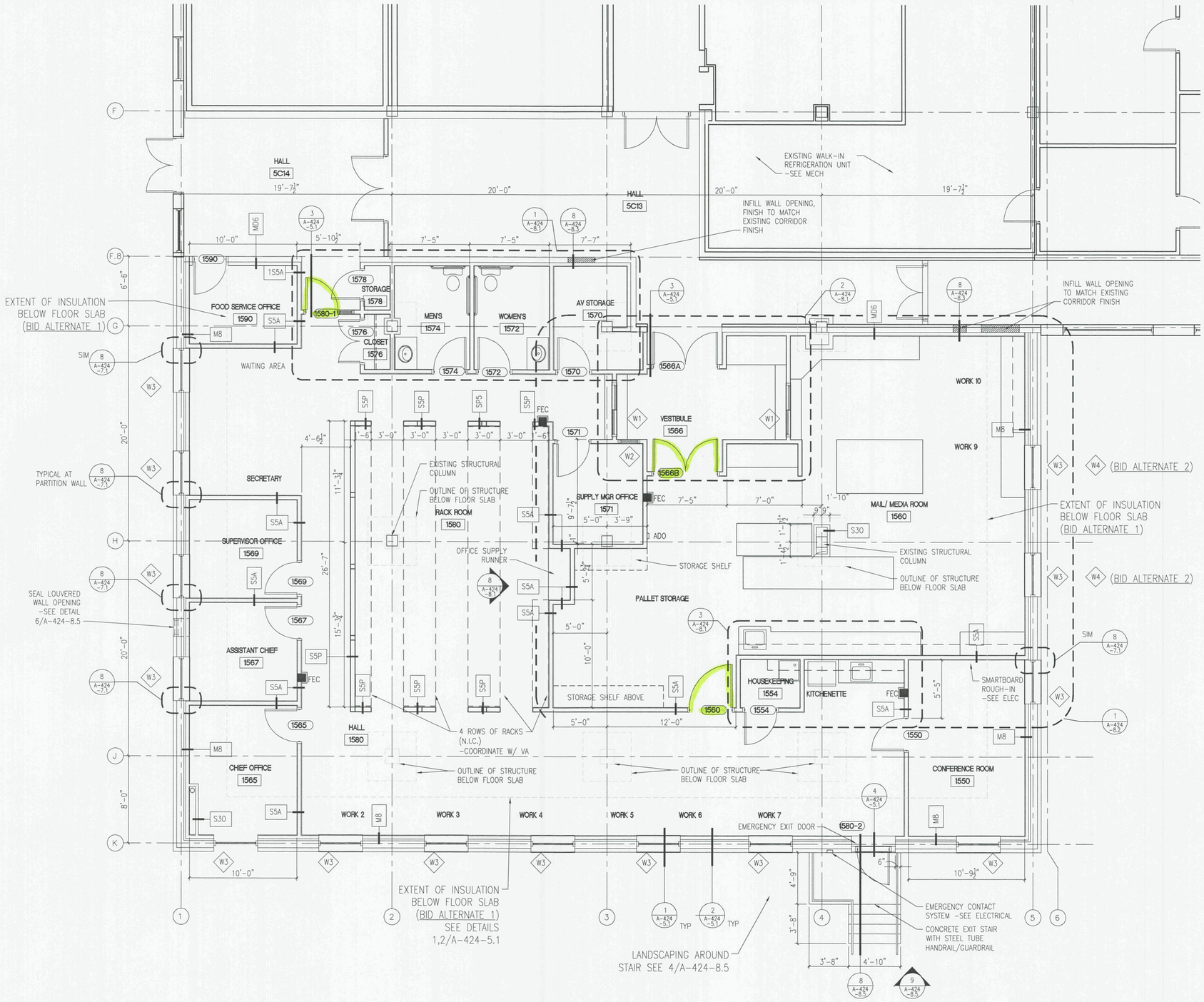
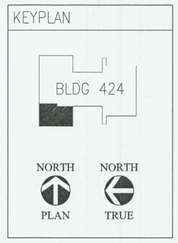


