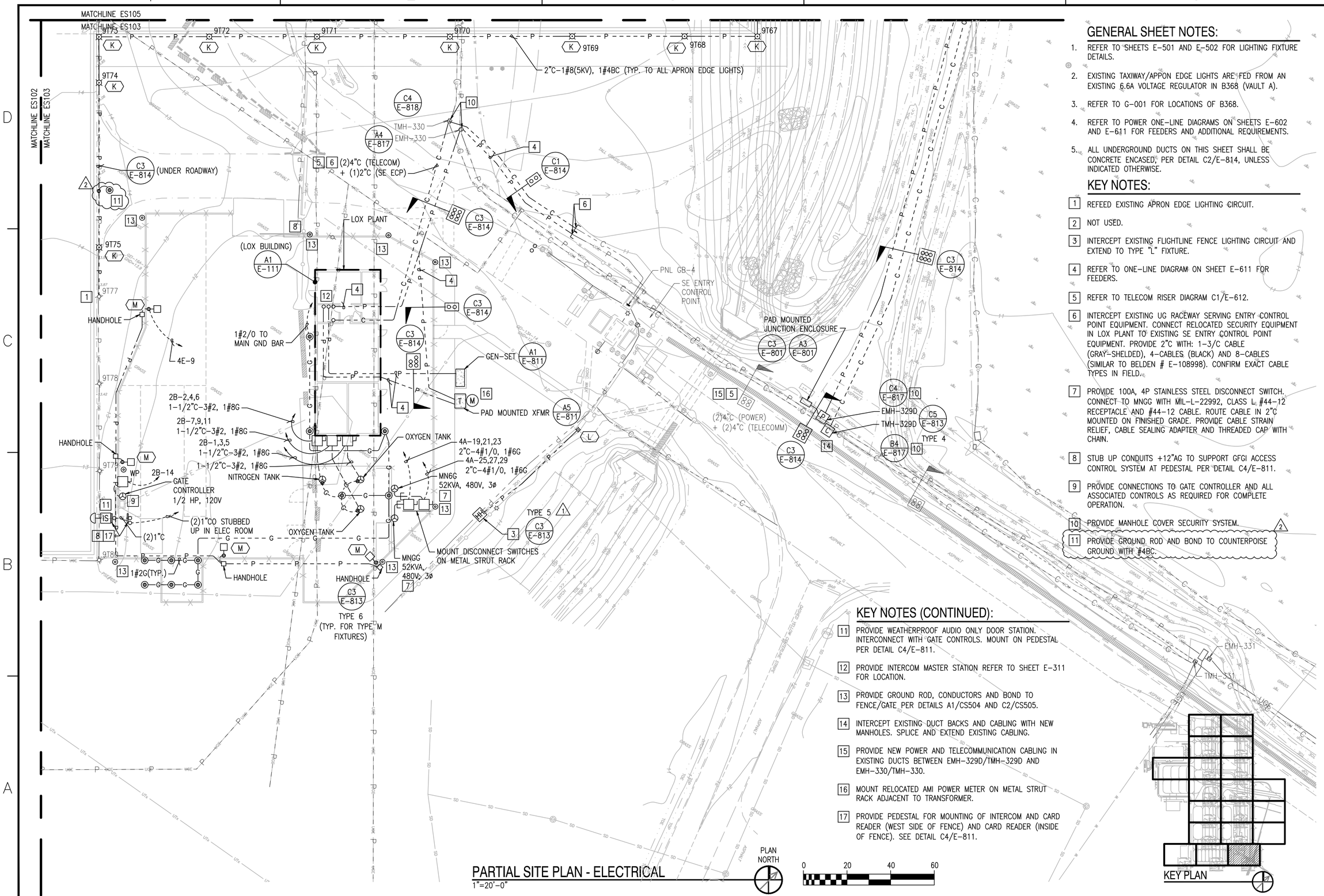

PARTIAL SITE PLAN - ELECTRICAL

1"=20'-0"

GENERAL SHEET NOTES:

1. REFER TO SHEETS E-501 AND E-502 FOR LIGHTING FIXTURE DETAILS.
2. EXISTING TAXIWAY/APRON EDGE LIGHTS ARE FED FROM AN EXISTING 6.6A VOLTAGE REGULATOR IN B368 (VAULT A).
3. REFER TO G-001 FOR LOCATIONS OF B368.
4. REFER TO POWER ONE-LINE DIAGRAMS ON SHEETS E-602 AND E-611 FOR FEEDERS AND ADDITIONAL REQUIREMENTS.
5. ALL UNDERGROUND DUCTS ON THIS SHEET SHALL BE CONCRETE ENCASED, PER DETAIL C2/E-814, UNLESS INDICATED OTHERWISE.

