



## **YOUR ELEVATOR IS NOT IN PRODUCTION**

### **Elevator Manufacture Date (EMD)**

Date: May 26, 2021

Attention: Royal Pine Homes

From Project Coordinator: Natalie Hrivnak

Our Project Number: ON01P1059, ON01P19060, ON01P19061 & ON01P19062

Project Name: Forest Mid Rise 1 – 8

This EMD form details the conditions for setting the Elevator Manufacture Date for the above mentioned project. Please note once the manufacturing date has been scheduled it cannot be changed without possible delays of the elevator and additional charges. Upon our receipt of this completed EMD form, we will schedule the elevator manufacture to be completed by date you provide below.

### **To be completed by General Contractor:**

The date you provide should coincide with the date you will have all of the listed items on the "Site Ready for Installation" (SRFI) form completed. Please provide date you would like the elevator to be on site. This must be a minimum of 11 weeks from the date you submit this form:

**Date of Manufacture:** .....

**Name of person providing date:** .....

**Signature of person providing date:** .....

Please e-mail only this completed page to our Project Coordinator.



It is **very** important that all listed items on the SRFI form have to be completed by this date.

If all listed items on SRFI are completed by this date the SRFI form must be completed by the site supervisor and sent to our Field Operations Manager (FOM). Upon receipt of the completed form our FOM will contact you to schedule the installation date.

If all the listed items on the SRFI form are not completed the following options are available to you:

**Option #1:** The material can be delivered to your site with the following conditions:

- The material invoice will be issued upon delivery of material. This invoice is due as per payment terms outlined in our proposal.
- A change order will be executed for a minimum of 4 team hours for delivery material out of process sequence
- Approximately 200 square feet of secure on-site storage, adjacent to the elevator shaft, must be provided
- Vertechs will not be held responsible for loss or damage of equipment once delivered.

**Option #2:** Material can be warehoused at our facility with the following conditions:

- The material invoice will be issued and due as per payment terms outlined in our proposal.
  - Storage charges will apply at a rate of \$125.00 per unit, per 4 weeks, effective one week after the above mentioned date, payable in advance. Minimum charge is \$125.00. This rate is based on the quantity of material to be stored approximately 4 skids 4 x 10.
  - These charges will be invoiced in advance of each proceeding 3 weeks and due upon receipt without holdback.
- 

SRFI form when completed to be e-mailed to our Field Operations Manager (FOM):



FOM Name: Devin Wolsey

FOM e-mail address: [devinw@verttechselevators.com](mailto:devinw@verttechselevators.com)

Page 1 of this EDM form to be e-mailed to our Project Coordinator

Best regards,

*Natalie Hriunak*

Project Coordinator

e-mail address: [natalieh@verttechselevators.com](mailto:natalieh@verttechselevators.com)

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Date: May 26, 2021

Attention: Royal Pine Homes

From: Natalie Hrivnak

Our Project Number: ON01P19059, ON01P19060, ON01P19061 & ON01P19062

Project Name: Forest Mid-Rise 1 – 8

**From Our Commercial Elevator Division**

Please find the following attached documents:

- **Drawings “FINAL”**
- **Site Ready for Install (SRFI)**
- **Elevator Manufacture Date (EMD)**
- **TSSA Checklist**

We do look forward to working with you to supply and install the Commercial Elevator for the above referenced project. Our process is designed to support every step of the supply and installation of your elevator to a successful conclusion.





## **Drawings “FINAL”**

Vertechs World Class Elevators has prepared the attached drawings marked “FINAL” using the returned marked-up drawings “REVIEW” you sent to us. These drawings are to support the construction, electrical and all other elevator related items. We kindly request no deviations to these drawings, please ask your site supervisor and sub trades to use only these drawings for all work directly related to the elevator. Please note we will also be using these drawings to manufacture the elevator and therefore request that all construction be completed to these drawings.

If your site supervisor or sub trades have any questions whatsoever regarding these drawings and SRFI form please ask them not to hesitate to contact our Field Operations Manager (FOM) using the contact information shown below. Please do not make any assumptions, please call.

Drawings marked “FINAL” are used as follows:

1. Distribution to your sub trades to complete all construction related to the elevator. Please have your sub trades use our detailed drawings “FINAL”, not the architectural drawings as they are not adequately detailed for the elevator.
2. To be used by Vertechs to manufacture the elevator.
3. To be used by the Vertechs Installation Crew to install the elevator.

**Please note we provide only one site visit to review the drawings “FINAL”. Our FOM will contact the site supervisor to arrange this meeting that is convenient for both parties, we would also suggest that your sub trades be part of this meeting. Our expectations are that all trades and the site supervisor can read drawings. Should your site supervisor or sub trades have any questions please ask them to contact our FOM shown below.**



Please note if you wish to make changes after the drawings “FINAL” are released your project will be immediately put on hold and the requested changes will be reviewed to identify any additional charges. Our review will include changes to drawings, production related costs and possible delays to the project. In consideration of the additional costs and potential delay to the project we kindly ask that you carefully review the drawings. Our staff are trained to answer any questions you may have, so please do not hesitate to use their expertise to answer any questions you may have.

## **Site Ready for Installation (SRFI) and Elevator Manufacture Date (EMD)**

Our FOM has already explained the importance the drawings and SRFI form play in establishing the date of manufacture for the elevator and the installation date of the elevator. Our FOM will review the SRFI form during the site visit with the site supervisor. Please note two very important dates are established using this form “**Date of Manufacture**” and “**Date of Elevator Installation**”.

**Date of Manufacture:** Your review of the SRFI form is important as our FOM will be asking for a date when you anticipate all listed items on the form will be completed. The date you provide will be used by our production department to complete the manufacture of the elevator, we therefore ask that you are accurate with the date given.

Conditions of site not being ready by date given:

1. Equipment will be invoiced on this date even if materials are not shipped to site with invoice amount being due upon receipt.
2. If site cannot accept the delivery of the elevator, storage charges will apply after the first week at \$100.00 per week.



3. If you wish to have materials shipped to site to avoid the storage charges this can be done but additional charges will apply for drive time to and from site.

**Elevator Manufacture Date (EMD) form:** When an accurate date has been established that all listed items on the SRFI form will be completed we ask that you complete the attached EDM form and e-mail it to our Project Coordinator no later 10 weeks prior to this date. Please read all terms and conditions on form.

**Date of Elevator Installation:** The SRFI together with the drawings "FINAL" are a great tool for both parties, as it leaves nothing to question of what is meant by the site being ready for the elevator installation. When all listed items are completed and completed to the drawings "FINAL" we ask that you physically check each item and check the "confirmation" box on the form indicating each item has been completed and completed to the drawings "FINAL". **Site visits making sure the listed work on the SRFI form has been completed and completed accurately to the drawings "FINAL" is not part of the Vertechs scope of work.** When all listed items are completed and completed accurately to the drawings "FINAL" we ask that you forward the completed SRFI form to our FOM. Upon the receipt of the completed SRFI form our FOM will call you and provide you with an installation date and an approximate date of completion. **Please carefully read the conditions set on the last page of the SRFI prior to signing and sending to our FOM.**

Yours truly,

Natalie Hrivnak  
Project coordinator



Field Operations Manager (FOM) contact information:

Name: Devin Wolsey

Mobile Telephone: 905-220-0168

e-mail: [devinw@verttechselevators.com](mailto:devinw@verttechselevators.com)

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PROJECT NAME | FORESTSIDE EST. 1-2 BUILDING A  
PROJECT NUMBER | ON01P19059

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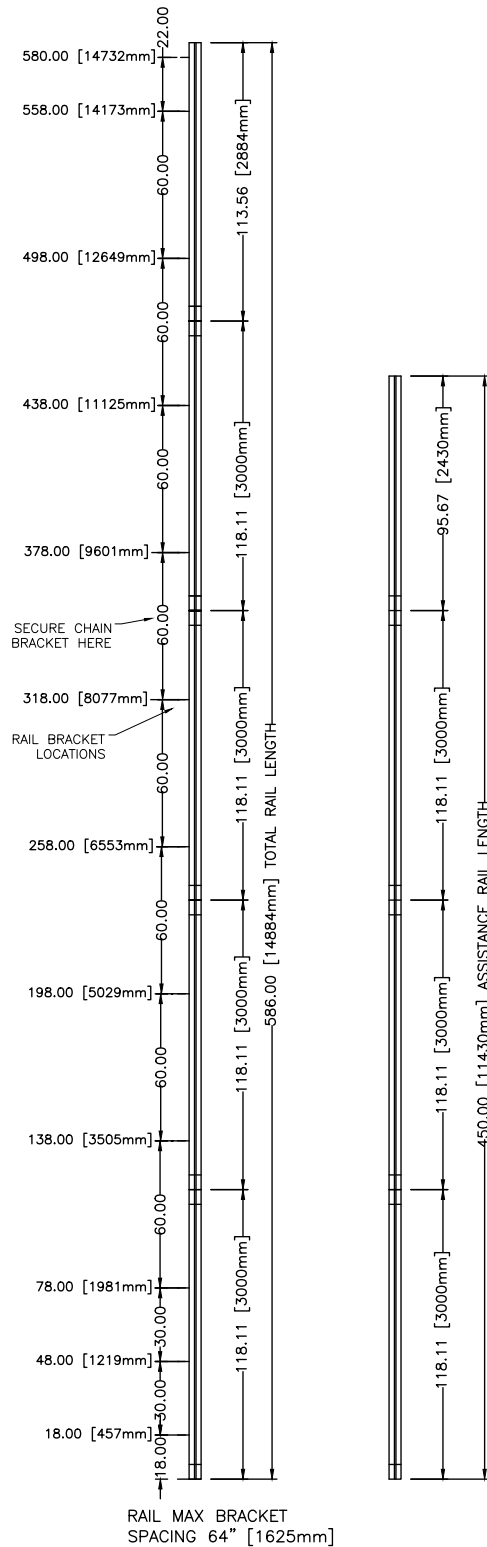
# SECTION 1 ELEVATOR DETAILS

PROJECT NAME | FORESTSIDE EST. 1-2 BUILDING A  
PROJECT NUMBER | ON01P19059

FINAL DRAWINGS

GENERAL	ELEVATOR #		1		GENERAL	CAB CONFIGURATION		FRONT		
	CLASSIFICATION		PASSENGER			CAB SIZE		81" W X 51-1/8" D X 90" H		
	CAPACITY lb [kg]		2500 [1134]			NUMBER OF FLOORS		4		
	UP SPEED FPM [m/s] [NOMINAL]		100 [0.50]			NUMBER OF OPENINGS		4 FRONT		
	DOWN SPEED FPM [m/s] [NOMINAL]		100 [0.50]			ENTRANCE CONSTRUCTION		X DRYWALL	- MASONRY	
MACHINE	OPERATION		SELECTIVE COLLECTIVE		CAB OPTIONS	BUFFER TYPE AND STROKE [mm]		4 SPRING 3.54" [90]		
	POWER SUPPLY		600V 3PH			SEISMIC REQUIREMENT		NO		
	FLOORS SERVED		4			RAIL BRACKET MOUNTING		- WOOD ANCHOR	- MASONRY ANCHOR	
	RAILS [lb/ft]		8					- WALL INSERT	X WELDED	
	CONTROLLER		MICROPROCESSOR			DOOR OPERATOR NUDGING		X YES	- NO	
	DRIVE		GMV TYPE 3			CERTIFICATE FRAME		X YES	- NO	
	CONTROL VALVE		GMV 3010S			PIT SHUT OFF VALVE		- YES	X NO	
	PUMP TYPE		3 SPINDLE SCREW			COP FINISH		SECTION 1, PG 6		
	FEED FLOW GPM [LPM]		67 [254]			CAB LIGHT		SECTION 1, PG 5		
	FULL LOAD STATIC PRESSURE PSI [BAR]		403 [27]			CEILING PANELS		SECTION 1, PG 5		
FULL LOAD DYNAMIC PRESSURE PSI [BAR]		443 [31]		HANDRAIL (STAINLESS STEEL)		SECTION 1, PG 5				
RELIEF PRESSURE PSI [BAR]		524 [36]		CAB OPTIONS	WALL PANELS		LAMINATED - FORMICA			
FEED LINE		2" [50.8] SCHED. 80 A53-B/A106-B			FINISH NO.		SECTION 1, PG 5			
MOTOR SIZE HP [kW]		25HP [18.4kW] 60HZ			FINISH NAME		SECTION 1, PG 5			
MACHINE HEAT OUTPUT BASED ON 55 STARTS / HR - BTU [watt]		13224 [3835]			DOOR PANEL FINISH		BRUSHED STAINLESS STEEL			
					FINISHED FLOOR		X CERAMIC	- OTHER		
ENTRANCE	DOOR TYPE		2 SPEED		BOTTOM LANDING	FIRE RATED SPEC 1 1/2 HR. UL				
	DOOR SIZE - W X H in [mm]		42" [1067] X 84" [2140]			ENTRANCE HAND		LH		
	DOOR INTERLOCK		CSA - 200342			ENTRANCE FINISH		- STAINLESS	X POWDER COAT BEIGE	
	FIRE RATING		UL 1 1/2 HR			HALL STATION TYPE		X BUTTON	- WITH KEYED ACCESS	
	MANUFACTURER		OLS			HALL STATION FINISH		SATIN STAINLESS STEEL		
CAB	DOOR SAFETY RETAINER		YES		INTERMEDIATE FLOOR 1	FIRE SERVICE		- YES	X NO	
	ENCLOSURE		STEEL WITH APPLIED PLASTIC LAMINATE PANELS			FLOOR MARKING		P1		
	DOOR OPERATION (CSA APPROVED)		2 SPEED OLS			ENTRANCE HAND		LH		
	INTERLOCK		CONTACT ONLY			ENTRANCE FINISH		- STAINLESS	X POWDER COAT BEIGE	
	DOOR OPERATOR		OLS - CSA			HALL STATION TYPE		X BUTTON	- WITH KEYED ACCESS	
CARFRAME & PLATFORM	DOOR RE-OPENING		FULL LENGTH LIGHT CURTAIN		INTERMEDIATE FLOOR 2	HALL STATION FINISH		SATIN STAINLESS STEEL		
	DOOR SILL		EXTRUDED ALUMINUM			FIRE SERVICE		X YES	- NO	
	JOISTS / STRINGERS		16GA FORMED STEEL			FLOOR MARKING		*1		
	CROSSHEAD		7GA 8 X 2 FORMED STEEL			ENTRANCE HAND		LH		
	STILE		7GA 7 X 2 1/2 FORMED STEEL			ENTRANCE FINISH		- STAINLESS	X POWDER COAT BEIGE	
ADDITIONAL WEIGHTS	PLANK		7GA 7 X 2 FORMED STEEL		TOP FLOOR	HALL STATION TYPE		X BUTTON	- WITH KEYED ACCESS	
	CAB WEIGHT 975 [442.3]		TOE GUARD 57 [25.9]			HALL STATION FINISH		SATIN STAINLESS STEEL		
	HANG ON PANELS 175 [79.5]		CAB DOOR PANELS 45 [20.4]			FIRE SERVICE		- YES	X NO	
	HAND RAILS 25 [11.4]		DOOR OPERATOR 86 [39.0]			FLOOR MARKING		2		
	FAN 7.4 [3.36]		DROP DOWN CEILING 30 [13.6]			ENTRANCE HAND		LH		
	TOC 5.5 [2.47]		CAR FRAME 617 [280.4]			ENTRANCE FINISH		- STAINLESS	X POWDER COAT BEIGE	
	COP 50 [22.7]		FINISHED FLOOR ALLOWANCE 200 [91.0]			HALL STATION TYPE		X BUTTON	- WITH KEYED ACCESS	
TOTAL 2415 [1098.0]				OTHER	HALL STATION FINISH		SATIN STAINLESS STEEL			
					HOISTWAY ACCESS		X YES	- NO		
					FLOOR MARKING		3			
					FIRE SERVICE ALTERNATE FLOOR		P1			
					MACHINE ROOM LOCATION		SEE SECTION 1, PAGE 4 OF 7			
					CONTROLLER LOCATION		SEE SECTION 1, PAGE 4 OF 7			
					DRIVE LOCATION		SEE SECTION 1, PAGE 4 OF 7			
HYDRAULIC JACK (2 JACK SYSTEM)	JACK TYPE: 60-3Y		DIMENSION mm [in]		WEIGHT lbs [kg]		EMERGENCY POWER		- YES	X NO
	PLUNGER 1		O.D.		60.5 [2.4]		HEAT EXCHANGER		X YES	- NO
			WALL THICKNESS		4.3 [0.2]					
			LENGTH		3739.0 [147.2]					
	PLUNGER 2		O.D.		75.5 [3.0]					
			WALL THICKNESS		4.3 [0.2]					
			LENGTH		3669.0 [144.4]					
	PLUNGER 3		O.D.		90.5 [3.6]					
			WALL THICKNESS		4.3 [0.2]					
			LENGTH		3669.0 [144.4]					
REACTION FORCES	CYLINDER		O.D.		106.0 [4.2]					
			WALL THICKNESS		4.5 [0.2]					
			LENGTH		3579.0 [140.9]					
			HEAD THICKNESS		32.0 [1.25]					
	TOTAL WEIGHT PER JACK				397.8 [180.4]					
		FORCE ITEM		REACTION lb [kN]		APPROVED BY: NAME: DATE: SIGNATURE FINAL DRAWINGS				
		PIT (R)		16100 [71.62]						
		BUFFER (RB)		19457 [86.55]						
		F1		375 [1.67]						
		F2		180 [0.80]						
		SEISMIC CONDITION=0.26		REACTION FORCES ARE DOUBLED FOR IMPACT (PIT)						
PROJECT NAME:		FORESTSIDE EST. 1-2 BUILDING A		DRAWN BY: N.R.						
PROJECT NUMBER		ON01P19059		CHECKED BY: A.L.						
LOCATION		65 ATTMAR DR. BRAMPTON		DATE:						
ELEVATOR COMPANY		VERTECHS ELEVATOR SYSTEMS		26/05/2021						
GENERAL CONTRACTOR		ROYAL PINE HOMES		SCALE: NTS REV:0						
ARCHITECT		GRAZIANI + CORAZZA ARCHITECTS		SHEET: S1-P1/8						
DRAWING:		TECHNICAL DATA								

SECTION 1 NOT TO BE USED FOR CONSTRUCTION



FLOORS	DISTANCE (INCH)
P1 TO *1	165.35
*1 TO 2	116.14
2 TO 3	116.14



PROJECT NAME:	FORESTSIDE EST. 1-2 BUILDING A	DRAWN BY: N.R.	
PROJECT NUMBER	ON01P19059	CHECKED BY: A.L.	
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:	
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021	
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS	REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S1-P2/8	

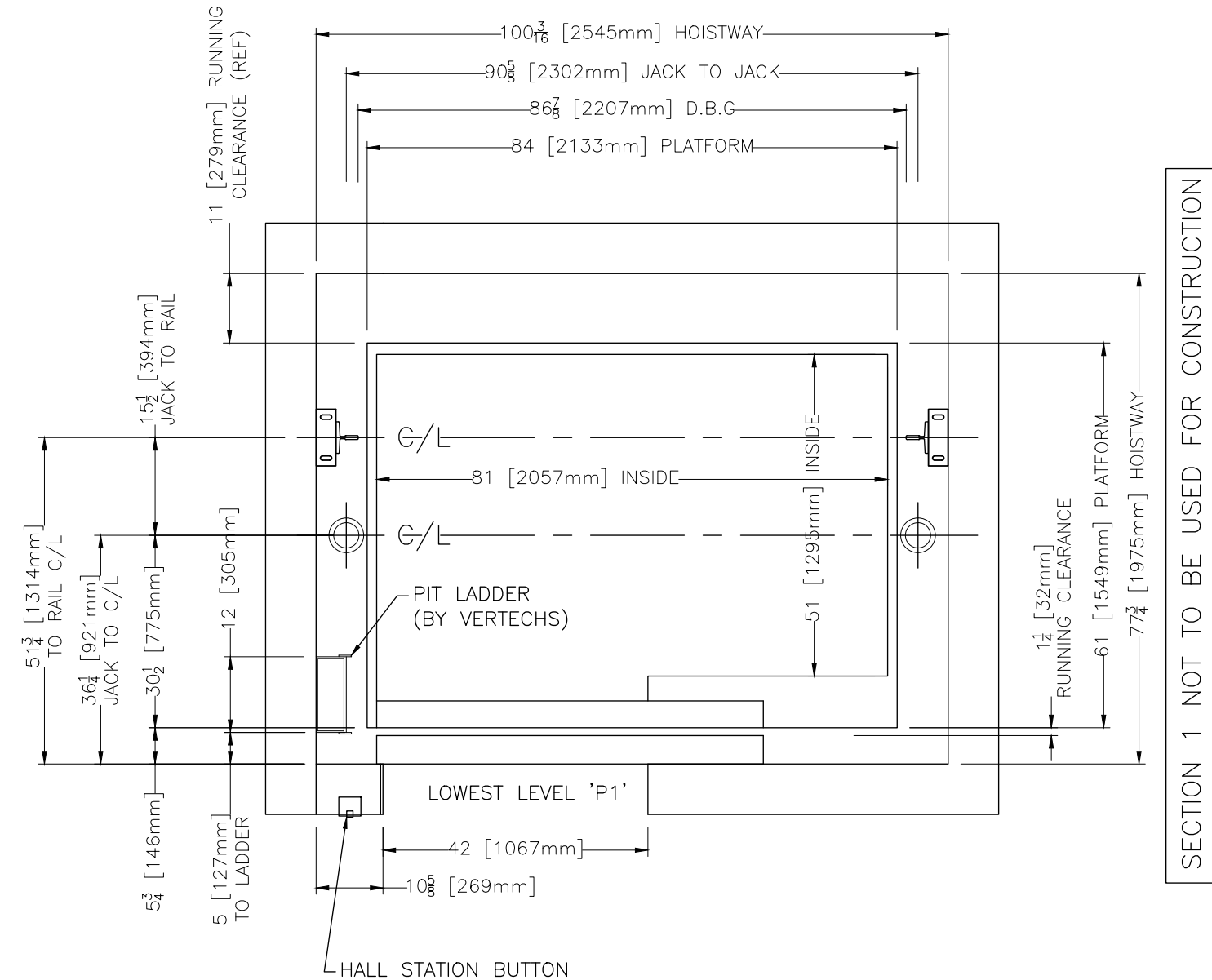
ELEVATION VIEW



HEADER AND SILLS TO BE INSTALLED AS PER ASME A17.1-2010/CSA B44-10, SECTION 2.11.11.8 HOISTWAY DOOR AND SAFETY RETAINERS. THE TOP AND BOTTOM OF HORIZONTALLY SLIDING DOORS SHALL BE PROVIDED WITH A MEANS OF RETAINING THE CLOSED DOOR PANEL IN POSITION IF THE PRIMARY GUIDING MEANS FAIL, AND PREVENTING DISPLACEMENT OF THE DOOR PANEL TOP AND BOTTOM BY MORE THAN 20mm (0.8 in.). WHEN THE DOOR PANEL IS SUBJECTED TO A FORCE OF 5000N (1,125 lbf) IN THE DIRECTION OF THE HOISTWAY APPLIED AT RIGHT ANGLES TO THE PANEL OVER AN AREA OF 300mm X 300mm (12 in. X 12 in.) AT THE APPROXIMATE CENTER OF THE PANEL. THE RETAINING MEANS SHALL ALSO WITHSTAND, WITHOUT DETACHMENT OR PERMANENT DEFORMATION, A FORCE OF 1000N (225 lbf) APPLIED UPWARD AT ANY POINT ALONG THE WIDTH OF THE DOOR PANEL AND, WHILE THIS FORCE IS MAINTAINED, AND ADDITIONAL FORCE OF 1100N (250 lbf) APPLIED AT RIGHT ANGLES TO THE DOOR AT THE CENTER OF THE PANEL. THIS FORCE SHALL BE DISTRIBUTED OVER AN AREA OF 300mm X 300mm (12 in. X 12 in.).

ASME A17.1-2010/CSA B44-10 SECTION 2.14.1.6.2 CAR ENCLOSURE TOPS. TWO UNOBSTRUCTED HORIZONTAL AREAS, EACH ONE NOT LESS THAN 350mm (14in.) BY 350mm (14in.), SHALL BE PROVIDED ON THE CAR TOP ENCLOSURE TOP. THE TWO UNOBSTRUCTED AREAS SHALL BE NO CLOSER TO ONE ANOTHER THAN 600mm (24in.), CENTERLINE TO CENTERLINE, APART. THE AREAS SHALL BE WITHIN THE PROJECTION OF THE ENCLOSURE TOP EXCLUSIVE OF THE AREA OUTSIDE OF A STANDARD RAILING (2.10.2), WHERE PROVIDED. THE TWO AREA MUST BE MINIMUM 890mm (35in.) BY 890mm (35in.)

FASCIA AS PER ASME A17.1-2010/CSA B44-10, SECTION 2.15.1.5.1



SECTION 1 NOT TO BE USED FOR CONSTRUCTION

FINAL  
DRAWINGS



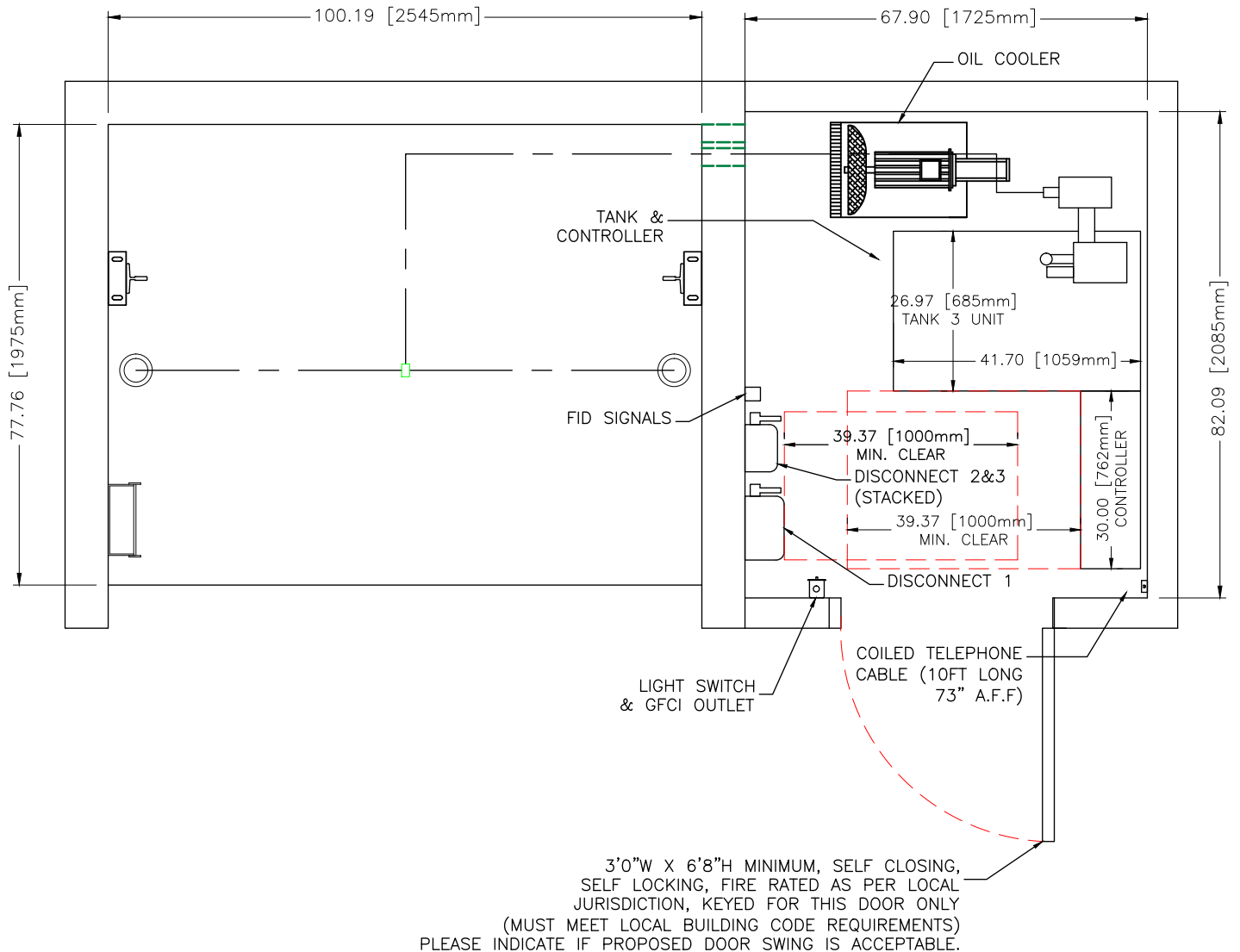
PROJECT NAME:	FORESTSIDE EST. 1-2 BUILDING A	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19059	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	REV: 0
DRAWING:	HOISTWAY PLAN VIEW	
		SHEET: S1-P3/8

SECTION 1 NOT TO BE USED FOR CONSTRUCTION

MACHINE ROOM LOCATION

ADJACENT

FLOOR P1



NOTE:  
 -COMPONENT LOCATIONS IN MACHINE ROOM MAY VARY FROM POSITIONS SHOWN PENDING ACTUAL SITE CONDITIONS  
 -SWING OF MACHINE ROOM DOOR SHALL NOT INTERFERE WITH REQUIRED ELECTRICAL CLEARANCES

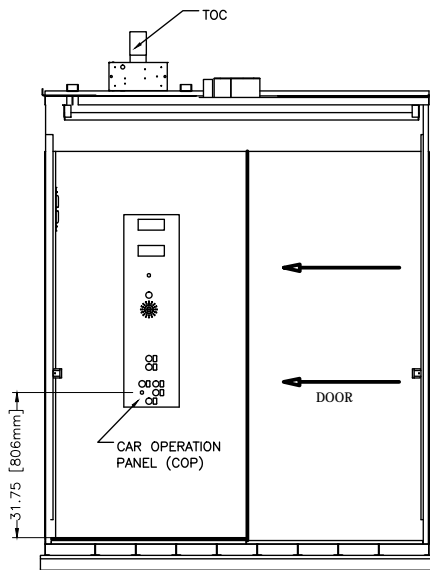
FINAL  
DRAWINGS



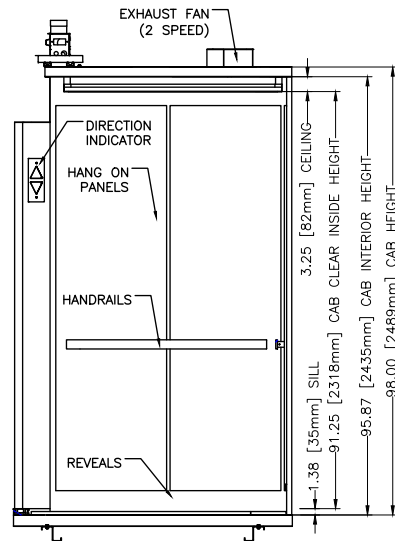
PROJECT NAME:	FORESTSIDE EST. 1-2 BUILDING A	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19059	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S1-P4/8

DRAWING:

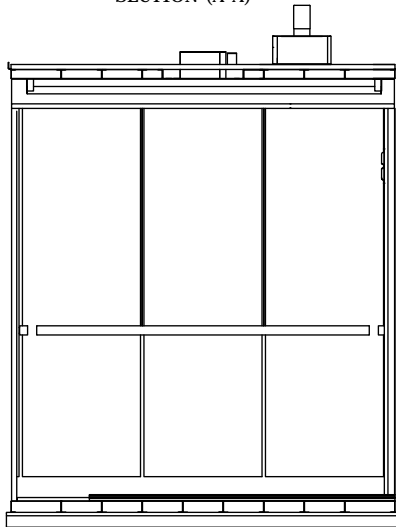
MACHINE ROOM



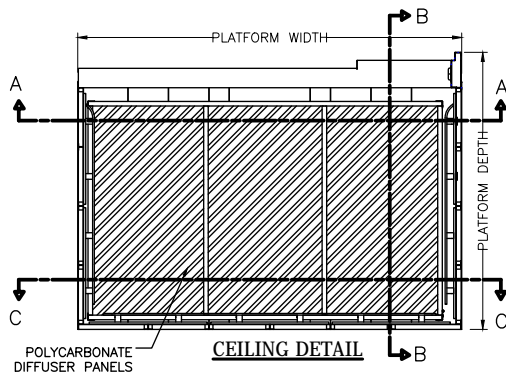
**VIEW FROM INSIDE CAB  
DOOR, FRONT RETURN AND C.O.P  
SECTION (A-A)**



**VIEW FROM INSIDE CAB  
"SIDE WALL"  
SECTION (B-B)**



**VIEW FROM INSIDE CAB BACK WALL (SECTION C-C)**



**CEILING DETAIL**

GENERAL	PLATFORM SIZE	84" [2134] WIDE X 61" [1549] DEEP	
	ENTRANCE	42" [1067] WIDE X 84" [2134] HIGH	
	INSIDE CAB SIZE	81" [2057] WIDE X 51" [1295] DEEP	
	EMERGENCY LIGHT	IN CAR OPERATING PANEL	
	PAD HOOKS	X YES	- NO
	PROTECTION PADS	X YES	- NO
	EXHAUST FAN	2 SPEED	
	CAB LIGHT	LED LIGHTING	
	CEILING PANELS	X POLYCARBONATE	- 6 SS PANELS
	HANDRAIL TYPE	X FLAT	- ROUND
FINISHES	HANDRAIL FINISH	SATIN STAINLESS STEEL	
	CAB SILL	EXTRUDED ALUMINUM	
	CERTIFICATE FRAME	SATIN STAINLESS STEEL	
	CAB ENTRANCE	SATIN STAINLESS STEEL	
	CEILING FRAME	X BLACK POWDER COAT	- SATIN STAINLESS STEEL
	CAB REVEALS	X BLACK POWDER COAT	- SATIN STAINLESS STEEL

FINAL  
DRAWINGS



PROJECT NAME:	FORESTSIDE EST. 1-2 BUILDING A	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19059	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS/REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S1-P5/8
DRAWING:	CAB DETAILS	

SECTION 1 NOT TO BE USED FOR CONSTRUCTION



**Thermo Walnut  
(6402)**



**Natural Teak  
(8849)**



**Pecan Woodline  
(5883)**



**Natural Birch  
(7481)**



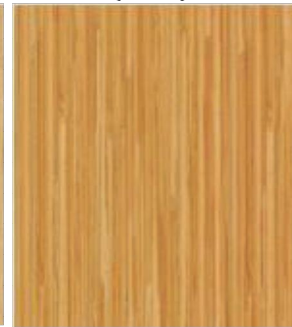
**Cherry Heartwood  
(9240)**



**Wild Cherry  
(5904)**



**Natural Ash  
(8843)**



**Natural Cane  
(6930)**



**Blackened Legno  
(8848)**



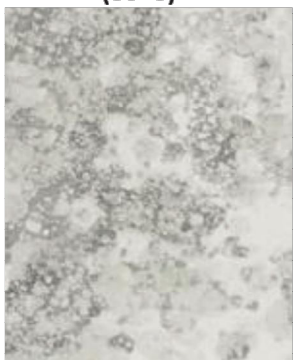
**Storm Teakwood  
(8908)**



**Fox Teakwood  
(8907)**



**Mouse  
(928)**



**Bubble Art  
(8958)**



**Portico Marble  
(7735)**



**Sarum Twill  
(8827)**



**Neutral Twill  
(8826)**

Please do not return marked up drawings to Vertechs unless the Plastic Laminate number and name is identified together with the completed Supplementary Owners Report (SOR). Standard laminate finishes shown above, additional finishes are available at an increased cost.

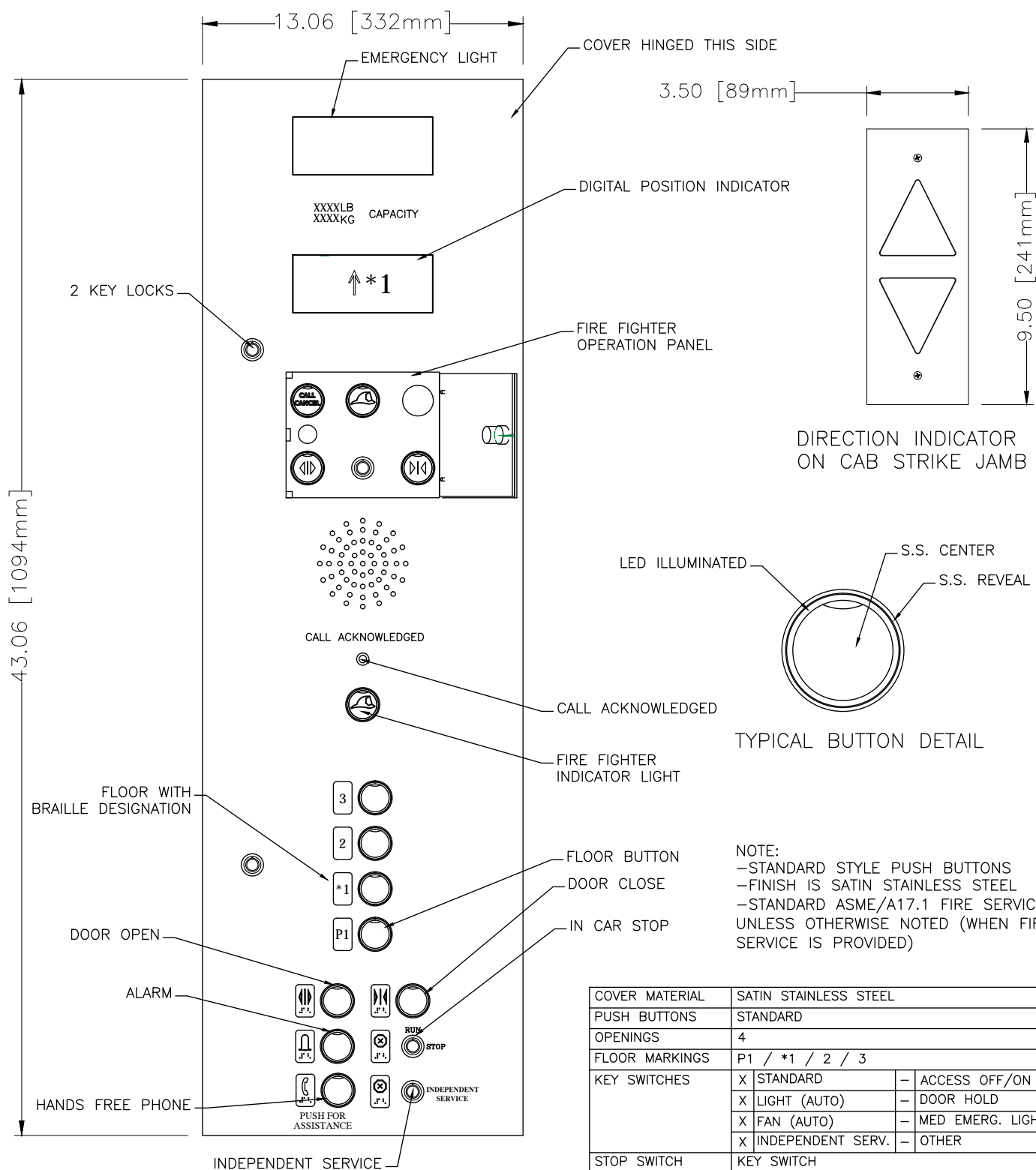
FORMICA LAMINATE FINISH #	8907-58
FORMICA LAMINATE NAME	FOX TEAKWOOD

FINAL DRAWINGS

PROJECT NAME:	FORESTSIDE EST. 1-2 BUILDING A	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19059	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	REV: 0
DRAWING:	SHEET: S1-P6/8	

LAMINATE FINISH

SECTION 1 NOT TO BE USED FOR CONSTRUCTION



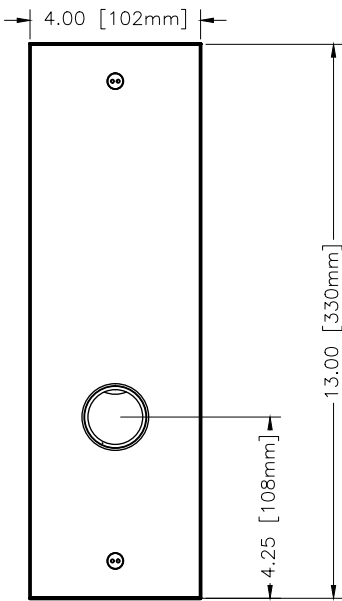
SECTION 1 NOT TO BE USED FOR CONSTRUCTION

COVER MATERIAL	SATIN STAINLESS STEEL		
PUSH BUTTONS	STANDARD		
OPENINGS	4		
FLOOR MARKINGS	P1 / *1 / 2 / 3		
KEY SWITCHES	X	STANDARD	- ACCESS OFF/ON
	X	LIGHT (AUTO)	- DOOR HOLD
	X	FAN (AUTO)	- MED EMERG. LIGHT
	X	INDEPENDENT SERV.	- OTHER
STOP SWITCH	KEY SWITCH		
FIRE SERVICE	X	YES	- NO
TELEPHONE	INSIDE COMPARTMENT, CALL WITH PUSHBUTTON		
ENGRAVING	2500lb / 1136kg		
NUDGING BUZZED	X	YES	- NO

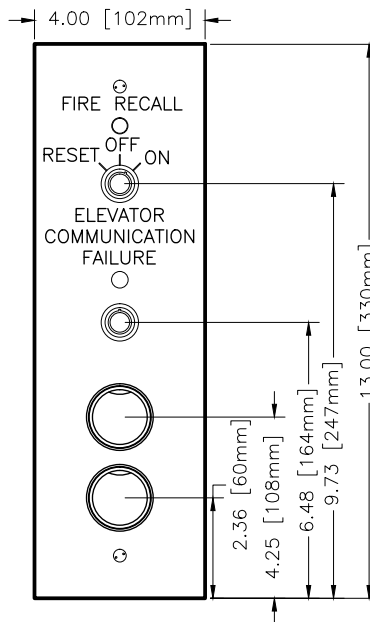
FINAL  
DRAWINGS



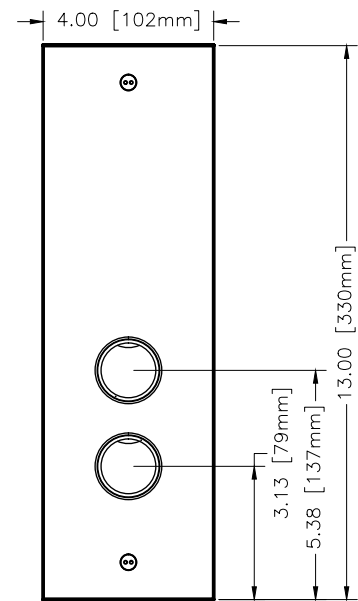
PROJECT NAME:	FORETSIDE EST. 1-2 BUILDING A	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19059	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS/REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S1-P7/8
DRAWING:	CAR OPERATING PANEL	



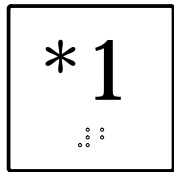
FLOOR — P1



FLOOR — \*1

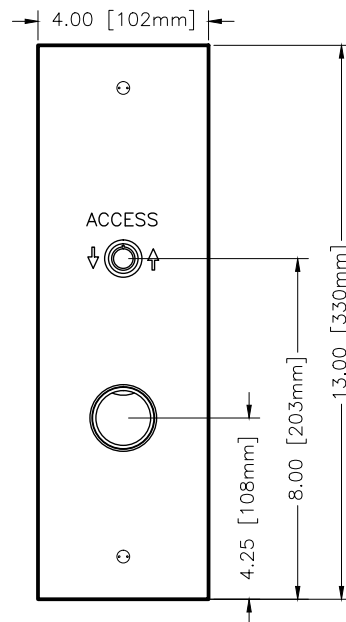


FLOOR — 2



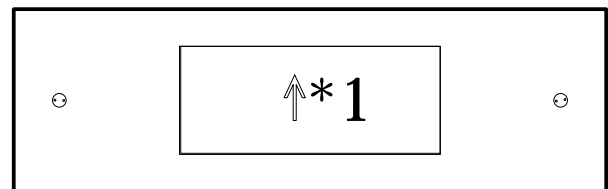
BRaille / FLOOR JAMB PLATE  
(NOTE: AS PER FLOOR DESIGNATION)

ALL FLOORS



FLOOR — 3

MAIN FLOOR (\*1) ONLY



HALL P.I. / D.I.  
(F)

NOTE:  
 —STANDARD STYLE PUSH BUTTONS  
 —FINISH IS SATIN STAINLESS STEEL  
 —STANDARD ASME/A17.1 FIRE SERVICE UNLESS OTHERWISE NOTED (WHEN FIRE SERVICE IS PROVIDED)  
 —STANDARD 13" X 4" HALL STATION COVERS REQUIRE 12.125" HIGH X 3.125" WIDE X 3" DEEP CUT-OUT

SECTION 1 NOT TO BE USED FOR CONSTRUCTION

FINAL  
DRAWINGS



PROJECT NAME:	FORESTSIDE EST. 1-2 BUILDING A	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19059	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S1-P8/8

DRAWING:

HALL FIXTURES

# SECTION 2 HOISTWAY DETAILS

PROJECT NAME | FORESTSIDE EST. 1-2 BUILDING A  
PROJECT NUMBER | ON01P19059

FINAL DRAWINGS

100 <sup>3</sup>/<sub>16</sub> [2545mm] HOISTWAY

197 <sup>1</sup>/<sub>2</sub> [4993mm] HOISTWAY

65 <sup>7</sup>/<sub>8</sub> [1673mm]

65 <sup>7</sup>/<sub>8</sub> [1673mm]

65 <sup>7</sup>/<sub>8</sub> [1673mm]

14g [378mm]

14g [378mm]

48 [1219mm]

10.25 [260mm]

RAIL BRACKETS TO BE WELDED TO STEEL BEAMS

PIT DRAIN  
SEE NOTE 20

FLOORS: P1 / \*1 / 2 / 3

HOISTWAY

## HOISTWAY PIT

14. DEPTH AND SIZE MUST BE AS SHOWN ON DRAWING.
15. WALLS MUST BE FLUSH WITH HOISTWAY WALLS (NO STEPS).
16. MUST BE SQUARE WITHIN 1/4" IN ANY DIRECTION OVER ENTIRE DIMENSION AND STILL MAINTAIN SIZE.
17. MUST BE CLEAN, DRY AND FREE OF ANY IRREGULARITIES.
18. FLOOR MUST BE CLEAN, FLAT AND FREE FROM ANY IRREGULARITIES.
19. FLOOR MUST BE ABLE TO SUPPORT PIT REACTIONS AS SHOWN ON DRAWING SECTION 1, PAGE 1.
20. DRAIN, IF PROVIDED, MUST BE LARGE ENOUGH TO EVACUATE 3,000 GAL/HR, EITHER BY GRAVITY OR PUMP. DRAIN MUST BE GRATED, FLUSH WITH PIT FLOOR. DRAIN MUST BE DESIGNED TO PREVENT GAS OR VAPOR ENTERING THE HOISTWAY. DRAIN MUST BE DESIGNED TO PREVENT WATER ENTERING THE PIT (BACK FLOW PREVENTOR / NON-RETURN VALVE). A PIT DRAIN MUST BE INSTALLED. SUMP PUMP SHALL NOT BE LOCATED IN PIT. DRAIN TO BE ZURN # Z-189-VP DRAIN OR EQUIVALENT (TO BE FLUSH WITH PIT FLOOR)

RAIL BRACKET DETAILS  
PART# 202208

An isometric drawing of a mechanical part. It features a central rectangular slot and four rectangular holes, two on each side of the slot. The part is shown from an isometric perspective, highlighting its three-dimensional structure.



