



FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES
COMMISSIONER ADAM H. PUTNAM

September 11, 2018

ADDENDUM 1

TO: Vendors
FROM: Vianka Colin, Purchasing Director
**RE: INVITATION TO BID NUMBER ITB/PI-18/19-18
PURCHASE, DELIVERY AND INSTALLATION OF EMERGENCY GENERATORS**

This addendum is to provide all potential bidders with clarifications and answers to questions received in reference to Invitation to Bid ITB/PI-18/19-18. **Deletions are struck through, and additions are highlighted.**

NOTES:

1. ATS for BIO1 shall be moved to the exterior of electrical room wall, just east of the exterior door.
2. The ATS at Doyle Conner building will not need service rating.
3. Doyle Conner Building IT Room A124 will need separate circuits for the air handler and condensing unit.
4. Drawings:
 - a. E2.0 ELECTRICAL BIO 1 PLAN - Replace sheet in its entirety with the attached 24"x36" sheet dated September 10, 2018.
 - b. E2.1 ELECTRICAL PLANT PATHOLOGY PLAN - Replace sheet in its entirety with the attached 24" x 36" sheet dated September 10, 2018.
 - c. E2.3 ELECTRICAL DOYLE CONNER PLAN - Replace sheet in its entirety with the attached 24" x 36" sheet dated September 10, 2018.

Question / Answer

1. **Will there be a staging area available?**
Yes. The staging area will be coordinated with the awarded contractor.
2. **Will the contractor be able to leave materials and equipment on site securely?**
Yes.
3. **Is there a fence?**
Yes.

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4. Should the contractors consider facilitating a porta-potty on-site?

Yes. Contractors shall provide their own temporary restrooms.

5. Is a background check required for any of the contractors/subcontractors?

No.

6. Are there existing generator units?

No, not on the buildings identified in the ITB.

7. Does the job require new gas feeds?

No.

8. What is the allowable timeframe to conduct work on-site?

Work is to be conducted during normal business hours, 8:00 a.m. – 5:00 p.m., Monday-Friday. Accommodations may be made with the owner for any hours outside of normal business hours.

9. On the reference/past performance form, please confirm what the single project bonding capacity should be (question #8 on form). It currently states \$2,000,000, but this seems excessive for this size project. Please clarify.

Due to the size and nature of the project, it is allowable to adjust the performance bonding capacity to \$1,500,000.

10. Do we have a bio-refrigeration lab?

Yes.

11. Are there any ID/ background checks?

No. However, all visitors must obtain a contractor badge from the front desk.

12. Do the other buildings have a separate address?

No.

To the extent this addendum gives rise to a protest, failure to file a protest within the time prescribed in Section 120.57(3), Florida Statutes, shall constitute a waiver of proceedings under Chapter 120, Florida Statutes. All other terms, conditions and specifications of this Invitation to Bid will remain the same. If you have any questions regarding this addendum, please feel free to contact this office at (850) 617-7181.

PANELBOARD INFORMATION SCHEDULE																				
MARK	VOLTAGE (V)	PHASES	WIRES	TYPE (BOD)	MOUNTING	BUS RATING	MCB	KMC RATING	SERVICE RATED?	SPD?	POM?	FEEDER AMPS	FEEDER CIRCUIT INFORMATION							
													# RUNS	PHASE	NEUTRAL	GROUND	CONDUIT	RATING	AMPACITY	NOTES
DCO	120/208Y	3	4	NO	SURFACE	200	200	22	NO	YES	NO	200	1	3/0	3/0	6	2"	75°C	200	1
DCIT	120/208Y	3	4	NO	SURFACE	100	MLO	10	NO	YES	NO	100	1	3	3	8	1-1/4"	75°C	100	1

NOTES:
1. PROVIDE EXTERNAL CLASS 2 SPD MOUNTED TO BOTTOM OF ENCLOSURE. 100KA RATED FOR L-L, L-N, L-G, N-G. 50KA MOVs. BOD: ASCO, SQUARE D.

