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6/11/2020
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DUCTBANK TRENCH DETAILS
1. PROVIDE SERVICE LOOP FOR ALL HORIZONTAL VOICE, DATA, AND VIDEO CABLES NOT TO EXCEED 10 FEET. LOCATION TO BE DETERMINED BY THE RUPM.

2. PROVIDE (3) 30A SPARE CIRCUITS IN ELECTRIC PANEL.

3. 3/4" AC FIRERATED PLYWOOD ON ALL WALLS, PAINTED WITH WHITE FIRE RETARDANT PAINT (DO NOT PAINT PLYWOOD LABEL). MOUNT PLYWOOD VERTICALLY AT 22" AFF WITH STAINLESS STEEL HARDWARE.

4. MOUNT QUAD OUTLETS WITH TOP OF BACKBOX AT 1" BELOW LADDER TRAY OR AT 85" AFF, WHICHEVER IS LOWER. LOCATIONS TO BE COORDINATED WITH RUTGERS UNIVERSITY.

5. BY IT/COMMUNICATIONS CONTRACTOR.

6. BY ARCHITECT/ROOM CONSTRUCTION CONTRACTOR. COORDINATE LOCATION WITH RUTGERS UNIVERSITY.

7. BY IT CONTRACTOR FOR EXISTING ROOMS.

8. CORE AND DISTRIBUTION RACKS MUST BE ADJACENT.

NOTES:

1. PROVIDE SERVICE LOOP FOR ALL HORIZONTAL VOICE, DATA, AND VIDEO CABLES NOT TO EXCEED 10 FEET. LOCATION TO BE DETERMINED BY THE RUPM.

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6. BY ARCHITECT/ROOM CONSTRUCTION CONTRACTOR. COORDINATE LOCATION WITH RUTGERS UNIVERSITY.

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6. BY ARCHITECT/ROOM CONSTRUCTION CONTRACTOR. COORDINATE LOCATION WITH RUTGERS UNIVERSITY.

7. BY IT CONTRACTOR FOR EXISTING ROOMS. BY BUILDING CONTRACTOR FOR NEW ROOMS.

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DRAWN BY: SAO
CHECKED BY: JF
DATE: 3/26/02

DWG. # TR-01

TITLE: TYPICAL TELECOMMUNICATIONS ROOM LAYOUT

TR-1
1 RACK (80 FT²)
NOTES:

1. PROVIDE SERVICE LOOP FOR ALL HORIZONTAL VOICE, DATA, AND VIDEO CABLES NOT TO EXCEED 10 FEET. LOCATION TO BE DETERMINED BY THE RUPM.

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5. BY IT/COMMUNICATIONS CONTRACTOR.

6. BY ARCHITECT/ROOM CONSTRUCTION CONTRACTOR. COORDINATE LOCATION WITH RUTGERS UNIVERSITY.

7. BY IT CONTRACTOR FOR EXISTING ROOMS.

BY BUILDING CONTRACTOR FOR NEW ROOMS.
POWER & TELCOM FLOORBOX

INSTALLATION DETAIL 1

- POWER CONDUITS TO ABOVE NEAREST ACCESSIBLE CEILING
- TELECOMMUNICATIONS CONDUITS TO ABOVE NEAREST ACCESSIBLE CEILING
- FINISHED CEILING
- WALL
- CORE DRILL WITH FIRESTOP AS REQUIRED
- IF SLAB ON GRADE, CONTRACTOR MUST PROVIDE SUFFICIENT ADDITIONAL FILL TO ACCOMMODATE CONDUIT BEND AT FLOORBOX AND/OR WALL
- POWER CONDUITS
- TELECOMMUNICATIONS CONDUITS
- FIRESTOP AS REQUIRED TO MEET FLOOR FIRE RATING

NOTE: SEE DRAWING FB-2 FOR RELATED INFORMATION
NOTES:

1. CONDUIT DIRECTION UPON LEAVING FLOORBOX ARE FOR EXAMPLE ONLY AND ARE NOT FOR CONSTRUCTION.

2. SEE DRAWING FB-1 FOR RELATED DETAILS.

SPECIAL NOTES FOR SLAB ON GRADE CONDITION

1. BOX IS NOT RATED FOR CONTACT WITH GRADE - CONTRACTOR IS TO PROVIDE SUFFICIENT PAD BELOW BOX AS REQUIRED TO MEET LOCAL CODE.
1. ALL CABLES AND CONNECTIONS BY IT CONTRACTOR EXCEPT WHERE INDICATED OTHERWISE.
2. ALL CABLES SHALL BE #6 AWG. OR LARGER.
3. BY IT CONTRACTOR FOR EXISTING CLOSETS.
   BY CLOSET CONTRACTOR FOR NEW CLOSETS.

TYPICAL BONDING FOR GROUND WIRE IN CONDUIT

TYPICAL GROUNDING & BONDING REQUIREMENTS

TYPICAL GROUNDING AND BONDING REQUIREMENTS

LEGEND

CLOSET CONTRACTOR:
ELECTRICAL CONTRACTOR BUILDING THE CLOSET

IT CONTRACTOR:
INFORMATION TECHNOLOGY/COMMUNICATIONS CONTRACTOR
NOTES:

1. WIRE MANAGERS, VIDEO SPLITTERS, FIBER TERMINATION PANELS AND SPLICE TRAYS TO BE INSTALLED IN A DEDICATED OSP RACK. DETAILS OF THE EQUIPMENT NEEDED WILL VARY FROM BUILDING TO BUILDING.

2. DETAILS OF THE EQUIPMENT NEEDED WILL VARY FROM BUILDING TO BUILDING.
TYPICAL LIGHTNING PROTECTION/TERMINATION LABELING DETAIL

1. TERMINATION HARDWARE NUMBERS:
   - TERMINAL NUMBER
   - TERMINAL LOCATION
   - THE TERMINATION HARDWARE NUMBERS WILL BE DETERMINED
   - THE FOLLOWING WAY:
   - B.) VOICE LIGHTNING PROTECTION BLOCK: TH-BUILDING#-ER/TR ROOM#-200 THROUGH 299.

2. OSP CABLE AND OSP PIGTAIL CABLE SLEEVE:
   - PANDUIT SLCT-WH WHITE SELF-LAMINATING CABLE MARKER HOLDER
   - PANDUIT RECOMMENDED LABELS FOR THE MARKER HOLDER (PLL-17-Y2-1) AND (JL41PO-0.2).
   - CABLE IDS WILL BE CBV-CAMPUS NAME-SEQUENTIAL NUMBER.

3. EACH 110 PUNCH DOWN BLOCK/LIGHTNING PROTECTION BLOCK:
   - A.) PANDUIT DS110-BN FOR THE OSP AND OSP PIGTAIL CABLE. (BROWN)

NOTES:

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<th>Font</th>
<th>Size</th>
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TYPICAL LIGHTNING PROTECTION/TERMINATION LABELING DETAIL

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<th>Label</th>
<th>Font</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>OSP Voice Cable, OSP Pigtail Cable</td>
<td>PANDUIT DS110-GR</td>
<td>Arial Regular</td>
<td>13</td>
</tr>
<tr>
<td>Lightning Protection Block</td>
<td>PANDUIT PLL22P01</td>
<td>Arial Black-Regular</td>
<td>8</td>
</tr>
<tr>
<td>CBV-BUS-1</td>
<td>Arial Bold</td>
<td>24</td>
<td></td>
</tr>
</tbody>
</table>
### FIBER LABELING:

**THE LABEL WILL BE A P-TOUCH TZ-3/4" TAPE FROM THE P-TOUCH PT330 MACHINE.**

- **A.** **INSIDE PLANT LABEL** will be as follows:
  - **CONNECTOR PANEL LOCATION IN HOUSING:** CBF - BUILDING#-SEQUENTIAL#-TUBE#(s) WHERE IT IS FEEDING.

