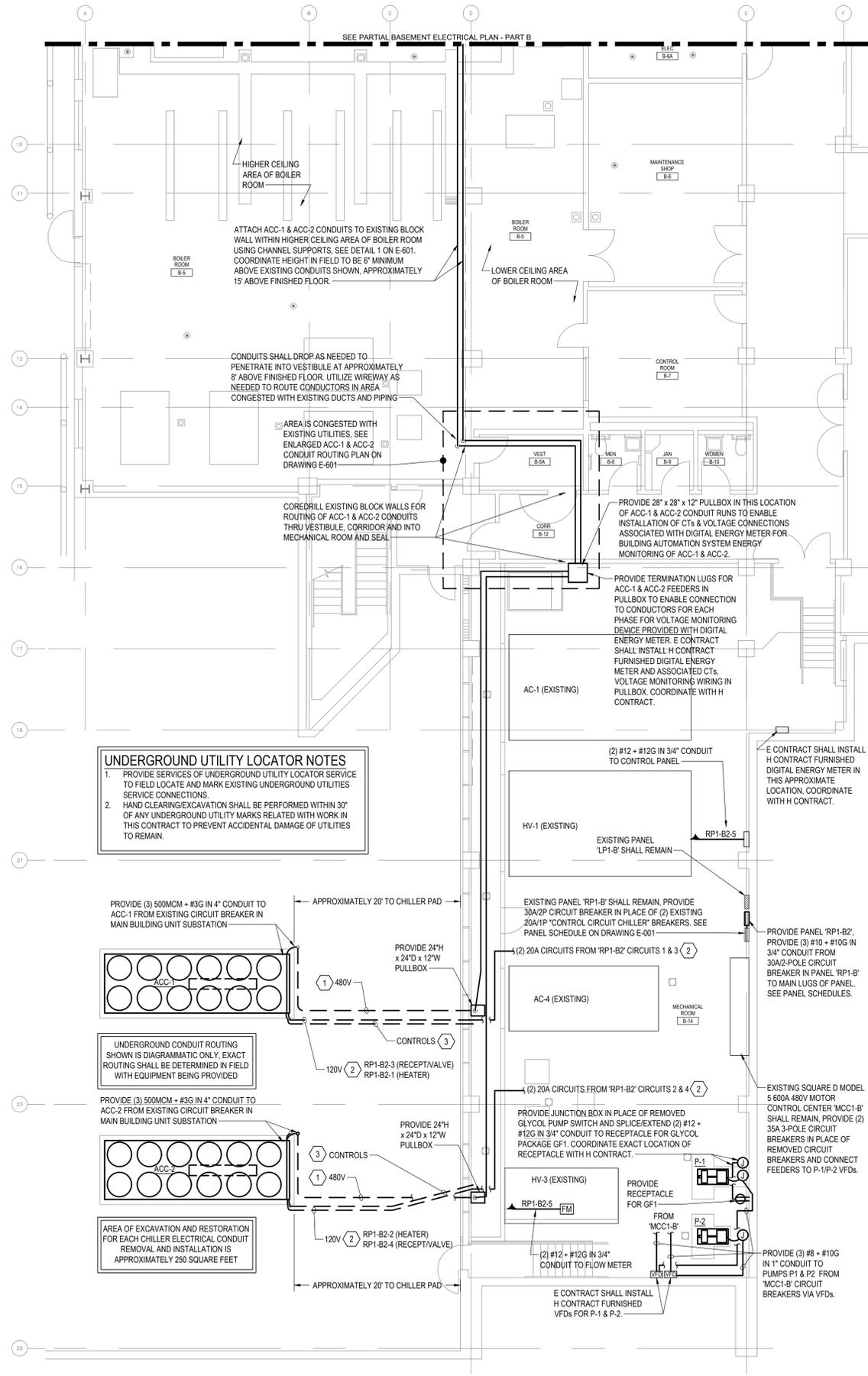


FILE: R:\PROJECTS\143_OCS_ORANGEBURG_CHILLER REPLACEMENT_CAD\143_E-101.DWG
 USER: CHRIS TOPHER STROM
 PLOTTED: 12/14/2023 11:34:09 AM
 SAVED: 12/11/2023 4:35:33 PM



