

architect  
**STUDIO MA**  
 130 N Central Avenue No.300  
 Phoenix, Arizona 85004  
 T 602 251 3800

sma project no.  
**16-101**

sma project name  
**POWDERCAT**

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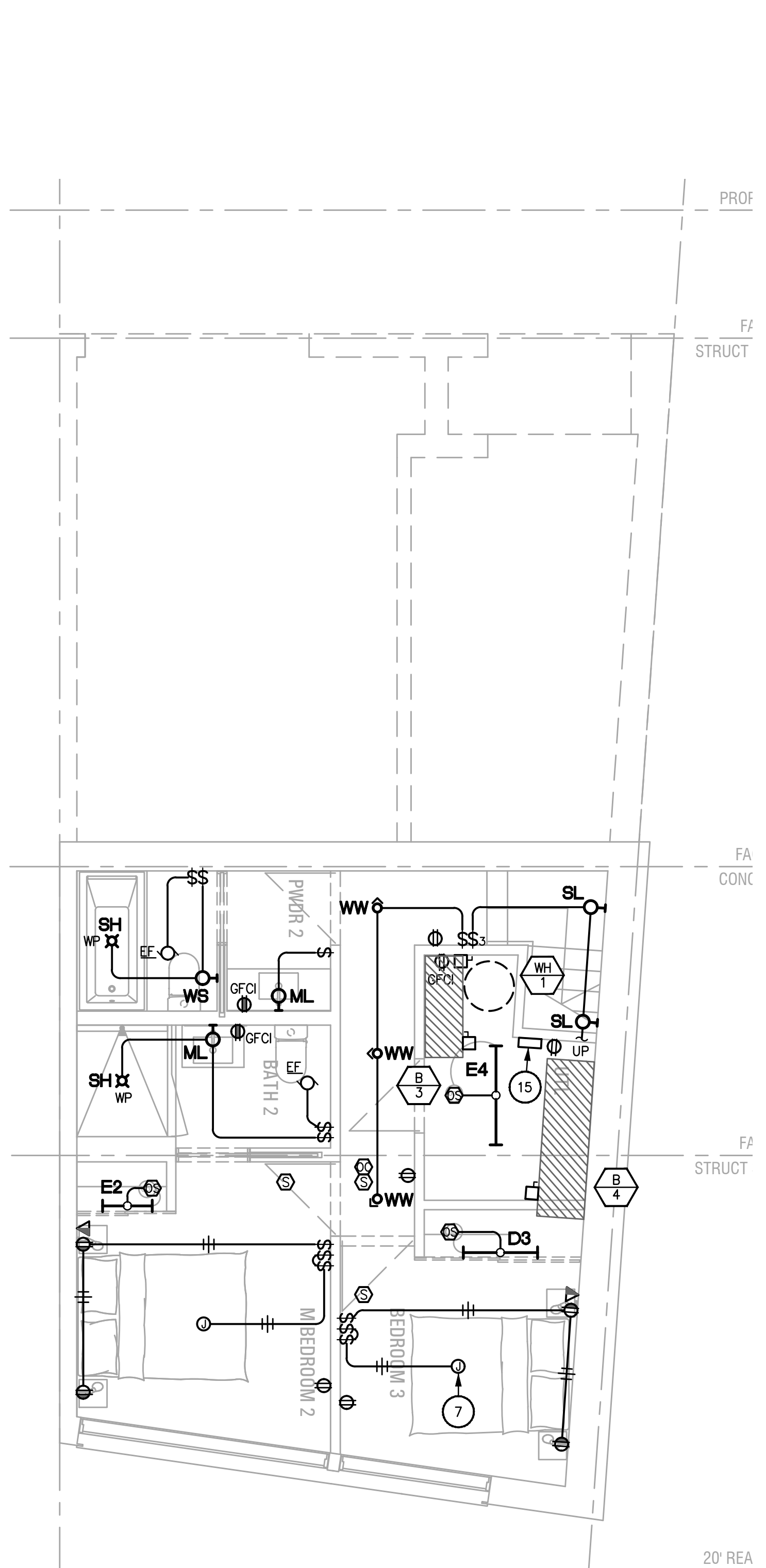
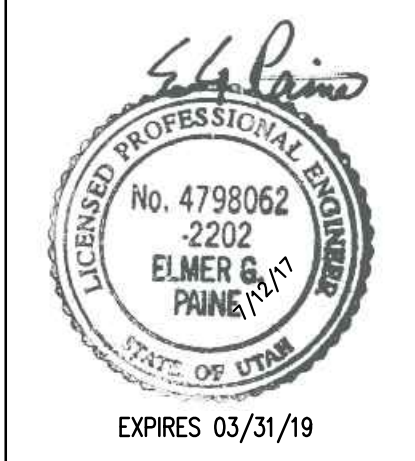
**OWNER**  
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 reston, va 20191  
 t (703) 289-2125

