CIRCLE K SOUTHWEST PROTOTYPE 4480 – 08/13/2013

ELECTRICAL POWER SYMBOLS

RECEPTACLES

- 20A, 125V SINGLE OUTLET, HUBBELL #5361 OR EQUAL (MOUNT +16" TO BOTTOM AS NOTED)
- 20A, 125V DUPLEX OUTLET, HUBBELL #5362 OR EQUAL (MOUNT +16" TO BOTTOM OR AS NOTED)
- DOUBLE DUPLEX TWO 20A, 125V DUPLEX OUTLETS, HUBBELL #5362 (MOUNT +16" TO BOTTOM OR AS NOTED)
- 30A, 120V, 1ø, RECEPTACLE
- 30A, 250V, 1ø, RECEPTACLE
- SPECIAL PURPOSE RECEPTACLE
- DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER (CONFIRM HEIGHT AND LOCATION)
- 20A, 250V, 1ø, TWIST LOCK RECEPTACLE
- 30A, 250V, 3ø, TWIST LOCK RECEPTACLE
- 480V, 1ø, RECEPTACLE AMPS/kW AS NOTED
- 480V, 3ø, RECEPTACLE AMPS/kW AS NOTED
- BOX AROUND ANY OUTLET INDICATES OUTLETS INSTALLED IN FLOOR
- 20A, 250V, 3ø, TWIST LOCK RECEPTACLE
- 250V, 1ø, RECEPTACLE AMPS/kW AS NOTED
- 250V, 3ø, RECEPTACLE AMPS/kW AS NOTED

OTHER POWER SYMBOLS

- (J) JUNCTION BOX 4 11/16" SQ. X 2 1/8" D (MINIMUM)
- EXTERNALLY OPERATED FUSIBLE DISCONNECT SWITCH, SIZE AND TYPE AS NOTED
- COMBINATION MAGNETIC STARTER AND FUSIBLE DISCONNECT SWITCH, SIZE AND TYPE AS NOTED
- SINGLE PHASE STARTER W/ H.O.A.
- (M) MOTOR
- VFD VARIABLE FREQUENCY DRIVE

CONDUIT TYPES

- UNDERGROUND CONDUIT
- CONDUIT UP
- CONDUIT DOWN
- HOME RUM TO PANELBOARD OR AS NOTED
- CONDUIT STUB-OUT, MARK AND CAP AS DIRECTED
- BREAK IN CONDUIT

ABBREVIATIONS

A	AMPERES
AA	AMBIENT AIR
AC	AT 6" ABOVE COUNTER
AG	ABOVE GROUND
AIC	AMPS INTERRUPTING CURRENT
C.B.	CIRCUIT BREAKER
CKT	CIRCUIT
CLG	CEILING
CU	COPPER
EDF	ELECTRIC DRINKING FOUNTAIN
E	PREFIX FOR EMERGENCY
EC	EMPTY CONDUIT WITH PULL STRING
EMO	EMERGENCY POWER-OFF
FOT	FIBER OPTIC TRANSMITTER
FU	FUSE
FWE	FURNISHED WITH EQUIPMENT
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GFP	GROUND FAULT PROTECTION
GND	GROUND
HPC	HIGH PRESSURE CONTACT
IG	ISOLATED GROUND
KA	KILOAMPERES
kVA	KILOVOLT – AMPERES
kW	KILOWATT
LFMC	LIQUIDTIGHT FLEXIBLE METAL CONDUIT
LT	LIQUID TIGHT CONDUIT
LTG	LIGHTING
MCS	MOLDED CASE SWITCH
M.O.	MANUALLY OPERATED
MT	MOUNT
NF	NON FUSED
NL	NIGHT LIGHT
PC	POWER CENTER
PNL	PANEL
PWR	POWER
REC	RECEPTACLE
RGS	RIGID GALVANIZED STEEL
SB	STRAIGHT BLADE
SES	SERVICE ENTRANCE SECTION
TL	TWIST LOCK
TTB	TELEPHONE TERMINAL BOARD
UC	UNDER COUNTER
V	VOLTS
VCB	VACUUM CIRCUIT BREAKER
VFD	VARIABLE FREQUENCY DRIVE
WH	WATER HEATER
WP	WEATHERPROOF
XFMR	TRANSFORMER

