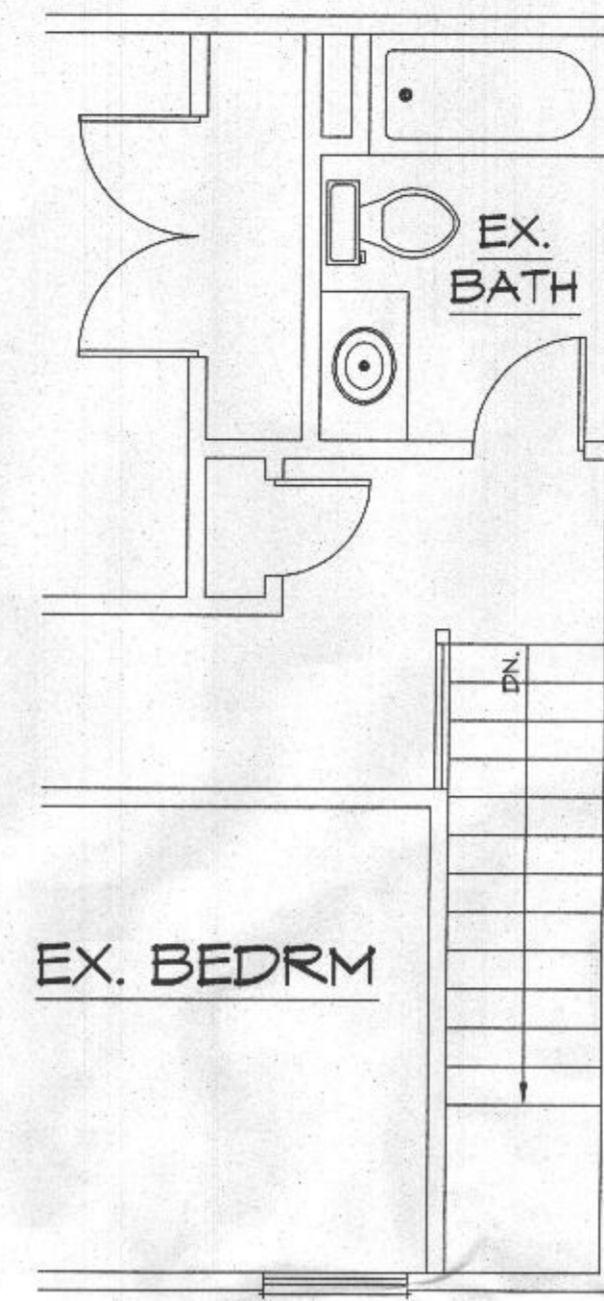


EXISTING FIRST FLOOR PLAN

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



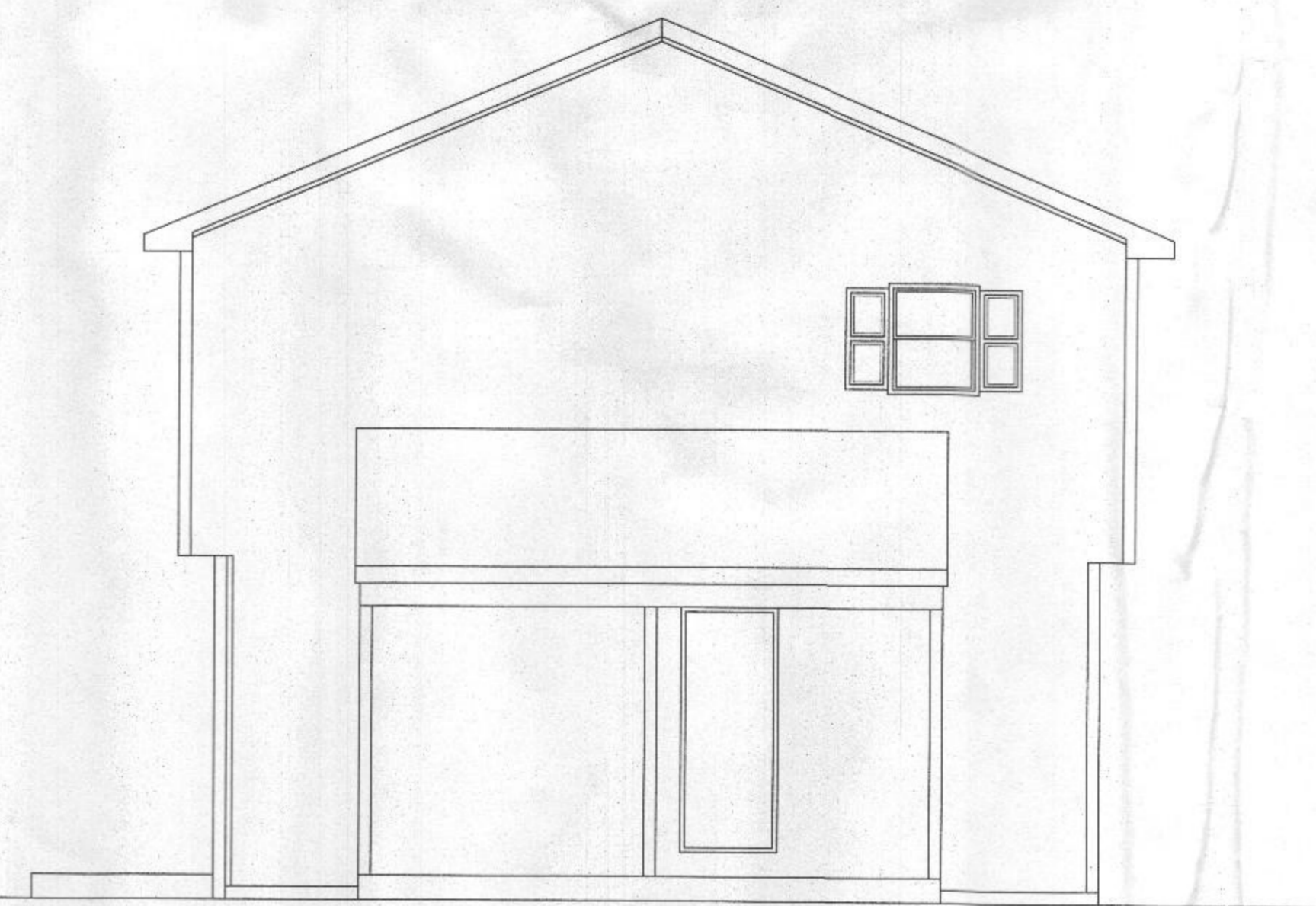
PARTIAL EXISTING SECOND FLOOR PLAN

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



EXISTING FRONT ELEVATION

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



EXISTING RIGHT SIDE ELEVATION

