2003 INTERNATIONAL RESIDENTIAL CODE
2005 NATIONAL ELECTRICAL CODE



# REHABILITATION

## ROBERT BRYAN
## 722 W. 12th. STREET
## CASA GRANDE, AZ

EXISTING RESIDENTIAL BUILDING 1056 SQ.FT.

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COVER PAGE

NAME ROBERT BRYAN
ADDRESS 722 W. 12TH. STREET

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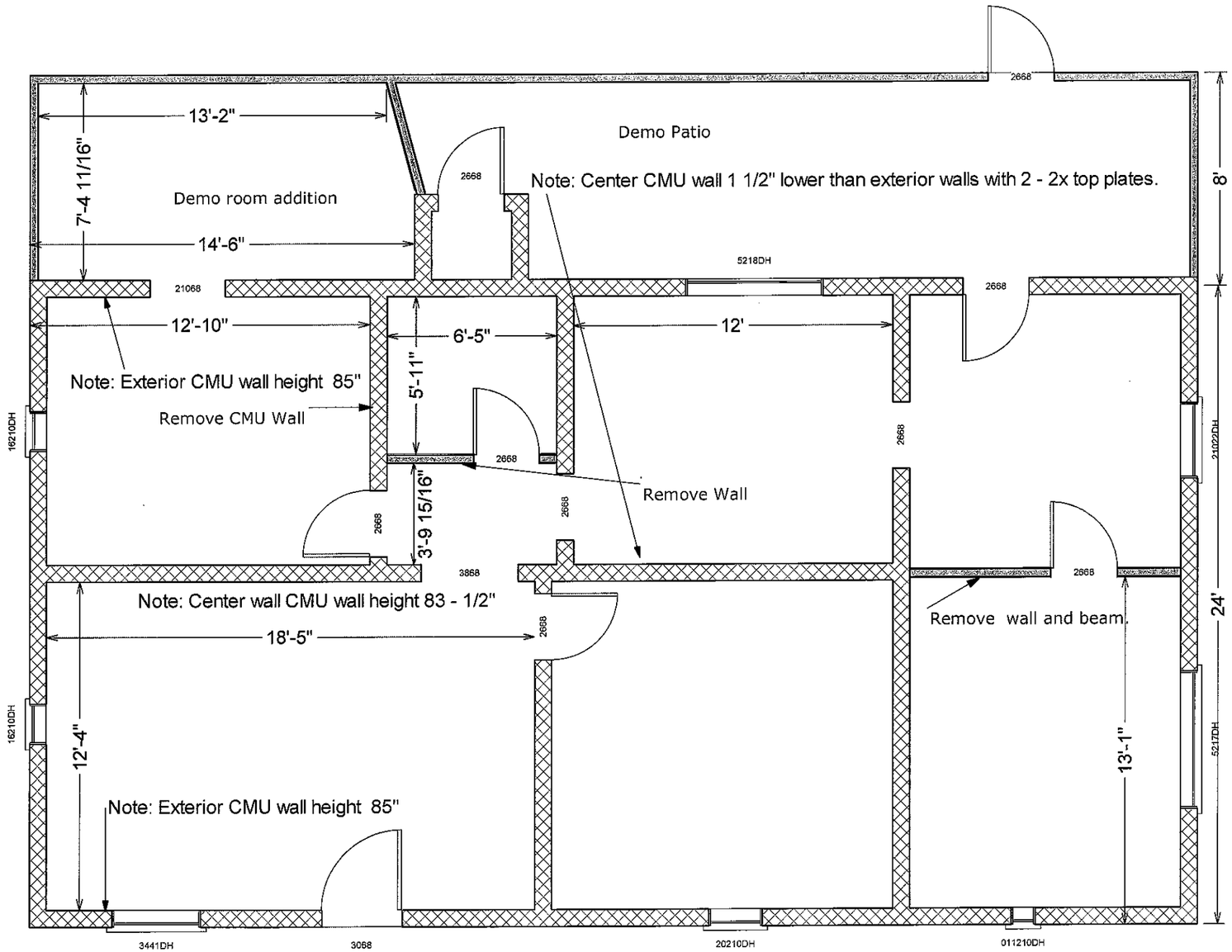
DATE 10/10/2013

PAGE 1




1st Floor

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| NAME | ROBERT BRYAN |
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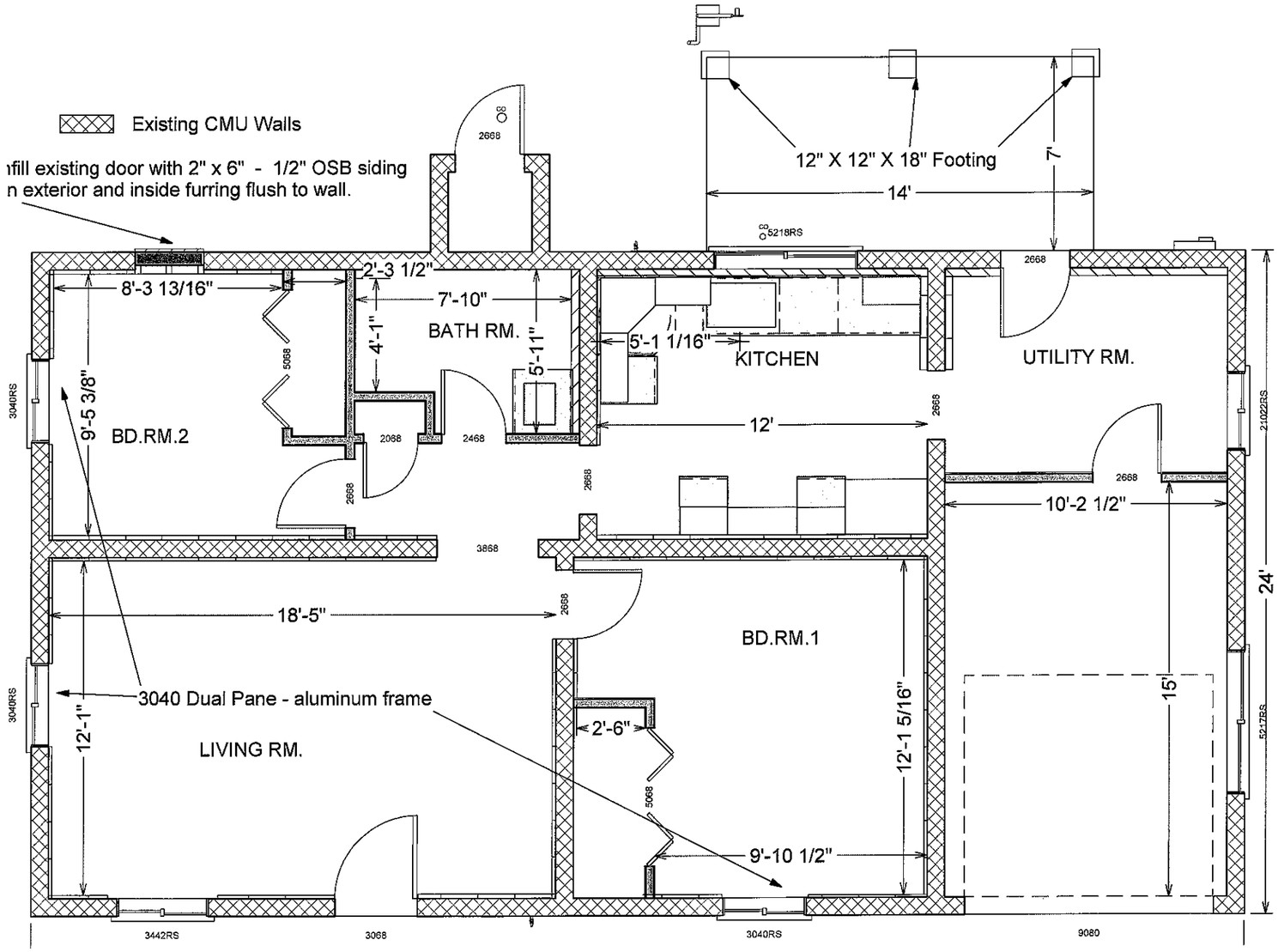


