PROJECT CODES

APPLICABLE CODES

INTERNATIONAL BUILDING CODE - NJ EDITION 2021
REHABILITATION SUBCODE - NJAC 5:23-6
NATIONAL ELECTRIC CODE 2020

MISC. DWG. SYMBOLS

- POINT OF CONNECTION
- EQUIPMENT SYMBOL/PLAN NUMBER
- EQUIPMENT NUMBER OR FLOW (GPM,CFM,ETC.) / PLAN DRAWING NUMBER
- KEYED NEW WORK NOTE
- KEYED DEMOLITION NOTE

SYMBOLS

- 208/120V PANELBOARD - SURFACE MOUNTED
- 480/277V PANELBOARD - SURFACE MOUNTED
- 208/120V PANELBOARD - RECESSED IN WALL
- 480/277V PANELBOARD - RECESSED IN WALL
- 30 — UNFUSED SAFETY SWITCH - NO. INDICATES SWITCH AMPERE RATING
- 30/20 — FUSED SAFETY SWITCH - NOS. INDICATE SWITCH/FUSE AMPERE RATINGS
- 1 30/20 — FUSED COMBINATION MAGNETIC STARTER - NOS. INDICATE STARTER NEMA RATING & SWITCH/FUSE AMPERE RATINGS
- BRANCH CIRCUIT WIRING - CONCEALED
- HOME RUN TO PANELBOARD
- DUPLEX RECEPTACLE - 125V, 20A-MOUNTED 18" A.F.F. TR - TAMPER RESISTANT
- GFI — DUPLEX RECEPTACLE WITH GROUND FAULT INTERRUPTER PROTECTION - 125V, 20A-MOUNTED 18" A.F.F.
- QUADRUPLEX RECEPTACLE - 125V, 20A-MOUNTED 18" A.F.F.
- FIRE RATED POKE THROUGH
- J — JUNCTION BOX - WALL MOUNT OR ABOVE CEILING (TYPICAL FOR ALL JUNCTION BOX SYMBOLS)
- R — DROP REEL CORD - COORDINATE EXACT MOUNTING REQUIREMENTS WITH ARCHITECT. REELCRAFT MODEL #L 4545 123 7A OR APPROVED EQUAL
- OC — CEILING MOUNTED OCCUPANCY SENSOR
- A — 2X4 LIGHTING PANEL INDICATES FIXTURE TYPE
- 2X2 LIGHTING PANEL
- 2X4 EMERGENCY LIGHTING PANEL - PROVIDE WITH INTEGRAL EMERGENCY BATTERY BACKUP
- 2X2 EMERGENCY LIGHTING PANEL - PROVIDE WITH INTEGRAL EMERGENCY BATTERY BACKUP
- DOWNLIGHTS
- LINEAR LIGHT FIXTURE
- EXTERIOR WALL PACK
- EMERGENCY BATTERY UNIT
- REMOTE EMERGENCY BATTERY UNIT
- $X — WALL MOUNTED SINGLE POLE LIGHTING SWITCH. SUBSCRIPTS DENOTE THE FOLLOWING:
  - K - KEYED
  - 3 - THREE-WAY
  - D - DIMMER
  - V - VACANCY SENSOR
  - M - MOTOR-RATED
  - P - PILOT. PROVIDE LED INDICATOR LIGHT AND LABEL WITH AREA BEING SERVED
  - LV - LOW VOLTAGE
- CEILING MOUNTED EXIT SIGN
- FACP — FIRE ALARM CONTROL PANEL
- F — FIRE ALARM MANUAL PULL STATION
- S — CEILING MOUNTED SMOKE DETECTOR
- FIRE ALARM STROBE - WALL MOUNTED
- FIRE ALARM STROBE - CEILING MOUNTED
- FIRE ALARM HORN STROBE - WALL MOUNTED
- CO — FIRE ALARM CARBON MONOXIDE DETECTOR - WALL MOUNTED
- LOW VOLTAGE LOCATION. PROVIDE & INSTALL DOUBLE GANG BACK BOX WITH BLANK PLATE FOR FUTURE CABLING BY OWNER. PROVIDE 1-1/4" CONDUIT ROUTED FROM BACK BOX TO PROPOSED FIBER CONVERTER RACK LOCATION
- SECURITY CAMERA LOCATION. PROVIDE & INSTALL DOUBLE GANG BACK BOX WITH BLANK PLATE FOR FUTURE CABLING BY OWNER. PROVIDE 1-1/4" CONDUIT ROUTED FROM BACK BOX TO PROPOSED FIBER CONVERTER RACK LOCATION
- WIRELESS ACCESS POINT LOCATION. PROVIDE & INSTALL DOUBLE GANG BACK BOX WITH BLANK PLATE FOR FUTURE CABLING BY OWNER. PROVIDE 1-1/4" CONDUIT ROUTED FROM BACK BOX TO PROPOSED FIBER CONVERTER RACK LOCATION
- EPO — EMERGENCY SHUTOFF BUTTON

ABBREVIATIONS

A.F.F.	ABOVE FINISHED FLOOR
ADC	ABOVE DROP CEILING
C., CND	CONDUIT
B.C.	BELOW CEILING
D	DEMOLISH
DISC.	DISCONNECT
DWG	DRAWING
EX	EXISTING
ER	EXISTING TO BE REMOVED
EWC	ELECTRIC WATER COOLER
ETR	EXISTING TO REMAIN
F.P.C.	FIRE PROTECTION CONTRACTOR
G., GND	GROUND
GEN	GENERATOR
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
K.E.C.	KITCHEN EQUIPMENT CONTRACTOR
KW	KILOWATTS
KVA	KILOVOLT AMPERES
N.E.C.	NATIONAL ELECTRIC CODE
PVC	POLYVINAL CHLORIDE CONDUIT, SCHEDULE 40
R	REMOVE
RE	RELOCATE
REX	RELOCATED
SW	SWITCH
TVSS	TRANSIENT VOLTAGE SURGE SUPRESSOR
U.O.N.	UNLESS OTHERWISE NOTED
UG, U/G	UNDERGROUND
W/	WITH
WG	WIRE GUARD
WP	WEATHERPROOF
PH	PHASE
V	VOLT
4W	FOUR WIRE
25A	25 AMPERES

ELECTRICAL DEMOLITION NOTES

1. NOTES AND GRAPHIC REPRESENTATIONS SHALL NOT LIMIT THE EXTENT OF DEMOLITION REQUIRED. CONTRACTOR SHALL VISIT THE SITE, CAREFULLY EXAMINE EXISTING CONDITIONS AND SHALL PERFORM ALL DEMOLITION REQUIRED TO ACHIEVE THE FINAL DESIGN INTENT AS REQUIRED BY THE CONTRACT DOCUMENTS. EXTENT OF ALL DEMOLITION WORK SHALL BE COORDINATED WITH THE OWNER & ENGINEER.
2. ALL WORK REQUIRED TO REMAIN IN SERVICE BUT INTERFERING WITH THE ALTERATIONS SHALL BE RELOCATED AND RECONNECTED USING MATERIALS AND STANDARDS OF THIS CONTRACT.
3. ANY EQUIPMENT AND WIRING TO BE REMOVED SHALL BE DE-ENERGIZED PRIOR TO ANY DEMOLITION WORK.
4. EQUIPMENT INDICATED TO BE REMOVED SHALL BE TAKEN FROM THE SITE AND DISPOSED OF IN ACCORDANCE WITH APPLICABLE LAWS AND ENVIRONMENTAL REGULATIONS. EQUIPMENT REQUIRED TO BE TURNED OVER TO THE OWNER SHALL BE PLACED IN A MUTUALLY ACCEPTABLE LOCATION.
5. PROCEDURE FOR FEEDERS AND BRANCH CIRCUITS TO BE RE-USED - REMOVE CONDUIT AND WIRING TO LOCATIONS WHICH AVOID CONFLICTS WITH NEW WORK. INSTALL JUNCTION BOXES, TAPE OFF CONDUCTORS AND IDENTIFY WITH PANEL AND CIRCUIT NUMBER.
6. ALL WORK SHALL BE PROPERLY IDENTIFIED AFTER DEMOLITION. UPDATE ALL PANEL SCHEDULES TO REFLECT EQUIPMENT AND CIRCUIT REMOVALS.

TYPICAL VOLTAGE DROP CALCULATIONS

MAXIMUM WIRE DISTANCES VS. WIRE SIZE FOR 20A, 1PH BRANCH CIRCUIT

VOLTAGE (V)	LOAD AMPS	WIRE SIZE (COPPER)			
		#12	#10	#8	#6
		RUN DISTANCE (FT)*			
120V	14	50	80	125	215
120V	12	55	100	150	225
120V	10	65	125	175	250
120V	5	125	200	-	-
277V	14	110	200	-	-
277V	12	125	225	-	-
277V	10	150	250	-	-
277V	5	300	-	-	-

NOTE: THE ABOVE WIRE LENGTHS ARE PROVIDED FOR REFERENCE ONLY. ELECTRICAL CONTRACTOR IS RESPONSIBLE TO CONFIRM VOLTAGE DROP IS LESS THAN 3% FOR THE ACTUAL BRANCH CIRCUIT ROUTING.