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

REMODELING & ADDITIONS TO
17034 HARDY ROAD

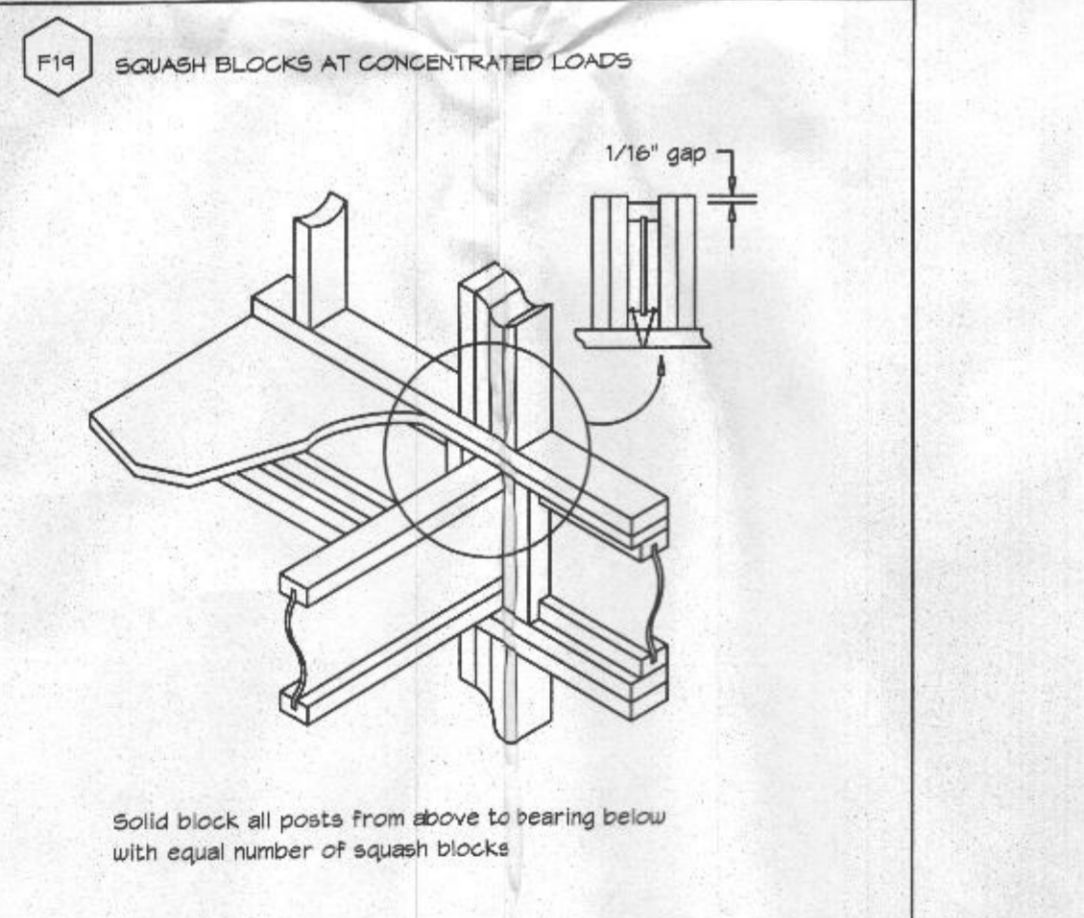
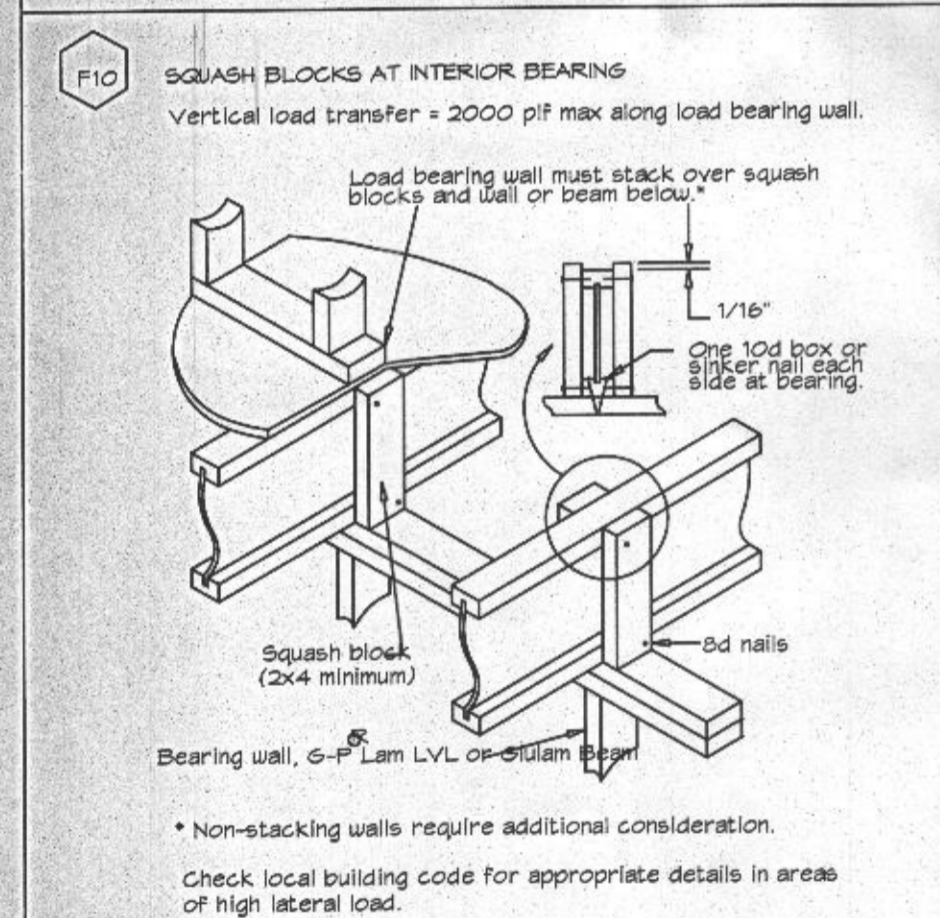
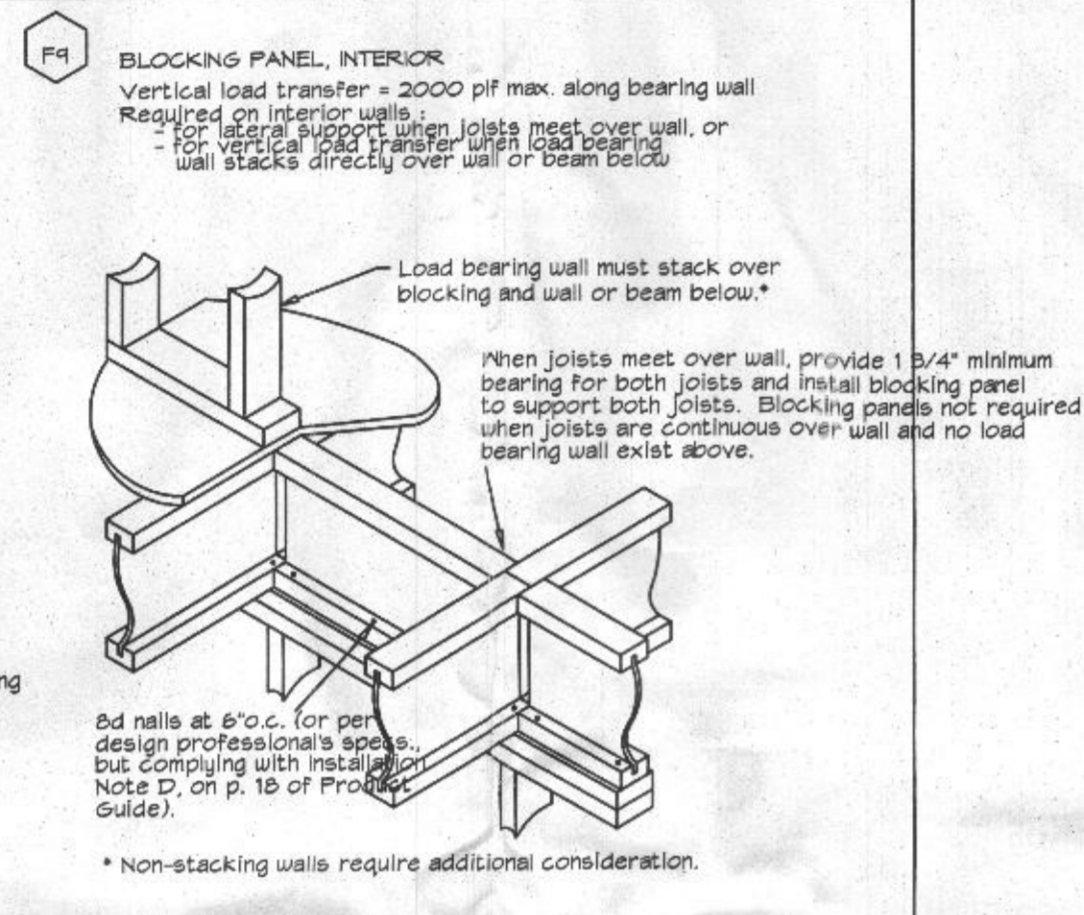
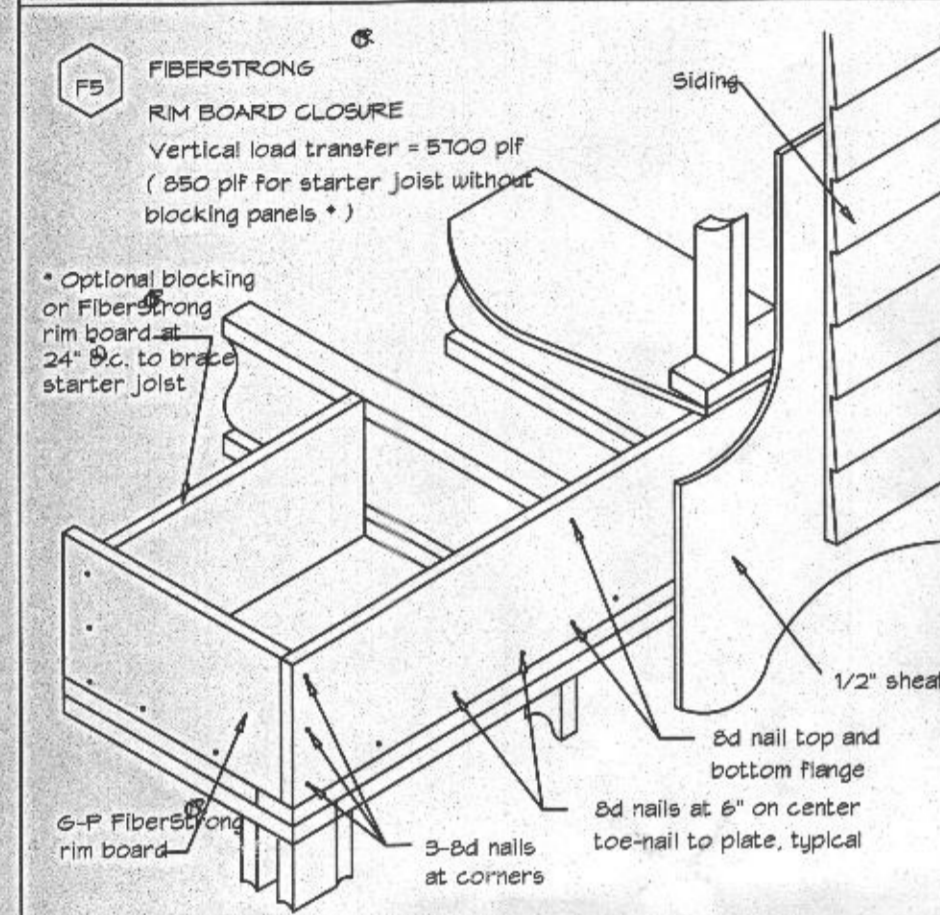
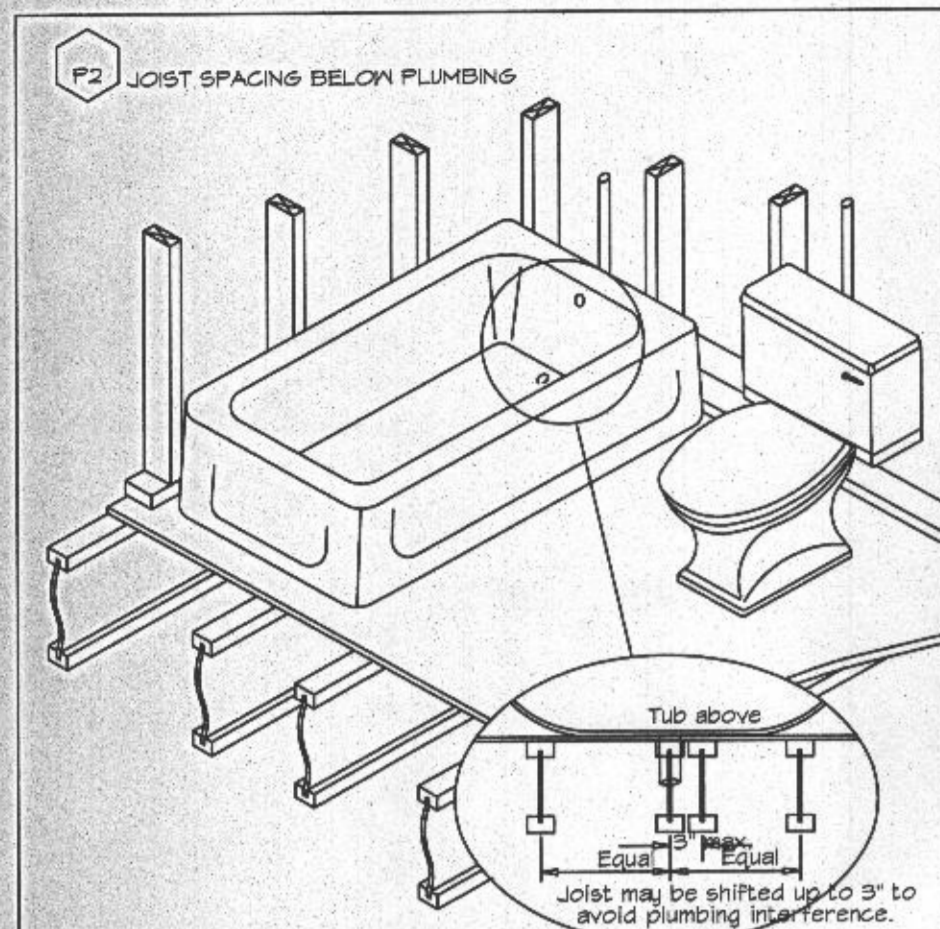
PROJECT ADDRESS:
17034 HARDY ROAD
MT. AIRY, MD. 21101
HOWARD COUNTY, MD.