**CIVIL**  
 talisman civil consultants  
 5217 south state st, ste 200  
 murray, ut 84107  
 t (801) 743-1308

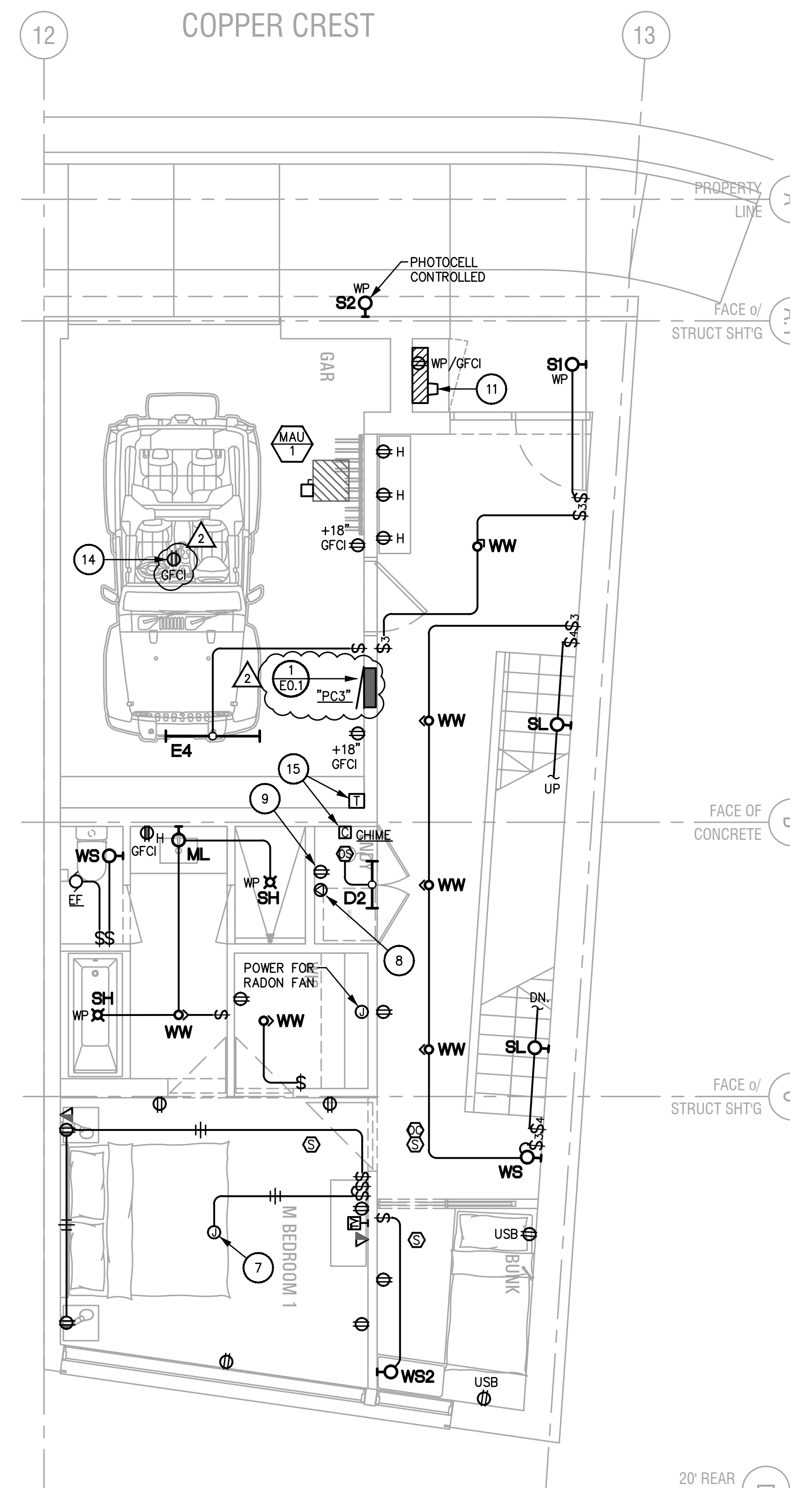
**STRUCTURAL**  
 rudow+berry, inc.  
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 t (480) 946-8171

