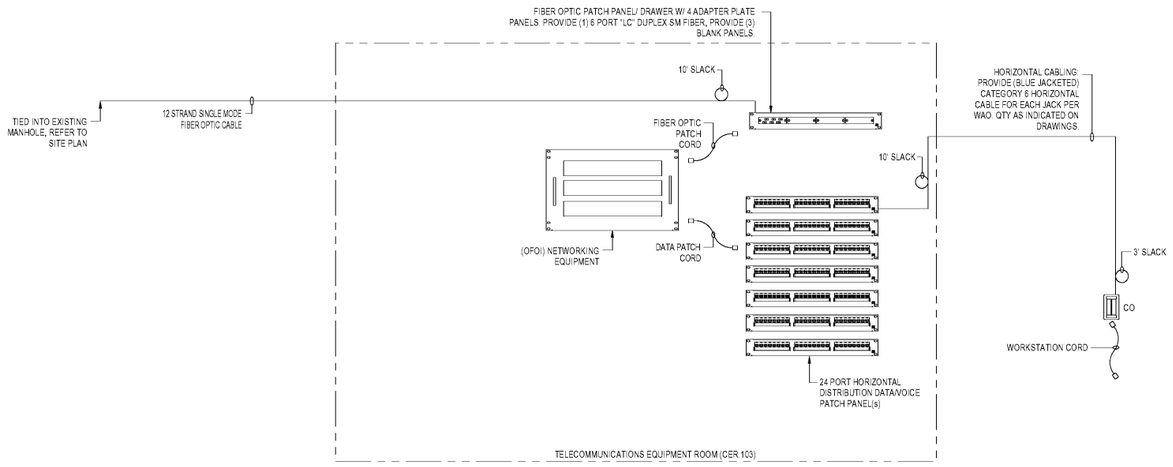


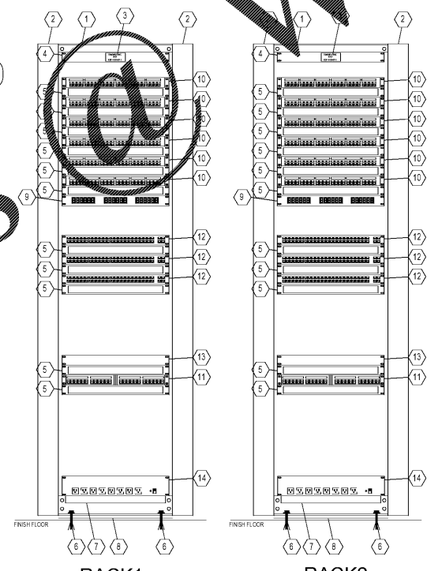
1 TELECOMMUNICATIONS SINGLE LINE DIAGRAM

GENERAL LABELING NOTES:

1) ALL LABELING THROUGHOUT FACILITY SHALL BE IN ACCORDANCE WITH EIA/TIA-606-A STANDARD AND BASE STANDARDS. COORDINATE WITH CONTRACTING OFFICER BEFORE LABELING.
2) ALL LABELS SHALL BE PRODUCED USING FACTORY LABEL SHEETS FOR LASER PRINTERS PROVIDED FOR THE SPECIFIC DEVICE BY THE DEVICE MANUFACTURER, AND USING SOFTWARE PROVIDED BY THE DEVICE MANUFACTURER. THIRD PARTY LABELS ARE NOT ACCEPTABLE.
3) EACH FIBER CONNECTION ADAPTER SHALL HAVE COLORED BLANK TABS. (SEE "FIBER OPTIC BACKBONE NOMENCLATURE"). PROVIDE MATCHING COLOR BLANK TABS AT OPPOSITE END TERMINATIONS TO IDENTIFY FIBER PAIRS. LABEL FRONT COVER TO INDICATE SOURCE AND EACH DESTINATION(S).
4) ALL PATCH PANELS SHALL BE PROVIDED WITH FACTORY ICON/LABEL HOLDERS, DESIGNATION LABELS, REAR CABLE MANAGERS, AND MOUNTING HARDWARE. PROVIDE SNAP-IN BLANK TAB OR LABEL STRIP FOR PORT LABELING OF JACKS.
5) ALL COMMUNICATIONS OUTLETS AND HORIZONTAL PATCH PANELS SHALL BE LABELED USING ROOM NUMBERS. OBTAIN FINAL ROOM NUMBERS FROM GENERAL CONTRACTOR PRIOR TO COMMENCEMENT OF LABELING.

