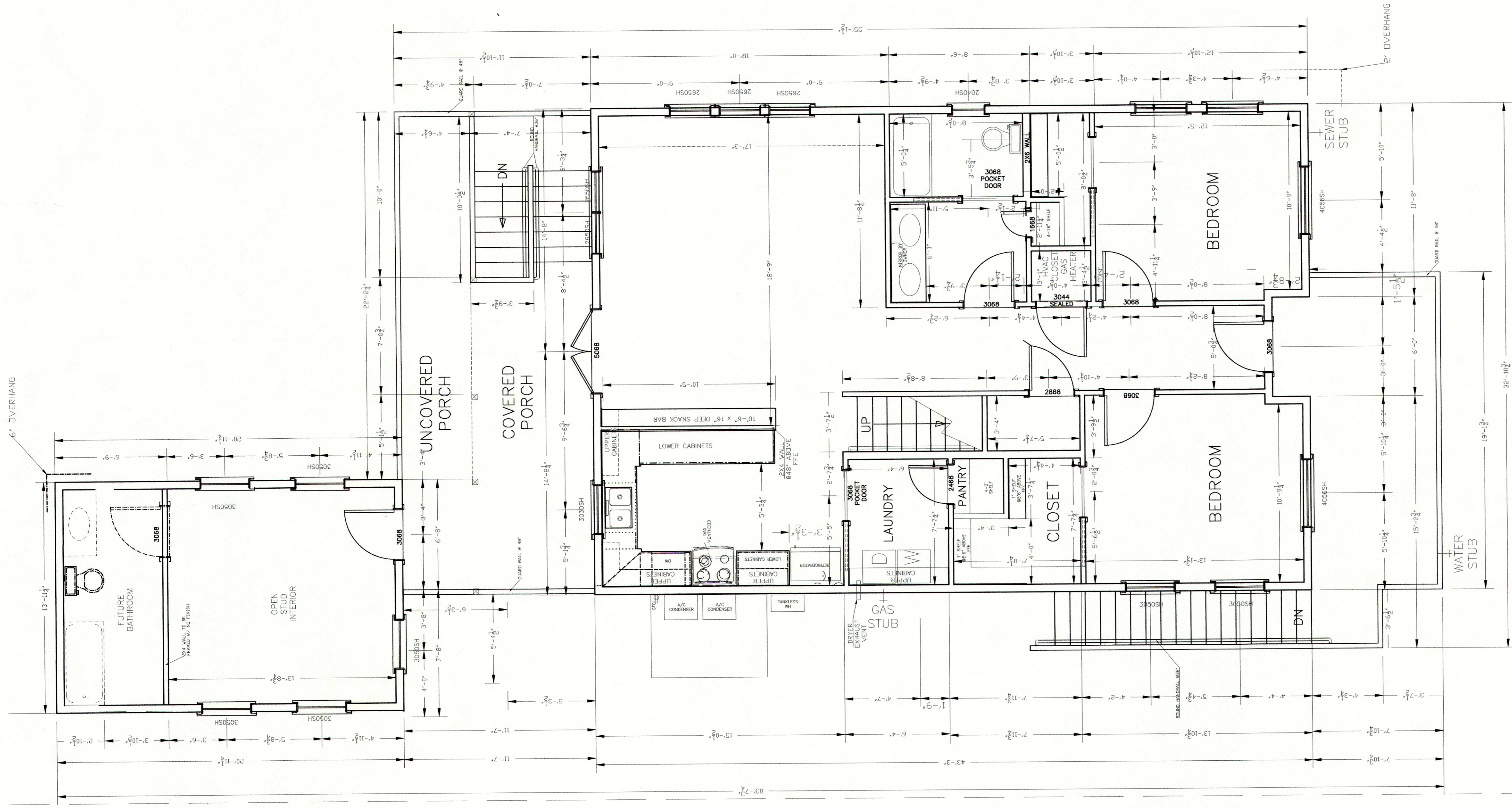


5' SETBACK  
EAVE TO BOUNDARY



5' SETBACK  
EAVE TO BOUNDARY

5' SETBACK  
EAVE TO BOUNDARY

ALL DIMENSIONS  
ARE ROUGH

# 1st FLOOR PLAN

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

20' SETBACK

WATER  
METER

SEWER  
TAP

GAS  
TAP

POWER

SHEET:

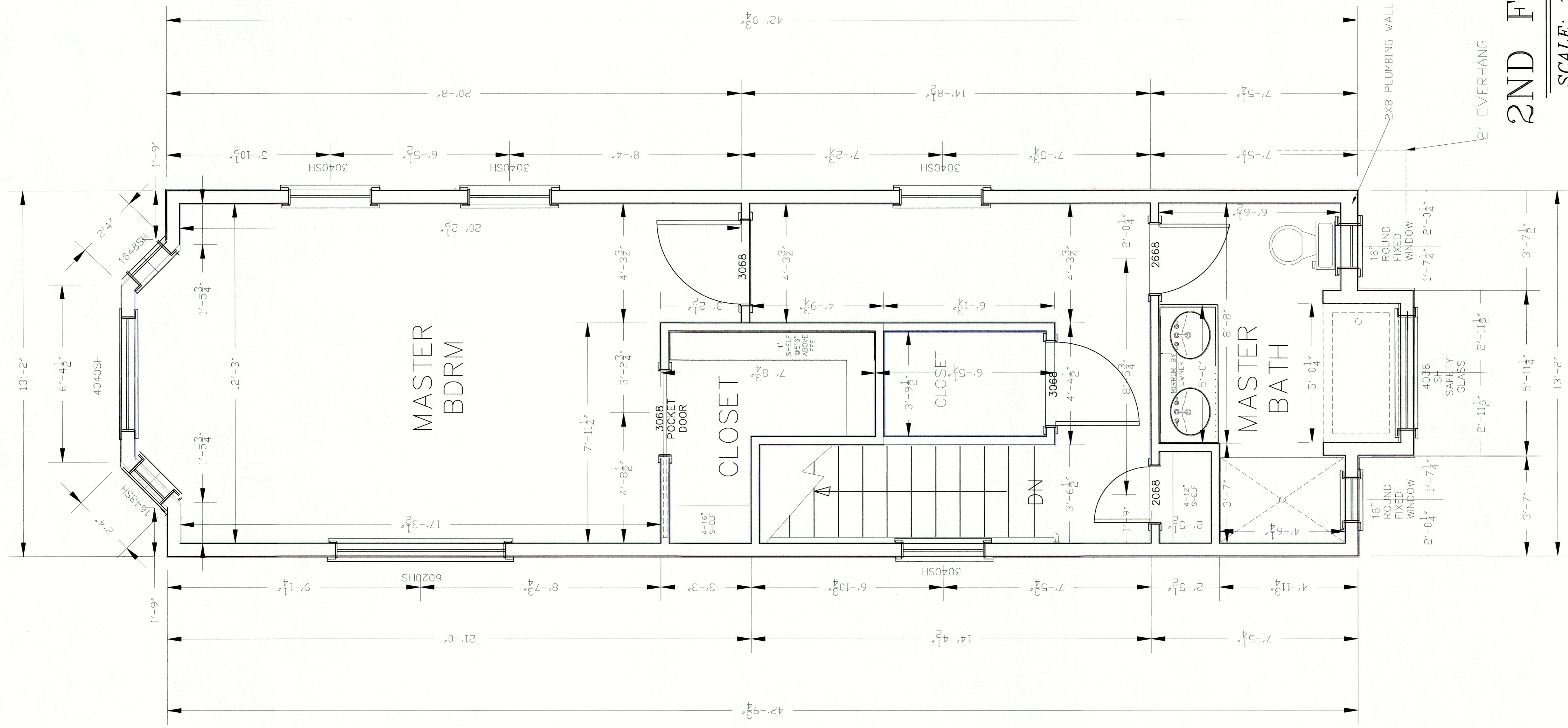
A1



281-339-0838  
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TITLE: **MARK HESSLER**  
PLACE: **806 KIPP AVE  
KEMAH, TEXAS**

DATE REVISED:  
**06/05/15**

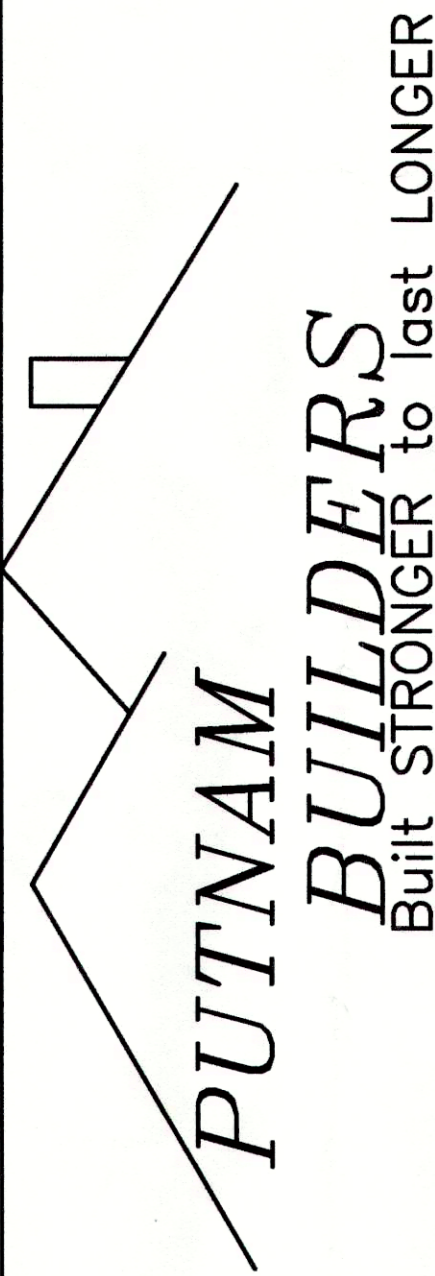


# 2ND FLOOR PLAN

SCALE: 1/2" = 1'-0"

SHEET:

A2



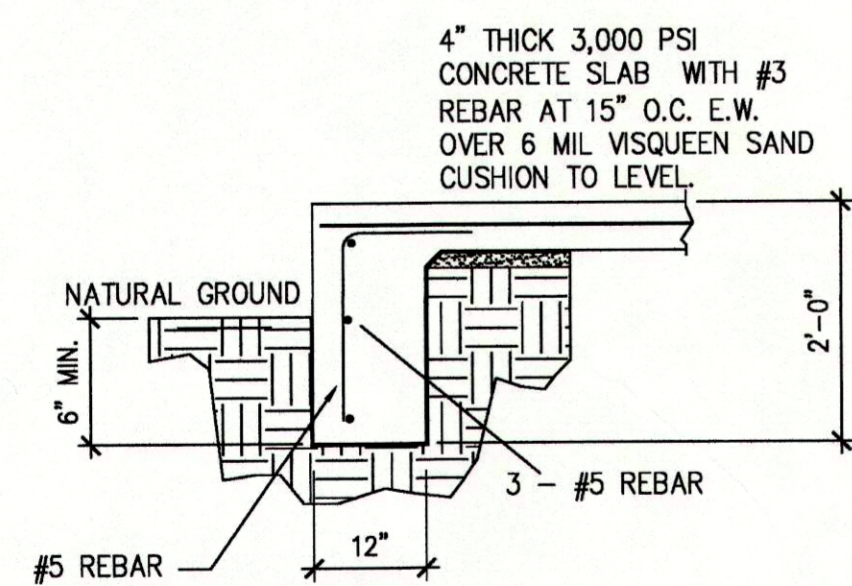
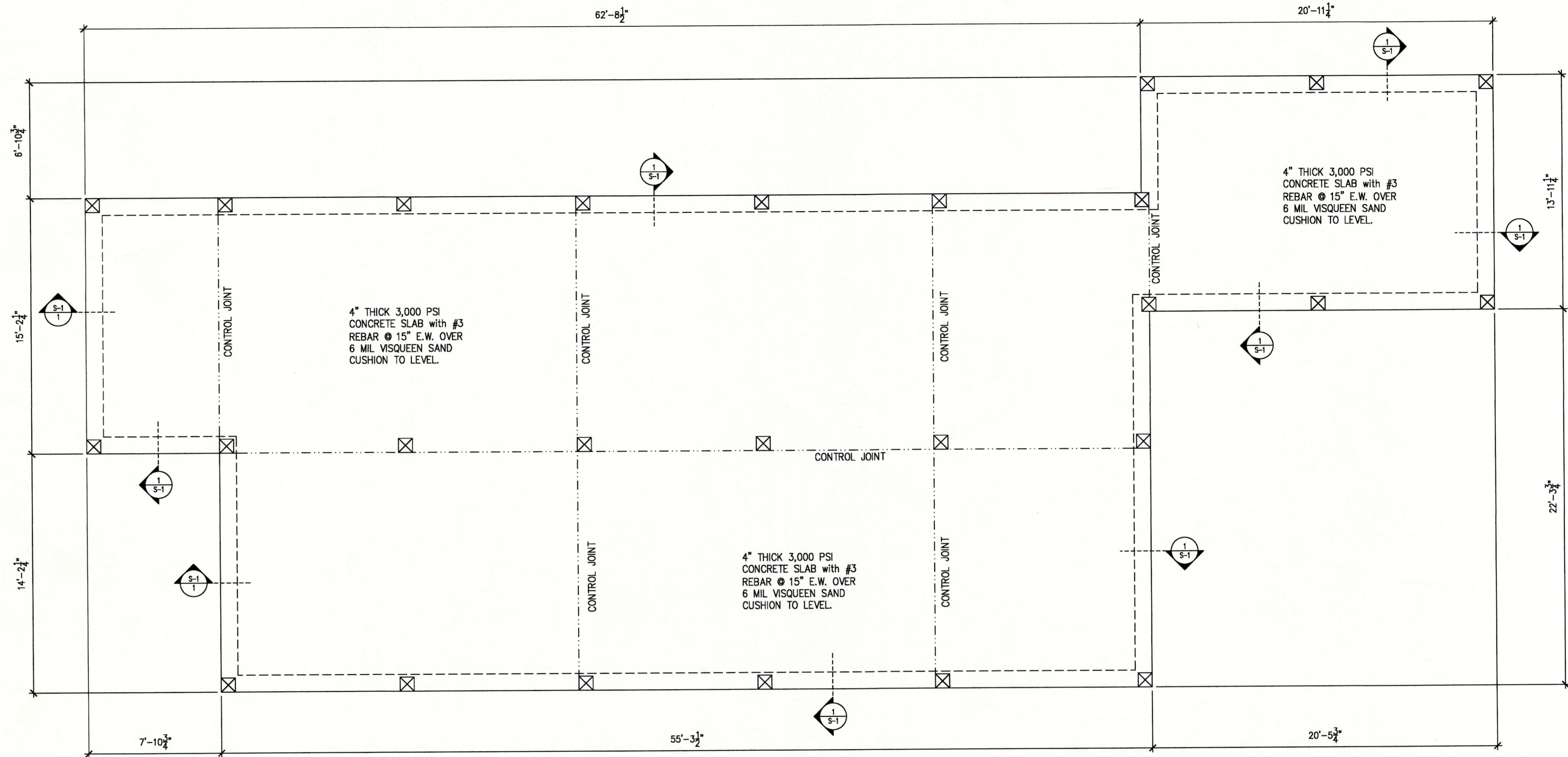
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TITLE: MARK HESSLER  
PLACE: 806 KIPP AVE  
KEMAH, TEXAS

