SITE MATERIAL LEGEND

GRASS

CONCRETE

SIDEWALK

MULCH/PLANTINGS

STONE

PAVING/ROADWAY

BEFORE STARTING ANY PROJECT WORK, SUBMIT A WRITTEN ELECTRICAL SAFETY PLAN TO THE OWNER THAT COMPLIES WITH OSHA AND LATEST NFPA 70E, "ELECTRICAL SAFETY IN THE WORKPLACE". ARRANGE AN ELECTRICAL SAFETY MEETING WITH THE COR AND DISCUSS ELECTRICAL SAFETY INCLUDING IDENTIFICATION OF HAZARDS AND PROCEDURES FOR DAILY WORK PLANS, MAINTAINING RESTRICTED AND PROHIBITED ACCESS BY QUALIFIED AND UNQUALIFIED PERSONNEL. EACH ATTENDEE SHALL SIGN AN ATTENDANCE SHEET FOR THIS MEETING.

TRACE ALL EXISTING POWER CIRCUITS THAT ARE RELOCATED, REFED, OR REUSED. UPDATE PANEL SCHEDULES WITH NEW TYPED CIRCUIT DIRECTORIES. INDICATED SOURCE FEED ON DIRECTORY. UPDATE FEEDER PANEL CIRCUIT DIRECTORIES.

LAWN RESTORATION:

1) ALL DISTURBED LAWN AREAS SHALL BE RETURNED TO PRE EXISTING GRADE WITH A MINIMUM OF 4" OF TOPSOIL COVERING TRENCH BACKFILL.

2) SEED SHALL BE A COMMERCIALLY AVAILABLE MIXTURE OF 50% FINE TEXTURED ENDOPHYTIC PERENNIAL RYEGRASS 20% CHEWINGS FESCUE15% CREEPING RED FESCUE 15% KENTUCKY BLUE GRASS.

3) SEEDED AREAS SHALL BE FULLY COVERED WITH A LEAN STRAW OR MULCH MATERIAL.

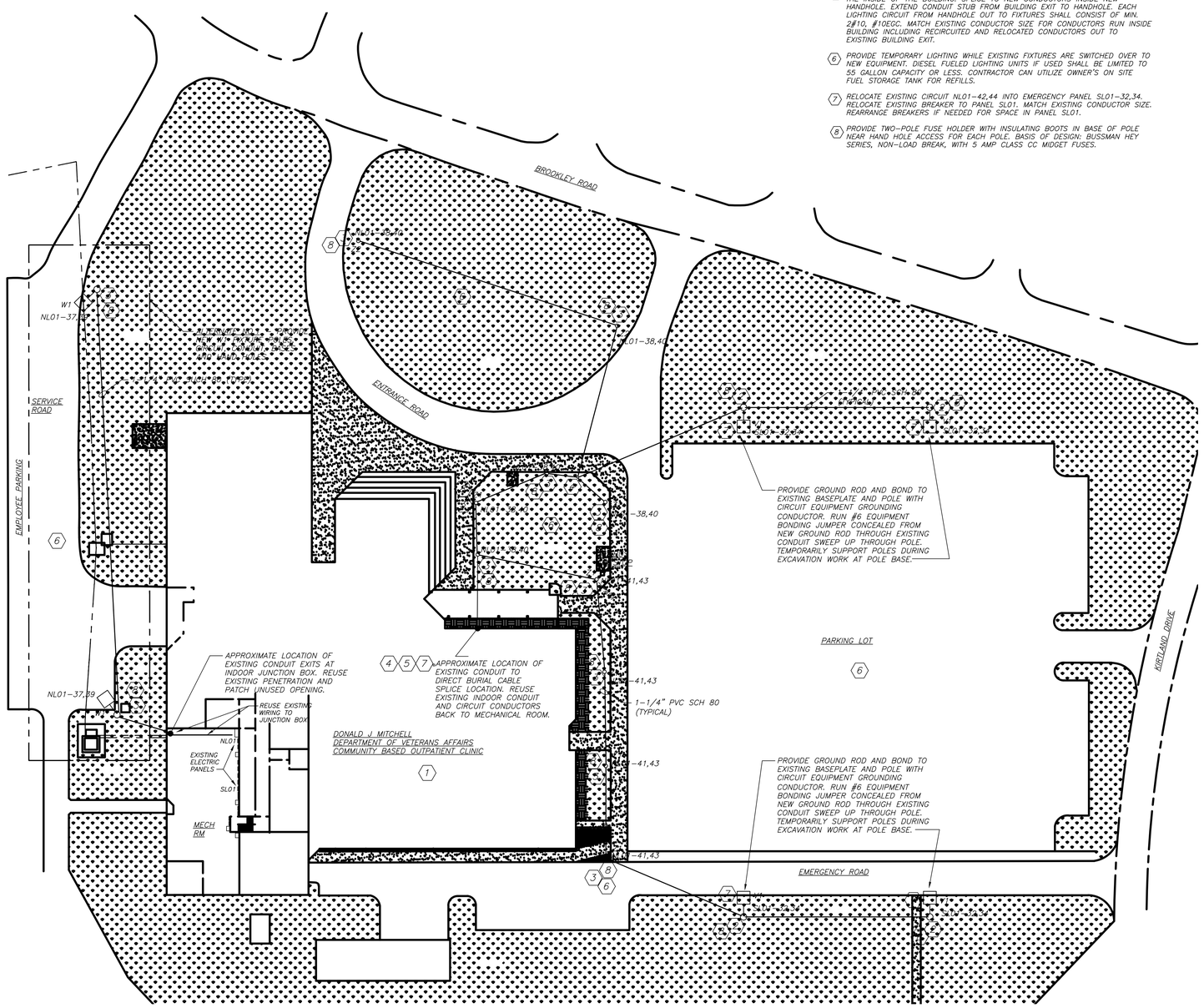
4) TOPSOIL AND SEED SHALL BE REAPPLIED TO ANY AREAS WHICH FAIL TO ESTABLISH AS A RESULT OF INITIAL APPLICATION.

