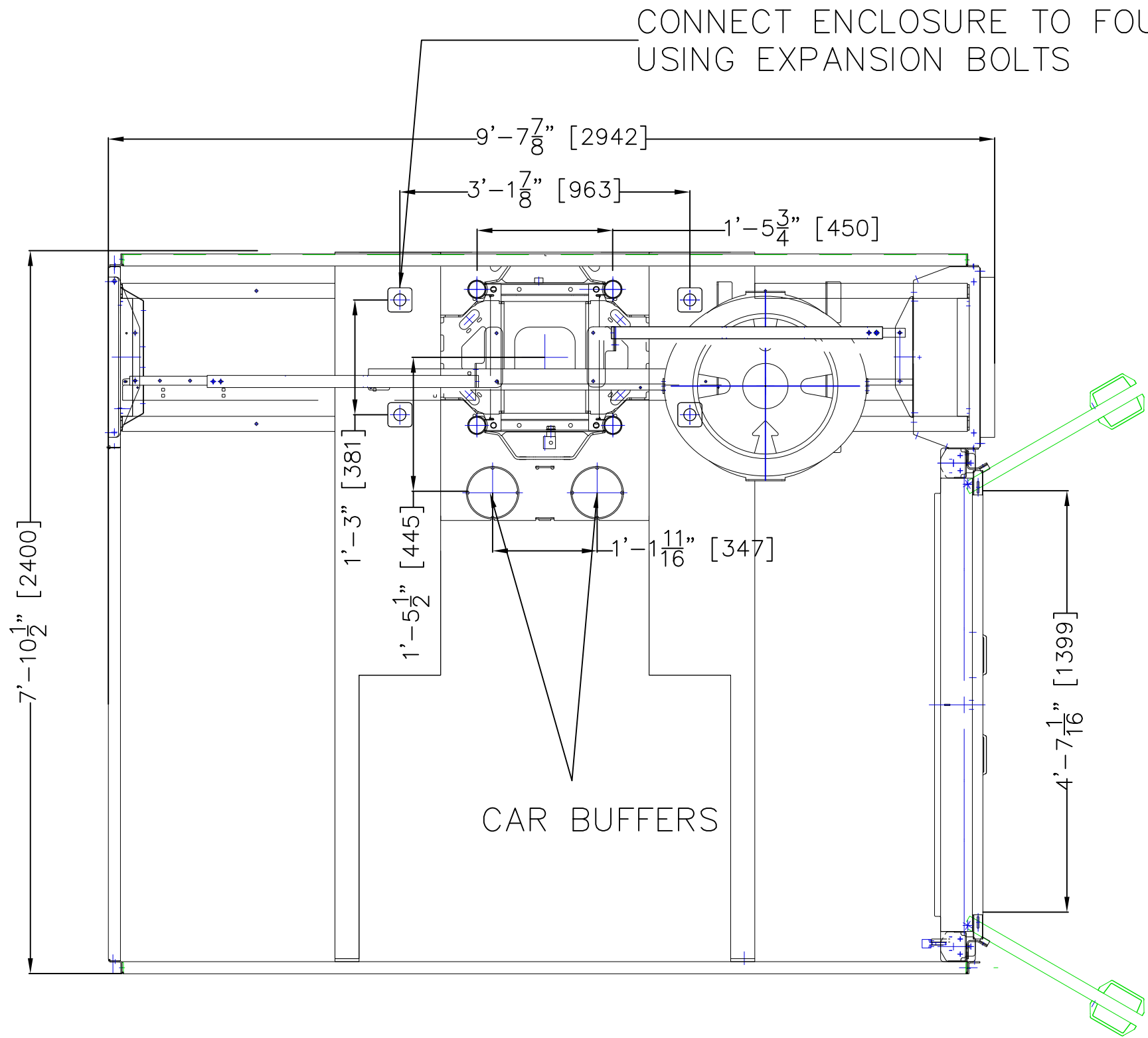
