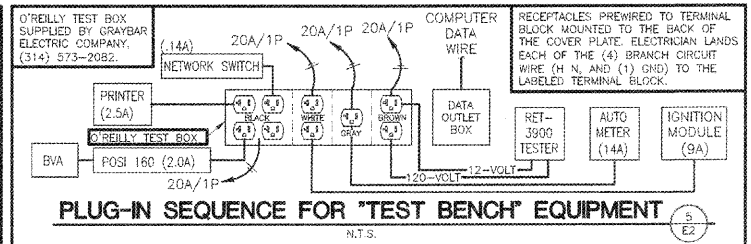
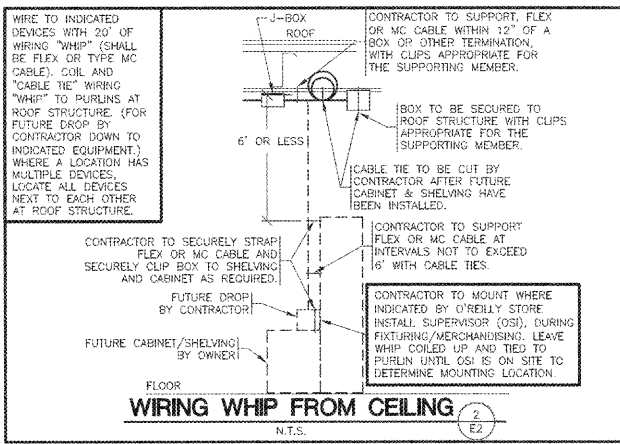


FLOOR MOUNTED RECEPTACLES UNDER COUNTERS
N.T.S.

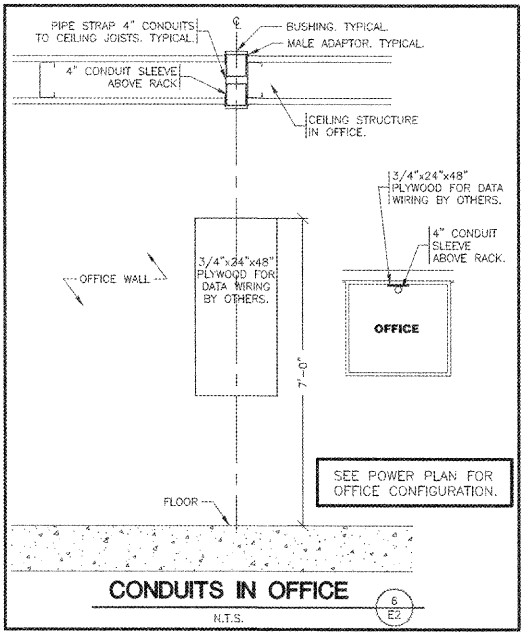


PLUG-IN SEQUENCE FOR "TEST BENCH" EQUIPMENT
N.T.S.

MARKING OF ELECTRICAL WORKING SPACE
IN FRONT OF ALL METER PANELS, SUB PANELS, TRANSFORMERS, AND DISCONNECTS, PROVIDE A WORKING SPACE IN FRONT, ON THE FLOOR, RECTANGLE, PAINT WITH CONTRASTING COLOR, 4-INCH BRUSH STROKES WITH DIAGONAL LINES INSIDE, WITH 6-INCH LETTERS, "NO STORAGE" BLOCKED IN, AND/OR LARGE STICKER SAYING THE SAME THING, 4"-0" DEPTH TYPICAL AT ALL LOCATIONS.



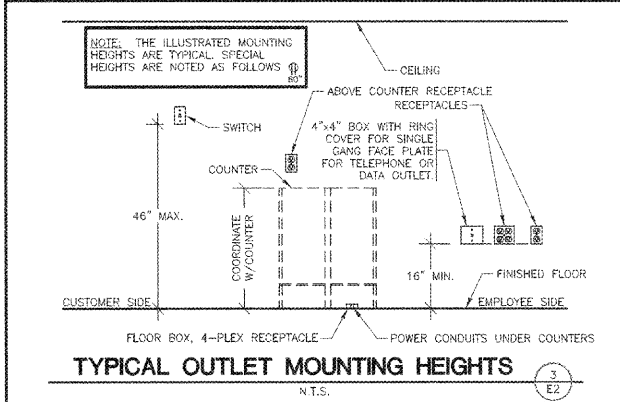
WIRING WHIP FROM CEILING
N.T.S.