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# 1st Floor

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FLOOR PLAN

NAME ROBERT BRYAN
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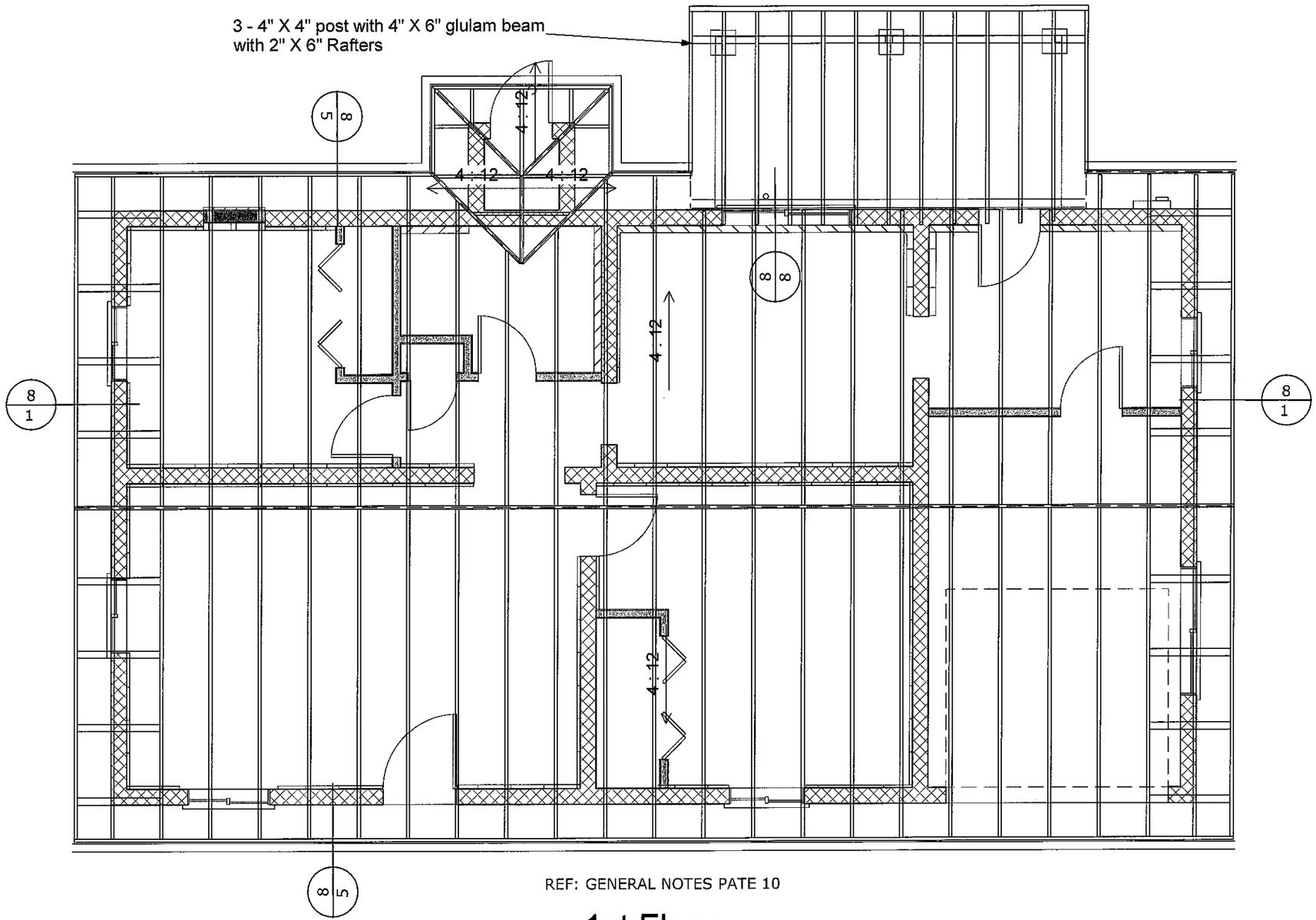


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# 1st Floor

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ROOF PLAN

NAME ROBERT BRYAN

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# 1st Floor

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ELECTRICAL PLAN

NAME ROBERT BRYAN

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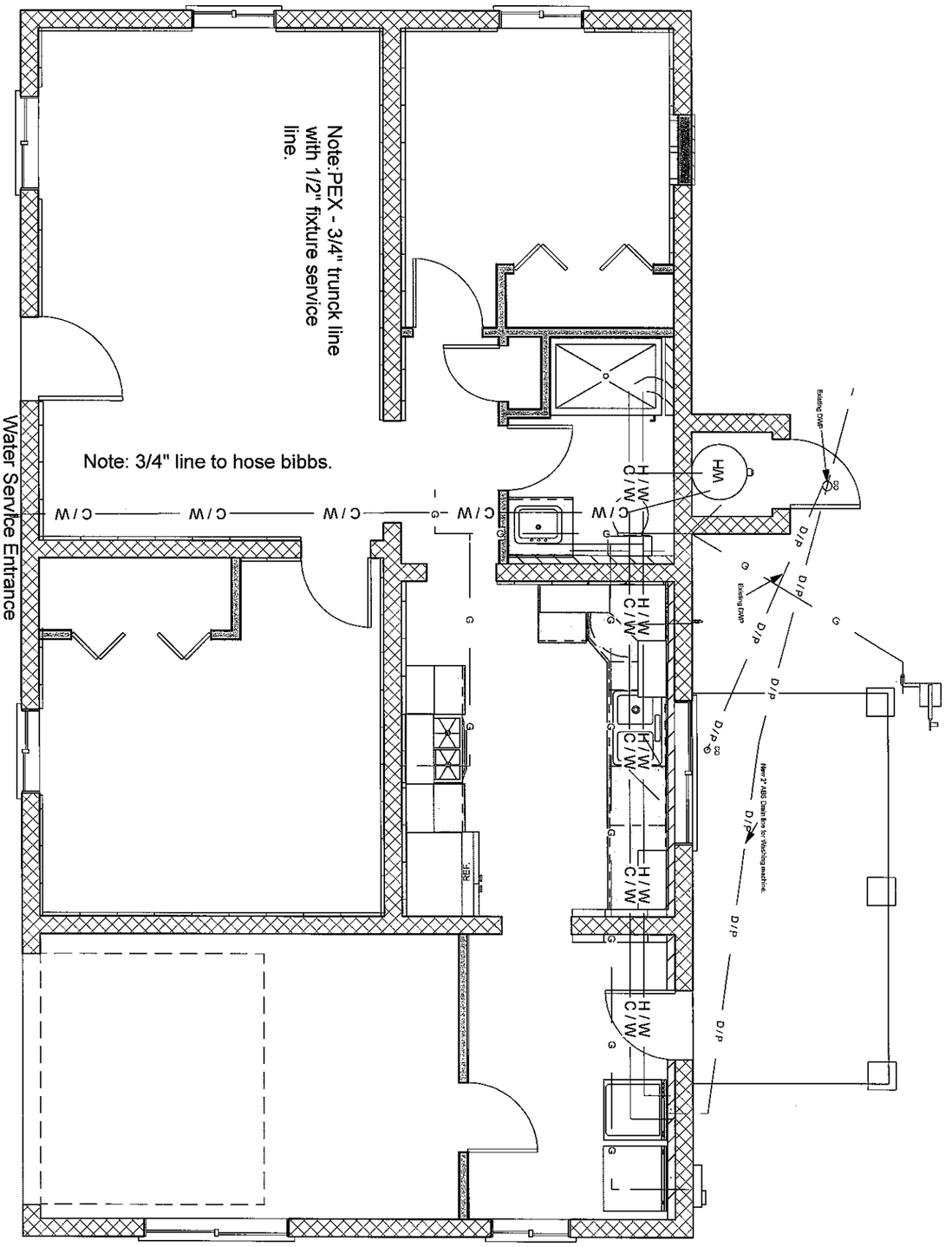


