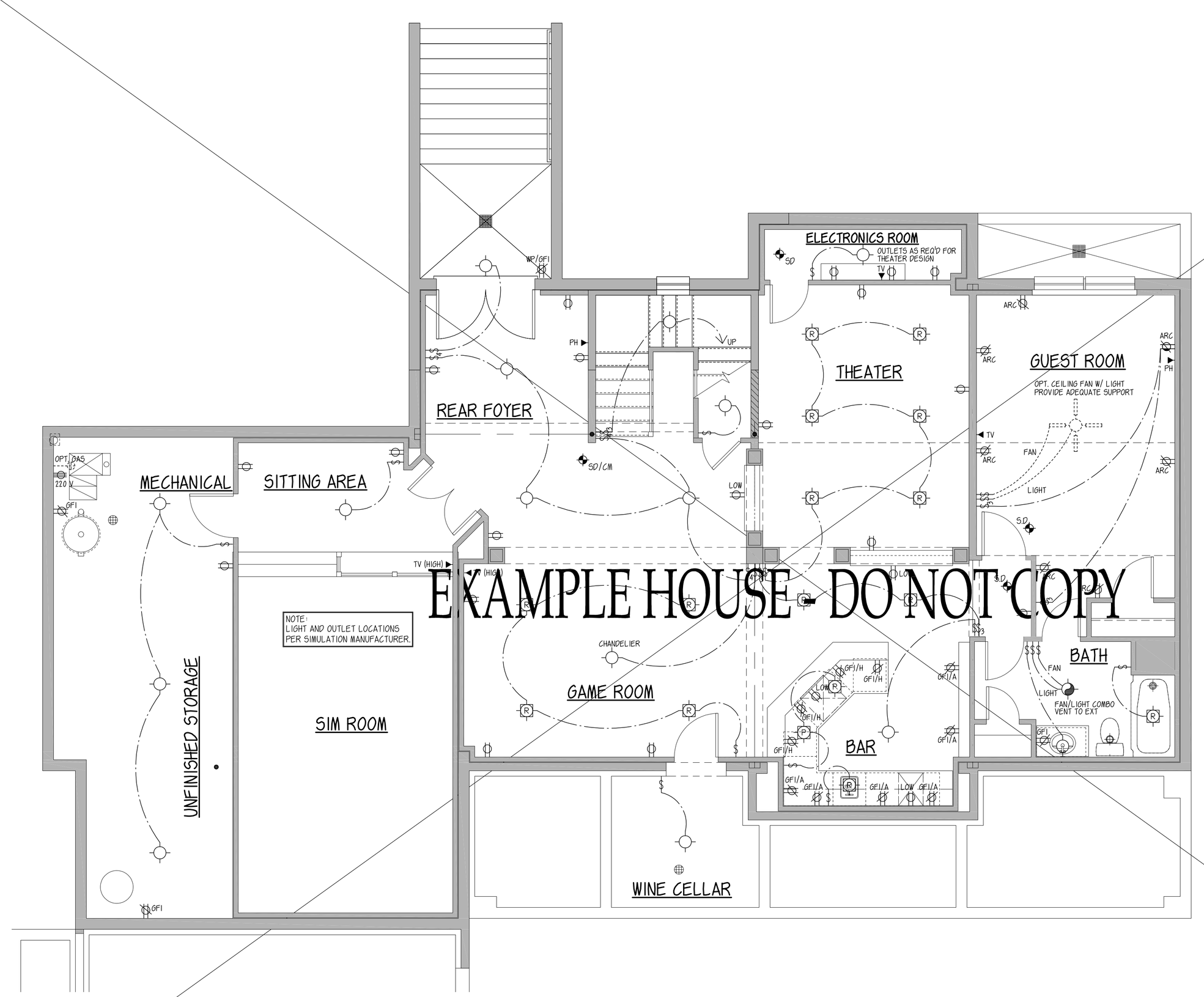

EXAMPLE HOUSE - DO NOT COPY

BASEMENT FLOOR ELECTRICAL PLAN

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

IMPORTANT - PLEASE READ BEFORE CONSTRUCTION

Electrical Notes

HOUSE SHALL BE BUILT IN ACCORDANCE W/ 2006 IRC

1. ALL ELECTRICAL PLANS MUST COMPLY 2005 NEC OR LOCAL CODES USED IN COUNTY THAT PLANS ARE SUBMITTED. ELECTRICIANS TO VERIFY LATEST CODES AND MODIFY PLANS AS REQUIRED. ALL INSTALLATIONS SHALL BE BY LICENSED ELECTRICIANS.
2. ELECTRICIAN TO PROVIDE OUTLETS AS REQUIRED TO ALL APPLIANCES, WH, FURNACE, COMPRESSOR, HOT TUB, AND SUMP.
3. ADJUST LAYOUTS PER JOIST/TRUSS LOCATION AS REQ'D. CONSULT W/ CARPENTER IF FRAMING NEEDS TO BE ADJUSTED.
4. CONTRACTOR TO VERIFY ALL TV, PHONE, AND OUTLET LOCATIONS PER HOME OWNERS REQUEST AND LOCAL CODES. PROVIDE CAT-5 CABLES AND OUTLETS IF REQUESTED FOR LAN BEFORE DRYWALLING- PLEASE VERIFY W/ HOME OWNER IF ANY TV OUTLET WILL REQUIRE A PHONE JACK WITH IT FOR SATELLITE NETWORKS.
5. CONTRACTOR TO VERIFY ELECTRICAL PANEL, ELECTRICAL METER, COMPRESSOR, AND GAS METER LOCATIONS PER SITE CONDITIONS.
6. CONTRACTOR TO VERIFY ALL GAS APPLIANCE REQUIREMENTS AND INSTALL PER LOCAL CODES.
7. CONTRACTOR TO PROVIDE ILLUMINATED SWITCH AT ALL STAIRWAYS.
8. INTERIOR STAIRWAYS SHALL BE PROVIDED WITH AN ARTIFICIAL LIGHT SOURCE LOCATED IN THE IMMEDIATE VICINITY OF EACH LANDING OF THE STAIRWAY. FOR INTERIOR STAIRS THE ARTIFICIAL LIGHT SOURCES SHALL BE CAPABLE OF ILLUMINATING TREADS AND LANDINGS TO LEVELS NOT LESS THAN 1 FOOT-CANDLE MEASURED AT THE CENTER OF TREADS AND LANDINGS. EXTERIOR STAIRWAYS SHALL BE PROVIDED WITH AN ARTIFICIAL LIGHT SOURCE LOCATED IN THE IMMEDIATE VICINITY OF THE TOP LANDING OF THE STAIRWAY. EXTERIOR STAIRWAYS PROVIDING ACCESS TO A BASEMENT FROM THE OUTSIDE GRADE LEVEL SHALL BE PROVIDED WITH AN ARTIFICIAL LIGHT SOURCE LOCATED IN THE IMMEDIATE VICINITY OF THE BOTTOM LANDING OF THE STAIRWAY.
9. ALL BEDROOM OUTLETS SHALL BE PROTECTED BY AN ARC-FAULT CIRCUIT INTERRUPTER PER E3802.11
10. SMOKE DETECTORS SHALL BE HARD-WIRED & INTERCONNECTED W/ BATTERY BACK-UP PER SECTION 313 OF THE 2006 IRC. A MIN. OF ONE CARBON DIOXIDE DETECTOR SHALL BE PLACED ON EACH FLOOR LEVEL IF REQUIRED BY LOCAL CODE. REFERENCE ELECTRICAL PLAN FOR SMOKE DETECTOR LOCATIONS. SMOKE ALARMS SHALL BE INTERCONNECTED IN SUCH A MANNER THAT THE ACTIVATION OF ONE ALARM SHALL ACTIVATE ALL ALARMS IN HOUSE.
11. ALL OUTLETS LOCATED IN LAUNDRY ROOM SHALL BE GFI OUTLETS.

Electrical Legend

- CONVENIENCE OUTLET - SET 12" AFF U.N.O.
- A — CONVENIENCE OUTLET -42" AFF
- H — CONV. OUTLET -MOUNTED HORIZ. IN BACKSPLASH
- 220 — CONV. OUTLET -220 VOLT
- CONVENIENCE OUTLET - 1/2 SWITCHED 12" A.F.F.
- WP/GFI — CONV. OUTLET- WATER PROOF- GRND FAULT INTERUPT
- GDO — GARAGE DOOR OPENER
- ARC — CONV. OUTLET - ARC-FAULT INTERUPT
- SWITCH, 3-WAY, 4-WAY- SET 38" AFF U.N.O.
- DUAL SWITCH STACK
- LIGHT FIXTURE
- WALL MOUNTED LIGHT FIXTURE
- R — RECESSED LIGHT FIXTURE
- S — RECESSED SPOTLIGHT LIGHT FIXTURE
- PC — SURFACE MOUNTED LIGHT FIXTURE WITH PULL CHAIN
- FLOURESCENT LIGHT
- FLOURESCENT LIGHT (UNDER CABINET)
- CHIMES — DOORBELL CHIMES
- DB — DOORBELL @ 32" A.F.F.
- E — ELEC. METER
- G — GAS METER
- VENT TO EXT — EXHAUST FAN
- FAN / LITE COMBO VENT TO EXT — EXHAUST FAN / LIGHT COMBO
- EP — ELECTRIC PANEL
- COMPRESSOR
- FD — FLOOR DRAIN W/CONDENSATE DRAIN LINE
- CLNG FAN
- D — JUNCTION BOX @ DISH WASHER
- T — THERMOSTAT
- T.V. — T.V. OUTLET @ 12" A.F.F.
- PHONE — TELEPHONE OUTLET @ 12" A.F.F.
- MULT — T.V. & TELEPHONE COMBINED OUTLET
- CAT5 — CAT5 COMPUTER NETWORK CABLE @ 12" A.F.F.
- SD — SMOKE DETECTOR - AC POWERED, INTERCONNECTED W/ BATTERY BAK-UP - LOCATE 4'-0" MIN. FROM RA REGISTERS (LOCATE @ HIGHEST POINT OF A VOLUME CEILING)
- SD/CM — SMOKE DETECTOR OR (COMBINATION) SMOKE / CARBON MONOXIDE DETESOR (ONLY IF REQ'D BY LOCAL CODE. AC POWERED, INTERCONNECTED W/ BATTERY BACK-UP - LOCATE 4'-0" MIN. FROM RA REGISTERS
- HB — HOSE BIB
- FD — FLOOR DRAIN
- WALL CAP
- J — JUNCTION BOX FOR FUTURE FIXTURES. TO BE FULLY WIRED FOR LABELED FIXTURE.

REVISED: 5/8/08

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the Smith Residence
BASEMENT ELECTRICAL PLAN

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NOTES:

SHEET
8.00