PANELBOARD SCHEDULE: DCIT																	
CKT #	LOAD DESCRIPTION	POLES	TRIP AMPS	LOAD φ A (kVA)	LOAD φ B (kVA)	LOAD φ C (kVA)	LOAD φ A (kVA)	LOAD φ B (kVA)	LOAD φ C (kVA)	TRIP AMPS	POLES	LOAD DESCRIPTION	CKT #				
1	RCPT - A124 UPS	1	20	2.2	-	-	-	-	-	-	1	SPACE ONLY	2				
3	RCPT - A124 UPS	1	20	-	2.2	-	-	-	-	-	1	SPACE ONLY	4				
5	RCPT - A124 UPS	1	20	-	-	2.2	-	-	-	-	1	SPACE ONLY	6				
7	RCPT - A124 UPS	1	20	2.2	-	-	-	-	-	-	1	SPACE ONLY	8				
9	RCPT - A124 UPS	1	20	-	2.2	-	-	-	-	-	1	SPACE ONLY	10				
11	RCPT - E108 UPS	1	20	-	-	1.5	-	-	-	-	1	SPACE ONLY	12				
13	RCPT - E108 UPS	1	20	1.5	-	-	-	-	-	-	1	SPACE ONLY	14				
15	SPARE	1	20	-	-	-	-	-	-	-	1	SPACE ONLY	16				
17	SPARE	1	20	-	-	-	-	-	-	-	1	SPACE ONLY	18				
19	SPARE	1	20	-	-	-	-	-	-	-	1	SPACE ONLY	20				
21	SPARE	1	20	-	-	-	-	-	-	-	1	SPACE ONLY	22				
23	SPARE	1	20	-	-	-	-	-	-	-	1	SPACE ONLY	24				
25	SPARE	1	20	-	-	-	-	-	-	-	1	SPACE ONLY	26				
27	SPARE	1	20	-	-	-	-	-	-	-	1	SPACE ONLY	28				
29	SPARE	1	20	-	-	-	-	-	-	-	1	SPACE ONLY	30				