FILE: 17034 HARDY ROAD REMODEL

816001798

SCALE: 1/4" = 1'-0"
DATE: 3/2016
SHEET NO.: 1 OF 6

GBL CUSTOM HOME
DESIGN INC.
PO BOX 237 FINKSBURG, MD 21048
PHONE 410-833-8320

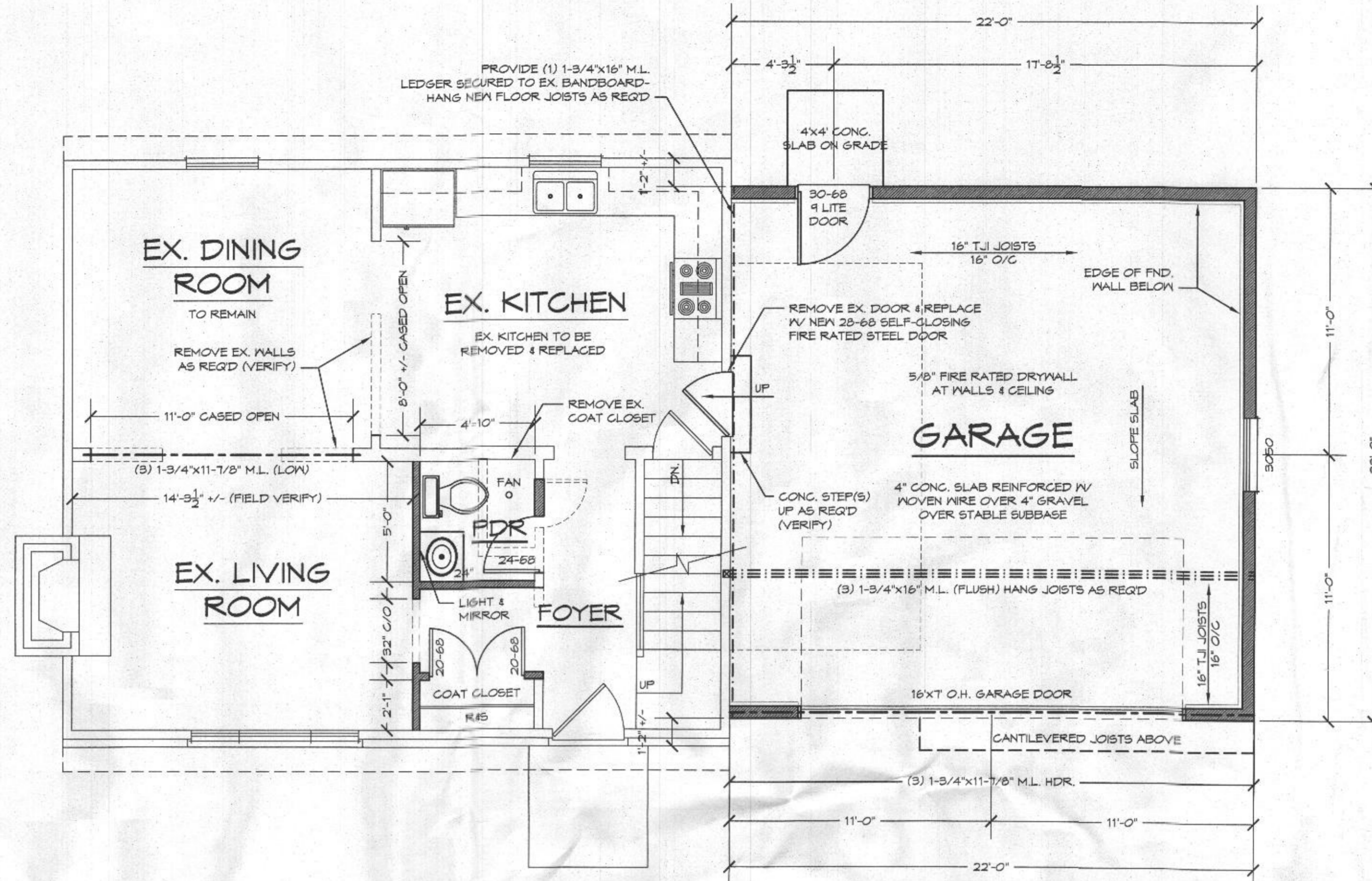
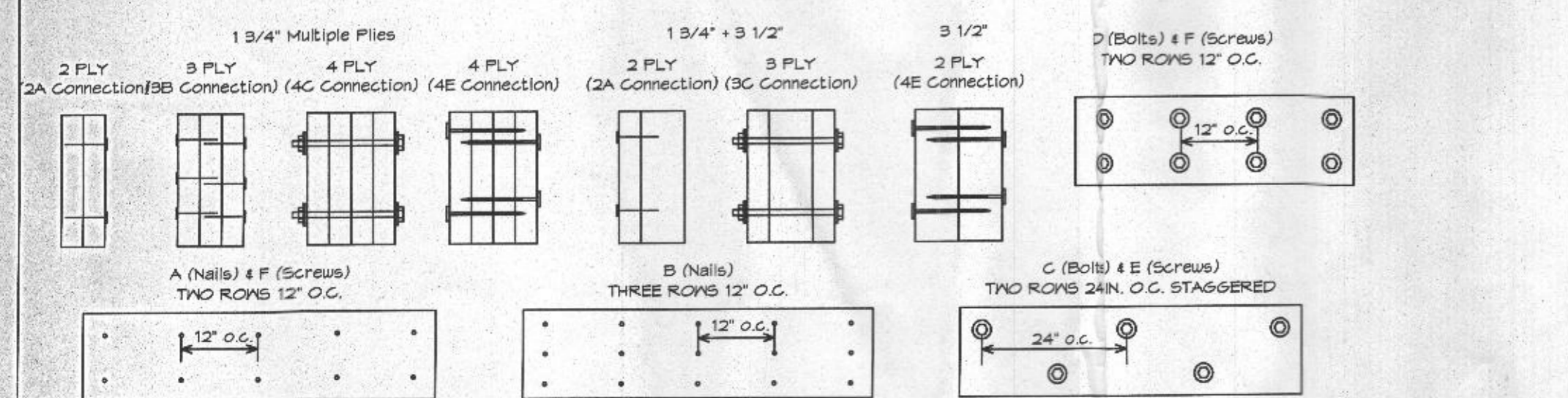


LVL FASTENING SCHEDULE

Maximum Uniform Load Applied to Either or Both Outside Pieces (Pounds per lineal foot)

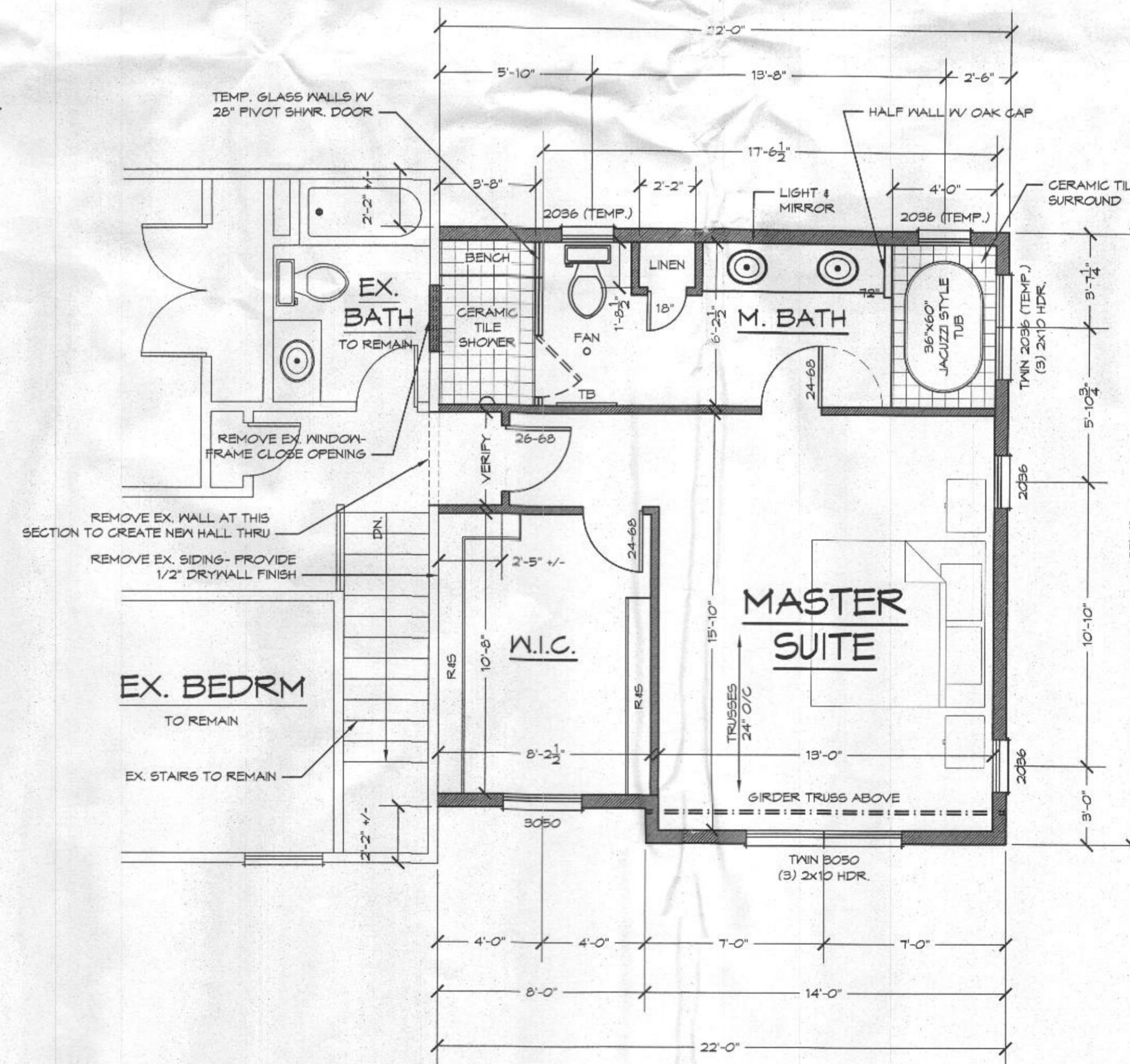
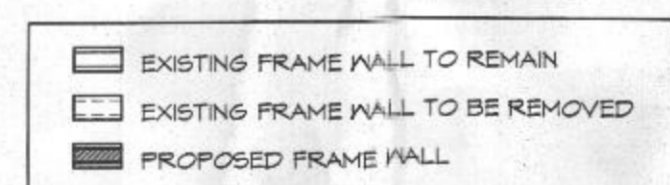
Pieces in Member	1 3/4\"/>					
	A	B	C	D	E	F
2 ROWS	505	760	505	1015	500	995
3	360	570	360	760	375	745
4	Not Permitted	340	675	330	665	

NOTES:
 1. Confirm adequacy of the beam (depth and number of pieces) for carrying the designated load.
 2. Stress level for nail and bolt values is 100%. Increases of 15% for snow loaded or 25% for non-snow loaded roof conditions are permitted.
 3. Top and bottom row of connectors should be 2\"/>



PROPOSED FIRST FLOOR PLAN

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



PARTIAL PROPOSED SECOND FLOOR PLAN

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

PROPOSED FINISHED FLOOR ELEVATION TO MATCH EX. HOUSE. PROPOSED WINDOW SIZES SHOWN ARE ANDERSEN 200 SERIES.



R619.2 WINDOW SILLS
 ALL WINDOWS WHERE THE OPERABLE OPENING IS LOCATED MORE THAN 12\"/>

EXCEPTIONS:
 1. WINDOWS WHOSE OPENINGS WILL NOT ALLOW A 4\"/>

REMODELING & ADDITIONS TO
 17034 HARDY ROAD

PROJECT ADDRESS:
 17034 HARDY ROAD
 MT. AIRY, MD. 21101
 HOWARD COUNTY, MD.

