

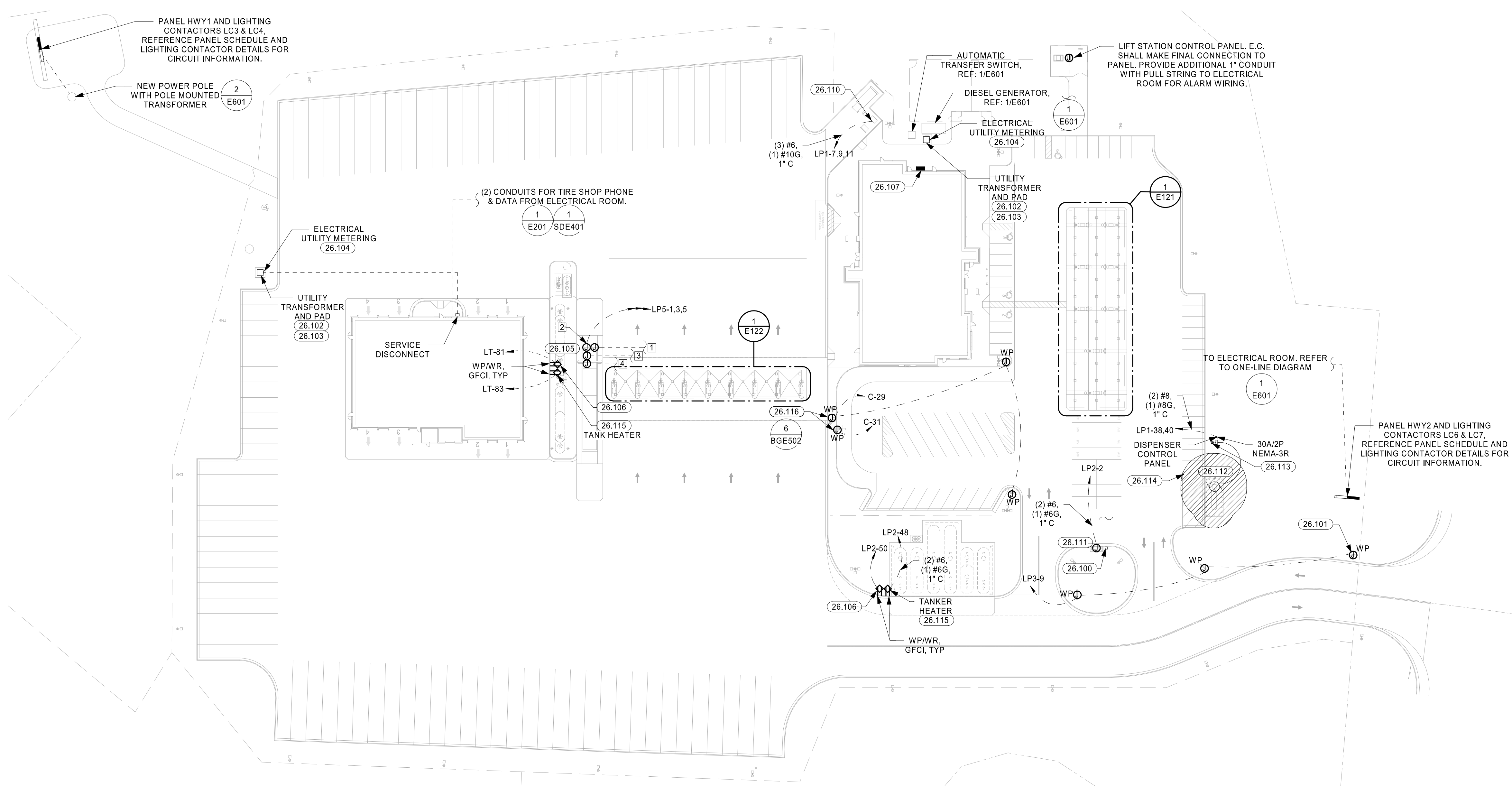
CAT SCALE CONDUIT SCHEDULE						
CONDUIT TAG	CONDUIT (SIZE)-QTY	DESCRIPTION	CONDUIT CONTENTS	INITIATION POINT	TERMINATION LOCATION	NOTES
1	(1) - 1 1/2" C	TRUCK SCALE LOAD CELL CABLE	200LB PULLSTRING	FUEL DESK	TRUCK SCALE PIT	LOAD CELL CABLE PROVIDED BY CAT SCALE
2	(1) - 1 1/2" C	POWER - PUMPS, SIGNS, & INTERCOMS	(2) #10 (6) #6	ELECTRICAL ROOM	TRUCK SCALE PIT	CONDUIT SHALL CONTAIN: #6 STRANDED CONDUCTORS IN THE FOLLOWING COLORS: (2) GREEN, (2) WHITE, (1) BLACK, AND (1) BLUE. #10 STRANDED CONDUCTORS IN THE FOLLOWING COLORS: (1) WHITE & (1) RED. CONDUITS SHALL BE STUBBED UP IN THE ELECTRICAL ROOM NEAR PANEL FOR CONNECTION TO BREAKER FOR SCALE CONNECTION. FIELD COORDINATE EXACT LOCATION PRIOR TO ROUGH-IN
3	(1) - 1 1/2" C	TRUCK SCALE COAX AND INTERCOM	200LB PULLSTRING	FUEL DESK	TRUCK SCALE PIT	BLACK & YELLOW COAX AND INTERCOM CABLE ARE PROVIDED BY CAT SCALE.
4	(1) - 1 1/2" C	SPARE	200LB PULLSTRING	ELECTRICAL ROOM	TRUCK SCALE PIT	FUTURE USE