1 A-424-2.1 FLOOR PLAN
SCALE: 1/4" = 1'-0"

KEYPLAN



FULLY SPRINKLED

BID DOCUMENTS	12/19/2012
Revisions:	Date

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Drawing Title: FLOOR PLAN

Approved: Project Director

Project Title: RENOVATE BUILDING 424 FOR LOGISTICS

Location: VA MEDICAL CENTER TOMAH WI

Date: 12-19-2012 | Checked: PR | Drawn: WSH

Project Number: 676-12-112
Building Number: 424
Drawing Number: A-424-2.1
Dwg. 5 of 48

Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08-6231 (MAR 2012)

1 POWER & SYSTEMS PLAN

1/4" = 1'-0"

NORTH

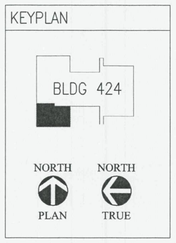
KEYED NOTES

1. RECEPTACLE TO BE MOUNTED INSIDE OF CABINET ABOVE FOR MICROWAVE. VERIFY MOUNTING HEIGHT PRIOR TO INSTALLATION.
2. NEW PANEL "C" TO BE MOUNTED WITHIN NEW WING WALL. FIELD COORDINATE WITH G.C.
3. 1 1/4" CONDUIT TO 6x6 J-BOX FOR PROJECTOR CONTROLS. J-BOX, CONDUIT, J-BOX, CEILING MOUNTED RECEPTACLE AND COMMUNICATIONS ARE ROUGH-IN ONLY.
4. J-BOX SHALL BE 4x4 w/SINGLE BOX TRIM. TERMINATE 1" CONDUIT AND EXTEND ABOVE ACCESSIBLE CEILING WITH 90° BEND TOWARD CENTER OF ROOM. MOUNTING HEIGHT AS SHOWN VERIFY LOCATION WITH I.T. DEPT.
5. PUSH BUTTON PROVIDED BY GC, INSTALLED BY EC. COORDINATE WIRING REQUIREMENTS WITH DOOR HARDWARE SHOP DRAWINGS.
6. CIRCUIT THIS PAGING SPEAKER TO EXISTING WIRING RETAINED DURING DEMOLITION. PROVIDE NEW WIRING TO REMAINING SPEAKERS SHOWN ON PLANS. WIRING TO MATCH EXISTING.
7. FLOOR MOUNTED DEVICE SHALL BE SIMILAR TO WIREMOLD RC7 SERIES POKE-THRU. DO NOT INTERFERE WITH ANY STRUCTURAL ELEMENTS AND X-RAY FLOOR SLAB AS REQUIRED. COORDINATE LOCATION AND DEVICE REQUIREMENTS WITH GC AND OWNER.
8. PROVIDE AN AXIS COMMUNICATIONS CCTV CAMERA #P3344-V WITH AN IMMERVISION LENS #IMV-1/3NI WITH A VIDEO ALARM 360 DEGREE VIEWING HOUSING #IRM360-IV, AND CAT6 CABLING TO I.T. CLOSET 1506. PROVIDE MILESTONE CORPORATE SOFTWARE WITH THE EQUIPMENT AS WELL AS ADDITIONAL COST FOR JOHNSON CONROLS TO INTEGRATE THE NEW CAMERA INTO THE EXISTING P2000 ACCESS CONTROL SYSTEM. CONTRACTOR RESPONSIBLE FOR TESTING CABLING AFTER INSTALLATION AND TERMINATIONS ARE COMPLETE.
9. EMERGENCY SHUT OFF FOR ROOFTOP UNIT (RTU). COORDINATE WITH HVAC INSTALLER AND TIE INTO BUILDING AUTOMATION SYSTEM.
10. PROVIDE NEW JOHNSON CONTROL CARD READER #JCI RPK40 AND ALL ROUGH-IN, CABLING, TESTING AND PROGRAMMING REQUIRED FOR COMPLETE AND OPERATIONAL SYSTEM. REFER TO 2A-2D SHEET E-424-1.3 FOR ADDITIONAL INFORMATION. COORDINATE WIRING WITH DOOR HARDWARE SHOP DRAWINGS.
11. DOOR LOCKING MECHANISM SHALL UNLOCK UPON ACTIVATION OF THE CARD READER, REQUEST TO EXIT DEVICE, OR EITHER OF THE TWO MOMENTARY PUSH BUTTONS. INTEGRAL ELECTRIC DOOR OPERATOR SHALL AUTOMATICALLY OPEN DOOR UPON ACTIVATION OF EITHER OF THE TWO MOMENTARY PUSH BUTTONS. COORDINATE WIRING WITH DOOR HARDWARE SHOP DRAWINGS.
12. EMERGENCY TELEPHONE. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND SYMBOLS LIST FOR APPROVED MANUFACTURER.
13. POWER CONNECTION TO EMERGENCY EGRESS DOOR CONTROLLER.
14. WIRE DOOR HOLD OPENS TO NEAREST CORRIDOR RECEPTACLE CIRCUIT. FIRE ALARM CONTROL MODULE SHALL RELEASE POWER TO DOOR HOLDS UPON ACTIVATION OF SMOKE DETECTOR.

