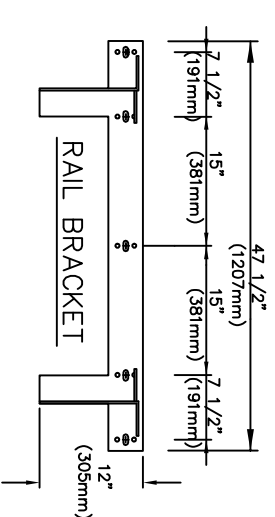
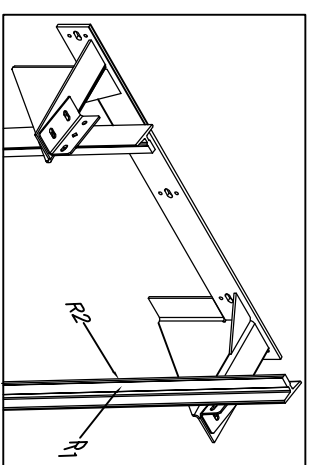
FASCIA PANEL BELOW UPPER LEVEL ENTRANCE- WHERE REQUIRED, FASCIA PANEL MUST BE FASTENED TO A SOLID WALL AND BE PERPENDICULAR TO THE FLOOR AND WALLS. HOISTWAY FASCIA IS NOT SELF-SUPPORTING FOR LONG, CONTINUOUS RUNS VOID OF ENTRANCES. ADEQUATE SUPPORT FOR THE FASCIA MUST BE PROVIDED.

ENTRANCE ASSEMBLIES- ENTRANCE ASSEMBLIES MUST BE ADJUSTED TO ALIGN WITH PLATFORM AND INTERLOCK EQUIPMENT. OTHERS TO ALLOW AN ADEQUATE ROUGH OPENING.

RETURN WALLS- RETURN WALLS AT ENTRANCES MUST BE BUILT-IN BY OTHERS AFTER ENTRANCE ASSEMBLIES ARE IN PLACE. ENTRANCE ASSEMBLY MUST BE SECURELY FASTENED TO WALLS BY ELEVATOR CONTRACTOR.

GENERAL

CLASSIFICATION: Public Building
APPLIED CODE: CSA/ASME A17.1/B44-2016 Sec 5.2
MODEL: Orion17-Hydraulic
CAPACITY: 1400lbs
NOMINAL SPEED: 30 fpm [0.15 m/s]
TRAVEL: 120"
PIT DEPTH: 14"
POWER SUPPLY: 60 Hz Three Phase 208 volt
HYDRAULIC
PUMP MFR: CONCORD
PUMP MODEL: VICKERS 4P
MOTOR: 5.0 hp
VALVE MODEL NO. EPV - 7
VALVE COIL VOLTS: 24 V DC
MAX WORKING PRESSURE: 1500 psi
RELIEF VALVE SETTING: MAX 25% ABOVE ACTUAL WORKING PRESSURE
RESERVOIR: 15-16.5 gal/57-63 L
HOSE & SAFETY VALVE: no



PIT RE-ACTION FORCE	FORCE
R3	8000 LBS
R4	3000 LBS
R5	9000 LBS

RAIL FORCES

* R1	* R2
720 lbf	260 lbf
RAIL WEIGHT :	8.0 lbs / ft

FOR TOTAL PULL-OUT FORCE ON RAIL BRACKET,
eg 2 x 720 = 1440 lbf
FOR LOCAL APPLICATION OF PIT LOAD.

R1 MUST BE DOUBLED.
SEE PIT CHANNEL/
BUFFER SKETCH.