COMMUNICATIONS RACK ELEVATION KEY NOTES

1. STANDARD 4-POST 7'-0" (2131mm) HIGH x 19" (514mm) WIDE EXTRUDED ALUMINUM FLOOR MOUNT RACK WITH UNIVERSAL 5/8" (16mm), 5/8" (16mm), 1/2" (13mm) ALTERNATING HOLE PATTERN FRONT AND BACK, AND BLACK POLYESTER POWDER PAINT FINISH. PROVIDE WITH GROUND TERMINAL BLOCK. P/N: HOFFMAN E4DR19FM45U
2. NARROW VERTICAL RACK CABLING SECTION WITH DOOR, SIZE 3.65" (93mm) x 7'-0" (2134mm), COLOR BLACK. PROVIDE WITH NARROW CABLE RINGS FOR REAR WIRE MANAGEMENT. PROVIDE LADDER TRAY MOUNTED SPILL WAY, P/N: PANDUIT CMW-KIT.
3. IDENTIFICATION TAG AT TOP OF RACK, SEE "TYPICAL COMMUNICATIONS RACK ENGRAVED DETAIL"
4. ONE RACK SPACE BLANK FILLER PLATE, COLOR BLACK.
5. ONE RACK SPACE HORIZONTAL CABLE MANAGER, WITH PANEL. P/N: PANDUIT WMPHHF1
6. CONCRETE FLOOR RACK MOUNTING
7. RACK BASE DUST COVER, [illegible] ENAMEL FINISH
8. RACK ISOLATION KIT.
9. BACKBONE FIBER DRAWER, RACK MOUNT. SEE "DATA SINGLE LINE DIAGRAM". P/N: CORNING CCH-01U
10. 24 PORT CATEGORY 6 HORIZONTAL PATCH PANEL, SEE "DATA SINGLE LINE CONFIGURATION DIAGRAM". P/N: PANDUIT CPPL24WBLY
11. 24 PORT CATEGORY 6 VOICE HORIZONTAL PATCH PANEL, SEE "DATA SINGLE LINE CONFIGURATION DIAGRAM". P/N: PANDUIT DP24688TGY
12. OWNER FURNISHED OWNER INSTALLED NETWORK SWITCHES
13. OWNER FURNISHED OWNER INSTALLED VOIP SWITCH.
14. RACK MOUNTED UPS, APC SMX3000RMLV2U



RACK1 RACK2

2 COMMUNICATIONS ROOM 103 RACK ELEVATION

Order Plans @ WWW.LDILine.com

SCHMIDT CONSULTING GROUP, INC.
MECHANICAL ELECTRICAL STRUCTURAL COMMUNICATIONS INDUSTRIAL
ALABAMA LICENSE NUMBER 3542
601 W. Garden St. Pensacola, FL 32502
P: 850.438.0050 F: 850.432.6631
TODD NICHOLSON P.E.
ALABAMA LICENSE NUMBER 29943-E
SCG PROJECT: 2016-151

GMC
2701 1st Avenue S
Birmingham, AL 35233
T 205.879.4462
GMCNETWORK.COM

ISSUE	DATE
ISSUE FOR BID	2018.05.25

DRAWN BY: CEC
CHECKED BY: TAN

SIMULATION LABORATORY BUILDING - USA JOB #16-07
MOBILE, ALABAMA
ABC #2017372
GMC # AMOB160019

ALABAMA 29943-E PROFESSIONAL ENGINEER TODD ALAN NICHOLSON

TELECOMMUNICATION SINGLE LINE DIAGRAMS

T401

sheet of

5/23/2018 8:00:02 AM