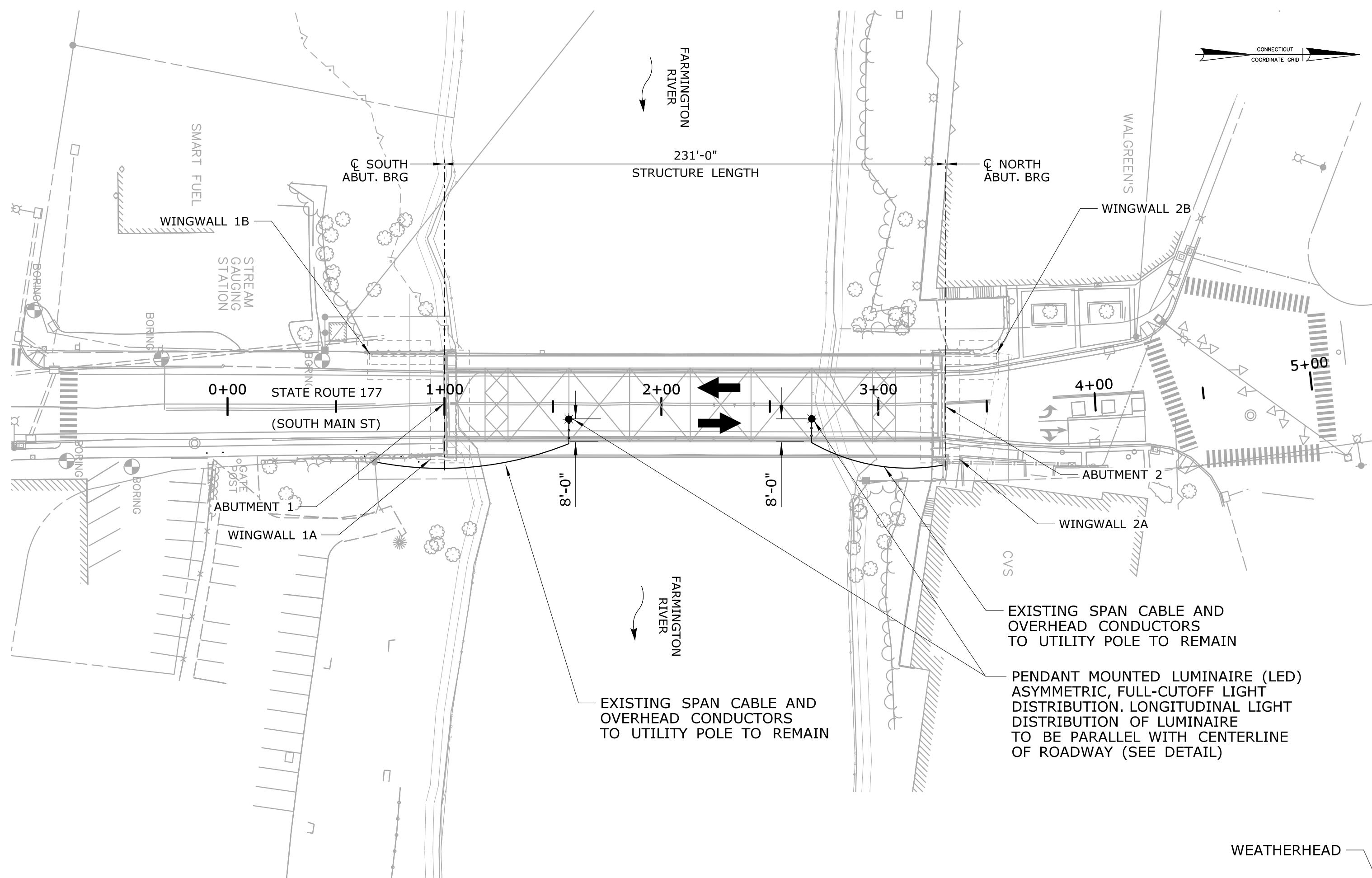


07 - ELECTRICAL - ILLUMINATION

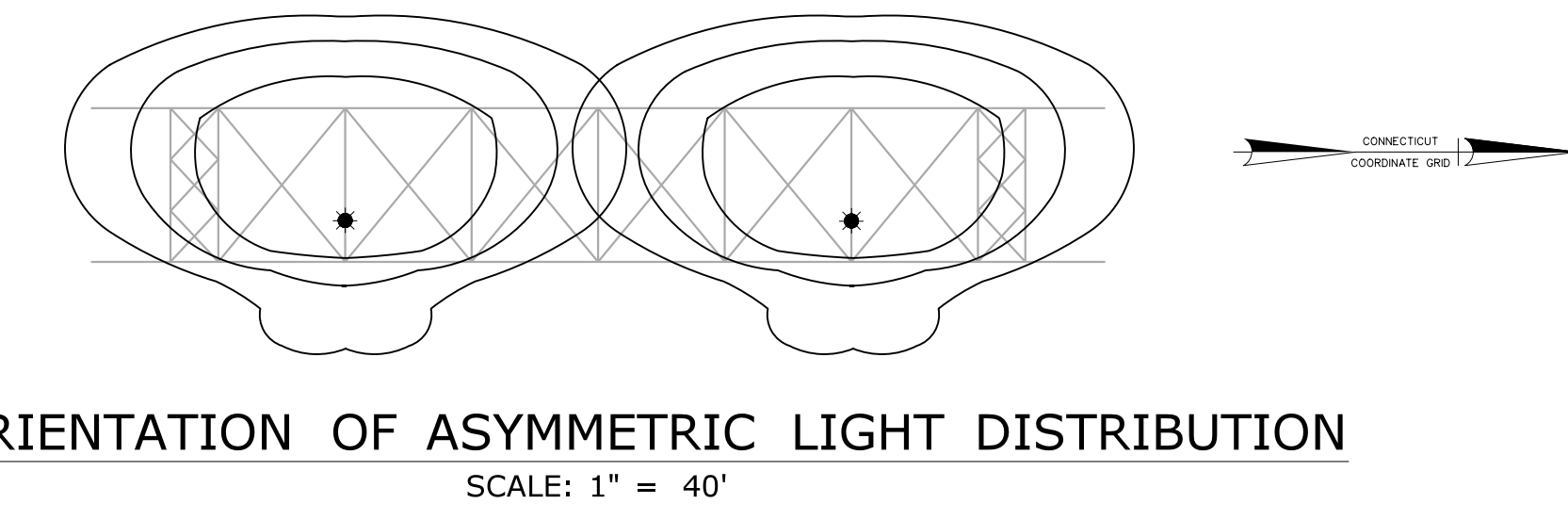
INDEX OF DRAWINGS

| DRAWING NUMBER | DRAWING TITLE | DRAWING NUMBER | DRAWING TITLE |
|----------------|---|----------------|---------------|
| ILL-01 | ELECTRICAL - ILLUMINATION INDEX OF DRAWINGS | | |
| ILL-02 | ILLUMINATION PLAN AND DETAILS | | |
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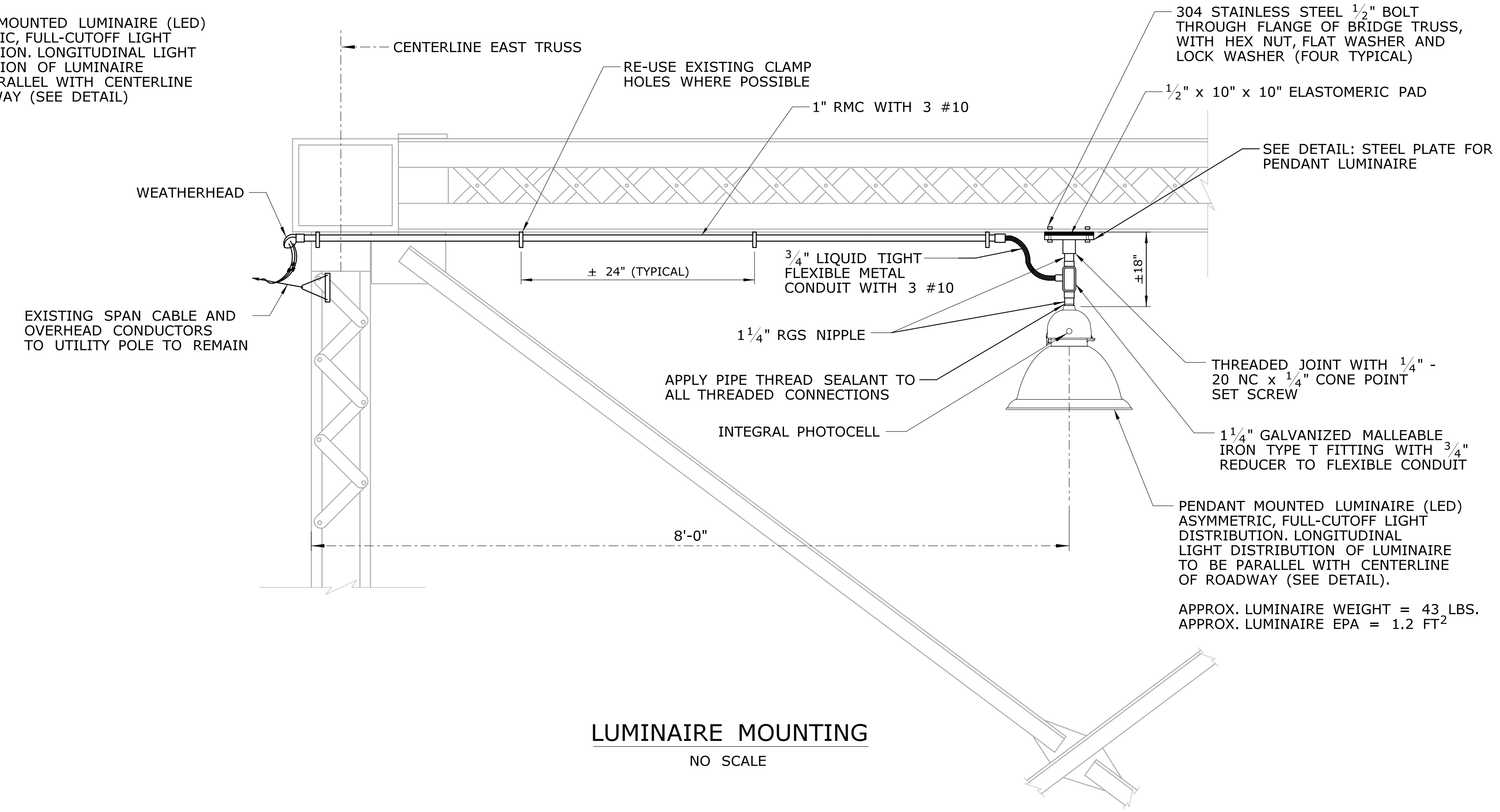
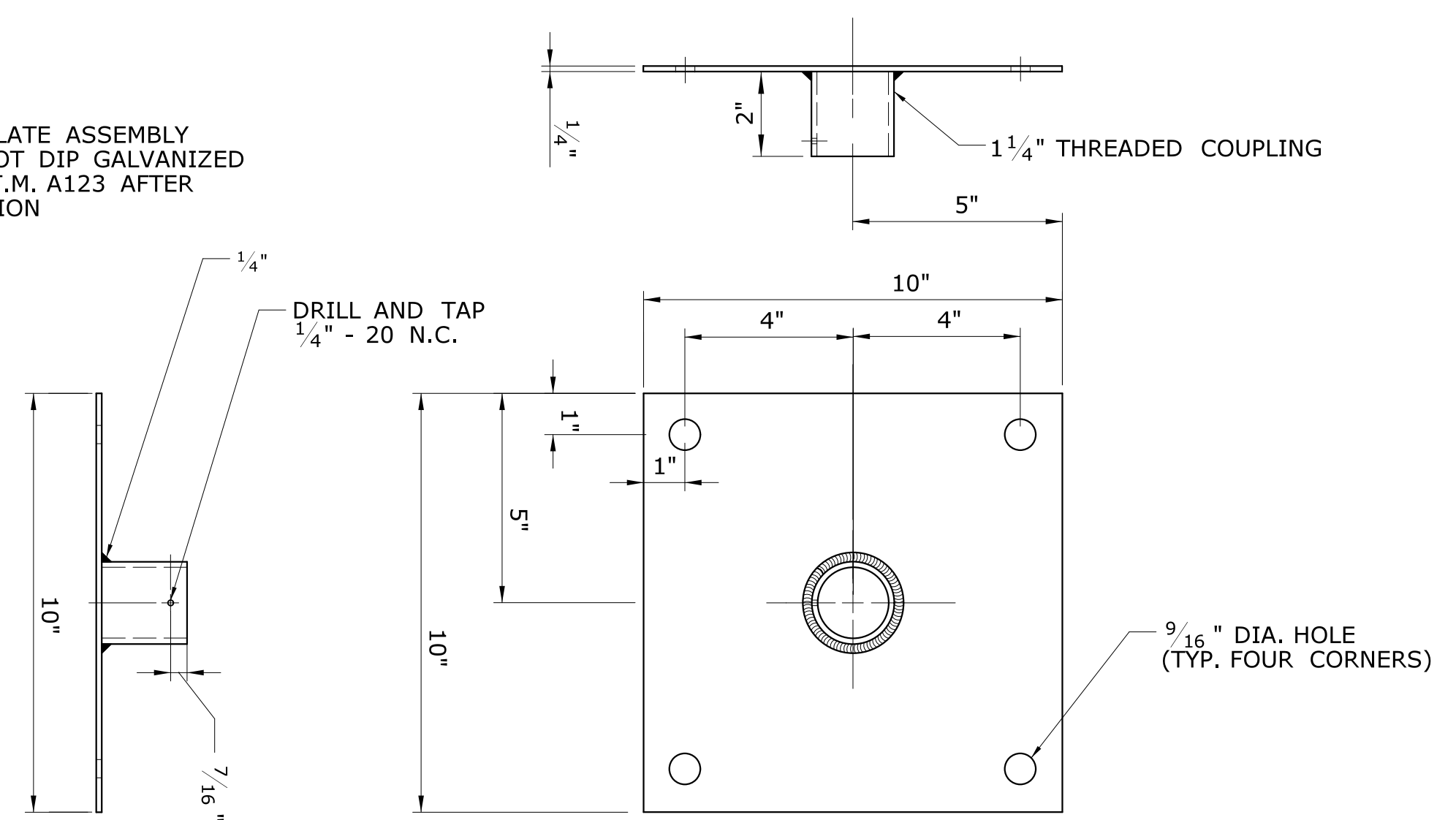
THE DESIGN APPEARS TO CONFORM TO APPLICABLE CRITERIA. APPROVAL IS NOT TO BE CONSTRUED TO MEAN THAT ALL ASPECTS OF THE DESIGN HAVE BEEN PERSONALLY CHECKED BY THE UNDERSIGNED.