CAR FINISH DETAILS

CAB PANEL SELECTION: Stainless Steel & Raised Panels
CEILING SELECTION: Stainless Steel
CAB ENTRANCE: Match Cab
PLASTIC LAMINATE FINISHES: To be Determine
POT LIGHT FINISH: Stainless Steel
TRIM COLOUR: Not Applicable
CAR STATION PLATE: stainless steel
HAND RAIL TYPE: Stainless Steel Cylindrical
CAB FLOORING: Plywood Floor
FINISHED FLOOR THICKNESS: 0.375"
TELEPHONE BOX: no
TELEPHONE BOX FINISH: Not Applicable
HAND FREE PHONE: yes, Hands Free Phone
CAR DIMENSIONS/PLATFORM GATES
CAB TYPE: Type 1 Right Hand
CAB HEIGHT: 82" [2083mm] Cab Height
CAB OPERATION: automatic operation
GATES REQUIRED: Automatic Operated Gates
GATE TYPE: 2 Spd Doors (Wittur) match CAB
GATE FINISH: Stainless Steel
INSIDE PLATFORM AREA: 17.5 sf.

HOISTWAY

DOOR TYPE: 2 spd Sliding Doors (Wittur)
HOISTWAY DOORS FINISH: Standard Finish (Primer Grey)
HOISTWAY FINISH: Masonary

JACK UNIT

EFFECTIVE STROKE: 63"
SOLID PLUNGER O/D: 3"
CYLINDER O/D: 3 3/4 "
CYLINDER I/D: 3 1/4 "
SPLIT CYLINDER? no
COLLAPSED LENGTH: 86 3/4 "
CYLINDER WALL THICKNESS: 1/4 "

SUSPENSION

TYPE: ELEVATOR CABLE 2 X 3/8" DIA.
CONSTRUCTION: IWRC 7 X 19, GALVANIZED STEEL RHRL
NOMINAL STRENGTH: 14,400 lbs Per Cable
SPECS: MI-DTL-83420
OVER SPEED VALVE
MODEL: AS PER SECTION 3.19.4.7
BLAIN R10 AA
(1500psi (10342 kPa) MAX WORKING PRESSURE)

FIRST DOOR BY LANDING CHART

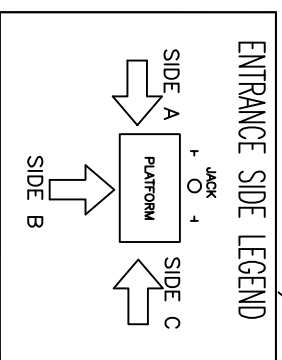
DOOR TYPE	LANDING 1	LANDING 2
ENTRANCE SIDE	2 Speed Sliding Doors (Wittur)	2 Speed Sliding Doors (Wittur)
DOOR LATCH	Side C	Side C
LOCK TYPE	Left Hand	Left Hand
AUTO DOOR OPENER	Not Applicable	Not Applicable
HALL CALL KEY SWITCH	NO SIGNS	KEYS
HOISTWAY ACCESS	KEYS	KEYS
FLOOR MARKING	no	no
MAIN EGRESS FLOOR	1*	2

OPTIONS

FASTENERS: Concrete Anchors
FIREMAN'S SERVICE: Phase 1
OVERSPEED GOV./VALVE: OverSpeed Valve
CONDUCTOR CABLE: 40' [12m] cable
DATA ACCESS TERMINAL: No Tool
DUPLINE PROGRAMMING TOOL: Programmer and Tool not Incl.
TEMP. RUN BUTTON: Temp Run Button not incl.
LANDING SIGNS: no signs required

FLOOD SWITCH:

Not Required
STATE SPEC. FIREMAN KEY: N/A (FEOK1)
SPEEDY SET-UP JIG: Speedy Jig Not req.
DIRECT. ARROW & VOICE ANNUNCIATOR: Not required



OFFICE USE ONLY:

CONFIGURATION VERSION STAMP: 0.0
MODULE VERSION STAMP: 0-5-813

Part No. 1091407
Variant No. 1091407



Data Sheet
LIMITED USE LIMITED APPLICATION

CUSTOMER: FIRST COAST ELEVATOR INC.
PROJECT: DePaul Private Spec. School
ADDRESS: 450 Atlantic Blvd., Atlantic Beach
DATE: 04-10-23
REVISION DATE: 04-10-23
COMPLETED BY: diffid/edward/sy