KEYED DRAWINGS NOTES:

1. FURNISH TWO EXTRA WI-HUBB UNITS TO OWNER FOR FUTURE REPLACEMENTS.
2. PROVIDE 10FT GROUND ROD AT EXISTING POLE AND BASE. PROVIDE #6 EQUIPMENT BONDING JUMPER FROM GROUND ROD AND CONNECT TO CIRCUIT EGC AND TO EXISTING POLE MOUNTING PLATE AND POLE WITH CADWELD OR OTHER APPROVED CONNECTIONS. bRING CONDUIT TRACER WIRE UP EXTERIOR OF POLE BASE AND INSTALL IN CONDUIT SLEEVE AND WEATHERPROOF BOX. GET COR APPROVAL BEFORE INSTALLATION. LEAVE A MINIMUM OF 3 FEET OF TRACING CONDUCTOR IN JUNCTION BOX. LABEL AND IDENTIFY TRACING CONDUCTOR. HANDWRITTEN LABELS ARE NOT ACCEPTABLE. OBTAIN APPROVAL FROM COR ON LABEL TYPE PRIOR TO INSTALLATION.
3. PROVIDE 6.1 M (20 FEET) OF NO. 4 AWG BARE COPPER COILED AT BOTTOM OF POLE BASE EXCAVATION PRIOR TO POUR, PLUS ADDITIONAL UNSPLICED LENGTH IN AND ABOVE FOUNDATION AS REQUIRED TO REACH POLE GROUND STUD AND CONNECT TO CIRCUIT EGC AND TO POLE MOUNTING PLATE AND POLE.
4. HANDHOLE, TIER 15, FLUSH TO GRADE, 12x12, MINIMUM 24" DEEP.
5. REUSE CIRCUIT CONDUCTORS FROM MECHANICAL ROOM TO GRADE EXIT THROUGH THE INSIDE OF THE BUILDING. SPLICE TO NEW CONDUCTORS INSIDE NEW HANDHOLE. EXTEND CONDUIT STUB FROM BUILDING EXIT TO HANDHOLE. EACH LIGHTING CIRCUIT FROM HANDHOLE OUT TO FIXTURES SHALL CONSIST OF MIN. 2#10, #10EGC. MATCH EXISTING CONDUCTOR SIZE FOR CONDUCTORS RUN INSIDE BUILDING INCLUDING RECIRCUITED AND RELOCATED CONDUCTORS OUT TO EXISTING BUILDING EXIT.
6. PROVIDE TEMPORARY LIGHTING WHILE EXISTING FIXTURES ARE SWITCHED OVER TO NEW EQUIPMENT. DIESEL FUELED LIGHTING UNITS IF USED SHALL BE LIMITED TO 55 GALLON CAPACITY OR LESS. CONTRACTOR CAN UTILIZE OWNER'S ON SITE FUEL STORAGE TANK FOR REFILLS.
7. RELOCATE EXISTING CIRCUIT NL01-42,44 INTO EMERGENCY PANEL SL01-32,34. RELOCATE EXISTING BREAKER TO PANEL SL01. MATCH EXISTING CONDUCTOR SIZE. REARRANGE BREAKERS IF NEEDED FOR SPACE IN PANEL SL01.
8. PROVIDE TWO-POLE FUSE HOLDER WITH INSULATING BOOTS IN BASE OF POLE NEAR HAND HOLE ACCESS FOR EACH POLE. BASIS OF DESIGN: BUSSMAN HEY SERIES, NON-LOAD BREAK, WITH 5 AMP CLASS CC MIDGET FUSES.

