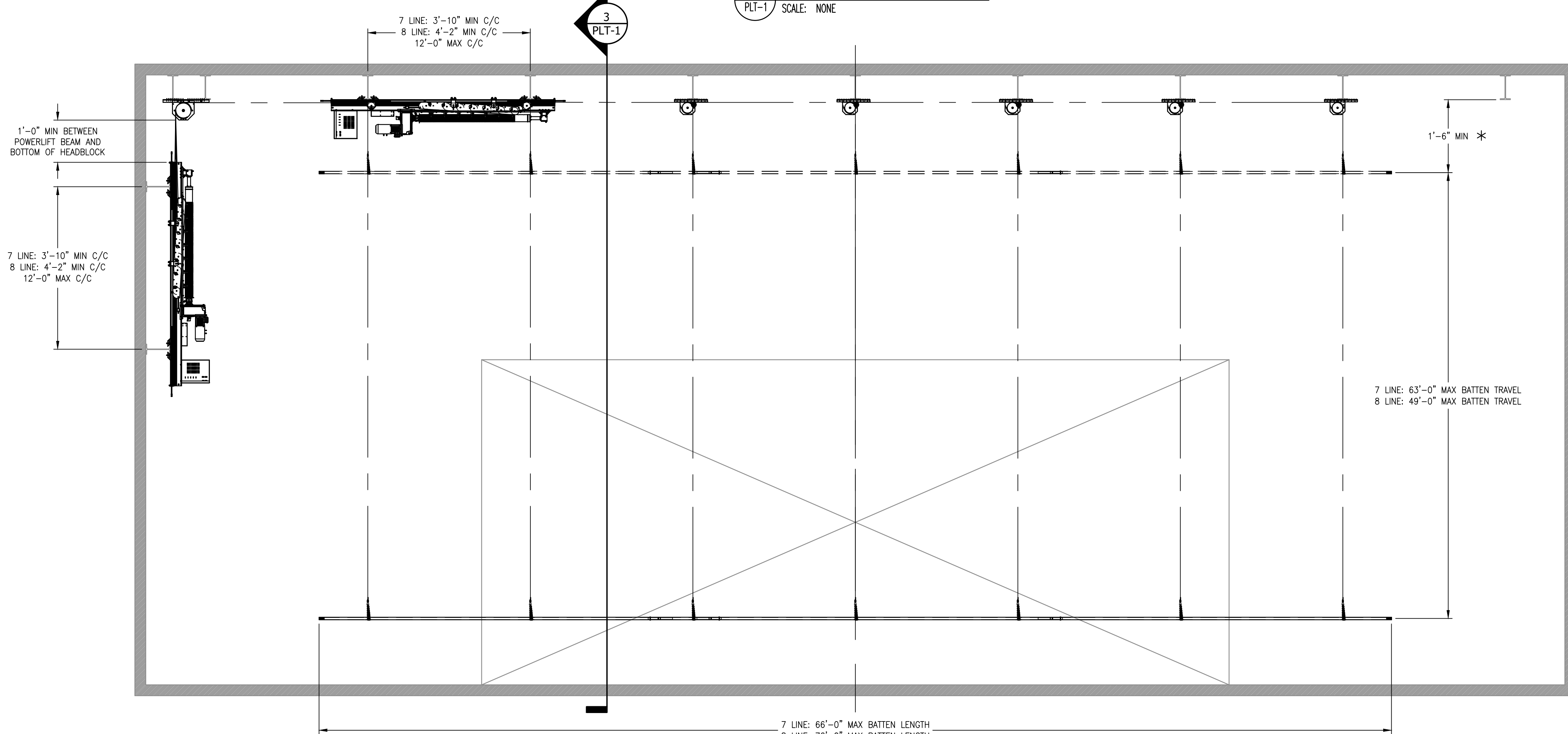
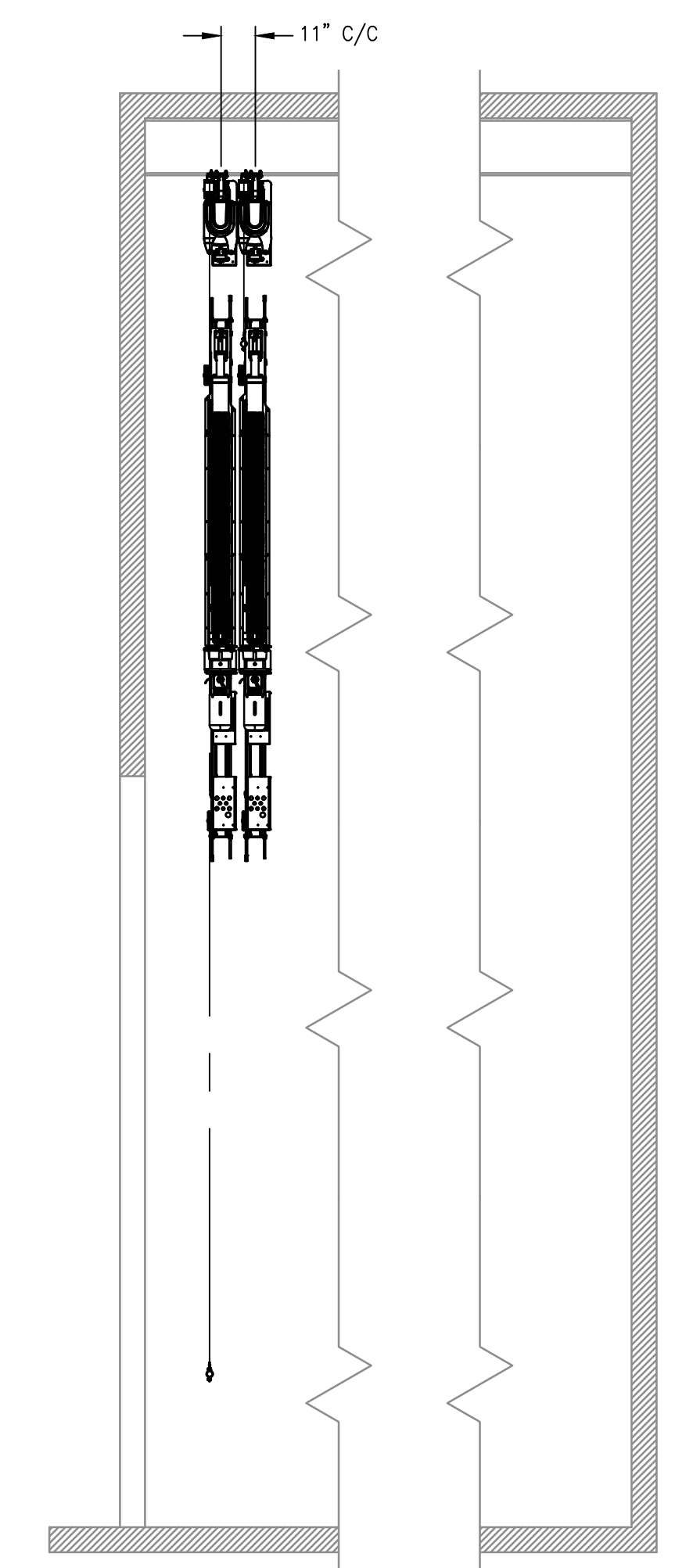