**Vertechs**  
World-Class Elevators

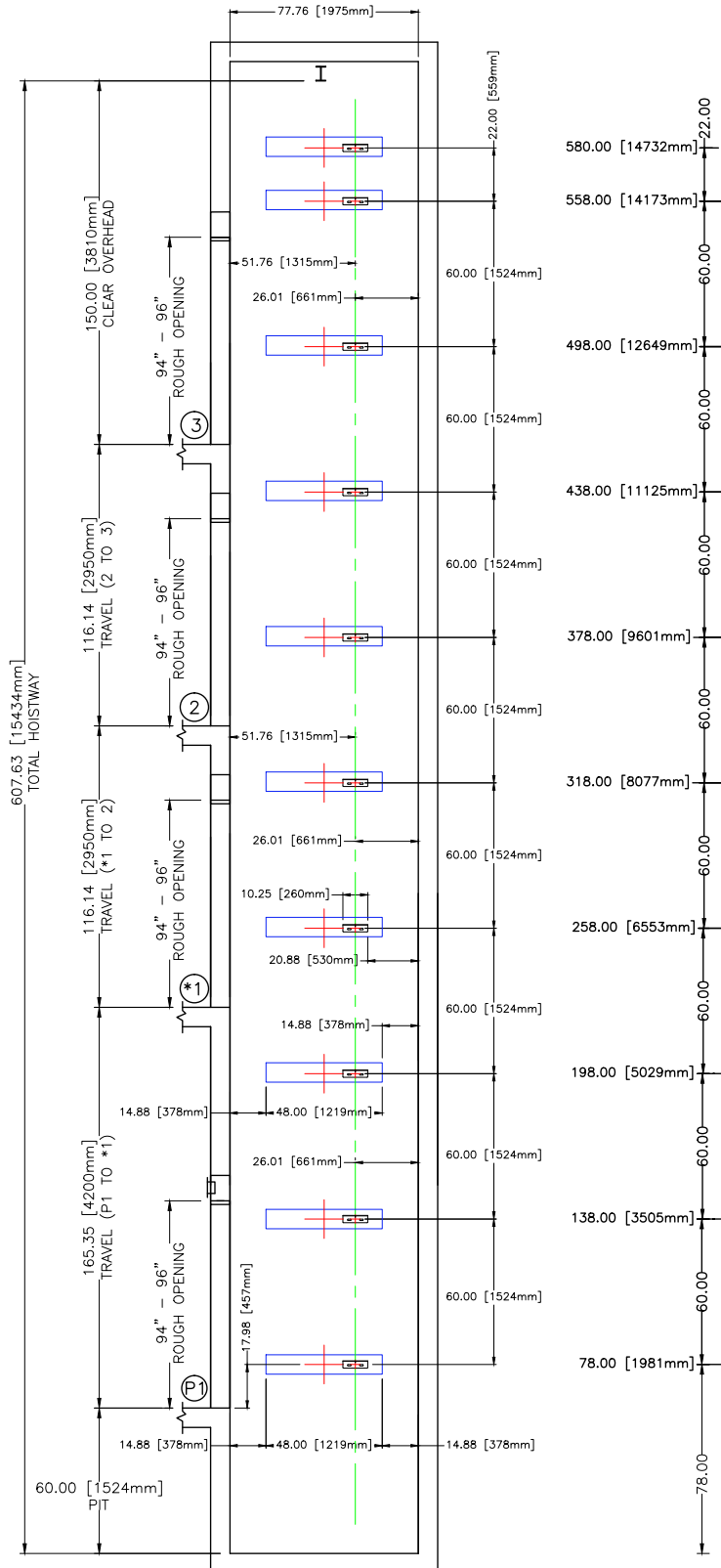
PROJECT NAME:	FORESTSIDE EST. 1-2 BUILDING A	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19059	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS REV:0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S2-P1/5

WELDED RAIL BRKTS



RAIL BRACKETS MUST BE PLUMB, SQUARE & LEVEL. ORIENT BRACKETS AS SHOWN IN DETAILS.

10	580"	WELDED
9	558"	WELDED
8	498"	WELDED
7	438"	WELDED
6	378"	WELDED
5	318"	WELDED
4	258"	WELDED
3	198"	WELDED
2	138"	WELDED
1	78"	WELDED
BRACKET NUMBER	BRACKET ELEVATION	TYPE



RAIL BRACKETS TO BE WELDED IN PLACE AS SHOWN. STEEL BEAM SHOWN FOR REFERENCE, CENTER BEAMS ON BOTH SIDES OF THE ELEVATOR SHAFT, MINIMUM LENGTH SHOWN FOR REFERENCE,

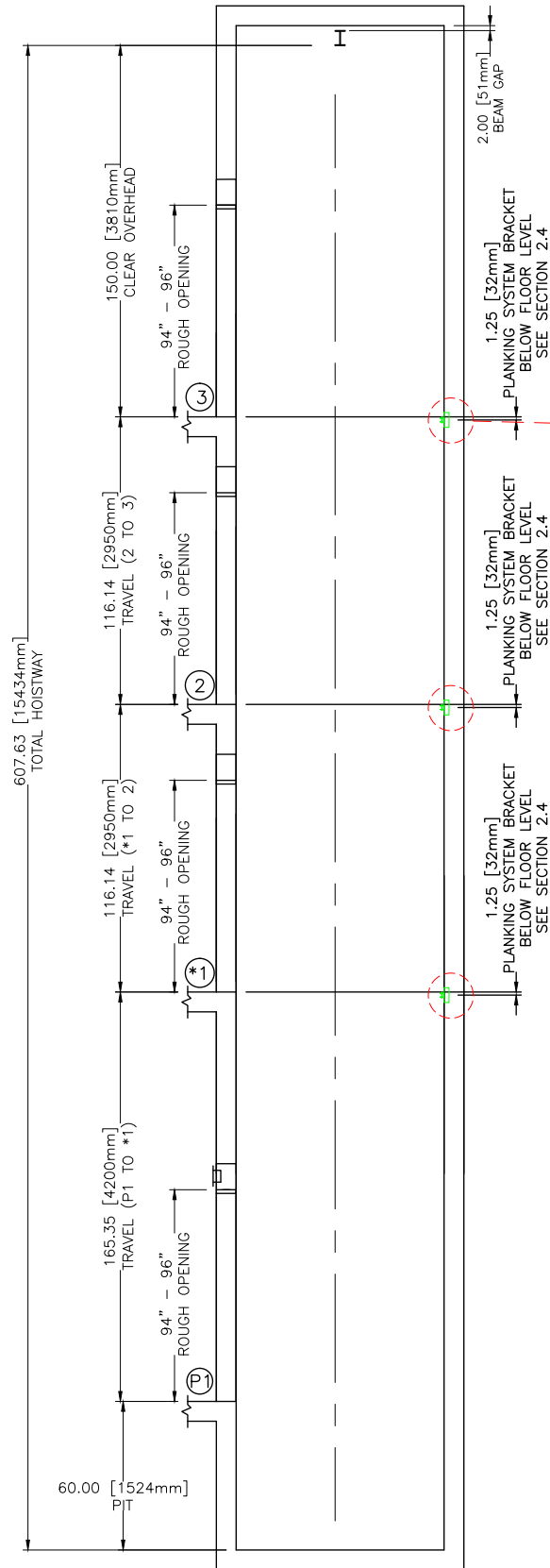
THE MAXIMUM ALLOWABLE SPACING BETWEEN RAIL BRACKETS IS 64", PLEASE INDICATE ANY DISCREPANCIES.

VERTICAL SPACING OF STEEL BEAMS  
AND RAIL BRACKETS

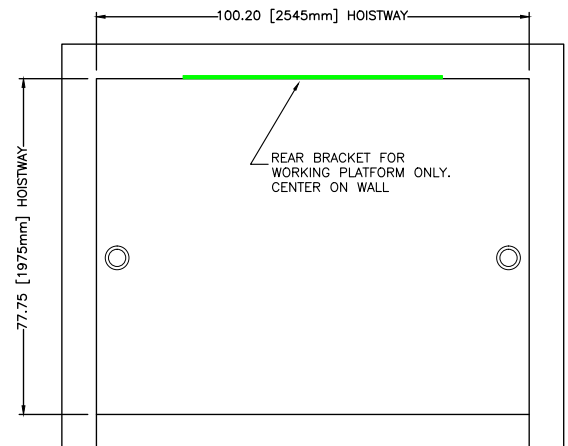
SECTION "A-A", SEC 2 PG 1 OF 5)

FINAL  
DRAWINGS

PROJECT NAME:	FORESTSIDE EST. 1-2 BUILDING A	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19059	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S2-P2/5
DRAWING:	WELDED RAIL BRKT	



INSTALL 3 BRACKETS FOR TEMPORARY WORKING PLATFORM. BRACKETS TO BE 1.25" BELOW FLOOR \*1, 2 & 3 ON THE HOISTWAY REAR WALL AS SHOWN.

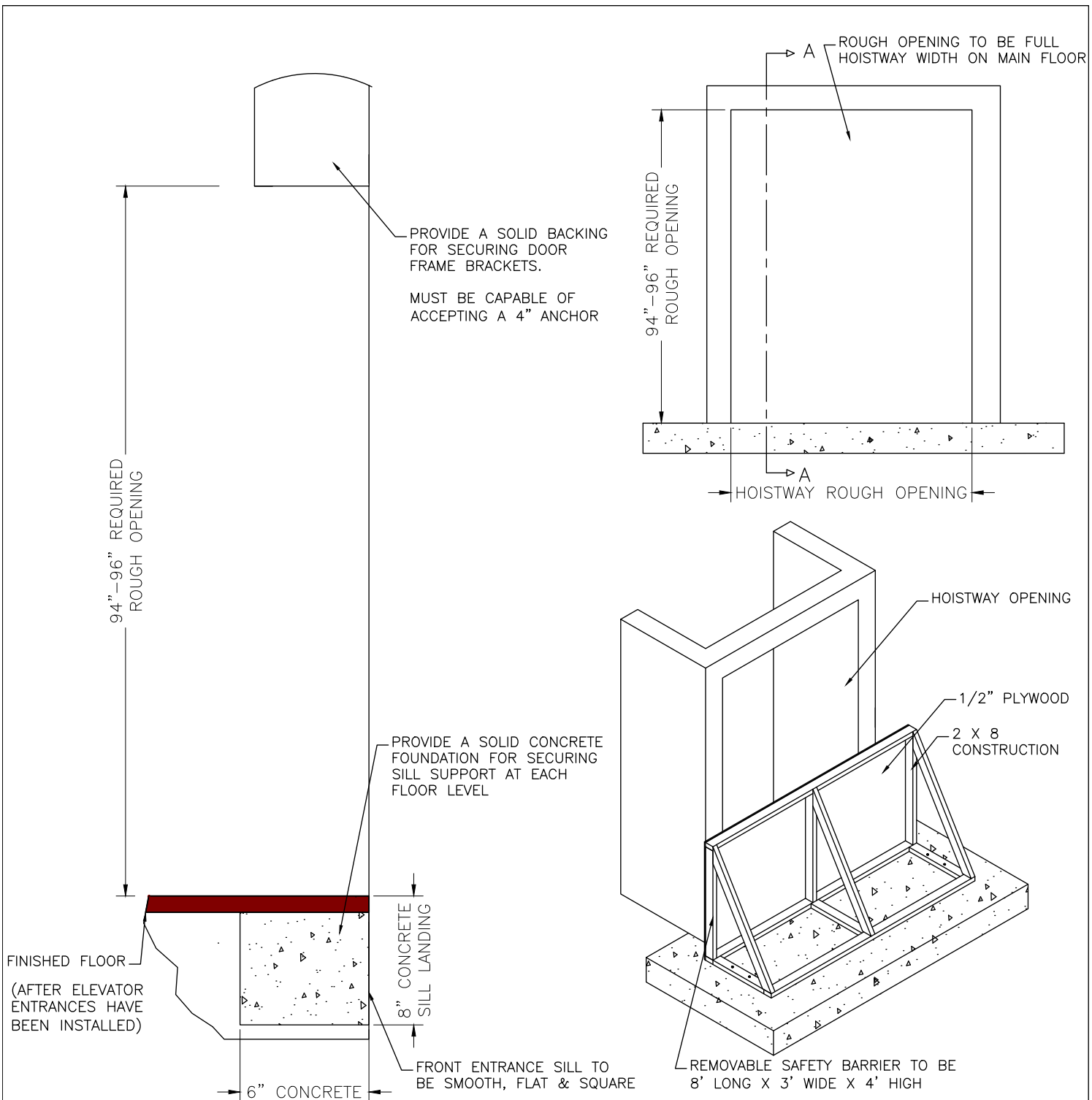


FINAL  
DRAWINGS



PROJECT NAME:	FORESTSIDE EST. 1-2 BUILDING A	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19059	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S2-P3/5

DRAWING: TEMP WORK PLATFORM



SECTION A-A

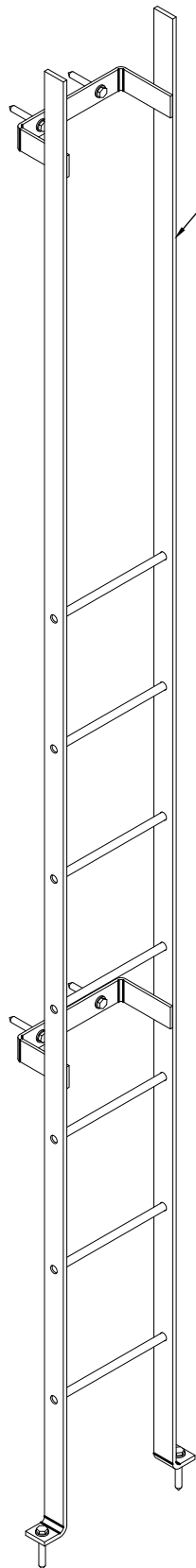
FINAL  
DRAWINGS



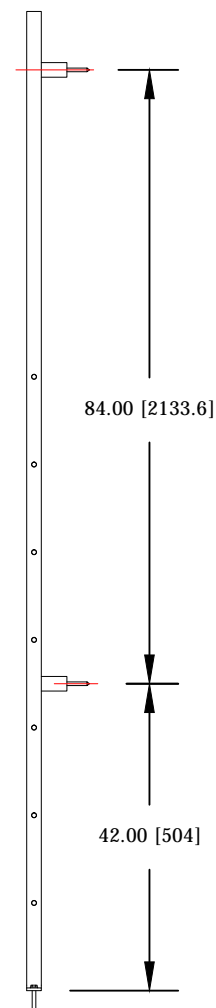
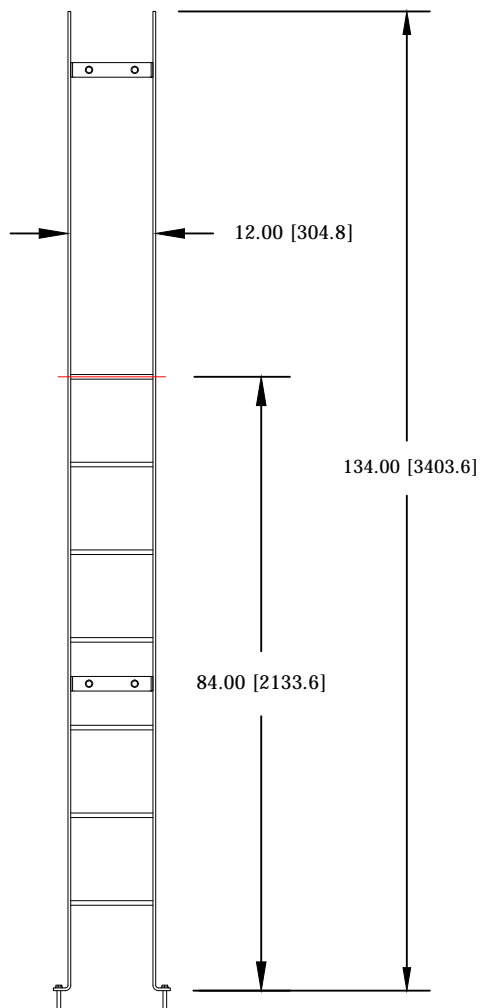
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PROJECT NUMBER	ON01P19059	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S2-P4/5

DRAWING:

ROUGH OPENING



LADDERS SUPPLIED  
BY VERTECHS



FINAL  
DRAWINGS



PROJECT NAME:	FORETSIDE EST. 1-2 BUILDING A	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19059	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S2-P5/5
DRAWING:	PIT LADDER	

SECTION 3  
MACHINE ROOM  
CONSTRUCTION DETAILS

PROJECT NAME | FORESTSIDE EST. 1-2 BUILDING A  
PROJECT NUMBER | ON01P19059

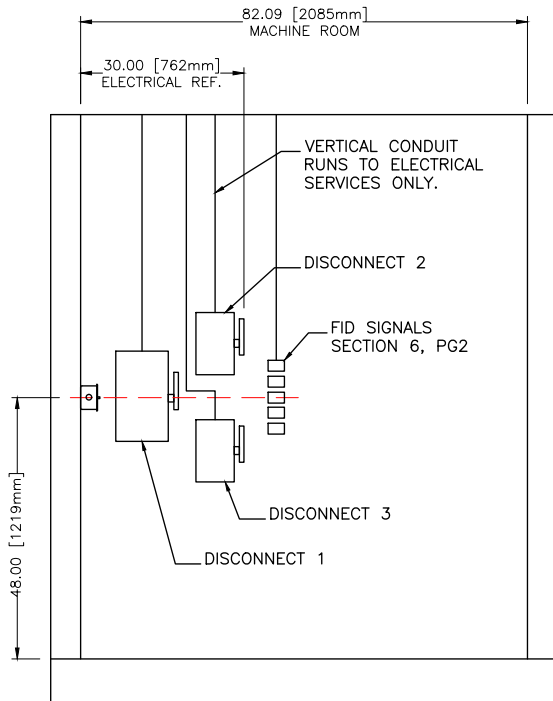
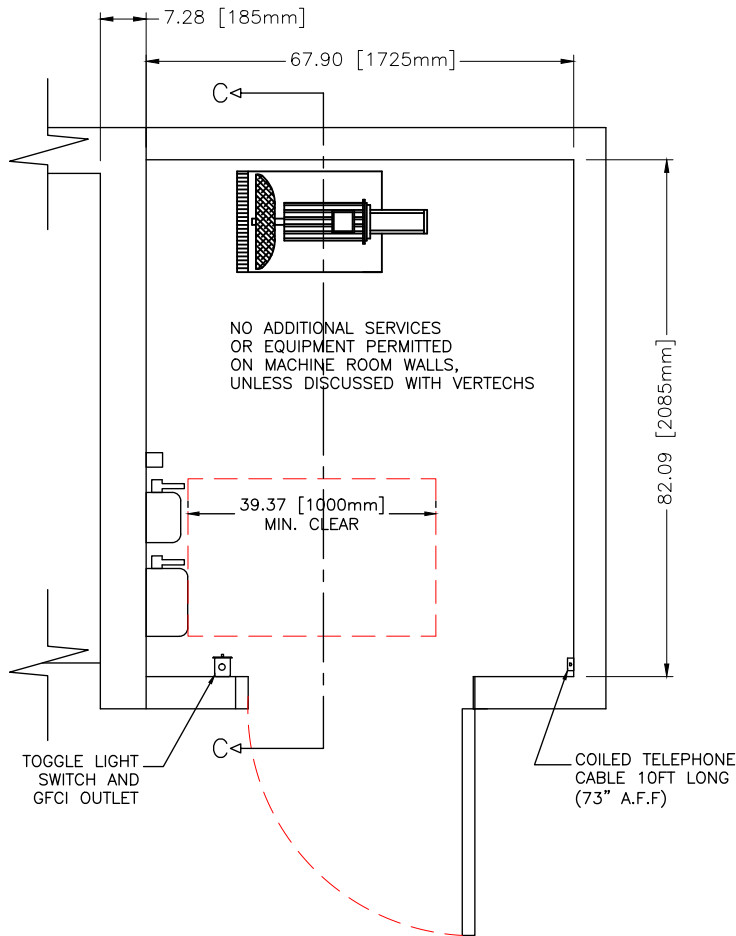
FINAL DRAWINGS



# SECTION 4 ELECTRICAL DETAILS

PROJECT NAME | FORESTSIDE EST. 1-2 BUILDING A  
PROJECT NUMBER | ON01P19059

FINAL DRAWINGS



SECTION C-C

ELECTRICAL - MACHINE ROOM

TELEPHONE

AIR CONDITIONING

## PROVISIONS BY OTHERS: MACHINE ROOM ELECTRICAL

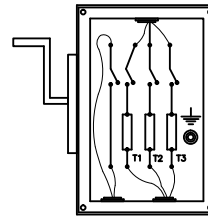
ALL RULES FOLLOW ASME A17.1-2010/CSA B44-10 BASED ON THE LATEST REVISION

1. ELECTRICAL DISCONNECTS AS SPECIFIED SHALL BE LOCATED IN MACHINE ROOM AS SHOWN.
2. PERMANENT POWER MUST BE RUN TO DISCONNECTS PRIOR TO ELEVATOR INSTALLATION STARTING.
3. ELECTRICAL CONTRACTOR TO RUN FEEDER LINES IN CONDUIT FROM MAIN DISCONNECT TO ELEVATOR CONTROLLER.
4. DISCONNECTS MUST BE FITTED WITH FUSES AS SPECIFIED ON DRAWING PRIOR TO ELEVATOR INSTALLATION STARTING.
5. CLEARANCE ON FRONT OF DISCONNECTS MUST BE A MINIMUM OF 39" [1000mm] AS SHOWN ON ELEVATOR DRAWING.
6. DISCONNECTS MUST BE PROPERLY GROUNDED TO BUILDING GROUND.
7. FEED WIRE SIZE AND CONNECTIONS FROM DISCONNECTS TO ELEVATOR CONTROLLER SHALL BE AS SHOWN ON DRAWING.
8. MACHINE ROOM LIGHT SWITCH SHALL BE LOCATED AS SHOWN ON DRAWING. VERIFY SWING OF DOOR WITH GC PRIOR TO FITTING LIGHT SWITCH.
9. PERMANENTLY GUARDED LIGHTING SHALL BE PROVIDED IN MACHINE ROOM. LIGHTING MUST BE A MINIMUM OF 200lx (19FC) IN ANY AREA OF THE MACHINE ROOM.
10. MACHINE ROOM 110V AC GFCI SHALL BE LOCATED AS SHOWN ON DRAWING.
11. NO OTHER ELECTRICAL SERVICES OR DEVICES ARE PERMITTED IN THE ELEVATOR MACHINE ROOM.

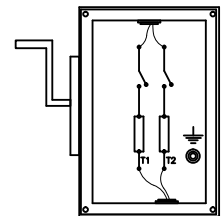
12. JACK MUST BE ACTIVE AND TAGGED WITH 24/7 EMERGENCY TELEPHONE THAT CAN BE PROGRAMMED INTO THE ELEVATOR EMERGENCY TELEPHONE. THIS MUST BE ARRANGED PRIOR TO ELEVATOR INSTALLATION STARTING.

13. AIR CONDITIONING DEVICES NOT TO BE PLACED IN MACHINE ROOM, UNLESS DISCUSSED WITH ELEVATOR CONTRACTOR.
14. MACHINE ROOM TEMPERATURE SHALL BE CONTROLLED BETWEEN 60°F (16°C) AND 90°F (32°C).
15. MACHINE ROOM SHALL BE ADEQUATELY VENTED AS REQUIRED BY CODE.

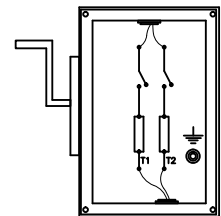
AUX POWER TO BE N/C WHEN POWER IS ON



MAIN DISCONNECT 1  
3 PHASE WITH AUX CONTACT  
575 VOLT (FUSED)  
FULL LOAD AMPS: 30.4  
SIZE DISCONNECT ACCORDINGLY



DISCONNECT 2 (CAB LIGHTS)  
120 VOLT, 15 AMP (FUSED)  
SINGLE PHASE



DISCONNECT 3 (OIL COOLER)  
220 VOLT, 20 AMP (FUSED)  
SINGLE PHASE

FINAL  
DRAWINGS



PROJECT NAME:	FORESTSIDE EST. 1-2 BUILDING A	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19059	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS/REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S4-P1/2

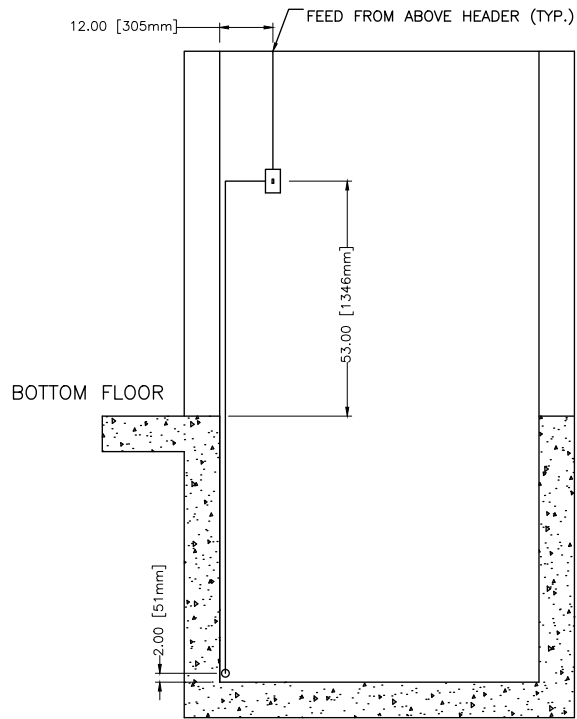
DRAWING: MACHINE ROOM ELECTRICAL



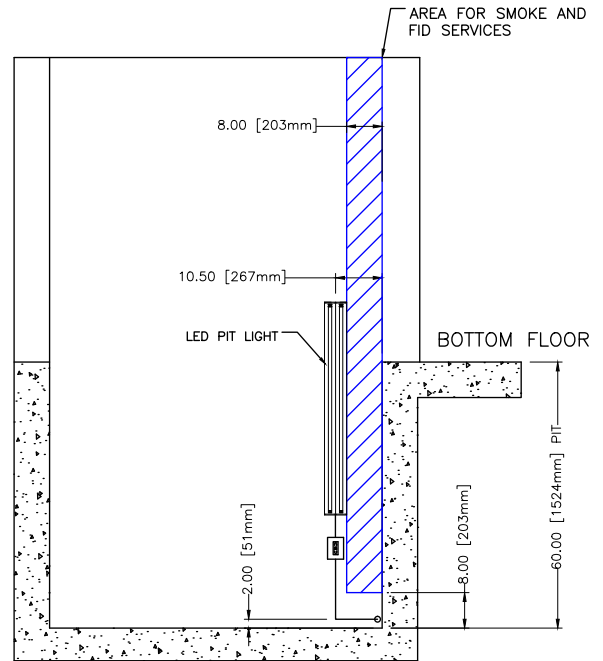
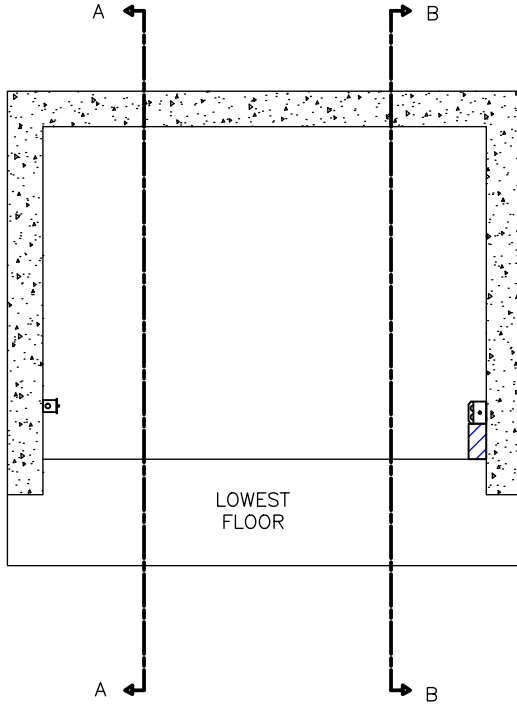
# PROVISIONS BY OTHERS:

ELECTRICAL  
PIT

13. PIT LIGHT SWITCH, GFCI RECEPTACLE AND GUARDED LIGHT SHALL BE LOCATED IN PIT AS SHOWN ON DRAWING.
14. CONDUIT RUN TO THESE DEVICES SHALL BE AS SHOWN ON DRAWINGS PROVIDED.
15. PERMANENTLY GUARDED LIGHTING IN PIT SHALL BE A MINIMUM OF 100lx (10FC) MEASURED IN ALL AREAS AT PIT FLOOR.
16. PIT ELECTRICAL MUST BE INSTALLED IN HOISTWAY PRIOR TO ELEVATOR INSTALLATION.

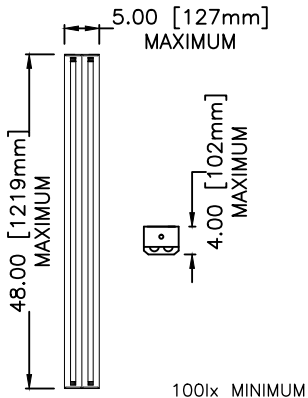


SECTION A-A



SECTION B-B

## LED LIGHT DETAIL



## NOTE\*:

ALL ELECTRICAL WIRING AND CONDUIT RUNS TO BE 'BURIED' INSIDE WALLS IF POSSIBLE, OTHERWISE, ENSURE ALL CONDUIT RUNS VERTICALLY DOWN INTO PIT. ANY HORIZONTAL RUNS TO BE KEPT 2" OFF PIT FLOOR.

FINAL DRAWINGS



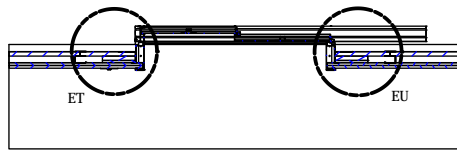
PROJECT NAME:	FORESTSIDE EST. 1-2 BUILDING A	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19059	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S4-P2/2

DRAWING: HOISTWAY PIT ELECTRICAL

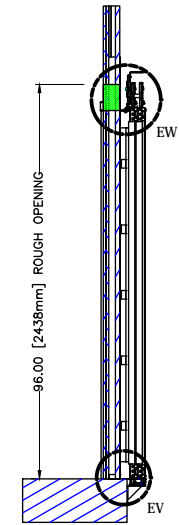
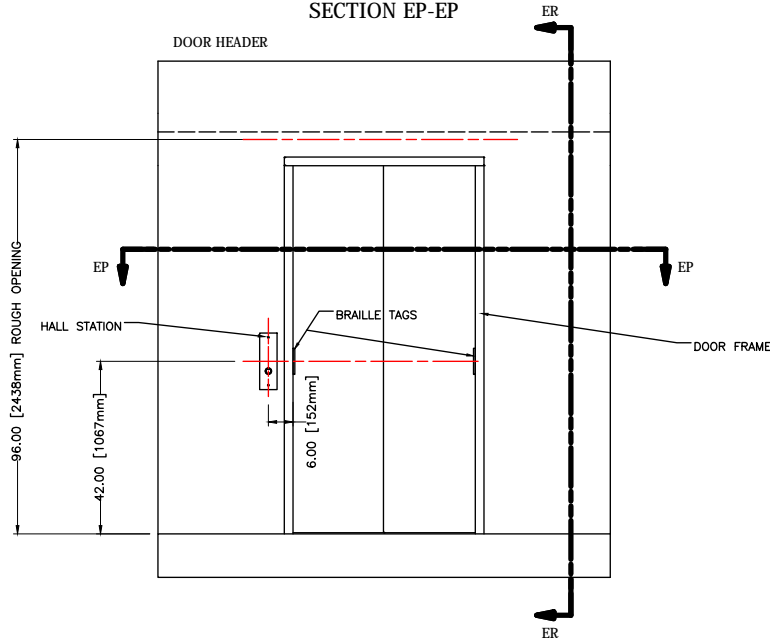
# SECTION 5 ENTRANCE DETAILS

PROJECT NAME | FORESTSIDE EST. 1-2 BUILDING A  
PROJECT NUMBER | ON01P19059

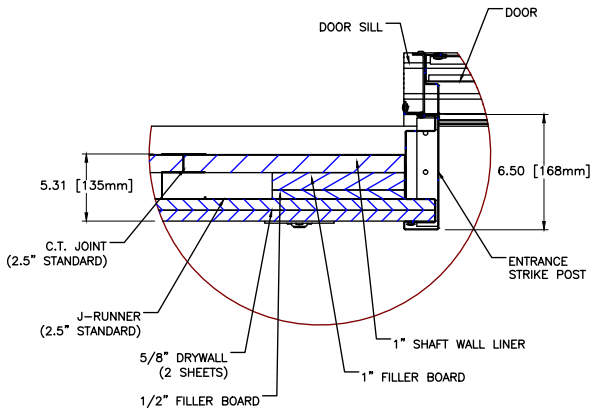
FINAL DRAWINGS



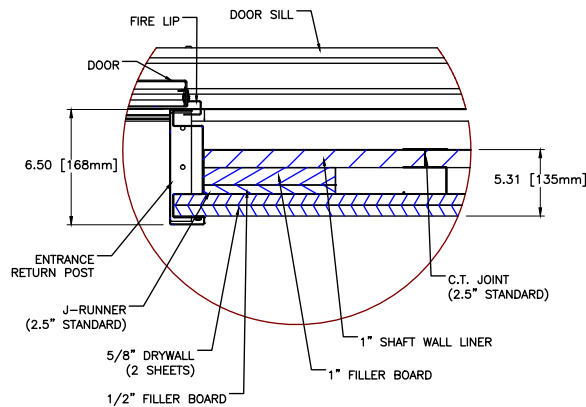
SECTION EP-EP



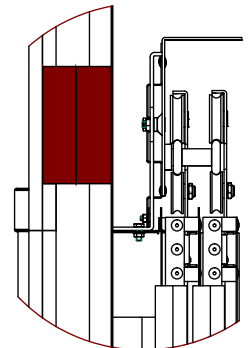
SECTION ER-ER



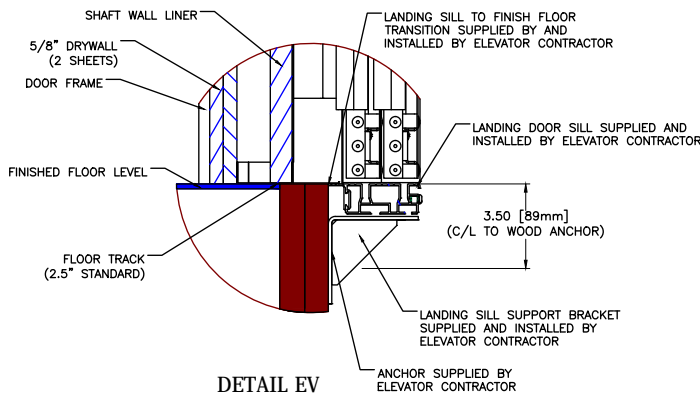
DETAIL ET



DETAIL EU



DETAIL EW



DETAIL EV

NOTE:

1. ENTRANCE WALLS NOT TO BE BUILT UNTIL ENTRANCE FRAMES ARE SET. PROVIDE GROUTING BETWEEN FINISHED FRAMES AND SILL, INCLUDING PATCHING, CAULKING, AND TOUCH UP WORK.
2. ENTRANCE FRAMES ARE NOT DESIGNED TO SUPPORT OVERHEAD WORK LOADS.
3. TAKE CAUTION TO NOT MOVE DOOR FRAME WHEN FINISHING ENTRANCE WALL.

FINAL  
DRAWINGS

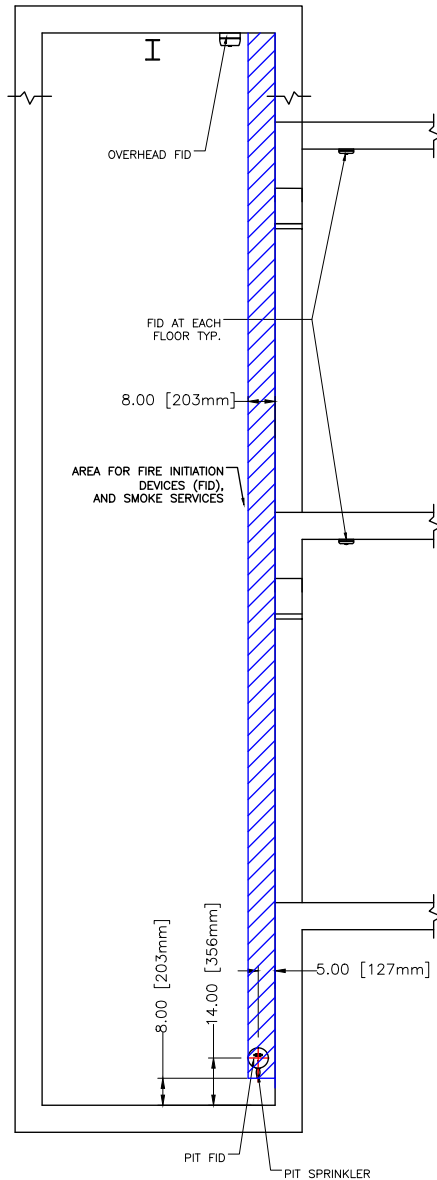


PROJECT NAME:	FORESTSIDE EST. 1-2 BUILDING A	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19059	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS/REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S5-P1/1
DRAWING:	ENTRANCE DETAILS	

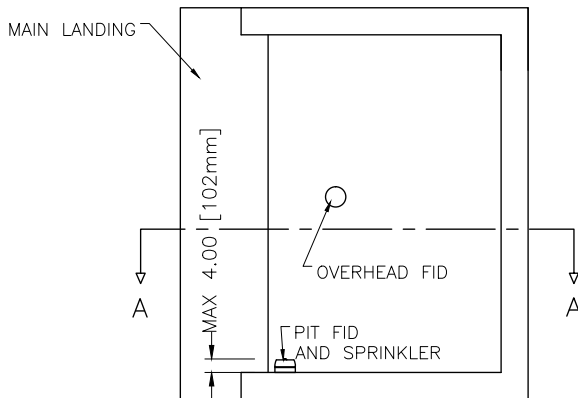
# SECTION 6 FIRE SERVICE DETAILS

PROJECT NAME | FORESTSIDE EST. 1-2 BUILDING A  
PROJECT NUMBER | ON01P19059

FINAL DRAWINGS



SECTION A-A



SPRINKLERS AND  
SMOKE DETECTORS

FIRE DETECTION AND SUPPRESSION

ALL RULES FOLLOW ASME A17.1-2010/CSA B44-10 BASED ON THE LATEST REVISION

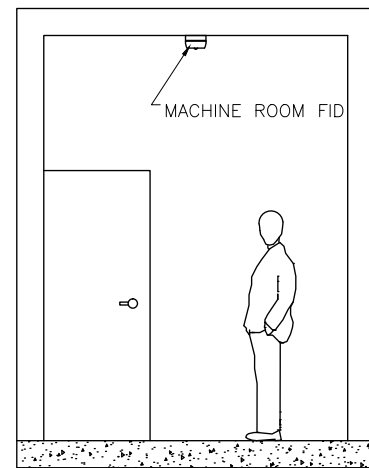
1. SPRINKLERS (IF REQUIRED), SMOKE DETECTORS, HEAT DETECTORS AND SUMP PUMP SHALL NOT BE LOCATED IN HOISTWAY OR MACHINE ROOM UNLESS DISCUSSED WITH ELEVATOR COMPANY.
2. SPRINKLERS SHALL CONFORM TO NFPA-13 AND NBCC IN ADDITION TO ASME17.1-2010/CSA B44-10 SECTION 2.8.3.3.
3. SMOKE AND HEAT DETECTORS (FIRE DETECTORS) SHALL CONFORM TO NFPA-72 AND NBCC IN ADDITION TO ASME 17.1-2010/CSA B44-10 SECTION 2.27.3.2.
4. ALL N/O DRY CONTACTS FROM ALL DETECTORS TO BE RAN TO MACHINE ROOM AND LABELED WITH LOCATION.
5. NO SPRINKLER HORIZONTAL PIPE RUNS IN THE HOISTWAY.
6. SPRINKLERS TO BE FLUSH MOUNTED IN THE HOISTWAY.

NOTE:

FID = FIRE INITIATION DEVICES

---  
RUN ALL FID CONDUCTORS TO MACHINE ROOM AND ADDRESS FID CONDUCTORS AS FOLLOWS:

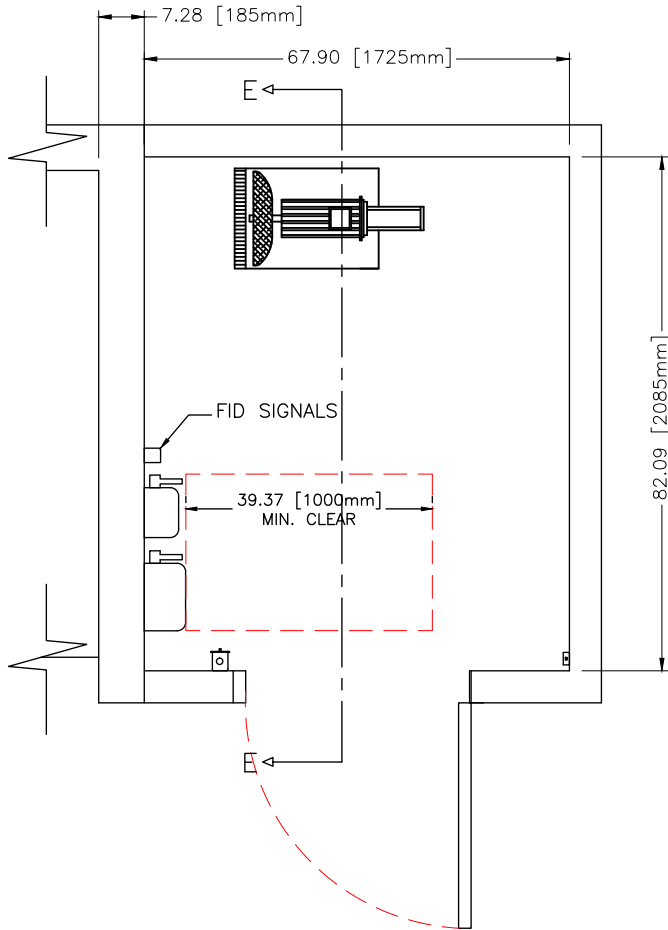
MR = MACHINE ROOM  
OH = OVERHEAD  
F1 = 1ST LANDING  
F2 = 2ND LANDING  
F3 = 3RD LANDING  
F4 = 4TH LANDING  
P = PIT



FINAL  
DRAWINGS



PROJECT NAME:	FORESTSIDE EST. 1-2 BUILDING A	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19059	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S6-P1/2
DRAWING:	FIRE SERVICE	



SPRINKLERS

FIRE INITIATING DEVICES (FID)

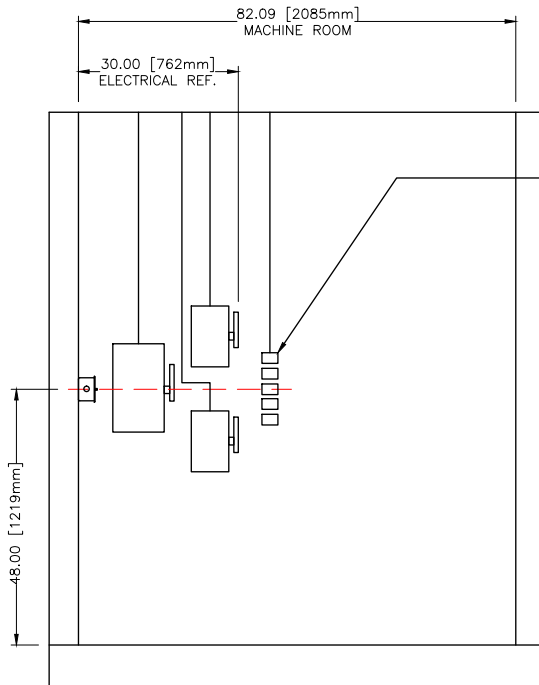
## SPRINKLERS AND FID

ALL RULES FOLLOW ASME A17.1-2010/CSA B44-10 BASED ON THE LATEST REVISION

IF SPRINKLERS ARE REQUIRED, PROCEED AS FOLLOWS:

1. SPRINKLERS TO BE INSTALLED AS PER NATIONAL AND LOCAL GOVERNING CODES.
2. IN ELEVATOR HOISTWAY (SHAFT) RUN ALL SERVICE LINES VERTICALLY IN AREA SHOWN ON DRAWING. NO HORIZONTAL RUNS.
3. TYPICALLY, TWO SPRINKLER HEADS TO BE PROVIDED IN ELEVATOR HOISTWAY (SHAFT): ONE IN THE PIT AND ONE AT THE TOP OF SHAFT CEILING.
4. SPRINKLER HEAD AND SERVICE LINE FITTINGS SHALL NOT BE INSTALLED OVER ANY EQUIPMENT IN MACHINE ROOM. SEE DRAWING SECTION 1, PG 4 FOR LOCATION OF EQUIPMENT IN MACHINE ROOM AND CONTACT ELEVATOR COMPANY IF FURTHER CLARIFICATION IS REQUIRED.