1st Floor

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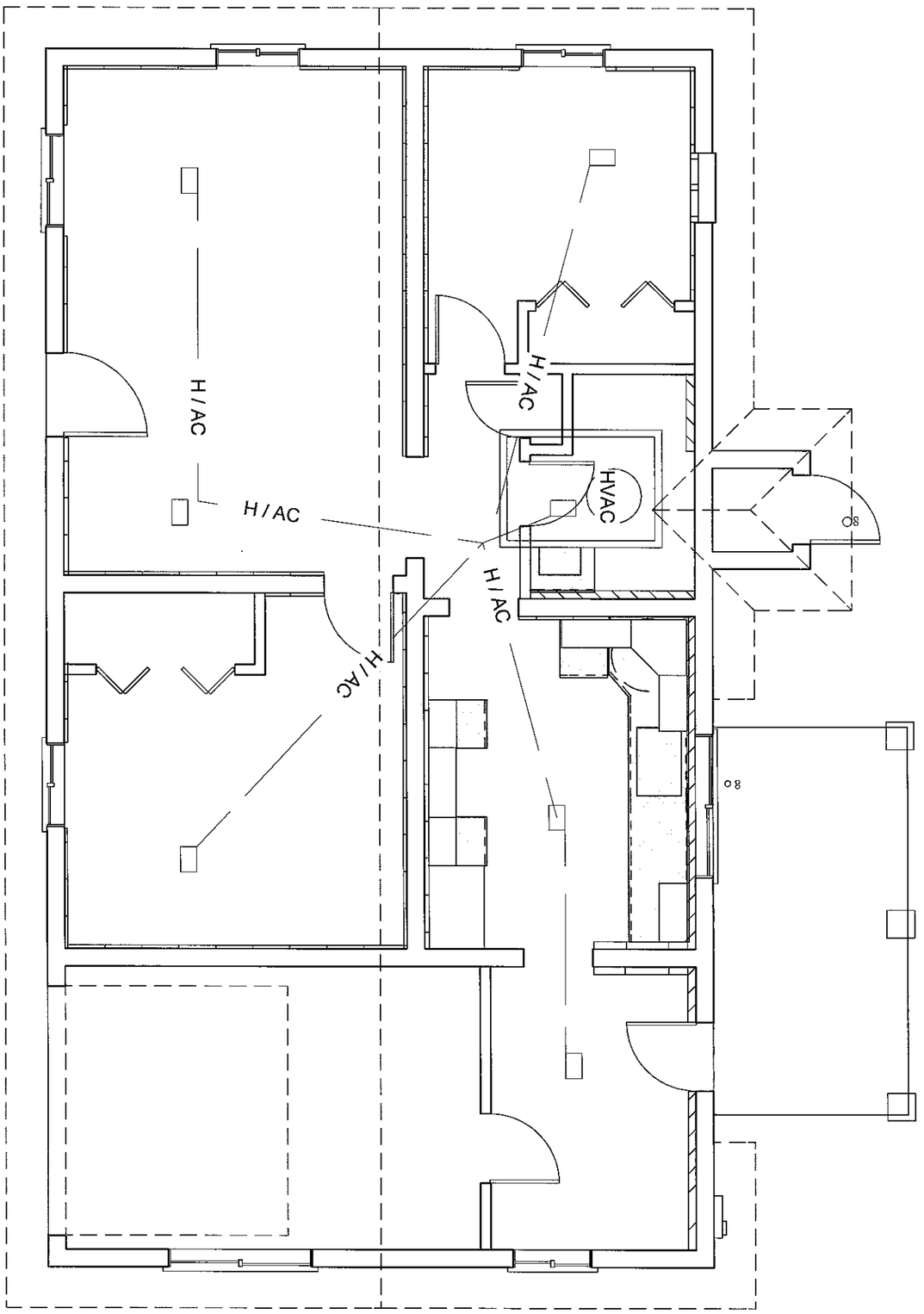
| 6 | 10/10/2013 | | ADDRESS 722 W. 12TH. STREET | |

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# 1st Floor

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| PAGE | DATE | DRAWN BY | NAME ROBERT BRYAN | HVAC PLAN |
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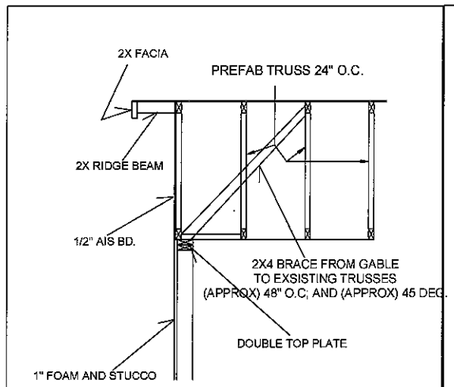
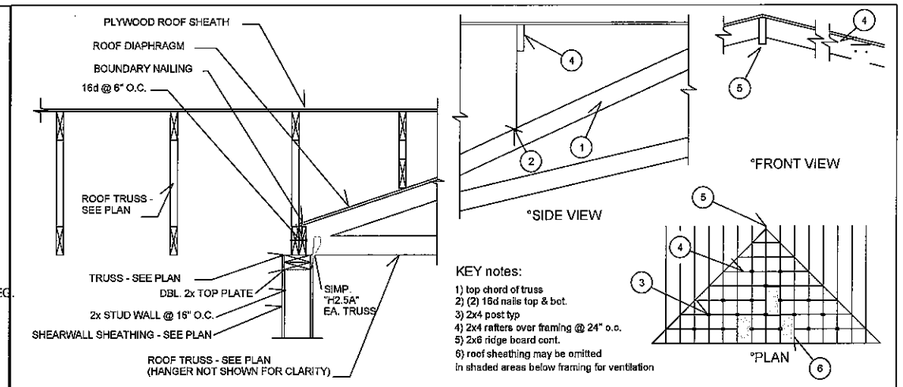
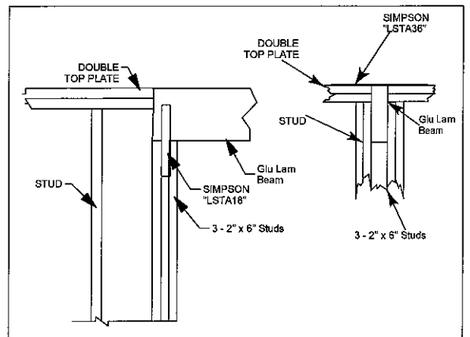
| 7 | 10/10/2013 | | ADDRESS 722 W. 12TH. STREET | |