- **B.** **OUTSIDE PLANT LABEL** as follows:
  - **CONNECTOR PANEL LOCATION IN HOUSING:** CBF - BUILDING NAME - CABLE# - TUBE COLOR WHERE IT IS FEEDING.

- **C.** **LABEL FOR OSP COMING FROM UTILITY POLE, MANHOLE OR OTHER SPLICE LOCATION.**
  - **EXAMPLE:**
    - FROM UTILITY POLE: CBF - CAC-61832
    - TO MANHOLE: CBF - CAM-0054

### NOTES:

1. **INSIDE PLANT FIBER CABINET**
   - **F-CRF-6617-3 TUBE(S) 3 TO:RM344**
   - **B-CRF-6617-1 TUBE(S) 1 TO:RM004**
   - **C-CRF-6617-2 TUBE(S) 2 TO:RM215**
   - **D-CRF-6617-2 TUBE(S) 3 TO:RM215**
   - **E-CRF-6617-5 TUBE(S) 5 TO:RM344**
   - **A-CRF-6617-1 TUBE(S) 1 TO:RM004**

2. **OUTSIDE PLANT FIBER CABINET**
   - **F-B-CBF-BUS-1-OR TO:BLDG#6618-JONES HALL**
   - **C-B-CBF-BUS-1-YL TO:BLDG#6618-JONES HALL**
   - **D-B-CBF-BUS-1-GR TO:BLDG#6618-JONES HALL**

3. **FIBER LABELING:**
   - **THE LABEL WILL BE A P-TOUCH TZ-3/4" TAPE FROM THE P-TOUCH PT330 MACHINE.**
   - **A.** **INSIDE PLANT LABEL** will be as follows:
     - **CONNECTOR PANEL LOCATION IN HOUSING:** CBF - BUILDING#-SEQUENTIAL#-TUBE#(s) WHERE IT IS FEEDING.
   - **B.** **OUTSIDE PLANT LABEL** as follows:
     - **CONNECTOR PANEL LOCATION IN HOUSING:** CBF - BUILDING#-SEQUENTIAL#-TUBE#(s) WHERE IT IS FEEDING.
   - **C.** **LABEL FOR OSP COMING FROM UTILITY POLE, MANHOLE OR OTHER SPLICE LOCATION.**

   **EXAMPLE:**
   - TO UTILITY POLE: CBF - CAC-61832
   - FINAL DESTINATION: CBF - CAM-0054
   - TO MANHOLE: CBF - CAM-0054
   - FINAL DESTINATION: CBF - CAM-0054
   - TO MANHOLE: CBF - CAM-0054
   - FINAL DESTINATION: CBF - CAM-0054
INSTALLATION INSTRUCTIONS

1. Form or cut nom 6 in. by 12-1/2 in. opening in floor. (See Fig. 3)
2. Install Floor Grid Frame (Part No. EZDG444) as specified in Series 44 Modular
   Grid System Installation Guide over opening.
3. Assemble Pathway Module as specified in Installation Guide and
   using three (3) Series 44 EZ-Path Pathways.
4. Obtain Composite Sheet Filler Panel from EZG844 or EZG1644 kits that is not in use.
5. Cut Fiber Panel to 5 in. width so that it measures 6-3/4 in. by 5 in. (See Fig 2.)
6. Obtain three (3) Panel Clips from EZG844 or EZG1644 kits that are not in use.
7. Install pre-cut Composite Sheet Filler Panel and three (3) Panel Clips as shown in
   Fig. 1 above.
8. Insert previously assembled Pathway Module in step 3 as specified in Installation Guide.
   Tighten two (2) bolts and two (2) nuts (Provided) onto frame on one side. On second
   side, install two (2) No. 10 self tapping steel sheet metal screws using two (2) min 3/8 in.
   diam steel fender washers (Purchased Separately).

NOTE:
Follow UL System and
Instructions to Install EZ-PATH.
This is an engineering judgment
that supplements UL System Nos.
W-L-3218, W-J-3098, F-A-3021,
and F-A-3021.

