



NOTE: THIS PLAN INDICATES CONCEPTUAL POWER, LIGHTING, AND MECHANICAL INFORMATION ONLY. ALL ELECTRICAL WORK SHALL BE DONE PER THE MOST CURRENT EDITION OF THE NATIONAL ELECTRICAL CODE, AND LOCAL CODES AND REGULATIONS. ALL MECHANICAL WORK BE DONE PER THE MOST CURRENT EDITIONS OF THE UNIFORM MECHANICAL CODE, THE UNIFORM PLUMBING CODE, AND LOCAL CODES AND REGULATIONS. SEE SHEETS GN-1, GN-2, AND GN-3 FOR ADDITIONAL GENERAL NOTES AND SPECIFICATIONS. DUCTWORK SIZES, REGISTER SIZES, AND AIR FLOW VELOCITIES SHALL BE CALCULATED BY HVAC EQUIPMENT MANUFACTURER. REGISTER LOCATIONS SHALL BE APPROVED BY OWNER.

SCHEMATIC ELECTRICAL / MECHANICAL PLAN

SCHEMATIC HOUSE PLAN - UPPER LEVEL

1/4" = 1'-0"

SCHEMATIC PLAN REFERENCE NOTES

SEE SHEET A-8 FOR SCHEMATIC PLAN REFERENCE NOTES WHICH APPLY TO THIS SHEET.

HVAC GENERAL NOTES

SEE SHEET A-8 FOR HVAC GENERAL NOTES WHICH APPLY TO THIS SHEET.

HVAC REQUIREMENTS

NOTE: ALL HVAC, EQUIPMENT, ACCESSORIES, ETC. SHALL BE INSTALLED PER TITLE 24 CALCULATION SPECIFICATIONS, PER ALL MANUFACTURER'S RECOMMENDATIONS, AND ALL CODES. HVAC SYSTEMS SHALL BE INSTALLED BY A QUALIFIED MECHANICAL CONTRACTOR, AND EACH HVAC SYSTEM SHALL BE TESTED AND BALANCED TO ENSURE EVEN AIR DISTRIBUTION AND QUIET OPERATION. COMPLY WITH NOTES AND SPECIFICATIONS SHEETS GN-1, GN-2 AND GN-3.

NOTE: EACH ROOM OF HOUSE WHERE A TELEPHONE CABLE OUTLET HAS BEEN INDICATED SHALL ALSO BE PROVIDED WITH A HIGH SPEED COMPUTER CABLE MODEM TO BE SELECTED AND APPROVED BY OWNER. INSTALL ADJACENT TO TELEPHONE OUTLET.

NOTE: A SECURITY ALARM SYSTEM SHALL BE PROVIDED AND INSTALLED BY OTHERS, AND CONNECTED TO ALL EXTERIOR DOORS AND WINDOWS OF THE ENTIRE HOME. THE CONTRACTOR SHALL COORDINATE INSTALLATION OF THIS ALARM SYSTEM WITH FRAMING AND DRYWALL INSTALLATION TO ENSURE SYSTEM IS INSTALLED PROPERLY AND WIRES ARE CONCEALED.

NOTE: A CUSTOM HOME ENTERTAINMENT SYSTEM AND STEREO SOUND SYSTEM SHALL BE PROVIDED AND INSTALLED BY OTHERS, AND CONNECTED TO THE ENTERTAINMENT CENTER AND TO SPEAKERS IN VARIOUS ROOMS TO BE SELECTED BY OWNER. COORDINATE INSTALLATION OF THIS SOUND SYSTEM WITH FRAMING AND DRYWALL INSTALLATION TO ENSURE SYSTEM IS INSTALLED PROPERLY AND WIRES ARE CONCEALED.

ENTERTAINMENT SYSTEM AND SECURITY ALARM SYSTEM SHALL BE SELECTED AND APPROVED BY OWNER.

