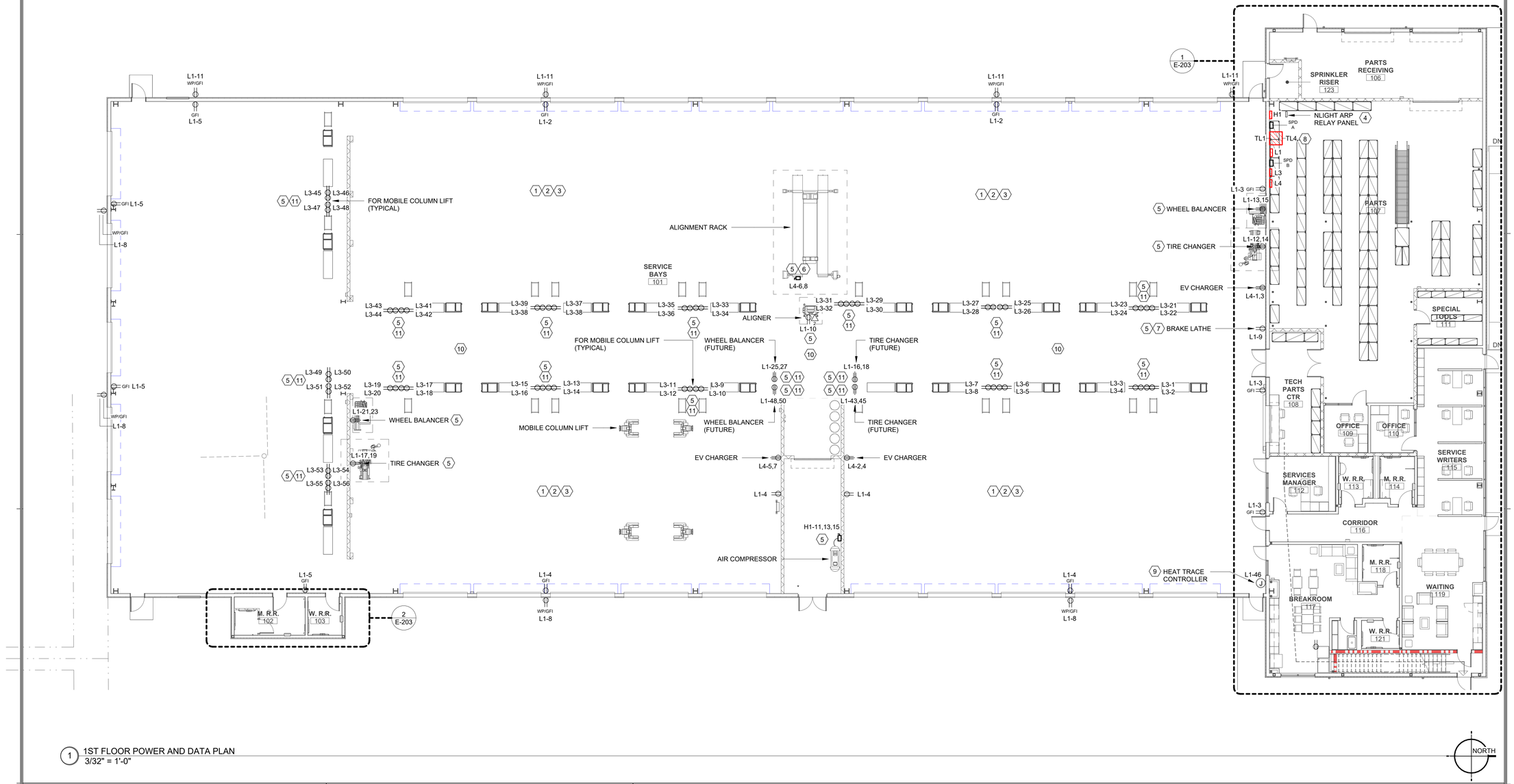


1 1ST FLOOR POWER AND DATA PLAN
3/32" = 1'-0"

