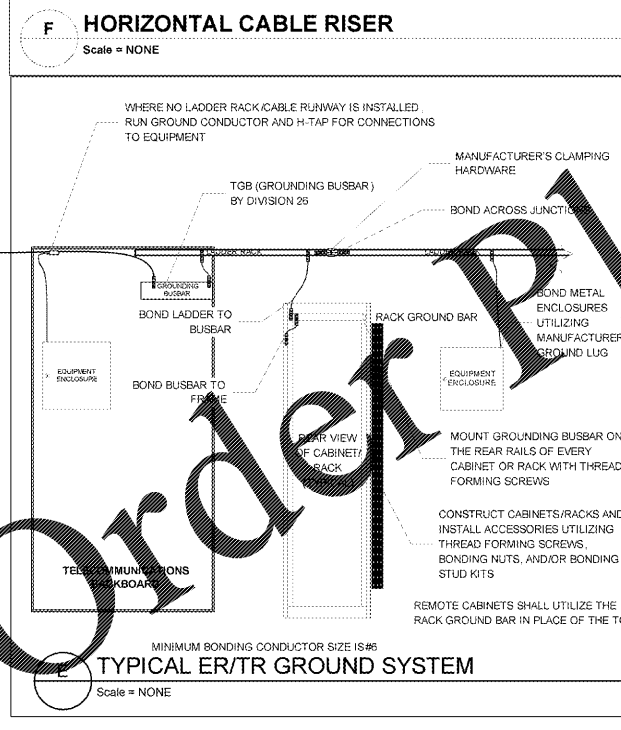
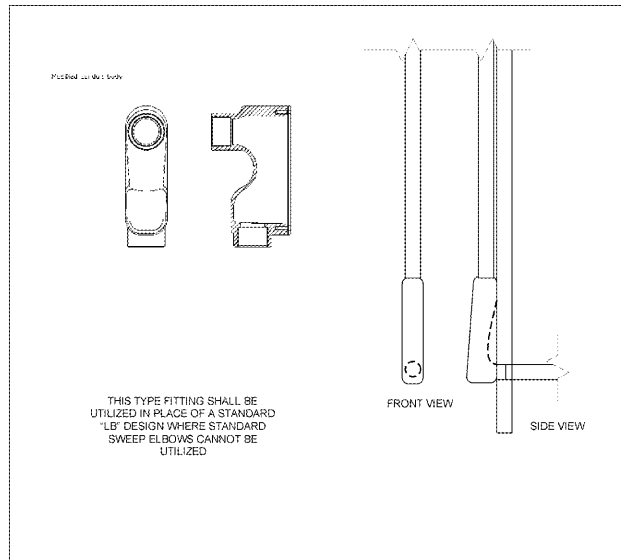


