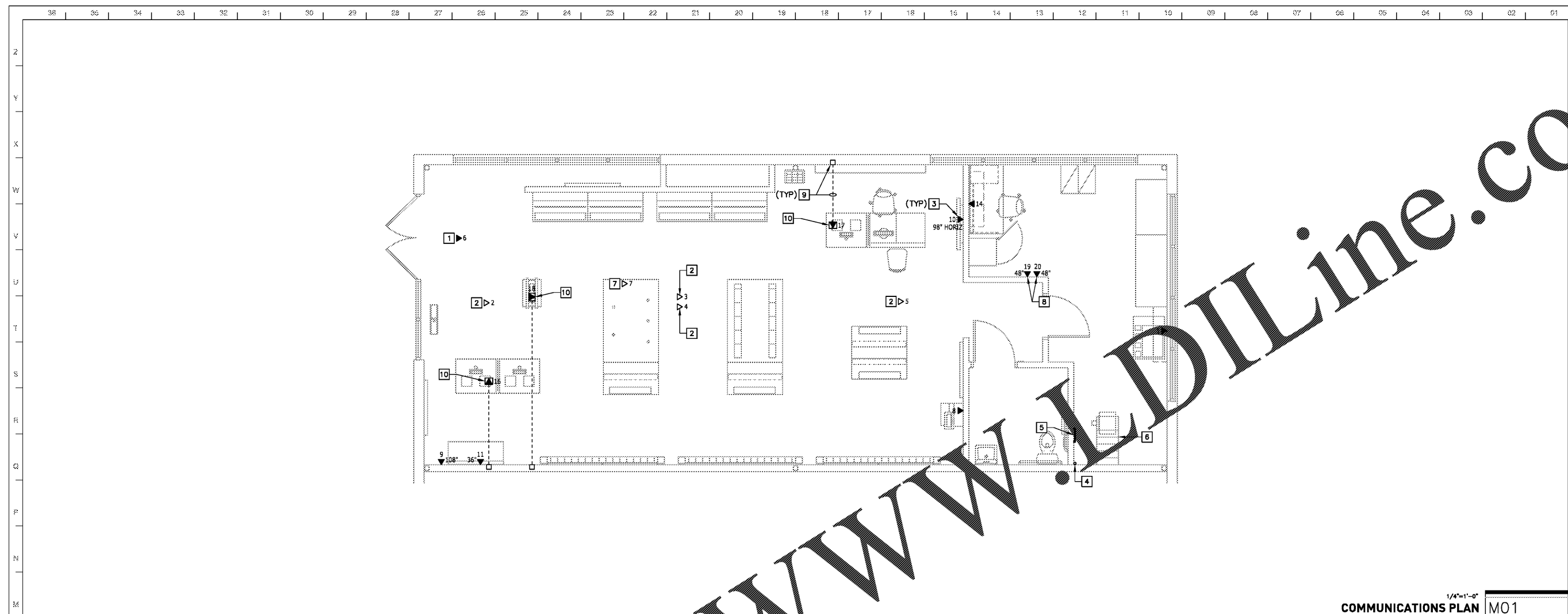


WWW.DLine.com

Sprint

#1408 DURHAM

2707 GUESS RD, SUITE 110
DURHAM, NC 27705



1/4"=1'-0"
COMMUNICATIONS PLAN M01

▼ OR ▽ NUMBER INDICATES DROP NUMBER FROM SCHEDULE BELOW.

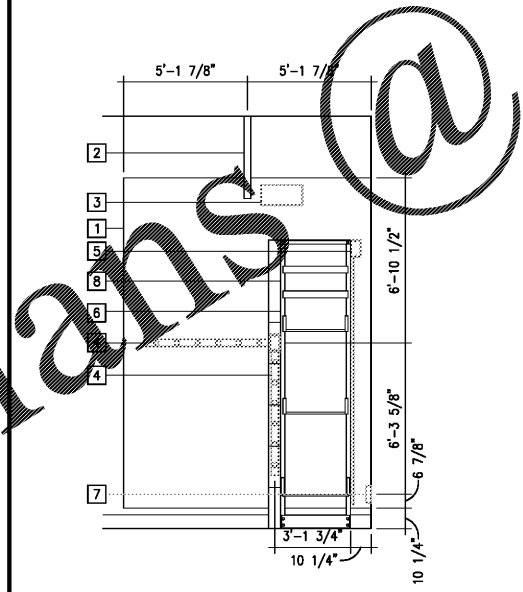
DROP#	LOCATION/FEATURE	DESCRIPTION	DATA
1	COPYER/PRINTER	WALL	2
2	WIRELESS	COILED ABOVE CEILING	2
3	WIRELESS	COILED ABOVE CEILING	2
4	WIRELESS	COILED ABOVE CEILING	2
5	WIRELESS	COILED ABOVE CEILING	2
6	SHOPPERTRAK	COILED ABOVE CEILING	2
7	NSC DEVICE	COILED ABOVE CEILING	2
8	APC MACHINE	WALL	2
9	MINI HUBS	WALL	2
10	CRUIE SCREEN*	WALL	2
11	CRUIE SCREEN	WALL	2
12	CRUIE SCREEN	WALL	2
13	BREAK COUNTER	WALL	2
14	MANAGER'S OFFICE	WALL	2
15	DUAL POS	FLOOR	6
16	DUAL POS	FLOOR	6
17	DUAL POS	FLOOR	6
18	DIGITAL DISPLAY	FLOOR	6
19	PROLPHIX THERMOSTAT	WALL	2
20	PROLPHIX THERMOSTAT	WALL	2
21	TECH ROOM	WALL	2
22	TECH ROOM	WALL	2
23	TECH ROOM	WALL	2
24	TECH CREDENZIA	WALL	2