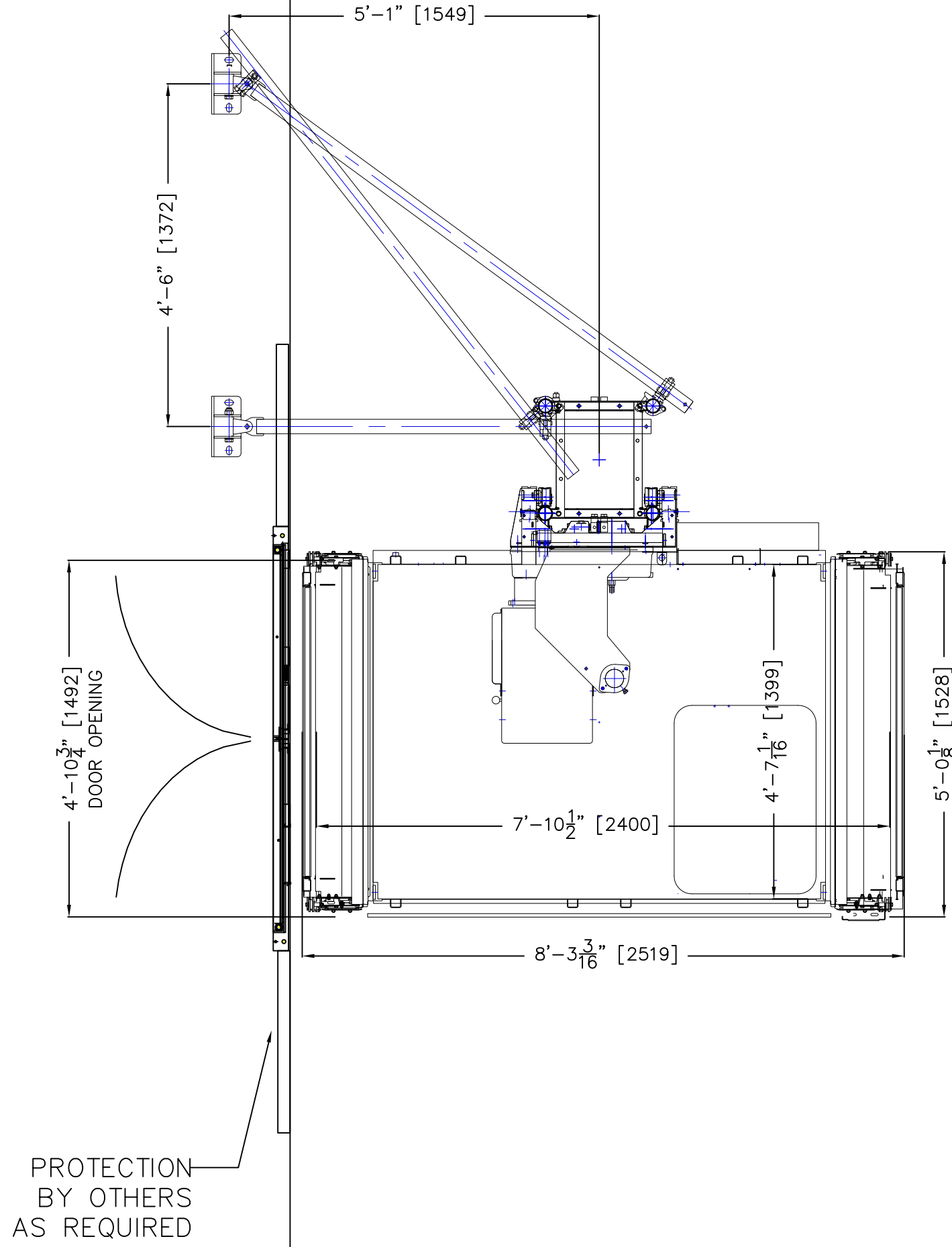


