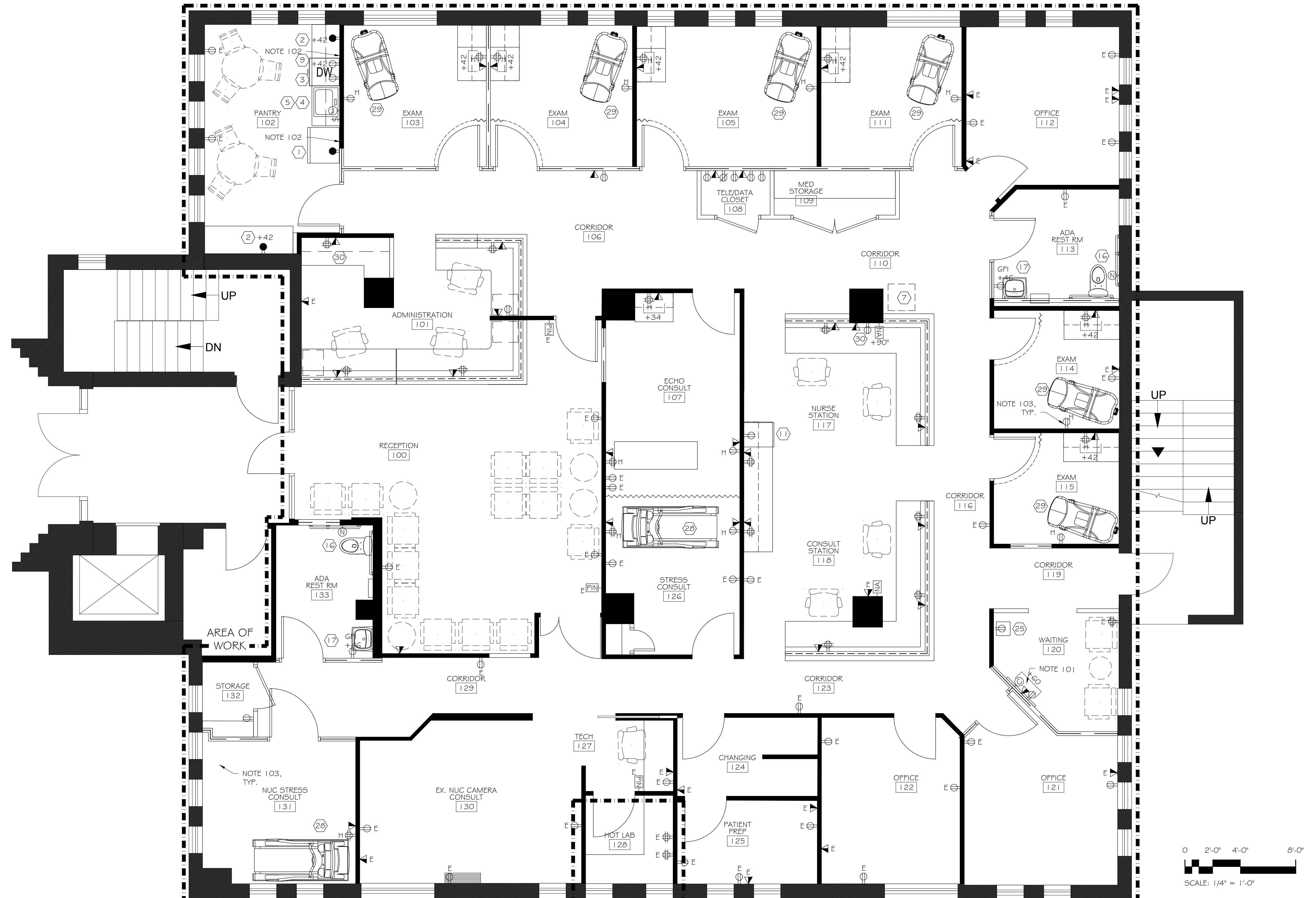


# POWER & COMMUNICATION NOTES

- GENERAL NOTES ARE PROVIDED ON SHEET A1.1 OF THE CONSTRUCTION DOCUMENTS. WORK PERFORMED BY CONTRACTOR AND ALL SUBCONTRACTORS ARE TO CONFORM TO BOTH THE DRAWINGS AND THE GENERAL NOTES.
- CONTRACTORS AND SUBCONTRACTORS TO THOROUGHLY VERIFY ALL CONDITIONS IN FIELD INCLUDING ELECTRICAL PANEL CAPACITY.
- CONTRACTOR TO COORDINATE ARCHITECTURAL AND ENGINEERING DRAWINGS AND NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO DELIVERY OF PRICING/BID.
- MOUNT ALL RECEPTACLES AND SWITCHES AS INDICATED ON DETAIL 2, SHEET A-4, UNLESS OTHERWISE NOTED.
- ALL RECEPTACLES, SWITCHES AND DEVICES SHOWN ARE TO BE NEW UNLESS NOTED AS EXISTING TO REMAIN. ALL NEW RECEPTACLES SHALL BE: LUTRON, DECORA TYPE, UNLESS OTHERWISE NOTED. THE COLOR OF ALL NEW RECEPTACLES, SWITCHES AND COVERPLATES SHALL BE WHITE, UNLESS OTHERWISE NOTED.
- COORDINATE EXACT LOCATION AND MOUNTING HEIGHT OF RECEPTACLES AND SWITCHES WITH ARCHITECTURAL ELEVATIONS, SECTIONS AND DETAILS.
- PROVIDE GROMMETS IN COUNTERTOPS ABOVE ALL RECEPTACLE LOCATIONS. GROMMET TO BE 3" EDP BY DOUG MOCKETT & CO., UNLESS OTHERWISE NOTED. GROMMET COLOR: T.B.D.
- CONTRACTOR SHALL COORDINATE MOUNTING HEIGHT OF RECEPTACLES WITH MANUFACTURER'S RECOMMENDATIONS FOR ALL EQUIPMENT DESIGNATED.
- ALL NEW SWITCHES AND RECEPTACLES ARE SUBJECT TO OWNER/ARCHITECT REVIEW AND ADJUSTMENT IN FIELD. CONTRACTOR TO REVIEW LOCATIONS WITH ARCHITECT IN FIELD PRIOR TO FINAL INSTALLATION.