NOTES:

- PROVIDE CATEGORY 5E UTP CABLE.
- PROVIDE OUTLET BOX AND CONDUIT SLUB TO ACCESSIBLE CEILING.
- OUTLETS, COVERPLATES, LABELING AND WIRING BY COMMUNICATIONS CONTRACTOR.
- COMMUNICATIONS CONTRACTOR TO PROVIDE BLACK PLASTIC RATED CONDUIT FOR SECURITY DROPS. PROVIDE AN ADDITIONAL 25' OF CONDUIT AT LAN RACK TERMINAL TO SECURITY SYSTEM BY SECURITY CONTRACTOR.
- SHOPPERTRAK TERMINATIONS BY SHOPPERTRAK.
- PLASMA SCREEN VIDEO CABLE PROVIDED AND INSTALLED BY COMMUNICATIONS SYSTEM CONTRACTOR.
- PANIC BUTTONS TO BE DAISY-CHAINED THROUGH SINGLE DROP TO EACH GROUPING OF POS AND TECH COUNTERS.
- VENDOR TO PROVIDE SINGLE JACK ON THE PHONE SIDE (MAYBE) THE JACK TO BE CONNECTED TO THE SINGLE JACK PROVIDED AT PLASMA SCREEN TERMINATION.

NOTE: NOT ALL NECESSARILY USED AT THIS LOCATION

NOT TO SCALE
COMMUNICATION SYSTEMS LEGEND A28



- 72" WIDE X 96" HIGH X 3/4" F.R.T. PLYWOOD PHONE BOARD, PAINT TO MATCH WALL
- 2" CONDUIT WITH PULL STRING
- GROUND BAR WITH GROUND WIRE TO BUILDING GROUND AND IT/LAN RACK. RE: ELECTRICAL
- PLUGMOLDS (2) WITH 6 OUTLETS EACH MOUNTED ON PHONE BOARD. RE: ELECTRICAL
- JUNCTION BOX MOUNTED ON PHONE BOARD WITH CONDUIT TO PLUGMOLD MOUNTED ON SIDE OF LAN RACK WITH 12 OUTLETS TOTAL. RE: ELECTRICAL
- IT/LAN RACK GROUNDED BY CABLE VENDOR.
- NEMA CONNECTION FOR UPS (5-20R)
- PROVIDE VERTICAL WIRE MANAGER ON OUTSIDE CORNER OF RACK

NOT TO SCALE
TELECOMMUNICATIONS RACK DETAIL A17

- EXISTING CONDITIONS WERE TAKEN FROM ORIGINAL DRAWINGS AND SITE VISITS AND MAY NOT REFLECT EXACT "AS-BUILT" CONDITIONS. FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING FINAL BIDS. CAREFULLY COORDINATE NEW WORK AND DEMOLITION WITH ALL OTHER DISCIPLINES AND EXISTING CONDITIONS.
- ALL VOICE, DATA, FIRE ALARM, T-STAT, ETC. WIRING ROUTED EXPOSED ABOVE CEILING SHALL BE PLENUM RATED CABLE SUITABLE FOR INSTALLATION IN RETURN AIR PLENUMS.
- REFERENCE ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS AND LOCATIONS FOR UNDER CARPET CABLE AND SALES FIXTURE POWER/VOICE/DATA WALL AND FLOOR BOXES.
- ALL VOICE/DATA CABLING TO BE FURNISHED AND INSTALLED BY COMMUNICATIONS VENDOR. GC TO CONTRACT WITH VENDOR.
- PANIC BUTTONS TO BE "DAISY-CHAINED" FROM SINGLE SECURITY DROP IN EACH GROUPING OF POS AND TECH COUNTERS.
- PROVIDE WHITE COVER PLATES FOR ALL OUTLETS AND SWITCHES.
- VERIFY EXACT LOCATION AND MOUNTING HEIGHT OF ALL RECEPTACLES, JUNCTION BOXES AND OTHER WIRING DEVICES WITH ARCHITECT PRIOR TO ROUGH-IN.