ELEVATION VIEW



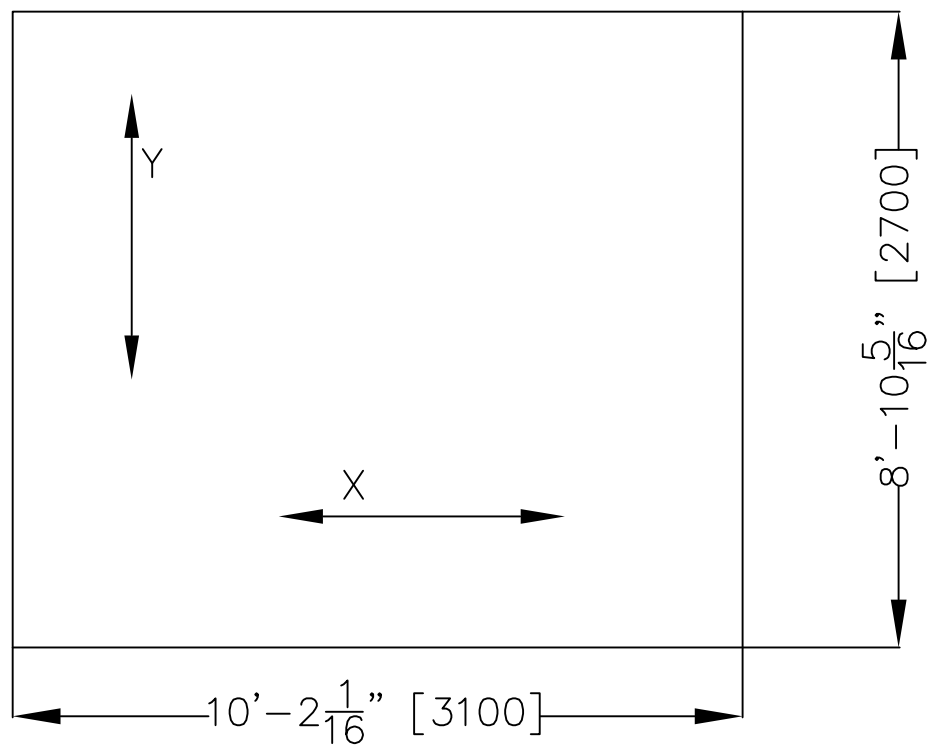
PLAN AT BASE

MINIMUM FOUNDATION  
REINFORCEMENT REQUIREMENTS

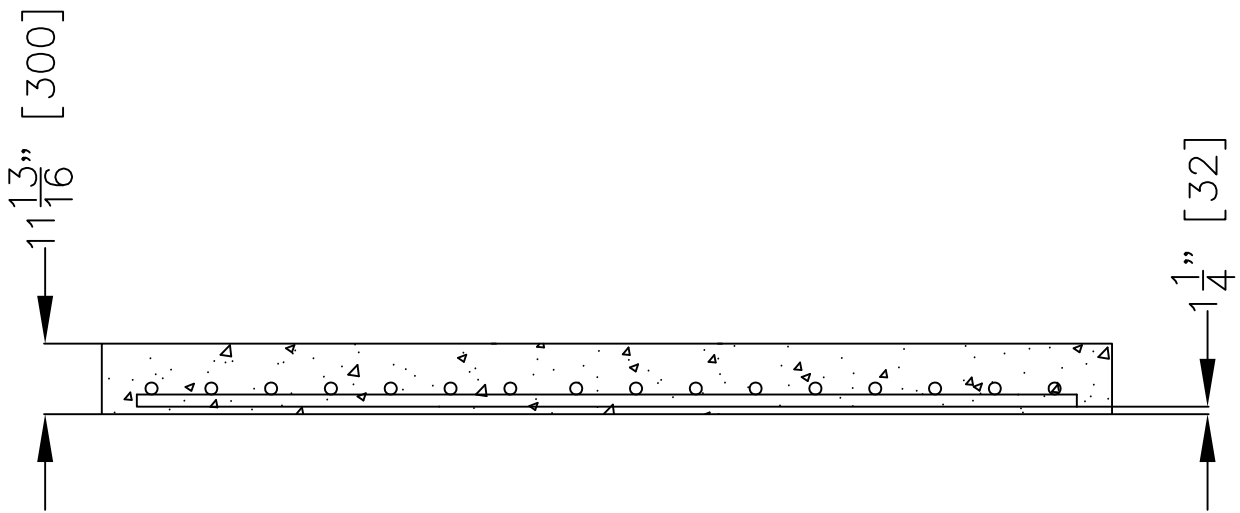
$\frac{X - X}{}$   
#5 REBAR AT 12" C/C

$\frac{Y - Y}{}$   
#5 REBAR AT 12" C/C

3625 PSI CONCRETE

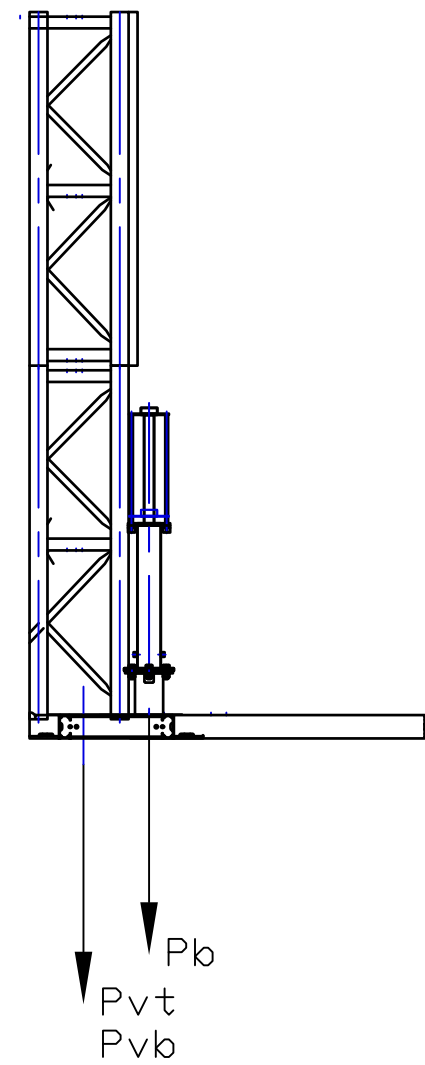