GENERAL ELECTRICAL NOTES

1. SOME LEGEND SYMBOLS AND ELECTRICAL PROJECT NOTES MAY NOT BE USED. SEE PLANS FOR APPLICABLE DEVICES.
2. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE 2020 EDITION OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE SPECIFICATION.
3. ALL CIRCUIT BREAKERS SERVING HVAC EQUIPMENT SHALL BE UL LISTED AS 'HACR'.
4. THE DRAWINGS ARE DIAGRAMMATIC. EXACT LOCATION OF EQUIPMENT, WIRING AND RACEWAYS SHALL BE DETERMINED BY CONTRACTOR SUBJECT TO ENGINEER APPROVAL.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ELECTRICAL CHARACTERISTICS OF ALL NEW EQUIPMENT, MOTORS, ETC. BEFORE INSTALLING CABLING AND RACEWAY. IF THERE ARE ANY DISCREPANCIES BETWEEN THE ACTUAL RATING OF EQUIPMENT AT THE SITE AND THE DRAWINGS, THEN THE ENGINEER SHALL BE NOTIFIED.
6. ALL EMPTY CONDUITS SHALL HAVE A PULL STRING INSTALLED.
7. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS ON SITE, IN ACCORDANCE WITH THE REQUIREMENTS OF THE CONTRACT.
8. ALL PANELS, WIRING DEVICES, BOXES, AND ENCLOSURES LOCATED OUTDOORS SHALL BE NEMA 3R. ALL PANELS, WIRING DEVICES, BOXES, AND ENCLOSURES LOCATED INDOORS SHALL BE NEMA 1.
9. ALL FUSES IN DISCONNECT SWITCHES SHOWN SHALL BE CLASS RK-1, FAST ACTING, UNLESS RECOMMENDED OTHERWISE BY THE EQUIPMENT SUPPLIER/MANUFACTURER.
10. THE ELECTRICAL CONTRACTOR TO PROVIDE MOUNTING SUPPORTS FOR ALL DISCONNECT SWITCHES. USE P1000 UNISTRUT FOR ALL INDOOR SUPPORTS AND GALVANIZED P1000 UNISTRUT FOR ALL OUTDOOR SUPPORTS.
11. ALL RACEWAYS PENETRATING FIRE RATED PARTITIONS, WALLS, AND CEILINGS SHALL BE SEALED USING APPROVED FIRE RATED SEALANT TO MATCH THE REQUIRED WALL FIRE RATING.
12. THE ELECTRICAL CONTRACTOR SHALL SECURE FROM OTHER CONTRACTORS ON THE PROJECT: SHOP DRAWINGS TO VERIFY CHARACTERISTICS OF ALL EQUIPMENT TO BE WIRED. IF THE CONTRACTOR FINDS DISCREPANCIES BETWEEN THE SHOP DRAWINGS AND THE ELECTRICAL PLANS, THE ELECTRICAL CONTRACTOR SHALL NOTIFY THE ENGINEER PROMPTLY, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTIONS TO THE ELECTRICAL INSTALLATION IF THE DRAWING REVIEW IS NOT COMPLETED BY THE CONTRACTOR.
13. THE CONTRACTOR SHALL SUBMIT TO THE OWNER: CERTIFICATES OF INSPECTION FOR THE ELECTRICAL INSTALLATION FROM AN APPROVED INSPECTION AGENCY UPON COMPLETION OF ELECTRICAL WORK.
14. THE ENTIRE ELECTRICAL SYSTEM SHALL BE TESTED FOR PROPER GROUNDING AND OPERATION. TEST SHALL VERIFY THAT THE SYSTEM HAS NO SHORT CIRCUITS, OPENS, OVERLOADS, OR PANEL IMBALANCES. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS AND TEST INSTRUMENTS. ALL EQUIPMENT AND WIRING SYSTEMS SHALL BE GROUNDED IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE.
15. PRIOR TO FINAL ACCEPTANCE OF THE ELECTRICAL WORK, THE ELECTRICAL CONTRACTOR SHALL SUBMIT TO THE OWNER A WRITTEN STATEMENT GUARANTEEING ALL EQUIPMENT, MATERIALS, AND WORKMANSHIP FOR A PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE OF THE PROJECT. UPON WRITTEN NOTICE TO THE CONTRACTOR DURING THE WARRANTY PERIOD, THE CONTRACTOR NO EXPENSE TO THE OWNER, SHALL REPAIR OR REPLACE ALL DEFECTIVE MATERIALS OR WORKMANSHIP.
16. ALL WORK SHALL BE INSTALLED SO AS TO BE READILY ACCESSIBLE FOR OPERATION MAINTENANCE, AND REPAIR. MINOR DEVIATIONS FROM THE PLANS MAY BE MADE TO ACCOMPLISH THIS, SUBJECT TO THE APPROVAL OF THE ENGINEER.
17. ALL MATERIALS AND EQUIPMENT FURNISHED FOR THIS PROJECT SHALL BE NEW, LISTED, AND APPROVED BY UL.
18. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, INSPECTIONS, LICENSES AND PAY UTILITY COMPANY FEES WHERE REQUIRED.
19. ALL FUSED AND NON-FUSED DISCONNECT SWITCHES SHALL HAVE: 600 VOLT RATING FOR 480 VOLT CIRCUITS & 250 VOLT RATING FOR 208 VOLT CIRCUITS. SIZE FUSES TO COMPLY WITH NAMEPLATE RATING OF EQUIPMENT SERVED.
20. ELECTRICAL CONTRACTOR SHALL PROVIDE ADEQUATE TEMPORARY ELECTRICAL LIGHT AND POWER AS REQUIRED FOR THE PROJECT WORK OF ALL TRADES DURING CONSTRUCTION.
21. PROVIDE MODIFICATION OF THE FIRE ALARM SYSTEM TO ACCEPT NEW DEVICE. WIRE TO NEAREST INITIATOR DEVICE CIRCUIT. PROVIDE PROGRAMMING OF FIRE ALARM SYSTEM TO ACCEPT NEW DEVICE(S) AS NECESSARY.
   - 21.1. CONTRACTOR TO ENSURE THAT NEW DEVICE(S) SHALL BE FULLY COMPATIBLE WITH EXISTING FIRE ALARM SYSTEM.
   - 21.2. PROVIDE FIRE ALARM CABLE IN CONDUIT AS NECESSARY IN ACCORDANCE WITH MANUFACTURER STANDARDS.
   - 21.3. FIRE ALARM SYSTEM SHALL UNDERGO A 100% RE-ACCEPTANCE TEST IN ACCORDANCE WITH NFPA 72.
22. ELECTRICAL CONTRACTOR SHALL CONCEAL ALL NEW WIRING ASSOCIATED WITH NEW SWITCH LOCATIONS AND RECEPTACLES WITHIN EXISTING TILED MASONRY WALLS. CONTRACTOR SHALL INSTALL JUNCTION BOXES ABOVE DROP CEILINGS IN THE LOCATION OF THE NEW DEVICES AS NECESSARY TO ACCESS EXISTING MASONRY CELLS. PROVIDE APPROPRIATE WALL SEALANT MATCHING RATING OF EXISTING WALLS WHERE PENETRATIONS ARE MADE ABOVE DROP CEILINGS.

MOUNTING HEIGHT CHART - ELECTRICAL EQUIPMENT

MOUNTING HEIGHT (AFF)	EQUIPMENT SYMBOL (OR REFER TO DESCRIPTION, NEXT COLUMN)	DESCRIPTION OF EQUIPMENT (DEVICES, OUTLETS, ETC.)	REMARKS
12'-0" U.O.N.		EXTERIOR WALL MOUNTED LIGHTING FIXTURES	SEE ARCHITECTURAL ELEVATIONS
10'-0"/8'-6"		BATTERY OPERATED EMERGENCY LIGHTING UNITS OR REMOTE MOUNTED HEADS	OR 1' BELOW CEILING WHICH EVER HEIGHT IS LOWER
8'-6"		PENDANT MOUNTED INDUSTRIAL AND STRIP LIGHTING FIXTURES	
8'-4"	SP	WALL MOUNTED CLOCKS AND SPEAKERS	OR 9" BELOW CEILING WHICH EVER HEIGHT IS LOWER
7'-6"		TOP OF EXIT SIGNS (NOT MOUNTED ABOVE A DOOR)	
ENTIRE LENS NOT LESS THAN 80"& NOT GREATER THAN 96"AFF		FIRE ALARM NOTIFICATION DEVICES	
6'-6"		CENTERLINE OF INTERIOR WALL MOUNTED FIXTURES	
6'-0"		MAXIMUM ELEVATION OF DISCONNECT SWITCHES, STARTERS AND CONTACTORS	
4'-6"		MAXIMUM ELEVATION OF WALL MOUNTED PHONES	3'-6" FOR ADA DEVICES
4'-0"		WALL MOUNTED WIREMOLD	
3'-6"	EPO $ $3	WALL MOUNTED ELECTRICAL CONTROL DEVICES, SWITCHES, MANUAL MOTOR STARTERS	
OPERABLE PART OF PULL STATION NOT LESS THAN 3'-6" NOR MORE THAN 4'-0" AFF	F	WALL MOUNTED FIRE ALARM PULL STATION	
3'-0"		WALL MOUNTED RECEPTACLE IN MECHANICAL, ELECTRICAL, AND ELEVATOR ROOMS AND ON BUILDING EXTERIORS	
1'-6"	TV NC	WALL MOUNTED RECEPTACLE, DATA OUTLET, TELEPHONE OUTLET OR SPECIAL RECEPTACLE	

1. MOUNTING HEIGHT OF EQUIPMENT LISTED SHALL BE AS INDICATED OR AS SPECIFIED ON THE DRAWINGS. ACTUAL MOUNTING HEIGHT MAY BE ADJUSTED TO FIELD CONDITIONS, INCLUDING THE WALL CONSTRUCTION ELEMENTS (BLOCKS, ETC.).
2. MOUNTING HEIGHT INDICATED FOR THE CENTERLINE OF THE DEVICE OR OUTLET, OR TO THE CENTER OF THE OPERATING CONTROL DEVICE, UNLESS NOTED OTHERWISE. HEIGHTS INDICATED ARE APPLICABLE OVER GRADE, PLATFORM AND OTHER OPERATING LEVELS
3. RECEPTACLES OUTLETS SHALL BE 4" ABOVE COUNTERTOP, 6" ABOVE TABLE OR DESKTOP, OR AS NOTED ON ELECTRICAL OR ARCHITECTURAL LAYOUTS AND DETAILS.
4. THIS CHART, INCLUDING THE NOTES, IS APPLICABLE EVEN IF THE MOUNTING HEIGHT IS SPECIFIED ON THE SYMBOL LIST.

ALL WORK SHOWN IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR, UNLESS NOTED OTHERWISE.

DATE	No.	REVISION
11/03/26	1	RELEASED FOR BID

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LOT NO. 3
BLOCK NO. 4704

LRHSD PROJECT NO. REF21-43-8319, 2-010-24
PROPOSED NEW MAINTENANCE FACILITY

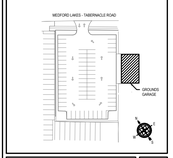
SHAWNEE HIGH SCHOOL MAINTENANCE BUILDING

580 TABERNACLE ROAD, MEDFORD, NEW JERSEY 8055
MEDFORD TOWNSHIP
BURLINGTON COUNTY

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KEY PLAN:



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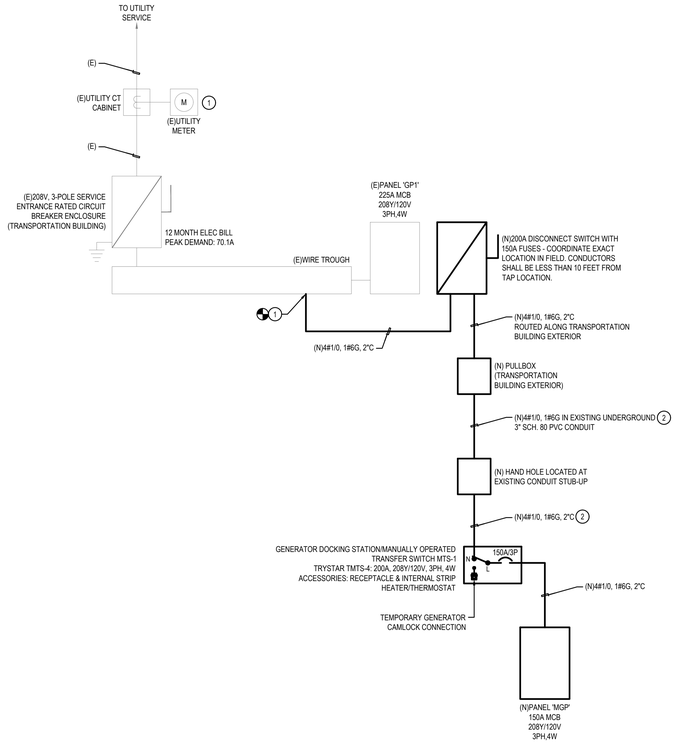
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SCALE:	AS NOTED	DRAWN BY:	
COMM. No.	8319	CHECKED BY:	
DATE:	11/03/2026	BC26206.00	