GENERAL ELECTRICAL NOTES

1. MATERIALS, EQUIPMENT, AND SYSTEMS SHALL BE UL LISTED WHEN APPLICABLE AND SHALL MEET ALL PERTINENT REQUIREMENTS OF THE AMERICAN SOCIETY FOR TESTING MATERIALS (ASTM), NATIONAL ELECTRICAL CODES (NEC), THE UNDERWRITERS LABORATORY (UL), THE NATIONAL ELECTRIC MANUFACTURERS ASSOCIATION (NEMA), NATIONAL FIRE PROTECTION ASSOCIATION (NFPA), AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI), AND OTHER NATIONALLY RECOGNIZED AGENCIES AS WELL AS APPLICABLE LOCAL CODES.
2. ANYTHING DRAWN OR SPECIFIED SHALL NOT BE CONSTRUED TO CONFLICT WITH ANY LOCAL MUNICIPAL OR STATE LAW, REGULATION OR ORDINANCE WHICH GOVERNS THE INSTALLATION OF ANY ELECTRICAL OR RELATED WORK. ITEMS SHALL NOT BE INSTALLED IN CONFLICT WITH THE NEC OR LOCAL UTILITY. RESOLVE ANY AND ALL CONFLICTS BEFORE INSTALLATION AT NO ADDITIONAL EXPENSE TO THE OWNER.
3. THE SYSTEMS SHOWN ON DRAWINGS SHALL BE PROVIDED TO SERVE ALL FIXTURES. EQUIPMENT, AND AREAS WITHIN THE CONTRACT LIMIT LINES AS SET FORTH BY THE ARCHITECTURAL SOLUTION FOR THE PROJECT. THE BIDDING AND CONTRACT REQUIREMENTS, GENERAL REQUIREMENTS, AND GENERAL PROVISIONS SHALL APPLY TO THIS SECTION. SYSTEMS SHALL INCLUDE ALL EQUIPMENT, APPURTENANCES, SAFETY DEVICES AND CONTROLS NECESSARY FOR THE INTENDED SERVICE. PROVIDE ALL LABOR AND MATERIALS FOR A CODE COMPLIANT COMPLETE AND FUNCTIONAL ELECTRICAL SYSTEM FOR THE CONTRACT WORK AREAS INDICATED ON THE ELECTRICAL DRAWINGS.
4. WHERE JOB CONDITIONS REQUIRE CHANGES FROM THE CONTRACT DOCUMENTS THAT DO NOT CHANGE THE SCOPE OF INSTALLATION OR NATURE OF WORK REQUIRED, THE CONTRACTOR SHALL MAKE SUCH CHANGES WITHOUT ADDITIONAL COST TO THE OWNER. NO OTHER CHANGES MAY BE MADE WITHOUT WRITTEN PERMISSION OF THE OWNER. PROVIDE ALL CONDUIT OFFSETS AND MISC. MATERIALS REQUIRED TO COORDINATE WITH BUILDING COMPONENTS AND WORK OF OTHER TRADES.
5. BIDDERS SHALL BE BONDED AND INSURED AND LICENSED CONTRACTORS IN ACCORDANCE WITH LOCAL AND STATE LAWS AND AS REQUIRED BY OWNER. PROVIDE ALL LABOR AND MATERIALS REQUIRED FOR COMPLETE INSTALLATION OF THE INDICATED SYSTEMS AND EQUIPMENT ACCORDING TO THE NEC AND MANUFACTURER'S RECOMMENDATIONS.
6. PROVIDE ALL REMOVALS AND RELOCATION'S AS REQUIRED TO COMPLETE THE NEW WORK.
7. REMOVE EXISTING CONSTRUCTION TO THE EXTENT REQUIRED TO PROVIDE NEW CONSTRUCTION WORK UNLESS OTHERWISE NOTED.
8. VERIFY FINAL LOCATIONS FOR ROUGH-INS WITH FIELD MEASUREMENTS AND WITH THE REQUIREMENTS OF THE ACTUAL EQUIPMENT TO BE CONNECTED. VERIFY ALL DIMENSIONS BY FIELD MEASUREMENTS.
9. COORDINATE THE INSTALLATION OF ELECTRICAL MATERIALS AND EQUIPMENT ABOVE CEILINGS WITH SUSPENSION SYSTEM, MECHANICAL EQUIPMENT AND SYSTEMS, AND STRUCTURAL COMPONENTS. COORDINATE ELECTRICAL EQUIPMENT AND MATERIALS INSTALLATION WITH OTHER BUILDING COMPONENTS. PROVIDE WATER TIGHT BUILDING ENVELOPE AND ROOF PENETRATIONS.
