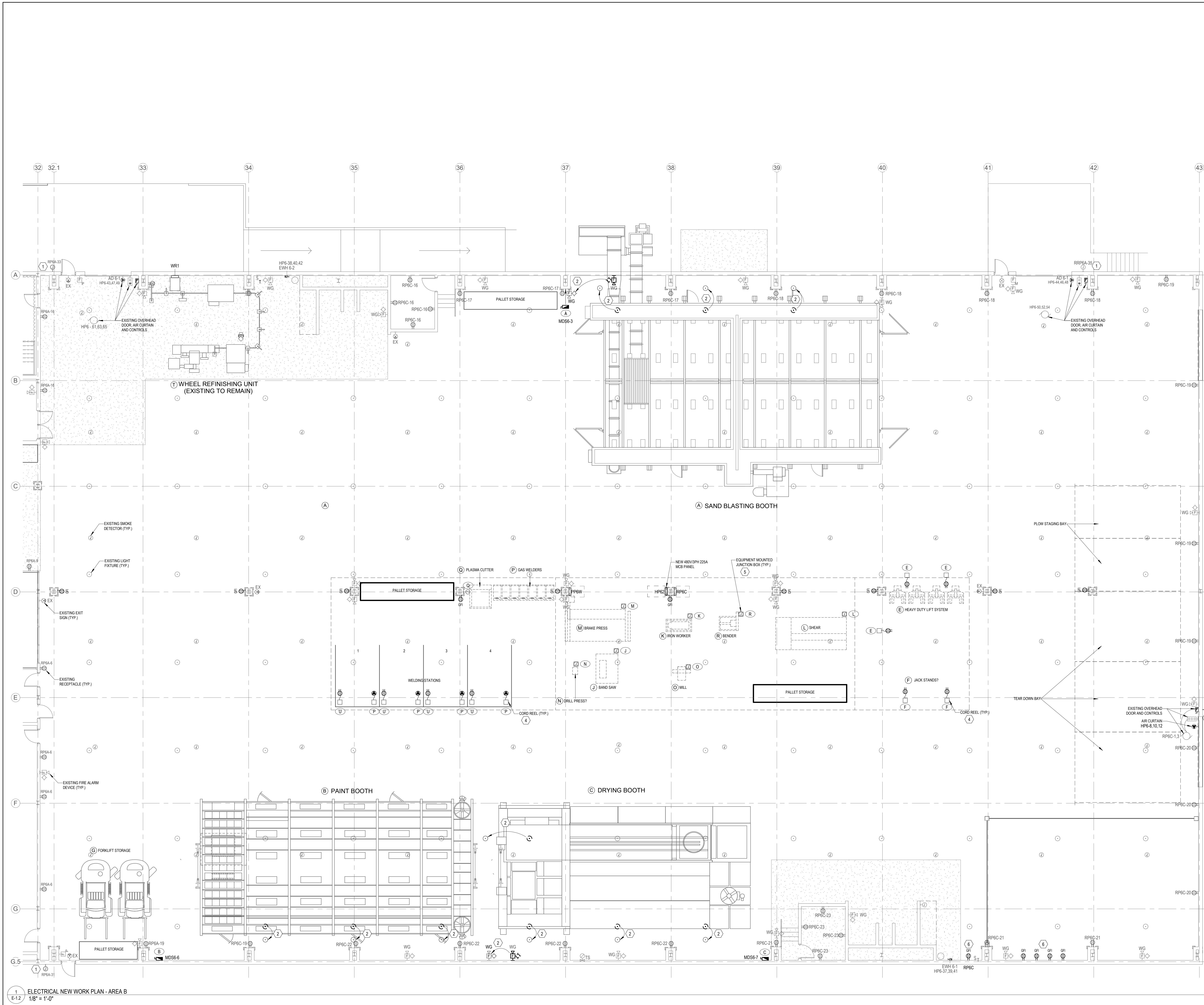




ELECTRICAL SHEET GENERAL NOTES

- 1 FINAL LOCATION OF ALL EQUIPMENT SHALL BE DETERMINED IN THE FIELD AND SHALL BE INSTALLED AS DIRECTED BY THE ARCHITECT OR CLIENT'S AGENCY. WHERE STRUCTURAL OPENINGS ARE NOT AVAILABLE, THE CONTRACTOR SHALL CORE DRILL WALLS AND FLOORS AS REQUIRED TO PERMIT PASSAGE OF CONDUITS. THE ELECTRICAL CONTRACTOR SHALL PROVIDE A MARKED-UP PLAN WITH LOCATION PENETRATIONS FOR REVIEW AND APPROVAL OF THE STRUCTURAL ENGINEER BEFORE ROUGH-IN BEGINS.
- 2 RECEPTACLES FOR ALL EQUIPMENT SHALL BE COMPLETE WITH PLUGS FOR THIS EQUIPMENT. THE ELECTRICAL CONTRACTOR SHALL VERIFY NEMA CONFIGURATIONS OF PLUGS AND RECEPTACLES FOR EQUIPMENT IN THE SPACE.
- 3 THE CONTRACTOR SHALL MAKE EVERY EFFORT TO MAKE ALL FEEDER RUNS CONTINUOUS (NO CABLE BREAKS). IF SPLICING CABLES IN BOXES BECOMES NECESSARY, USE 0.2 G. TYPE "XW" CABLE TAPS, OR APPROVED EQUAL, AND TAPE EACH TAP IN APPROVED MANNER.
- 4 THE MECHANICAL CONTRACTOR SHALL PROVIDE DISCONNECT SWITCHES, VFDS, OR COMBINATION STARTERS FOR ALL OF THEIR UNITS. THE ELECTRICAL CONTRACTOR SHALL RECEIVE THESE ITEMS FROM THE MECHANICAL CONTRACTOR FOR INSTALLATION BY THE ELECTRICAL CONTRACTOR.
- 5 THE ELECTRICAL CONTRACTOR SHALL COORDINATE CONDUIT PENETRATIONS FOR ROOF TOP EQUIPMENT WITH MECHANICAL AND ROOFING CONTRACTORS. IF PROVISIONS ARE NOT IN PLACE FOR THESE PENETRATIONS THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING OWN PENETRATIONS AND CONTRACTING THE ROOF CONTRACTOR FOR SEALING THE ROOF PENETRATIONS.
- 6 REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION OF ALL MECHANICAL EQUIPMENT.
- 7 PROVIDE CONDUIT AND WIRING AS REQUIRED TO MEET CIRCUITING SHOWN TO CONFORM TO NEC REQUIREMENTS.
- 8 PROVIDE EQUIPMENT GROUND CONDUCTOR IN ALL RACEWAYS. REFER TO PANELBOARD SCHEDULES.
- 9 REFER TO EQUIPMENT CONNECTION SCHEDULE FOR ELECTRICAL REQUIREMENTS AND CIRCUIT DESIGNATIONS.
