

three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot

ITEM SCHEDULE

ITEM	ITEM DESCRIPTION	MANUFACTURER
T-1	Wall Type Outlet	PASS AND SEYMOUR OR EQUAL
TD-1	DATA/VOICE COMBO	PASS AND SEYMOUR OR EQUAL
V-1	Video wall type	PASS AND SEYMOUR OR EQUAL
D-2	data/video mounted 6" AFF	PASS AND SEYMOUR OR EQUAL
S-1	Paging System Speaker	VALCOM S-522A-2 W/V-TBAR or Equal
S-2	Door operator contact - push pad	Preferred Windows and Doors or Equal

LEGEND

T-1	OUTLET TELEPHONE; LETTER INDICATES AS FOLLOWS: J = JACK TYPE W = WALL TYPE
D-2	DATA OUTLET MOUNTED 1/8" OR 60" TO CENTER AFF UNLESS OTHERWISE NOTED
V-1	OUTLET; LETTER INDICATES AS FOLLOWS: A = AUDIO V = VIDEO I = INTERCOM
TD-1	OUTLET, COMBINATION DATA/VOICE COMMUNICATION MOUNTED 1/8" TO CENTER AFF UNLESS OTHERWISE NOTED
TA-1	CHECKPOINT TEMPERATURE AND HUMIDITY ALARM - VA PROVIDED, CONTRACTOR INSTALLED

SAFETY AND SECURITY SYMBOLS

W	PUSH PAD; LETTER INDICATES AS FOLLOWS: M=MOUNT C=CEILING D=DESK F=FLUSH H=HIDDEN M=MULLION P=PEDESTAL R=RACK S=SURFACE W=WALL T=TECHNOLOGY/TYPE B=BELL PUSH D=DURESS P=PANIC R=DOOR RELEASE. X=REQUEST-FOR-EXIT
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GENERAL NOTES:

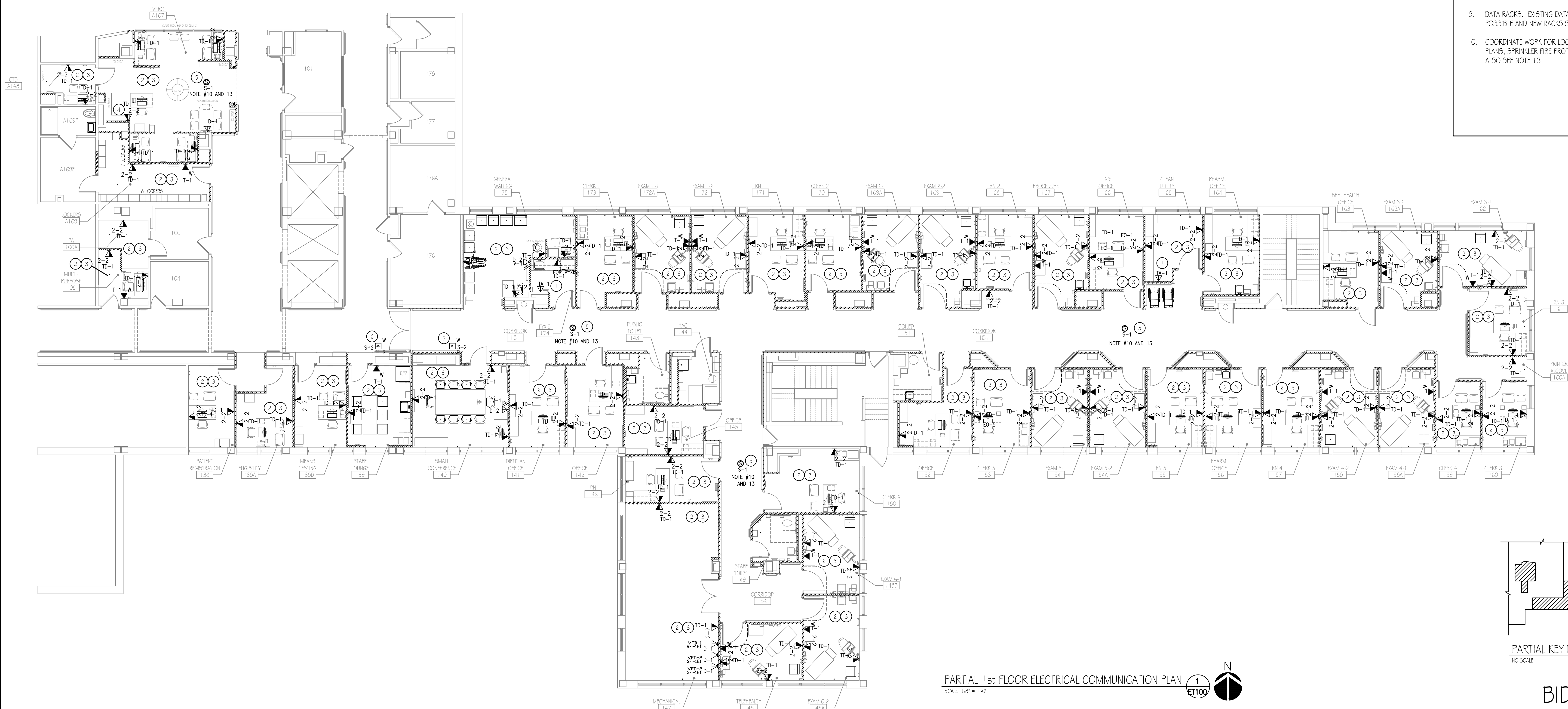
1. PROVIDE 3/4" C STUB WITH PULL STRING FROM WALL BOX TO 1/2" ABOVE ACCESSIBLE CEILING TO WITHIN 48" OF J-HOOK LINE. EACH DROP LOCATION SHALL CONSIST OF 4" SQUARE BOX WITH SINGLE GANG PLASTER RING.
2. PROVIDE 4' X 4' BACK BOX WITH SINGLE GANG PLASTER RING FOR EACH DATA/TELEPHONE DROP LOCATION. DROP LOCATION SHALL BE POSITIONED ADJACENT TO RECEPTACLES INDICATED ON POWER PLANS DRAWING EP100.
3. PROVIDE AND INSTALL 70V, 5W MAXIMUM, 8" SPEAKERS WITH 2C, 14GA SHIELDED SPEAKER CABLE. PROVIDE COMPLETE CONNECTION. CONTRACTOR SHALL INSTALL ALL REQUIRED COMPONENTS FOR A COMPLETE AND OPERABLE SYSTEM. CONNECT TO EXISTING HOSPITAL WIDE PAGING SYSTEM.
4. ALL VIDEO FEEDS SHALL BE FEED BACK TO EXISTING VIDEO ANTENNA SYSTEM LOCATED IN THE EXISTING TELEPHONE ROOM 176A.

