

CALVIN J. REED

Land Surveying

SECTION 23

TWP. 35S

RGE. 16E

SKETCH OF SURVEY

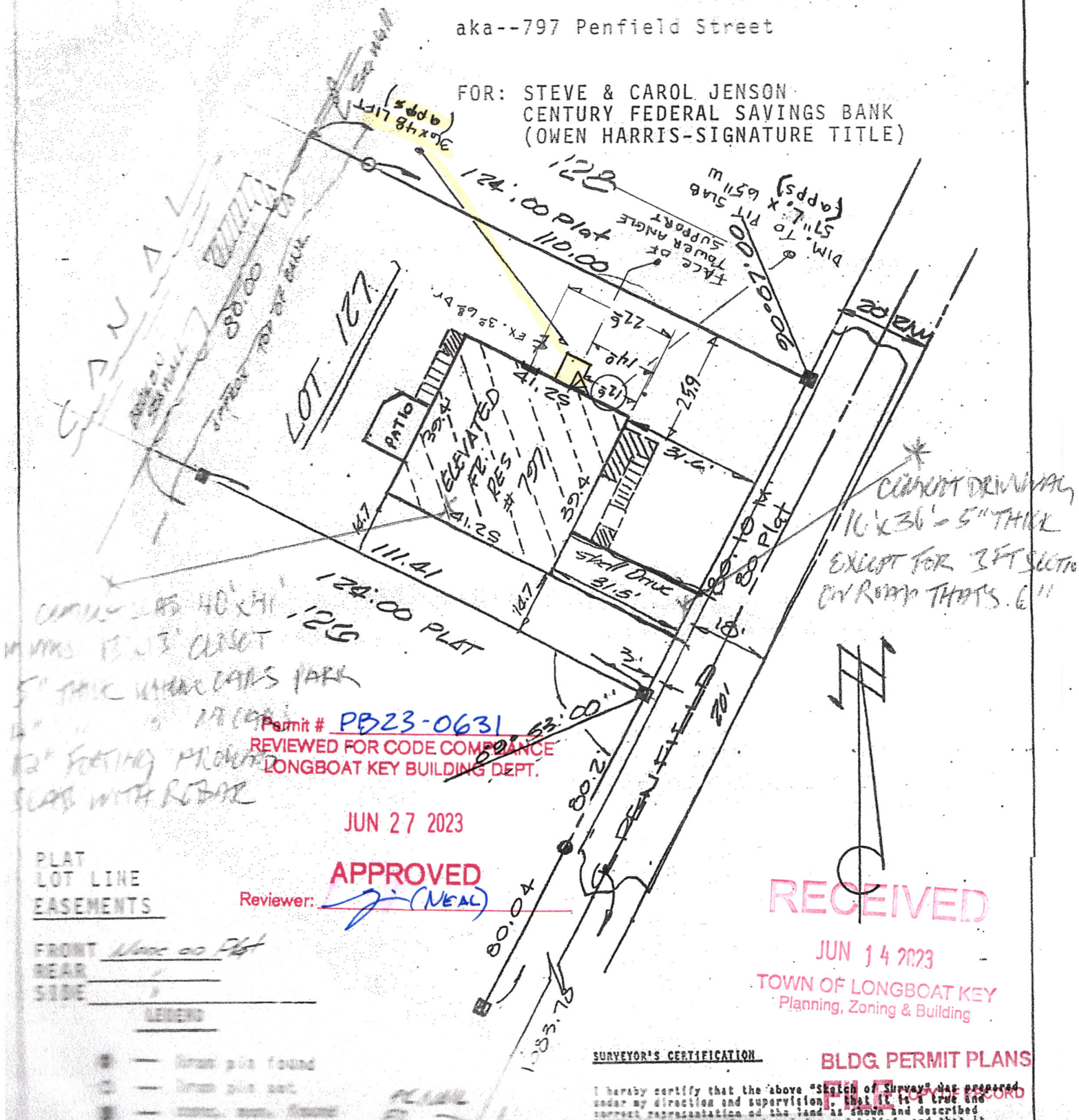
A BOUNDARY SURVEY OF :

SCALE 1" = 30'

Lot 127, SLEEPY LAGOON PARK NO. 2, as recorded
in Official Record Book 392, Page 150, Public
Records of Manatee County, Florida.

aka--797 Penfield Street

FOR: STEVE & CAROL JENSON
CENTURY FEDERAL SAVINGS BANK
(OWEN HARRIS-SIGNATURE TITLE)



CURB 40' x 41'

MINUS 12' x 3' CURB

5" THICK UNREINFORCED

12" FOOTING PROTRUSION

SLAB WITH REBAR

* CANNOT DRIVE ALONG
10' x 36' - 5" THICK
EXCEPT FOR 3 FT SECTION
ON ROAD THAT'S 6"

Permit # PB23-0631
REVIEWED FOR CODE COMPLIANCE
LONGBOAT KEY BUILDING DEPT.

JUN 27 2023

APPROVED

Reviewer: (NEAL)

