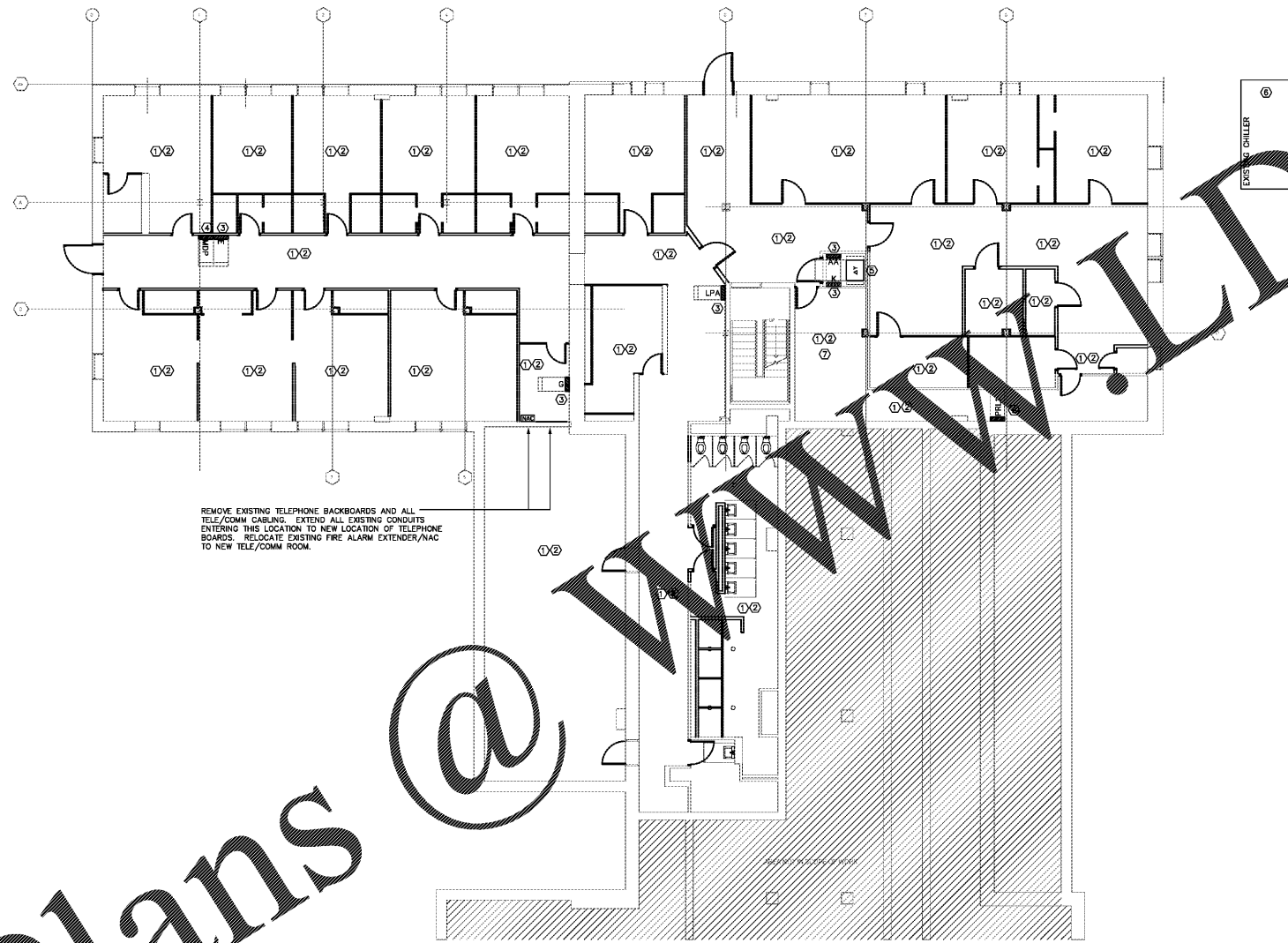


Order Plans



GROUND FLOOR PLAN - POWER DEMO
 1/8" = 1'-0"

TEMP POWER NOTE:
 E.C. IS RESPONSIBLE FOR ESTABLISHING TEMP POWER WITH THE SUITABLE DISCONNECTING MEANS SATISFYING ART 590.4(C) AND ART 590.4(E)