SHEET TITLE:
ELECTRICAL LEAD SHEET

SHEET No.:
E0.0

FILE J:\2026\8 Dept Commercial - Hospitality\BPB26206.00 - LRHSD - 8319 SHS Grounds Garage\05 - Drawings\Electrical\8319 - E-001 - Cover Sheet.dwg DATE 11/3/2026 3:32 PM USER Leeds, Ryan



1 E0.1 ELECTRICAL SINGLE LINE DIAGRAM

SCALE: NONE

KEY TO LINETYPES	
	EXISTING EQUIPMENT
	NEW WORK/EQUIPMENT

NEW WORK SYSTEM NOTES:

1. GENERAL NOTES:
   - A. REFER TO ELECTRICAL LEAD SHEET, E-001 FOR "NOTES" THAT PERTAIN TO THE SCOPE OF THIS PROJECT.
   - B. REFER TO SHEET SPECIFICATIONS ON SHEET E0.01 FOR EXECUTION REQUIREMENTS.
   - C. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE 2020 EDITION OF THE NATIONAL ELECTRICAL CODE.
   - D. CONTRACTOR SHALL PROVIDE ALL REQUIRED CONDUITS, RACEWAYS, CONDUCTORS, AND OTHER EQUIPMENT NECESSARY TO PROVIDE A COMPLETE WORKING SYSTEM.
   - E. CONTRACTOR SHALL INSTALL ALL (N) EQUIPMENT IN STRICT ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS AND SHALL MAINTAIN ALL CLEARANCES AS NOTED WITHIN THE WRITTEN INSTRUCTIONS.
   - F. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL ALL ELECTRICAL EQUIPMENT, WIRING AND RACEWAY, AND MAKE ALL CONNECTIONS TO/FROM PANELBOARDS, DISCONNECT SWITCHES, ADJUSTABLE SPEED DRIVES, MOTOR STARTERS, AND THE END USE EQUIPMENT NECESSARY FOR A FULLY OPERATIONAL SYSTEM. COORDINATE WITH MECHANICAL CONTRACTOR.
   - G. ALL RACEWAYS PENETRATING FIRE RATED PARTITIONS, WALLS, AND CEILINGS SHALL BE SEALED USING APPROVED FIRE RATED SEALANT TO MATCH THE REQUIRED WALL FIRE RATING, SUBMIT UL APPROVED METHODS FOR FIRESTOPPING AT EACH SPECIFIC LOCATION.
   - H. ALL POWER SHUT DOWNS MUST BE COORDINATED WITH THE OWNER'S REPRESENTATIVE.
   - I. THE ELECTRICAL CONTRACTOR SHALL MAKE AN ON SITE INSPECTION TO DETERMINE THE FULL SCOPE OF WORK AND WORKING CONDITIONS BEFORE SUBMITTING A PROPOSAL.
   - J. THE ELECTRICAL CONTRACTOR SHALL PROVIDE NEW TYPEWRITTEN PANEL SCHEDULES WITHIN THE SCOPE OF THIS PROJECT. THIS INCLUDES ALL PANELS EVEN IF ONLY A FEW CIRCUITS WERE CHANGED AS A RESULT OF THIS PROJECT. WHERE ACTUAL FIELD CONDITIONS REQUIRE DIFFERENT CIRCUIT NUMBERS THAN THOSE INDICATED ON PLANS THE CONTRACTOR SHALL ADVISE OWNER OF CHANGES ON REQUIRED AS-BUILT DRAWINGS.
   - K. ELECTRICAL CONTRACTOR SHALL BE REQUIRED TO VERIFY EXISTING DEMAND LOADS ON EXISTING ELECTRICAL PANELS BEING MODIFIED AS PART OF THIS SCOPE OF WORK AND ADVISE ENGINEER OF RECORD/OWNER WHERE THE EXISTING AND NEW EQUIPMENT LOADS EXCEED THE RATING OF THE EXISTING ELECTRICAL PANELS.
   - L. ALL DEVICES SHOWN ON PLAN ARE NEW UNLESS OTHERWISE NOTED.

NEW WORK KEYED NOTES:

GENERAL: NEW WORK NOTES ARE INDICATED WITH THE FOLLOWING SYMBOL (#) AND ARE NUMBERED AS FOLLOWS:

1. ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL CLEAR TAPS IN EXISTING WIRE TROUGH TO POWER NEW MAINTENANCE GARAGE PANEL 'MGP'. TAP SHALL BE INSTALLED IN ACCORDANCE WITH NEC 240.21(B). COORDINATE REQUIRED SHUTDOWNS WITH DISTRICT PERSONNEL.
2. ELECTRICAL CONTRACTOR SHALL UTILIZE EXISTING 3" SCH. 80 PVC CONDUIT ROUTED UNDERGROUND FROM EXISTING TRANSPORTATION BUILDING TO NEW MAINTENANCE GARAGE. PROVIDE HAND HOLE AT EXISTING CONDUIT STUB-UP TO EXTEND CONDUIT TO NEW PANEL 'MGP'. REFER TO ELECTRICAL SITE PLAN ON SHEET E2.0 FOR ADDITIONAL INFORMATION. COORDINATE ALL REQUIREMENTS WITH CIVIL DRAWINGS.

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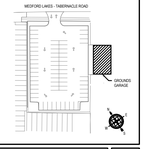
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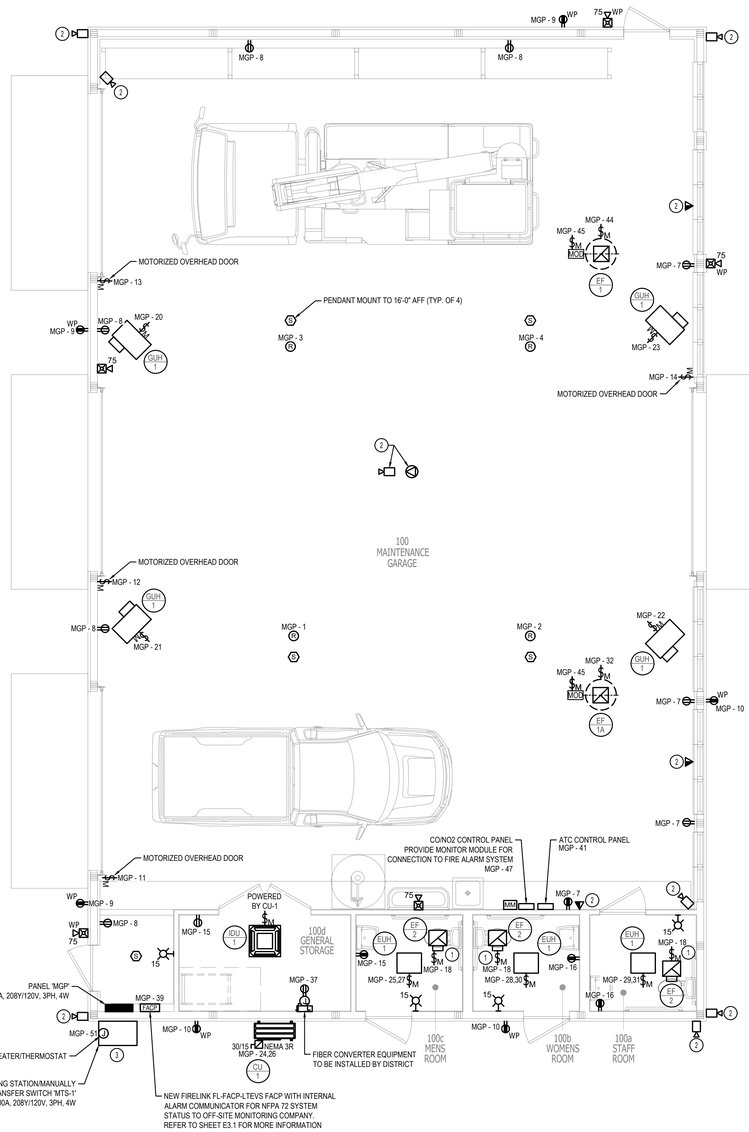
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SHEET TITLE:
ELECTRICAL SINGLE LINE DIAGRAM

SHEET No.:
E0.1

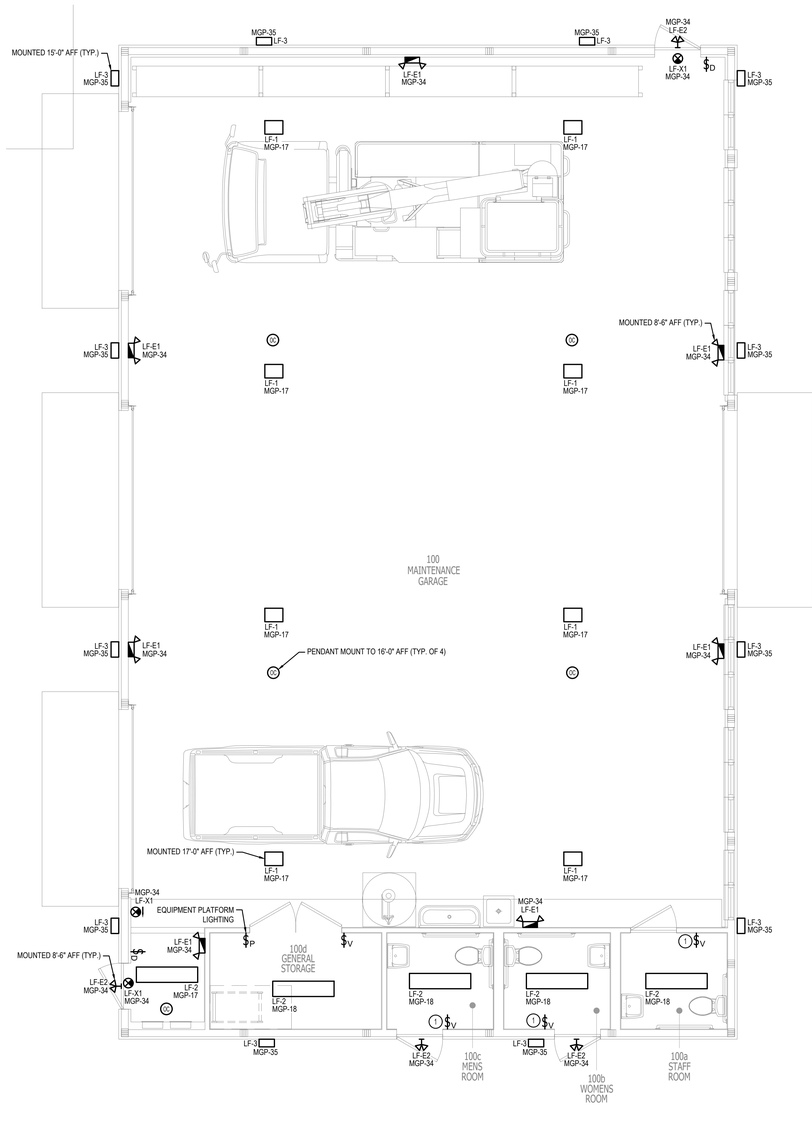
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1 E1.0 ELECTRICAL FIRST FLOOR POWER AND FIRE ALARM PLAN

SCALE: 1/4" = 1'-0"