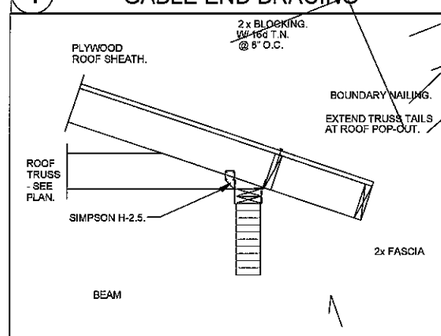

1 GABLE END BRACING



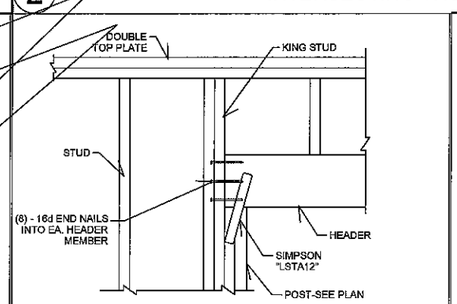

2 INTERSECTING TRUSSES/VALLEY



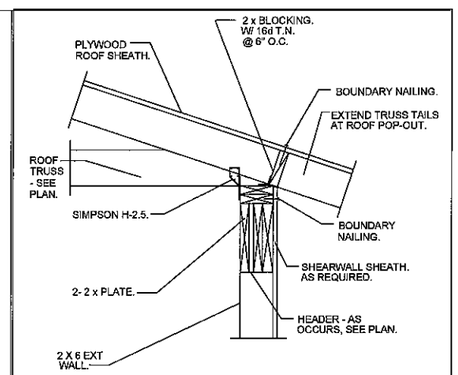

11 BEARING BEAM AT WALL SCALE



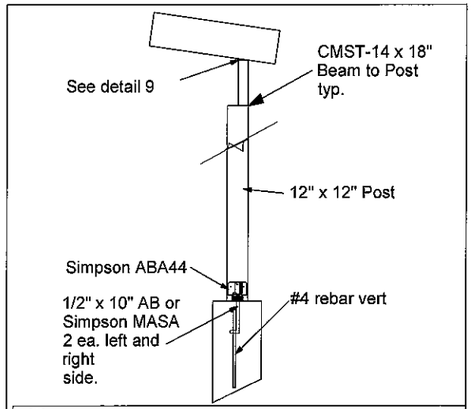

3 ROOF TRUSS TO BEAM



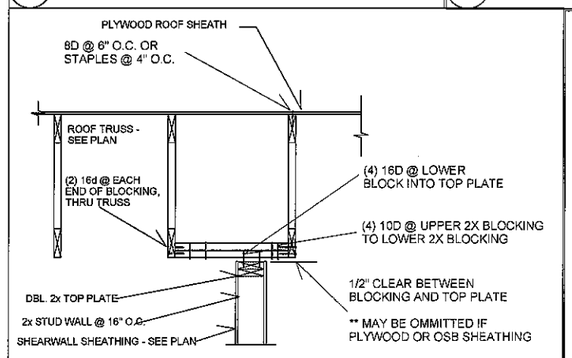

4 GARAGE DOOR BEAM BEARING SCALE



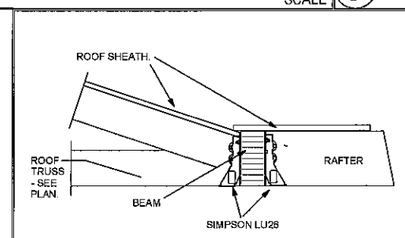

5 ROOF TRUSS TO WALL SCALE



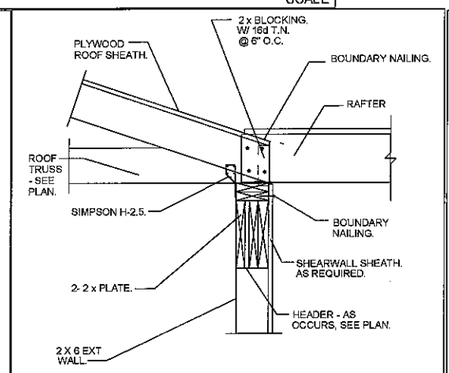

10 Post Detail



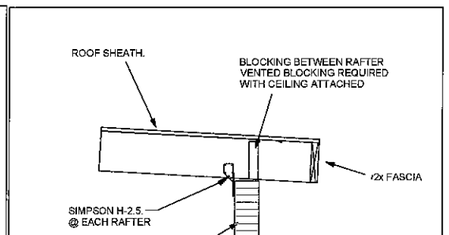

6 SHEAR TRANSFER CONNECTION
PARALLEL TO ROOF FRAMING




7 ROOF TRUSS TO BEAM




8 TRUSS TO WALL @ PATIO SCALE




9 RAFTER TO WALL / BEAM

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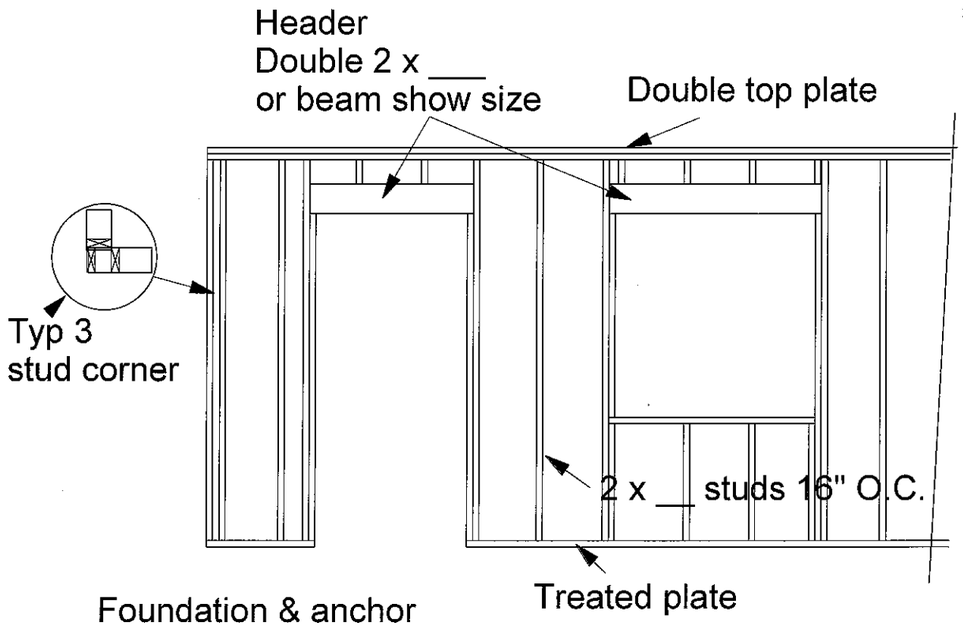


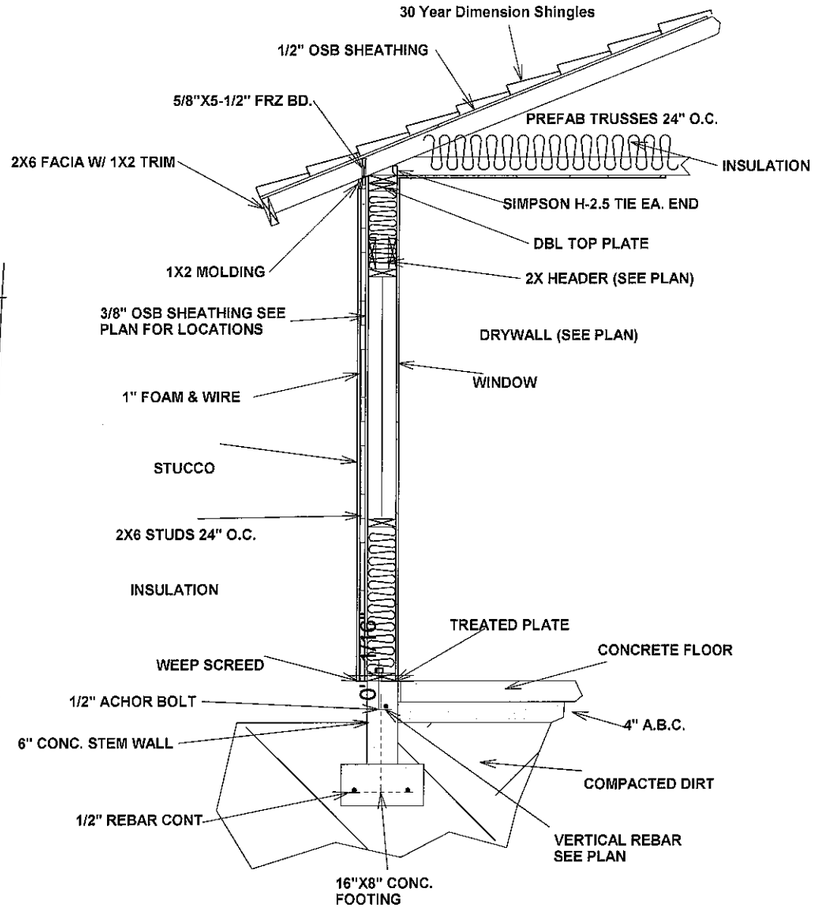


**WALL SECTION**

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DETAIL II

NAME ROBERT BRYAN

ADDRESS 722 W. 12TH. STREET

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## GENERAL ELECTRICAL NOTES

CODES USED: 2003 IRC AND 2005 NEC

1. IT IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO VERIFY ALL EQUIPMENT AND APPLIANCE AMPERAGE AND MANUFACTURERS SPECIFICATIONS FOR WIRING BEFORE INSTALLATION.