- ILLUMINATION NOTES:
- 1) ALL ELECTRICAL WORK SHALL CONFORM TO THE NATIONAL ELECTRIC CODE, AND CONNECTICUT STANDARD SPECIFICATIONS.
 - 2) BRANCH CIRCUIT CONDUCTORS SHALL BE NO. 10 AWG, STRANDED COPPER, INSULATION TYPE THWN AND RATED FOR 600 VOLTS. INSULATION SHALL BE COLORED CROSS LINKED POLYETHELENE (XLP). SINGLE PHASE CIRCUIT COLORS SHALL BE AS FOLLOWS: WHITE, BLACK, RED, GREEN.
 - 3) ALL CONDUIT STRAPS, CLAMPS, AND MOUNTING HARDWARE SHALL BE TYPE 304 STAINLESS STEEL.
 - 4) THE CONTRACTOR SHALL CONTACT EVERSOURCE REPRESENTATIVE ALISHA SAXBY AT 203-271-4770 TO COORDINATE DISCONNECTION/CONNECTION OF THE EXISTING OVERHEAD UTILITY FEEDS TO THE LUMINAIRES.
 - 5) THE CONTRACTOR SHALL CONTACT MARK BEAR OF CONNDOT ELECTRICAL (860-594-2796) TO COMPLETE THE EVERSOURCE REQUEST FOR UN-METERED SERVICE.
 - 6) ROADWAY LIGHTING ON THE BRIDGE SHALL BE MAINTAINED THROUGHOUT ALL STAGES OF CONSTRUCTION (SEE ITEM NO. 1020042A).
 - 7) THE CONTRACTOR SHALL REMOVE AND DISPOSE OF THE TWO EXISTING BRIDGE LUMINAIRES INCLUDING ALL ASSOCIATED SURFACE RMC, CLAMPS, MOUNTINGS, AND CONDUCTORS BACK TO THE EXISTING OVERHEAD UTILITY SERVICE DROPS (TO REMAIN).



NOTE:
ENTIRE PLATE ASSEMBLY TO BE HOT DIP GALVANIZED PER A.S.T.M, A123 AFTER FABRICATION



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| DESIGNER/DRAFTER: MSB | <p>STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION</p> | SIGNATURE/ BLOCK: OFFICE OF ENGINEERING | PROJECT TITLE: REHABILITATION OF BRIDGE NOS. 01487 & 03245 RTE 177 OVER FARMINGTON RIVER | TOWN: FARMINGTON | PROJECT NO. 51-272 |
| CHECKED BY: JA | | APPROVED BY: | DRAWING TITLE: ILLUMINATION PLAN AND DETAILS | DRAWING NO. ILL-02 | |
| SCALE AS NOTED | Plotted Date: 10/22/2020 | Filename: ...engineering_data\ILL-02.dgn | | | SHEET NO. 07.02 |