06/05/15  
DATE REVISED:

**GENERAL CONCRETE NOTES**

1. VERIFY ALL DIMENSIONS AND ELEVATIONS OF RECESS, LEDGES AND STEPS WITH ARCHITECT BEFORE COMMENCEMENT OF FORM WORK.
2. NO CONCRETE SHALL BE PLACED WITHOUT APPROVAL FROM THE ENGINEER OR THE ARCHITECT.
3. CONCRETE SHALL NOT BE PLACED IN WEATHER WHERE THE AMBIENT AIR TEMPERATURE IS 40°F AND FALLING NOR IN RAINY WEATHER.
4. ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH AC-318 WITH THE LATEST REVISIONS.
5. CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI UNLESS NOTED OTHERWISE.
6. REINFORCING STEEL SHALL BE ASTM A615 GRADE 60 WITH A305 DEFORMATION DETAILED, FABRICATED AND INSTALLED PER ACI "MANUAL OF STANDARD PRACTICE FOR DETAILING CONCRETE REINFORCEMENT," ACI-315 LATEST REVISIONS.
7. WELDED SMOOTH WIRE FABRIC SHALL CONFORM TO ASTM-A185.
8. REINFORCING STEEL MINIMUM COVERAGE UNLESS NOTED ON REBAR CHAIRS SHALL BE:
  - FOOTINGS 3" BOTTOM AND SIDES, 2" TOP
  - GRADE BEAMS 3" FROM EARTH
  - SLAB 2-1/2" FROM VAPOR BARRIER
9. CHAMFER ALL EXPOSED EDGES 3/4" AT 45 DEGREES.
10. HOLES FOR DRILLED FOOTINGS SHALL BE PLUMB AND FREE OF ALL LOOSE MATERIAL/DEBRIS AND WATER. CONCRETE AND REINFORCING SHALL BE PLACED IMMEDIATELY AFTER EXCAVATION.
11. PROVIDE CORNER BARS IN THE OUTSIDE FACE OF THE EXTERIOR GRADE BEAMS. MATCH THE HORIZONTAL STEEL. AT ALL RE-ENTRANT CORNERS PLACE 2 - #4 x 4'-0" IN THE SLAB.
12. UNDERGROUND UTILITIES OR OBSTRUCTIONS ENCOUNTERED SHALL BE REMOVED, RELOCATED OR LEFT IN PLACE AS DIRECTED BY THE ENGINEER.
13. BARS DETAILED AS CONTINUOUS SHALL BE LAPPED 48 BAR DIAMETERS AT SPLICES. THE SPLICES SHALL STAGGERED.
14. ALL CONSTRUCTION SHALL CONFORM WITH CURRENT CITY OF JURISDICTION BUILDING CODES AND THE 2009 IRC WITH TEXAS REVISIONS WERE APPLICABLE.
15. IF NO GEOTECHNICAL REPORT IS PROVIDED, THEN THE ENGINEER RECOMMENDS THAT THE OWNER/CONTRACTOR OBTAIN A GEOTECHNICAL REPORT.
16. SUBGRADE PREPARATION AND COMACTION
  - SELECT FILL MATERIAL; SANDY-CLAY (CL)
  - MC<40; PI 10-20; COMPACT TO 95% STANDARD PROCTOR DENSITY.
17. WHERE SHOWN ON THE DRAWINGS GRADE BEAMS SHALL BE POURED ON TRAPEZOIDAL SHAPE CORRUGATED FIBERBOARD FORMS AS MANUFACTURED BY CONTAINMENT CORPORATION OF AMERICA OR EQUAL. THE FIBERBOARD SHALL BE IMPREGNATED WITH A POLYETHYLENE-WAX BLEND AND LAMINATED WITH WATERPROOF ADHESIVE. BEAM FORMS SHALL BE 4" DEEP AND ONE INCH LESS IN WIDTH EITHER SIDE OF THE GRADE BEAM AT BOTTOM OF THE CARTON. NO REINFORCEMENT SHALL BE SUPPORTED ON CARTON VOID FORMS.
18. THE GENERAL CONTRACTOR SHALL EXAMINE THE MECHANICAL DRAWINGS FOR REQUIRED MECHANICAL WORK TO BE PLACED IN CONCRETE. THE CONTRACTOR SHALL NOTIFY AND RECEIVE PERMISSION FROM THE STRUCTURAL ENGINEER FOR THE PLACING OF SLEEVES, PIPES AND OTHER MATERIALS.
19. ALL PIPES GOING THROUGH THE EXTERIOR GRADE BEAMS SHALL BE SLEEVED. ALL PIPES SHALL BE LOCATED AT MID-DEPTH OF GRADE BEAM.
20. SIZE OF SLEEVES SHALL NOT EXCEED 1/3 THE OVERALL THICKNESS OF THE GRADE BEAM. SPACING OF SLEEVES SHALL NOT BE CLOSER THAN 3 DIAMETERS OF PIPE.
21. THE ENGINEER SHALL NOT BE LIABLE FOR ANY FOUNDATION REVISIONS OR CHANGES FROM THE ARCHITECT, CONTRACTORS OR OWNERS WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.
22. CURE ALL CONCRETE IMMEDIATELY AFTER FINISHING WITH APPROVED CHEMICAL CURING COMPOUNDS OR APPROVED CURING METHODS.



**1 FOUNDATION DETAIL**  
SCALE: 1/2" = 1'-0"

**CONCRETE FOUNDATION PLAN**

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

THIS STRUCTURE HAS BEEN DESIGNED TO RESIST A 3 SECOND WIND GUST SPEED OF 120 MPH, EXPOSURE "C" AND IN ACCORDANCE WITH THE 2009 IRC, THE CITY OF KEMAH BUILDING STANDARDS AND TEXAS WINDSTORM STANDARDS.

PROJECT NO:	
DATE DRAWN:	
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REVISIONS:	

McCoy Engineering and Inspection, L.L.C.  
 3911 South Beechwood Court  
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 713-857-3525  
 T. B. P. E. Firm No. 10789  
 MICHAEL W. MCCOY  
 LICENSED PROFESSIONAL ENGINEER  
 59865

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**MARK HESSLER**  
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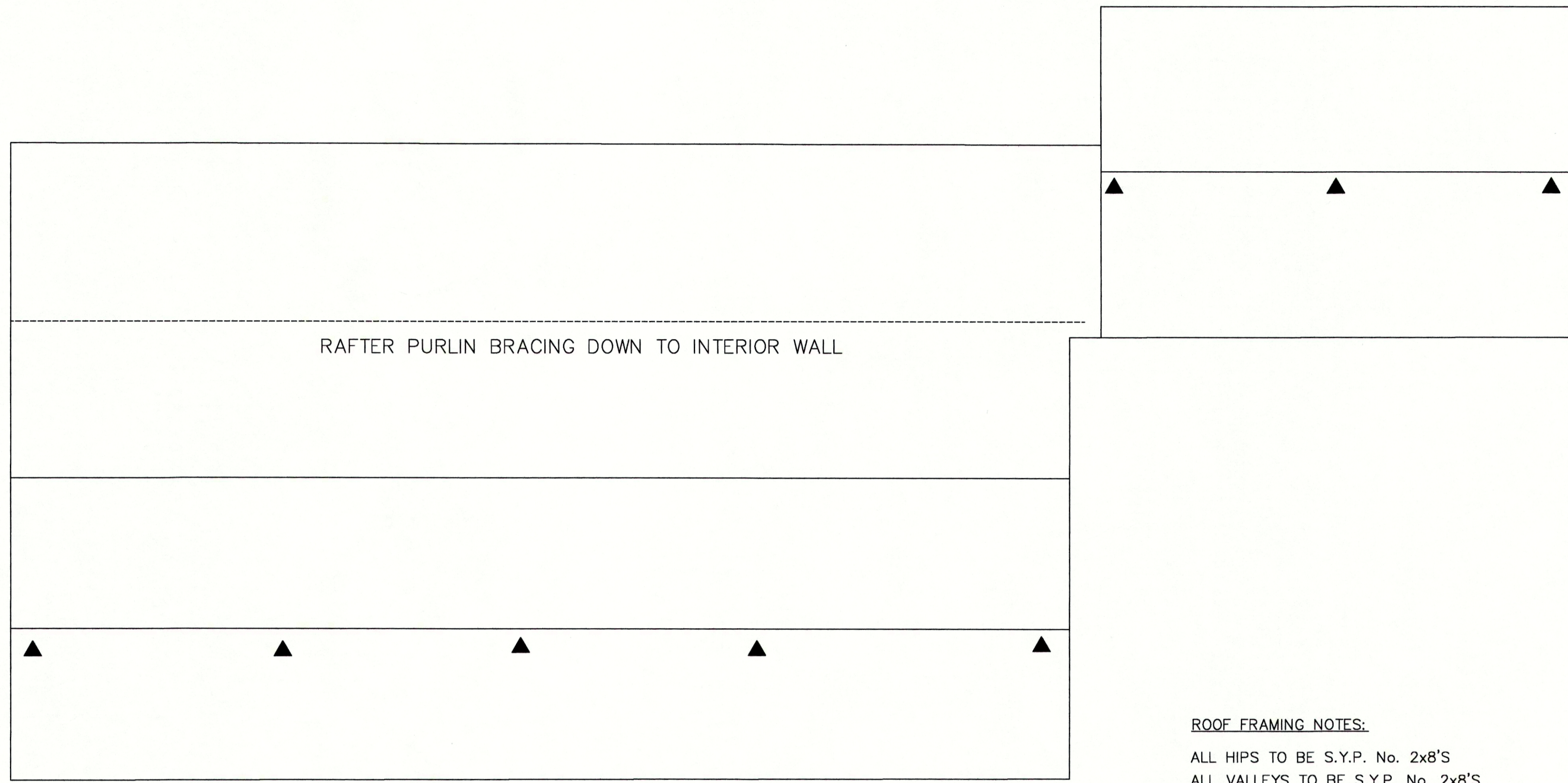
MIKE MCCOY, P.E. #59865  
 JUNE 29, 2015

McCoy Engineering and Inspection, L.L.C.  
 T. B. P. E. Firm No. 10789  
 3911 South Beechwood Court HOUSTON, TEXAS 77059 713-857-3525

S-1







**ROOF LAYOUT PLAN**

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

**ROOF FRAMING NOTES:**

ALL HIPs TO BE S.Y.P. No. 2x8'S  
 ALL VALLEYS TO BE S.Y.P. No. 2x8'S  
 ALL RAFTERS TO BE S.Y.P. No. 2x6'S AT 16" O.C. U.N.O. (TYP.)  
 ALL RIDGES TO BE S.Y.P. No. 2x8'S

SUPPORT ALL RIDGE BEAMS, HIP RAFTERS AND HIP BEAMS EVERY 8 FEET WITH 2x6 STRONGBACK BRACING DOWN TO INTERIOR WALL.

2x6 RAFTERS TO BE SUPPORTED BY CONT. BRACING FOR HORIZONTAL SPANS OF 11'-0" OR GREATER.