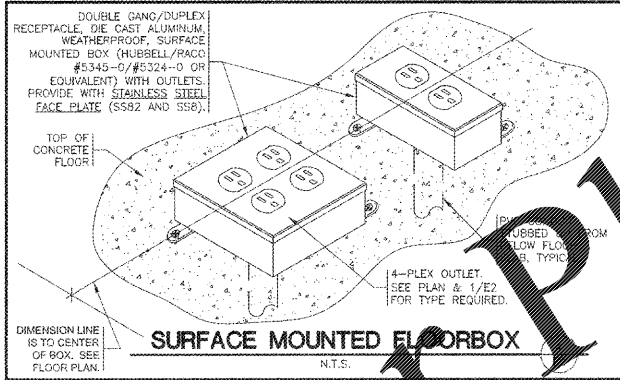
CONDUITS IN OFFICE
N.T.S.

CONDUIT REQUIREMENTS
ALL WIRING SHALL BE IN CONDUIT EXCEPT THAT MC-CABLE MAY BE SUBSTITUTED ONLY AS FOLLOWS:
A. MC-CABLE (MAXIMUM CABLE LENGTH OF 10'-0") MAY BE INSTALLED ONLY FOR BRANCH CIRCUIT WIRING TO LIGHT FIXTURES.
B. MC-CABLE (MAXIMUM CABLE LENGTHS SHOWN ON DETAIL 2/E2) MAY BE INSTALLED ONLY ABOVE SLAB AND ONLY AT LOCATIONS INDICATED ON E2 SHEET.
SEE SHEET E4 FOR MORE REQUIREMENTS.

FIRE ALARM NOTE:
IN THE EVENT A MONITORED FIRE ALARM SYSTEM IS REQUIRED BY THE AUTHORITY HAVING JURISDICTION, THE ALARM SYSTEM WILL BE CONTRACTED DIRECTLY BY THE ALARM SERVICES MANAGER, LEIGH SIDES, WITH THE O'REILLY AUTOMOTIVE CORPORATE OFFICE. THE GENERAL CONTRACTOR SHALL NOT PROCURE ANYONE TO INSTALL OR QUOTE THESE SYSTEMS UNLESS THEY HAVE BEEN ASKED TO DO SO BY LEIGH SIDES. PLEASE CONTACT LEIGH SIDES AT (417) 829-5712 IF A SYSTEM IS NEEDED OR IF THERE ARE ANY QUESTIONS.



TYPICAL OUTLET MOUNTING HEIGHTS
N.T.S.



SURFACE MOUNTED FLOORBOX
N.T.S.

- POWER PLAN KEYNOTES**
- 12" BLANK, TWO CHANNEL, ALUMINUM FINISH, TELE-POWER POLE FOR FEED TO OUTLETS AND FOR COMMUNICATIONS/DATA WIRING AT COUNTER. (EQUAL TO "WIREMOLD" PRODUCT) TYPICAL.
 - TEST OUTLET BOX, 120V, INSTALL (2) DUPLEX OUTLETS EACH ON THEIR OWN CIRCUIT, (1) SINGLE OUTLET ON ONE CIRCUIT, (1) QUADPLEX OUTLET ON ONE CIRCUIT & A COMPUTER DATA OUTLET BOX. SEE DETAIL 5/E2.
 - EXISTING RECEPTACLES AT THIS LOCATION TO BE REPLACED WITH "RED" RECEPTACLES AND SHALL BE RE-CIRCUITED AND ADDED TO TRANSFER SWITCH "E" AS SHOWN. REFERENCE SHEET E4.
 - FLOOR QUADPLEX/FOURPLEX ISOLATED GROUND RECEPTACLE. SEE DETAIL 4/E2 & 1/E3.
 - FLOOR DUPLEX RECEPTACLE (FOR COKE MACHINE ONLY). SEE DETAIL 1/E2 AND 4/E2 SIMILAR.
 - CONTRACTOR TO INSTALL "ADAM HALL DEFENDER COMPACT" CABLE PROTECTOR 85100" RACEWAY ON FLOOR BETWEEN COUNTERS. TYPICAL.
 - CONTRACTOR TO INSTALL J-BOX AND PULL STRING FOR FIRE ALARM. MOUNT J-BOX AT ORIGINAL CONVENIENCE OUTLET LOCATION. REFERENCE SHEET M2.
 - EXISTING RECEPTACLE(S) AT THIS LOCATION TO BE REMOVED.
 - SEE TRANSFER SWITCH SCHEDULE FOR POSITION OF CIRCUIT WIRES THROUGH TRANSFER SWITCH.

