

03

**COMPLETE THIS FORM WHEN DROPPING OFF ANY
CORRESPONDENCE AND/OR PLANS TO THE HOWARD COUNTY
DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS COUNTER:**

Date: 8/23/18

To: DAN SWINDER
(Person's Name and Division)

From: KELLI SHOCKEY (443) 955 2965
(Your Name, Company Name and Telephone Number)

Subject: Project name FARNELLA RESIDENCE **RECEIVED**
Project site address 3654 SHARP RD
Permit # B18000549 SDP # _____
Other information pertinent to this project _____ **SEP 04 2018**
PLAN REVIEW DIVISION

✓ Please check the attachments below that you are submitting with this transmittal:

- ☐ Letter of response to address plan review comment letter
- ☒ Revised plans and/or revised details: When submitting for a complete re-review, **duplicate sets shall be submitted.**
- ☐ Letter Summarizing Changes
- ☐ Energy conservation calculations
- ☒ Copies of PLOT PLAN (be specific). House type Revision
- ☐ Health Department Request ☐ DPZ/ DED Request ☒ Applicant's Request
- ☐ Two sets of single family dwelling model plans to be placed on permanent file: Model name and/or # _____
- ☒ Other CHANGE OF APPLICANT + CONTRACTOR

Contact Person Information: (Required) PER REVISED PERMIT APP

Please Print Name _____

Telephone No: _____

E-Mail Address: _____

PLEASE ASSURE ALL DOCUMENTS AND/OR REVISIONS ARE APPROPRIATELY SIGNED AND SEALED, IF NECESSARY, BY A LICENSED ARCHITECT OR ENGINEER. PLEASE BE ADVISED THAT INSUFFICIENT INFORMATION MAY RESULT IN THE DELAY OF REVIEW BY THE PLANS EXAMINER. THE DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS WILL CONTACT YOU IF THERE IS A PROBLEM. IN ADDITION, ONCE THE BUILDING PERMIT IS APPROVED BY THE PLAN REVIEW DIVISION AND ALL OTHER REQUIRED SIGNATORY AGENCIES, AND THE BUILDING PERMIT IS READY FOR ISSUANCE, THE PERMIT DIVISION WILL NOTIFY THE APPROPRIATE CONTACT PERSON FOR PERMIT PICK UP. ALL PERMIT STATUS INQUIRIES SHALL BE DIRECTED TO THE PERMIT DIVISION AT 410-313-2455. CODE RELATED QUESTIONS AND PLAN REVIEW INQUIRIES SHALL BE DIRECTED TO THE PLAN REVIEW DIVISION AT 410-313-2436. PLEASE ALLOW A MINIMUM OF FIVE (5) WORKING DAYS FOR ANY PLAN SUBMITTALS TO BE REVIEWED. THANK YOU.

Received by LH

White-Plan Review / Yellow-Applicant / Pink-Permit Division
t:\Operations\Updated forms\transmit.frm - Rev. 04/2014

INV # 546250

CK # 5713

PER APPLICANT REQUEST

21-12-193

(6)

MARYLAND COORDINATE
SYSTEM 1987

N 55°28'54"E

201.89

REVISED

Date: 8/23/18

Comments: 818000549

615.62

S 42°23'17"E

Approved Septic System Plan
Howard County Health Department

Dana Bevard 9-24-18
Signature Date

4 PR only

#3700
21-12-200

N 42°23'17"W

30'±

96'±

HOUSE
NO-TAG

HOUSE

NO-TAG

ROAD

S 21°30'33"W

SHARP

174.94'
2196.82' R

APPLEBY
COURT

#3694
21-12-149
(9)

LIMITS OF DISTURBANCE = _____ Sq. ft.

D.R.S. & ASSOCIATES
LAND DESIGN CONSULTANTS
52 WINTERS STREET
WESTMINSTER, MARYLAND 21157
410-848-4060 410-876-6040
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SITE PLAN
NICHOLAS O SHARP PORPERTY
MAP 21 BLOCK 12 PARCEL 200 LOT 4

ON SHARP RD NEAR GLENWOOD
4TH ELECTION DISTRICT HOWARD COUNTY MARYLAND

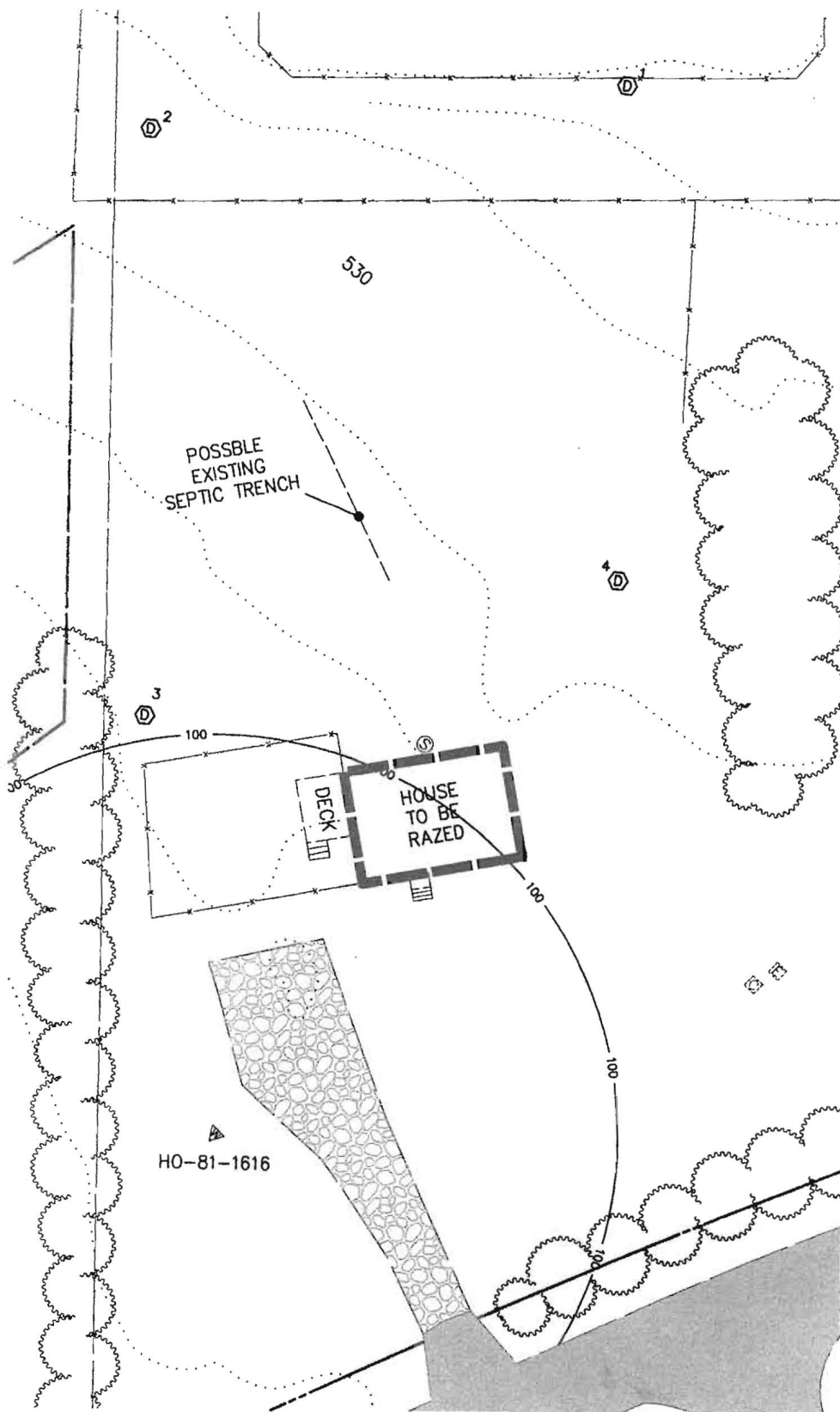
DATE: 2018-08-14

SCALE: 1" = 100'

DWG. ST01-01

SHEET 1 OF 2

I:\CAD\03339\97421\ST01-01.DWG, Sh01Map, 2018-08-15 8:19:18 AM, jfs



R312.2 WINDOW FALL PROTECTION
WHERE THE TOP OF THE WINDOW SILL OF AN OPERABLE WINDOW OPENING IS LOCATED LESS THAN 24" ABOVE FINISHED FLOOR AND GREATER THAN 72" ABOVE THE FINISHED GRADE OR OTHER SURFACES BELOW ON THE EXTERIOR OF THE BUILDING, THE OPERABLE WINDOW SHALL COMPLY WITH:
1. OPERABLE WINDOW WITH OPENINGS THAT WILL NOT ALLOW A 4" SPHERE TO PASS THROUGH THE OPENING WHERE IS IN ITS LARGEST OPENED POSITION.
2. OPERABLE WINDOWS THAT ARE PROVIDED WITH WINDOW FALL PREVENTION DEVICES THAT COMPLY WITH ASTM F 2090.
3. OPERABLE WINDOWS THAT ARE PROVIDED WITH WINDOW OPENING CONTROL DEVICES THAT COMPLY WITH SECTION R312.2.2.

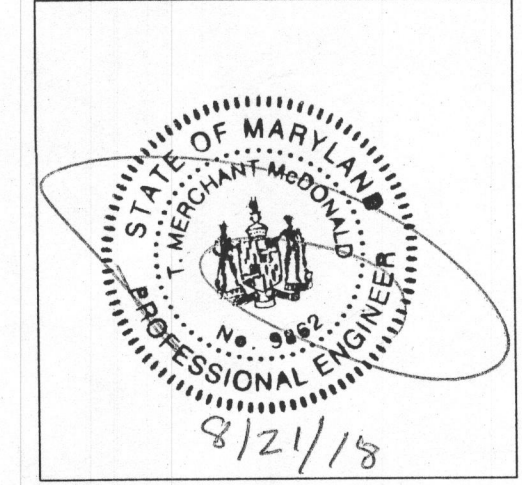
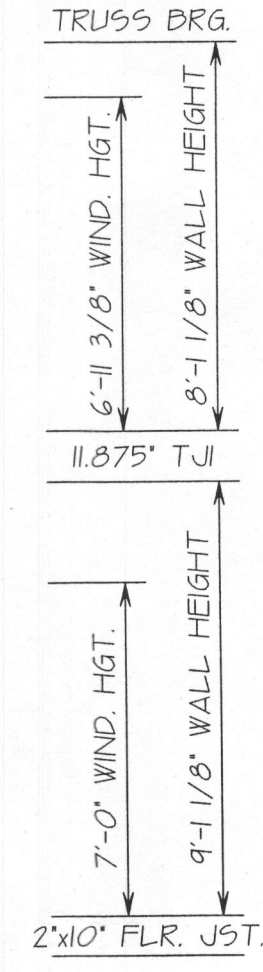


FRONT ELEVATION

SCALE: 1/4" = 1' 0"



RIGHT SIDE ELEVATION



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240-439-9518

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CREATIVE OUTLOOKS, LLC
PHILIP F. GUGLIUZZA

CUSTOM HOME PLANNING & DESIGN
HOME ADDITION/REMODELING DESIGN
COMPLETE CONSTRUCTION PLANS

PHONE: 410-596-1062

PGCREAT@GMAIL.COM

PROJECT FOR:
GRABOSKI RESIDENCE
3654 SHARP RD.
GLENWOOD, MARYLAND 21738

REVISED 8-20-2018 FRONT LOAD GARAGE @ 22'-0" WIDE

DATE: JULY 25, 2018
SCALE: 1/4" = 1'-0"
FILE NAME: ANG-FP
DRAWN BY: P. GUGLIUZZA

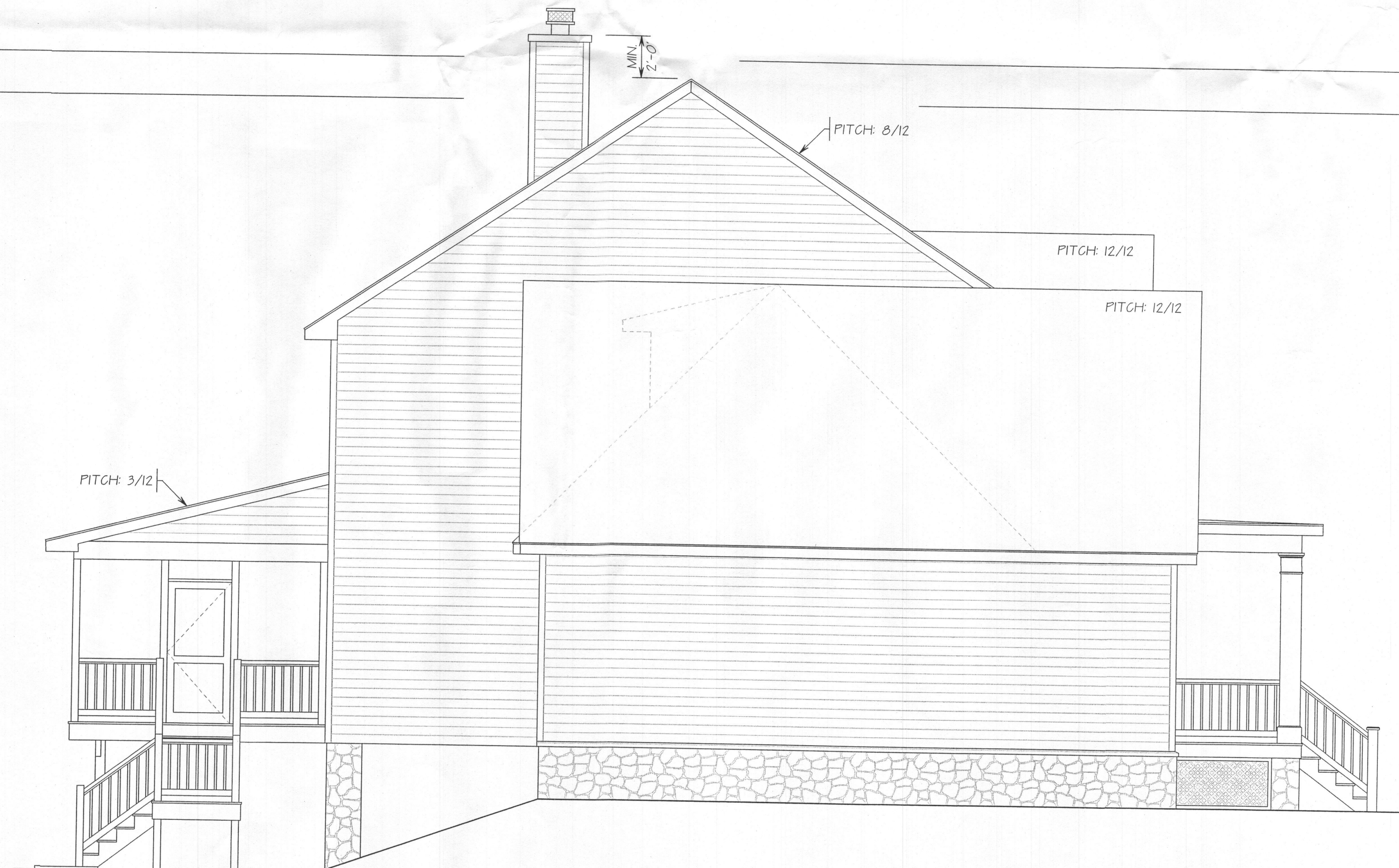
SHEET No.

