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DLR Group
Architecture Engineering Planning Interiors

SPECIAL SYSTEMS PLAN, LOWER LEVEL - AREA D

CREIGHTON PREPARATORY SCHOOL
FITNESS CENTER ADDITION & RENOVATION

E3.4
10-05106-00

01-09-08 (Revisions)
ADDM CC-1, 1.17.08
ADDM CC-3, 1.23.08
ADDM CC-5, 4.30.08

ATTACHMENT NO. E13
TO ADDENDUM NO. CC-5
DATED APRIL 30, 2008

REISSUED 04.30.08
WITH ADDENDA
CC-1 TO CC-5

STATE OF NEBRASKA
E-10651
REGISTERED PROFESSIONAL ENGINEER
ELECTRICAL

LEGEND NOTES

GENERAL NOTES—THIS SHEET:

A. SEE SHEET E3.06 FOR GENERAL NOTES.

B. PROVIDE IVORY COLORED SURFACE METAL RACEWAY AND BOXES FOR ALL CLOCKS, FIRE ALARM, DATA, VOICE, AND VIDEO DEVICES. REFER TO SPEC SECTION 26053.3. TYPICAL FOR ALL EXISTING CONSTRUCTION (AREAS C–G). ADDM #1

KEYED NOTES—THIS SHEET: #

1. EXISTING RELOCATED DEVICE MOUNT AT 36" A.F.F.
2. PROVIDE 2-GANG BOX WITH (1)-3/4" C. TO ABOVE APC FOR USB CONNECTION TO NEW SMARTBOARD. IN COMPUTER CLASSROOMS WITH EXPOSED STRUCTURE, CONNECT TO MULTIMEDIA OUTLET BOX.
3. TAMPER SWITCH WITH VISUAL INDICATOR AND ENTRANCE SUPPRESSION FOR PIV.
4. CEILING PROJECTOR AND CABLING INSTALLED BY OWNER.
5. TYPICAL MULTIMEDIA DEVICE. SEE DETAIL 11/E6.3.
6. TYPICAL VOICE, DATA, VIDEO DEVICE. SEE DETAIL 12/E6.3.
7. COORDINATE ROUGH-IN LOCATION WITH ELEVATOR MFR. PROVIDE (2) CAT 3 CABLES CONTINUOUSLY IN DEDICATED RACEWAY TO ELEVATOR FOR EMERGENCY COMMUNICATION. SEE SHEET E3.5 FOR LOCATION.
8. DUCT DETECTOR REMOTE LAMP AND TEST SWITCH MOUNTED ON WALL. LABEL WITH UNIT SERVED.
9. CONNECT EXISTING INTEGRAL DOOR RELEASE / DETECTION TO FIRE ALARM SYSTEM. PROVIDE RELAY IF REQUIRED.
10. (4)–4" C. SLEEVES WITH BUSHINGS FOR CABLE TRAY EXTENSION. SEE DETAIL 15/E6.3.
11. CONNECT INTEGRAL DOOR RELEASES TO FIRE ALARM SYSTEM.
12. TYPICAL FA RELAY BASE FOR LOCAL RELEASE OF DOOR HOLD OPENS.
13. LINE INDICATES DEVICE MOUNTED IN DIVIDED RACEWAY. PROVIDE COMMUNICATIONS MOUNTING ADAPTER. (TYPICAL)
14. TYPICAL UGC FROM OUTLET BOX FOR COMMUNICATIONS FEED TO DIVIDED RACEWAY. ADDM #5
15. NOT USED.
16. DOUBLE-GANG OUTLET BOX WITH SINGLE-GANG MUD RING AND 3/4" C. TO RM D014.
17. VERIFY VIDEO PROJECTOR DISTANCE FROM FRONT WALL WITH OWNER. PROVIDE 4-11/16" BOX WITH (2)-1" C. TO RM D014.
18. MONITOR MODULES FOR ELEVATOR AND SHUNT-TRIP POWER. COORDINATE QTY AND LOCATION WITH ELEVATOR MFR.
19. (2)-2" C. FROM ABOVE FOR NETWORK BACKBONE CABLES. SWEEP BEND AND STUB OUT ABOVE APC IN RM D020.
20. SINGLE-GANG OUTLET BOX WITH 3/4" C. BETWEEN SPEAKERS AND TO JUNCTION BOX IN RM D014.
21. A/V EQUIPMENT RACK. SEE DETAIL 33/E6.3.
22. 6"x6"x4" JUNCTION BOX AT 84" AFF FOR TERMINATION OF A/V RACEWAYS.
23. (2) 1" UGC TO RM D014.
24. NOT USED.
25. NOT USED.
26. (4)–4" C. SLEEVES WITH BUSHINGS FOR CABLE TRAY EXTENSION. SEE DETAIL 15/E6.3.
27. CONNECTION TO BUILDING INTERCOM SYSTEM. COORDINATE RACEWAY QTY AND DESTINATION WITH INTERCOM SYSTEM.
28. FIRE PROTECTION RISER. PROVIDE DISCRETE MONITOR OF EACH VALVE (TAMPER SWITCH), EACH FLOW ZONE (FLOW SWITCH) AND TRUNK. PROVIDE LOCAL VISUAL INDICATION PER SECTION 28311. ADDM #5