REVISED 5/24/2016

FILE: 17034 HARDY ROAD REMODEL

SCALE: 1/4" = 1'-0"
 DATE: 3/20/16
 SHEET NO.: 2 OF 6

GBL CUSTOM HOME
 DESIGN INC.
 PO BOX 237 FINKSBURG, MD 21048
 PHONE 410-833-8320

2015 ICC CODE COMPLIANCE

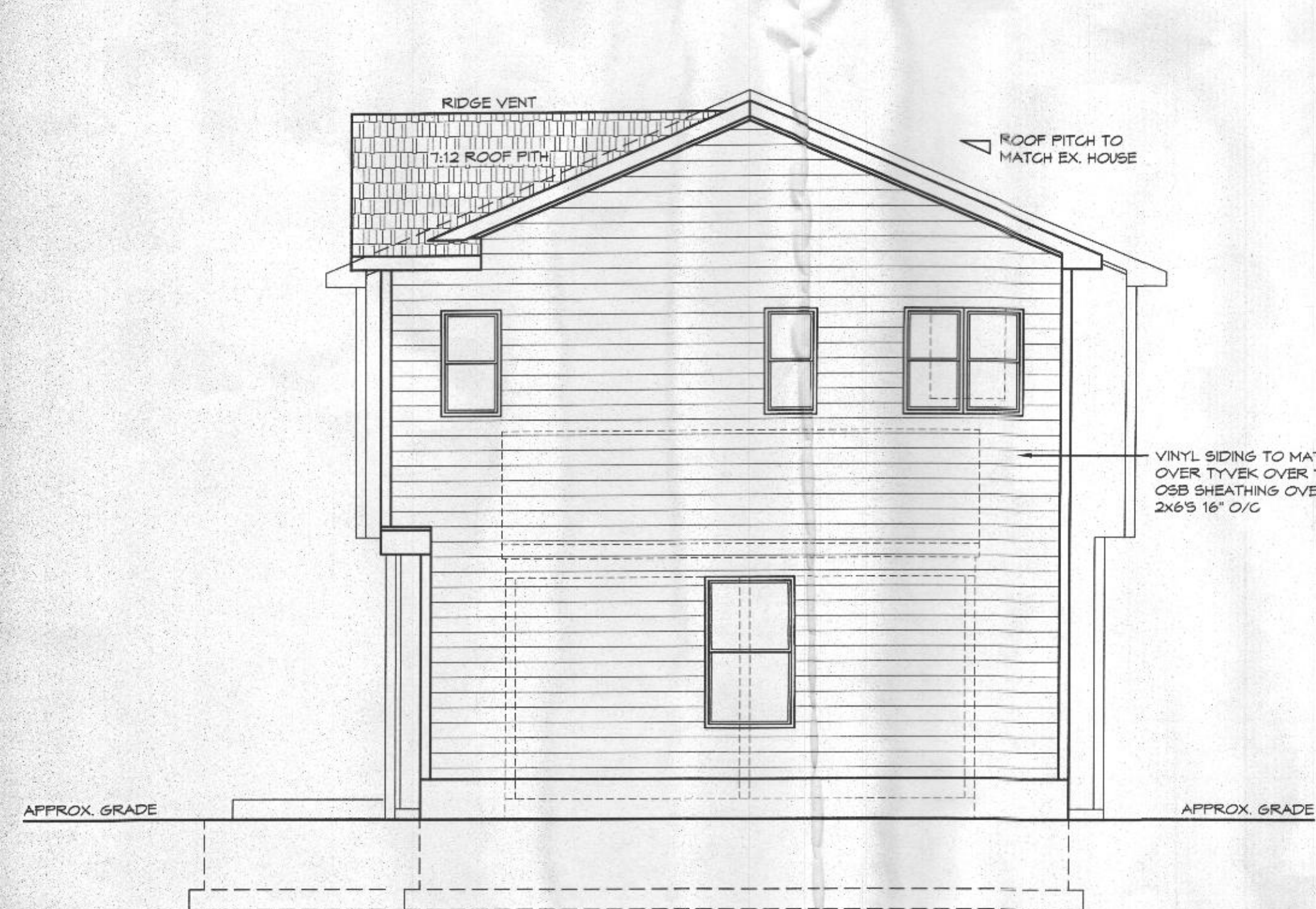
- R501.1 CLIMATE ZONE 4
- R401.2 COMPLIANCE METHOD: MANDATORY AND PRESCRIPTIVE PROVISIONS
- R402.1.1 VAPOR RETARDER: WALL ASSEMBLIES IN THE THERMAL BUILDING ENVELOPE SHALL COMPLY WITH THE VAPOR RETARDER REQUIREMENTS OF SECTION R102.1 OF THE IRC CODE, 2015 EDITION
- R402.1.2 ATTIC INSULATION: RAISED HEEL TRUSSES: R-38
- R402.1.2 WOOD FRAME WALL: R-20 OR R13-RS CONTINUOUS INSULATION
- R402.1.2 BASEMENT WALL INSULATION: R-13/R-10 FOIL FACED CONTINUOUS, UNINTERRUPTED BATTS FULL HEIGHT.
- R402.1.2 GRAVEL SPACE WALL INSULATION: R-13/R-10 FOIL FACED CONTINUOUS BATTS FULL HEIGHT EXTENDING FROM FLOOR ABOVE TO FINISH GRADE LEVEL AND THEN VERTICALLY OR HORIZONTALLY AN ADDITIONAL 2'-0".
- R402.1.2 FLOOR INSULATION OVER UNCONDITIONED SPACE: R-14 BATT INSULATION
- R402.1.2 WINDOW U-VALUE / SHGC: .35 (U-VALUE) .40 (SHGC)
- R402.2.10 SLAB ON GRADE FLOORS LESS THAN 12" BELOW GRADE: R-10 RIGID FOAM BOARD UNDER SLAB EXTENDING EITHER 2'-0" HORIZONTALLY OR 2'-0" VERTICALLY.
- R402.2.4 ATTIC ACCESS: ATTIC ACCESS SCUTTLE SHALL BE WEATHERSTRIPPED AND INSULATED R-48
- R402.4 BUILDING THERMAL ENVELOPE (AIR LEAKAGE): EXTERIOR WALLS AND PENETRATIONS SHALL BE SEALED PER THIS SECTION OF THE 2015 ICC WITH CAULK, GASKETS, WEATHERSTRIPPING OR AN AIR BARRIER OF SUITABLE MATERIAL.
- R402.4.1.2 BUILDING THERMAL ENVELOPE TIGHTNESS TEST: BUILDING ENVELOPE SHALL BE TESTED AND VERIFIED AS HAVING AN AIR LEAKAGE RATE OF NOT EXCEEDING 3 AIR CHANGES PER HOUR. TESTING SHALL BE CONDUCTED IN ACCORDANCE WITH ASTM E 778 OR ASTM E 1827 WITH (BLOWER DOOR) AS A PRESSURE OF 0.2 INCHES W.G. (50 PASCALS). TESTING SHALL BE SIGNED BY THE PARTY CONDUCTING THE TEST AND PROVIDED TO THE BUILDING INSPECTOR.
- R402.4.2 FIREPLACES: NEW WOOD BURNING MASONRY FIREPLACES SHALL HAVE TIGHT-FITTING FLUE DAMPERS AND OUTDOOR COMBUSTION AIR FIRE PLACE DOORS SHALL BE LISTED AND LABELED IN ACCORDANCE WITH UL 127 (FACTORY BUILT FIREPLACE) AND UL 901 (MASONRY FIREPLACE)

- R402.4.4 ROOMS CONTAINING FUEL BURNING APPLIANCES WHERE OPEN COMBUSTION AIR DUCTS PROVIDE COMBUSTION AIR TO OPEN COMBUSTION FUEL BURNING APPLIANCES, THE APPLIANCES AND COMBUSTION AIR SHALL BE LOCATED OUTSIDE THE BUILDING THERMAL ENVELOPE TO ENCLOSED IN A ROOM ISOLATED FROM THE THERMAL ENVELOPE. EXCEPTION: DIRECT VENT APPLIANCES WITH BOTH INTAKE AND EXHAUST PIPES INSTALLED CONTIGUOUS THE OUTSIDE. FIREPLACES AND STOVES COMPLYING WITH SECTION R402.4.2 AND SECTION R1009 OF THE IRC.
 - R402.4.5 RECESSED LIGHTING: RECESSED LUMINAIRES INSTALLED IN THE BUILDING THERMAL ENVELOPE SHALL BE SEALED TO LIMIT AIR LEAKAGE.
 - R403.1 THERMOSTAT: ALL DWELLING UNITS SHALL HAVE AT LEAST (1) PROGRAMMABLE THERMOSTAT FOR EACH SEPARATE HEATING AND COOLING SYSTEM PER 2015 ICC SECTION 403.1.1
 - R403.1.2 WHERE A HEAT PUMP SYSTEM HAVING SUPPLEMENTARY ELECTRIC RESISTANCE HEAT IS USED THE THERMOSTAT SHALL PREVENT THE SUPPLEMENTARY HEAT FROM COMING ON WHEN HEAT PUMP CAN MEET HEATING LOAD.
 - R403.3.1 MECHANICAL DUCT INSULATION: SUPPLY AND RETURN DUCTS IN ATTIC R-6 MINIMUM, R-6 WHEN LESS THAN 3" SUPPLY AND RETURN DUCTS OUTSIDE OF CONDITIONED SPACE R-8 MINIMUM ALL OTHER DUCTS EXCEPT THOSE LOCATED COMPLETELY INSIDE THE BUILDING THERMAL ENVELOPE R-6 MINIMUM. DUCTS LOCATED UNDER CONCRETE SLABS MUST BE R-6 MINIMUM.
 - R403.3.2 DUCT SEALING: ALL DUCTS, AIR HANDLERS, FILTER BOXES SHALL BE SEALED. JOINTS AND SEAMS SHALL COMPLY WITH SECTION M1601.4.1 OF THE IRC. A DUCT TIGHTNESS TEST ("DUCT BLOWER" DUCT TOTAL LEAKAGE TEST) SHALL BE PERFORMED ON ALL HOMES AND SHALL BE VERIFIED BY EITHER A POST CONSTRUCTION TEST OR A ROUGH-IN TEST. DUCT TIGHTNESS IS NOT REQUIRED IF THE AIR HANDLER AND ALL DUCTS ARE LOCATED WITHIN THE CONDITIONED SPACE.
 - R403.6 MECHANICAL VENTILATION: OUTDOOR (MAKE UP AND EXHAUSTS) AIR DUCTS TO BE PROVIDED WITH AUTOMATIC OR GRAVITY DAMPER THAT CLOSE WHEN THE VENTILATION SYSTEM IS NOT OPERATING.
 - R403.6.1 WHOLE HOUSE MECHANICAL VENTILATION SYSTEM FAN EFFICIENCY TO COMPLY WITH TABLE R403.6.1
 - R403.7 EQUIPMENT SIZING SHALL COMPLY WITH R403.7.
 - R404.1 LIGHTING EQUIPMENT: MINIMUM OF 75 % OF ALL LAMPS (LIGHTS) MUST BE HIGH-EFFICIENCY LAMPS.
- THE CONTRACTOR ALSO RESPONSIBLE FOR GENERATING CERTIFICATE OF COMPLIANCE AND AFFIXING TO ELECTRICAL PANEL OR WITHIN 8" OF THE PANEL AND BE READILY VISIBLE.



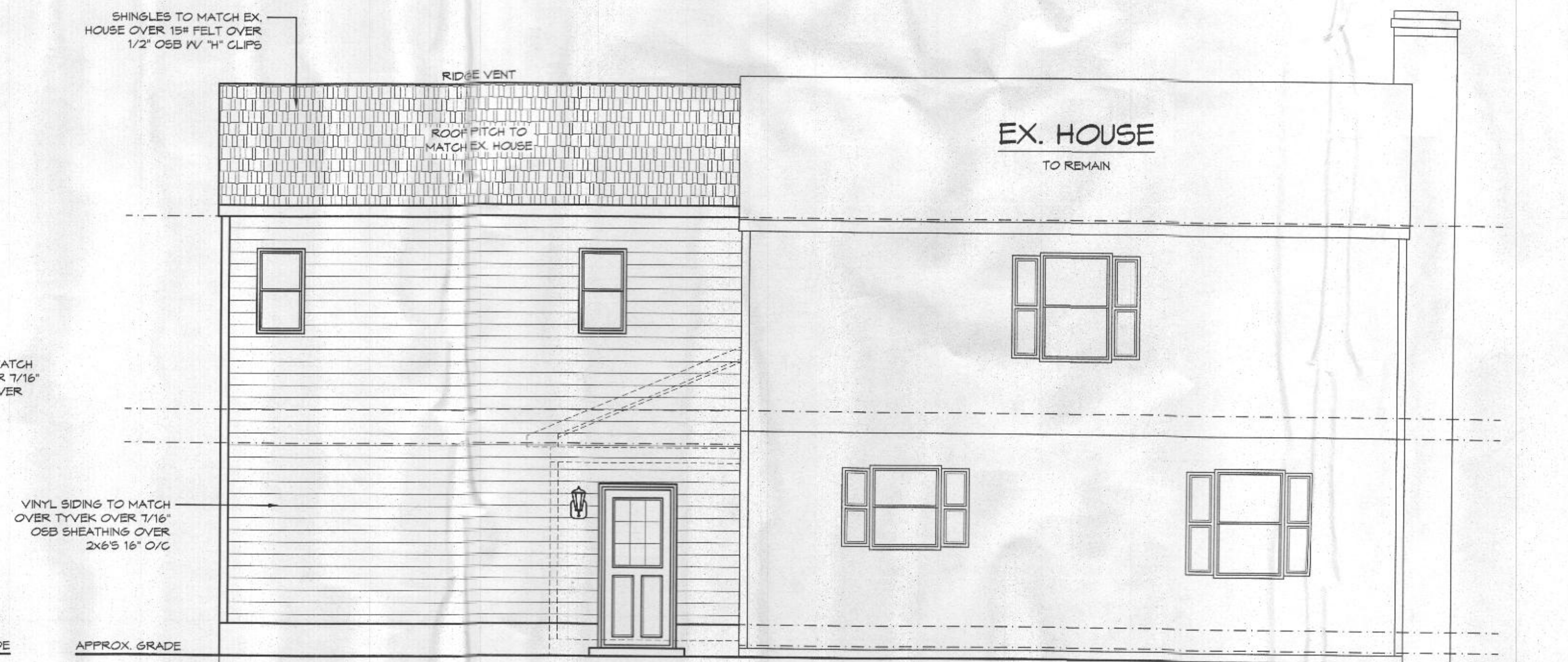
PROPOSED FRONT ELEVATION

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



PROPOSED RIGHT SIDE ELEVATION

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



PROPOSED REAR ELEVATION

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

REMODELING & ADDITIONS TO
17034 HARDY ROAD

PROJECT ADDRESS:
17034 HARDY ROAD
MT. AIRY, MD. 21101
HOWARD COUNTY, MD.

REVISED 5/24/2016

SCALE: 1/4" = 1'-0"	GBL CUSTOM HOME DESIGN INC. PO BOX 237 FNKSBURG, MD 21048 PHONE 410-833-8320
DATE: 9/2016	
SHEET NO.: 3 OF 6	

FILE: 17034 HARDY ROAD REMODEL

GENERAL STRUCTURAL NOTES

1. GENERAL

A. ALL CONSTRUCTION SHALL CONFORM WITH THE PROVISIONS OF THE 2015 INTERNATIONAL RESIDENTIAL CODE FOR ONE AND TWO FAMILY DWELLINGS.

