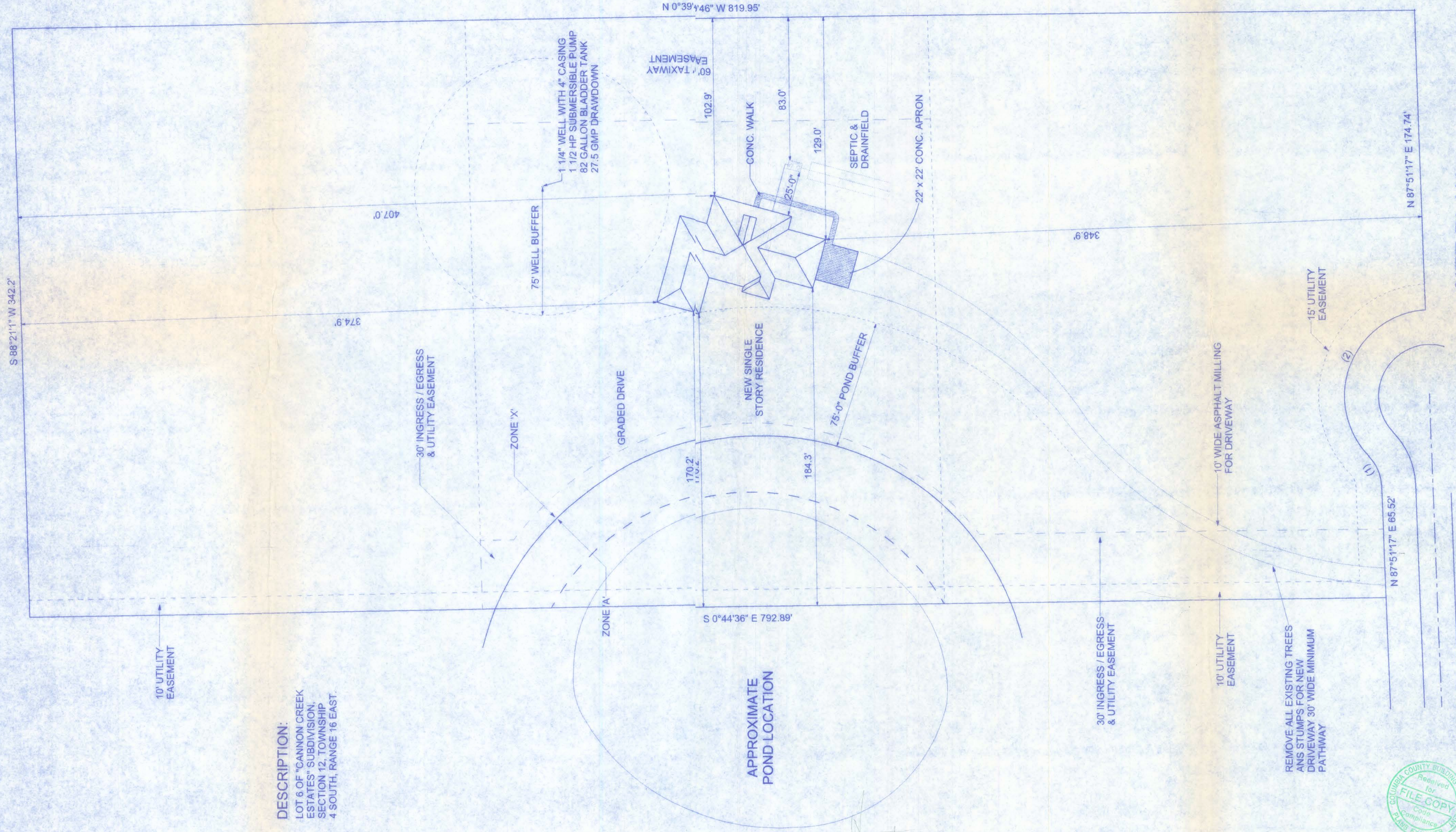


DESCRIPTION:
LOT 6 OF "CANNON CREEK
ESTATES" SUBDIVISION,
SECTION 12, TOWNSHIP
4 SOUTH, RANGE 16 EAST.



SITE PLAN
SCALE: 1" = 30'-0"



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128 SW NASSAU STREET
LAKE CITY, FL 32025
(386) 758-4209

CERTIFICATE OF AUTHORIZATION # 00089701

DATE: 3/07/08
DRAWN BY: J.T.D.
APPROVED: W.H.F.

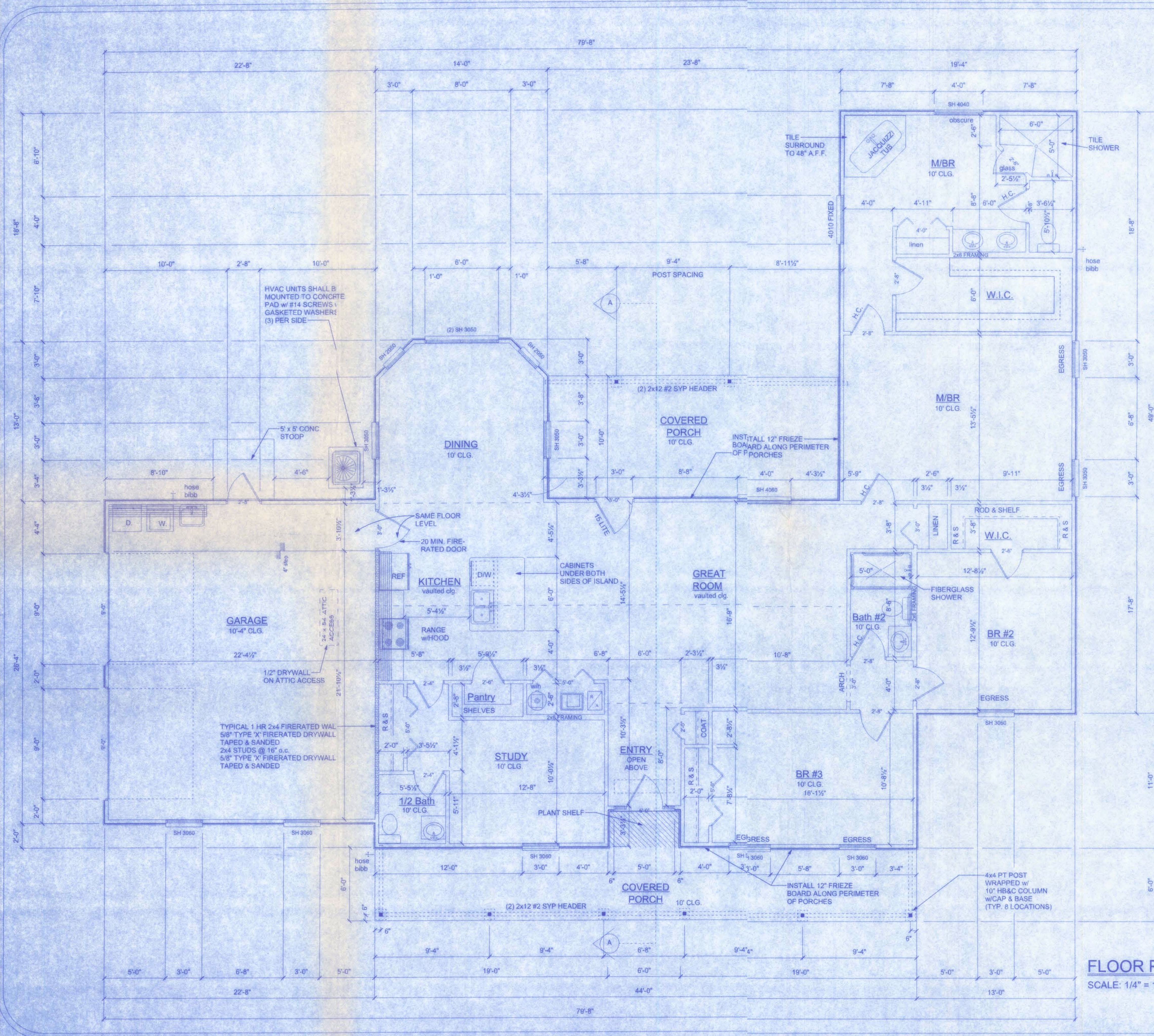
REVISIONS:

SHEET: SP-1
OF: 1

PROJECT NO.

KNEPPAR RESIDENCE

4/1/08
12509
TEST SEAL



NOTE: SEE SHEET A-4 FOR
UPDATED FOUNDATION DETAILS.

AREA SUMMARY	
HEATED	2,226 SF
GARAGE	613 SF
PORCHES	488 SF
TOTAL	3,327 SF

NOTE:
EXTERIOR WINDOWS AND GLASS DOORS SHALL BE TESTED BY
AN APPROVED INDEPENDENT TESTING LABORATORY, AND BEAR
AN AAMA OR WDMA OR OTHER APPROVED LABEL IDENTIFYING THE
MANUFACTURER, PERFORMANCE CHARACTERISTICS AND
APPROVED PRODUCT EVALUATION ENTITY TO INDICATE COMPLIANCE
WITH THE REQUIREMENTS OF THE FOLLOWING SPECIFICATION:

ANSI/AAMA/NWWDA 101/IS2 2/97

THE CONSTRUCTION SHALL BE TESTED IN ACCORDANCE WITH ASTM E 330, STANDARD TEST METHODS FOR STRUCTURAL PERFORMANCE OF EXTERIOR WINDOWS, CURTAIN WALLS, AND DOORS BY UNIFORM STATIC AIR PRESSURE.

PRODUCT CODE	SIZE	COUNT
60X80 LH ENTRY - 2 SL w/ TRANSOM	5'-0"	1
36X80 COLONIAL 20 MIN.	3'-0"	1
36X80 15-LITE	3'-0"	1
192X84 - GARAGE	16'-0"	1
24X80 BIFOLD COLONIAL	2'-0"	1
36X80 BIFOLD COLONIAL	3'-0"	1
48X80 BIFOLD COLONIAL	4'-0"	2
60X80 BIFOLD COLONIAL	5'-0"	2
30X80 SAFETY GLASS SHOWER	2'-6"	1
2668 COLONIAL INTERIOR	2'-6"	6
2868 COLONIAL INTERIOR	2'-8"	4
48X12 CASEMENT	4'-0" x 1'-0"	1
(2) SH 3050	6'-0" x 5'-0"	1
SH 2050	2'-0" x 5'-0"	2
SH 3050	3'-0" x 5'-0"	4
SH 3060	3'-0" x 6'-0"	6
SH 4060 (TEMPERED BOT. SASH)	4'-0" x 6'-0"	2

NOTE:
THE MINIMUM NATURAL VENTILATION AREA REQUIRED FOR
GARAGES SHALL BE 4 PERCENT OF THE FLOOR AREA BEING
VENTILATED. THE MINIMUM MECHANICAL VENTILATION
FOR GARAGES SHALL BE 100 CFM PER CAR.

NOTE:
EACH VERTICAL DRYER VENT RISER SHALL BE PROVIDED WITH
A CLEANOUT. DRYER EXHAUSTS SHALL TERMINATE ON THE
OUTSIDE OF THE BUILDING AND SHALL BE EQUIPPED WITH A
BACHDRAFT DAMPER WITHOUT SCREENS.

NOTE:
BATHROOM EXHAUST SHALL BE DIRECTED TO OUTSIDE OF BUILDING.
EXHAUST AIR SHALL NOT BE DIRECTED ONTO WALKWAYS. AIR
EXHAUST OPENINGS SHALL BE PROTECTED WITH CORROSION-RESISTANT
SCREENS, LOUVERS OR GRILLS IF TERMINATING OUT DOORS.

NOTE:
APPLIANCES LOCATED IN PRIVATE GARAGES SHALL
BE INSTALLED WITH A MINIMUM CLEARANCE OF 6 FEET
ABOVE THE FLOOR EXCEPT WHERE THE APPLIANCE
IS PROTECTED FROM MOTOR VEHICLE IMPACT. EQUIPMENT
AND APPLIANCES HAVING AN IGNITION SOURCE SHALL BE
ELEVATED SUCH THAT THE SOURCE OF IGNITION IS NOT LESS
THAN 18" ABOVE THE FLOOR.

