



1 ELECTRICAL POWER SITE PLAN
SCALE: 1" = 10'-0"

- GENERAL NOTES:**
- COORDINATE EXACT UNDERGROUND CONDUIT ROUTING ON SITE. CONTRACTOR SHALL ENSURE NO EXISTING UNDERGROUND UTILITIES ARE DISTURBED.
 - ALL CONDUITS SHALL HAVE PULLSTRINGS INSTALLED.
 - PROVIDE HANDHOLES EVERY 100' AND AS REQUIRED TO MEET NEC REQUIREMENTS.
 - ALL HANDHOLES IN LANDSCAPED AREAS SHALL HAVE AN ANSI TIER 15 RATING. HANDHOLES IN ROADWAYS AND PARKING LOT AREAS SHALL BE TIER 22.
 - ELECTRICAL HANDHOLES SHALL HAVE A LID LABELED AS "ELECTRICAL". COMMUNICATION HANDHOLES SHALL HAVE A LID LABELED AS "COMMUNICATIONS".
 - ALL ABOVE GROUND EXTERIOR CONDUIT UP TO 10' SHALL BE RIGID GALVANIZED STEEL. ALL UNDERGROUND CONDUIT SHALL BE SCHEDULE 40 PVC.

- KEY NOTES:**
- ROUTE NEW CIRCUIT FROM EXISTING DISTRIBUTION BOARD MDP IN EXISTING ELECTRICAL ROOM TO NEW PANEL "D" AS SHOWN.
 - ROUTE EMT CONDUIT ABOVE REFLECTED CEILING. COORDINATE WITH EXISTING UTILITIES. SEAL CONDUIT AT EVERY WALL PENETRATION TO RETAIN EXISTING FIRE RATINGS OF WALLS.
 - PROVIDE AN EXTERIOR RATED WALL MOUNTED STAINLESS STEEL BOX AT 4' A.F.F. TO TRANSITION CONDUIT TO UNDERGROUND.
 - BORE 2" PVC CONDUIT UNDER ROADWAY TO NEW HANDHOLE.
 - PROVIDE HANDHOLE AND PVC CONDUIT IN GRAVEL AREA TO NEW PANEL "D". CONDUIT SHALL BE AT 30" MINIMUM DEPTH.
 - INSTALL NEW PANEL "D" ON WALL OF EXISTING DUMPSTER ENCLOSURE. CONTRACTOR SHALL TRIM EXISTING HEDGES TO PROVIDE CLEARANCE FOR PANEL.
 - ROUTE NEW 2" CONDUIT TO EXISTING TELECOM POLE. STUB CONDUIT 12" ABOVE GROUND. INSTALL MAXCELL FABRIC INNERDUCT IN CONDUIT.
 - ROUTE PVC TELECOM CONDUIT IN EXCAVATED AREA NEXT TO NEW WALKWAY. TELECOM CONDUIT SHALL BE MIN. 24" BELOW GRADE.
 - PROVIDE TELECOM HANDHOLE IN LANDSCAPED AREA.
 - STUB TELECOM CONDUIT INSIDE NEW LIGHTING POLE UP TO INTEGRAL POLE HANDHOLE.
 - INSTALL RECEPTACLE 4' A.F.F.
 - INSTALL RECEPTACLE ON CONCRETE BENCH 18" A.F.F. ABOVE GROUND CONDUIT AND ELBOW TRANSITIONING TO PVC SHALL BE GALVANIZED RIGID STEEL.
 - INSTALL 3-PHASE EVENT RECEPTACLE ON LIGHT POLE. REFER TO DETAIL 1 ON SHEET E5.00 FOR RECEPTACLE SPECIFICATIONS.
 - PROVIDE 4' POST AND INSTALL 3-PHASE RECEPTACLE AS SHOWN ON DETAIL 1 ON SHEET E5.00.

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REVISIONS:

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E1.10A
ELECTRICAL POWER
SITE PLAN

AAC
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