COLLAR TIES SHALL BE SPACED AT 32" o.c. (EVERY OTHER RAFTER)

ROOF SHEATHING TO BE MIN. 1/2" PLYWOOD DECKING

▲ 2x6 STRONGBACK BRACING DOWN TO INTERIOR WALL

----- RAFTER PURLIN BRACING DOWN TO INTERIOR WALL

**GENERAL STRUCTURAL NOTES**

1. **TIMBER GRADES**
  - A. ROOF RAFTERS NO. 2 SYP, KD, S4S (U.N.O.)
  - B. CEILING & FLOOR JOIST NO. 2 SYP, KD, S4S (U.N.O.)
  - C. BEAMS & HEADERS NO. 2 SYP, KD, S4S
  - D. STUDS STUD GRADE, SYP, KD, S4S
  - E. WOOD POSTS NO. 2 SYP, TREATED LUMBER
2. **JOIST**
  - A. **JOIST BLOCKING**
    - 1) JOIST SHALL BE LATERALLY SUPPORTED AT EACH END AND AT EACH SUPPORT BY SOLID BLOCKING EXCEPT WHERE THE ENDS OF JOIST ARE NAILED INTO A HEADER BAND/ROW JOIST OR TO AN ADJOINING STUD. SOLID BLOCKING SHALL NOT BE LESS THAN TWO INCHES IN THE THICKNESS AND SHALL MATCH THE DEPTH OF THE JOIST.
    - 2) PROVIDE SOLID BLOCKING UNDER ALL BEARING WALLS PERPENDICULAR TO THE DIRECTION OF THE JOIST.
    - 3) PROVIDE DOUBLE JOIST UNDER ALL BEARING WALLS PARALLEL TO THE DIRECTION OF THE JOIST.
  - B. **JOIST BRIDGING**
    - 1) PROVIDE BRIDGING AT ALL FLOOR JOIST AT SPACING NOT TO EXCEED 8'-0".
  - C. **JOIST HOLES AND NOTCHES**
    - 1) NOTCHES IN THE TOP OR BOTTOM OF JOIST SHALL NOT EXCEED ONE SIXTH (1/6) OF THE JOIST DEPTH AND SHALL NOT BE LOCATED WITHIN THE MIDDLE THIRD OF THE SPAN.
    - 2) HOLES SHALL NOT BE CLOSER THAN 2" TO THE TOP OR BOTTOM OF JOIST. THE DIAMETER OF ANY HOLE SHALL NOT EXCEED ONE FOURTH (1/4) THE JOIST DEPTH UNLESS APPROVED BY THE ENGINEER.
3. **BEAMS AND HEADERS**
  - A. AT BEAMS MADE UP OF A NUMBER OF 2x JOIST, EACH JOIST WILL BEAR ON WALL STUD (I.E. NUMBER OF WALL STUDS SHALL MATCH NUMBER OF JOIST BEARING ON THESE STUDS). THE CENTERLINE OF EACH BEAM SHALL BE THE CENTERLINE OF THE SUPPORTING WALL STUDS.
  - B. ALL BEAMS MADE OF 2x JOIST SHALL BE FASTENED AS FOLLOWS:
    - 1) FOR MAXIMUM HORIZONTAL SPACING OF BOLTS:
      - 2-2x12 6d NAILS @ 12" TOP & BOTTOM, STAGGERED EACH FACE
      - 3-2x12 20d NAILS @ 12" TOP & BOTTOM, STAGGERED EA FACE
      - 4-2x12 OR MORE 5/8" BOLTS @ 12" top & bottom, staggered (W/STUD WASHERS)
    - 2) BOLTS SHALL BE 5/8" LOCATED 2" MINIMUM FROM BEAM EDGES AND SHALL BE STAGGERED @ TOP & BOTTOM ROWS, PROVIDE STANDARD WASHERS @ EACH FACE.
  - C. ALL DOOR AND WINDOW HEADERS (OR AT ANY OTHER OPENING) THAT ARE NOT SPECIFIED ON THE PLANS SHALL BE AS FOLLOWS:
    - 1) FLOORING FRAMING: 2-2x12
    - 2) CEILING FRAMING: 2-2x8
  - D. MINIMUM BEARING OF ANY BEAM OR HEADER AT A STUD WALL IS 3".
4. **STUD WALLS:**
  - A. STUDS SHALL BE AS FOLLOWS:
    - 1) 2x4 @ 16" AT ALL FLOORS IN ONE AND TWO STORY STRUCTURES.
    - 2) 2-2x4 OR 2x6 @ 16" AT ALL STUD WALLS AT FIRST FLOOR AREAS DIRECTLY BELOW A THIRD FLOOR.
  - B. PROVIDE A MINIMUM OF TWO STUDS AT EACH SIDE OF OPENING LARGER THAN 4'-0", FULL HEIGHT OF WALL (KING STUDS).
  - C. MAXIMUM STUD WALL HEIGHT SHALL BE AS FOLLOWS:
    - 1) 2x4 STUDS @ 16" 10 FEET HIGH
    - 2) 2x4 STUDS @ 16" 13 FEET HIGH
    - 3) 2x6 STUDS @ 16" 16FEET HIGH
  - D. BLOCKING AND LATERAL STRUCTURES
    - 1) PROVIDE BLOCKING AND/OR TEMPORARY CROSS BRACING AS REQUIRED TO ENSURE STUD STRAIGHTNESS ACCORDING TO SPECIFIED TOLERANCES.
    - 2) MAXIMUM TOLERANCE FRO STUD STRAIGHTNESS IN EITHER DIRECTION IS 1/4" PER TEN FEET OF STUD HEIGHT.
5. **ROOF DECKING**
  - A. A MINIMUM THICKNESS SHALL BE 7/16" MINIMUM THICK CDX PLYWOOD OR OSB SHEATHING FOR ROOFS WITH ASPHALT OR METAL ROOF COVERINGS AND 1/2" MINIMUM THICK CDX PLYWOOD OR OSB SHEATHING FOR TILE ROOFS.
  - B. MINIMUM NAILING SHALL BE AS PER REQUIRED BUILDING CODES OR PER MANUFACTURER.
  - C. PLYWOOD CLIPS SHALL BE INSTALLED @ 1/8" GAP BETWEEN ALL PANELS EDGES. PROVIDE 1 CLIP PER SPAN (JOIST SPACING). CLIPS SHALL BE SIMPSON PSCCL OR APPROVED EQUAL, TO MATCH CORRESPONDING PLYWOOD THICKNESS.
6. **PLYWOOD FLOOR DECK:**
  - A. PLYWOOD SHALL BE 1/2" THICK AND SHALL BE STANDARD C-D EXTERIOR GRADE.
  - B. LAY PANELS IN A STAGGERED PATTERN.
  - C. BLOCK ALL EDGES WITH 2-2x4 BLOCKING.
  - D. GLUE AND NAIL TO FRAMING MEMBERS AS FOLLOWS:
    - 1) GLUE SHALL CONFORM TO APA SPECIFICATION AFS-01, APPLIED IN A CONTINUOUS BEAD & IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
    - 2) ALL NAILS SHALL BE 8d OR SCREW SHANK.
    - 3) NAIL SPACING SHALL BE AS FOLLOWS:
      - 4" O.C. @ PANEL EDGES
      - 12" O.C. @ INTERMEDIATE SUPPORTS
7. **CONNECTIONS AND FASTENERS:**
  - A. CONNECTIONS SHALL BE AS MANUFACTURED BY SIMPSON STRONG-TIE OR EQUAL (NAIL ALL NAIL HOLES).
  - B. PROVIDE BASE AND CAP CONNECTORS AT ALL COLUMNS AS FOLLOWS:
    - 1) COLUMN BASE CONNECTOR: ABU SERIES
    - 2) COLUMN CAP CONNECTOR: PC SERIES
  - C. WHERE REQUIRED, JOIST HANGERS SHALL BE 16 GA. GALVANIZED "U-STANDARD" JOIST HANGERS, APPLICABLE TO CORRESPONDING SIZE, INCLUDING DOUBLE OR TRIPLE JOISTS.
  - D. WHERE REQUIRED, BEAM/PURLIN HANGER SHALL BE 12 GA. GALVANIZED, "B-SERIES" APPLICABLE TO CORRESPONDING SIZE.
  - E. PROVIDE 5/8" DIAMETER ANCHOR BOLTS AT ALL EXTERIOR STUD WALL SILL PLATES. BOLTS SHALL BE 10" LONG, ASTM A-307 (U.N.O.) AT SPACING SPECIFIED IN THE PLANS.
  - F. ANCHOR BOLTS SHALL BE INSTALLED AT A MINIMUM OF 12" FROM EACH CORNER.
  - G. WHERE CALLED OUT, ALL THROUGH BOLTS SHALL BE ASTM A-307. PROVIDE ROUND STANDARD WASHERS AT ALL WOOD SURFACES.
  - H. ALL BOLTS, NUTS, WASHERS, NAILS & OTHER FASTENERS EXPOSED TO WEATHER OR USED FOR SHEATHING, EXTERIOR COVERING AND ROOFING MATERIAL SHALL BE GALVANIZED OR STAINLESS STEEL.

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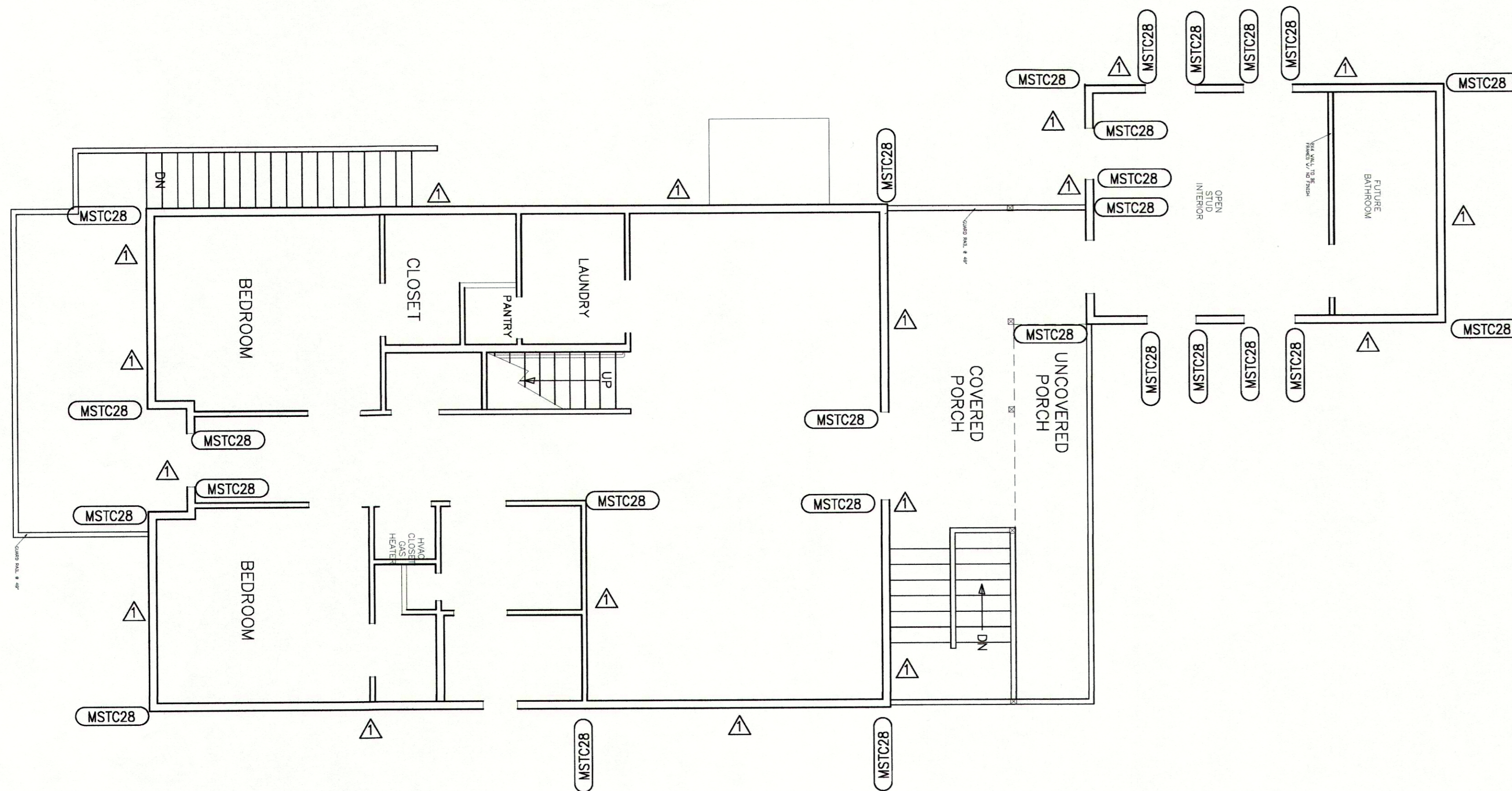
MIKE McCOY, P.E. #59865  
 JUNE 29, 2015

PROJECT NO.:	
DATE DRAWN:	
BY:	
CHECKED:	
ISSUED:	
REVISIONS:	

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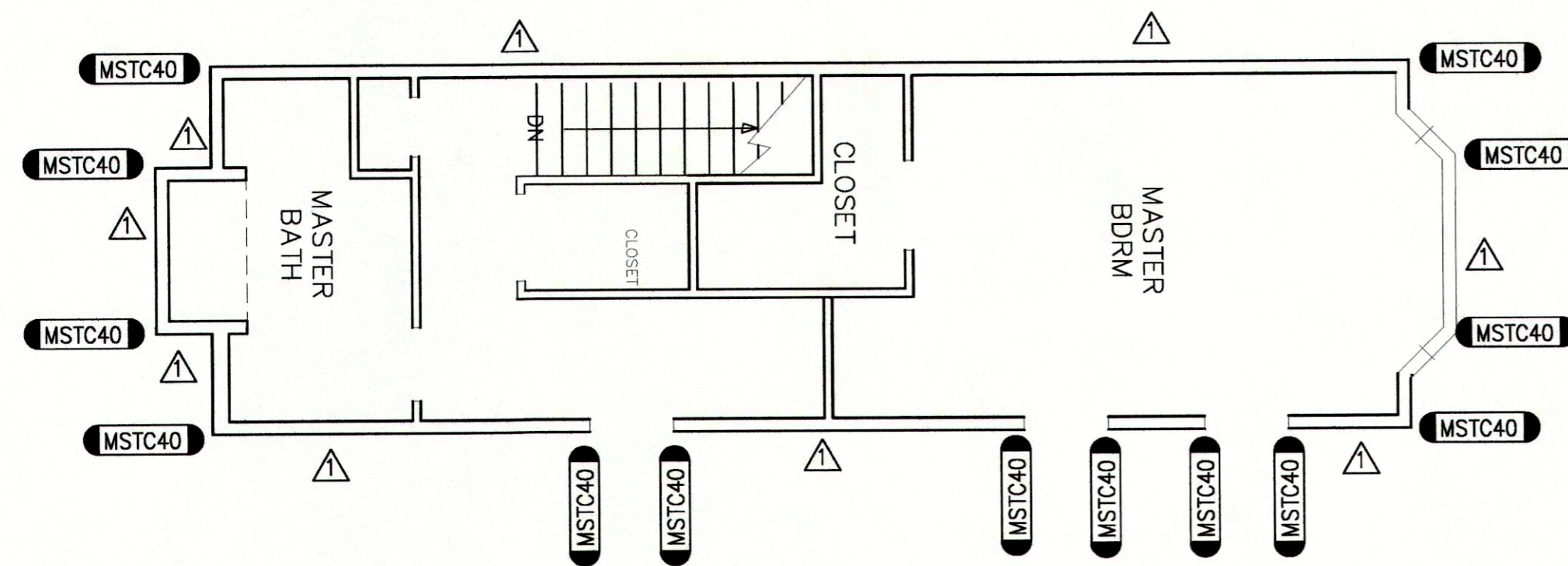
NEW CUSTOM HOME  
 MARK HESSLER  
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**2nd FLOOR SHEAR WALL PLAN**