**KNEPPAR
RESIDENCE**

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	APPROVED

W.H.F.

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SHEET A.1

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08.R00



FRONT ELEVATION

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

NOTE: VENTILATE ROOF TO 1/300TH THE INSULATED ATTIC.
(3,233.5 SF / 300 = 10.78 SF * 144 SQ. IN./SF = 1,552.32 SQ. IN.)

NOTE:
THE RIDGE HEIGHT IS GIVEN FOR MEAN ROOF
HEIGHT DETERMINATION ONLY. DO NOT USE
THIS DIMENSION FOR ROOF CONSTRUCTION.

CONSTRUCTION DOCUMENTS:

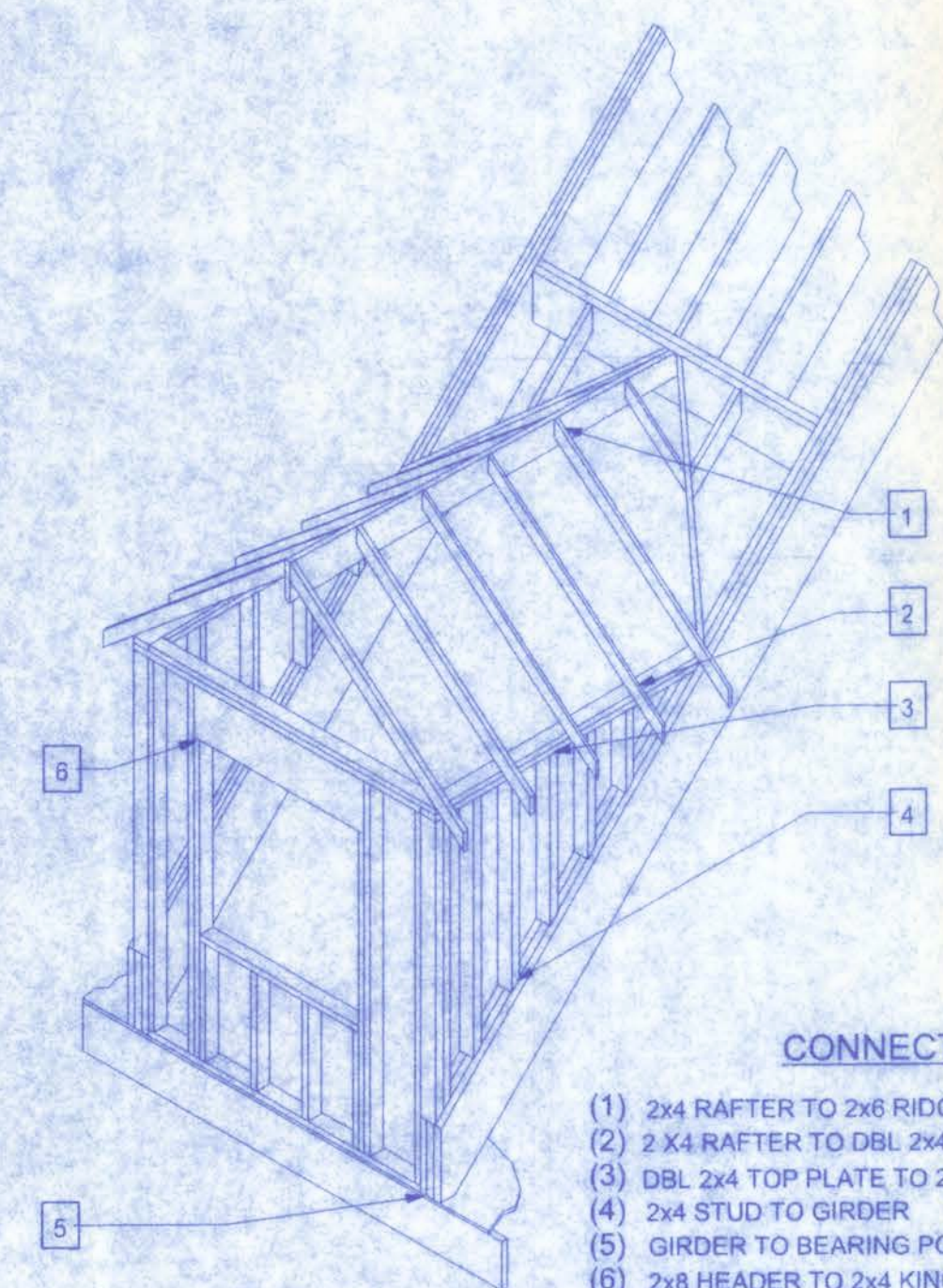
THE CUSTOMER IS RESPONSIBLE FOR DELIVERING THE REQUIRED SETS OF CONSTRUCTION DOCUMENTS TO THE PERMIT ISSUING AUTHORITY FOR THE ISSUANCE OF CONSTRUCTION PERMITS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR REVIEWING THE PLANS AND VERIFYING ALL EXISTING CONDITIONS, ELEVATIONS, AND DIMENSIONS PRIOR TO COMMENCING CONSTRUCTION INCLUDING FABRICATION. ALL DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT/ENGINEER FOR RESOLUTION.

DO NOT SCALE THESE PLANS:

AMPLE DIMENSIONS ARE SHOWN ON THE PLANS TO LOCATE ALL ITEMS. SIMPLE ARITHMETIC MAY BE USED TO DETERMINE THE LOCATION OF THOSE ITEMS NOT DIMENSIONED.

CHANGES TO PLAN SETS:

PLEASE DO NOT MAKE ANY STRUCTURAL CHANGES TO THESE PLANS WITHOUT CONSULTING WITH THE ARCHITECT/ENGINEER. THE OWNER SHALL ASSUME ALL LIABILITY FOR STRUCTURAL DAMAGE RESULTING FROM CHANGES MADE TO THE PLANS OR BY SUBSTITUTION OF MATERIALS DIFFERENT FROM SPECIFICATIONS ON THE PLANS.



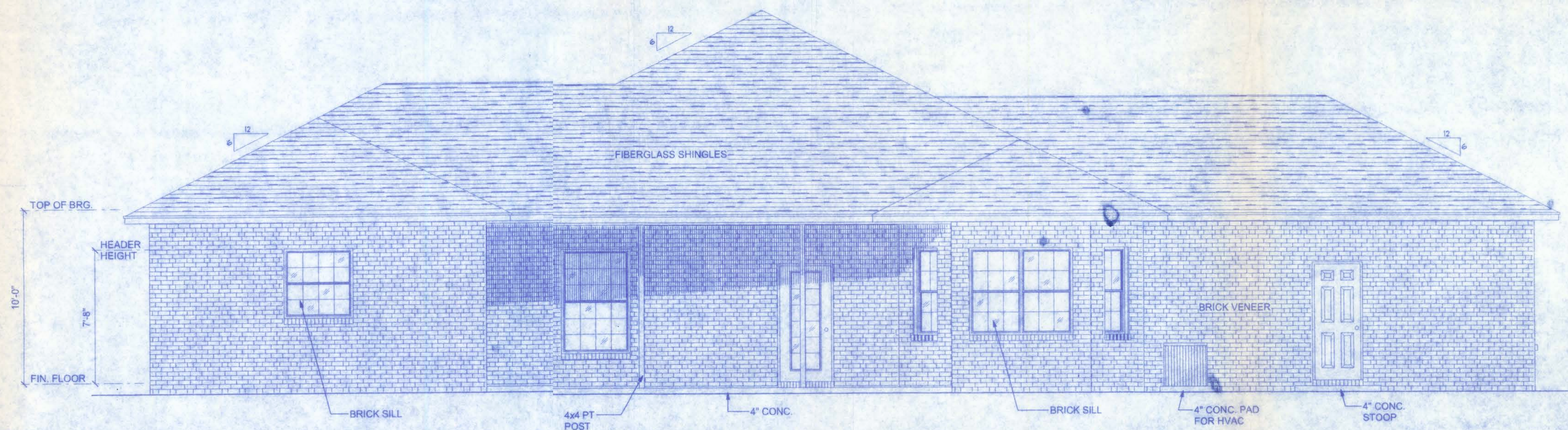
CONNECTOR SCHEDULE

- | | |
|-------------------------------------|------------------------------|
| (1) 2x4 RAFTER TO 2x6 RIDGE | 2-16d toe nails to each face |
| (2) 2x4 RAFTER TO DBL 2x4 TOP PLATE | 2-16d toe nails to each face |
| (3) DBL 2x4 TOP PLATE TO 2x4 STUD | Simpson SP2 @ 48" o.c. |
| (4) 2x4 STUD TO GIRDER | Simpson LSTA12 @ 48" o.c. |
| (5) GIRDER TO BEARING POINT | (2) Simpson MTS30 |
| (6) 2x8 HEADER TO 2x4 KING STUD | Simpson LSTA12 @ each end |

DORMER FRAMING

NTS

NOTE: ALL FRAMING MEMBERS TO BE #2 GRADE OR BTR.



REAR ELEVATION

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

GENERAL NOTES:

1. THE CONTRACTOR SHALL INDEMNIFY THE OWNER AGAINST ALL CLAIMS, WHETHER FROM PERSONAL INJURY OR PROPERTY DAMAGE, ARISING FROM EVENTS ASSOCIATED WITH THE WORK PERFORMED UNDER THE CONTRACT FOR THIS PROJECT.
2. THE CONTRACTOR AND/OR SUB-CONTRACTORS SHALL WARRANT ALL WORK FOR A PERIOD OF ONE YEAR FOLLOWING THE WORK DATE OF FINAL COMPLETION AND ACCEPTANCE BY THE OWNER. DEFECTS IN MATERIALS, EQUIPMENT, COMPONENTS AND WORKMANSHIP SHALL BE CORRECTED AT NO FURTHER COST TO THE OWNER DURING THE ONE YEAR WARRANTY PERIOD.
3. AT THE OWNER'S OPTION, A WARRANTY INSPECTION SHALL BE PERFORMED DURING THE ELEVENTH MONTH FOLLOWING THE COMMENCEMENT OF THE WARRANTY PERIOD, FOR THE PURPOSE OF DETERMINING ANY WARRANTY WORK THAT MAY BE REQUIRED. THE CONTRACTOR SHALL BE PRESENT DURING THIS INSPECTION IF REQUESTED BY THE OWNER.
4. THE CONTRACTOR SHALL PAY FOR ALL PERMITS, LICENSES, TESTS AND THE LIKE THAT MAY BE REQUIRED BY THE VARIOUS AUTHORITIES HAVING JURISDICTION OVER THIS PROJECT BE THEY CITY, COUNTY, STATE OR FEDERAL.
5. THE OWNER SHALL FILE A "NOTICE OF COMMENCEMENT" PRIOR TO THE BEGINNING OF THE PROJECT AND THE CONTRACTOR(S) SHALL FILE "NOTICE TO OWNER" AND PROVIDE "RELEASE OF LIEN" FOR ALL PAYMENT REQUESTS PRIOR TO DISBURSEMENT OF ANY FUNDS.
6. ANY AND ALL DISPUTES ARISING FROM EVENTS ASSOCIATED WITH THE CONSTRUCTION OF THIS PROJECT BETWEEN THE OWNER, CONTRACTOR(S) AND SUPPLIERS SHALL BE RESOLVED THROUGH BINDING ARBITRATION.
7. ALL WORK SHALL BE IN ACCORDANCE WITH APPLICABLE CODES AND LOCAL REGULATIONS, INCLUDING APPLICABLE ENERGY CODES. ALL COMPONENTS OF THE BUILDING SHALL MEET WITH THE MINIMUM ENERGY REQUIREMENTS OF THE BUILDING CODE. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT IN WRITING PRIOR TO THE COMMENCEMENT OF THE WORK.
8. ALL INSULATION SHALL BE LEFT EXPOSED AND ALL LABELS LEFT INTACT ON THE WINDOWS AND DOORS UNTIL INSPECTED BY THE BUILDING OFFICIAL.
9. ALL WOOD IN CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED.



