ELECTRICAL SYMBOLS & ABBREVIATIONS

NO SCALE

PANELS

- VOLTAGE AND PHASE AS NOTED PER DWGS.: 120/240V, 1 PHASE PANEL; 240/120V, 3 PHASE PANEL; 120/208V, 1 PHASE PANEL; 208/120V, 3 PHASE PANEL
- 480/277V, 3 PHASE PANEL
- 480V, 3 PHASE PANEL
- SPECIAL VOLTAGE PANEL
- EMERGENCY POWER PANEL

CONDUIT

- CONDUIT RUN CONCEALED IN OR UNDER SLAB OR BELOW GRADE
- CONDUIT RUN CONCEALED IN CEILING OR WALL, U.O.N.
- I/C — CONDUIT RUN CONCEALED IN OR UNDER SLAB OR BELOW GRADE FOR IRRIGATION SYSTEM
- C — CONDUIT RUN CONCEALED IN OR UNDER SLAB OR BELOW GRADE FOR COMMUNICATION SYSTEM
- E — EMERGENCY SYSTEM CIRCUITING
- PA — CONDUIT RUN CONCEALED IN OR UNDER SLAB OR BELOW GRADE FOR PA SYSTEM
- P — P — PRIMARY
- S — S — CONDUIT RUN CONCEALED IN OR UNDER SLAB OR BELOW GRADE FOR SECURITY SYSTEM
- T — CONDUIT RUN CONCEALED IN OR UNDER SLAB OR BELOW GRADE FOR TELEPHONE SYSTEM
- HOME RUN TO POWER SOURCE
- CONDUIT TURN DOWN
- CONDUIT TURN UP
- GROUND CONDUCTOR / NEUTRAL CONDUCTOR / POWER CONDUCTORS
- 1 1/2" ← CONDUIT SIZE

DEVICES

- $a — SINGLE POLE SWITCH, +42" U.O.N.
  - a – CIRCUIT # & SWITCHING
  - 2 – DOUBLE POLE
  - 3 – 3 WAY
  - 4 – 4 WAY
- DUPLEX RECPT, NEMA 5-20R, +15" U.O.N.
- FOUR-PLEX RECPT, NEMA 5-20R, +15" U.O.N.
- GFI — DUPLEX RECPT, W/GROUND FAULT INTERUPTER +42", U.O.N.
- ROOF/CEILING/RECEPT/DROP RECEPT
- ROOF/CEILING 4 PLEX/DROP RECEPT
- FLOOR RECEPTACLE
- NEMA L7-15 RECPT./CORD CAP
- PP — POWER PACK
- T/C — TIME CLOCK
- NXX ← BOX SIZE — PULL BOX – POWER; TEL; COMMUNICATION
- DECK JUNCTION BOX CONCEALED IN POLE BASE; OR AT WALL
- J — JUNCTION BOX WALL MOUNTED
- J — JUNCTION BOX
- TELEPHONE OUTLET
- TELCO/DATA OUTLET
- DATA OUTLET
- CABLE TV OUTLET
- A.C. MOTOR GENERAL SYMBOL
- SAFETY SWITCH, SIZE AS NOTED
- MAGNETIC STARTER
- COMBINATION STARTER
- MANUAL STARTER
- P / S — DISTRIBUTION TRANSFORMER (P – PRIMARY, S – SECONDARY)
- SECURITY SYSTEM BOLLARD
- MD — MOTION SENSOR
- SINGLE OR DUAL SWITCH OCCUPANCY SENSOR
- EMERGENCY BATTERY POWERED LIGHT
- EXIT SIGN, WITH DIRECTIONAL ARROWS AS SHOWN

LIGHTS

- FLUORESCENT FIXTURE, RECESSED IN CEILING
- FLUORESCENT FIXTURE, SURFACE OR PENDANT MOUNTED
- FLUORESCENT FIXTURE, WALL MOUNTED
- FLUORESCENT STRIP, SURFACE, PENDANT, OR WALL MOUNTED AS NOTED.
- NL / EM — NL= NIGHT LIGHT, EM= EMERGENCY LIGHT
- LIGHT FIXTURE

