

SYMBOL	DESC.	VOLTS				MOUNTING				LAMP	CRI / ° K	MANUFACTURER / PART NUMBER	CONT.	REMARK
		120	277	347	480	RECESSED	FLUSH	CEILING	WALL					
A	6" RECESSED FLUORESCENT									(2)-F13TRT	89 5000	PRESCOLITE LIGHTING CFR613EB-EM-ST372A-SS-824-EL	OCCUPANT SENSOR	AT PROVIDE WITH SHOWER LENSE. "EM" DENOTES 90 MINUTE BACKUP BATTERY BALLAST
B	2'X4" RECESSED FLUORESCENT									(2)-F28T5HO	89 5000	COLUMBIA LIGHTING P224-228G-LD2X8-S-EBBUNV-LP600	OCCUPANT SENSOR	"EM" DENOTES 90 MINUTE BACKUP BATTERY BALLAST
C	4' RECESSED FLUORESCENT									(2)-F28T5HO	89 5000	COLUMBIA LIGHTING J14-228G-FSA12.125-EBBUNV-PAF-LP600	OCCUPANT SENSOR	"EM" DENOTES 90 MINUTE BACKUP BATTERY BALLAST
D2	2' COVE FLUORESCENT									(1)-F17T5	89 5000	COLUMBIA LIGHTING COV2-117-EBBUNV	OCCUPANT SENSOR	
D3	3' COVE FLUORESCENT									(1)-F25T5	89 5000	COLUMBIA LIGHTING COV3-125-EBBUNV	OCCUPANT SENSOR	
E	DECORATIVE CHANDELIER									(6)-60W INC.		E.C. IS TO ALLOW \$750 FOR FIXTURE. OWNER TO SELECT FIXTURE. E.C. IS TO PURCHASE & INSTALL.	DIMMER	
F	4' SURFACE FLUORESCENT									(2)-F32TB	89 5000	COLUMBIA LIGHTING SM14-232-FSA12-EBBUNV-EL	OCCUPANT SENSOR	"EM" DENOTES 90 MINUTE BACKUP BATTERY BALLAST
F1	4' SURFACE FLUORESCENT									(1)-F32TB	89 5000	COLUMBIA LIGHTING SM14-132-FSA12-EBBUNV	OCCUPANT SENSOR	
F2	4' SURFACE FLUORESCENT									(2)-F32TB	89 5000	NRL LIGHTING VPH-4-2-1-5-0-7-P-PC	OCCUPANT SENSOR	
G	4' SURFACE FLUORESCENT									(2)-F32TB	89 5000	KENALL LIGHTING MLHAB-48-R-#-2-32-EB-1-120	OCCUPANT SENSOR	
H	WALL MOUNTED FLUORESCENT									(1)-42WPLT	89 5000	KENALL LIGHTING FSB12R-#-P1A-#-42-1-120	PHOTOCELL / TIMELOCK	
J	WALL MOUNTED BUILDING LIGHT									(1)-70WMI	89 5000	ARCHITECTURAL AREA LIGHTING PROS-DIRS-70WMI6EB-#-TRA59J	PHOTOCELL / TIMELOCK	PROVIDE WITH PHOTOCELL CONTROL
K	TOWER UPLIGHT									(1)-250WMI	89 5000	HUBBELL LIGHTING WGH250H-120-#	PHOTOCELL / TIMELOCK	LUMINAIRE TO BE MOUNTED IN TOWER.