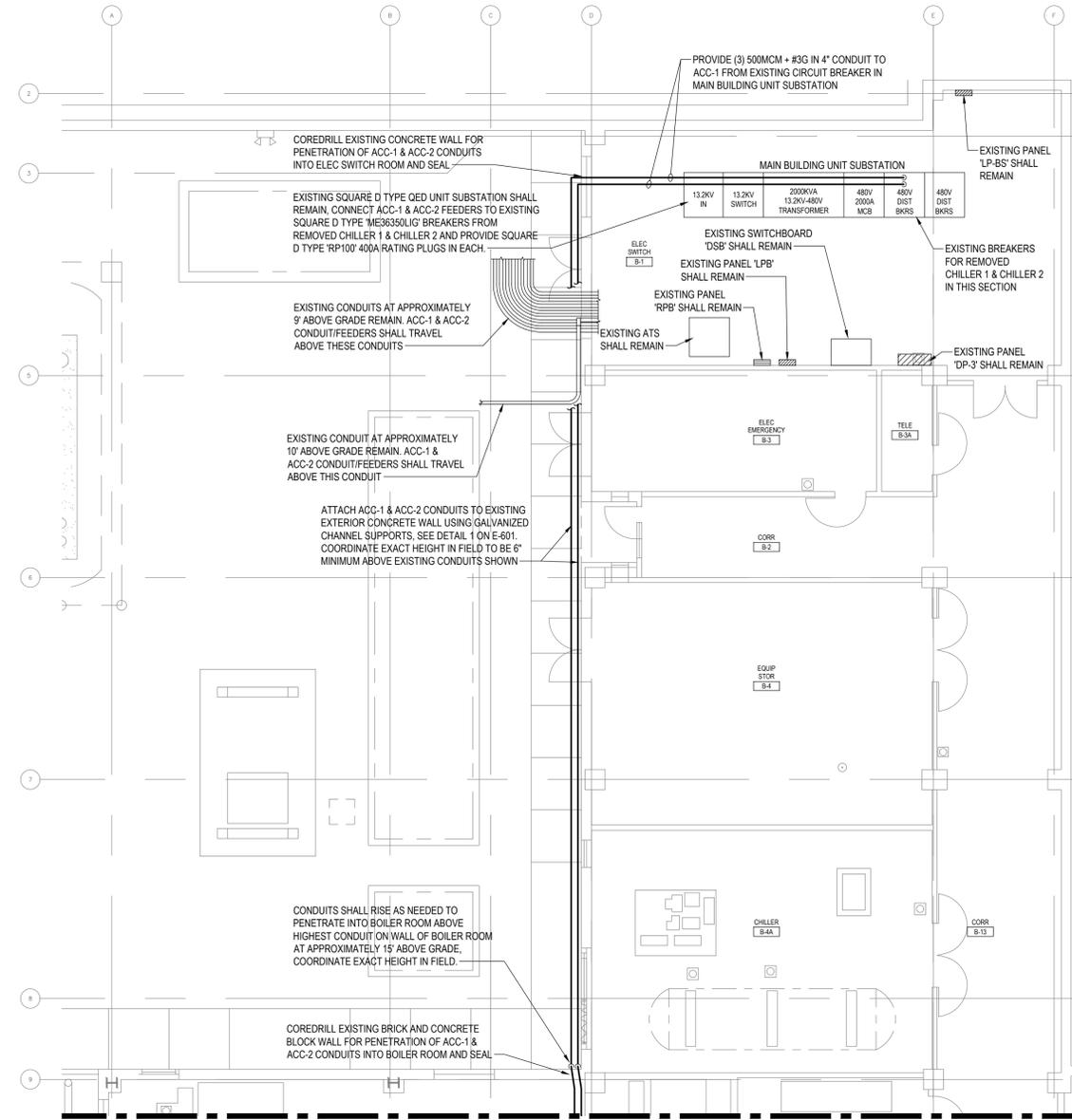
1 PARTIAL BASEMENT ELECTRICAL PLAN - PART A
 SCALE: 1/8" = 1'-0"