- CONTRACTOR TO COORDINATE FRAMING TO INSTALL RECEPTACLES IN EXACT LOCATIONS INDICATED. DEVICES SHOWN ADJACENT ARE TO BE INSTALLED ADJACENT. PROVIDE BRIDGING BETWEEN STUDS AS NECESSARY. GANG OUTLETS AND SWITCHES WHERE POSSIBLE. GANGED OUTLETS SHALL BE INSTALLED WITH COMMON FACE PLATE. GANGED SWITCHES SHALL BE INSTALLED UNDER A COMMON FACE PLATE.
- PROVIDE FLEXIBLE ELECTRICAL CONDUIT (I.E. GREENFIELD) FOR ALL RECEPTACLES (BOTH POWER & COMMUNICATION) LOCATED ON LOW/PARTIAL HEIGHT PARTITIONS AND PERIMETER WALLS (TYPICAL THROUGHOUT).
- PROVIDE SYSTEMS FURNITURE HOOK-UP (I.E. WHIP CONNECTION) FOR POWER & COMMUNICATION AS SHOWN ON PLAN. VERIFY SYSTEM REQUIREMENTS AND CIRCUITRY WITH FURNITURE VENDOR. CONTRACTOR SHALL PROVIDE & INSTALL EXTENSION BOXES WHERE NEEDED. CONTRACTOR SHALL INSTALL SYSTEM FURNITURE POWER ENTRY CABLES PROVIDED BY TENANT. INSTALLATION SHALL OCCUR AFTER INSTALLATION OF FLOOR FINISHES.
- RECEPTACLES ADJACENT TO "WET" AREAS SHALL BE G.F.I. TYPICAL AS PER IBC 2009.
- AT COMMUNICATION AND/OR SECURITY RECEPTACLE. PROVIDE AND INSTALL ONE (1) GANG BACK BOX WITH ONE (1) GANG TRIM RING AND DRAG LINE TO CEILING. PROVIDE 3/4" EMT TO CEILING AT INSULATED WALLS.
- COORDINATE ALL THERMOSTAT LOCATIONS WITH ARCHITECT AND TENANT/OWNER PRIOR TO INSTALLATION. ALLOW HEIGHT FOR SYSTEMS FURNITURE.
- PROVIDE SLAB PENETRATION TO DEVICES SHOWN AS REQUIRED. CONTRACTOR TO PROVIDE ALL TESTS FOR CORE DRILLS AND SLAB PENETRATIONS AND/OR CHIPPING AS REQUIRED BY BUILDING MANAGEMENT. EXACT LOCATION OF DEVICES TO BE DETERMINED IN FIELD BY ARCHITECT. COORDINATE FINAL CONNECTIONS WITH VENDORS AS REQUIRED (AUDIO/VISUAL, SECURITY, COMMUNICATIONS AND/OR FURNITURE VENDOR).