NOT TO SCALE
GENERAL NOTES A10

- COMMUNICATIONS PLAN NOTES:**
- PROVIDE PLENUM RATED CATEGORY 5E CABLE FOR CONNECTION OF "SHOPPERTRAK". RUN CABLE ABOVE CEILING FROM DATA RACK TO PLENUM ABOVE FRONT DOOR. THE OFF ADDITIONAL 15' CABLE AT END. VERIFY ROUTE AND LOCATION WITH ARCHITECT. SUPPORT CABLE FROM STRUCTURE USING APPROVED HANGERS. DO NOT LAY ON CEILING GRID.
 - PROVIDE PLENUM RATED CATEGORY 5E CABLE FOR CONNECTION OF WIRELESS ACCESS POINT. RUN CABLE ABOVE CEILING FROM DATA RACK TO PLENUM AT LOCATIONS SHOWN. VERIFY ROUTE AND LOCATION WITH ARCHITECT. SUPPORT CABLE FROM STRUCTURE USING APPROVED HANGERS. DO NOT LAY ON CEILING GRID.
 - PROVIDE A FLUSH MOUNT SINGLE GANG BACKBOX IN WALL FOR DATA OUTLETS. PROVIDE CONDUIT (WITH PULL STRING) STUBBED TO ACCESSIBLE CEILING SPACE FOR DATA CABLING. TERMINATE WITH BUSHINGS. DATA OUTLETS AND CABLING PROVIDED BY COMMUNICATIONS CONTRACTOR. VERIFY EXACT LOCATION WITH ARCHITECT PRIOR TO INSTALLATION.
 - PROVIDE 2" CONDUIT (WITH NYLON PULL STRING) FROM LANDLORD TELEPHONE SERVICE TERMINATION POINT TO BACKBOARD EDGE. VERIFY LOCATION OF TERMINATION PRIOR TO CONSTRUCTION.
 - PROVIDE COMMUNICATIONS GROUND BAR. REFER TO DETAIL S01, SHEET E-5, FOR ADDITIONAL INFORMATION.
 - DATA RACK, BY CABLING VENDOR. REFER TO ARCHITECTURAL PLANS FOR LOCATION.
 - PROVIDE PLENUM RATED CATEGORY 5E CABLE AND JACK ABOVE CEILING FOR CONNECTION OF NSC DEVICE. RUN CABLE ABOVE CEILING FROM DATA RACK TO PLENUM ABOVE FRONT DOOR. VERIFY ROUTE AND LOCATION WITH ARCHITECT. SUPPORT CABLE FROM STRUCTURE USING APPROVED HANGERS. DO NOT LAY ON CEILING GRID.
 - PROVIDE SINGLE GANG BACKBOX WITH CONDUIT ROUGH IN AND DATA CABLE FOR PROLPHIX THERMOSTAT. PROVIDE 3'-0" OF DATA CABLE COILED IN BACK BOX FOR FUTURE CONNECTION TO PROLPHIX THERMOSTAT. ROUTE DATA CABLE TO LAN RACK AND PROVIDE 10'-0" ABOVE LAN RACK THE MALE TERMINATION FOR FUTURE CONNECTION TO LAN RACK. REFER TO SHEET M1 FOR THERMOSTAT LOCATIONS.
 - REFER TO SHEET E-2 FOR FLATWIRE DATA CABLING SPECIFICATIONS.
 - PROVIDE SINGLE GANG BACKBOX ATTACHED TO FIXTURE WITH (6) JACKS AND TERMINATE FLATWIRE CABLING IN BACKBOX. PROVIDE PATCH CABLES FROM JACKS TO DEVICES IN ADJACENT POS THROUGH PROVIDED OPENING IN BASE OF POS.

NOT TO SCALE
POWER PLAN NOTES A01

MARK	DATE	DESCRIPTION

PROJECT NUMBER:
SPR1408

PROJECT LOCATION:
CHAD GLEASON

DESIGNED BY:
DON RETHMAN

DATE:
SEPTEMBER 28, 2017

Sheet:
E3

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