1. ALL FID TO BE INSTALLED AS PER NATIONAL AND LOCAL GOVERNING CODES.
2. IN ELEVATOR HOISTWAY (SHAFT), RUN ALL SERVICE LINES TO FID'S VERTICALLY AS SHOWN ON DRAWING. NO HORIZONTAL RUNS.
3. TYPICALLY, TWO FID'S TO BE INSTALLED IN ELEVATOR HOISTWAY (SHAFT): ONE IN THE PIT AND ONE AT THE TOP OF SHAFT CEILING. FIDS SHALL NOT PROTRUDE ANY MORE THEN 4" FROM WALL AS PER DRAWING.
4. ONE FID SHALL BE LOCATED IN CLOSE PROXIMITY TO EACH ELEVATOR LANDING ENTRANCE.
5. ONE FID SHALL BE INSTALLED IN MACHINE ROOM. SERVICE LINES TO THIS FID SHALL NOT BE RUN ON MACHINE ROOM WALL AS INDICATED ON DRAWING SECTION 4 PG 1 AND 2.
6. FIVE FIRE SERVICE ADDRESSABLE RELAYS TO BE LOCATED IN THE MACHINE ROOM AS SHOWN ON DRAWING.
7. FIRE 'PULL STATIONS' CANNOT ACTIVATE ELEVATOR FIRE SERVICE.
8. RUN NORMALLY OPEN (N/O) DRY CONTACT (CLOSED ON ALARM) SIGNAL WIRE FROM RELAYS TO ELEVATOR CONTROLLER AND LEVEL AS FOLLOWS: MR = MACHINE ROOM, P = PIT, OH = OVERHEAD, M = MAIN FIRE EGRESS LANDING, AL = ALL OTHER LANDINGS.



AREA FOR FID SIGNALS  
OR FID RELAYS (IF REQUIRED)

NOTE:  
ALL EQUIPMENT TO BE INSTALLED  
USING DRAWINGS MARKED 'FINAL'. DO  
NOT USE 'DRAWINGS FOR REVIEW.'

SECTION E-E

FINAL  
DRAWINGS



PROJECT NAME:	FORESTSIDE EST. 1-2 BUILDING A	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19059	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS/REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S6-P2/2
DRAWING:	FID SIGNALS/RELAYS	

# TABLE OF CONTENTS

PROJECT NAME | FORESTSIDE EST. 3-4 BUILDING B  
PROJECT NUMBER | ON01P19060

SECTION #	DESCRIPTION	PAGES
1	ELEVATOR DETAILS	7
2	HOISTWAY DETAILS	4
3	MACHINE ROOM CONSTRUCTION DETAILS	1
4	ELECTRICAL DETAILS	2
5	ENTRANCE DETAILS	1
6	FIRE SERVICE DETAILS	2

# SECTION 1 ELEVATOR DETAILS

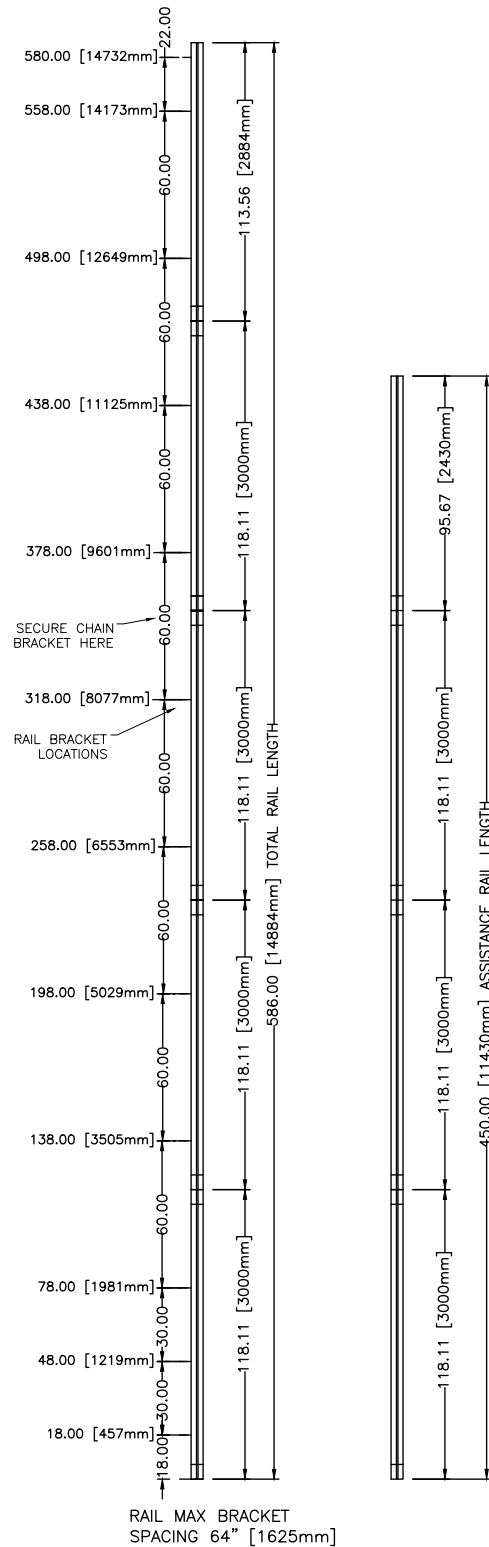
PROJECT NAME | FORESTSIDE EST. 3-4 BUILDING B  
PROJECT NUMBER | ON01P19060

FINAL DRAWINGS



GENERAL	ELEVATOR #		1		GENERAL	CAB CONFIGURATION		FRONT					
	CLASSIFICATION		PASSENGER			CAB SIZE		81" W X 51-1/8" D X 90" H					
	CAPACITY lb [kg]		2500 [1134]			NUMBER OF FLOORS		4					
	UP SPEED FPM [m/s] [NOMINAL]		100 [0.50]			NUMBER OF OPENINGS		4 FRONT					
MACHINE	DOWN SPEED FPM [m/s] [NOMINAL]		100 [0.50]		CAB OPTIONS	ENTRANCE CONSTRUCTION		X	DRYWALL	-	MASONRY		
	OPERATION		SELECTIVE COLLECTIVE			BUFFER TYPE AND STROKE [mm]		4 SPRING 3.54" [90]					
	POWER SUPPLY		600V 3PH			SEISMIC REQUIREMENT		NO					
	FLOORS SERVED		4			RAIL BRACKET MOUNTING		-	WOOD ANCHOR	-	MASONRY ANCHOR		
	RAILS [lb/ft]		8			DOOR OPERATOR NUDGING		X	YES	-	NO		
	CONTROLLER		MICROPROCESSOR			CERTIFICATE FRAME		X	YES	-	NO		
	DRIVE		GMV TYPE 3			PIT SHUT OFF VALVE		-	YES	X	NO		
	CONTROL VALVE		GMV 3010S			BOTTOM LANDING	COP FINISH		SECTION 1, PG 6				
	PUMP TYPE		3 SPINDLE SCREW				CAB LIGHT		SECTION 1, PG 5				
	FEED FLOW GPM [LPM]		67 [254]				CEILING PANELS		SECTION 1, PG 5				
	FULL LOAD STATIC PRESSURE PSI [BAR]		403 [27]				HANDRAIL (STAINLESS STEEL)		SECTION 1, PG 5				
	FULL LOAD DYNAMIC PRESSURE PSI [BAR]		443 [31]				WALL PANELS		LAMINATED - FORMICA				
RELIEF PRESSURE PSI [BAR]		524 [36]		FINISH NO.			SECTION 1, PG 5						
FEED LINE		2" [50.8] SCHED. 80 A53-B/A106-B		FINISH NAME			SECTION 1, PG 5						
MOTOR SIZE HP [kW]		25HP [18.4kW] 60HZ		DOOR PANEL FINISH			BRUSHED STAINLESS STEEL						
MACHINE HEAT OUTPUT BASED ON 55 STARTS / HR - BTU [watt]		13224 [3835]		FINISHED FLOOR		X	CERAMIC	-	OTHER				
ENTRANCE	DOOR TYPE		2 SPEED		INTERMEDIATE FLOOR 1	FIRE RATED SPEC		1 1/2 HR. UL					
	DOOR SIZE - W X H in [mm]		42" [1067] X 84" [2140]			ENTRANCE HAND		RH					
	DOOR INTERLOCK		CSA - 200342			ENTRANCE FINISH		-	STAINLESS	X	POWDER COAT BEIGE		
	FIRE RATING		UL 1 1/2 HR			HALL STATION TYPE		X	BUTTON	-	WITH KEYED ACCESS		
	MANUFACTURER		OLS			HALL STATION FINISH		SATIN STAINLESS STEEL					
	DOOR SAFETY RETAINER		YES			FIRE SERVICE		-	YES	X	NO		
CAB	ENCLOSURE		STEEL WITH APPLIED PLASTIC LAMINATE PANELS		INTERMEDIATE FLOOR 2	FLOOR MARKING		P1					
	DOOR OPERATION (CSA APPROVED)		2 SPEED OLS			ENTRANCE HAND		RH					
	INTERLOCK		CONTACT ONLY			ENTRANCE FINISH		-	STAINLESS	X	POWDER COAT BEIGE		
	DOOR OPERATOR		OLS - CSA			HALL STATION TYPE		X	BUTTON	-	WITH KEYED ACCESS		
	DOOR RE-OPENING		FULL LENGTH LIGHT CURTAIN			HALL STATION FINISH		SATIN STAINLESS STEEL					
CARFRAME & PLATFORM	DOOR SILL		EXTRUDED ALUMINUM		TOP FLOOR	FIRE SERVICE		X	YES	-	NO		
	JOISTS / STRINGERS		16GA FORMED STEEL			FLOOR MARKING		*1					
	CROSSHEAD		7GA 8 X 2 FORMED STEEL			ENTRANCE HAND		RH					
	STILE		7GA 7 X 2 1/2 FORMED STEEL			ENTRANCE FINISH		-	STAINLESS	X	POWDER COAT BEIGE		
ADDITIONAL WEIGHTS	PLANK		7GA 7 X 2 FORMED STEEL		OTHER	HALL STATION TYPE		X	BUTTON	-	WITH KEYED ACCESS		
	CAB WEIGHT		975 [442.3]	TOE GUARD		57 [25.9]	HALL STATION FINISH		SATIN STAINLESS STEEL				
	HANG ON PANELS		175 [79.5]	CAB DOOR PANELS		45 [20.4]	FIRE SERVICE		-	YES	X	NO	
	HAND RAILS		25 [11.4]	DOOR OPERATOR		86 [39.0]	FLOOR MARKING		2				
	FAN		7.4 [3.36]	DROP DOWN CEILING		30 [13.6]	ENTRANCE HAND		RH				
	TOC		5.5 [2.47]	CAR FRAME		617 [280.4]	ENTRANCE FINISH		-	STAINLESS	X	POWDER COAT BEIGE	
	COP		50 [22.7]	FINISHED FLOOR ALLOWANCE		200 [91.0]	HALL STATION TYPE		X	BUTTON	-	WITH KEYED ACCESS	
TOTAL		2415 [1098.0]				HALL STATION FINISH		SATIN STAINLESS STEEL					
RUPTURE VALVE	MODEL		TYPE		WORKING RANGE		HOISTWAY ACCESS						
	X 80366020		VC 3006 / B 1 1/2" NPT		20 - 350 L/MIN - 1 1/2" NPT		FLOOR MARKING		3				
HYDRAULIC JACK (2 JACK SYSTEM)	- 80366015		VC 3006 / B 1 1/2" NPT		173 - 525 L/MIN - 1 1/2" NPT		FIRE SERVICE ALTERNATE FLOOR		P1				
	JACK TYPE: 60-3Y		DIMENSION mm [in]		WEIGHT lbs [kg]		MACHINE ROOM LOCATION		SEE SECTION 1, PAGE 4 OF 7				
	PLUNGER 1		O.D.	60.5 [2.4]	77.3 [35.1]		CONTROLLER LOCATION		SEE SECTION 1, PAGE 4 OF 7				
			WALL THICKNESS	4.3 [0.2]			DRIVE LOCATION		SEE SECTION 1, PAGE 4 OF 7				
			LENGTH	3739.0 [147.2]			EMERGENCY POWER		-	YES	X	NO	
	PLUNGER 2		O.D.	75.5 [3.0]	82.9 [37.6]		HEAT EXCHANGER		X	YES	-	NO	
			WALL THICKNESS	4.3 [0.2]									
			LENGTH	3669.0 [144.4]									
	PLUNGER 3		O.D.	90.5 [3.6]	105.8 [48.0]								
			WALL THICKNESS	4.3 [0.2]									
			LENGTH	3669.0 [144.4]									
	CYLINDER		O.D.	106.0 [4.2]	131.8 [59.8]								
			WALL THICKNESS	4.5 [0.2]									
			LENGTH	3579.0 [140.9]									
		HEAD THICKNESS	32.0 [1.25]										
TOTAL WEIGHT PER JACK				397.8 [180.4]									
REACTION FORCES			FORCE ITEM		REACTION lb [kN]		PROJECT NAME:		FORESTSIDE EST. 3-4 BUILDING B		DRAWN BY: N.R.		
			PIT (R)		16100 [71.62]		PROJECT NUMBER		ON01P19060		CHECKED BY: A.L.		
			BUFFER (RB)		19457 [86.55]		LOCATION		65 ATTMAR DR. BRAMPTON		DATE:		
			F1		375 [1.67]		ELEVATOR COMPANY		VERTECHS ELEVATOR SYSTEMS		26/05/2021		
			F2		180 [0.80]		GENERAL CONTRACTOR		ROYAL PINE HOMES		SCALE: NTS REV:0		
			SEISMIC CONDITION=0.26		REACTION FORCES ARE DOUBLED FOR IMPACT (PIT)		ARCHITECT		GRAZIANI + CORAZZA ARCHITECTS		SHEET: S1-P1/8		
							DRAWING:		TECHNICAL DATA				

SECTION 1 NOT TO BE USED FOR CONSTRUCTION



FLOORS	DISTANCE (INCH)
P1 TO *1	165.35
*1 TO 2	116.14
2 TO 3	116.14



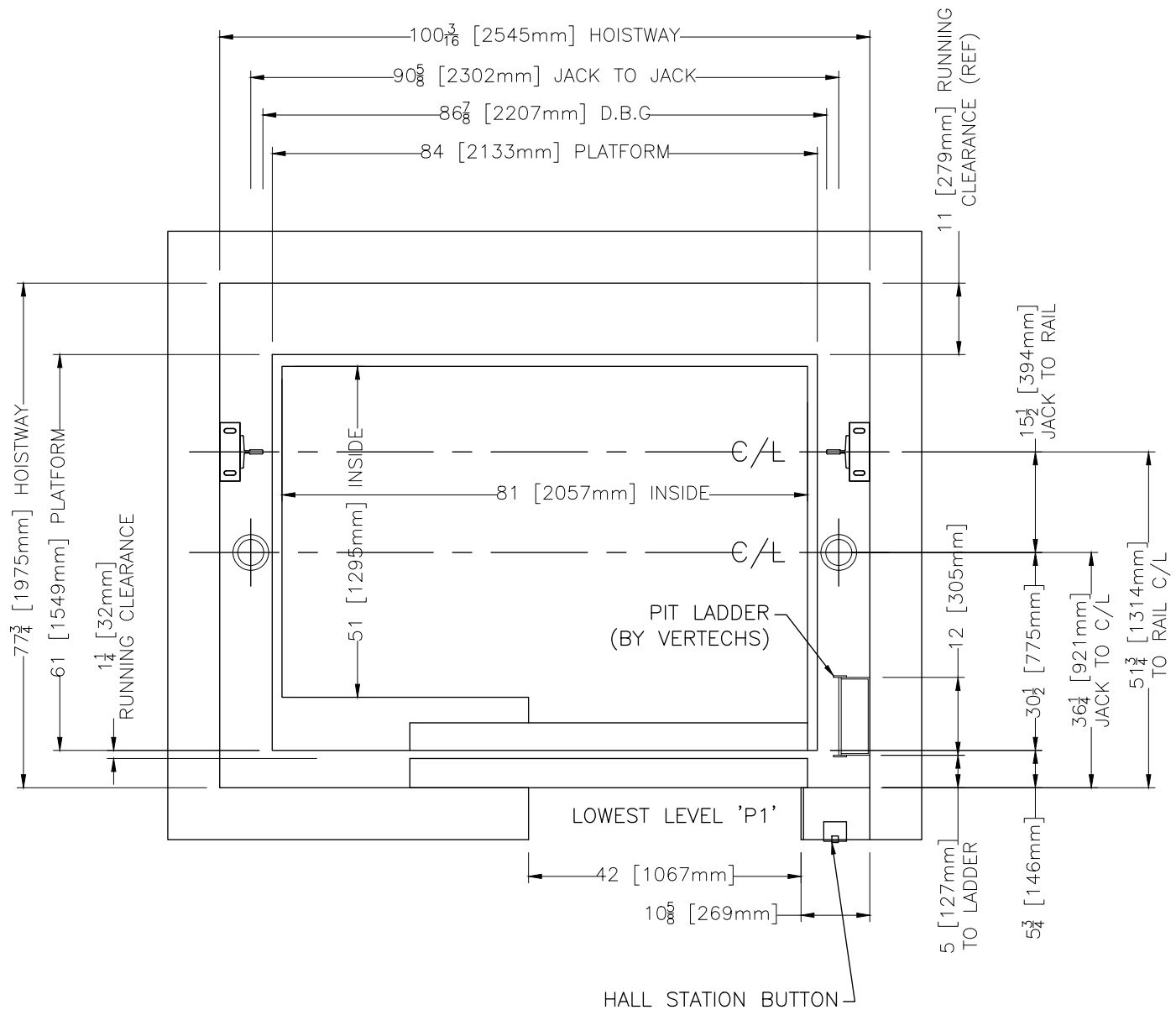
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PROJECT NUMBER	ON01P19060	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S1-P2/8

ELEVATION VIEW

HEADER AND SILLS TO BE INSTALLED AS PER ASME A17.1-2010/CSA B44-10, SECTION 2.11.11.8 HOISTWAY DOOR AND SAFETY RETAINERS. THE TOP AND BOTTOM OF HORIZONTALLY SLIDING DOORS SHALL BE PROVIDED WITH A MEANS OF RETAINING THE CLOSED DOOR PANEL IN POSITION IF THE PRIMARY GUIDING MEANS FAIL, AND PREVENTING DISPLACEMENT OF THE DOOR PANEL TOP AND BOTTOM BY MORE THAN 20mm (0.8 in.). WHEN THE DOOR PANEL IS SUBJECTED TO A FORCE OF 5000N (1,125 lbf) IN THE DIRECTION OF THE HOISTWAY APPLIED AT RIGHT ANGLES TO THE PANEL OVER AN AREA OF 300mm X 300mm (12 in. X 12 in.) AT THE APPROXIMATE CENTER OF THE PANEL. THE RETAINING MEANS SHALL ALSO WITHSTAND, WITHOUT DETACHMENT OR PERMANENT DEFORMATION, A FORCE OF 1000N (225 lbf) APPLIED UPWARD AT ANY POINT ALONG THE WIDTH OF THE DOOR PANEL AND, WHILE THIS FORCE IS MAINTAINED, AND ADDITIONAL FORCE OF 1100N (250 lbf) APPLIED AT RIGHT ANGLES TO THE DOOR AT THE CENTER OF THE PANEL. THIS FORCE SHALL BE DISTRIBUTED OVER AN AREA OF 300mm X 300mm (12 in. X 12 in.)

ASME A17.1-2010/CSA B44-10 SECTION 2.14.1.6.2 CAR ENCLOSURE TOPS. TWO UNOBSTRUCTED HORIZONTAL AREAS, EACH ONE NOT LESS THAN 350mm (14in.) BY 350mm (14in.), SHALL BE PROVIDED ON THE CAR TOP ENCLOSURE TOP. THE TWO UNOBSTRUCTED AREAS SHALL BE NO CLOSER TO ONE ANOTHER THAN 600mm (24in.), CENTERLINE TO CENTERLINE, APART. THE AREAS SHALL BE WITHIN THE PROJECTION OF THE ENCLOSURE TOP EXCLUSIVE OF THE AREA OUTSIDE OF A STANDARD RAILING (2.10.2), WHERE PROVIDED. THE TWO AREA MUST BE MINIMUM 890mm (35in.) BY 890mm (35in.)

FASCIA AS PER ASME A17.1-2010/CSA B44-10, SECTION 2.15.1.5.1



SECTION 1 NOT TO BE USED FOR CONSTRUCTION

FINAL  
DRAWINGS



PROJECT NAME:	FORESTSIDE EST. 3-4 BUILDING B	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19060	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S1-P3/8

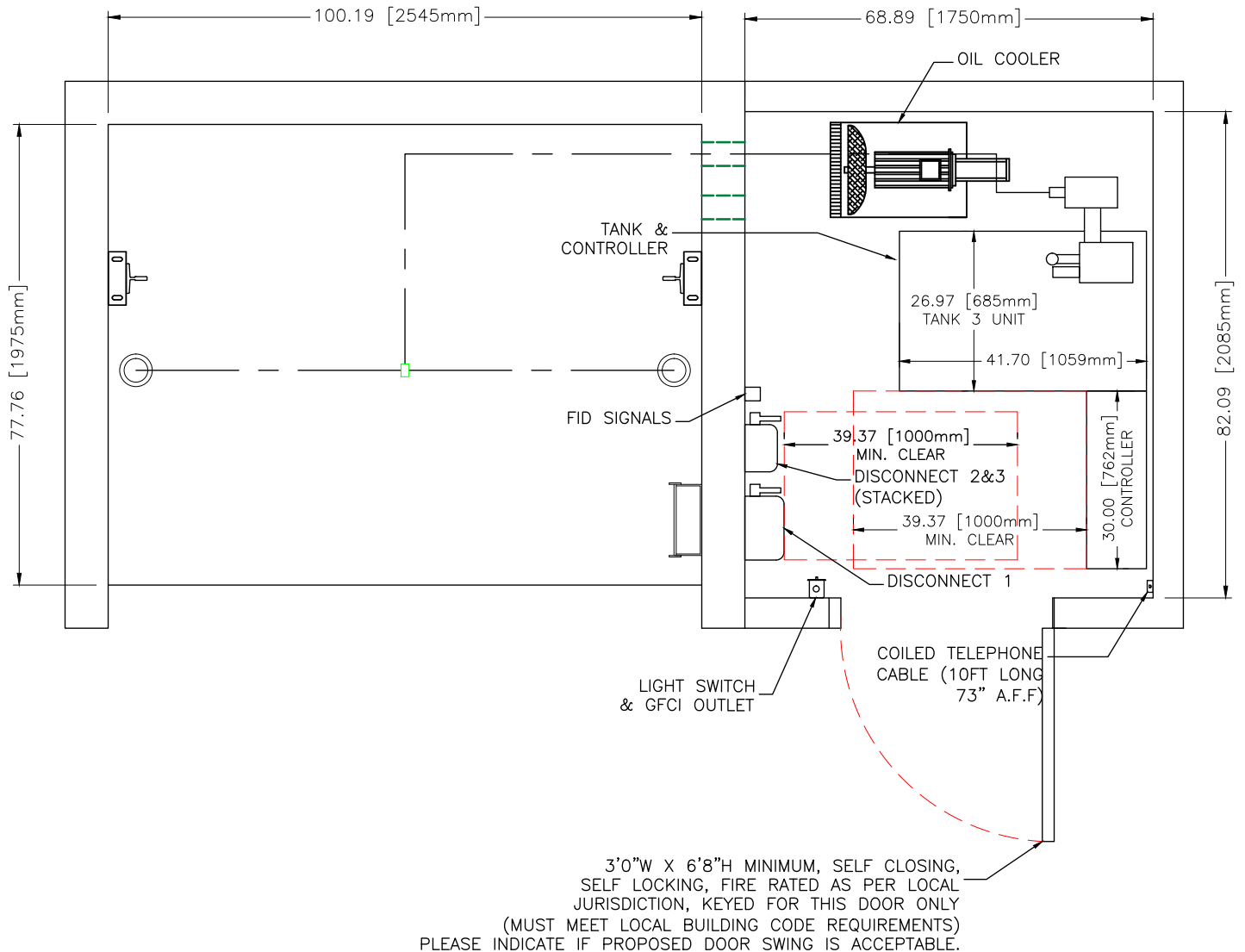
DRAWING: HOISTWAY PLAN VIEW

SECTION 1 NOT TO BE USED FOR CONSTRUCTION

MACHINE ROOM LOCATION

ADJACENT

FLOOR P1



NOTE:  
 -COMPONENT LOCATIONS IN MACHINE ROOM MAY VARY FROM POSITIONS SHOWN PENDING ACTUAL SITE CONDITIONS  
 -SWING OF MACHINE ROOM DOOR SHALL NOT INTERFERE WITH REQUIRED ELECTRICAL CLEARANCES

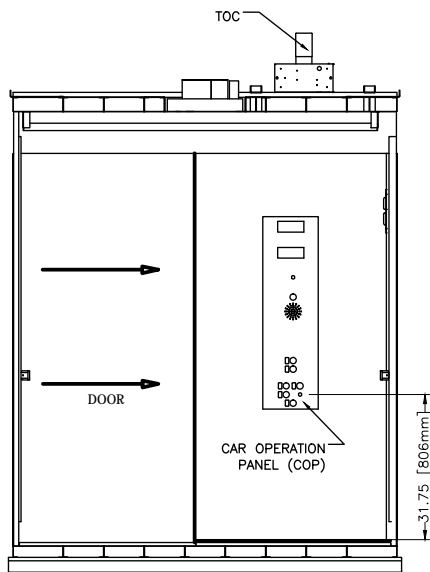
FINAL  
DRAWINGS



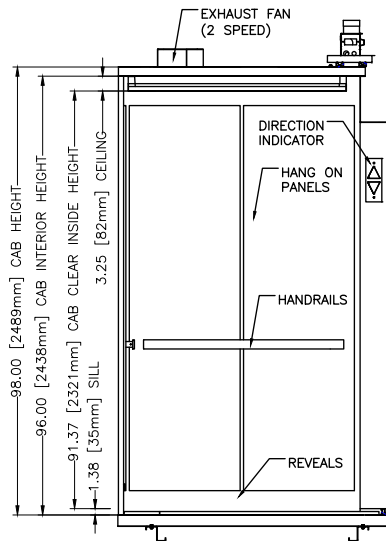
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PROJECT NUMBER	ON01P19060	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S1-P4/8

DRAWING:

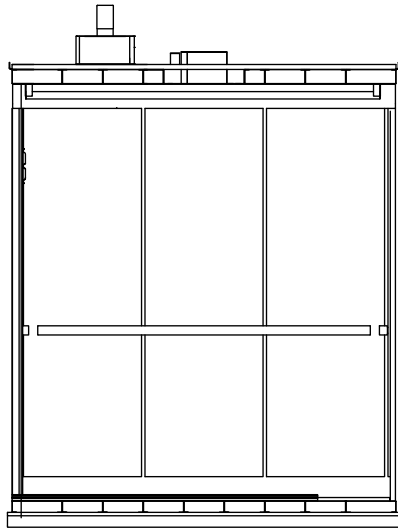
MACHINE ROOM



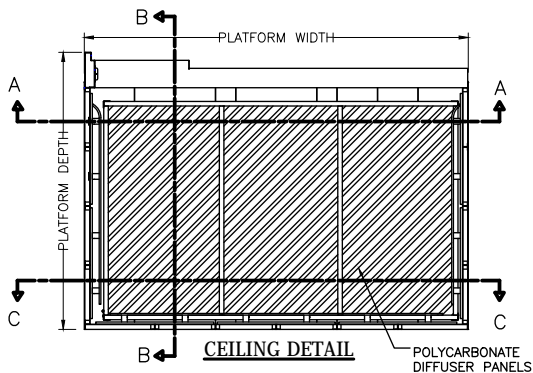
**VIEW FROM INSIDE CAB  
DOOR, FRONT RETURN AND C.O.P  
SECTION (A-A)**



**VIEW FROM INSIDE CAB  
"SIDE WALL"  
SECTION (B-B)**



**VIEW FROM INSIDE CAB BACK WALL (SECTION C-C)**



GENERAL	PLATFORM SIZE	84" [2134] WIDE X 61" [1549] DEEP	
	ENTRANCE	42" [1067] WIDE X 84" [2134] HIGH	
	INSIDE CAB SIZE	81" [2057] WIDE X 51" [1295] DEEP	
	EMERGENCY LIGHT	IN CAR OPERATING PANEL	
	PAD HOOKS	X YES	- NO
	PROTECTION PADS	X YES	- NO
	EXHAUST FAN	2 SPEED	
	CAB LIGHT	LED LIGHTING	
	CEILING PANELS	X POLYCARBONATE	- 6 SS PANELS
	HANDRAIL TYPE	X FLAT	- ROUND
FINISHES	HANDRAIL FINISH	SATIN STAINLESS STEEL	
	CAB SILL	EXTRUDED ALUMINUM	
	CERTIFICATE FRAME	SATIN STAINLESS STEEL	
	CAB ENTRANCE	SATIN STAINLESS STEEL	
	CEILING FRAME	X BLACK POWDER COAT	- SATIN STAINLESS STEEL
	CAB REVEALS	X BLACK POWDER COAT	- SATIN STAINLESS STEEL

FINAL  
DRAWINGS



PROJECT NAME:	FORESTSIDE EST. 3-4 BUILDING B	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19060	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS/REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S1-P5/8
DRAWING:	CAB DETAILS	

SECTION 1 NOT TO BE USED FOR CONSTRUCTION



**Thermo Walnut  
(6402)**



**Natural Teak  
(8849)**



**Pecan Woodline  
(5883)**



**Natural Birch  
(7481)**



**Cherry Heartwood  
(9240)**



**Wild Cherry  
(5904)**



**Natural Ash  
(8843)**



**Natural Cane  
(6930)**



**Blackened Legno  
(8848)**



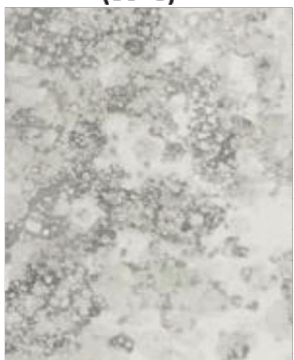
**Storm Teakwood  
(8908)**



**Fox Teakwood  
(8907)**



**Mouse  
(928)**



**Bubble Art  
(8958)**



**Portico Marble  
(7735)**



**Sarum Twill  
(8827)**



**Neutral Twill  
(8826)**

Please do not return marked up drawings to Vertechs unless the Plastic Laminate number and name is identified together with the completed Supplementary Owners Report (SOR). Standard laminate finishes shown above, additional finishes are available at an increased cost.

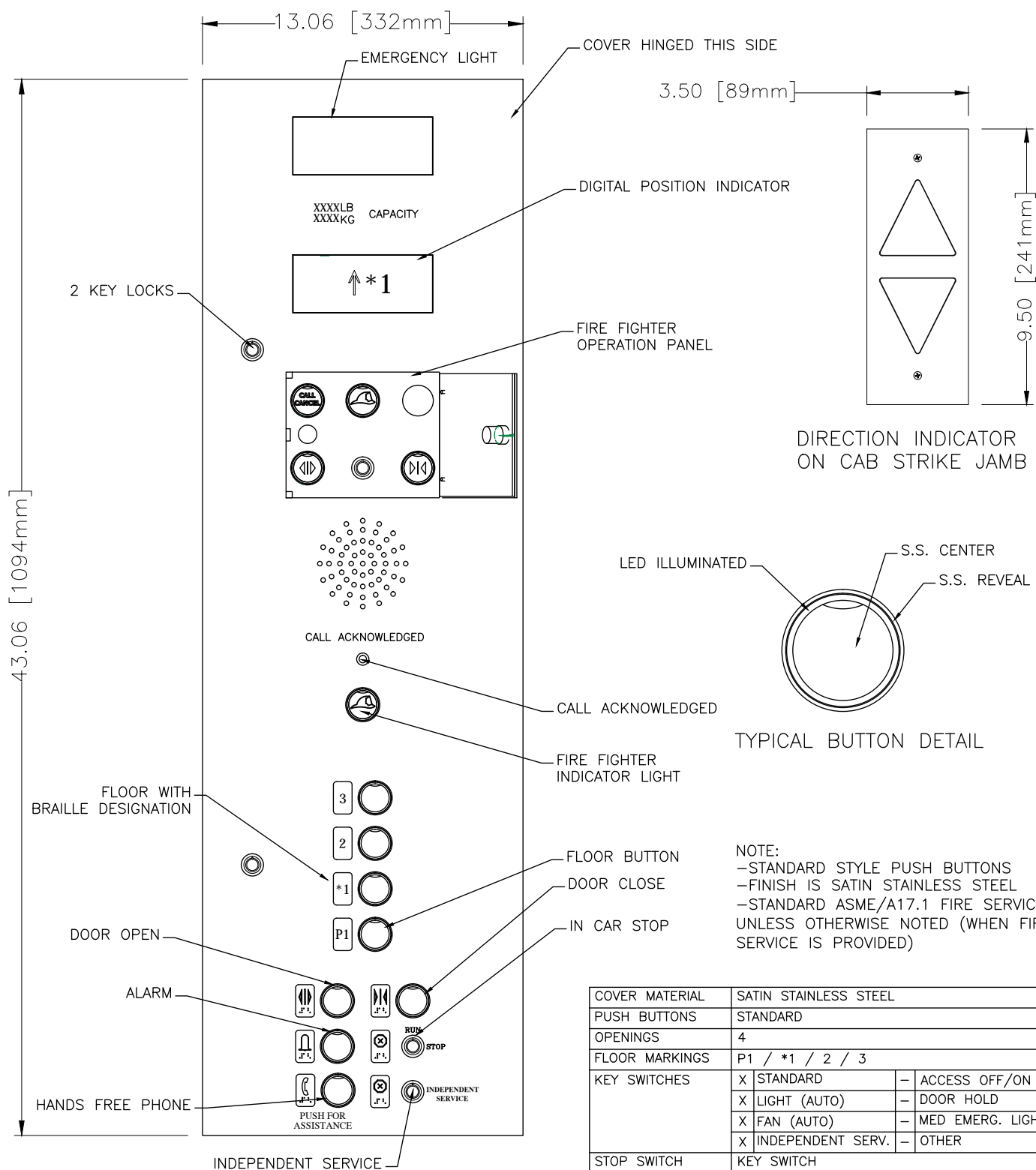
FORMICA LAMINATE FINISH #	8907-58
FORMICA LAMINATE NAME	FOX TEAKWOOD

FINAL DRAWINGS

PROJECT NAME:	FORESTSIDE EST. 3-4 BUILDING B	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19060	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S1-P6/8
DRAWING:	LAMINATE FINISH	

SECTION 1 NOT TO BE USED FOR CONSTRUCTION





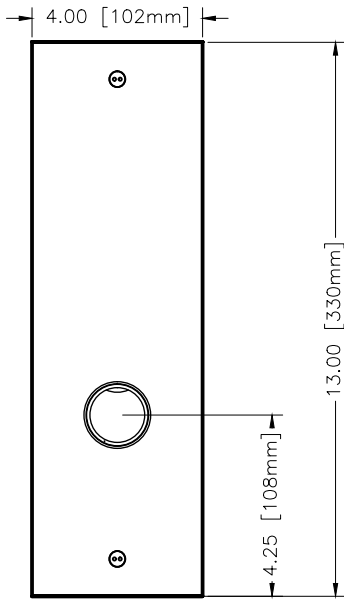
SECTION 1 NOT TO BE USED FOR CONSTRUCTION

COVER MATERIAL	SATIN STAINLESS STEEL		
PUSH BUTTONS	STANDARD		
OPENINGS	4		
FLOOR MARKINGS	P1 / *1 / 2 / 3		
KEY SWITCHES	X	STANDARD	- ACCESS OFF/ON
	X	LIGHT (AUTO)	- DOOR HOLD
	X	FAN (AUTO)	- MED EMERG. LIGHT
	X	INDEPENDENT SERV.	- OTHER
STOP SWITCH	KEY SWITCH		
FIRE SERVICE	X	YES	- NO
TELEPHONE	INSIDE COMPARTMENT, CALL WITH PUSHBUTTON		
ENGRAVING	2500lb / 1136kg		
NUDGING BUZZED	X	YES	- NO

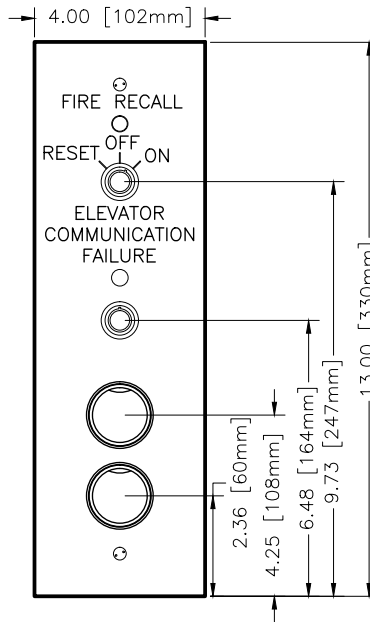
FINAL  
DRAWINGS



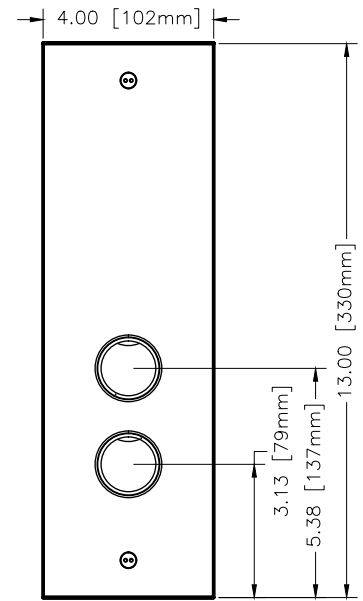
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PROJECT NUMBER	ON01P19060	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS/REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S1-P7/8
DRAWING:	CAR OPERATING PANEL	



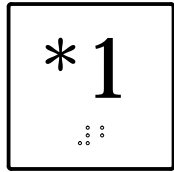
FLOOR — P1



FLOOR — \*1

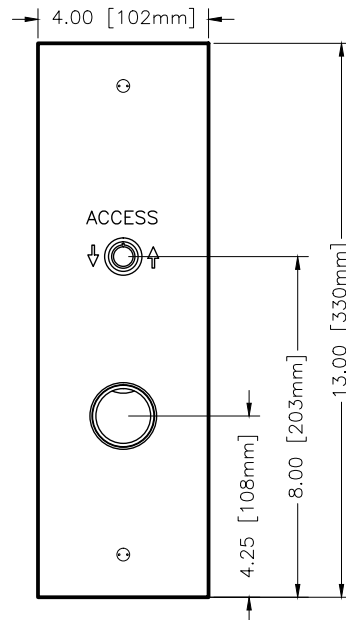


FLOOR — 2



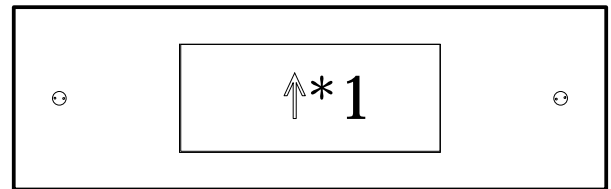
BRaille / FLOOR JAMB PLATE  
(NOTE: AS PER FLOOR DESIGNATION)

ALL FLOORS



FLOOR — 3

MAIN FLOOR (\*1) ONLY



HALL P.I. / D.I.  
(F)

NOTE:  
—STANDARD STYLE PUSH BUTTONS  
—FINISH IS SATIN STAINLESS STEEL  
—STANDARD ASME/A17.1 FIRE SERVICE  
UNLESS OTHERWISE NOTED (WHEN FIRE  
SERVICE IS PROVIDED)  
—STANDARD 13" X 4" HALL STATION  
COVERS REQUIRE 12.125" HIGH X  
3.125" WIDE X 3" DEEP CUT-OUT

SECTION 1 NOT TO BE USED FOR CONSTRUCTION

FINAL  
DRAWINGS



PROJECT NAME:	FORESTSIDE EST. 3-4 BUILDING B	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19060	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S1-P8/8

DRAWING:

HALL FIXTURES

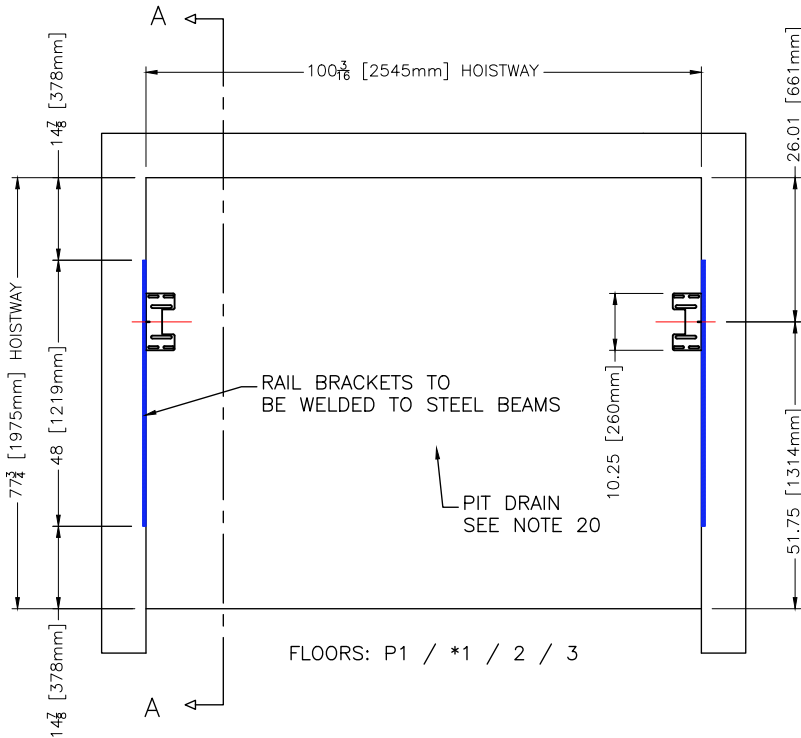


# SECTION 2 HOISTWAY DETAILS

PROJECT NAME | FORESTSIDE EST. 3-4 BUILDING B  
PROJECT NUMBER | ON01P19060

FINAL DRAWINGS

SECTION VIEW A-A  
SHOWN ON SECTION 2, PG 2 & 3



RAIL BRACKETS TO BE WELDED TO STL. DIVIDER BEAMS.  
STL. BEAMS TO BE SPACED AS INDICATED ON S2-P2/5.  
RAIL BRACKETS TO BE POSITIONED BY VERTECHS AND  
WELDED IN PLACE BY OTHERS.  
SEE S2-P2/5 FOR HORZ. & VERTICAL OFFSET AND LENGTH

HOISTWAY

HOISTWAY PIT

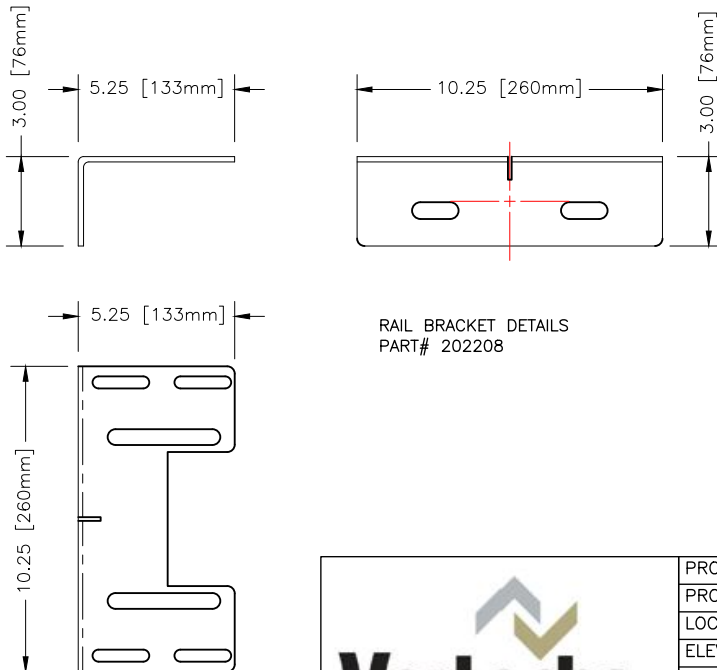
PROVISIONS BY OTHERS: HOISTWAY AND PIT

ALL RULES FOLLOW ASME A17.1-2010/CSA B44-10 BASED ON THE LATEST REVISION

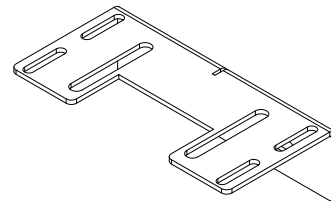
- SHALL HAVE A MINIMUM FIRE RATING AS PER AHJ
- SHALL BE VENTED AS REQUIRED BY LOCAL GOVERNING AUTHORITIES
- HOISTWAY SHALL BE SIZED AS PER DRAWING +1/2" - 0"
- ~~WALL INSERTS PROVIDED BY ELEVATOR CONTRACTOR SHALL BE CAST INTO WALL AS SHOWN. VERTICAL SPACING AS SEEN ON DRAWING SECTION-2 PG2/3.~~
- SHALL BE PLUMB WITHIN 1/2" OVER ENTIRE HOISTWAY AND STILL MAINTAIN SIZE
- SHALL BE SQUARE WITHIN 1/4" IN ANY DIRECTION OVER ENTIRE DIMENSION AND STILL MAINTAIN SIZE.
- SHALL HAVE NO LEDGES OR PROTRUSIONS, MUST BE FLUSH AND TRUE.
- ~~MASON TO REMOVE PLASTIC COVERS ON RAIL BRACKET INSERTS AND CLEAN.~~
- OVERHEAD (FINISHED TOP FLOOR TO UNDERSIDE OF CEILING OR HOISTWAY BEAM) MUST BE AS SHOWN ON DRAWING. G.C. SHALL REMOVE HOISTING BEAM IF OVERHEAD CLEARANCES ARE NOT AS SHOWN ON DRAWING.
- EACH LANDING SILL MUST BE SOLID TO SUPPORT THE ANCHORING OF THE DOOR SILL AS SHOWN ON DRAWING. (SECTION-2 PG2/4)
- EACH LANDING LINTEL MUST BE LOCATED AS SHOWN AND MUST BE SOLID TO SUPPORT THE ANCHORING OF THE DOOR MECHANISM AS SHOWN ON DRAWING.
- TWO KNOCK-OUTS FITTED WITH 4" PVC SHALL BE PROVIDED IN HOISTWAY WALL TO MACHINE ROOM FOR FLUID LINES AND ELECTRICAL LINES. SEE SECTION 3, PAGE 1 FOR DETAILS.
- NO OTHER SERVICES OTHER THAN THOSE REQUIRED FOR THE ELEVATOR FUNCTION AND SERVICE SHOULD BE LOCATED IN THE HOISTWAY

- DEPTH AND SIZE MUST BE AS SHOWN ON DRAWING.
- WALLS MUST BE FLUSH WITH HOISTWAY WALLS (NO STEPS).
- MUST BE SQUARE WITHIN 1/4" IN ANY DIRECTION OVER ENTIRE DIMENSION AND STILL MAINTAIN SIZE.
- MUST BE CLEAN, DRY AND FREE OF ANY IRREGULARITIES.
- FLOOR MUST BE CLEAN, FLAT AND FREE FROM ANY IRREGULARITIES.
- FLOOR MUST BE ABLE TO SUPPORT PIT REACTIONS AS SHOWN ON DRAWING SECTION 1, PAGE 1.
- DRAIN, IF PROVIDED, MUST BE LARGE ENOUGH TO EVACUATE 3,000 GAL/HR, EITHER BY GRAVITY OR PUMP. DRAIN MUST BE GRATED, FLUSH WITH PIT FLOOR. DRAIN MUST BE DESIGNED TO PREVENT GAS OR VAPOR ENTERING THE HOISTWAY. DRAIN MUST BE DESIGNED TO PREVENT WATER ENTERING THE PIT (BACK FLOW PREVENTOR / NON-RETURN VALVE). A PIT DRAIN MUST BE INSTALLED. SUMP PUMP SHALL NOT BE LOCATED IN PIT. DRAIN TO BE ZURN # Z-189-VP DRAIN OR EQUIVALENT (TO BE FLUSH WITH PIT FLOOR)

FINAL  
DRAWINGS



RAIL BRACKET DETAILS  
PART# 202208



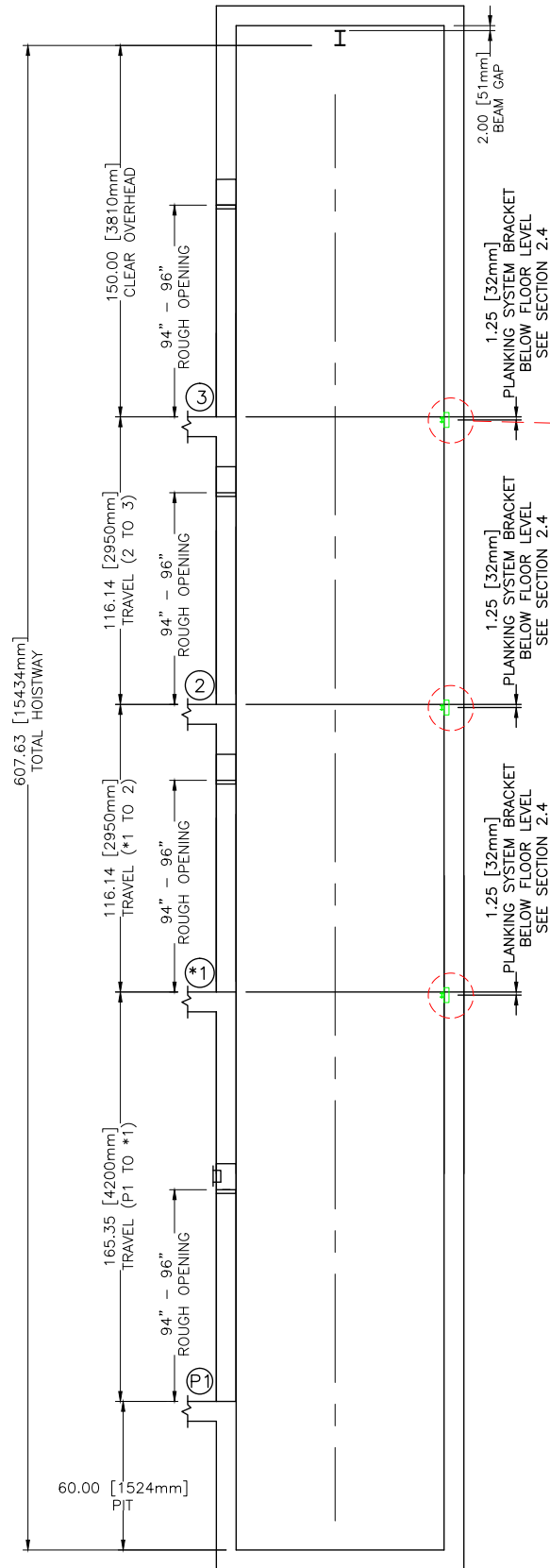
THE BUILDING CONSTRUCTION FORMING THE SUPPORTS FOR THE GUIDE RAIL AND RAIL BRACKETS SHALL BE DESIGNED TO WITHSTAND THE FORCES INDICATED ON S1-P1/7. THE CONTRACTOR MUST ENSURE THAT THE INDICATED FORCES ARE REVIEWED BY THE APPROPRIATE PROFESSIONAL(S) TO ENSURE THAT THE BUILDING DESIGN AND CONSTRUCTION MEET ALL THE REQUIRED CODES.