LOAD SUMMARY

PHASE TOTALS:	Ap	Bp	Cp
	5.9 kVA	4.4 kVA	3.7 kVA
	49.2 A	36.7 A	30.8 A

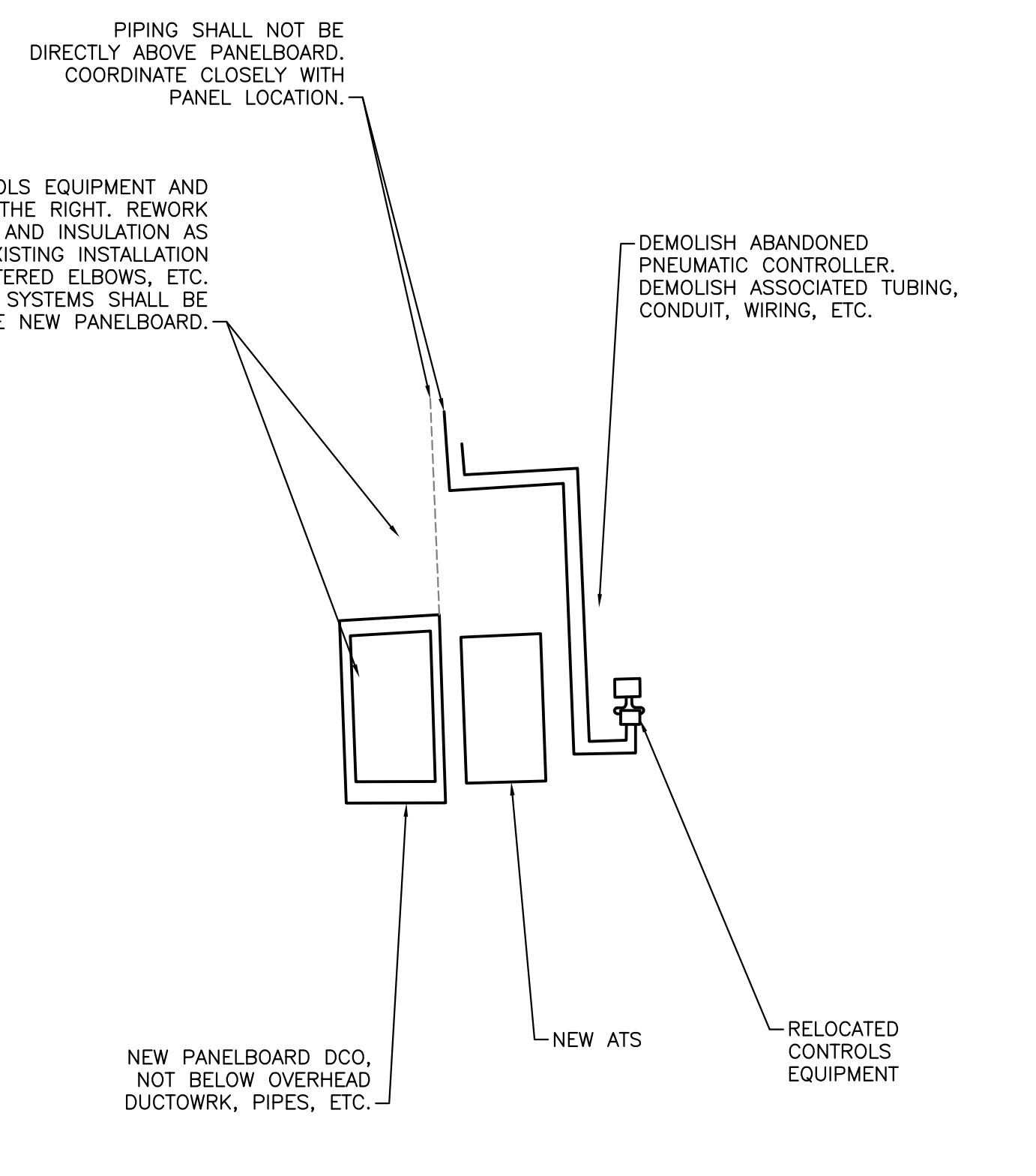
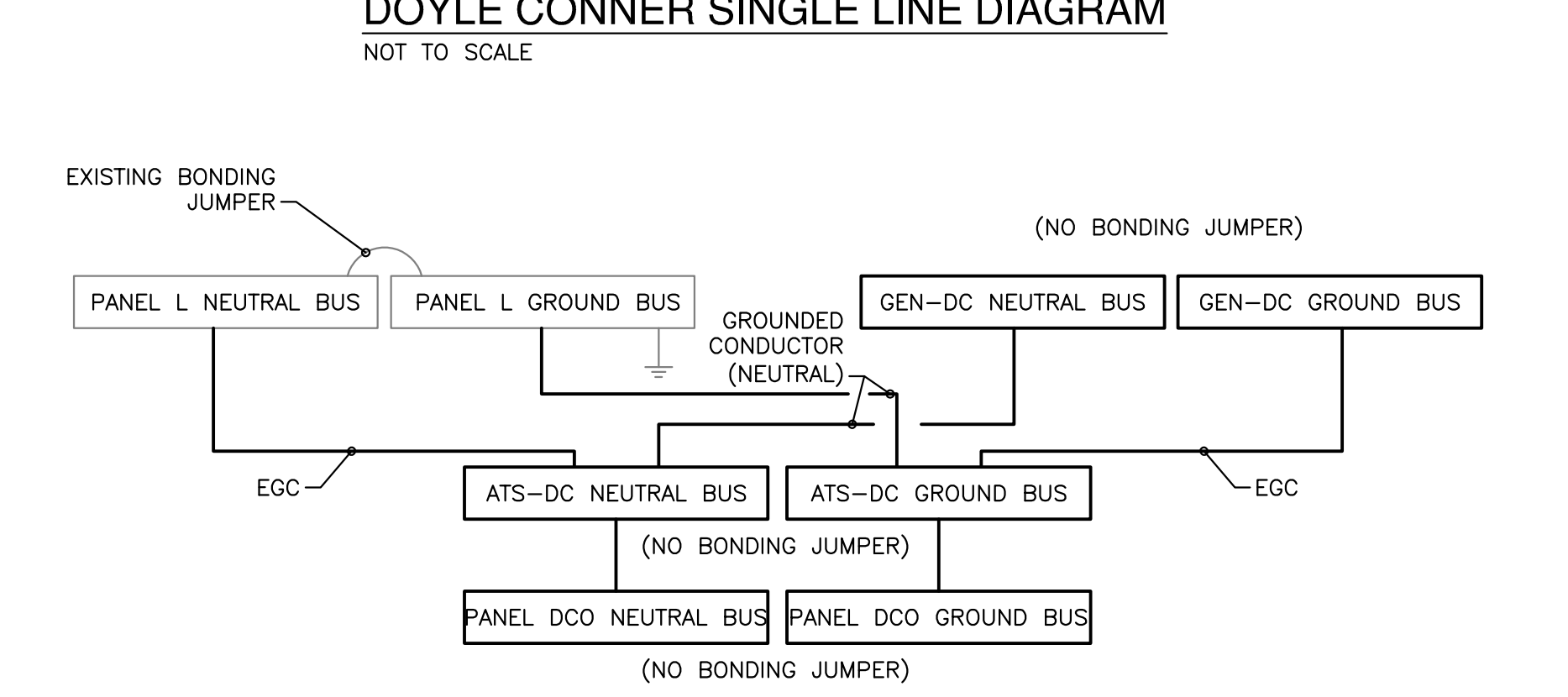