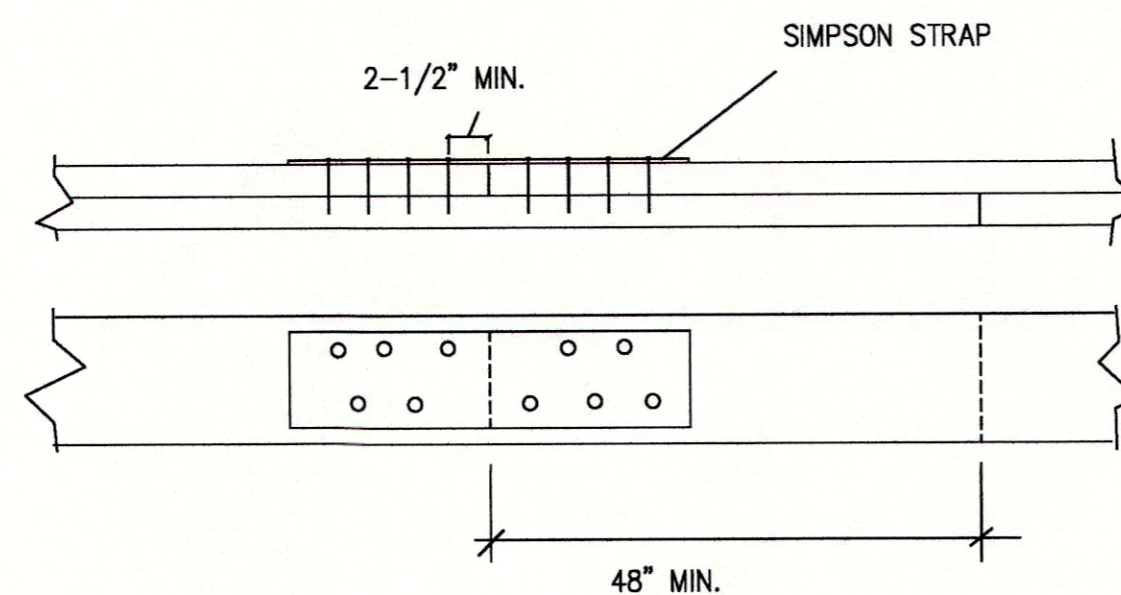
SCALE: 3/16" = 1'-0"



**3rd FLOOR SHEAR WALL PLAN**

SCALE: 3/16" = 1'-0"

TOP PLATE CONNECTION  
 FOR ALL TOP PLATE CONNECTIONS USE 2 ROWS 14 -16d NAILS @ 2 1/2" IN O.C. EACH SIDE (SIMPSON STRAP NOT REQUIRED)



**NOTE:**  
 THE CONTRACTOR SHALL SUBMIT FOR APPROVAL ALL TEXAS DEPARTMENTS OF INSURANCE EVALUATION REPORTS FOR ALL COMPONENTS AND CLADDING PRIOR TO INSTALLATION. COMPONENTS AND CLADDING INCLUDE BUT NOT LIMITED TO WINDOWS, DOORS, SLIDING DOORS, GARAGE DOORS, SIDING, STUCCO, BRICK VENEER, ROOFING MATERIAL AND SKYLIGHTS. THE ENGINEER IS NOT RESPONSIBLE FOR IMPROPER INSTALLATION OR FOR INSTALLATION OF ANY UN-APPROVED PRODUCTS.

ROOF/WALL SHEATHING SCHEDULE		
SHEAR WALL SCHEDULE		
WALL	SHEATHING	NAILING PATTERN
△	S-1	N-1
△	S-2	N-1
△	S-3	N-2
△	S-	N-

**SHEAR WALL SCHEDULE NOTES:**

**SHEATHING**

- S-1: 7/16" PLYWOOD OR OSB, ALL PANEL EDGES BLOCKED
- S-2: 1/2" PLYWOOD OR OSB, ALL PANEL EDGES BLOCKED
- S-3: 19/32" PLYWOOD OR OSB, ALL PANEL EDGES BLOCKED

**NAILING**

- N-1: 8d NAILS AT 4" ON CENTER AT ALL PANEL EDGES AND 12" ON CENTER AT INTERMEDIATE SUPPORTS
  - N-2: 8d NAILS AT 4" ON CENTER AT ALL PANEL EDGES AND 12" ON CENTER AT INTERMEDIATE SUPPORTS
- NOTE:** PROVIDE 6x6 POST OR PACKED STUDS AT EACH END OF SHEAR WALL FOR HOLD-DOWN ATTACHMENT. PROVIDE ANCHOR BOLTS PER SIMPSON RECOMMENDATIONS.

**ROOF DIAPHRAGM**

USE 1/2" MIN. APA RATED SHEATHING, WITH 8d NAILS AT 4" ON CENTER AT PANEL AND 12" ON CENTER AT INTERMEDIATE SUPPORTS.

**NON-SHEAR WALL NAILING**

N-1: 8d NAILS AT 4" ON CENTER AT ALL PANEL EDGES AND 12" ON CENTER AT INTERMEDIATE SUPPORTS

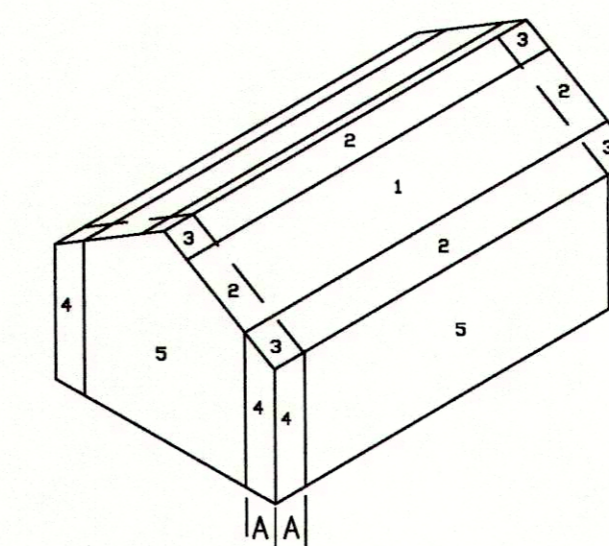
**ANCHOR BOLTS**

USE 5/8" DIA. x 10" L BOLTS WITH ROUND WASHERS @ 48" SPACING WITH A MINIMUM EMBEDMENT OF 7" INTO CONCRETE FOUNDATION.

**CONCRETE HOLDDOWNS**

- (HD) SIMPSON HDU5-SDS2.5 OR STD14 (MSTC28) SIMPSON MSTC28
- (HD) SIMPSON HDU4-SDS2.5 OR STD10
- (MSTC40) SIMPSON MSTC40

CONNECTION	SIMPSON CONNECTOR	
RAFTER TO TOP PLATE	H2.5A	EVERY RAFTER TO TOP PLATE
TOP PLATE TO STUD	H2.5A	EVERY STUD TO TOP PLATE
SECOND FLOOR STUD TO FIRST FLOOR STUD	CS20 or LSTA36	EVERY STUD END LENGTH = 10"
STUD TO BOTTOM PLATE	H2.5	EVERY STUD TO BOTTOM PLATE
4" HEADER TO STUDS	LTA15	1 @ EVERY CORNER
6" HEADER TO STUDS	LTA15	2 @ EVERY CORNER
8" HEADER TO STUDS	LTA18	2 @ EVERY CORNER
10" HEADER TO STUDS	LTA18	2 @ EVERY CORNER
18" HEADER TO STUDS	LTA18	2 @ EVERY CORNER
8x8 POST TO CONCRETE	ABU88	EVERY POST
4x4 POST TO BEAM	LTA15	2 AT EVERY POST
6x6 POST TO CONCRETE	ABU66	EVERY POST
6x6 POST TO BEAM	LTA18	2 AT EVERY POST



WIND ZONES OF BUILDING

A=4.0 FEET

COMPONENTS & CLADDING PRESSURE (PSF)	ZONE 1		ZONE 2		ZONE 3		ZONE 4		ZONE 5	
	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
	+22	-34	+22	-65	+22	-87	+37	-40	+37	-50

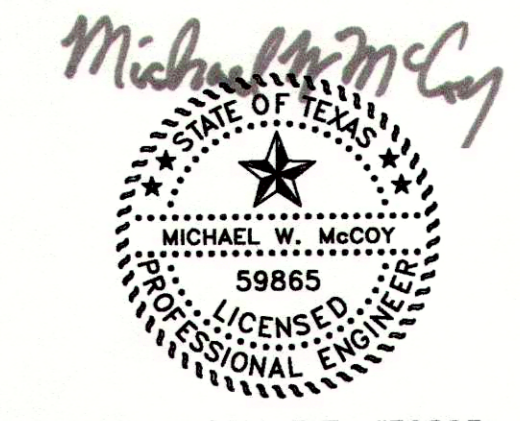
ROOF - ZONE 1, 2 & 3  
 WINDOWS, DOORS & WALLS - ZONE 4 & 5  
 NOTE - ZONE 5 IS ALL COMPONENTS AND CLADDING LOCATED WITH THE "A" DISTANCE OF ANY EXTERIOR OR INTERIOR CORNER

