



- 1 OWNER FURNISHED OWNER INSTALLED NETWORK EQUIPMENT
- 2 FIBER DRAWER, PORT, RACK MOUNT. COORDINATE END CONNECTORS WITH VA IT DEPT. LABEL FRONT COVER TO INDICATE SOURCE (CER) AND EACH DESTINATION(S) (RESPECTIVE CC). SEE "FIBER OPTIC BACKBONE NOMENCLATURE", THIS SHEET.
- 4 EQUIPMENT ROOM DATA PATCH CORDS, FACTORY TERMINATED AND TESTED CATEGORY 6 (MINIMUM) FOUR PAIR 100-OHM UNSHIELDED TWISTED PAIR (UTP) CABLE WITH 24 GAGE STRANDED COPPER CONDUCTORS, COLOR BLUE. PROVIDE WITH 8-PIN MODULAR PLUG ON BOTH ENDS AND TIA 568A PIN/PAIR ASSIGNMENTS WITH NO BOOT. FIELD BUILT OR ASSEMBLED. PATCH CORDS WILL NOT BE ACCEPTED. PROVIDE PATCH CORD QUANTITIES AND LENGTHS AS SCHEDULED THIS SHEET. PROVIDE DOCUMENTATION OF FACTORY TESTING CATEGORY 6 REQUIREMENTS AT SUBMITTAL.
- 4A EQUIPMENT ROOM VOICE PATCH CORDS, FACTORY TERMINATED AND TESTED CATEGORY 6 (MINIMUM) FOUR PAIR 100-OHM UNSHIELDED TWISTED PAIR (UTP) CABLE WITH 24 GAGE STRANDED COPPER CONDUCTORS, COLOR WHITE. PROVIDE WITH 8-PIN MODULAR PLUG ON BOTH ENDS AND TIA 568A PIN/PAIR ASSIGNMENTS WITH NO BOOT. FIELD BUILT OR ASSEMBLED. PATCH CORDS WILL NOT BE ACCEPTED. PROVIDE PATCH CORD QUANTITIES AND LENGTHS AS SCHEDULED THIS SHEET. PROVIDE DOCUMENTATION OF FACTORY TESTING CATEGORY 5E REQUIREMENTS AT SUBMITTAL.
- 5 TIA CATEGORY 6, HORIZONTAL WIRING MODULAR ANGLED PATCH PANEL, 48 PORT, PROVIDE WITH FACTORY ICON/LABEL HOLDERS, DESIGNATION LABELS, REAR CABLE MANAGERS, AND MOUNTING HARDWARE. PROVIDE COLORED SNAP-IN BLANK TABS TO MATCH PORT LABELING OF JACKS AT OUTLETS.
- 5A TWO RACK SPACE HORIZONTAL CABLE MANAGER ON FRONT SIDE OF RACK. PROVIDE WITH SOLID COVER TO CONCEAL CABLES.
- 6 TIA CATEGORY 6 HORIZONTAL WIRING, 4 PAIR UTP, RISER RATED CABLE, 24 GAGE SOLID COPPER CONDUCTORS. ALL CABLE MUST HAVE THE WORDS "UL VERIFIED CATEGORY 6" STAMPED ON THE OUTER INSULATION JACKET. MAXIMUM INSTALLED LENGTH 90 METERS (295'). PROVIDE DOCUMENTATION OF CURRENT UL CERTIFICATION WITH SUBMITTALS
- 6A 25 PAIR CATEGORY 5E RATED TELEPHONE BACKBONE CABLE, COLOR GREY. CUSTOM LENGTH, PUNCH ONE END DOWN ON 66 BLOCK, FIELD CONNECTORIZE OTHER END ON PROTECTOR BLOCKS.
- 6B 25 PAIR CATEGORY 5E TELEPHONE CABLE, CMR (RISER) JACKET, CUSTOM LENGTH, PUNCH ONE END DOWN ON PROTECTOR BLOCK UPPER (OUTPUT) 110 BLOCK. PUNCH OTHER END DOWN ON 110 BLOCK.
- 6C 25 PAIR CATEGORY 5E PATCH PANEL INTERCONNECT CABLE, CMR JACKET, COLOR GREY, CUSTOM LENGTH, PUNCH DOWN ONE END IN ORDER ON 110 BLOCK AND THE OTHER END ON PATCH PANELS IN USOC PIN CONFIGURATION.
- 6D 25 PAIR CATEGORY 5E TELEPHONE CABLE, CMR (RISER) JACKET, COLOR GREY, CUSTOM LENGTH, PUNCH ONE END DOWN ON 110 BLOCK, FIELD CONNECTORIZE OTHER END ON PBX.
- 6E 100 PAIR CATEGORY 3 RATED OUTDOOR RATED TELEPHONE BACKBONE CABLE CUSTOM LENGTH, PUNCH ONE END DOWN ON PROTECTOR BLOCK IN VA CLINIC, CONNECTORIZE OTHER END ON NAVY CLINIC PROTECTOR BLOCKS.
- 7 TYPICAL COMMUNICATIONS OUTLET (CO) WITH CATEGORY 6 8-PIN MODULAR JACKS FOR DATA AND VOICE CONNECTIONS. SEE OUTLET DETAILS.