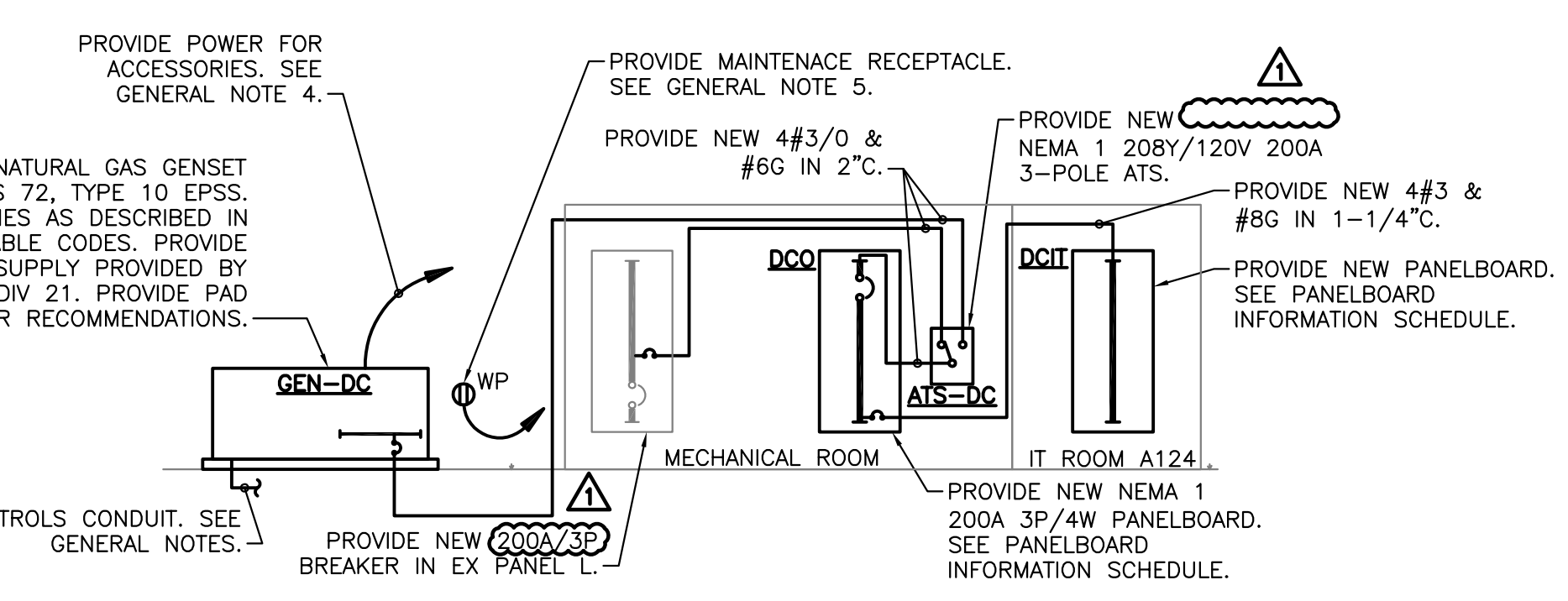
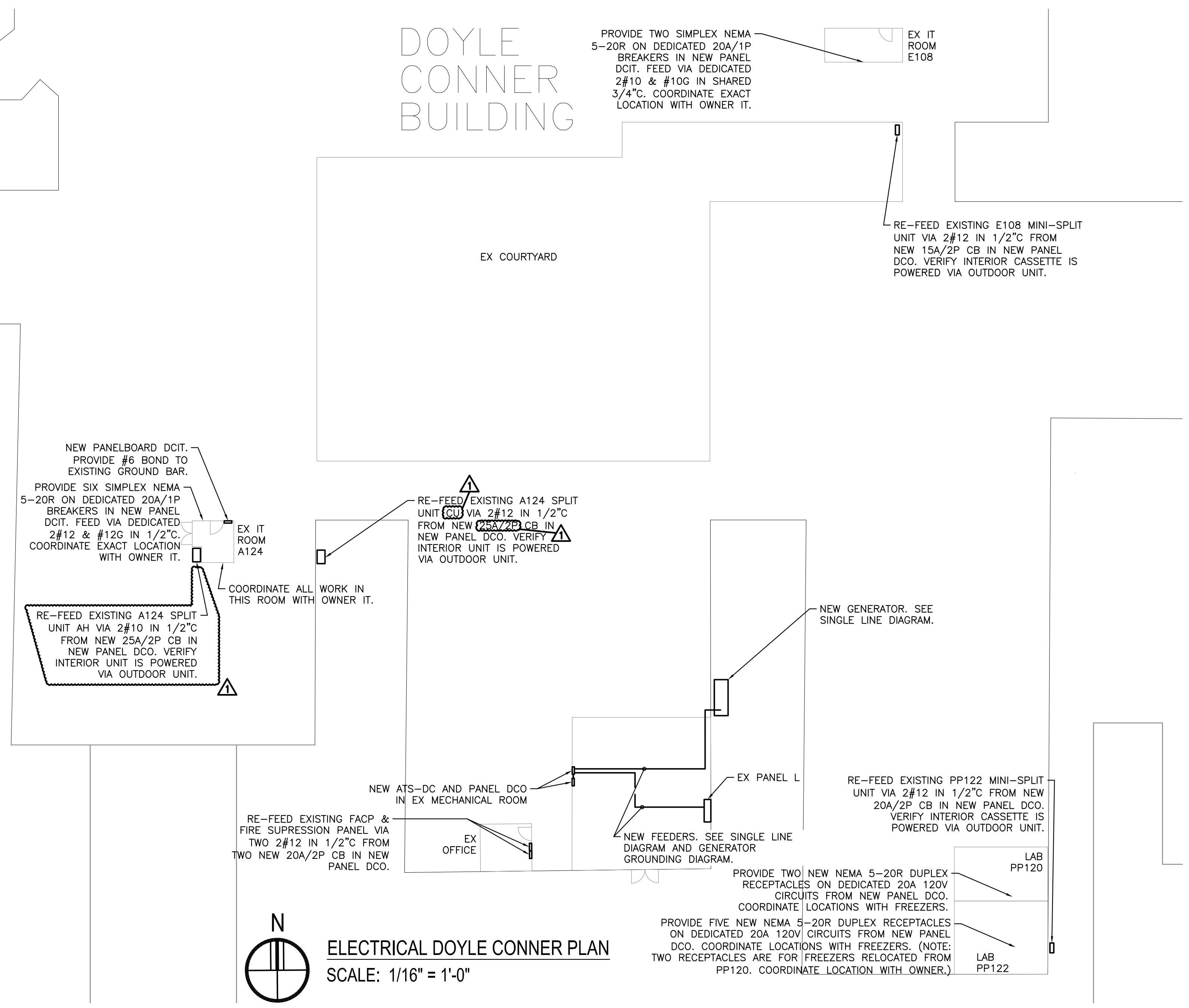
HIGHEST PHASE AMPS: 49.2 A
CONNECTED LOAD: 14.0 kVA
AMPS PER PHASE: 38.9 A