- 10 ROUTE CONDUIT HIGH AGAINST STRUCTURE AND OFFSET UP BETWEEN JOISTS WHERE NECESSARY TO AVOID DUCT WORK AND HVAC SYSTEM.
- 11 VERIFY AND COORDINATE EXACT ELECTRICAL REQUIREMENTS OF ALL EQUIPMENT WITH MANUFACTURER'S RECOMMENDATIONS PRIOR TO INSTALLATION OF EQUIPMENT.
- 12 EXISTING ELECTRICAL DEVICES, INCLUDING BUT NOT LIMITED TO, OUTLETS, FIRE ALARM DEVICES, LIGHT FIXTURES AND DISCONNECT SWITCHES SHALL REMAIN IN PLACE UNLESS NOTED OTHERWISE. PROVIDE PROTECTIVE COVERS ON SMOKE DETECTORS DURING CONSTRUCTION.
- 13 FINAL LOCATIONS OF ELECTRICAL CONNECTIONS SHALL BE COORDINATED WITH EQUIPMENT MANUFACTURER, DOC AND FINAL EQUIPMENT LAYOUT.

ELECTRICAL KEYNOTES

- 1 EXISTING JUNCTION BOX AND CIRCUIT FOR CONNECTION TO SECURITY SYSTEM.
- 2 RELOCATE EXISTING DEVICES AND EXTEND WIRING TO NEW LOCATIONS. COORDINATE WITH FINAL LOCATIONS OF NEW EQUIPMENT.
- 3 PROVIDE A JUNCTION BOX, CONDUIT AND CIRCUIT FOR SECURITY CAMERA CONNECTION SIMILAR TO EXISTING.
- 4 CEILING MOUNTED CORD REEL AND OUTLETS. REFER TO EQUIPMENT CONNECTION SCHEDULE AND PROVIDE CEILING MOUNTED LOOKABLE SINGLE RECEPTACLE AT EACH LOCATION FOR POWER CONNECTION TO CORD REELS.
- 5 EQUIPMENT MOUNTED JUNCTION BOX WITH DIRECT CONNECTION TO EQUIPMENT WITH LFVAC. HOMERUN CIRCUIT SHALL BE RUN UNDERGROUND. COORDINATE CONDUIT STUB UP LOCATIONS IN FIELD WITH EQUIPMENT LAYOUT AND CONNECTION POINT.
- 6 WATER HEATER (GAS) RECEPTACLES IN WEATHER PROOF IN-USE TYPE METALLIC ENCLOSURES.

KEY PLAN

FOR CONSTRUCTION

DESCRIPTION	DESCRIPTION

Professional's Signature Date Professional's Signature Date



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PITTSBURGH, PA 15212
PH: 412-287-7333

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF GENERAL SERVICES
HARRISBURG, PENNSYLVANIA

PROJECT NO. DGS A-0377-001 PHASE 2

SCI FOREST - COMPLETE CONSTRUCTION
OF BUILDING 6

286 Woodland Drive
Martinsville, PA 16029

ELECTRICAL FLOOR PLANS - AREA B

DRAWN BY: AEW	DATE: 04/19/2019	DRAWING NO. E-1.2
CHECKED BY: AEW	SCALE: 1/8" = 1'-0"	