ELECTRICAL DEMO NOTES

EXISTING DEVICES TO BE DEMOLISHED: REMOVE ALL EXISTING RECEPTACLES, DATA DEVICES AND ASSOCIATED WIRING, CONDUIT AND BOXES FROM ALL DEMOLISHED WALLS. REFER TO ARCHITECTURAL DEMO PLAN FOR ADDITIONAL INFORMATION.

EXISTING COUNTERS: REMOVE EXISTING WIRES FROM BREAKERS THAT FEED EXISTING COUNTERS. REUSE EXISTING BREAKERS TO FEED NEW COUNTER RECEPTACLES. SEE DETAIL 1/E2. FIELD VERIFY EXISTING BREAKER SIZES AND LOCATIONS.

EXISTING ELECTRICAL SERVICE: EXISTING ELECTRICAL SERVICE TO BE REMOVED, ONLY AFTER NEW ELECTRICAL SERVICE HAS BEEN ENERGIZED.

ELECTRICAL SCOPE OF WORK

ELECTRIC SERVICE: INSTALL NEW ELECTRIC SERVICE AS SHOWN ON SHEETS US1, E2, AND E3.

EXISTING ELECTRICAL PANELS: ALL EXISTING ELECTRICAL PANELS TO REMAIN AS IS, UNLESS OTHERWISE NOTED.

EMERGENCY MANAGEMENT SYSTEM: EXISTING ADM-1204 TO REMAIN AS IS AND ADDED TO AS NEEDED.

TRANSFER SWITCH: INSTALL NEW TRANSFER SWITCH(S) ("E" PANEL) NEXT TO ELECTRICAL PANELS. SEE POWER AND LIGHTING PLAN FOR CIRCUITS TO BE INSTALLED TO TRANSFER SWITCH.