ELECTRICAL LIGHTING SYMBOLS

- 2' X 4' LAY-IN FLOURESCENT FIXTURE, VOLTAGE AS INDICATED, (DRAWN TO SCALE)
- 2' X 4' LAY-IN FLOURESCENT FIXTURE CONNECTED TO EMERGENCY LIGHTING CIRCUIT OR WITH A MIN. OF 90 MINUTES BATTERY BACK-UP, (DRAWN TO SCALE)
- 2' X 2' LAY-IN FLOURESCENT FIXTURE, VOLTAGE AS INDICATED, (DRAWN TO SCALE)
- SINGLE FACE EXIT SIGN, TYPE AS INDICATED, SHADED PORTION INDICATES FACE OF THE EXIT SIGN. ARROW INDICATES DIRECTION.
- EXIT LIGHT, SINGLE FACE – WALL MOUNTED. ARROW INDICATES DIRECTION. SHADED PORTION INDICATES FACE OF THE EXIT SIGN.
- DOUBLE FACE EXIT SIGN, TYPE AS INDICATED (SHADED PORTION INDICATES FACE OF THE EXIT SIGN & ARROW INDICATES DIRECTION)
- $\$_A$ 20A, 120/277V, SPST TOGGLE TYPE SWITCH, SMALL LETTER INDICATES SWITCH LEG (MOUNT AT +46" TO BOTTOM OR AS NOTED)
- $\$_3$ 20A, 120/277V, 3-WAY TOGGLE TYPE SWITCH MOUNT AT +46" TO BOTTOM OR AS NOTED)
- $\$_D$ DIMMER SWITCH, TYPE AND RATING AS NOTED (MOUNT AT +46" TO BOTTOM OR AS NOTED)
- $\$_K$ 20A, 120/277V, KEYED SWITCH (MOUNT AT +46" TO BOTTOM OR AS NOTED)
- $\$_M$ TOGGLE TYPE MANUAL MOTOR TYPE SWITCH WITH THERMAL OVERLOAD PROTECTION WITH LOCK-OUT KIT, TYPE AS NOTED (MOUNT AT +46" TO BOTTOM OR AS NOTED)
- $\$_{OS}$ WALL MOUNTED OCCUPANCY SENSOR WITH MANUAL OVERRIDE SWITCH (MOUNT AT +46" TO BOTTOM OR AS NOTED)
- (OS) CEILING MOUNTED OCCUPANCY SENSOR
- WALL MOUNTED LIGHT FIXTURE
- CEILING MOUNTED LIGHT FIXTURE
- EMERGENCY LIGHT FIXTURE WITH TWIN HEAD, BATTERY AND CHARGER, WALL MOUNTED
- EMERGENCY LIGHT FIXTURE/EXIT SIGN COMBO WITH TWIN HEAD, BATTERY AND CHARGER, WALL MOUNTED

FIRE ALARM SYMBOLS

- STROBE LIGHT (WALL MOUNT CANDELA RATING AS NOTED) MOUNT AT +80" A.F.F. TO CENTER OF DEVICE OR 6" BELOW CEILING
- SPEAKER (WALL MOUNT CANDELA RATING AS NOTED) MOUNT AT +80" A.F.F. TO CENTER OF DEVICE OR 6" BELOW CEILING
- SPEAKER WITH STROBE LIGHT (WALL MOUNT CANDELA RATING AS NOTED) MOUNT AT +80" A.F.F. TO CENTER OF DEVICE OR 6" BELOW CEILING
- DH DOOR HOLDER
- P FIRE ALARM MANUAL PULL STATION WITH HINGED COVER AND NO BREAKGLASS. MOUNT AT +46" A.F.F. TO CENTER OF DEVICE
- S AREA SMOKE DETECTOR (C = CEILING MOUNTED) (U = UNDER RAISED FLOOR)
- H AREA HEAT DETECTOR (C = CEILING MOUNTED)
- (S) DUCT SMOKE DETECTOR
- C FIRE ALARM CONTROL MODULE
- C FIRE/SMOKE DAMPER AND CONTROL MODULE
- FIRE ALARM POST INDICATING VALVE WITH TAMPER SWITCH
- FIRE PROTECTION FLOW DETECTOR/SWITCH
- FIRE PROTECTION TAMPER DETECTOR/SWITCH
- HORN ONLY
- HORN WITH STROBE
- I/M INTERFACE MODULE
- M MONITOR MODULE
- C VFD VARIABLE FREQUENCY DRIVE AND CONTROL MODULE
- MCC MOTOR CONTROL CENTER FOR AHU'S
- C COMBINATION STARTER AND CONTROL MODULE FOR AHU STATION
- EWSD EARLY WARNING SMOKE DETECTION PANEL
- EMERGENCY PUSH BUTTON
- E EMERGENCY PUSH BUTTON CONNECTED TO HPM/TOXIC GAS ALARM
- (D) HYDROGEN DETECTOR
- CEILING MOUNTED HYDROGEN SENSOR
- HAZARDOUS AREA CONDUIT SEAL OFF FITTING
- TOXIC GAS EVACUATION ALARM
- CEILING MOUNTED HORN WITH STROBE