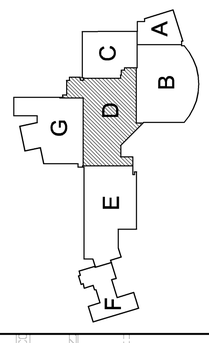
NOTE:
INTERCOM SYSTEM: EQUIPMENT, MATERIALS AND LABOR OF THIS SECTION WILL BE PROVIDED BY OWNER. RACEWAYS, BOXES, POWER AND ASSOCIATED ELECTRICAL WORK SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL REMOVE EXISTING DEVICES AND CABLING. EXISTING DEVICES SHALL NOT BE REMOVED UNTIL LATER PHASE. ELECTRICAL CONTRACTOR TO COORDINATE EXACT ROUGH-IN AND POWER REQUIREMENTS OF REPLACEMENT SYSTEM PROVIDED BY OWNER.

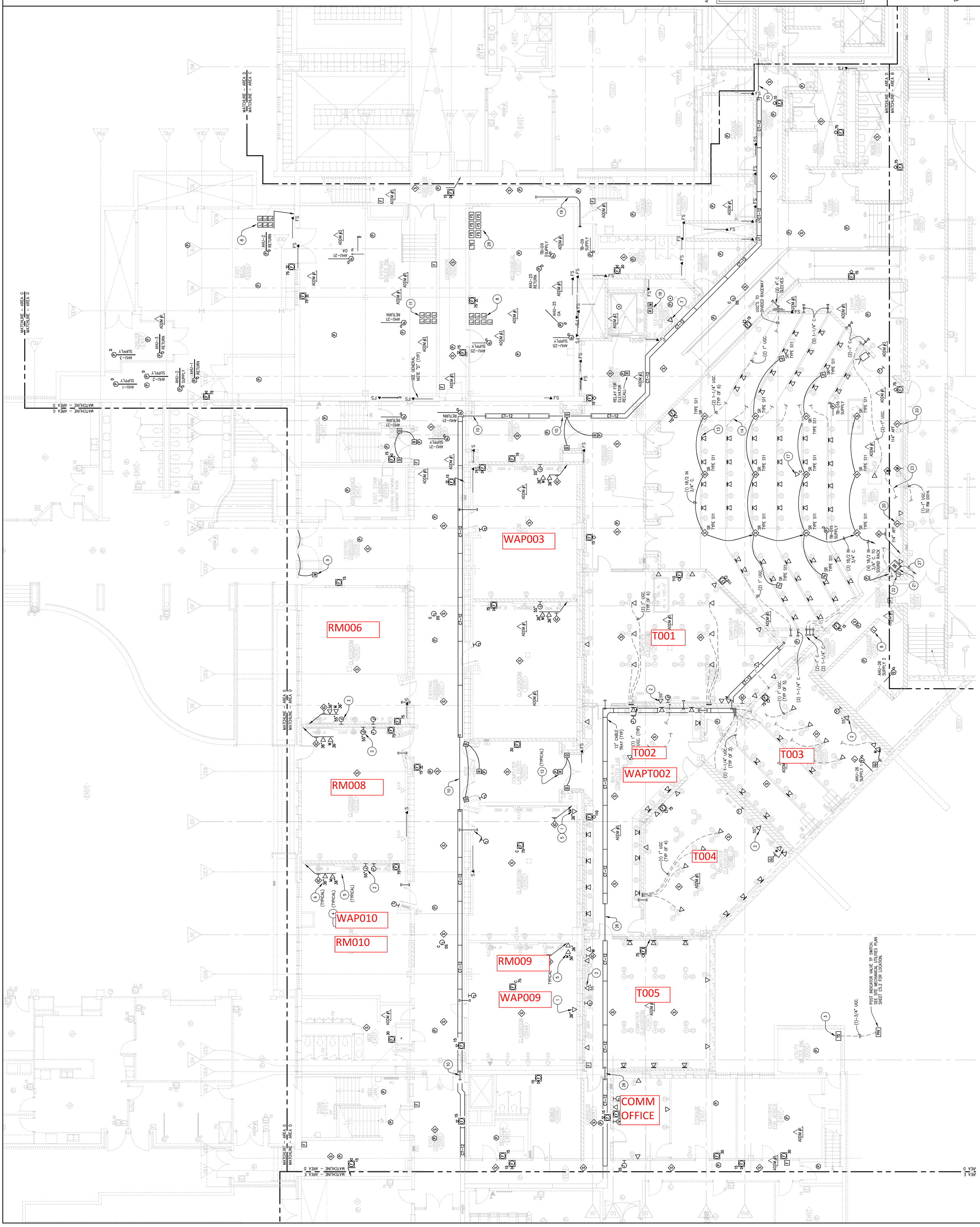
CLOCK SYSTEM: EQUIPMENT, MATERIALS AND LABOR OF THIS SYSTEM WILL BE PROVIDED BY OWNER. RACEWAYS, BOXES, POWER AND ASSOCIATED ELECTRICAL WORK SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL REMOVE EXISTING CONTRACTOR SPECIALTY BACKBOXES WILL BE PROVIDED BY OWNER. ELECTRICAL CONTRACTOR SHALL REMOVE EXISTING DEVICES AND CABLING. EXISTING DEVICES SHALL NOT BE REMOVED UNTIL LATER PHASE. ELECTRICAL CONTRACTOR TO COORDINATE EXACT ROUGH-IN AND POWER REQUIREMENTS OF REPLACEMENT SYSTEM PROVIDED BY OWNER.

SOUND SYSTEMS: EQUIPMENT, MATERIALS AND LABOR OF THIS SECTION WILL BE PROVIDED BY OWNER. RACEWAYS, BOXES, POWER AND ASSOCIATED ELECTRICAL WORK SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR TO COORDINATE EXACT ROUGH-IN AND POWER REQUIREMENTS OF SYSTEM PROVIDED BY OWNER

FIRE ALARM SYSTEM: SEE SPECIFICATIONS FOR SYSTEM MODIFICATIONS. DRAWINGS AND SUBMITTALS SHALL BE MODIFIED BY CONTRACTOR SUBSEQUENT TO RECEIPT OF WAIVER BY AHJ.

KEY PLAN





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SCALE: 1/8" = 1'-0"

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May 05, 2008 10:39am – bdewilde