**MECH/PLBG/ELEC**  
 peterson associates consulting engineers, inc.  
 7201 n dreamy draw dr, ste 200  
 phoenix, az 85020  
 t (602) 388-1732

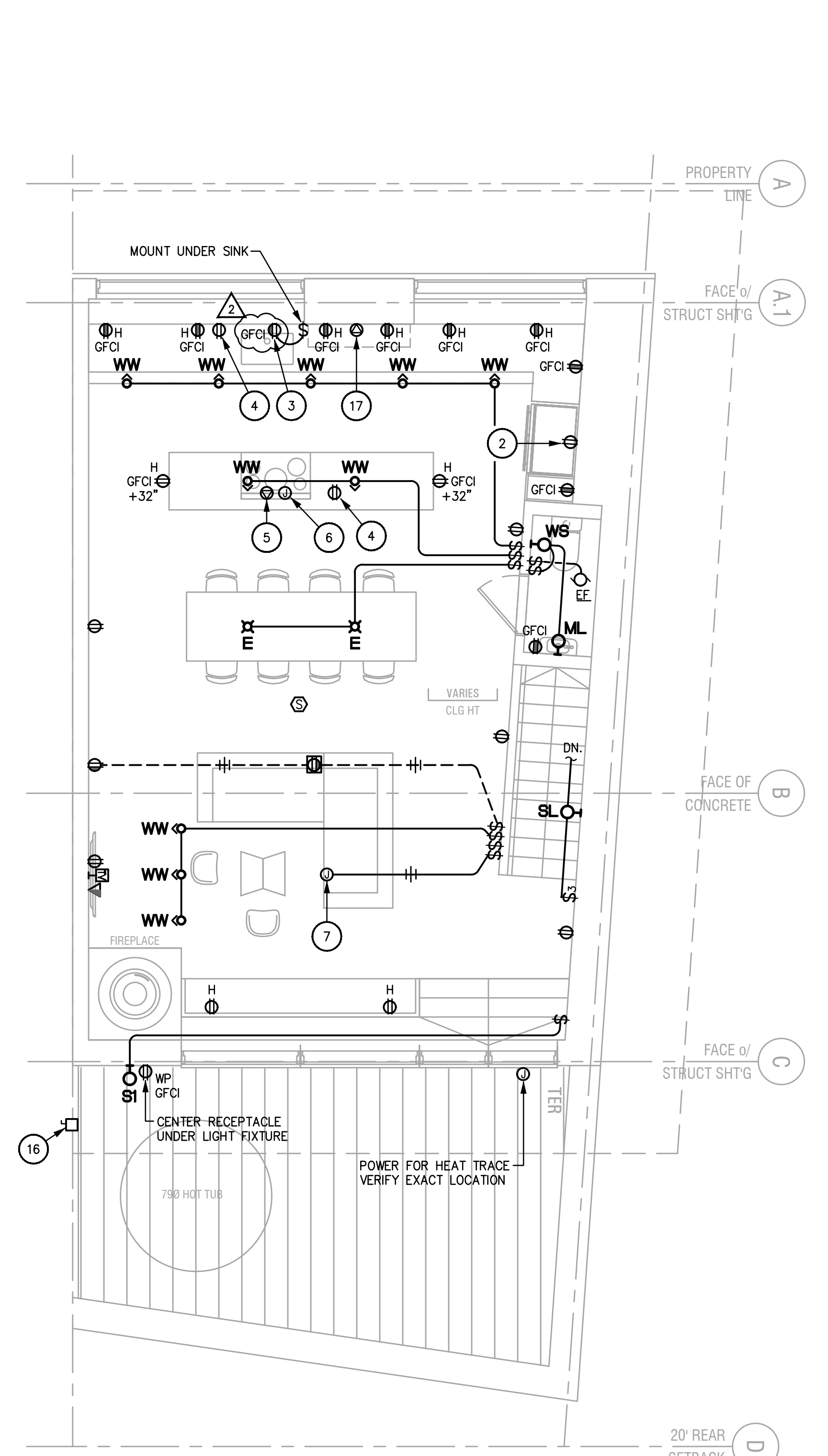
**LANDSCAPE**  
 langardt design group  
 328 W 200 S  
 salt lake city, ut 84101  
 t (801) 583-1295



