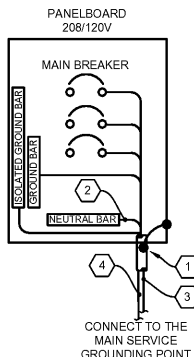


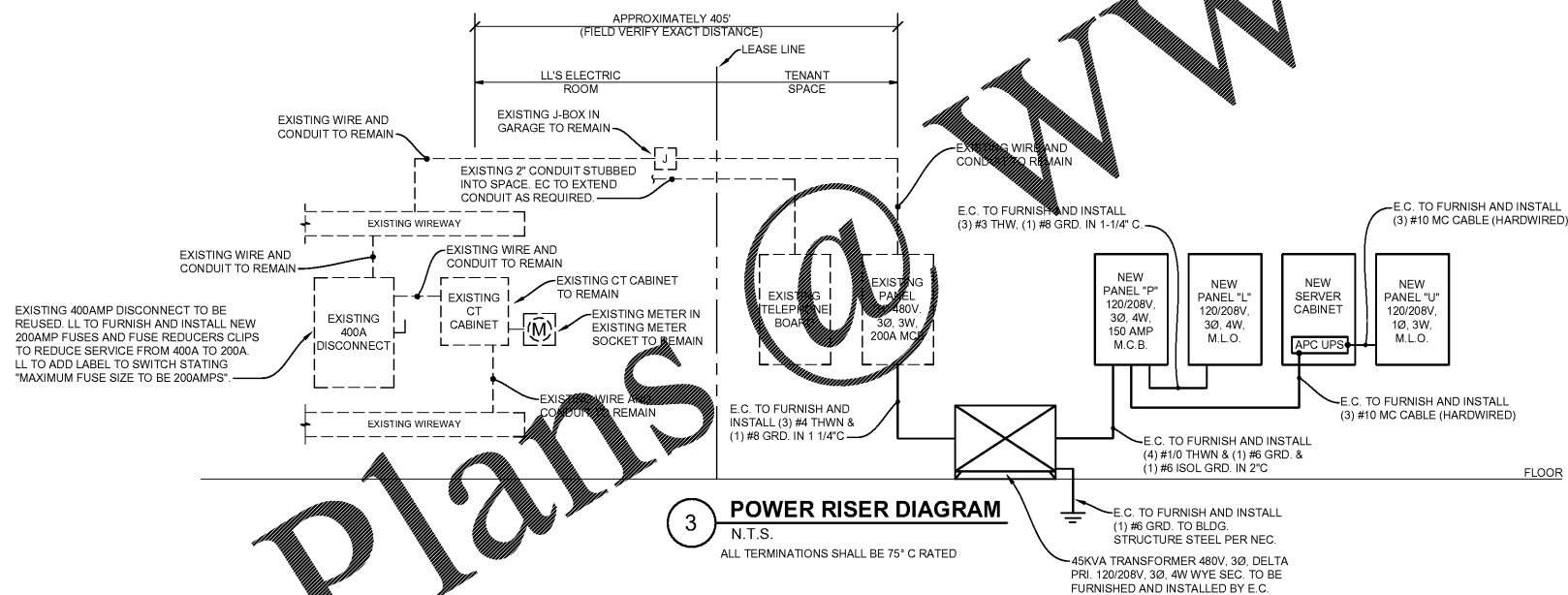
1 DRY TRANSFORMER GROUNDING AND ISOLATED GROUND DETAIL
N.T.S.



2 ISOLATED GROUND DETAIL
N.T.S.

GROUNDING NOTES:

1. CONDUIT GROUND.
2. GROUND #6 AWG (NEUTRAL CONDUCTOR).
3. GROUND ELECTRODE #6 AWG.
4. ISOLATED GROUND #6 AWG.
5. EQUIPMENT GROUND.
6. GROUND #6 AWG (NEUTRAL CONDUCTOR).
7. GROUND ELECTRODE #6 AWG.
8. ISOLATED GROUND #6 AWG.
9. BONDING JUMPER #6 AWG.



3 POWER RISER DIAGRAM
N.T.S.
ALL TERMINATIONS SHALL BE 75° C RATED

TENANT'S ELECTRICAL CONTRACTOR IS TO FIELD VERIFY PRIOR TO BIDS, INSTALLATION OF ISOLATED GROUNDING TO TENANT'S PANEL. IF ISOLATED GROUNDING DOES NOT EXIST, ELECTRICAL CONTRACTOR SHALL INCLUDE ALL COSTS FOR INSTALLATION OF (1) #6 ISOLATED GROUND TO PANEL "P" AND INSTALLATION OF ISOLATED GROUND BAR IN PANEL "P". ELECTRICAL CONTRACTOR SHALL VERIFY ALL REQUIREMENTS WITH LOCAL UTILITY COMPANY PRIOR TO BIDS AND INCLUDE ALL COSTS FOR A ISOLATED GROUND IN BID IF NOT ALREADY EXISTING.