1 of 11

SCALE: 1/4" = 1' 0"



REAR ELEVATION



LEFT SIDE ELEVATION

REVISED 8-20-2018 FRONT LOAD GARAGE @ 22'-0" WIDE

PROJECT FOR REAR & LEFT SIDE ELEVATION

GRABOSKI RESIDENCE
3654 SHARP RD.
GLENWOOD, MARYLAND 21738

DATE JULY 25, 2018 SCALE 1/4" = 1'-0" DRAWN BY P. GUGLIUZZA

CREATIVE OUTLOOKS, LLC

PHILIP F. GUGLIUZZA

CUSTOM HOME PLANNING & DESIGN
HOME ADDITION-REMODELING DESIGN
COMPLETE CONSTRUCTION PLANS

PHONE: 410-546-1062 PGCREATE@GMAIL.COM

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SCALE: 1/4" = 1' 0"

SHEET No.

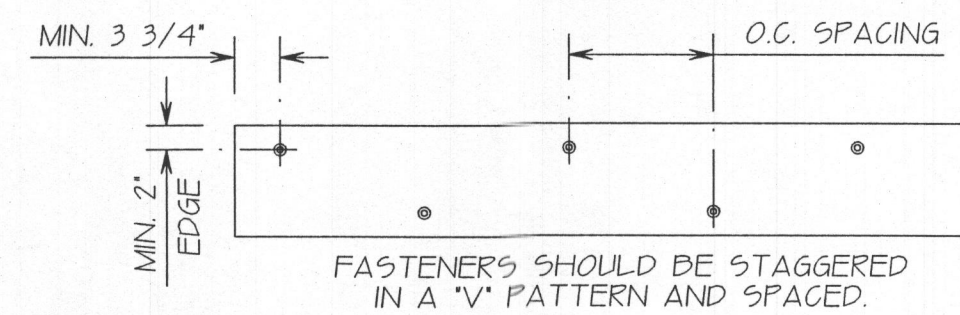
2 of 11

JOIST DETAIL 'A'

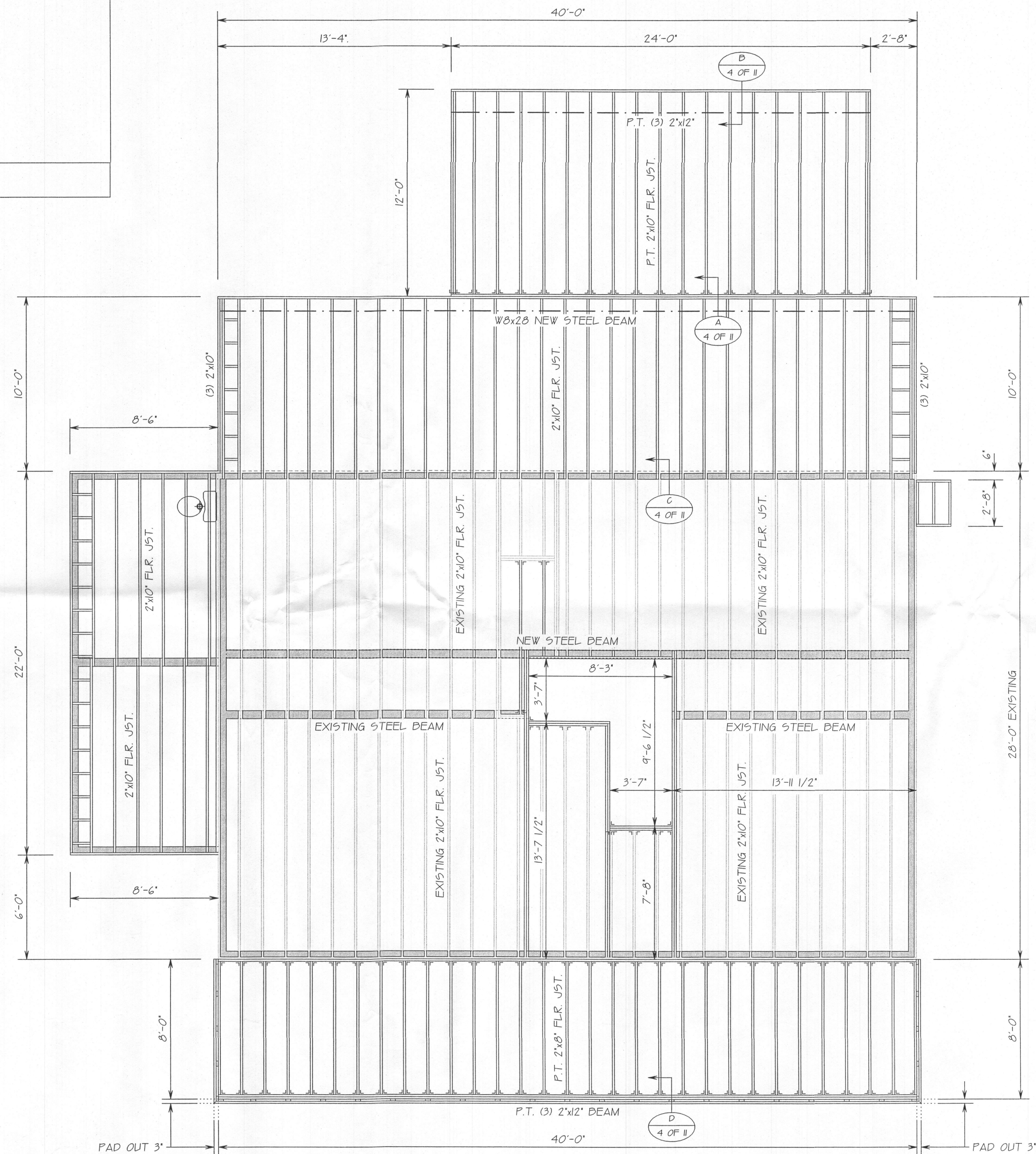
JOIST DETAIL 'B'

JOIST DETAIL 'C'

JOIST DETAIL 'D'



LIVE LOAD	RIM BD. MATERIAL	SPACING BETWEEN FASTENERS (INCHES) BASED ON JOIST SPANS OF:						
		6' OR LESS	UP TO 8'	UP TO 10'	UP TO 12'	UP TO 14'	UP TO 16'	UP TO 18'
40 psf	2x LUMBER	24"	18"	14"	12"	10"	9"	8"
	LVL	25"	19"	15"	12"	10"	9"	8"



NOTE:

1. OPENING GREATER THAN 4'-0" REQUIRED DOUBLE 2"x6" JACK STUDS AT EACH END.
2. FLOOR JOIST MANUFACTURER SHALL VERIFY LAYOUT & SERIES FOR ALL SPANS.

FIRST FLOOR FRAMING LAYOUT

GRABOSKI RESIDENCE
3654 SHARP RD.
GLENWOOD, MARYLAND 21738

DATE	JULY 25, 2018	SCALE	1/4" = 1'-0"	FILE NAME	ANG-FP	DRAWN BY:	P. GUGLIUZZA
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CREATIVE OUTLOOKS, LLC
PHILIPPE GIGLIUZZA

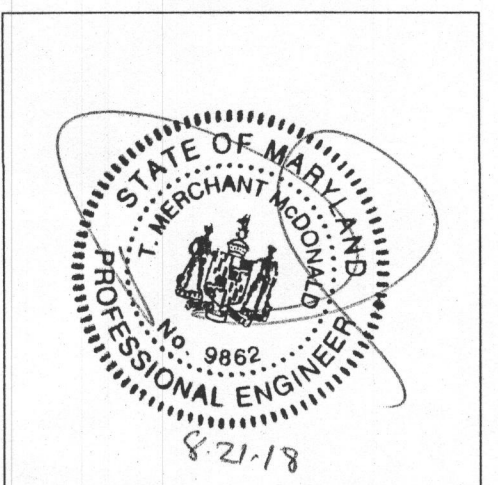
0777-9176000 : 117111

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HOME ADDITION-REMODELING DESIGN
COMPLETE CONSTRUCTION PLANS

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PGCREATE@QIS.NET

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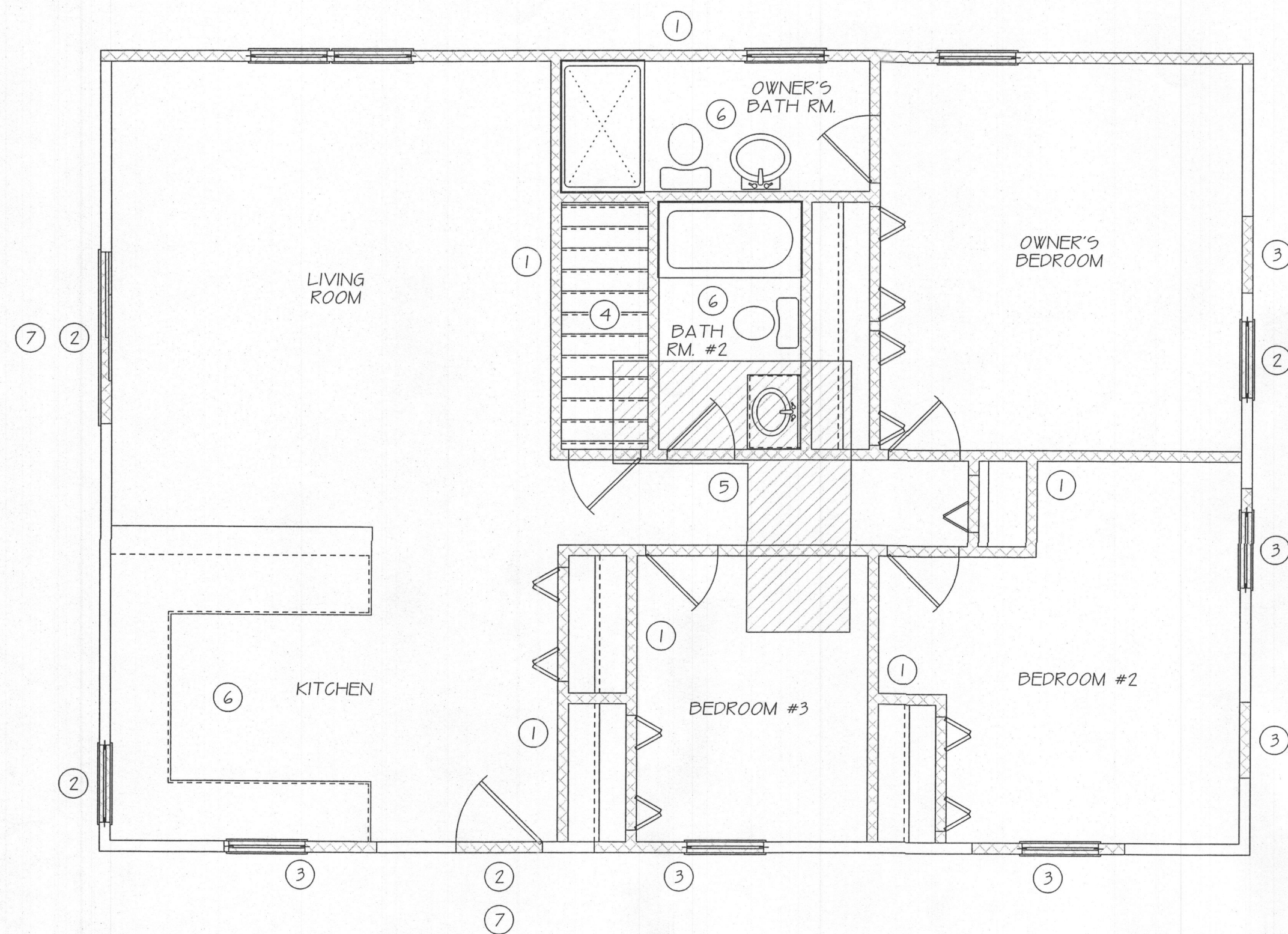
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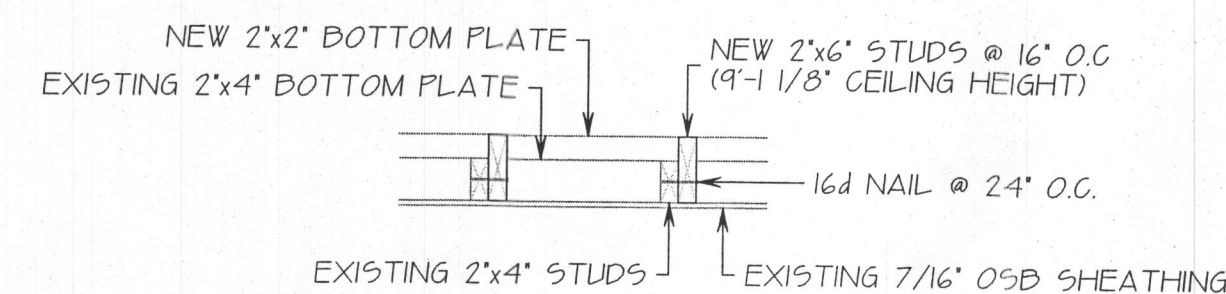
SHEET No.