B. DESIGN LIVE LOADS:
 ROOF 30 PSF
 FLOORS 40 PSF
 SLEEPING AREAS 30 PSF

2. FOUNDATIONS

A. FOOTINGS ARE DESIGNED FOR AN ALLOWABLE SOIL BEARING CAPACITY OF 2000 PSF. FOOTINGS SHALL BEAR ON NATURAL UNDISTURBED SOIL, 1'-0" BELOW ORIGINAL GRADE. THE BOTTOM OF EXTERIOR FOOTINGS SHALL BE A MINIMUM OF 2'-0" BELOW FINISHED GRADE. CONTRACTOR TO VERIFY THE ALLOWABLE SOIL PRESSURE IN THE FIELD, IF FOUND TO BE LESS THAN 2000 PSF, THE FOOTINGS WILL HAVE TO BE REDESIGNED.

3. CAST IN PLACE CONCRETE

A. ALL CONCRETE WORK SHALL CONFORM TO THE LATEST APPROVED (BY LOCAL GOVERNMENT) EDITIONS OF THE FOLLOWING A.C.I. AND A.S.T.M. DOCUMENTS:

ACI-301 SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS
 ACI-318 BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE

B. ALL CONCRETE, EXCEPT AS NOTED, SHALL BE (7000 PSI) STONE AGGREGATE CONCRETE AT 28 DAYS. ALL CONCRETE EXPOSED TO THE WEATHER SHALL BE AIR ENTRAINED.

C. SLABS ON GROUND SHALL BE 4" THICK CONCRETE REINFORCED WITH 6"x6" #14X11.4 W/F OVER 6 MIL POLYETHYLENE VAPOUR BARRIER AND 4" WASHED GRAVEL UNLESS OTHERWISE NOTED.

4. MASONRY

A. ALL MASONRY CONSTRUCTION AND MATERIALS USED THEREIN (CONCRETE MASONRY, CLAY MASONRY, MORTAR, GROUT AND STEEL REINFORCEMENT) SHALL CONFORM TO BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES (ACI 530-02/ASCE 5-12/TMS 402-42) AND SPECIFICATIONS FOR MASONRY STRUCTURES (ACI 530.1-02/ASCE 6-12/TMS 602-12) IN ALL RESPECTS.

B. MASONRY BEARING WALLS SHALL CONSIST OF STANDARD HOLLOW UNITS CONFORMING TO ASTM C 90 UNLESS OTHERWISE NOTED. WHERE SOLID UNITS ARE REQUIRED, PROVIDE UNITS CONFORMING TO ASTM C 145.

C. ALL MORTAR SHALL CONFORM TO THE REQUIREMENTS FOR PROPORTIONS, MIXING, STRENGTH AND APPLICATION FOR PORTLAND CEMENT/LIME TYPE "S" MORTAR AS DESCRIBED IN ACI 530-02.

D. ALL GROUT FILL IN MASONRY WALLS SHALL CONFORM TO ASTM C 416. SLUMP RANGE 8-11". PLACE GROUT IN 5'-0" MAXIMUM POUR HEIGHTS AND CONSOLIDATE BY MECHANICAL VIBRATION.

E. PROVIDE 3" DEPTH OF 100% SOLID MASONRY BELOW ALL JOIST OR SLAB BEARING LINES. PROVIDE 16" HIGH X 16" LONG 100% SOLID MASONRY BELOW ALL LINTELS AND BEAMS UNLESS NOTED OTHERWISE.

F. ALL MASONRY WALLS SHALL BE REINFORCED WITH NO. 4 SAGE TRUSS TYPE GALVANIZED DUR-O-WALL SPACED VERTICALLY AT 16" O.C. UNO. LAP ALL DUR-O-WALL 6" MINIMUM. PROVIDE CORNER AND TEE PIECES AT ALL INTERSECTIONS.

G. LOOSE LINTELS FOR MASONRY WALLS SHALL BE FOR EACH 4" WIDTH OF MASONRY ONE STEEL ANGLE AS FOLLOWS:

0'-0" TO 3'-0"	3'-1/2" X 3'-1/2" X 5/16"
3'-1" TO 5'-0"	4" X 3'-1/2" X 5/16"
5'-1" TO 6'-6"	5" X 3'-1/2" X 3/8"
6'-7" TO 8'-0"	6" X 3'-1/2" X 3/8"

ALL ANGLES SHALL HAVE THEIR SHORT LEGS OUTSTANDING AND 6" MINIMUM BEARINGS.

5. STRUCTURAL STEEL

A. ALL STRUCTURAL STEEL SHALL CONFORM TO ASTM SPECIFICATION A-36 (LATEST LOCAL APPROVED). ALL STEEL SHALL BE DETAILED, FABRICATED, AND ERRECTED IN ACCORDANCE WITH THE AISC MANUAL, AISC SPECIFICATION AND AISC CODE OF STANDARD PRACTICE.

B. ALL WELDED CONNECTIONS SHALL BE DONE WITH E70XX ELECTRODES. SHOP AND FIELD WELDS SHALL BE MADE BY APPROVED CERTIFIED WELDERS AND SHALL CONFORM TO THE AMERICAN WELDING SOCIETY CODE FOR BUILDINGS AND D1.1. WELDS SHALL DEVELOP THE FULL STRENGTH OF MATERIALS BEING WELDED UNLESS OTHERWISE NOTED.

6. WOOD

A. STRUCTURAL SOLID WOOD RAFTERS, JOISTS, BEAMS AND STUDS SHALL BE HEM FIR #2 OR SPRUCE PINE FIR #2 SURFACED DRY AT A MAXIMUM OF 19% MOISTURE CONTENT. ALL LUMBER EXPOSED TO WEATHER SHALL BE PRESSURE TREATED SOUTHERN PINE #2. ALL FABRICATION, ERECTION, OTHER PROCEDURES, AND MINIMUM UNIT STRESSES SHALL CONFORM TO THE CURRENT NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION.

B. WOOD TRUSSES SHALL BE DESIGNED, FABRICATED AND ERRECTED IN ACCORDANCE WITH THE NATIONAL DESIGN STANDARD FOR METAL PLATE CONNECTED WOOD TRUSS CONSTRUCTION (ANSI/TPI 1) AND COMMENTARY AND RECOMMENDATIONS FOR HANDLING, INSTALLING AND BRACING METAL PLATE CONNECTED WOOD TRUSSES (HB-11) AS PUBLISHED BY THE TRUSS PLATE INSTITUTE AND IN ACCORDANCE WITH THE 1991 EDITION OF THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION.

C. WOOD TRUSSES AND ENGINEERED FLOOR JOISTS ARE TO BE DESIGNED BY THE SUPPLIER. SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER/ARCHITECT FOR REVIEW. ALL TRUSSES AND JOISTS SHALL BE DESIGNED TO LIMIT THE BEARING STRESS TO 425 PSI WHEN MEMBERS BEAR ON STUD WALLS. PROVIDE MEMBERS OF ADEQUATE WIDTH OR METAL CONNECTIONS TO LIMIT STRESSES TO THE SPECIFIED VALUE.

D. ALL LAMINATED VENEER LUMBER (LVL) OR PARALLEL STRAND LUMBER (PSL) SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES: F_b=2600psi, F_v=285psi, E=1,900,000psi, F_c=2510psi (PARALLEL), F_c=150psi (PERPENDICULAR).

E. ALL DOUBLE MEMBERS SHALL BE NAILED TOGETHER WITH 2 ROWS OF 16d NAILS SPACED AT 12" O.C. ALL TRIPLE MEMBERS SHALL BE NAILED TOGETHER WITH 3 ROWS OF 16d NAILS SPACED AT 12" O.C. NAILED FROM EACH SIDE.

F. PROVIDE DOUBLE JOISTS AT PARALLEL PARTITIONS WHERE PARTITION LENGTH EXCEEDS 1/3 JOIST SPAN.

G. ALL NAILS ARE TO BE COMMON WIRE NAILS. NAILING OF ALL FRAMING SHALL BE AS SPECIFIED IN THE CONTRACT DOCUMENTS BUT IN NO CASE SHALL BE LESS THAN THE RECOMMENDED NAILING SCHEDULE CONTAINED IN THE 2000 INTERNATIONAL RESIDENTIAL CODE. ALL MULTIPLE STUD POSTS ARE TO BE NAILED TOGETHER WITH 12d NAILS @ 6" O.C. STAGGERED.

H. PROVIDE BRIDGINGS SPACED AT 48" O.C. IN FIRST TWO JOIST, RAFTER OR TRUSS SPACES WHEN FRAMING IS PARALLEL TO EXTERIOR WALL. NAIL SHEATHING (FLOOR, CEILING OR ROOF) TO BRIDGING AND NAIL BRIDGING TO EXTERIOR WALL PLATE. PROVIDE ONE ROW OF BRIDGING BETWEEN ALL FLOOR AND ROOF JOISTS FOR EACH 8'-0" OF SPAN. PROVIDE SOLID BLOCKING OR A CONTINUOUS RIM JOIST AT THE BEARING OF JOISTS, RAFTERS OR TRUSSES ON WOOD PLATES.

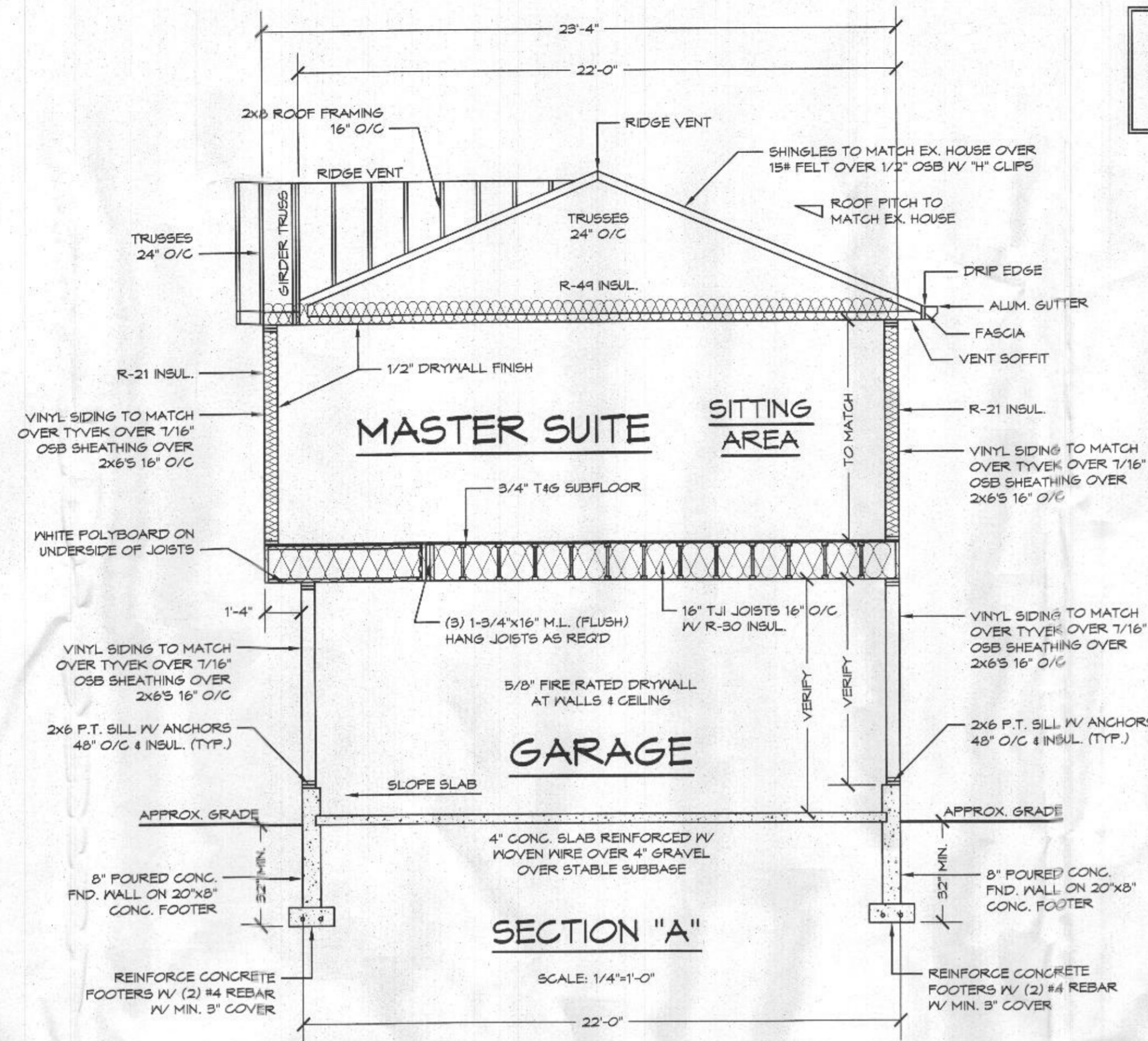
I. PROVIDE THE FOLLOWING JAMB STUDS AT ALL BEARING WALL OPENINGS UNLESS NOTED OTHERWISE:

