

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

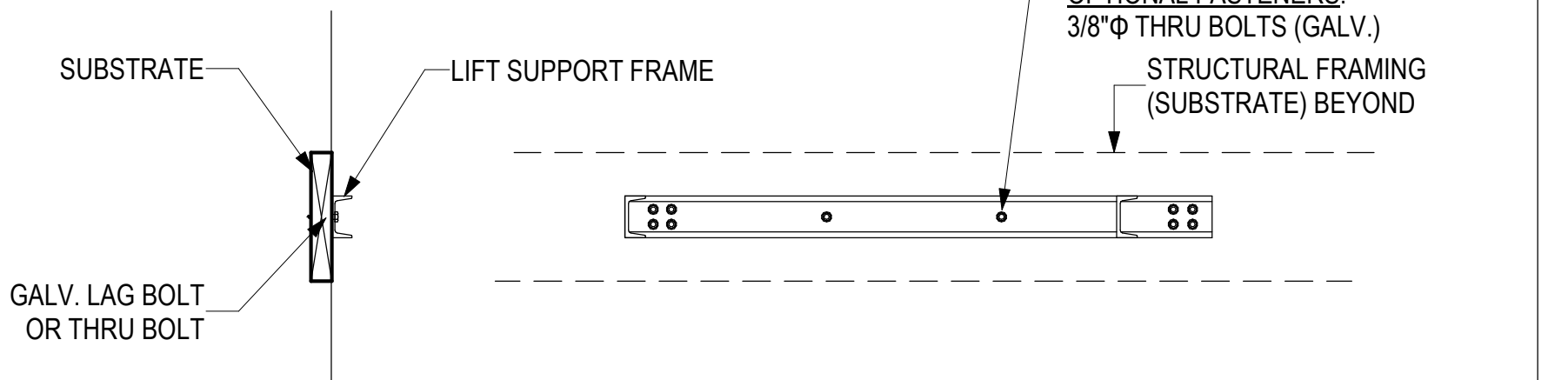
SUBSTRATE	FASTENER PENETRATION	NUMBER OF FASTENERS
(1) 2x	1 1/2"	10 (5 EA. RAIL)
(2) 2x	3"	8 (4 EA. RAIL)
CONCRETE**	3 1/4"	10 (5 EA. RAIL)

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

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

**A**  
S1  
3/4" = 1'-0"

## FRAMING PLAN



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.

**B**  
S1  
1" = 1'-0"

## ELEVATION

**DESIGN CRITERIA:**

REFERENCE CODES:

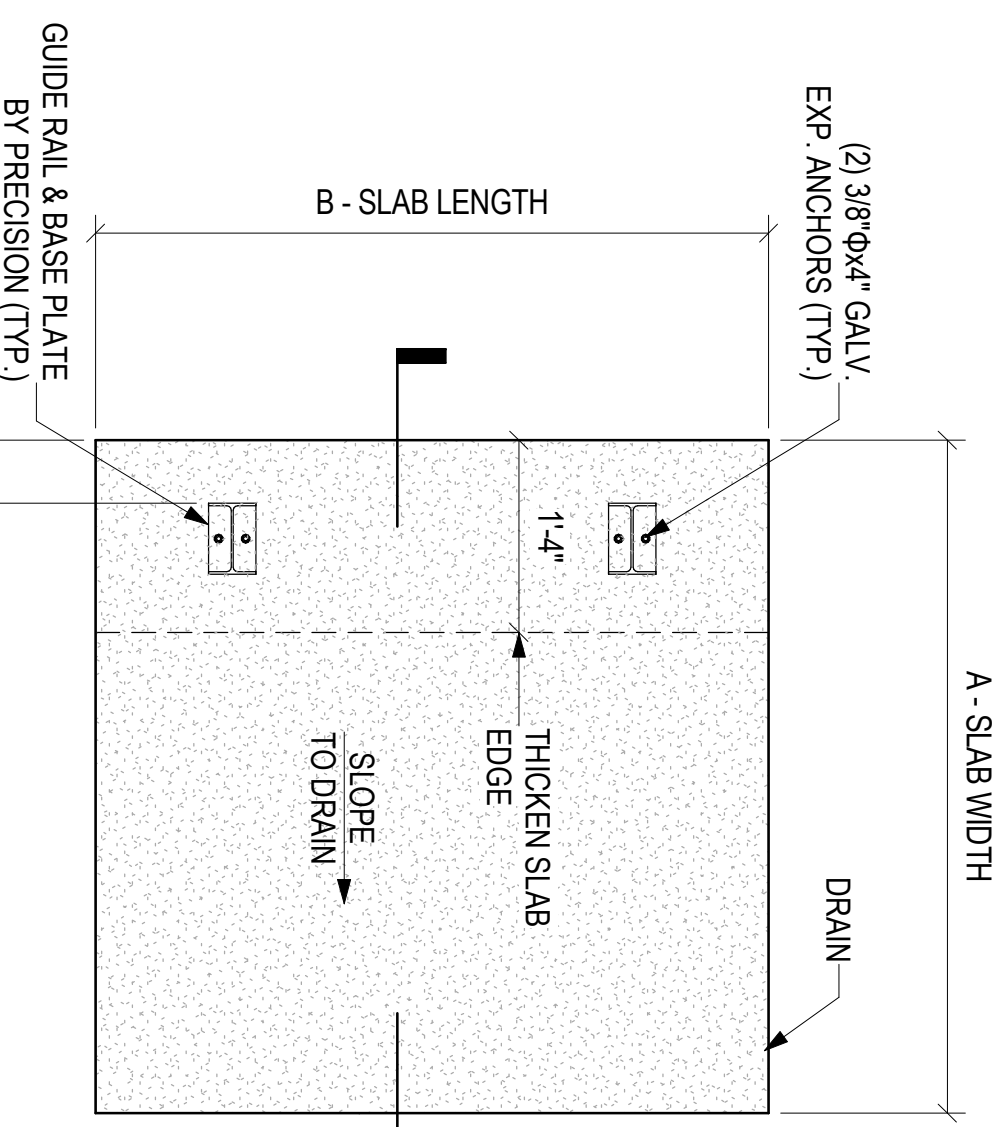
DESIGN WIND SPEED:

FLORIDA BUILDING CODE, 2017  
 ASCE 7-10  
 180 MPH

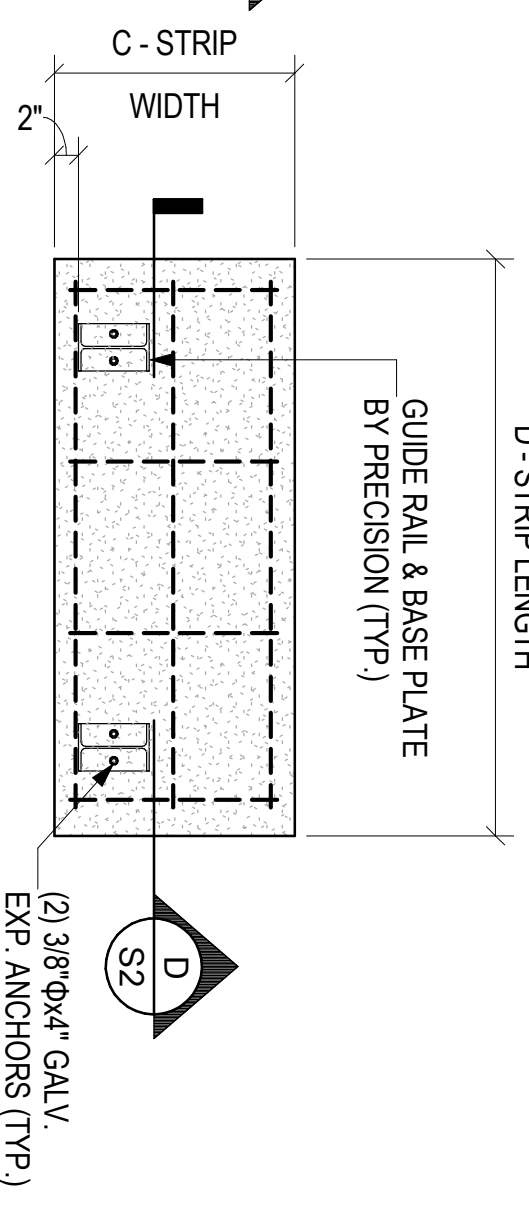
**S1**

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

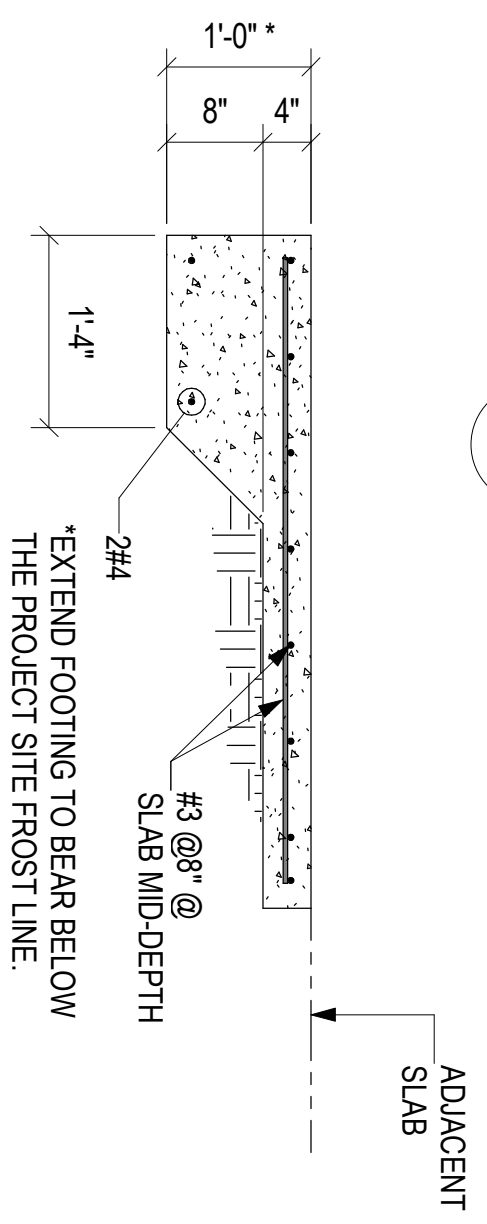
CAB WIDTH	CAB LENGTH	A SLAB WIDTH	B FRONT ENTRANCE SLAB LENGTH	B PASS THROUGH SLAB LENGTH	C STRIP WIDTH	D STRIP LENGTH
36"	48"	56 1/2"	58 1/2"	54 1/4"	18"	54"
36"	54"	56 1/2"	64 1/2"	60 1/4"	18"	60"