KEYNOTES	
26.100	INSTALL (1) 1" CONDUIT WITH PULL STRING FROM ELECTRICAL ROOM TO RV DUMP FOR LOW VOLTAGE CABLES.
26.101	FIELD VERIFY TYPE OF ELECTRICAL CONNECTION REQUIRED FOR SIGNAGE PRIOR TO ROUGH-IN. PROVIDE A WEATHER-PROOF DISCONNECT SWITCH IF NOT PROVIDED WITH SIGNAGE.
26.102	PAD-MOUNTED TRANSFORMER. COORDINATE ALL INSTALLATION REQUIREMENTS WITH UTILITY COMPANY STANDARDS.
26.103	CONCRETE PAD FOR TRANSFORMER. THE PAD SHALL CONFORM TO ALL UTILITY COMPANY REQUIREMENTS. VERIFY FINAL SIZE AND LOCATION WITH UTILITY COMPANY.
26.104	UTILITY METER AND CT CABINET. REFER TO ONE-LINE DIAGRAM FOR MORE INFORMATION.
26.105	LOCATE CLASS 1, DIVISION 1 JUNCTIONS BOX IN SCALE PIT.
26.106	MOUNT A WP.WR.GFCI RECEPTACLE ON TUBE STEEL POST 24" ABOVE GRADE TO BOTTOM OF ENCLOSURE. USE A J-BOX WITH TERMINAL BLOCKS BELOW RECEPTACLE TO CHANGE WIRE SIZE TO #10 BEFORE CONNECTING TO RECEPTACLE. SEE ARCH DWGS FOR DETAIL. PROVIDE SEAL OFFS PER GENERAL NOTE #8.
26.107	PANEL MDP (MAIN SERVICE TO LOVE'S). REFER TO ONE-LINE DIAGRAM FOR ADDITIONAL INFORMATION.
26.110	60A/3-POLE, NEMA-3R DISCONNECT SWITCH FOR TRASH COMPACTOR. FIELD VERIFY FINAL LOCATION.
26.111	CONNECT TO AIR COMPRESSOR STATION. VERIFY LOCATION WITH EQUIPMENT INSTALLER.