0'-3" OPENING	1 JACK STUD, 1 KING STUD
3'-1" - 6'-0" OPENING	2 JACK STUDS, 1 KING STUD
6'-1" - 9'-0" OPENING	2 JACK STUDS, 2 KING STUDS

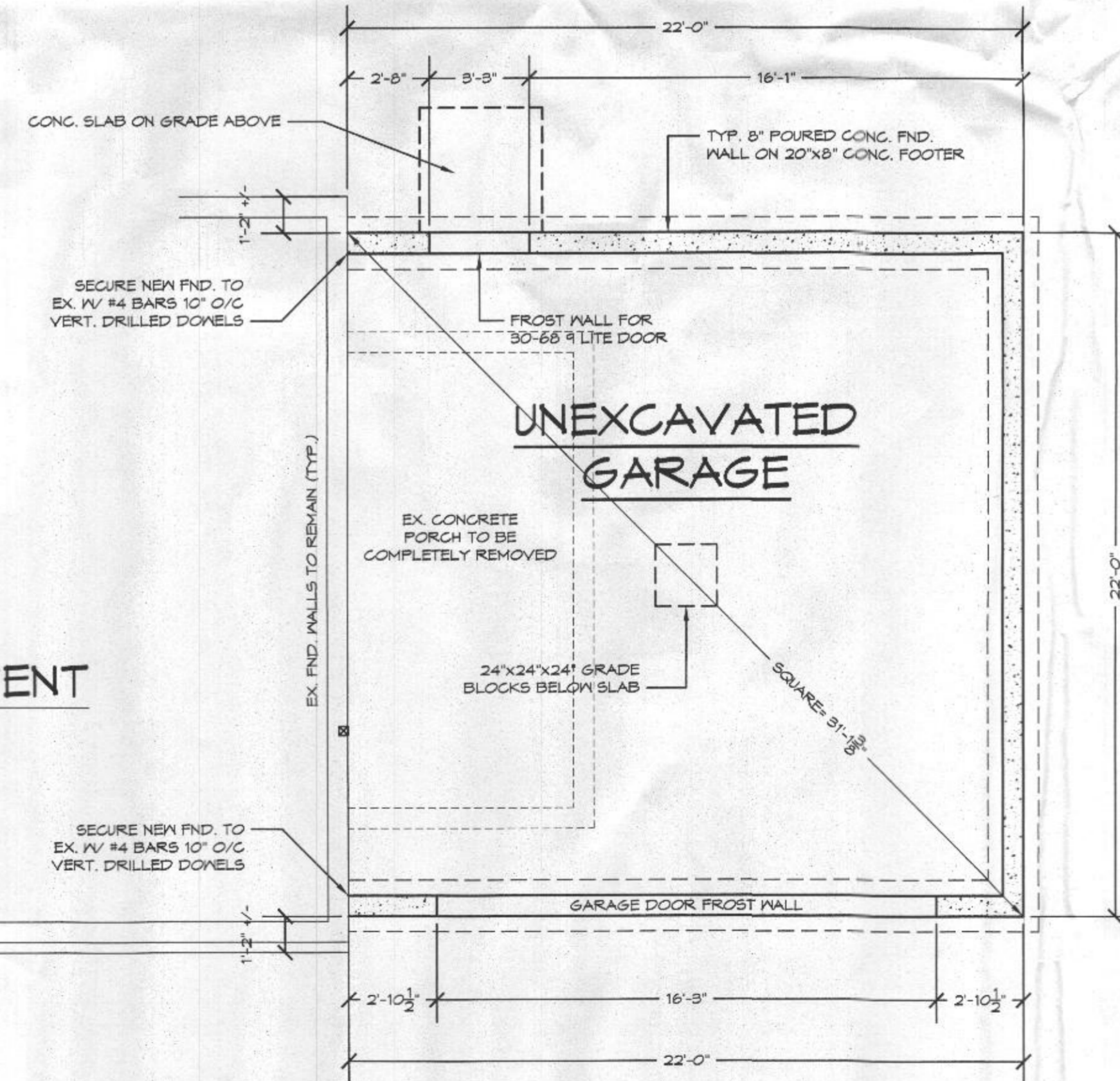
PROVIDE DOUBLE STUDS AT ALL CORNERS AND BENEATH ALL GIRDER TRUSSES AND WOOD BEAMS UNLESS NOTED OTHERWISE ON PLANS. WOOD BEAMS, GIRDER TRUSSES AND HEADERS SHALL BEAR THE FULL DEPTH OF POSTS AND JACK STUDS.

J. ALL POSTS (MULTIPLE STUDS OR SOLID POST) SUPPORTING BEAMS, WALL HEADERS OR GIRDER TRUSSES, SHALL BE BLOCKED SOLID FOR THE FULL LENGTH AND WIDTH OF POSTS AT ALL INTERSECTIONS WITH FLOORS AS REQUIRED TO PROVIDE CONTINUOUS SUPPORT TO TOP OF FOUNDATION WALLS OR BEAMS. POSTS SHOWN ON UPPER LEVELS FLOORS SHALL ALSO BE INSTALLED ON THE LOWER LEVELS IN LINE WITH THE POST ABOVE DOWN TO FOUNDATION WALLS OR BEAMS.

K. ALL FLUSH JOIST TO BEAM OR BEAM TO BEAM CONNECTIONS SHALL BE MADE WITH JOIST OR BEAM HANGERS TO SUPPORT THE LOAD CAPACITY INDICATED ON THE PLANS OR THE FULL CAPACITY OF THE JOIST OR BEAM. HANGERS SHALL BE PROVIDED BY SIMPSON STRONG TIE OR USF LUMBER CONNECTORS. THE SUPPLIER SHALL DESIGN ALL HANGERS FOR THE CAPACITY STATED. INSTALL ALL HANGERS IN STRICT CONFORMANCE TO THE MANUFACTURER'S INSTRUCTIONS. FILL ALL NAIL OR BOLT HOLES USING THE SPECIFIED NAILS AND BOLTS ONLY.



TRUSS DESIGN NOTE:
 TRUSS DESIGN SHOWN HEREON IS STRICTLY APPROXIMATE. TRUSSES ARE TO BE PRE-ENGINEERED AND CARRY TYP. SEAL. ACTUAL TRUSS DESIGN MAY VARY.



PARTIAL PROPOSED FOUNDATION PLAN

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

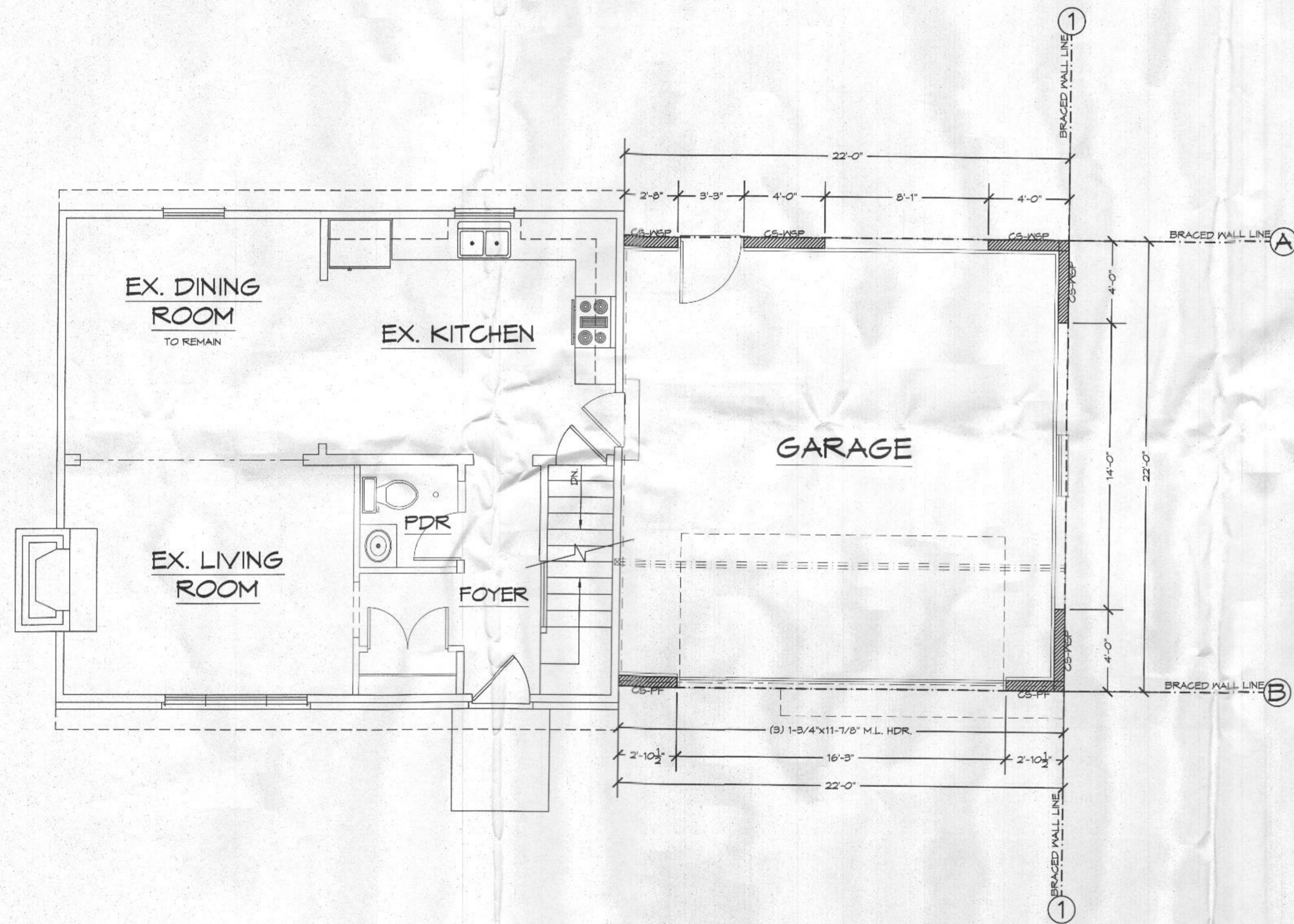
REMODELING & ADDITIONS TO
 17034 HARDY ROAD

PROJECT ADDRESS:
 17034 HARDY ROAD
 MT. AIRY, MD. 21011
 HOWARD COUNTY, MD.