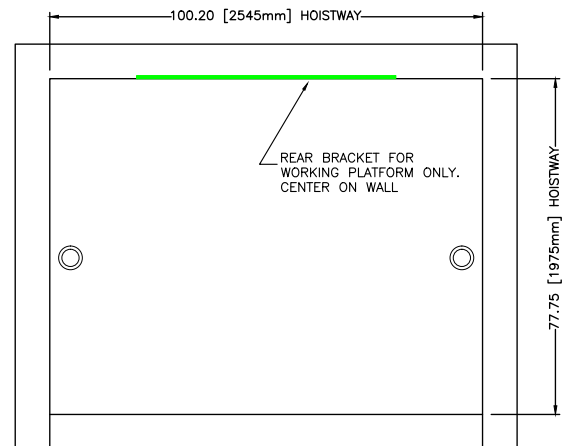
PROJECT NAME:	FORESTSIDE EST. 3-4 BUILDING B	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19060	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS/REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S2-P1/5

DRAWING: WELDED RAIL BRKTS





INSTALL 3 BRACKETS FOR TEMPORARY WORKING PLATFORM. BRACKETS TO BE 1.25" BELOW FLOOR \*1, 2 & 3 ON THE HOISTWAY REAR WALL AS SHOWN.

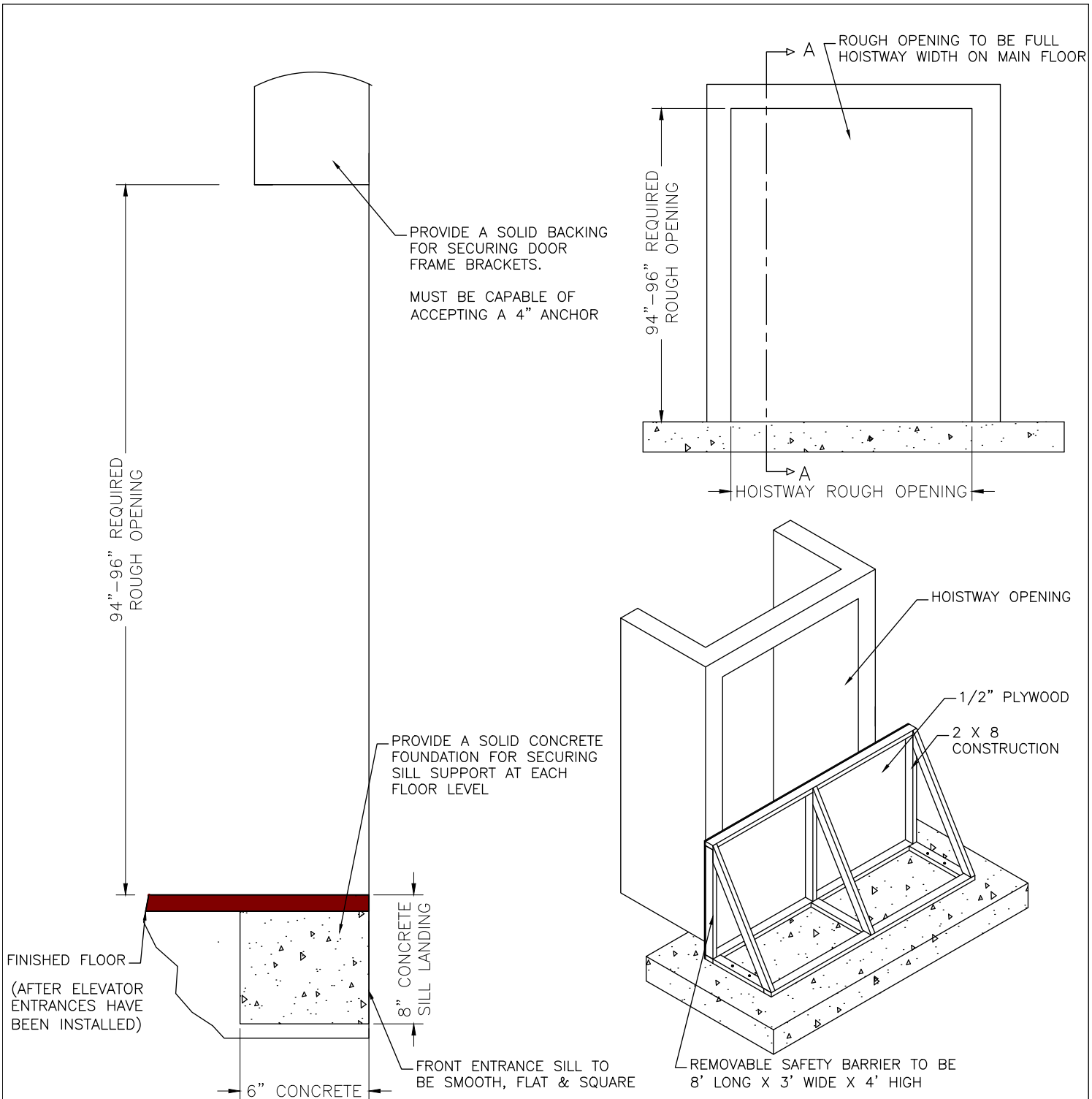


FINAL  
DRAWINGS



PROJECT NAME:	FORESTSIDE EST. 3-4 BUILDING B	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19060	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S2-P3/5

DRAWING: TEMP WORK PLATFORM



SECTION A-A

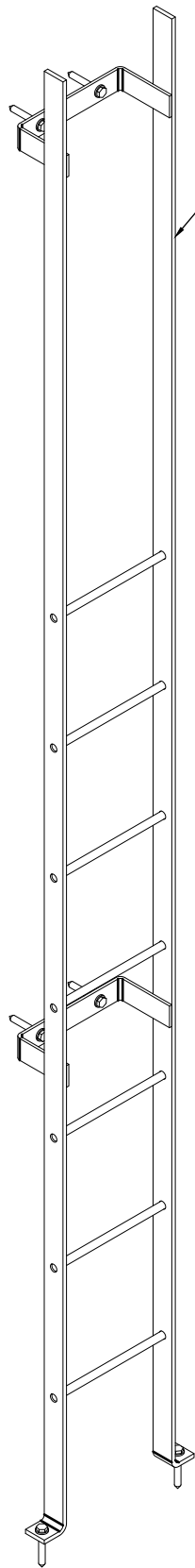
NOTE:  
 -BARRIER MUST HAVE A MINIMUM HEIGHT OF 42.5" [1050mm]  
 -BARRIER MUST BE ABLE TO WITHSTAND A MINIMUM OF (198lbs) 90KG FORCE  
 -BARRIER TO BE REMOVABLE IN ONE PIECE  
 -REMOVABLE BARRIER AT EACH OPENING (BY GENERAL CONTRACTOR)

FINAL  
DRAWINGS

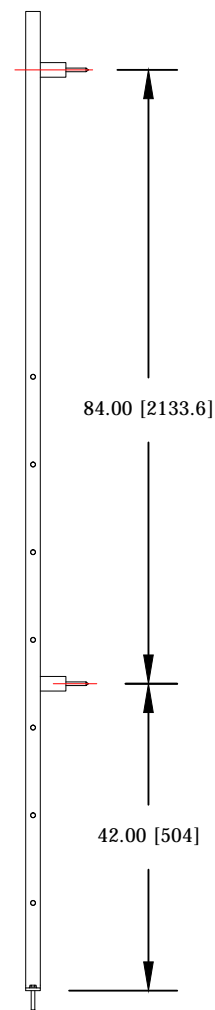
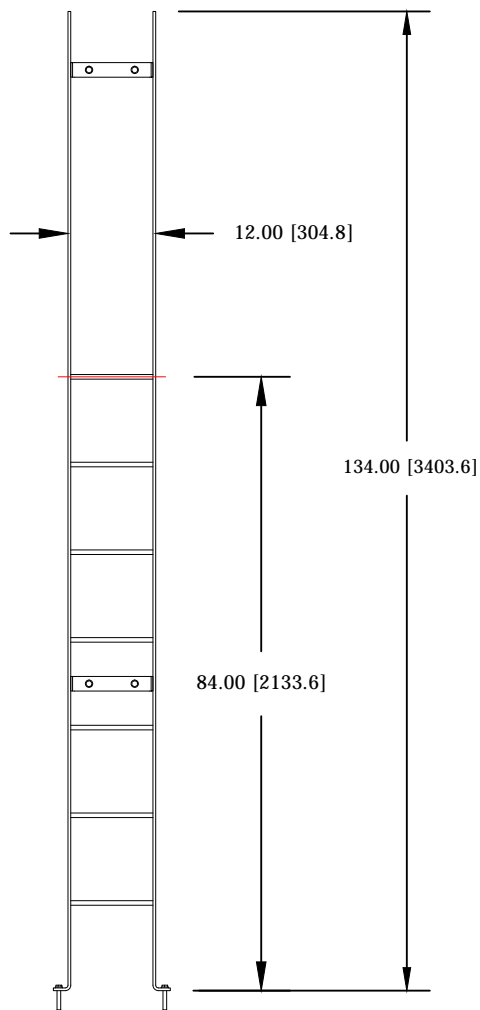


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PROJECT NUMBER	ON01P19060	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S2-P4/5

DRAWING: ROUGH OPENING



LADDERS SUPPLIED  
BY VERTECHS



FINAL  
DRAWINGS

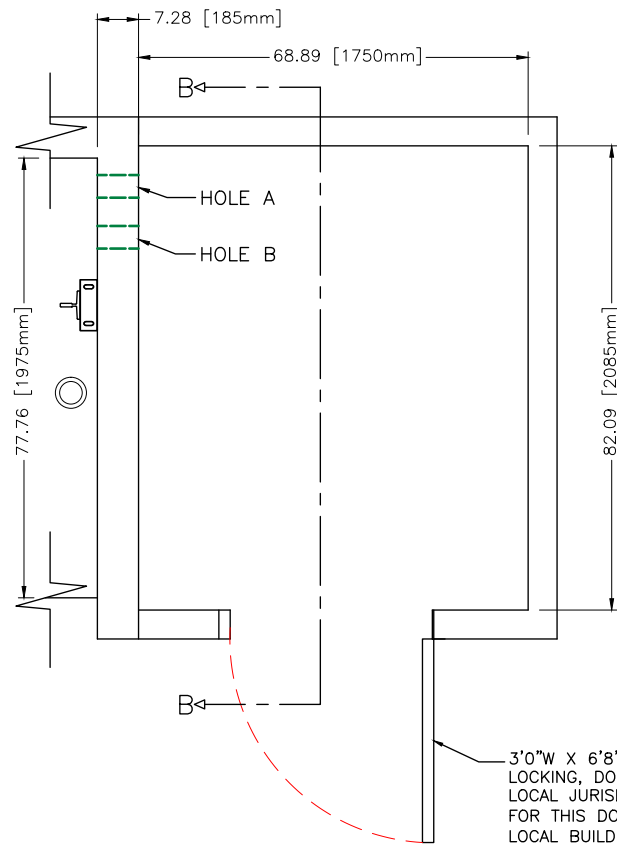


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PROJECT NUMBER	ON01P19060	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S2-P5/5
DRAWING:	PIT LADDER	

SECTION 3  
MACHINE ROOM  
CONSTRUCTION DETAILS

PROJECT NAME | FORESTSIDE EST. 3-4 BUILDING B  
PROJECT NUMBER | ON01P19060

FINAL DRAWINGS



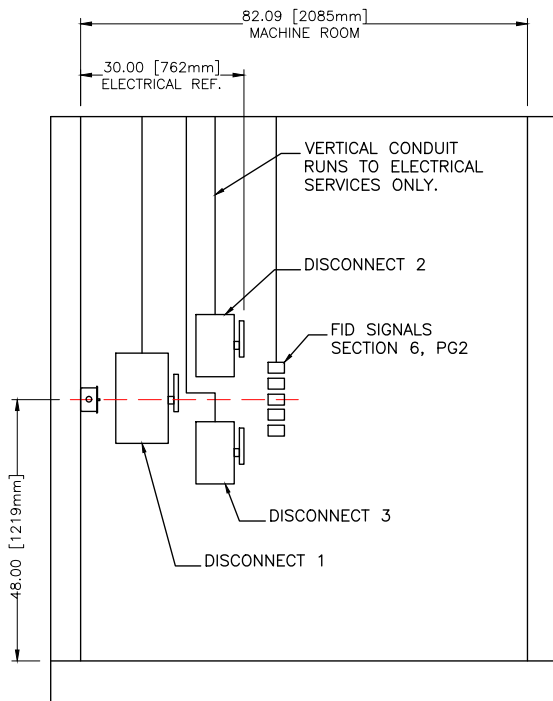
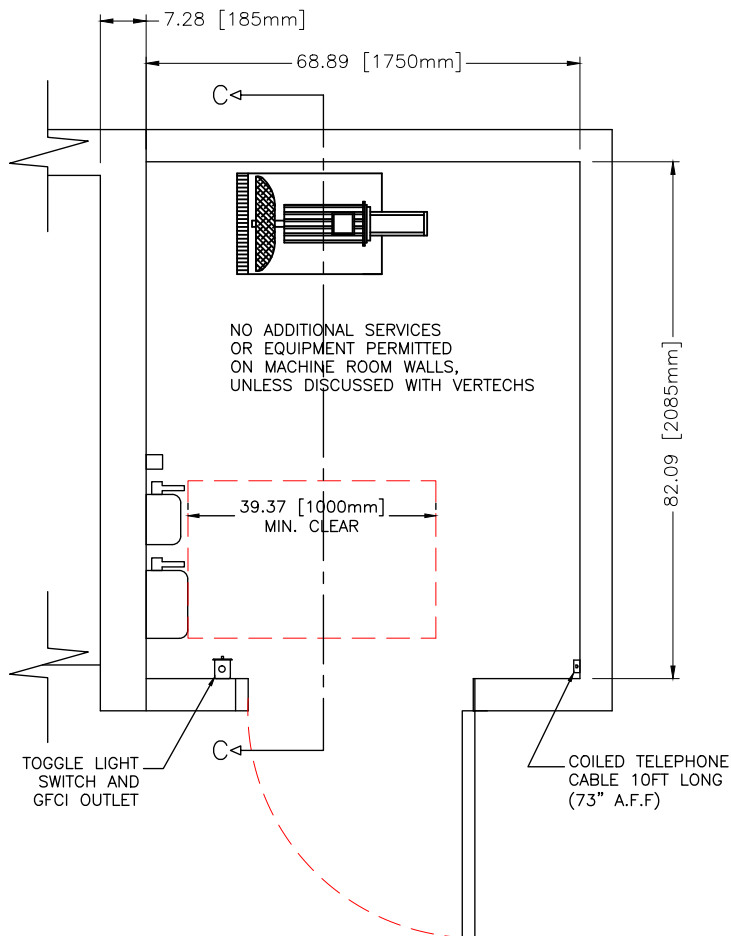
# FINAL DRAWINGS



# SECTION 4 ELECTRICAL DETAILS

PROJECT NAME | FORESTSIDE EST. 3-4 BUILDING B  
PROJECT NUMBER | ON01P19060

FINAL DRAWINGS



SECTION C-C

ELECTRICAL - MACHINE ROOM

TELEPHONE

AIR CONDITIONING

## PROVISIONS BY OTHERS: MACHINE ROOM ELECTRICAL

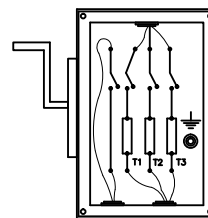
ALL RULES FOLLOW ASME A17.1-2010/CSA B44-10 BASED ON THE LATEST REVISION

1. ELECTRICAL DISCONNECTS AS SPECIFIED SHALL BE LOCATED IN MACHINE ROOM AS SHOWN.
2. PERMANENT POWER MUST BE RUN TO DISCONNECTS PRIOR TO ELEVATOR INSTALLATION STARTING.
3. ELECTRICAL CONTRACTOR TO RUN FEEDER LINES IN CONDUIT FROM MAIN DISCONNECT TO ELEVATOR CONTROLLER.
4. DISCONNECTS MUST BE FITTED WITH FUSES AS SPECIFIED ON DRAWING PRIOR TO ELEVATOR INSTALLATION STARTING.
5. CLEARANCE ON FRONT OF DISCONNECTS MUST BE A MINIMUM OF 39" [1000mm] AS SHOWN ON ELEVATOR DRAWING.
6. DISCONNECTS MUST BE PROPERLY GROUNDED TO BUILDING GROUND.
7. FEED WIRE SIZE AND CONNECTIONS FROM DISCONNECTS TO ELEVATOR CONTROLLER SHALL BE AS SHOWN ON DRAWING.
8. MACHINE ROOM LIGHT SWITCH SHALL BE LOCATED AS SHOWN ON DRAWING. VERIFY SWING OF DOOR WITH GC PRIOR TO FITTING LIGHT SWITCH.
9. PERMANENTLY GUARDED LIGHTING SHALL BE PROVIDED IN MACHINE ROOM. LIGHTING MUST BE A MINIMUM OF 200lx (19FC) IN ANY AREA OF THE MACHINE ROOM.
10. MACHINE ROOM 110V AC GFCI SHALL BE LOCATED AS SHOWN ON DRAWING.
11. NO OTHER ELECTRICAL SERVICES OR DEVICES ARE PERMITTED IN THE ELEVATOR MACHINE ROOM.

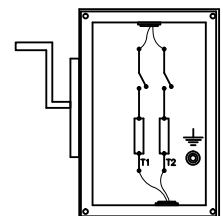
12. JACK MUST BE ACTIVE AND TAGGED WITH 24/7 EMERGENCY TELEPHONE THAT CAN BE PROGRAMMED INTO THE ELEVATOR EMERGENCY TELEPHONE. THIS MUST BE ARRANGED PRIOR TO ELEVATOR INSTALLATION STARTING.

13. AIR CONDITIONING DEVICES NOT TO BE PLACED IN MACHINE ROOM, UNLESS DISCUSSED WITH ELEVATOR CONTRACTOR.
14. MACHINE ROOM TEMPERATURE SHALL BE CONTROLLED BETWEEN 60°F (16°C) AND 90°F (32°C).
15. MACHINE ROOM SHALL BE ADEQUATELY VENTED AS REQUIRED BY CODE.

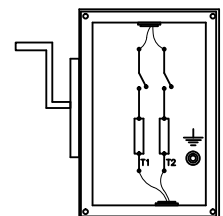
AUX POWER TO BE N/C  
WHEN POWER IS ON



MAIN DISCONNECT 1  
3 PHASE WITH AUX CONTACT  
600 VOLT (FUSED)  
FULL LOAD AMPS: 30.4  
SIZE DISCONNECT ACCORDINGLY



DISCONNECT 2 (CAB LIGHTS)  
120 VOLT, 15 AMP (FUSED)  
SINGLE PHASE



DISCONNECT 3 (OIL COOLER)  
220 VOLT, 20 AMP (FUSED)  
SINGLE PHASE

FINAL  
DRAWINGS



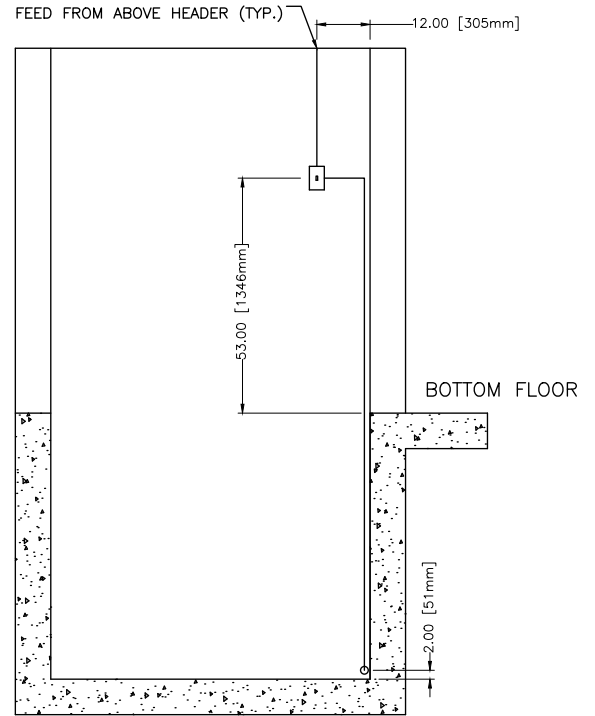
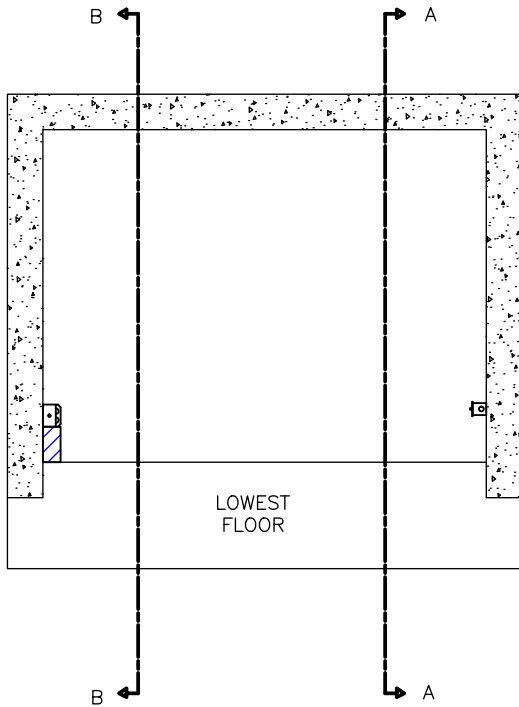
PROJECT NAME:	FORESTSIDE EST. 3-4 BUILDING B	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19060	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS/REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S4-P1/2

DRAWING: MACHINE ROOM ELECTRICAL

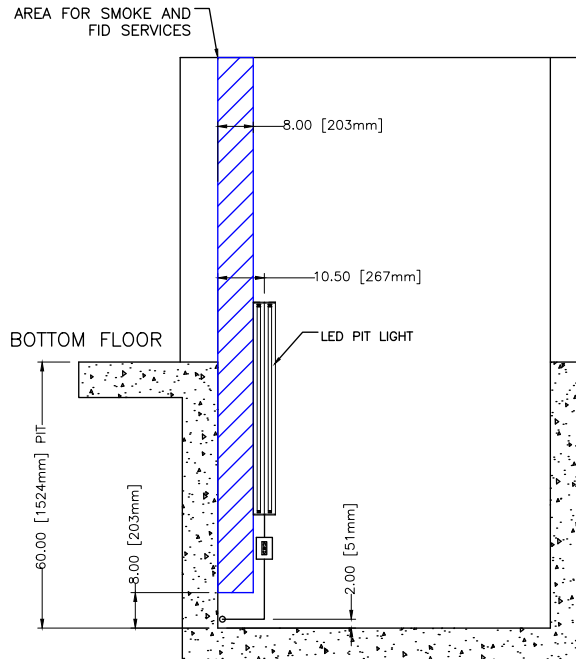
# PROVISIONS BY OTHERS:

ELECTRICAL  
PIT

13. PIT LIGHT SWITCH, GFCI RECEPTACLE AND GUARDED LIGHT SHALL BE LOCATED IN PIT AS SHOWN ON DRAWING.
14. CONDUIT RUN TO THESE DEVICES SHALL BE AS SHOWN ON DRAWINGS PROVIDED.
15. PERMANENTLY GUARDED LIGHTING IN PIT SHALL BE A MINIMUM OF 100lx (10FC) MEASURED IN ALL AREAS AT PIT FLOOR
16. PIT ELECTRICAL MUST BE INSTALLED IN HOISTWAY PRIOR TO ELEVATOR INSTALLATION.

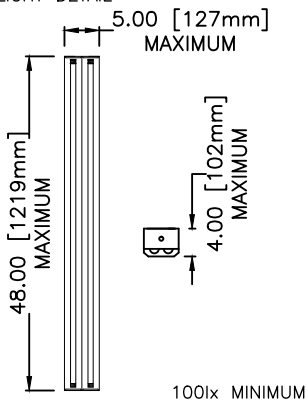


SECTION A-A



SECTION B-B

## LED LIGHT DETAIL



## NOTE\*:

ALL ELECTRICAL WIRING AND CONDUIT RUNS TO BE 'BURIED' INSIDE WALLS IF POSSIBLE, OTHERWISE, ENSURE ALL CONDUIT RUNS VERTICALLY DOWN INTO PIT. ANY HORIZONTAL RUNS TO BE KEPT 2" OFF PIT FLOOR.

FINAL DRAWINGS



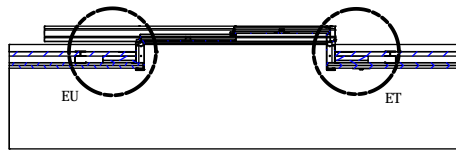
PROJECT NAME:	FORESTSIDE EST. 3-4 BUILDING B	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19060	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S4-P2/2

DRAWING: HOISTWAY PIT ELECTRICAL

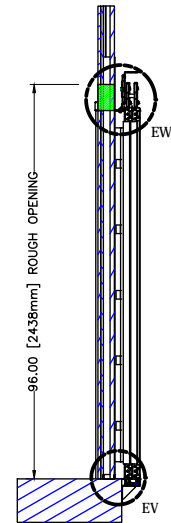
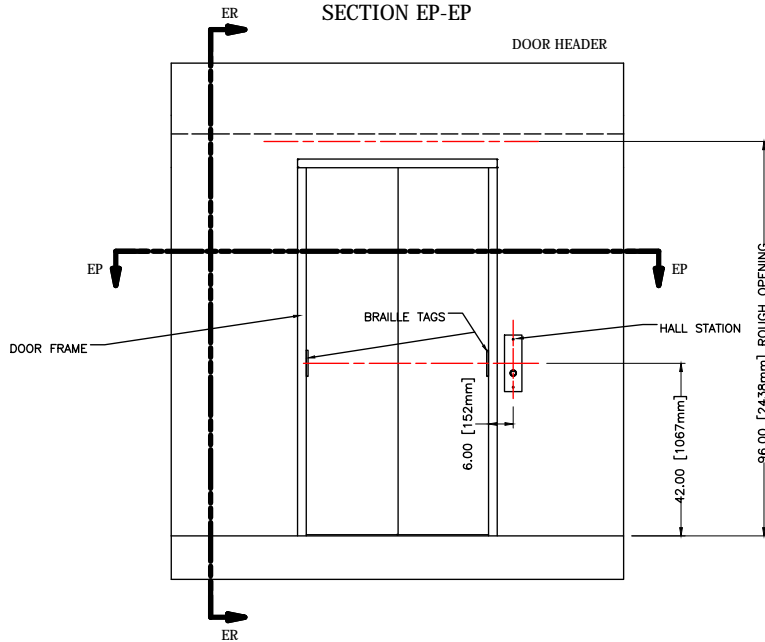
# SECTION 5 ENTRANCE DETAILS

PROJECT NAME | FORESTSIDE EST. 3-4 BUILDING B  
PROJECT NUMBER | ON01P19060

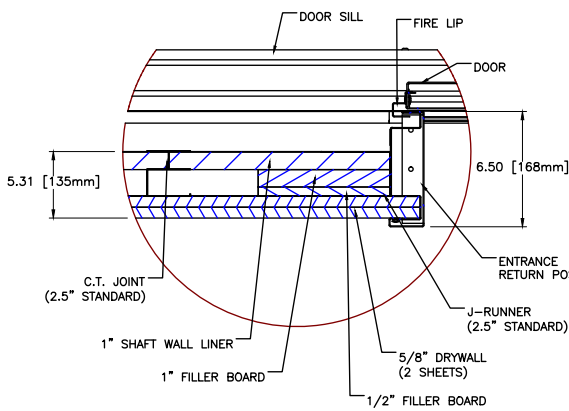
FINAL DRAWINGS



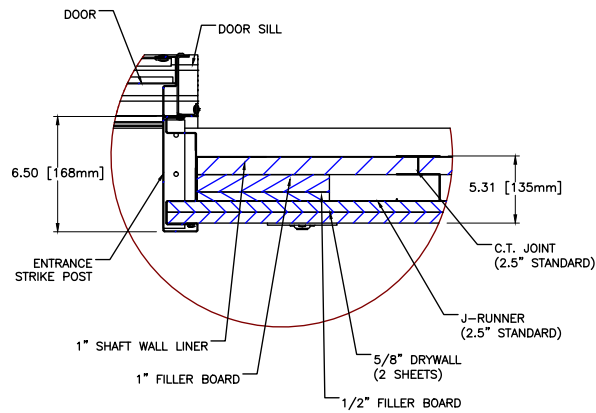
SECTION EP-EP



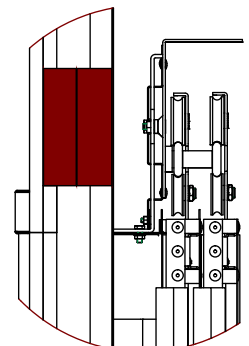
SECTION ER-ER



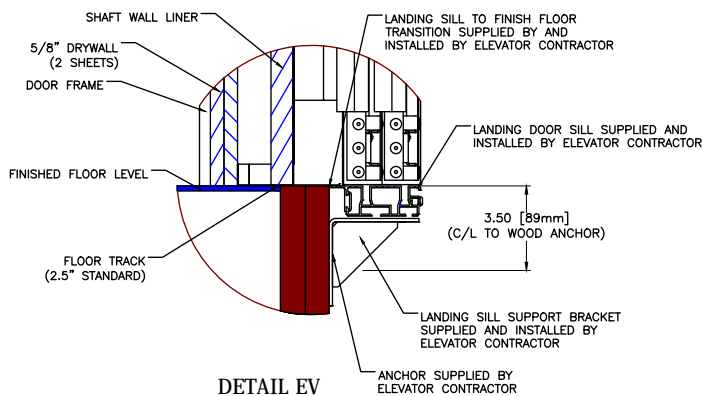
DETAIL EU



DETAIL ET



DETAIL EW



DETAIL EV

NOTE:

1. ENTRANCE WALLS NOT TO BE BUILT UNTIL ENTRANCE FRAMES ARE SET. PROVIDE GROUTING BETWEEN FINISHED FRAMES AND SILL, INCLUDING PATCHING, CAULKING, AND TOUCH UP WORK.
2. ENTRANCE FRAMES ARE NOT DESIGNED TO SUPPORT OVERHEAD WORK LOADS.
3. TAKE CAUTION TO NOT MOVE DOOR FRAME WHEN FINISHING ENTRANCE WALL.

FINAL  
DRAWINGS

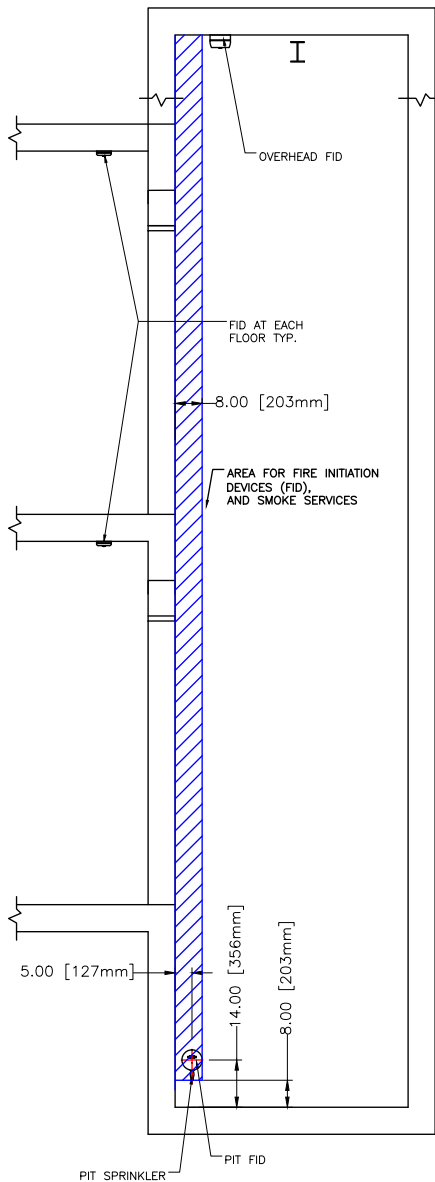


PROJECT NAME:	FORESTSIDE EST. 3-4 BUILDING B	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19060	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S5-P1/1
DRAWING:	ENTRANCE DETAILS	

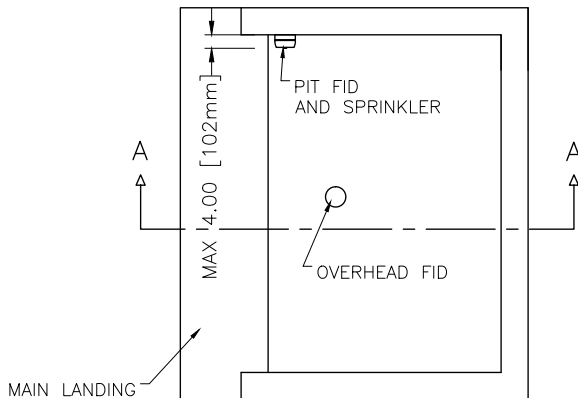
# SECTION 6 FIRE SERVICE DETAILS

PROJECT NAME | FORESTSIDE EST. 3-4 BUILDING B  
PROJECT NUMBER | ON01P19060

FINAL DRAWINGS



SECTION A-A



SPRINKLERS AND  
SMOKE DETECTORS

FIRE DETECTION AND SUPPRESSION

ALL RULES FOLLOW ASME A17.1-2010/CSA B44-10 BASED ON THE LATEST REVISION

1. SPRINKLERS (IF REQUIRED), SMOKE DETECTORS, HEAT DETECTORS AND SUMP PUMP SHALL NOT BE LOCATED IN HOISTWAY OR MACHINE ROOM UNLESS DISCUSSED WITH ELEVATOR COMPANY.
2. SPRINKLERS SHALL CONFORM TO NFPA-13 AND NBCC IN ADDITION TO ASME17.1-2010/CSA B44-10 SECTION 2.8.3.3.
3. SMOKE AND HEAT DETECTORS (FIRE DETECTORS) SHALL CONFORM TO NFPA-72 AND NBCC IN ADDITION TO ASME 17.1-2010/CSA B44-10 SECTION 2.27.3.2.
4. ALL N/O DRY CONTACTS FROM ALL DETECTORS TO BE RAN TO MACHINE ROOM AND LABELED WITH LOCATION.
5. NO SPRINKLER HORIZONTAL PIPE RUNS IN THE HOISTWAY.
6. SPRINKLERS TO BE FLUSH MOUNTED IN THE HOISTWAY.

NOTE:

FID = FIRE INITIATION DEVICES

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RUN ALL FID CONDUCTORS TO MACHINE ROOM AND ADDRESS FID CONDUCTORS AS FOLLOWS:

MR = MACHINE ROOM

OH = OVERHEAD

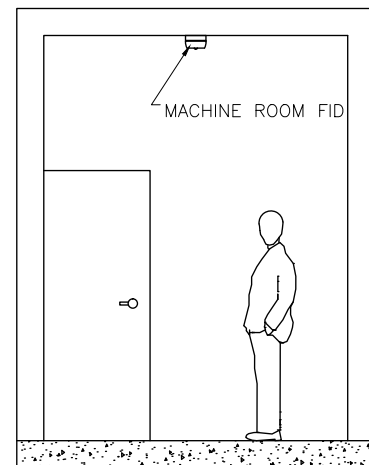
F1 = 1ST LANDING

F2 = 2ND LANDING

F3 = 3RD LANDING

F4 = 4TH LANDING

P = PIT

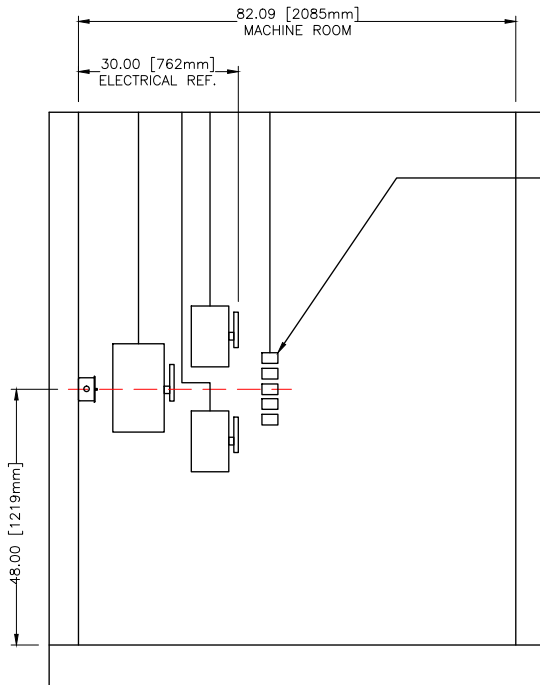
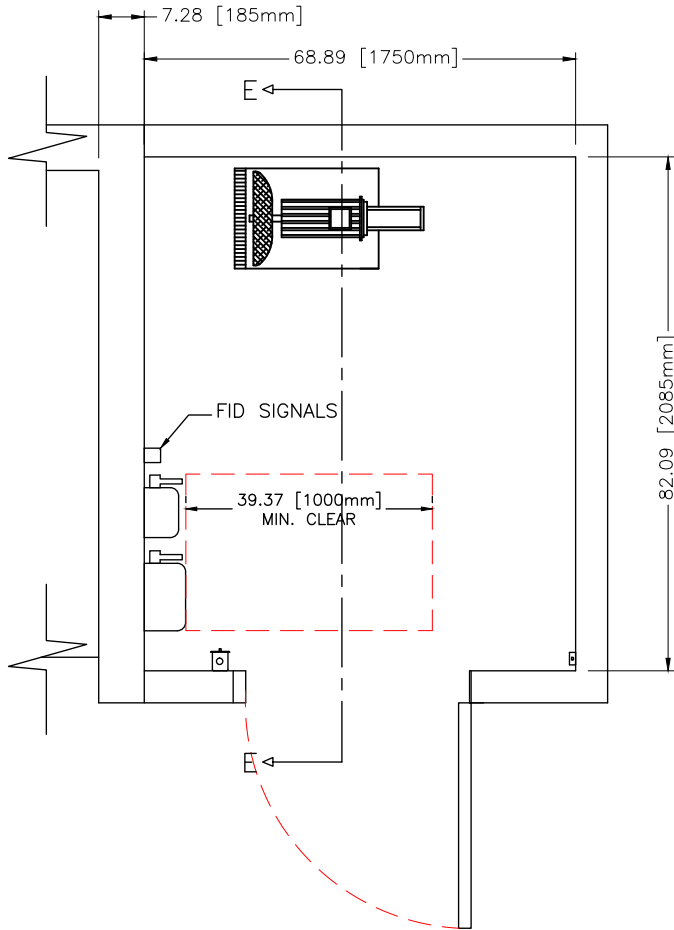


MACHINE ROOM SMOKE DETECTOR

FINAL  
DRAWINGS



PROJECT NAME:	FORESTSIDE EST. 3-4 BUILDING B	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19060	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S6-P1/2
DRAWING:	FIRE SERVICE	



SECTION E-E

SPRINKLERS

FIRE INITIATING DEVICES (FID)

SPRINKLERS AND FID

ALL RULES FOLLOW ASME A17.1-2010/CSA B44-10 BASED ON THE LATEST REVISION

IF SPRINKLERS ARE REQUIRED, PROCEED AS FOLLOWS:

1. SPRINKLERS TO BE INSTALLED AS PER NATIONAL AND LOCAL GOVERNING CODES.
2. IN ELEVATOR HOISTWAY (SHAFT) RUN ALL SERVICE LINES VERTICALLY IN AREA SHOWN ON DRAWING. NO HORIZONTAL RUNS.
3. TYPICALLY, TWO SPRINKLER HEADS TO BE PROVIDED IN ELEVATOR HOISTWAY (SHAFT): ONE IN THE PIT AND ONE AT THE TOP OF SHAFT CEILING.
4. SPRINKLER HEAD AND SERVICE LINE FITTINGS SHALL NOT BE INSTALLED OVER ANY EQUIPMENT IN MACHINE ROOM. SEE DRAWING SECTION 1, PG 4 FOR LOCATION OF EQUIPMENT IN MACHINE ROOM AND CONTACT ELEVATOR COMPANY IF FURTHER CLARIFICATION IS REQUIRED.