NOTES:
- (Optional) Apply mix 3/8 in. depth of SpecSeal®
  EC4 or 555 Sealant within annulus around devices
  of ceiling interface.
- Skirted channel attached per other's.
INSTALLATION SCENARIOS

**TYPICAL STI - READY SLEEVE**

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1. **Fire Assembly** - Min 1.25 in. (32 mm) thick mineral fiber board (or equivalent R value) or Min 1.12 in. (28 mm) thick fiberboard. Where the hourly F rating of the firestop system is equal to the hourly fire rating of the wall assembly in which it is installed. See the UL Fire Resistance Directory for names of manufacturers.

2. **Wall framing** may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. (51 mm) lumber spaced 16 in. (406 mm) OC. Steel studs to be min 3-1/2 in. (89 mm) wide and spaced max 24 in. (610 mm) OC. Steel fasteners are required.

---

**INSTALLATION INSTRUCTIONS**

1. **Steel sleeve device centered within opening and installed in accordance with the accompanying installation instructions.** Steel sleeve device secured to either side of the wall by means of two-piece steel plates installed with gasketing material supplied with product. Steel plates and gaskets installed on both sides of the wall assembly and secured to device by means of steel screws provided with device. Steel sleeve device provided in nom 1, 2 and 4 in. (25, 51 and 102 mm) sizes. Steel plates and gaskets installed on both sides of the floor assembly and secured to device by means of steel escutcheon plates installed with gasketing material supplied with product. Steel plates and gaskets installed on both sides of the floor assembly and secured to device by means of steel escutcheon plates installed with gasketing material supplied with product.

2. **Install in Cut Out** - Paint or - 2.50 in. (64 mm) Sandblasted or 4.50 in. (114 mm) thick, 4 ft (1.2 m) wide with square or tapered edges. The gypsum board type, series and designation in the UL Fire Resistance Directory. Min distance between periphery of through opening and edge of wall is 2-1/2 in. (64 mm). Precast Concrete Units, Bearing the US Classification Mark.

3. **Apertures** - 5/8 in. (16 mm) thick, 4 ft (1.2 m) wide with square or tapered edges. The gypsum board type, series and designation in the UL Fire Resistance Directory. Min distance between periphery of through opening and edge of wall is 2-1/2 in. (64 mm). Precast Concrete Units, Bearing the US Classification Mark.

4. **Firestop Device** - Device consisting of steel sheet metal with integral steel plates. Steel plate device should be installed around cables in accordance with the accompanying installation instructions. Steel plate device secured to either side of the wall assembly and secured to device by means of steel screws provided with device. Steel plate device provided in nom 1, 2 and 4 in. (25, 51 and 102 mm) sizes. Steel plates and gaskets installed on both sides of the floor assembly and secured to device by means of steel escutcheon plates installed with gasketing material supplied with product. Steel plates and gaskets installed on both sides of the floor assembly and secured to device by means of steel escutcheon plates installed with gasketing material supplied with product. Steel plates and gaskets installed on both sides of the floor assembly and secured to device by means of steel escutcheon plates installed with gasketing material supplied with product.

5. **Fill Material** - Min 4 pcf (64 kg/m3) mineral-wool batt insulation tightly packed into sleeve to fill device to min 3 in. (76 mm) depth with min 2 in. (51 mm) of the packing material within the confines of the floor assembly. Min 4 in. of packing material placed above the floor assembly to ensure filling of the through opening. Min 3 in. (76 mm) of the packing material placed at the floor assembly to ensure filling of the through opening. Min 3 in. (76 mm) of the packing material placed at the floor assembly to ensure filling of the through opening. Min 3 in. (76 mm) of the packing material placed at the floor assembly to ensure filling of the through opening.

