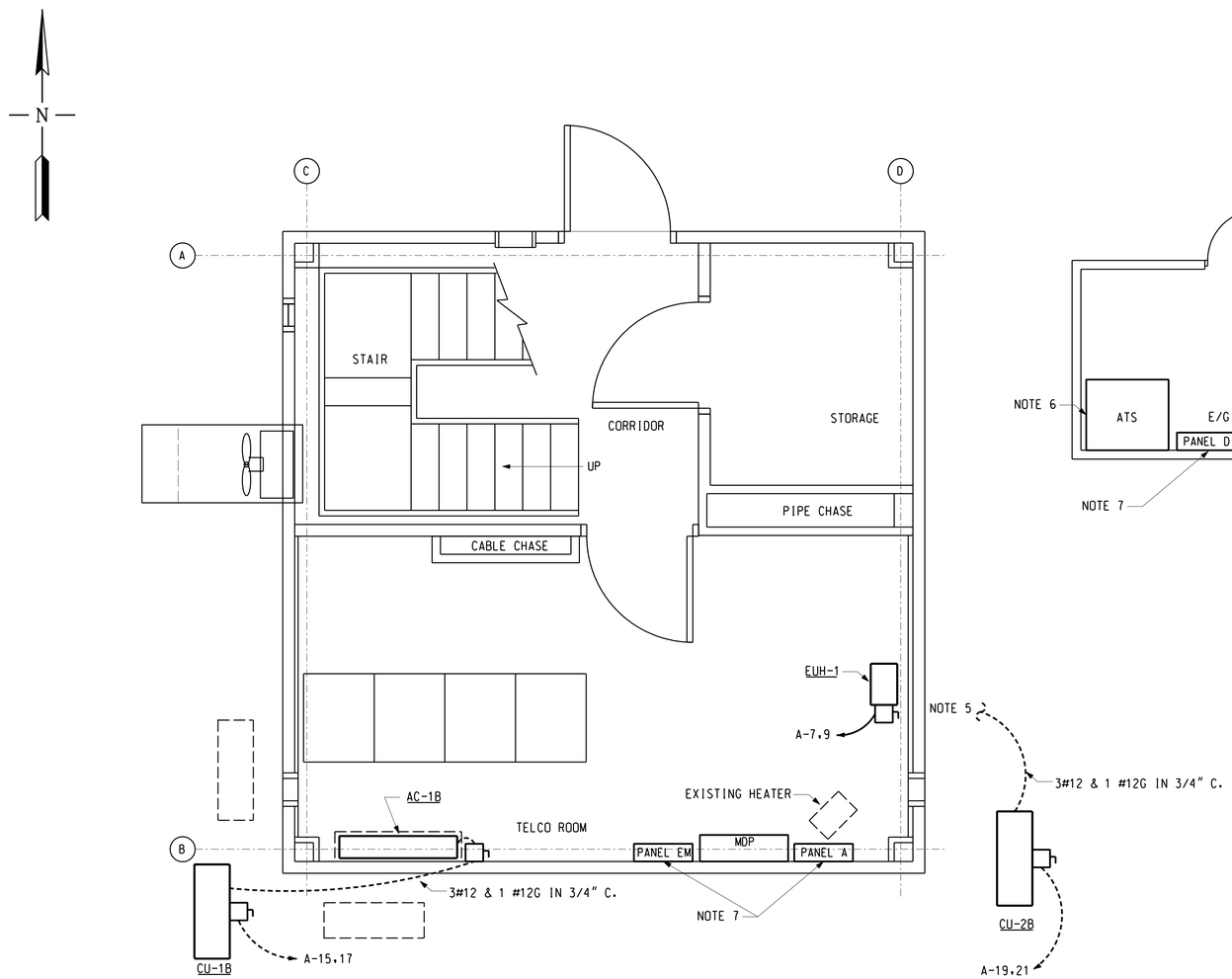

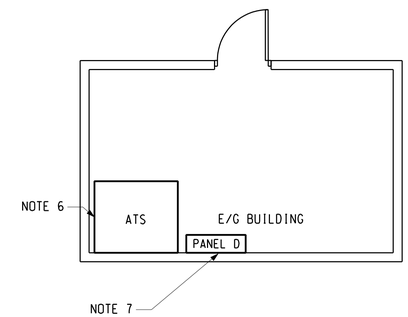

NOTES

1. SEE E000 FOR ELECTRICAL LEGEND AND GENERAL NOTES.
2. LOCATIONS SHOWN FOR APPLIANCES AND PIPING ARE SCHEMATIC ONLY. COORDINATE LOCATIONS WITH DIFFUSERS, REGISTERS, GRILLES, LIGHT FIXTURES, DUCTWORK, PIPING AND EQUIPMENT. PROVIDE DEVICES, APPLIANCES AND PIPING IN ACCORDANCE WITH NFPA AND MANUFACTURER'S REQUIREMENTS.
3. SEE MECHANICAL DRAWINGS FOR EXACT LOCATIONS AND DIMENSIONS FOR THE MECHANICAL EQUIPMENT.
4. FOR POWER SUPPLY TO HVAC EQUIPMENT SEE TABLE THIS DRAWING.
5. CONTINUED UP TO AC-2B ON SECOND LEVEL. SEE DRAWING E121 FOR CONTINUATION.
6. REPLACE EXISTING 400A ATS WITH NEW GFE 100A ATS. SEE SPECIFICATIONS. UTILIZE EXISTING CONDUCTORS AND CONDUIT WHERE POSSIBLE. IF THESE CAN NOT BE REUSED, CONTRACTOR SHALL PROVIDE NEW CONDUIT AND CONDUCTORS AS NEEDED.
7. FOR POWER FEEDERS TO PANELS A, D, & EM, SEE DRAWING E800.

HVAC POWER REQUIREMENTS BASE BUILDING

MARK	A/HP/kW	VOLT/PH	PANEL NO.	CIRCUIT NO.	CABLE SIZE	CONDUIT SIZE	DISCONNECT
CU-1B	2.070W	208/1	PANEL A	15,17	#12	3/4"	30A/2P/NF/3R
AC-1B	FED FROM CU-1B				#12	3/4"	30A/3P/NF/1