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DATE	DRAWN BY
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	APPROVED
	W.H.F.
REVISIONS	
SHEET	A-2
OF	8
PROJECT NO.	
08001	

KNEPPAR
RESIDENCE

Walter H. Knepp
4/10/08
P.E. # 56001



 J. T. D.

 No. 44123

 P.E. #56015

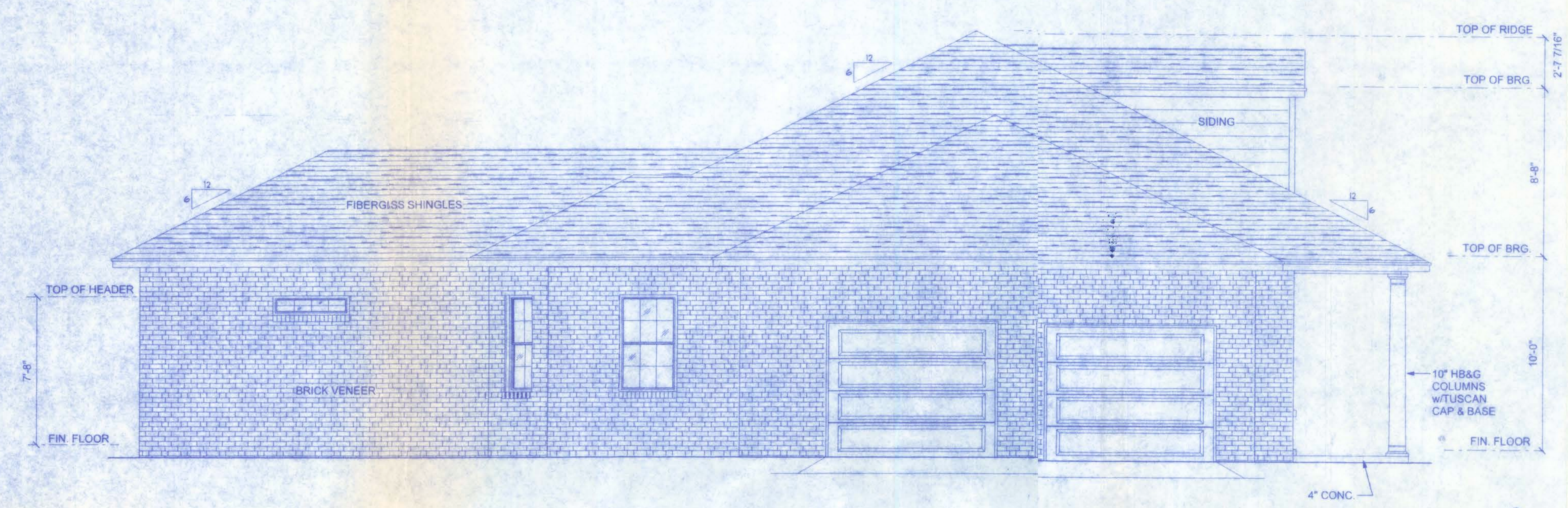
KNEPPAR RESIDENCE

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 CERTIFICATE OF AUTHORIZATION # 00008701

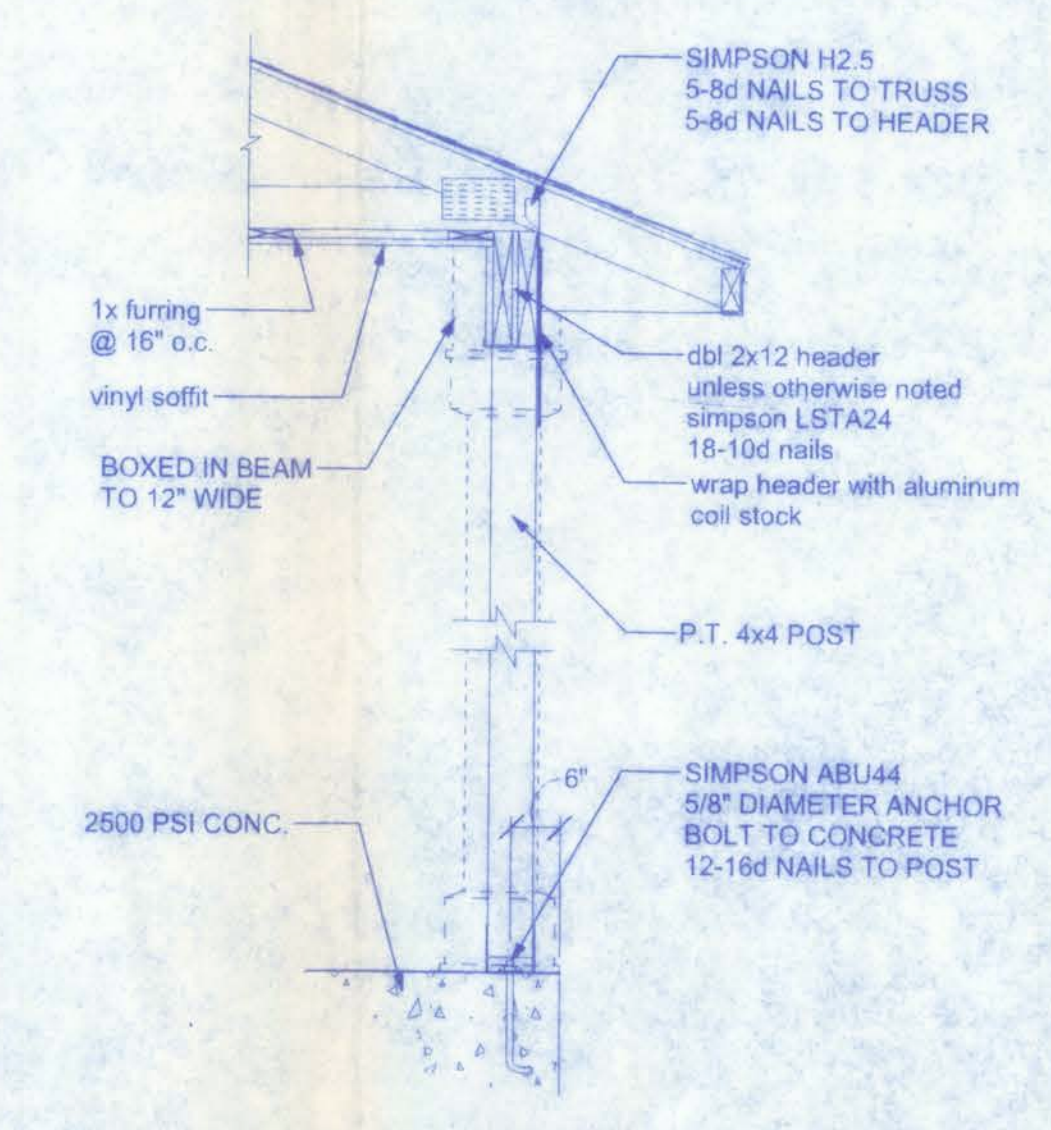


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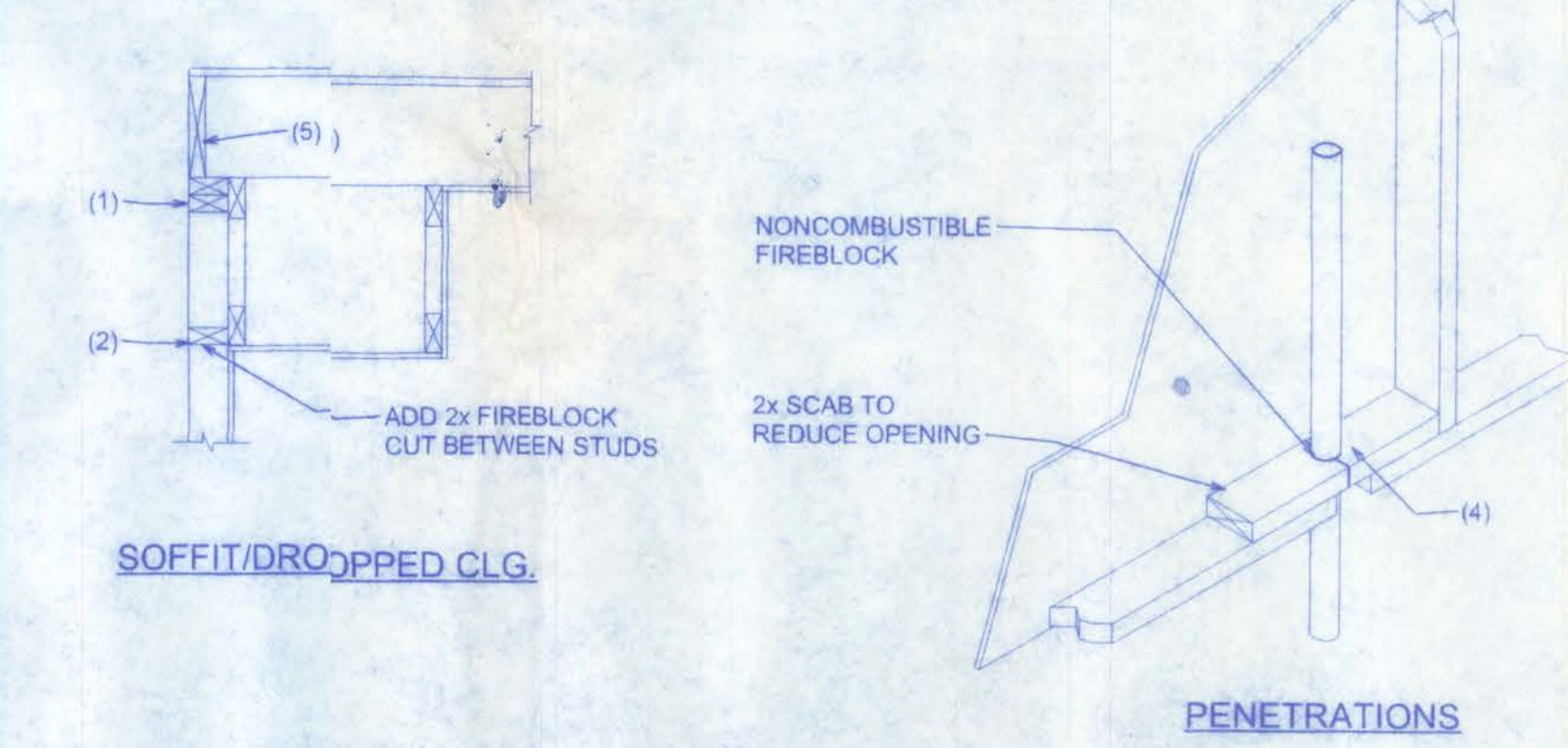
DATE	3/11/08	DRAWN BY	J.T.D.
APPROVED	W.H.F.		
REVISIONS			
SHEET	4-3		
OF	8		
PROJECT NO.	08.F001		