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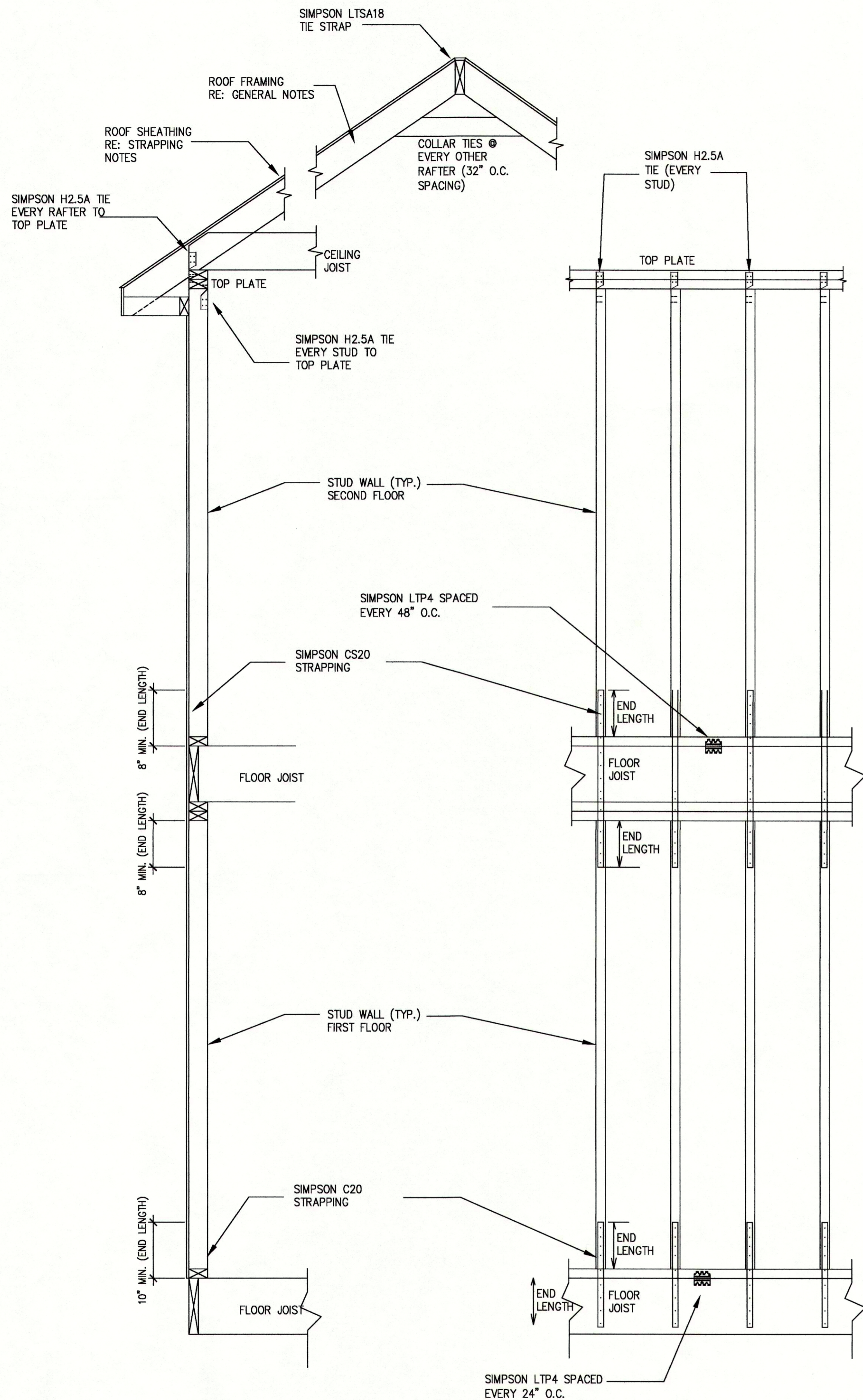
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NEW CUSTOM HOME  
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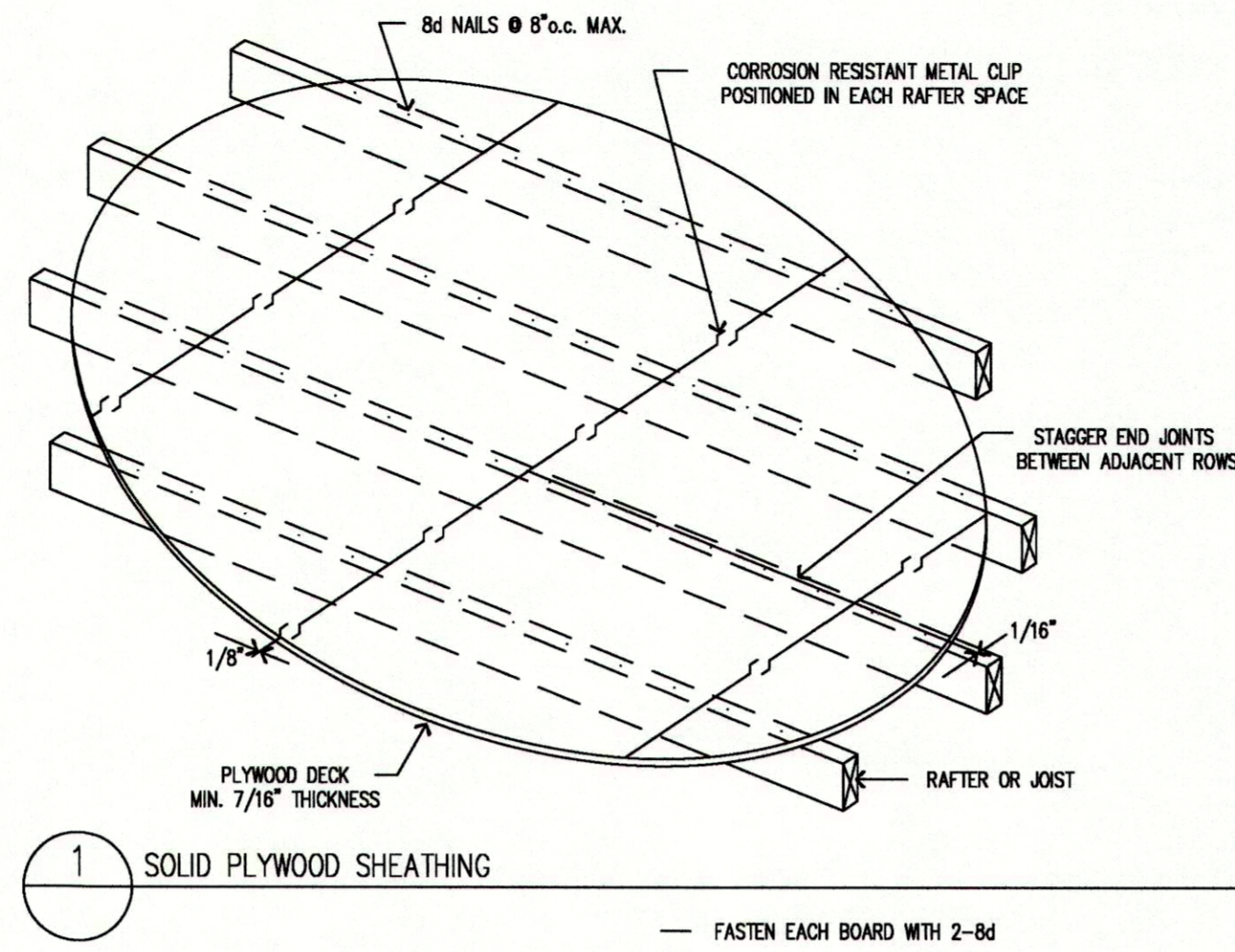
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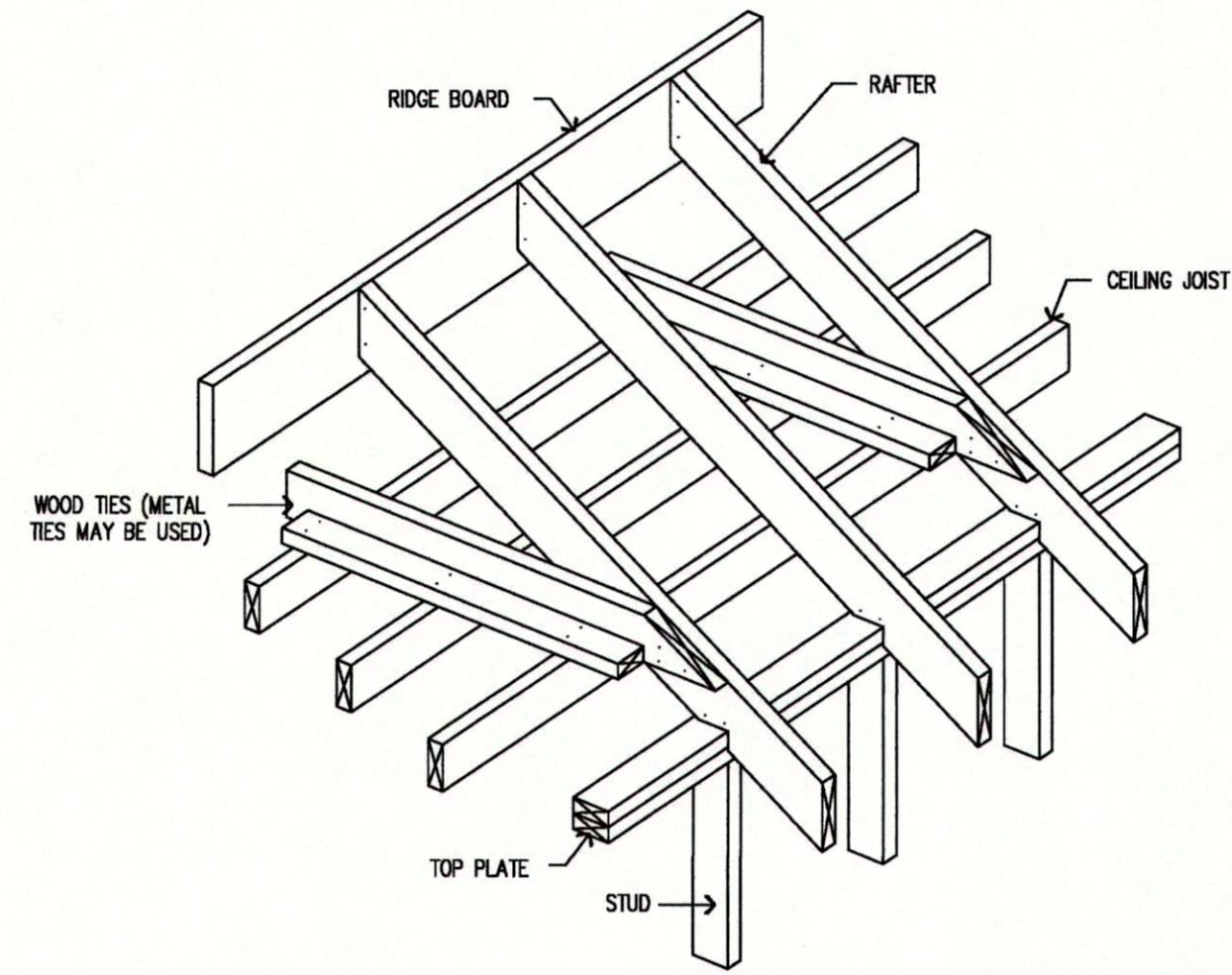
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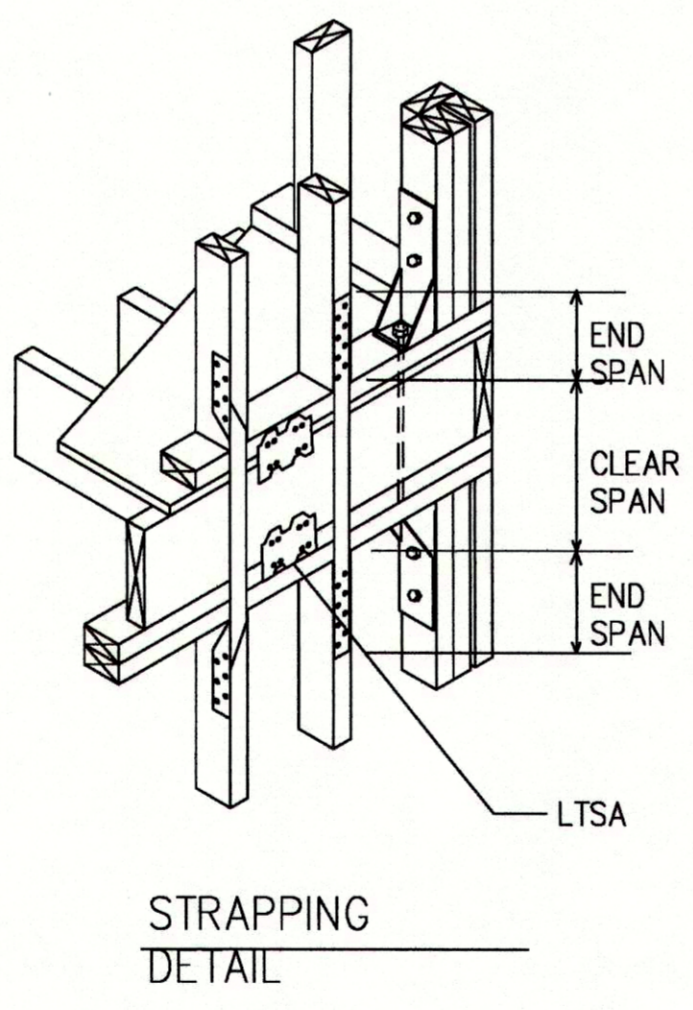
1 TWO STORY STRAPPING PLAN



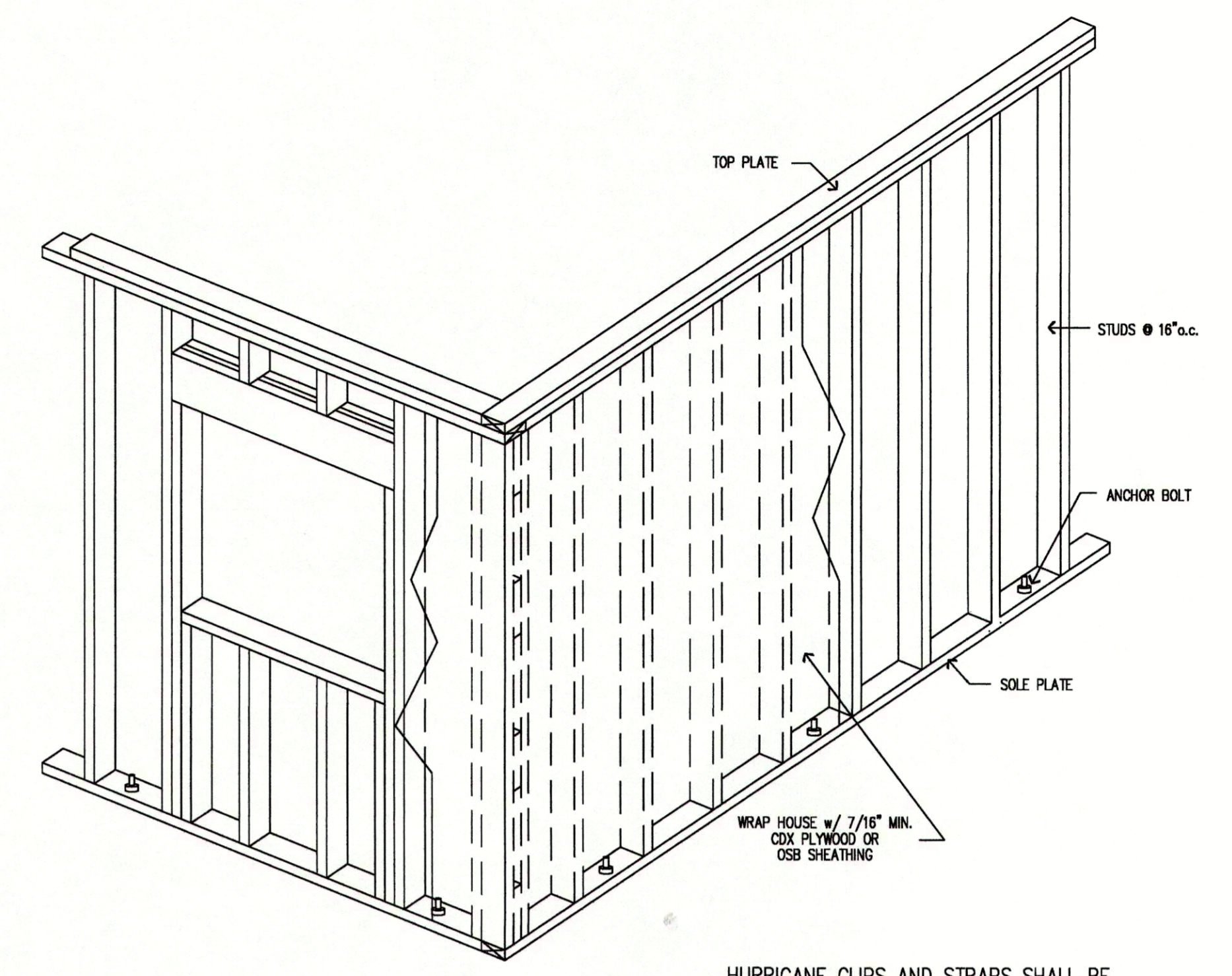
1 SOLID PLYWOOD SHEATHING  
FASTEN EACH BOARD WITH 2-8d