6. **Packing Material** - Min 4 pcf (64 kg/m3) mineral-wool batt insulation tightly packed into sleeve to fill device to min 3 in. (76 mm) depth with min 2 in. (51 mm) of the packing material within the confines of the floor assembly. Min 4 in. of packing material placed above the floor assembly to ensure filling of the through opening. Min 3 in. (76 mm) of the packing material placed at the floor assembly to ensure filling of the through opening. Min 3 in. (76 mm) of the packing material placed at the floor assembly to ensure filling of the through opening.

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**TYPICAL STI - READY SLEEVE**

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**INSTALLATION INSTRUCTIONS**

1. **Fire Assembly** - Min 1.25 in. (32 mm) thick mineral fiber board (or equivalent R value) or Min 1.12 in. (28 mm) thick fiberboard. Where the hourly F rating of the firestop system is equal to the hourly fire rating of the wall assembly in which it is installed. See the UL Fire Resistance Directory for names of manufacturers.

2. **Wall framing** may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. (51 mm) lumber spaced 16 in. (406 mm) OC. Steel studs to be min 3-1/2 in. (89 mm) wide and spaced max 24 in. (610 mm) OC. Steel fasteners are required.

3. **Install in Cut Out** - Paint or - 2.50 in. (64 mm) Sandblasted or 4.50 in. (114 mm) thick, 4 ft (1.2 m) wide with square or tapered edges. The gypsum board type, series and designation in the UL Fire Resistance Directory. Min distance between periphery of through opening and edge of wall is 2-1/2 in. (64 mm). Precast Concrete Units, Bearing the US Classification Mark.

4. **Apertures** - 5/8 in. (16 mm) thick, 4 ft (1.2 m) wide with square or tapered edges. The gypsum board type, series and designation in the UL Fire Resistance Directory. Min distance between periphery of through opening and edge of wall is 2-1/2 in. (64 mm). Precast Concrete Units, Bearing the US Classification Mark.

5. **Firestop Device** - Device consisting of steel sheet metal with integral steel plates. Steel plate device should be installed around cables in accordance with the accompanying installation instructions. Steel plate device secured to either side of the wall assembly and secured to device by means of steel screws provided with device. Steel plate device provided in nom 1, 2 and 4 in. (25, 51 and 102 mm) sizes. Steel plates and gaskets installed on both sides of the floor assembly and secured to device by means of steel escutcheon plates installed with gasketing material supplied with product. Steel plates and gaskets installed on both sides of the floor assembly and secured to device by means of steel escutcheon plates installed with gasketing material supplied with product. Steel plates and gaskets installed on both sides of the floor assembly and secured to device by means of steel escutcheon plates installed with gasketing material supplied with product.

6. **Fill Material** - Min 4 pcf (64 kg/m3) mineral-wool batt insulation tightly packed into sleeve to fill device to min 3 in. (76 mm) depth with min 2 in. (51 mm) of the packing material within the confines of the floor assembly. Min 4 in. of packing material placed above the floor assembly to ensure filling of the through opening. Min 3 in. (76 mm) of the packing material placed at the floor assembly to ensure filling of the through opening. Min 3 in. (76 mm) of the packing material placed at the floor assembly to ensure filling of the through opening.

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**TYPICAL STI - READY SLEEVE**

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**INSTALLATION INSTRUCTIONS**

1. **Fire Assembly** - Min 1.25 in. (32 mm) thick mineral fiber board (or equivalent R value) or Min 1.12 in. (28 mm) thick fiberboard. Where the hourly F rating of the firestop system is equal to the hourly fire rating of the wall assembly in which it is installed. See the UL Fire Resistance Directory for names of manufacturers.

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4. **Apertures** - 5/8 in. (16 mm) thick, 4 ft (1.2 m) wide with square or tapered edges. The gypsum board type, series and designation in the UL Fire Resistance Directory. Min distance between periphery of through opening and edge of wall is 2-1/2 in. (64 mm). Precast Concrete Units, Bearing the US Classification Mark.