2. THE ELECTRICAL CONTRACTOR IS TO VERIFY ALL OUTLET AND EQUIPMENT LOCATIONS WITH OWNER BEFORE INSTALLATION.

3. ALL ELECTRICAL WIRING TO BE COPPER UNLESS OTHERWISE NOTED.

4. ALL ELECTRICAL EQUIPMENT SHALL BE:
(A) LISTED AND LABELED BY AN INDEPENDENT TESTING LABORATORY.
(B) USED AND INSTALLED IN ACCORDANCE WITH LISTING INSTRUCTIONS.

5. ALL OUTLETS IN THE GARAGE/CARPORT, KITCHEN, AND BATHROOM COUNTERTOPS, AS WELL AS OUTSIDE SHALL BE GFCI PROTECTED. OUTSIDE OUTLETS SHALL ALSO HAVE WATERPROOF COVERS.

6. KITCHEN COUNTER RECEPTICALS SHALL BE SERVED BY AT LEAST 2 SEPARATE 20 AMP CIRCUITS. LAUNDRY ROOM AND BATHROOM RECEPTACLES TO BE A SEPARATE 20 AMP CIRCUIT WITH NO OTHER OUTLETS ON THAT CIRCUIT.

7. DRYER AND RANGE TO HAVE (4) WIRE RECEPTACLES.

8. FIXTURES (CEILING FANS INCLUDED) THAT ARE LOCATED IN DAMP OR WET LOCATIONS SHALL BE "LISTED" TO BE SUITABLE FOR SUCH LOCATIONS.

9. ONLY APPROVED CEILING FAN BOXES SHALL BE USED.

10. SMOKE DETECTORS SHALL BE INSTALLED AS FOLLOWS:
(A) WALL INSTALLATIONS MIN. 6"/ MAX. 12" BELOW CEILING AND MIN. 18" FROM ANY CORNER.
(B) CEILING INSTALLATION MIN. 6" FROM ANY VERTICAL SURFACE.
(C) INSTALLATION WILL BE A MIN. 3' FROM ANY MECHANICAL SUPPLY OR RETURN AIR GRILL.
(D) PER MANUFACTURER'S SPECIFICATIONS.
(E) SMOKE DETECTORS SHALL BE HARD WIRED WITH BATTERY BACKUP.

11. ALL OUTLETS INSTALLED IN DWELLING UNIT BEDROOMS SHALL BE PROTECTED BY ARC FAULT CIRCUIT INTERRUPTER FOR BOTH LIGHTING AND OUTLET CIRCUITS.

12. LOW VOLTAGE (TELEPHONE AND COAX CABLE PREWIRE) MUST BE VERIFIED WITH HOMEOWNER.

13. HEIGHT OF ALL SWITCH BOXES TO BE 48" ABOVE ROUGH FLOOR TO THE CENTER OF THE SWITCH BOX.

14. HEIGHT OF ALL OUTLET BOXES AND LOW VOLTAGE BOXES TO BE 16" ABOVE ROUGH FLOOR TO THE CENTER OF THE BOX.

1. ALL TRUSSES TO BE MANUFACTURED BY APPROVED TRUSS BUILDER AND INSPECTED BY A SECONDARY TESTING AGENCY.
2. ALL TRUSSES ARE TO BE ENGINEERED AND STAMP WITH APPROVED SEAL. AND SUBMITTED TO BUILDING DIVISION PRIOR TO FRAMING INSPECTION.
3. PROVIDE ALL BRACING AS REQUIRED BY TRUSS ENGINEERING FIRM.
4. ALL HEADER ARE TO BE 2-2X6 UNLESS OTHERWISE NOTED BY BEAM SIZE.
5. ALL CONVENTIONAL FRAMING IS TO BE HEM FIR #2 OR BETTER.
6. ALL SHEATHING IS TO BE 1/2" O.S.B. EXCEPT ON ALL EXPOSED AREAS WHERE 1/2" CCX IS REQUIRED
7. ALL NAILING AS PER 2003 IRC SPECS
8. SUMMIT TRUSS LAYOUT AND ENGINEERING TO BUILDING DEPT. PRIOR TO FRAMING INSPECTIONS

## MECHANICAL NOTES:

This drawing is only to assist the HVAC contractor
Air Handlers, Compressors, registers, return air
and thermostat control location and size are
determined by the contractor and work write
up specificaions.

### GAS NOTES

1. ALL PIPES USED FOR THE INSTALLATION, EXTENSION, ALTERATION, OR REPAIR OF ANY GAS PIPING SHALL BE STANDARD WEIGHT WROUGHT IRON OR STEEL (GALVANIZED OR BLANCO, YELLOW BRASS CONTAINING NOT MORE THAN 75% COPPER, OR INTERNALLY TINNED OR EQUIVALENTLY TREATED COPPER OF IRON PIPE SIZE.
2. EVERY FACTORY BUILT CHIMNEY, TYPE B GAS VENT, OR TYPE L VENT SHALL BE INSTALLED ACCORDING TO MANUFACTURERS INSTALLATION INSTRUCTIONS, TO TERMS OF ITS LISTING AND TO THE APPLICABLE REQUIREMENTS OF THE BUILDING AUTHORITIES CURRENT CODE REQUIREMENTS.
3. APPLIANCE GENERATING A GLOW OR SPARK OR FLAME CAPABLE OF IGNITING FLAMMABLE VAPORS MAY BE INSTALLED IN A GARAGE THE PILOTS AND BURNERS OR HEATING ELEMENTS AND SWITCHES ARE AT LEAST 18" ABOVE FLOOR LEVEL IN RESIDENTIAL GARAGES.
4. SINGLE WALL METAL VENT CONNECTORS SHALL BE SECURELY SUPPORTED AND JOINTS FASTENED WITH SHEET METAL SCREWS, RIVETS OR OTHER APPROVED MEANS.
5. TYPE B OR BW GAS VENTS SHALL TERMINATE NOT LESS THAN 1 FOOT ABOVE THE ROOF THROUGH WHICH IT PASSES, NOR LESS THAN 4 FEET FROM ANY PORTION OF THE BUILDING WHICH EXTENDS AT AN ANGLE MORE THAN 45 DEGREES UPWARD FROM THE HORIZONTAL.
6. VENT TERMINAL, VENTING SYSTEMS SHALL TERMINATE NOT LESS THAN 4 FEET BELOW OR 4 FEET HORIZONTAL FROM, NOR LESS THAN 1 FOOT ABOVE, ANY DOOR, WINDOW, OR GRAVITY AIR INLET INTO ANY BUILDING

### PLUMBING NOTES

1. PLUMBING SHALL NOT BE STRAINED OR STRESSED, PROVIDE FOR EXPANSION AND BUILDING SETTLEMENT.
2. SPACES AROUND SLEEVED PIPES SHALL BE SEALED.
3. PIPES PASSING THROUGH, UNDER FOOTINGS, OR THROUGH FOUNDATION SHALL BE PROTECTED WITH A SLEEVE.
4. PIPES TO BE SUPPORTED ALONG THE ENTIRE LENGTH.
5. SEPARATION OF WATER SERVICE AND SEWER TO BE A MINIMUM OF 12".
6. DRAIN PIPE SHALL NOT BE REDUCED IN THE DIRECTION OF FLOW.
7. PROVIDE ACCESS AND CLEARANCE AROUND ALL CLEANOUTS.
8. ISLAND VENTING LIMITED TO SINKS AND LAVATORIES.
9. ISLAND VENTS NEED ONLY RISE VERTICALLY ABOVE THE DRAIN OUTLET BEFORE OFF-SETTING HORIZONTAL AND DOWN.
10. CLEANOUT REQUIRED IN ISLAND FIXTURE DRAIN.
11. DRAIN THAT SERVES ISLAND SHALL SERVE NO OTHER FIXTURES UPSTREAM FROM RETURN VENT.
12. ALL FIXTURES REQUIRE SEPARATE WATER SEAL TRAP.
13. TRAP SHALL BE SET LEVEL AND PROTECTED FROM FREEZING WHERE NECESSARY.