KEYNOTES	
26.112	PROVIDE POWER CONNECTION TO LP GAS DISPENSER. INSTALL DISCONNECT PROVIDED WITH EQUIPMENT. USE EXPLOSION PROOF JUNCTION BOXES AT THE DISPENSER AND PROVIDE SEAL-OFFS ON BOTH ENDS OF THE UNDERGROUND CONDUIT. PROVIDE AN ADDITIONAL 3/4" CONDUIT TO LOVE'S MAIN ELECTRICAL ROOM FOR DATA CABLING.
26.113	PROVIDE A CONNECTION TO THE DISPENSER CONTROL PANEL ON A UNISTRUT FRAME AT LEAST 25' FROM THE LP GAS DISPENSER. PROVIDE A LABEL ON THE FACE OF THE ESO. - "PROPANE EMERGENCY SHUT OFF".
26.114	EXTENTS OF CLASS 1, DIVISION 1 AND 2 HAZARDOUS AREA. ALL ELECTRICAL WORK IN THIS AREA SHALL COMPLY WITH N.E.C. ARTICLES 501 AND 514. DIV 1 AREAS ALSO INCLUDE THE FOLLOWING: PIT BELOW FILL OPENINGS, AND INSIDE DISPENSER ENCLOSURES.
26.115	MOUNT A WP.WR.GFCI RECEPTACLE ON TUBE STEEL POST FOR ENGINE BLOCK HEATER 24" ABOVE GRADE TO BOTTOM OF ENCLOSURE. USE A J-BOX WITH TERMINAL BLOCKS BELOW RECEPTACLE TO CHANGE WIRE SIZE TO #10 BEFORE CONNECTING TO RECEPTACLE. SEE ARCH DWGS FRO DETAIL. PROVIDE SEAL OFFS PER GENERAL NOTE #8.
26.116	DRIVE-THRU MENUBOARD AND SPEAKER.

- ### GENERAL NOTES
- UNLESS OTHERWISE NOTED, ALL BRANCH CIRCUITS ROUTED ON SITE SHALL BE MINIMUM #10 AWG IN MINIMUM 1" CONDUIT.
 - ALL BELOW GRADE CONDUITS INSTALLED OUTSIDE OF THE BUILDING FOUNDATION SHALL HAVE A MINIMUM BURIAL DEPTH AND BE PROVIDED WITH A MINIMUM COVER OF 24" AS MEASURED FROM THE TOP OF FINISHED GRADE, OR OTHERWISE DICTATED BY CODE OR THE AHJ, WHICHEVER IS GREATER.
 - E.C. SHALL COORDINATE TELEPHONE & CABLE SERVICE WITH PHONE & CABLE COMPANY. PROVIDE AND INSTALL (2) 4" CONDUITS FROM TELEPHONE & CABLE EQUIPMENT ENCLOSURES TO PROPERTY LINE. COORDINATE EXACT ROUTE AND DIRECTION OF STUB-OUT AND OTHER REQUIREMENTS WITH LOCAL PHONE & CABLE COMPANY. ENTIRE RUN OF CONDUITS SHALL NOT HAVE MORE THAN (3) 90° BENDS. PROVIDE PULL ROPES IN EACH CONDUIT.