PLAT
LOT LINE
EASEMENTS

FRONT None 00 Plat
REAR
SIDE

LEGEND

- - Iron pin found
- - Iron pin set
- ⊙ - Iron pin found

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JUN 14 2023

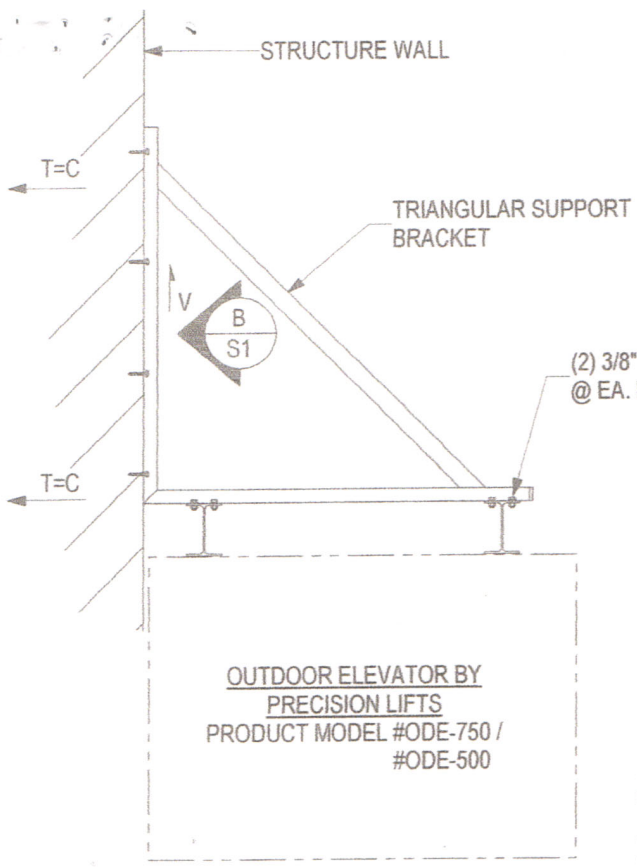
TOWN OF LONGBOAT KEY
Planning, Zoning & Building

SURVEYOR'S CERTIFICATION

I hereby certify that the above "Sketch of Survey" was prepared under my direction and supervision, that it is a true and correct representation of the land as shown and described herein to the best of my knowledge and belief, and that it

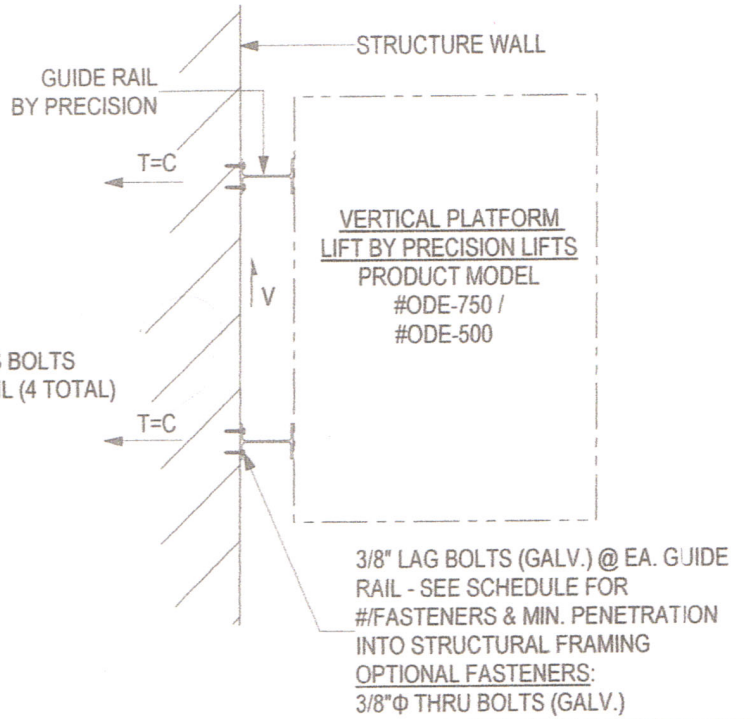
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FILE COPY OF RECORD



**OUTDOOR ELEVATOR BY
PRECISION LIFTS**
PRODUCT MODEL #ODE-750 /
#ODE-500

**WITH TRIANGULAR
BRACKET**



**VERTICAL PLATFORM
LIFT BY PRECISION LIFTS**
PRODUCT MODEL
#ODE-750 /
#ODE-500

3/8" LAG BOLTS (GALV.) @ EA. GUIDE
RAIL - SEE SCHEDULE FOR
#/FASTENERS & MIN. PENETRATION
INTO STRUCTURAL FRAMING
OPTIONAL FASTENERS:
3/8"φ THRU BOLTS (GALV.)

SERVICE LOADS (WIND)
T (TENSION) /
C (COMPRESSION) = 2300 LBS.
V (SHEAR) = 3545 LBS.

SUBSTRATE	FASTENER PENETRATION	NUMBER OF FASTENERS
(1) 2x	1 1/2"	10 (5 EA. RAIL)
(2) 2x	3"	8 (4 EA. RAIL)
CONCRETE**	3 1/4"	10 (5 EA. RAIL)

**USE 3/8"Ø HILTI KWIK HUS-EZ SCREW ANCHORS. INSTALL IN STRICT CONFORMANCE W/ ICC ESR-3027.

WITHOUT TRIANGULAR BRACKET

3/8"φ LAG BOLTS (GALV.) - SEE SCHED. FOR #/FASTENERS & MIN. PENETRATION INTO STRUCTURAL FRAMING
OPTIONAL FASTENERS:
3/8"φ THRU BOLTS (GALV.)

STRUCTURAL FRAMING (SUBSTRATE) BEYOND

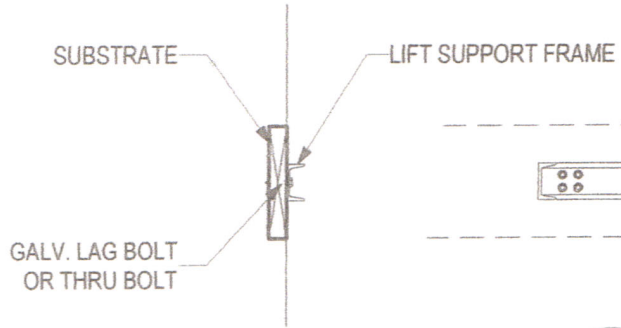
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TOWN OF LONGBOAT KEY
Planning, Zoning & Building

**NOTE: ENSURE THAT BUILDING
STRUCTURE CAN RESIST
ABOVE LOADS.**

FRAMING PLAN
A
S1 3/4" = 1'-0"



ELEVATION
B
S1 1" = 1'-0"

SUBSTRATE	FASTENER PENETRATION	NUMBER OF FASTENERS
(1) 2x	1 1/2"	10 (4 E.E., 2 INT.)
(2) 2x	3"	8 (3 E.E., 2 INT.)
CONCRETE**	3 1/4"	10 (4 E.E., 2 INT.)