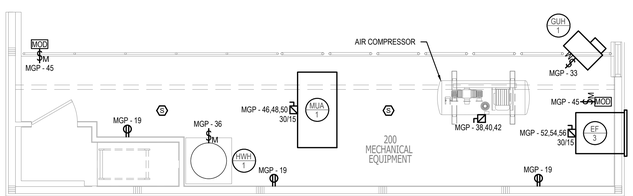
SCALE BAR: 1/4"=1'-0"



2 E1.0 ELECTRICAL FIRST FLOOR LIGHTING PLAN

SCALE: 1/4" = 1'-0"

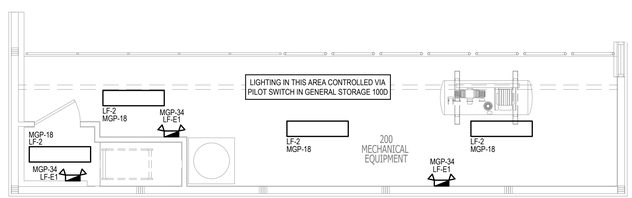
SCALE BAR: 1/4"=1'-0"



3 E1.0 ELECTRICAL EQUIPMENT PLATFORM POWER AND FIRE ALARM PLAN

SCALE: 1/4" = 1'-0"

SCALE BAR: 1/4"=1'-0"



4 E1.0 ELECTRICAL EQUIPMENT PLATFORM LIGHTING PLAN

SCALE: 1/4" = 1'-0"

SCALE BAR: 1/4"=1'-0"

NEW WORK SYSTEM NOTES:

1. GENERAL NOTES:

A. REFER TO ELECTRICAL LEAD SHEETS, E-001 FOR "NOTES" THAT PERTAIN TO THE SCOPE OF THIS PROJECT.

B. REFER TO BOOK SPECIFICATIONS FOR PROJECT DETAILS AND EXECUTION REQUIREMENTS.

C. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE 2020 EDITION OF THE NATIONAL ELECTRICAL CODE.

D. CONTRACTOR SHALL PROVIDE ALL REQUIRED CONDUITS, RACEWAYS, CONDUCTORS, AND OTHER EQUIPMENT NECESSARY TO PROVIDE A COMPLETE WORKING SYSTEM.

E. ELECTRICAL CONTRACTOR SHALL INSTALL ALL (N) EQUIPMENT IN STRICT ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS AND SHALL MAINTAIN ALL CLEARANCES AS NOTED WITHIN THE WRITTEN INSTRUCTIONS.

F. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL ALL ELECTRICAL EQUIPMENT, WIRING AND RACEWAY, AND MAKE ALL CONNECTIONS TO/FROM PANELBOARDS, DISCONNECT SWITCHES, ADJUSTABLE SPEED DRIVES, MOTOR STARTERS, AND THE END USE EQUIPMENT NECESSARY FOR A FULLY OPERATIONAL SYSTEM. COORDINATE WITH MECHANICAL CONTRACTOR.

G. ALL RACEWAYS PENETRATING FIRE RATED PARTITIONS, WALLS, AND CEILINGS SHALL BE SEALED USING APPROVED FIRE RATED SEALANT TO MATCH THE REQUIRED WALL FIRE RATING.

H. ALL POWER SHUT DOWNS MUST BE COORDINATED WITH THE OWNER'S REPRESENTATIVE.

I. THE ELECTRICAL CONTRACTOR SHALL MAKE AN ON SITE INSPECTION TO DETERMINE THE FULL SCOPE OF WORK AND WORKING CONDITIONS BEFORE SUBMITTING A PROPOSAL.

J. ALL CIRCUIT BREAKERS SERVING HVAC EQUIPMENT SHALL BE UL LISTED AS 'HACR'.

K. THE DRAWINGS ARE DIAGRAMMATIC. EXACT LOCATION OF EQUIPMENT, WIRING AND RACEWAYS SHALL BE DETERMINED BY CONTRACTOR SUBJECT TO ARCHITECT APPROVAL.

L. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ELECTRICAL CHARACTERISTICS OF ALL NEW EQUIPMENT, MOTORS, ETC. BEFORE INSTALLING CABLING AND RACEWAY. IF THERE ARE ANY DISCREPANCIES BETWEEN THE ACTUAL RATING OF EQUIPMENT AT THE SITE AND THE DRAWINGS, THEN THE ENGINEER SHALL BE NOTIFIED.

M. THE CONTRACTOR SHALL SUBMIT TO THE OWNER: CERTIFICATES OF INSPECTION FOR THE ELECTRICAL INSTALLATION FROM AN APPROVED INSPECTION AGENCY UPON COMPLETION OF ELECTRICAL WORK.

N. ALL WORK SHALL BE INSTALLED SO AS TO BE READILY ACCESSIBLE FOR OPERATION MAINTENANCE, AND REPAIR. MINOR DEVIATIONS FROM THE PLANS MAY BE MADE TO ACCOMPLISH THIS, SUBJECT TO THE APPROVAL OF THE ENGINEER.

O. THE ELECTRICAL CONTRACTOR SHALL USE MAXIMUM OF 6' OF FLEXIBLE CONDUIT FOR FOR EQUIPMENT SUBJECT TO VIBRATION, NOISE TRANSMISSION, OR MOVEMENT, AND FOR ALL MOTORS. USE LIQUID TIGHT FLEXIBLE CONDUIT IN WET OR DAMP LOCATIONS. INSTALL SEPARATE GROUND CONDUCTOR ACROSS FLEXIBLE CONNECTIONS.

P. ALL WIRING SHALL BE COPPER CONDUCTOR WITH 600 VOLT TYPE THHN, OR THWN INSULATION IN CONDUIT. THE MINIMUM SIZE WIRE FOR POWER CIRCUITS SHALL BE #12 AWG. SOLID CONDUCTORS SHALL BE USED FOR NUMBER 10 AND 12. STRANDED CONDUCTORS SHALL BE USED FOR NUMBER 8 AND LARGER. THE CONTRACTOR MAY USE METAL CLAD TYPE 'MC' WHERE ALLOWED BY THE NATIONAL ELECTRICAL CODE AND APPROVED FOR USE BY THE AUTHORITIES HAVING JURISDICTION.

Q. ALL MATERIALS AND EQUIPMENT FURNISHED FOR THIS PROJECT SHALL BE NEW, LISTED, AND APPROVED BY UL.

R. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, INSPECTIONS, LICENSES AND PAY UTILITY COMPANY FEES.

S. ALL FUSED AND NON-FUSED DISCONNECT SWITCHES SHALL HAVE: 600 VOLT RATING FOR 480 VOLT CIRCUITS. SIZE FUSES TO COMPLY WITH NAMEPLATE RATING OF EQUIPMENT SERVED.

T. THE ELECTRICAL CONTRACTOR SHALL PROVIDE NEW TYPEWRITTEN PANEL SCHEDULES WITHIN THE SCOPE OF THIS PROJECT. THIS INCLUDES ALL PANELS EVEN IF ONLY A FEW CIRCUITS WERE CHANGED AS A RESULT OF THIS PROJECT. WHERE ACTUAL FIELD CONDITIONS REQUIRE DIFFERENT CIRCUIT NUMBERS THAN THOSE INDICATED ON PLANS THE CONTRACTOR SHALL ADVISE OWNER OF CHANGES ON REQUIRED AS-BUILT DRAWINGS.

U. ELECTRICAL CONTRACTOR SHALL BE REQUIRED TO VERIFY EXISTING DEMAND LOADS ON EXISTING ELECTRICAL EQUIPMENT THAT IS BEING MODIFIED AS PART OF THIS SCOPE OF WORK AND ADVISE ENGINEER OF RECORD/OWNER WHERE THE EXISTING AND NEW EQUIPMENT LOADS EXCEED THE RATING OF THE EXISTING ELECTRICAL EQUIPMENT.

V. ELECTRICAL CONTRACTOR SHALL CONCEAL ALL NEW WIRING ASSOCIATED WITH NEW SWITCH LOCATIONS AND RECEPTACLES WITHIN EXISTING TILED MASONRY WALLS. CONTRACTOR SHALL INSTALL JUNCTION BOXES ABOVE DROP CEILINGS IN THE LOCATION OF THE NEW DEVICES AS NECESSARY TO ACCESS EXISTING MASONRY CELLS. PROVIDE APPROPRIATE WALL SEALANT MATCHING RATING OF EXISTING WALLS WHERE PENETRATIONS ARE MADE ABOVE DROP CEILINGS.

NEW WORK KEYED NOTES:

GENERAL: NEW WORK NOTES ARE INDICATED WITH THE FOLLOWING SYMBOL ◯ AND ARE NUMBERED AS FOLLOWS:

(1) EXHAUST FAN TO BE CONTROLLED BY LIGHTING CONTROLS IN ASSOCIATED SPACE.

(2) ALL LOW VOLTAGE CABLING SHALL BE PROVIDED AND INSTALLED BY DISTRICT UNDER A SEPARATE CONTRACT. PROVIDE BACK BOXES WITH BLANK PLATES AND 1-1/4"C WITH PULL STRINGS TO PROPOSED FIBER CONVERTER RACK TO ACCOMMODATE LOW VOLTAGE CABLING INSTALLATION BY DISTRICT. COORDINATE FINAL INSTALLATION LOCATION WITH DISTRICT/ARCHITECT.

(3) PROVIDE A COMPLETE SET OF HEAVY-DUTY, OUTDOOR-RATED TYPE W GENERATOR FEEDER CABLES EQUIPPED WITH SERIES 16 CAM-LOK CONNECTORS COMPATIBLE WITH THE SPECIFIED TMTS AND THE DISTRICT-PROVIDED TEMPORARY GENERATOR. CABLES SHALL BE RATED FOR A MINIMUM OF 150A, 208Y/120V, 3-PHASE, 4-WIRE SERVICE AND SHALL HAVE A MINIMUM LENGTH OF 25 FEET EACH. PROVIDE ALL PHASE, NEUTRAL, AND EQUIPMENT GROUNDING CONDUCTORS REQUIRED FOR A COMPLETE AND OPERATIONAL INSTALLATION. CABLE ASSEMBLIES SHALL BE LISTED AND LABELED FOR THE INTENDED APPLICATION AND SUITABLE FOR OUTDOOR USE. COORDINATE FINAL CABLE QUANTITIES, CONDUCTOR SIZING, CONNECTOR CONFIGURATION, AND CONNECTION REQUIREMENTS WITH THE DISTRICT AND EQUIPMENT MANUFACTURER PRIOR TO PROCUREMENT AND INSTALLATION.

ALL WORK SHOWN IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR, UNLESS NOTED OTHERWISE.