4 of 11

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



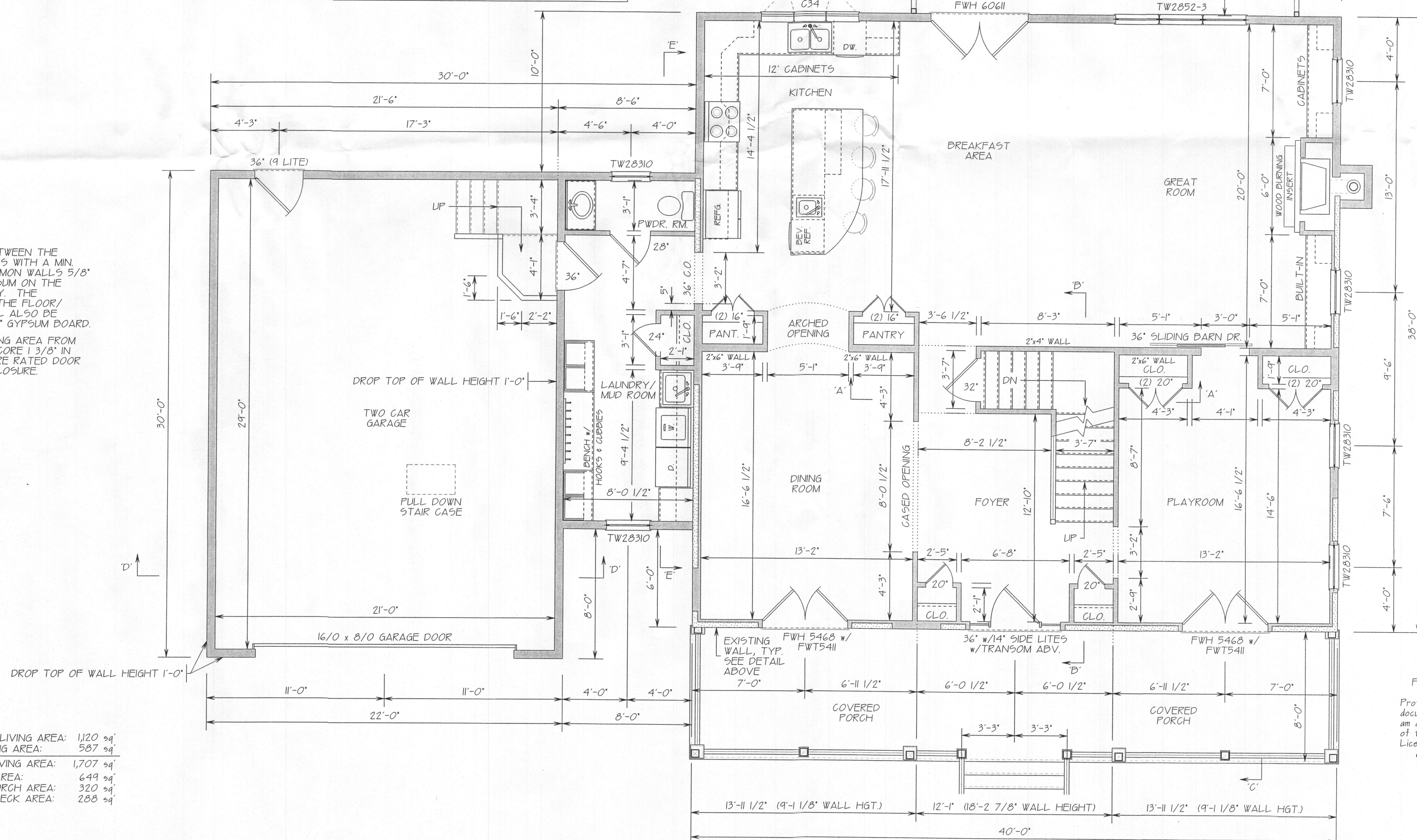
- ① REMOVE WALL, DOORS & WINDOWS
- ② REMOVE WINDOW/DOOR, FRAME-IN
- ③ REMOVE WALL, NEW DOOR/WINDOW OPENING
- ④ REMOVE STAIRCASE, FRAME-IN OPENING
- ⑤ REMOVE FLOOR FRAMING, NEW STAIRCASE OPENING
- ⑥ REMOVE ALL PLUMBING, CABINETS & APPLIANCES
- ⑦ REMOVE PRESSURE TREATED DECK



- NOTE:
1. CARBON MONOXIDE ALARMS REQUIRED FOR DWELLINGS THAT USE FOSSIL FUELS
 2. EXTERIOR DIMENSIONS ARE FROM OUTSIDE OF WALL SHEATHING (6" THICKNESS)
 3. INTERIOR DIMENSIONS ARE FROM FACE OF STUDS (3 1/2" OR 5 1/2" THICKNESS)
 4. INTERIOR DOORS ARE SHOWN 4" FROM ADJACENT WALL

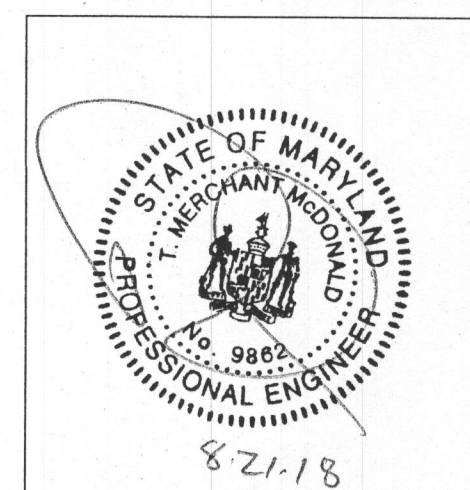
EXISTING FIRST LEVEL FLOOR PLAN

- NOTE:
1. PROVIDE SEPARATION BETWEEN THE GARAGE AND LIVING AREAS WITH A MIN. 1/2" GYPSUM ON THE COMMON WALLS 5/8" TYPE-X FIRE RATED GYPSUM ON THE FLOOR/CEILING ASSEMBLY. THE STRUCTURE SUPPORTING THE FLOOR/CEILING ASSEMBLY SHALL ALSO BE PROTECTED BY A MIN. 1/2" GYPSUM BOARD.
 2. DOOR LEADING INTO LIVING AREA FROM GARAGE MUST BE SOLID CORE 1 3/8" IN THICKNESS OR 20 MIN. FIRE RATED DOOR WITH AUTOMATIC DOOR CLOSURE.



EXISTING LIVING AREA: 1,120 sq'
 NEW LIVING AREA: 587 sq'
 TOTAL LIVING AREA: 1,707 sq'
 GARAGE AREA: 649 sq'
 FRONT PORCH AREA: 320 sq'
 SCREEN DECK AREA: 288 sq'

FIRST LEVEL FLOOR PLAN



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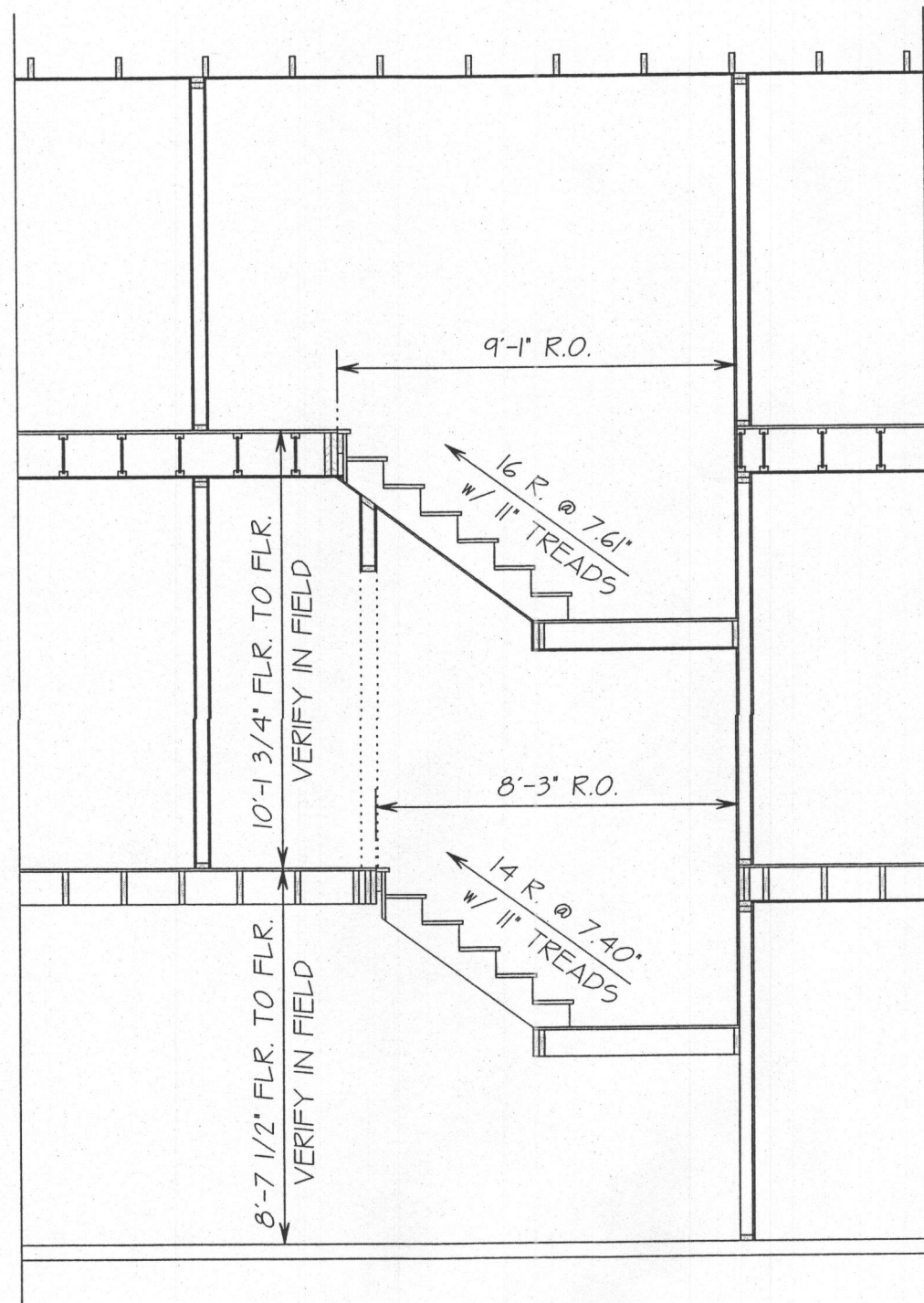
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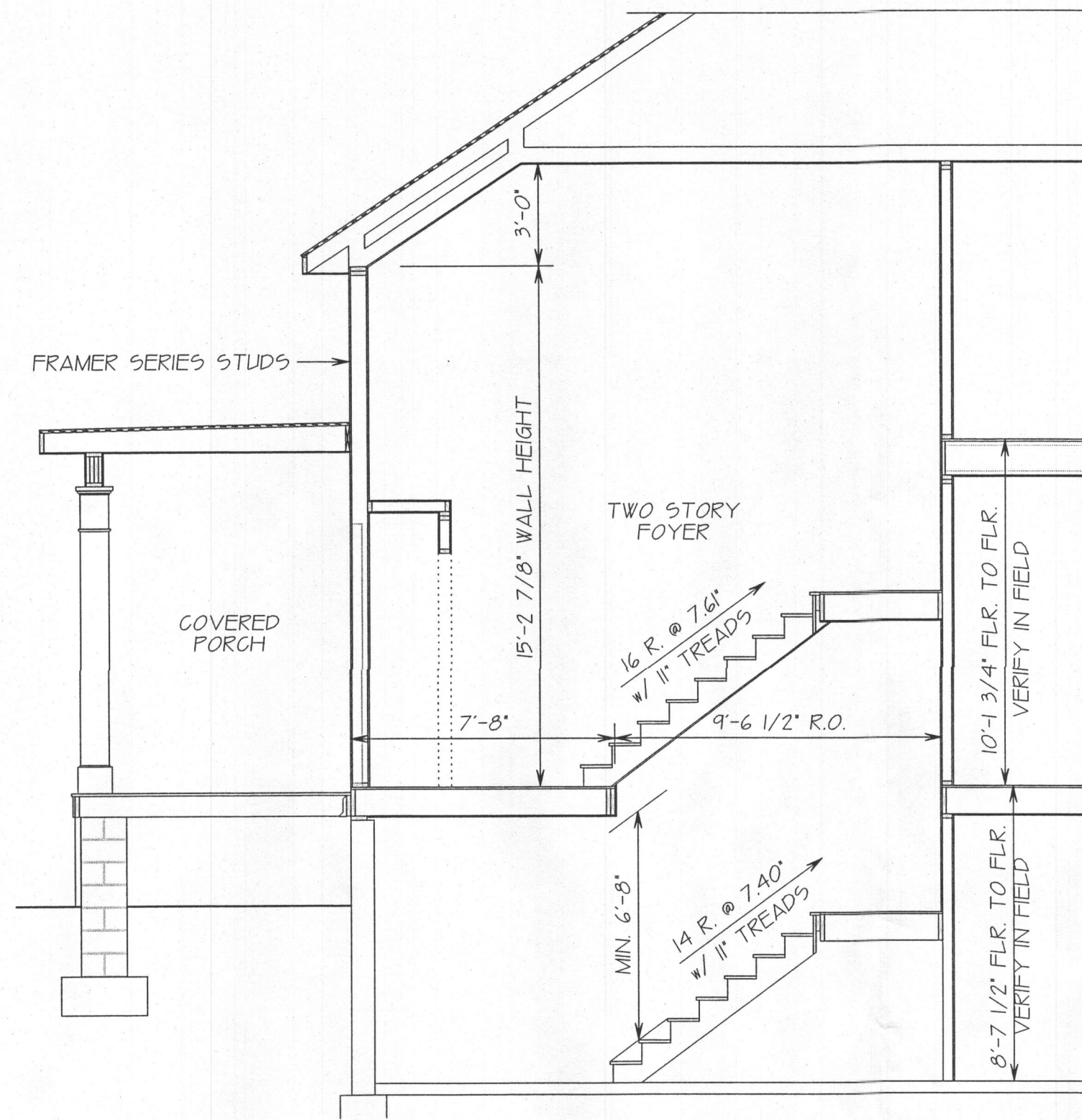
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 PFGCREATOR@GMAIL.COM

PROJECT FOR:
GRABOSKI RESIDENCE
 3654 SHARP RD.
 GLENWOOD, MARYLAND 21738
 DATE: JULY 25, 2018
 SCALE: 1/4" = 1'-0"
 DRAWN BY: P. GUGLIUZZA
 ANGLE: ANG-FP
 EXISTING & NEW FIRST LEVEL FLOOR PLAN
 REVISED 8-20-2018 FRONT LOAD GARAGE @ 22'-0" WIDE

SHEET No.
 5 of 11



STAIR SECTION 'A-A'

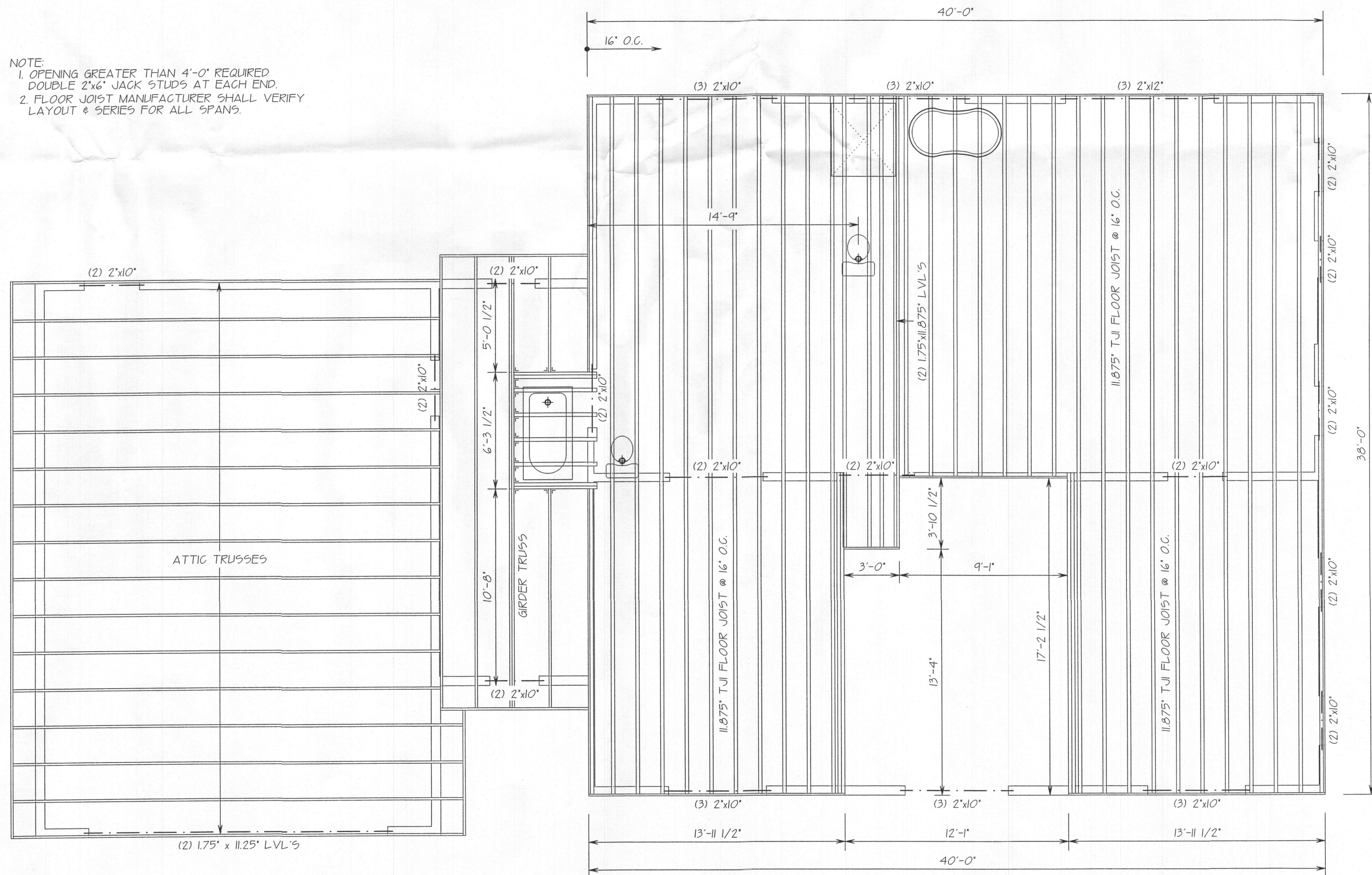


STAIR SECTION 'B-B'