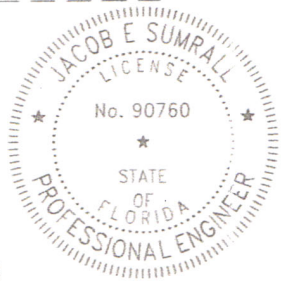
**USE 3/8"Ø HILTI KWIK HUS-EZ SCREW ANCHORS. INSTALL IN STRICT CONFORMANCE W/ ICC ESR-3027.

DESIGN CRITERIA:

REFERENCE CODES:

DESIGN WIND SPEED:

Digitally signed
by Jacob E
Sumrall
Date: 2023.06.05
08:19:25 -05'00'



**FLORIDA BUILDING CODE, 2020
ASCE 7-16
180 MPH**

BLDG PERMIT PLANS

**SUPPORT DETAILS FOR
PRECISION LIFT INDUSTRIES, LLC**

PROJECT: RESIDENCE AT
797 PENFIELD ST.

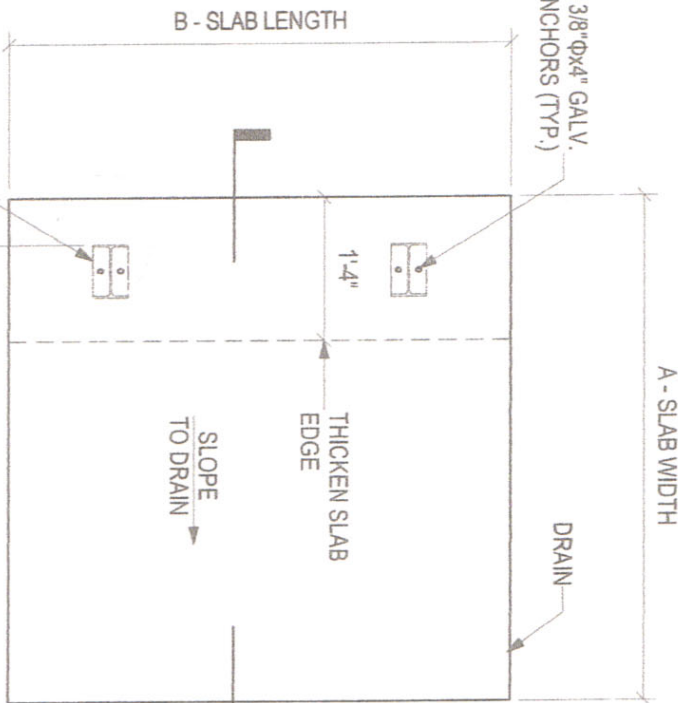


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True North Structural
Engineering, LLC
Florida Registry No. 36287
5800 Glenby Ct. Palm Beach, FL 33571

S1

(2) 3/8" Φx4" GALV. EXP. ANCHORS (TYP.)



GUIDE RAIL & BASE PLATE BY PRECISION (TYP.)

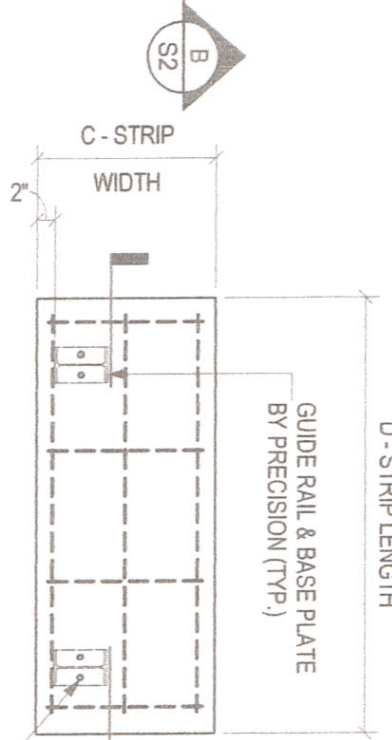
A PLAN DETAIL
S2 3/4" = 1'-0"

CONCRETE BASE SLAB/PIT OPTION

FOUNDATION LOADS (SERVICE)
DEAD (VERTICAL) = 1200 LBS.
LIVE (VERTICAL) = 750 LBS.
WIND (HORIZONTAL) = 3545 LBS.

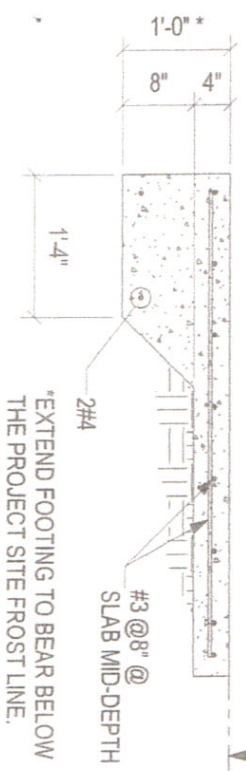
C PLAN DETAIL
S2 3/4" = 1'-0"

CONCRETE BASE STRIP OPTION

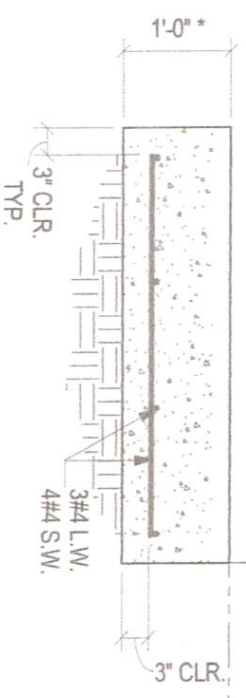


(2) 3/8" Φx4" GALV. EXP. ANCHORS (TYP.)

