1. PERMITS AND INSPECTIONS REQUIRED BY LEGAL AUTHORITIES SHALL BE OBTAINED.
2. ALL WORK AND MATERIALS SHALL BE IN FULL COMPLIANCE WITH THE LATEST AND MOST STRINGENT APPLICABLE CODE OR REGULATION.
3. THE CONDITION OF THE PREMISES ON WHICH THE WORK IS PERFORMED AND THE SAFETY OF ALL PERSONS AND PROPERTY DURING THE PERFORMANCE OF THE CONTRACT SHALL BE OBSERVED.
4 ALL WORK SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE BY THE OWNER.
5. ALL NEW ELECTRICAL EQUIPMENT + MATERIALS SHALL BE LISTED, LABELED AND INSTALLED PER RECOGNIZED ELECTRICAL TESTING LABORATORY.
6. EQUIPMENT GROUNDING CONDUCTORS AND GROUNDING ELECTRODE CONDUCTORS ...LE 250.
ALUMINUM CONDUCTORS SHALL NOT BE USED AS GROUNDING CONDUCTORS.
7. ALL GROUNDING SHALL BE IN FULL COMPLIANCE WITH N.E.C. ARTICLE 250. GROUNDING OF THE BUILDING'S ELECTRICAL SERVICE SHALL ALSO COMPLY WITH UTILITY CO. REQUIREMENTS.
8. ALL NEW ELECTRICAL PENETRATIONS OF ROOF OR EXTERIOR WALL, SHALL BE FLASHED AND MADE WATER-TIGHT.
9. 'PROVIDE' INDICATES ITEM FURNISHED, INSTALLED AND CONNECTED.
10. FUSES USED IN FUSIBLE DISCONNECT SWITCHES SHALL BE RATED PER NAMEPLATE DATA OF THE CONNECTED EQUIPMENT.
11. JUNCTION BOXES, DISCONNECT SWITCHES AND DEVICES INSTALLED ON ROOF OR AT BUILDING'S EXTERIOR, SHALL BE WEATHER-PROOF.
12. ALL CONDUCTORS SHALL BE COPPER, WITH TYPE THHN/THWN, 600V INSULATION. CONDUCTORS USED WHERE AMBIENT TEMPERATURES ARE 32° F AND LESS SHALL BE COPPER, WITH TYPE XHHW, 600V INSULATION.
13. FUSES USED FOR LIGHTING LOADS SHALL BE CURRENT LIMITING FAST ACTING, CLASS T TYPE JJN (300V.), JJS (600V.) FOR 0-1200A. OR CLASS RK1, TYPE KTN (250V.), TYPE KTS (600V.) FOR 0-600A.
FUSES FOR TRANSFORMERS AND MOTOR LOADS SHALL BE DUAL ELEMENT TIME DELAY, CLASS RK5 TYPE LPN-RK (250V.) OR LPS-RK (600V.) FOR 0-600A.
14. THE FOLLOWING WIRING METHODS ARE ACCEPTABLE FOR THIS PROJECT:
A:) ELECTRICAL METALLIC TUBING (EMT):
* INTERIOR INSTALLATIONS - EITHER CONCEALED OR EXPOSED,
FITTINGS MAY BE SET-SCREW TYPE, OR COMPRESSION TYPE.
* EXTERIOR INSTALLATIONS - EXPOSED AND ABOVE GROUND.
FITTINGS SHALL BE COMPRESSION TYPE, LISTED FOR OUTDOOR USE.
B:) FLEXIBLE METALLIC CONDUIT (FMC):
* INTERIOR INSTALLATIONS ONLY - EITHER CONCEALED OR EXPOSED.
FITTINGS SHALL BE SCREW-IN TYPE.
MAY USE ALUMINUM TYPE FMC, OR STEEL TYPE FMC, AS PREFERRED.
MAY BE USED FOR FLEXIBLE CONNECTIONS TO TRANSFORMERS, MOTORS, AND OTHER VIBRATING EQUIPMENT (INTERIOR USE ONLY).
C:) LIQUID-TIGHT FLEXIBLE METALLIC CONDUIT (LFMC), AND LIQUID-TIGHT FLEXIBLE NON-METALLIC CONDUIT (LFNC):
* INTERIOR INSTALLATIONS - EITHER CONCEALED OR EXPOSED,
* EXTERIOR INSTALLATIONS - EXPOSED AND ABOVE GROUND.
MAY BE USED FOR FLEXIBLE CONNECTIONS TO TRANSFORMERS, MOTORS, AND OTHER VIBRATING EQUIPMENT (INTERIOR OR EXTERIOR USE).
D:) METAL-CLAD CABLE (MC):
* INTERIOR CONCEALED INSTALLATIONS ONLY.
FITTINGS SHALL BE "SCREW" TYPE (SET-SCREW, TWO-SCREW, AND SIMILAR). THE USE OF INSULATING BUSHING INSERTS WITH FITTINGS IS SUGGESTED. MC MAY BE USED FOR FLEXIBLE CONNECTIONS TO TRANSFORMERS, MOTORS, AND OTHER VIBRATING EQUIPMENT, WHERE CONCEALED OR NOT READILLY ACCESSIBLE (INTERIOR USE ONLY).