- PROVIDE 2" FLEXIBLE CONDUIT FROM ELECTRICAL DEVICE (FLUSH FLOOR MOUNTED BOX) TO NEAREST AV TRIM RING AT FLAT PANEL DISPLAY OR PROJECTION SCREEN. PROVIDE 6" BREAK AT AV TRIM RING BEFORE CONTINUING TO PLENUM ABOVE. REFER TO NOTE 16 ABOVE.
- PROVIDE 2" FLEXIBLE CONDUIT FROM ELECTRICAL DEVICE (IN-WALL BACK BOX OR AV TRIM RING) TO PLENUM CEILING ABOVE, TYPICAL AT LOCATIONS NOTED.
- PROVIDE 12" X 2" PLASTIC GROMMET TO METAL RUNNERS ABOVE AV UNIT AS REQUIRED TO PROTECT AV CABLING TO PLENUM LOCATIONS. COORDINATE WITH AV VENDOR.
- MOUNT RECEPTACLES AND DEVICES WITHIN MILLWORK CABINETS AS NECESSARY. COORDINATE WITH MILLWORKER AS REQUIRED.
- ALL AREAS NOT SHOWN WITH ELECTRICAL INFORMATION ARE EXISTING CONDITIONS TO REMAIN.
- ALL FURNITURE ON THIS PLAN IS SHOWN FOR REFERENCE ONLY, AND SHOWS ONLY NOMINAL DIMENSIONS & APPROXIMATE SIZES & LOCATIONS OF PROPOSED FURNITURE. INTERPLAN INCORPORATED IS NOT RESPONSIBLE FOR TENANTS OWN SUBCONTRACTORS (I.E. FURNITURE CONTRACTOR/INSTALLERS). IF THE TENANT HIRES HIS OWN SUBCONTRACTOR, INTERPLAN INCORPORATED WILL NOT ACCEPT THE RESPONSIBILITY FOR DELAYS OR PROBLEMS RESULTING FROM DEFICIENCIES IN OTHER PEOPLES WORK. ALL DIMENSIONS ARE TO BE VERIFIED IN FIELD. INTERPLAN INCORPORATED ACCEPTS NO RESPONSIBILITY FOR ERRORS IN DIMENSIONS. TENANTS OWN CONTRACTORS SHALL BE SOLELY RESPONSIBLE FOR COMPLIANCE W/ ALL FEDERAL, STATE, & LOCAL CODES.



