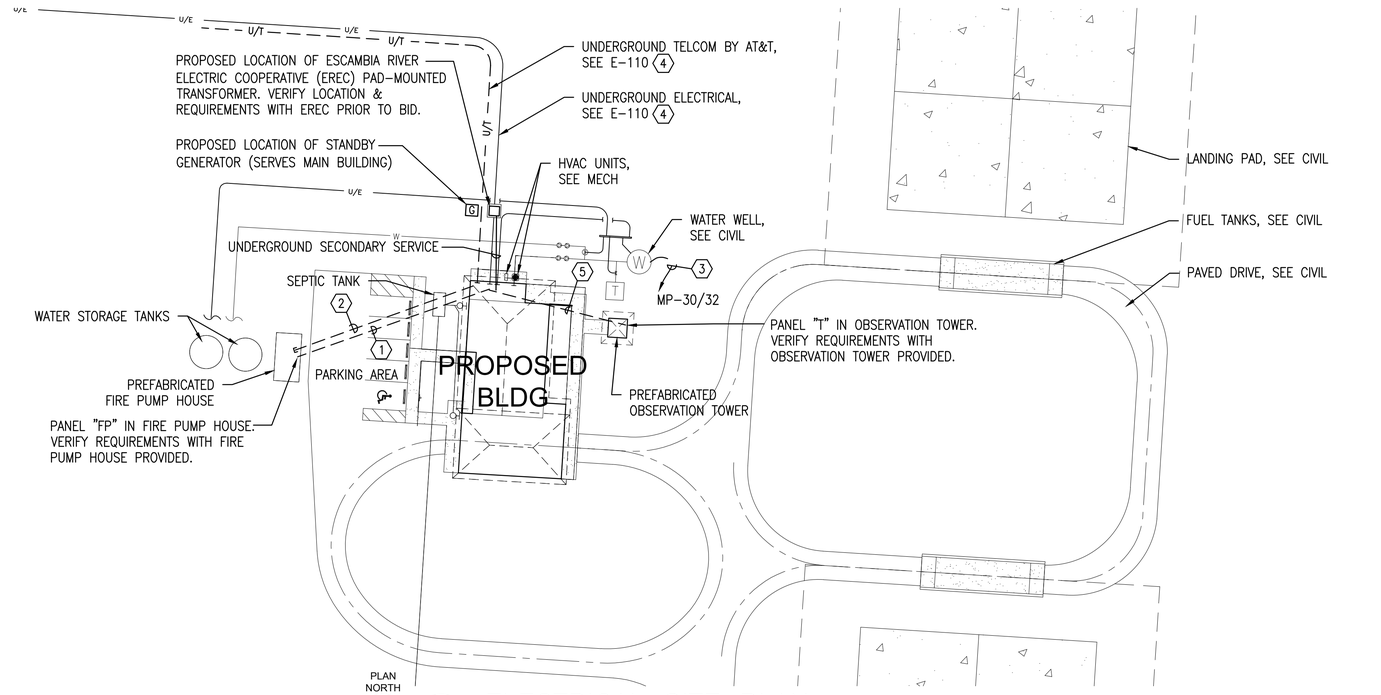


1 ELECTRICAL SITE PLAN

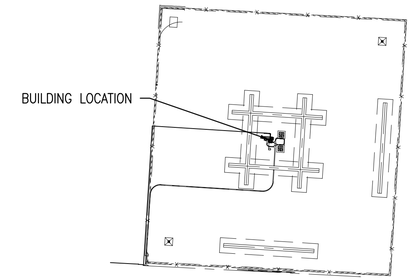
SCALE: 1/32"= 1'-0"

32' 16' 0' 32' 64'

GRAPHIC SCALE 1/32" = 1'-0"

KEY NOTES

1. FEEDER FROM MAIN PANEL "MP" TO PREFABRICATED PUMP HOUSE PANEL (TO SERVE FREEZE PROTECTION, LIGHTS, CONVENIENCE OUTLETS). SEE POWER RISER DIAGRAM FOR REQUIREMENTS.
2. PROVIDE ONE (1) 2" CONDUIT WITH PULL STRING FROM I.T. ROOM 113 TO PREFABRICATED PUMP HOUSE. FIELD VERIFY EXACT LOCATION AND STUB UP CONDUITS INSIDE PUMP HOUSE.
3. WATER WELL PUMP AND CONTROL PANEL (240, 1ø, 3 HP, SEE CIVIL SHEET C-941). PROVIDE 2#8, 1#8 GRD, 1 1/4" C. TO PANEL "MP".
4. SEE SHEET E-110 FOR PROPOSED UNDERGROUND PRIMARY AND TELCOM BY EREC AND AT&T, RESPECTIVELY. COORDINATE REQUIREMENTS WITH UTILITY COMPANIES PRIOR TO CONSTRUCTION.
5. FEEDER FROM MAIN PANEL "MP" TO CONTROL TOWER. SEE POWER RISER DIAGRAM FOR REQUIREMENTS.



