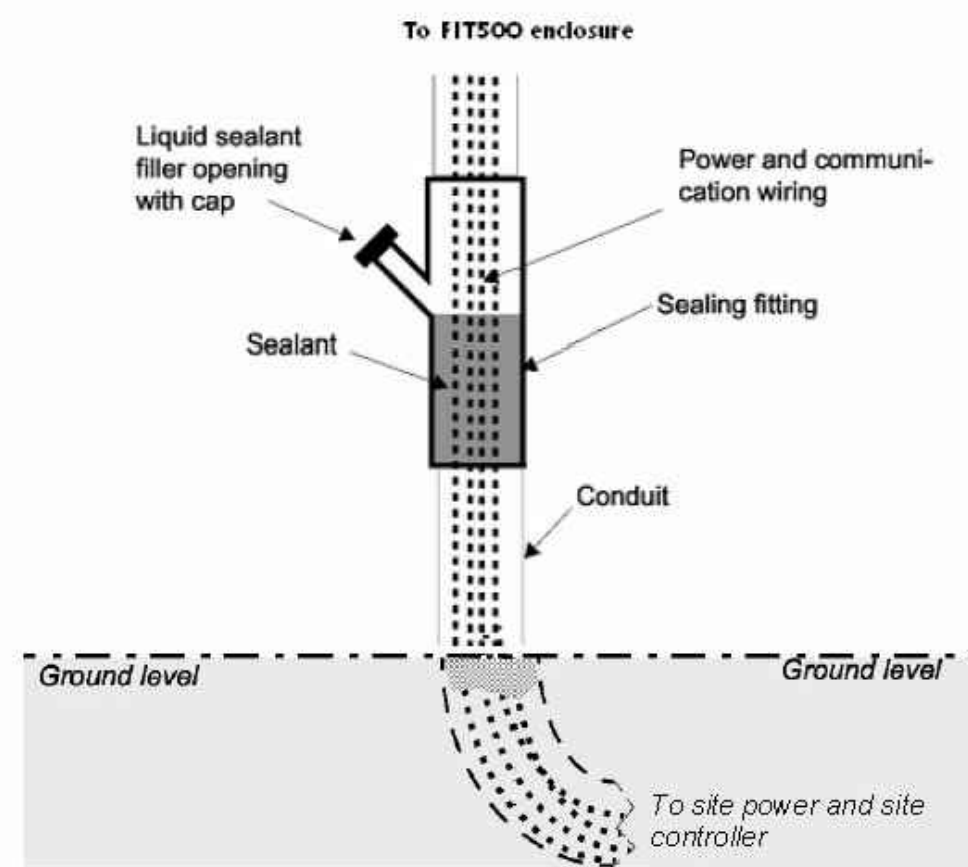


Conduit entering the hazardous area must have a seal-off installed 18 inches above grade to prevent liquid or fumes from entering the area.



SEAL OFF DETAIL

SCALE: NTS
DETAIL FOR REFERENCE ONLY

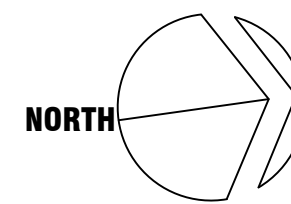
ELECTRICAL SITE PLAN

SCALE: 1" = 20'-0"