CONTROL DIAGRAM SYMBOLS

- LIMIT SW. N.O.
- LIMIT SW. N.C.
- LIMIT SW. HELD OPEN
- LIMIT SW. HELD CLOSED
- TIMER CONTACT ON DELAY N.C.T.C.
- TIMER CONTACT ON DELAY N.C.T.O.
- THERMAL SW. N.O.
- THERMAL SW. N.C.
- PRESSURE SW. N.O.
- PRESSURE SW. N.C.
- LEVEL SW. N.O.
- LEVEL SW. N.C.
- FLOW SW. N.O.
- FLOW SW. N.C.
- NORMALLY CLOSE PUSHBUTTON (MOMENTARY)
- NORMALLY OPEN PUSHBUTTON (MOMENTARY)
- TIMER CONTACT OFF DELAY N.C.T.C.
- TIMER CONTACT OFF DELAY N.C.T.O.
- FOOT SW. N.O.
- FOOT SW. N.C.
- (G) PILOT LIGHT
- 2 – POSITION SELECT SWITCH
- 3 – POSITION SELECT SWITCH
- ILLUMINATED PUSH BUTTON
- PILOT LIGHT
- PILOT LIGHT, PUSH TO TEST
- RELAY COIL
- STARTER COIL WITH OVERLOAD

COMMUNICATIONS SYMBOLS

- COMBINATION TELEPHONE/DATA OUTLET AT +16" TO BOTTOM (OR AS NOTED)
- FLOOR MOUNTED TELEPHONE OUTLET
- X TELEPHONE OUTLET AT +16" TO BOTTOM (OR AS NOTED) (X INDICATES NUMBER OF JACKS, IF MORE THAN ONE)
- X DATA OUTLET AT +16" TO BOTTOM (OR AS NOTED) (X INDICATES NUMBER OF JACKS, IF MORE THAN ONE)

GROUNDING SYMBOLS

- TW GROUNDING ROD TEST WELL
- EXOTHERMIC WELD
- GROUND BUS
- EARTH/CHASIS GROUND
- GROUNDING RISER UP TO LIGHTNING PROTECTION

MISCELLANEOUS SYMBOLS

- 1 REVISION NOTE TAG.
- 1 1 KEYED NOTES

SINGLE LINE DIAG. SYMBOLS

- FUSE, RATING AS INDICATED
- GROUND WIRE EXTENDED AND CONNECTED TO APPROVED GROUND (#12 MINIMUM IF NOT SHOWN)
- 1/3 – POLE CIRCUIT BREAKER
- THERMAL OVERLOAD/HEATER ELEMENT
- TRANSFORMER
- CIRCUIT BREAKER, LOW VOLTAGE (AS SPECIFIED), DRAW-OUT TYPE
- FUSED DISCONNECT SWITCH
- CIRCUIT BREAKER, MEDIUM VOLTAGE (AS SPECIFIED), DRAW-OUT TYPE
- DISCONNECT SWITCH
- VFD VARIABLE FREQUENCY DRIVE
- STARTER

SPECIAL SYSTEMS SYMBOLS

- GB SECURITY SYSTEM GLASS BREAK SENSOR
- CR SECURITY SYSTEM CARD READER
- KP SECURITY SYSTEM KEYPAD
- MD MOTION DETECTOR
- MIC MICROPHONE JACK
- SPR SOUND SYSTEM SPEAKER JACK
- DS DOOR SWITCH
- TC TIME CLOCK
- CCTV SYSTEM CAMERA
- S INTERCOM SPEAKER