2 POWERLIFT SYSTEM PLAN
PLT-1 SCALE: NONE

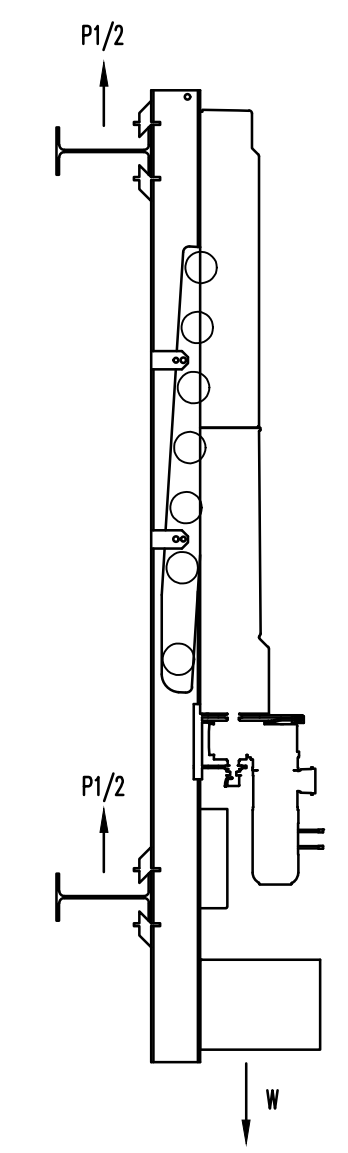
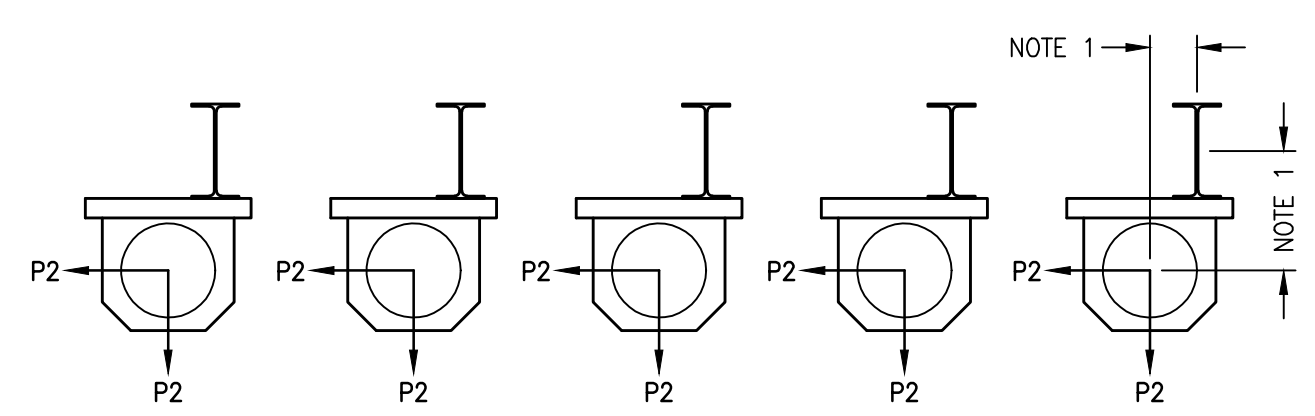
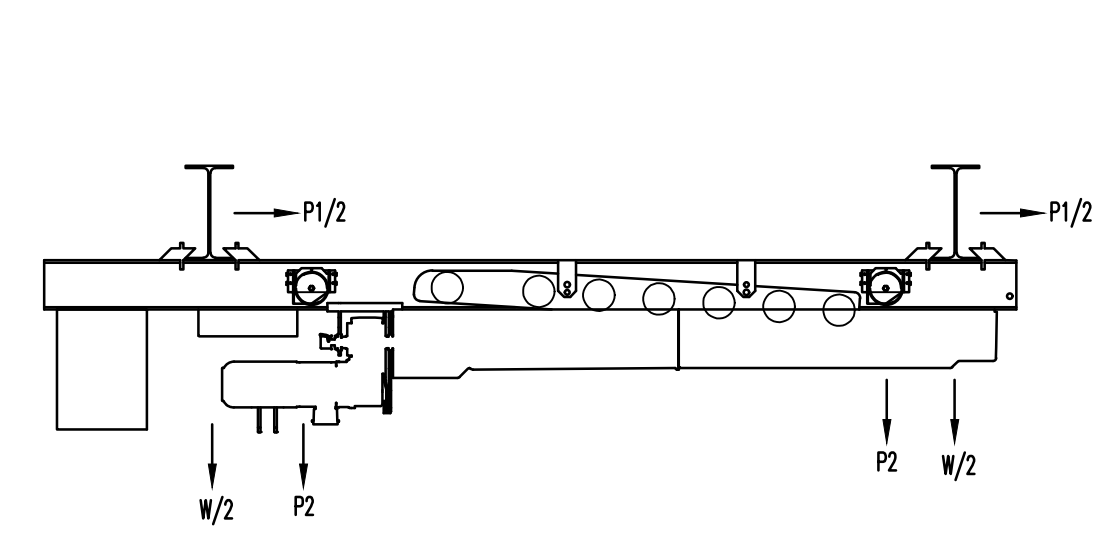
TABLE 1			
PART NUMBER	SPEED (FT/MIN [M/SEC])	SET CAPACITY (LBS [KG])	HOIST WEIGHT (LBS [KG])
018-P0225F	20 [0.1]	2500 [1133]	670 [304]
018-P0225V	0-20 [0-0.1]	2500 [1133]	670 [304]
018-P1212V	0-120 [0-0.6]	1200 [544]	650 [295]
018-P1217V	0-120 [0-0.6]	1750 [793]	710 [322]
018-P1225V	0-120 [0-0.6]	2500 [1133]	800 [363]
018-P1812V	0-180 [0-0.9]	1200 [544]	710 [322]
018-P1817V	0-180 [0-0.9]	1750 [793]	750 [340]



1 POWERLIFT SYSTEM ELEVATION
PLT-1 SCALE: NONE



3 POWERLIFT SYSTEM SECTION
PLT-1 SCALE: NONE



5 TYPICAL RIGGING LOADS
PLT-1 SCALE: NONE

- LOADING NOTES:
 P1 (HEAD BLOCK LINE LOAD) = SET CAPACITY (TABLE 1)
 P2 (LOFT BLOCK LINE LOAD) = 0 TO 500 LB
 W (POWERLIFT WEIGHT) = SEE TABLE 1