- LABELING NOTES:**
- ALL CABLES SHALL HAVE A LABEL AFFIXED TO THE JACKET AT EACH END 4 TO 8" FROM THE TERMINATION POINT. THIS LABEL SHALL IDENTIFY THE SOURCE, DESTINATION, AND PORT IDENTIFIER. EXAMPLE: TRXX-101-B6 OR 101-SVD.
 - THESE DETAILS ARE NOT INTENDED TO SHOW EXACT PROJECT REQUIREMENTS FOR RACK/CABINET LAYOUTS, FACEPLATE CONFIGURATION, EXACT CABLE TYPES, CABLE DESTINATIONS OR CABLE QUANTITIES. THESE DETAILS DO DIAGRAMMATICALLY INDICATE PROJECT REQUIREMENTS FOR LABELING, COLOR-CODING, AND TERMINATIONS FOR THIS PROJECT. USE THESE DETAILS AS A GUIDE TO PERMIT ANY QUESTIONS IN WRITING WITH THE PROCEDURE FOUND IN THE SPECIFICATIONS.
 - EACH TELECOMMUNICATIONS ROOM SHALL HAVE A UNIQUE IDENTIFIER CONSISTING OF 1) ROOM TYPE AND 2) FLOOR LOCATION. EXAMPLE: ER-1 FOR THE EQUIPMENT ROOM ON THE FIRST FLOOR OR TR-304 FOR A TELECOMMUNICATIONS ROOM ON THE THIRD FLOOR. ROOM NUMBER USED WHEN MULTIPLE ROOMS ARE REQUIRED ON A FLOOR.
 - IN CAMPUS ENVIRONMENTS WITH MULTIPLE BUILDINGS, EACH TELECOMMUNICATIONS ROOM SHALL HAVE A UNIQUE IDENTIFIER CONSISTING OF 1) BUILDING TYPE, 2) BUILDING LETTER BUILDING CODE, AND 3) FLOOR LOCATION. EXAMPLE: ER-GH-1 FOR THE MAIN EQUIPMENT ROOM ON THE FIRST FLOOR OF GILLUM HALL OR TR-304 FOR TELECOMMUNICATIONS ROOM IN UNIVERSITY HALL ON THE THIRD FLOOR IN ROOM304. ROOM NUMBERED WHEN MULTIPLE ROOMS ARE REQUIRED ON A FLOOR.
 - COORDINATE "F" ROOM NUMBERS OR IDENTIFIERS WITH OWNER PRIOR TO PERFORMING WORK. ALL LABELING SHALL CONFORM TO OPERATIONAL ROOM IDENTIFIERS FOR BUILDING USE. IF ACTUAL ROOM NUMBER AND ARCHITECTURAL ROOM NUMBERS ARE DIFFERENT, BOTH SHALL BE INCLUDED ON AS-BUILT FLOOR PLANS.
 - SOLID TRIANGLES DENOTE VOICE (TELEPHONE) REQUIREMENTS. HOLLOW TRIANGLES DENOTE DATA REQUIREMENTS. HALF SOLID TRIANGLES DENOTE VOICE AND DATA REQUIREMENTS. UNLESS OTHERWISE NOTED (Y) OR (N) HALF SOLID TRIANGLE WILL RECEIVE ONE VOICE AND ONE DATA JACK AND EACH SOLID TRIANGLE WILL RECEIVE ONE VOICE JACK AND EACH HOLLOW TRIANGLE SHALL RECEIVE A DATA JACK.
 - NOTATIONS WILL BE SUBSCRIPTS TO THE SYMBOL. 'x' WHERE 'x' IS THE QUANTITY OF VOICE CABLES AND 'y' WHERE 'y' IS THE QUANTITY OF DATA CABLES.
 - CABLES INTENDED TO BE USED FOR VOICE APPLICATIONS SHALL BE IDENTICAL TO THOSE INTENDED FOR DATA APPLICATIONS. CONTINUING TO DIFFERENTIATE THEM AS SEPARATE IS USED TO DOCUMENT THE OWNER'S INTENT AND PROVIDE INFORMATION USED IN THE OVERALL DESIGN.
 - ALL CABLES USED FOR VOICE OR DATA SHALL BE TERMINATED ON 48 PORT "HORIZONTAL" PATCH PANELS IN THE ER/TR.
 - 48 PORT "HORIZONTAL" PATCH PANELS SHALL BE USED IN QUANTITIES NECESSARY TO TERMINATE ALL CABLES IN QUANTITIES AS INDICATED ON THE FLOOR PLANS.
 - IN EACH ER/TR "HORIZONTAL" PATCH PANELS SHALL BE LABELED BEGINNING WITH "A" AND CONTINUING ALPHABETICALLY THROUGH FOR ALL NECESSARY PANELS. THIS, IN CONJUNCTION WITH THE PORT NUMBER OF EACH PORT, WILL BE THE UNIQUE LINK IDENTIFIER.
 - EACH CABLE (LINK) SHALL HAVE A LABEL CONSISTING OF THE ORIGINATING POINT (ER/TR), THE DESTINATION POINT (ROOM), AND THE UNIQUE IDENTIFIER.
 - ALL HORIZONTAL CABLES SHALL BE TERMINATED IN ALPHANUMERICAL ORDER ON EACH PATCH PANEL.
 - HORIZONTAL 4 PAIR CABLING IS ALSO UTILIZED FOR PURPOSES OTHER THAN VOICE AND DATA. IN GENERAL THESE CABLES ARE USED FOR A/V, WIRELESS DATA, BUILDING SERVICES, AND VIDEO SECURITY CAMERAS. THESE CABLES ARE NOT TYPICALLY EASILY ACCESSIBLE TO USERS AND DO NOT HAVE THE SAME PATCHING FREQUENCY. AT MINIMUM THESE CABLES SHALL BE COMBINED IN THE ER/TR ON "SPECIAL USE" PATCH PANELS. LARGER CABLE COUNTS CAN JUSTIFY PANELS BY INDIVIDUAL USE. SEE SHEETS T-40X TO DETERMINE PROJECT REQUIREMENTS.
 - FIBER OPTIC PANELS SHALL BE IDENTIFIED WITH SOURCE, DESTINATION, STRAND IDENTIFIER AS WELL AS WITH THE CORE DIAMETERS.
 - LABEL CROSS-CONNECT FIELDS, RACK/CABINET PANELS, FACEPLATES, CABLES ETC. UTILIZING THE EXAMPLES IN THE DIAGRAM AS A GUIDE.

- BACKBONE LEGEND: (THIS DETAIL)**
- 25-PAIR CATEGORY 3 UNSHIELDED TWISTED PAIR CABLE
 - 4-PAIR CATEGORY 6 UNSHIELDED TWISTED PAIR CABLE
 - 6 STRAND MULTIMODE FIBER OPTIC CABLE
 - 8 STRAND SINGLE MODE FIBER OPTIC CABLE
 - RG-11 COAXIAL

- BACKBONE NOTES (THIS DETAIL)**
- BACKBONE CABLES ENTERING THE ER AND TR (S) SHALL CONTINUE WITHIN EACH ROOM TO THEIR SPECIFIED TERMINATION POINT WITH ADEQUATE SERVICE LOOP (SEE NOTES THIS DETAIL).
 - NOT USED
 - THIS DIAGRAM IS INTENDED TO SHOW BACKBONE CABLES REQUIRED BETWEEN MAJOR TERMINATION POINTS IN THIS PROJECT. THIS DIAGRAM IS NOT INTENDED TO INDICATE CABLE OR CONDUCTOR ROUTING OR TERMINATION METHODS OR LOCATIONS. UTILIZE DETAIL DRAWINGS AND FLOORPLANS FOR ADDITIONAL INFORMATION.



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