DATA SERVICE:
OWNER WILL REQUEST BIDS FROM THEIR NATIONAL ACCOUNT REPRESENTATIVES FOR THE HIGH SPEED SERVICES REQUIRED. THE SPECIFIC EQUIPMENT REQUIREMENT THEY WILL ULTIMATELY ORDER FROM THE LOCAL TELEPHONE COMPANY IS A FULL T1 MPLS WIS COS SMART JACK ETHERNET HANDOFF. COMPLETE ANY CONSTRUCTION NEEDS TO SUPPORT THIS SERVICE SIMULTANEOUSLY WITH THE CONSTRUCTION REQUIRED TO BRING POTS LINES TO THIS LOCATION.
 - CONDUITS AT CAR CANOPY SHALL BE RUN INSIDE EACH COLUMN CLOSET TO BUILDING. REFER TO CAR CANOPY PLANS.
 - HORN & INTERCOM LOCATIONS ARE SHOWN ON CAR AND TRUCK CANOPY PLANS.
 - CONDUITS AT TRUCK CANOPY SHALL BE RUN INSIDE EVERY OTHER COLUMN. REFER TO TRUCK CANOPY PLANS.
 - ALL UNDERGROUND CONDUITS SHALL BE PVC, EXCEPT AS NOTED BELOW. ALL RISERS SHALL BE PVC-COATED RIGID GALVANIZED STEEL (RGS). PROVIDE WITH PVC TO STEEL ADAPTER(S) AS NECESSARY. (THIS REQUIREMENT SHALL NOT APPLY TO FIXTURE POLE BASES.) FUEL CONDUIT RUNS AND ALL OTHER CONDUIT RUNS PASSING UNDER THE BOUNDARIES OF CLASS 1 LOCATIONS SHALL BE THREADED RIGID METAL IN ACCORDANCE WITH NEC ARTICLE 514 AND SHALL MEET THE GROUNDING AND BONDING REQUIREMENTS OF NEC 250.100. IF LOCAL SOILS ARE CORROSIVE, INCLUDE PVC-COATING OR OTHER APPROVED CORROSION PROTECTION. IF CONDUIT RUN SERVES D.E.F. (DIESEL EXHAUST FLUID) SUMPS, PROVIDE "ROBROY" PVC-COATED (COATED INSIDE & OUT) CONDUIT. PVC MAY BE ALLOWED FOR THE UNDERGROUND PORTIONS OF THESE RUNS IF ALL PROVISIONS OF NEC 514.8 EXCEPTION 2 ARE MET.
 - PROVIDE LISTED PIPE PLUGS TO SEAL ALL CONDUITS PASSING THROUGH OR UNDER THE BOUNDARIES OF THE CLASS 1 LOCATIONS UNTIL CABLES ARE PULLED AND THE CONDUIT IS SEALED PER GENERAL NOTE #9.
 - PROVIDE LISTED SEALS IN EACH CONDUIT RUN ENTERING OR LEAVING A DISPENSER OR ANY CAVITIES OR ENCLOSURES IN DIRECT COMMUNICATION THEREWITH. THE SEAL FITTINGS SHALL BE THE FIRST FITTING WITHIN 10' AFTER THE CONDUIT EMERGES FROM THE EARTH OR CONCRETE. CONDUITS PASSING UNDER THE BOUNDARIES OF THE CLASS 1 LOCATION SHALL HAVE SEAL FITTINGS ON BOTH ENDS OF THE CONDUIT RUN. THE SEAL IS TO BE THE FIRST FITTING WITHIN 10' AT THE POINT OF EMERGENCE ON EACH SIDE PER NEC 514.8.
 - REFER TO CIVIL PLANS FOR UTILITY CONTACTS.
 - SEE GEOTECHNICAL REPORT FOR RECOMMENDATIONS ON BACKFILLING AND COMPACTION REQUIREMENTS ON UTILITY TRENCHES.
 - CONTRACTOR SHALL VERIFY AND COORDINATE EXISTING CONDITIONS OF PROJECT SITE PRIOR TO BID.
 - ALL ELECTRICAL WORK AND FEES ASSOCIATED WITH UTILITIES SHALL BE VERIFIED AND COORDINATED WITH LOCAL SERVICE PROVIDER PRIOR TO BID.
 - CONTRACTOR SHALL REFERENCE ALL RELATED CONTRACT DOCUMENTS, SITE SURVEY, AND OTHER RESOURCES FOR POSSIBLE CONFLICTS WITH OTHER UNDERGROUND UTILITIES. AT UTILITY CROSSINGS, CONTRACTOR SHALL VERIFY UTILITY DEPTHS AND COORDINATE CONDUIT ROUTING AS NECESSARY.
 - ELECTRICAL CONTRACTOR SHALL COORDINATE INSTALLATION OF LIGHTNING PROTECTION SYSTEM PER SPECIFICATIONS.



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Loves
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I-59, EXIT 1
NICHOLSON, MS 39466
JOB NUMBER: 03-23-30009
TIER 1 180

ISSUE BLOCK

NO.	DATE	DESCRIPTION

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DRAWN BY: SED
DOCUMENT DATE: 2/7/2023
PROTO: TIER 1 180
PROTO CYCLE: Q4 - 2022

Professional Engineer Seal:
JAMES GASTANEDA
LICENSED PROFESSIONAL ENGINEER
28109
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ELECTRICAL SITE PLAN - POWER

1 SITE PLAN - POWER
1" = 50'-0"

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