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6. **Fill Material** - Min 4 pcf (64 kg/m3) mineral-wool batt insulation tightly packed into sleeve to fill device to min 3 in. (76 mm) depth with min 2 in. (51 mm) of the packing material within the confines of the floor assembly. Min 4 in. of packing material placed above the floor assembly to ensure filling of the through opening. Min 3 in. (76 mm) of the packing material placed at the floor assembly to ensure filling of the through opening. Min 3 in. (76 mm) of the packing material placed at the floor assembly to ensure filling of the through opening.
1. GYPSUM WALLBOARD WALL - WALL THICKNESS MAY VARY.

2. METALLIC PIPE OR CONDUIT - NOMINAL 4 INCH DIAMETER OR SMALLER SCH. 5 OR HEAVIER STEEL PIPE, EMT OR RMC.

3. NELSON LBS SEALANT - APPLIED TO FILL THE ANNULAR SPACE AROUND PIPE TO A MINIMUM 5/8 INCH DEPTH. APPLY AN ADDITIONAL 3/8" BEAD OF LBS AROUND THE PIPE AT ITS INTERFACE WITH BOTH WALL SURFACES. NOMINAL 1/2 POLYURETHANE BACKER ROD MAY BE USED TO CONTROL DEPTH OF SEALANT.

THE SYSTEM DESCRIBED IN THIS DETAIL HAS TESTED SUCCESSFULLY TO ASTM E814 AND ANSI/UL 1479 AND HAS ACHIEVED F AND T RATINGS AS SHOWN IN THE ILLUSTRATION BOX.

NELSON FIRESTOP PRODUCTS
P.O. BOX 728 TOLEDO OH 43601

RUTGERS UNIVERSITY OF NEW JERSEY
OFFICE OF INFORMATION TECHNOLOGY
1. CONCRETE FLOOR OR WALL ASSEMBLY - MINIMUM 4-1/2 INCH THICK LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE FLOOR OR WALL OR CMU BLOCK WALL. ANNULAR SPACE MAY RANGE FROM 1/2 INCH TO 2-1/4 INCHES.

2. METALLIC PIPE OR CONDUIT - NOMINAL 4 INCH DIAMETER OR SMALLER EMT.

3. FORMING MATERIAL - MINIMUM 4 INCH THICKNESS OF MINIMUM 4 PCF MINERAL WOOL OR CERAMIC FIBER TIGHTLY PACKED INTO OPENING AND RECESSED 1/2 INCH FROM TOP SURFACE OF FLOOR OR BOTH WALL SURFACES.

4. NELSON LBS SEALANT - APPLY LBS OVER THE FORMING MATERIAL TO A MINIMUM 1/2 INCH DEPTH, FLUSH WITH TOP SURFACE OF FLOOR OR BOTH WALL SURFACES.

THE SYSTEM DESCRIBED IN THIS DETAIL HAS TESTED SUCCESSFULLY TO ASTM E814 AND ANSI/UL 1479 AND HAS ACHIEVED F AND T RATINGS AS SHOWN IN THE ILLUSTRATION BOX.
TITLE: TYPICAL BONDING DETAIL FOR GROUND WIRE IN CONDUIT