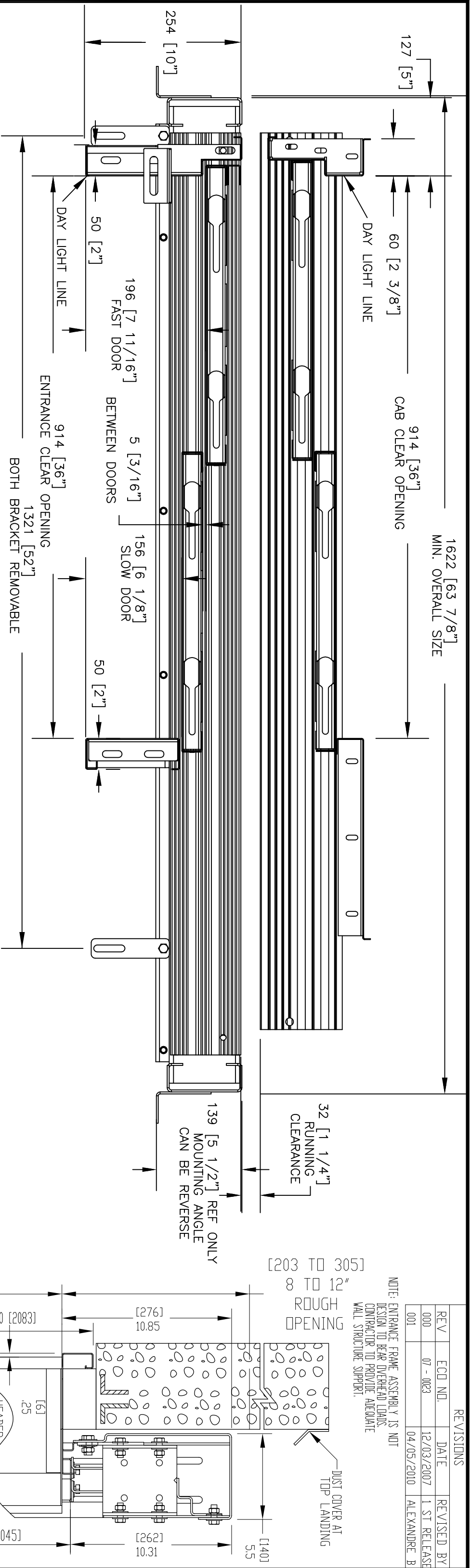
JOB No. 3 OF 4
SHEET No. 3 OF 4

1622 [63 7/8"]
MIN. OVERALL SIZE

REVISIONS

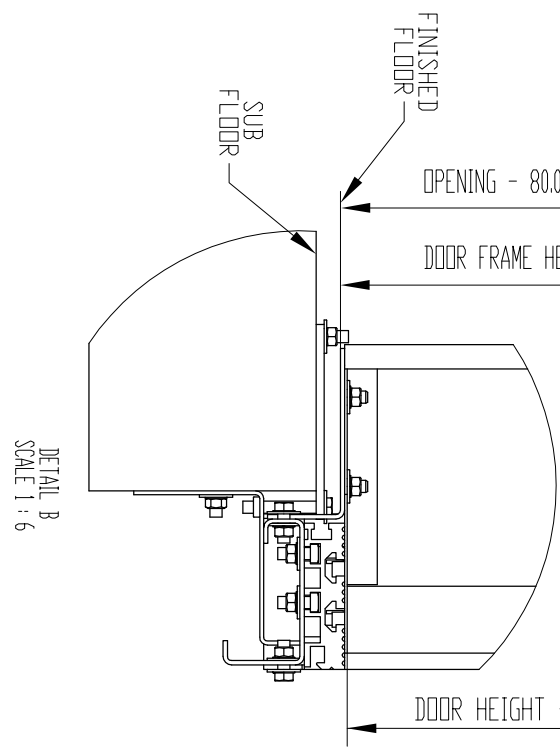
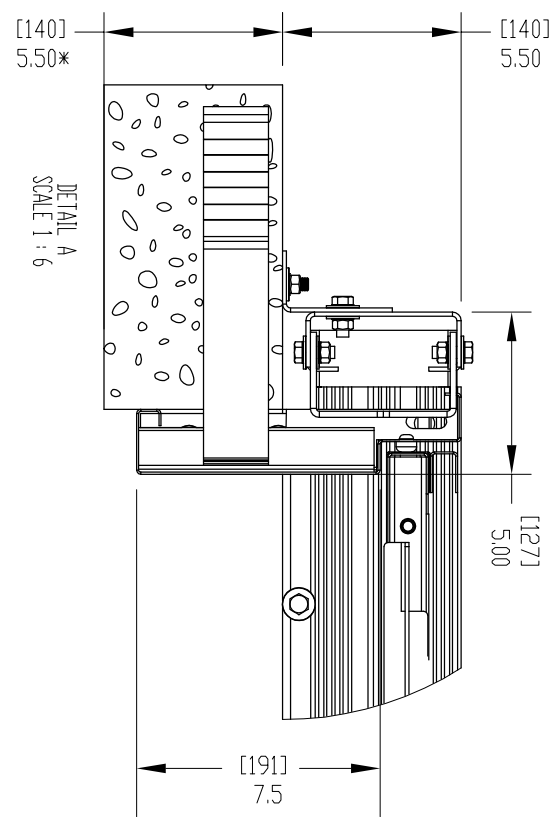
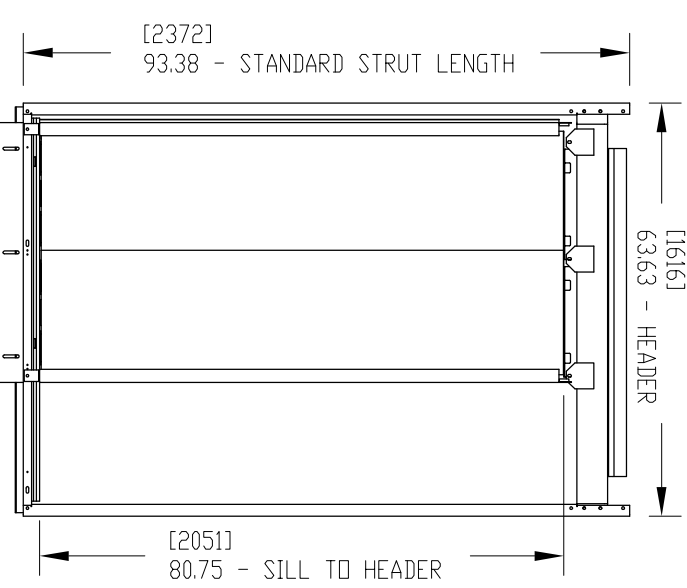
REV	ECD NO.	DATE	REVISED BY
000	07 - 0023	12/03/2007	1 ST RELEASE
001		04/05/2010	ALEXANDRE B

NOTE: ENTRANCE FRAME ASSEMBLY IS NOT
DESIGN TO BEAR OVERHEAD LOADS.
CONTRACTOR TO PROVIDE ADEQUATE
WALL STRUCTURE SUPPORT.



ENTRANCE LOADS ON BUILDING
RH = 5000 N (1125 lbf)
RVD = 1550 N (350 lbf)
RVU = 1000 N (225 lbf)
PER SECTION 2.11.11.8.

*NOTE: SUGGESTED 2 HOURS
MASONRY CONSTRUCTION



LEFT HAND SHOWN

CUSTOMER: FIRST COAST ELEVATOR INC.
PROJECT: DePaul Private Spec. School
ADDRESS: 450 Atlantic Blvd., Atlantic Beach
MASONRY CONSTRUCTION 36 X 80

OFFICE USE ONLY:
CONFIGURATION VERSION STAMP: 0.0
MODULE VERSION STAMP: 0-S-81.3
DATE: 04-10-23
REVISION DATE: 04-10-23
COMPLETED BY: diffidchulshsvy

Part No. 1091407
SHEET No. 4 OF 4