CAB WIDTH	CAB LENGTH	A SLAB WIDTH	B FRONT ENTRANCE SLAB LENGTH	B PASS THROUGH SLAB LENGTH	C STRIP WIDTH	D STRIP LENGTH
36"	48"	56 1/2"	58 1/2"	54 1/4"	18"	54"
36"	54"	56 1/2"	64 1/2"	60 1/4"	18"	60"



B SECTION
S2 3/4" = 1'-0"

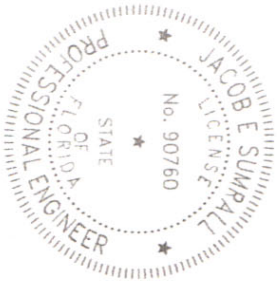


D SECTION
S2 3/4" = 1'-0"

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JUN 14 2023

TOWN OF LONGBOAT KEY
Planning, Zoning & Building



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FILE COPY OF RECORD

True North Structural Engineering, LLC

Florida Registry No. 36287

5800 Glenby Ct. Pace, FL 32571

TRUE NORTH

SUPPORT DETAILS FOR
PRECISION LIFT INDUSTRIES, LLC

PROJECT: RESIDENCE AT
797 PENFIELD ST.

S2









Jensen Approval Drawing Rev. B

Final Audit Report

2023-05-16

Created:	2023-05-16
By:	Drawings Team (drawings@precisionliftindustries.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAAGoqdIBIX8-W4i8gauefhizBhwsYzlCo_

"Jensen Approval Drawing Rev. B" History

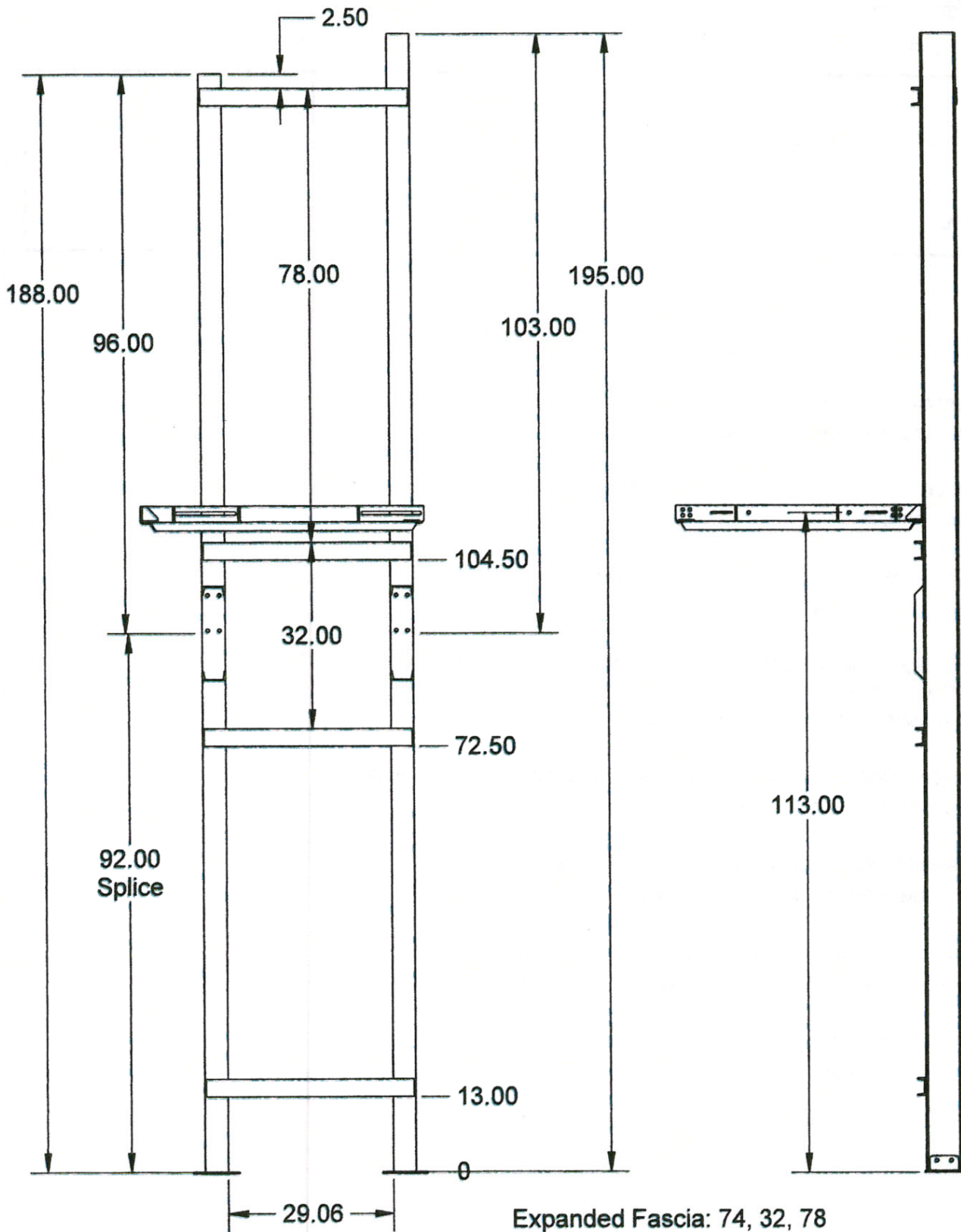
-  Document created by Drawings Team (drawings@precisionliftindustries.com)
2023-05-16 - 6:53:07 PM GMT - IP address: 184.189.8.206
-  Document emailed to Tia Filiault (tiaf@gulfsideelevator.com) for signature
2023-05-16 - 6:53:29 PM GMT
-  Email viewed by Tia Filiault (tiaf@gulfsideelevator.com)
2023-05-16 - 6:53:50 PM GMT - IP address: 73.156.49.62
-  Document signing delegated to Steve Jensen (scjensenlbk@comcast.net) by Tia Filiault (tiaf@gulfsideelevator.com)
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-  Email viewed by Steve Jensen (scjensenlbk@comcast.net)
2023-05-16 - 6:58:23 PM GMT - IP address: 73.55.36.71
-  Document e-signed by Steve Jensen (scjensenlbk@comcast.net)
Signature Date: 2023-05-16 - 6:58:47 PM GMT - Time Source: server- IP address: 73.55.36.71
-  Agreement completed.
2023-05-16 - 6:58:47 PM GMT

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TOWN OF LONGBOAT KEY
Planning, Zoning & Building



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THE OUTDOOR ELEVATOR
CONFORMS TO
ASME 18.1.5 2014

APPROVAL STATUS:
APPROVED
APPROVED AS NOTED
REVISE AND RESUBMIT

SIGNATURE

	NAME	DATE
CREATED	KSB	5/16/2023
REVISED	JCE	5/16/2023

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PROHIBITED.