PANELBOARD SCHEDULE: DCO																	
CKT #	LOAD DESCRIPTION	POLES	TRIP AMPS	LOAD φ A (kVA)	LOAD φ B (kVA)	LOAD φ C (kVA)	LOAD φ A (kVA)	LOAD φ B (kVA)	LOAD φ C (kVA)	TRIP AMPS	POLES	LOAD DESCRIPTION	CKT #				
1	SPARE	1	20	-	-	-	-	-	-	-	1	SPACE ONLY	2				
3	SPARE	1	20	-	-	-	-	-	-	-	1	SPACE ONLY	4				
5	SPARE	1	20	-	-	-	-	-	-	-	1	SPACE ONLY	6				
7	SPARE	1	20	-	-	-	-	-	-	-	1	SPACE ONLY	8				
9	SPARE	1	20	-	-	-	-	-	-	-	1	SPACE ONLY	10				
11	SPARE	1	20	-	-	-	-	-	-	-	1	SPACE ONLY	12				
13	SPARE	1	20	-	-	-	-	-	-	-	1	SPACE ONLY	14				
15	SPARE	1	20	-	-	-	-	-	-	-	1	SPACE ONLY	16				
17	SPARE	1	20	-	-	-	-	-	-	-	1	SPACE ONLY	18				
19	SPARE	1	20	-	-	-	-	-	-	-	1	SPACE ONLY	20				
21	SPARE	1	20	-	-	-	-	-	-	-	1	SPACE ONLY	22				
23	IT ROOM A124 HVAC AH	1	25	2.08	-	2.08	-	-	-	-	1	SPACE ONLY	24				
25	FACP (LOCKABLE)	1	20	-	1.5	-	-	-	-	-	1	SPACE ONLY	26				
27	DRY FIRE SUPPRESSION SYSTEM	1	20	-	1.5	-	-	-	-	-	1	SPACE ONLY	28				
29	LAB PP120 HVAC	1	20	1.5	-	5.9	-	4.4	-	-	100	3	PANEL DCIT	30			
31	LAB PP120 HVAC	1	20	-	1.5	-	-	-	-	-	1	SPACE ONLY	32				
33	IT ROOM A124 HVAC DCU	1	25	1.248	-	-	-	-	-	-	1	SPACE ONLY	34				
35	IT ROOM A124 HVAC	1	25	1.248	-	-	-	-	-	-	1	SPACE ONLY	36				
37	IT ROOM E108 HVAC	1	15	-	0.7	-	-	-	-	-	60	3	SPD	38			
39	IT ROOM E108 HVAC	1	15	-	0.7	-	-	-	-	-	60	3	SPD	40			
41	IT ROOM E108 HVAC	1	15	-	0.7	-	-	-	-	-	60	3	SPD	42			