GALVANIZED RIGID METAL CONDUIT (RMC), INTERMEDIATE METAL CONDUIT (IMC), AND PVC SCHEDULE 40 / SCHEDULE 80 RIGID NON-METALLIC CONDUIT (RNC), MAY BE USED AS SUBSTITUTE TO THE ABOVE ITEMS WHERE APPLICABLE, AND WHEN REQUIRED BY CODE(S), PER SPECIFIC CONDITIONS.

THE FOLLOWING WIRING METHODS ARE NOT ACCEPTABLE FOR THIS PROJECT:
* NON METALLIC SHEATHED CABLES: TYPES NM AND NMC,
* ARMORED CABLE: TYPE AC (AKA "BX"),
* ELECTRICAL NON-METALLIC TUBING (ENT).

15. FLEXIBLE CONDUIT SHALL BE USED FOR CONNECTIONS TO MOTORS AND VIBRATING EQUIPMENT. EXPANSION COUPLINGS SHALL BE USED AT BUILDING EXPANSION JOINTS.
16. NON-METALIC BUSHINGS OR INSULATED BUSHINGS SHALL BE PROVIDED FOR THE FOLLOWING CONDUIT TERMINATIONS:
* WHERE RACEWAYS CONTAIN UNGROUNDED CONDUCTORS SIZED #4 AND LARGER,
* RACEWAYS CONTAINING CONDUCTORS OF ANY SIZE, WHICH CONNECT TO MOTORS, TRANSFORMERS OR OTHER VIBRATING EQUIPMENT.