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

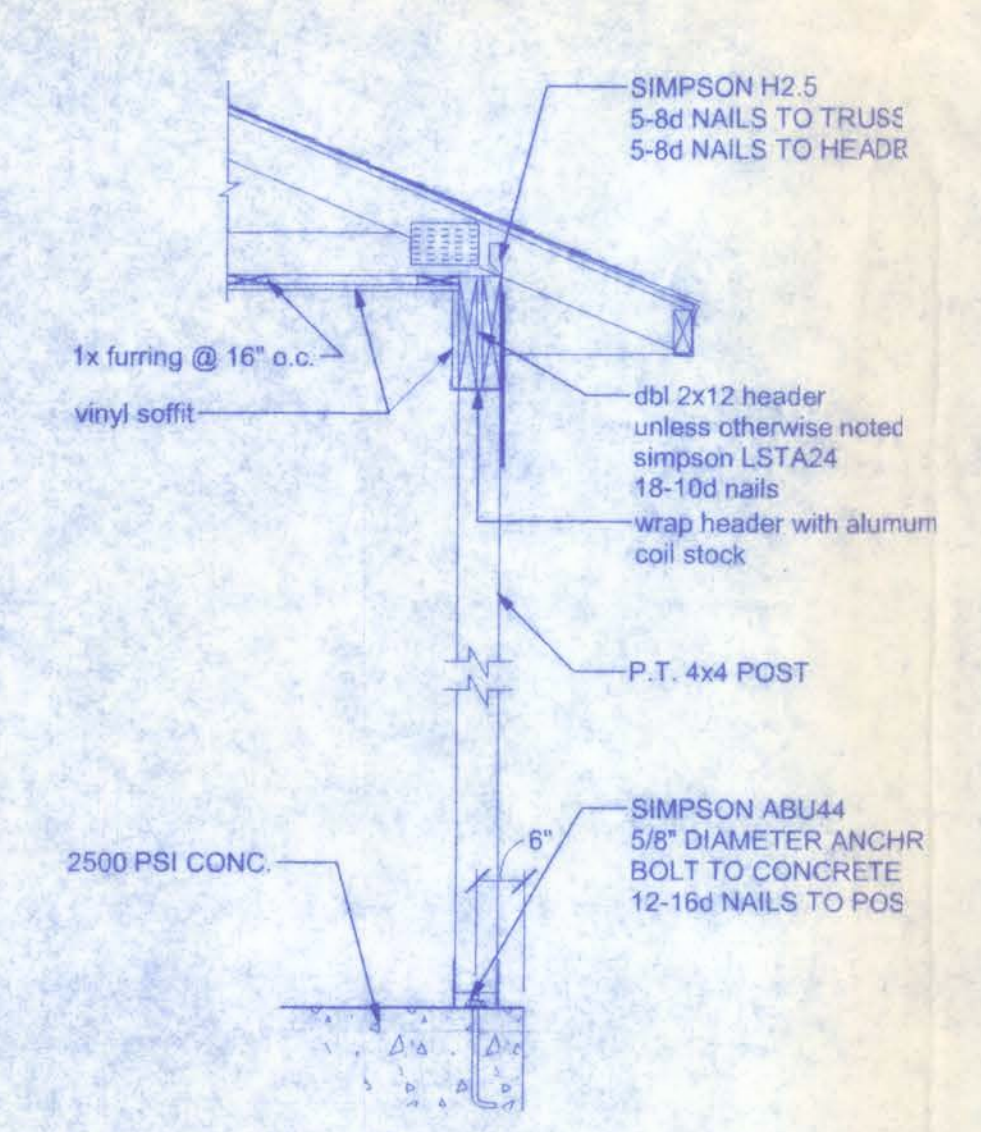


FRONT PORCH SECTION
 SCALE: 3/4" = 1'-0"

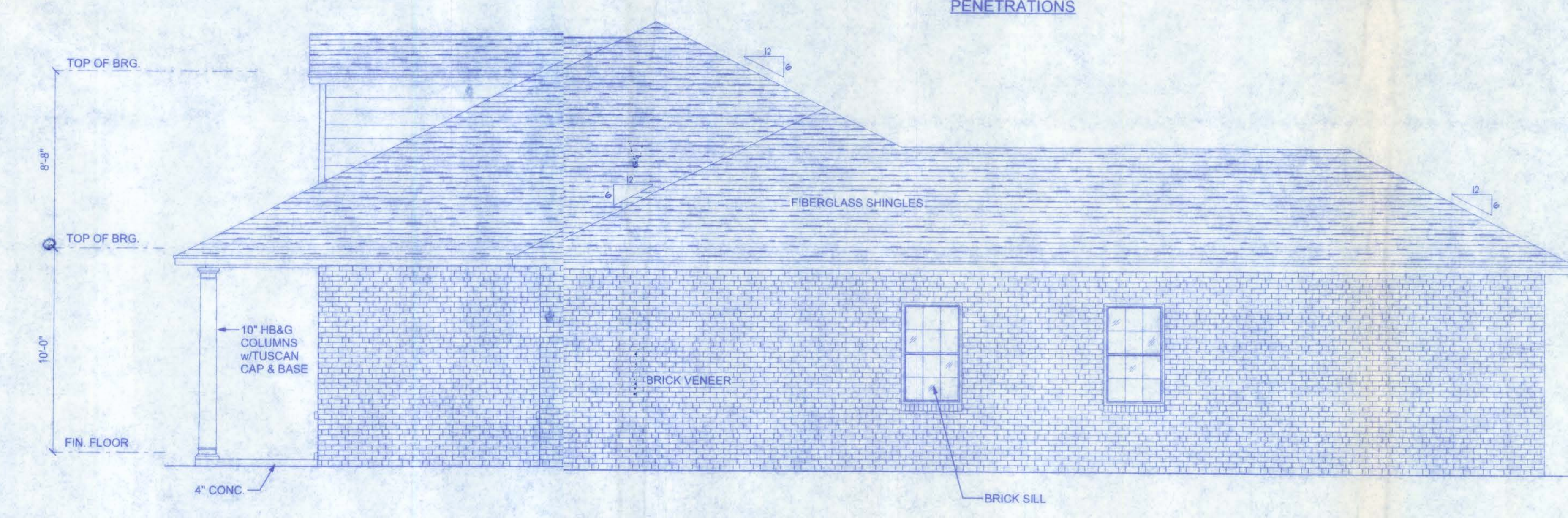


FIREBLOCKING NOTES:

- FIREBLOCKING SHALL BE INSTALLED IN WOOD FRAME CONSTRUCTION IN THE FOLLOWING LOCATIONS:
1. IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS INCLUDING FURRED SPACES AT CEILING AND FLOOR LEVELS.
 2. AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILINGS, COVE CEILINGS, ETC.
 3. IN CONCEALED SPACES BETWEEN STAIR STRINGERS AT THE TOP AND BOTTOM OF THE RUN.
 4. AT OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS AND FIREPLACES AT CEILING AND FLOOR LEVELS WITH PYROPANEL MULTIFLEX SEALANT.
 5. AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL STUD WALL OR PARTITION SPACES AND CONCEALED SPACES CREATED BY AN ASSEMBLY OF FLOOR JOISTS, FIREBLOCKING SHALL BE PROVIDED FOR THE FULL DEPTH OF THE JOISTS AT THE ENDS AND OVER THE SUPPORTS.



REAR PORCH SECTION
 SCALE: 3/4" = 1'-0"



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

FOUNDATION NOTES:

CONCRETE SHALL HAVE A MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS.

GALVANIZATION:
METAL ACCESSORIES FOR USE IN EXTERIOR WALL CONSTRUCTION AND NOT DIRECTLY EXPOSED TO THE WEATHER SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A 153, CLASS B-2. METAL PLATE CONNECTORS, SCREWS, BOLTS, AND NAILS EXPOSED DIRECTLY TO THE WEATHER SHALL BE STAINLESS STEEL OR HOT DIPPED GALVANIZED.

REINFORCING STEEL:
THE REINFORCING STEEL SHALL BE MINIMUM GRADE 60.

REINFORCEMENT MAY BE BENT IN THE SHOP OR THE FIELD PROVIDE:

1. ALL REINFORCEMENT IS BENT COLD.
2. THE DIAMETER OF THE BEND, MEASURED ON THE INSIDE OF THE BEND, IS NOT LESS THAN SIX-BAR DIAMETERS AND
3. REINFORCEMENT PARTIALLY EMBEDDED IN CONCRETE SHALL NOT BE FIELD BENT.

EXCEPTION: WHERE BENDING IS NECESSARY TO ALIGN DOWEL BARS WITH A VERTICAL CELL, BARS PARTIALLY EMBEDDED IN CONCRETE SHALL BE PERMITTED TO BE BENT AT A SLOPE OF NOT MORE THAN 1 INCH HORIZONTAL DISPLACEMENT TO 6 INCHES OF VERTICAL BAR LENGTH.

COVER OVER REINFORCING STEEL
FOR FOUNDATIONS, MINIMUM CONCRETE COVER OVER REINFORCING BARS SHALL BE:
3 INCHES IN FOUNDATIONS WHERE THE CONCRETE IS CAST AGAINST EARTH OR WEATHER AND 1 1/2 INCHES ELSEWHERE. REINFORCING BARS EMBEDDED IN GROUTED CELLS SHALL HAVE A MINIMUM CLEAR DISTANCE OF 4 INCH FOR FINE GROUT OR 1/2 INCH FOR COARSE GROUT BETWEEN REINFORCING BARS AND ANY FACE OF A CELL. REINFORCING BARS USED IN MASONRY WALLS SHALL HAVE A MASONRY COVER (INCLUDING GROUT) OF NOT LESS THAN 2 INCHES FOR MASONRY UNITS WITH FACE EXPOSED TO EARTH OR WEATHER. 1 1/2 INCHES FOR MASONRY UNITS NOT EXPOSED TO EARTH OR WEATHER.

SLAB REQUIREMENTS

JOINTS ARE NOT REQUIRED IN UNREINFORCED PLAIN CONCRETE SLABS ON GROUND OR IN SLABS FOR ONE AND TWO FAMILY DWELLINGS COMPLYING WITH ONE OF THE FOLLOWING:

1. CONCRETE SLABS ON GROUND CONTAINING SYNTHETIC FIBER REINFORCEMENT. FIBER LENGTHS SHALL BE 1/2 INCH TO 3/4 INCHES IN LENGTH. DOSAGE AMOUNTS SHALL BE FROM 0.75 TO 1.5 POUNDS PER CUBIC YARD IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. SYNTHETIC FIBERS SHALL COMPLY WITH ASTM C 1116. THE MANUFACTURER OR SUPPLIER SHALL PROVIDE CERTIFICATION OF COMPLIANCE WHEN REQUESTED BY THE BUILDING OFFICIAL. OR
2. CONCRETE SLABS ON GROUND CONTAINING 6x6 W14 x W14 WELDED WIRE REINFORCEMENT FABRIC LOCATED IN THE MIDDLE TO THE UPPER 1/3 OF THE SLAB. WELDED WIRE REINFORCEMENT FABRIC SHALL BE SUPPORTED WITH APPROVED MATERIAL OR SUPPORTS AT SPACING NOT TO EXCEED 3 FT OR IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATION. WELDED PLAIN WIRE REINFORCEMENT FABRIC FOR CONCRETE SHALL CONFORM TO ASTM A 185, STANDARD SPECIFICATION FOR STEEL WELDED WIRE REINFORCEMENT FABRIC, PLAIN, FOR CONCRETE REINFORCEMENT.