**KEY NOTES**

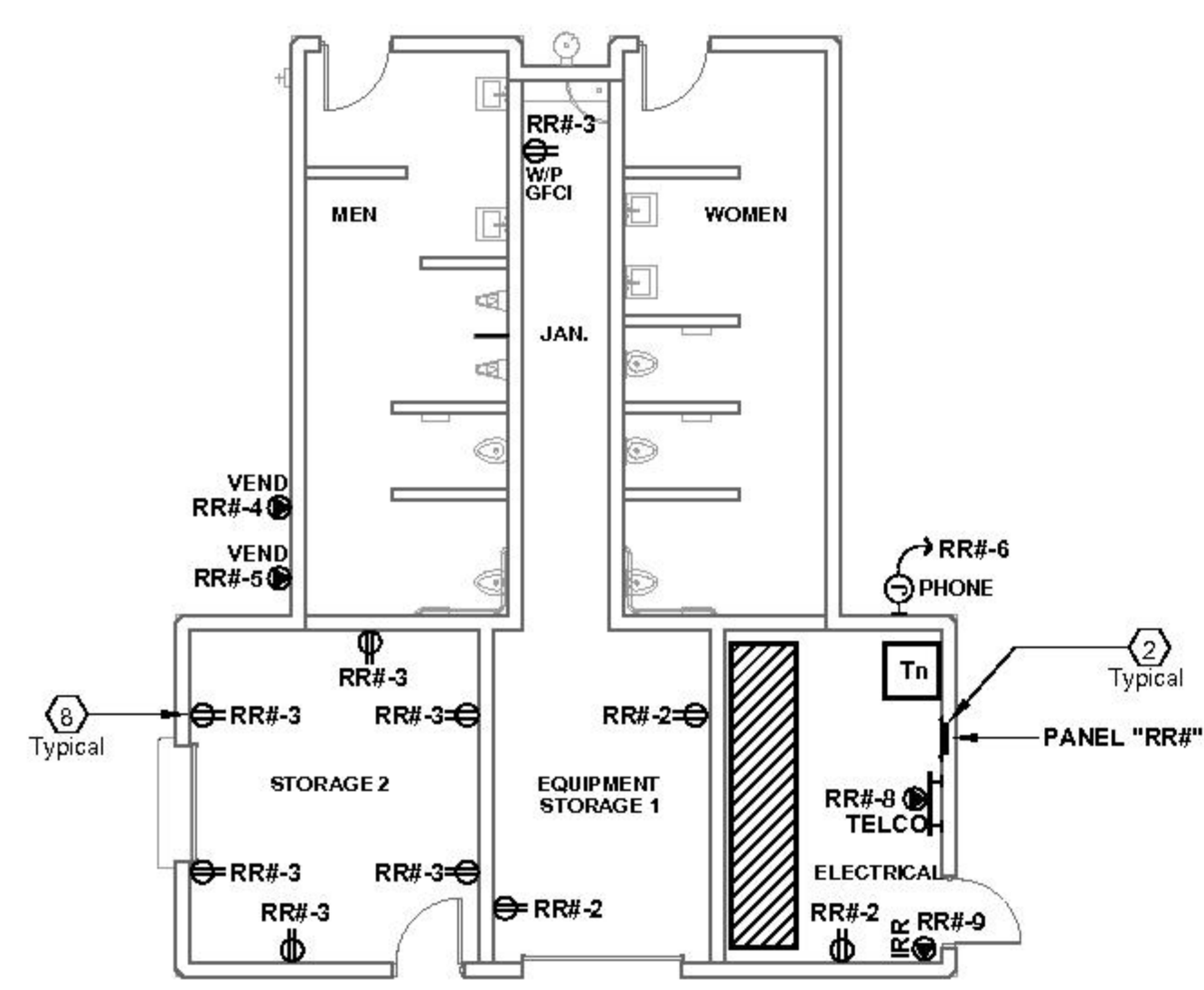
- ALL OPENINGS AROUND ELECTRICAL PENETRATIONS TO, IN, OR THROUGH FIRE RESISTANT RATED WALLS, PARTITIONS, FLOORS, OR CEILINGS SHALL BE FIRE STOPPED USING AN NEC APPROVED METHOD TO MAINTAIN THE FIRE RESISTANCE RATINGS. REF. NEC ARTICLE 300-21. REF. ARCHITECTURAL PLANS FOR LOCATIONS OF FIRE RATED WALLS.
- E.C. IS TO COORDINATE LOCATION OF LIGHT SWITCHES SHOWN WITH ARCHITECT PRIOR TO INSTALLATION. MOUNT SWITCHES IN RECESSED MULTI-GANG BOX. MULTI-GANG BOXES TO BE RECESSED AND LARGE ENOUGH TO MOUNT ALL SNAP SWITCHES SHOWN. E.C. SHALL PROV. FACES AND COVER PLATES. CONFIRM COLOR WITH OWNER. ANY SWITCHES LOCATED IN PUBLIC AREA SHALL BE KEYPED LOCKED. COORDINATE WITH ARCHITECT AND CITY REPRESENTATIVE PRIOR TO ORDERING.
- E.C. TO COORDINATE EXACT LOCATIONS OF ALL LIGHT FIXTURES PRIOR TO INSTALLATION.
- ALL BRANCH CIRCUIT CONDUITS FEEDING EXTERIOR BUILDING LIGHTS SHALL BE RUN ON THE INTERIOR SIDE OF BUILDING WALL. REF. ELECTRICAL NOTES AND SYMBOLS.
- E.C. IS TO PROVIDE ALL MATERIALS REQUIRED TO INSTALL SURFACE MOUNT FIXTURE.
- BUILDING MOUNTED FIXTURE IS TO BE PROVIDED WITH PHOTOCELL CONTROL.
- E.C. IS TO PROVIDE LOW VOLTAGE OVERRIDE SWITCH AS SHOWN. E.C. IS TO PROVIDE LOW VOLTAGE WIRING BACK TO LIGHTING CONTROL PANEL. SWITCH TO BE WATTSTOPPER #LVS-1.
- E.C. IS TO COORDINATE ALL HEIGHTS AND LOCATIONS OF RECEPTACLES WITH OWNER PRIOR TO INSTALLATION.