1. ALL FID TO BE INSTALLED AS PER NATIONAL AND LOCAL GOVERNING CODES.
2. IN ELEVATOR HOISTWAY (SHAFT), RUN ALL SERVICE LINES TO FID'S VERTICALLY AS SHOWN ON DRAWING. NO HORIZONTAL RUNS.
3. TYPICALLY, TWO FID'S TO BE INSTALLED IN ELEVATOR HOISTWAY (SHAFT): ONE IN THE PIT AND ONE AT THE TOP OF SHAFT CEILING. FIDS SHALL NOT PROTRUDE ANY MORE THEN 4" FROM WALL AS PER DRAWING.
4. ONE FID SHALL BE LOCATED IN CLOSE PROXIMITY TO EACH ELEVATOR LANDING ENTRANCE.
5. ONE FID SHALL BE INSTALLED IN MACHINE ROOM. SERVICE LINES TO THIS FID SHALL NOT BE RUN ON MACHINE ROOM WALL AS INDICATED ON DRAWING SECTION 4 PG 1 AND 2.
6. FIVE FIRE SERVICE ADDRESSABLE RELAYS TO BE LOCATED IN THE MACHINE ROOM AS SHOWN ON DRAWING.
7. FIRE 'PULL STATIONS' CANNOT ACTIVATE ELEVATOR FIRE SERVICE.
8. RUN NORMALLY OPEN (N/O) DRY CONTACT (CLOSED ON ALARM) SIGNAL WIRE FROM RELAYS TO ELEVATOR CONTROLLER AND LEVEL AS FOLLOWS: MR = MACHINE ROOM, P = PIT, OH = OVERHEAD, M = MAIN FIRE EGRESS LANDING, AL = ALL OTHER LANDINGS.

NOTE:  
ALL EQUIPMENT TO BE INSTALLED  
USING DRAWINGS MARKED 'FINAL'. DO  
NOT USE 'DRAWINGS FOR REVIEW.'

FINAL  
DRAWINGS



PROJECT NAME:	FORESTSIDE EST. 3-4 BUILDING B	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19060	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS/REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S6-P2/2
DRAWING:	FID SIGNALS/RELAYS	



# TABLE OF CONTENTS


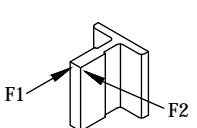
PROJECT NAME | FORESTSIDE EST 5-6 BUILDING C  
PROJECT NUMBER | ON01P19061

SECTION #	DESCRIPTION	PAGES
1	ELEVATOR DETAILS	7
2	HOISTWAY DETAILS	4
3	MACHINE ROOM CONSTRUCTION DETAILS	1
4	ELECTRICAL DETAILS	2
5	ENTRANCE DETAILS	1
6	FIRE SERVICE DETAILS	2

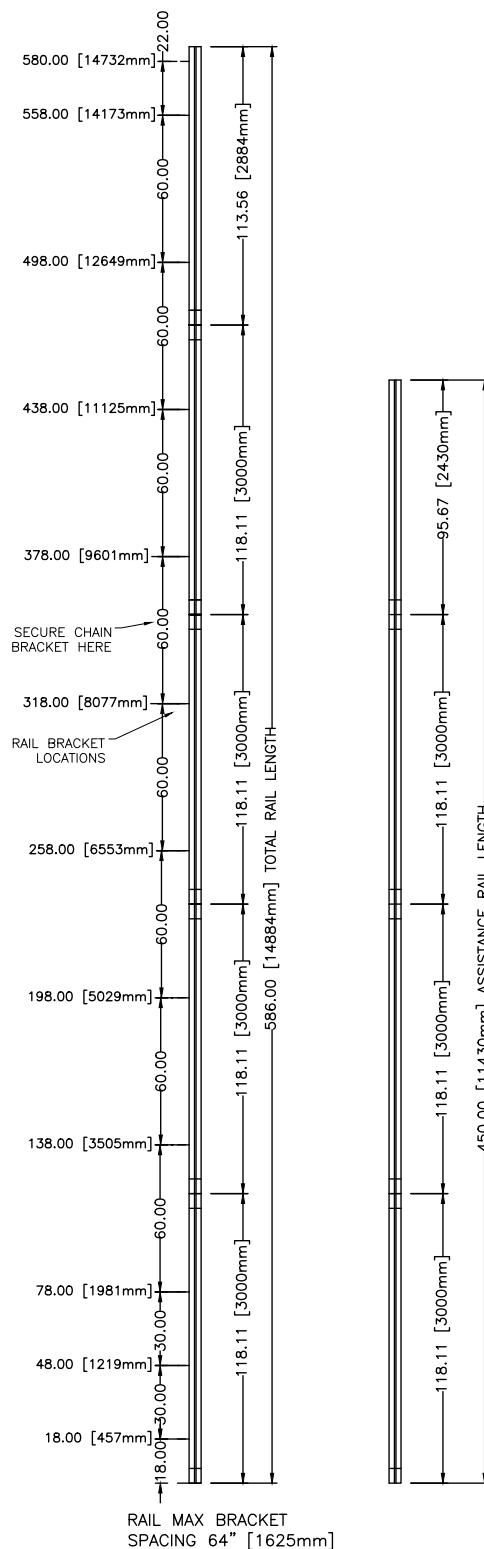
# SECTION 1 ELEVATOR DETAILS

PROJECT NAME | FORESTSIDE EST 5-6 BUILDING C  
PROJECT NUMBER | ON01P19061

FINAL DRAWINGS

GENERAL	ELEVATOR #		1		GENERAL	CAB CONFIGURATION		FRONT					
	CLASSIFICATION		PASSENGER			CAB SIZE		81" W X 51-1/8" D X 90" H					
	CAPACITY lb [kg]		2500 [1134]			NUMBER OF FLOORS		4					
	UP SPEED FPM [m/s] [NOMINAL]		100 [0.50]			NUMBER OF OPENINGS		4 FRONT					
MACHINE	DOWN SPEED FPM [m/s] [NOMINAL]		100 [0.50]		CAB OPTIONS	ENTRANCE CONSTRUCTION		X	DRYWALL	-	MASONRY		
	OPERATION		SELECTIVE COLLECTIVE			BUFFER TYPE AND STROKE [mm]		4 SPRING 3.54" [90]					
	POWER SUPPLY		600V 3PH			SEISMIC REQUIREMENT		NO					
	FLOORS SERVED		4			RAIL BRACKET MOUNTING		-	WOOD ANCHOR	-	MASONRY ANCHOR		
	RAILS [lb/ft]		8			DOOR OPERATOR NUDGING		X	YES	-	NO		
	CONTROLLER		MICROPROCESSOR			CERTIFICATE FRAME		X	YES	-	NO		
	DRIVE		GMV TYPE 3			PIT SHUT OFF VALVE		-	YES	X	NO		
	CONTROL VALVE		GMV 3010S			BOTTOM LANDING	COP FINISH		SECTION 1, PG 6				
	PUMP TYPE		3 SPINDLE SCREW				CAB LIGHT		SECTION 1, PG 5				
	FEED FLOW GPM [LPM]		67 [254]				CEILING PANELS		SECTION 1, PG 5				
	FULL LOAD STATIC PRESSURE PSI [BAR]		403 [27]				HANDRAIL (STAINLESS STEEL)		SECTION 1, PG 5				
	FULL LOAD DYNAMIC PRESSURE PSI [BAR]		443 [31]				WALL PANELS		LAMINATED - FORMICA				
RELIEF PRESSURE PSI [BAR]		524 [36]		FINISH NO.			SECTION 1, PG 5						
FEED LINE		2" [50.8] SCHED. 80 A53-B/A106-B		FINISH NAME			SECTION 1, PG 5						
MOTOR SIZE HP [kW]		25HP [18.4kW] 60HZ		DOOR PANEL FINISH			BRUSHED STAINLESS STEEL						
MACHINE HEAT OUTPUT BASED ON 55 STARTS / HR - BTU [watt]		13224 [3835]		FINISHED FLOOR		X	CERAMIC	-	OTHER				
ENTRANCE	DOOR TYPE		2 SPEED		INTERMEDIATE FLOOR 1	FIRE RATED SPEC		1 1/2 HR. UL					
	DOOR SIZE - W X H in [mm]		42" [1067] X 84" [2140]			ENTRANCE HAND		LH					
	DOOR INTERLOCK		CSA - 200342			ENTRANCE FINISH		-	STAINLESS	X	POWDER COAT BEIGE		
	FIRE RATING		UL 1 1/2 HR			HALL STATION TYPE		X	BUTTON	-	WITH KEYED ACCESS		
	MANUFACTURER		OLS			HALL STATION FINISH		SATIN STAINLESS STEEL					
	DOOR SAFETY RETAINER		YES			FIRE SERVICE		-	YES	X	NO		
CAB	ENCLOSURE		STEEL WITH APPLIED PLASTIC LAMINATE PANELS		INTERMEDIATE FLOOR 2	FLOOR MARKING		P1					
	DOOR OPERATION (CSA APPROVED)		2 SPEED OLS			ENTRANCE HAND		LH					
	INTERLOCK		CONTACT ONLY			ENTRANCE FINISH		-	STAINLESS	X	POWDER COAT BEIGE		
	DOOR OPERATOR		OLS - CSA			HALL STATION TYPE		X	BUTTON	-	WITH KEYED ACCESS		
	DOOR RE-OPENING		FULL LENGTH LIGHT CURTAIN			HALL STATION FINISH		SATIN STAINLESS STEEL					
CARFRAME & PLATFORM	DOOR SILL		EXTRUDED ALUMINUM		TOP FLOOR	FIRE SERVICE		X	YES	-	NO		
	JOISTS / STRINGERS		16GA FORMED STEEL			FLOOR MARKING		*1					
	CROSSHEAD		7GA 8 X 2 FORMED STEEL			ENTRANCE HAND		LH					
	STILE		7GA 7 X 2 1/2 FORMED STEEL			ENTRANCE FINISH		-	STAINLESS	X	POWDER COAT BEIGE		
ADDITIONAL WEIGHTS	PLANK		7GA 7 X 2 FORMED STEEL		OTHER	HALL STATION TYPE		X	BUTTON	-	WITH KEYED ACCESS		
	CAB WEIGHT		975 [442.3]	TOE GUARD		57 [25.9]	HALL STATION FINISH		SATIN STAINLESS STEEL				
	HANG ON PANELS		175 [79.5]	CAB DOOR PANELS		45 [20.4]	FIRE SERVICE		-	YES	X	NO	
	HAND RAILS		25 [11.4]	DOOR OPERATOR		86 [39.0]	FLOOR MARKING		2				
	FAN		7.4 [3.36]	DROP DOWN CEILING		30 [13.6]	ENTRANCE HAND		LH				
	TOC		5.5 [2.47]	CAR FRAME		617 [280.4]	ENTRANCE FINISH		-	STAINLESS	X	POWDER COAT BEIGE	
	COP		50 [22.7]	FINISHED FLOOR ALLOWANCE		200 [91.0]	HALL STATION TYPE		X	BUTTON	-	WITH KEYED ACCESS	
TOTAL		2415 [1098.0]				HALL STATION FINISH		SATIN STAINLESS STEEL					
RUPTURE VALVE	MODEL	TYPE	WORKING RANGE		HYDRAULIC JACK (2 JACK SYSTEM)	HOISTWAY ACCESS		X	YES	-	NO		
	X 80366020	VC 3006 / B 1 1/2" NPT	20 - 350 L/MIN - 1 1/2" NPT			FLOOR MARKING		3					
REACTION FORCES	- 80366015	VC 3006 / B 1 1/2" NPT	173 - 525 L/MIN - 1 1/2" NPT		FIRE SERVICE ALTERNATE FLOOR		P1						
	JACK TYPE: 60-3Y		DIMENSION mm [in]		MACHINE ROOM LOCATION		SEE SECTION 1, PAGE 4 OF 7						
	PLUNGER 1	O.D.	60.5 [2.4]	77.3 [35.1]	CONTROLLER LOCATION		SEE SECTION 1, PAGE 4 OF 7						
		WALL THICKNESS	4.3 [0.2]		DRIVE LOCATION		SEE SECTION 1, PAGE 4 OF 7						
		LENGTH	3739.0 [147.2]		EMERGENCY POWER		-	YES	X	NO			
	PLUNGER 2	O.D.	75.5 [3.0]	82.9 [37.6]	HEAT EXCHANGER		X	YES	-	NO			
		WALL THICKNESS	4.3 [0.2]		APPROVED BY:								
		LENGTH	3669.0 [144.4]		NAME:								
	PLUNGER 3	O.D.	90.5 [3.6]	105.8 [48.0]	DATE:								
		WALL THICKNESS	4.3 [0.2]		SIGNATURE								
		LENGTH	3669.0 [144.4]		FINAL DRAWINGS								
	CYLINDER	O.D.	106.0 [4.2]	131.8 [59.8]	PROJECT NAME:		FORESTSIDE EST 5-6 BUILDING C		DRAWN BY: N.R.				
		WALL THICKNESS	4.5 [0.2]		PROJECT NUMBER		ON01P19061		CHECKED BY: A.L.				
		LENGTH	3579.0 [140.9]		LOCATION		65 ATTMAR DR. BRAMPTON		DATE:				
HEAD THICKNESS		32.0 [1.25]	ELEVATOR COMPANY		VERTECHS ELEVATOR SYSTEMS		26/05/2021						
TOTAL WEIGHT PER JACK		397.8 [180.4]		GENERAL CONTRACTOR		ROYAL PINE HOMES		SCALE: NTS REV:0					
	FORCE ITEM		REACTION lb [kN]		ARCHITECT		GRAZIANI + CORAZZA ARCHITECTS		SHEET: S1-P1/8				
	PIT (R)		16100 [71.62]		DRAWING:		TECHNICAL DATA						
	BUFFER (RB)		19457 [86.55]										
	F1		375 [1.67]										
	F2		180 [0.80]										
	SEISMIC CONDITION=0.26		REACTION FORCES ARE DOUBLED FOR IMPACT (PIT)										

SECTION 1 NOT TO BE USED FOR CONSTRUCTION



FLOORS	DISTANCE (INCH)
P1 TO *1	165.35
*1 TO 2	116.14
2 TO 3	116.14



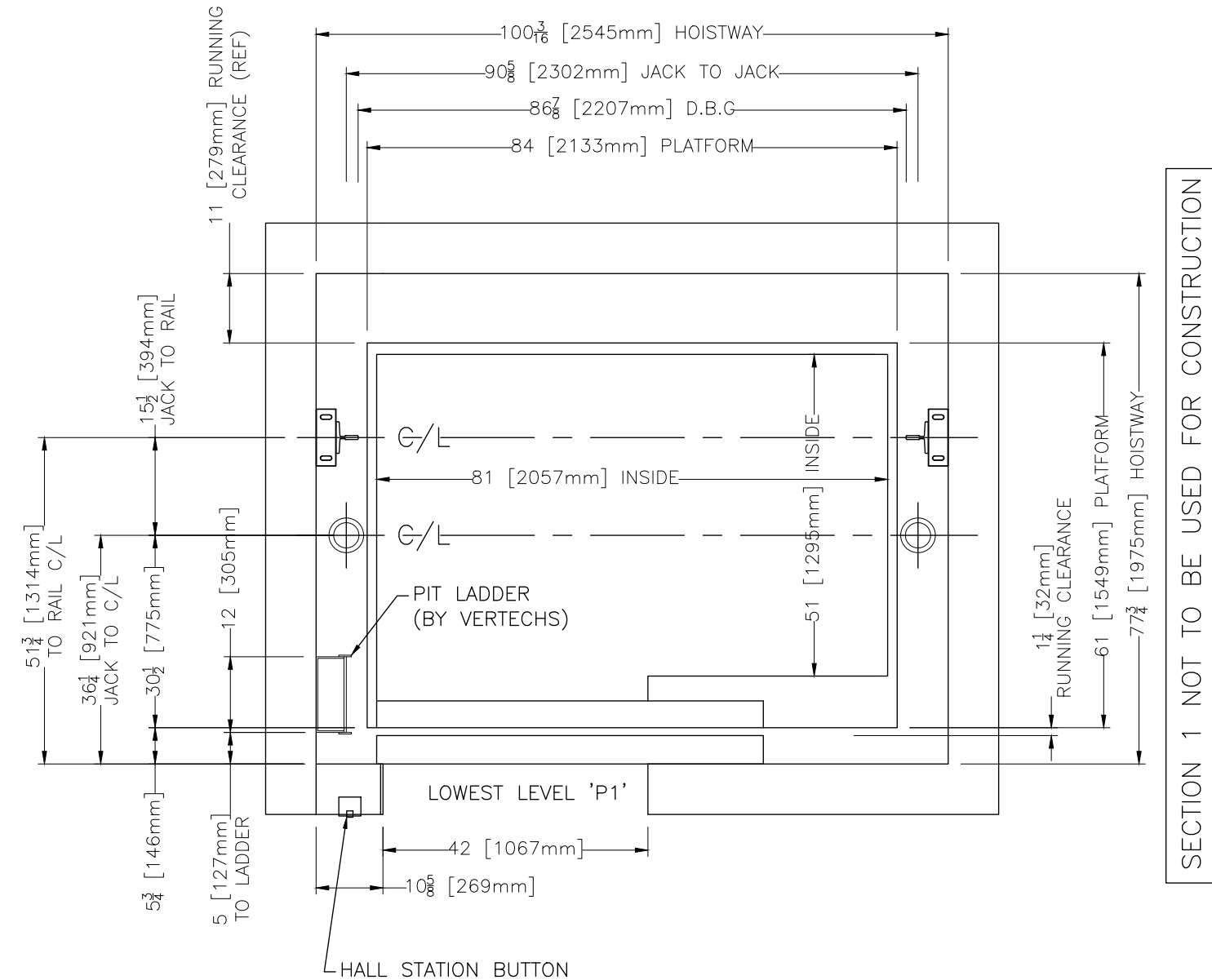
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PROJECT NUMBER	ON01P19061	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S1-P2/8

ELEVATION VIEW

HEADER AND SILLS TO BE INSTALLED AS PER ASME A17.1-2010/CSA B44-10, SECTION 2.11.11.8 HOISTWAY DOOR AND SAFETY RETAINERS. THE TOP AND BOTTOM OF HORIZONTALLY SLIDING DOORS SHALL BE PROVIDED WITH A MEANS OF RETAINING THE CLOSED DOOR PANEL IN POSITION IF THE PRIMARY GUIDING MEANS FAIL, AND PREVENTING DISPLACEMENT OF THE DOOR PANEL TOP AND BOTTOM BY MORE THAN 20mm (0.8 in.). WHEN THE DOOR PANEL IS SUBJECTED TO A FORCE OF 5000N (1,125 lbf) IN THE DIRECTION OF THE HOISTWAY APPLIED AT RIGHT ANGLES TO THE PANEL OVER AN AREA OF 300mm X 300mm (12 in. X 12 in.) AT THE APPROXIMATE CENTER OF THE PANEL. THE RETAINING MEANS SHALL ALSO WITHSTAND, WITHOUT DETACHMENT OR PERMANENT DEFORMATION, A FORCE OF 1000N (225 lbf) APPLIED UPWARD AT ANY POINT ALONG THE WIDTH OF THE DOOR PANEL AND, WHILE THIS FORCE IS MAINTAINED, AND ADDITIONAL FORCE OF 1100N (250 lbf) APPLIED AT RIGHT ANGLES TO THE DOOR AT THE CENTER OF THE PANEL. THIS FORCE SHALL BE DISTRIBUTED OVER AN AREA OF 300mm X 300mm (12 in. X 12 in.)

ASME A17.1-2010/CSA B44-10 SECTION 2.14.1.6.2 CAR ENCLOSURE TOPS. TWO UNOBSTRUCTED HORIZONTAL AREAS, EACH ONE NOT LESS THAN 350mm (14in.) BY 350mm (14in.), SHALL BE PROVIDED ON THE CAR TOP ENCLOSURE TOP. THE TWO UNOBSTRUCTED AREAS SHALL BE NO CLOSER TO ONE ANOTHER THAN 600mm (24in.), CENTERLINE TO CENTERLINE, APART. THE AREAS SHALL BE WITHIN THE PROJECTION OF THE ENCLOSURE TOP EXCLUSIVE OF THE AREA OUTSIDE OF A STANDARD RAILING (2.10.2), WHERE PROVIDED. THE TWO AREA MUST BE MINIMUM 890mm (35in.) BY 890mm (35in.)

FASCIA AS PER ASME A17.1-2010/CSA B44-10, SECTION 2.15.1.5.1



FINAL  
DRAWINGS



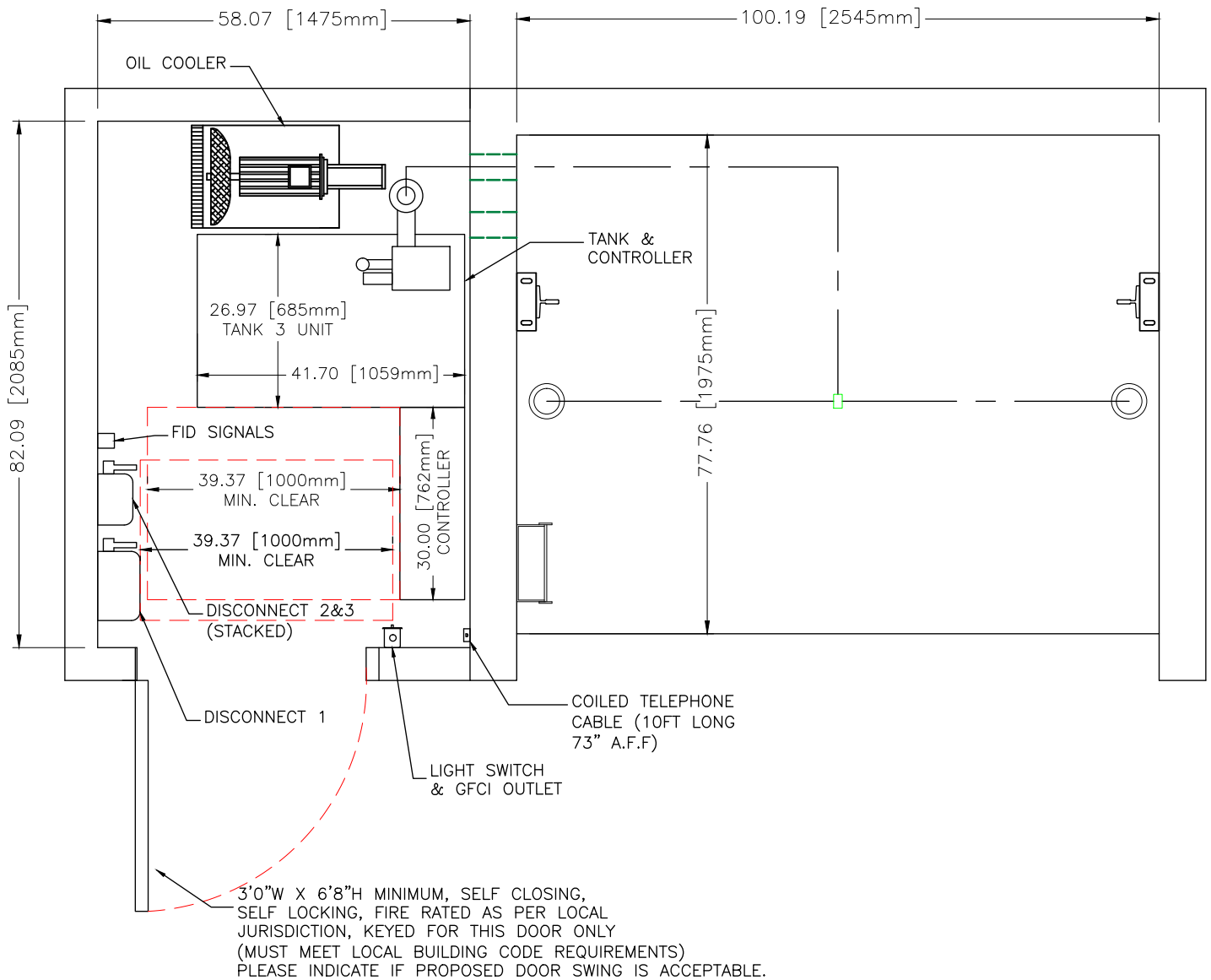
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PROJECT NUMBER	ON01P19061	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	REV: 0
DRAWING:	HOISTWAY PLAN VIEW	SHEET: S1-P3/8

SECTION 1 NOT TO BE USED FOR CONSTRUCTION

MACHINE ROOM LOCATION

ADJACENT

FLOOR P1



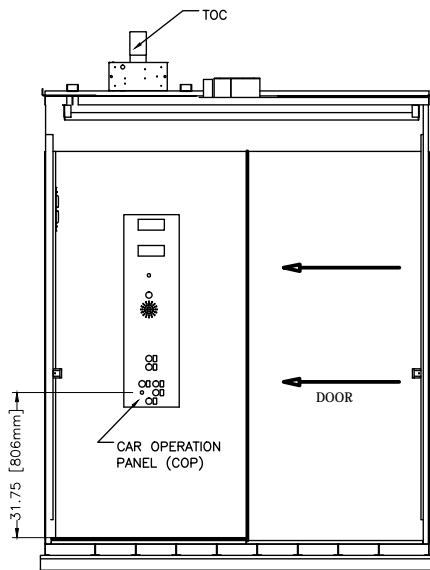
NOTE:

—COMPONENT LOCATIONS IN MACHINE ROOM MAY VARY FROM POSITIONS SHOWN PENDING ACTUAL SITE CONDITIONS  
—SWING OF MACHINE ROOM DOOR SHALL NOT INTERFERE WITH REQUIRED ELECTRICAL CLEARANCES

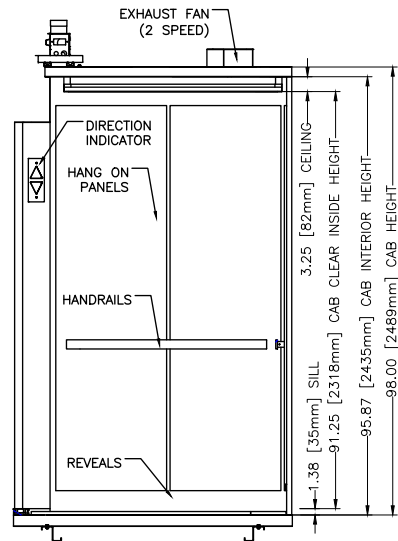
FINAL  
DRAWINGS



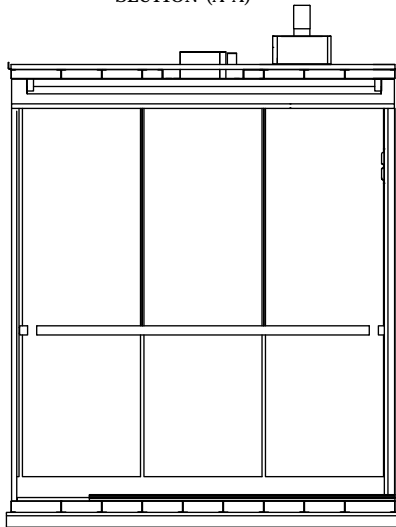
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PROJECT NUMBER	ON01P19061	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S1-P4/8
DRAWING:	MACHINE ROOM	



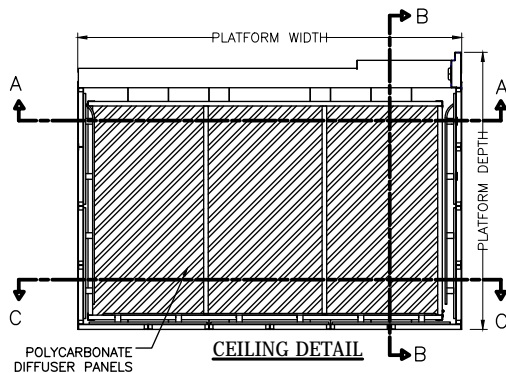
**VIEW FROM INSIDE CAB  
DOOR, FRONT RETURN AND C.O.P  
SECTION (A-A)**



**VIEW FROM INSIDE CAB  
"SIDE WALL"  
SECTION (B-B)**



**VIEW FROM INSIDE CAB BACK WALL (SECTION C-C)**



GENERAL	PLATFORM SIZE	84" [2134] WIDE X 61" [1549] DEEP	
	ENTRANCE	42" [1067] WIDE X 84" [2134] HIGH	
	INSIDE CAB SIZE	81" [2057] WIDE X 51" [1295] DEEP	
	EMERGENCY LIGHT	IN CAR OPERATING PANEL	
	PAD HOOKS	X YES	- NO
	PROTECTION PADS	X YES	- NO
	EXHAUST FAN	2 SPEED	
	CAB LIGHT	LED LIGHTING	
	CEILING PANELS	X POLYCARBONATE	- 6 SS PANELS
	HANDRAIL TYPE	X FLAT	- ROUND
FINISHES	HANDRAIL FINISH	SATIN STAINLESS STEEL	
	CAB SILL	EXTRUDED ALUMINUM	
	CERTIFICATE FRAME	SATIN STAINLESS STEEL	
	CAB ENTRANCE	SATIN STAINLESS STEEL	
	CEILING FRAME	X BLACK POWDER COAT	- SATIN STAINLESS STEEL
	CAB REVEALS	X BLACK POWDER COAT	- SATIN STAINLESS STEEL

FINAL  
DRAWINGS



PROJECT NAME:	FORESTSIDE EST 5-6 BUILDING C	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19061	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS/REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S1-P5/8
DRAWING:	CAB DETAILS	

SECTION 1 NOT TO BE USED FOR CONSTRUCTION



**Thermo Walnut  
(6402)**



**Natural Teak  
(8849)**



**Pecan Woodline  
(5883)**



**Natural Birch  
(7481)**



**Cherry Heartwood  
(9240)**



**Wild Cherry  
(5904)**



**Natural Ash  
(8843)**



**Natural Cane  
(6930)**



**Blackened Legno  
(8848)**



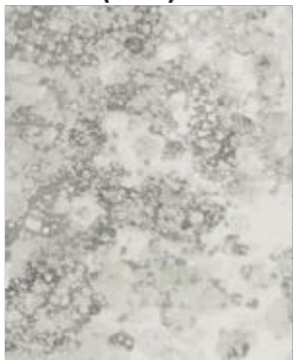
**Storm Teakwood  
(8908)**



**Fox Teakwood  
(8907)**



**Mouse  
(928)**



**Bubble Art  
(8958)**



**Portico Marble  
(7735)**



**Sarum Twill  
(8827)**



**Neutral Twill  
(8826)**

Please do not return marked up drawings to Vertechs unless the Plastic Laminate number and name is identified together with the completed Supplementary Owners Report (SOR). Standard laminate finishes shown above, additional finishes are available at an increased cost.

FORMICA LAMINATE FINISH #	8907-58
FORMICA LAMINATE NAME	FOX TEAKWOD

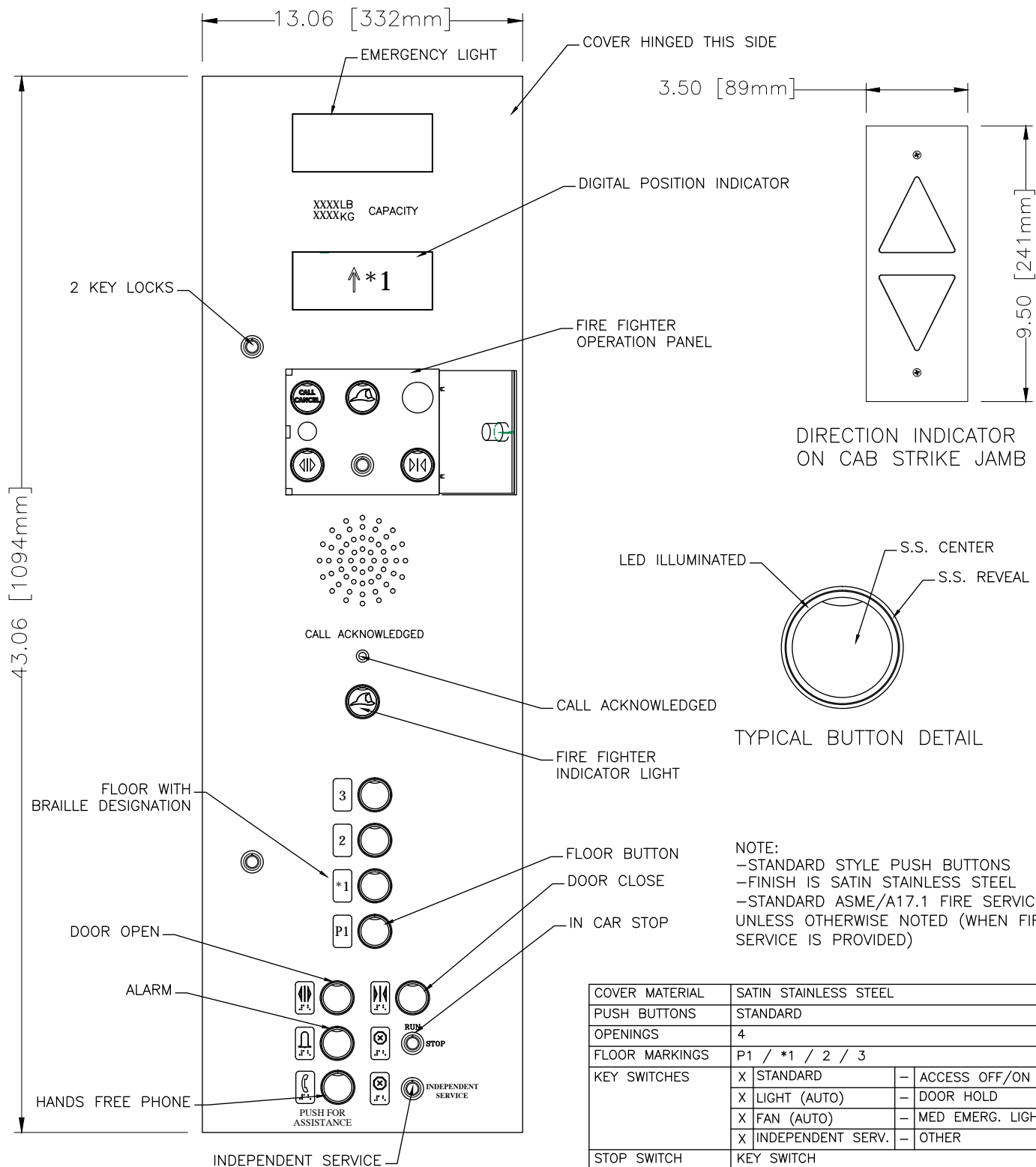
## FINAL DRAWINGS

PROJECT NAME:	FORESTSIDE EST 5-6 BUILDING C	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19061	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	REV: 0
DRAWING:	SHEET: S1-P6/8	

LAMINATE FINISH

SECTION 1 NOT TO BE USED FOR CONSTRUCTION





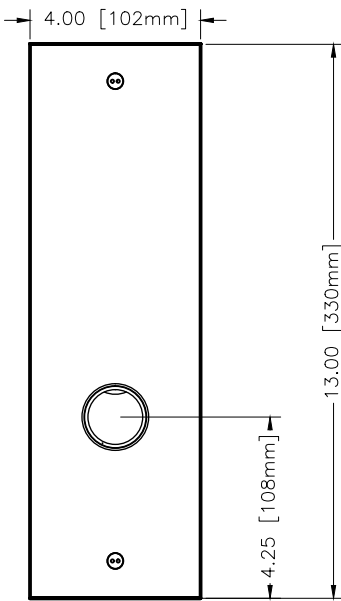
SECTION 1 NOT TO BE USED FOR CONSTRUCTION

COVER MATERIAL	SATIN STAINLESS STEEL		
PUSH BUTTONS	STANDARD		
OPENINGS	4		
FLOOR MARKINGS	P1 / *1 / 2 / 3		
KEY SWITCHES	X	STANDARD	- ACCESS OFF/ON
	X	LIGHT (AUTO)	- DOOR HOLD
	X	FAN (AUTO)	- MED EMERG. LIGHT
	X	INDEPENDENT SERV.	- OTHER
STOP SWITCH	KEY SWITCH		
FIRE SERVICE	X	YES	- NO
TELEPHONE	INSIDE COMPARTMENT, CALL WITH PUSHBUTTON		
ENGRAVING	2500lb / 1136kg		
NUDGING BUZZED	X	YES	- NO

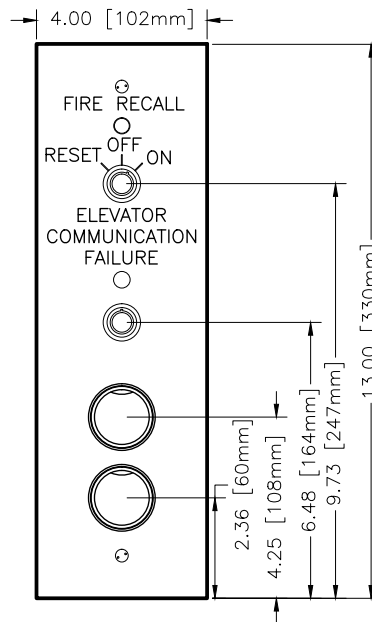
FINAL  
DRAWINGS



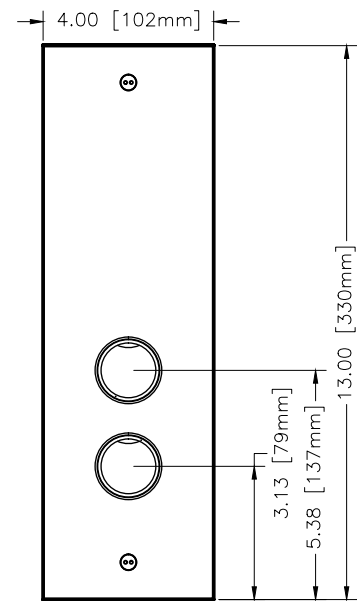
PROJECT NAME:	FORETSIDE EST 5-6 BUILDING C	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19061	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS/REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S1-P7/8
DRAWING:	CAR OPERATING PANEL	



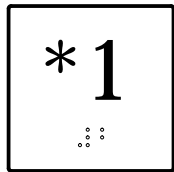
FLOOR — P1



FLOOR — \*1

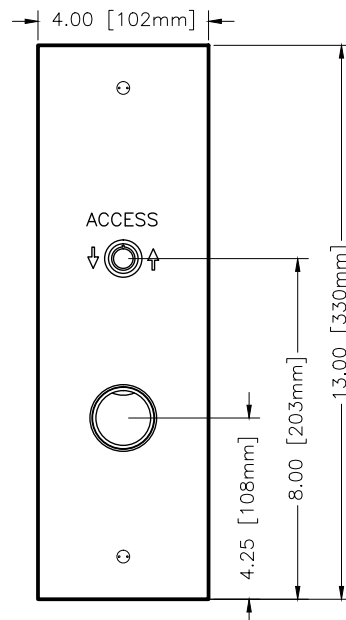


FLOOR — 2



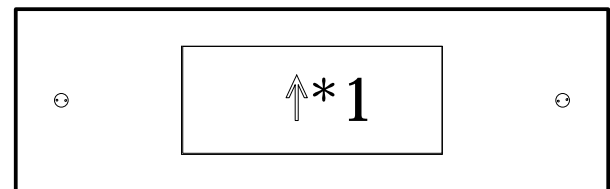
BRaille / FLOOR JAMB PLATE  
(NOTE: AS PER FLOOR DESIGNATION)

ALL FLOORS



FLOOR — 3

MAIN FLOOR (\*1) ONLY



HALL P.I. / D.I.  
(F)

NOTE:  
—STANDARD STYLE PUSH BUTTONS  
—FINISH IS SATIN STAINLESS STEEL  
—STANDARD ASME/A17.1 FIRE SERVICE  
UNLESS OTHERWISE NOTED (WHEN FIRE  
SERVICE IS PROVIDED)  
—STANDARD 13" X 4" HALL STATION  
COVERS REQUIRE 12.125" HIGH X  
3.125" WIDE X 3" DEEP CUT-OUT

SECTION 1 NOT TO BE USED FOR CONSTRUCTION

FINAL  
DRAWINGS



PROJECT NAME:	FORESTSIDE EST 5-6 BUILDING C	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19061	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S1-P8/8

DRAWING:

HALL FIXTURES

# SECTION 2 HOISTWAY DETAILS

PROJECT NAME | FORESTSIDE EST 5-6 BUILDING C  
PROJECT NUMBER | ON01P19061

FINAL DRAWINGS

Technical drawing of a hoistway pit. The drawing shows a rectangular pit with dimensions in feet and inches, and millimeters in brackets. The width is 100' <sup>3</sup>/<sub>16</sub> [2545mm] HOISTWAY. The depth is 77' <sup>3</sup>/<sub>4</sub> [1975mm] HOISTWAY. The pit is 14' <sup>7</sup>/<sub>8</sub> [378mm] deep on the left and right sides. The pit is 48 [1219mm] deep on the left side. The pit is 10.25 [260mm] deep on the right side. The pit is 51.75 [1314mm] deep on the right side. The pit is 26.01 [661mm] deep on the right side. The drawing includes labels for 'RAIL BRACKETS TO BE WELDED TO STEEL BEAMS' and 'PIT DRAIN SEE NOTE 20'. The drawing also includes a section line 'A' and a note 'FLOORS: P1 / \*1 / 2 / 3'.

RAIL BRACKET DETAILS  
PART# 202208



**Vertechs**  
World-Class Elevators

## HOISTWAY PIT

14. DEPTH AND SIZE MUST BE AS SHOWN ON DRAWING.
15. WALLS MUST BE FLUSH WITH HOISTWAY WALLS (NO STEPS).
16. MUST BE SQUARE WITHIN 1/4" IN ANY DIRECTION OVER ENTIRE DIMENSION AND STILL MAINTAIN SIZE.
17. MUST BE CLEAN, DRY AND FREE OF ANY IRREGULARITIES.
18. FLOOR MUST BE CLEAN, FLAT AND FREE FROM ANY IRREGULARITIES.
19. FLOOR MUST BE ABLE TO SUPPORT PIT REACTIONS AS SHOWN ON DRAWING SECTION 1, PAGE 1.
20. DRAIN, IF PROVIDED, MUST BE LARGE ENOUGH TO EVACUATE 3,000 GAL/HR, EITHER BY GRAVITY OR PUMP. DRAIN MUST BE GRATED, FLUSH WITH PIT FLOOR. DRAIN MUST BE DESIGNED TO PREVENT GAS OR VAPOR ENTERING THE HOISTWAY. DRAIN MUST BE DESIGNED TO PREVENT WATER ENTERING THE PIT (BACK FLOW PREVENTOR / NON-RETURN VALVE). A PIT DRAIN MUST BE INSTALLED. SUMP PUMP SHALL NOT BE LOCATED IN PIT. DRAIN TO BE ZURN # Z-189-VP DRAIN OR EQUIVALENT (TO BE FLUSH WITH PIT FLOOR)

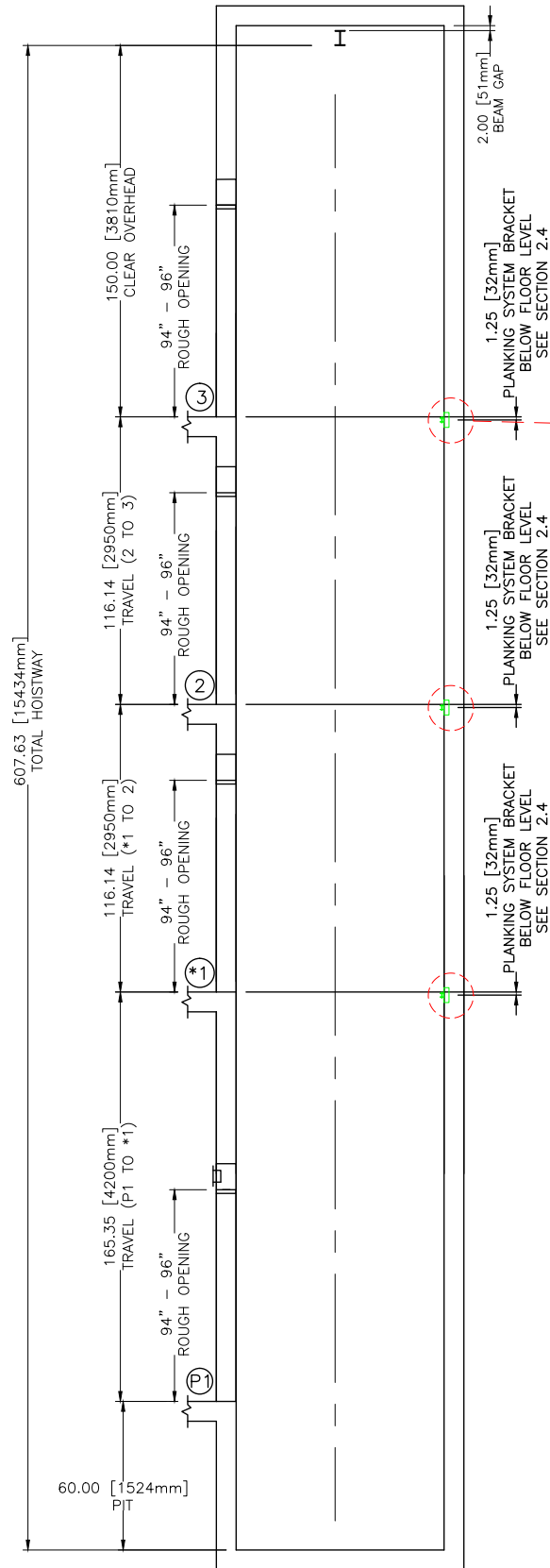
An isometric line drawing of a mechanical component. It features a central rectangular slot and four rectangular holes, one in each of the four quadrants. The part is shown from an isometric perspective, with a line extending from the bottom right corner towards the bottom right of the page.

THE BUILDING CONSTRUCTION FORMING THE SUPPORTS FOR THE GUIDE RAIL AND RAIL BRACKETS SHALL BE DESIGNED TO WITHSTAND THE FORCES INDICATED ON S1-P1/7. THE CONTRACTOR MUST ENSURE THAT THE INDICATED FORCES ARE REVIEWED BY THE APPROPRIATE PROFESSIONAL(S) TO ENSURE THAT THE BUILDING DESIGN AND CONSTRUCTION MEET ALL THE REQUIRED CODES.