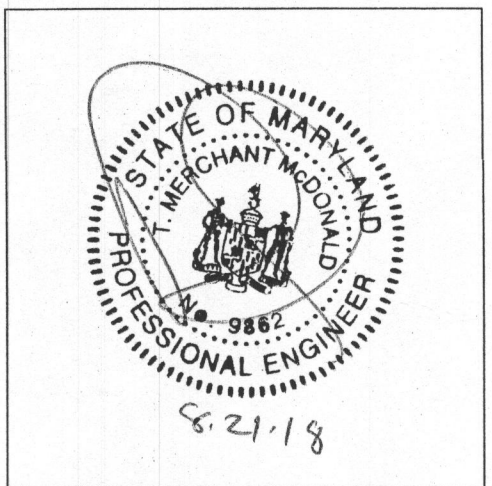
FASTENING SCHEDULE	
1. JOISTS TO SILL OR GIRDER	(3) 8d COMMON (0.131" DIA.x2 1/2"), TOENAIL
2. BRIDGING TO JOIST	(2) 8d COMMON, TOE NAIL EACH END
3. SOLE PLATE TO JOISTS OR BLOCKING	16d NAILS @ 16"o.c.
4. TOP PLATE TO STUD	(2) 16d COMMON (0.162" DIA.x3 1/2") END NAILS
5. STUD TO SOLE PLATE	(4) 8d COMMON OR (2) 16d COMMON
6. DOUBLE STUDS	16d @ 24"o.c.
7. DOUBLE TOP PLATE	16d @ 16"o.c.
8. BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE	(3) 8d COMMON, TOENAIL
9. RIM JOISTS TO TOP PLATE	8d @ 6"o.c.
10. TOP PLATE, LAPS AND INTERSECTIONS	(2) 16d COMMON
11. CONTINUOUS HEADER, TWO PIECES	16d COMMON @ 16"o.c.
12. CONTINUOUS HEADER TO STUD	(4) 8d COMMON, TOENAIL
13. RAFTER TO TOP PLATE	(3) 8d COMMON, TOENAIL
14. BUILT UP CORNER STUDS	16d @ 16"o.c.
15. BUILT UP GIRDER AND BEAMS	20d @ 24"o.c., FACE NAIL AT TOP AND BOTTOM STAGGERED ON OPPOSITE SIDES, UNLESS NOTED ON DWG'S TO BE THROUGH BOLTED
16. COLLAR TIES TO RAFTER	(4) 12d FACE NAIL
17. JACK RAFTER TO HIP	(3) 10d COMMON, TOENAIL
18. ROOF RAFTER TO SINGLE 2x RIDGE BEAM	(2) 16d COMMON, TOENAIL
19. ROOF RAFTER TO RIDGE BEAM	JOIST HANGERS, MINIMUM 500 LB. SHEAR CAPACITY
20. JOIST TO RIBBON BOARD	(3) 16d, FACE NAIL
21. CORNER STUDS	16d COMMON 12"o.c. FACE NAIL
22. WOOD STRUCTURAL WALL PANEL SHEATHING	16d COMMON @ 6"o.c. INTO TOP PLATE, 8d COMMON @ 6"o.c. AT ALL EDGES AND 12"o.c. AT ALL OTHER LOCATIONS
23. PLYWOOD OR OSB DECKING LOCATIONS	6d COMMON @ 6"o.c. AT EDGES, 12"o.c. AT ALL OTHER LOCATIONS

FASTENING SCHEDULE

NOTE:
1. OPENING GREATER THAN 4'-0" REQUIRED
DOUBLE 2"x6" JACK STUDS AT EACH END.
2. FLOOR JOIST MANUFACTURER SHALL VERIFY
LAYOUT & SERIES FOR ALL SPANS.



SECOND FLOOR FRAMING LAYOUT



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SHEET No.

6 of 11

SCALE: 1/4" = 1' 0"

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GRABOSKI RESIDENCE
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DATE: JULY 25, 2018
SCALE: 1/4" = 1'-0"
PAGE: 11
DRAWN BY: P. GUGLIZZA

REVISED 8-20-2018 FRONT LOAD GARAGE @ 22'-0" WIDE

SECOND FLOOR FRAMING LAYOUT & SECTION 'A-A' & 'B-B'

STABILITY
THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE BUILDING IS FULLY COMPLETED. CONSTRUCTION MEANS & METHODS ARE SOLELY THE CONTRACTOR'S RESPONSIBILITY. THE CONTRACTOR MUST DETERMINE ERECTION PROCEDURE AND SEQUENCE, WHICH WILL ENSURE THE STABILITY OF THE BUILDING, ITS COMPONENT PARTS, AND TEMPORARY OR INCOMPLETE CONNECTIONS DURING ERECTION, INCLUDING THE ADDITION OF ANY SHORING, SHEETING, TEMPORARY GUYS, BRACING, TIEDOWNS, ETC. THAT MAY BE NECESSARY. SUCH MATERIAL AND METHODS ARE NOT SHOWN IN THE CONTRACT DRAWINGS OR SPECIFICATIONS AND IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.
NO SUBSURFACE INVESTIGATIONS HAVE BEEN PERFORMED TO DETERMINE THE PRESENCE OF ROCK, GROUNDWATER, UTILITIES OR OTHER CONDITIONS CONCERNING SOILS OR VARIATIONS IN SOIL PROPERTIES. CONTRACTOR SHALL VERIFY/EXPLORE PRIOR TO CONSTRUCTION.

FOUNDATIONS
BOTTOM OF ALL EXTERIOR FOOTINGS SHALL BE 2'-6" MINIMUM BELOW FINISHED GRADE. A BEARING CAPACITY OF 2,000 PSF FOR FOOTING DESIGN, AND AN EQUIVALENT FLUID PRESSURE OF 60 PCF FOR RETAINING WALL DESIGN, HAS BEEN ASSUMED. IF SOIL OR THIS CAPACITY IS NOT ENCOUNTERED AT ELEVATIONS INDICATED ON PLAN, FOOTINGS SHALL BE INCREASED IN SIZE OR LOWERED AS DIRECTED BY THE STRUCTURAL ENGINEER. ELEVATIONS INDICATED ON PLAN ARE TO TOP OF FOOTINGS; ADJUST AS REQUIRED TO MEET MASONRY COURSE LINES. ALL FOOTINGS SHALL BE STEPPED AS REQUIRED TO PASS UNDER MECHANICAL PIPING. PROVIDE PIPE SLEEVES OF APPROPRIATE SIZE AND MATERIAL FOR ALL PIPES PASSING THROUGH FOUNDATION WALLS.
THE PLACING OF COMPACTED FILL MATERIAL AND EQUIPMENT USED FOR CONSTRUCTION SHALL BE SUPERVISED AND APPROVED BY A GEOTECHNICAL ENGINEER. ALL FILL SHALL BE PLACED IN 8" LIFTS AND COMPACTED TO 95% MAXIMUM DENSITY AT OPTIMUM MOISTURE CONTENT, AS DETERMINED BY ASTM D 698.

CAST IN PLACE CONCRETE AND REINFORCING

1. BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318-02)
2. SPECIFICATIONS FOR STRUCTURAL CONCRETE (ACI 301)
3. DETAILS AND DETAILING OF CONCRETE REINFORCEMENT (ACI 315)
4. MANUAL OF STANDARD PRACTICE (ACI 310)
5. ACI DETAILING MANUAL (ACI 318-02)
6. STANDARD SPECIFICATIONS FOR TOLERANCES FOR CONCRETE CONSTRUCTION (ACI 310.1)
7. CHEMICAL ADMIXTURES FOR CONCRETE (ACI 212.3)
8. HOT WEATHER CONCRETING (ACI 305)
9. COLD WEATHER CONCRETING (ACI 306)
10. STANDARD SPECIFICATIONS FOR CURING CONCRETE (ACI 308.1)
11. GUIDE TO FORMWORK FOR CONCRETE (ACI 347)

UNLESS NOTED CONCRETE SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH (F_c) -3,000 PSI, MAXIMUM W/C -0.55
EXPOSED TO WEATHER, EXTERIOR CONCRETE -4,000 PSI, AIR-ENTRAINED, MAXIMUM W/C -0.50

WATER/CEMENT INDICATED IS WATER/ACTUAL WEIGHT OF PORTLAND CEMENT TYPE I IN THE CEMENTITIOUS MATERIAL (NOT THE TOTAL WEIGHT OF FLYASH, BLAST FURNACE SLAG CEMENT ETC.)

CONCRETE MATERIALS:

REINFORCING - ASTM A 615, GRADE 60 DEFORMED.
WELDED WIRE FABRIC - ASTM A 185.
SPICE LAPS FOR ALL REINFORCING SHALL BE CLASS 'B' SPICE.
CEMENT - ASTM C 150, TYPE I OR III.
FLY ASH - ASTM C 618, IF USED MAXIMUM 25% BY WEIGHT.
GROUND GRANULATED BLAST FURNACE SLAGS - ASTM C 684, MAX. 25% BY WEIGHT.
AGGREGATES - ASTM C 33, ACI 304, ACI 211.
COARSE AGGREGATE - SIZE #67.
COARSE AGGREGATE FOR TOPPING SLABS, MASONRY FILL & CONCRETE FILL 3" AND LESS IN THICKNESS SHALL BE 1/2" MAXIMUM.
EXTERIOR CONCRETE SHALL BE AIR ENTRAINED 4%-6%.
ALL CONCRETE, EXCEPT CONCRETE USED FOR FOUNDATIONS, SHALL CONTAIN WATER REDUCING ADMIXTURE.
EDGES OF VAPOR BARRIER SHALL BE LAPPED MINIMUM 6" AND TAPED.
CONTRACTOR SHALL SUBMIT DESIGN MIX FOR ALL CLASSES OF CONCRETE PRIOR TO PLACING ANY CONCRETE.
CONTRACTOR SHALL SUBMIT SHOP DRAWINGS INDICATING THE SIZE, TYPE AND LOCATIONS OF CONSTRUCTION AND CONTROL JOINTS IN SLABS AND WALLS.

MASONRY

MASONRY WORK SHALL COMPLY WITH THE FOLLOWING STANDARDS:
1. BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES (ACI 530.2/ASCE 6)
2. SPECIFICATION FOR MASONRY STRUCTURES (ACI 530.1-02)

MASONRY MATERIAL:

CONCRETE MASONRY UNITS, ASTM C 90.
CONCRETE MASONRY UNITS SHALL HAVE MINIMUM COMPRESSIVE STRENGTH OF 1,900 PSI AND A MINIMUM PRISM STRENGTH OF F_m - 1,500 PSI.
BRICK UNITS, ASTM SPECIFICATION C 216.
MORTAR, ASTM C 270.
MASONRY VENEER, TYPE N.

MASONRY MATERIAL:

ALL OTHER MASONRY, TYPE S.
GROUT, ASTM C 476, F_m -2,000 PSI.
JOINT REINFORCING, ASTM A 951.
SHEET METAL ANCHORS AND TIES, ASTM A 366.
WIRE ANCHORS AND TIES, ASTM A 32.
CONTRACTOR SHALL DESIGN, PROVIDE AND INSTALL WALL BRACING THAT WILL ASSURE STABILITY OF ALL MASONRY DURING CONSTRUCTION.
ALL MASONRY WALLS SHALL BE CONTINUALLY REINFORCED WITH TRUSS TYPE REINFORCING. DUE TO WALL AT 16" MAXIMUM O.C. VERTICALLY (UNLESS OTHERWISE NOTED ON DRAWINGS) PLUS EXTRA PIECES IMMEDIATELY ABOVE AND BELOW ALL OPENINGS. THESE ADDED PIECES SHALL EXTEND 2'-0" MINIMUM BEYOND EDGE OF OPENING.
ALL SPLICES IN REINFORCEMENT SHALL BE LAPPED 6" MINIMUM AND ALL INTERSECTIONS OF WALLS AND CORNERS SHALL BE PROVIDED WITH REINFORCED MASONRY WALLS SHALL HAVE CELLS FILLED SOLID WITH PEA GRAVEL CONCRETE IN FOUR COURSE MAXIMUM LIFTS. PROVIDE HOLES IN BOTTOM PORTION OF EACH LIFT OF WALL TO INSURE WALL IS FILLED SOLID. PROVIDE CONTROL JOINTS IN ALL MASONRY WALLS AT 30'-0" ON CENTER MAXIMUM.
SPICE LAPS FOR MASONRY REINFORCEMENT SHALL BE 48 BAR DIAMETERS, UNLESS NOTED.

STRUCTURAL STEEL

FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO AISC SPECIFICATIONS AND AWS D1.
WIDE FLANGE SHAPES, ASTM A 992 (F_y -50 KSI).
PIPE STEEL, ASTM A 53, GRADE B (F_y -35 KSI).
FLATE BARS, ANGLE, CHANNEL, ASTM A 36 (F_y -36 KSI).
STRUCTURAL BOLTS, ASTM A 325, NUTS, ASTM A 563, WASHERS, ASTM F 436.
WELDING ELECTRODES: E70XX.
HIGH STRENGTH BOLTS: ASTM A 325.
ANCHOR BOLTS: ASTM A 307.
BASE PLATE AND BEARING PLATE GROUT, ASTM C 1017, NON-METALLIC, NON-SHRINK.
SHEAR STUD CONNECTORS: ASTM A 108, GRADE 105 OR 1020.
GALVANIZING OF STRUCTURAL STEEL: ASTM A 123 AND ASTM A 153 FOR HARDWARE (SURFACE PREPARATION PER SSPC, SP-6).
SHOP COAT ALL STRUCTURAL STEEL WITH APPROVED PRIMER, UNLESS NOTED.
BEAM CONNECTIONS SHALL BE DESIGNED TO SUPPORT 50% DEAM WEB SHEAR CAPACITY PER AISC, UNLESS NOTED.