CU-2B	1.070 W	120/1	PANEL A	19,21	#12	3/4"	30A/2P/NF/3R
AC-2B	FED FROM CU-2B				#12	3/4"	30A/3P/NF/1
EUH-1	2.6 KW	208/1	PANEL A	7,9	#12	3/4"	30A/3P/NF/1
EUH-2	2.6 KW	208/1	PANEL A	11,13	#12	3/4"	30A/3P/NF/1

1 / E120 POWER PLAN - GROUND LEVEL - TELCO

SCALE: 1/2" = 1'-0"

2' 0 2' 4'
1/2" = 1'-0"

SCALES SHOWN FOR 22" X 34" SHEET. ADJUST SCALES FOR OTHER SIZES.

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REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD

GEORGIA REGISTERED No. 6299 PROFESSIONAL ENGINEER THOMAS J. HOLLAND

HARTRAMPF

7000 CENTRAL PARKWAY, SUITE 1475
ATLANTA, GEORGIA 30328

HEI JOB NUMBER: 09033.00

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ATHENS AIRPORT TRAFFIC CONTROL TOWER
ATCT - MAJOR SUSTAIN AND SEISMIC MITIGATION
ELECTRICAL
POWER PLAN - GROUND LEVEL - TELCO

ATHENS (ATHENS MUNICIPAL AIRPORT) GA

REVIEWED BY

SUBMITTED BY: VIRGIL HOOPER, PE.

APPROVED BY: MARK BEEKMAN

DESIGNED ANL
DRAWN ANL
CHECKED TJH

ISSUED BY: ATLANTA TERMINAL ENGINEERING CENTER

DATE 03/31/2010 JCN 804669

DRAWING NO AHN-D-ATCT-E120 REV

$FILES $DATES $TIMES $NAMES

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