LOAD SUMMARY

PHASE TOTALS:	Ap	Bp	Cp
	10.7 kVA	8.1 kVA	9.2 kVA
	89.4 A	67.5 A	76.9 A

HIGHEST PHASE AMPS: 89.4 A
CONNECTED LOAD: 28.1 kVA
AMPS PER PHASE: 77.9 A



- ### GENERAL NOTES
- ALL CIRCUITS AND SYSTEMS OUTSIDE OF THE PROJECT AREA ARE TO REMAIN IN SERVICE AT ALL TIMES THROUGHOUT THE WORK. COORDINATE ANY NECESSARY OUTAGES WITH OWNER PRIOR TO PROCEEDING.
 - MAINTAIN FUNCTIONALITY OF ALL EXISTING FIXTURES AND EQUIPMENT.
 - THIS DESIGN IS NOT INTENDED FOR LIFE SAFETY USE. EXISTING LIFE SAFETY SYSTEMS, INCLUDING EMERGENCY LIGHTING PROVISIONS, ARE NOT INTENDED TO BE MODIFIED OR MADE UNNECESSARY BY THIS DESIGN.
 - GENSET SHALL BE A PACKAGED EPS WITH ALL REQUIRED COOLING, BATTERIES, BATTERY CHARGERS, LOCAL ANNUNCIATION, ETC. SYSTEM SHALL COMPLY WITH 2014 NEC 702 (OPTIONAL STANDBY SYSTEMS) AND 2013 NFPA 110 FOR THE INDICATED LEVEL, CLASS, AND TYPE. COORDINATE NECESSARY CIRCUITS AND PROVIDE POWER VIA NEW CIRCUIT(S) FROM NEAREST 120V PANELBOARD.
 - PROVIDE NEW 20A WEATHER RESISTANT MAINTENANCE RECEPTACLE WITHIN 25' OF GENERATOR, POWERED VIA NEW CIRCUIT FROM NEAREST 120V PANELBOARD.
 - PROVIDE 2" FOR CONTROLS WIRING FROM GENERATOR TO ATS, AND FROM ATS TO ABOVE ACCESSIBLE CEILING WITHIN BUILDING.

LOAD NOTE - DOYLE CONNER GENERATOR

THE FOLLOWING EXISTING LOADS ARE BEING PLACED ON THE GENERATOR:

FIRE ALARM	2.0 kVA
FM200 SYSTEM	2.0 kVA
2200VA UPS x5	11.0 kVA
1500VA UPS x1	1.5 kVA
HVAC x3	7.5 kVA
FREEZERS x5	8.5 kVA
TOTAL	32.5 kVA

(91 A @ 208V/3φ)

GENERATOR AND EQUIPMENT HAS BEEN SIZED TO ALLOW FOR FUTURE LOADS, AND TO SIMPLIFY MAINTENANCE BY USING SIMILAR GENERATOR TO OTHER BUILDINGS.