IDENTIFICATION LABELS

- E — LIGHT FIXTURE TAG
- AC 1 — MECHANICAL EQUIPMENT TAG
- 4 — COMPLY WITH LETTER OR NUMBER NOTE ON SHEET
- 8 / E4 — SEE DETAIL 8, SHEET E4
- # — FEEDER IDENTIFICATION TAG

A – AMP
ADMIN – ADMINISTRATION
AFF – ABOVE FINISHED FLOOR AFG – ABOVE FINISHED GRADE AFS – ABOVE FINISHED SLAB
AL – ALUMINUM
ARCH – ARCHITECT
ARF – ABOVE RAISED FLOOR ASC – ABOVE SUSPENDED CEILING BD – BOARD
BLDG – BUILDING
C – CONDUIT
CKT – CIRCUIT
CO – CONDUIT ONLY
CONC – CONCRETE
CONN – CONNECT
CU – COPPER
DISC – DISCONNECT
DWG – DRAWING
(E) – EXISTING
ELEC – ELECTRICAL
EM – EMERGENCY
EP – EXPLOSION PROOF
EQUIP – EQUIPMENT
ES – ENERGY SAVING
EXIST – EXISTING
FA – FIRE ALARM
FACP – FIRE ALARM CONTROL PANEL FAP – FIRE ALARM PANEL
FDR – FEEDER
GND – GROUND
HP – HORSEPOWER
MAX – MAXIMUM
MECH – MECHANICAL
MFG – MANUFACTURER
MIN – MINIMUM
MSB – MAIN SWITCH BOARD
MTG – MOUNTING
(N) – NEW
NL – NIGHT LIGHT
(NL) – NEW LOCATION
NFDS – NON-FUSED DISC. SW.
OH – OVERHEAD
PB – PULL BOX
P.O.C – POINT OF CONNECTION
PG&E – PACIFIC GAS AND ELECTRIC
PNL – PANEL
QTY – QUANTITY
(R) – REMOVE
(RL) – RELOCATE
RGS – RIGID GALVANIZED STEEL
(RRE) – REMOVE AND REPLACE EXISTING
(RRN) – REMOVE AND REPLACE NEW
SCH – SCHEDULE
STRUCT – STRUCTURAL
SW – SWITCH
SWBD – SWITCHBOARD
SYM – SYMETRICAL
SYS – SYSTEM
TELE – TELEPHONE
TERM – TERMINAL
TRANS – TRANSFORMER
TYP – TYPICAL
UG – UNDERGROUND
UON – UNLESS OTHERWISE NOTED
VIF – VERIFY IN FIELD
V – VOLTS
WP – WEATHERPROOF
WRGS – WRAPPED RIGID GALVANIZED STEEL
ø – PHASE

NOTE: DIMENSIONS TO CENTERLINE, UNLESS OTHERWISE NOTED.

ELECTRICAL DRAWING INDEX

PG	SHEET	TITLE
1	E0.0	ELECTRICAL INFORMATION SHEET
2	E1.0	ELECTRICAL SITE PLAN

ELECTRICAL PRINT SCHEDULE

DATE	SHEETS	REV	USAGE	TO
04/20/05	E0.0, E1.0	0	99% CHECK SET	ADAM WHITE
06/29/05	E0.0, E1.0	0	ISSUED FOR CONSTRUCTION	GORDON KOBARA – PG&E

PROPRIETARY DATA

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JOB # 05-003-0

No.	Revision/Issue	Date

COUNTRY CLUB WELL REPLACEMENT
ELECTRICAL INFORMATION SHEET

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APN: 041-221-30

SOQUEL CREEK WATER DISTRICT
PO Box 158 Soquel, California 95073
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CWO. NO. 03-139
DATE: 09/20/04
SCALE: NO SCALE
DESIGN BY: AVW
DWG. NO. D-05-2145-J

Certification:

REGISTERED PROFESSIONAL ENGINEER — JEFFERY N. GAILEY — No. 47298 Exp. 12/31/05 — CIVIL — STATE OF CALIFORNIA

Jeffery N. Gailey
Chief Engineer
Engineering Manager

SHEET:
E0.0