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GENERAL NOTES

NAME ROBERT BRYAN
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CODES:
2003 International Residential Code

FOUNDATION:

1. FOUNDATIONS DESIGH IS BASED ON MINIMUN SOIL BEARING VALUES AS PER UNIFOR BUILDING CODE.
2. BEAR ALL FOOTINGS ON FIRM NATIVE SOIL OR AN ENGINEERED PAD.
3. PLACE CONCRETE ONLY ON CLEAN AND FIRM INSPECTED BEARING MATERIALS.
4. ALOWABLE SOIL BEARING PRESSURE:
   A. 1000 PSF @ min. 12" BELOW NATRAL GRADE(FOR DEAD LOADS).
   B. 1500 PSF @ min. 12" BELOW NATURAL GRADE (FOR D.L. AND L.L)
   C) ALLOW 1/3 INCREASE IN ALLOWABLE STRESSES FOR TOE PRESSURES ON ECCENTRICALLY LOADED FOUNDATIONS OR FOUNDATIONS SUBJECT TO OVERTURING LOADS.
5. BOTTOMS OF ALL FOOTING SHALL BEAR ON UNDISTURBED SOIL 18" BELOW NATURAL GRADE EXTERIOR AND 12" INTERIOR.
   DESIGN SOIL PRESSURE 1000 PSF DEAD LOAD OR 1500 PSF TOTAL LOAD.

TERMITE CONTROL:

1. ALL SOIL UNDER FOOTINGS AND SLABS ON GRADE SHALL BE TREATED WITH TERMITE POISON BEFOR POURING CONCRETE.

CONCRETE:

1. CONCRETE QUALITY TO CONFORM TO ACI-301 AND ACI-318.
2. USE REGULAR WEIGHT CONCRETE WITH TYPE 1 OR 2 CEMENT PER ASTM c150 AGGREGATE/ ASTM c33 AND POTABLE WATER.
3. MINIMUM 28 DAY COMPRESSIVE STRENGTH 2500 PSI.
4. MAXIMUM SLUMP 5".
5. DO NOT USE ADMIXTURES WITHOUT APPROVAL. ADMIXTURES CONTAINING CHLORIDES SHALL NOT BE USED.
6. CONCRETE SHALL NOT BE IN CONTACT WITH ALUMINUM.
7. ALL EXPOSED EDGES AND CORNERS SHALL BE CHAMFERED, BEVLED, OR ROUNDED.
8. WAIT 48 HOURS BETWEEN ADJACENT CONCRETE CASTINGS.
9. NON SHRINK CEMENT GROUT SHALL BE NON METALLIC HIGH STRENGTH OF 4000 PSI.

REINFORCING:

1. DEFORMED BARS SHALL CONFORM TO ASTM-615 GRADE 60.
2. CONCRETE COVERAGE FOR REINFORCING BARS SHALL BE AS FOLLOWS"
   A. UNIFORMED CONCRETE IN CONTACT WITH EARTH 3"
   B. FORMED CONCRETE IN CONTACT WITH EARTH 2".
3. LAP SPLICE LENGTHS SHALL BE 40 BAR DIAMETERS MINIMUM UON
4. DOWEL ALL VERTICALS REINFORCED TO FOUNDATIONS.
5. SECURLY TIE AND SUPPORT ALL REINFORCING STEEL IN PLACE BEFORE PLACING CONCRETE OR GROUT.
6. REINFORCED PLACEMENT BAR BENDS AND STANDARD HOOKS SHALL COMPLY WITH ACI-317 AND CRSI STANDARDS.

MASONRY:

1. USE HOLLOW CONCRETE BLOCK UNITS: GRADE N NORMAL WEIGHT, fm=1350 PSI.
2. LAY UNITS IN RUNNING BOND. CORNERS SHALL HAVE A STANDARD BOND BY OVERLAPPING UNITS.
3. MORTAR: TYPE S, MINIMUM 28 DAY COMPRESSIVE STRENGTS 1800 PSI
4. GROUT: TYPE S, MINIMUM 28 DAYS COMPRESSIVE STRENGTH 2000 PSI
5. MAXIMUM GROUT LIFTS WITHOUT CLEAN-OUTS AND INSPECTION 4'

STRUCTURAL STEEL:

1. LATEST ANERICAN INSTITUTE OF STEEL CONSTRUCTION AISC HANDBOOKS SHALL APPLY.
2. ROLLED SECTIONS AND PLATES SHALL CONFORM TO ASTN A-36 fy=36ksi
3. BOLTS AND PLAIN ANCHORS SHALL CONFORM TO ASTM A-307.
4. EXPANSION BOLT SHALL BE APPROVED DRILLED ANCHORS TORQUE AND INSTALL AS PER MANUFACTURE SPECS.

MECHAMICAL:

1. EQUIPMENT SHALL BE CAPABLE OF MAINTAINING A ROOM TEMPERATURE OF 70 DEGREE F. AT A POINT 3' ABOVE TH FLOOR.

SUPPLEMENTARY NOTES:

1. VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO STARTING WORK,
2. VERIFY IN THE FIELD ALL EXSISTING CONDITIONS SHOWN ON THE DRAWINGS. NOTIFY THE DESIGNER OF ANY DISCREPANCIES OR INCONSISTENCIES.
3. ESTAABLISH AND BERIFY ALL OPENINGS AND INSERTS FOR MECHANICAL, ELECTRICAL, AND PLLLUMBING WITH APPROPRIAT TRADES AND DRAWINGS.
4. PROVIDE ALL NECESSARY TEMPPORARY SHORING, GUYING, OR OTHER MEANS TO AVOID EXCESSIVE STRESSES AND TO HOLD STRUTURAL ELEMENTS IN PLACE DURING CONSTRUCTION.
5. OPTIONS ARE FOR THE CONTRACTORS CONVENIENCE. HE SHALL BE RESPONSIBLE FOR ALL CHANGES NECESSARY IF HE CHOOSES AN OPTION AND SHALL COORDINATE ALL DETAILS.
6. ANY ENGGINEERING DESIGH PROVIDED AND SUBMITTED FOR REVIEW SHALL BEAR THE SEAL AND SIGNATURE AND REGISTER IN ARIZONA.
7. DESIGNER SHALL NOT BE HELD RESPONSIBLE FOR ANY AND ALL COST EXPENSES DAMAGES OR OTHER LIABILITY OF ANY NATURE ARISING OUT OF IN CONNECTION WITH OR IN ANY WAY RELATED TO THE PLANS DRAWN BY DESIGNER.

WOOD:

1. GENERAL:
   A. COMPLY WITH AMERICAN INSTITUTE OF TIMBER CONSTRUCTION STANDARDS, LATEST EDITION.
   B. EACH PIECE OF LUMBER SHALL BEAR THE GRADE STAMP OF A GRADING RULES APPROVED ANGENCY.
   C. EACH PIECE OF LUMBER IN PLACE SHALL BE OF GRADE SPECIFIED OR BETTER.
D. DO NOT NOTCHOR DRILL JOIST, BEAMS RO LOAD BEARING STUDS WITH OUT APPROVAL.
E. DOUBLE FLOOR JOIST UNDER PARALLEL PARTITIONS.
F. PROVIDE METAL OR 1X3 WOOD CROSS BRACING AT MID SPAN WHEN JOIST EXCEED DEPTH OF 10"
G. PROVIDE 2X BLOCKING AT JOIST BEARING SUPPORTS.
H. PROVIIDE FIRESTOPS AS FOLLOWS.
   1. IN CONCEALED SPACES IN WALLS A FURRED SPACES AND SOFFITS AT FLOOR AND CEILING LEVELS.
   2. IN OPENINGS AROUD VENTS, CHIMINEYS, AND FIREPLACES AT FLOOR AND CEILING LEVELS.
   3. IN CONCEALED SPACES BETWEEN WALL STUDS AT STAIRS IN LINE WITH STRINGERS.
I. USE PRESSURE TREATED WOOD AT ALL SILL PLATES.
J. ATTIC ACCESS SHALL BE MIM 22"X30" WITH MIM DEPTH OF HEAD ROOM AT 30" FROM ACCESS.
K. WINDOWS SHALLBE OPENABLE WITH OUT SPECIAL TOOLS, KNOWLEDGE, EFFORT OR KEY.