## SHEET SPECIFIC POWER & COMMUNICATION NOTES

- PROVIDE RECESSED 'CLOCK TYPE' RECEPTACLE FOR ALL POWER, DATA AND CABLE CONNECTIONS BEHIND ALL FLAT PANEL DISPLAY UNITS WHERE NOTED.
- PROVIDE WATERLINE WITH BACKFLOW PREVENTOR VALVE FOR REFRIGERATOR, ICE MAKER, BOOTLESS WATER COOLER & COFFEE MAKER.
- ALL NEW AND EXISTING OUTLETS IN EXAM AND CONSULT ROOMS SHALL BE HOSPITAL GRADE.

## POWER & COMMUNICATION LEGEND

	STANDARD ELECTRICAL DUPLEX OR QUAD RECEPTACLE & COVERPLATE. COLOR: WHITE.		NUMBER INDICATES EQUIPMENT, REFER TO EQUIPMENT LIST SHEET A1.3.		NURSE'S CALL CHAIN - SINGLE STATUS EMERGENCY CORNELL COMMUNICATIONS MODEL NO. E114 OR APPROVED EQUAL. PROVIDE OUTLET BOX RECESSED IN WALL AT 42" AFF. PROVIDE RING AND STRING.
	LIMITED STANDARD ELECTRICAL DUPLEX OR QUAD RECEPTACLE WITH GROUND CONDUCTOR. LIMIT OF SIX DUPLEX RECEPTACLES PER COMPUTER CIRCUIT. LIMIT OF TWO DUPLEX RECEPTACLES PER PRINTER CIRCUIT. ALL DEVICES TO BE COMPUTER UNLESS NOTED AS PRINTER. RECEPTACLE COLOR: WHITE W/ WHITE COVERPLATE. PRINTER LOCATIONS TO BE GREY W/ WHITE COVERPLATE. REFER TO EQUIPMENT ITEM 12 FOR TYPICAL COMPUTER POWER REQUIREMENTS.		+44" DENOTES MOUNTING HEIGHT A.F.F.		NURSE CALL ANNUNCIATOR CORNELL COMMUNICATIONS MODEL NO. LS-201 OR APPROVED EQUAL. PROVIDE OUTLET BOX RECESSED IN WALL AT 90" AFF CENTERED HORIZONTALLY ON PARTITION. PROVIDE RING AND STRING.
	HARDWIRE ELECTRICAL CONNECTION (JUNCTION BOX) TO EQUIPMENT / APPLIANCES.		GFI DENOTES GROUND FAULT INTERRUPT CIRCUIT.		H DENOTES HOSPITAL GRADE OUTLETS.
	DENOTES WIRELESS ACCESS POINT, MOUNTED IN CEILING PLENUM (NO POWER REQUIRED), COORDINATE WITH TENANTS COMMUNICATIONS VENDOR.		AV AUDIO-VISUAL RECEPTACLE. PROVIDE CONDUIT PER NOTE 18.		E DENOTES EXISTING TO REMAIN. (ALL OTHER RECEPTACLES SHOWN ON PLAN ARE NEW)
	CABLE T.V. RECEPTACLE. COORDINATE WITH COMMUNICATIONS VENDOR. REFER TO NOTE 14.		SECURITY KEYCARD READER, MOUNT @ 4'-0" A.F.F. COORD WITH SECURITY VENDOR. REFER TO NOTE 14.		EXISTING SECURITY READER TO BE TIED TO NEW DOOR/LOCK ASSEMBLY.
	COMBINATION VOICE / DATA RECEPTACLE, FUNCTION AND NUMBER OF PORTS TO BE DETERMINED BY TENANT. REFER TO NOTE 14.		DENOTES 'PUSH TO EXIT' DEVICE. COORDINATE WITH SECURITY VENDOR. REFER TO NOTE 14.		
	VOICE RECEPTACLE ONLY. REFER TO NOTE 14.				

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MPE ENGINEER:

THIS IS YOUR AUTHORIZATION TO ISSUE THESE PLANS AND SPECIFICATIONS FOR BID AND FOR CONSTRUCTION. INTERPLAN INCORPORATED ACTS SOLELY AS CLIENTS AGENT AND ALL PAYMENT OBLIGATIONS AND CLAIMS SHALL BE ADJUSTED SOLELY BETWEEN CLIENT AND VENDOR OR CONTRACTOR.

CLIENT AUTHORIZATION:  
 DATE:

**VIRGINIA HEART VIENNA**  
 130 PARK STREET  
 FIRST FLOOR  
 VIENNA, VA

No.	Date	Issue
1	06.14.17	PERMIT AND PRICING

Design: CG/RCG/KT  
 Approved: CAG

Sheet Name: **POWER & COMMUNICATIONS PLAN**

Scale: 1/4" = 1'-0"  
 Job No. 43GO  
 Sheet Number **A5.0**

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