KEYED NOTES

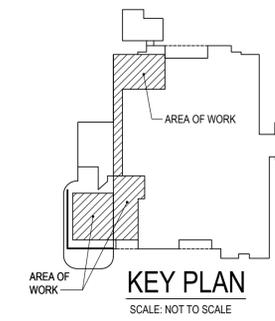
- ① RE-USE REMOVED CONDUIT PENETRATION THRU WALL TO EXTEND CONDUIT/FEEDER THRU WALL AND TRENCH UNDERGROUND TO ACC UNIT. SEAL CONDUIT PENETRATION PER DETAIL 3 ON DRAWING E-001. COORDINATE UNDERGROUND CONDUIT ROUTING AND EXACT LOCATION FOR CONDUIT/FEEDER TO RISE FROM UNDERGROUND AND INTO ACC UNIT ELECTRICAL CONNECTION BOX WITH H CONTRACT.
- ② RE-USE REMOVED CONDUIT PENETRATIONS THRU WALL TO EXTEND (2) 120V/20A CONDUIT/CIRCUITS UNDERGROUND IN SINGLE 1" CONDUIT TO ACC UNIT CONTROL PANEL FROM PANEL RP1-B2. SEAL CONDUIT PENETRATION PER DETAIL 3 ON DRAWING E-001. (1) CIRCUIT FOR CONTROL VALVE AND SERVICE RECEPTACLE (RECEPTACLE BY H CONTRACT), (1) FOR HEATER. EACH CIRCUIT SHALL BE (2) #12 + #12G. COORDINATE UNDERGROUND CONDUIT ROUTING, EXACT LOCATION FOR CONDUIT/FEEDER TO RISE FROM UNDERGROUND AND INTO ACC UNIT ELECTRICAL CONNECTION BOX AND CONTROL VALVE POWER DETAILS WITH H CONTRACT.
- ③ RE-USE REMOVED CONDUIT PENETRATION THRU WALL TO EXTEND 1-1/2" CONDUIT WITH PULLSTRING UNDERGROUND IN E CONTRACT PROVIDED TRENCH TO ACC UNIT CONTROL PANEL. CORE DRILL OUT EXISTING PENETRATION AS NEEDED TO ENABLE LARGER CONDUIT AND SEAL CONDUIT PENETRATION PER DETAIL 3 ON DRAWING E-001. CONDUIT SHALL EXTEND FROM EXISTING CONTROL WIRING JUNCTION BOX IN BUILDING. COORDINATE UNDERGROUND CONDUIT ROUTING AND EXACT LOCATION FOR CONDUIT TO RISE FROM UNDERGROUND AND INTO ACC UNIT ELECTRICAL CONNECTION BOX WITH H CONTRACT.

GENERAL NOTES

1. COORDINATE WITH DIRECTOR'S REPRESENTATIVE FOR DOWNTIME ON REPLACEMENT OF CIRCUIT BREAKERS OR ANY ASSOCIATED ACTIVITIES ON EXISTING ELECTRICAL PANELBOARDS OR UNIT SUBSTATION (TYPICAL).
2. ALL WIRING SHALL BE WITHIN CONDUIT. ALL ABOVE GROUND CONDUITS SHALL BE RIGID FERROUS METAL CONDUIT AND SHALL BE INSTALLED PARALLEL AND PERPENDICULAR TO BUILDING SURFACES AND STRUCTURES. ALL UNDERGROUND CONDUITS SHALL BE RIGID PVC AND EXACT ROUTING SHALL BE DETERMINED IN FIELD. ROUTING SHOWN ON DRAWINGS IS DIAGRAMMATIC ONLY.
3. ALL EXCAVATION AND BACKFILL REQUIRED FOR EXTERIOR UNDERGROUND CONDUIT REMOVAL AND INSTALLATION SHALL BE PERFORMED BY THE E CONTRACT.



2 PARTIAL BASEMENT ELECTRICAL PLAN - PART B
 SCALE: 1/8" = 1'-0"



WARNING:
 THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS 'A' MISDEMEANOR.



CONTRACT:
ELECTRICAL
TITLE:
 REPLACE BUILDING CHILLERS,
 BUILDING 144
LOCATION:
 COOK CHILL PRODUCTION CENTER
 145 OLD ORANGEBURG ROAD
 ORANGEBURG, NY
CLIENT:
 OFFICE OF
 MENTAL HEALTH

MARK	DATE	DESCRIPTION
	12/6/2023	BID DOCUMENTS
PROJECT NUMBER:	47430 - E	
DESIGNED BY:	SC	
DRAWN BY:	SC	
FIELD CHECK:		
APPROVED:		
SHEET TITLE:	PARTIAL BASEMENT ELECTRICAL PLAN	
DRAWING NUMBER:	E-101	
SHEET	17	OF 18