LIGHT AND POWER NOTES AND SYMBOLS	
1.	FLOOR DUPLEX RECEPTACLE OUTLET. PROVIDE WITH THREADED COVER.
2.	DUPLEX RECEPTACLE OUTLET. MOUNT AT +15" UNLESS INDICATED OTHERWISE.
3.	DUPLEX RECEPTACLE OUTLET. GROUND FAULT CIRCUIT INTERRUPTIBLE. MOUNT CENTER AT +15" UNLESS NOTED OTHERWISE.
4.	QUAD RECEPTACLE OUTLET. MOUNT AT +15" UNLESS INDICATED OTHERWISE.
5.	SPECIAL PURPOSE RECEPTACLE OUTLET. SUBSCRIPT INDICATES FUNCTION. MOUNT CENTER AT +15" UNLESS NOTED OTHERWISE.
6.	JUNCTION BOX MOUNTED IN CEILING OR WALL.
7.	EXHAUST FAN. REFERENCE MECHANICAL SHEETS.
8.	EXTERNALLY OPERATED FUSED DISCONNECTION SWITCH. FUSE TO MATCH NAMEPLATE.
9.	2' X 4' FLUORESCENT FIXTURE CONTROLLED BY SWITCH "S". REFERENCE FIXTURE SCHEDULE.
10.	THREE WAY SWITCH. MOUNT AT +48" UNLESS OTHERWISE INDICATED.
11.	SINGLE POLE SWITCH. MOUNT AT +48" UNLESS OTHERWISE INDICATED.
12.	DIMMER SWITCH LINEAR SLIDE. ADJACENT DIMMERS ARE TO MOUNT IN SAME MULTI GANG BOX. MOUNT CENTER AT +48". DIMMER SWITCHES ARE TO BE COMPATIBLE WITH ELECTRONIC DIMMING BALLASTS.
13.	WATTSTOPPER OCCUPANCY SENSOR (MULTI-TECH). MOUNT AT +48" UNLESS OTHERWISE INDICATED. SENSOR: DW-100-#
14.	WATTSTOPPER (DUAL SWITCHING) OCCUPANCY SENSOR (MULTI-TECH). MOUNT AT +48" UNLESS OTHERWISE INDICATED. SENSOR: DW-200-#
15.	WATTSTOPPER CEILING MOUNTED OCCUPANCY SENSOR (MULTI-TECH). SENSOR: DT-355
16.	COMPUTER DUPLEX JACK CONTAINING (2) 8 WIRE UNIVERSAL MODULAR JACKS. MOUNT CENTER AT +15" UNLESS OTHERWISE INDICATED. REF. DETAIL AND COMMUNICATIONS NOTES.
17.	SELF ILLUMINATED EXIT SIGN. ARROW DENOTES DIRECTION OF EGRESS. "X" INDICATES DIRECTION OF ARROW ON SIGN AS INDICATED ON PLANS. PENDANT OR WALL MOUNT AS DETERMINED BY LOCATION ON PLANS. REFERENCE DETAIL.
18.	TELEVISION OUTLET 4-11/16" SQ. X 2-1/8" D BOX W/2 GANG BLANK COVER. PROV. OUTLET MOUNT CENTERED AT HEIGHT AS INDICATED ON LAYOUT. CONFIRM EXACT PLACEMENT WITH OWNER PRIOR TO INSTALLING. REF COMMUNICATIONS/CONTROL NOTES.
19.	ELECTRICAL PANEL BOARD RECESSED IN WALL.
20.	ELECTRICAL PANEL BOARD SURFACE MOUNTED.
21.	CONDUCTORS WITH GROUND RUN CONCEALED IN CEILING OR WALL. REF PANEL ASSIGNMENTS FOR WIRE SIZES.
22.	HOME RUN TO DESIGNATED PANEL. REFERENCE A.C. BREAKER ASSIGNMENTS FOR CONDUCTOR SIZES. CONDUITS TO BE SIZED FOR 20% FILL (UNLESS INDICATED OTHERWISE). NO MORE THAN 24 CURRENT CARRYING CONDUCTORS PER CONDUIT, WITH GROUNDING CONDUCTOR SIZED FOR LARGEST CIRCUIT BREAKER.
23.	2#12 1#12 GROUND 1/2" C. UNLESS OTHERWISE NOTED.
24.	3#12 1#12 GROUND 1/2" C. UNLESS OTHERWISE NOTED.
25.	4#12 1#12 GROUND 1/2" C. UNLESS OTHERWISE NOTED.
26.	5#12 1#12 GROUND 1/2" C. UNLESS OTHERWISE NOTED.
27.	6#12 1#12 GROUND 1/2" C. UNLESS OTHERWISE NOTED.
28.	7#12 1#12 GROUND 1/2" C. ETC. UNLESS OTHERWISE NOTED.