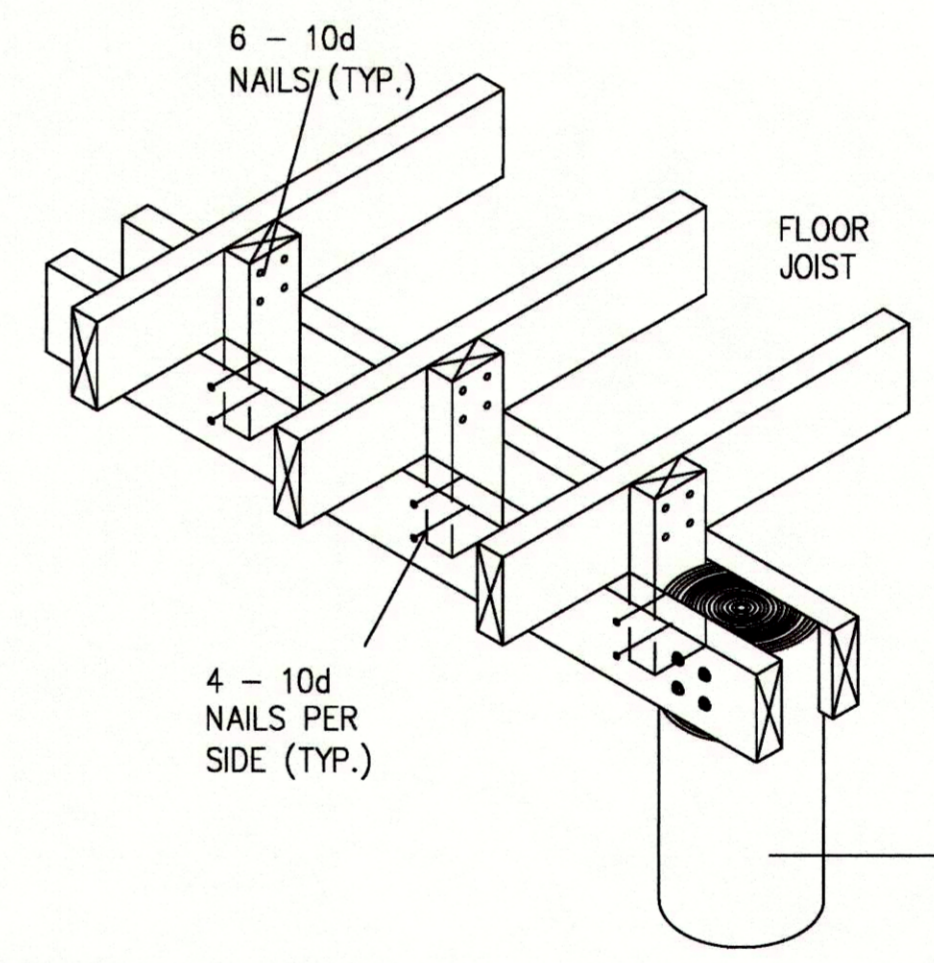
4 SECURING RAFTERS TO PERPENDICULAR JOISTS BELOW



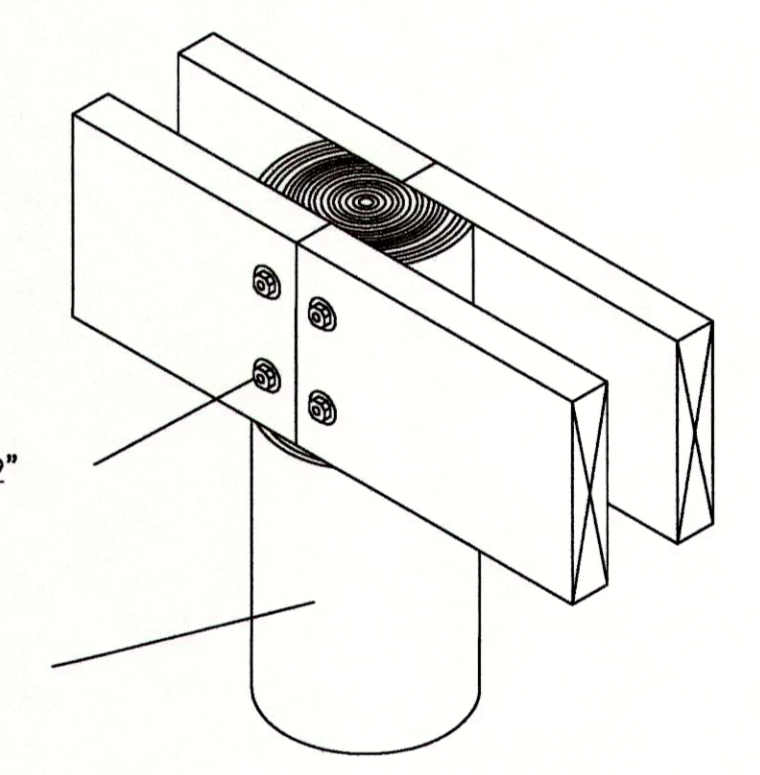
STRAPPING DETAIL



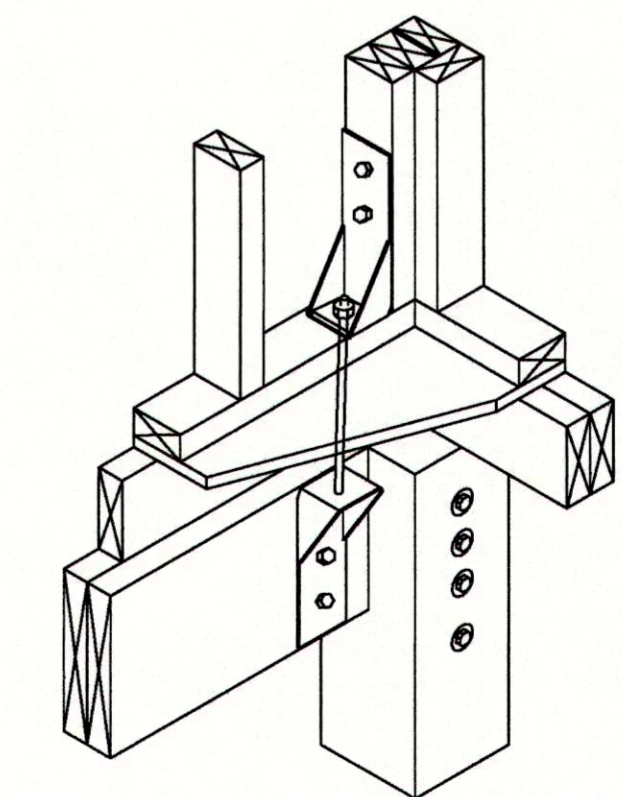
7 LATERAL BRACING OF EXTERIOR WALLS



FLOOR JOIST TO BEAM SECURE DETAIL



BEAM TO COLUMN CONNECTION DETAIL



HOLD DOWN DETAIL

HURRICANE CLIPS AND STRAPS SHALL BE INSTALLED ON EACH STRUCTURAL CONNECTION.

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DATE DRAWN:	CONST.:
DATE DATE:	REVISIONS:

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NEW CUSTOM HOME  
MARK HESSLER  
806 KIPP AVE  
KEMAH, TEXAS 77565

McCoy Engineering and Inspection, L.L.C.  
T. B. P. E. Firm No. 1 0 7 8 9  
3911 South Beechwood Court HOUSTON, TEXAS 77059 713-857-3525

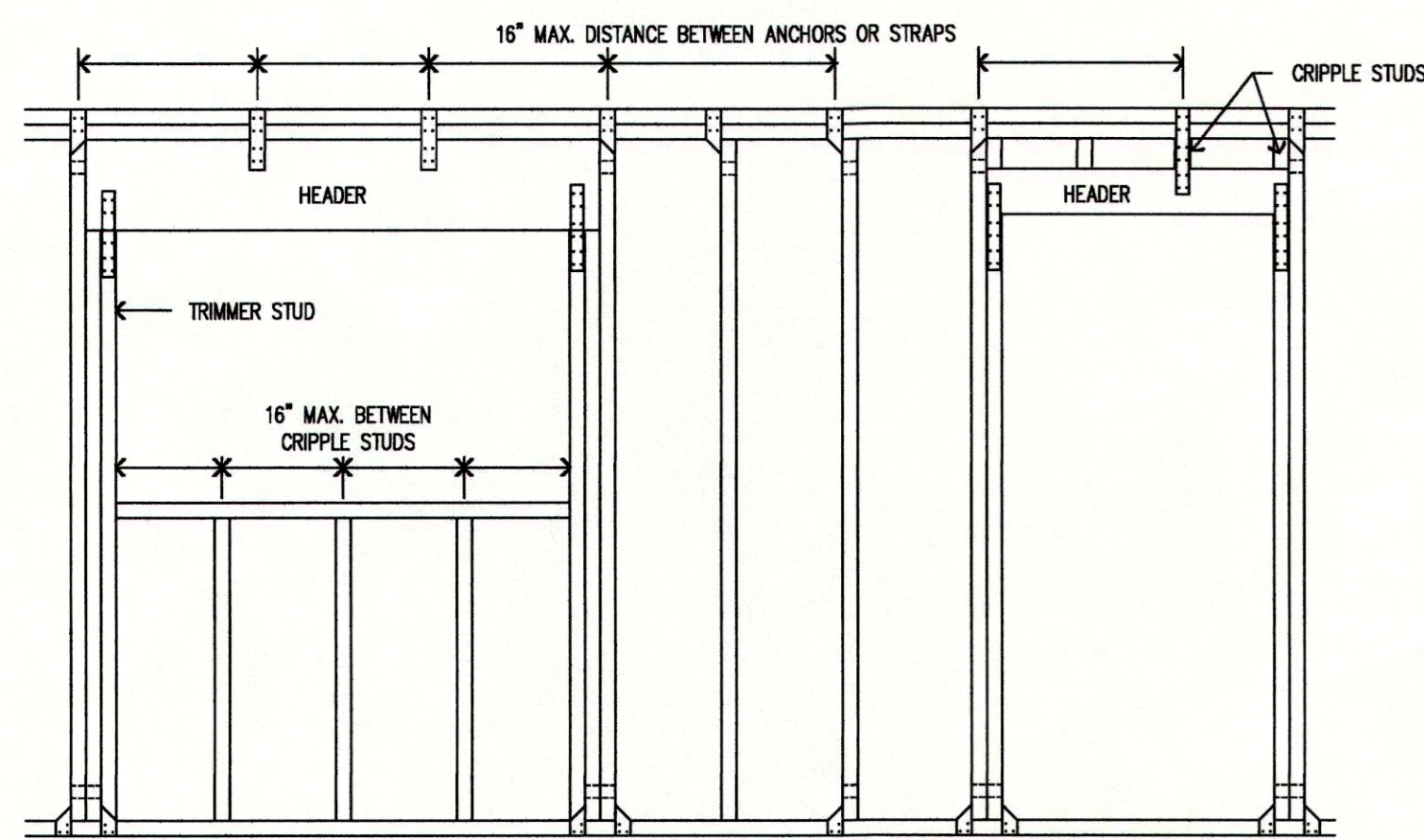
S-6



MIKE McCOY, P.E. #59865  
JUNE 29, 2015

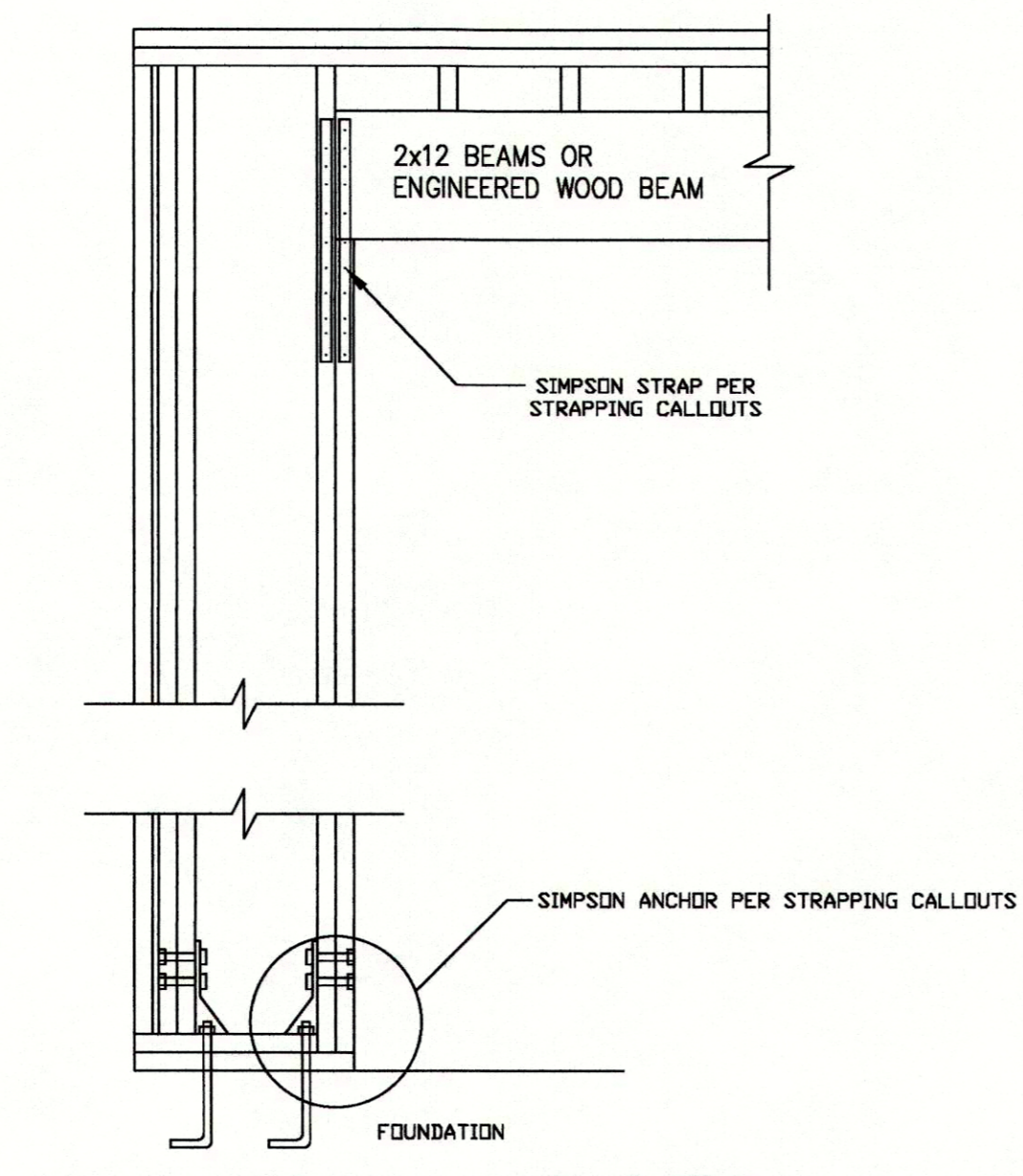
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REVISIONS:	