REVISED 5/24/2016

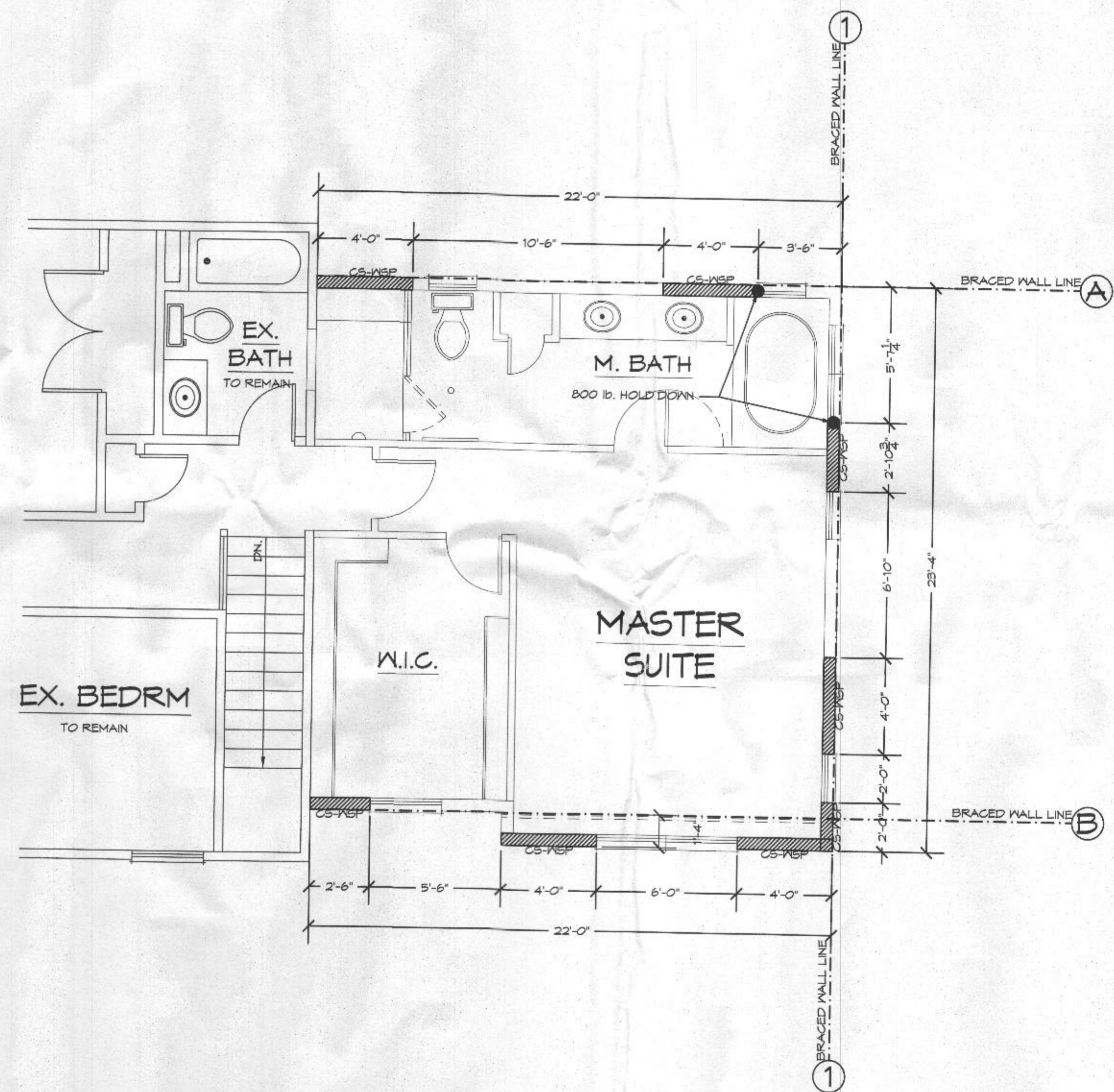
SCALE: 1/4" = 1'-0"	GBL CUSTOM HOME DESIGN INC. PO BOX 237 FINNINGSBURG, MD 21048 PHONE 410-853-8520
DATE: 5/20/16	
SHEET NO.: 4 OF 6	

FILE: 17034 HARDY ROAD REMODEL



PROPOSED FIRST FLOOR- WALL BRACING LAYOUT

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



PARTIAL PROPOSED SECOND FLOOR- WALL BRACING LAYOUT

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

HOLD-DOWN DEVICE: 800 lbs. CAPACITY FASTENED TO THE EDGE OF THE BRACED WALL PANEL CLOSEST TO THE CORNER AND TO THE FOUNDATION OR FLOOR FRAMING BELOW. (R602.10)

REMODELING & ADDITIONS TO
17034 HARDY ROAD

PROJECT ADDRESS:
17034 HARDY ROAD
MT. AIRY, MD. 21101
HOWARD COUNTY, MD.

REVISED 5/24/2016

FILE: 17034 HARDY ROAD REMODEL

SCALE: 1/4" = 1'-0"
DATE: 5/20/16
SHEET NO.: 5 OF 6

**GBI CUSTOM HOME
DESIGN INC.**
PO BOX 237 FINNSBURG, MD 21048
PHONE 410-833-8320

LEGEND:
 CS-WSP CONTINUOUS SHEATHING- WOOD STRUCTURAL PANEL (-LENGTH)
 CS-PF CONTINUOUS SHEATHED PORTAL FRAME
 CS-G CONTINUOUS SHEATHING- GARAGE DOOR OPENING
 GS GYPSUM 2 SIDED
 TD TIE DOWN DEVICE (-LBS)

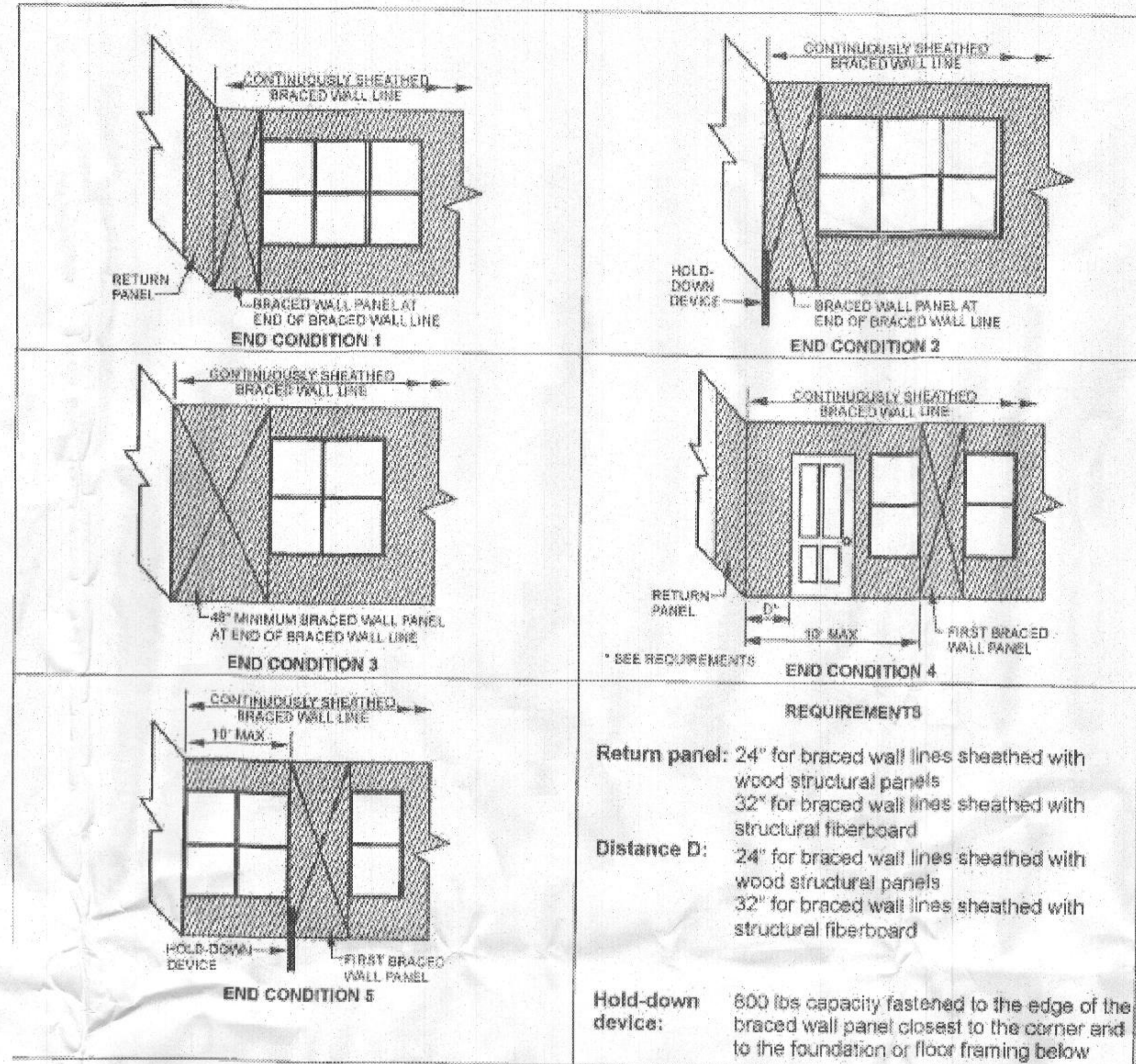
WALL BRACING DESIGN INFO:

LOCATION: HOWARD COUNTY, MARYLAND
 SEISMIC CATEGORY: B
 WIND SPEED: 90 MPH

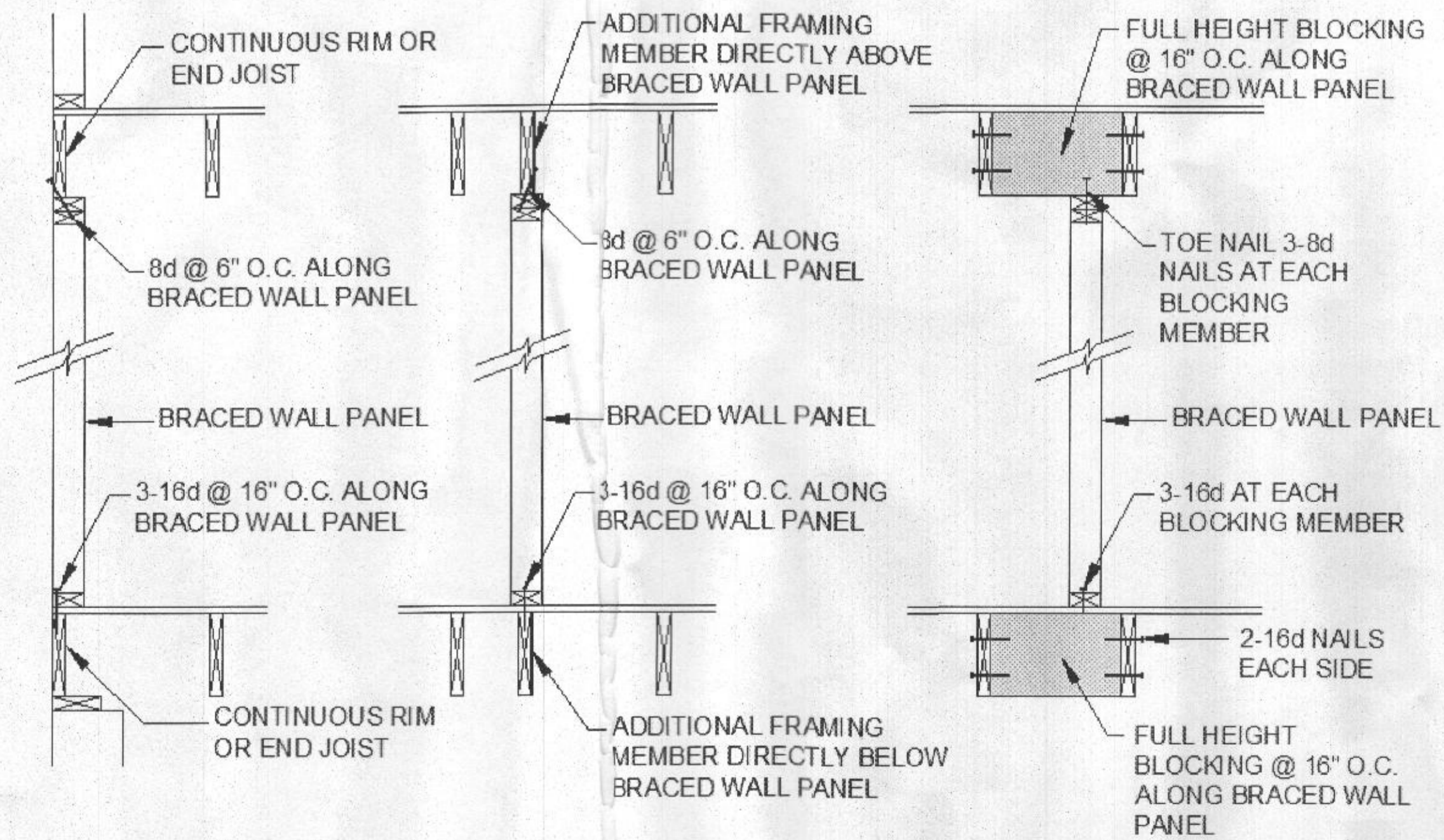
METHOD 3 (WOOD SHEATHING)/ CONTINUOUS SHEATHING
 METHOD 5 (GYPSUM BOARD)

*THESE DRAWINGS ARE LIMITED TO IRC WALL BRACING REQUIREMENTS ONLY.