PROJECT NAME

Jensen

PROJECT LOCATION

Gulfside Elevator

COMMENTS:

Approval Drawing

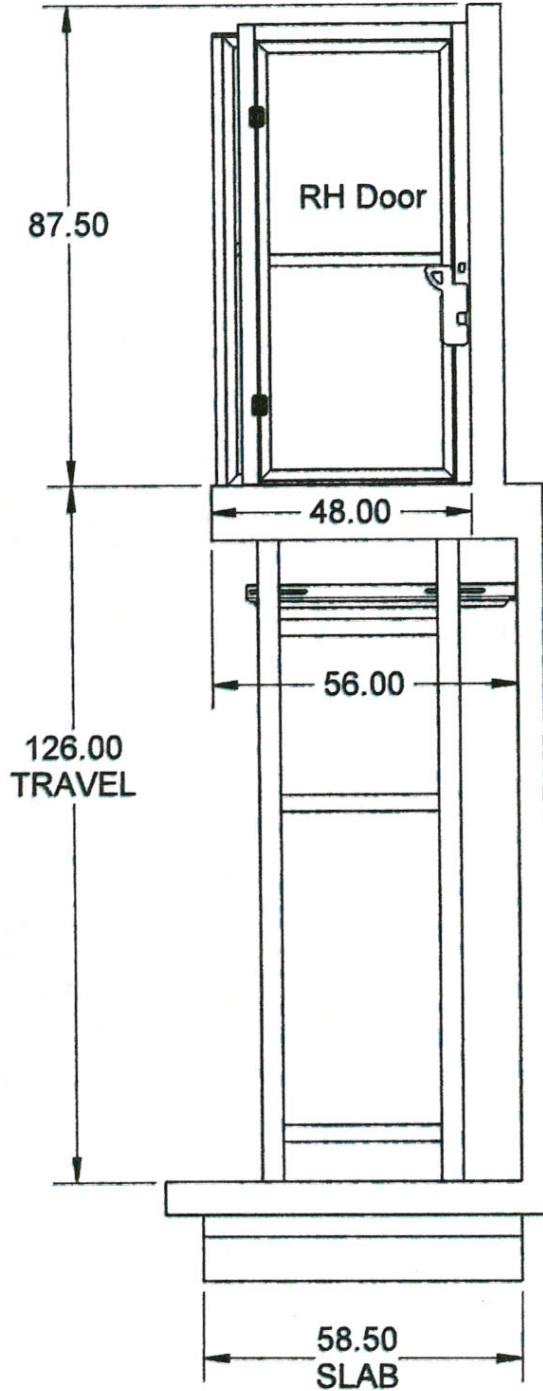
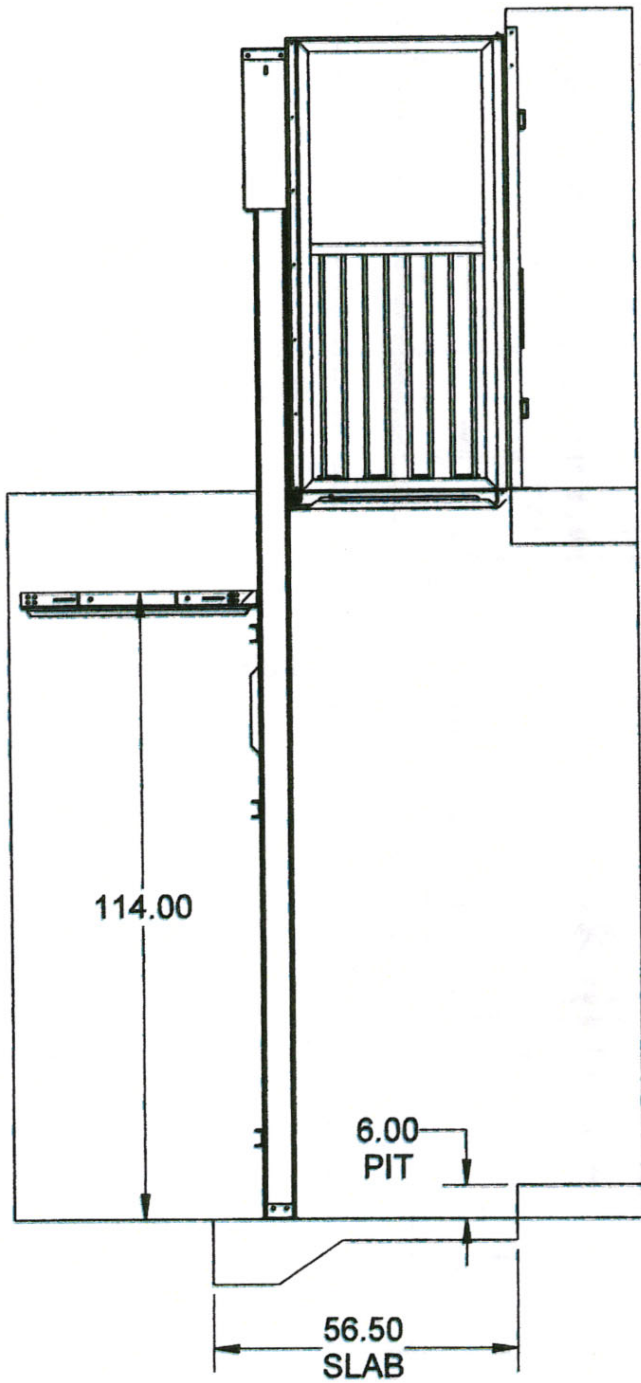
SIZE DWG. NO. 11820230

SCALE 1:16

SHEET 4 OF 4

A

B



THE OUTDOOR ELEVATOR
CONFORMS TO
ASME 18.1.5 2014

APPROVAL STATUS:

- APPROVED
- APPROVED AS NOTED
- REVISE AND RESUBMIT

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Jensen

PROJECT LOCATION

Gulfside Elevator

COMMENTS:

Approval Drawing

SIZE DWG. NO.