WHERE RACEWAYS TERMINATE THROUGH THREADED HUBS OR BOSSES THAT PROVIDE A SMOOTHLY ROUNDED OR BUSHED ENTRY FOR CONDUCTORS, NON-METALLIC BUSHINGS OR INSULATED BUSHINGS WILL NOT BE REQUIRED.
17. THE ELECTRICAL REQUIREMENTS FOR MECHANICAL EQUIPMENT HAVE BEEN SUPPLIED BY THE REFRIGERATION CONTRACTOR, AND HAVE BEEN USED FOR THE BASES OF ELECTRICAL DESIGN FOR THIS PLAN SET.
18. ALL NEWLY INSTALLED LIGHTING FIXTURES, LAMPS, BALLASTS, TIMERS, ETC. SHALL COMPLY WITH THE REQUIREMENTS OF THE 2008 VERSION OF CALIFORNIA ENERGY CONSERVATION CODE ("CEC") NONRESIDENTIAL COMPLIANCE STANDARDS.
19. ALL LIQUIDTIGHT FLEXIBLE METAL CONDUIT (LFMC), AND FLEXIBLE METAL CONDUIT (FMC), SHALL INCLUDE AN EQUIPMENT GROUNDING CONDUCTOR SIZED PER NEC ARTICLE 250, PART 6 (VI), TABLE 250.122 NO MATTER WHAT LENGTH.
20. UNUSED.
21. DESIGN DRAWINGS ARE DIAGRAMMATIC ONLY AND SHALL BE FOLLOWED AS CLOSELY AS ACTUAL CONSTRUCTION CONDITIONS WILL PERMIT. ANY ERROR, OMISSION OR DESIGN DISCREPANCY SHOULD BE BROUGHT TO THE ATTENTION OF THE ELECTRICAL DESIGNER, FOR CLARIFICATION OR CORRECTION AS NECESSARY. CONTACT: EYEAR A. INJUNEAR AT: (000) 000-4321.
22. NOTHING ON THE DESIGN DRAWINGS SHALL BE DEEMED AS PERMISSION TO VIOLATE THE LATEST AND MOST STRINGENT APPLICABLE CODE OR REGULATION.
23. IT IS THE INTENTION OF THESE PLANS AND SPECIFICATIONS TO MAKE A COMPLETE AND OPERABLE INSTALLATION. ALL LABOR, MATERIALS, EQUIPMENT OR SERVICES TO ACCOMPLISH THIS RESULT, SHALL BE PROVIDED.
24. UNUSED.
25. UNUSED.
26. NO PIPING, DUCTS, OR EQUIPMENT FOREIGN TO ELECTRICAL EQUIPMENT SHALL BE PERMITTED TO BE LOCATED WITHIN 25 FEET OF THE FLOOR OR TO THE STRUCTURE CEILING ABOVE THE SPACE OF ELECTRICAL EQUIPMENT.
27. UNUSED.
28. FUSES SHALL BE PROVIDED WITH REJECTION TYPE FUSE HOLDERS. PER N.E.C. ART. 240.60(B), WHERE APPLICABLE.
29. UNUSED.
30. PROVIDE COPPER GROUNDING CONDUCTORS FOR ALL FLEXIBLE METAL CONDUIT, NO MATTER WHAT LENGTH.
31. UNUSED.
32. UNUSED.
33. ALL INTERIOR UNDERGROUND CONDUIT SHALL BE UNDER SLAB.
34. THE MEANS OF EGRESS SERVING ANY OCCUPIED PORTION OF THE BUIDING SHALL BE ILLUMINATED TO AN INTENSITY OF NOT LESS THAN ONE (1) FOOT-CANDLE AT THE FLOOR LEVEL. IN THE EVENT OF POWER LOSS TO ILLUMINATION POWER SUPPLY, AUTOMATIC ILLUMINATION SHALL BE PROVIDED BY A BATTERY BACK-UP SYSTEM. THIS APPLIES REGARDLESS OF OCCUPANT LOAD. IBC SECTION 1003.2.9.1, IMC SECTION 15.04.140.
35. THE PATH OF EXIT TRAVEL TO AND WITHIN EXISTS IN A BUILDING, SHALL BE IDENTIFIED BY EXIT SIGNS CONFORMING TO THE REQUIREMENTS OF IBC, SECTION 1003.2.8. LOCATION OF EXIT SIGNS SHALL BE IN ACCORDANCE WITH WITH IBC SECTION 1003.2.8.2
36. COORDINATE ELECTRICAL INSPECTION CRITERIA WITH THE ELECTRICAL INSPECTOR.

INSPECTOR'S ARRIVAL (APPROVED ELECTRICAL SET, JOB CARD, RELEVANT SPECIFICATION SHEETS, EQUIPMENT MANUALS, AND SIMILAR). A COPY OF CA. ELECT. CODE, VERSION 2007 SHOULD BE AVAILABLE FOR REVIEW. INSPECTION REQUEST LINE INFORMATION IS LOCATED UNDER "CONTACTS LIST" ON THIS SHEET.
37. PROVIDE WORKING CLEARANCES AT NEWLY INSTALLED EQUIPMENT, PER NEC 110.26
38. SEPARATELY DERIVED SYSTEMS SHALL BE GROUNDED PER NEC ARTICLE 250.30, AND AS DETAILED WITHIN THIS PLAN SET.
39. TORQUING OF TERMINATIONS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS, SHALL BE PERFORMED AS REQUESTED BY ELECTRICAL INSPECTOR. LUG TORQUING REQUIRED FOR CIRCUITS SIZED 100 AMP AND LARGER. INSPECTORS REQUIRE THE TORQUING BE DONE IN THEIR PRESENCE. LABEL AND PROOF OF TORQUE IS REQUIRED PRIOR TO FINAL. REF. NEC 110.3(B).
40. UNUSED.

BONDING OF RACEWAY FOR CIRCUITS OVER 250 VOLT

KNOCKOUTS ARE ENCOUNTERED.

THESE INSTALLATIONS + PERMITS SHALL BE THE RESPONSIBILITY OF OTHERS.