CANOPY LIGHTING PLAN

SCALE: $3/32" = 1'-0"$

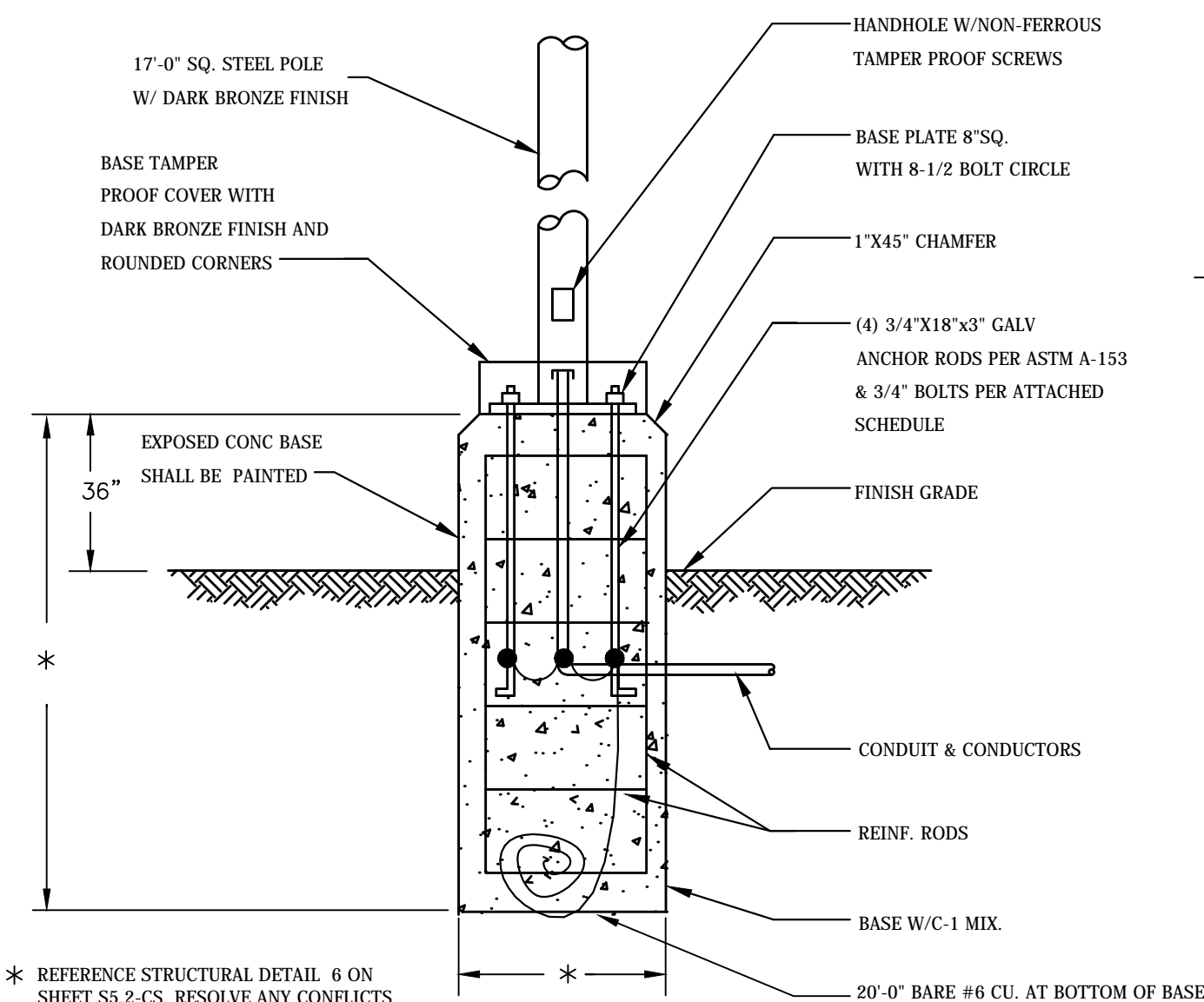


GENERAL NOTES

2. ALL FUEL INLAND CONDUITS SHALL BE WEATHERPROOF.
3. ALL EXTERIOR ISLAND CONDUITS SHALL BE ROUTED TO THE RESPECTIVE PANELS AND/OR TO THE FUEL CONTROL PANELS LOCATED IN THE MANAGERS OFFICE/STORAGE ROOM.
3. PROVIDE ALL EMPTY CONDUITS WITH PULL STRING AND CAP AT BOTH ENDS.
4. ELECTRICAL CONTRACTOR SHALL CONTACT POWER COMPANY REGARDING EXACT LOCATION OF ALL PRIMARY SERVICE EQUIPMENT, TRENCH LOCATIONS, TRANSFORMER LOCATION, METER LOCATION, ETC.
5. ELECTRICAL CONTRACTOR SHALL PROVIDE NECESSARY SECONDARY CONDUITS, POWER TRENCHING, BACKFILL, CONCRETE PADS FOR TRANSFORMERS AND SERVICE EQUIPMENT AND CONDUIT STUBS INTO TRENCH AS REQUIRED BY POWER COMPANY AND TO THEIR SPECIFICATIONS.
6. ELECTRICAL CONTRACTOR SHALL CONTACT TELEPHONE COMPANY REGARDING EXACT LOCATION OF ALL PRIMARY SERVICE EQUIPMENT, SERVICE EQUIPMENT, TRENCH LOCATIONS, ETC.
7. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL NECESSARY TELEPHONE TRENCHING, BACKFILL, AND CONDUIT STUBS INTO TRENCH AS REQUIRED BY TELEPHONE COMPANY AND TO THEIR SPECIFICATIONS.
8. ALL WIRING OUTSIDE SHALL BE A MINIMUM OF #10 COPPER WITH TYPE XHHW-2 INSULATION, FOR UNDERGROUND CIRCUITS RUN IN P.V.C. PROVIDE A #10 COPPER BOND IN ADDITION TO CIRCUIT CONDUCTORS.
9. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR COORDINATION AND COMPLIANCE WITH UTILITY COMPANYS REQUIREMENTS. WITHIN TWO WEEKS AFTER AWARD TO CONTRACT, SUBMIT (2) COMPLETE SETS OF PLANS, INCLUDING PLOT OF SURVEY, TO UTILITY COMPANY FOR COORDINATION. ROUTING OF INCOMING POWER AND TELEPHONE SERVICE SHOWN ARE FOR ESTIMATING PURPOSES ONLY. ACTUAL ROUTING, CONDUIT, TRENCH, AND PAD REQUIREMENTS SHALL BE AS SPECIFIED BY THE UTILITY COMPANY. CONFIRM ALL REQUIREMENTS WITH UTILITIES PRIOR TO INSTALLATION.
10. ALL UNDERGROUND CABLE PIPE AND CONDUITS SHALL BE DETECTABLE (METALLIC) OR HAVE A DETECTABLE (UNDERGROUND) DEVICE INSTALLED PER AZ STATUTE 40-360.22.2.
11. ALL EXTERIOR LIGHTING SHALL BE FULL CUT OFF AND HORIZONTALLY TO THE GROUND.

