

ANALOG BACKBONE EXTENSIONS SHEET NOTES:

- IN THE EQUIPMENT ROOM (ER-E), THE BELDEN CAT5+ UTP CABLE(S) SHALL BE TERMINATED ON A PANDUIT PATCH PANEL, AS DETAILED, WITH EACH OF THE FOUR-PAIRS TERMINATED SEPARATELY ON THE BLUE PAIR OF A PANDUIT MINI-COM TX56 UTP RJ45 8-POSITION, 8-WIRE UNIVERSAL JACK MODULE COLOR ORANGE. THE JACK MODULE SHALL BE LOCKABLE TO KEEP FROM MALICIOUS OR ACCIDENTAL DISCONNECT. THE PATCH PANEL PORT SHALL HAVE A PANDUIT ORANGE PHONE SNAP-IN ICON WITH PHONE IMAGE.
- AT THE DMARC, THE BELDEN CAT5+ UTP CABLE(S) SHALL BE TERMINATED ON A 12-PORT PATCH PANEL (CP12WB & WB89D), AS DETAILED, WITH EACH OF THE FOUR-PAIRS TERMINATED SEPARATELY ON THE BLUE PAIR OF A PANDUIT MINI-COM TX56 UTP RJ45 8-POSITION, 8-WIRE UNIVERSAL JACK MODULE COLOR ORANGE. THE JACK MODULE SHALL BE LOCKABLE TO KEEP FROM MALICIOUS OR ACCIDENTAL DISCONNECT. THE PATCH PANEL PORT SHALL HAVE A PANDUIT ORANGE PHONE SNAP-IN ICON WITH PHONE IMAGE.

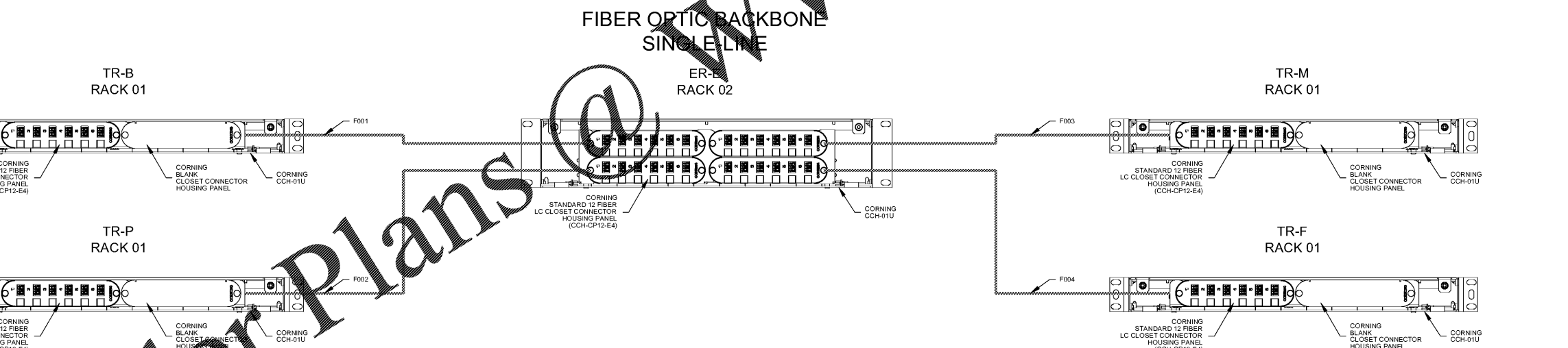
T1 CIRCUIT EXTENSIONS SHEET NOTES:

- IN THE EQUIPMENT ROOM (ER-E), EACH BELDEN CAT5+ UTP CABLE(S) SHALL BE TERMINATED ON A PANDUIT PATCH PANEL, AS DETAILED, WITH EACH OF THE FOUR-PAIRS TERMINATED SEPARATELY ON THE BLUE PAIR OF A PANDUIT MINI-COM TX56 UTP RJ45 8-POSITION, 8-WIRE UNIVERSAL JACK MODULE COLOR GREEN. THE JACK SHALL BE LOCKABLE TO KEEP FROM MALICIOUS OR ACCIDENTAL DISCONNECT. THE PATCH PANEL PORT SHALL HAVE A PANDUIT GREEN PHONE SNAP-IN ICON WITH PHONE IMAGE.
- AT THE DMARC, THE BELDEN CAT5+ UTP CABLE(S) SHALL BE TERMINATED ON A 12-PORT PATCH PANEL (CP12WB & WB89D), AS DETAILED, WITH EACH OF THE CAT5+ CABLES TERMINATED SEPARATELY ON THE BLUE PAIR OF A PANDUIT MINI-COM TX56 UTP RJ45 8-POSITION, 8-WIRE UNIVERSAL JACK MODULE COLOR GREEN. THE JACK MODULE SHALL BE LOCKABLE TO KEEP FROM MALICIOUS OR ACCIDENTAL DISCONNECT. THE PATCH PANEL PORT SHALL HAVE A PANDUIT GREEN PHONE SNAP-IN ICON WITH PHONE IMAGE.