1 GENERAL NOTES
E-1.0 SCALE: NOT TO SCALE

APPLICABLE CODES

2007 CEC	CALIFORNIA ELECTRICAL CODE, VERSION 2007 (CCR TITLE 24, PART 3) BASED ON 2005 NEC (AMENDMENTS TO NEC "MODEL CODE")
2005 NEC	NATIONAL ELECTRICAL CODE, VERSION 2005 (NFPA 70) "MODEL CODE" FOR BASES OF 2007 CEC
2008 CEC	CALIFORNIA ENERGY CODE, VERSION 2008 (CCR TITLE 24, PART 6) ENERGY CONSERVATION COMPLIANCE.

--- ADDITIONAL CODES, RELEVANT TO THIS PROJECT'S SCOPE OF WORK ---

2007 CBC	CALIFORNIA BUILDING CODE, VERSION 2007 (CCR TITLE 24, PART 2; ADMINISTRATIVE CODE = PART 1) BASED ON 2006 IBC (AMENDMENTS TO IBC "MODEL CODE")

2 APPLICABLE CODES
E-1.0 SCALE: NOT TO SCALE

CONTACTS LIST
(+ INSPECTION REQUESTS)

CLIENT:
LARRY, MOE & CURLEY COLD STORAGE
00086 THOYTEE-THOYED AVE.
TRIPLESTOOGE, CA. 987654-0123
CONTACT: SHEMP HOWARD - BROOM PUSHER: (000) 000-1001

ARCHITECT (CLIENT'S AGENT):
WEECAN-DRAWEM ARCHITECTS
0001 WILDWAY2GO ST., SUITE P. NOTHERE, CA. 987456-7899
(000) 000-0010 FAX: (000) 000-0011
CONTACT: ARRR U. AVAILABLE - PROJECT COORDINATOR

GENERAL CONTRACTOR:
CANWE-BUILDEM CONSTRUCTION, INC.
0012 GETINTHECARAND DRIVE, WHERETO, CA. 912345-6580
(000) 000-0032 FAX: (000) 000-0033
CONTACT: HOWEE HELPS - COLD STORAGE DIVISION.

REFRIGERATION CONTRACTOR:
SO COLD EETHURTS REFRIGERATION CONSTRUCTORS
003002 WHICH WAY. SANTA BANANA, CA. 999999-9999
(000) 000-3210 FAX: (000) 000-3211
CONTACT: FROSTY D. SNOWMAN - PROJECT MANAGER

ELECTRICAL CONTRACTOR:
EEEYOWCH ELECTRIC SERVICE
5150 N. SOUTHWESTALLEYOVRTHERE ST., EAST.
INTHASTATEOF, KALEEFORNIAYAYE. 987654-3210
(800) 555-1212 voice, (000) 867-5309 fax
CONTRACTOR LICENSE No.: C10-000 OU812 EXP. 2/35/20118
ELECTRICAL CONTRACTOR: JOSE CANUSEE (000) 000-1234
ELECTRICAL DESIGNER: EYEAR A. INJUNEAR (000) 000-4321

BUILDING DEPARTMENT (AHJ):
CITY OF TRIPLESTOOGE, CA., CIVIC CENTER
BUILDING DEPARTMENT
00000 EAST "B434" STREET. TRIPLESTOOGE, CA. 987000-02586
TELEPHONE: *(000) 000-0000*
FAX: *(000) 000-0001*
INSPECTORS: *(000) 000-0050*
REQUEST INSPECTION: *(000) 000-0100*
PLAN CHECK & COUNTER SERVICES: *(000) 000-0075*

CONSTRUCTION INSPECTION REQUESTS: (000) 000-0100
PROVIDE THE FOLLOWING INFORMATION WITH INSPECTION REQUESTS:
- *PERMIT NUMBER,*
- *COMPLETE ADDRESS, INCLUDING SUITE NUMBERS,*
- *TYPE OF INSPECTION (ELECTRICAL),*
- *DATE TO PERFORM INSPECTION*
- *NAME AND TELEPHONE NUMBER (CELLULAR NUMBER PREFERRED), OF CONTACT PERSON,*
- *ANY SPECIFIC INSTRUCTION FOR THE INSPECTOR (OPTIONAL)*