SYMBOL SCHEDULE

- SINGLE POLE SWITCH
- SINGLE POLE 2-WAY SWITCH
- SINGLE POLE 3-WAY SWITCH
- DIMMER SWITCH
- 115/120 VOLT DUPLEX OUTLET
- 220 VOLT APPLIANCE OUTLET
- 115/120 VOLT DUPLEX OUTLET IN FLOOR WITH BRASS COVER PLATE
- "HALF-HOT" 115/120 VOLT SWITCHED DUPLEX OUTLET
- 115/120 VOLT GROUND FAULT INTERRUPTER PROTECTED DUPLEX OUTLET
- 115/120 VOLT GROUND FAULT INTERRUPTER PROTECTED DUPLEX OUTLET IN EXTERIOR WATERPROOF ENCLOSURE
- CEILING MOUNTED INCANDESCENT LIGHT FIXTURE
- RECESSED INCANDESCENT CAN LIGHT FIXTURE AND TRIM COVER
- RECESSED FLUORESCENT CAN LIGHT FIXTURE AND TRIM COVER
- RECESSED ADJUSTABLE SPOT LIGHT FIXTURE WITH TRIM COVER LID
- WALL MOUNTED INCANDESCENT SCONCE LIGHT FIXTURE
- WALL MOUNTED INCANDESCENT LIGHT FIXTURE
- EXTERIOR WATERPROOF WALL MOUNTED INCANDESCENT LIGHT FIXTURE
- CEILING SUSPENDED INCANDESCENT PENDANT LIGHT FIXTURE
- WALL MOUNTED FLUORESCENT LIGHT FIXTURE
- WALL MOUNTED VANITY TYPE INCANDESCENT LIGHT FIXTURE
- 15"x48" (2) TUBE SURFACE MOUNTED FLUORESCENT LIGHT FIXTURE WITH LENS COVER (RAPID START / ELECTRONIC BALLAST)
- 15"x48" (2) TUBE RECESSED FLUORESCENT LIGHT FIXTURE WITH LENS COVER (RAPID START / ELECTRONIC BALLAST)
- CEILING MOUNTED 42" CEILING FAN WITH (3) SPEED MOTOR.
- CEILING MOUNTED 42" LIGHTED CEILING FAN WITH (3) SPEED MOTOR AND SEPARATE SWITCH FOR LIGHT AND FAN.
- SMOKE DETECTOR. PROVIDE BATTERY OPERATED SMOKE DETECTORS IN EXISTING ROOMS FOR REMODEL PROJECTS. PROVIDE HARDWIRED INTERCONNECTED SMOKE DETECTORS WITH BATTERY BACKUP FOR ALL NEW CONSTRUCTION.
- RECESSED CEILING MOUNTED EXHAUST FAN.
- INCANDESCENT TRACK LIGHT FIXTURE WITH (4) ADJUSTABLE LIGHTS.
- HALOGEN TRACK LIGHT FIXTURE WITH (4) ADJUSTABLE LIGHTS.
- #12 INSULATED COPPER WITH GROUND WIRE (ROMEX)
- HARDWIRED WALL MOUNTED DOOR BELL WITH DECORATIVE COVERPLATE.
- DOOR BELL CHIME BOX
- DUAL MOTION ACTIVATED EXTERIOR FLOOD LIGHT FIXTURE.
- DUAL SWITCHED EXTERIOR FLOOD LIGHT FIXTURE.
- RECESSED DIGITAL SETBACK THERMOSTAT
- ADJUSTABLE FORCED AIR SUPPLY REGISTER, RECESSED IN CEILING.
- ADJUSTABLE FORCED AIR SUPPLY REGISTER, RECESSED IN WALL.
- RETURN AIR GRILLE RECESSED IN CEILING.
- RETURN AIR GRILLE RECESSED IN WALL.
- TELEVISION CABLE OUTLET AND COVER.
- TELEPHONE CABLE OUTLET AND COVER.
- HOSE BIBB
- MAIN PANEL OR SUB-PANEL AS INDICATED WITH BREAKER BOX AND MAIN SHUT-OFF.
- (E) INDICATES EXISTING LIGHT FIXTURE
- GC + GAS CONNECTION PER CODES
- LSU + LANDSCAPE IRRIGATION STUB-UP FOR FUTURE IRRIGATION SYSTEM BY OTHERS (N.E.C.). COORDINATE STUB-UP SIZE AND LOCATION WITH LANDSCAPE AND IRRIGATION DESIGN BY OTHERS.
- DSL > HIGH SPEED COMPUTER CABLE MODEM
- COMP > COMPUTER COAX
- ISU + LANDSCAPE IRRIGATION STUB UP & CONTROL BOX. CONTRACTOR SHALL COORDINATE ALL WORK WITH LANDSCAPE/IRRIGATION WORK BY OTHERS.
- GSU + PROVIDE GAS STUB UP, WATER SUPPLY STUB UP & 220 VOLT ELECTRICAL SUPPLY & SUB-PANEL PER CODES FOR FUTURE JACUZZI HOT TUB BY OWNER.

REVISIONS	BY

AFFORDABLE DESIGN AND DRAFTING
ARCHITECTURE
PHONE: (619) 442-1288
FAX: (619) 442-1288

THESE DRAWINGS ARE NOT
APPROVED FOR CONSTRUCTION
UNLESS SIGNED ABOVE BY THE
ARCHITECT, AND APPROVED BY
THE OWNER, AND BEAR THE
LOCAL BUILDING AND PLANNING
DEPARTMENT APPROVAL STAMPS
AND A BUILDING PERMIT
HAS BEEN OBTAINED.

DRAWN:	RB
CHECKED:	RB
DATE:	
SCALE:	SHOWN
SHEET	
A-9	
OF	SHEETS