DATE	No.	REVISION
11/03/26	1	RELEASED FOR BID

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LRHSD PROJECT NO. REF21-43-8319, 2-010-24
PROPOSED NEW MAINTENANCE FACILITY
SHAWNEE HIGH SCHOOL MAINTENANCE BUILDING
580 TABERNACLE ROAD, MEDFORD, NEW JERSEY 8055

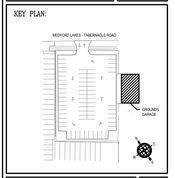
BLOCK NO. 4704 — LOT NO. 3

MEDFORD TOWNSHIP — BURLINGTON COUNTY

Linda M. Vinnell, AIA, Secretary/Treasurer
New Jersey Architect Lic # 21AI00200000 • P.P. NCI # 30100053000

Drew C. Dingler, AIA, President
New Jersey Lic # 21AI00388800

KEY PLAN:



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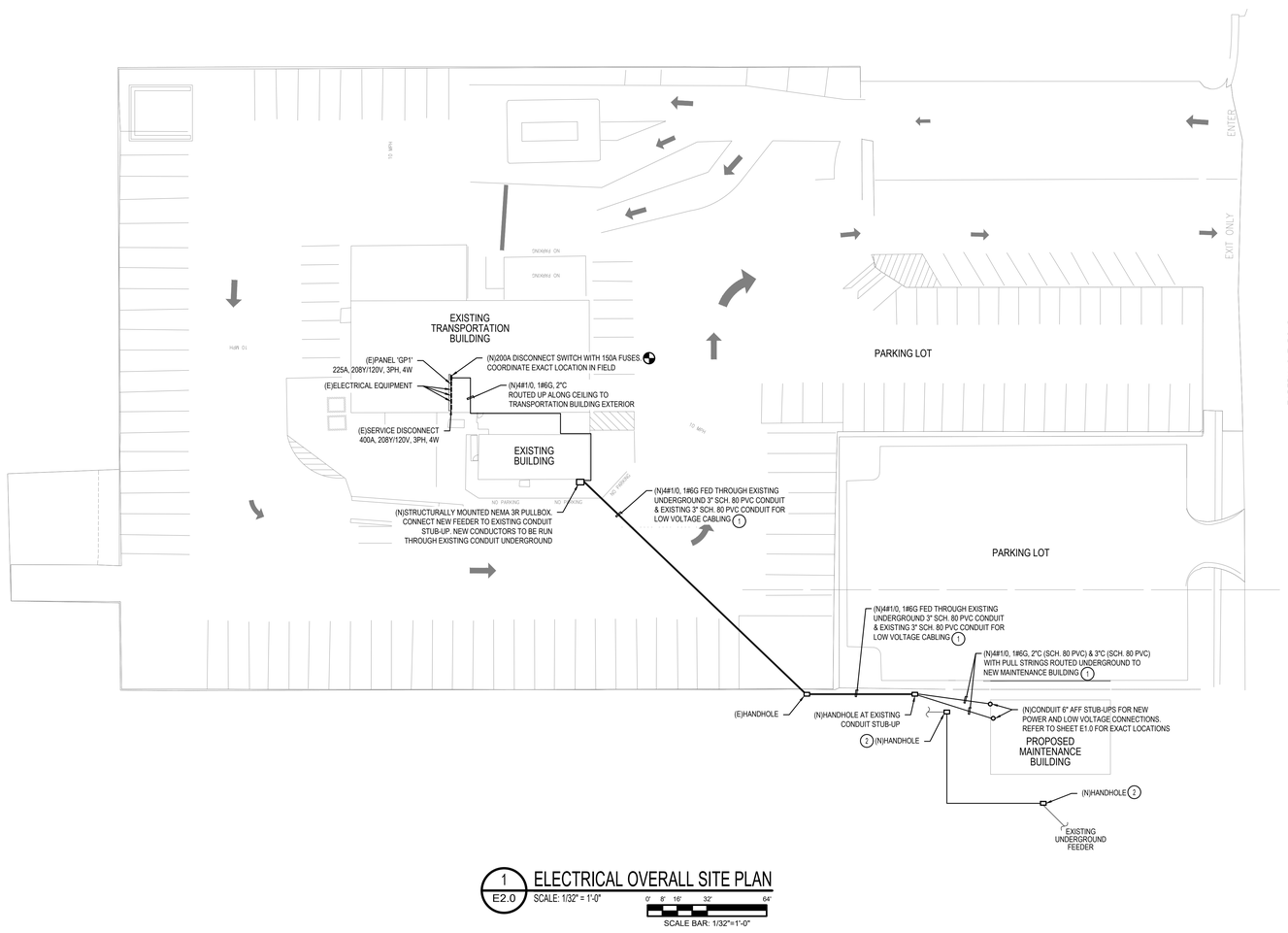
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SCALE:	AS NOTED	DRAWN BY:
COMM. No.	8319	CHECKED BY:
DATE:	11/03/2026	8C26206.00

SHEET TITLE:
ELECTRICAL POWER & LIGHTING PLANS

SHEET No.:
E1.0

FILE J:\2026\8 Dept Commercial - Hospitality\8P26206.00 - LRHSD - 8319 SHS Grounds Garage\05 - Drawings\Electrical\8319 - E-101 - SHS Grounds Garage.dwg DATE 11/3/2026 3:32 PM USER Leeds, Ryan



1 E2.0 ELECTRICAL OVERALL SITE PLAN

SCALE: 1/32" = 1'-0"

0' 8' 16' 32' 64'

SCALE BAR: 1/32"=1'-0"

NEW WORK SYSTEM NOTES:

1. GENERAL NOTES:

A. REFER TO ELECTRICAL LEAD SHEETS, E-001 FOR "NOTES" THAT PERTAIN TO THE SCOPE OF THIS PROJECT.

B. REFER TO BOOK SPECIFICATIONS FOR PROJECT DETAILS AND EXECUTION REQUIREMENTS.

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J. ALL CIRCUIT BREAKERS SERVING HVAC EQUIPMENT SHALL BE UL LISTED AS 'HACR'.

K. THE DRAWINGS ARE DIAGRAMMATIC. EXACT LOCATION OF EQUIPMENT, WIRING AND RACEWAYS SHALL BE DETERMINED BY CONTRACTOR SUBJECT TO ARCHITECT APPROVAL.

L. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ELECTRICAL CHARACTERISTICS OF ALL NEW EQUIPMENT, MOTORS, ETC. BEFORE INSTALLING CABLING AND RACEWAY. IF THERE ARE ANY DISCREPANCIES BETWEEN THE ACTUAL RATING OF EQUIPMENT AT THE SITE AND THE DRAWINGS, THEN THE ENGINEER SHALL BE NOTIFIED.

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O. THE ELECTRICAL CONTRACTOR SHALL USE MAXIMUM OF 6' OF FLEXIBLE CONDUIT FOR FOR EQUIPMENT SUBJECT TO VIBRATION, NOISE TRANSMISSION, OR MOVEMENT, AND FOR ALL MOTORS. USE LIQUID TIGHT FLEXIBLE CONDUIT IN WET OR DAMP LOCATIONS. INSTALL SEPARATE GROUND CONDUCTOR ACROSS FLEXIBLE CONNECTIONS.

P. ALL WIRING SHALL BE COPPER CONDUCTOR WITH 600 VOLT TYPE THHN, OR THWN INSULATION IN CONDUIT. THE MINIMUM SIZE WIRE FOR POWER CIRCUITS SHALL BE #12 AWG. SOLID CONDUCTORS SHALL BE USED FOR NUMBER 10 AND 12. STRANDED CONDUCTORS SHALL BE USED FOR NUMBER 8 AND LARGER. THE CONTRACTOR MAY USE METAL CLAD TYPE 'MC' WHERE ALLOWED BY THE NATIONAL ELECTRICAL CODE AND APPROVED FOR USE BY THE AUTHORITIES HAVING JURISDICTION.

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NEW WORK KEYED NOTES:

GENERAL: NEW WORK NOTES ARE INDICATED WITH THE FOLLOWING SYMBOL (1) AND ARE NUMBERED AS FOLLOWS:

(1) ALL LOW VOLTAGE CABLING SHALL BE PROVIDED AND INSTALLED BY DISTRICT UNDER SEPARATE CONTRACT.

(2) ELECTRICAL CONTRACTOR SHALL COORDINATE WITH CIVIL TO INTERCEPT EXISTING UNDERGROUND FEEDER AND REROUTE AS SHOWN ON PLANS. VERIFY EXISTING FEEDER SIZE, VOLTAGE, CONDUCTOR MATERIAL, AND SOURCE/LOAD PRIOR TO RELOCATION. SPLICE/EXTEND EXISTING FEEDER, IN KIND, TO ACCOMMODATE NEW BUILDING CONSTRUCTION.

ALL WORK SHOWN IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR, UNLESS NOTED OTHERWISE.

DATE	No.	REVISION
11/03/26	1	RELEASED FOR BID

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LOT NO. 3

LRHSD PROJECT NO. REF21-43-8319, 2-010-24

PROPOSED NEW MAINTENANCE FACILITY

SHAWNEE HIGH SCHOOL MAINTENANCE BUILDING

580 TABERNACLE ROAD, MEDFORD, NEW JERSEY 8055

BLOCK NO. 4704

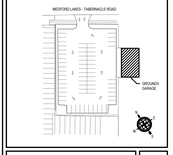
MEDFORD TOWNSHIP

BURLINGTON COUNTY

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KEY PLAN:



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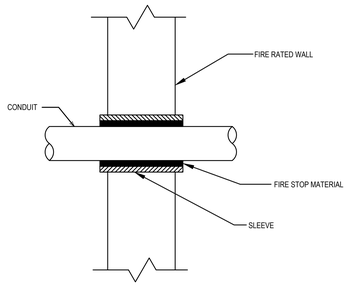
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SCALE:	AS NOTED	DRAWN BY:	
COMM. No.	8319	CHECKED BY:	
DATE:	11/03/2026	BC26206.00	

SHEET TITLE:
ELECTRICAL SITE PLAN

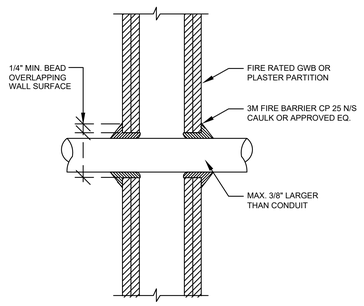
SHEET No.:
E2.0

FILE I:\2026\8 Dept Commercial - Hospitality\BP26206.00 - LRHSD - 8319 SHS Grounds Garage\05 - Drawings\Electrical\8319 - E-101 - SHS Grounds Garage.dwg DATE 11/3/2026 3:32 PM USER Leeds, Ryan



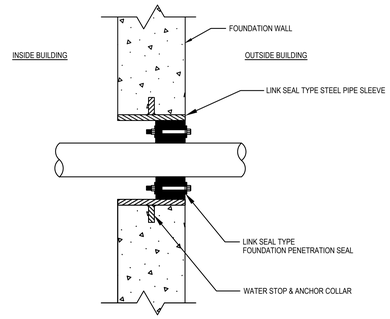
NOTES:
1. USE THIS DETAIL WHERE CONDUITS PASS THRU FIRE RATED WALL.
2. WHERE CONDUITS PASS THRU FOUNDATION WALLS, FLOOR SLAB ON EARTH, ROOF, CONCRETE BEAM, BRICK WALL, OR WATER PROOF FLOORS, USE PIPE SLEEVES.
3. FIRESTOPPING OF CONDUIT PENETRATIONS SHALL UTILIZE THE CORRECT UL STANDARD FOR THE SPECIFIC WALL/FLOOR/CEILING TYPES AND RATINGS.

1 E3.0 TYPICAL CONDUIT PENETRATION DETAIL #1
SCALE: NONE



NOTES:
1. FIRESTOPPING OF CONDUIT PENETRATIONS SHALL UTILIZE THE CORRECT UL STANDARD FOR THE SPECIFIC WALL/FLOOR/CEILING TYPES AND RATINGS.