○ KEY NOTES

- 1 3/4" CONDUIT FOR TANK MONITOR CONTROL.
 - 2 3/4" CONDUIT FOR VR SENSOR CONTROL.
 - 3 3/4" CONDUIT FOR VIB SENSOR CONTROL.
PULL AND TERMINATE VEEDER ROOT WIRING AT PUMPS, AUTO TANK GAUGES, BRINE SENSORS, HOOK SWITCHES AND TIS330. PROVIDE BELDEN 8860 OR EQUIV. 18/2 STRANDED, OAS, JACKETED. PLENUM CABLE. VERIFY/ COORDINATE WITH FUEL PIPING PLANS.
 - 4 3/4" CONDUIT TO EQUIPMENT ROOM FOR INTERCOM.
 - 5 PULL AND TERMINATE INTERCOM WIRING. 22/2 STRANDED, OAS, JACKETED. PLENUM CABLE. VERIFY/ COORDINATE WITH FUEL PIPING PLANS.
 - 6 3/4" EMPTY CONDUIT - (EXTRA).
 - 7 PROVIDE SEAL-OFF FITTINGS AT EACH END OF CONDUIT IN CONJUNCTION WITH C.V.R. DISPENSER MANUAL.
 - 8 CONTRACTOR TO PROVIDE 3-1" CONDUITS. WP J-BOX FOR POLE SIGN. VERIFY EXACT LOCATION WITH OWNER. (INSTALLED UNDER SEPARATE PERMIT)
 - 9 1" CONDUIT FOR POWER HOMERUN.
 - 10 SERVICE ENTRANCE SECTION.
 - 11 (3) 4" EMPTY CONDUITS FOR SECONDARY FEEDERS.
 - 12 PROVIDE HOUSEKEEPING PAD FOR POWER CO. PAD MOUNTED TRANSFORMER PER SERVING POWER COMPANY REQUIREMENTS.
 - 13 (2) 4" CONDUITS FOR SERVING POWER CO. PRIMARIES.
 - 14 TERMINATE PER SERVING UTILITY CO. REQUIREMENTS.
 - 15 (3) 4" EMPTY CONDUITS FOR TELEPHONE SERVICE. VERIFY EXACT QUANTITY AND SIZE WITH SERVING TELEPHONE COMPANY.
 - 16 "EMERGENCY POWER OFF" SWITCH PER NEC 2008. NEC ART 514.11. PROVIDE SIGNAGE PER IPC SECTION 2204, 2205. (VERIFY EXACT LOCATION WITH CIRCLE K).
 - 17 WP J-BOX FOR COMPLETE CONNECTION OF CANOPY SIGN. VERIFY EXACT LOCATION IN WP J-BOX.
 - 18 WP J-BOX FOR COMPLETE CONNECTION OF WATER/AIR FILL STATION. VERIFY EXACT LOCATION IN FIELD, AND VERIFY REQUIREMENTS PRIOR TO ROUGH-IN.
 - 19 1" C CONDUIT FROM ELECTRICAL ROOM/MECHANICAL ROOM, TO CLOSEST CANOPY COLUMN. ROUTE UP TO CANOPY DUE FOR SPEAKER CONNECTION.
 - 20 NOT USED.
 - 21 NOT USED.
 - 22 LIGHTING CIRCUITS SHALL BE ROUTED VIA 20A 12 POLE ELECTRICALLY RATED LIGHTING CONTROL PANEL CONTROLLED BY THE 'EPO' SWITCH LOCATED ON THE GAS CANOPY. SEE DETAIL SHEET E1.5.
 - 23 VENT RISER FROM TANKS.
 - 24 COORDINATE WITH CIVIL DRAWINGS.
 - 25 TANK FILL POINT.
 - 26 3/4" CONDUIT FROM GAS CANOPY TO ELECTRICAL RM FOR MUSIC/SPEAKERS



7 POLE BASE DETAIL

NOT TO SCALE

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ISSUE/REVISION RECORD

DATE	DESCRIPTION
02/13/15	PERMIT SET

PROFESSIONAL SEAL



2/16/15

PROFESSIONAL IN CHARGE

GUIDO INOA ALVAREZ

PROJECT MANAGER

GUIDO INOA ALVAREZ

QUALITY CONTROL

GUIDO INOA ALVAREZ

DRAWN BY

GUIDO INOA ALVAREZ

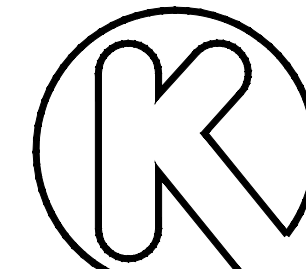
PROJECT NAME

CIRCLE 1

**CIRCLE K
STORES, INC.**

ALBUQUERQUE
NEW MEXICO

**4400 COORS BLVD. SW
ALBUQUERQUE, NM 87121**



CIRCLE K STORES INC

PROJECT NUMBER

20130791

SHEET TITLE

ELECTRICAL SITE PLAN

SHEET NUMBER

E1.1