- ALL BLOCK LOADS ACT AT THE BLOCK SHAFT. THE HORIZONTAL AND VERTICAL OFFSET BETWEEN THE BLOCK SHAFT AND SUPPORTING BEAM CENTROID MAY RESULT IN TORSIONAL LOADS ON BEAM.
 - SET CAPACITY = SEE TABLE 1
 - LIVE LOAD CAPACITY = SET CAPACITY - BATTEN WEIGHT
 - TOTAL LINE LOAD ON ALL LOFT BLOCKS NOT TO EXCEED SET CAPACITY.
 - LINE LOAD ON EACH LOFT BLOCK NOT TO EXCEED LOFT BLOCK CAPACITY (P2).
 - THE TOTAL HOIST CAPACITY MAY NOT BE EQUALLY SHARED BETWEEN BEAMS. THIS WILL BE DEPENDENT UPON A VARIETY OF FACTORS SUCH AS INSTALLATION METHODS, INDIVIDUAL BEAM FLEXIBILITY, ROOF BRACING, ETC.

- LOADING NOTES:
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MOUNTING HOIST ABOVE
 * BATTEN MAY INCREASE
 MINIMUM DISTANCE

4 TYPICAL RIGGING LOADS
PLT-1 SCALE: NONE

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POWERLIFT SYSTEM ELEVATION

TITLE: AS NOTED FILE NAME: PLT-1.dxf

SCALE: AS NOTED

DRAWN: DWS SHEET NO. PLT-1

DATE: 14MAY21

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