DEMOLITION SCOPE OF WORK:
 E.C. IS TO REMOVE ALL ELECTRICAL ITEMS, LIGHTING, RECEPTACLES, CONDUCTORS, RACEWAYS, FIRE ALARM AND ELECTRICAL GEAR IN AREAS SHOWN. THIS IS A COMPLETE ELECTRICAL DEMOLITION INCLUDING RACEWAYS AND CONDUCTORS. E.C. IS TO VISIT THE SITE TO QUANTIFY THE EXTENT OF DEMOLITION PRIOR TO BIDDING. COORDINATE SCOPE OF DEMOLITION WITH G.C.
 ALL EQUIPMENT AND ASSOCIATED SYSTEMS INDICATED TO BE REMOVED BE REMOVED FROM THE SITE (CAMPUS) AND DISPOSED OF IN AN APPROPRIATE MANNER.
 E.C. IS TO DE-ENERGIZE ALL ELECTRICAL POWER FEEDS TO ALL MECHANICAL AND PLUMBING EQUIPMENT IN AREA OF WORK. REMOVE PRODUCTS AND RACEWAYS AS REQUIRED.

- DEMOLITION KEYED NOTES:**
- 1 REMOVE ALL RECEPTACLES AND FIRE ALARM DEVICES.
 - 2 REMOVE ALL ELECTRICAL EQUIPMENT RELATED TO HVAC AND PLUMBING.
 - 3 REMOVE ALL CONDUCTORS AND RACEWAYS COMPLETE TO DEVICES AND GEAR BEING REMOVED.
 - 4 E.C. IS TO REMOVE ALL ELECTRICAL PANELS NOTED TO BE REMOVED, CONDUCTORS AND RACEWAYS. UNLESS NOTED TO REMAIN. THE EXISTING SHALL BE REMOVED AROUND THE PANEL AND A NEW ONE CONSTRUCTED AROUND THE PANEL. THE E.C. IS TO PROVIDE SUPPORTS AS REQUIRED FOR THE PANEL AS REQUIRED.
 - 5 DRY-TYPE TRANSFORMER IN THIS ROOM IS TO BE RELOCATED.
 - 6 REMOVE EXISTING SODA FEEDS AND ALL ELECTRICAL TO THE EXISTING CHILLER THAT IS BEING REMOVED.
 - 7 REMOVE ALL ELECTRICAL PER PUMPS AND MECHANICAL EQUIPMENT BEING REMOVED. COORDINATE WITH G.C. PRIOR TO BEGINNING.
 - 8 REFER TO RADIO RACK CONNECTION SEQUENCE ON THIS SHEET FOR MORE INFORMATION.

- DEMOLITION NOTES:**
- A. PARTIAL AND TOTAL DEMOLITION OF PORTIONS SHALL BE PERFORMED ALONG WITH ALL NECESSARY MODIFICATIONS TO THAT PORTION OF THE EXISTING BUILDING WHICH SHALL REMAIN SO THAT IT CONTINUES TO FUNCTION UNAFFECTED BY THE DEMOLITION AND ASSOCIATED NEW CONSTRUCTION.
 - B. WHERE INCLUDED AS PART OF THE CONTRACT DOCUMENTS, THE DRAWINGS INDICATE THE GENERAL AREAS OF WORK INVOLVED. HOWEVER, THE ELECTRICAL CONTRACTOR SHALL PERFORM WORK OUTSIDE THOSE AREAS SHOWN AS IS NECESSARY TO COMPLY WITH THE INTENT OF THIS SECTION.
 - C. THE ELECTRICAL CONTRACTOR SHALL FAMILIARIZE THEMSELVES WITH THE EXISTING BUILDING AND WITH THE WORK OF ALL OTHER TRADES AND INCLUDE ALL WORK NECESSARY TO COMPLY WITH THE INTENT OF THE DEMOLITION.
 - D. IT SHALL BE UNDERSTOOD THAT FIELD CONDITIONS MAY BE ENCOUNTERED DURING THE EXECUTION OF THIS CONTRACT WHICH WILL REQUIRE EXTENSION OR RELOCATION OF EXISTING SYSTEMS OR EQUIPMENT WHICH ARE NOT SPECIFICALLY SHOWN ON THE DRAWINGS, BUT WHICH ARE REQUIRED TO MEET THE STATED INTENT THAT THE BUILDING CONTINUE TO FUNCTION UNAFFECTED BY THE DEMOLITION AND ASSOCIATED NEW CONSTRUCTION. THE ELECTRICAL CONTRACTOR SHALL INCLUDE SUCH WORK AS WOULD NORMALLY BE EXPECTED IN AN EXISTING BUILDING OF THIS AGE AND TYPE.
 - E. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL TOOLS, EQUIPMENT, LABOR, ETC. IN ORDER TO ACCOMPLISH THE DEMOLITION PORTION OF THE PROJECT.
 - F. THE DEMOLITION OF ALL AREAS OF THE EXISTING BUILDING SHALL BE PERFORMED BY THE GENERAL CONTRACTOR. IT SHALL BE THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH THE GENERAL CONTRACTOR TO DIFFERENTIATE THE SCOPE OF WORK BETWEEN SEPARATE TRADES.
 - G. THE ELECTRICAL CONTRACTOR SHALL INCLUDE COORDINATION WITH THE GENERAL CONTRACTOR AND SUCH DEMOLITION OF THE EXISTING ELECTRICAL SYSTEMS AS IS NECESSARY SO THAT THE DEMOLITION WORK OF THE GENERAL CONTRACTOR SHALL NOT DAMAGE THOSE PORTIONS OF THE ELECTRICAL SYSTEMS WHICH ARE TO REMAIN IN SERVICE, ARE TO BE REUSED, OR ARE TO BECOME THE PROPERTY OF THE OWNER.
 - H. BOXES AND CONDUITS THAT ARE LOCATED IN CMU WALLS ARE TO BE LEFT IN PLACE.
 - I. ALL CONDUITS ABANDONED OR NO LONGER IN USE FOLLOWING DEMOLITION ARE TO BE CUT FLUSH, AND THEN GROUTED OVER. AT THEIR PENETRATION THROUGH THE FLOOR/WALL/CEILING.
 - J. ALL CONDUITS SERVING SITE LIGHTING IS TO BE MARKED AND LEFT INTACT. NOTIFY ENGINEER OF THE NUMBER OF SITE LIGHTING CONDUITS AND NUMBER OF CIRCUITS THAT WILL NEED TO BE RE-ENERGIZED. ALL ESSENTIAL SITE LIGHTING IS TO BE CONNECTED TO TEMP POWER. COORDINATE WITH OWNER TO DETERMINE WHAT SITE LIGHTING IS ESSENTIAL.

