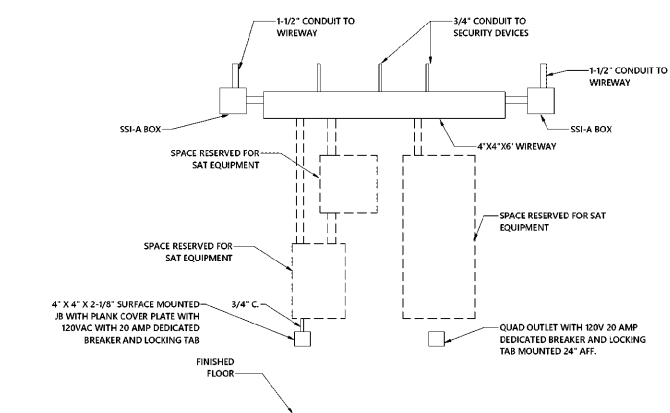


ISSUE DATE	08/24/2020	
PHASE	Bid Set	
#	DATE	REVISION

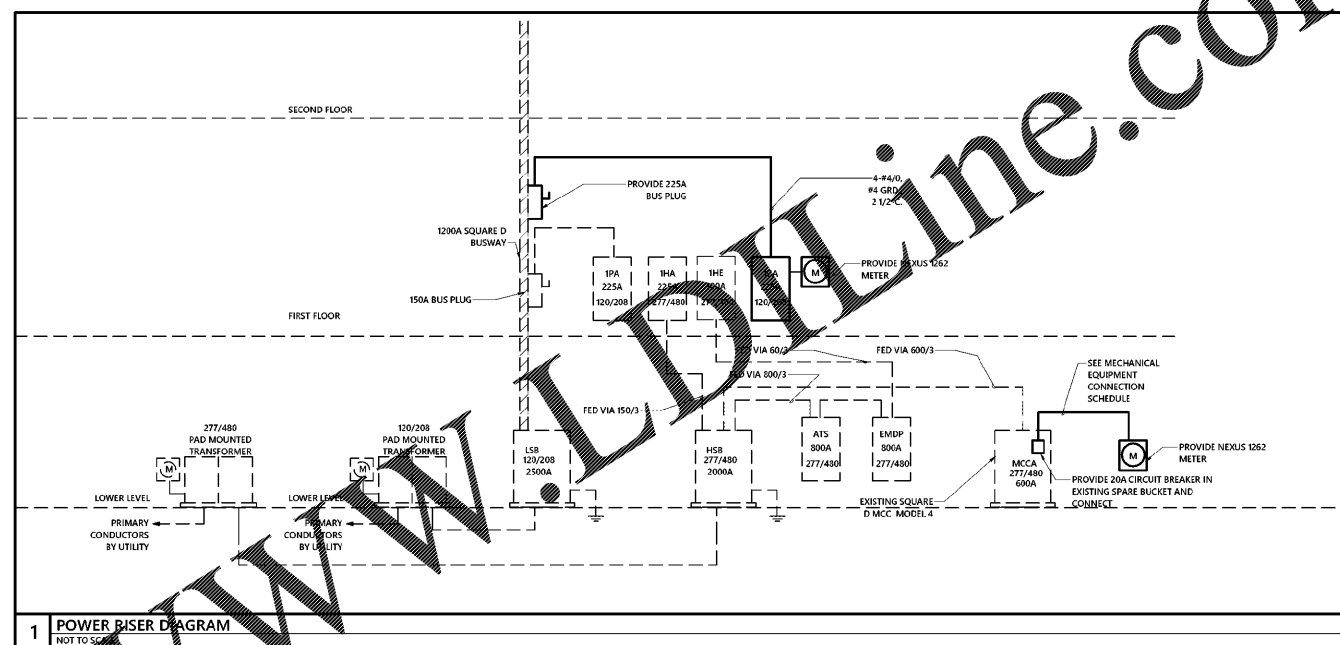
RISER DIAGRAM  
AND PANEL  
SCHEDULES

Order Plans @



- NOTES:
1. DASHED LINES INDICATE ITEMS FURNISHED AND INSTALLED BY SAT.
  2. CONTINUOUS LINES INDICATE ITEMS FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR.
  3. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH SAT PRIOR TO CONSTRUCTION.
  4. PROVIDE 3"X3/4" AC GRADE FIRE RETARDANT PLYWOOD WITH 2 COATS OF WHITE FIRE RETARDANT PAINT.

2 SAT MULTI SECURITY SYSTEM HEADEND DESIGN  
1/8" = 1'-0"



1 POWER RISER DIAGRAM  
NOT TO SCALE

HSB CONNECTED LOADS	
PEAK DEMAND	450.1 KVA
+25% PEAK DEMAND	112.5 KVA
NEW LIGHTS	7.4 KVA
+25% LIGHTS	1.9 KVA
NEW EWH	3.0 KVA
+25% EWH	1.3 KVA
695.5 AMPS @ 480V/3Ø	TOTAL 578.2 KVA

ON EXISTING 2000A BUS  
\*DOES NOT INCLUDE LOADS REMOVED

LSB CONNECTED LOADS	
PEAK DEMAND	101.2 KVA
+25% PEAK DEMAND	25.3 KVA
NEW RECEIPTS	8.8 KVA
CAFE EQUIPMENT	38.3 KVA
HEATERS	3.1 KVA
EXHAUST FAN	0.1 KVA
490.7 AMPS @ 480V/3Ø	TOTAL* 176.8 KVA

ON EXISTING 2500A BUS  
\*DOES NOT INCLUDE LOADS REMOVED