WOOD FRAMING

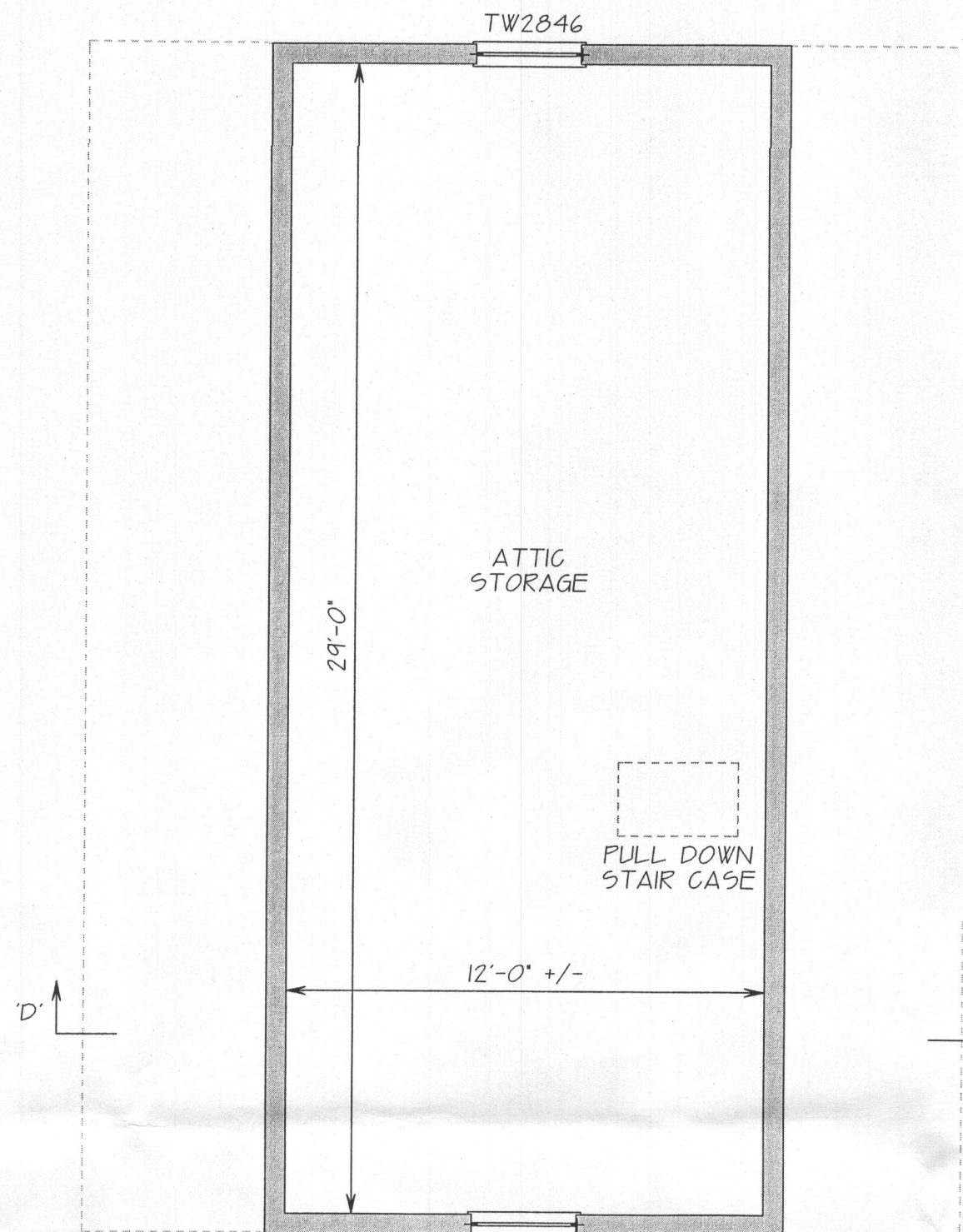
ALL STRUCTURAL TIMBER SHALL CONFORM TO THE REQUIREMENTS OF THE 'TIMBER CONSTRUCTION MANUAL', PREPARED BY THE AMERICAN INSTITUTE OF WOOD CONSTRUCTION.
WOOD SHALL BE SOUTHERN PINE OR DOUGLAS FIR, WITH A MINIMUM F_b - 1,000 PSI AND E - 1,400,000 PSI.
PLYWOOD FLOOR DECK SHALL BE TONGUE AND GROOVE, APA RATED STURDI FLOOR WITH A SPAN RATING OF 24/16, EXPOSURE 1.
PLYWOOD ROOF SHEATHING SHALL BE APA RATED SHEATHING 32/16, EXPOSURE 1.
USE MINIMUM PLYWOOD THICKNESS AS SPECIFIED ON DRAWINGS.
ALL MICROLAMS (ML) SHOWN ON THESE DRAWINGS SHALL CONFORM TO TRUSS JOIST CORPORATION'S SPECIFICATIONS.
LVL (MICROLAM - LAMINATED VENEER LUMBER) SHALL HAVE A MINIMUM F_b -2,600 PSI, E -1,400,000 PSI AND F_b -285 PSI.
ALL CORNERS SHALL BE GALVANIZED AND AS MANUFACTURED BY TEGO OR APPROVED EQUAL AND SHALL BE THE TYPE AS RECOMMENDED BY THE MANUFACTURER FOR THE INTENDED USAGE UNLESS OTHERWISE NOTED ON THE DRAWINGS.
UNLESS NOTED ALL FASTENERS USED FOR FIRE-RETARDANT-TREATED WOOD (FRT LUMBER, INCLUDING SHEATHING) SHALL BE HOT DIPPED ZINC COATED GALVANIZED (OR STAINLESS STEEL) IN ACCORDANCE WITH ASTM A153.

INSPECTION

AN INDEPENDENT INSPECTION AGENCY, SHALL BE RETAINED AND PAID FOR BY THE CONTRACTOR TO INSPECT/MONITOR/TEST THE ITEMS LISTED BELOW. CONTRACTOR SHALL COMPLY AND PERFORM INSPECTION IN ACCORDANCE WITH THE REQUIREMENTS OF 166 2009, CHAPTER 17, STRUCTURAL TESTS, AND SPECIAL INSPECTION TABLES 1704.3, TABLE 1704.4 AND TABLE 1704.5/1704.5.3 AND TABLE 1704.7.
1. EARTHWORK OPERATIONS INCLUDING VERIFICATION OF SOIL BEARING CAPACITY.
2. CAST IN PLACE CONCRETE.
3. STRUCTURAL STEEL.
4. WOOD FLOOR FRAMING.

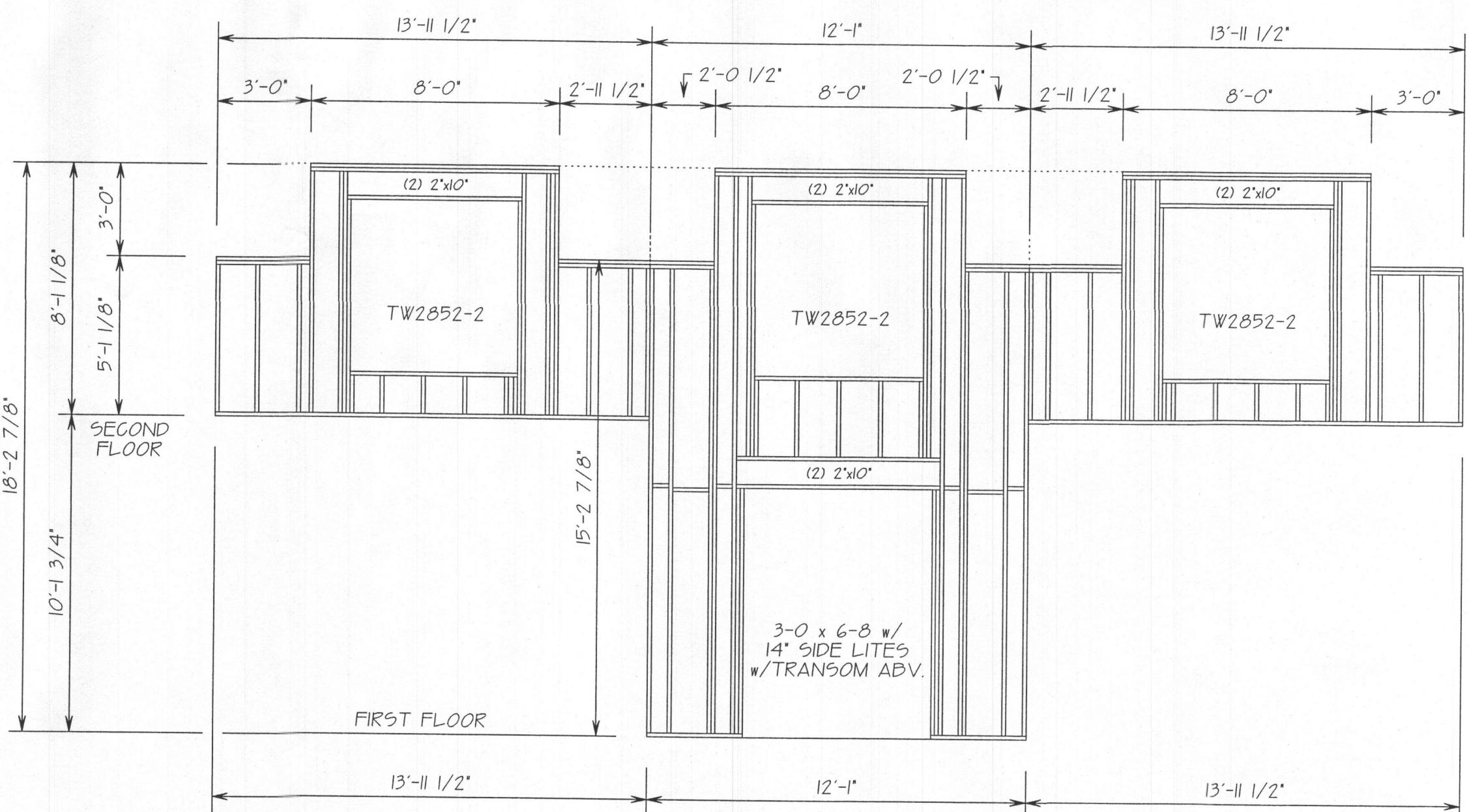
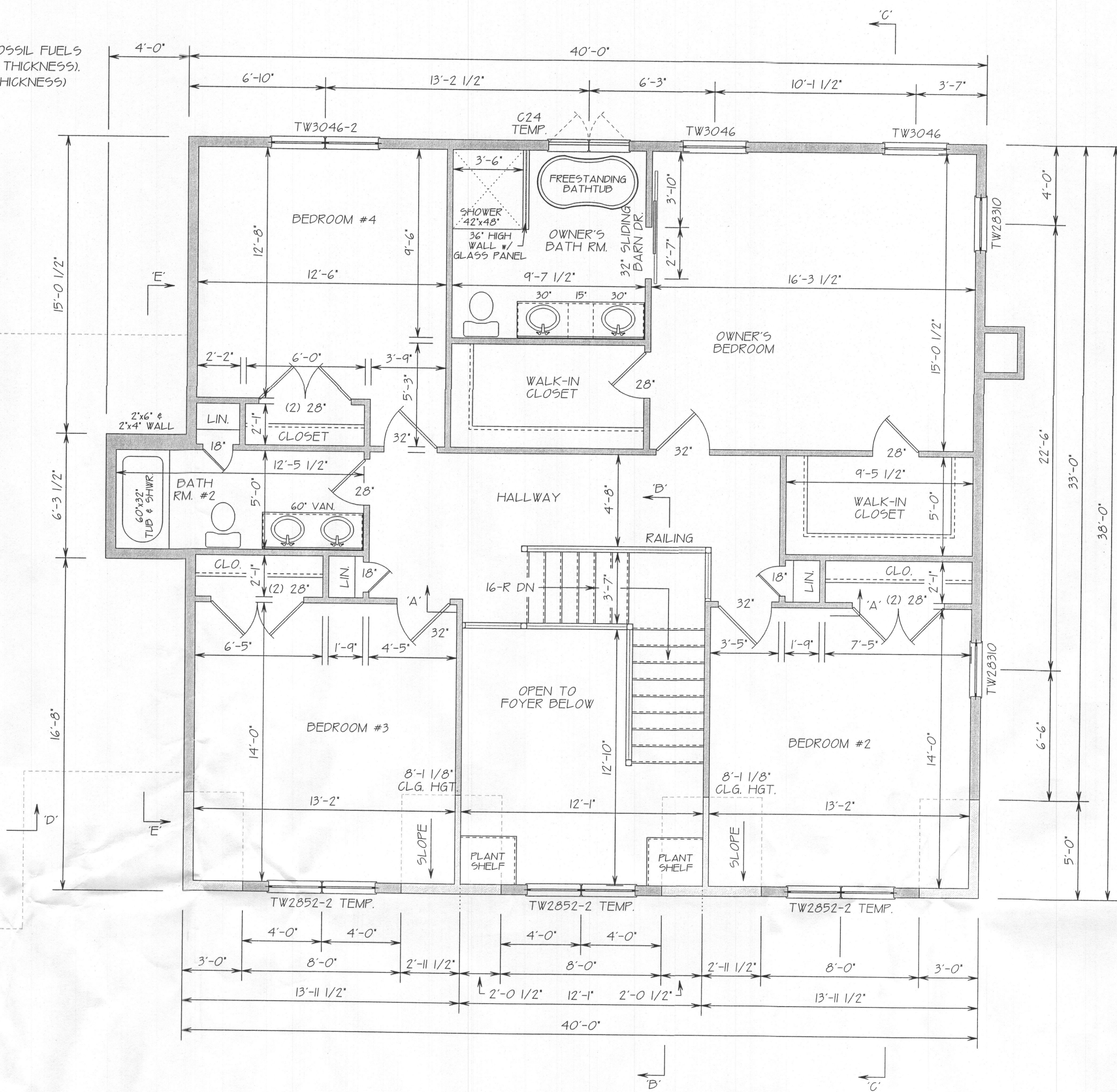
NOTE:

1. CARBON MONOXIDE ALARMS REQUIRED FOR DWELLINGS THAT USE FOSSIL FUELS
2. EXTERIOR DIMENSIONS ARE FROM OUTSIDE OF WALL SHEATHING (6" THICKNESS).
3. INTERIOR DIMENSIONS ARE FROM FACE OF STUDS (3 1/2" OR 5 1/2" THICKNESS)
4. INTERIOR DOORS ARE SHOWN 4" FROM ADJACENT WALL.