PLUMBING CONTRACTOR TO VERIFY LOCATION OF TUB DRAIN

4" RECESS FOR SHOWER

2" JACOZZI TUB

2" JACOZZI TUB

2" JACOZZI TUB

2" JACOZZI TUB

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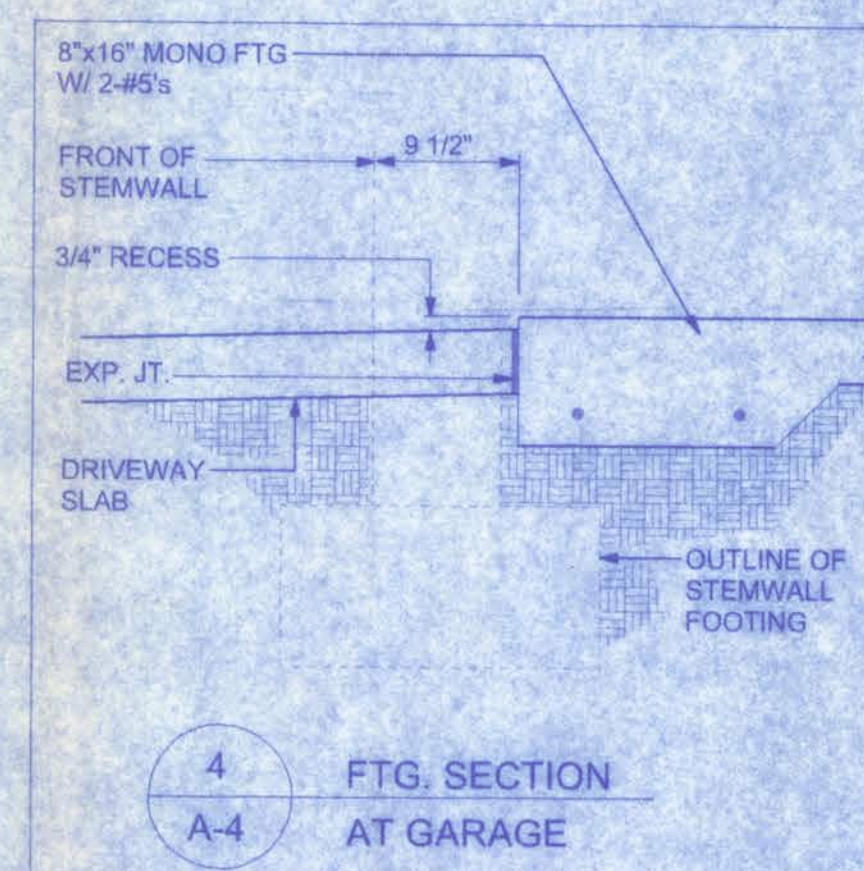
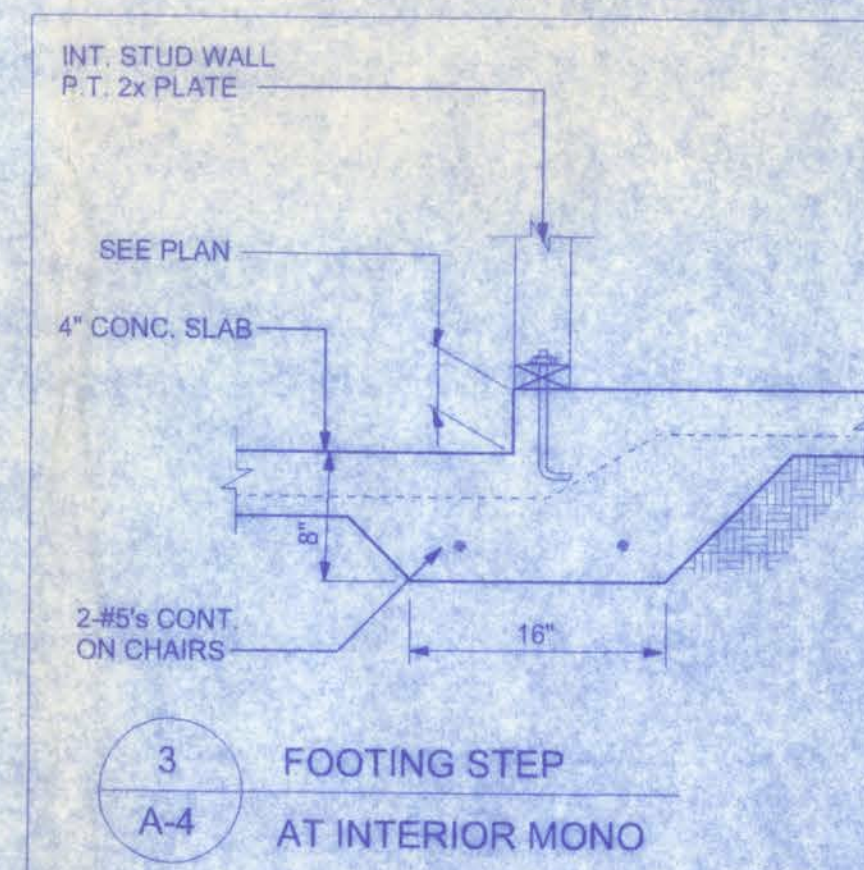
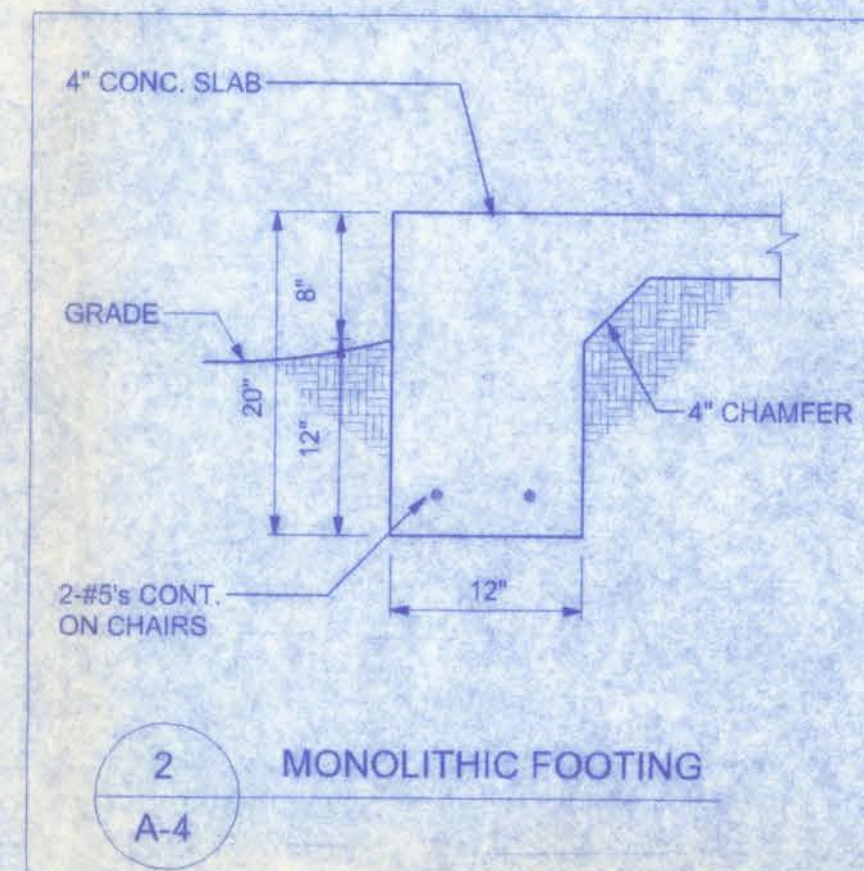
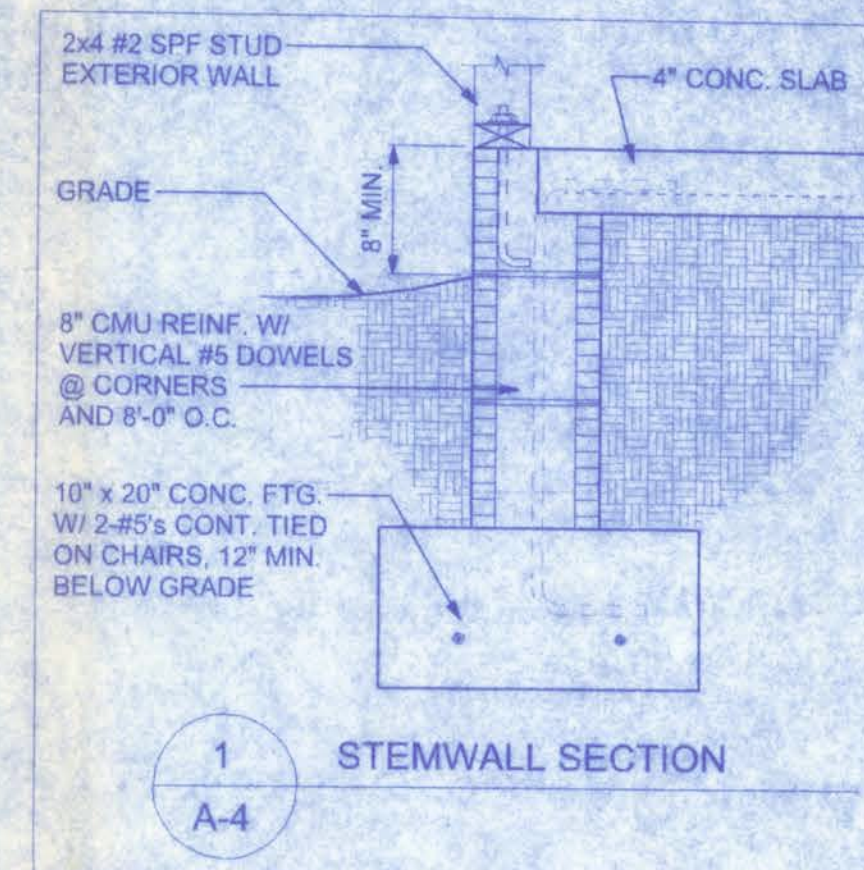
2" JACOZZI TUB

2" JACOZZI TUB

BEARING CAPACITY:
THESE FOOTINGS ARE DESIGNED FOR SOIL WITH AN ALLOWABLE BEARING CAPACITY OF 1,000 PSF. THE FOOTINGS SHALL REST ON UNDISTURBED OR COMPACTED SOIL OF UNIFORM DENSITY AND THICKNESS. AT THE OWNER'S REQUEST, COMPACTED SOILS SHALL BE TESTED TO A MINIMUM OF 95% OF MODIFIED PROCTOR AND COMPACTED IN LIFTS NOT TO EXCEED 12 INCHES.

FOUNDATION PLAN

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



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Freeman
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DATE

3/11/08

DRAWN BY

J.T.D.

APPROVED

V.H.F.

REVISIONS

SHEET

A-4

OF

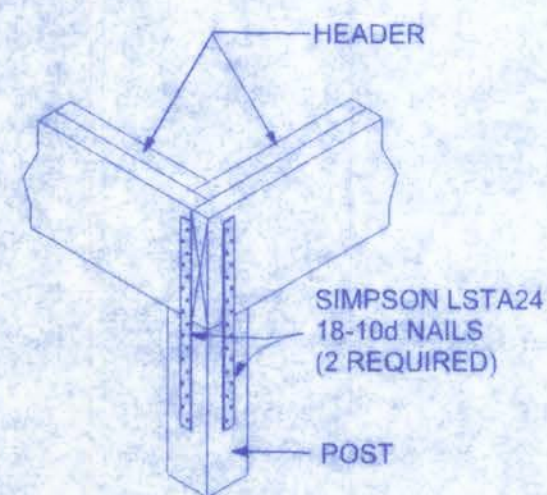
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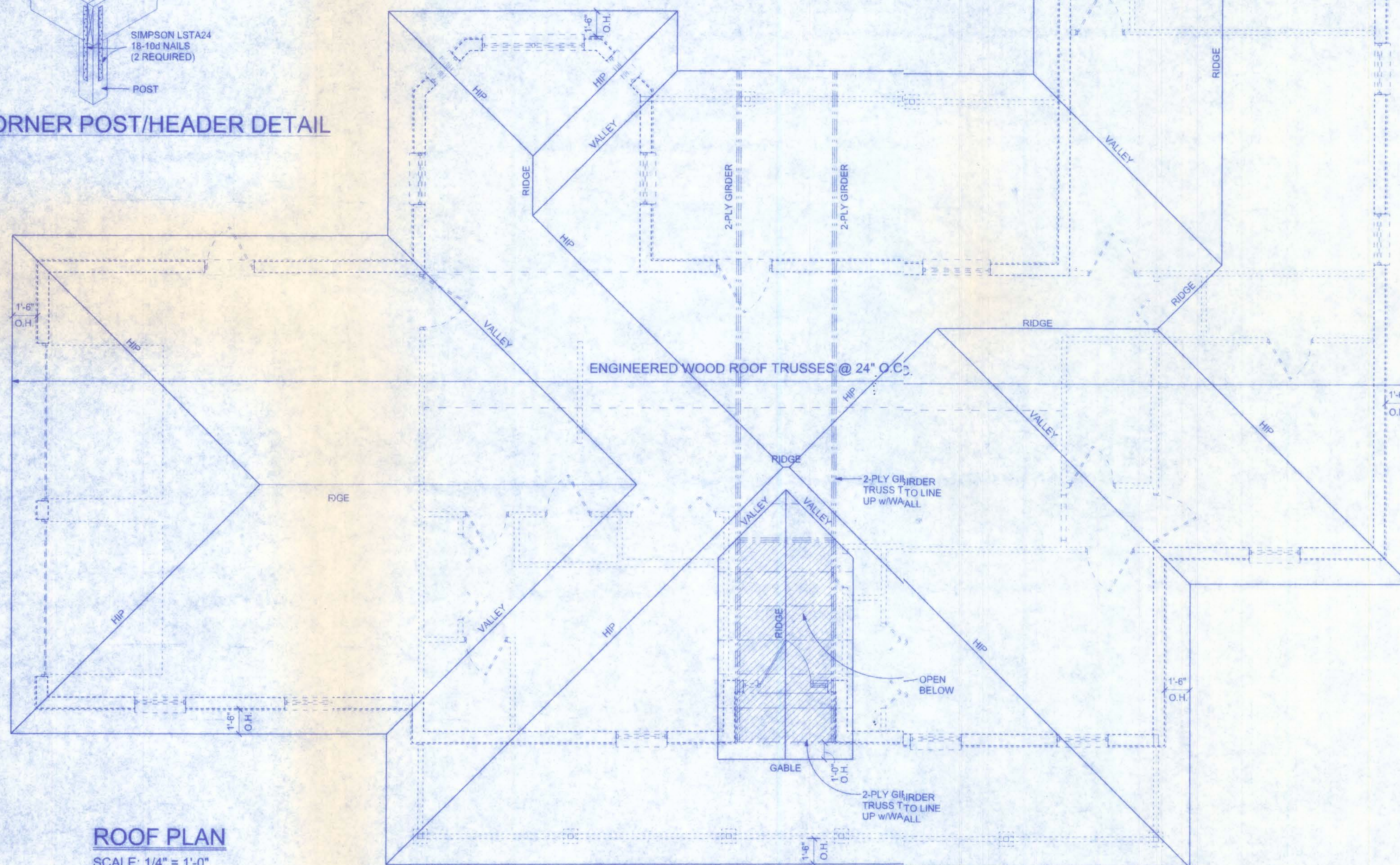
08.R001

