VERIFY ALL LIGHT FIXTURES WITH OWNER/ARCHITECT PRIOR TO BID. LIGHTS AND PANEL SHALL NOT BE RECESSED IN FIREPLATED ASSEMBLIES UNLESS BOXED WITH EQUIVALENT CONSTRUCTION.

NOTE: LIGHT SWITCHES AND CONTROLS, WALL MOUNTED AT +48” AFF (MAX)

ALL WALL COUNTER RECEPTACLE SHALL BE GFCI AND 6” ABOVE SPLASH. COORDINATE WITH ARCHITECTURAL DRAWINGS.

NOTE: ALL WALL MOUNTED RECEPTACLE SHALL BE +18” AFF U.O.N.

NOTE: ALL RATINGS OF ELECTRICAL DISTRIBUTION EQUIPMENT SHALL BE VERIFIED WITH LOCAL UTILITY COMPANY HAVING JURISDICTION PRIOR TO BID.

ALL WALL SWITCHES CONTROL LINE EMERGENCY CIRCUITS SHALL BE ENGRAVED WITH “EMERGENCY” ON RED FACE PLATE

NOTE: ALL RATINGS OF ELECTRICAL DISTRIBUTION EQUIPMENT SHALL BE VERIFIED WITH LOCAL UTILITY COMPANY HAVING JURISDICTION PRIOR TO BID.

COMPLETE FIRE ALARM SYSTEM DRAWINGS BY FIRE ALARM CONTRACTOR. THE FIRE ALARM CONTRACTOR SHALL THEN OBTAIN STAMPED APPROVALS FROM THE STATE FIRE MARSHALL’S OFFICE, LOCAL FIRE DEPARTMENT AGENCIES AND BUILDING DEPARTMENT.

MOTION DETECTOR: ADEMCO

PROXIMITY READER: DOOR KING #DKS 20/VANDAL PROOF ENCLOSURE AT EXT. DOORS AND GATES

RESIDENT OFFICER IN CHARGE OF CONSTRUCTION

SECURITY SYSTEM BY SECURITY CONSULTANT. REFER TO SECURITY DRAWING FOR COMPLETE SECURITY SYSTEM.

NOTE: VERIFY ALL COMMUNICATION REQUIREMENTS WITH SERVICE PROVIDER.
### Electrical Schedule

**Demand Load**
- **1st 10,000 @ 100%**: 10,000
- **Remainder @ 40%**: 3,581

**Total Non-CL Load**: 41,874

**Total CL Load**: 28,615

**Total Motor Load**: 4,124

**Total VA**: 24,264

**Total A**: 16,569

**Total B**: 10,485

**Total C**: 7,380

**Total D**: 8,460

**Total E**: 15,036

**Total F**: 14,798

**Remark**: Identification of every circuit of a panel board and switchboard shall be legibly identified as to its clear, evident and specific purpose or use and shall include the identification of every circuit of a panel board and switchboard.

**PHASE**: 1
**WIRE**: 3
**MOUNTING**: Surface Mounted

**VOLTAGE**: 120/208V

**Panel PC Location**: Pump Room Casita

**Panel M1 Location**: TBD

**Panel P1 Location**: TBD

**Remark**: Provide HACR Type OCPD for all circuits serving mechanical equipment.

**Remark**: Provide AFCI protection on branch circuit serving rooms, living rooms, den, rec. rooms, bedrooms, closets, hallways and similar areas as per CEC Section 210.12(B).

**Remark**: Provide GFCI protection for receptacle located in...
LIGHT FIXTURES SHALL BE UL LISTED.
LIGHTING LAYOUT BY THE OWNER PRIOR TO INSTALLATION. ALL PROTECTED AGAINST THE SPREAD OF FIRE WITH AN APPROVED FIRE MOUNT ALL LIGHT SWITCHES IN A MULTI-GANG RECEPTACLE BOX STOP SYSTEM EQUAL OR GREATER THAN THE FIRE RATING OF THE SMOKE DETECTORS. WIRE ALL SMOKE DETECTORS TO AFCI CIRCUIT.
ALL BEDROOM RECEPTACLES SHALL BE ARC FAULT CIRCUIT WITH ONE COMMON FACEPLATE WHERE PERMISSIBLE. PROVIDE SEE LIGHTING FIXTURE ARCHITECTURAL DRAWINGS.
AREAS. CONTRACTOR TO OBTAIN APPROVAL OF PROPOSED All LIGHT FIXTURES MUST BE CENTERED IN THEIR RESPECTIVE
All TELE/ DATA RECEPTACLES SHALL BE PROVIDED AND INSTALLED All RECEPTACLES LOCATED INSIDE THE BATHROOMS TO BE ON A UNIT FOR COMMON ANNUNCIATOR UPON ACTIVATION OF ANY
INDIVIDUAL RECEPTACLE TO MAINTAIN FIRE RATING OF WALLS. SEE LIGHTING FIXTURE ARCHITECTURAL DRAWINGS.
HEIGHT OF ALL RECEPTACLES AT COUNTERS, SHELVES SPACES, LIGHT SWITCHES, ELECTRICAL RECEPTACLES, THERMOSTAT AND SEE MECHANICAL DRAWINGS FOR ALL THERMOSTAT LOCATIONS.
CONTRACTOR SHALL BUILD ONE RATED ENCLOSURE AROUND EACH SEPARATE BOXES AND OFFSET AT 24" MINIMUM. WHEN 24" MINIMUM SPACED AT NO MORE THAN 24" APART.
CONTRACTOR TO INSTALL HIGH EFFICACY CLOSET LIGHT FIXTURE CONTROL. COMPLY WITH ADA REQUIREMENTS FOR ALL HANDICAP TO +40" FOR FORWARD APPROACH, OR +42" FOR SIDE APPROACH.
ARCHITECTURAL DRAWING FOR RATING OF WALLS.
LIGHTING LAYOUT BY THE OWNER PRIOR TO INSTALLATION. ALL PROTECTED AGAINST THE SPREAD OF FIRE WITH AN APPROVED FIRE MOUNT ALL LIGHT SWITCHES IN A MULTI7GANG RECEPTACLE BOX HAVE BATTERY BACK7UP. INTERCONNECT ALL SMOKE DETECTORS IN FOR SINGLE LINE DIAGRAM ON DRAWING E70.2.