NEW LIVING AREA: 1,384 sq'
TWO STORY FOYER: 161 sq'
BONUS ROOM AREA: 348 sq'

SECOND LEVEL FLOOR PLAN



FRONT WALL FRAMING LAYOUT

GENERAL NOTES

SCALE: 1/4" = 1' 0"

REVISED 8-20-2018 FRONT LOAD GARAGE @ 22'-0" WIDE

PROJECT FOR:

GRABOSKI RESIDENCE
3654 SHARP RD.
GLENWOOD, MARYLAND 21738

CREATIVE OUTLOOKS, LLC

PHILIP F. GUGLIUZZA

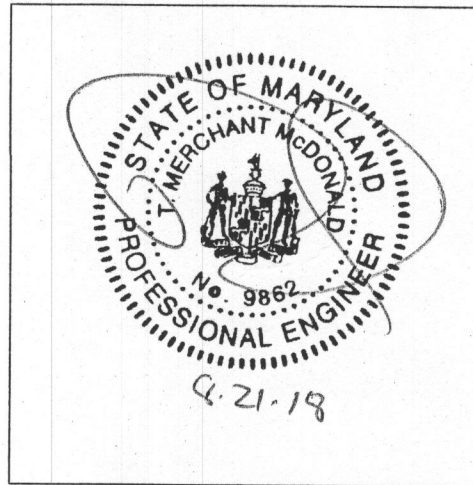
CUSTOM HOME PLANNING & DESIGN
HOME ADDITION/REMODELING DESIGN
COMPLETE CONSTRUCTION PLANS

PHONE: 410-596-1062

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SHEET No.

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R3011 CLIMATE ZONE 4A
R401.2 COMPLIANCE METHOD:
MANDATORY AND PRESCRIPTIVE PROVISIONS

R402.11 VAPOR RETARDER:
WALL ASSEMBLIES IN THE BUILDING THERMAL ENVELOPE SHALL COMPLY WITH VAPOR RETARDER REQUIREMENTS OF SECTION R702.7 OF THE INTERNATIONAL RESIDENTIAL CODE 2015 EDITION

R402.12 ATTIC INSULATION: R-49 w/ STANDARD TRUSS HEEL
ATTIC INSULATION: R-38 w/ RAISED HEEL OVER EXTERIOR WALL

R402.12 WOOD FRAME WALL:
R-20 OR R-13 + R5 CONTINUOUS INSULATION

R402.12 BASEMENT WALL INSULATION:
R-13/R-10 FOIL FACED CONTINUOUS, UNINTERRUPTED BATTS FULL HEIGHT

R402.12 CRAWL 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"

R402.12 FLOOR INSULATION OVER UNCONDITIONED SPACE
R-19 BATT INSULATION

R402.12 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 WILL BE WEATHERSTRIPPED AND INSULATED R-49

R402.4 BUILDING THERMAL ENVELOPE (AIR LEAKAGE):
EXTERIOR WALLS AND PENETRATIONS WILL BE SEALED PER THIS SECTION OF THE 2015 IECC WITH CAULK, GASKETS WEATHERSTRIPPING OR AN AIR BARRIER OF SUITABLE MATERIAL. SEALING METHODS BETWEEN DISSIMILAR MATERIALS SHALL ALLOW SEALING FOR DIFFERENTIAL EXPANSION AND CONTRACTION.

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 CHANGER PER HOUR. TESTING SHALL BE CONDUCTED IN ACCORDANCE WITH ASTM E 779 OR ASTM E 1827 WITH (BLOWER DOOR) AT A PRESSURE OF 0.2 INCHES W.G. (50 Pascals). TESTING SHALL BE CONDUCTED BY AN APPROVED THIRD PARTY. A WRITTEN REPORT OF THE RESULTS OF THE TEST SHALL BE SIGNED BY THE PARTY CONDUCTING THE TEST AND PROVIDED TO THE BUILDING INSPECTOR.

R402.4.2 FIREPLACES:
NEW WOOD BURNING FIREPLACES WILL HAVE TIGHT-FITTING FLUE DAMPERS OR DOORS, AND OUTDOOR COMBUSTION AIR. FIREPLACE DOORS SHALL BE LISTED AND LABELED IN ACCORDANCE WITH UL 127 (FACTORY BUILT FIREPLACE AND UL 907 (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 ALLIANCES AND COMBUSTION AIR SHALL BE LOCATED OUTSIDE THE BUILDING THERMAL ENVELOPE OR ENCLOSED IN A ROOM ISOLATED FROM INSIDE THE THERMAL ENVELOPE. EXCEPTIONS: 1. DIRECT VENT APPLIANCES WITH BOTH INTAKE AND EXHAUST PIPES INSTALLED CONTINUOUS TO THE OUTSIDE. 2. FIREPLACES AND STOVES COMPLYING WITH SECTION R402.4.2 AND SECTION R4006 OF THE IRC.

R402.4.5 RECESSED LIGHTING:
RECESSED LUMINARIES INSTALLED IN THE BUILDING THERMAL ENVELOPE SHALL BE SEALED TO LIMIT AIR LEAKAGE.

R403.11 THERMOSTAT:
ALL DWELLING UNITS WILL HAVE AT LEAST (1) PROGRAMMABLE THERMOSTAT FOR EACH SEPARATE HEATING AND COOLING SYSTEM PER 2015 IECC SECTION 403.11

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-8 MINIMUM, R-6 WHEN LESS THAN 3'. SUPPLY AND RETURN DUCTS OUTSIDE OF CONDITIONED SPACES 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 WILL BE SEALED. JOINTS AND SEAMS WILL COMPLY WITH SECTION M601.41 OF THE IRC. A DUCT TIGHTNESS TEST ('DUCT BLASTER' DUCT TOTAL LEAKAGE TEST) WILL BE PERFORMED ON ALL HOMES AND SHALL BE VERIFIED BY EITHER A POST CONSTRUCTION TEST OR A ROUGH-IN TEST. DUCT TIGHTNESS TEST IS NOT REQUIRED IF THE AIR HANDLER AND ALL DUCTS ARE LOCATED WITHIN THE CONDITIONED SPACE.

R403.6 MECHANICAL VENTILATION:
OUTDOOR (MAKE-UP AND EXHAUST) 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

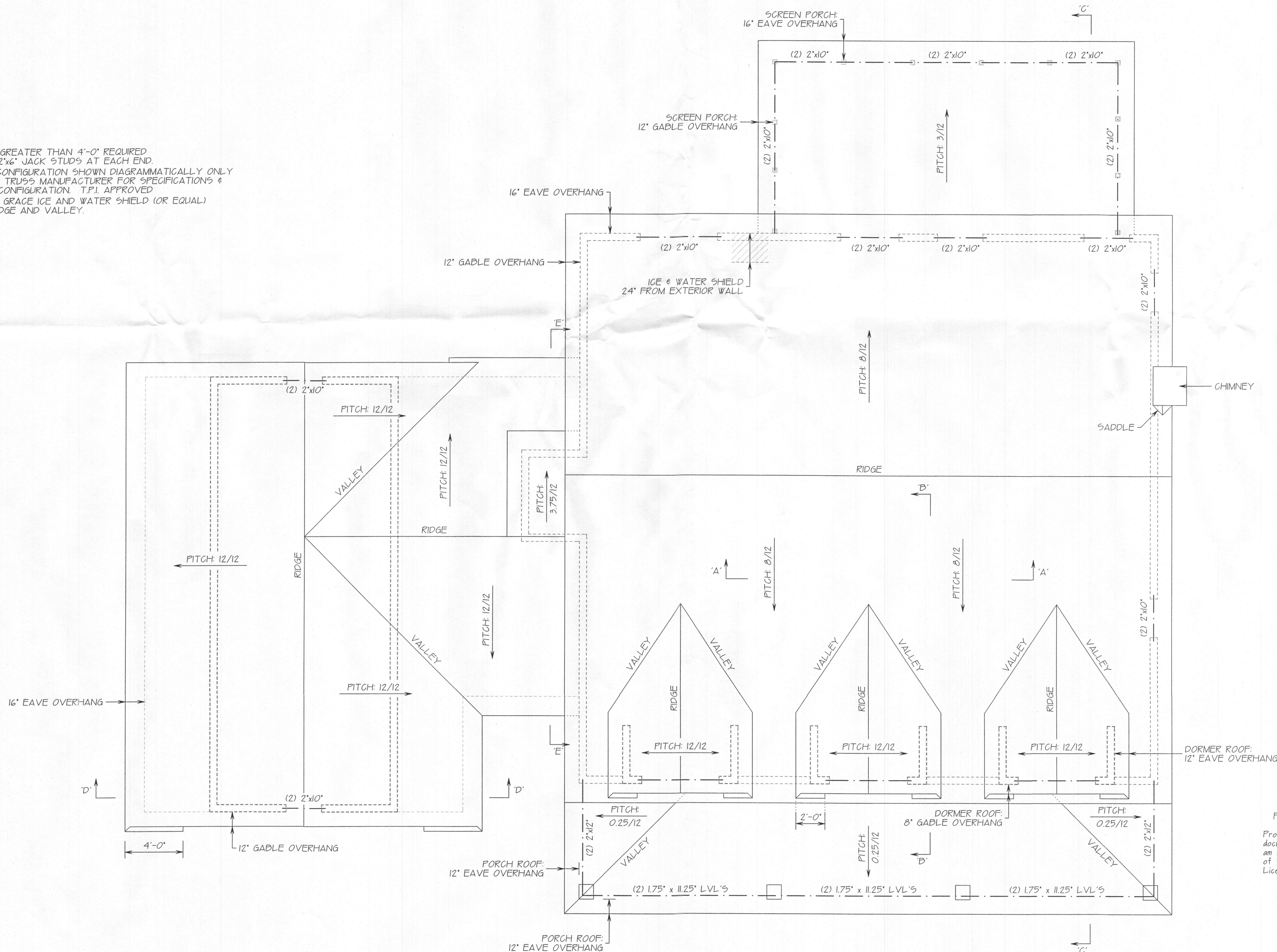
R403.7 EQUIPMENT SIZING SHALL COMPLY WITH R403.7

R404.1 LIGHTING EQUIPMENT:
A MINIMUM OF 75% OF ALL LAMP(S) (LIGHTS) MUST BE HIGH EFFICACY LAMPS.

THIS CONTRACTOR ALSO RESPONSIBLE FOR GENERATING CERTIFICATE OF COMPLIANCE AND AFFIXING ELECTRICAL PANEL OR WITHIN 6 FEET OF THE ELECTRICAL PANEL AND BE READILY VISIBLE.

2015 IECC CODE COMPLIANCE

NOTE:
1. OPENING GREATER THAN 4'-0" REQUIRED DOUBLE 2"x6" JACK STUDS AT EACH END.
2. TRUSS CONFIGURATION SHOWN DIAGRAMMATICALLY ONLY CONSULT TRUSS MANUFACTURER FOR SPECIFICATIONS & ACTUAL CONFIGURATION. T.P.I. APPROVED
3. PROVIDE GRACE ICE AND WATER SHIELD (OR EQUAL) ALONG EDGE AND VALLEY.



ROOF PLAN

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

SHEET No.

8 of 11

REVISED 8-20-2018 FRONT LOAD GARAGE @ 22'-0" WIDE

PROJECT FOR: GRABOSKI RESIDENCE

3654 SHARP RD.

GLENWOOD, MARYLAND 21738

DATE: JULY 25, 2018 SCALE: 1/4" = 1'-0" DRAWN BY: P. GUGLIUZZA

CREATIVE OUTLOOKS, LLC

PHILIP F. GUGLIUZZA

CUSTOM HOME PLANNING & DESIGN
HOME ADDITION-REMODELING DESIGN
COMPLETE CONSTRUCTION PLANS

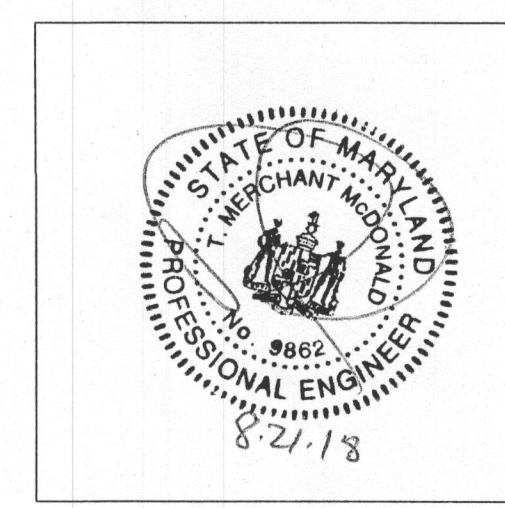
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- DECK NOTES:
1. ALL LUMBER SHALL BE PRESSURE-TREATED SOUTHERN PINE GRADE #2 OR BETTER
 2. ALL SCREW AND NAILS SHALL BE HOT-DIPPED GALVANIZED OR STAINLESS STEEL
 3. ALL HARDWARE (JOIST HANGERS, POST ANCHORS & BEAM, ETC.) SHALL BE GALVANIZED WITH 185 oz/sf OF ZINC (G-185 COATING) OR SHALL BE STAINLESS STEEL. 'ZMAX' BY SIMPSON STRONG-TIE OR 'TRIPLE ZINC' FROM USP
 4. P.T. 2"x12" STRINGERS ATTACHED TO BAND BOARD w/ SIMPSON L9C ADJUSTABLE STRINGER CONNECTOR
 5. OPENINGS FOR REQUIRED GUARDS ON THE SIDE OF STAIR TREADS SHALL NOT ALLOW A SPHERE 4" TO PASS THROUGH
 6. TRIANGULAR OPENING SHALL NOT PERMIT THE PASSAGE OF A 6" DIAMETER SPHERE
 7. MAX. 7 3/4" RISERS, MIN. 10" TREAD EDGE OF NOSE TO EDGE OF NOSE
 8. LATERAL LOAD CONNECTION OPT.:
1. INSTALL (2) 1500# CONNECTORS WITH 24" OF EACH END OF DECK
2. INSTALL (4) 750# CONNECTORS WITH (2) AT EACH END OF DECK
3. PROVIDE DIAGONAL BRACING WITH 2"X MEMBERS AT ALL POST

RUBBER ROOFING
3/4" T&G ROOF SHEATHING
2"x10" RAFTER JOIST @ 16' O.C.
RIP TO 1/4" PER 1'-0"
VERSATEX: BEAD BOARD CEILING

2"x6" TOP & BOTTOM PLATE
(2) 2"x12" BEAM
WRAP VERSATEX: 1"X TRIM BD.
10"x10" PERMACAST COLUMN
INSTALL w/ HD&G COLUMN KIT

VERSATEX: BEADED BOARD SOFFIT

COVERED PORCH

PLAYROOM

CLO.

GREAT ROOM

OWNER'S BEDROOM

WALK-IN CLOSET

CLO.