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CONNECTOR SCHEDULE FOR TRUSS ANCHORAGE				
CONNECTOR	1 PLY-TRUSS	2 PLY-TRUSS	EMBEDMENT	UPLIFT PROVIDED
HETA20	10-10d NAILS		4"	1,280 LBS
HETA20		11-16d NAILS	4"	1,890 LBS
GIRDER TRUSS		T BEAM		
MGT	22-10d NAILS		1-5/8"x10" ANCHOR BOLT	3,965 LBS
LGT2	16-16d SINKER		7- 1/4" 2 1/4" TITEN	2,150 LBS
				SIMPSON

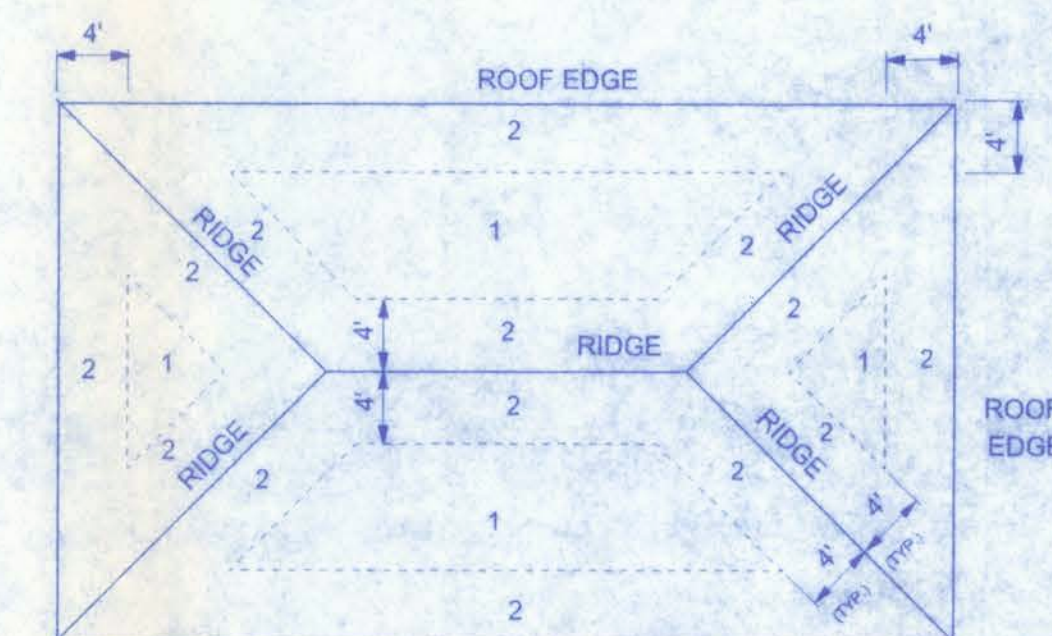


CORNER POST/HEADER DETAIL
NTS

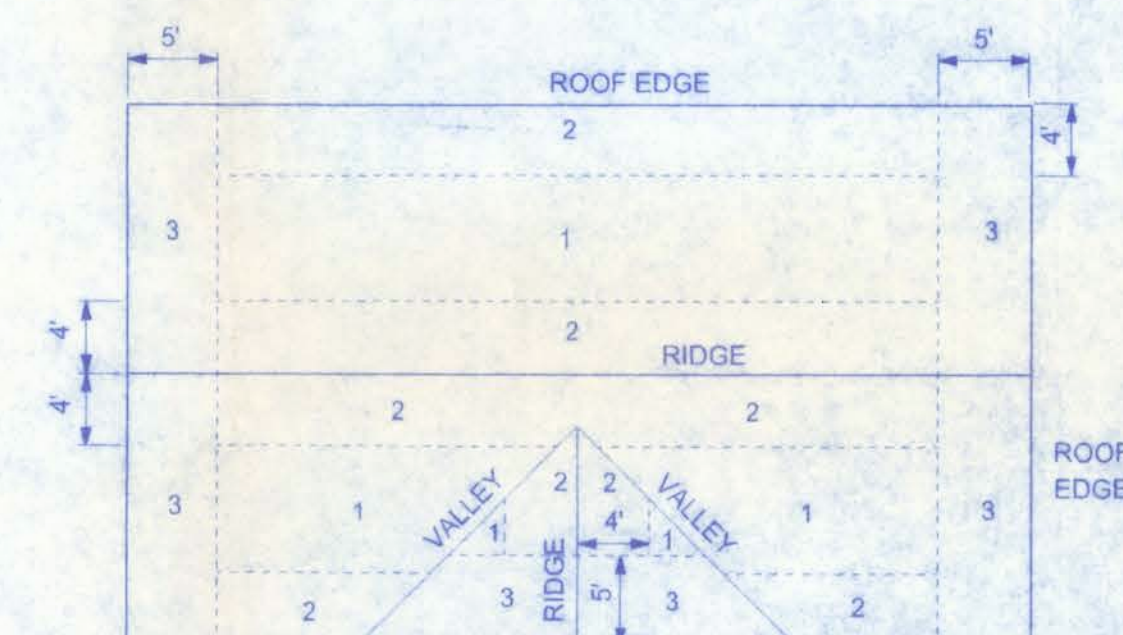


ROOF PLAN
SCALE: 1/4" = 1'-0"

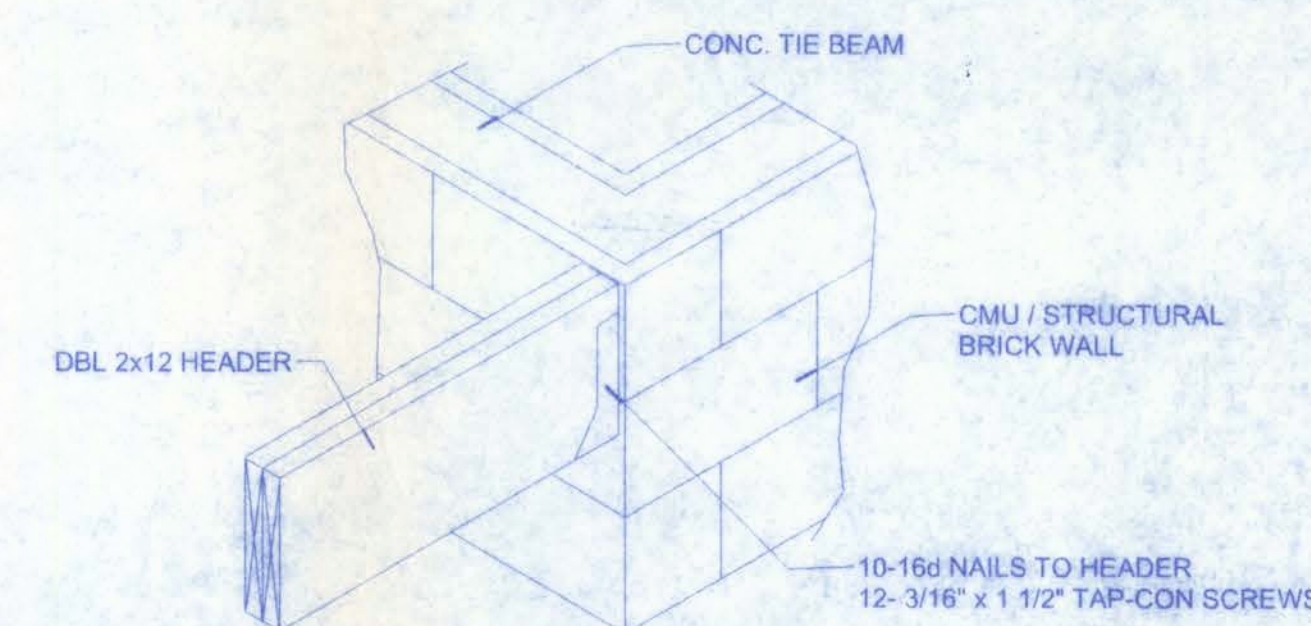
NAILING ZONE	SHEATHING TYPE	FASTENER	SPACING
1	1/2" C.D.X.	8d COMMON OR 8d HOT DIPPED GALVANIZED BOX NAILS	6 in. o.c. EDGE 12 in. o.c. FIELD
2			6 in. o.c. EDGE 6 in. o.c. FIELD
3			4 in. o.c. @ GABLE ENDWALL OR GABLE TRUSS 6 in. o.c. EDGE 6 in. o.c. FIELD



ROOF SHEATHING NAILING ZONES
(HIP ROOF)



ROOF SHEATHING NAILING ZONES
(GABLE ROOF)

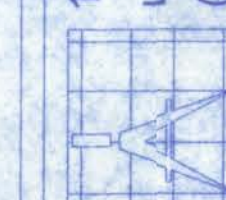


SIMPSON HUC412
PORCH HEADER TO BLOCK WALL

KNEPPAR
RESIDENCE

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CERTIFICATE OF AUTHORIZATION # 00008701



Freeman
Design Group

DATE
3/11/08

DRAWN BY
J.T.D.

APPROVED
W.H.F.

REVISIONS

SHEET
A-5

OF
8

PROJECT NO.

08.R001

ELECTRICAL PLAN NOTES

WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT PER MANUF. SPECIFICATIONS.

CONSULT THE OWNER FOR THE NUMBER OF SEPARATE TELEPHONE LINES TO BE INSTALLED.

INSTALLATION SHALL BE PER NAT'L. ELECTRIC CODE.

ALL SMOKE DETECTORS SHALL BE 120V W/ BATTERY BACKUP OF THE PHOTOELECTRIC TYPE, AND SHALL BE INTERLOCKED TOGETHER. INSTALL INSIDE AND NEAR ALL BEDROOMS.

TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE DEVICES OR OUTLETS SHALL BE AS PER THE OWNER'S DIRECTIONS, & IN ACCORDANCE W/ APPLICABLE SECTIONS OF NEC-LATEST EDITION.