FOUNDATION PLAN VIEW



FOUNDATION SIDE VIEW

NOTE: VALID FOR MAST HEIGHTS UP TO 500'



LOAD CASE 1  
NORMAL OPERATION  
P<sub>vt</sub> = TBD

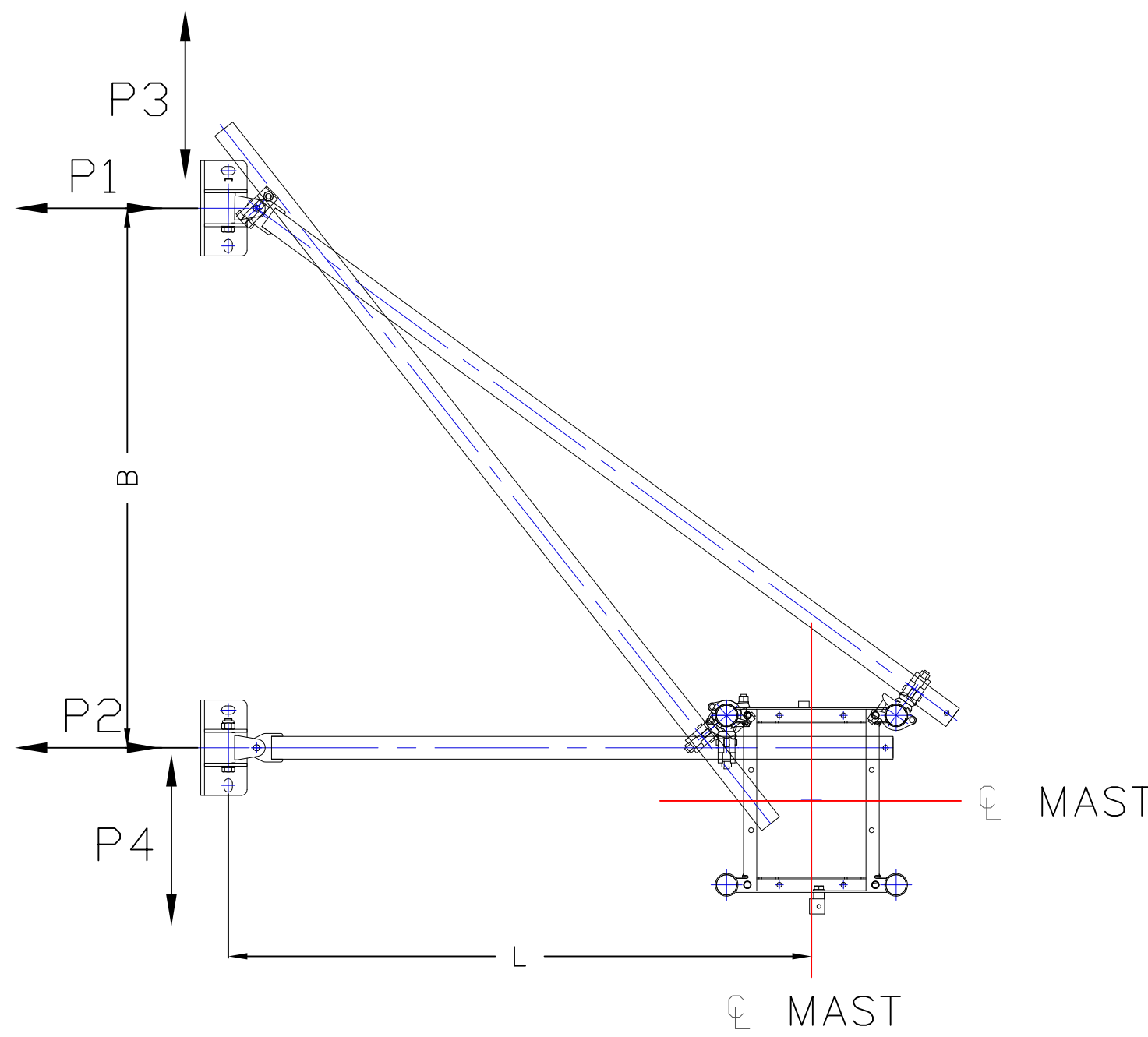
TOTAL LOAD = TBD KIPS

LOAD CASE 2  
BUFFER IMPACT  
P<sub>b</sub> = TBD KIPS  
P<sub>vb</sub> = TBD KIPS