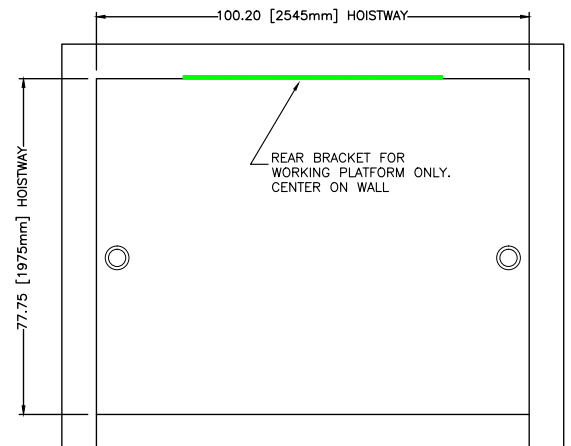
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PROJECT NUMBER	ON01P19061	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS REV:0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S2-P1/5

WELDED RAIL BRKTS





INSTALL 3 BRACKETS FOR TEMPORARY WORKING PLATFORM. BRACKETS TO BE 1.25" BELOW FLOOR \*1, 2 & 3 ON THE HOISTWAY REAR WALL AS SHOWN.

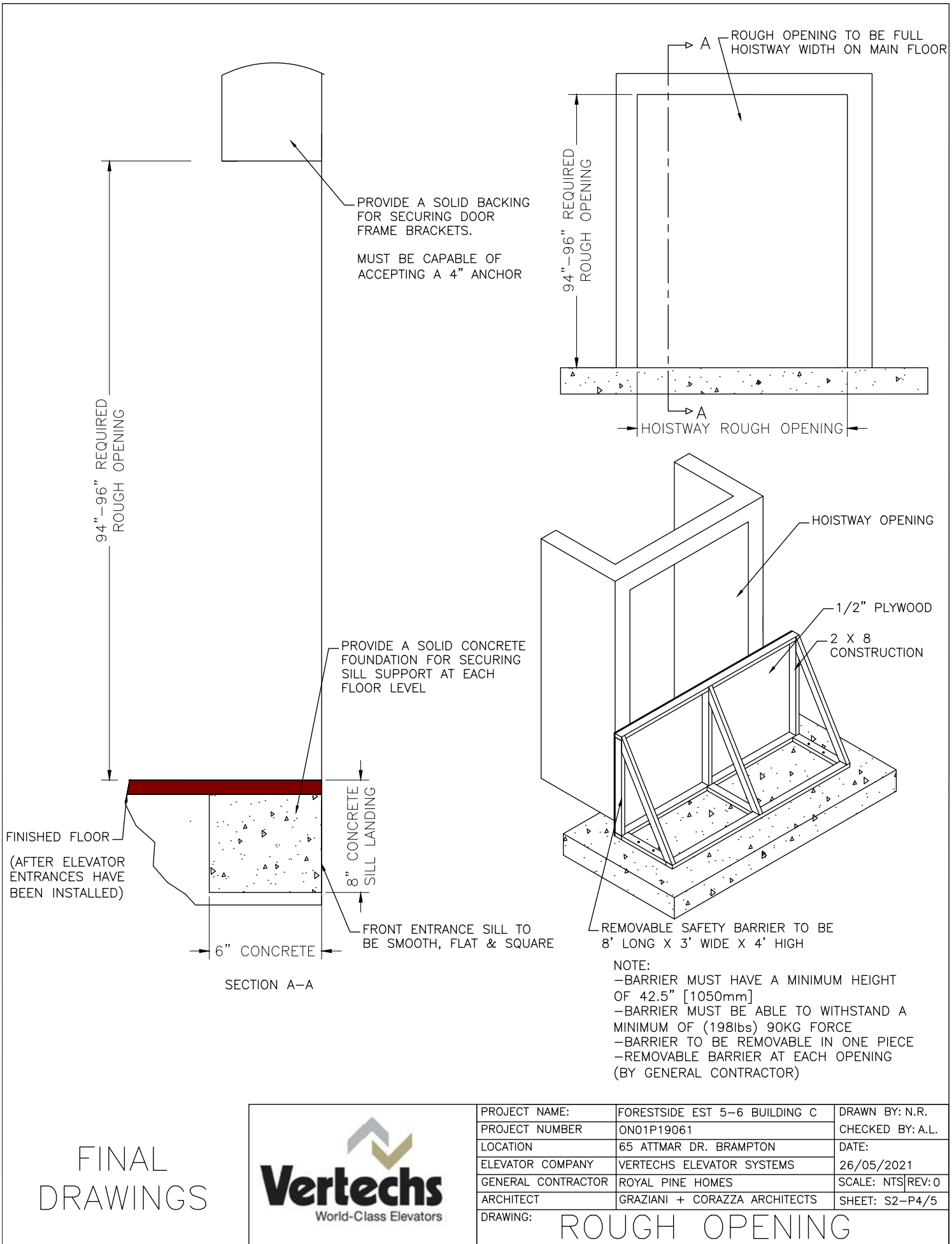


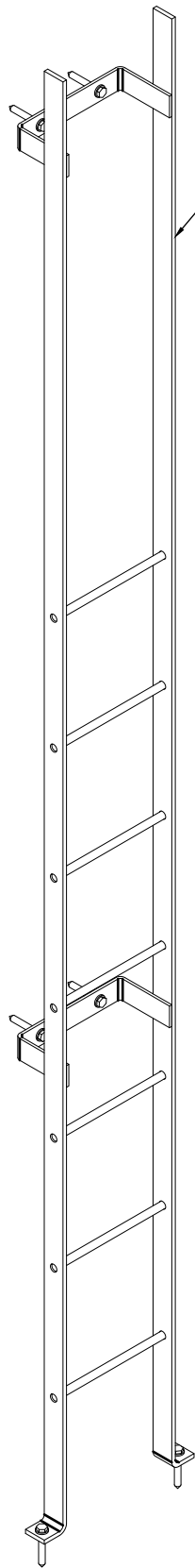
FINAL  
DRAWINGS



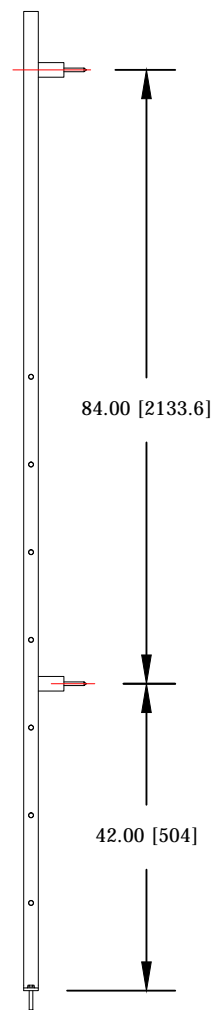
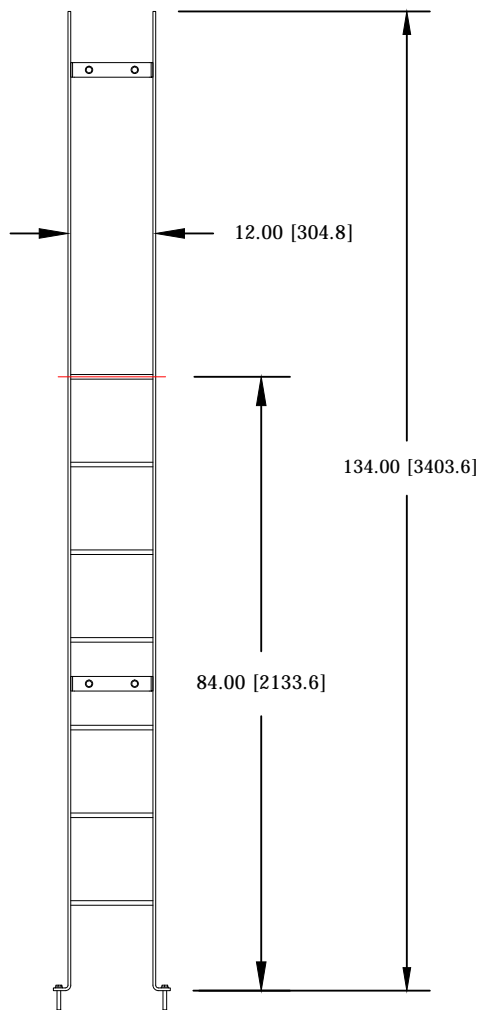
PROJECT NAME:	FORESTSIDE EST 5-6 BUILDING C	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19061	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S2-P3/5

DRAWING: TEMP WORK PLATFORM





LADDERS SUPPLIED  
BY VERTECHS



FINAL  
DRAWINGS



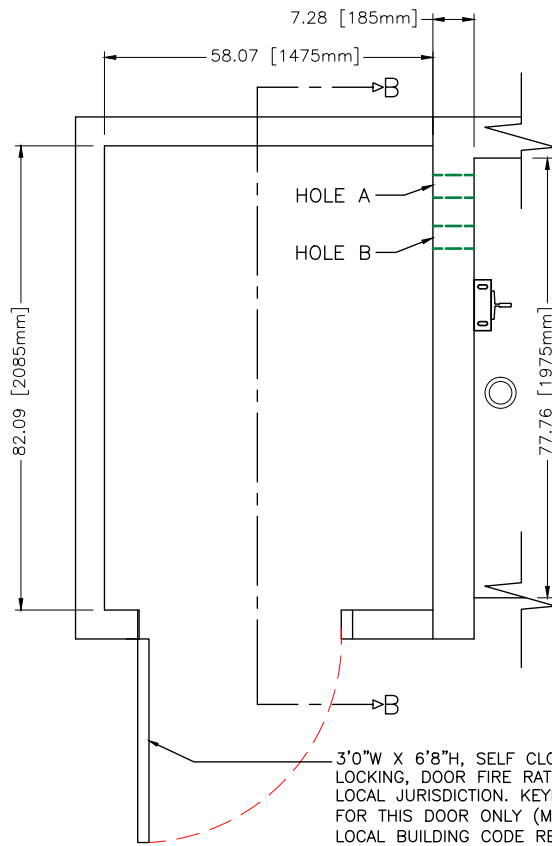
PROJECT NAME:	FORESTSIDE EST 5-6 BUILDING C	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19061	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S2-P5/5
DRAWING:	PIT LADDER	



SECTION 3  
MACHINE ROOM  
CONSTRUCTION DETAILS

PROJECT NAME | FORESTSIDE EST 5-6 BUILDING C  
PROJECT NUMBER | ON01P19061

FINAL DRAWINGS

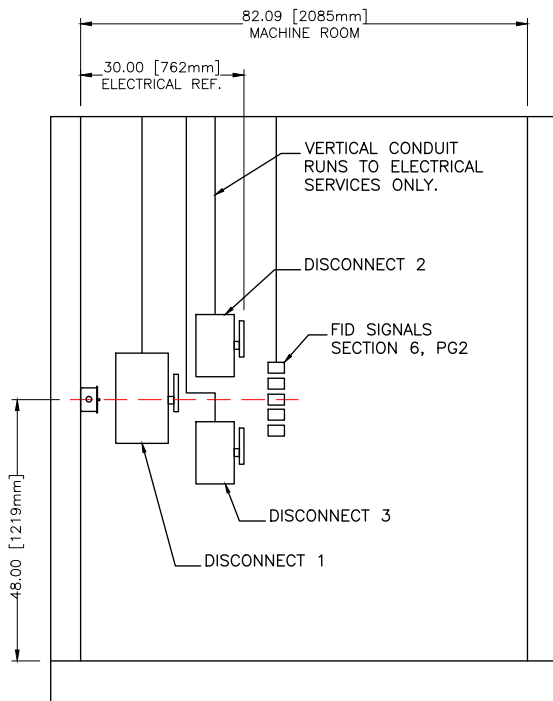
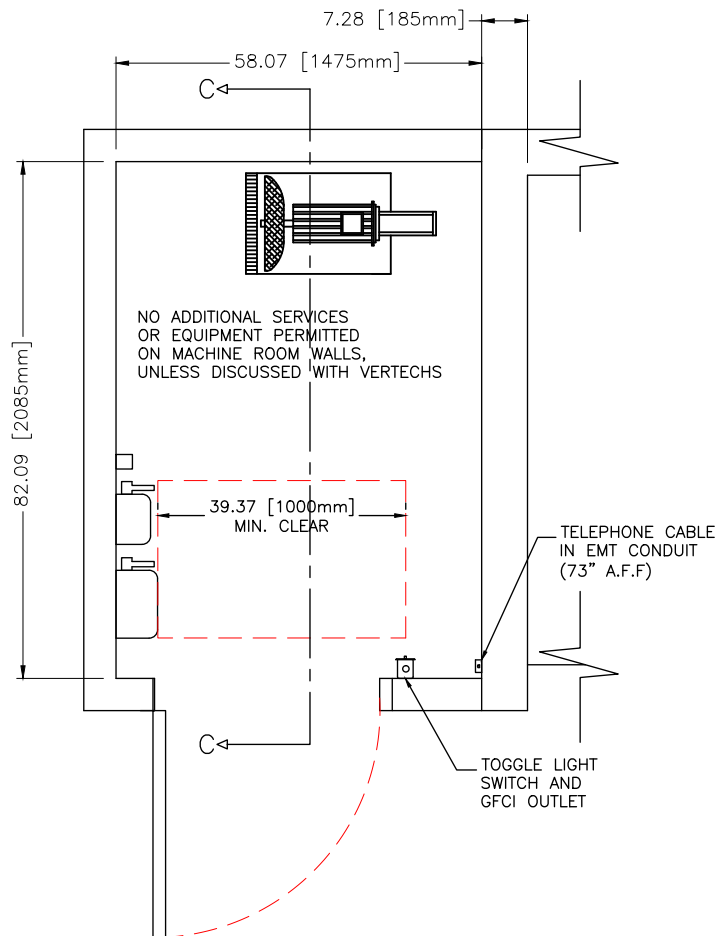


# MACHINE ROOM DETAILS

# SECTION 4 ELECTRICAL DETAILS

PROJECT NAME | FORESTSIDE EST 5-6 BUILDING C  
PROJECT NUMBER | ON01P19061

FINAL DRAWINGS



SECTION C-C

FINAL  
DRAWINGS



ELECTRICAL - MACHINE ROOM

## PROVISIONS BY OTHERS: MACHINE ROOM ELECTRICAL

ALL RULES FOLLOW ASME A17.1-2010/CSA B44-10 BASED ON THE LATEST REVISION

1. ELECTRICAL DISCONNECTS AS SPECIFIED SHALL BE LOCATED IN MACHINE ROOM AS SHOWN.
2. PERMANENT POWER MUST BE RUN TO DISCONNECTS PRIOR TO ELEVATOR INSTALLATION STARTING.
3. ELECTRICAL CONTRACTOR TO RUN FEEDER LINES IN CONDUIT FROM MAIN DISCONNECT TO ELEVATOR CONTROLLER.
4. DISCONNECTS MUST BE FITTED WITH FUSES AS SPECIFIED ON DRAWING PRIOR TO ELEVATOR INSTALLATION STARTING.
5. CLEARANCE ON FRONT OF DISCONNECTS MUST BE A MINIMUM OF 39" [1000mm] AS SHOWN ON ELEVATOR DRAWING.
6. DISCONNECTS MUST BE PROPERLY GROUNDED TO BUILDING GROUND.
7. FEED WIRE SIZE AND CONNECTIONS FROM DISCONNECTS TO ELEVATOR CONTROLLER SHALL BE AS SHOWN ON DRAWING.
8. MACHINE ROOM LIGHT SWITCH SHALL BE LOCATED AS SHOWN ON DRAWING. VERIFY SWING OF DOOR WITH GC PRIOR TO FITTING LIGHT SWITCH.
9. PERMANENTLY GUARDED LIGHTING SHALL BE PROVIDED IN MACHINE ROOM. LIGHTING MUST BE A MINIMUM OF 200lx (19FC) IN ANY AREA OF THE MACHINE ROOM.
10. MACHINE ROOM 110V AC GFCI SHALL BE LOCATED AS SHOWN ON DRAWING.
11. NO OTHER ELECTRICAL SERVICES OR DEVICES ARE PERMITTED IN THE ELEVATOR MACHINE ROOM.

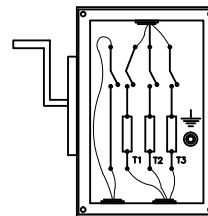
TELEPHONE

12. JACK MUST BE ACTIVE AND TAGGED WITH 24/7 EMERGENCY TELEPHONE THAT CAN BE PROGRAMMED INTO THE ELEVATOR EMERGENCY TELEPHONE. THIS MUST BE ARRANGED PRIOR TO ELEVATOR INSTALLATION STARTING.

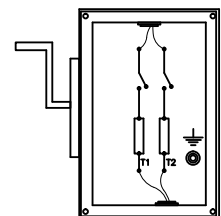
AIR  
CONDITIONING

13. AIR CONDITIONING DEVICES NOT TO BE PLACED IN MACHINE ROOM, UNLESS DISCUSSED WITH ELEVATOR CONTRACTOR.
14. MACHINE ROOM TEMPERATURE SHALL BE CONTROLLED BETWEEN 60°F (16°C) AND 90°F (32°C).
15. MACHINE ROOM SHALL BE ADEQUATELY VENTED AS REQUIRED BY CODE.

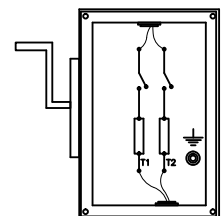
AUX POWER TO BE N/C  
WHEN POWER IS ON



MAIN DISCONNECT 1  
3 PHASE WITH AUX CONTACT  
600 VOLT (FUSED)  
FULL LOAD AMPS: 30.4  
SIZE DISCONNECT ACCORDINGLY



DISCONNECT 2 (CAB LIGHTS)  
120 VOLT, 15 AMP (FUSED)  
SINGLE PHASE



DISCONNECT 3 (OIL COOLER)  
220 VOLT, 20 AMP (FUSED)  
SINGLE PHASE

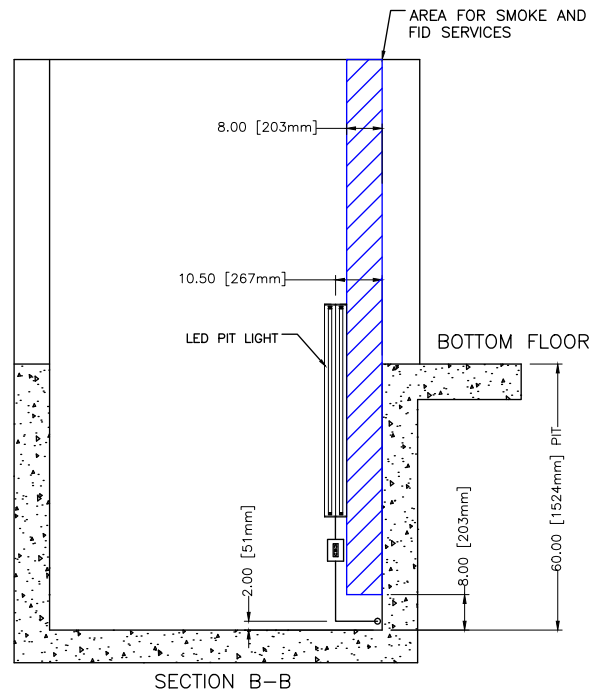
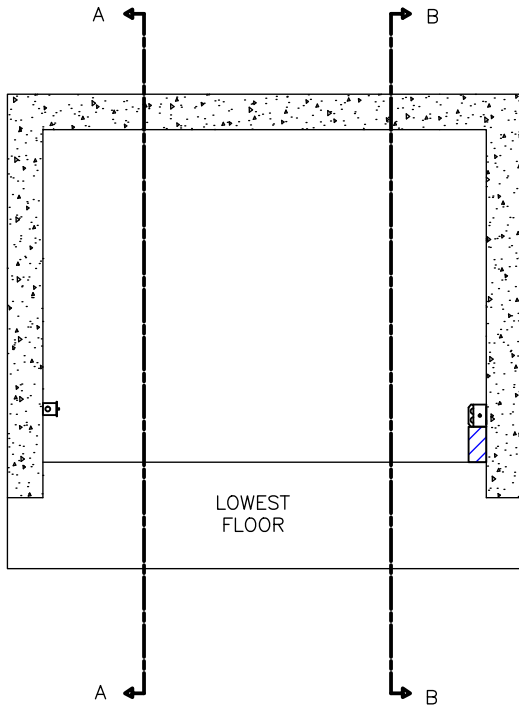
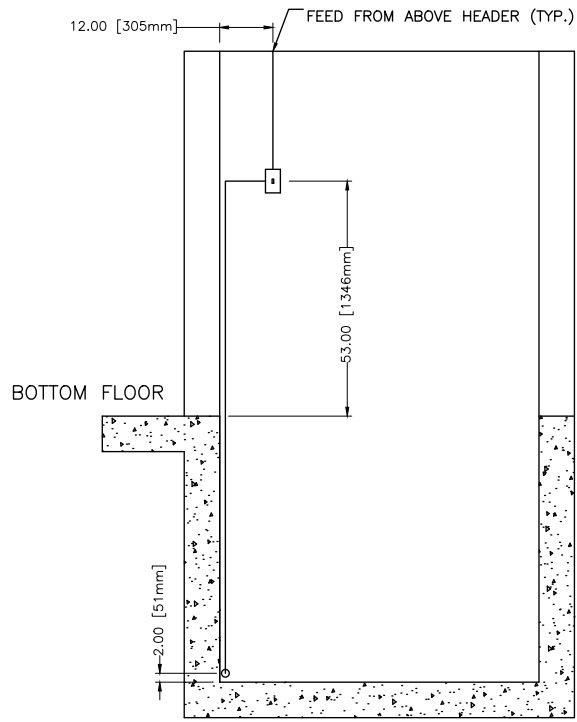
PROJECT NAME:	FORESTSIDE EST 5-6 BUILDING C	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19061	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS/REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S4-P1/2

DRAWING: MACHINE ROOM ELECTRICAL

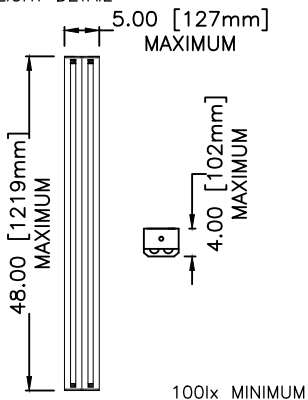
# PROVISIONS BY OTHERS:

ELECTRICAL  
PIT

13. PIT LIGHT SWITCH, GFCI RECEPTACLE AND GUARDED LIGHT SHALL BE LOCATED IN PIT AS SHOWN ON DRAWING.
14. CONDUIT RUN TO THESE DEVICES SHALL BE AS SHOWN ON DRAWINGS PROVIDED.
15. PERMANENTLY GUARDED LIGHTING IN PIT SHALL BE A MINIMUM OF 100lx (10FC) MEASURED IN ALL AREAS AT PIT FLOOR.
16. PIT ELECTRICAL MUST BE INSTALLED IN HOISTWAY PRIOR TO ELEVATOR INSTALLATION.



## LED LIGHT DETAIL



## NOTE\*:

ALL ELECTRICAL WIRING AND CONDUIT RUNS TO BE 'BURIED' INSIDE WALLS IF POSSIBLE, OTHERWISE, ENSURE ALL CONDUIT RUNS VERTICALLY DOWN INTO PIT. ANY HORIZONTAL RUNS TO BE KEPT 2" OFF PIT FLOOR.

# FINAL DRAWINGS



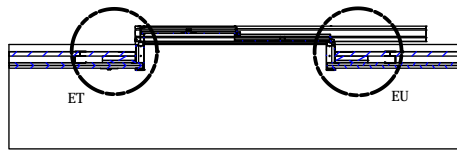
PROJECT NAME:	FORESTSIDE EST 5-6 BUILDING C	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19061	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S4-P2/2

DRAWING: HOISTWAY PIT ELECTRICAL

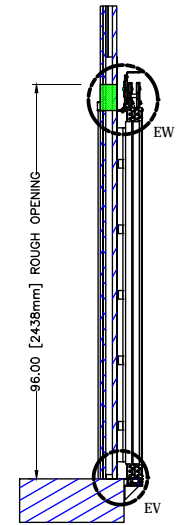
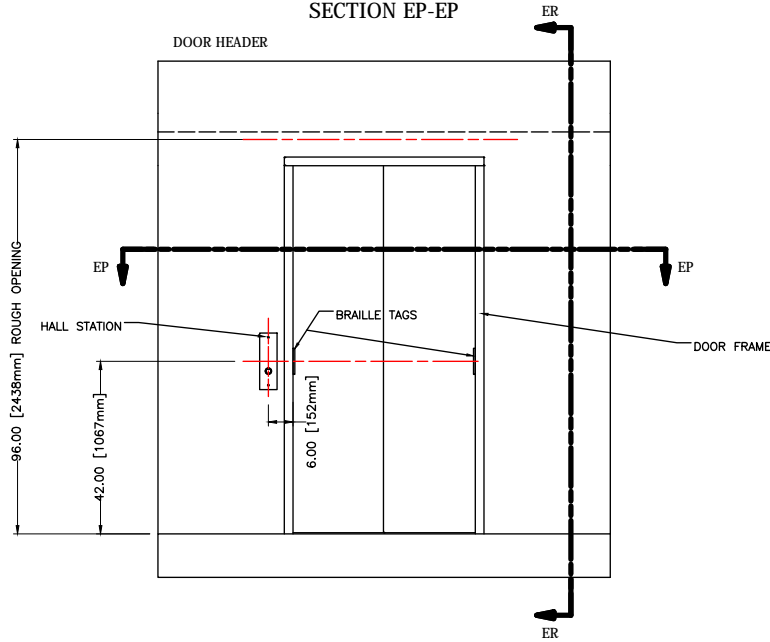
# SECTION 5 ENTRANCE DETAILS

PROJECT NAME | FORESTSIDE EST 5-6 BUILDING C  
PROJECT NUMBER | ON01P19061

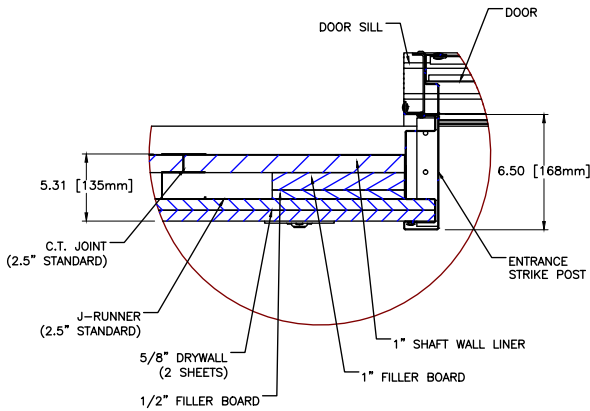
FINAL DRAWINGS



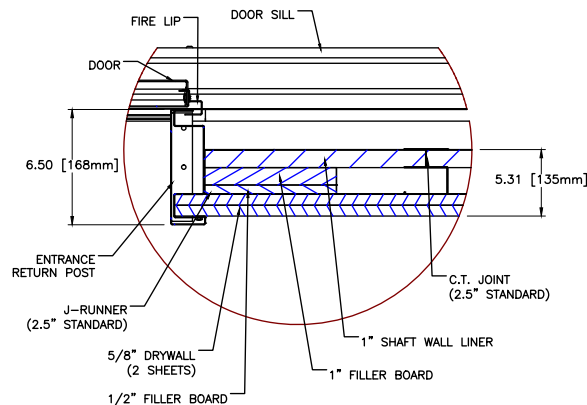
SECTION EP-EP



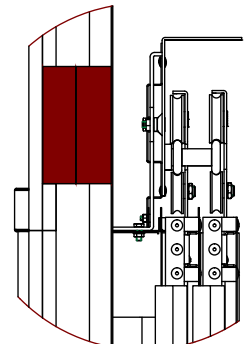
SECTION ER-ER



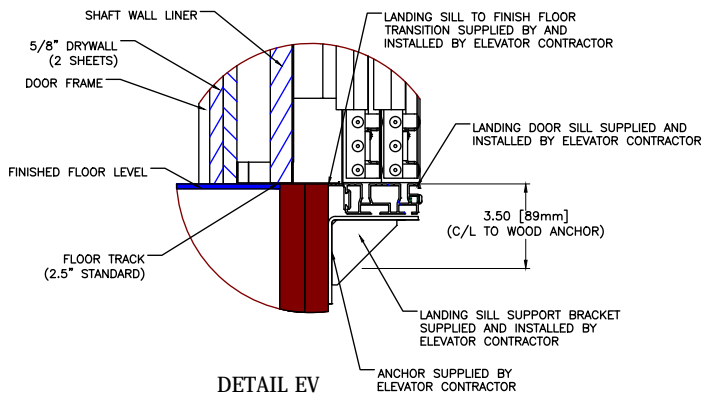
DETAIL ET



DETAIL EU



DETAIL EW



DETAIL EV

NOTE:

1. ENTRANCE WALLS NOT TO BE BUILT UNTIL ENTRANCE FRAMES ARE SET. PROVIDE GROUTING BETWEEN FINISHED FRAMES AND SILL, INCLUDING PATCHING, CAULKING, AND TOUCH UP WORK.
2. ENTRANCE FRAMES ARE NOT DESIGNED TO SUPPORT OVERHEAD WORK LOADS.
3. TAKE CAUTION TO NOT MOVE DOOR FRAME WHEN FINISHING ENTRANCE WALL.

FINAL  
DRAWINGS



PROJECT NAME:	FORESTSIDE EST 5-6 BUILDING C	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19061	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S5-P1/1

DRAWING:

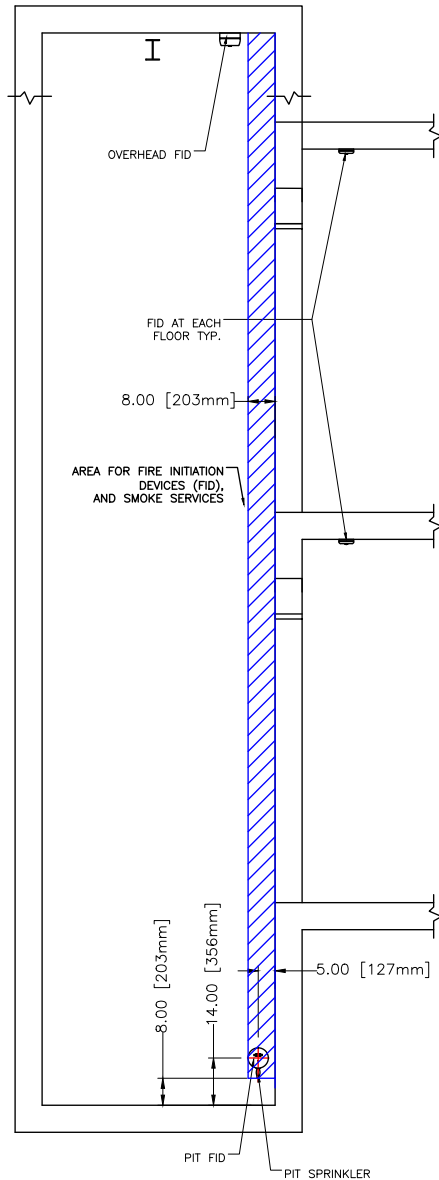
ENTRANCE DETAILS

# SECTION 6 FIRE SERVICE DETAILS

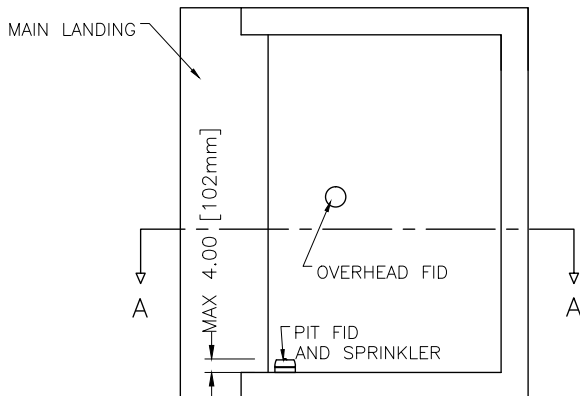
PROJECT NAME | FORESTSIDE EST 5-6 BUILDING C  
PROJECT NUMBER | ON01P19061

FINAL DRAWINGS





SECTION A-A



SPRINKLERS AND  
SMOKE DETECTORS

FIRE DETECTION AND SUPPRESSION

ALL RULES FOLLOW ASME A17.1-2010/CSA B44-10 BASED ON THE LATEST REVISION

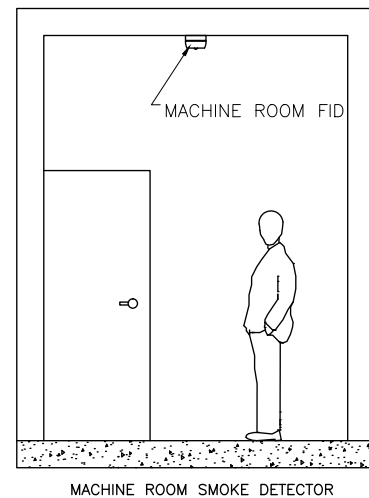
1. SPRINKLERS (IF REQUIRED), SMOKE DETECTORS, HEAT DETECTORS AND SUMP PUMP SHALL NOT BE LOCATED IN HOISTWAY OR MACHINE ROOM UNLESS DISCUSSED WITH ELEVATOR COMPANY.
2. SPRINKLERS SHALL CONFORM TO NFPA-13 AND NBCC IN ADDITION TO ASME17.1-2010/CSA B44-10 SECTION 2.8.3.3.
3. SMOKE AND HEAT DETECTORS (FIRE DETECTORS) SHALL CONFORM TO NFPA-72 AND NBCC IN ADDITION TO ASME 17.1-2010/CSA B44-10 SECTION 2.27.3.2.
4. ALL N/O DRY CONTACTS FROM ALL DETECTORS TO BE RAN TO MACHINE ROOM AND LABELED WITH LOCATION.
5. NO SPRINKLER HORIZONTAL PIPE RUNS IN THE HOISTWAY.
6. SPRINKLERS TO BE FLUSH MOUNTED IN THE HOISTWAY.

NOTE:

FID = FIRE INITIATION DEVICES

---  
RUN ALL FID CONDUCTORS TO MACHINE ROOM AND ADDRESS FID CONDUCTORS AS FOLLOWS:

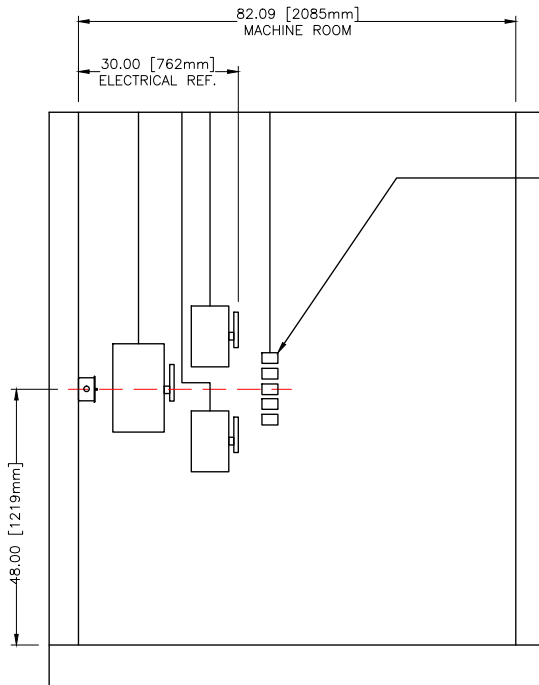
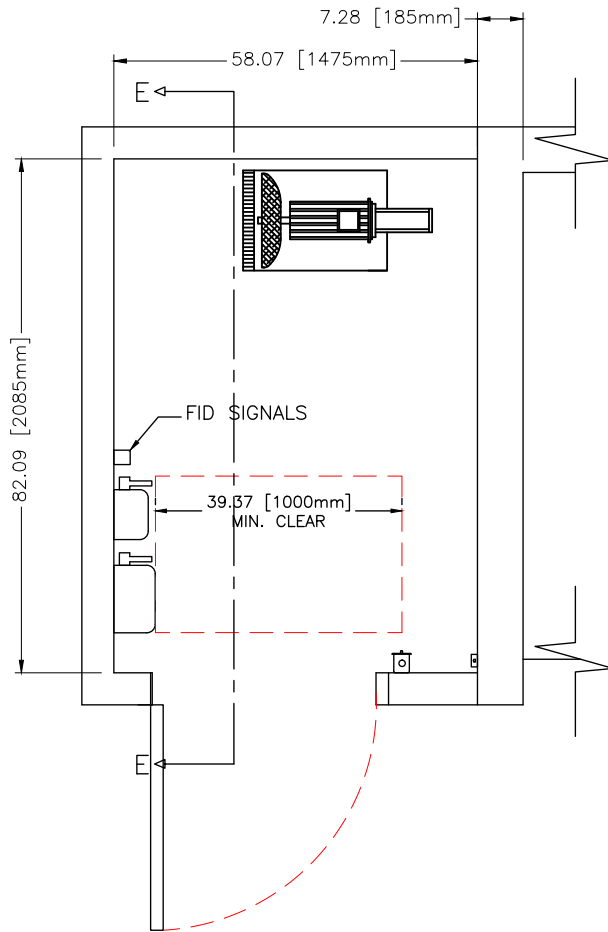
MR = MACHINE ROOM  
OH = OVERHEAD  
F1 = 1ST LANDING  
F2 = 2ND LANDING  
F3 = 3RD LANDING  
F4 = 4TH LANDING  
P = PIT



FINAL  
DRAWINGS



PROJECT NAME:	FORESTSIDE EST 5-6 BUILDING C	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19061	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S6-P1/2
DRAWING:	FIRE SERVICE	



SECTION E-E

SPRINKLERS

FIRE INITIATING DEVICES (FID)

SPRINKLERS AND FID

ALL RULES FOLLOW ASME A17.1-2010/CSA B44-10 BASED ON THE LATEST REVISION

IF SPRINKLERS ARE REQUIRED, PROCEED AS FOLLOWS:

1. SPRINKLERS TO BE INSTALLED AS PER NATIONAL AND LOCAL GOVERNING CODES.
2. IN ELEVATOR HOISTWAY (SHAFT) RUN ALL SERVICE LINES VERTICALLY IN AREA SHOWN ON DRAWING. NO HORIZONTAL RUNS.
3. TYPICALLY, TWO SPRINKLER HEADS TO BE PROVIDED IN ELEVATOR HOISTWAY (SHAFT): ONE IN THE PIT AND ONE AT THE TOP OF SHAFT CEILING.
4. SPRINKLER HEAD AND SERVICE LINE FITTINGS SHALL NOT BE INSTALLED OVER ANY EQUIPMENT IN MACHINE ROOM. SEE DRAWING SECTION 1, PG 4 FOR LOCATION OF EQUIPMENT IN MACHINE ROOM AND CONTACT ELEVATOR COMPANY IF FURTHER CLARIFICATION IS REQUIRED.

1. ALL FID TO BE INSTALLED AS PER NATIONAL AND LOCAL GOVERNING CODES.
2. IN ELEVATOR HOISTWAY (SHAFT), RUN ALL SERVICE LINES TO FID'S VERTICALLY AS SHOWN ON DRAWING. NO HORIZONTAL RUNS.
3. TYPICALLY, TWO FID'S TO BE INSTALLED IN ELEVATOR HOISTWAY (SHAFT): ONE IN THE PIT AND ONE AT THE TOP OF SHAFT CEILING. FIDS SHALL NOT PROTRUDE ANY MORE THEN 4" FROM WALL AS PER DRAWING.
4. ONE FID SHALL BE LOCATED IN CLOSE PROXIMITY TO EACH ELEVATOR LANDING ENTRANCE.
5. ONE FID SHALL BE INSTALLED IN MACHINE ROOM. SERVICE LINES TO THIS FID SHALL NOT BE RUN ON MACHINE ROOM WALL AS INDICATED ON DRAWING SECTION 4 PG 1 AND 2.
6. FIVE FIRE SERVICE ADDRESSABLE RELAYS TO BE LOCATED IN THE MACHINE ROOM AS SHOWN ON DRAWING.
7. FIRE 'PULL STATIONS' CANNOT ACTIVATE ELEVATOR FIRE SERVICE.
8. RUN NORMALLY OPEN (N/O) DRY CONTACT (CLOSED ON ALARM) SIGNAL WIRE FROM RELAYS TO ELEVATOR CONTROLLER AND LVEL AS FOLLOWS: MR = MACHINE ROOM, P = PIT, OH = OVERHEAD, M = MAIN FIRE EGRESS LANDING, AL = ALL OTHER LANDINGS.

NOTE:  
ALL EQUIPMENT TO BE INSTALLED  
USING DRAWINGS MARKED 'FINAL'. DO  
NOT USE 'DRAWINGS FOR REVIEW.'