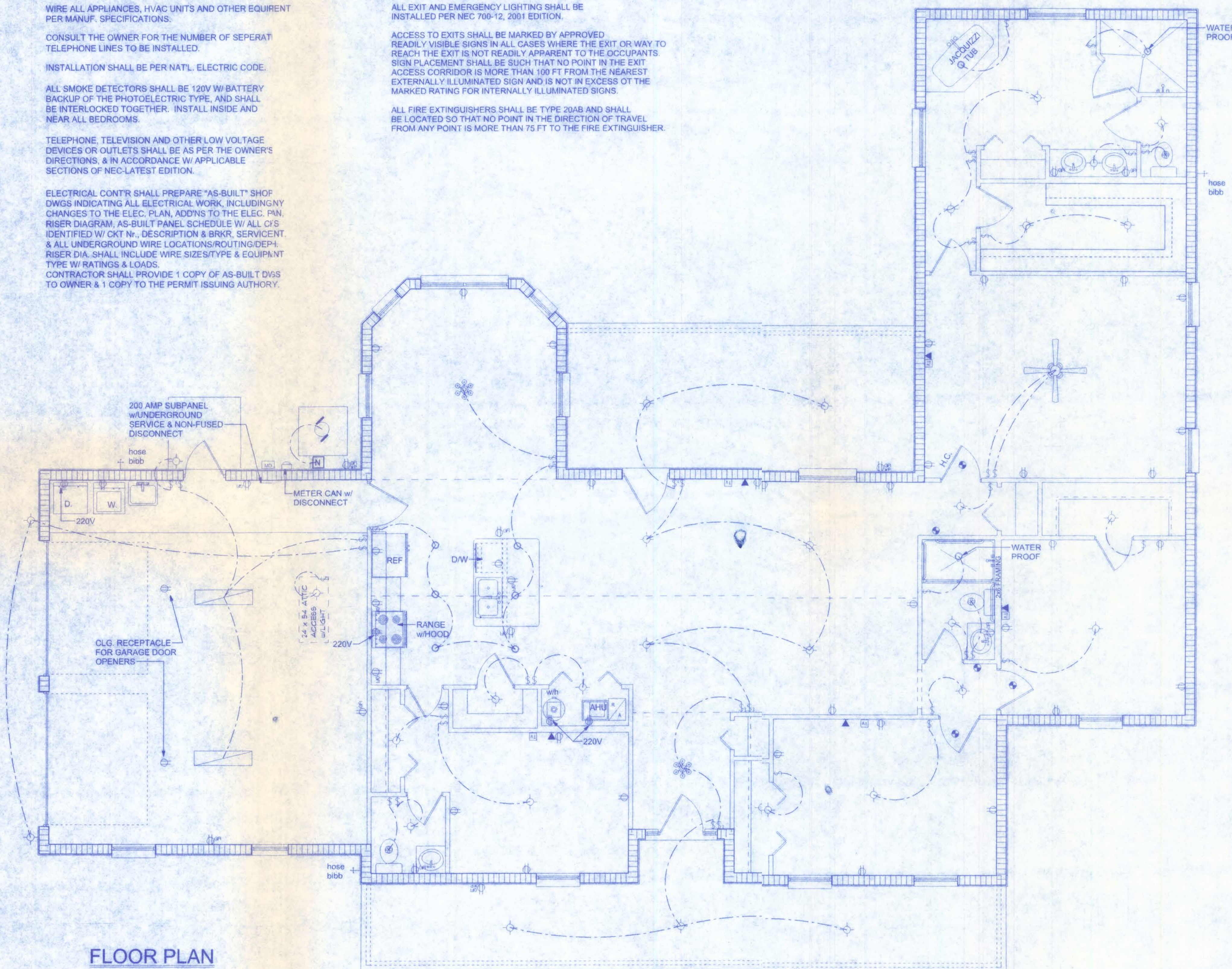
ELECTRICAL CONTR. SHALL PREPARE "AS-BUILT" SHOP DWGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY CHANGES TO THE ELEC. PLAN, ADD'NS TO THE ELEC. PAN. RISER DIAGRAM, AS-BUILT PANEL SCHEDULE W/ ALL CTS IDENTIFIED W/ CKT N., DESCRIPTION & BRKR. SERVICE, & ALL UNDERGROUND WIRE LOCATIONS/ROUTING/DEPTH. RISER DIA. SHALL INCLUDE WIRE SIZES/TYPES & EQUIPMENT TYPE W/ RATINGS & LOADS. CONTRACTOR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.

LIFE SAFETY NOTES

ALL EXIT AND EMERGENCY LIGHTING SHALL BE INSTALLED PER NEC 700-12, 2001 EDITION.

ACCESS TO EXITS SHALL BE MARKED BY APPROVED READILY VISIBLE SIGNS IN ALL CASES WHERE THE EXIT OR WAY TO REACH THE EXIT IS NOT READILY APPARENT TO THE OCCUPANTS. SIGN PLACEMENT SHALL BE SUCH THAT NO POINT IN THE EXIT ACCESS CORRIDOR IS MORE THAN 100 FT FROM THE NEAREST EXTERNALLY ILLUMINATED SIGN AND IS NOT IN EXCESS OF THE MARKED RATING FOR INTERNALLY ILLUMINATED SIGNS.

ALL FIRE EXTINGUISHERS SHALL BE TYPE 20AB AND SHALL BE LOCATED SO THAT NO POINT IN THE DIRECTION OF TRAVEL FROM ANY POINT IS MORE THAN 75 FT TO THE FIRE EXTINGUISHER.



FLOOR PLAN

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

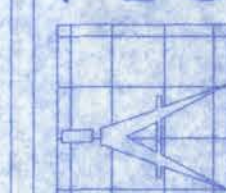
ELECTRICAL	SYMBOL
chandelier	
fluorescent fixture	
pot light	
HVAC motor	
Mdp	
Meter can	
electrical panel	
non-fused disconnect	
50 cfm exhaust fan	
GFI receptacle	
LAN connection	
cable tv outlet	
light	
outlet	
outlet 220v	
outlet gfi	
smoke detector	
switch	
switch 3 way	
weather proof GFI	

NOTE:

ALL BRANCH CIRCUITS THAT SUPPLY 125-VOLT, SINGLE PHASE, 15 AND 20 AMP OUTLETS INSTALLED IN DWELLING UNIT BEDROOMS SHALL BE PROTECTED BY AN ARC FAULT CIRCUIT INTERRUPTER LISTED TO PROVIDE PROTECTION OF THE ENTIRE BRANCH CIRCUIT.

KNEPPAR
RESIDENCE

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Design Group

CERTIFICATE OF AUTHORIZATION # 00008701

DATE 3/11/08 DRAWN BY J.T.D.

APPROVED W.H.F.

REVISIONS

SHEET A-6

OF 8

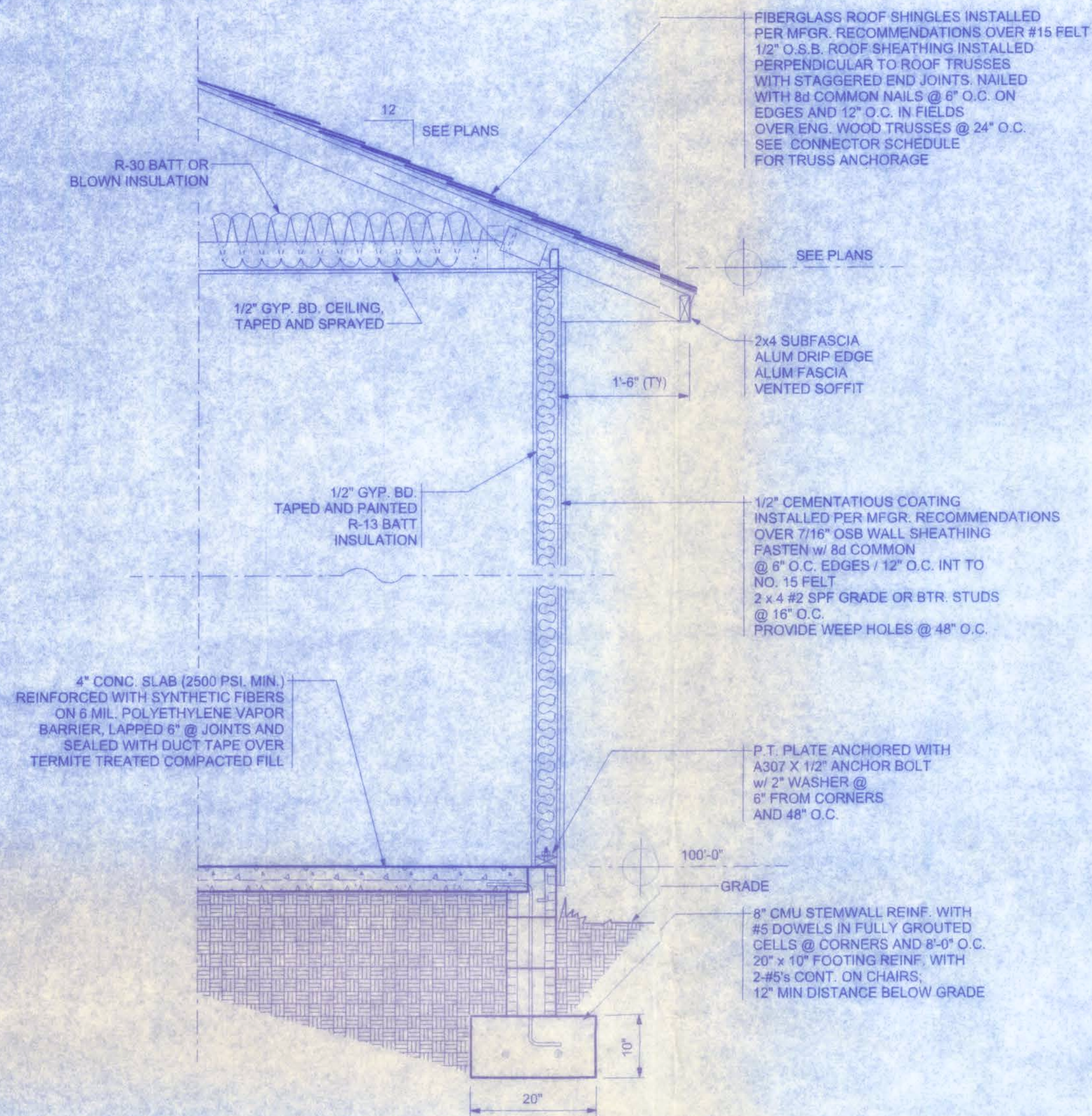
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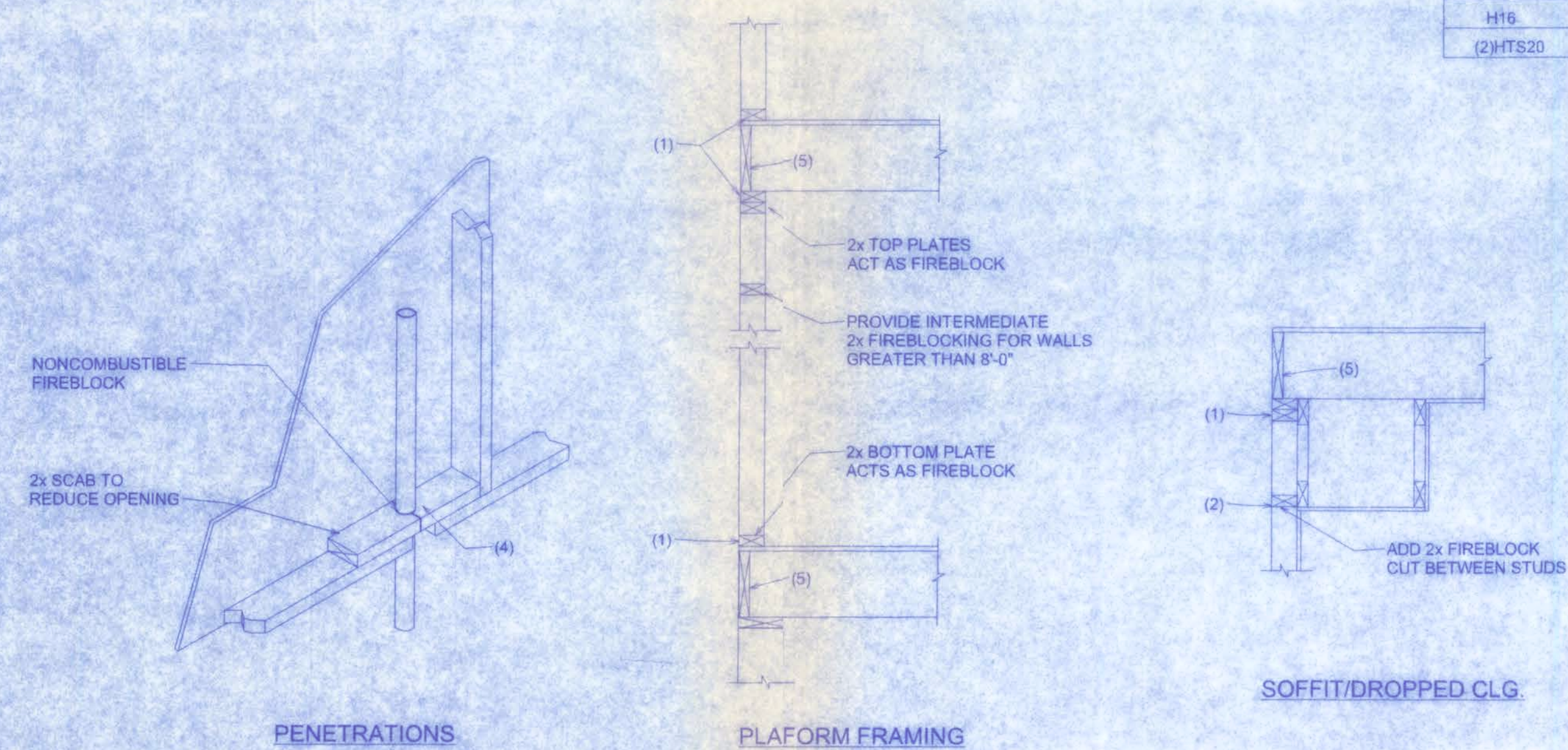
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Design Group^{inc}