KEY NOTES:

1. REFEED EXISTING APRON EDGE LIGHTING CIRCUIT.
2. NOT USED.
3. INTERCEPT EXISTING FLIGHTLINE FENCE LIGHTING CIRCUIT AND EXTEND TO TYPE "L" FIXTURE.
4. REFER TO ONE-LINE DIAGRAM ON SHEET E-611 FOR FEEDERS.
5. REFER TO TELECOM RISER DIAGRAM C1/E-612.
6. INTERCEPT EXISTING UG RACEWAY SERVING ENTRY CONTROL POINT EQUIPMENT. CONNECT RELOCATED SECURITY EQUIPMENT IN LOX PLANT TO EXISTING SE ENTRY CONTROL POINT EQUIPMENT. PROVIDE 2"C WITH: 1-3/C CABLE (GRAY-SHELDED), 4-CABLES (BLACK) AND 8-CABLES (SIMILAR TO BELDEN # E-108998). CONFIRM EXACT CABLE TYPES IN FIELD.
7. PROVIDE 100A, 4P STAINLESS STEEL DISCONNECT SWITCH. CONNECT TO MNGG WITH MIL-L-22992, CLASS L #44-12 RECEPTACLE AND #44-12 CABLE. ROUTE CABLE IN 2"C MOUNTED ON FINISHED GRADE. PROVIDE CABLE STRAIN RELIEF, CABLE SEALING ADAPTER AND THREADED CAP WITH CHAIN.
8. STUB UP CONDUITS +12"AG TO SUPPORT GFGI ACCESS CONTROL SYSTEM AT PEDESTAL PER DETAIL C4/E-811.
9. PROVIDE CONNECTIONS TO GATE CONTROLLER AND ALL ASSOCIATED CONTROLS AS REQUIRED FOR COMPLETE OPERATION.
10. PROVIDE MANHOLE COVER SECURITY SYSTEM.
11. PROVIDE GROUND ROD AND BOND TO COUNTERPOISE GROUND WITH #4BC.

KEY NOTES (CONTINUED):

11. PROVIDE WEATHERPROOF AUDIO ONLY DOOR STATION. INTERCONNECT WITH GATE CONTROLS. MOUNT ON PEDESTAL PER DETAIL C4/E-811.
12. PROVIDE INTERCOM MASTER STATION REFER TO SHEET E-311 FOR LOCATION.
13. PROVIDE GROUND ROD, CONDUCTORS AND BOND TO FENCE/GATE PER DETAILS A1/CS504 AND C2/CS505.
14. INTERCEPT EXISTING DUCT BACKS AND CABLING WITH NEW MANHOLES. SPLICE AND EXTEND EXISTING CABLING.
15. PROVIDE NEW POWER AND TELECOMMUNICATION CABLING IN EXISTING DUCTS BETWEEN EMH-329D/TMH-329D AND EMH-330/TMH-330.
16. MOUNT RELOCATED AMI POWER METER ON METAL STRUT RACK ADJACENT TO TRANSFORMER.
17. PROVIDE PEDESTAL FOR MOUNTING OF INTERCOM AND CARD READER (WEST SIDE OF FENCE) AND CARD READER (INSIDE OF FENCE). SEE DETAIL C4/E-811.

SYM	DESCRIPTION	DATE	APPR
1	AMENDMENT 005	3/27/15	GLL
2	AMENDMENT 006	3/27/15	GLL

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ACTIVITY
NAS WHIDBEY ISLAND

SATISFACTORY TO DATE

DES KMD | DRW AM | CHK GLL

<<PM/DM>> JOSEPH KISIDAY

BRANCH MANAGER

CHIEF ENG/ARCH

<<XXX>>

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL AIR STATION WHIDBEY ISLAND

NAVAL FACILITIES ENGINEERING COMMAND ~ NORTHWEST
AULT FIELD - OAK HARBOR, WA

NAVAL AIR STATION WHIDBEY ISLAND
OAK HARBOR, WA

FY-15 MCON PROJECT P-259 P-8A AIRCRAFT APRON EXPANSION - PART A

PARTIAL SITE PLAN – ELECTRICAL

SCALE: AS NOTED

EPROJECT NO.:

CONSTR. CONTR. NO.
N44255-15-C-6003

NAVFAC DRAWING NO.
16030516

SHEET 262 OF 302

ES103

DRAWFORM REVISION: 10 MARCH 2009