2 E3.0 TYPICAL CONDUIT PENETRATION DETAIL #2
SCALE: NONE



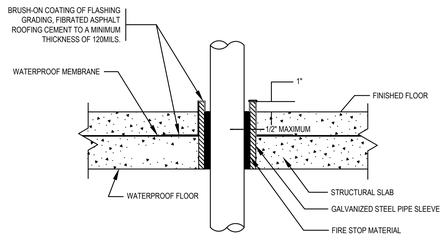
NOTES:
1. FOR SLEEVE DIAMETER USE MANUFACTURER'S SIZE RECOMMENDATION.
2. FIRESTOPPING OF CONDUIT PENETRATIONS SHALL UTILIZE THE CORRECT UL STANDARD FOR THE SPECIFIC WALL/FLOOR/CEILING TYPES AND RATINGS.

3 E3.0 TYPICAL CONDUIT PENETRATION DETAIL #3
SCALE: NONE

GENERAL FIRE STOP NOTES

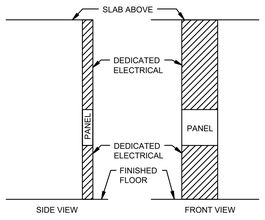
1. REFER TO SECTION 260500 OF THE SPECIFICATIONS. FOR QUALITY CONTROL REQUIREMENTS, REFER TO THE QUALITY CONTROL PORTION OF THE SPECIFICATION.
2. DETAILS SHOWN ON THIS DRAWING ARE TYPICAL DETAILS. IF FIELD CONDITIONS DO NOT MATCH REQUIREMENTS OF TYPICAL DETAILS, APPROVED ALTERNATE DETAILS SHALL BE UTILIZED. FIELD CONDITIONS AND DIMENSIONS NEED TO BE VERIFIED FOR COMPLIANCE WITH THE DETAILS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
   * MINIMUM AND MAXIMUM WIDTH OF JOINTS
   * TYPE AND THICKNESS OF FIRE-RATED CONSTRUCTION. THE MINIMUM ASSEMBLY RATING OF THE FIRESTOP ASSEMBLY SHALL MEET OR EXCEED THE HIGHEST RATING OF THE ADJACENT CONSTRUCTION.
3. IF ALTERNATE DETAILS MATCHING THE FIELD CONDITIONS ARE NOT AVAILABLE, MANUFACTURER'S ENGINEERING JUDGMENT DRAWINGS ARE ACCEPTABLE. DRAWINGS SHALL FOLLOW THE INTERNATIONAL FIRESTOP COUNCIL (IFC) GUIDELINES FOR EVALUATING FIRESTOP SYSTEMS ENGINEERING JUDGMENTS.

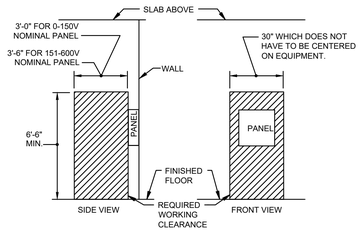
   REFERENCES:
   * 2002 UNDERWRITER'S LABORATORIES FIRE RESISTANCE DIRECTORY, VOLUMES 1 & 2
   * NFPA 101 LIFE SAFETY CODE
   * NFPA 70 - NATIONAL ELECTRIC CODE 2020
   * ALL GOVERNING LOCAL AND REGIONAL BUILDING CODES
4. FIRESTOP SYSTEM INSTALLATION MUST MEET REQUIREMENTS OF ASTM E-814 (UL 1479) TESTED ASSEMBLIES THAT PROVIDE A FIRE RATING EQUAL TO THAT OF CONSTRUCTION BEING PENETRATED.
5. ALL RATED THROUGH-PENETRATION ASSEMBLIES SHALL BE PROMINENTLY LABELED WITH THE FOLLOWING INFORMATION:
   * ATTENTION: FIRE RATED ASSEMBLY
   * UL SYSTEM #
   * PRODUCT(S) USED
   * HOURLY RATING (F-RATING)
   * INSTALLATION DATE



NOTES:
1. USE THIS DETAIL WHERE CONDUITS PENETRATE A WATERPROOF SLAB, EG, TOILETS, BATHROOMS, KITCHENS JANITORS CLOSET, ETC.
2. FIRESTOPPING OF CONDUIT PENETRATIONS SHALL UTILIZE THE CORRECT UL STANDARD FOR THE SPECIFIC WALL/FLOOR/CEILING TYPES AND RATINGS.

4 E3.0 TYPICAL CONDUIT PENETRATION DETAIL #4
SCALE: NONE





5 E3.0 ELECTRICAL PANEL CLEARANCE REQUIREMENTS
SCALE: NONE

NOTES:
1. DISTANCE FROM FACE OF EQUIPMENT PER NEC 110.26 (A)(1): 3'-0" MINIMUM CLEARANCE FOR ELECTRICAL EQUIPMENT AT 208Y/120V. 3'-6" MINIMUM CLEARANCE FOR ELECTRICAL EQUIPMENT AT 480Y/277V. NOTE: MINIMUM CLEARANCE INCREASED TO 4'-0" IF THERE ARE EXPOSED LIVE PARTS ON BOTH SIDE OF THE WORKING ELECTRICAL EQUIPMENT DOOR MUST BE ABLE TO OPEN TO 90 DEGREES MINIMUM.
2. DEDICATED EQUIPMENT SPACE, ABOVE AND BELOW THE ELECTRICAL EQUIPMENT, SHALL BE PROVIDED AS DESCRIBED IN NEC 2020 - 110.26(E)(1). THE SPACE EQUAL TO THE WIDTH AND DEPTH OF THE EQUIPMENT AND EXTENDING FROM THE FLOOR TO A HEIGHT OF 6'-0" ABOVE THE EQUIPMENT OR TO THE STRUCTURAL CEILING, WHICHEVER IS LOWER, SHALL BE DEDICATED TO THE ELECTRICAL INSTALLATION. NO PIPING, DUCTS, LEAK PROTECTION APPARATUS, OR OTHER EQUIPMENT FOREIGN TO THE ELECTRICAL INSTALLATION SHALL BE LOCATED IN THIS ZONE. SEE NEC 2020 - 110.26 FOR EXCEPTIONS AND FURTHER INFORMATION.

Panel:	MGP	10,000	Main Bkr SCA
Location:	MAINTENANCE BLDG	10,000	Branch Bkr SCA
Fed From:	(E)PANEL "GP1"	10,000	Branch Bkr Series SCA
Voltage:	208Y/120V, 3P4W	X	100% Neutral Bus
Main Config:	MCB Main Amps: 150A	X	Equipment Ground Bus
Bus Rating:	100%		Isolated Ground Bus
Bus Mat'l:	CU		Sub-Feed Lugs
NEMA:	1		Sub-Feed Breaker Amps
Mounting:	Surface		Service Entrance Rated
Panel Info:			

(Demand Calculation does not include sub-panel loads)

Category	Conn.	D.F.	Demand	Conn.	D.F.	Demand
Lighting:	1,238	1.25	1,547			
Receptacles:	6,300	1.00	6,300	0	0.50	0
General:	1,000	1.25	1,250	480	1.00	480
Motors:	21,089	1.00	21,089	11,601	0.25	2,900
Electric Space Htg:	14,815	1.00	14,815			0
Kitchen:	0	1.00	0	1st & 2nd:		0
Noncoincident:	0	0.00	0			0
HVAC:	3,362	1.00	3,362	1,881	0.25	470
Demand VA:	52,213	Demand Amps:	145			

Ckt #	Load Description	Load VA	P	Trip	Wiring	Phase A	Phase B	Phase C	Wiring	Trip	P	Load VA	Load Description	Ckt #
1	DROP CORD REEL #1	360	1	20	2#12, 1#12G, 3/4"C	720	0	0	2#12, 1#12G, 3/4"C	20	1	360	DROP CORD REEL #2	2
3	DROP CORD REEL #3	360	1	20	2#12, 1#12G, 3/4"C	0	720	0	2#12, 1#12G, 3/4"C	20	1	360	DROP CORD REEL #4	4
5	DROP CORD REEL #5	360	1	20	2#12, 1#12G, 3/4"C	0	0	720	2#12, 1#12G, 3/4"C	20	1	360	DROP CORD REEL #6	6
7	RECEPT - MAINTENANCE GARAGE	900	1	20	2#12, 1#12G, 3/4"C	1,800	0	0	2#12, 1#12G, 3/4"C	20	1	900	RECEPT - MAINTENANCE GARAGE	8
9	RECEPT - EXTERIOR	540	1	20	2#12, 1#12G, 3/4"C	0	1,080	0	2#12, 1#12G, 3/4"C	20	1	540	RECEPT - EXTERIOR	10
11	MOTORIZED OVERHEAD DOOR #1	1,176	1	20	2#12, 1#12G, 3/4"C	0	0	2,352	2#12, 1#12G, 3/4"C	20	1	1,176	MOTORIZED OVERHEAD DOOR #2	12
13	MOTORIZED OVERHEAD DOOR #3	1,176	1	20	2#12, 1#12G, 3/4"C	2,352	0	0	2#12, 1#12G, 3/4"C	20	1	1,176	MOTORIZED OVERHEAD DOOR #4	14
15	RECEPT - STRG/MENS BR	360	1	20	2#12, 1#12G, 3/4"C	0	720	0	2#12, 1#12G, 3/4"C	20	1	360	RECEPT - WOMENS/STAFF BR	16
17	LTG - MAINTENANCE GARAGE 100	696	1	20	2#12, 1#12G, 3/4"C	0	0	1,049	2#12, 1#12G, 3/4"C	20	1	353	LTG/EF - RMS 100a-d & MEZZANINE	18
19	RECEPT - MEZZANINE	540	1	20	2#12, 1#12G, 3/4"C	1,023	0	0	2#12, 1#12G, 3/4"C	20	1	483	GUH-1 NW	20
21	GUH-1 SW	483	1	20	2#12, 1#12G, 3/4"C	0	966	0	2#12, 1#12G, 3/4"C	20	1	483	GUH-1 SE	22
23	GUH-1 NE	483	1	20	2#12, 1#12G, 3/4"C	0	0	1,223	3#12, 1#12G, 3/4"C	15	2	740	CU-1	24
25	EUH-1 MENS ROOM	2,000	2	25	3#10, 1#10G, 3/4"C	2,240	0	0				740		26
27		2,000				0	4,000	0	3#10, 1#10G, 3/4"C	25	2	2,000	EUH-1 WOMENS ROOM	28
29	EUH-1 STAFF RM	2,000				0	0	4,000				2,000		30
31		2,000				2,787	0	0	2#12, 1#12G, 3/4"C	20	1	787	EF-1A	32
33	GUH-1 MEZZANINE	483	1	20	2#12, 1#12G, 3/4"C	0	528	0	2#12, 1#12G, 3/4"C	20	1	45	LTG - EM PACKS & EXIT SIGNS	34
35	LTG - EXTERIOR	144	1	20	2#12, 1#12G, 3/4"C	0	0	624	2#12, 1#12G, 3/4"C	20	1	480	HWH-1	36
37	FIBER CONVERTER RACK	300	1	20	2#12, 1#12G, 3/4"C	4,167	0	0				3,867		38
39	FIRE ALARM CONTROL PANEL	300	1	20	2#12, 1#12G, 3/4"C	0	4,167	0	4#6, 1#10G, 1"C	50	3	3,867	AIR COMPRESSOR MEZZANINE	40
41	ATC CONTROL PANEL	300	1	20	2#12, 1#12G, 3/4"C	0	0	4,167				3,867		42
43	SPARE		1	20		787	0	0	2#12, 1#12G, 3/4"C	20	1	787	EF-1	44
45	MOTOR OPERATED DAMPERS	400	1	20	2#12, 1#12G, 3/4"C	0	1,027	0				627		46
47	CO/NO2 CONTROL PANEL	100	1	20	2#12, 1#12G, 3/4"C	0	0	727	4#12, 1#12G, 3/4"C	15	3	627	MUA-1	48
49	SPARE		1	20		627	0	0				627		50
51	MTS-1 INTERNAL HEATER	400	1	20	2#12, 1#12G, 3/4"C	0	1,337	0				937		52
53	SPARE		1	20		0	0	937	4#12, 1#12G, 3/4"C	15	3	937	EF-3	54
55	SPARE		1	20		937	0	0				937		56
57	SPARE		1	20		0	0	0		20	1		SPARE	58
59	SPARE		1	20		0	0	0		20	1		SPARE	60
61	SPARE		1	20		0	0	0		20	1		SPARE	62
63	SPARE		1	20		0	0	0		20	1		SPARE	64
65	SPARE		1	20		0	0	0		20	1		SPARE	66
						17,940	14,544	15,799	VA					
									VA (Sub-Feed)					
						17,940	14,544	15,799	VA (Total)					
						149	121	132	Amperage					