FIRE ALARM GENERAL NOTES

1. ALL INTERIOR CONDUIT SHALL BE 3/4" EMT, UNLESS NOTED OTHERWISE.
2. ALL EXTERIOR CONDUIT SHALL BE 3/4" RGS, UNLESS NOTED OTHERWISE.
3. ALL INSTALLATION SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA).
4. ALL WIRING FOR FIRE ALARM EVACUATION HORN/STROBES SHALL BE #12 THHN/THWN CU., UNLESS NOTED OTHERWISE.
5. ALL WIRING FOR FIRE ALARM EVACUATION SPEAKERS SHALL BE (1) #16 TWISTED SHIELDED PAIR CABLE, UNLESS NOTED OTHERWISE.
6. ALL WIRING FOR FIRE ALARM DATA LOOP SHALL BE (1) #18 TWISTED SHIELDED PAIR CABLE, UNLESS NOTED OTHERWISE.
7. NOT USED.
8. MANUFACTURER'S TESTING INSTRUCTIONS SHALL BE PROVIDED TO THE INSPECTOR AT THE TIME OF FINAL INSPECTION, FOR ALL HEAT AND SMOKE DETECTORS.
9. NOT USED.
10. ACCESS DOORS AND SIGNAGE SHALL BE PROVIDED FOR DUCT DETECTORS, AS REQUIRED.
11. INDICATING DEVICES AND CONTROL MODULES SHALL BE ACTIVATED WITHIN 30 SECONDS OF ACTIVATION OF AN INITIATING DEVICE.
12. PANELS AND JUNCTION BOXES FOR POWER LIMITED SYSTEMS SHALL BE LABELED TO INDICATE THAT LIMITATION.
13. ALL HORNS/SPEAKERS SHALL BE INSTALLED TO PROVIDE AN OUTPUT DECIBEL LEVEL OF 15 DB OVER AMBIENT NOISE.
14. ALL VISUAL ALARM DEVICES SHALL BE MOUNTED AT +80" AFF OR 6" BELOW CEILING WHICHEVER IS LOWER.
15. NO LSS SYSTEM CONDUITS SHALL BE ROUTED BELOW THE RAISED FLOOR.
16. ALL LSS CONDUIT SHALL BE RUN IN SERVICE BAYS UNLESS OTHERWISE AUTHORIZED BY THE PROJECT MANAGER. NO CONDUIT SHALL BE RUN IN THE CLEAN ROOM AREA UNLESS AUTHORIZED BY THE PROJECT MANAGER.
17. ALL LSS CONDUIT IN THE SERVICE BAYS RUNNING ALONG THE BACKSIDE OF A CLEAN ROOM WALL SHALL BE RUN VERTICALLY ONLY.

FIRE DEPT. NOTES

1. ALL FIRE ALARM SYSTEMS SHALL BE INSTALLED AND TESTED IN ACCORDANCE WITH APPLICABLE PROVISIONS OF NFPA, IFC, IBC AND ANSI STANDARDS.
2. ONE SET OF APPROVED DRAWINGS SHALL BE MAINTAINED ON-SITE AND MADE AVAILABLE TO CITY INSPECTORS ON DEMAND.
3. A CITY INSPECTOR SHALL WITNESS THE FINAL ACCEPTANCE TEST OF THE ALARM SYSTEM. CALL THE LOCAL FIRE DEPARTMENT TO SCHEDULE AN APPOINTMENT AT LEAST 72 HOURS IN ADVANCE.
4. FIRE PROTECTION SYSTEMS SHALL BE INSTALLED BY A CONTRACTOR LICENSED TO PERFORM SUCH WORK BY THE STATE OF COLORADO, AND WHO ALSO HOLDS A CURRENT PERMIT FROM THE LOCAL FIRE DEPARTMENT FOR SUCH WORK.
5. ELECTRICALLY OPERATED WATER FLOW ALARM DEVICES ATTACHED TO THE SPRINKLER SYSTEMS TO PROVIDE REQUIRED SUPERVISION SHALL BE INTERCONNECTED TO THE FIRE ALARM SYSTEM IN ACCORDANCE WITH THE APPROPRIATE NFPA STANDARD.
6. ALARM SYSTEMS SUPERVISION OF SPRINKLER SYSTEM TROUBLE AND WATER FLOW INDICATIONS IN BUILDINGS MORE THAN ONE STORY HIGH, SHALL BE PROVIDED BY THE FIRE ALARM SYSTEM IN ACCORDANCE WITH NFPA 13.