NOTE: 24-HOUR NOTICE REQUIRED FOR ALL FIELD INSPECTIONS

BUILDING DIVISION OFFICE HOURS:
MONDAY THROUGH THURSDAY: 7:30 AM TO 5:30 PM
FRIDAY: 8:00 AM TO 5:00 PM

3 CONTACTS LIST
E-1.0 SCALE: NOT TO SCALE

TENANT ACTIVITY & SPECIAL CONDITIONS
TENANT ACTIVITY: RETAIL MANUFACTURING & WAREHOUSE
SPECIAL CONDITIONS: NO SPECIAL CONDITION INVOLVED WITH THIS TENANT

4 TENANT ACTIVITY
E-1.0 SCALE: NOT TO SCALE

TABLE OF CONTENTS: ELECTRICAL PLAN SET

5 TABLE OF CONTENTS
E-1.0 SCALE: NOT TO SCALE

SPECIFIC NOTES: CITY OF TRIPLESTOOGE, CA.

1. EQUIPMENT GROUNDING CONDUCTORS AND GROUNDING ELECTRODE CONDUCTORS TO BE COPPER ONLY.
2. THE FOLLOWING COLOR CODING OF CONDUCTORS IS TO BE OBSERVED:
(A) 480Y/277V 3Ø 4 WIRE SYSTEM (WYE):
PHASE "A": BROWN
PHASE "B": ORANGE
PHASE "C": YELLOW
GROUNDED (NEUTRAL) CONDUCTOR: GRAY
(B) 208Y/120V 3Ø 4 WIRE SYSTEM (WYE):
PHASE "A": BLACK
PHASE "B": RED
PHASE "C": BLUE
GROUNDED (NEUTRAL) CONDUCTOR: WHITE
(C) EQUIPMENT GROUNDING CONDUCTORS ("EGC"): GREEN
INSULATED CONDUCTORS ONLY
(NO "BARE" EQUIPMENT GROUNDING CONDUCTORS SHALL BE USED).
3. ALL TERMINATIONS FOR ALUMINUM CONDUCTORS SHALL BE HYPRESS TYPE TERMINATIONS.
4. ALL LIQUIDTIGHT FLEXIBLE METAL CONDUIT (LFMC, OR "SEALTITE"), AND FLEXIBLE METAL CONDUIT (FMC), SHALL INCLUDE AN INSULATED EQUIPMENT GROUNDING CONDUCTOR, SIZED PER NEC ARTICLE 250, PART 6 (VI), TABLE 250.122.
5. ALL ELECTRICAL EQUIPMENT SHALL BE LISTED BY U.L., OR BY AN APPROVED THIRD PARTY TESTING FACILITY. REFERENCE: NEC ARTICLE 110, SECTION 110.3(B).
6. THE LIGHTING LEVEL FOR EMERGENCY EGRESS LIGHTING AT EGRESS (EXIT) POINTS, SHALL BE NO LESS THAN 1.0 fc (FOOT-CANDLE) AT THE FLOOR LEVEL.
7. ALL CONDUCTORS SHALL BE COPPER, WITH TYPE THHN/THWN, 600V INSULATION. CONDUCTORS USED WHERE AMBIENT TEMPERATURES ARE 32° F AND LESS, SHALL BE COPPER WITH TYPE XHHW, 600V INSULATION.

6 SPECIFIC ELECTRICAL NOTES
E-1.0 SCALE: NOT TO SCALE

A. 10/19/2010: DESIGN DEVELOPMENT REVIEWS (DISTRIBUTION SET)
△1 10/22/2010: Q.C. REVISIONS - PER SCE
SUB CONTRACTOR CHANGES: ADDED EXTERIOR TEMPERATURE SENSOR AND HUMIDITY SENSOR

