



SITE POWER PLAN

SCALE: 1/16" = 1'-0"



KEYED NOTES:

1. EXISTING 3000A, 480Y/277V, 3Ø, 4W, NEMA 3R, SES.
2. NEW FEEDER FROM THE SES TO THE NEW DISTRIBUTION PANEL. REFER TO THE ONLINE DIAGRAM ON SHEET E-501 FOR FEEDER CONDUIT/WIRE SIZE.
3. ROUTE FEEDER TO DISTRIBUTION PANEL DS-1H2A, LOCATED IN THE NEW ELECTRICAL ROOM.

NOTES:

- A. COORDINATE ALL WORK WITH OTHER TRADES, RIGHT-OF-WAY FOR OTHER UTILITIES AND THE PROJECT MANAGER.
- B. ROUTING OF ALL TRENCHES FOR POWER FEEDERS ARE SHOWN FOR ESTIMATING PURPOSES ONLY. ACTUAL ROUTING AND LOCATION, AS WELL AS DEPTH OF ALL TRENCHING SHALL BE AS COORDINATED WITH OTHER UTILITIES BY THE CONTRACTOR.
- C. CONTRACTOR SHALL PROVIDE AND INSTALL MANHOLES/PULLBOXES/HANDHOLES, AS REQUIRED, TO FACILITATE INSTALLATION OF POWER FEEDERS.
- D. ALL CONDUITS SHOWN ON THIS PLAN SHALL BE RUN UNDERGROUND AT A MINIMUM OF 24" BELOW GRADE.
- E. ALL UNDERGROUND CONDUITS SHALL BE PVC SCHEDULE 40.
- F. ALL UNDERGROUND BENDS AND ALL RISERS SHALL BE TAPED RGS OR PVC COATED RIGID CONDUIT.

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PROJECT PHASE
design development

SHEET CONTENTS
site power plan

SHEET NO.

ES-101

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