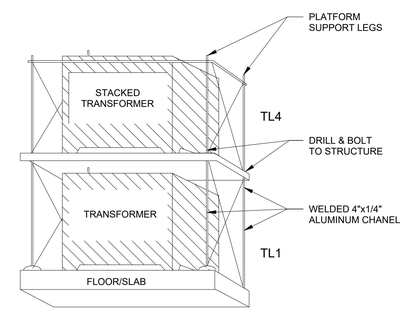
NORTH

POWER / DATA KEYNOTES:

1. ALL RECEPTACLES IN SHOP AREA SHALL BE MOUNTED AT OUTLET 48". SEE SHOP DETAIL.
2. ALL EXPOSED CONDUIT RAN LOW IN SHOP AREA TO BE RIGID METAL CONDUIT.
3. ALL LOW VOLTAGE CABLING THIS AREA TO BE IN CONDUIT.
4. NLIGHT ARP RELAY PANEL TO BE LOCATED ABOVE PANEL "H1".
5. COORDINATE TERMINATION REQUIREMENTS WITH EQUIPMENT PROVIDER PRIOR TO INSTALLATION.
6. REFER TO SAFETY SWITCH SCHEDULE.
7. COORDINATE LOCATION OF EQUIPMENT WITH OWNER / ARCHITECT PRIOR TO ROUGH-IN.
8. REFER TO STACKED TRANSFORMER DETAIL THIS SHEET.
9. INTERFACE WITH FIRE ALARM TO MONITOR POWER.
10. PROVIDE DUAL CHANNEL FLOOR MOUNTED RACEWAY FOR POWER AND DATA TO EQUIPMENT.
11. INSTALL IN DUAL CHANNEL RACEWAY. PROVIDE ONE DATA RECEPTACLE PER POWER RECEPTACLE.

POWER / DATA GENERAL NOTES:

- PRIOR TO ORDER OF ANY ELECTRICAL GEAR,COORDINATE THE REQUIRED SIZE OF ALL CIRCUIT BREAKERS FEEDING EQUIPMENT, (I.E. MOTORS, HVAC, KITCHEN EQUIPMENT, SPECIAL PURPOSE OUTLETS, ELEVATORS, OWNER FURNISHED EQUIPMENT ETC.) WITH APPROVED EQUIPMENT SHOP DRAWINGS AND OWNER REPRESENTATIVES. BREAKERS SHALL BE SIZED PER THE NEC, THE EQUIPMENT NAME PLATE AND MANUFACTURERS RECOMMENDATIONS.
- RECEPTACLES WITHIN 6' OF SINK OR LAV SHALL BE GFI.
- ALL 20 AMP 125 VOLT DUPLEX RECEPTACLES INSTALLED OUTDOORS SHALL HAVE GFCI PROTECTION AND SHALL RECEIVE WEATHER PROOF WHILE IN USE COVER, AS SPECIFIED.
- ALL 120V 15A & 20 RECEPTACLES IN FOOD PREP AND SHOP AREAS SHALL BE GFCI PROTECTED AS REQUIRED BY NEC.
- COORDINATE EXACT INSTALLATION REQUIREMENTS OF OUTLETS IN MILLWORK WITH ARCHITECTURAL DRAWINGS, APPROVED SHOP DRAWINGS, AND MILLWORK INSTALLER PRIOR TO ROUGH-IN. DO NOT ROUGH-IN BEHIND CABINETS, DRAWERS, ETC RENDERING DEVICE UNUSABLE.
- ALL RECEPTACLE CIRCUITS SHALL BE PROVIDED WITH A DEDICATED NEUTRAL FOR EACH PHASE CONDUCTOR.
- CONDUIT FOR DATA DROPS SHALL BE 1" UNLESS NOTED OTHERWISE.
- ALL NEW LOW VOLTAGE CABLING TO BE ROUTED ON J-HOOKS WHERE ABOVE ACCESSIBLE CEILING AND IN CONDUIT WHERE EXPOSED. REFER TO DETAILS.



3 STACKED TRANSFORMER DETAIL
N.T.S.

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NEW CONSTRUCTION
FORD PRO
FOR
MIKE WILLIS
2010 PATTON ST.

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25012
PROJECT MANAGER
TM
DATE ISSUED
2026.05.22
REVISED

SHEET NUMBER
E-201
1ST FLOOR POWER AND DATA PLAN

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