MAX LOAD = TBD KIPS

CASE 1: TOTAL LOAD ON BASE FRAME FROM WEIGHT OF MAST,  
CAR, AND INCLUDING DYNAMIC FACTOR  
CASE 2: MAXIMUM LOAD ON BASE FRAME FROM CAR(S) STRIKING  
THE BUFFER(S). P<sub>vb</sub> IS UPLIFT ON MAST WITH IMPACT.

CASE 1 AND CASE 2 DO NOT OCCUR SIMULTANEOUSLY  
BASED ON MAST HEIGHT OF TBD



MAXIMUM ANCHOR FORCES  
P1 = SEE MANUAL  
P2 = SEE MANUAL  
P3 = SEE MANUAL  
P4 = SEE MANUAL

SECTION A-A

MACHINE TECHNICAL DATA SPECS	
MACHINE TYPE	ALIMAK SCANDO 450
CONFIGURATION	SINGLE
LENGTH	7'-10 1/2"
LIFTING HEIGHT	VARIES
CAPACITY	3300 POUNDS
RATED SPEED	125 FT/MIN.
MOTORPACK TYPE	DOL
NUMBER OF MOTORS	2 x 7.5kW
POWER SUPPLY REQUIREMENTS (PER CAR)	
VOLTAGE	480V, 3 PHASE
BREAKER SIZE	50A
FREQUENCY	60 HZ
STARTING CURRENT	207A
POWER CONSUMPTION	33 kVA

COMPONENT WEIGHTS	
BASE UNIT	4442 LBS
CAR WITH DOORS	2760 LBS
MOTORPACK (DOL)	11090 LBS
MAST SECTION (SINGLE)	155 LBS

PROJECT NOTES	IMPORTANT
<ol style="list-style-type: none"><li>TIE IN LOADS SHOWN WERE CALCULATED BASED ON ASCE 7-05 FOR WIND AND SEISMIC ACTIVITY; EXPOSURE C. MAXIMUM IN SERVICE WIND SPEED OF 40 MPH AND MAXIMUM OUT OF SERVICE WIND SPEED OF 100 MPH.</li><li>CONCRETE EXPANSION ANCHORS THAT FAIL TO MEET THE REQUIREMENTS OF EITHER MINIMUM EMBEDMENT OR SET TENSIONING SHALL BE REMOVED AND NEW ANCHORS INSTALLED HAVING A DEEPER EMBEDMENT OR LARGER DIAMETER WHERE POSSIBLE.</li><li>ABANDONED EXPANSION BOLT HOLES ARE TO BE FILLED WITH 5000 PSI NON-SHRINK GROUT.</li><li>ALL MAST BOLTS AND HARDWARE SCREWS TO HAVE LOCKNUTS.</li><li>ERECTOR NOTE - ON SITE CONDITIONS SHALL GOVERN. VARIATIONS TO BE REPORTED TO ALIMAK HEK PRIOR TO CONTINUATION OF WORK.</li><li>ERECTOR TO MAKE USE OF PLUMB BOBS, DROP LINES, LASERS, SPIRIT LEVELS AND SIMILAR TOOLS TO INSURE DIMENSIONAL ACURACY.</li><li>MODIFICATIONS OF FURNISHED MAST TIE INS NOT ALLOWED WITHOUT PRIOR APPROVAL OF ALIMAK HEK.</li><li>ADEQUATE FOUNDATION TO SUPPORT FOOTPRINT AS SHOWN IN PLAN AT BOTTOM LANDING. SEE DATA ON THIS DRAWING FOR FOUNDATION FORCES. HOIST SUPPORT PLATFORM BY OTHERS. HOIST LANDING PLATFORM BY OTHERS.</li><li>ADEQUATE SUPPORT FOR GUIDEMAST FASTENING PER TIE IN SCHEDULE. SEE DATA ON DRAWING FOR GUIDEMAST FORCES.</li><li>ENGINEER OF RECORD TO VERIFY STRUCTURE CAN TAKE TIE-IN FORCES.</li></ol>	