7 PLAN SET VERSION
E-1.0 SCALE: NOT TO SCALE

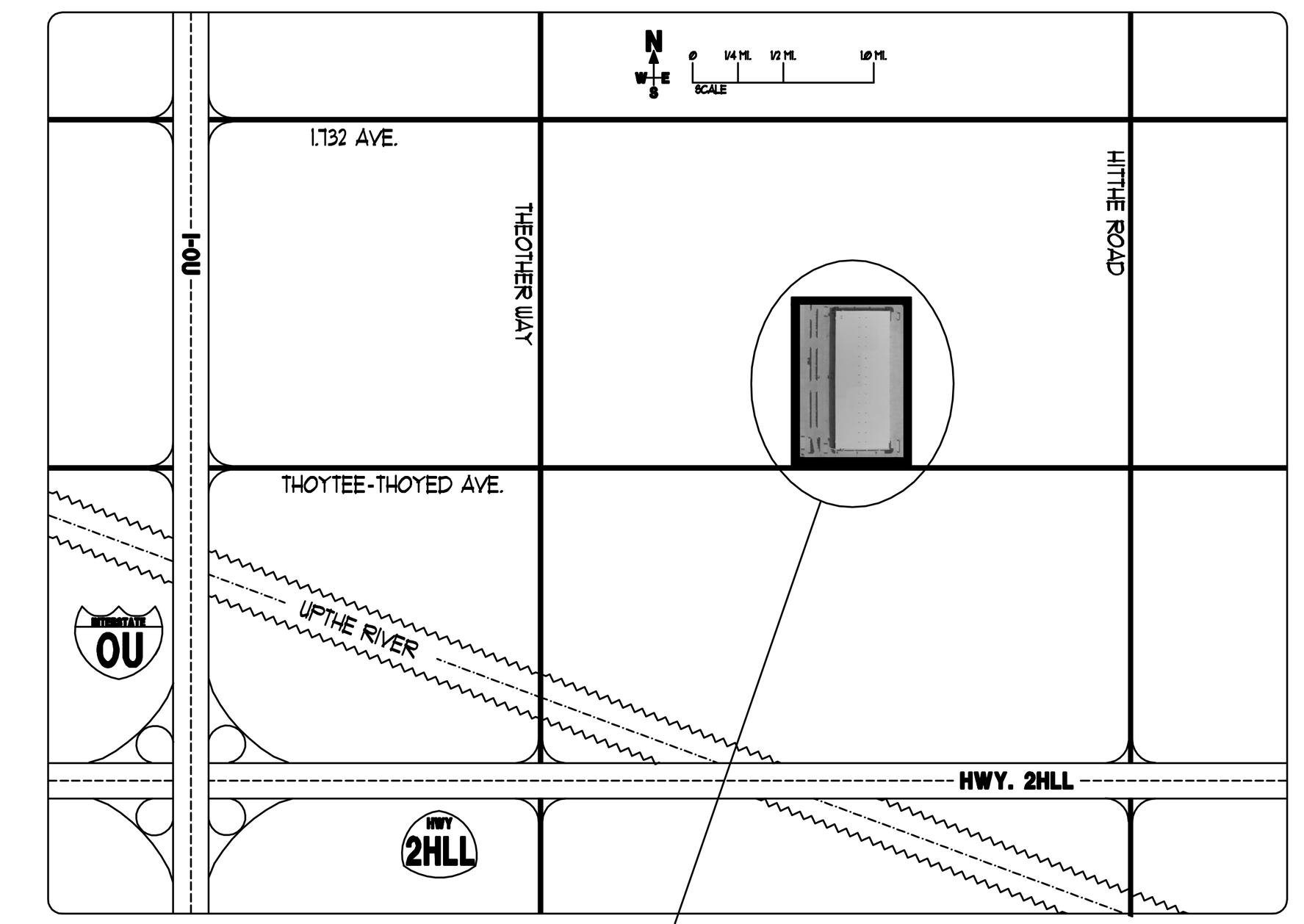
LICENSED ELECTRICAL CONTRACTOR DESIGNER & INSTALLER DECLARATION:

PURSUANT TO THE CALIFORNIA BUSINESS AND PROFESSIONS CODE DIVISION 3, SECTION 6737.3:
THIS DOCUMENT HAS BEEN CREATED BY THE LICENSED ELECTRICAL CONTRACTOR, THAT HAS BEEN CONTRACTED TO PERFORM THE INSTALLATION OF ELECTRICAL SYSTEMS SHOWN WITHIN THIS DOCUMENT.
ELECTRICAL SYSTEMS DESIGNS ARE IN ACCORDANCE WITH APPLICABLE CONSTRUCTION CODES AND STANDARDS, FOR WORK TO BE PERFORMED AND SUPERVISED BY THE CONTRACTOR, WITHIN THE CLASSIFICATION FOR WHICH HIS / HER LICENSE IS ISSUED.

