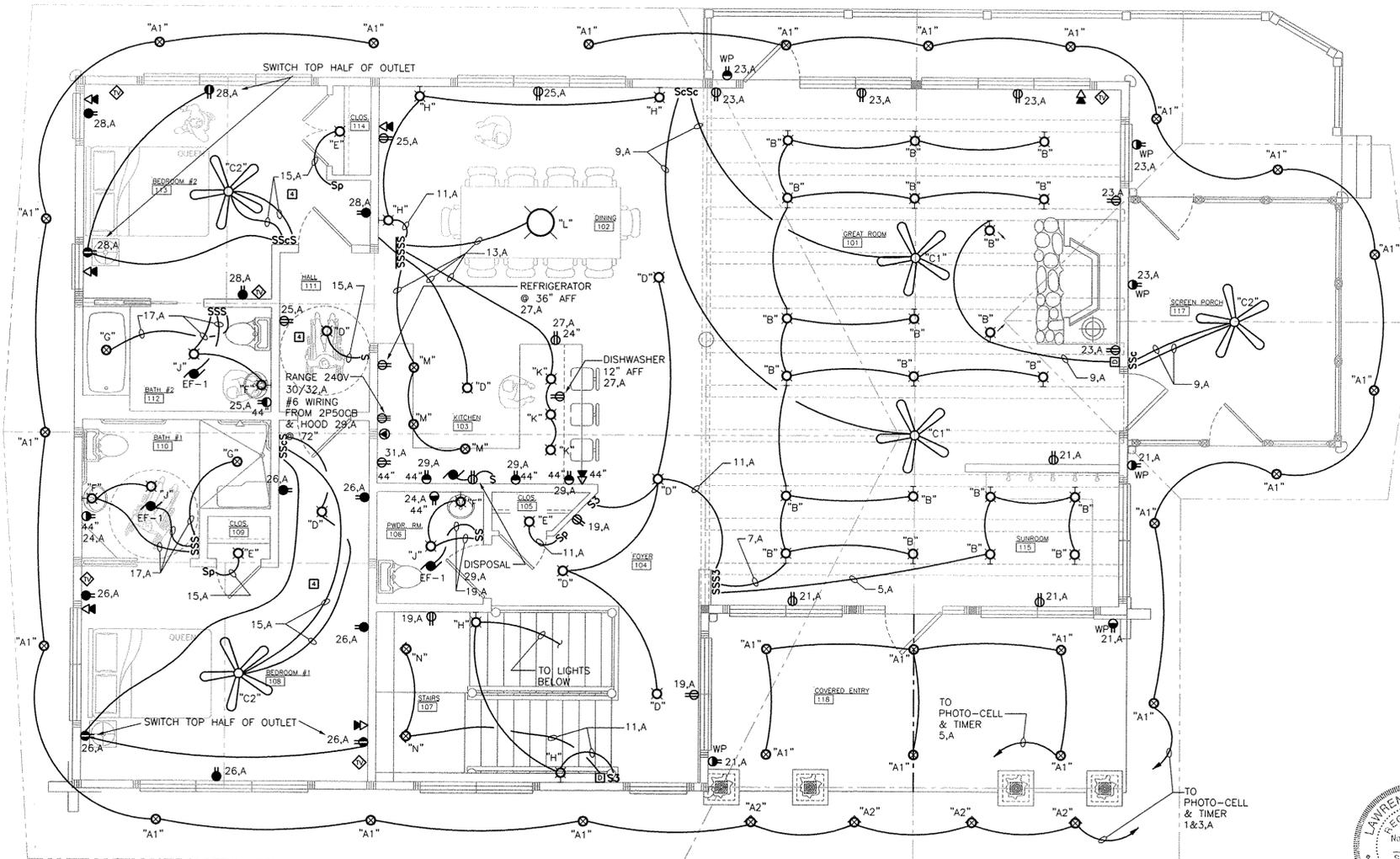


ELECTRICAL SYMBOL LEGEND		
SYMBOL	DESCRIPTION	MOUNTING HEIGHT
S	SINGLE POLE SWITCH	40"
S3	THREE-WAY SWITCH	40"
S4	FOUR-WAY SWITCH	40"
Sp	SWITCH WITH PILOT LIGHT	40"
Sc	FAN SPEED CONTROL SWITCH	40"
Sm	DIMMER SWITCH (1500W OR AS SHOWN)	40"
⊠	INDIVIDUAL MOTION SENSOR DEVICE	40"
⊙	MOTION DETECTOR IN CEILING	----
⊙	MOTION DETECTOR RELAY CONTROL	----
⊕	DUPLEX CONVENIENCE OUTLET	16" OR AS NOTED
⊕ ^C	CONVENIENCE OUTLET ABOVE COUNTER	44" (SEE ARCH.)
⊕ ^B	OUTLET HORIZ. IN BACKSPASH	(SEE ARCH.)
⊕ ^H	OUTLET HORIZ. IN BASEBOARD	(SEE ARCH.)
⊕ ^I	OUTLET WITH ISOLATED GROUND	16" OR AS NOTED
⊕ ^{WP}	CONVENIENCE OUTLET WITH GFI	16" OR AS NOTED
⊕ ^{WP}	WEATHERPROOF OUTLET WITH GFI	16" OR AS NOTED
⊕ ^{WP}	220V OUTLET	16" OR AS NOTED
⊕ ^{WP}	SAFETY CONVENIENCE OUTLET	16" OR AS NOTED
⊕ ^{WP}	SPLIT-WIRED CONVENIENCE OUTLET	16" OR AS NOTED
⊕ ^{WP}	OUTLET PROTECTED BY ARC FAULT BKR.	16" OR AS NOTED
⊕ ^{WP}	4-PLEX CONVENIENCE OUTLET	16" OR AS NOTED
⊕ ^{WP}	COMBINATION SWITCH/OUTLET	40"
⊕ ^{WP}	SPECIAL OUTLET AS NOTED	16" OR AS NOTED
⊕ ^{WP}	DISCONNECT SWITCH	----
⊕ ^{WP}	CS/FDS	----
⊕ ^{WP}	MANUAL MOTOR STARTER	----
⊕ ^{WP}	SINGLE PHASE MOTOR	----
⊕ ^{WP}	3-PHASE MOTOR	----
⊕ ^{WP}	SURFACE BRANCH CIRCUIT PANELBOARD	----
⊕ ^{WP}	RECESSED BRANCH CIRCUIT PANELBOARD	----
⊕ ^{WP}	TRANSFORMER	----
⊕ ^{WP}	TELEPHONE/DATA COMBINATION OUTLET	16" OR AS NOTED
⊕ ^{WP}	TELEPHONE OUTLET	16" OR AS NOTED
⊕ ^{WP}	DATA OUTLET	16" OR AS NOTED
⊕ ^{WP}	TV OUTLET	16" OR AS NOTED
⊕ ^{WP}	CLOCK OUTLET, OR AS NOTED	84" OR AS NOTED
⊕ ^{WP}	VOLUME CONTROL	40" AFF
⊕ ^{WP}	BELL	84" OR AS NOTED
⊕ ^{WP}	SOUND SYSTEM COMPONENTS	AS NOTED
⊕ ^{WP}	RECESSED CEILING SPEAKER	----
⊕ ^{WP}	MAGNETIC LOCK	----
⊕ ^{WP}	SECURITY DOOR CONTACT	----
⊕ ^{WP}	MAGNETIC DOOR HOLDER	----
⊕ ^{WP}	PUSHBUTTON	40"
⊕ ^{WP}	JUNCTION BOX	----
⊕ ^{WP}	FIRE ALARM PULL STATION	40"
⊕ ^{WP}	FIRE ALARM AUDIO/VISUAL DEVICE	80"
⊕ ^{WP}	FIRE ALARM VISUAL DEVICE	80"
⊕ ^{WP}	FIRE ALARM SMOKE DETECTOR	----
⊕ ^{WP}	FIRE ALARM - ELEVATOR SMOKE DETECTOR	----
⊕ ^{WP}	FIRE ALARM DUCT SMOKE DETECTOR	----
⊕ ^{WP}	FIRE ALARM FLOW SWITCH	----
⊕ ^{WP}	FIRE ALARM OS&Y VALVE	----
⊕ ^{WP}	FIRE ALARM PIV VALVE	----
⊕ ^{WP}	FIRE ALARM HEAT DETECTOR	----
⊕ ^{WP}	FIRE ALARM SMOKE DETECTOR & A/V COMBO	----
⊕ ^{WP}	SECURITY KEYCARD ACCESS DEVICE	----
⊕ ^{WP}	RECESSED INCAND. OR FLUORESCENT	----
⊕ ^{WP}	RECESSED HID FIXTURE	----
⊕ ^{WP}	SURFACE OR PEND. INCAND OR FLUOR.	----
⊕ ^{WP}	SURFACE OR PEND. HID FIXTURE	----
⊕ ^{WP}	EXIT SIGN	----
⊕ ^{WP}	RECESSED FLUORESCENT TROFFER	----
⊕ ^{WP}	STRIP FLUORESCENT FIXTURE	----
⊕ ^{WP}	SURFACE FLUORESCENT FIXTURE	----
⊕ ^{WP}	BATTERY EMERGENCY FIXTURE	----
⊕ ^{WP}	EMERGENCY FIXTURE	----

NOTES: 1. ALL MOUNTING HEIGHTS ARE TO BOTTOM OF DEVICE.
2. ALL SYMBOLS SHOWN MAY NOT APPLY.

LIGHTING FIXTURE LEGEND - 120/208					
TYPE	DESCRIPTION	MOUNTING	LAMPS	MANUFACTURER & CATALOG NO.	NOTES
A1	6 INCH OPEN COMPACT FLUOR. DOWN LIGHT	RECESSED	(2)F260TT	LITHONIA GOTHAM #AF-2/260TT-6AR-120-GEB10RS HALO #C62261E-6250LI	
A2	SIM. TO "A1" EXCEPT WITH WALL WASH	RECESSED	(2)F260TT	LITHONIA GOTHAM #AFW-2/260TT-6AR-120-GEB10RS HALO #C62261E-6210LI	
B	INCANDESCENT DOWNLIGHT DIRECTIONAL	SURFACE	(1) 75W BR30	PROGRESS #P6398-30	
C1	52" 5 BLADE CEILING FAN	PENDANT	NO LAMPS	PROGRESS #P2503-86	
C2	52" 5 BLADE CEILING FAN W/ LIGHT KIT	PENDANT	(4) 60W A19 MAX.	PROGRESS #P2503-86 & #2616-86	4
D	INCANDESCENT CEILING LIGHT	SURFACE	(2) 60W A19 MAX.	PROGRESS #P3551-77	4
E	INCANDESCENT CLOSET LIGHT	SURFACE	(2) 60W A19 MAX.	PROGRESS #P3410-30	4
F	INCANDESCENT VANITY LIGHT	WALL @ 80" (ABOVE MIRROR)	(3) 100W A19 MAX.	PROGRESS #P3202-77	4
G	INCANDESCENT RECESSED SHOWER LIGHT	RECESSED	(1) 40W A19 MAX.	PROGRESS #P87-AT & P8025-60	4
H	INCANDESCENT WALL SCONCE	WALL @ 80" TO BOTTOM	(1) 100W A19 MAX.	PROGRESS #P3200-77	4
J	BATH FAN/LIGHT COMBINATION TO CFM FAN	RECESSED	(2) 60W A19 MAX.	PROGRESS #PV005-09	4
K	INCANDESCENT PENDANT FIXTURE	PENDANT	(1) 100W A19 MAX.	PROGRESS #P5062-77	4
L	INCANDESCENT 5 LIGHT CHANDELER	PENDANT	(5) 100W A19 MAX.	PROGRESS #P4072-77	4
M	INCANDESCENT RECESSED DOWNLIGHT	RECESSED	(1) 75W PAR 30 OR (1) 65W BR30	PROGRESS #P87-AT & P8066-28	4
N	INCANDESCENT RECESSED DOWNLIGHT W/ WALLWASH REFLECTOR	RECESSED	(1) 50W PAR 30 OR (1) 65W BR30	PROGRESS #P87-AT & P8079-28	
P	4" FLUORESCENT STRIP LIGHT	SURFACE	(2)F32TB/SPX35	LITHONIA #C-232-A-120-GEB10RS METALUX #S5-232-120-TEB81	
Q	OUTDOOR LANTERN	WALL @ 80" TO BOTTOM	(2) 60W CANDELABRA BASE MAX.	PROGRESS #P5835-77	

- LIGHTING FIXTURES OF EQUAL QUALITY (GRADE, PHOTOMETRICS, SHAPE, COLOR, ETC.) ARE APPROVED FOR BIDDING PURPOSES. MANUFACTURERS TO BE COOPER LIGHTING, LITHONIA LIGHTING AND/OR L.C.A.-GE LIGHTING (COLUMBIA, ETC.), UNLESS OTHERWISE NOTED. FIXTURES MARKED * SHALL BE SINGLE SOURCE AS NOTED (SEPARATELY PRICED), OR ALLOWANCE AS NOTED.
- WALL MOUNTED LIGHTING, ESPECIALLY FIXTURES IN PATHS OF EGRESS (I.E. SCONCES) SHALL MEET "ADA" REQUIREMENTS FOR DEPTH (4") OR HEIGHT (80" TO BOTTOM).
- FINAL COLOR TO BE CHOSEN BY ARCHITECT-OWNER. VERIFY EXACT LAMP PER FIXTURE MANUFACTURER.
- IF SO DESIRED, REPLACE MEDIUM SOCKETED INCANDESCENT LAMPS WITH SELF-BALLASTED COMPACT FLUORESCENT BULBS FOR ENERGY CONSERVATION.

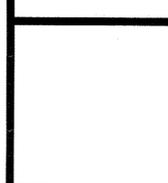


FIRST FLOOR ELECTRICAL PLAN

SCALE: 1/4" = 1'-0"



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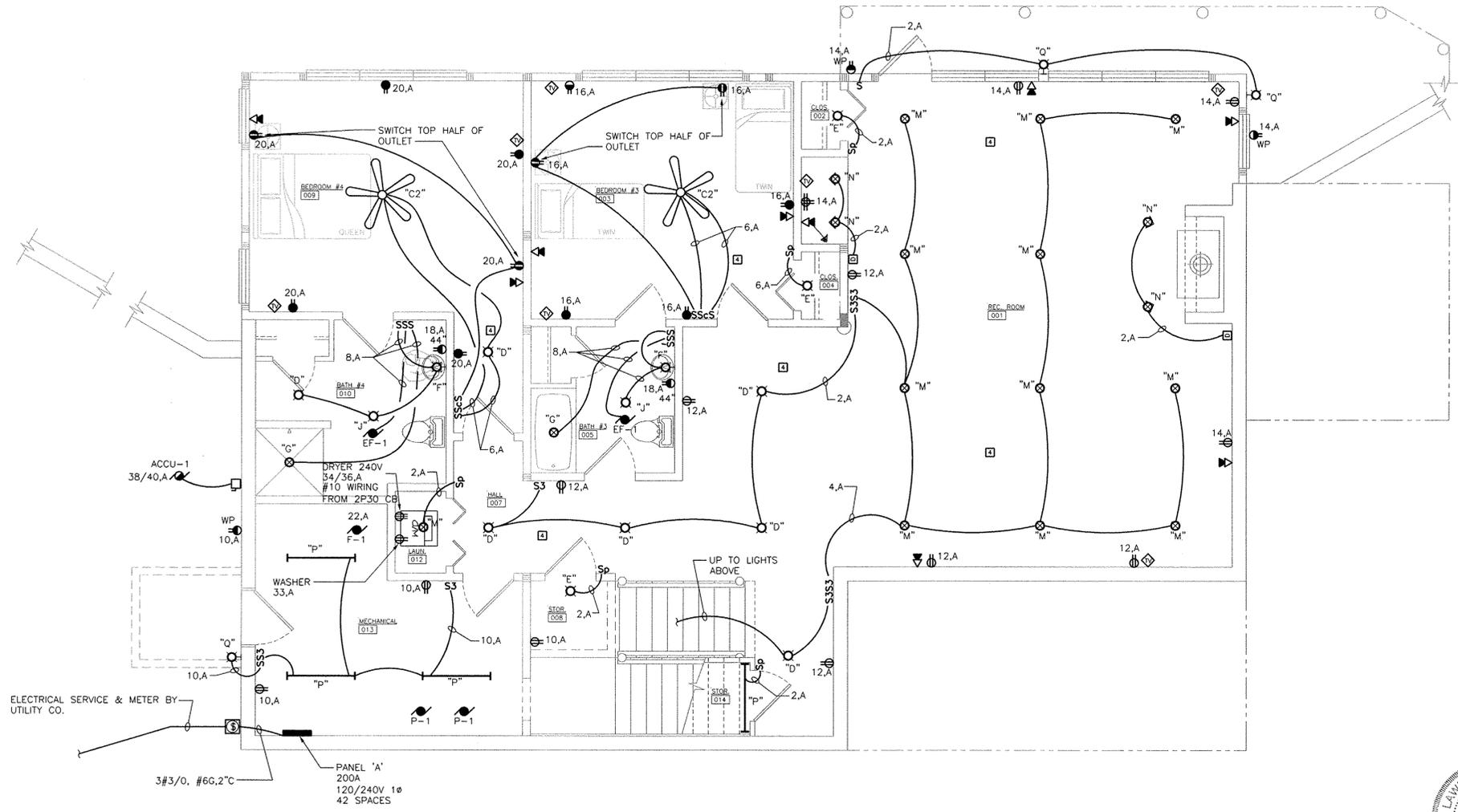


SPRINGHILL GUEST HOUSE, CAMP 39
SEYMOUR, INDIANA

ISSUED FOR:	7/14/05 CONSTRUCTION
PROJECT NUMBER:	2005207
DATE:	7/14/05
DRAWING NUMBER:	E2.1

ELECTRICAL SPECIFICATIONS

1. FURNISH AND INSTALL FIRST-CLASS WORKING SYSTEMS, TESTED AND READY FOR OPERATIONS. FIELD VERIFICATION OF ALL WORK AND DIMENSIONS ARE REQUIRED, INCLUDING COORDINATION WITH OTHER TRADES - NOTIFY THE ARCHITECT AND/OR ENGINEER OF ANY DISCREPANCIES.
2. COMPLY WITH THE CURRENT INTERNATIONAL BUILDING CODE (I.B.C.), NATIONAL ELECTRICAL CODE (N.E.C.), PLUS LOCAL OR STATE CODES, LAWS ORDINANCES RULES AND REGULATIONS (INCLUDING O.S.H.A.). OBTAIN ALL PERMITS AND APPROVALS REQUIRED FOR OCCUPANCY RELATED TO THE ELECTRICAL WORK.
3. CONDUIT EXPOSED OUTDOORS TO BE RIGID GALVANIZED CONDUIT (RGC), PLASTIC (PVC) BELOW GRADE OR SLAB AND PVC COATED RGC WHERE CONDUIT PENETRATES GRADE OR EXTERIOR SLAB.
4. ALL CONDUCTORS SHALL BE NEW COPPER.
5. EXTEND THE COMPLETE GROUNDING SYSTEM IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE. INCLUDE INSULATED GROUND FOR ALL EXTERIOR AS WELL AS KITCHEN AND TOILET CIRCUITS.
6. CONVENIENCE OUTLETS AND SWITCHES SHALL BE SPECIFICATION GRADE RATED AT 20 AMPERES, 125 VOLTS AND BEAR THE U.L. LABEL OF APPROVAL. COLOR OF DEVICES & COVERPLATES TO BE COORDINATED ON SITE.
7. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL FIXTURES WITH LAMPS, AS SHOWN ON THE DRAWINGS. ALL BALLAST SHALL BE ELECTRONIC AND 20% THD OR LOWER.
8. PROVIDE SYSTEM RACEWAYS, AS INDICATED ON THE DRAWINGS (I.E. TELEPHONE, DATA, ETC.) AND VERIFY PROPER OPERATIONS. OTHERS WILL INSTALL SPECIFIC SYSTEMS, AS DIRECTED BY THE OWNER.
9. RECONNECT AND/OR COMPLETE POWER AND CONTROL WIRING FOR MECHANICAL EQUIPMENT AS REQUIRED ON THE DRAWINGS. VERIFY ALL REQUIREMENTS BEFORE PROCEEDING. ANY CONTRACTOR MAKING CHANGES TO THE ORIGINAL DOCUMENTS SHALL PAY FOR SUBSEQUENT INCREASES REQUIRED BY THE EC.
10. ALL BREAKERS TO HAVE COMMON TRIP FOR 2 AND 3 POLE CONFIGURATIONS (15A & 20A SHALL BE "SWD" RATED). "HACR" BREAKERS OR DUAL ELEMENT FUSES SHALL BE USED FOR ALL MOTOR OVERCURRENT PROTECTION.
11. UTILIZE STANDARD PANELBOARDS, LOAD CENTER TYPE PANELBOARDS SHALL NOT BE USED.
12. ALL EQUIPMENT/DEVICES TO BE PROPERLY RATED FOR THE SPECIFIC SPACE (I.E. NEMA "1", "3R", "4", ETC.).



LOWER LEVEL ELECTRICAL PLAN
SCALE: 1/4" = 1'-0"



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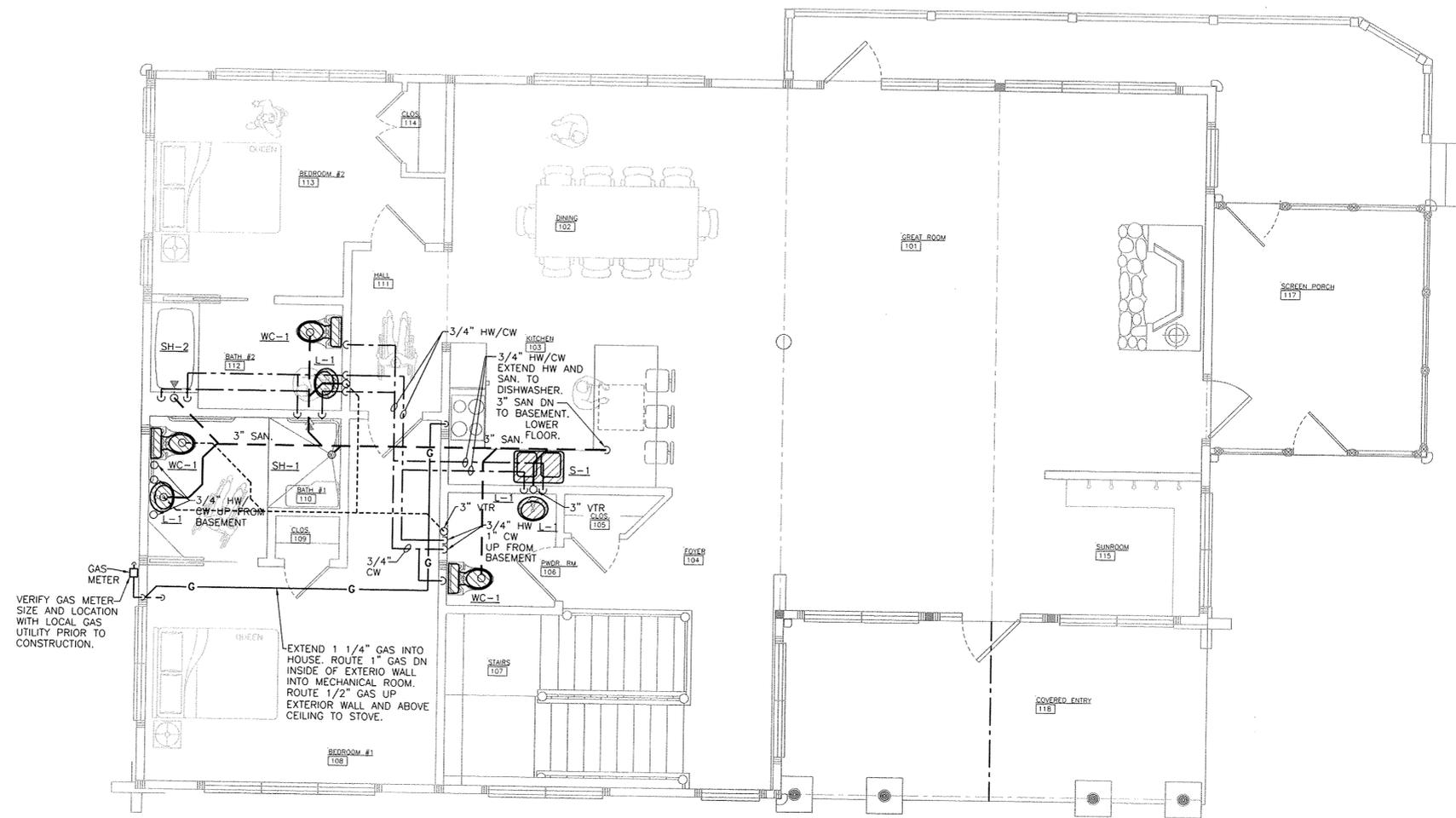
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SPRINGHILL GUEST HOUSE, CAMP 39°
 SEYMOUR, INDIANA

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VERIFY GAS METER SIZE AND LOCATION WITH LOCAL GAS UTILITY PRIOR TO CONSTRUCTION.

EXTEND 1 1/4" GAS INTO HOUSE. ROUTE 1" GAS DN INTO MECHANICAL ROOM. ROUTE 1/2" GAS UP EXTERIOR WALL AND ABOVE CEILING TO STOVE.

FIRST FLOOR PLUMBING PLAN
 SCALE: 1/4" = 1'-0"



7.14.05

PLUMBING FIXTURE LIST

WC-1 FLOOR MOUNTED, TANK TYPE, VITREOUS CHINA, ELONGATED BOWL, CLOSE COUPLED, 16 1/8" RIM HEIGHT, 1.6 GPF, BOLT CAPS, AMERICAN STANDARD CADET #2998.012. PROVIDE FLOAT VALVE WITH VACUUM BREAKER, TRIP LEVER ASSEMBLY INSTALLED ON BARRIER FREE ACCESS SIDE, 3/8" ANGLE VALVE SUPPLY WITH LOOSE KEY STOP, 3/8" FLEXIBLE CHROME TUBING AND WHITE SOLID PLASTIC OPEN FRONT SEAT, LESS COVER OLSONITE #95.

L-1 PROVIDE SINGLE LEVER FAUCET WITH AERATOR AMERICAN STANDARD "RELIANT" MODEL "2385.500" "BARRIER FREE", 3/8" LOOSE KEY OPERATED ANGLE STOPS, METAL POP-UP DRAIN AND TRAP ASSEMBLY. PROVIDE A TEMPERING VALVE AT ALL ACCESSIBLE HANDWASHING FIXTURES THAT CONFORMS TO ASSE 1016. SINK TO BE AMERICAN STANDARD "CADET" MODEL "0236.411". COLORS AND FINISHES BY ARCHITECT.

SH-1 SHOWER ENCLOSURE BY G.C. PROVIDE AMERICAN STANDARD "RELIANT+" MODEL "T495.501" SHOWER TRIM KIT WITH "R120SS" VALVE. KIT TO INCLUDE BRASS WALL ESCUTCHEON, ADA APPROVED METAL LEVER HANDLE, "EASY CLEAN" SHOWER HEAD AND SHOWER ARM AND FLANGE. PROVIDE PERFORATED FLOOR DRAIN.

SH-2 SHOWER/TUB ENCLOSURE BY G.C. PROVIDE AMERICAN STANDARD "RELIANT+" MODEL "T495.502" BATH/SHOWER TRIM KIT WITH "R120SS" VALVE. KIT TO INCLUDE BRASS WALL ESCUTCHEON, ADA APPROVED METAL LEVER HANDLE, "EASY CLEAN" SHOWERHEAD, SHOWER ARM AND FLANGE, AND SLIP-ON DIVERTER TUB SPOUT. PROVIDE POP-UP TUB DRAIN.

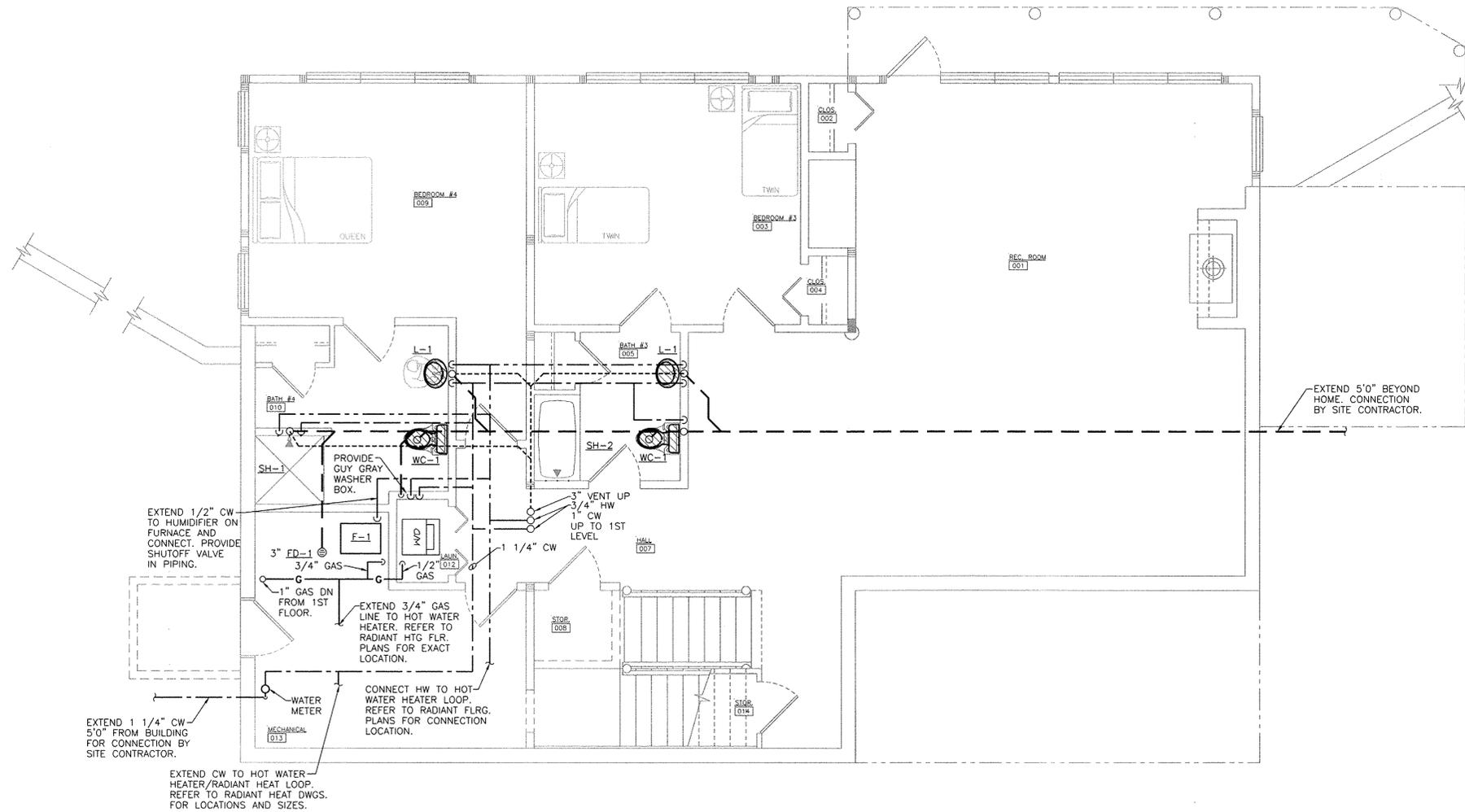
S-1 COUNTERTOP TYPE, SEAMLESS STAINLESS STEEL, 18 GAUGE, INTEGRAL MOUNTING RIM, ELKAY #LR-3319 WITH (2) 14"x14"x7 1/4" BOWLS. PROVIDE WITH FAUCET ELKAY #LK-2423 GOOSENECK, SWING SPOUT WITH AERATOR, 3/8" LOOSE KEY ANGLE STOPS, (2) 3 1/2" BASKET STRAINERS LK-35, 1 1/2" TAILPIECE AND 1 1/2" P-TRAP.

HOSE BIBB 3/4" HOSE THREADED NOZZLE CAST INTEGRAL, POLYCARBONATE HANDLE, BRASS OPERATING PARTS WITH COMPOSITION WASHERS. WOODFORD MODEL 14.

FD-1 CAST IRON FLOOR DRAIN WITH FLANGE, INTEGRAL REVERSIBLE COLLAR, SEEPAGE OPENINGS AND 6" ROUND ADJUSTABLE NICKEL BRONZE STRAINER TOP. ZURN #Z-415. PROVIDE A TRAP SEAL PRIMER VALVE CONFORMING TO ASSE 1018 OR ASSE 1044, ON ALL TRAPS SUBJECT TO LOSS BY EVAPORATION. CONNECT PRIMER VALVE PIPING TO NEAREST COLD WATER PIPE.

1. IN CONCEALED LOCATIONS WHERE PIPING IS INSTALLED THROUGH STUDS, JOISTS, OR RAFTERS, PROVIDE A 1/16" THICK STEEL PROTECTIVE SHIELD TO PROTECT THE PIPE FROM PUNCTURES.
2. PROVIDE WATER HAMMER ARRESTERS WHERE QUICK CLOSING VALVES ARE USED, OR AS REQUIRED. ARRESTERS SHALL CONFORM TO ASSE 1010 AND ACCESS SHALL BE PROVIDED TO EACH ARRESTER.
3. ALL PLUMBING VENTS THROUGH THE ROOF TO BE INSTALLED A MINIMUM OF 10'-0" AWAY FROM ALL FRESH AIR INTAKE OPENINGS.
4. DO NOT INSTALL ANY PIPING AROUND ELECTRICAL EQUIPMENT TO INSURE ALL CODE REQUIRED CLEARANCES. SEE ELECTRICAL PLANS FOR THESE LOCATIONS.
5. REFER TO MINIMUM SIZE CONNECTION SCHEDULE FOR ALL PLUMBING FIXTURES BRANCH PIPING SIZES.
6. PROVIDE IDENTIFICATION ON ALL SHUT-OFF VALVES SERVING WALL HYDRANTS AND HOSE BIBBS. IDENTIFY ALL OTHER VALVES THAT ARE NOT ADJACENT TO THE FIXTURE THEY SERVE.
7. PROVIDE A TEMPERING VALVE AT ALL ACCESSIBLE HANDWASHING FIXTURES THAT CONFORMS TO ASSE 1016.

PLUMBING NOTES



LOWER LEVEL PLUMBING PLAN

SCALE: 1/4" = 1'-0"

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7.14.05