RISER DIAGRAM GENERAL NOTES:

1. HVAC CIRCUIT BREAKERS TO BE "HACR" TYPE WHERE REQUIRED BY EQUIPMENT NAMEPLATE PER N.E.C.
2. TENANT'S ELECTRICAL CONTRACTOR SHALL FIELD VERIFY EXACT K.A.I.C. RATING OF LANDLORD'S DISTRIBUTION EQUIPMENT. FURNISH AND INSTALL TENANT'S ELECTRICAL SYSTEM TO MATCH.
3. ELECTRICAL CONTRACTOR SHALL BALANCE ALL PANELS AND ELECTRICAL EQUIPMENT, UNDER LOAD CONDITIONS, TO ±10% BETWEEN PHASES: A/B, B/C, A/C REGARDLESS OF CIRCUITING INDICATED.
4. PROPER CLEARANCE MUST BE MAINTAINED ABOUT ELECTRICAL EQUIPMENT PER N.E.C. FIELD VERIFY EXACT MOUNTING SPACE AVAILABLE IN ELECTRICAL ROOM/ AREA PRIOR TO INSTALLATION OF ELECTRICAL EQUIPMENT.
5. ELECTRICAL CONTRACTOR SHALL MAKE ALL FINAL ELECTRICAL CONNECTIONS FOR A COMPLETE ELECTRICAL DISTRIBUTION SYSTEM.
6. TENANT'S NAME AND SPACE SHALL BE ENGRAVED ON A BAKELITE PLATE WITH 1" HIGH LETTERS. SCREW FASTEN TO THE METER SOCKET AND DISCONNECT SWITCH AT THE SERVICE DISTRIBUTION POINT.
7. ALL CONNECTIONS TO LANDLORD'S SERVICE EQUIPMENT SHALL BE AS DIRECTED BY LANDLORD'S SITE REPRESENTATIVE. TENANT ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TERMINATION EXPENSES.
8. SYSTEM SHALL BE GROUNDED TO THE MAIN BUILDING'S GROUNDING SYSTEM.

E.C. TO VERIFY ALL EXISTING ELECTRICAL SERVICE CONDITIONS PRIOR TO BID. E.C. TO REUSE EXISTING PANELS, CKT BREAKERS AND DISCON. SW. (IF IN GOOD CONDITION AND SIZED APPROPRIATELY) OR FURNISH AND INSTALL NEW. REUSE OF ANY EXISTING ELECTRICAL EQUIPMENT SHALL BE REFLECTED IN BID.

FIELD VERIFY ALL CONDITIONS

DESIGN DRAWINGS ARE SCHEMATIC. THIS CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING OR AWARD OF CONTRACT TO INSPECT EXISTING FIELD CONDITIONS. THIS CONTRACT SHALL INCLUDE ALL LABOR AND MATERIALS NECESSARY FOR FIELD MODIFICATIONS DUE TO EXISTING CONDITIONS.

THE CONTRACTOR SHALL CONTACT THE ARCHITECT, ENGINEER OR OWNER PRIOR TO BIDDING FOR INTERPRETATIONS AND CLARIFICATIONS OF THE DESIGN AND INCLUDE IN HIS BID ALL COSTS TO MEET THE DESIGN INTENT. CLARIFICATIONS MADE BY THE ARCHITECT, ENGINEER OR OWNER AFTER BIDDING WILL BE FINAL AND SHALL BE IMPLEMENTED AT CONTRACTOR'S COST.

BIDDING CONTRACTORS SHALL HAVE A WORKING KNOWLEDGE OF LOCAL CODES AND ORDINANCES AND SHALL INCLUDE IN THEIR BIDS THE COSTS FOR ALL WORK INSTALLED IN STRICT ACCORDANCE WITH GOVERNING CODES. THE PLANS AND SPECIFICATIONS NOT WITHSTANDING, THE CONTRACTOR SHALL ALERT ARCHITECT, ENGINEER OR OWNER OF ANY APPARENT DISCREPANCIES BETWEEN GOVERNING CODES AND DESIGN INTENT.

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04/06/2018

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4,740 SQUARE FEET

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- design dev.
- bidding
- permit/LL review 04-06-18
- construction

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