COPPER / RISER BACKBONE SHEET NOTES:

- IN THE EQUIPMENT ROOM (ER-E), THE BELDEN CAT5+ UTP CABLE(S) SHALL BE TERMINATED ON A PANDUIT PATCH PANEL, AS DETAILED, WITH EACH OF THE FOUR-PAIRS TERMINATED SEPARATELY ON THE BLUE PAIR OF A PANDUIT MINI-COM TX56 UTP RJ45 8-POSITION, 8-WIRE UNIVERSAL JACK MODULE COLOR GRAY. THE PATCH PANEL PORT SHALL HAVE A PANDUIT GRAY PHONE SNAP-IN ICON WITH PHONE IMAGE.
- IN EACH TELECOMMUNICATIONS ROOM (TR), THE BELDEN CAT5+ UTP CABLE(S) SHALL BE TERMINATED ON THE FIRST FOUR (4) PATCH PANEL PORTS, AS DETAILED, WITH EACH OF THE FOUR-PAIRS TERMINATED SEPARATELY ON THE BLUE PAIR OF A PANDUIT MINI-COM TX56 UTP RJ45 8-POSITION, 8-WIRE UNIVERSAL JACK MODULE COLOR GRAY. THE PATCH PANEL PORT SHALL HAVE A PANDUIT GRAY PHONE SNAP-IN ICON WITH PHONE IMAGE.

| CABLE ID | FROM | TO | ROUTE | CABLE MFG | PART NUMBER | DESCRIPTION |
|----------|------|-------|---------|-----------|-------------|---|
| E2A01 | ER-E | DMARC | PRIMARY | BELDEN | 1700A | CAT5E+(350MHz) 4-PAIR BONDED U/UTP CMR, WHITE |
| E2A02 | ER-E | DMARC | PRIMARY | BELDEN | 1700A | CAT5E+(350MHz) 4-PAIR BONDED U/UTP CMR, WHITE |
| E2A03 | ER-E | DMARC | PRIMARY | BELDEN | 1700A | CAT5E+(350MHz) 4-PAIR BONDED U/UTP CMR, WHITE |
| E2A04 | ER-E | DMARC | PRIMARY | BELDEN | 1700A | CAT5E+(350MHz) 4-PAIR BONDED U/UTP CMR, WHITE |
| E2A05 | ER-E | DMARC | PRIMARY | BELDEN | 1700A | CAT5E+(350MHz) 4-PAIR BONDED U/UTP CMR, WHITE |
| E2A06 | ER-E | DMARC | PRIMARY | BELDEN | 1700A | CAT5E+(350MHz) 4-PAIR BONDED U/UTP CMR, WHITE |
| E2A07 | ER-E | TR-B | PRIMARY | BELDEN | 1700A | CAT5E+(350MHz) 4-PAIR BONDED U/UTP CMR, WHITE |
| E2A08 | ER-E | TR-P | PRIMARY | BELDEN | 1700A | CAT5E+(350MHz) 4-PAIR BONDED U/UTP CMR, WHITE |
| E2A09 | ER-E | TR-M | PRIMARY | BELDEN | 1700A | CAT5E+(350MHz) 4-PAIR BONDED U/UTP CMR, WHITE |
| E2A10 | ER-E | TR-F | PRIMARY | BERTEK | E-002624DFC | 28PR24AWG RUS/REA PE-89 FILLED DUCT & DIRECT BURIAL |



| CABLE ID | FROM | TO | ROUTE | CABLE MFG | PART NUMBER | DESCRIPTION |
|----------|------|------|---------|-----------|-----------------|--|
| F-001 | ER-E | TR-B | PRIMARY | CORNING | 012781-33190-D1 | 12" OM4 50µm MULTIMODE MIC DX ARMORED CABLE RISER (OM4) |
| F-002 | ER-E | TR-P | PRIMARY | CORNING | 012781-33190-D1 | 12" OM4 50µm MULTIMODE MIC DX ARMORED CABLE RISER (OM4) |
| F-003 | ER-E | TR-M | PRIMARY | CORNING | 012781-33190-D1 | 12" OM4 50µm MULTIMODE MIC DX ARMORED CABLE RISER (OM4) |
| F-004 | ER-E | TR-F | PRIMARY | CORNING | 012781-33190-D1 | 12" OM4 50µm MULTIMODE FREEDOM ONE TIGHT-BUFFERED INDOOR/OUTDOOR CABLE RISER (OM4) |

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ISSUE LOG

| NO. | REV. | DESCRIPTION | DATE |
|-----|------|-------------|----------|
| 1 | - | PERMIT SET | 12/06/18 |
| 2 | - | BID SET | 03/21/19 |

JOB: 2018041 SCALE: NO SCALE
 SHEET NO.
BACKBONE SCHEMATIC
T6.1