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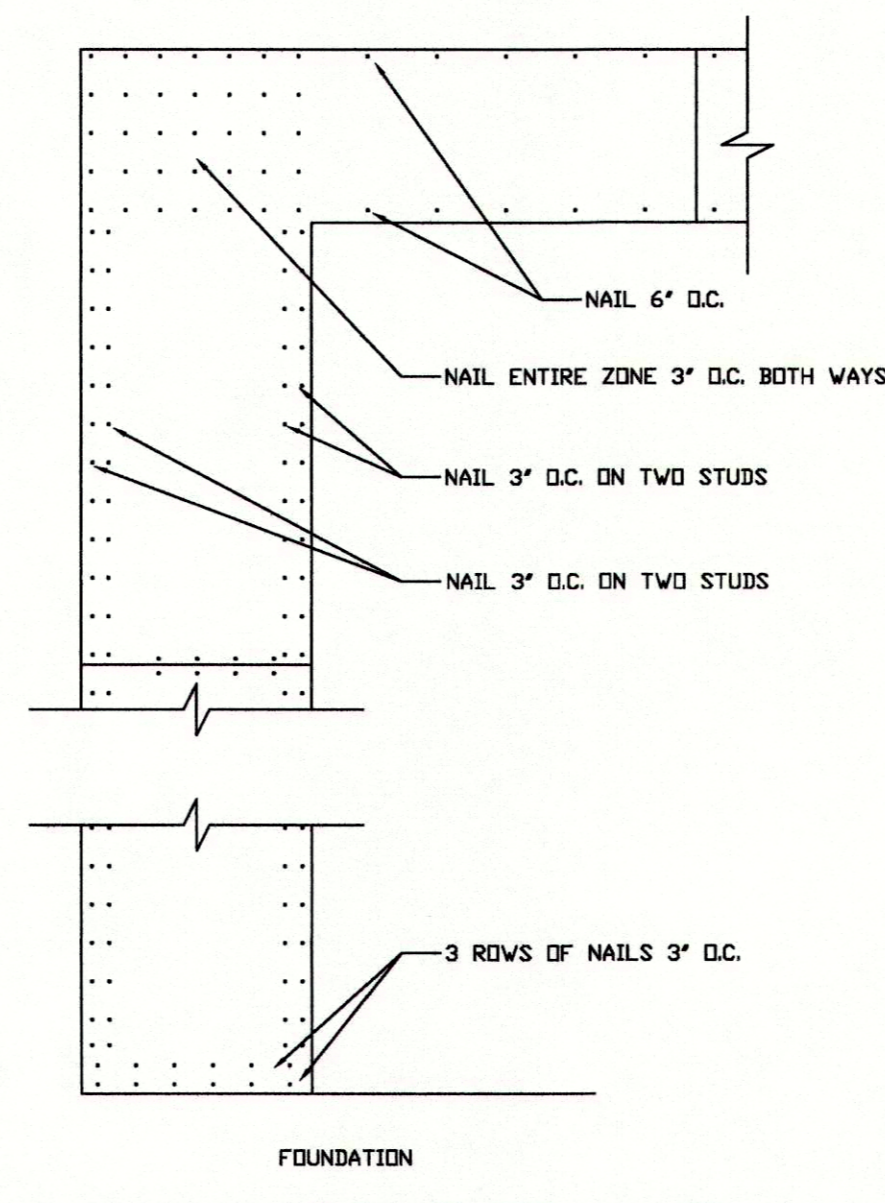


HURRICANE CLIPS AND STRAPS SHALL BE INSTALLED ON EACH STRUCTURAL CONNECTION.

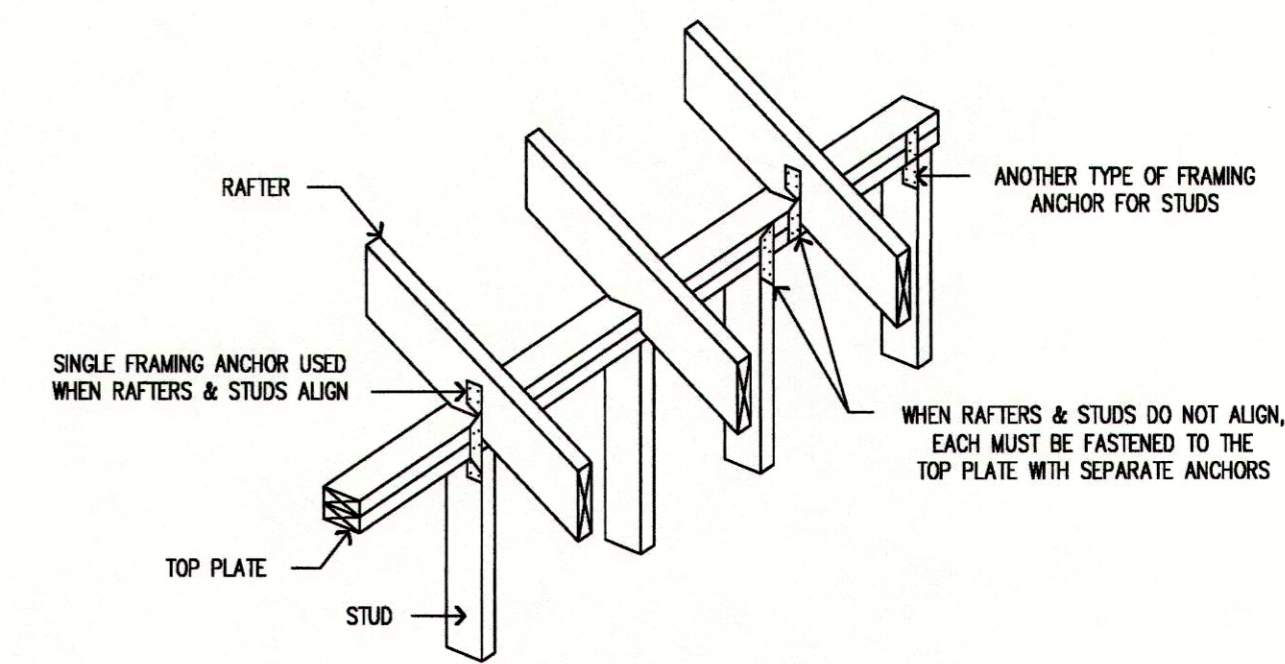
10 ANCHORAGE OF HEADERS



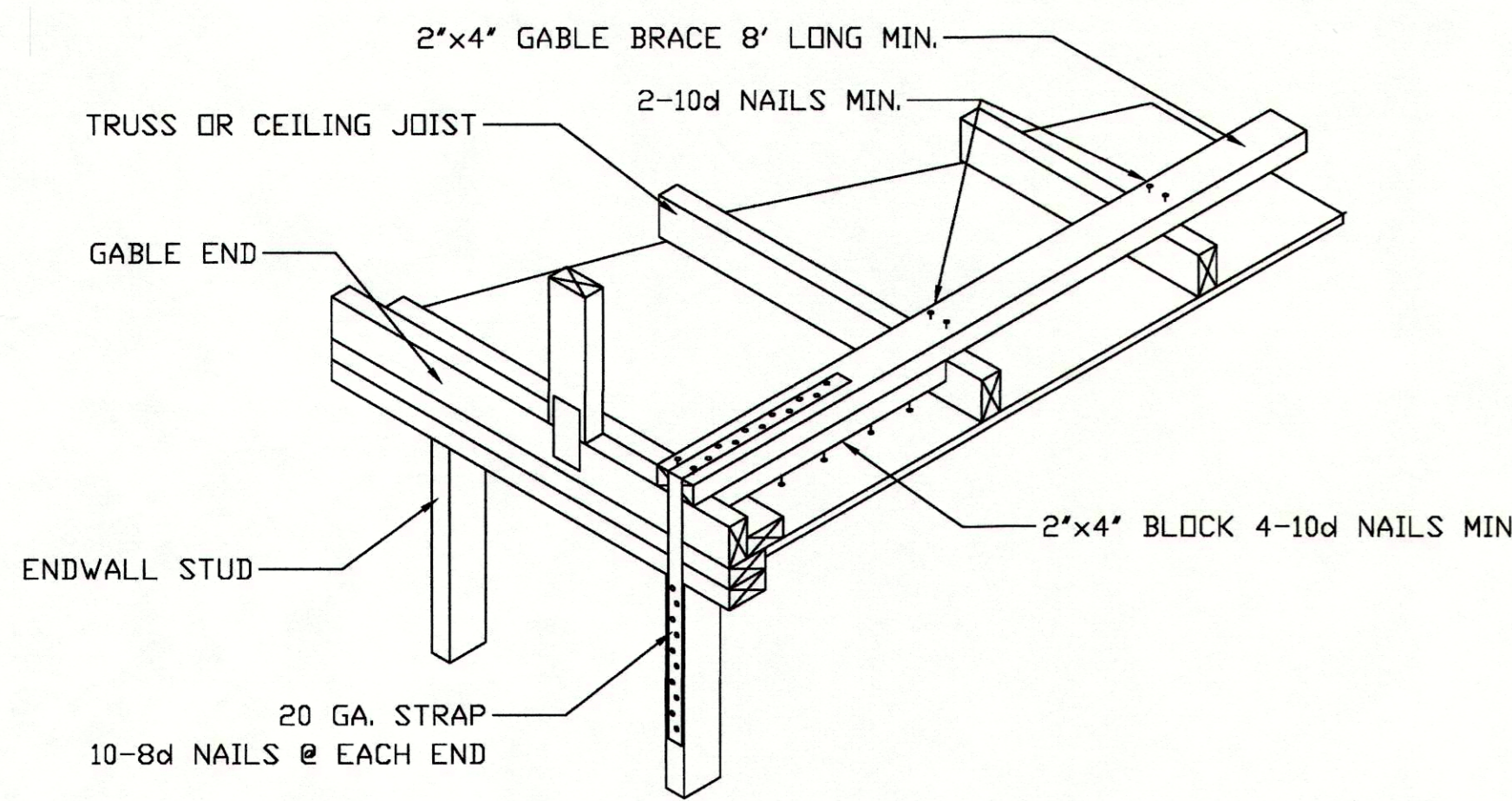
13 GARAGE END WALL FRAMING DETAIL



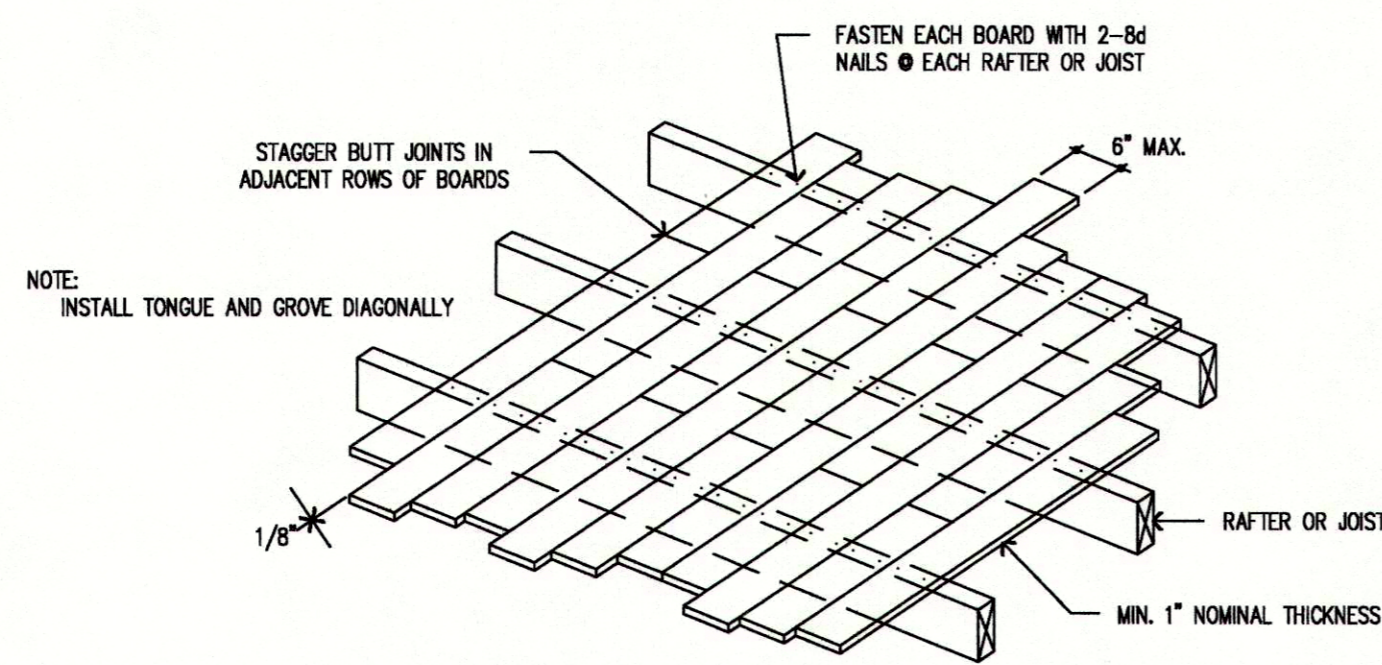
14 FASTENING RAFTERS TO THE WALL FRAMING