PROPERTY PLAN

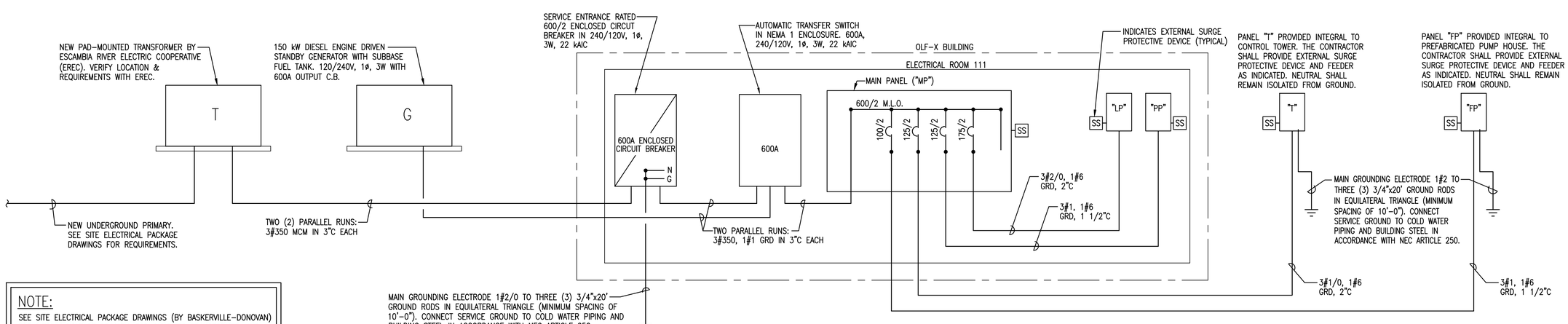
GENERAL NOTES

1. FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO PERFORMING NEW WORK
2. THE CONTRACTOR SHALL COORDINATE ALL UTILITY CONNECTIONS WITH PLUMBING, ELECTRICAL AND COMMUNICATION.
3. CONTRACTOR SHALL COORDINATE WITH OWNER EXACT LOCATION OF OBSERVATION TOWER.
4. REFER TO CIVIL ENGINEERING DRAWINGS FOR ADDITIONAL INFORMATION ON SITE WORK RELATED ACTIVITIES.
5. SOD ALL DISTURBED AREAS AS A RESULT OF WORK PERFORMED UNDER THIS CONTRACT. REFER TO CIVIL DRAWINGS AND SPECIFICATION FOR ADDITIONAL INFORMATION.
6. REFER TO SHEET A-220 FOR ADDITIONAL INFORMATION ON OBSERVATION TOWER.

REUIRED CALCULATIONS

1. THE CONTRACTOR SHALL PROVIDE IN ACCORDANCE WITH UFC 3-530-01, COMPUTER GENERATED POINT-BY-POINT INTERIOR LIGHTING CALCULATIONS FOR THE OLF-X AIRFIELD PHASE II PROJECT BASED ON IES FILES FOR LIGHTING FIXTURES SUBMITTED FOR APPROVAL.
2. AS PART OF THE SHOP DRAWING SUBMITTAL PACKAGE, THE CONTRACTOR SHALL PROVIDE ELECTRICAL LOAD ANALYSIS CALCULATIONS THAT INCLUDE A COMPLETE ANALYSIS WITH SUPPORTING DATA. CALCULATIONS MUST BE SIGNED AND SEALED BY A REGISTERED FLORIDA PROFESSIONAL ENGINEER AND SHALL INCLUDE THE FOLLOWING:

- SHORT CIRCUIT ANALYSIS, INCLUDING PROTECTIVE DEVICE INTERRUPTING RATING.
- PROTECTIVE DEVICE TIME-CURRENT COORDINATION STUDY.
- ARC FLASH ANALYSIS.



NOTE:
SEE SITE ELECTRICAL PACKAGE DRAWINGS (BY BASKERVILLE-DONOVAN) FOR MEDIUM VOLTAGE PRIMARY, PAD-MOUNTED TRANSFORMER, AND POWER COMPANY REQUIREMENTS.

POWER RISER DIAGRAM

NOT TO SCALE

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SCOTT A. ADAMS, P.E. FL LICENSE No. 57949 • CA No. 26311

100% RTA SUBMITTAL

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449 W. MAIN ST., PENSACOLA, FL 32502 (850)438-9661
ENGINEERING BUSINESS: EB-0000340
Pensacola - Panama City Beach - Tallahassee - Mobile - Brevard County - Tampa

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SCOTT A. ADAMS, P.E.

OLF-X
PHASE II - AIRFIELD

NO.	DATE	APPR.	REVISION/ACTION TAKEN
001	02/13/18	SAA	ADDENDUM TO BID DOCUMENTS
003	02/23/18	SAA	ADDENDUM TO BID DOCUMENTS

PROJECT NO: 25898.03
DESIGNED BY: SAA
DRAWN BY: DAH
CHK'D BY: SAA
PROJ. MGR: -
DATE: FEBRUARY 2018

NOT RELEASED FOR CONSTRUCTION BY DATE / /

ELECTRICAL SITE PLAN

E-001

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