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TYPICAL WALL SECTION

3/4" = 1'-0"

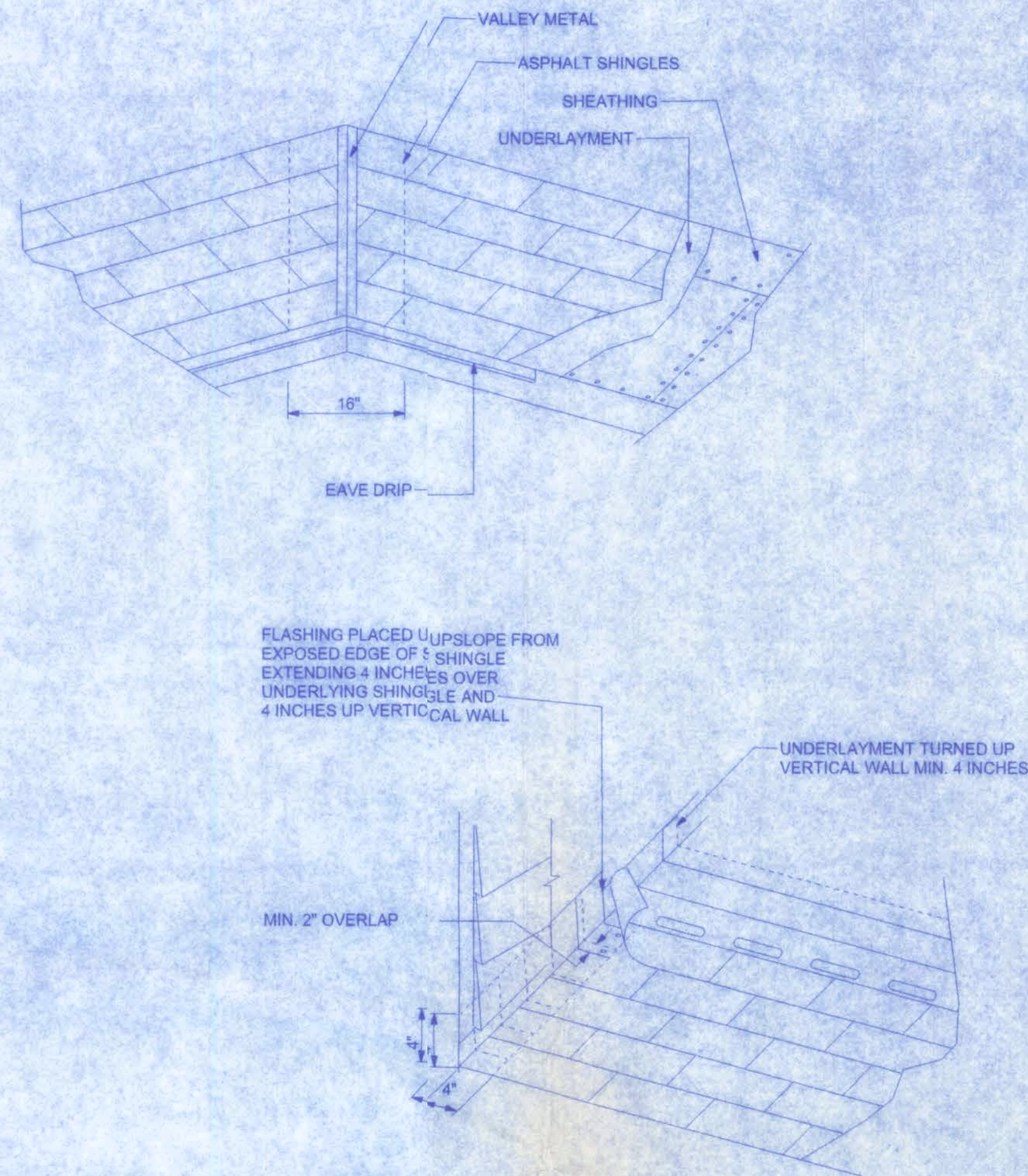


CONNECTOR SCHEDULE FOR TRUSS ANCHORAGE				
CONNECTOR	TRUSS	TOP PLATE	UPLIFT PROVIDED	MANUFACTURER
H2.5	5-8d NAILS	5-8d NAILS	365 LBS	SIMPSON
H10	8-8d NAILS	8-8d NAILS	850 LBS	SIMPSON
MTS12	7-10d NAILS	7-10d NAILS	1,000 LBS	SIMPSON
H16	2-10d NAILS	10-10d NAILS	1,300 LBS	SIMPSON
(2) HTS20	10-10d NAILS	10-10d NAILS	2 x 1,450 = 2,900 LBS	SIMPSON

FIREBLOCKING NOTES:

FIREBLOCKING SHALL BE INSTALLED IN WOOD FRAME CONSTRUCTION IN THE FOLLOWING LOCATIONS:

1. IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS INCLUDING FURRED SPACES AT CEILING AND FLOOR LEVELS.
2. AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILINGS, COVE CEILINGS, ETC.
3. IN CONCEALED SPACES BETWEEN STAIR STRINGERS AT THE TOP AND BOTTOM OF THE RUN.
4. AT OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS AND FIREPLACES AT CEILING AND FLOOR LEVELS WITH PYRO PANEL MULTIFLEX SEALANT.
5. AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL STUD WALL OR PARTITION SPACES AND CONCEALED SPACES CREATED BY AN ASSEMBLY OF FLOOR JOISTS. FIREBLOCKING SHALL BE PROVIDED FOR THE FULL DEPTH OF THE JOISTS AT THE ENDS AND OVER THE SUPPORTS.



SHINGLE NOTES:

DECK REQUIREMENTS:
ASPHALT SHINGLES SHALL BE FASTENED TO SOLIDLY SHEATHED DECKS.

SLOPE:
ASPHALT SHINGLES SHALL BE USED ONLY ON ROOF SLOPES OF 2:12 OR GREATER. FOR ROOF SLOPES FROM 2:12 TO 4:12, DOUBLE UNDERLAYMENT IS REQUIRED.

UNDERLAYMENT:
UNLESS OTHERWISE NOTED, UNDERLAYMENT SHALL CONFORM WITH ASTM D 226, TYPE 1, OR ASTM D 4889, TYPE 1.

SELF-ADHERING POLYMER MODIFIED BITUMEN SHEET:
SELF ADHERING POLYMER MODIFIED BITUMEN SHALL COMPLY WITH ASTM D 1970.

ASPHALT SHINGLES:
ASPHALT SHINGLES SHALL HAVE SELF SEAL STRIPS OR BE INTERLOCKING, AND COMPLY WITH ASTM D 225 OR ASTM D 3462.

FASTENERS:
FASTENERS FOR ASPHALT SHINGLES SHALL BE GALVANIZED, STAINLESS STEEL, ALUMINUM OR COPPER ROOFING NAILS, MINIMUM 12 GAUGE SHANK WITH A MINIMUM 3/8 INCH DIAMETER HEAD, OF A LENGTH TO PENETRATE THROUGH THE ROOFING MATERIAL AND A MINIMUM 3/4" INTO THE ROOF SHEATHING. WHERE ROOF SHEATHING IS LESS THAN 3/4" THICK, THE NAILS SHALL PENETRATE THROUGH THE SHEATHING.

ATTACHMENT:
ASPHALT SHINGLES SHALL BE SECURED TO THE ROOF WITH NOT LESS THAN FOUR FASTENERS PER STRIP SHINGLE OR TWO FASTENERS PER INDIVIDUAL SHINGLE. WHERE ROOFS LOCATED IN BASIC WIND SPEED OF 110 MPH OR GREATER, SPECIAL METHODS OF FASTENING ARE REQUIRED. UNLESS OTHERWISE NOTED, ATTACHMENT OF ASPHALT SHINGLES SHALL CONFORM WITH ASTM D 3161 OR M-DC PA 107-95.

UNDERLAYMENT APPLICATION:
FOR ROOF SLOPES FROM 2:12 TO 4:12, UNDERLAYMENT SHALL BE A MINIMUM OF TWO LAYERS APPLIED AS FOLLOWS:
1. STARTING AT THE EAVE, A 19 INCH STRIP OF UNDERLAYMENT SHALL BE APPLIED PARALLEL WITH THE EAVE AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

2. STARTING AT THE EAVE, 36 INCH WIDE STRIPS OF UNDERLAYMENT FELT SHALL BE APPLIED OVERLAPPING SUCCESSIVE SHEETS 19 INCHES AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

FOR ROOF SLOPED 4:12 AND GREATER, UNDERLAYMENT SHALL BE A MINIMUM OF ONE LAYER OF UNDERLAYMENT FELT APPLIED AS FOLLOWS:
STARTING AT THE EAVE, UNDERLAYMENT SHALL BE APPLIED SHINGLE FASHION PARALLEL TO THE EAVE, LAPPED 2 INCHES, AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

BASE AND CAP FLASHINGS:
BASE AND CAP FLASHING SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS. BASE FLASHING SHALL BE OF EITHER CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS 0.019 INCH OR MINERAL SURFACE ROLL ROOFING WEIGHING A MINIMUM OF 77 LBS PER 100 SQUARE FEET. CAP FLASHING SHALL BE CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS OF 0.019 INCH.

VALLEYS:
VALLEY LININGS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS BEFORE APPLYING ASPHALT SHINGLES. VALLEY LININGS OF THE FOLLOWING TYPES SHALL BE PERMITTED.

1. FOR OPEN VALLEYS LINED WITH METAL, THE VALLEY LINING SHALL BE AT LEAST 16 INCHES WIDE AND OF ANY OF THE CORROSION RESISTANT METALS IN TABLE 1507.3.2.
2. FOR OPEN VALLEYS, VALLEY LINING OF TWO PLYS OF MINERAL SURFACE ROLL ROOFING SHALL BE PERMITTED. THE BOTTOM LAYER SHALL BE 18 INCHES AND THE TOP LAYER A MINIMUM OF 36 INCHES WIDE.
3. FOR CLOSED VALLEYS VALLEY LINING SHALL BE ONE OF THE FOLLOWING:
1. BOTH TYPES 1 AND 2 ABOVE, COMBINED.
2. ONE PLY OF SMOOTH ROLL ROOFING AT LEAST 36 INCHES WIDE AND COMPLYING WITH ASTM D 224.
3. SPECIALTY UNDERLAYMENT AT LEAST 36 INCHES WIDE AND COMPLYING WITH ASTM D 1970.

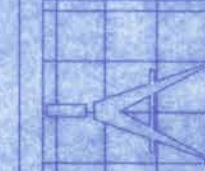
MATERIAL	MINIMUM THICKNESS (in)	GAGE	WEIGHT (LB)
COPPER			1
ALUMINUM	0.024		
STAINLESS STEEL		28	
GALVANIZED STEEL	0.0175	26 (ZINC COATED G90)	
ZINC ALLOY LEAD	0.021		2 1/2
PAINTED TERNE			20

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P.E. # 5800V

KNEPPAR
RESIDENCE

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Design Group, Inc.

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