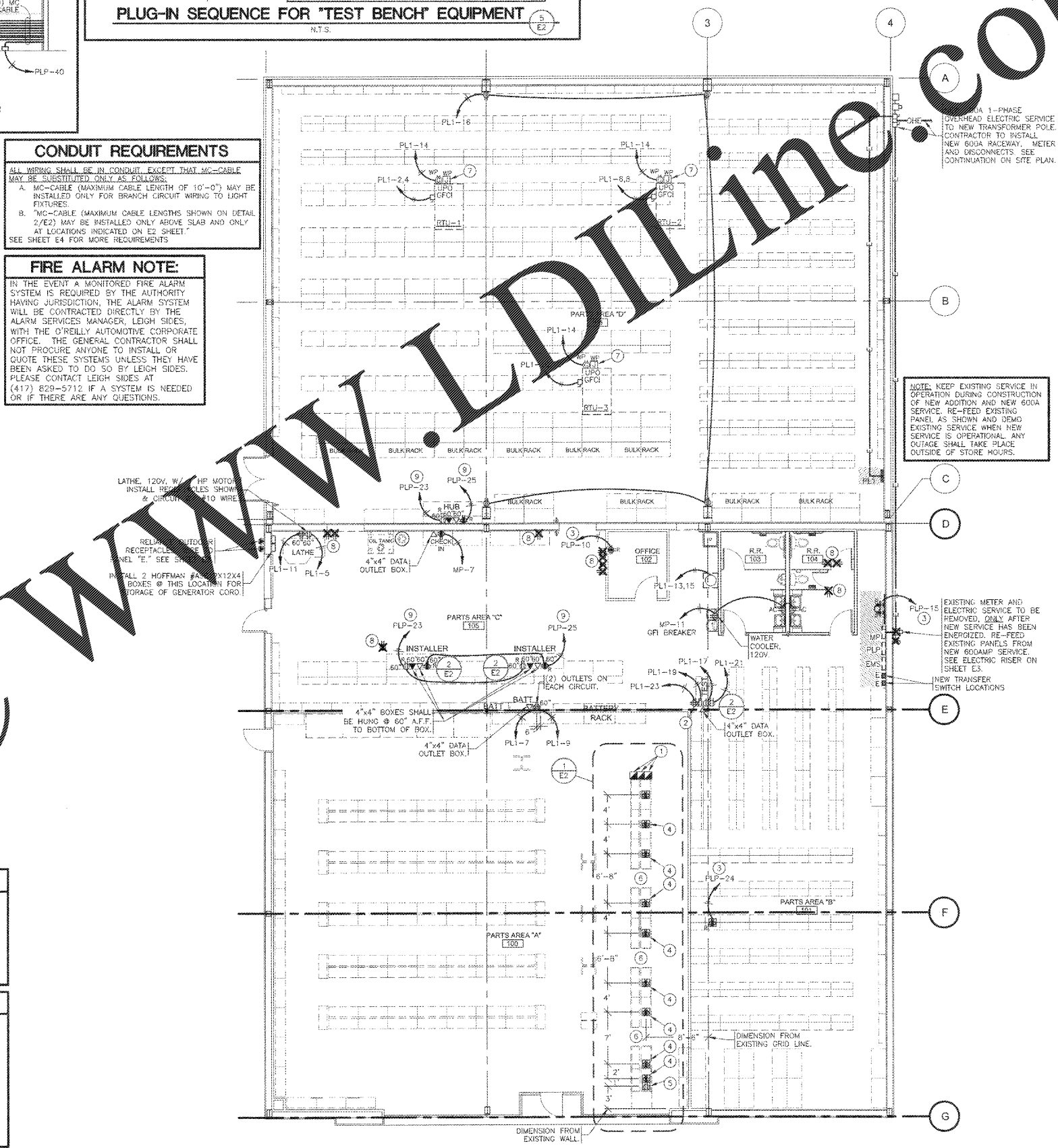
EXISTING TELEPHONE EQUIPMENT: EXISTING TELEPHONE SERVICE TO BE RE-USED. EXISTING TELEPHONE BOARD AND EQUIPMENT TO REMAIN AS IS.

SEISMIC RESTRAINTS (ONLY REQUIRED FOR SEISMIC DESIGN CATEGORIES C,D,E,F)

CONTRACTOR TO REFER TO ARCHITECTURAL SHEET G1.1 FOR SEISMIC DESIGN CATEGORY.

IF REQUIRED SEE SEISMIC DETAILS SHEET ME1.

NOTE:
ALL PANELBOARDS, TRANSFORMERS, TRANSFER SWITCH KIT AND DISCONNECTS WILL BE SUPPLIED BY THE OWNER (O'REILLY). ELECTRICAL GEAR SHALL BE DIRECT ORDERED AND/OR RELEASED FROM THE LISTED ELECTRICAL EQUIPMENT DISTRIBUTOR LISTED ON SHEET E3.



POWER PLAN
SCALE: 1/8" = 1'-0"



SHEETS BEARING THIS SEAL ARE AUTHORIZED. RESPONSIBILITY FOR ALL OTHER PLANS, SPECIFICATIONS OR INSTRUMENTS ARE DISCLAIMED.

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DRAWN BY: CEV
CHECKED BY: NEG
DATE: 10/12/18
REVISION:

PROJECT NUMBER:
FOL-1133

SHEET NUMBER:
E2