RADIO RACK CONNECTION SEQUENCE

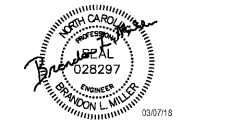
1. EXISTING RADIO RACK IS CONNECTED TO PANEL "PRL1".
2. CONNECT "PRL1" TO PANEL "MDP" TO PROVIDE TEMPORARY POWER FOR RADIO ROOM CONNECTIONS DURING CONSTRUCTION. AT THE SAME TIME PROVIDE 20A SINGLE POLE LOCKABLE BREAKER FOR EXISTING CIRCUIT FOR RADIO RACK IN "PRL1".
3. AFTER NEW ELECTRICAL ROOM HAS BEEN BUILT OUT AND NEW PANELS, "NP" & "NPR", ARE SET AND ELECTRICALLY CONNECTED, REMOVE PANEL "PRL1" FROM "MDP" AND CONNECT EXISTING RADIO RACK CIRCUIT FROM "PRL1" TO NEW PANEL "NPR" AS NOTED ON PLANS. RADIO RACK SHALL ALSO BE RELOCATED TO NEW RADIO EQUIPMENT ROOM AT THIS TIME. [POWER OUTAGE #2]
4. POWER OUTAGE FOR RADIO RACK SHALL NOT EXCEED 24 HOURS.
5. ELECTRICAL CONTRACTOR IS TO NOTIFY OWNER 5 BUSINESS DAYS PRIOR TO ANY POWER OUTAGE ON THE RADIO RACK EQUIPMENT AND GET VERIFICATION TOP PROCEED WITH OUTAGE.

REMOVE EXISTING TELEPHONE BACKBOARDS AND ALL TELE/COMM CABLING. EXTEND ALL EXISTING CONDUITS ENTERING THIS LOCATION TO NEW LOCATION OF TELEPHONE BOARDS. RELOCATE EXISTING FIRE ALARM EXTENDER/NAC TO NEW TELE/COMM ROOM.

EXISTING CHILLER

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WESTERN CAROLINA UNIVERSITY
 MOORE HALL GROUND FLOOR RENOVATION
 CULLOWHEE, NC

SHEET ISSUE:

NO.	DATE	DESCRIPTION	BY
1	03/07/18	ISSUED FOR BID	

PRINCIPAL IN CHARGE: LR
 PROJECT ARCHITECT: AFR
 DRAWN BY:
 SHEET TITLE:
GROUND FLOOR DEMOLITION PLAN - POWER

SHEET NO.:
 PROJ. NO.: 017384
 AGENCY REVIEW ID: 17-1742-01A
E201