ELECTRICAL GENERAL NOTES

1. ALL ELECTRICAL SHALL BE INSTALLED IN ACCORDANCE WITH 2012 IBC, 2012 IECC, 2011 NEC, ALL APPLICABLE LOCAL CODES, AND AS DIRECTED BY THE PROJECT ENGINEER.
2. ALL ELECTRICAL WORK REQUIRES CITY INSPECTION. ELECTRICAL WORK COVERED OR ENCLOSED PRIOR TO CITY ELECTRICAL INSPECTION SHALL BE UNCOVERED FOR INSPECTION AND REPLACED AT NO EXPENSE.
3. BID ALTERNATE – EXISTING CONDITIONS OBSERVED AND IDENTIFIED DURING THE PREBID SITE INSPECTION THAT ARE NOT ACCORDING TO THE LATEST CODE REQUIREMENTS AND ARE NOT NOTED ON THE DESIGN DRAWINGS SHALL BE INCLUDED WITH THE BID SUBMITTAL AS AN ALTERNATE.
4. ALL CONDUIT SHALL CONTAIN A CODE SIZE GROUND WIRE (#12 AWG MINIMUM).
5. ALL CONDUIT RUNS TO BE MECHANICALLY AND ELECTRICALLY CONTINUOUS AND RUN PARALLEL AND/OR PERPENDICULAR TO BUILDING LINES.
6. ALL WIRE SPLICES, TAPS AND JOINTS SHALL BE MADE WITH APPROVED COMPRESSION TYPE CONNECTORS. "SCOTCH-LOK" TYPE CONNECTORS ARE APPROVED FOR CONNECTION TO LIGHT FIXTURES ONLY.
7. THE CONTRACTOR SHALL REPLACE AND/OR REPAIR ALL WALLS, CEILINGS, DOORS, EQUIPMENT, WIRING, CONDUIT, ETC., WHICH ARE DAMAGED OR REMOVED BY CONTRACTOR TO THE SATISFACTION OF THE PROJECT ENGINEER.
8. ALL LAY-IN TYPE LIGHT FIXTURES SHALL BE SECURED WITH SCREWS IN ALL 4 CORNERS AND WITH 2 SLACK WIRES ON DIAGONAL CORNERS, PER NEC AND IBC REQUIRMENTS.
9. NOT USED.
10. ALL MATERIALS SHALL BE NEW AND UNUSED, AND OF THE BEST QUALITY. ALL MATERIAL INSTALLED SHALL BE U.L. LISTED OR AS REQUIRED BY LOCAL BUILDING CODES.
11. ALL CONDUIT ROUTED THROUGH THE ROOF OR OUTSIDE WALL SHALL BE MADE WATERTIGHT.
12. ALL CONCRETE AND BLOCK WALL PENETRATIONS SHALL BE CORE DRILLED.
13. THE CONTRACTOR SHALL PROVIDE ALL FUSES AND CIRCUIT BREAKERS WHERE REQUIRED BY THE NEW CONSTRUCTION DOCUMENTS.
14. VERIFY VOLTAGE, CURRENT AND PHASES FOR ALL EQUIPMENT TO BE INSTALLED INCLUDING OWNER FURNISHED EQUIPMENT. VERIFY PROPER ROTATION AS DIRECTED BY THE PROJECT ENGINEER PRIOR TO ENERGIZING MOTOR DRIVEN EQUIPMENT.
15. ALL EMERGENCY CIRCUIT J-BOX COVERS TO BE PAINTED BLUE AND THE CONDUIT TO HAVE A BLUE STRIPE EVERY 30'-0". UNLESS NOTED OTHERWISE EMERGENCY AND NORMAL CIRCUITS SHALL NOT SHARE THE SAME BOX OR CONDUIT.
16. ALL ELECTRICAL PANELS, DISCONNECTS, CABINETS, CONTROLS, RECEPTACLES, J-BOXES, ETC. SHALL BE MARKED, TAGGED AND IDENTIFIED. NOTE FEEDER SOURCE WHERE APPLICABLE.
17. POWER ACTIVATED ANCHORS ("RAMSET") SHALL NOT BE USED WITHIN ANY BUILDINGS OR STRUCTURES.
18. CONTRACTOR SHALL FIELD VERIFY ROUTING/LOCATION OF ALL CONDUIT AND EQUIPMENT PRIOR TO ORDERING MATERIALS.
19. CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES AS REQUIRED.
20. CONTRACTOR SHALL PROVIDE ALL MATERIALS EXCEPT AS NOTED AND MAKE ALL NECESSARY CONNECTIONS TO NEWLY INSTALLED EQUIPMENT.
21. THE OWNER MUST APPROVE ALL POWER AND/OR SAFETY SYSTEM OUTAGES REQUIRED TO COMPLETE THE PROJECT.
22. UPON COMPLETION OF THE PROJECT, ALL CHANGES SHALL BE DOCUMENTED, AND REDLINED AS-BUILT DRAWINGS SHALL BE TURNED OVER TO THE OWNER BY THE CONTRACTOR.
23. NOT USED.
24. CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL EXISTING UNUSED CONDUIT AND J-BOXES AND REUSE THE SAME AS NECESSARY.
25. ALL WIRING SHALL BE DUAL RATED THHN/THWN STRANDED COPPER UNLESS NOTED OTHERWISE.
26. WIRE COLOR CODE:

A)

	208Y/120V	480Y/277V
PHASE A	BLACK	BROWN
PHASE B	RED	ORANGE
PHASE C	BLUE	YELLOW
NEUTRAL	WHITE	GRAY
GROUND	GREEN	GREEN
ISOLATED/GROUND	GREEN/YELLOW	GREEN/YELLOW

B)

EXTERNALLY ENERGIZED CONTROL WIRE	RED
CONTROL	WHITE
NEUTRAL	BLACK
POWER	GREEN
GROUND	YELLOW

27. TELEPHONE AND DATA CABLE:
    A) IN SHOP AREAS-THE CONTRACTOR SHALL PULL ALL TELEPHONE AND DATA CABLE AS FURNISHED BY THE OWNER AND COIL 15 FEET AT EACH END. MARK AND TAG BOTH ENDS AS DIRECTED BY THE PROJECT ENGINEER.
    B) IN OFFICE AREAS-INSTALL OUTLET BOX FOR TELEPHONE AND DATA WHERE SHOWN ON THE DRAWINGS AND PROVIDE PULL STRING FROM OUTLET BOX TO ABOVE CEILING. PUNCH HOLES THROUGH CROSS MEMBERS, INSTALL GROMMETS AND ROUTE PULL STRING THROUGH GROMMETS, CABLE TO BE INSTALLED BY OWNER.
28. PRIME AND PAINT ALL EXPOSED UNFINISHED METAL PARTS, AS DIRECTED BY THE PROJECT ENGINEER.
29. ALL MOUNTINGS HEIGHTS FOR BOXES ARE FROM FINISHED FLOOR TO THE CENTER OF BOX, UNLESS OTHERWISE NOTED.
30. ALL TRASH AND DEBRIS SHALL BE REMOVED FROM THE BUILDING AT THE END OF EACH DAY OR AS DIRECTED BY THE CONSTRUCTION COORDINATOR.
31. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
32. 4" HOUSE KEEPING PADS SHALL BE FURNISHED FOR ALL FLOOR MOUNTED ELECTRICAL EQUIPMENT, BY OTHERS.
33. REFER TO INSTRUMENTATION AND CONTROL DRAWINGS FOR MOTOR STARTER SCHEMATICS.
34. REFER TO ARCHITECTURAL DRAWINGS FOR AREA OF CLASSIFICATION.

FOR BID ONLY

NOTE:

NOT ALL SYMBOLS, ABBREVIATIONS AND NOTES APPLY TO THIS PROJECT.

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ISSUE/REVISION RECORD

DATE	DESCRIPTION
01/19/15	PERMIT SET

PROFESSIONAL SEAL

PROFESSIONAL IN CHARGE
GUIDO INOA ALVAREZ

PROJECT MANAGER
GUIDO INOA ALVAREZ

QUALITY CONTROL
GUIDO INOA ALVAREZ

DRAWN BY
FREDDY LEE

PROJECT NAME

CIRCLE K STORES, INC. CAR WASH

COLORADO SPRINGS COLORADO

E. FOUNTAIN BLVD & ACADEMY PARK LOOP

CIRCLE K STORES INC.

PROJECT NUMBER
20130780

SHEET TITLE
SYMBOLS, ABBREVIATIONS & GENERAL NOTES

SHEET NUMBER
E0.0-CW

Drawing Name: P:\2013\201307800\520 Electrical Construction Documents AT EE\CAR-WASH\Produced\20130343_E00-CW.dwg Last Modified: Jan 20, 2015 – 2:14pm Plotted on: Jan 21, 2015 – 4:26pm by galvare