PLAN NOTES:

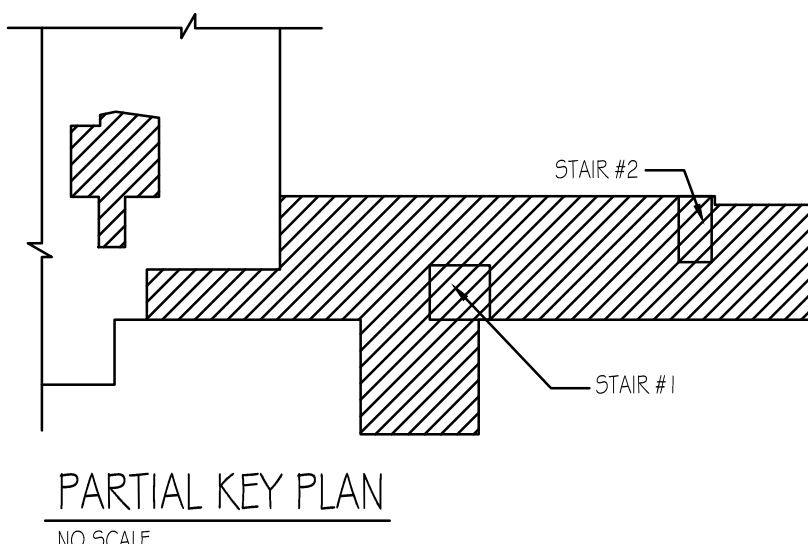
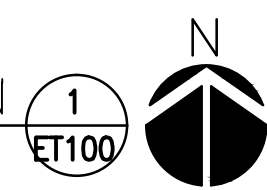
1. CONTRACTOR TO INSTALL TEMPERATURE AND HUMIDITY ALARM IN LOCATIONS SHOWN ON THE PLAN. THIS SYSTEM IS BY CHECKPOINT SYSTEMS AND IS A WIRELESS BASED. VA DIO MED WILL PROVIDE THE EQUIPMENT AND DIRECTION TO THE CONTRACTOR. CONTRACTOR TO VERIFY PRIOR TO BID.
2. INSTALL NEW OUTLETS AS SHOWN IN LOCATIONS PROVIDED ON THE PLAN.
3. INSTALL NEW CABLE FROM ROOM OUTLETS TO CORRIDOR CABLE TRAYS.
4. PROVIDE RACEWAY WIRE MOLD AND 6FT PLUG STRIP FOR COMPUTER LOCATED IN VERC 167
5. INSTALL SPEAKERS IN LOCATIONS SHOWN. SEE NOTE 10
6. INSTALL PUSH PAD AUTOMATIC DOOR OPERATORS IN LOCATION SHOWN. VERIFY WITH ARCHITECTURAL PLANS AND POWER PLANS
7. FURNISH, AND INSTALL ANY OTHER ITEM REQUIRED TO COMPLETE THE INTENDED WORK PER SPECIFICATIONS AND DRAWINGS ELSEWHERE.