10. WHERE MOUNTING HEIGHTS ARE NOT DETAILED OR DIMENSIONED, INSTALL ELECTRICAL SERVICES AND OVERHEAD EQUIPMENT TO PROVIDE THE MAXIMUM HEADROOM POSSIBLE. INSTALL ELECTRICAL EQUIPMENT TO FACILITATE MAINTENANCE AND REPAIR OR REPLACEMENT OF EQUIPMENT. INSTALL ALL WORK CONCEALED IN FINISHED SPACES.
11. ELECTRICAL INSTALLATION SHALL BE INSPECTED AND LABELED BY A CERTIFIED ELECTRICAL INSPECTION AGENCY APPROVED BY THE CONTRACTING OFFICER. INSTALL CERTIFICATIONS AND INSPECTIONS TO BE SUBMITTED TO COR
12. PROVIDE TYPE WRITTEN PANEL BOARD SCHEDULES AT ALL NEW PANELBOARDS. UPDATE AND PROVIDE TYPE WRITTEN PANELBOARD SCHEDULES AT EXISTING PANELS WHEN NEW CIRCUITS ARE ADDED.
13. PORTIONS OF THE WORK ARE BASED ON BUILDING DRAWINGS PREPARED BY OTHERS. CONTRACTOR SHALL VISIT THE PROJECT SITE AND REVIEW ALL DRAWINGS BY OTHER TRADES BEFORE SUBMITTING BID AND SHALL BECOME FAMILIAR WITH THE PROJECT CONDITIONS. THE CONTRACTOR SHALL ADVISE THE CONTRACTING OFFICER PRIOR TO BID OF DISCREPANCIES WHICH WILL PROHIBIT THE PREPARATION OF AN ALL-INCLUSIVE BID OR COST PROPOSAL.
14. FIRE STOP ALL PENETRATIONS OF FIRE-RATED WALLS, CEILINGS, OR FLOOR CONSTRUCTION WITH ROCK WOOL INSULATION OR OTHER UL LISTED PRODUCTS. COMPLETELY SEAL VOIDS WITH FIRE-RATED MATERIALS, FULL THICKNESS OF THE CONSTRUCTION ELEMENTS OR AS INSTRUCTED BY PRODUCT MANUFACTURER. PROVIDE UL LISTED FIRE RATED BOXES FOR RECESSED BOXES IN RATED WALLS AND CEILINGS. FIRE RATED WALLS SHALL INCLUDE ALL CORRIDOR WALLS, STAIRWELLS AND ALL PARTITIONS THAT EXTEND TO UNDERSIDE OF DECK ABOVE. SEE ARCHITECTURAL DRAWINGS FOR RATED PARTITION AND RATED CEILING TYPES.
15. ALL CONSTRUCTION, SURFACES, FINISHES, ETC. ALTERED OR EXPOSED BY ANY DEMOLITION, REMOVAL OR INSTALLATION SHALL BE REPAIRED OR REPLACED AS NECESSARY, SYSTEMATICALLY CLEANED, PRIMED, AND FINISHED TO PROVIDE A MATCHING, FINISHED APPEARANCE WITH THE SURROUNDING EXISTING CONDITIONS.
16. PRIOR TO START OF ALL WORK, COORDINATE THE REMOVAL, STORAGE AND / OR DISPOSAL OF INCIDENTAL ITEMS NOT PERMANENTLY AFFIXED TO THE BUILDING WITH THE OWNER. OWNER HAS THE RIGHT OF FIRST REFUSAL ON ALL SALVAGE ITEMS.
17. ALL MATERIALS SHALL BE AS SPECIFIED OR EQUAL AS APPROVED BY ARCHITECT / ENGINEER. SPECIFIC MATERIALS SPECIFIED IS MEANT TO INDICATE QUALITY INTENT WHICH WILL BE USED AS A BASIS FOR COMPARISON WITH SUBSTITUTES SUBMITTED FOR APPROVAL. THE DECISION AS TO WHAT IS EQUAL IS TO BE DETERMINED BY THE ARCHITECT / ENGINEER.
18. TO THE BEST OF TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGMENT, THE PLANS AND SPECIFICATIONS COMPLY WITH THE LATEST EDITION OF THE ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE (ECCNYS).
19. CONTRACTOR TO TURN OVER LAMPS AND BALLASTS FROM REMOVED FIXTURES TO OWNER FOR DISPOSAL.



1 / E2 SITE LIGHTING PLAN

SCALE: 1" = 30'

Revisions	Date
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Project Title: UPGRADE ROME LIGHTING

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Dwg. 2 of 4

Office of Construction and Facilities Management

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