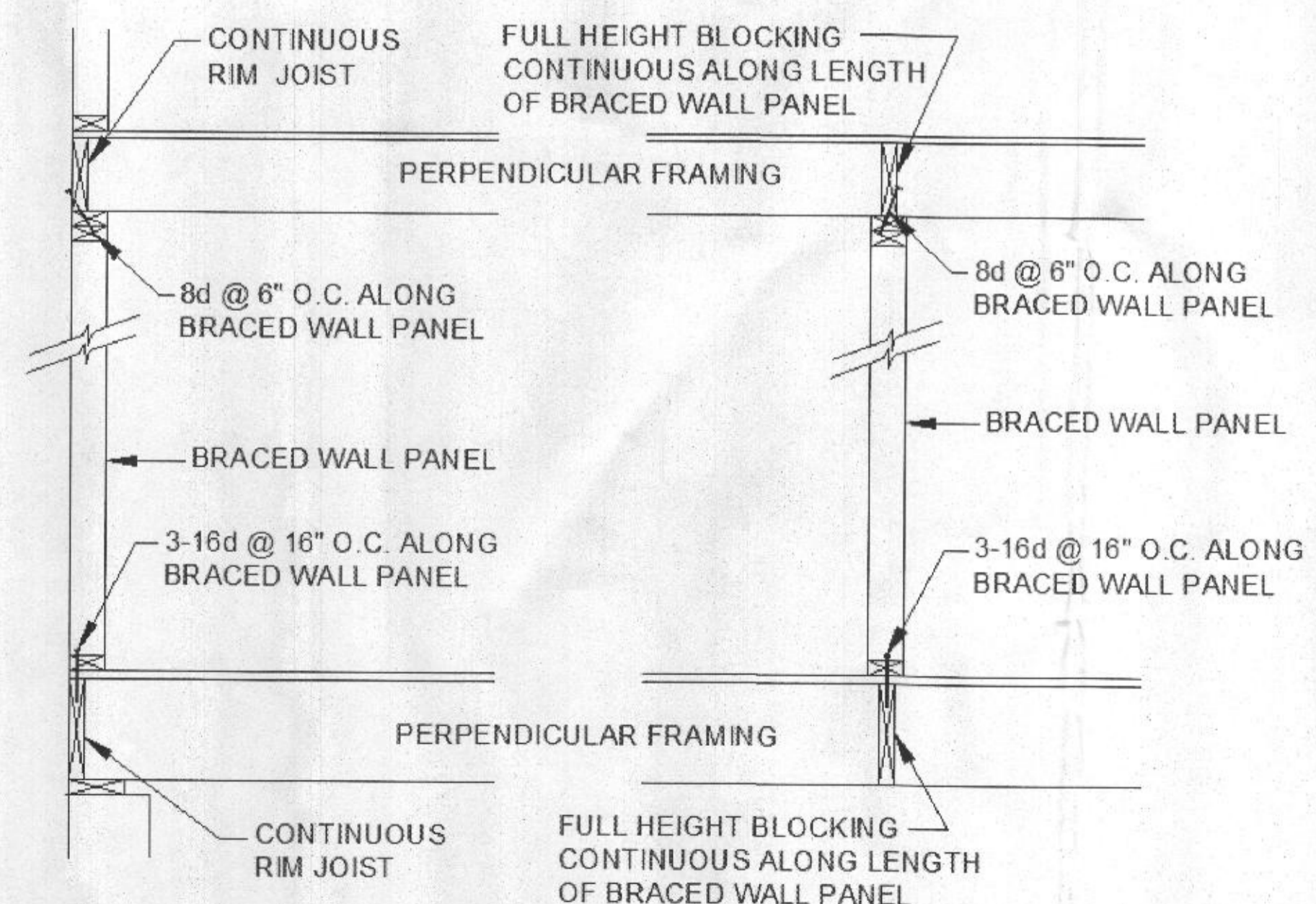
R602.10.4 CONTINUOUS SHEATHING. BRACED WALL LINES WITH CONTINUOUS SHEATHING SHALL BE CONSTRUCTED IN ACCORDANCE WITH THIS SECTION. ALL BRACED WALL LINES ALONG EXTERIOR WALLS ON THE SAME STORY SHALL BE CONTINUOUSLY SHEATHED.



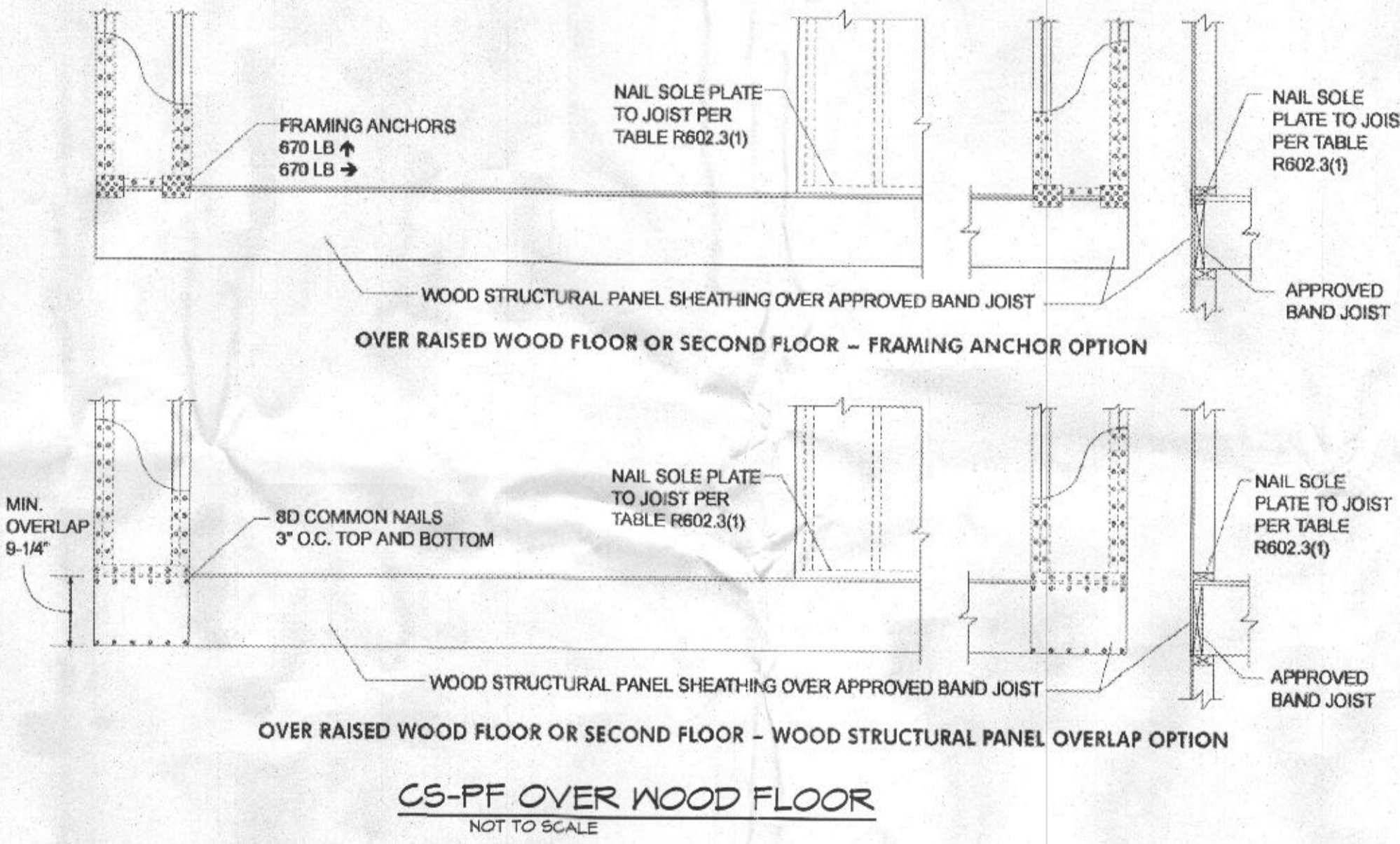
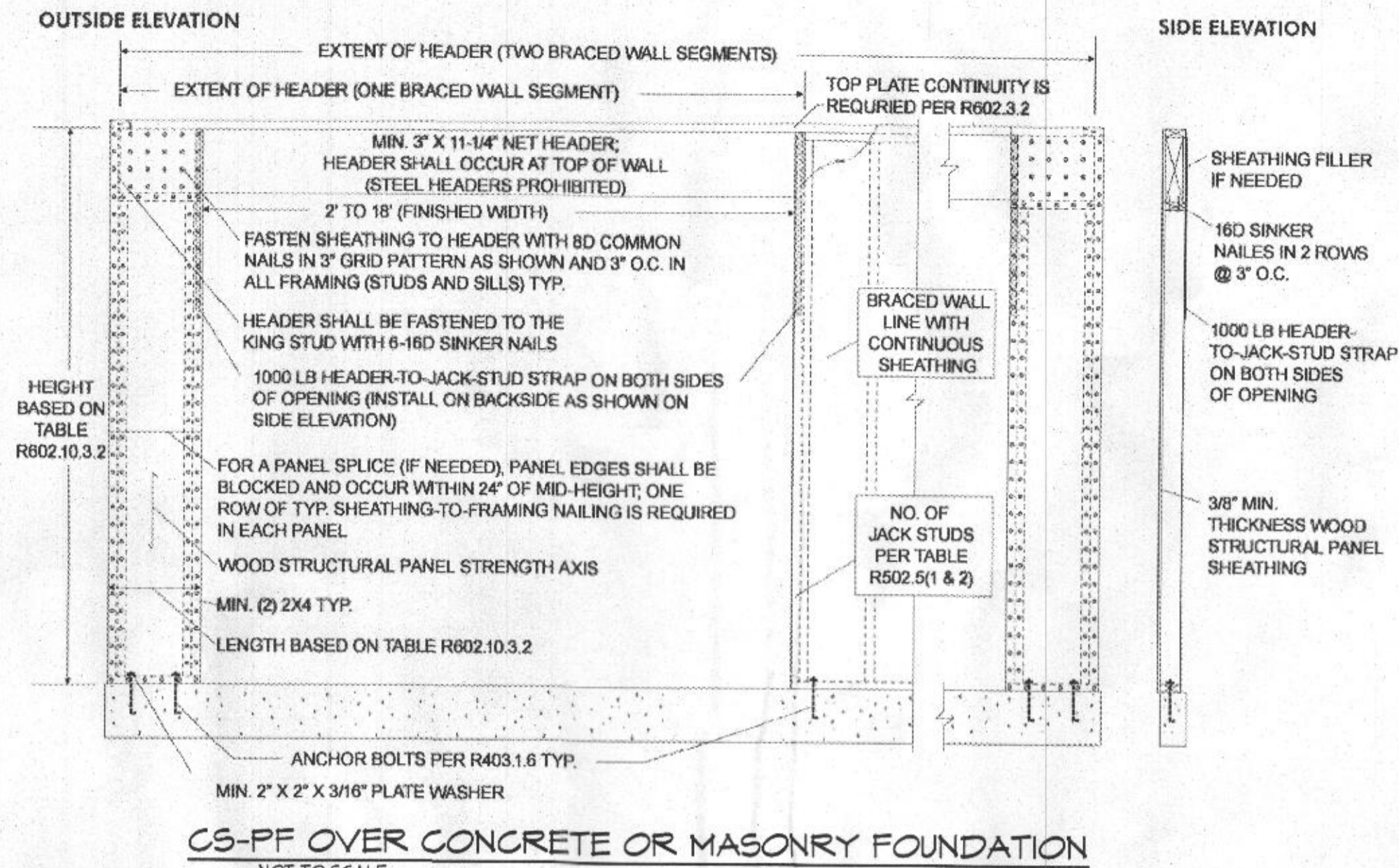
CORNER CONDITIONS
 NOT TO SCALE



PARALLEL CONNECTIONS
 NOT TO SCALE



PERPENDICULAR CONNECTIONS
 NOT TO SCALE



REMODELING & ADDITIONS TO
17034 HARDY ROAD

PROJECT ADDRESS:
 17034 HARDY ROAD
 MT. AIRY, MD, 21101
 HOWARD COUNTY, MD.

FILE: 17034-HARDY ROAD REMODEL

SCALE: 1/4" = 1'-0"
 DATE: 3/2016
 SHEET NO.: 6 OF 6

GBL CUSTOM HOME DESIGN INC.
 PO BOX 237 FINKSBURG, MD 21048
 PHONE 410-833-8320