**ELECTRICAL POWER PLAN - LOWER LEVEL**  
 1/4"=1'-0"



**ELECTRICAL POWER PLAN - ENTRY LEVEL**  
 1/4"=1'-0"



**ELECTRICAL POWER PLAN - UPPER LEVEL**  
 1/4"=1'-0"

- KEY NOTES:**
- GFCI OUTLETS FOR SMALL APPLIANCES, MOUNTED AT +42" A.F.F. OR AS PER ARCHITECTURAL DETAIL.
  - RECEPTACLE AT +36" A.F.F. FOR REFRIGERATOR.
  - HALF-SWITCHED RECEPTACLE BELOW COUNTER FOR GARBAGE DISPOSAL AND DISHWASHER.
  - RECEPTACLE MOUNTED UNDER COUNTER FOR MICROWAVE.
  - 50 AMP OUTLET FOR ELECTRIC COOKTOP (3)#6 CU, (1)#10 CU. GND, MOUNT PER APPLIANCE MANUFACTURERS SPECIFICATIONS.
  - MOUNT J-BOX BELOW COUNTER FOR DOWN DRAFT VENT.
  - J-BOX FLUSH MOUNTED IN CEILING FOR "SF" TYPE FIXTURE. J-BOX SHALL BE U.L. LISTED FOR CEILING FAN APPLICATION (PROVIDE 3-WIRES FOR FAN AND LIGHT CONTROL).
  - 30 AMP OUTLET AT +40" A.F.F. FOR DRYER. (3)#10, (1)#10 GND, AT +36" A.F.F.
  - DEDICATED GFCI OUTLET AT +40" A.F.F. FOR LAUNDRY.
  - DISCONNECT SWITCH FOR A/C UNIT. MOUNT TO MAINTAIN ALL NEC CLEARANCES. (2)#8 CU, (1)#10 CU. GND.
  - ELECTRIC SERVICE METER AND DISCONNECT (REFER TO ONE-LINE DIAGRAM).
  - J-BOX FOR WATER HEATER. (2)#10 CU, (1)#10 CU. GND.
  - MEDIA ENCLOSURE BOX.
  - OUTLET FLUSH IN CEILING FOR GARAGE DOOR OPENER.
  - TRANSFORMER FOR DOORBELL; CHIME IN CLOSET.
  - 60A-2P FUSIBLE NEMA 3R DISCONNECT FOR FUTURE HOT TUB, LOCATE IN TERRACE WALL.
  - 30A OUTLET FOR OVEN. (4)#10, (1)#10 GND, MOUNT PER APPLIANCE MANUFACTURERS SPECIFICATIONS.
- ALL NOTES MAY NOT APPEAR ON THIS SHEET.

- NOTES:**
- LOCATE ALL DEVICES AS PER ARCHITECTURAL DRAWINGS UNLESS NOTED OTHERWISE, OR REQUEST LOCATION FROM ARCHITECT PRIOR TO ROUGH-IN IF NO LOCATION IS PROVIDED.
  - ALL SWITCHES TO BE LOCATED AS PER ARCHITECTURAL INTERIOR ELEVATIONS UNLESS NOTED OTHERWISE.
  - PROVIDE SHALLOW BOXES AS REQUIRED FOR INSTALLATION IN FURRED WALLS.

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**E2.2**  
**LOT 133 ENTRY AND LOWER LEVEL FLOOR PLANS**

1/4" = 1'-0"  
 Scale

CITY COMMENTS  
 7/12/2017

PERMIT SET  
 please / rev

2017.06.01  
 Date