BEDROOM #2

PITCH: 8/12

38'-0"

1'-4"

3'-0"

5'-1 1/8" KNEE WALL

9'-10" TOP OF BEAM

EXISTING

EXISTING

EXISTING

EXISTING

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RIDGE VENT
ROOF PITCH: 8/12, AS NOTED
PRE-ENGINEERED TRUSSES @ 24' O.C.
1/2" OSB ROOF SHEATHING w/H-CLIPS
15# FELT PAPER
30yr ARCHITECTURAL SHINGLE

ACCUVENT OR INSULATION BAFFLE
R-38 INSULATION

ALUMINUM DRIP EDGE
2"x6" SUB-FASCIA BD., WRAP IN ALUMINUM
ALUMINUM GUTTER & DOWNSPOUTS
16" EAVE OVERHANG w/VENTED VINYL SOFFIT

VINYL SIDING AS NOTED ON ELEVATIONS
TYVEK HOUSE WRAP
7/16" OSB WALL SHEATHING
2"x6" STUDS @ 16" O.C.
R-21 INSULATION
1/2" DRYWALL WALLS & CEILING

3/4" ADVANTECH T&G SUBFLOOR GLUED & NAILED
11.875" TJI FLOOR JOIST @ 16" O.C.
BLOCKING & BRIDGING AS REQ'D PER MANUFACTURER
R-21 INSULATION ALONG BAND BOARD

ROOF PITCH: 3/12
PRE-ENGINEERED TRUSSES @ 24' O.C.
1/2" OSB ROOF SHEATHING w/H-CLIPS
15# FELT PAPER
30yr ARCHITECTURAL SHINGLE

(2) 2"x10" BEAM
WRAP w/VERSATEX: 1"X TRIM BD.
P.T. 4"x4" POST w/VINYL SLEEVE COVER
SIMPSON BASE & CAP ANCHOR
36" HIGH VINYL RAILING
SCREEN TIGHT SYSTEM

1"x6" COMPOSITE DECKING
P.T. 2"x10" FLOOR JOIST @ 16" O.C.
3-8d THREADED TOE NAILS
(2 ON ONE SIDE AND 1 ON OTHER)
MECHANICAL FASTENER OR HURRICANE CLIP

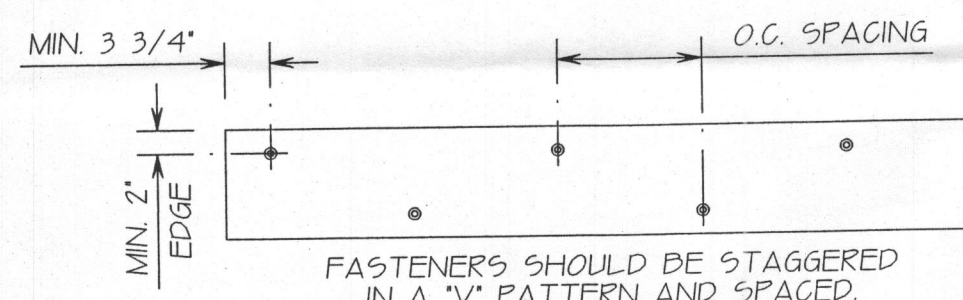
P.T. 2"x12" BEAM
FASTENED TOGETHER w/16d NAIL @
16" O.C. ALONG TOP, MID. & BOTTOM EDGE
SIMPSON DGC POST CAP
P.T. 6"x6" POST

P.T. 6"x6" POST
CUT ENDS OF POST SHALL BE
FIELD TREATED WITH AN APPROVED
PRESERVATIVE

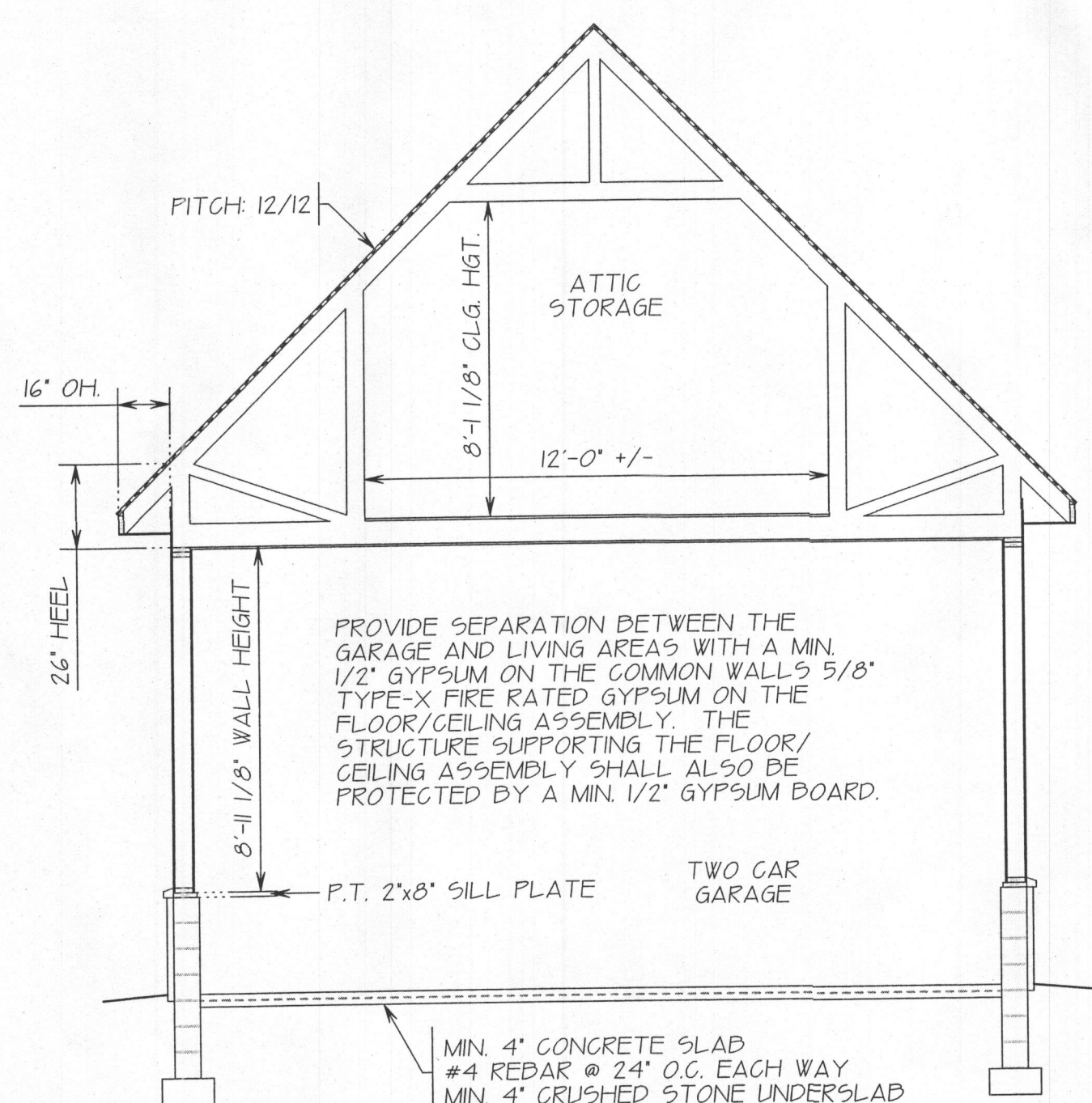
P.T. 6"x6" POST w/
SIMPSON ABUGGZ STANDOFF POST BASE
24"x24"x12" CONCRETE FOOTING
(3) #4 REBAR EACH WAY

16"x16" CMU PIER FILLED SOLID w/
CONCRETE & (4) VERT #4 REBAR
42"x42"x12" CONCRETE FOOTING w/
(6) #4 REBAR EACH WAY

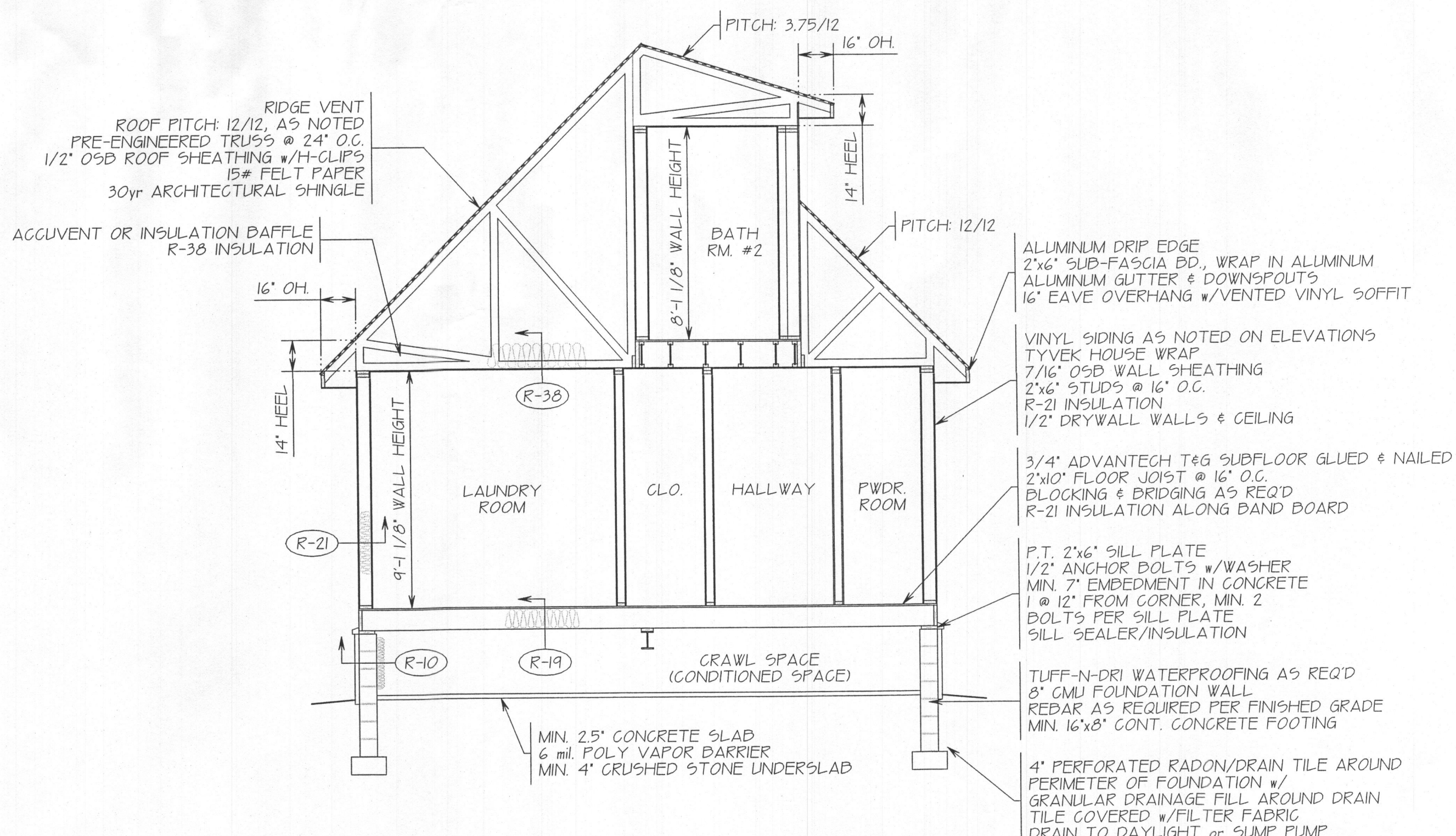
LIVE LOAD	RIM BD. MATERIAL	SPACING BETWEEN FASTENERS BASED ON JOIST SPANS OF:			
		6' OR LESS	UP TO 8'	UP TO 10'	UP TO 12'
40 psf	2"X LUMBER	24"	18"	14"	12"
	LVL	25"	19"	15"	12"



BUILDING SECTION 'C-C'



BUILDING SECTION 'D-D'



BUILDING SECTION 'E-E'

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

REVISED 8-20-2018 FRONT LOAD GARAGE @ 22'-0" WIDE

PROJECT FOR:

CREATIVE OUTLOOKS, LLC

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SHEET No.