DRAWN BY: SAO
CHECKED BY: JF
DATE: 3/26/02
DWG. #: ED-15A

UPDATED PER LATEST STANDARDS

WIRE ENTERING CONDUIT
BOLT CONNECTOR (TYP.)
#6 (MIN.) GROUND WIRE

CONDUIT

WIRE EXITING CONDUIT
GROUND CLAMP (TYP.)
GROUND LUG (TYP.)
#6 (MIN.) GROUND WIRE

#6 (MIN.) GROUND WIRE
#6 (MIN.) GROUND WIRE
#6 (MIN.) GROUND WIRE
WRAP WITH TWO HALF-LAPPED LAYERS OF VINYL TAPE

WRAP TWO LAYERS OF VINYL TAPE STICKY SIDE OUT AND PUSH DOWN UNDER CABLE SHIELD

DO NOT REMOVE CORE WRAP

CUT SHEATH AND SHIELD WITH TABBING SHEARS

PLACE INNER CLAMP BETWEEN TAPE AND SHEILD

#6 (MIN.) GROUND WIRE TO BUSBAR

READY TO: TERMINATE PAIRS BOND SHIELD

PLACE: OUTER CLAMP FLAT WASHER LOCK WASHER NUT

TIGHTEN SECURELY
#6 (MIN.) GROUND WIRE
OR #10 COUPLED BONDING
CONDUCTOR (CBC), (TYP.)
ED-16B

DRAWN BY: SAO
CHECKED BY: JF
DATE: 4/10/02
DWG. # ED-16B

TITLE: ELEVATION HARDWARE DETAIL CIRCA 1880B1-100 TIE/RISER

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C-C (HOLDS 72)
B-C (HOLDS 72)
A-C (HOLDS 72)

C-C - SENDING END (0SM/6MM)
B-C - B END (0SM/6MM)
A-C - A END (0SM/6MM)

C-C - SENDING END (12SM/24MM)
B-C - C END (12SM/24MM)
A-C - C END (12SM/24MM)

C-C - RECEIVING END (0SM/6MM)
B-C - C END (0SM/6MM)
A-C - A END (12SM/24MM)

C-C - SENDING END (12SM/24MM)
B-C - B END (12SM/24MM)
A-C - C END (12SM/24MM)

TYPICAL OSP FIBER TERMINATION LAYOUTS

WALL MOUNTED SPLICE CABINET

FIBEROPTIC SPLICE CASE

A-C - A END (12SM/24MM)
B-B (36SM/36MM)
A-A (132SM/12MM) AT DAVIDSON

V-V (132SM/12MM) AT DAVIDSON

MM
SM
MM
SM
MM
SM
MM
SM
NOTES:

1. ATTACH POLE GUARD TO POLE USING 1/4" X 3" LAG BOLTS. ATTACH 6" FROM EACH END OF GUARD AT EVERY 18".

2. EXTEND INNERDUCTS, TO POLE STRAND ATTACHMENT POINT. EXTEND INNERDUCT A MINIMUM OF 24" PAST POLE. PLUG INNERDUCT.

3. IF USING METALLIC RISER DUCT, PROVIDE GROUND WIRE, AS REQUIRED.
NOTE TO BIDDERS:
AS-BUILTS TO BE HAND DRAWN
MARK-UPS OF SHOP DRAWINGS.
NOTE TO BIDDERS:
AS-BUILTS TO BE HAND DRAWN MARK-UPS OF SHOP DRAWINGS.

1. REFER TO TELECOM FLOOR PLANS FOR WP TYPE, QUANTITY AND LOCATIONS.
2. REFER TO TELECOM FLOOR PLANS FOR STATION AND BACKBONE CABLE ROUTES.
3. ALL PENETRATIONS, EXCEPT FOR CONDUITS, SHALL REQUIRE A SLEEVES. PROVIDE FIRESTOPPING FOR ALL CONDUIT AND SLEEVE PENETRATIONS.
NOTE TO BIDDERS: AS-BUILTS TO BE HAND DRAWN MARK-UPS OF SHOP DRAWINGS.
NOTE TO BIDDERS:
AS-BUILTS TO BE
HAND DRAWN
MARK-UPS OF
SHOP DRAWINGS.

EQUIPMENT ROOM 115 LAYOUT
SCALE:   3/8" = 1'-0"

VIEW A-A

VIEW B-B

VIEW C-C

TYPICAL LAYOUT - FIELD VERIFIED
EQUIPMENT ROOM 115 LAYOUT

(1) 110 C5 CONNECTING BLOCK
4 PAIR CROSS CONNECT
TO VOICE BACKBONE
FROM VOICE STATION

(5) 110 C4 CONNECTING BLOCKS
TH-XXXX-XXX-XXX
1 PR
25 PR
NOTE TO BIDDERS:
AS-BUILTS TO BE HAND DRAWN
MARK-UPS OF SHOP DRAWINGS.

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