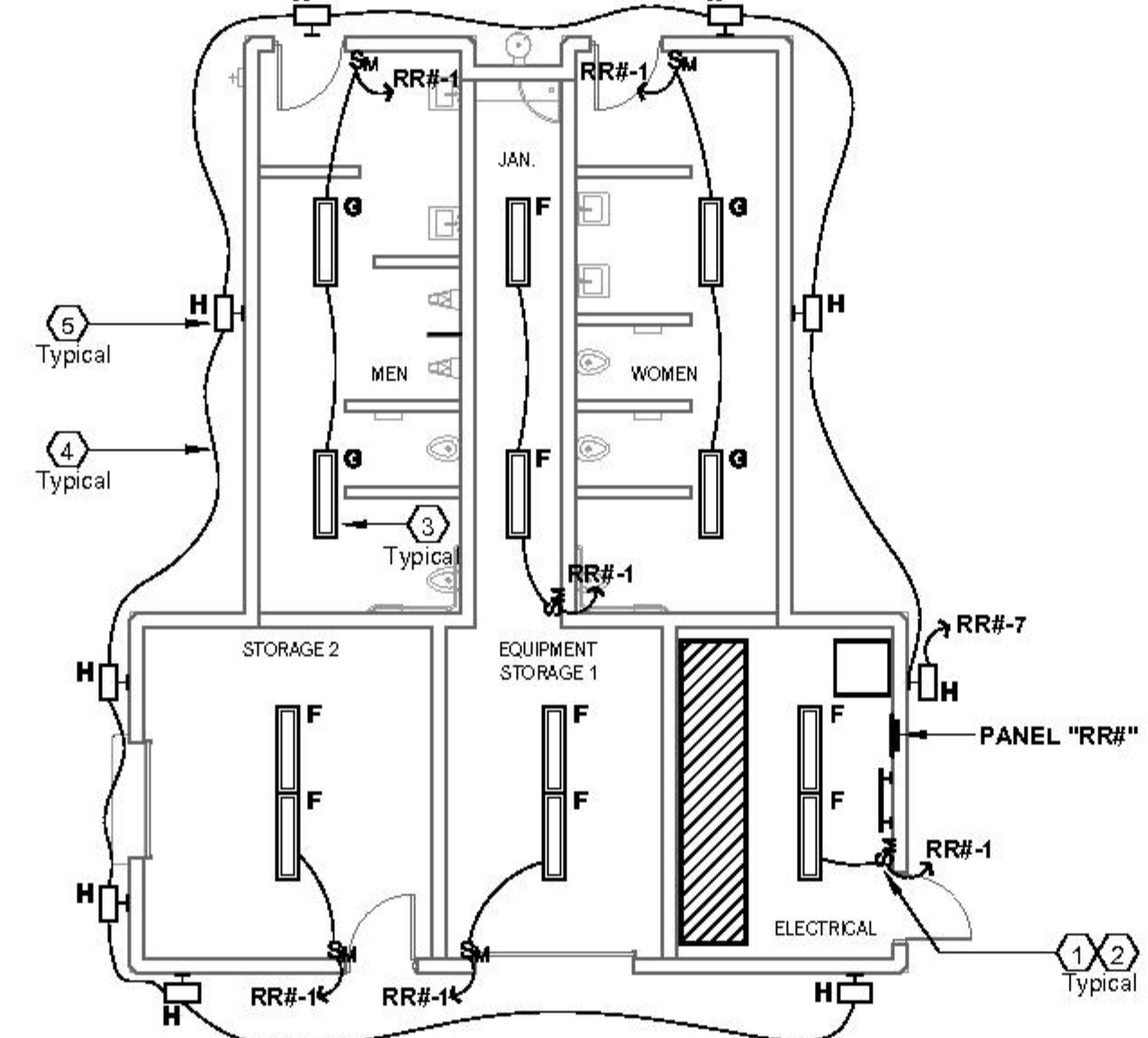
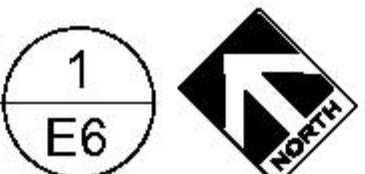
COMMUNICATIONS/CONTROL NOTES:	
1.	E.C. IS TO RUN 3/4" CONDUIT FROM ALL OUTLETS SHOWN ON PLAN UP ABOVE CEILING LINE AND TERMINATE IN JACKBOX IN AN ACCESSIBLE PLACE ABOVE CEILING LINE. E.C. IS TO CONTINUE 3/4" CONDUIT FROM THIS POINT, TO J-BOX LOCATED ABOVE ROOM WHERE COMMUNICATIONS/CONTROL SYSTEMS ARE TO BE LOCATED.
2.	COMMUNICATIONS/CONTROL CONTRACTOR WILL RUN CABLE FROM JACKS SHOWN, UP WALL AND BACK TO COMMUNICATION SYSTEMS POINT OF ENTRY.
3.	LAYOUT OF COMMUNICATIONS/CONTROL SHOWN IS FOR REFERENCE ONLY. E.C. IS TO COORDINATE CONDUIT AND COMMUNICATION JACK REQUIREMENTS WITH COMMUNICATIONS/CONTROL CONTRACTOR.
4.	COMMUNICATIONS/CONTROL CONTRACTOR WILL RUN CABLE FROM CUBICLE POINT OF ENTRY TO OUTLETS WITHIN CUBICLE TO PROVIDE A COMPLETE OPERATING CUBICLE COMMUNICATIONS/CONTROL SYSTEM.
5.	COMMUNICATIONS/CONTROL CONTRACTOR CABLE AND CONDUCTORS TO BE RUN IN CONDUIT SEPARATE FROM POWER.