FINAL  
DRAWINGS



PROJECT NAME:	FORESTSIDE EST 5-6 BUILDING C	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19061	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS/REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S6-P2/2
DRAWING:	FID SIGNALS/RELAYS	

# TABLE OF CONTENTS


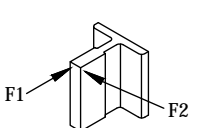
PROJECT NAME | FORESTSIDE EST. 7-8 BUILDING D  
PROJECT NUMBER | ON01P19062

SECTION #	DESCRIPTION	PAGES
1	ELEVATOR DETAILS	7
2	HOISTWAY DETAILS	4
3	MACHINE ROOM CONSTRUCTION DETAILS	1
4	ELECTRICAL DETAILS	2
5	ENTRANCE DETAILS	1
6	FIRE SERVICE DETAILS	2

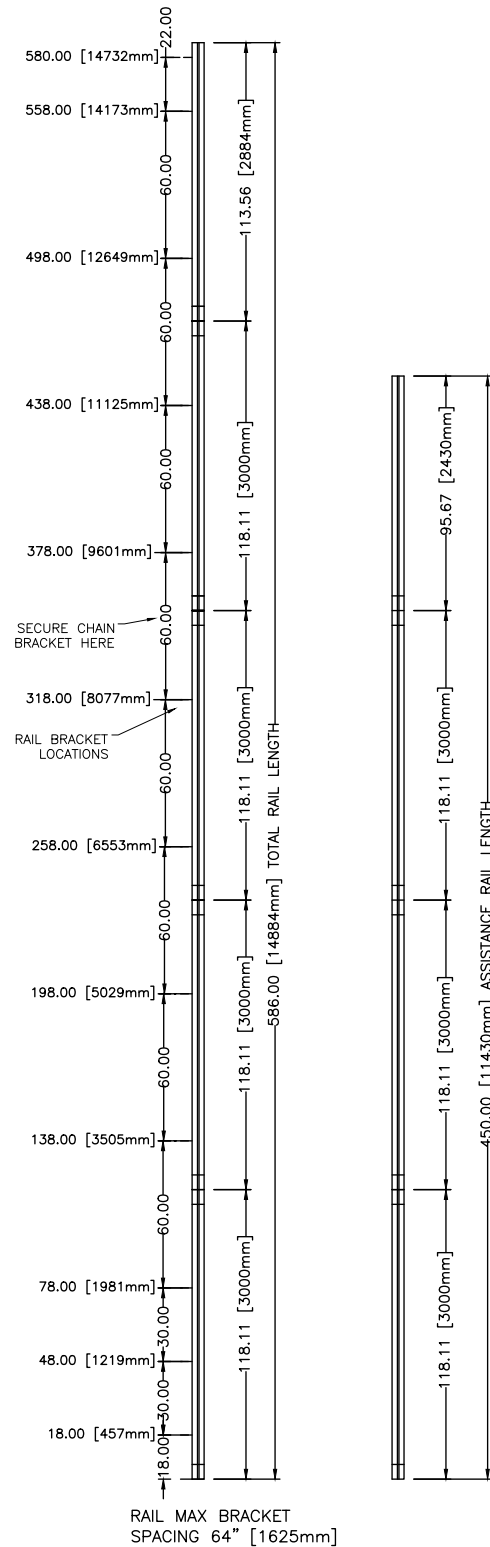
# SECTION 1 ELEVATOR DETAILS

PROJECT NAME | FORESTSIDE EST. 7-8 BUILDING D  
PROJECT NUMBER | ON01P19062

FINAL DRAWINGS

GENERAL	ELEVATOR #		1		GENERAL	CAB CONFIGURATION		FRONT		
	CLASSIFICATION		PASSENGER			CAB SIZE		81" W X 51-1/8" D X 90" H		
	CAPACITY lb [kg]		2500 [1134]			NUMBER OF FLOORS		4		
	UP SPEED FPM [m/s] [NOMINAL]		100 [0.50]			NUMBER OF OPENINGS		4 FRONT		
	DOWN SPEED FPM [m/s] [NOMINAL]		100 [0.50]			ENTRANCE CONSTRUCTION		X DRYWALL	- MASONRY	
MACHINE	OPERATION		SELECTIVE COLLECTIVE		CAB OPTIONS	BUFFER TYPE AND STROKE [mm]		4 SPRING 3.54" [90]		
	POWER SUPPLY		600V 3PH			SEISMIC REQUIREMENT		NO		
	FLOORS SERVED		4			RAIL BRACKET MOUNTING		- WOOD ANCHOR	- MASONRY ANCHOR	
	RAILS [lb/ft]		8			DOOR OPERATOR NUDGING		X YES	- NO	
	CONTROLLER		MICROPROCESSOR			CERTIFICATE FRAME		X YES	- NO	
	DRIVE		GMV TYPE 3			PIT SHUT OFF VALVE		- YES	X NO	
	CONTROL VALVE		GMV 3010S			COP FINISH		SECTION 1, PG 6		
	PUMP TYPE		3 SPINDLE SCREW			CAB LIGHT		SECTION 1, PG 5		
	FEED FLOW GPM [LPM]		67 [254]			CEILING PANELS		SECTION 1, PG 5		
	FULL LOAD STATIC PRESSURE PSI [BAR]		403 [27]			HANDRAIL (STAINLESS STEEL)		SECTION 1, PG 5		
ENTRANCE	FULL LOAD DYNAMIC PRESSURE PSI [BAR]		443 [31]		BOTTOM LANDING	WALL PANELS		LAMINATED - FORMICA		
	RELIEF PRESSURE PSI [BAR]		524 [36]			FINISH NO.		SECTION 1, PG 5		
	FEED LINE		2" [50.8] SCHED. 80 A53-B/A106-B			FINISH NAME		SECTION 1, PG 5		
	MOTOR SIZE HP [kW]		25HP [18.4kW] 60HZ			DOOR PANEL FINISH		BRUSHED STAINLESS STEEL		
	MACHINE HEAT OUTPUT BASED ON 55 STARTS / HR - BTU [watt]		13224 [3835]			FINISHED FLOOR		X CERAMIC	- OTHER	
	DOOR TYPE		2 SPEED			FIRE RATED SPEC		1 1/2 HR. UL		
	DOOR SIZE - W X H in [mm]		42" [1067] X 84" [2140]			ENTRANCE HAND		LH		
	DOOR INTERLOCK		CSA - 200342			ENTRANCE FINISH		- STAINLESS	X POWDER COAT BEIGE	
	FIRE RATING		UL 1 1/2 HR			HALL STATION TYPE		X BUTTON	- WITH KEYED ACCESS	
	MANUFACTURER		OLS			HALL STATION FINISH		SATIN STAINLESS STEEL		
CAB	DOOR SAFETY RETAINER		YES		INTERMEDIATE FLOOR 1	FIRE SERVICE		- YES	X NO	
	ENCLOSURE		STEEL WITH APPLIED PLASTIC LAMINATE PANELS			FLOOR MARKING		P1		
	DOOR OPERATION (CSA APPROVED)		2 SPEED OLS			ENTRANCE HAND		LH		
	INTERLOCK		CONTACT ONLY			ENTRANCE FINISH		- STAINLESS	X POWDER COAT BEIGE	
	DOOR OPERATOR		OLS - CSA			HALL STATION TYPE		X BUTTON	- WITH KEYED ACCESS	
CARFRAME & PLATFORM	DOOR RE-OPENING		FULL LENGTH LIGHT CURTAIN		INTERMEDIATE FLOOR 2	HALL STATION FINISH		SATIN STAINLESS STEEL		
	DOOR SILL		EXTRUDED ALUMINUM			FIRE SERVICE		X YES	- NO	
	JOISTS / STRINGERS		16GA FORMED STEEL			FLOOR MARKING		*1		
	CROSSHEAD		7GA 8 X 2 FORMED STEEL			ENTRANCE HAND		LH		
	STILE		7GA 7 X 2 1/2 FORMED STEEL			ENTRANCE FINISH		- STAINLESS	X POWDER COAT BEIGE	
ADDITIONAL WEIGHTS	PLANK		7GA 7 X 2 FORMED STEEL		TOP FLOOR	HALL STATION TYPE		X BUTTON	- WITH KEYED ACCESS	
	CAB WEIGHT 975 [442.3]		TOE GUARD 57 [25.9]			HALL STATION FINISH		SATIN STAINLESS STEEL		
	HANG ON PANELS 175 [79.5]		CAB DOOR PANELS 45 [20.4]			FIRE SERVICE		- YES	X NO	
	HAND RAILS 25 [11.4]		DOOR OPERATOR 86 [39.0]			FLOOR MARKING		2		
	FAN 7.4 [3.36]		DROP DOWN CEILING 30 [13.6]			ENTRANCE HAND		LH		
	TOC 5.5 [2.47]		CAR FRAME 617 [280.4]			ENTRANCE FINISH		- STAINLESS	X POWDER COAT BEIGE	
	COP 50 [22.7]		FINISHED FLOOR ALLOWANCE 200 [91.0]			HALL STATION TYPE		X BUTTON	- WITH KEYED ACCESS	
TOTAL 2415 [1098.0]				HALL STATION FINISH		SATIN STAINLESS STEEL				
RUPTURE VALVE	MODEL		TYPE		WORKING RANGE		HOISTWAY ACCESS		X YES	- NO
	X 80366020		VC 3006 / B 1 1/2" NPT		20 - 350 L/MIN - 1 1/2" NPT		FLOOR MARKING		3	
HYDRAULIC JACK (2 JACK SYSTEM)	- 80366015		VC 3006 / B 1 1/2" NPT		173 - 525 L/MIN - 1 1/2" NPT		FIRE SERVICE ALTERNATE FLOOR		P1	
	JACK TYPE: 60-3Y		DIMENSION mm [in]		WEIGHT lbs [kg]		MACHINE ROOM LOCATION		SEE SECTION 1, PAGE 4 OF 7	
	PLUNGER 1		O.D.		60.5 [2.4]		CONTROLLER LOCATION		SEE SECTION 1, PAGE 4 OF 7	
			WALL THICKNESS		4.3 [0.2]		DRIVE LOCATION		SEE SECTION 1, PAGE 4 OF 7	
			LENGTH		3739.0 [147.2]		EMERGENCY POWER		- YES	X NO
	PLUNGER 2		O.D.		75.5 [3.0]		HEAT EXCHANGER		X YES	- NO
			WALL THICKNESS		4.3 [0.2]		APPROVED BY:			
			LENGTH		3669.0 [144.4]		NAME:			
	PLUNGER 3		O.D.		90.5 [3.6]		DATE:			
			WALL THICKNESS		4.3 [0.2]		SIGNATURE			
			LENGTH		3669.0 [144.4]		FINAL DRAWINGS			
	CYLINDER		O.D.		106.0 [4.2]		PROJECT NAME:		FORESTSIDE EST. 7-8 BUILDING D	
			WALL THICKNESS		4.5 [0.2]		PROJECT NUMBER		ON01P19062	
			LENGTH		3579.0 [140.9]		LOCATION		65 ATTMAR DR. BRAMPTON	
			HEAD THICKNESS		32.0 [1.25]		ELEVATOR COMPANY		VERTECHS ELEVATOR SYSTEMS	
TOTAL WEIGHT PER JACK				397.8 [180.4]		GENERAL CONTRACTOR		ROYAL PINE HOMES		
REACTION FORCES			FORCE ITEM		REACTION lb [kN]		ARCHITECT		GRAZIANI + CORAZZA ARCHITECTS	
			PIT (R)		16100 [71.62]		DRAWING:		TECHNICAL DATA	
			BUFFER (RB)		19457 [86.55]		PROJECT NAME:		FORESTSIDE EST. 7-8 BUILDING D	
			F1		375 [1.67]		PROJECT NUMBER		ON01P19062	
			F2		180 [0.80]		LOCATION		65 ATTMAR DR. BRAMPTON	
			SEISMIC CONDITION=0.26		REACTION FORCES ARE DOUBLED FOR IMPACT (PIT)		ELEVATOR COMPANY		VERTECHS ELEVATOR SYSTEMS	

SECTION 1 NOT TO BE USED FOR CONSTRUCTION



FLOORS	DISTANCE (INCH)
P1 TO *1	165.35
*1 TO 2	116.14
2 TO 3	116.14

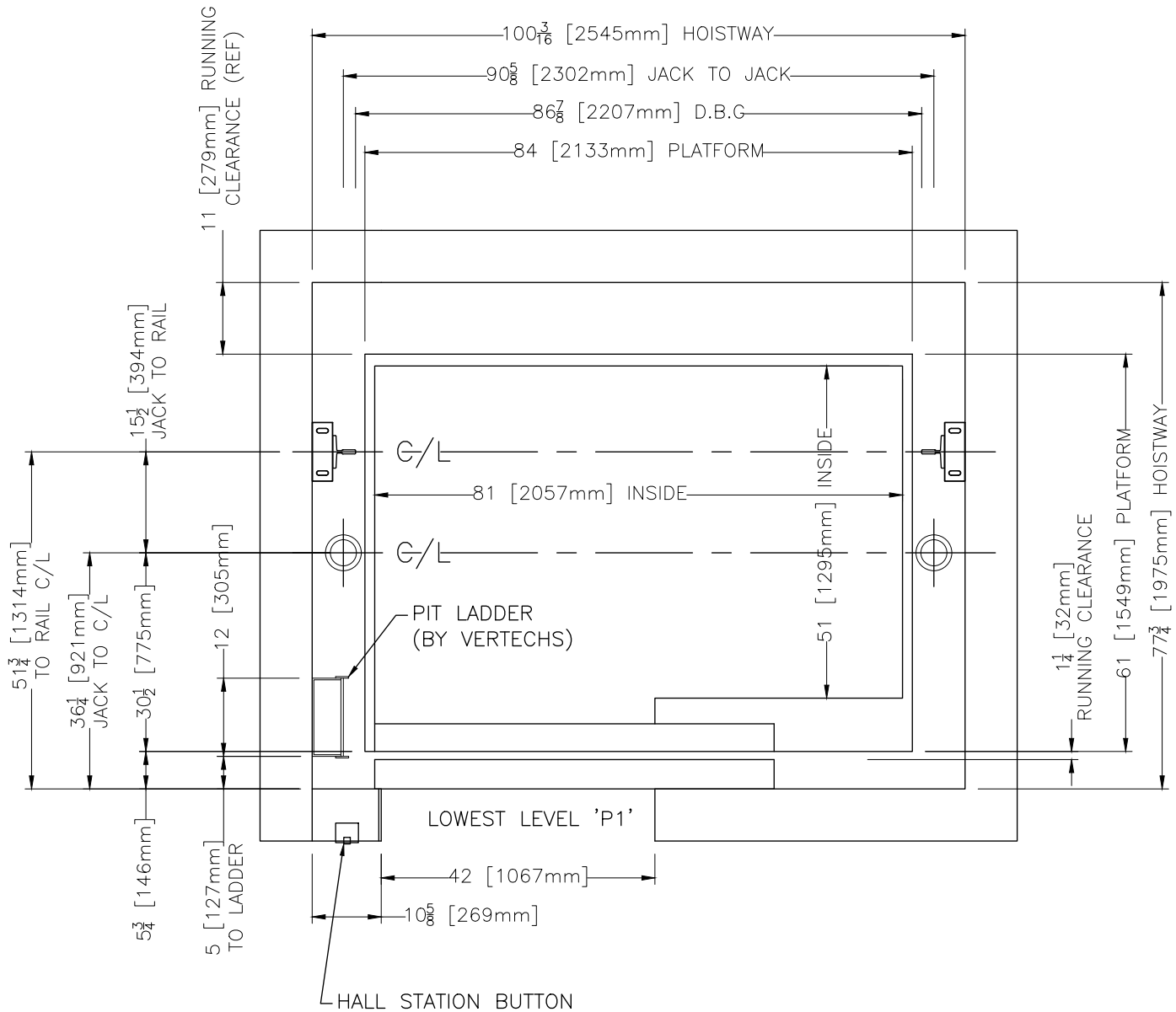


ELEVATION VIEW

HEADER AND SILLS TO BE INSTALLED AS PER ASME A17.1-2010/CSA B44-10, SECTION 2.11.11.8 HOISTWAY DOOR AND SAFETY RETAINERS. THE TOP AND BOTTOM OF HORIZONTALLY SLIDING DOORS SHALL BE PROVIDED WITH A MEANS OF RETAINING THE CLOSED DOOR PANEL IN POSITION IF THE PRIMARY GUIDING MEANS FAIL, AND PREVENTING DISPLACEMENT OF THE DOOR PANEL TOP AND BOTTOM BY MORE THAN 20mm (0.8 in.). WHEN THE DOOR PANEL IS SUBJECTED TO A FORCE OF 5000N (1,125 lbf) IN THE DIRECTION OF THE HOISTWAY APPLIED AT RIGHT ANGLES TO THE PANEL OVER AN AREA OF 300mm X 300mm (12 in. X 12 in.) AT THE APPROXIMATE CENTER OF THE PANEL. THE RETAINING MEANS SHALL ALSO WITHSTAND, WITHOUT DETACHMENT OR PERMANENT DEFORMATION, A FORCE OF 1000N (225 lbf) APPLIED UPWARD AT ANY POINT ALONG THE WIDTH OF THE DOOR PANEL AND, WHILE THIS FORCE IS MAINTAINED, AND ADDITIONAL FORCE OF 1100N (250 lbf) APPLIED AT RIGHT ANGLES TO THE DOOR AT THE CENTER OF THE PANEL. THIS FORCE SHALL BE DISTRIBUTED OVER AN AREA OF 300mm X 300mm (12 in. X 12 in.)

ASME A17.1-2010/CSA B44-10 SECTION 2.14.1.6.2 CAR ENCLOSURE TOPS. TWO UNOBSTRUCTED HORIZONTAL AREAS, EACH ONE NOT LESS THAN 350mm (14in.) BY 350mm (14in.), SHALL BE PROVIDED ON THE CAR TOP ENCLOSURE TOP. THE TWO UNOBSTRUCTED AREAS SHALL BE NO CLOSER TO ONE ANOTHER THAN 600mm (24in.), CENTERLINE TO CENTERLINE, APART. THE AREAS SHALL BE WITHIN THE PROJECTION OF THE ENCLOSURE TOP EXCLUSIVE OF THE AREA OUTSIDE OF A STANDARD RAILING (2.10.2), WHERE PROVIDED. THE TWO AREA MUST BE MINIMUM 890mm (35in.) BY 890mm (35in.)

FASCIA AS PER ASME A17.1-2010/CSA B44-10, SECTION 2.15.1.5.1



SECTION 1 NOT TO BE USED FOR CONSTRUCTION

FINAL  
DRAWINGS



PROJECT NAME:	FORESTSIDE EST. 7-8 BUILDING D	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19062	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S1-P3/8

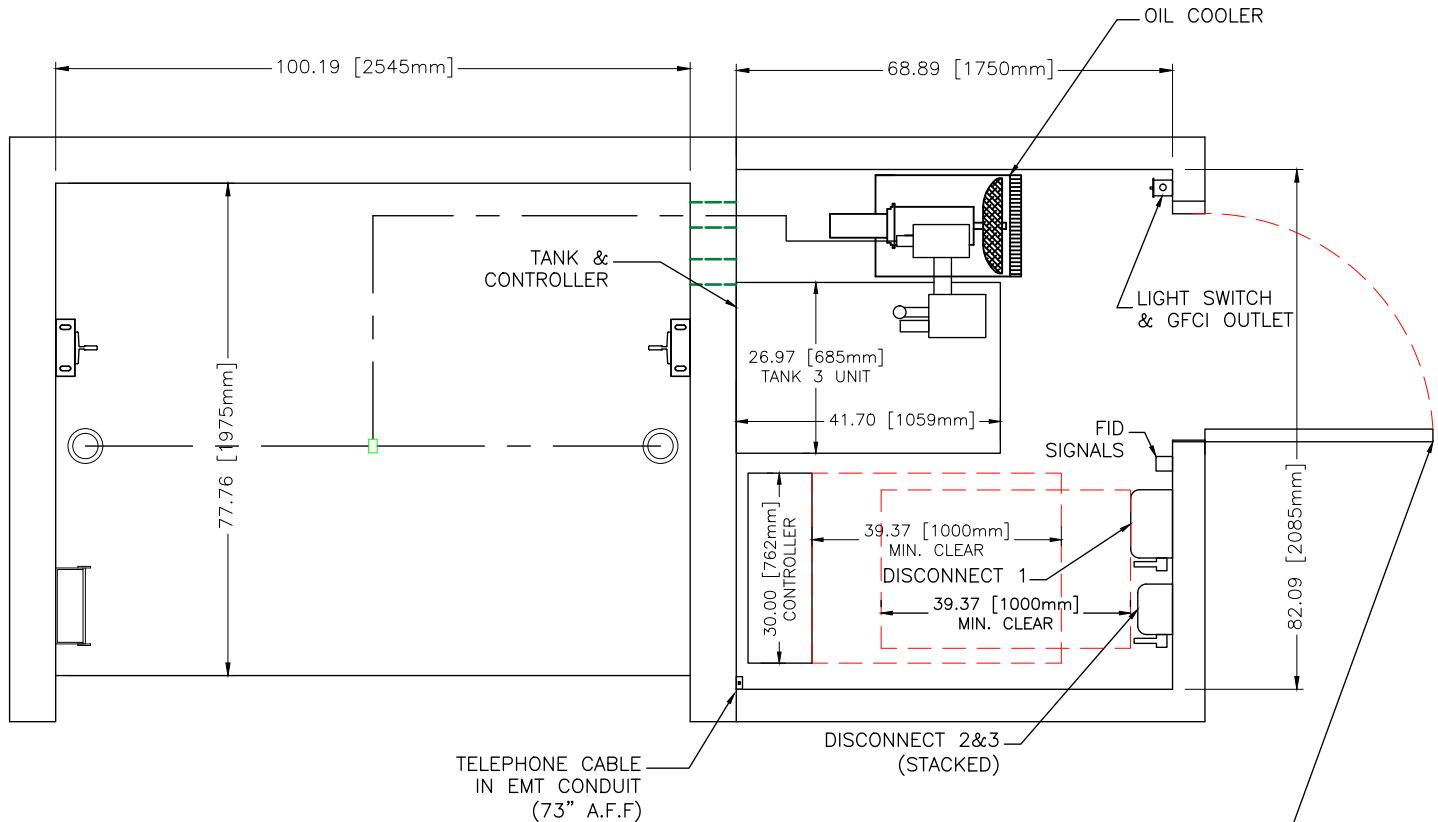
DRAWING: HOISTWAY PLAN VIEW

SECTION 1 NOT TO BE USED FOR CONSTRUCTION

MACHINE ROOM LOCATION

ADJACENT

FLOOR P1



3'0"W X 6'8"H MINIMUM, SELF CLOSING,  
SELF LOCKING, FIRE RATED AS PER LOCAL  
JURISDICTION, KEYED FOR THIS DOOR ONLY  
(MUST MEET LOCAL BUILDING CODE REQUIREMENTS)  
PLEASE INDICATE IF PROPOSED DOOR SWING IS ACCEPTABLE.

NOTE:

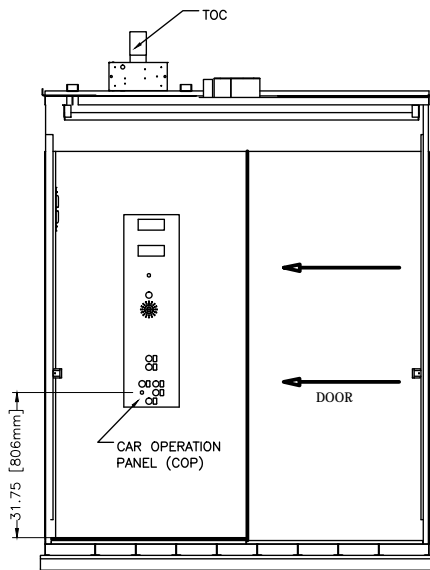
—COMPONENT LOCATIONS IN MACHINE  
ROOM MAY VARY FROM POSITIONS SHOWN  
PENDING ACTUAL SITE CONDITIONS  
—SWING OF MACHINE ROOM DOOR SHALL  
NOT INTERFERE WITH REQUIRED  
ELECTRICAL CLEARANCES

FINAL  
DRAWINGS

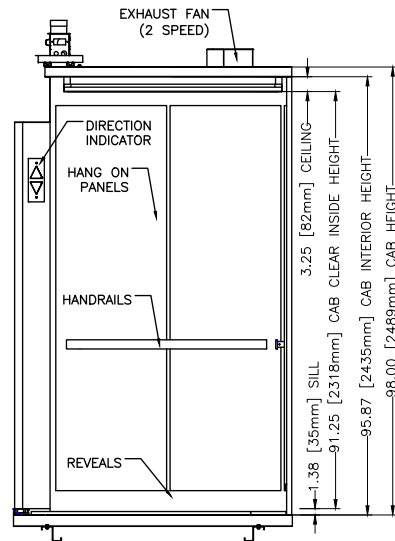


PROJECT NAME:	FORESTSIDE EST. 7-8 BUILDING D	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19062	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S1-P4/8
DRAWING:	MACHINE ROOM	

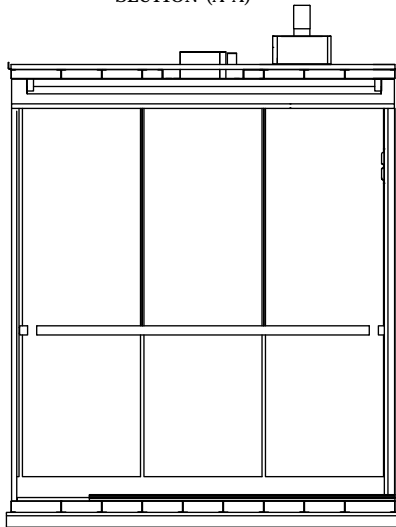




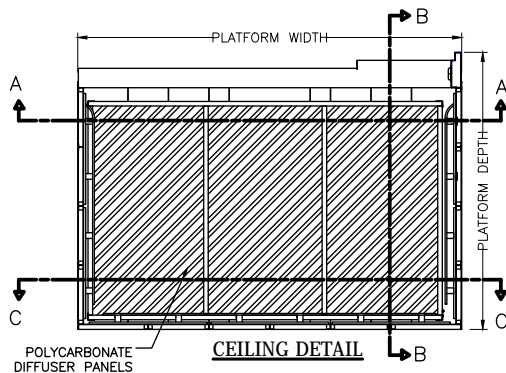
**VIEW FROM INSIDE CAB  
DOOR, FRONT RETURN AND C.O.P  
SECTION (A-A)**



**VIEW FROM INSIDE CAB  
"SIDE WALL"  
SECTION (B-B)**



**VIEW FROM INSIDE CAB BACK WALL (SECTION C-C)**



GENERAL	PLATFORM SIZE	84" [2134] WIDE X 61" [1549] DEEP	
	ENTRANCE	42" [1067] WIDE X 84" [2134] HIGH	
	INSIDE CAB SIZE	81" [2057] WIDE X 51" [1295] DEEP	
	EMERGENCY LIGHT	IN CAR OPERATING PANEL	
	PAD HOOKS	X YES	- NO
	PROTECTION PADS	X YES	- NO
	EXHAUST FAN	2 SPEED	
	CAB LIGHT	LED LIGHTING	
	CEILING PANELS	X POLYCARBONATE	- 6 SS PANELS
	HANDRAIL TYPE	X FLAT	- ROUND
FINISHES	HANDRAIL FINISH	SATIN STAINLESS STEEL	
	CAB SILL	EXTRUDED ALUMINUM	
	CERTIFICATE FRAME	SATIN STAINLESS STEEL	
	CAB ENTRANCE	SATIN STAINLESS STEEL	
	CEILING FRAME	X BLACK POWDER COAT	- SATIN STAINLESS STEEL
	CAB REVEALS	X BLACK POWDER COAT	- SATIN STAINLESS STEEL

FINAL  
DRAWINGS



PROJECT NAME:	FORESTSIDE EST. 7-8 BUILDING D	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19062	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS/REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S1-P5/8
DRAWING:	CAB DETAILS	

SECTION 1 NOT TO BE USED FOR CONSTRUCTION



**Thermo Walnut  
(6402)**



**Natural Teak  
(8849)**



**Pecan Woodline  
(5883)**



**Natural Birch  
(7481)**



**Cherry Heartwood  
(9240)**



**Wild Cherry  
(5904)**



**Natural Ash  
(8843)**



**Natural Cane  
(6930)**



**Blackened Legno  
(8848)**



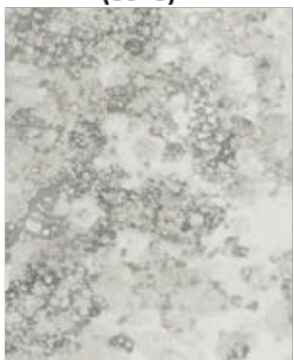
**Storm Teakwood  
(8908)**



**Fox Teakwood  
(8907)**



**Mouse  
(928)**



**Bubble Art  
(8958)**



**Portico Marble  
(7735)**



**Sarum Twill  
(8827)**



**Neutral Twill  
(8826)**

Please do not return marked up drawings to Vertechs unless the Plastic Laminate number and name is identified together with the completed Supplementary Owners Report (SOR). Standard laminate finishes shown above, additional finishes are available at an increased cost.

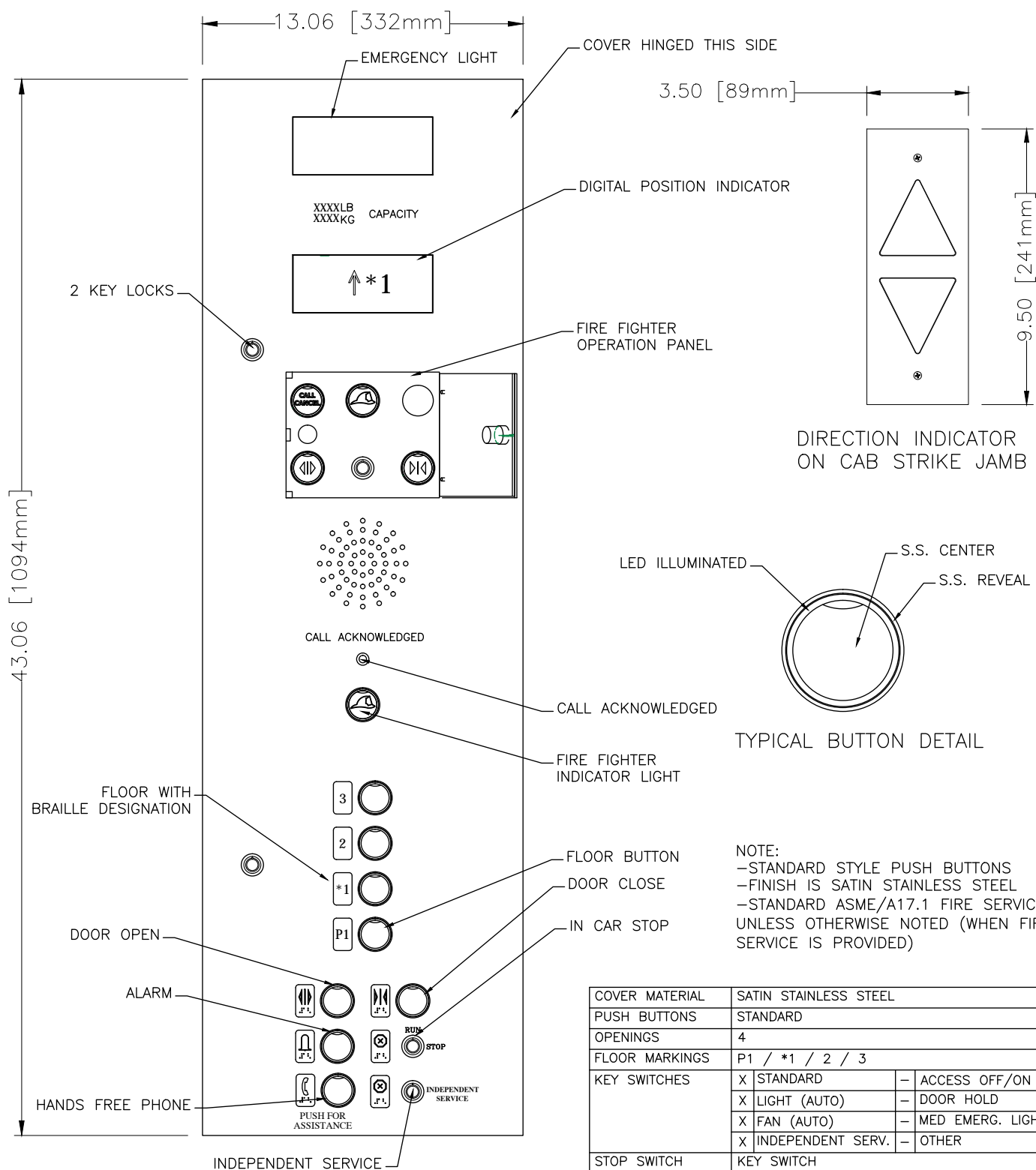
FORMICA LAMINATE FINISH #	8907-58
FORMICA LAMINATE NAME	FOX TEAKWOOD

## FINAL DRAWINGS

PROJECT NAME:	FORESTSIDE EST. 7-8 BUILDING D	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19062	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	REV: 0
DRAWING:	SHEET: S1-P6/8	

LAMINATE FINISH

SECTION 1 NOT TO BE USED FOR CONSTRUCTION



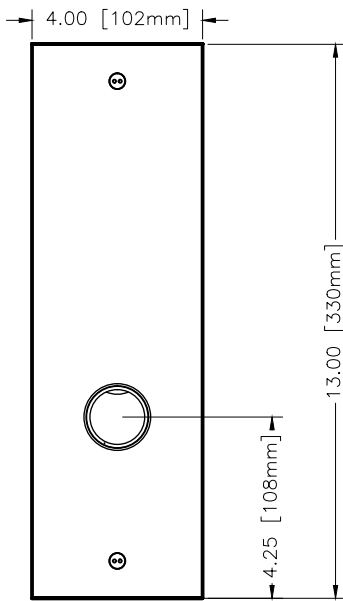
SECTION 1 NOT TO BE USED FOR CONSTRUCTION

COVER MATERIAL	SATIN STAINLESS STEEL		
PUSH BUTTONS	STANDARD		
OPENINGS	4		
FLOOR MARKINGS	P1 / *1 / 2 / 3		
KEY SWITCHES	X	STANDARD	- ACCESS OFF/ON
	X	LIGHT (AUTO)	- DOOR HOLD
	X	FAN (AUTO)	- MED EMERG. LIGHT
	X	INDEPENDENT SERV.	- OTHER
STOP SWITCH	KEY SWITCH		
FIRE SERVICE	X	YES	- NO
TELEPHONE	INSIDE COMPARTMENT, CALL WITH PUSHBUTTON		
ENGRAVING	2500lb / 1136kg		
NUDGING BUZZED	X	YES	- NO

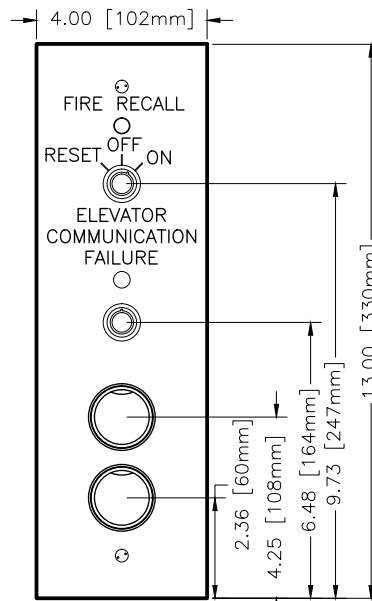
FINAL  
DRAWINGS



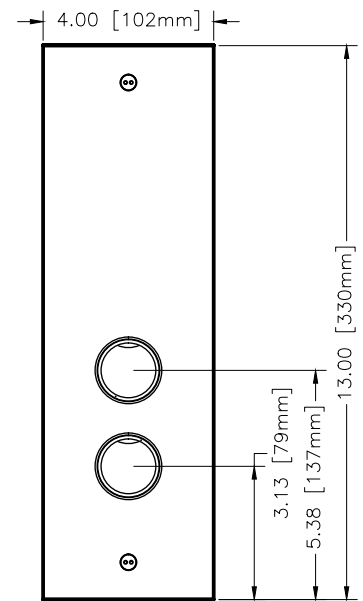
PROJECT NAME:	FORETSIDE EST. 7-8 BUILDING D	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19062	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS/REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S1-P7/8
DRAWING:	CAR OPERATING PANEL	



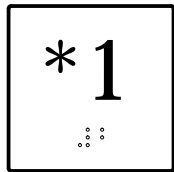
FLOOR — P1



FLOOR — \*1

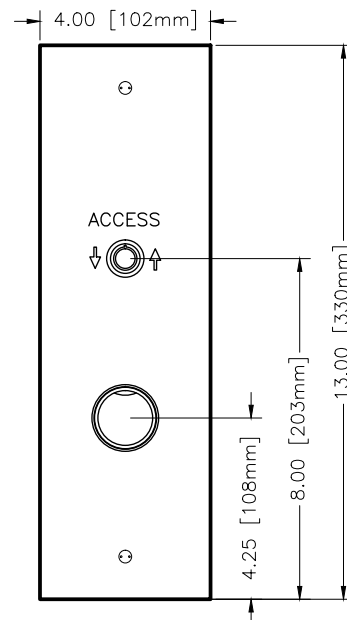


FLOOR — 2



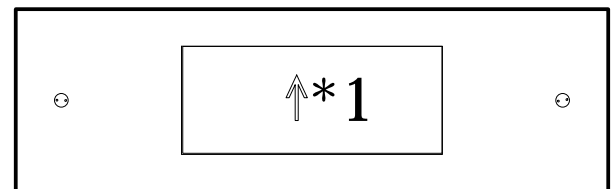
BRaille / FLOOR JAMB PLATE  
(NOTE: AS PER FLOOR DESIGNATION)

ALL FLOORS



FLOOR — 3

MAIN FLOOR (\*1) ONLY



HALL P.I. / D.I.  
(F)

NOTE:  
—STANDARD STYLE PUSH BUTTONS  
—FINISH IS SATIN STAINLESS STEEL  
—STANDARD ASME/A17.1 FIRE SERVICE  
UNLESS OTHERWISE NOTED (WHEN FIRE  
SERVICE IS PROVIDED)  
—STANDARD 13" X 4" HALL STATION  
COVERS REQUIRE 12.125" HIGH X  
3.125" WIDE X 3" DEEP CUT-OUT

SECTION 1 NOT TO BE USED FOR CONSTRUCTION

FINAL  
DRAWINGS



PROJECT NAME:	FORESTSIDE EST. 7-8 BUILDING D	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19062	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S1-P8/8

DRAWING:

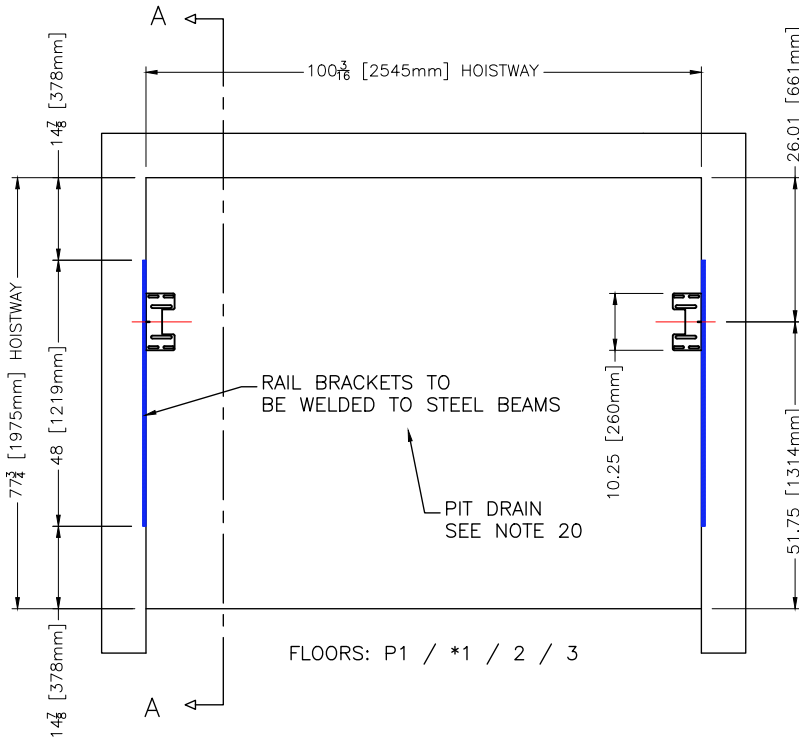
HALL FIXTURES

# SECTION 2 HOISTWAY DETAILS

PROJECT NAME | FORESTSIDE EST. 7-8 BUILDING D  
PROJECT NUMBER | ON01P19062

FINAL DRAWINGS

SECTION VIEW A-A  
SHOWN ON SECTION 2, PG 2 & 3



HOISTWAY

HOISTWAY PIT

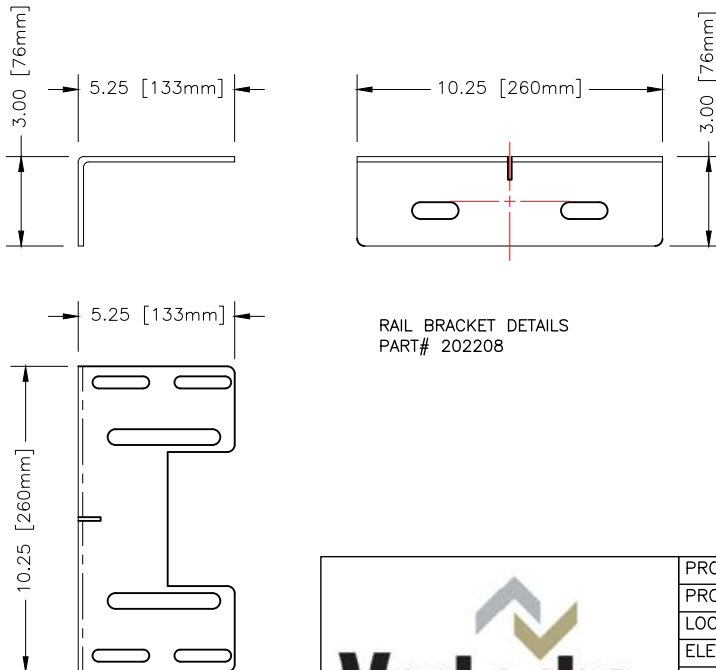
PROVISIONS BY OTHERS: HOISTWAY AND PIT

ALL RULES FOLLOW ASME A17.1-2010/CSA B44-10 BASED ON THE LATEST REVISION

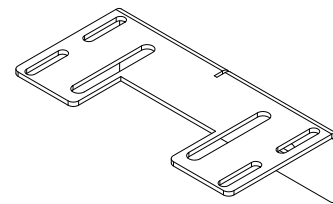
1. SHALL HAVE A MINIMUM FIRE RATING AS PER AHJ
2. SHALL BE VENTED AS REQUIRED BY LOCAL GOVERNING AUTHORITIES
3. HOISTWAY SHALL BE SIZED AS PER DRAWING +1/2" - 0"
4. WALL INSERTS PROVIDED BY ELEVATOR CONTRACTOR SHALL BE CAST INTO WALL AS SHOWN. VERTICAL SPACING AS SEEN ON DRAWING SECTION-2 PG2/3.
5. SHALL BE PLUMB WITHIN 1/2" OVER ENTIRE HOISTWAY AND STILL MAINTAIN SIZE
6. SHALL BE SQUARE WITHIN 1/4" IN ANY DIRECTION OVER ENTIRE DIMENSION AND STILL MAINTAIN SIZE.
7. SHALL HAVE NO LEDGES OR PROTRUSIONS, MUST BE FLUSH AND TRUE.
8. MASON TO REMOVE PLASTIC COVERS ON RAIL BRACKET INSERTS AND CLEAN.
9. OVERHEAD (FINISHED TOP FLOOR TO UNDERSIDE OF CEILING OR HOISTWAY BEAM) MUST BE AS SHOWN ON DRAWING. G.C. SHALL REMOVE HOISTING BEAM IF OVERHEAD CLEARANCES ARE NOT AS SHOWN ON DRAWING.
10. EACH LANDING SILL MUST BE SOLID TO SUPPORT THE ANCHORING OF THE DOOR SILL AS SHOWN ON DRAWING. (SECTION-2 PG2/4)
11. EACH LANDING LINTEL MUST BE LOCATED AS SHOWN AND MUST BE SOLID TO SUPPORT THE ANCHORING OF THE DOOR MECHANISM AS SHOWN ON DRAWING.
12. TWO KNOCK-OUTS FITTED WITH 4" PVC SHALL BE PROVIDED IN HOISTWAY WALL TO MACHINE ROOM FOR FLUID LINES AND ELECTRICAL LINES. SEE SECTION 3, PAGE 1 FOR DETAILS.
13. NO OTHER SERVICES OTHER THAN THOSE REQUIRED FOR THE ELEVATOR FUNCTION AND SERVICE SHOULD BE LOCATED IN THE HOISTWAY

14. DEPTH AND SIZE MUST BE AS SHOWN ON DRAWING.
15. WALLS MUST BE FLUSH WITH HOISTWAY WALLS (NO STEPS).
16. MUST BE SQUARE WITHIN 1/4" IN ANY DIRECTION OVER ENTIRE DIMENSION AND STILL MAINTAIN SIZE.
17. MUST BE CLEAN, DRY AND FREE OF ANY IRREGULARITIES.
18. FLOOR MUST BE CLEAN, FLAT AND FREE FROM ANY IRREGULARITIES.
19. FLOOR MUST BE ABLE TO SUPPORT PIT REACTIONS AS SHOWN ON DRAWING SECTION 1, PAGE 1.
20. DRAIN, IF PROVIDED, MUST BE LARGE ENOUGH TO EVACUATE 3,000 GAL/HR, EITHER BY GRAVITY OR PUMP. DRAIN MUST BE GRATED, FLUSH WITH PIT FLOOR. DRAIN MUST BE DESIGNED TO PREVENT GAS OR VAPOR ENTERING THE HOISTWAY. DRAIN MUST BE DESIGNED TO PREVENT WATER ENTERING THE PIT (BACK FLOW PREVENTOR / NON-RETURN VALVE). A PIT DRAIN MUST BE INSTALLED. SUMP PUMP SHALL NOT BE LOCATED IN PIT. DRAIN TO BE ZURN # Z-189-VP DRAIN OR EQUIVALENT (TO BE FLUSH WITH PIT FLOOR)

FINAL  
DRAWINGS



RAIL BRACKET DETAILS  
PART# 202208



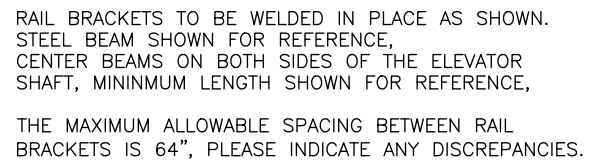
THE BUILDING CONSTRUCTION FORMING THE SUPPORTS FOR THE GUIDE RAIL AND RAIL BRACKETS SHALL BE DESIGNED TO WITHSTAND THE FORCES INDICATED ON S1-P1/7. THE CONTRACTOR MUST ENSURE THAT THE INDICATED FORCES ARE REVIEWED BY THE APPROPRIATE PROFESSIONAL(S) TO ENSURE THAT THE BUILDING DESIGN AND CONSTRUCTION MEET ALL THE REQUIRED CODES.



PROJECT NAME:	FORESTSIDE EST. 7-8 BUILDING D	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19062	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS/REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S2-P1/5

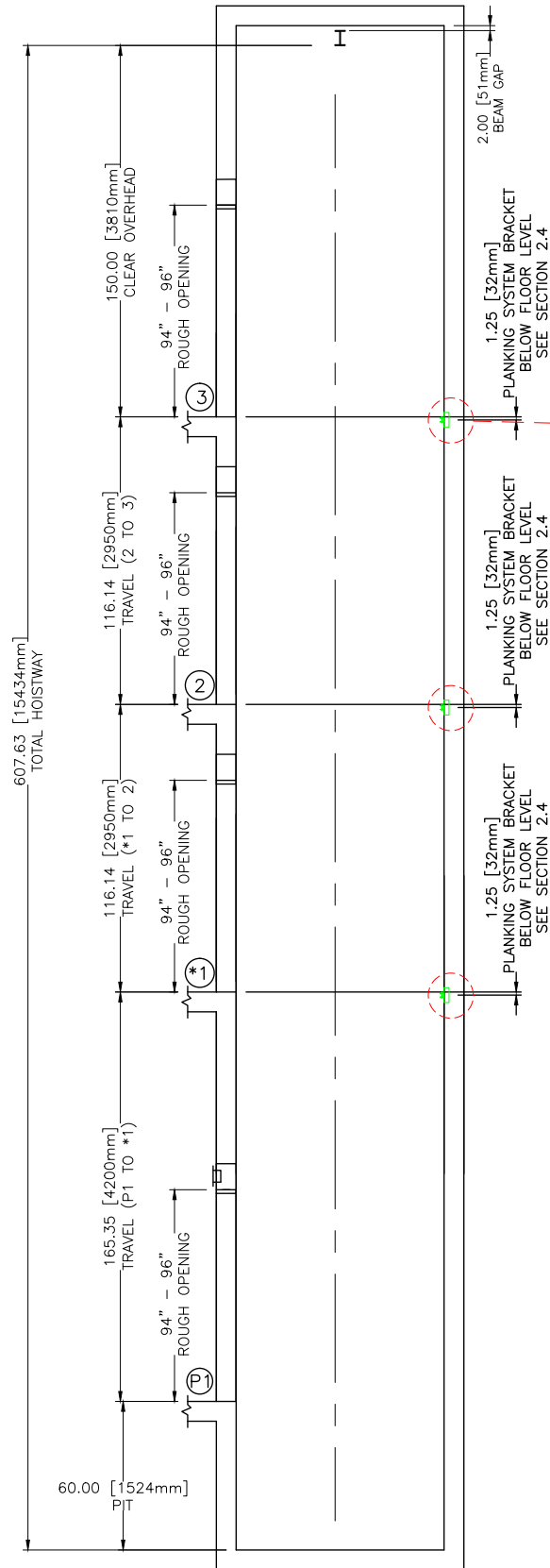
DRAWING: WELDED RAIL BRKTS

10	580"	WELDED
9	558"	WELDED
8	498"	WELDED
7	438"	WELDED
6	378"	WELDED
5	318"	WELDED
4	258"	WELDED
3	198"	WELDED
2	138"	WELDED
1	78"	WELDED
BRACKET NUMBER	BRACKET ELEVATION	TYPE

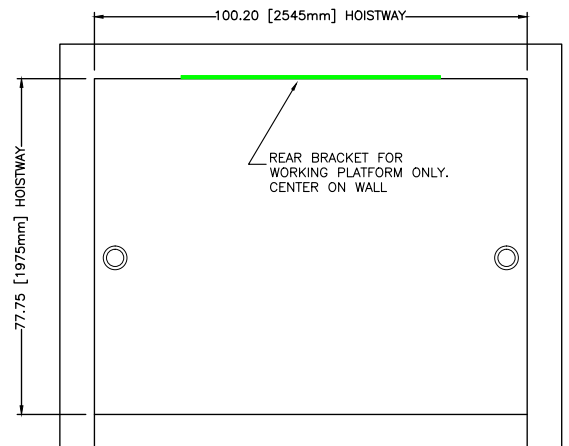


# FINAL DRAWINGS

PROJECT NAME:	FORESTSIDE EST. 7-8 BUILDING D	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19062	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S2-P2/5
DRAWING: WELDED RAIL BRKT		



INSTALL 3 BRACKETS FOR TEMPORARY WORKING PLATFORM. BRACKETS TO BE 1.25" BELOW FLOOR \*1, 2 & 3 ON THE HOISTWAY REAR WALL AS SHOWN.