- EEEYOWCH ELECTRIC SERVICE. 5150 N. SOUTHWESTALLEYOVRTHERE ST. EAST INTHASTATEOF, KA. 987654-3210. (800) 555-1212 LICENSE: C-10 000OU812 EXPIRY DATE: 02/35/20118

- JOSE CANUSEE; ELECTRICAL CONTRACTOR (000) 000-1234 — 00/00/2010 DATE
- EYEAR A. INJUNEAR; DOCUMENT CREATOR (000) 000-4321 — 00/00/2010 DATE

8 CONTRACTOR DESIGNER-BUILDER DISCLAIMER
E-1.0 SCALE: NOT TO SCALE



LOCATION OF PROJECT:
LARRY, MOE & CURLEY COLD STORAGE
TRIPLESTOOGE DISTRIBUTION CENTER
00086 THOYTEE-THOYED AVE.
TRIPLESTOOGE, CA. 987654-0123

9 VICINITY MAP: 00086 THOYTEE-THOYED AVE. TRIPLESTOOGE, CA. 987654-0123
E-1.0 SCALE: NOT TO SCALE

SCOPE OF WORK

1. INSTALL NEW ELECTRICAL POWER, LIGHTING AND REFRIGERATION CONTROL CIRCUITS FOR (3) NEW COLD ROOMS:
A: -10° F FREEZER
B: +36° F COOLER
C: +40° F LOADING DOCK
NEW COLD ROOMS IN EXISTING WAREHOUSE.

2. SUPPLY AND INSTALL:
(2) NEW PANELBOARDS & FEEDERS,
(1) NEW TRANSFORMER & FEEDER.
a: (1) NEW 480Y/277V 3Ø 4 WIRE 200 AMP MLO PANELBOARD "MH", W/ NEW 200 AMP PANELBOARD FEEDER...
(FED FROM NEW 1200 AMP DIST. SECTION "DB-1", SUPPLIED & INSTALLED BY OTHERS)
b: (1) NEW 480V x 208Y/120V 3Ø 4 WIRE 45 KVA TRANSFORMER "T-ML", W/ NEW 70 AMP PRIMARY FEEDER...
(FED FROM NEW 1200 AMP DIST. SECTION "DB-1", SUPPLIED & INSTALLED BY OTHERS)
c: (1) NEW 208Y/120V 3Ø 4 WIRE 125 AMP MCB PANELBOARD "ML", W/ NEW 125 AMP PANELBOARD FEEDER...
(FED FROM SECONDARY OF NEW 45 KVA TRANSFORMER "T-ML")
*** NOTE: NEW SECTION "DB-1" AND FEEDER FOR "DB-1" SUPPLIED AND INSTALLED BY OTHERS (NOT IN EEEYOWCH ELECTRIC'S SCOPE OF WORK)

3. INSTALL ELECTRICAL POWER AND CONTROL CIRCUITS, FOR NEW EXTERIOR LOCATED REFRIGERATION EQUIPMENT:
a: NEW REFRIGERATION EQUIPMENT RACK "RK-1",
b: NEW EVAPORATIVE CONDENSER "EC-1".
NEW BRANCH CIRCUITS FOR "RK-1" AND "EC-1" DERIVED FROM SECTION "DB-1"
(REFRIGERATION EQUIPMENT SUPPLIED AND INSTALLED BY OTHERS)

4. CONNECTIONS TO (1) NEW GLYCOL SYSTEM, LOCATED NEAR LOADING DOCK:
a: NEW 480V 3Ø 30 AMP CIRCUIT FOR 18.0 KW GLYCOL HEATER (FROM PANEL "MH"),
b: NEW 120V 20 AMP CIRCUIT FOR 1/2 HP GLYCOL PUMP (FROM PANEL "ML")
(GLYCOL EQUIPMENT SUPPLIED AND INSTALLED BY OTHERS)

5. AIR UNIT POWER CIRCUITRY; FROM RACK "RK-1" TO COLD ROOMS:
a: CONDUIT, WIRING, DISCONNECT AND TERMINATIONS FOR EVAPORATOR FANS,
b: CONDUIT, WIRING, DISCONNECT AND TERMINATIONS FOR DEFROST HEATERS.

6. REFRIGERATION CONTROL CIRCUITRY; FROM RACK "RK-1" TO COLD ROOMS:
a: CONDUIT, WIRING AND TERMINATIONS FOR TEMPERATURE PROBES,
b: CONDUIT, WIRING AND TERMINATIONS FOR SOLENOID VALVES,
c: CONDUIT, WIRING AND TERMINATIONS FOR DEFROST TERMINATIONS.
d: CONDUIT, WIRING AND TERMINATIONS FOR HUMIDITY SENSORS.