ACID / CHLORINE ROOM NOTE:	
1.	ALL LIGHT FIXTURES, ELECTRICAL BOXES, CONDUITS, SWITCHES, RECEPTACLES, ETC. INSTALLED INTERIOR OF THE ACID AND CHLORINE ROOMS ARE TO BE OF NON-METALLIC KIND.

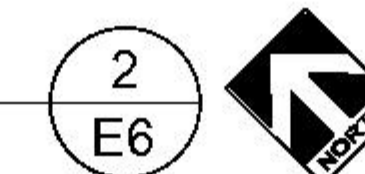
LIGHTING NOTES:	
1.	ALL NON-IC RATED FIXTURES REQUIRE THAT INSULATION BE KEPT A MINIMUM OF AT LEAST 3" FROM ALL SIDES. THIS MAY BE ACCOMPLISHED BY CHICKEN WIRE OR SHEET ROCK, SUBJECT TO THE APPROVAL OF THE FIELD INSPECTOR.
2.	COLOR OF ALL FIXTURES TO BE COORDINATED WITH ARCHITECT PRIOR TO ORDERING. COLOR WILL BE PROVIDED ON RETURNED SUBMITTALS.
3.	DIMMING BALLASTS ARE TO BE COMPATIBLE WITH DIMMING SWITCH.
4.	ALL FIXTURES INSTALLED UNDER GROUND OR IN CONCRETE SLABS OR MASONRY IN DIRECT CONTACT WITH THE EARTH, IN LOCATIONS SUBJECT TO SATURATION WITH WATER OR OTHER LIQUIDS SUCH AS VEHICLE WASHING AREAS, AND IN UNPROTECTED LOCATIONS EXPOSED TO WEATHER SHALL BE UL LISTED FOR WET LOCATION.
5.	ALL FIXTURES INSTALLED IN LOCATIONS PROTECTED FROM WEATHER AND NOT SUBJECT TO SATURATION WITH WATER OR OTHER LIQUIDS BUT SUBJECT TO MODERATE DEGREES OF MOISTURE ARE TO BE UL LISTED FOR DAMP LOCATION.
6.	IF FIXTURE FINISH IS NOT SHOWN ON FIXTURE SCHEDULE, THEN FINISH OF FIXTURES IS TO BE SELECTED BY ARCHITECT ON RETURN SUBMITTALS AND COORDINATED WITH OWNER. CONTRACTOR SHALL NOT ORDER FIXTURE UNTIL AN APPROVED FINISH IS SELECTED.
7.	ALL BALLASTS USED ON THIS JOB ARE TO BE HIGH POWER FACTOR (HPF) #P-9. IF PART NUMBER SHOWN IS NOT HP, LUMINAIRE TO BE MODIFIED TO BE HP.



**POWER LAYOUT - TYPICAL RESTROOM BUILDING**  
SCALE - 1/8" = 1' - 0"



**LIGHT LAYOUT - TYPICAL RESTROOM BUILDING**  
SCALE - 1/8" = 1' - 0"



**CITY OF SAN CLEMENTE**  
Department of Beaches, Parks & Recreation

**AVENIDA VISTA HERMOSA / AVENIDA LA PATA PARK (PHASE-B)**  
**POWER & LIGHTING LAYOUT - RESTROOM BUILDING**

Sheet Number: **E6**  
Drawing Number: **AS SHOWN**  
Sheet: **117** of **178**

APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

REVISION: \_\_\_\_\_

NO. # \_\_\_\_\_

NO.	DESCRIPTION	DATE
1	ADDED RR BUILDING TO SET	10/28/09

**1-800-424-1133**  
**DIAMARK**

UNEMPLOYED MEMBER STATE OF CALIFORNIA CAL PDRWA  
I, \_\_\_\_\_, do hereby certify that I am a member of the State of California Unemployment Insurance System and that I am currently unemployed. I am not receiving any other unemployment benefits from any other state or country. I am not receiving any other unemployment benefits from any other state or country. I am not receiving any other unemployment benefits from any other state or country.

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PLANS PREPARED BY: \_\_\_\_\_  
Dream Engineering Inc. Engineers

DESIGNED BY: \_\_\_\_\_ DATE: 02/17/06  
DRAWN BY: JH  
CHECKED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
UNDER THE SUPERVISION OF: \_\_\_\_\_ DATE: 10/16/2008  
JUAN A. ARAUJO EE 18537