Total Connected Load: 48,283 VA
Total Connected Amps: 134 A

Notes:

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	WATTS	VOLTAGE	MOUNTING	REMARKS
LF-1	LED HIGHBAY	RAB	RBAY15S	82W	120V	SURFACE/ SUSPEND	EC TO FIELD-ADJUST WATTAGE AND CCT PER DISTRICT AS REQUIRED. EC TO PROVIDE AIRCRAFT CABLE AS REQUIRED.
LF-2	4X1 LED WRAP	RAB	GUSJR4	40W	120V	SURFACE/ SUSPEND	EC TO FIELD-ADJUST WATTAGE AND CCT PER DISTRICT AS REQUIRED. PROVIDE AIRCRAFT CABLE AS REQUIRED.
LF-3	EXTERIOR WALL SCONCE	LITHONIA	WPX1 LED P2 40K MVOLT PW [FINISH]	24W	120-277V	SURFACE	COORDINATE FINISH WITH ARCHITECT
LF-E1	EMERGENCY LIGHT	LITHONIA	ELM4L [FINISH] UVOLT LTP	3.15W	120V	SURFACE	WIRE AHEAD OF LIGHT SWITCH
LF-E2	EMERGENCY EXTERIOR LIGHT	LITHONIA	ELMRW LP220L [FINISH] T	2.4W	120V	SURFACE	POWERED BY INDOOR LT-E1 UNIT. COORDINATE FINISH WITH ARCHITECT
LF-X1	EXIT SIGN - WALL	LITHONIA	LQM S W RG MVOLT EL	0.62W	120V	SURFACE	PROVIDE WITH INTEGRAL BATTERY PACK. WIRE AHEAD OF LIGHT SWITCH

LIGHTING CONTROLS SCHEDULE

LOCATION	SEQUENCE OF OPERATIONS
MAINTENANCE GARAGE	MANUAL ON/OFF VIA WALL STATION, PARTIAL LIGHT REDUCTION TO 50% VIA MOTION SENSOR(S) AFTER 20 MINUTE TIMEOUT. WALL STATION PROVIDES RAISE/LOWER.
STORAGE / RESTROOM	MANUAL ON/OFF VIA WALL STATION; AUTOMATIC SHUTOFF VIA MOTION SENSOR(S) AFTER 20 MINUTE TIMEOUT.
EXTERIOR	PHOTOCELL ON/OFF.

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11/03/26	1	RELEASED FOR BID
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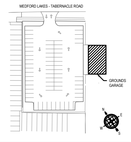
LOT NO. 3
BLOCK NO. 4704

LRHSD PROJECT NO. REF21-43-8319, 2-010-24
PROPOSED NEW MAINTENANCE FACILITY
SHAWNEE HIGH SCHOOL MAINTENANCE BUILDING
580 TABERNACLE ROAD, MEDFORD, NEW JERSEY 8055
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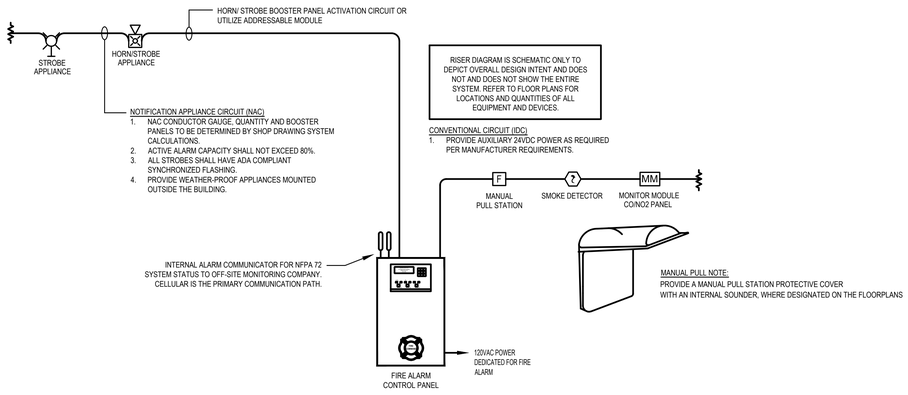
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SCALE:	AS NOTED	DRAWN BY:	
COMM. No.	8319	CHECKED BY:	
DATE:	11/03/2026	BC26206.00	

SHEET TITLE:
ELECTRICAL DETAILS

SHEET No.:
E3.0

FILE N:\2026\8 Dept Commercial - Hospitality\BPS6206.00 - LRHSD - 8319 SHS Grounds Garage\05 - Drawings\Electrical\8319 - E-301 - Detailing.dwg DATE: 11/3/2026 3:02 PM USER: Leeds, Ryan



FIRE ALARM SYSTEM RISER NOTES:

1. THIS RISER DIAGRAM IS BASED ON FIRELINK FACP 32: CONVENTIONAL 8 TO 32 ZONE FIRE ALARM CONTROL PANEL, 2 PROGRAMMABLE NAC CIRCUITS, 2A MAX @ 24V FOR NAC BOOSTERS OR DIRECT TO NOTIFICATION APPLIANCES. THIS DESIGN IS FOR A CONTROL PANEL WITH HORN & STROBE EVACUATION APPLIANCES. IT IS A REPRESENTATION OF THE INTENDED SYSTEM DESIGN FOR THIS PROJECT. SEE THE FLOOR PLANS FOR EXACT QUANTITIES AND LOCATIONS OF FIELD EQUIPMENT. SEE THE PROJECT SPECIFICATIONS FOR PERFORMANCE, CAPACITY AND CODE COMPLIANCE REQUIREMENTS. THIS DRAWING DEPICTS SCHEMATIC INTERCONNECTIONS OF WIRING. EXACT ROUTING OF CONDUITS AND WIRING SHALL BE DETERMINED IN THE FIELD BY THE INSTALLING CONTRACTOR TO SUIT FIELD CONDITIONS AND AS SUBMITTED IN THE SHOP DRAWINGS. ALL CHANGES SHALL BE CLEARLY INDICATED ON THE RECORD DRAWINGS. QUANTITY AND SIZE OF CONDUCTORS TO BE DETERMINED BY EQUIPMENT MANUFACTURE.
2. CONVENTIONAL FIRE ALARM SYSTEMS USE ANALOG TECHNOLOGY AND ARE HARDWARE-BASED WHICH ARE MADE UP OF ZONES. A CONVENTIONAL FIRE ALARM SYSTEM USES ONE OR MORE CIRCUITS, CONNECTED TO SENSORS WIRED IN PARALLEL.
3. IN AREAS SUBJECT TO COLD TEMPERATURES OR WHICH MAY BE WINTERIZED, UTILIZE MECHANICAL (NON-ELECTRONIC) HEAT DETECTORS.
4. THE MAIN FIRE ALARM CONTROL PANEL WILL PROVIDE THE PRIMARY OPERATOR'S INTERFACE WITH LCD DISPLAY, FOR COMPLETE SYSTEM ANNUNCIATION/ CONTROL IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
5. THE SEQUENCE OF EVACUATION FOR THIS PROJECT IS 100% OCCUPANT EVACUATION UPON ANY GENERAL ALARM. NFPA 72 CHAPTER 24 NOTIFICATION APPLIANCE CIRCUIT AND EQUIPMENT SURVIVABILITY REQUIREMENTS DO NOT APPLY.
6. PROVIDE AUXILIARY FIRE ALARM SIGNAL PANEL(S) W/ BATTERY BACKUP AS REQUIRED TO SUPPORT NOTIFICATION APPLIANCE LOADS, PER MANUFACTURER'S RECOMMENDATIONS. INSTALL A SMOKE DETECTOR WITHIN 5FT OF A NAC BOOSTER IF AREA COVERAGE NOT PROVIDED.
7. CONTROL UNITS, POWER SUPPLIES AND BATTERY CABINETS SHALL BE INSTALLED SO THAT WORKING CLEARANCES ARE MAINTAINED AROUND UNITS IN ACCORDANCE WITH NFPA 70 NATIONAL ELECTRIC CODE (NEC) AND MANUFACTURER'S ALLOWANCES. PANEL MOUNTING SHALL BE SUCH THAT ALL SWITCHES AND OPERATOR CONTROLS ARE NO LESS THAN 36 INCHES AND NO MORE THAN 72 INCHES ABOVE THE FINISHED FLOOR.
8. WIRING SHALL BE INSTALLED SO THAT EQUIPMENT CAN BE SERVICED OR REMOVED WITHOUT DISCONNECTING OR MOVING UNRELATED CIRCUITS. ALL WIRING WITHIN CONTROL UNITS, JUNCTION BOXES, AND TERMINAL CABINETS SHALL BE NEATLY TRIMMED, DRESSED, LABELED, AND INSTALLED IN GUTTERS OR CHANNELS. SEE SPECIFICATIONS FOR MAXIMUM ALLOWABLE CIRCUIT LOADING AND WIRE SIZE REQUIREMENTS. COORDINATE FINAL CIRCUIT QUANTITIES. AND CABLE TYPES WITH THE SYSTEM SUPPLIER'S SHOP DRAWINGS.
9. CONNECT PRIMARY 120VAC POWER TO 20A/1P CIRCUIT BREAKER DEDICATED FOR FIRE ALARM. SECONDARY POWER BATTERY BACKUP (STANDBY & ALARM) SHALL BE SIZED PER NFPA 72 REQUIREMENTS.
10. PANEL NETWORK WIRING, INCLUDING DATA COMMUNICATIONS AND AUDIO COMMUNICATIONS, SHALL BE WIRED CLASS X (FORMER CLASS A, STYLE 7) WITH SEPARATE OUTGOING AND RETURN LOOPS.
11. ADDRESSABLE DEVICE SLC'S SHALL BE NFPA 72 CLASS B. PROVIDE PROVIDE GROUND FAULT ISOLATION DETECTION BETWEEN EACH ADDRESSABLE DEVICE AND NFPA 72 CLASS X CIRCUITS IF QUANTITY OF DEVICES PER SLC EXCEED 50 FOR NFPA 72 DETECTION SURVIVABILITY AND REDUCED TROUBLE SHOOTING TIME.
12. NOTIFICATION APPLIANCE NAC'S SHALL BE NFPA 72 CLASS B. INDIVIDUALLY ISOLATED SO THAT A SINGLE WIRING FAULT WILL NOT EFFECT THE OPERATION OF CIRCUIT(S) SERVING ANY OTHER FLOOR OR EVACUATION SIGNALING ZONE.
13. STROBE CANDELAS SETTINGS MUST BE SIZED PER NFPA 72 REQUIREMENTS BY THE FIRE ALARM VENDOR AND SHOWN ON THE SHOP DRAWINGS.
14. A COMPLETE SET FOR FIRE ALARM PRODUCT CUTSHEETS, FIRE ALARM INSTALLATION SHOP DRAWINGS, AND BATTERY/ VOLTAGE/ LOAD CALCULATIONS MUST BE SUBMITTED AND APPROVED PRIOR TO INSTALLATION.
15. THE OFF-SITE COMMUNICATOR SHALL PROVIDE GENERAL (ALARM/ TROUBLE/ SUPERVISORY) AND ABILITY FOR CONTACT/ GROUPED EVENT ID REPORTING FROM THE FIRE ALARM CONTROL PANEL (FACP) TO A CENTRAL OR REMOVE RECEIVING STATION. IT SHALL OFFER THREE SELECTABLE REPORTING PATHS WHICH INCLUDE: CELLULAR ONLY, IP ONLY, OR IP PRIMARY/CELLULAR BACKUP. FOR THIS PROJECT, UTILIZE CELLULAR COMMUNICATIONS AS THE PRIMARY MEANS OF COMMUNICATION, PER NFPA 72 REQUIREMENTS. IP COMMUNICATIONS FOR OWNER SELECTED/PROVIDED FUTURE OPTION. THE COMMUNICATOR SHALL RECEIVE ITS POWER AND SUPERVISION FROM THE FACP AND BE SUPPLIED WITH A LOCAL CELLULAR ANTENNA. WHEN THE MINIMUM CELLULAR SIGNAL STRENGTH PER THE MANUFACTURE'S INSTALLATION INSTRUCTIONS CANNOT BE MET, PROVIDE AN EXTERNAL ANTENNA LOCATED AND INSTALLED PER FIELD CONDITIONS, WITH THE OWNERS APPROVAL. FOR UNSUPERVISED COMMUNICATIONS BETWEEN THE OFF-PREMISES TRANSMITTER AND THE FACP, THE WIRING MUST BE INSTALLED IN CONDUIT AND HAVE A MAXIMUM DISTANCE OF 20 FEET PER UL.
16. COORDINATE EXACT DEVICE LOCATIONS AND BACKBOX/MOUNTING REQUIREMENTS WITH THE ARCHITECTURAL ELEVATIONS, MANUFACTURER'S INSTALLATION INSTRUCTIONS, THE SYSTEM SUPPLIER'S SHOP DRAWINGS, AND THE WORK OF RELATED TRADES. INSTALL ALL CEILING-MOUNTED EQUIPMENT IN THE CENTER OF A LAY-IN TILE.