STOP SYSTEM EQUAL OR GREATER THAN THE FIRE RATING OF THE SEPARATE CIRCUITS PER NEC ART. #210752(d).

SMOKE DETECTORS. WIRE ALL SMOKE DETECTORS TO AFCI CIRCUIT.

ALL BEDROOM RECEPTACLES SHALL BE ARC7FAULT CIRCUIT WITH ONE COMMON FACEPLATE WHERE PERMISSIBLE. PROVIDE ALL CATV RECEPTACLES SHALL BE PROVIDED AND INSTALLED WITH ALL RECEPTACLES LOCATED INSIDE THE BATHROOMS TO BE ON A UNIT FOR COMMON ANNUNCIATOR UPON ACTIVATION OF ANY INDIVIDUAL RECEPTACLE TO MAINTAIN FIRE RATING OF WALLS. SEE FINAL LOCATION AND DIMENSIONS OF SHELVES RELATIVE TO THE HEIGHT OF ALL RECEPTACLES AT COUNTERS, SHELVES SPACES, BETWEEN 20" AND 25" IN DEPTH, THE MINIMUM HEIGHT IS REDUCED NO LOWER THAN 15" AFF. IF THE REACH IS OVER AN OBSTRUCTION LIGHT SWITCHES, ELECTRICAL RECEPTACLES, THERMOSTAT AND COMPLY WITH THE REQUIREMENTS OF NEC ART. #410718.

CONTROL. COMPLY WITH ADA REQUIREMENTS FOR ALL HANDICAP OBSTRUCTION SHALL NOT EXCEED +25" FROM THE WALL BENEATH A SHELVES AND EDGE OF LIGHT FIXTURE. CONTRACTOR TO VERIFY ARCHITECTURAL DRAWING FOR RATING OF WALLS.

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D E V E N

Exp. 12−31−12

N E T R

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D E V E N

01/24/2012 07/13/2012

PLOT DATE:

DESCRIPTION

SHEET NUMBER:

ARCHITECT:

ARCHITECTURE

HENDERSON

BLUE HERON

110504

3 MacArthur Place, 8th Floor

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INTERRUPTER (AFCI) TYPE RECEPTACLE.

LIGHT FIXTURES SHALL BE UL LISTED.

LIGHTING LAYOUT BY THE OWNER PRIOR TO INSTALLATION. ALL PROTECTED AGAINST THE SPREAD OF FIRE WITH AN APPROVED FIRE RG7 CABLE.

MOUNT ALL LIGHT SWITCHES IN A MULTI7GANG RECEPTACLE BOX HAVE BATTERY BACK7UP. INTERCONNECT ALL SMOKE DETECTORS IN COMBINATION PLATES WHERE REQUIRED.

FOR SINGLE LINE DIAGRAM ON DRAWING E70.2.

SEPARATE CIRCUITS PER NEC ART. #210752(d).

ALL BEDROOM RECEPTACLES SHALL BE ARC7FAULT CIRCUIT WALLS.

WITH CATEGORY 5e CABLE.

WITH ONE COMMON FACEPLATE WHERE PERMISSIBLE. PROVIDE SEE LIGHTING FIXTURE ARCHITECTURAL DRAWINGS.

ALL CATV RECEPTACLES SHALL BE PROVIDED AND INSTALLED WITH AREAS. CONTRACTOR TO OBTAIN APPROVAL OF PROPOSED ALL LIGHT FIXTURES MUST BE CENTERED IN THEIR RESPECTIVE WALLS.

PROVIDE FIRE RATED ENCLOSURE/ JBOX FOR LIGHT FIXTURES IN CEILING AREA WHERE THE CEILING HAS NO SOFFIT.

SEE MECHANICAL DRAWINGS FOR ALL THERMOSTAT LOCATIONS.

COMPLY WITH THE REQUIREMENTS OF NEC ART. #410718.

ALL RECEPTACLES, LIGHT FIXTURES, ELECTRICAL DEVICES, ETC. SHALL BE VERIFIED WITH OWNER BEFORE ROUGH-IN. PROVIDE HEIGHT OF ALL RECEPTACLES AT COUNTERS, SHELVES SPACES, BETWEEN 20" AND 25" IN DEPTH, THE MINIMUM HEIGHT IS REDUCED NO LOWER THAN 15" AFF. IF THE REACH IS OVER AN OBSTRUCTION AN INDIVIDUAL RECEPTACLE TO MAINTAIN FIRE RATING OF WALLS. SEE ARCHITECTURAL DRAWINGS.

OTHER ENVIRONMENTAL CONTROLS SHALL HAVE OPERABLE PARTS, WHERE THE CONTROLS ARE LOCATED NO HIGHER THAN 42" AFF AND OBSTRUCTION SHALL NOT EXCEED +25" FROM THE WALL BENEATH A CEILING SAFE. IF THE REACH IS OVER AN OBSTRUCTION, THE UNIT FOR COMMON ANNUNCIATOR UPON ACTIVATION OF ANY SPECIFICATIONS ARE THE EXCLUSIVE COPYRIGHT GMEP ENGINEERING CONSULTING, INC. 2012 ALL RIGHTS RESERVED.