GENERAL NOTES:

1. CABLING SHOULD BE INSTALLED ACCORDING TO EIA TIA 568A AND BICSI STANDARDS. HORIZONTAL ORGANIZERS SHALL BE INSTALLED BETWEEN EACH PATCH PANEL AND 1 VERTICAL ORGANIZER SHALL BE INSTALLED ON THE RIGHT SIDE. ALL CABLING SHALL BE TESTED AND CERTIFIED.
2. VOICE CABLING SHALL BE TERMINATED ON 66M BLOCKS IN THE DATA CLOSET AND THE DATA CABLING SHALL BE TERMINATED ON PATCH PANELS IN THE DATA CLOSET WITH A MINIMUM CAT6 RATING.
3. OUTLET LOCATIONS. INSTALL QUANTITY AND ARRANGEMENT AS SHOWN ON DRAWING.
4. JACKS. THE STANDARD FACEPLATES ARE TO BE QUAD OUTLET, WHERE THE TWO DATA CABLES OCCUPY THE BOTTOM TWO JACKS AND THE VOICE CABLE IS SPLIT INTO TWO LINES AND OCCUPIES THE TOP TWO JACKS. THE VOICE CABLE IS TO BE SPLIT USING THE WHITE BLUE AND THE WHITE ORANGE FOR ONE JACK AND THE WHITE GREEN AND THE WHITE BROWN INTO THE OTHER JACK, IN ACCORDANCE WITH DETAIL 1/ET-500. THE JACKS AND FACEPLATES ARE TO BE COMMSCOPE/SYSTEMAX. CABLES TO BE BY COMMSCOPE/SYSTEMAX OR APPROVED EQUAL.
5. NUMBERING SCHEME. EACH CABLE SHALL HAVE ITS OWN NUMBER AND BE LABELED ACCORDING TO VA O&T DIRECTIONS. NUMBERING IS TO CONTINUE WITH THE NEXT SEQUENTIAL NUMBER AVAILABLE FROM THE EXISTING CABLE NUMBERS IN THE TERMINATION CLOSET AND MAY CONTAIN LETTER SUFFIXES WHERE APPROPRIATE. LABELING SHALL BE DISPLAYED ON THE FACEPLATE AS CLOSE TO THE ACTUAL JACK AS POSSIBLE. SEE DETAIL 1/ET-500.
6. PATCH PANELS. EXISTING PATCH PANELS ARE TO BE USED WHENEVER POSSIBLE. A LOWER CAT RATING PATCH PANEL MAY EXIST AND THE SELECTED CONTRACTOR IS TO IDENTIFY AND ADVISE THE VA. IF NEW MATERIAL IS REQUIRED THE CONTRACTOR SHALL PROVIDE AND INSTALL MATERIAL CAN BE EITHER COMMSCOPE/SYSTEMAX OR EQUAL QUALITY WITH CAT 6 OR HIGHER RATING.
7. TESTING AND CERTIFICATIONS. ALL DATA CABLING WHETHER MOVED OR INSTALLED NEW IS TO BE TESTED AND CERTIFIED TO THE CAT RATING APPLICABLE. VOICE CABLING IS NOT REQUIRED TO BE CERTIFIED AS CAT RATING, BUT MUST BE WIRE MAP TESTED. ALL DOCUMENTATION IS TO BE PROVIDED SOFTCOPY AS HARDCOPY IS NO LONGER DESIRED.
8. WIRE MANAGEMENT. EXISTING VERTICAL AND HORIZONTAL ORGANIZERS ARE TO BE USED WHENEVER POSSIBLE. IF NEW MATERIAL IS REQUIRED THE CONTRACTOR SHALL PROVIDE AND INSTALL DATA RACKS SHALL HAVE VERTICAL AND HORIZONTAL ORGANIZERS AFFIXED.
9. DATA RACKS. EXISTING DATA RACKS LOCATED IN ROOM 176A ARE TO BE USED WHERE POSSIBLE AND NEW RACKS SHALL BE 19" X 84" AND ANCHORED TO THE FLOOR.
10. COORDINATE WORK FOR LOCATIONS OF SPEAKERS WITH THE LIGHTING PLAN, MECHANICAL PLANS, SPRINKLER FIRE PROTECTION PLANS AND ARCHITECTURAL REFLECTED CEILING PLAN. ALSO SEE NOTE 13



PARTIAL 1st FLOOR ELECTRICAL COMMUNICATION PLAN
SCALE: 1/8" = 1'-0"



BIDDING DOCUMENTS
FULLY SPRINKLERED

BIDDING DOCUMENTS	03/27/2013
Revisions	Date



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Approved: Medical Center Associate Director

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SIGNATURE: _____

Drawing Title

ELECTRICAL DATA AND COMMUNICATION

Approved: Engineering Service

NAME: _____

SIGNATURE: _____

Approved: Project Director

NAME: _____

SIGNATURE: _____

Project Title

Renovate First Floor East Wing
for PACT

Location

2121 Lake Ave., Fort Wayne, IN 46805

Date

03/27/2013

Checked

J5

Drawn

D5

Project Number

610A4-12-107

Building Number

01

Drawing Number

ET-100

Dwg. 53 of 58

Office of
Construction
and Facilities
Management