1 E3.1 LRHSD GARGAGE CONVENTIONAL NON-VOICE FIRE ALARM RISER DIAGRAM

SCALE: NOT TO SCALE

	ALARM SIGNAL	TROUBLE SIGNAL	SUPERVISORY SIGNAL	ANNUNCIATE @ FACP	ANNUNCIATE @ RA	CAPTIVE FIRE SIGNAL TO BUILDING EVACUATION AND ACTIVATE EVACUATION ALERT AS A NON-VOICE DEVICE
MANUAL PULL STATION	●			●	●	●
AREA DETECTOR (SMOKE, HEAT, OR BEAM)	●			●	●	●
FACP OR CELLULAR DACT FAULT		●		●	●	
IDC/NAC EQUIPMENT OR CIRCUIT FAULT		●		●	●	
IDC/NAC OPEN-CIRCUIT		●		●	●	
CARBON MONOXIDE DETECTOR			●	●	●	

GENERAL FIRE ALARM RESPONSE CATEGORIES

NFPA 72 [2016] 3.3.58 AND [2021] 3.3.61 DEFINES FOUR TYPES OF FIRE ALARM SYSTEM SIGNAL CATEGORIES WHICH ARE IN RESPONSE TO ENVIRONMENTAL OR EQUIPMENT CONDITIONS.

- PRE-ALARM - A SIGNAL CATEGORY INDICATING A POTENTIAL FIRE HAZARD, WITH AVAILABLE TIME FOR INVESTIGATION.
- ALARM - A SIGNAL CATEGORY INDICATING AN IMMEDIATE FIRE HAZARD WITH THREAT TO LIFE AND PROPERTY.
- TROUBLE - A SIGNAL CATEGORY INDICATING A FAULT WITHIN THE FIRE ALARM SYSTEM WHICH MAY PREVENT ITS PROPER OPERATION.
- SUPERVISORY - A SIGNAL CATEGORY INDICATING A PROBLEM OR ABNORMAL SITUATION WITH LIFE SAFETY EQUIPMENT THAT IS MONITORED BY THE FIRE ALARM SYSTEM.

FIRE ALARM SYSTEM OPERATION NOTES:

1. THERE IS NO NETWORK CONNECTION BETWEEN THE THE MAIN HIGH SCHOOL BUILDING AND THIS OUT BUILDING. A SEPARATE OFF-SITE DIALER IS PROVIDED FOR THIS PROJECT.
2. THE CONTRACTOR SHALL SUBMIT A COMPREHENSIVE SEQUENCE OF OPERATIONS INCLUDED WITH THE INSTALLATION SHOP DRAWINGS.
3. IN NORMAL STANDBY OPERATION, A GREEN POWER ON LED SHOULD BE ILLUMINATED ON THE FACP. THE LCD DISPLAY WILL SHOW THE SYSTEM NAME, "SYSTEM NORMAL" ANNOUNCEMENT AND THE CURRENT DATE, DAY, AND TIME.
4. ALL SYSTEM STATUS CONDITIONS SHALL BE MIRRORED AT REMOTE ANNUCIATOR(S), AS PROVIDED.
5. CARBON MONOXIDE DETECTORS SHALL INITIATE A GENERAL ALARM IF REQUIRED BY THE AHJ.
6. ALL ADDRESSABLE DETECTORS, MANUAL PULLS, MONITORING MODULES AND REMOTE LAMPS SHALL PROVIDE VISIBLE INDICATION FOR STATUS:
   - 6.1. NORMAL: GREEN, LED FLASHES
   - 6.2. ALARM: RED, LED FLASHES
   - 6.3. TROUBLE: AMBER, LED FLASHES

2 E3.1 FIRE ALARM SEQUENCE OF OPERATIONS MATRIX

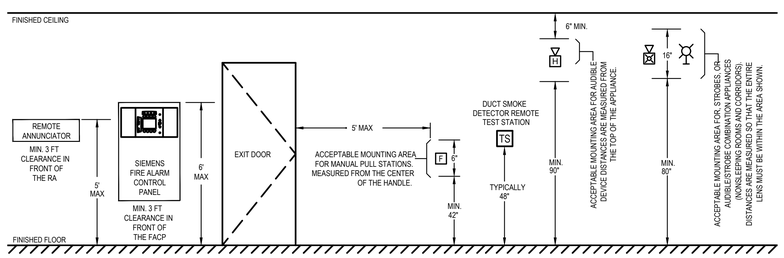
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NFPA 72 - 2016 DOCUMENTATION REQUIREMENTS

THE DOCUMENTATION CABINET SHALL BE SIZED SO THAT IT CAN CONTAIN THE FOLLOWING DOCUMENTATION:

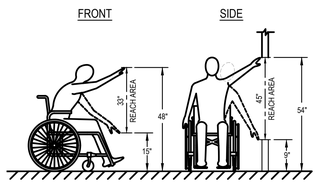
- SITE-SPECIFIC SOFTWARE
- OWNER'S MANUAL
- AS-BUILT PLANS AND SYSTEM CALCULATIONS

THE BUILDING OWNER OR THE BUILDING OWNER'S REPRESENTATIVE SHALL, ON AN ANNUAL BASIS, REVIEW ANY ELECTRONIC DOCUMENTATION MEDIA FORMATS AND ASSOCIATED INTERFACING HARDWARE FOR COMPATIBILITY AND UPDATE IF NECESSARY.



FIRE ALARM EQUIPMENT MOUNTING HEIGHTS DIMENSIONS

NOTE: THIS FIGURE IS BASED ON THE THE ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES (ADAAG)



ADA WHEELCHAIR ACCESSIBILITY DIMENSIONS

TYPICAL FIRE ALARM EQUIPMENT MOUNTING NOTES:

THESE MOUNTING DIMENSIONS COMPLY WITH THE FOLLOWING:

- NFPA 72 CHAPTER 5 & 7
- CABO/ANSI A117.1
- IBC CHAPTER 9
- ADA PARAGRAPH 4.2.5 & 4.2.6
- THE ADA ACCESSIBILITY GUIDELINES FOR BUILDINGS & FACILITIES (ADAAG)

FOR LOW CEILINGS WHERE THE PRESCRIBED MOUNTING HEIGHTS FOR THE SIGNALING APPLIANCES CAN NOT BE MET, INSTALL THE APPLIANCE 6" FROM THE CEILING.

ALL DEVICE & APPLIANCE HEIGHTS SHOULD BE CONSISTENT FOR THE ENTIRE PROJECT.

FOR COMBINATION AUDIO/ VISUAL APPLIANCES, THE STROBE PLACEMENT TAKES PRECEDENCE.

MANUAL PULL STATION MOUNTING HEIGHT REFERENCES

CODE	MINIMUM	MAXIMUM
NFPA-72	39"	54"
IBC	42"	48"
ADAAG	48"	

THE MOST RESTRICTIVE FRONT REACH DISTANCE

3 E3.1 HARMONIZED FIRE ALARM EQUIPMENT MOUNTING DISTANCE REQUIREMENTS - IBC/ADA/NFPA/ANSI

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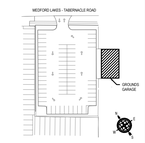
LOT NO. 3
BLOCK NO. 4704

LRHSD PROJECT NO. REF21-43-8319, 2-010-24
PROPOSED NEW MAINTENANCE FACILITY
SHAWNEE HIGH SCHOOL MAINTENANCE BUILDING
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MEDFORD TOWNSHIP
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COMM. No.	8319	CHECKED BY:	
DATE:	11/03/2026	BC26206.00	

SHEET TITLE:
FIRE ALARM DETAILS

SHEET No.:
E3.1

FILE: I:\BC0626\0 Dept Commercial - Hospitality\BP26206.00 - LRHSD - 8319 SHS Grounds Garage\05 - Drawings\Electrical\8319 - E-301 - Details.dwg DATE 11/3/2026 3:32 PM USER Lewis, Ryan