7. NEW INDOOR LIGHTING AND CONTROLS:
a: NEW LIGHTING CONTROL PANEL "LCP-1",
b: 4 FOOT 6 LAMP T5HO SURFACE MOUNTED FIXTURES IN COLD ROOMS,
c: BI-LEVEL SWITCHING FOR NEW LIGHTING FIXTURES,
d: ILLUMINATED EXIT SIGNS AT MAN DOORS,
e: EMERGENCY BALLASTS INSTALLED IN "NIGHT LIGHTS",
f: AUTOMATIC SHUT-OFF CONTROLS VIA TIMECLOCK & LIGHTING CONTACTORS,
g: LOW VOLTAGE SWITCHING, WITH 2-HOUR OVERRIDE SWITCHES,
h: NEW LIGHTING CIRCUITS FROM NEW PANELBOARD "MH" (480Y/277V)

8. CONNECTIONS TO (3) NEW ELECTRIC LIFT DOORS AT COLD ROOMS:.
EACH DOOR MOTOR = 1/2 HP (1.1 AMP), 480V 3Ø
NON-FUSIBLE DISCONNECT AT EACH DOOR / MOTOR
BRANCH CIRCUIT DERIVED FROM NEW PANELBOARD "MH" (480Y/277V)

9. CONNECTIONS TO NEW DRAIN LINE HEATERS AT FREEZER:
750 VA (6.25 AMPS @ 120V) PER DRAIN LINE TERMINATION
BRANCH CIRCUITRY = 20 AMP, 208/120V 1Ø 3 WIRE
BRANCH CIRCUIT DERIVED FROM NEW PANELBOARD "ML" (208Y/120V)

10. DOOR HEAT CONNECTIONS (3) AT FREEZER:
(1) ELECTRIC LIFT DOOR: 1200 VA; (2) MAN DOORS: 400 VA EACH
BRANCH CIRCUITRY = 20 AMP, 208Y/120V 1Ø 3 WIRE
BRANCH CIRCUIT DERIVED FROM NEW PANELBOARD "ML" (208Y/120V)

11. SAFE OFF DEMO OF EXISTING EQUIPMENT
12. START UP
13. COMPILE ELECTRICAL PLAN SET AS PART OF ELECTRICAL DESIGN - BUILD.

10 SCOPE OF WORK LISTING
E-1.0 SCALE: NOT TO SCALE

SHEET SIZE: 30" x 42" - LANDSCAPE (E)

REV.	DESCRIPTION	BY	DATE
△1	Q.C. REVISIONS-PER SCE	S.T	10/22 2010

ELECTRIKAL CORNTRACTOR ★ STATE OF KALEEFORNIYAYE ★ EYEAR A. INJUNEAR
EEE YOWCH ELECTRIC SERVICE 000OU812 C-10 Exp. 2/35/20118

EEEYOWCH ELECTRIC SERVICE, INC.
Jose Canusee - Electrical Contractor
Eyear A. Injunear - Electrical Design Engineer
5150 N. SOUTHWESTALLEYOVRTHERE ST. EAST
HEEREINTHASTATEOF, KALEEFORNIYAYE. 987654-3210
Phone: (8001) 555-12121 Fax: (000) 867-5309
State of Kaleeforniyaye Contractor's License: C10-000 ou812 Expiry Date: 02/35/20118

EEE-YOWCH! ELECTRICAL SERVICE COMPANY

PROJECT:
LARRY, MOE AND CURLEY COLD STORAGE
TRIPLESTOOGE DISTRIBUTION CENTER
00086 THOYTEE-THOYED AVE.
TRIPLESTOOGE, CA. 987654-0123
PLANCHECK SUBMIT SET 00/00/20XX

Scott <> Thu Jun-09-2011 10:02P <> E:\JOBS_2010\ALPHA\AENB_12032010\ECN_EDU_06042011\E_SHEETS_R2\E1_0.dwg

DATE	*00/00/20XX*
SCALE	NOT TO SCALE
DRAWN	S.E.T.
REVISED	—
JOB No	LMCCS-ZB000
CAD ID:	LMCCS-ZB000-E1.0
SHEET	**E-1.0**