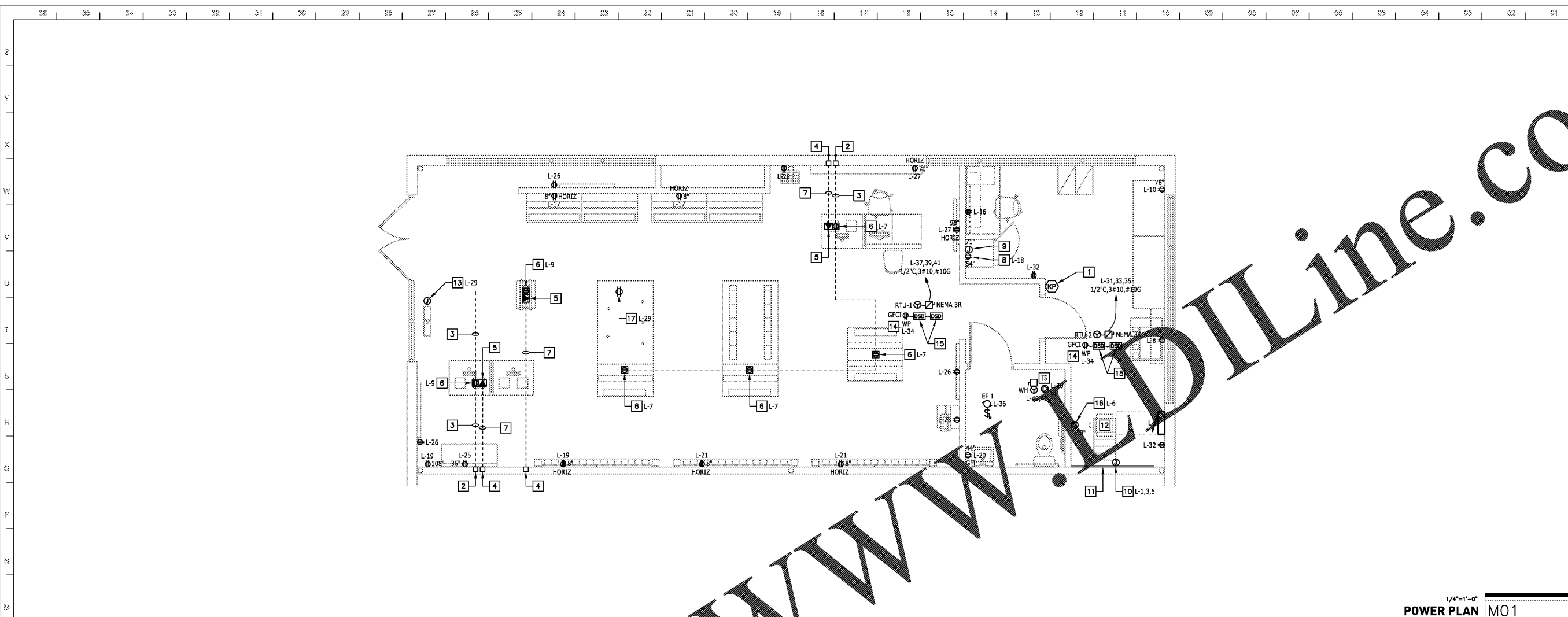


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1/4"=1'-0"
POWER PLAN MO1

1. 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.
2. ALL VOICE, DATA, FIRE ALARM, T-SAT, ETC. WIRING ROUTED EXPOSED ABOVE CEILING SHALL BE PLENUMATED CABLE SUITABLE FOR INSTALLATION IN RETURN AIR PLenums.
3. REFERENCE ARCHITECTURAL DRAWINGS FOR EXISTING DIMENSIONS AND LOCATIONS FOR UNDER CARPET CABLE AND SALES FIXTURE POWER, VOICE, DATA WALL AND FLOOR BOXES.
4. PROVIDE WHITE PLENUMATED CABLES FOR ALL OUTLETS AND SWITCHES.
5. 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 A20

ELECTRICAL PLAN NOTES:

- 1 PROVIDE SINGLE GANG DEVICE BOX IN WALL AT 48" A.F.F FOR SECURITY SYSTEM KEYPAD. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH SECURITY SYSTEM CONTRACTOR. KEYPAD PROVIDED BY OTHERS. PROVIDE CONDUIT (WITH PULL STRING) STUBBED TO ACCESSIBLE CEILING SPACE, TERMINATE WITH BUSHINGS.
- 2 INSTALL "AMP" #554805 RECESSED WALL BOX AT 10" AFF OPENING TO BACK-OF-HOUSE. WITH #1-553292-1 COVER PLATE AND 554862-1 TRANSITION BLOCK FOR UNDER CARPET POWER WIRING CONNECTION.
- 3 INSTALL "AMP" #553947-1 (3) CONDUCTOR CABLE FOR FIXTURE POWER. CONNECT WHIP TO FLOOR MONUMENT PRIOR TO FIXTURE INSTALLATION.
- 4 INSTALL "AMP" #554805-1 RECESSED WALL BOX AT 10" AFF, OPENING TO THE BACK-OF-HOUSE, WITH #553292-1 COVER PLATE AND #2111682-1 BLOCK FOR TRANSITION FROM ROUND VOICE/DATA CABLING SYSTEM TO AMP UNDER CARPET CABLING SYSTEM. PROVIDE 1" CONDUIT WITH PULL STRING STUBBED TO ACCESSIBLE CEILING SPACE FROM TRANSITION BOX FOR VOICE/DATA CABLING, TERMINATE WITH BUSHINGS. VOICE/DATA CABLING INSTALLED BY COMMUNICATIONS CONTRACTOR.
- 5 ROUTE FLATWIRE DATA CABLING UP THROUGH CARPET AT FIXTURE LOCATION. PROVIDE ADDITIONAL 4' OF CABLING FOR FUTURE TERMINATION. COMMUNICATIONS CONTRACTOR TO PROVIDE BACKBOX, JACKS, AND TERMINATIONS.
- 6 INSTALL "AMP" #553947-1 (3) CONDUCTOR SINGLE DUPLEX DCR KIT. COORDINATE EXACT LOCATION AND WITH ARCHITECT.
- 7 INSTALL "AMP" #1499119-1 CATEGORY 5e CMUC CABLES. PROVIDE ADDITIONAL 4' OF CABLE AT FIXTURE AND WALL GROUP VOICE AND SECURITY CONNECTIONS IN ONE CABLE. TERMINATIONS BY COMMUNICATIONS CONTRACTOR.
- 8 PROVIDE RECEPTACLE FOR SECURITY RECORDING DEVICE MOUNTED A MINIMUM OF 54" ABOVE FINISHED FLOOR.
- 9 SECURITY PANEL, BY OTHERS. PROVIDE 4"x4" JUNCTION BOX AND 2" CONDUIT WITH NYLON PULL STRING TO 6" ABOVE CEILING.
- 10 PROVIDE (1) WIREMOLD #AL20GB306 ALUMINUM PLUGMOLD (OR EQUIVALENT BY OTHER MANUFACTURER) WITH (12) SIMPLEX RECEPTACLES ON IT RACK AND CONNECT TO (2) DEDICATED CIRCUITS, ALTERNATING OUTLETS. PROVIDE (2) PLUGMOLDS WITH (6) SIMPLEX RECEPTACLES EACH, MOUNTED VERTICALLY AND HORIZONTALLY ON THE TELEPHONE BACKBOARD, AND CONNECT TO A DEDICATED CIRCUIT. REFER TO PHONE BOARD ELEVATION ON ARCHITECTURAL SHEETS FOR MOUNTING HEIGHTS AND ORIENTATION. VERIFY FINAL LOCATION WITH ARCHITECT PRIOR TO INSTALLATION.
- 11 PROVIDE 6' x 8' x 3/4" FIRE RESISTANT PLYWOOD BACKBOARD. REFER TO ARCHITECTURAL PLANS FOR LOCATION.
- 12 DATA RACK, BY CABLING VENDOR. REFER TO ARCHITECTURAL PLANS FOR LOCATION.
- 13 PROVIDE JUNCTION BOX AT STRUCTURE WITH 7' OF FLEXIBLE CONDUIT FOR CONNECTION TO QUE SCREEN. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH ARCHITECT.
- 14 PROVIDE FINAL CONNECTION TO RTU MOUNTED CONVENIENCE RECEPTACLE.
- 15 FURNISH ALL DUCT DETECTORS FOR ROOFTOP UNITS ALONG WITH THE FAN SHUTDOWN RELAYS. DIVISION 15 CONTRACTOR TO INSTALL DUCT DETECTORS AND SAMPLING TUBES WITHIN THE DUCTWORK. PROVIDE THE REMOTE TEST STATIONS FOR THE SMOKE DETECTORS IN AN OCCUPIED AREA AS DIRECTED BY OWNERS REPRESENTATIVE. ELECTRICAL CONTRACTOR SHALL PROVIDE WIRING AND FINAL CONNECTIONS TO ALL ASSOCIATED EQUIPMENT.
- 16 RECEPTACLE FOR UPS POWER. VERIFY FINAL LOCATION WITH ARCHITECT PRIOR TO INSTALLATION.
- 17 PROVIDE CEILING MOUNTED RECEPTACLE FOR NSC DEVICE.

NOT TO SCALE
POWER PLAN NOTES A01



Sprint

#1408 DURHAM

2707 GUESS RD, SUITE 110
DURHAM, NC 27705

MARK	DATE	DESCRIPTION

PROJECT TITLE

ELECTRICAL POWER PLAN

PROJECT NUMBER
SPR1137

PROJECT LOCATION
CHAD GLEASON

DESIGNED BY
DON RETHMAN

DATE
SEPTEMBER 28, 2017

SCALE
E2