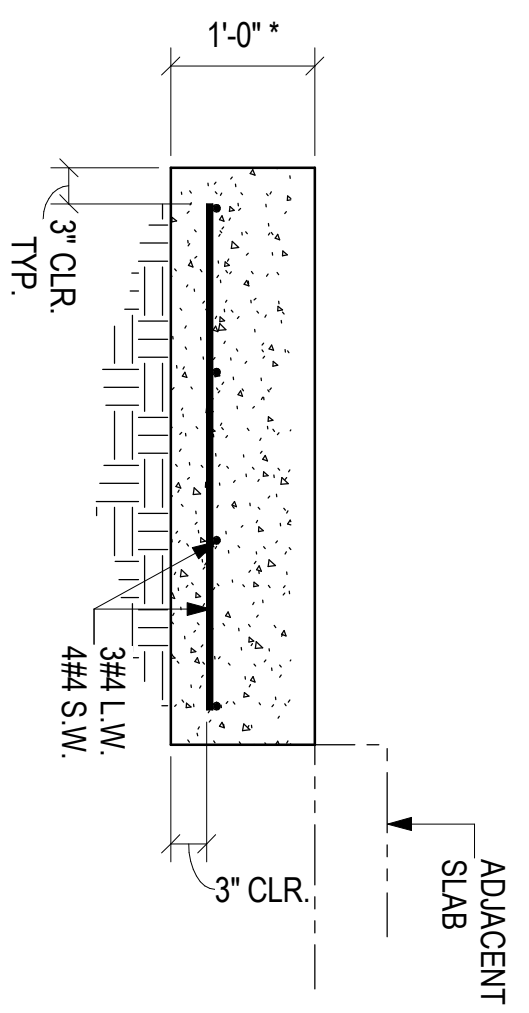
**A**  
PLAN DETAIL  
CONCRETE BASE SLAB/PIT OPTION  
S2 3/4" = 1'-0"



**C**  
PLAN DETAIL  
CONCRETE BASE STRIP OPTION  
S2 3/4" = 1'-0"



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



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

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

**S2**

NOTES:

1. THESE DRAWINGS ADDRESS ONLY THE STRUCTURAL DESIGN OF THE STRUCTURE. THE DIMENSIONAL LAYOUT OF THE STRUCTURE HAS BEEN DICTATED TO JOE DEREUIL ASSOCIATES IN ORDER TO PRODUCE STRUCTURAL DESIGN DOCUMENTS. NO REPRESENTATION IS MADE REGARDING CODE CONFORMANCE OF NON-STRUCTURAL ASPECTS OF THE STRUCTURE.
2. THIS STRUCTURAL DESIGN IS BASED UPON THE ASSUMPTION THAT THE EXISTING STRUCTURE IS IN GOOD CONDITION AND 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 ELVATOR WILL BECOME UNSAFE.
3. ATTACHMENTS INTO THE EXISTING STRUCTURE SHALL BE PROPERLY WATERPROOFED. WATERPROOFING SYSTEMS ARE BY OTHERS.
4. ALL CONCRETE SHALL BE NORMAL WEIGHT AND HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4000 PSI.
5. FOUNDATIONS HAVE BEEN DESIGNED FOR AN ALLOWABLE SOIL BEARING PRESSURE OF 1500 PSF.
6. THE SOILS IMMEDIATELY BENEATH ALL FOUNDATIONS SHALL BE COMPACTED FOR A MINIMUM DEPTH OF 12 INCHES TO A MINIMUM OF 95% OF THE SOIL'S MAXIMUM DENSITY AS DETERMINED BY THE MODIFIED PROCTOR TEST ASTM D1557 USING A LARGE TAMPER.

**S3**

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

PROJECT: