

**RAISED SLAB FOUNDATION PLAN**  
SCALE: 1/4" = 1'-0"

**NOTE:**  
ALL EXTERIOR GRADE BEAMS TO EXTEND BELOW UNDISTURBED SOIL A HEIGHT OF 12".

**CONCRETE NOTES:**

1. REFER TO BUILDING PLANS FOR DOOR OPENINGS AND EXACT DIMENSIONS.
2. USE CONCRETE BRICK SUPPORTS TO MAINTAIN REINFORCING CLEARANCES. DO NOT USE CRU OR FACE BRICK.
3. FOUNDATION DESIGN BASED ON A-1 FILL DIRT. ALL EXTERIOR WALLS TO BE SET IN 18" DEPTH 1/2" x 1/2" x 1/2" FILL PLACED TO 1/2" BELOW GRADE. ALL INTERIOR WALLS TO BE SET IN 1/2" x 1/2" x 1/2" FILL PLACED TO 1/2" BELOW GRADE.
4. ALL CONCRETE SHALL DEVELOP 3000 PSI COMPRESSIVE STRENGTH. 28 DAYS. PLACE CONCRETE BY BATCHES. USE OF 2" PROVIDE SUPPORT TEST AND CYLINDERS AT BEGINNING AND END OF EACH BATCH.
5. GRADE 40 DEFORMED REINFORCING.
6. ASTM-616 USE REINFORCING.
7. APPLY A LIQUID MEMBRANE CEMENT CHROMAL TO ALL CONCRETE SURFACES. ACCORDING WITH MANUFACTURER'S RECOMMENDATIONS. USE GRADE PRODUCT OR EQUAL.
8. CONTRACTOR SHALL COORDINATE ALL DOOR, WINDOW AND OUT NOTICES ACCORDINGLY.
9. 2" CLEARANCE FOR REBAR, SIDES AND BOTTOM.
10. MIN. SLAB THICKNESS SHALL BE 4" ON HOUSE AND 6" ON DRIVEWAY INCLUDING DRIVEWAY.
11. FINISH GRADE TO SLOPE AWAY FROM THE HOUSE.
12. REFER TO ELECTRICAL PLAN FOR IN-SLAB WIRING AND OUTLET REQUIREMENTS.
13. CONTRACTOR SHALL EXCAVATE ALL FOOTINGS TO SOLID UNDISTURBED SOIL.
14. SLABS AND FOOTINGS SHALL BE PLACED CONSECUTIVELY IN A CONTINUOUS POUR. CONTRACTOR SHALL NOTIFY THE DESIGNER OF POUR SEQUENCE. POUR SHALL NOT BE ALLOWED WITHOUT PRIOR APPROVAL BY THE DESIGNER.
15. ALL DRIVEWAY FORMS SHALL HAVE THE PROPER CONTROL JOINTS AND CONTROL JOINTS AT A MINIMUM 10' ON CENTER. ALL CONTROL JOINTS SHALL HAVE A CONTROL JOINT AT THE CENTER OF THEM.

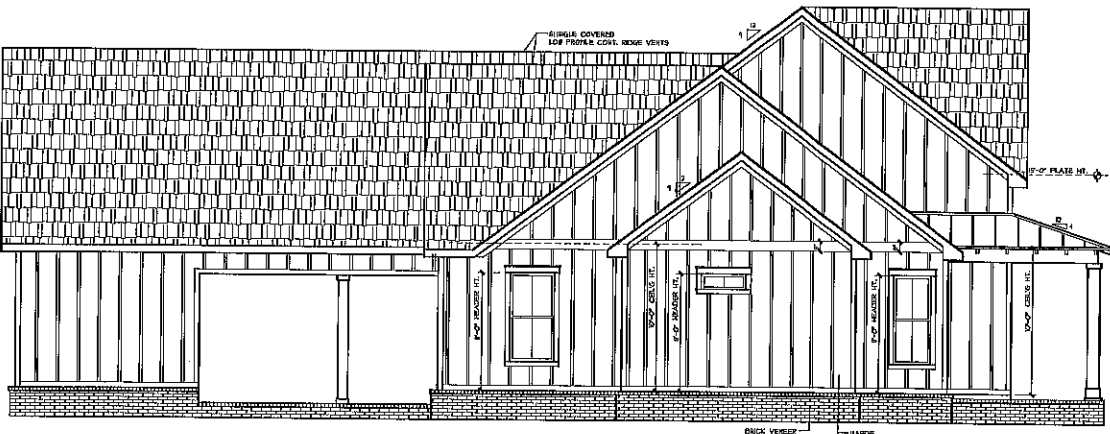
**FOUNDATION AND SITE WORK NOTES:**

1. CHECK ELECTRICAL PLAN FOR ANY CONDUIT OR PIPING TO BE INSTALLED THROUGH FOUNDATION.
2. TREAT THE SOIL PRIOR TO POURING CONCRETE AND RETAIN CERTIFICATE FOR OWNER.
3. GRADE LOT TO DRAIN AWAY FROM THE HOUSE. PROVIDE A MINIMUM OF 1/4" PER FOOT SLOPE.
4. GARMENT AND FRONT PORCH BEAMS ARE NOT SHOWN FOR CLARITY PURPOSES.
5. CONTRACTOR SHALL EXCAVATE ALL FOOTINGS TO SOLID UNDISTURBED SOIL. HEETING FOR MODIFIED PROCTOR AS TESTED.
6. ALL BRICKS USE FABRIC SHALL BE 6X 10X 10 MP.
7. POLYETHYLENE VAPOR BARRIER SHALL BE 1 MIL THICKNESS.

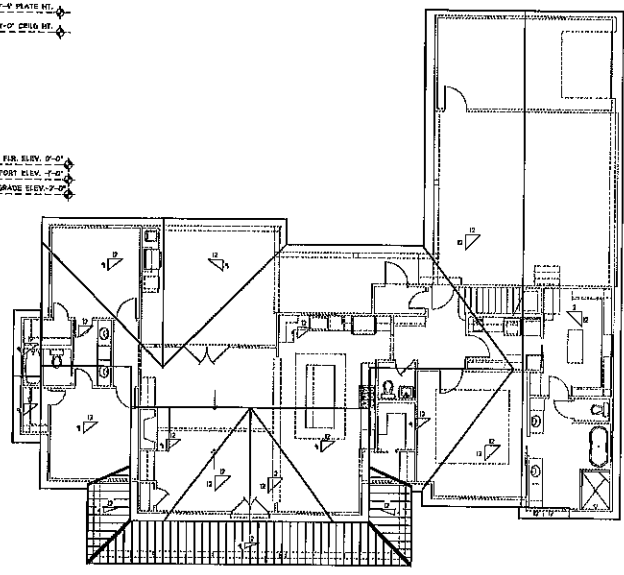
**NOTE:**  
THIS GENERIC FOUNDATION PLAN IS DESIGNED FOR AN EXISTING 3000 PSI 12" SLAB. BEARING CAPACITY OF ALL EXISTING 3000 PSI 12" SLAB BEARING CAPACITY SHALL BE PROVED AND RECORDED. ONLY A PROFESSIONAL LICENSEE BE CONSULTED. THIS PLAN DOES NOT PROVIDE ANY INFORMATION BY THE DESIGNER. THE USER SHALL BE RESPONSIBLE FOR THE STRUCTURAL PERFORMANCE OF THIS DESIGN.



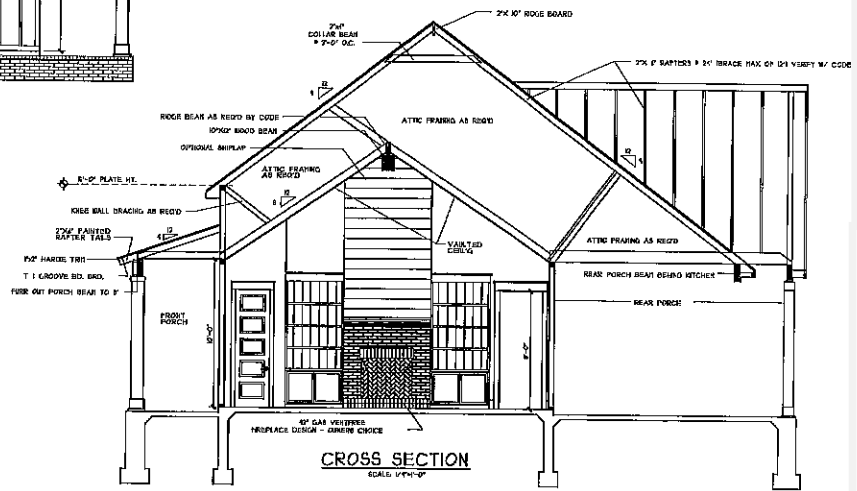
**RIGHT SIDE ELEVATION**  
SCALE: 1/8"=1'-0"



**LEFT SIDE ELEVATION**  
SCALE: 1/8"=1'-0"

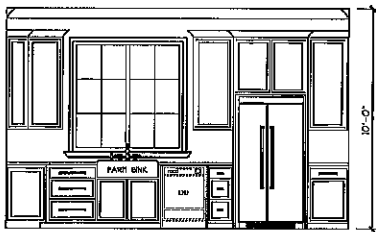


**ROOF PLAN**  
SCALE: 1/4"=1'-0"



**CROSS SECTION**  
SCALE: 1/8"=1'-0"

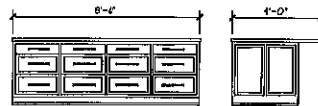




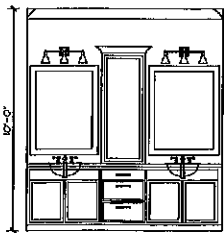
**A KITCHEN**  
SCALE: 3/8" = 1'-0"



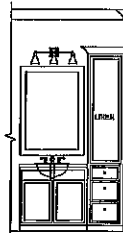
**B KITCHEN**  
SCALE: 3/8" = 1'-0"



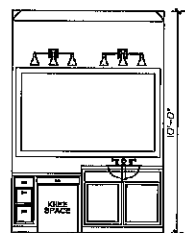
**ISLAND ELEVS.**  
SCALE: 3/8" = 1'-0"



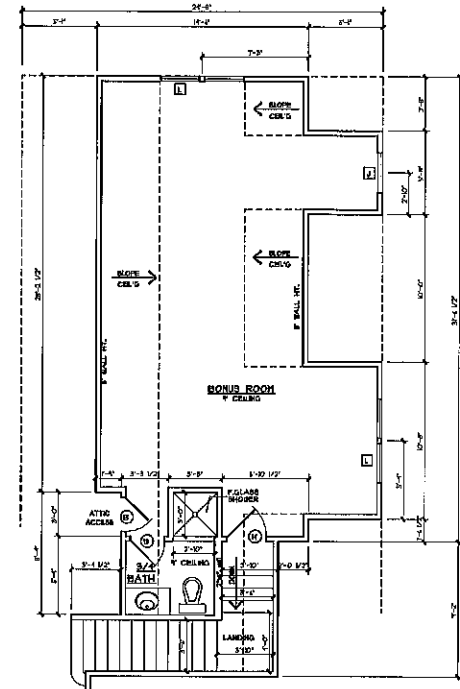
**C BATH #3**  
SCALE: 3/8" = 1'-0"



**D MASTER BATH**  
SCALE: 3/8" = 1'-0"

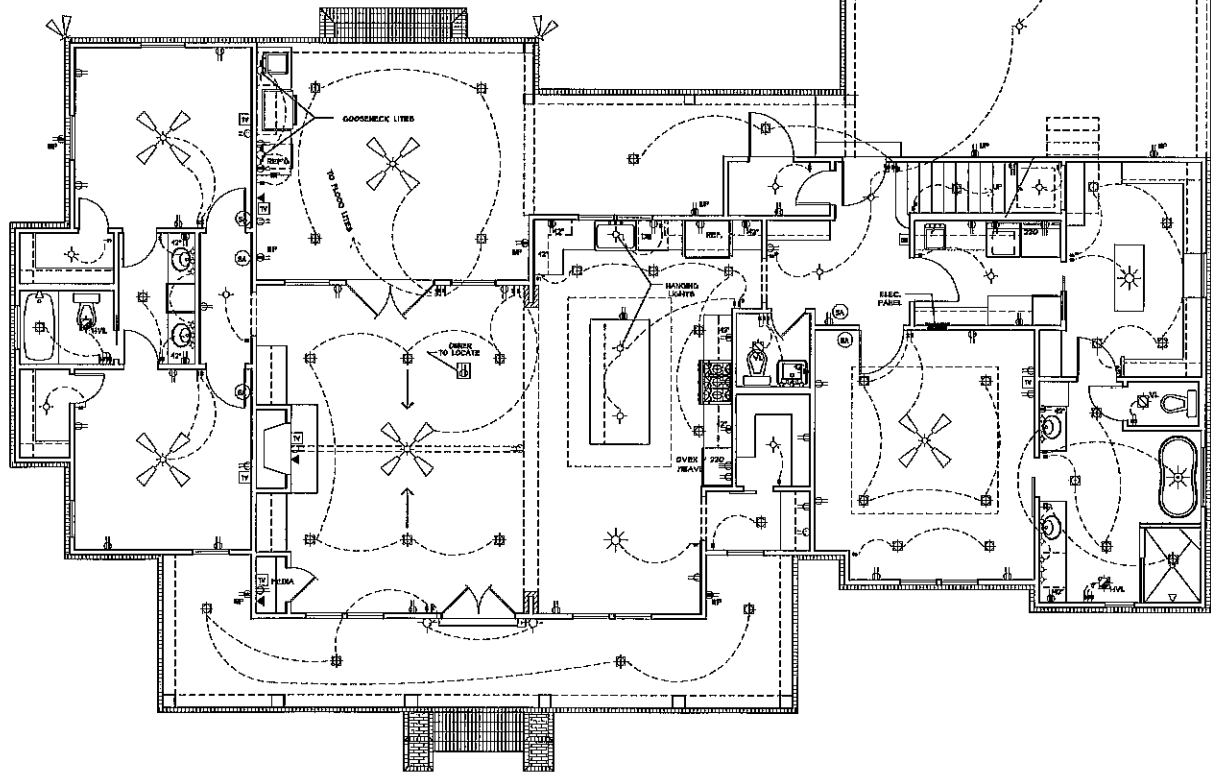


**E MASTER BATH**  
SCALE: 3/8" = 1'-0"

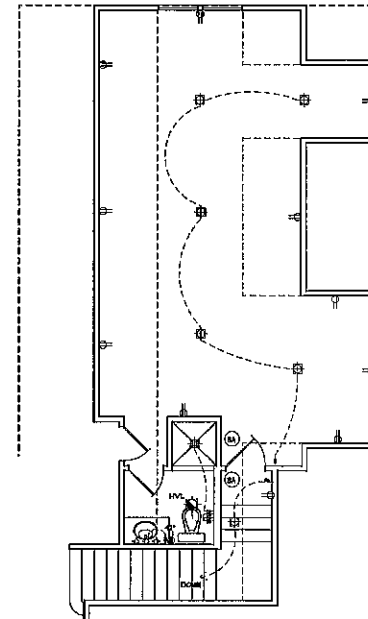


**BONUS ROOM FLOOR PLAN**  
SCALE: 1/4" = 1'-0"

ELECTRICAL SYMBOL LEGEND			
	TELEPHONE/ DATA/ NETWORK OUTLET		RECEPTACLE, 15A, 150V, 2 POLE 3 WIRE, GROUNDING DUPLEX
	FLOOR DUPLEX RECEPTACLE		GROUND-FAULT-CIRCUIT-INTERRUPTER RECEPTACLE-ONE SQUARE FOOT CIRCUIT GUARD FOR WP LOCATIONS
	RECEPTACLE, 20A, 220V, 2 POLE 3 WIRE, GROUNDING		TOGGLE SWITCH, SINGLE POLE, EA
	TOGGLE SWITCH, 3 WAY, EA		ELEC. DOOR BELL
	DOORBELL CHIME		EGRESS BUTTON
	LIGHT FIXTURE, INCANDESCENT CEILING MOUNTED		LIGHT FIXTURE, INCANDESCENT EXTERIOR FLOODS
	CEILING FAN W/ LIGHT - PROVIDE SEPARATE SWITCHES FOR F & L		LIGHT FIXTURE - CHANDELER W/ INCANDESCENT BULBS
	LED RECESSED LIGHT		LIGHT FIXTURE - FLOURESCENT
	SMOKE ALARM - 120V ELEC. W/ CHARGED BATTERY DETECTOR		VANITY LIGHT
	HEAT/VENT/LIGHT		VEST/LIGHT ONLY
	VEST/LIGHT ONLY		SECURITY LIGHT
	SECURITY LIGHT		ELECTRIC LANTERN



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



**BONUS ROOM**  
SCALE: 1/4" = 1'-0"

**PRE-WIRE FOR THE FOLLOWING:**

- TELEPHONE ROUTING LINE
- CABLE TV/RV FIRE OUTLET PER BOOK INSERT
- SECURITY SYSTEM - COORDINATE W/ OWNER
- COORDINATE ELECTRICAL SYSTEM WITH MECHANICAL CONTRACTOR
- ALL WIRING TO BE COPPER PER 12/2 W/ GROUND
- VERIFY LOCATION OF FLOOR OUTLETS IN PARKING ROOM
- PROVIDE 150V OUTLET FOR GARAGE DISPOSAL UNDER KITCHEN ISLAND
- PROVIDE 150V OUTLET FOR WIRING UNDER MOTOR UNDER W/IRING TUB IN MASTER BATH
- PROVIDE 220V OUTLET FOR CLOTHES DRYER
- COORDINATE BURROUND SYSTEM W/ OWNER

**ELECTRICAL NOTES:**

- MAIN FEED INTO HOME TO BE THROUGH UNDERGROUND FROM SUPPLY POLE TO RETURN THEN MAIN ENCLOSURE OUTSIDE.
- ALL SMOKE EXTRACTORS TO BE ELECTRIC POWERED WITH BATTERY BACKUP AND WIRE TO BE ALL ALARMS OFF IF ONE IS TRIPPED.
- ALL EXTERIOR, KITCHEN, AND BATH OUTLETS TO BE GROUND FAULT CIRCUIT INTERRUPTER EQUIPPED AND ON A SEPARATE CIRCUIT.
- ELECTRICAL DISCONNECTS ARE TO BE AT A/C UNIT, CONDENSING UNIT, AND WATER HEATER.
- HEAT VENT LIGHTS ARE TO BE ON A SEPARATE CIRCUIT.
- DETAILS INCLUDING FRONTS AND CASES, MAY BE ADDED OR CHANGED UPON OWNER'S REQUEST.
- ELECTRICAL CONTRACTOR TO VERIFY EQUIPMENT TYPE AND SIZE.
- INSTALL LIGHTS IN ATTIC SPACE W/ SWITCH AT FOOT OF DISP. STAIRS
- ELECTRICAL SERVICE TO BE A 40 CIRCUIT 100 AMP MAIN LOCATED IN THE UTILITY.
- A SUB-PANEL MAY NEED TO BE ADDED FOR SMOGGY CIRCUITS.
- HOME TO BE WIRED FOR A SECURITY SYSTEM.
- ALL KITCHEN OUTLETS ARE TO BE ON EXCEPT APPLIANCE OUTLETS NOT EASILY ACCESSIBLE.
- ARC FAULT BREAKERS ARE TO BE USED IN ALL BEDROOMS.
- IF GAS FIRED APPLIANCES ARE USED IN HOME, CARBON MONOXIDE ALARMS ARE NEEDED PER CODE.