A

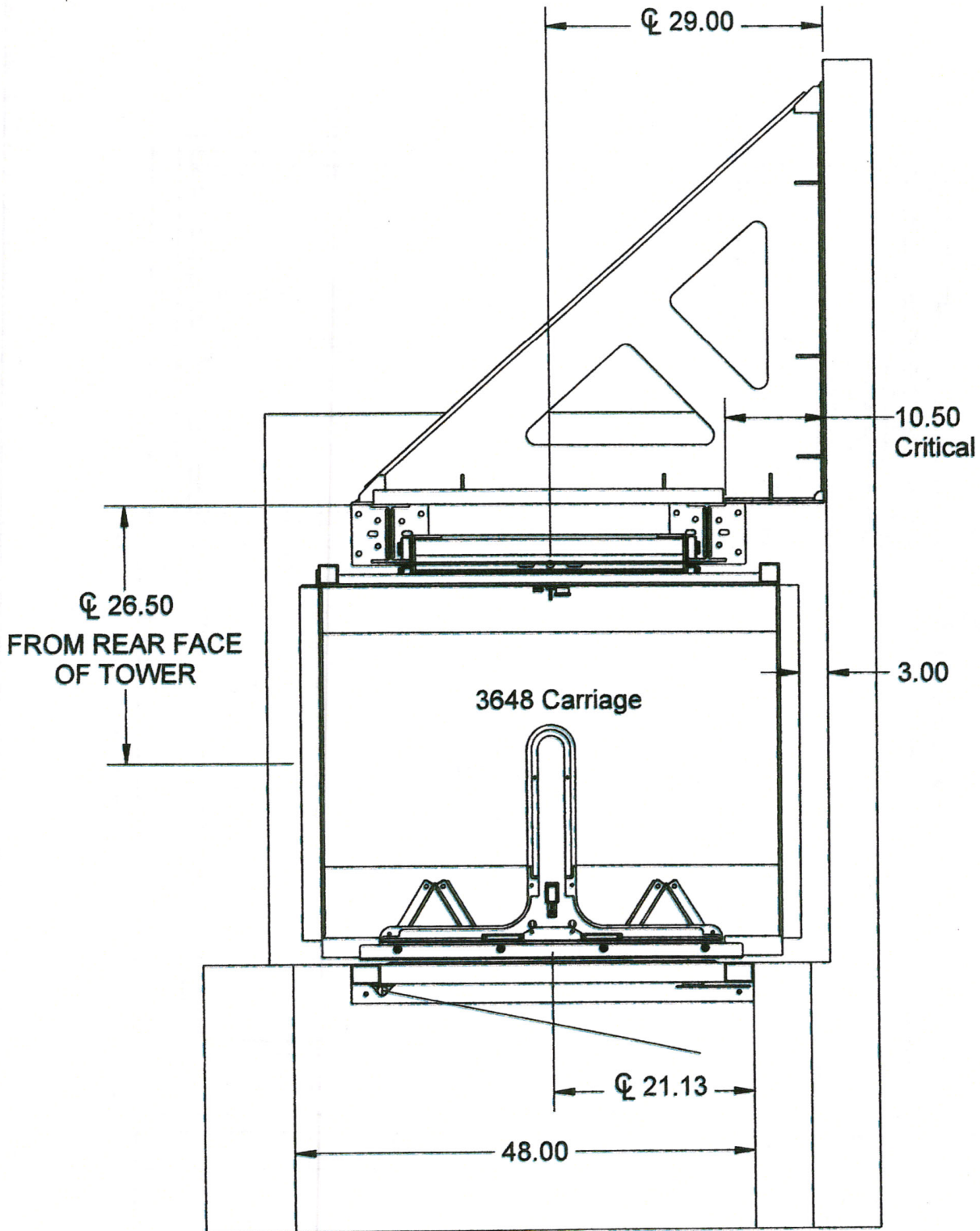
11820230

REV.
B

SCALE 1:16

SHEET 3 OF 4

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THE OUTDOOR ELEVATOR
CONFORMS TO
ASME 18.1.5 2014

APPROVAL STATUS:

- APPROVED
- APPROVED AS NOTED
- REVISE AND RESUBMIT

SIGNATURE

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REVISED	JCE	5/16/2023

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PROJECT NAME

Jensen

PROJECT LOCATION

Gulfside Elevator

COMMENTS:

Approval Drawing

SIZE DWG. NO.

A

11820230

REV.