- NOTE:**  
RUN ALL CABLES CONTINUOUSLY BETWEEN TERMINATION POINTS INDICATED WITH NO INTERMEDIATE SLICES OR TERMINATIONS.
- PATCH CORD ROUTING NOTE:**  
SEE SINGLE LINE DIAGRAMS AND SPECIFICATIONS. BUNDLE IN STRAIGHT CABLE SECTION WITH VELCRO STRAP AT 6" ON CENTER (COLOR BLACK). BUNDLE FIBER OPTIC, VOICE, AND DATA PATCH CORDS SEPARATELY.
- CABLE "SERVICE LOOP" NOTE:**  
PROVIDE SLACK LENGTH IN ALL CABLES TO ALLOW FUTURE RETERMINATION OF ALL CONDUITORS/STRANDS UP TO FIVE TIMES WITHOUT REROUTING CABLE.
- GENERAL LABELLING NOTE:**  
ALL LABELS SHALL BE PRODUCED U FACTORY LABEL SHEETS FOR LASER PRINTERS PROVIDED FOR THE SPEC DEVICE BY THE DEVICE MANUFACTURER AND USING SOFTWARE PROVIDED BY DEVICE MANUFACTURER. THIRD PARTY LABELS ARE NOT ACCEPTABLE.

## VOICE/DATA PATCH CORD SCHEDULE NOTES

- 1) FURNISH PATCH CORDS TO OWNER LOOSE. VERIFY ALL QUANTITIES AND LENGTHS WITH COMMUNICATIONS IT AND PROVIDE SIGNED COPY OF RECEIPT TO ENGINEER AT PROJECT SUBSTANTIAL COMPLETION.
- 2) SEE SPECIFICATIONS FOR DETAILED REQUIREMENTS FOR PATCH CORD DELIVERY AND INSTALLATION. THE STRUCTURED CABLING SYSTEM CONTRACTOR SHALL ASSIST THE TELEPHONE SYSTEM PROVIDER IN INSTALLING PATCH CORDS FOR EACH TELEPHONE INSTRUMENT. ALL PATCH CORDS SHALL BE INSTALLED IN WIRE MANAGEMENT HARDWARE, UTILIZING LENGTHS THAT MAKE CONNECTIONS REQUIRED WITHOUT EXCESS STORAGE IN WIREWAYS. ALL PATCH CORDS SHALL BE NEATLY ROUTED, BUNDLED AND SECURED AT 6" ON CENTER WITH VELCRO STRAPS. BUNDLE VOICE PATCH CORDS SEPARATELY. DO NOT BUNDLE WITH DATA PATCH CORDS.
- 3) PROVIDE SPREADSHEET IDENTIFYING CONNECTIONS MADE, SEE SPECIFICATIONS.



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**Office of  
Construction  
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