CONNECTIONS:

A. SEE TABLE R602.3(1) FOR NAILING NOT SPECIFICALLY CALLED OUT ON THE DRAWINGS
B. MAKE FRAMED CONNECTIONS WITH APPROVED FRAMING ANCHORS ON EACH SIDE OF JOIST HANGERS BY SIMPSON OR EQUAL.
C. NAIL PLYWOOD WITH 8D COMMOM NAILS AT 6" SPACING AT ADGES AND BOUNDARIES AND 12" SPACING IN FEILD.
D. PROVIDE STANDARD WASHERS AT BOLTS INWOOD WITHOUT STEEL PLATES.
E. FOUNDATION PLATES OR SILLS SHALL BE BOLTED TO FOUNDATION WITH ANCHOR BOLTS NOT LESS THE 1/2" DIAMETER, EMBEDDED AT LEAST 7" INTO CONCRETE OR REINFORCED MASONARY UNIT.
F. CENTERS OF ALL ANCHOR BOLTS SHALL BE WITH IN 1/2" OF THE CENTER LINE OF 2X4 WOOD PLATES OR SILLS, AND 1" OF THE CENTER OF 2X6 OR LARGER PLATES OR SILLS . IF ANY OF THE BOLTS ARE CLOSER TO THE EDGE THEN SPECIFIED AN EXP BOLTS MAY BE USED WITH IN 12" OF SAID BOLT.
G. ANCHOR BOLTS FOR FOUNDATION PLATES OF SILLS SHALL E SPACED NO MORE THAN 6' APART
H. ATTACH ALL BRICK BENEER TO WOOD FRAMING WITH BENEER TIES. SIMPSON BT-R/BTS RO EQUAL AT 16" O.C. EACH WAY.

FLASHING:
METAL FLASHING SHALL BE 26 GA.

PLUMBING:

1. THE T@P RELIEF VALVE DRAIN LINE SHALL BE FULL DRAWN STEEL PIPE OR HARD DRAWN COPPER TUBING EXTENDING TO THE EXTERIOR OF THE BUILDING AND TERMINATED IN A DOWNWARD POSITION NOT MORE THE 2' OR LESS THEN 6" ABOVE GRADE.
2. ABS OR PVC USED IN DRAIN, WASTE AND BENT SYSTEM SHALL BE SCHEDULE 40.
3. COPPER TUBING USED IN WATER PIPING SHALL BE TYPE M MIN WEIGHT IN THE BUILDING ABOVE SLAB.
4. COPPER TUBING USED IN WATER PIPING BELOW SLABS SHALL BE TYPE L MIN WEIGHT INSALLED WITHOUT JOINTS.
5. GAS FUEL PIPING SHALL E WHOUGHT IRON OR STEEL GALVINIZED OR BLACKK.
6. PLUMBING FIXTURES SHALL BE LOW FLOW FITTINGS AS FOLLOWS:
   A. WATER CLOSETS----------1.6 GAL/FLUSH MAX.
   B. SHOWER HEADS----------2.75 GPM MAX.
   C. LAV AND SINKS----------3.0 GPM MAX.
7. DISHWASHERS SHALL HAVE AIR GAP.
8. LEFT FITTING AT ALL FAUCETS SHALL BE HOT WATER FITTING.

ELECTRICAL:

1. ELECTRIC SMOKE DETECTORS SHALL BE LOCATED ON CEILING OR WALL WITH IN 12" OF CEILING WIRED TOGETHER AND NOT CLOSER THEN 3' TO A DUCT OPENING.
2. SMOKE DETECTORS SHALL RECEIVE THEIR PRIMARY POWER FROM THE BUILDING WIRING W/O DISCONNECT OTHER THAN CURCUIT PROTECTION WITH BATTERY BACK UP AS PER IRC R317
3. PROVIDE A GROUNDING CONDUCTOR MIM 20' OR #4 SIZE OR LARGER BARE COPPER WIRE EMBEDDED IIN CONCRETE FOOTING.
4. PROVIDE A BONDING CONDUCTOR MIM OF 1-#4 COPPER WIRE CONNECTED TO THE BUILDING WATER PIPING SYSTEM TO THE SERVICE EQUIPMENT ENCLOSURE GROUNDING BUSS.

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5. GAS FUEL PIPING SHALL E WHOUGHT IRON OR STEEL GALVINIZED OR BLACKK.
6. PLUMBING FIXTURES SHALL BE LOW FLOW FITTINGS AS FOLLOWS:
   A. WATER CLOSETS----------1.6 GAL/FLUSH MAX.
   B. SHOWER HEADS----------2.75 GPM MAX.
   C. LAV AND SINKS----------3.0 GPM MAX.
7. DISHWASHERS SHALL HAVE AIR GAP.
8. LEFT FITTING AT ALL FAUCETS SHALL BE HOT WATER FITTING.

ELECTRICAL:

1. ELECTRIC SMOKE DETECTORS SHALL BE LOCATED ON CEILING OR WALL WITH IN 12" OF CEILING WIRED TOGETHER AND NOT CLOSER THEN 3' TO A DUCT OPENING.
2. SMOKE DETECTORS SHALL RECEIVE THEIR PRIMARY POWER FROM THE BUILDING WIRING W/O DISCONNECT OTHER THAN CURCUIT PROTECTION WITH BATTERY BACK UP AS PER IRC R317
3. PROVIDE A GROUNDING CONDUCTOR MIM 20' OR #4 SIZE OR LARGER BARE COPPER WIRE EMBEDDED IIN CONCRETE FOOTING.
4. PROVIDE A BONDING CONDUCTOR MIM OF 1-#4 COPPER WIRE CONNECTED TO THE BUILDING WATER PIPING SYSTEM TO THE SERVICE EQUIPMENT ENCLOSURE GROUNDING BUSS.

STRUCTUAL SAWN LUMBER:

A. JOIST, BEAMS, AND LEDGERS: MUST BE DOUG FIR. #2 OR BETTER.
B. PLATES AND BLOCKING " HEM FIR STUD GRADE OR BETTER.

E. COLUMN AND POST #2 DOUG. FIR. OR BETTER.

GLU LAM BEAMS:
A. WEST COAST DOUTH fb=2400 PSI, E=1.6X10-6 PSI
B. FABRICATIONS AND HANDLING SHALL COMPLY WITH LATEST AITC STANDARDS EACH BEAM SHALL BEAR AITC STAMP INDICATING SPECIES AND STRESS GRADE.
C. FABRICATE WITH WATER RESISTANT GLUE FOR EXPOSED CONDITIONS.

ROOF SHEATHING:
A. 1/2" OSB WITH 8D AT 6" O.C. AT SUPPORTED EDGES (UNBLOCKED) AND 12" IN THE FIELD. OR (1-1/2"X13GA. STAPLES ICBO 3540) CAN BE USED IN LIEU OF NAILS.
C. STUDS: HEM FIR STUD GRADE AT INT WALLS AND #2 HEM FIR AT EXT.WALLS.

WALL SHEATHING:
A. 3/8" OSB WITH 8D AT 3" O.C. EDGES AND 12" IN THE FIELD. OR (1-1/2"X13GA. STAPLES ICBO 3540) CAN BE USED IN LIEU OF NAILS.

WOOD TRUSSES:
A. DESIGN, FABRICATE, TRANSPORT, AND ERECT PER LATEST AITC STANDARDS AND MANUFACTURER RECOMMENDATIONS.
B. FOR SLOPED TRUSSES DESIGN AT 24 PSF DEAD LOAD AND 16 LIVE LOAD DESIGN DEAD LOAD INCLUDES ALLOWANCE FOR TRUSS DEAD LOAD.
C. SUBMIT DESIGN CALCULATIONS AND SHOP DRAWING.
D. TRUSSES SHALL COMFORM TOSECTION 1704 1994 U.B.C.