B

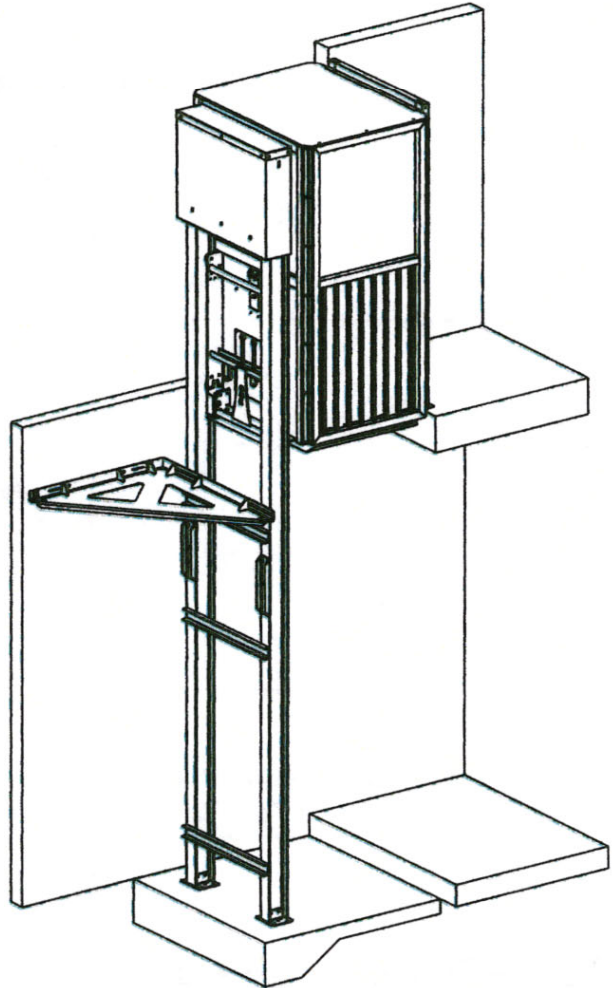
SCALE 1:16

SHEET 2 OF 4

The Outdoor Elevator

MODEL	ODE-500
CAPACITY	500 LBS
SPEED	25 FPM (Nominal)
DRIVE	OVERHEAD WINDING DRUM GEAR MOTOR
SUSPENSION MEANS	2X AIRCRAFT GRADE STAINLESS STEEL CABLES 1/4" IN DIAMETER
SAFETIES	INSTANTANEOUS TYPE "A" SLACK CABLE W/UNDER PAN PRESSURE PLATE
DOOR LOCKS	HONEYWELL RELIALIGN ELECTROMECHANICAL INTERLOCKS
OPERATION	PLC, RELAY, VFD MOTOR CONTROLLER, PLUG'N'PLAY FIELD WIRING
ELECTRICAL REQUIREMENTS	DEDICATED 120VAC 20AMP DISCONNECT
CONTROL SYSTEM	PLC, RELAY, VFD MOTOR CONTROLLER, PLUG'N'PLAY FIELD WIRING
CODE	AMSE 18.1.5-2014 PRIVATE RESIDENCE VERTICAL PLATFORM LIFT UNITS OVER 14' OF TRAVEL MAY REQUIRE VARIANCE.

CARRIAGE		
FLOOR TO WALL SQUARE WITHIN .25"		
MODEL	3648 GEN 2-PE	
DESCRIPTION	PICKET LOWER, FULL PLEXI, STARBOARD TOP	
CONFIGURATION	SINGLE OPENING	
GATE/DOOR SWING	INWARD FOLDING GATE	
AUTO RAMP	NO	
ACRYLIC PLEXI	CLEAR	
SAFETY PAN	48 IN	
DOORS AND GATES		
TOP GATE/DOOR	RIGHT HAND	
MIDDLE DOOR	NO	
MIDDLE DOOR EXTENSION	NO	
LOWER DOOR	NO	
LOWER DOOR EXTENSION	NO	
ADDITIONAL DOOR FASCIA	NO	
6IN I-BEAM BASE	NO	
6IN FIXED RAMP	BY OTHERS	
WIRING		
	STANDARD INCLUDED	ADDITIONAL QTY IN 10FT LENGTHS
MOTOR WIRE	23.00FT	
TRAVELING CABLE	29.00ft	
DOOR & GATE CABLE	20.00ft	
FINISHES AND OPTIONS		
FINISH	PC-GLOSS WHITE	
FLOAT SWITCH	YES	
BATTERY LOWERING	YES	
MANTALOCK + LED	YES	
CALL/SEND STATION	1	
ADDITIONAL DOOR LOCK	NO	
TOWER		
SUPPORT	TRIANGLE	
LOCATION	RIGHT HAND	
SPLICES	1	
FASCIA TYPE	EXPANDED	
FASCIA SIZE	(1) 78 IN, (1) 74 IN, (1) 32 IN	
TOWER ON PALLET		
MOTOR		
NORD	RH-200	



JOB ELEVATION	
NUMBER OF LANDINGS	2
CLEAR OVERHEAD	87.50
TRAVEL FROM 1ST-2ND	126.00
HEIGHT TO 1ST LOWEST EAVE	116.00
TRAVEL FROM 2ND-3RD	
HEIGHT TO END LOWEST EAVE	
PIT DEPTH	6.00



**THE OUTDOOR ELEVATOR
CONFORMS TO
ASME 18.1.5 2014**

APPROVAL STATUS:

- APPROVED
- APPROVED AS NOTED
- REVISE AND RESUBMIT

SIGNATURE: Steve Jensen
Steve Jensen (May 16, 2023 14:58 EDT)

	NAME	DATE
CREATED	KSB	5/16/2023
REVISED	JCE	5/16/2023

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PROJECT NAME	Jensen
PROJECT LOCATION	Gulfside Elevator
COMMENTS:	Approval Drawing
SIZE	DWG. NO. 11820230
SCALE	1:16
REV.	B

