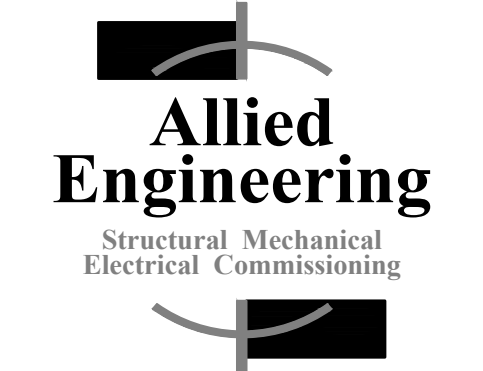




75 York Street,
Portland, Maine 04101
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207.772.4656

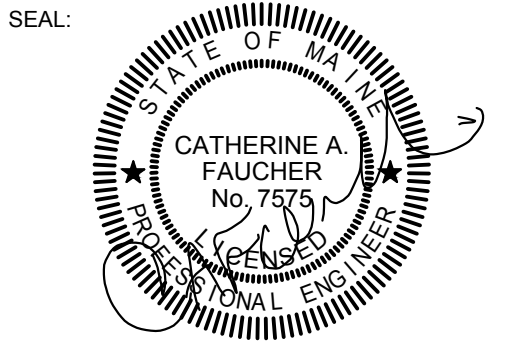


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Allied Project No: 15051
Cad File: 15051E.dwg

PROJECT NAME:
**WAYNFLETE
LOWER SCHOOL**
ADDITION & RENOVATIONS

WAYNFLETE SCHOOL
360 SPRING STREET
PORTLAND, MAINE 04102



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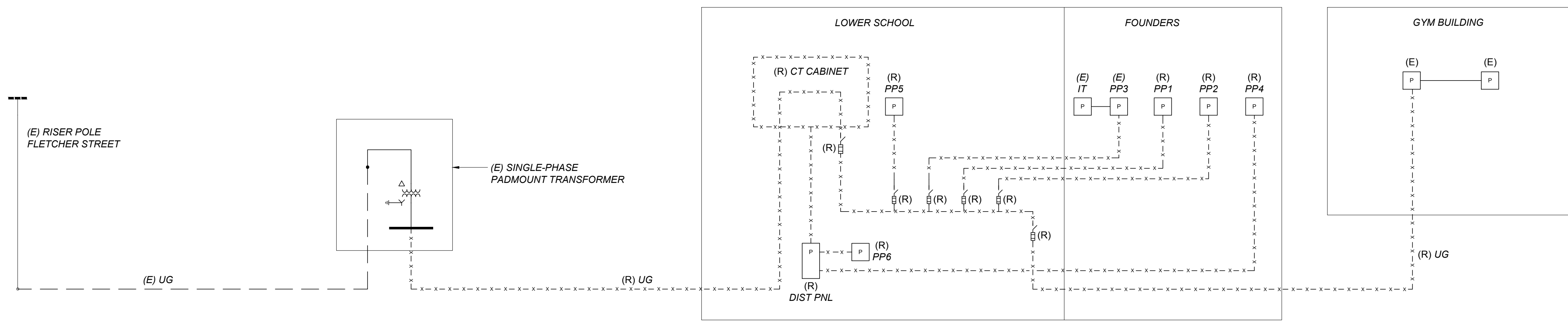
REVISION:

NO.	DATE
1	DATE
2	DATE
3	DATE
4	DATE
5	DATE
6	DATE

DATE OF ISSUE: 12 JANUARY 2017
PROJECT NUMBER: 2013-0050
STATUS: ISSUED FOR BID

POWER RISER

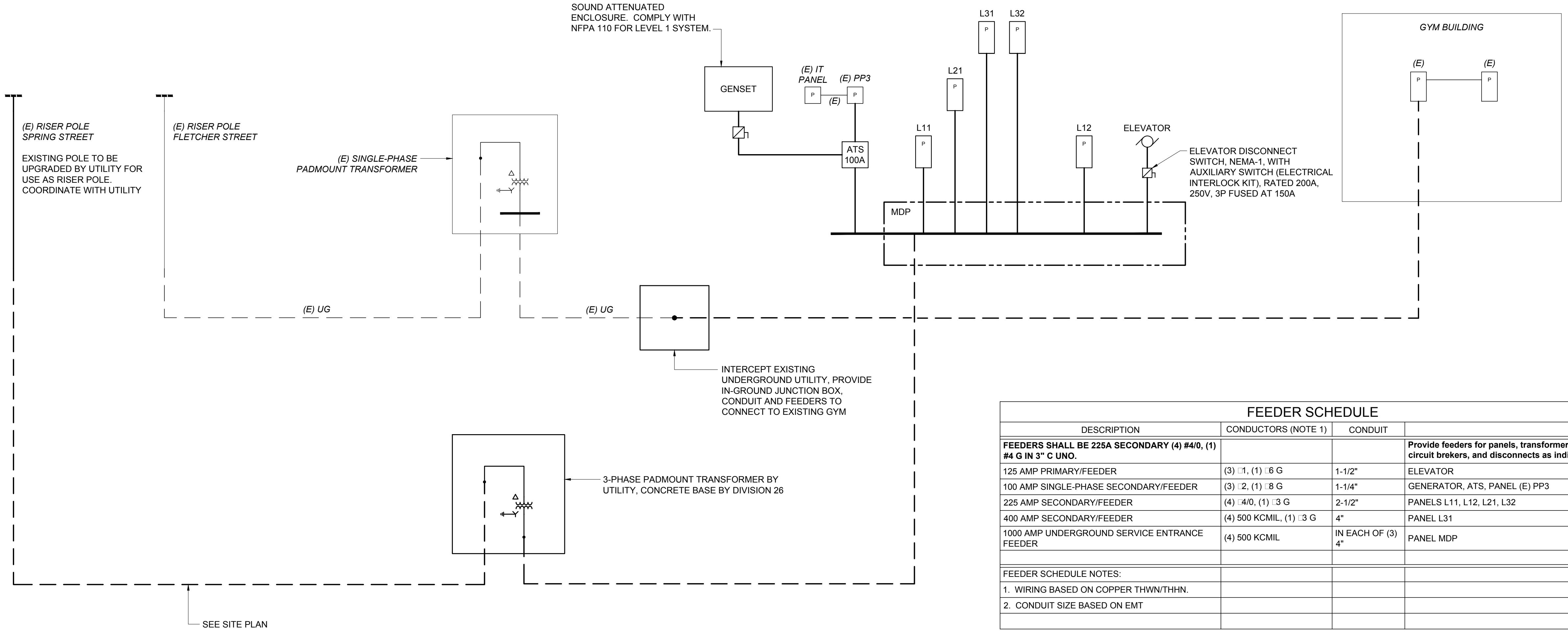
EP500



A1 POWER RISER DIAGRAM - EXISTING CONDITIONS/REMOVALS
NO SCALE

GAS PRESSURE NOTE
COMPLY WITH GENERATOR MANUFACTURER'S PUBLISHED FUEL PRESSURE REQUIREMENTS. DO NOT START GENERATOR IF UTILITY GAS PRESSURE IS BELOW GENERATOR MANUFACTURER'S SPECIFIED MINIMUM.

208/120V, 1 ϕ , 3W NATURAL GAS GENSET. BASIS OF DESIGN: CUMMINS C20 N6 IN WEATHERPROOF LEVEL 2 SOUND ATTENUATED ENCLOSURE. COMPLY WITH NFPA 110 FOR LEVEL 1 SYSTEM.



FEEDER SCHEDULE			
DESCRIPTION	CONDUCTORS (NOTE 1)	CONDUIT	
FEEDERS SHALL BE 225A SECONDARY (4) #4/0, (1) #4 G IN 3" C UNO.			
125 AMP PRIMARY/FEEDER	(3) 1, (1) 6 G	1-1/2"	ELEVATOR
100 AMP SINGLE-PHASE SECONDARY/FEEDER	(3) 2, (1) 8 G	1-1/4"	GENERATOR, ATS, PANEL (E) PP3
225 AMP SECONDARY/FEEDER	(4) 4/0, (1) 3 G	2-1/2"	PANELS L11, L12, L21, L32
400 AMP SECONDARY/FEEDER	(4) 500 KCMIL, (1) 3 G	4"	PANEL L31
1000 AMP UNDERGROUND SERVICE ENTRANCE FEEDER	(4) 500 KCMIL	IN EACH OF (3) 4"	PANEL MDP
FEEDER SCHEDULE NOTES:			
1. WIRING BASED ON COPPER THWN/THHN.			
2. CONDUIT SIZE BASED ON EMT			

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A1 POWER RISER DIAGRAM - EXISTING CONDITIONS
NO SCALE