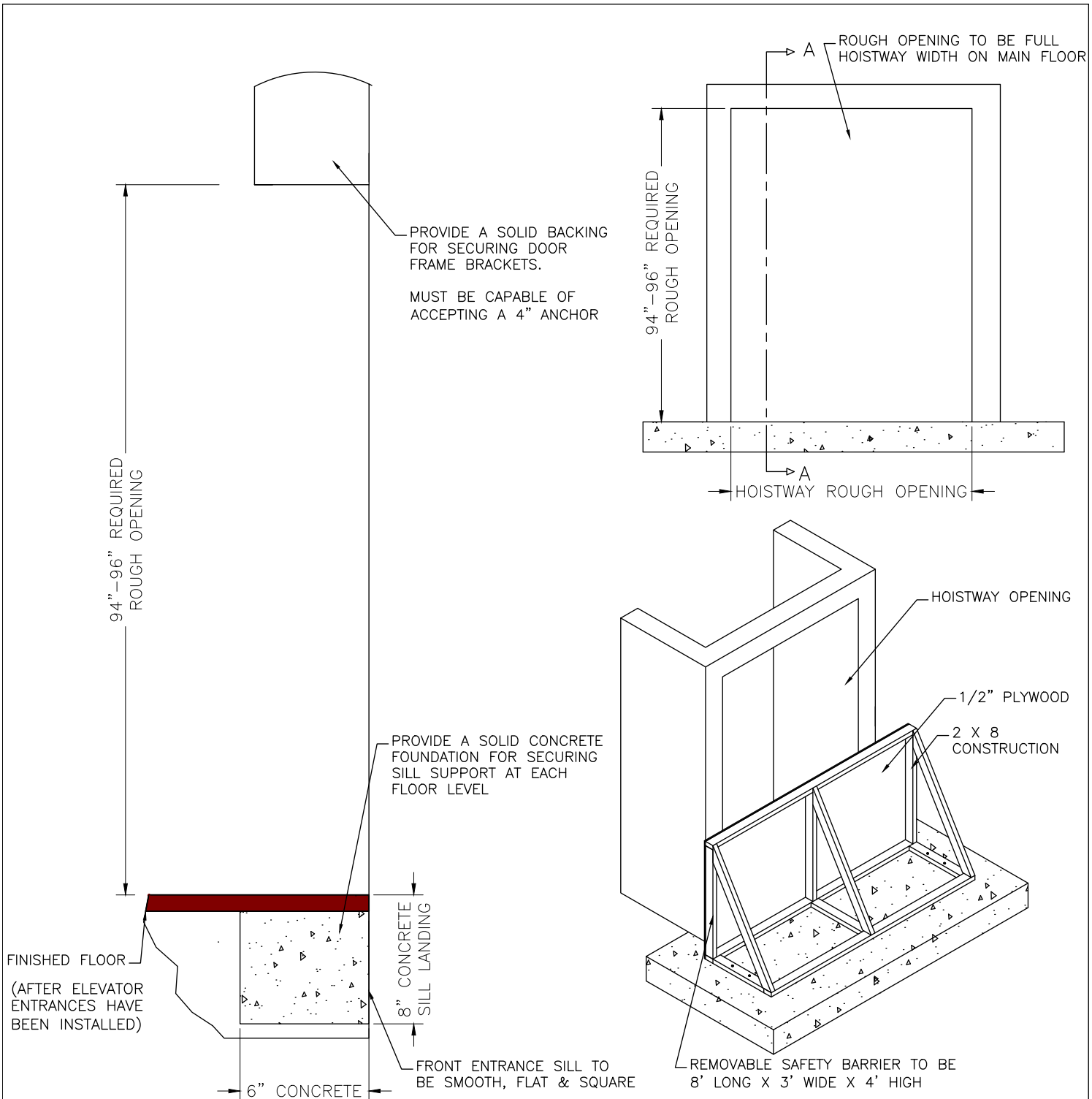
FINAL  
DRAWINGS



PROJECT NAME:	FORESTSIDE EST. 7-8 BUILDING D	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19062	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S2-P3/5

DRAWING: TEMP WORK PLATFORM





NOTE:

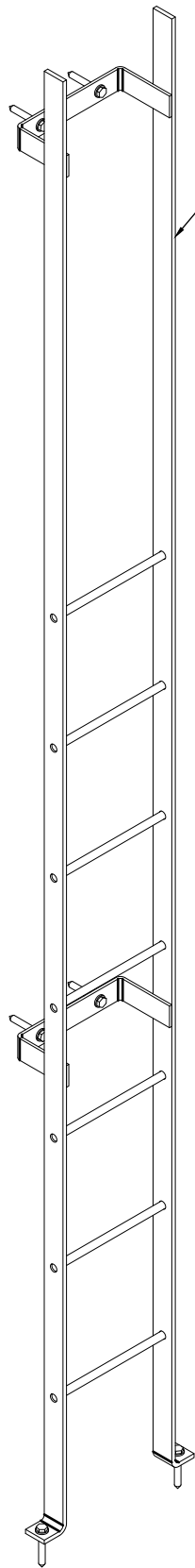
- BARRIER MUST HAVE A MINIMUM HEIGHT OF 42.5" [1050mm]
- BARRIER MUST BE ABLE TO WITHSTAND A MINIMUM OF (198lbs) 90KG FORCE
- BARRIER TO BE REMOVABLE IN ONE PIECE
- REMOVABLE BARRIER AT EACH OPENING (BY GENERAL CONTRACTOR)

FINAL  
DRAWINGS

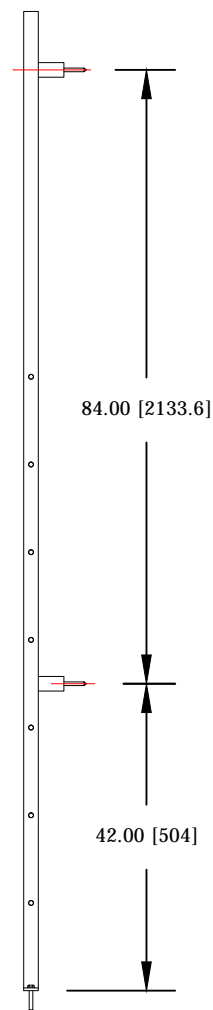
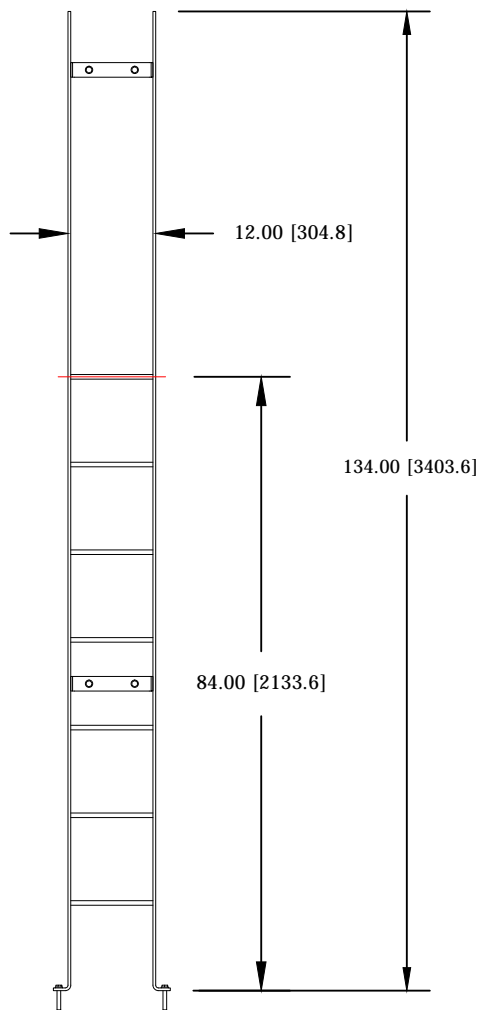


PROJECT NAME:	FORESTSIDE EST. 7-8 BUILDING D	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19062	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S2-P4/5

DRAWING: ROUGH OPENING



LADDERS SUPPLIED  
BY VERTECHS



FINAL  
DRAWINGS

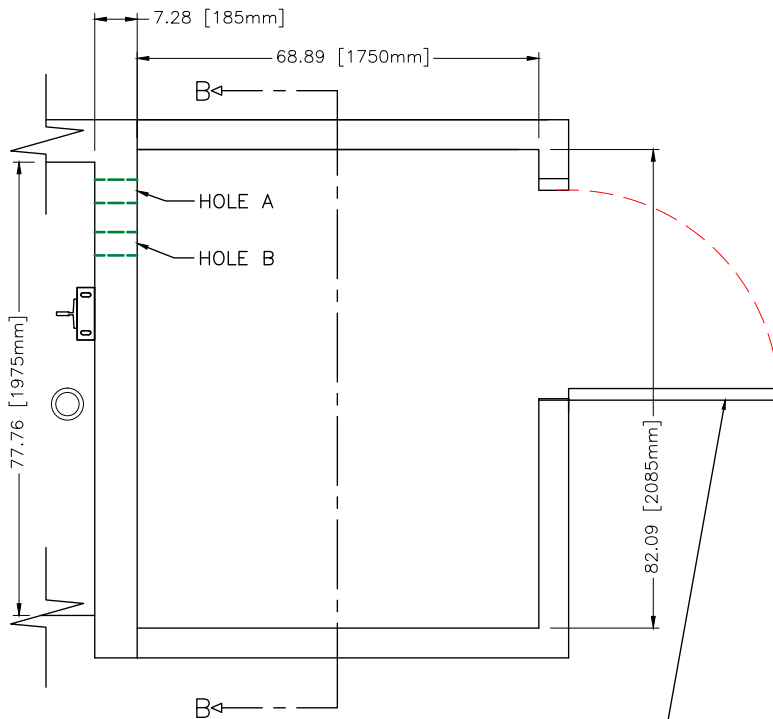


PROJECT NAME:	FORETSIDE EST. 7-8 BUILDING D	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19062	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S2-P5/5
DRAWING:	PIT LADDER	

SECTION 3  
MACHINE ROOM  
CONSTRUCTION DETAILS

PROJECT NAME | FORESTSIDE EST. 7-8 BUILDING D  
PROJECT NUMBER | ON01P19062

FINAL DRAWINGS



MACHINE ROOM

## PROVISIONS BY OTHERS: ELEVATOR MACHINE ROOM

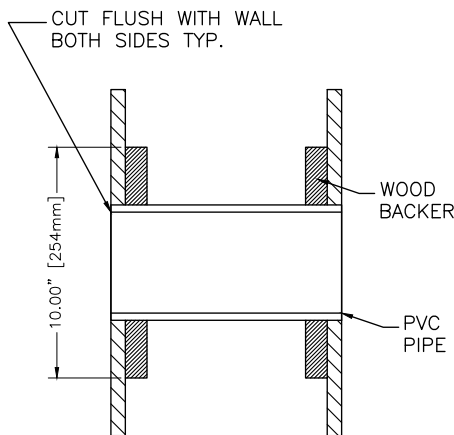
ALL RULES FOLLOW ASME A17.1-2010/CSA B44-10 BASED ON THE LATEST REVISION

1. SHALL HAVE A MINIMUM FIRE RATING AS PER AHJ.
2. SIZE SHALL BE AS SHOWN ON DRAWINGS.
3. LOCATION RELATIVE TO HOISTWAY SHALL BE AS SHOWN ON DRAWINGS.
4. LOCATED ON FLOOR AS INDICATED IN SECTION-1 PG 4 OF 7.
5. SHALL MINIMUM HEAD ROOM OF 84" [2134mm] BETWEEN FLOOR AND OVERHEAD EQUIPMENT OF CEILING.
6. DOOR HAND, LOCATION, SWING AND SIZE SHALL BE AS SHOWN ON DRAWING.
7. DOOR SHALL BE FIRE RATED, SELF CLOSING, SELF LOCKING AND KEYED TO OPEN THIS DOOR ONLY.
8. MUST MEET ALL APPLICABLE CODES.
9. SHALL NOT HOUSE ANY OTHER SERVICES OR DEVICES THAT ARE NOT DIRECTLY RELATED TO THE FUNCTION OF THE ELEVATOR. SHOULD THIS CONTRADICT THE REQUIREMENTS OF THE ARCHITECT, THIS SHALL NEED TO BE REVIEWED.
10. MACHINE ROOM MUST BE TEMPERATURE AND HUMIDITY CONTROLLED.
11. SHOULD SUMP PUMP BE LOCATED IN MACHINE ROOM, IT MUST BE LOCATED BELOW MACHINE ROOM FLOOR, COVERED AND GROUNDED TO PREVENT SHOCK.
12. DOOR, IF SWINGS INTO THE MACHINE ROOM WHEN OPENED, MUST NOT RESTRICT ACCESS TO ELECTRICAL DISCONNECTS, ELEVATOR EQUIPMENT OR MACHINE ROOM LIGHT SWITCH.
13. SHOULD ROOF DRAIN ENTER MACHINE ROOM, IT SHALL BE ADEQUATELY INSULATED SO AS TO PREVENT CONDENSATION.
14. WALLS AND CEILING TO BE PAINTED PRIOR TO ELEVATOR INSTALLATION.

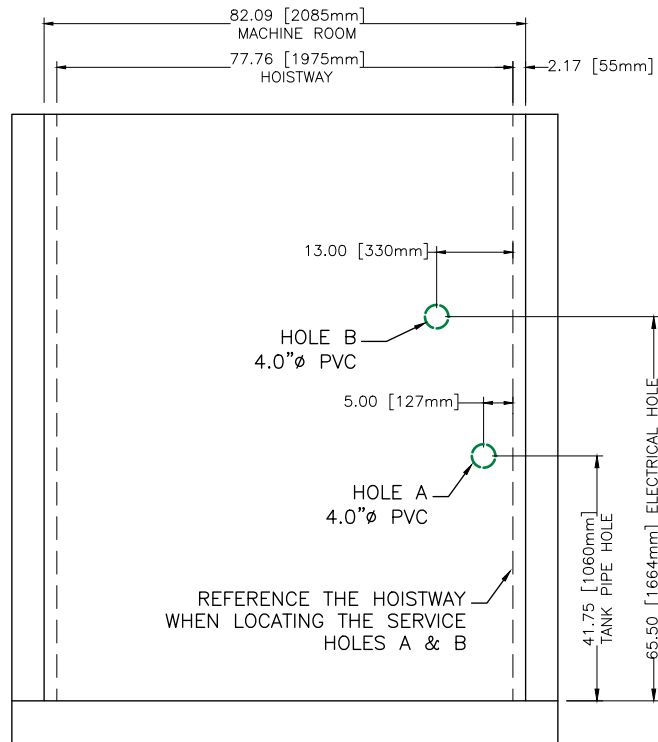
EXACT SERVICE HOLE LOCATIONS TO BE  
CONFIRMED. USE DRAWINGS MARKED FINAL.

3'0"W X 6'8"H, SELF CLOSING, SELF  
LOCKING, DOOR FIRE RATED AS PER  
LOCAL JURISDICTION. KEYED  
FOR THIS DOOR ONLY (MUST MEET  
LOCAL BUILDING CODE REQUIREMENTS)

FIX TWO 4"Ø PVC SLEEVES (HOLE A & B)  
IN WALL AS SHOWN. PVC TO BE CUT FLUSH  
ON BOTH SIDES. SEE DETAIL B1 BELOW.



DETAIL B1



SECTION B-B

PROJECT NAME:	FORESTSIDE EST. 7-8 BUILDING D	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19062	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS/REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S3-P1/1

DRAWING:

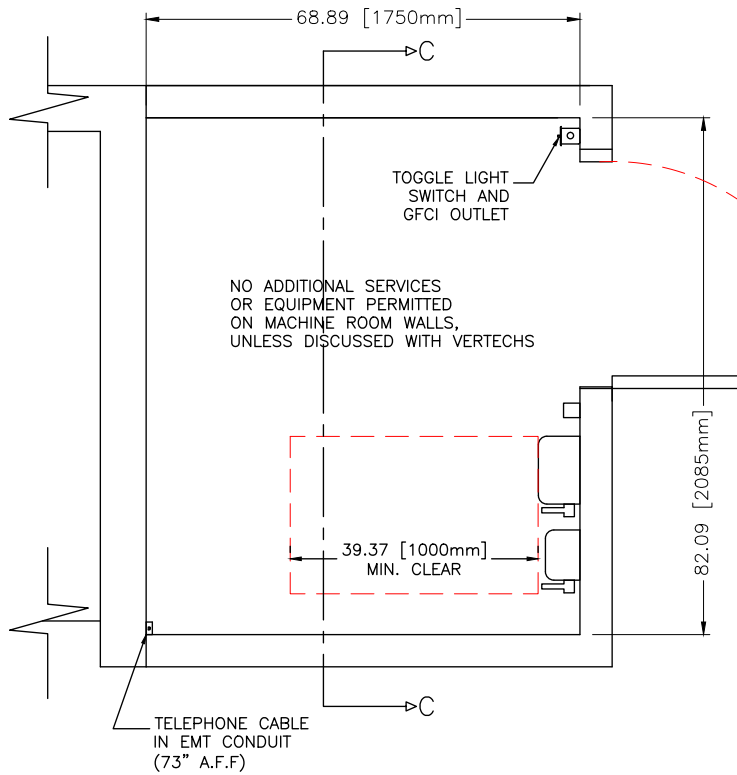
MACHINE ROOM DETAILS

FINAL  
DRAWINGS

# SECTION 4 ELECTRICAL DETAILS

PROJECT NAME | FORESTSIDE EST. 7-8 BUILDING D  
PROJECT NUMBER | ON01P19062

FINAL DRAWINGS



ELECTRICAL - MACHINE ROOM

TELEPHONE

AIR  
CONDITIONING

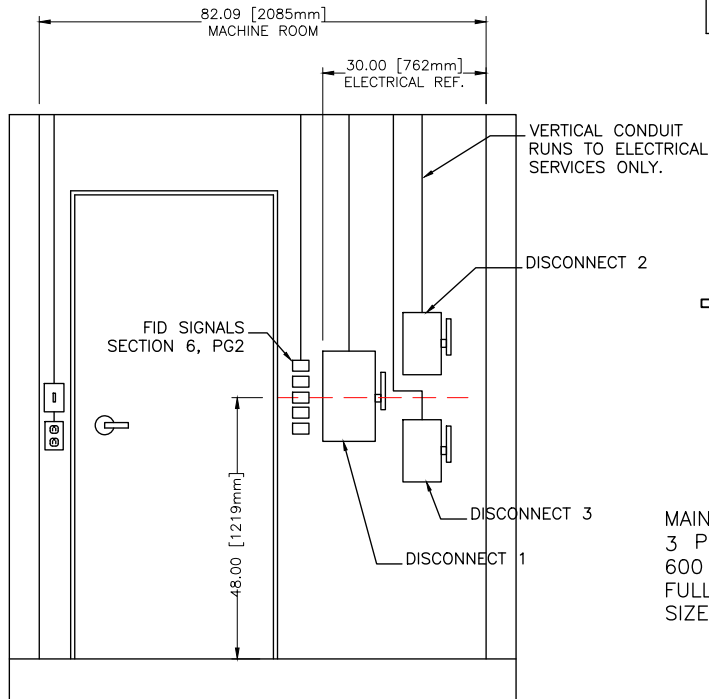
## PROVISIONS BY OTHERS: MACHINE ROOM ELECTRICAL

ALL RULES FOLLOW ASME A17.1-2010/CSA B44-10 BASED ON THE LATEST REVISION

1. ELECTRICAL DISCONNECTS AS SPECIFIED SHALL BE LOCATED IN MACHINE ROOM AS SHOWN.
2. PERMANENT POWER MUST BE RUN TO DISCONNECTS PRIOR TO ELEVATOR INSTALLATION STARTING.
3. ELECTRICAL CONTRACTOR TO RUN FEEDER LINES IN CONDUIT FROM MAIN DISCONNECT TO ELEVATOR CONTROLLER.
4. DISCONNECTS MUST BE FITTED WITH FUSES AS SPECIFIED ON DRAWING PRIOR TO ELEVATOR INSTALLATION STARTING.
5. CLEARANCE ON FRONT OF DISCONNECTS MUST BE A MINIMUM OF 39" [1000mm] AS SHOWN ON ELEVATOR DRAWING.
6. DISCONNECTS MUST BE PROPERLY GROUNDED TO BUILDING GROUND.
7. FEED WIRE SIZE AND CONNECTIONS FROM DISCONNECTS TO ELEVATOR CONTROLLER SHALL BE AS SHOWN ON DRAWING.
8. MACHINE ROOM LIGHT SWITCH SHALL BE LOCATED AS SHOWN ON DRAWING. VERIFY SWING OF DOOR WITH GC PRIOR TO FITTING LIGHT SWITCH.
9. PERMANENTLY GUARDED LIGHTING SHALL BE PROVIDED IN MACHINE ROOM. LIGHTING MUST BE A MINIMUM OF 200lx (19FC) IN ANY AREA OF THE MACHINE ROOM.
10. MACHINE ROOM 110V AC GFCI SHALL BE LOCATED AS SHOWN ON DRAWING.
11. NO OTHER ELECTRICAL SERVICES OR DEVICES ARE PERMITTED IN THE ELEVATOR MACHINE ROOM.

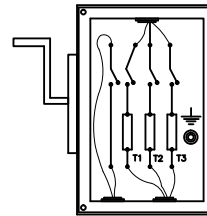
12. JACK MUST BE ACTIVE AND TAGGED WITH 24/7 EMERGENCY TELEPHONE THAT CAN BE PROGRAMMED INTO THE ELEVATOR EMERGENCY TELEPHONE. THIS MUST BE ARRANGED PRIOR TO ELEVATOR INSTALLATION STARTING.

13. AIR CONDITIONING DEVICES NOT TO BE PLACED IN MACHINE ROOM, UNLESS DISCUSSED WITH ELEVATOR CONTRACTOR.
14. MACHINE ROOM TEMPERATURE SHALL BE CONTROLLED BETWEEN 60°F (16°C) AND 90°F (32°C).
15. MACHINE ROOM SHALL BE ADEQUATELY VENTED AS REQUIRED BY CODE.

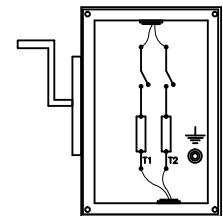


SECTION C-C

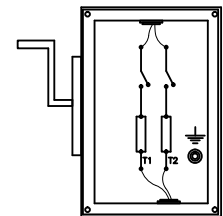
AUX POWER TO BE N/C  
WHEN POWER IS ON



MAIN DISCONNECT 1  
3 PHASE WITH AUX CONTACT  
600 VOLT (FUSED)  
FULL LOAD AMPS: 30.4  
SIZE DISCONNECT ACCORDINGLY



DISCONNECT 2 (CAB LIGHTS)  
120 VOLT, 15 AMP (FUSED)  
SINGLE PHASE



DISCONNECT 3 (OIL COOLER)  
220 VOLT, 20 AMP (FUSED)  
SINGLE PHASE

FINAL  
DRAWINGS



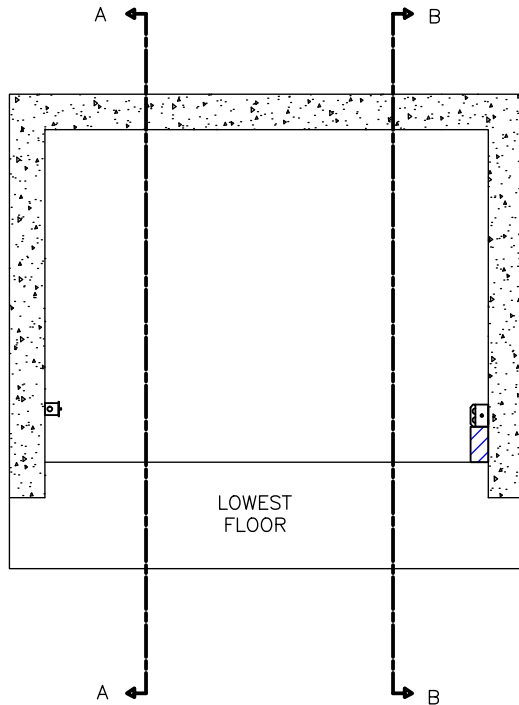
PROJECT NAME:	FORESTSIDE EST. 7-8 BUILDING D	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19062	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S4-P1/2

DRAWING: MACHINE ROOM ELECTRICAL

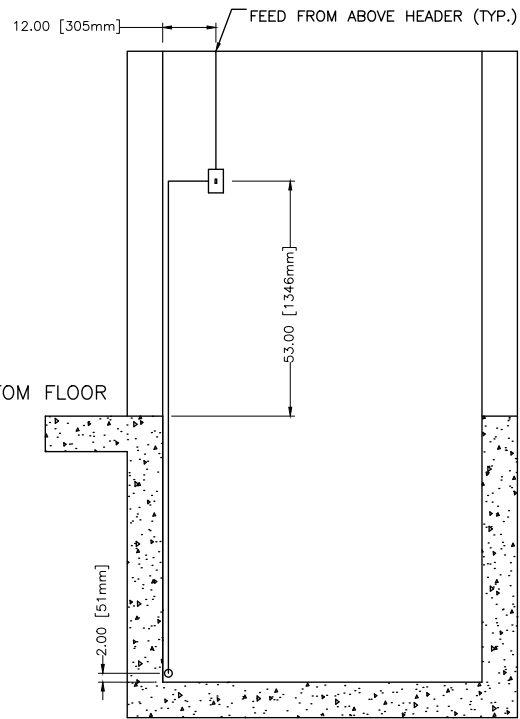
# PROVISIONS BY OTHERS:

ELECTRICAL  
PIT

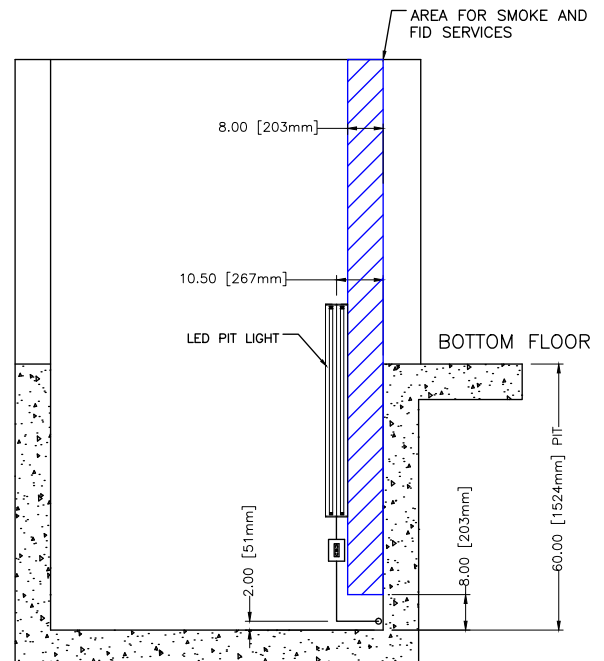
13. PIT LIGHT SWITCH, GFCI RECEPTACLE AND GUARDED LIGHT SHALL BE LOCATED IN PIT AS SHOWN ON DRAWING.
14. CONDUIT RUN TO THESE DEVICES SHALL BE AS SHOWN ON DRAWINGS PROVIDED.
15. PERMANENTLY GUARDED LIGHTING IN PIT SHALL BE A MINIMUM OF 100lx (10FC) MEASURED IN ALL AREAS AT PIT FLOOR.
16. PIT ELECTRICAL MUST BE INSTALLED IN HOISTWAY PRIOR TO ELEVATOR INSTALLATION.



BOTTOM FLOOR

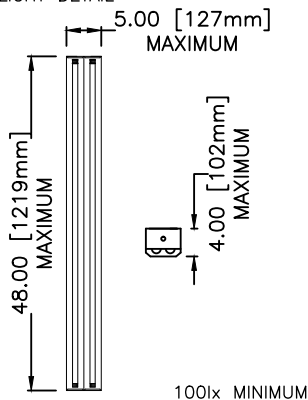


SECTION A-A



SECTION B-B

## LED LIGHT DETAIL



## NOTE\*:

ALL ELECTRICAL WIRING AND CONDUIT RUNS TO BE 'BURIED' INSIDE WALLS IF POSSIBLE, OTHERWISE, ENSURE ALL CONDUIT RUNS VERTICALLY DOWN INTO PIT. ANY HORIZONTAL RUNS TO BE KEPT 2" OFF PIT FLOOR.

# FINAL DRAWINGS



PROJECT NAME:	FORESTSIDE EST. 7-8 BUILDING D	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19062	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S4-P2/2

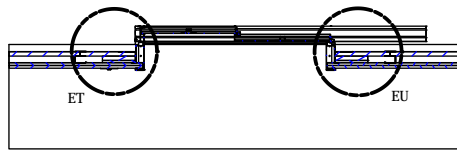
DRAWING: HOISTWAY PIT ELECTRICAL

# SECTION 5 ENTRANCE DETAILS

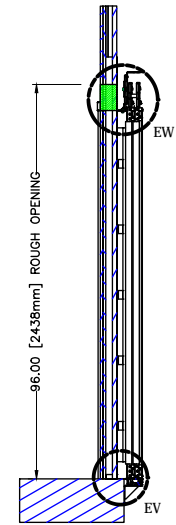
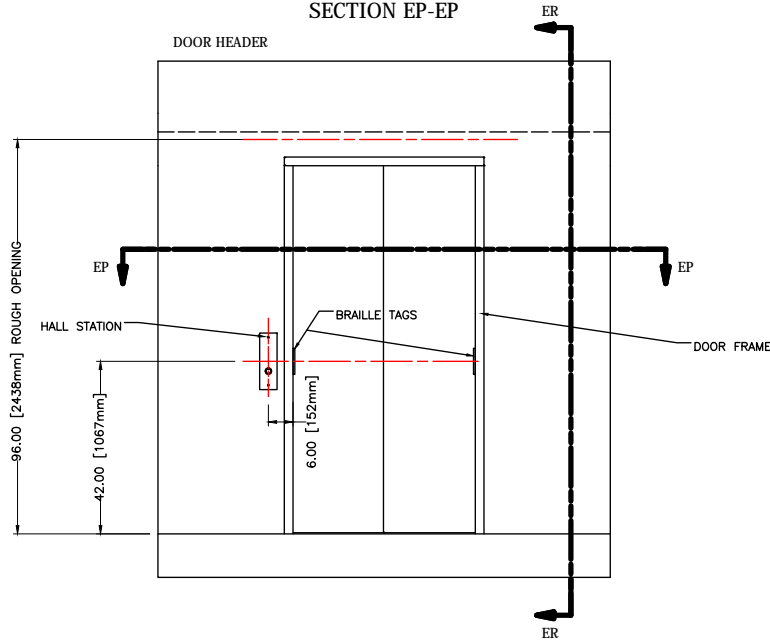
PROJECT NAME | FORESTSIDE EST. 7-8 BUILDING D  
PROJECT NUMBER | ON01P19062

FINAL DRAWINGS

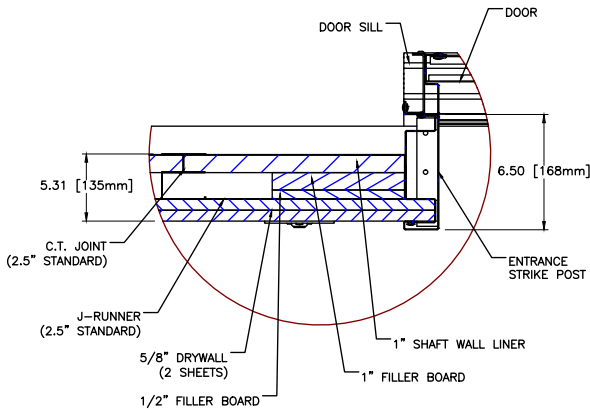




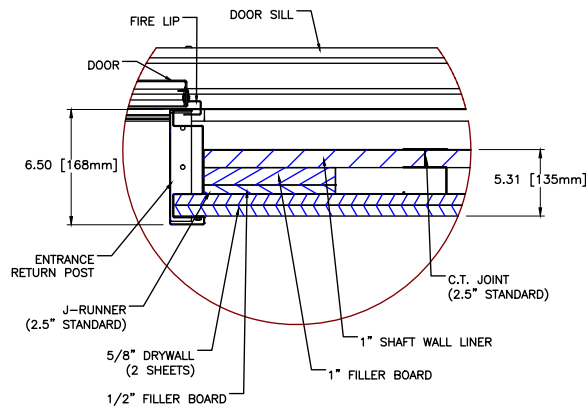
SECTION EP-EP



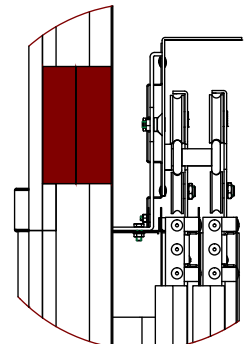
SECTION ER-ER



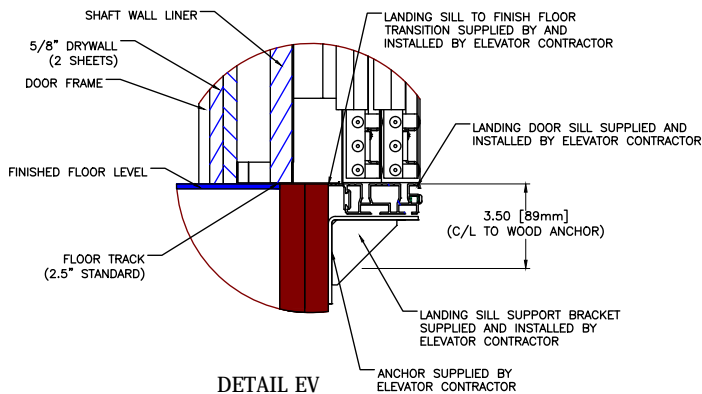
DETAIL ET



DETAIL EU



DETAIL EW



DETAIL EV

NOTE:

1. ENTRANCE WALLS NOT TO BE BUILT UNTIL ENTRANCE FRAMES ARE SET. PROVIDE GROUTING BETWEEN FINISHED FRAMES AND SILL, INCLUDING PATCHING, CAULKING, AND TOUCH UP WORK.
2. ENTRANCE FRAMES ARE NOT DESIGNED TO SUPPORT OVERHEAD WORK LOADS.
3. TAKE CAUTION TO NOT MOVE DOOR FRAME WHEN FINISHING ENTRANCE WALL.

FINAL  
DRAWINGS



PROJECT NAME:	FORESTSIDE EST. 7-8 BUILDING D	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19062	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S5-P1/1

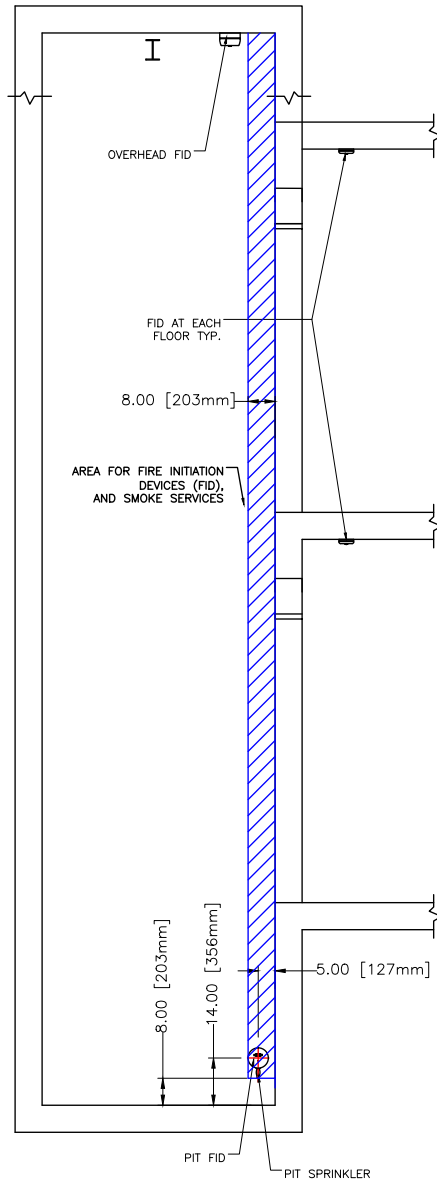
DRAWING:

ENTRANCE DETAILS

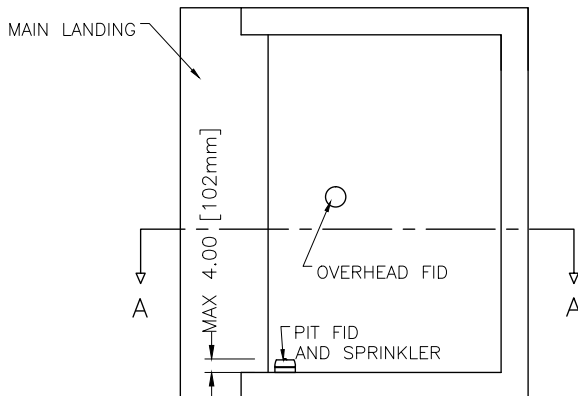
# SECTION 6 FIRE SERVICE DETAILS

PROJECT NAME | FORESTSIDE EST. 7-8 BUILDING D  
PROJECT NUMBER | ON01P19062

FINAL DRAWINGS



SECTION A-A



SPRINKLERS AND  
SMOKE DETECTORS

FIRE DETECTION AND SUPPRESSION

ALL RULES FOLLOW ASME A17.1-2010/CSA B44-10 BASED ON THE LATEST REVISION

1. SPRINKLERS (IF REQUIRED), SMOKE DETECTORS, HEAT DETECTORS AND SUMP PUMP SHALL NOT BE LOCATED IN HOISTWAY OR MACHINE ROOM UNLESS DISCUSSED WITH ELEVATOR COMPANY.
2. SPRINKLERS SHALL CONFORM TO NFPA-13 AND NBCC IN ADDITION TO ASME17.1-2010/CSA B44-10 SECTION 2.8.3.3.
3. SMOKE AND HEAT DETECTORS (FIRE DETECTORS) SHALL CONFORM TO NFPA-72 AND NBCC IN ADDITION TO ASME 17.1-2010/CSA B44-10 SECTION 2.27.3.2.
4. ALL N/O DRY CONTACTS FROM ALL DETECTORS TO BE RAN TO MACHINE ROOM AND LABELED WITH LOCATION.
5. NO SPRINKLER HORIZONTAL PIPE RUNS IN THE HOISTWAY.
6. SPRINKLERS TO BE FLUSH MOUNTED IN THE HOISTWAY.

NOTE:

FID = FIRE INITIATION DEVICES

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RUN ALL FID CONDUCTORS TO MACHINE ROOM AND ADDRESS FID CONDUCTORS AS FOLLOWS:

MR = MACHINE ROOM

OH = OVERHEAD

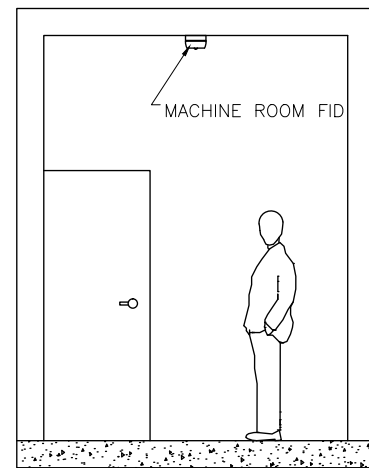
F1 = 1ST LANDING

F2 = 2ND LANDING

F3 = 3RD LANDING

F4 = 4TH LANDING

P = PIT

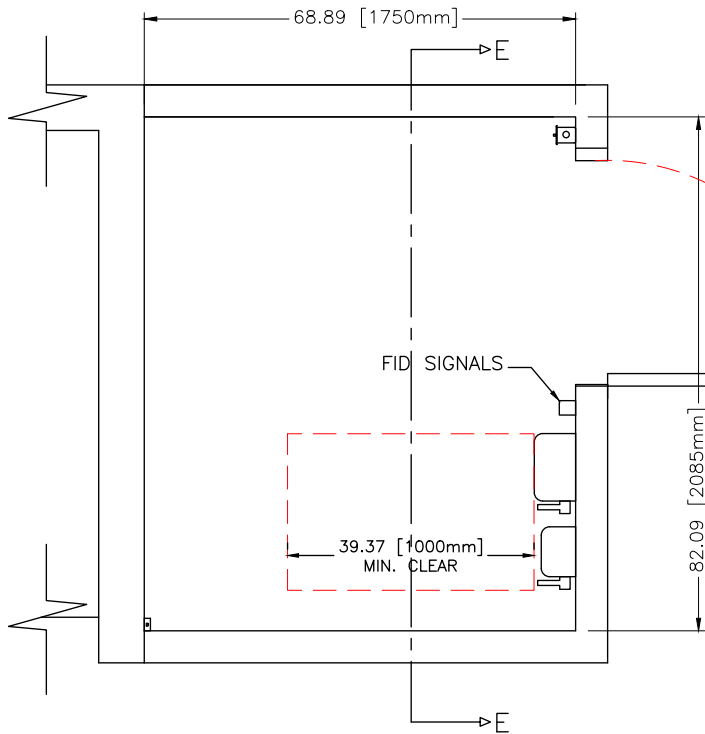


MACHINE ROOM SMOKE DETECTOR

FINAL  
DRAWINGS



PROJECT NAME:	FORESTSIDE EST. 7-8 BUILDING D	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19062	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S6-P1/2
DRAWING:	FIRE SERVICE	



SPRINKLERS

FIRE INITIATING DEVICES (FID)

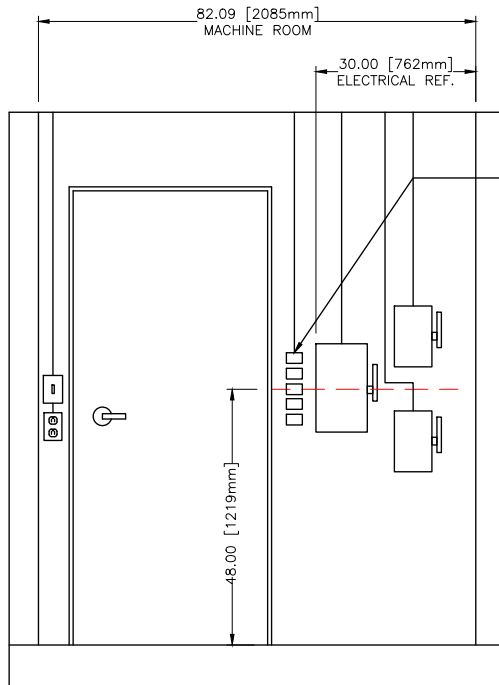
## SPRINKLERS AND FID

ALL RULES FOLLOW ASME A17.1-2010/CSA B44-10 BASED ON THE LATEST REVISION

IF SPRINKLERS ARE REQUIRED, PROCEED AS FOLLOWS:

1. SPRINKLERS TO BE INSTALLED AS PER NATIONAL AND LOCAL GOVERNING CODES.
2. IN ELEVATOR HOISTWAY (SHAFT) RUN ALL SERVICE LINES VERTICALLY IN AREA SHOWN ON DRAWING. NO HORIZONTAL RUNS.
3. TYPICALLY, TWO SPRINKLER HEADS TO BE PROVIDED IN ELEVATOR HOISTWAY (SHAFT): ONE IN THE PIT AND ONE AT THE TOP OF SHAFT CEILING.
4. SPRINKLER HEAD AND SERVICE LINE FITTINGS SHALL NOT BE INSTALLED OVER ANY EQUIPMENT IN MACHINE ROOM. SEE DRAWING SECTION 1, PG 4 FOR LOCATION OF EQUIPMENT IN MACHINE ROOM AND CONTACT ELEVATOR COMPANY IF FURTHER CLARIFICATION IS REQUIRED.

1. ALL FID TO BE INSTALLED AS PER NATIONAL AND LOCAL GOVERNING CODES.
2. IN ELEVATOR HOISTWAY (SHAFT), RUN ALL SERVICE LINES TO FID'S VERTICALLY AS SHOWN ON DRAWING. NO HORIZONTAL RUNS.
3. TYPICALLY, TWO FID'S TO BE INSTALLED IN ELEVATOR HOISTWAY (SHAFT): ONE IN THE PIT AND ONE AT THE TOP OF SHAFT CEILING. FIDS SHALL NOT PROTRUDE ANY MORE THEN 4" FROM WALL AS PER DRAWING.
4. ONE FID SHALL BE LOCATED IN CLOSE PROXIMITY TO EACH ELEVATOR LANDING ENTRANCE.
5. ONE FID SHALL BE INSTALLED IN MACHINE ROOM. SERVICE LINES TO THIS FID SHALL NOT BE RUN ON MACHINE ROOM WALL AS INDICATED ON DRAWING SECTION 4 PG 1 AND 2.
6. FIVE FIRE SERVICE ADDRESSABLE RELAYS TO BE LOCATED IN THE MACHINE ROOM AS SHOWN ON DRAWING.
7. FIRE 'PULL STATIONS' CANNOT ACTIVATE ELEVATOR FIRE SERVICE.
8. RUN NORMALLY OPEN (N/O) DRY CONTACT (CLOSED ON ALARM) SIGNAL WIRE FROM RELAYS TO ELEVATOR CONTROLLER AND LVEL AS FOLLOWS: MR = MACHINE ROOM, P = PIT, OH = OVERHEAD, M = MAIN FIRE EGRESS LANDING, AL = ALL OTHER LANDINGS.



SECTION E-E

NOTE:  
ALL EQUIPMENT TO BE INSTALLED  
USING DRAWINGS MARKED 'FINAL'. DO  
NOT USE 'DRAWINGS FOR REVIEW.'

FINAL  
DRAWINGS



PROJECT NAME:	FORESTSIDE EST. 7-8 BUILDING D	DRAWN BY: N.R.
PROJECT NUMBER	ON01P19062	CHECKED BY: A.L.
LOCATION	65 ATTMAR DR. BRAMPTON	DATE:
ELEVATOR COMPANY	VERTECHS ELEVATOR SYSTEMS	26/05/2021
GENERAL CONTRACTOR	ROYAL PINE HOMES	SCALE: NTS/REV: 0
ARCHITECT	GRAZIANI + CORAZZA ARCHITECTS	SHEET: S6-P2/2
DRAWING:	FID SIGNALS/RELAYS	