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COPY OF RECORD

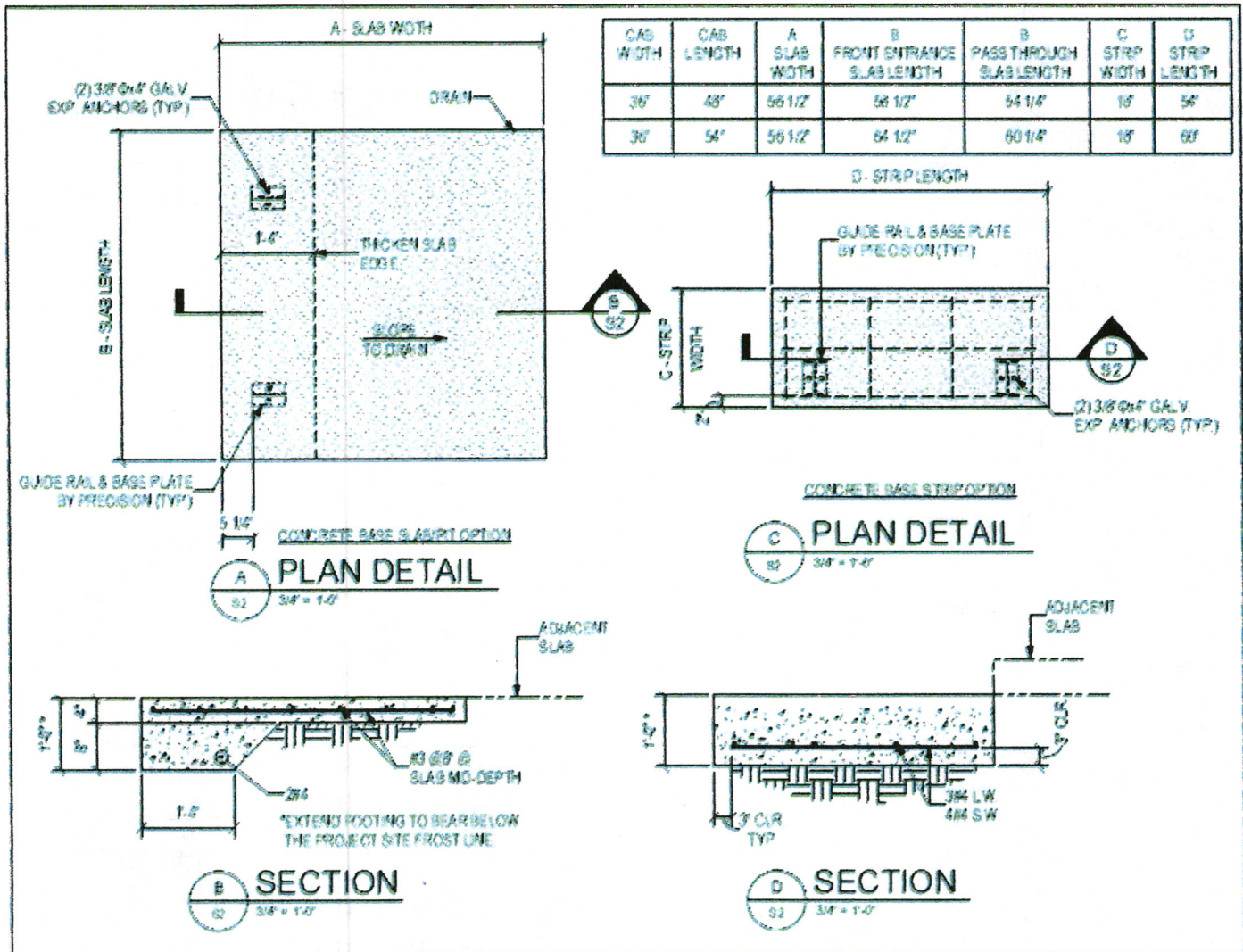


PRECISION LIFT INDUSTRIES LLC

Phone: 877-770-5862

www.PrecisionLiftIndustries.com

Pit/Concrete Specifications:



PLI PLANNING
 877-770-5862
 www.PrecisionLiftIndustries.com





PRECISION LIFT
INDUSTRIES LLC

Phone: 877-770-5862

www.PrecisionLiftIndustries.com

Pit/Concrete:

A reinforced concrete pit must be provided at the bottom landing. We recommend a 6" pit depth (4.5" is the minimum). For application without a pit, a 6" Non-ADA ramp can be provided with an I-beam door base. You can also select the I-beam door base separately if ramp will be provided BY OTHERS. When an I-beam door base is used, subtract 6" from the door chart range found on the previous page. The dimensions of the pit must meet the below table based on the size of the carriage desired.

- THIS STRUCTURAL DESIGN IS BASED UPON THE ASSUMPTION THAT THE EXISTING STRUCTURE IS IN GOOD CONDITION AND THAT THAT THE EXISTING STRUCTURE HAS THE CAPACITY TO RESIST PROJECT DESIGN LOADS NOTED ON THESE DRAWINGS. IF THE STRUCTURE HAS OR DEVELOPS WOOD ROT, THE ELEVATOR WILL BECOME UNSAFE
- ATTACHMENT INTO THE EXISTING STRUCTURE SHALL BE PROPERLY WATERPROOFED. WATERPROOFING SYSTEMS ARE BY OTHERS. CHECK WITH YOUR LOCAL JURISDICTION FOR REQUIREMENTS.
- ALL CONCRETE SHALL BE A NORAML WEIGHT AND HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4000PSI.
- FOUNDATIONS HAVE BEEN DESIGNED FOR AN ALLOWABLE SOIL BEARING PRESSURE OF 1500PSF.
- THE SOILS IMMEDIATELY BENEATH ALL FOUNDATIONS SHALL BE COMPACTED FOR A MINIMUM DPETH OF 12 INCHES TO A MINIMUM OF 95% OF THE SOILS MAXIMUM DENSITY AS DETERMINED BY THE MODIFIED PROCTOR TEST ASTM D1557 USING A LARGE TAMPER



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3/2020
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PRECISION LIFT
INDUSTRIES, LLC

Phone: 877-770-5862

www.PrecisionLiftIndustries.com

Electrical Requirements:

THE CONTROLLER COMES EQUIPPED WITH A 120VAC PLUG/PIGTAIL & REQUIRES A DEDICATED NON GFCI CIRCUIT, 120VAC, 20AMP OUTLET WITHIN SIGHT OF THE LIFT. FOR JURISDICTIONS WHICH REQUIRE THE CONTROLLER TO BE HARDWIRED, CUT CORD END AND HARD WIRE INTO APPROPRIATE DISCONNECTING MEANS. CORD MAY ALSO BE REMOVED AND REPLACED WITH APPROPRIATE WIRE SUPPLIED BY OTHERS.

THE VVFD VARIABLE FREQUENCY DRIVE PROVIDES THE GROUND FAULT CIRCUIT INTERRUPTION (GFCI) FOR THE EQUIPMENT AND WILL NOT RUN ON A GFCI PROTECTED SUPPLY CIRCUIT.

Work by others:

- Removal / installation of existing handrail at second floor.
- Removal or modification of existing screens or awnings.
- Provide a 120VAC means of disconnect at desired controller location to the above requirements.
- Provide a concrete pit that meets the minimum requirements.