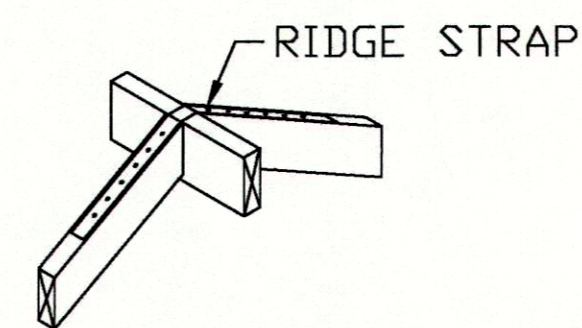
15 CONNECTING GABLE STUDS TO RAFTER AND TOP PLATE



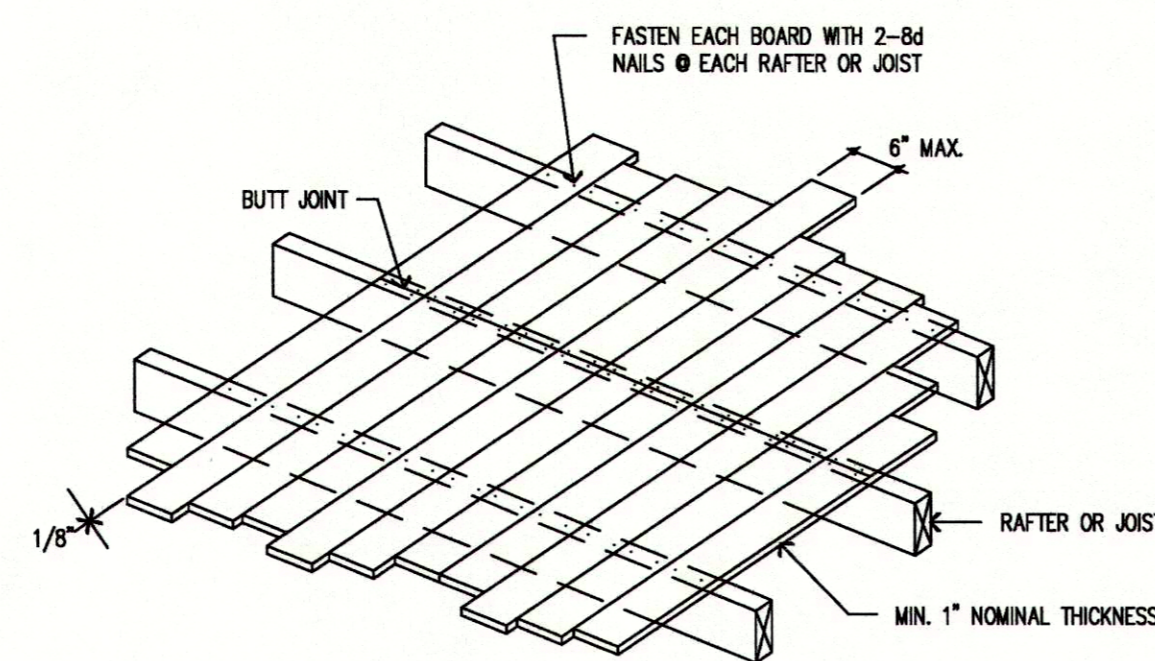
GABLE WALL END BRACING DETAIL



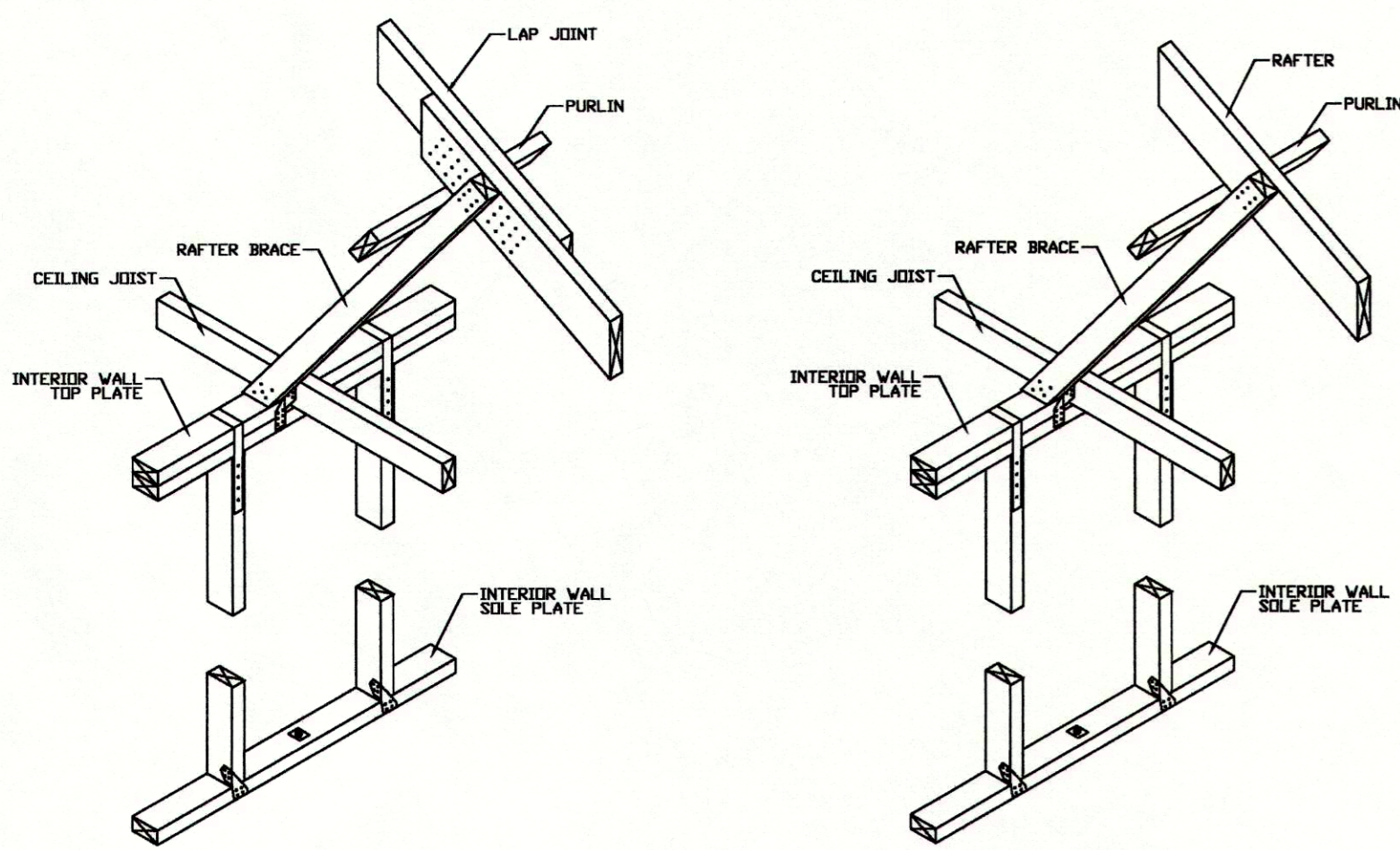
11 SOLID END-MATCHED BOARD SHEATHING



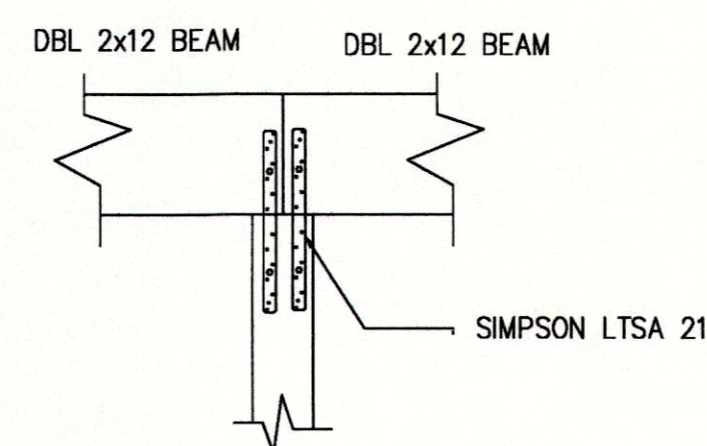
RAFTER STRAP DETAIL



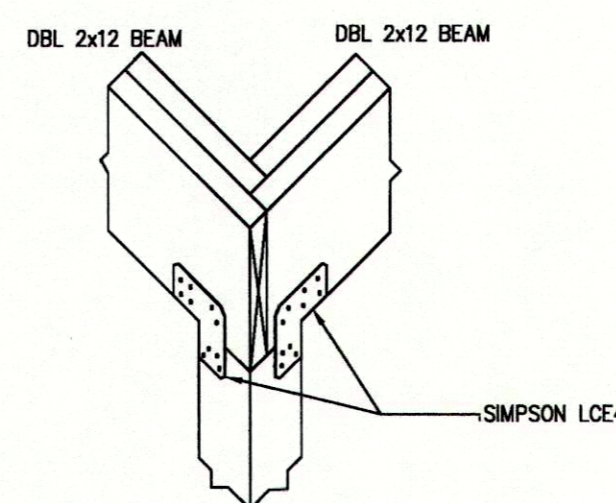
12 SOLID BOARD SHEATHING



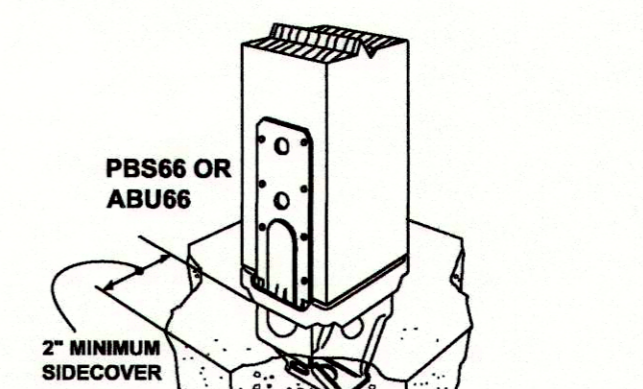
RAFTER BRACING/SECURING DETAIL



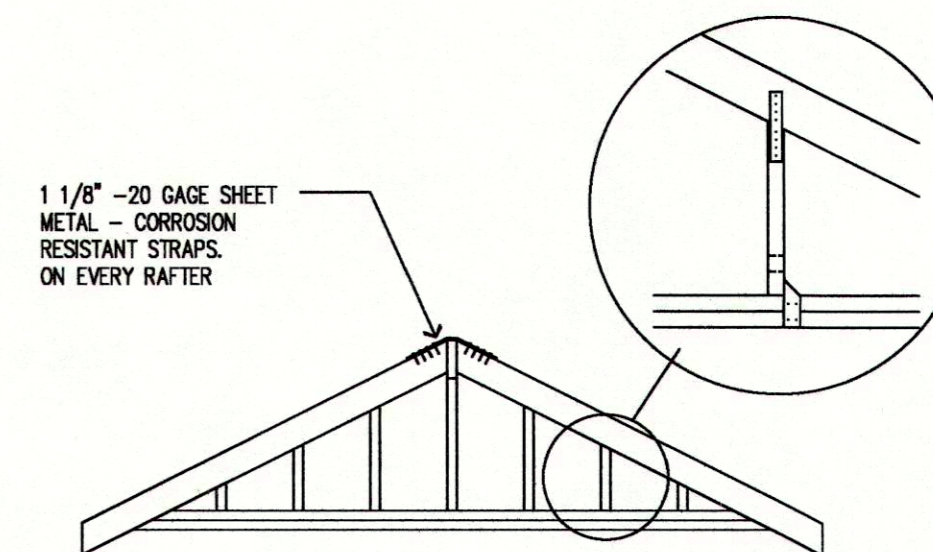
20 INT. COLUMN STRAPPING DETAIL



21 CORNER COLUMN STRAPPING DETAIL



7 WOOD COLUMN TO CONCRETE ANCHOR



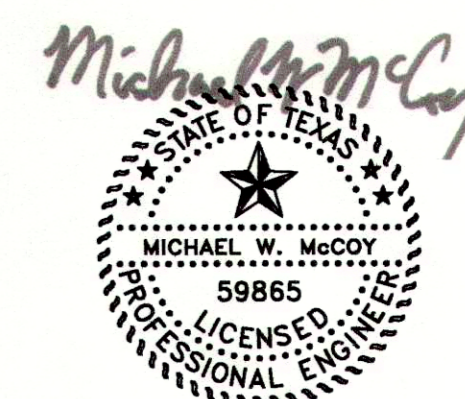
HURRICANE CLIPS AND STRAPS SHALL BE INSTALLED ON EACH STRUCTURAL CONNECTION.

NOTE:  
1 1/8\"/>

THIS STRUCTURE HAS BEEN DESIGNED TO RESIST A 3 SECOND WIND GUST SPEED OF 120 MPH, EXPOSURE 'C' AND IN ACCORDANCE WITH THE 2009 IRC, THE CITY OF KEMAH BUILDING STANDARDS AND TEXAS WINDSTORM STANDARDS.

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