GLASS:
A. GLAZING IN LOCATIONS SUBJECT TO HUMAN INPACT SHALL BE INPACT RESISTANT AS DEFINED IN SECTION 2406
   1. ALL GLASS DOORS, INCLUDING DOORS WITH GLASS.
   2. SIDE LIGHTS AND WINDOWS ADJACENT TO DOORS.
   3. GLAZING ADJACENT TO A WALKING SURFACE LESS THE 18" ABOVE.
   4. SHOWER DOORS AND TUB ENCLOSURES.
   5. GLAZING IN BATHROOMS WITH THE LOWER EDGE LESS THAN 56"F.F.F.
   6. MIRRORS/MIRROR DOORS UNLESS ATTACHED DIRECTLY TO WALL, FRAMED OR REINFORCED.
   7. GLAZING WITHIN 24" OF DOOR OPENINGS IRC R308.4

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GENERAL NOTES

NAME ROBERT BRYAN
ADDRESS 722 W. 12TH. STREET

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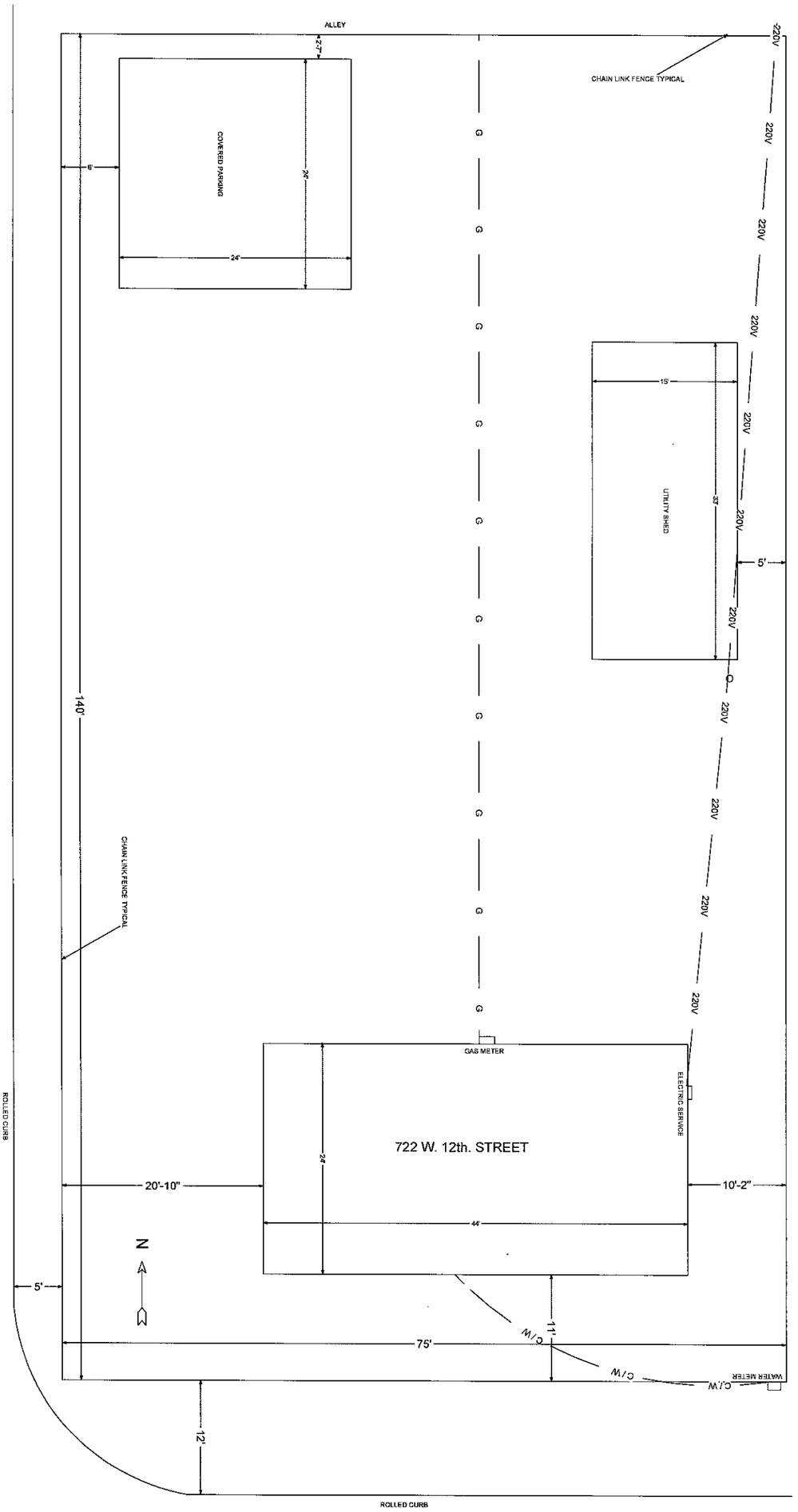
1st Floor

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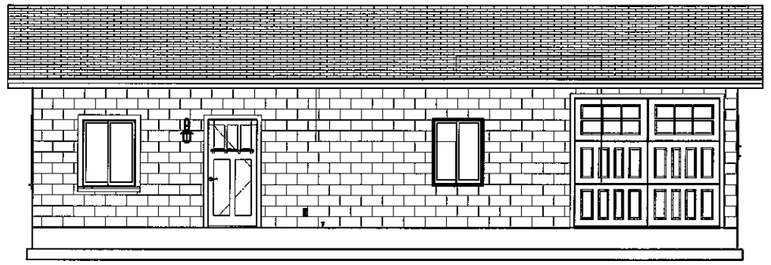
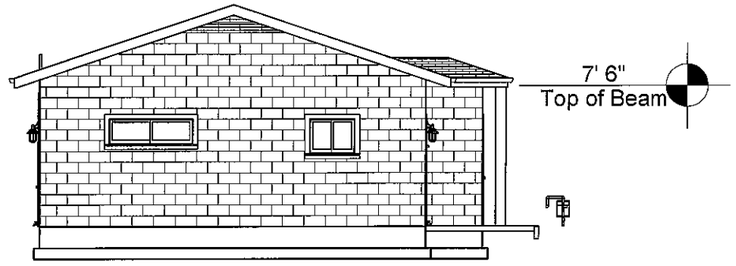


## Cross Section 8

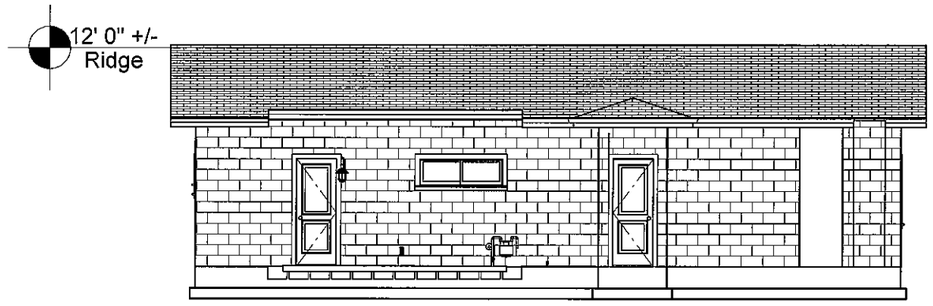
SOUTH
ELEVATION




## Cross Section 10

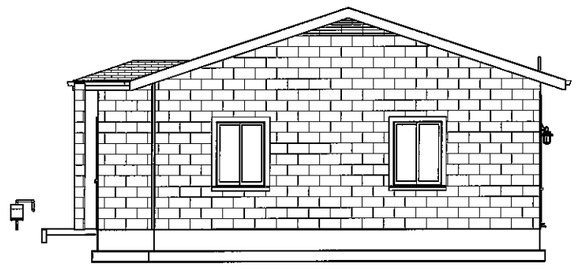
EAST ELEVATION

4/12 TRI VENTS




## Cross Section 12

NORTH ELEVATION



## Cross Section 13

WEST ELEVATION

N

ELEVATIONS

NAME ROBERT BRYAN

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