GENERAL NOTES

1. ALL CIRCUITS FED FROM PANEL "C" UNLESS NOTED OTHERWISE.
2. CABLE TRAY TO BE WIRE CABLE TRAY 8"WIDE x2"DEEP AND .12 WIRE DIAMETER. COORDINATE LOCATION AND ROUTE WITH HVAC AND I.T. DEPT.
3. WALL PHONES PER PLAN. VERIFY WITH OWNER/I.T. DEPT. FOR COMMUNICATION DEVICE LOCATONS AND REQUIREMENTS.
4. I.T. CLOSET:
   PROVIDE A CISCO CATALYST 3750V2-48R-S (WS-C3750V2-48PS-S910/100w/POE STANDARD IMAGE)) WITH 2 EACH GE SFP, LC CONNECTOR LX/LH TRANSCEIVER (#GLS-LH-SM) AND 8x5xNBD SMARTNET.
   PROVIDE (3) 48 PORT, PARCK MOUNTED PUNCHDOWN PATCH PANEL. TYPE PANDUIT, ORTRONICS, LEVITON UNIVERSAL A/B EXTREME, 6+ 48 PORT OR APPROVED EQUAL. COORDINATE MOUNTING LOCATIONS WITH I.T. DEPARTMENT PRIOR TO INSTALLATION. CONTRACTOR TO PROVIDE ADDITIONAL CABLE MANAGEMENT AND TIME TO MOVE EXISTING SWITCHES AND PATCH PANELS DOWN WITHIN RACK TO ALLOW FOR NEW EQUIPMENT. PROVIDE ANY NECESSARY PATCH CABLING AND TERMINATIONS REQUIRED FROM SWITCH TO BACK SIDE OF PATCH PANELS.
5. NEW FIRE ALARM DEVICES SHALL BE COMPATIBLE WITH EXISTING CERBERUS PYROTRONICS FIRE ALARM SYSTEM. EXISTING NOTIFICATION CIRCUIT CURRENTLY SERVING THIS AREA SHALL BE REUSED IF CONTRACTOR DETERMINES CAPACITY IS ADEQUATE. IF ADDITIONAL NAC PANEL IS REQUIRED, IT SHALL BE INSTALLED IN AV STORAGE ROOM 1570 ADJACENT TO NEW ELECTRICAL PANEL. SERVE NAC PANEL WITH 120V, 20A/1P EMERGENCY CIRCUIT FROM NEAREST LIFE SAFETY PANEL CURRENTLY SERVING THIS SPACE. PROVIDE RED CIRCUIT BREAKER WITH HANDLE LOCK.

KEYPLAN



BID DOCUMENTS	12/19/2012
Revisions:	Date

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Drawing Title: ELECTRICAL - POWER AND SYSTEMS PLAN	Project Title: RENOVATE BUILDING 424 FOR LOGISTICS		Project Number: 676-12-112
Approved: Project Director	Location: VA MEDICAL CENTER TOMAH WI		Building Number: 424
	Date: 12-19-2012	Checked: PCC	Drawing Number: E-424-1.2
		Drawn: LA	Dwg. 47 of 48

Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08-6231, OCT 1978