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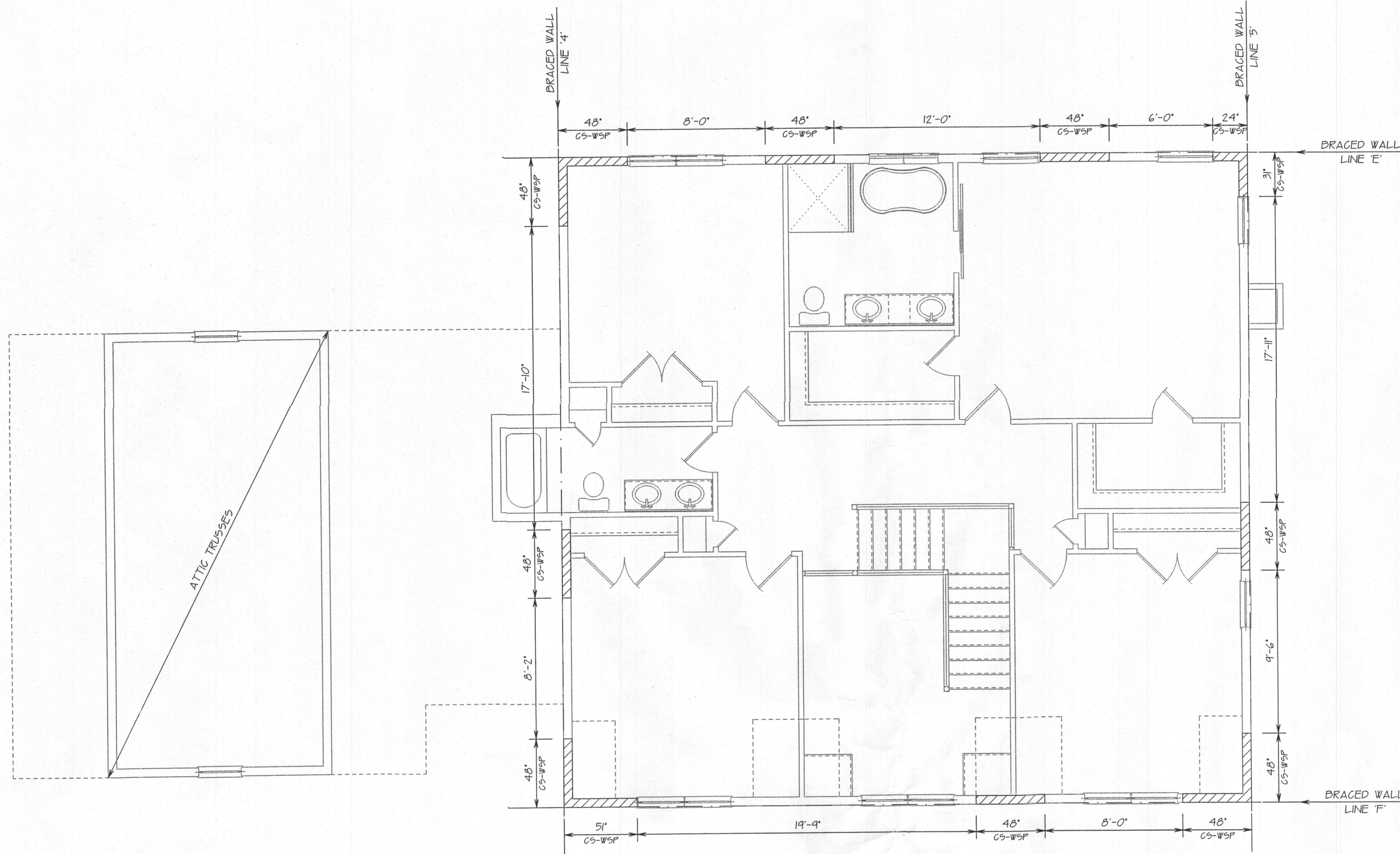
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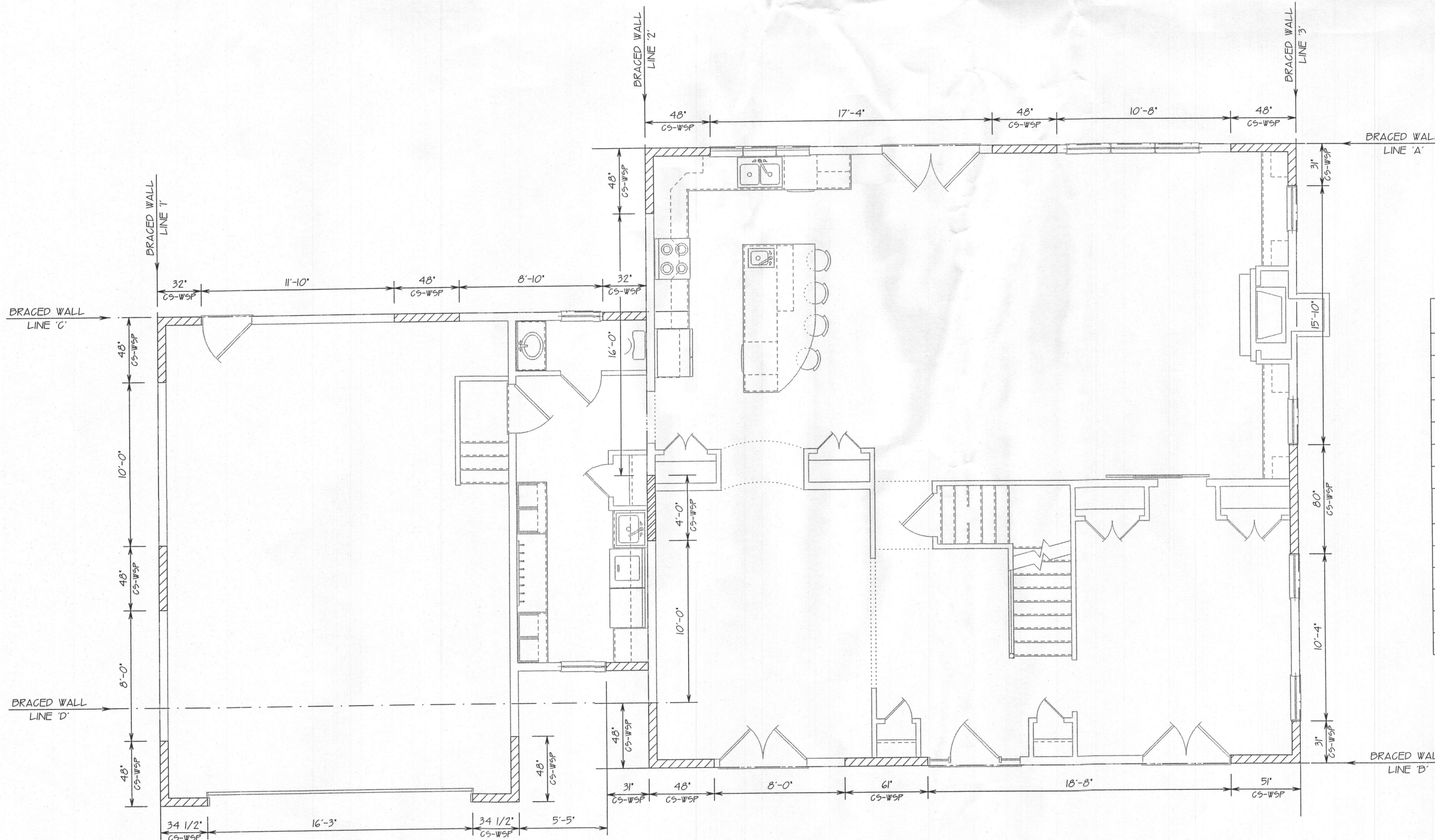
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SCALE

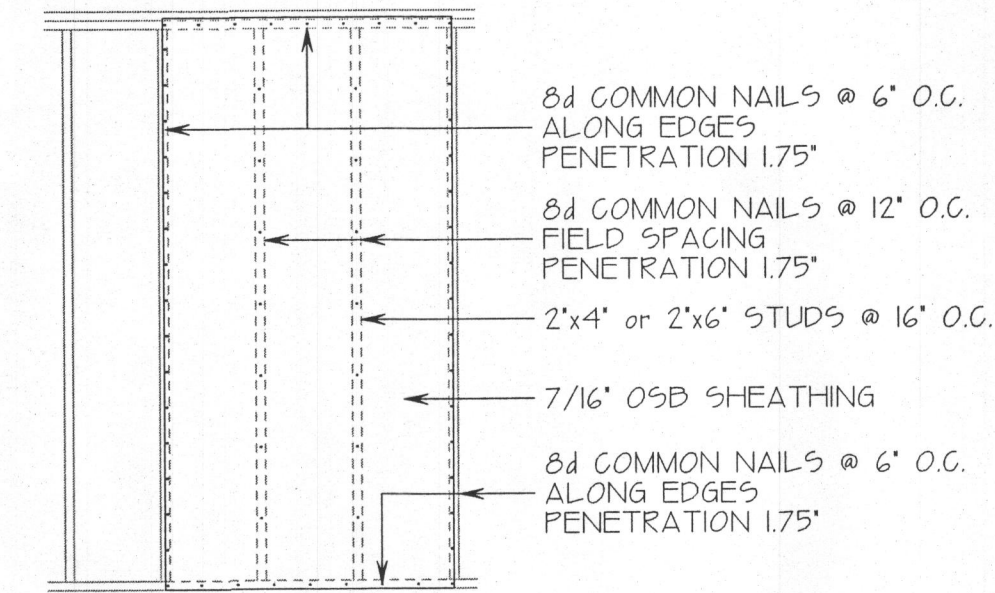
1/4" = 1'-0"



SECOND LEVEL WIND BRACING DIAGRAM



FIRST LEVEL WIND BRACING DIAGRAM



EXTERIOR WALL SHEATHING TO WALL FRAMING ASSEMBLY

(H) HOLD-DOWN (800LB MIN.)

- GB - INTERIOR BRACED WALL
INTERIOR BRACED WALLS SHALL BE MIN 1/2" GYPSUM BOARD APPLIED TO EACH SIDE OF FRAMING WITH ADHESIVE AND 5 OR W SCREWS @ 7" O.C.
- CS-WSP CONTINUOUS SHEATHING WOOD STRUCTURAL PANEL
CONTINUOUS SHEATHING-WOOD STRUCTURAL PANEL - MINIMUM 24" PANEL SHALL BE LOCATED AT EACH END OF BRACED WALL LINE. MINIMUM THICKNESS PANEL 3/8" ATTACHED WITH 6d COMMON NAILS AT 6" O.C. SPACING (PANEL EDGES) AND AT 12" SPACING (INTERMEDIATE SUPPORTS) OR 16 ga x 1 3/4" STAPLES AT 3" O.C. (PANEL EDGES) AND 6" O.C. SPACING (INTERMEDIATE SUPPORTS). SOLE PLATE TO JOIST AT BRACED WALL PANELS 3-16d @ 16" O.C.
- CS-PF CONTINUOUS SHEATHING PORTAL FRAME
DESIGNATED PORTAL FRAMING BRACING SHALL BE CONSTRUCTED IN ACCORDANCE WITH DETAILS R602.10.6.4 OF THE IRC 2015 CONTINUOUS PORTAL FRAME PANEL.
- CS-G CONTINUOUS SHEATHING GARAGE
CONTINUOUS SHEATHING-GARAGE PANEL - MINIMUM 24" PANEL SHALL BE LOCATED AT EACH END OF BRACED WALL LINE. MINIMUM THICKNESS PANEL 3/8" ATTACHED WITH 6d COMMON NAILS AT 6" O.C. SPACING (PANEL EDGES) AND AT 12" SPACING (INTERMEDIATE SUPPORTS) OR 16 ga x 1 3/4" STAPLES AT 3" O.C. (PANEL EDGES) AND 6" O.C. SPACING (INTERMEDIATE SUPPORTS). SOLE PLATE TO JOIST AT BRACED WALL PANELS 3-16d @ 16" O.C.

THIS DRAWING SHOWS BRACED WALL LINES WITH CONTINUOUS STRUCTURAL PANEL SHEATHING MEETING THE MINIMUM REQUIREMENTS OF SECTION R602.10.3 OF THE IRC. BRACED WALLS ARE OF THE MINIMUM LENGTHS SPECIFIED IN IRC 2015 R602.10.3.10

BASED WIND SPEED < 115 FLOOR BRACED WALL SYSTEM

FLOOR WALL LINE	STORY LOCATION	PANEL TYPE	REQUIRED LENGTH	PROVIDED LENGTH
A	2	CS-WSP	138'	144'
B	2	CS-WSP	138'	160'
C	1	CS-WSP	63'	111'
D	1	CS-WSP	63'	69'
E	1	CS-WSP	72'	168'
F	1	CS-WSP	72'	147'

FLOOR WALL LINE	STORY LOCATION	PANEL TYPE	REQUIRED LENGTH	PROVIDED LENGTH
1	1	CS-WSP	54'	144'
2	2	CS-WSP	138'	144'
3	2	CS-WSP	138'	142'
4	1	CS-WSP	72'	144'
5	1	CS-WSP	72'	127'

STORY LOCATION:
1 - ROOF ONLY
2 - ONE STORY FLOOR & ROOF
3 - TWO STORY FLOOR & ROOF

REVISED 8-20-2018 FRONT LOAD GARAGE @ 22'-0" WIDE

FIRST & SECOND FLOOR WIND BRACING DIAGRAM

PROJECT FOR

GRABOSKI RESIDENCE
3654 SHARP RD.
GLENWOOD, MARYLAND 21738

DATE JULY 25, 2018 SCALE 1/4" = 1'-0" FILE NAME ANS-FP DRAWN BY P. GUGLIUZZA

CREATIVE OUTLOOKS, LLC
PHILIP F. GUGLIUZZA

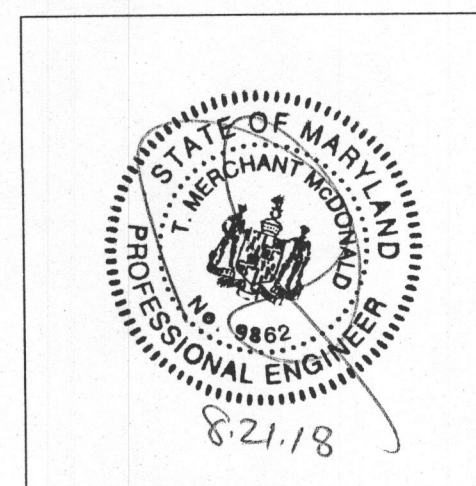
CUSTOM HOME PLANNING & DESIGN
HOME ADDITION/REMODELING DESIGN
COMPLETE CONSTRUCTION PLANS

PGCREATE@GMAIL.COM PHONE: 410-596-1062

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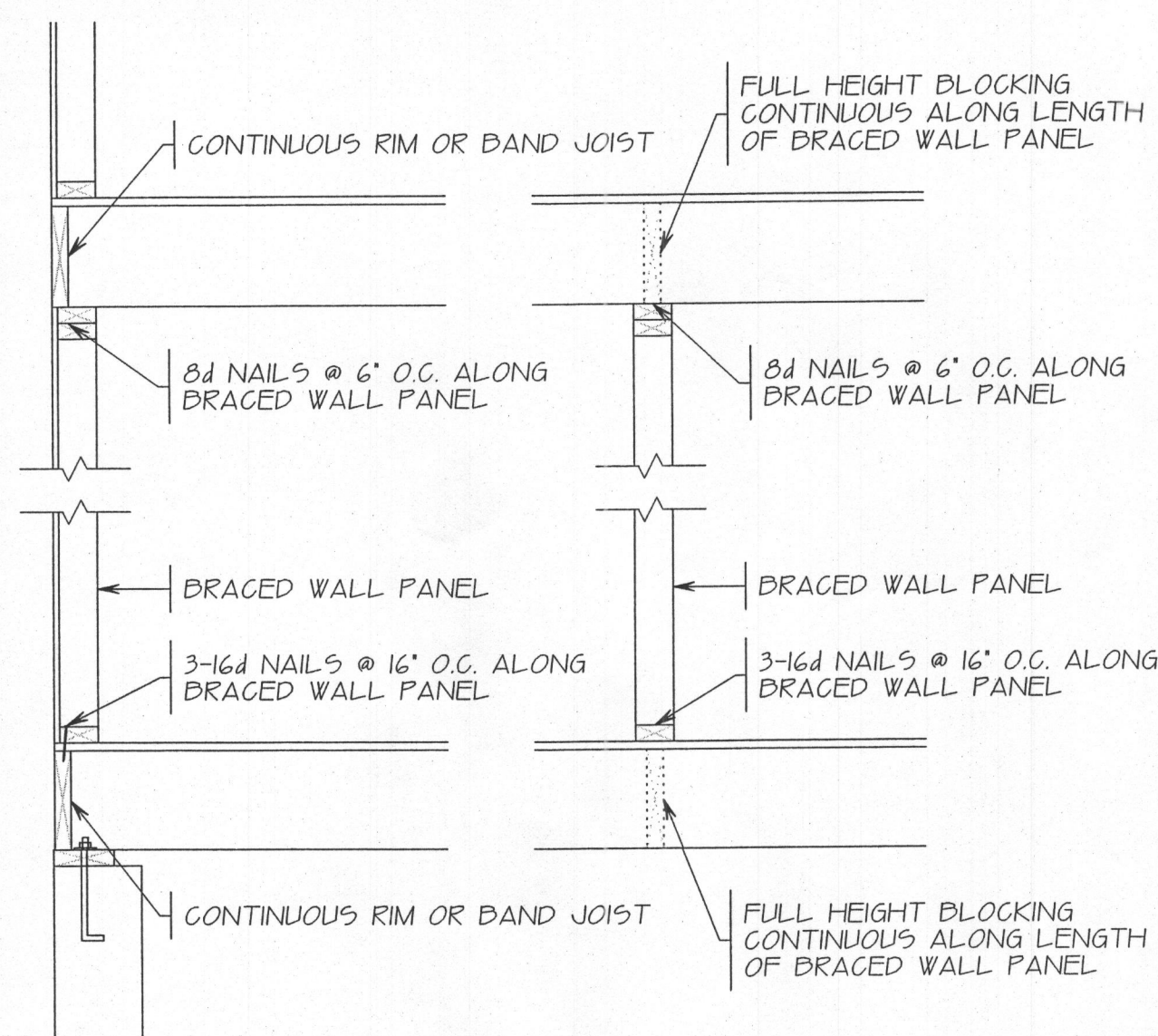
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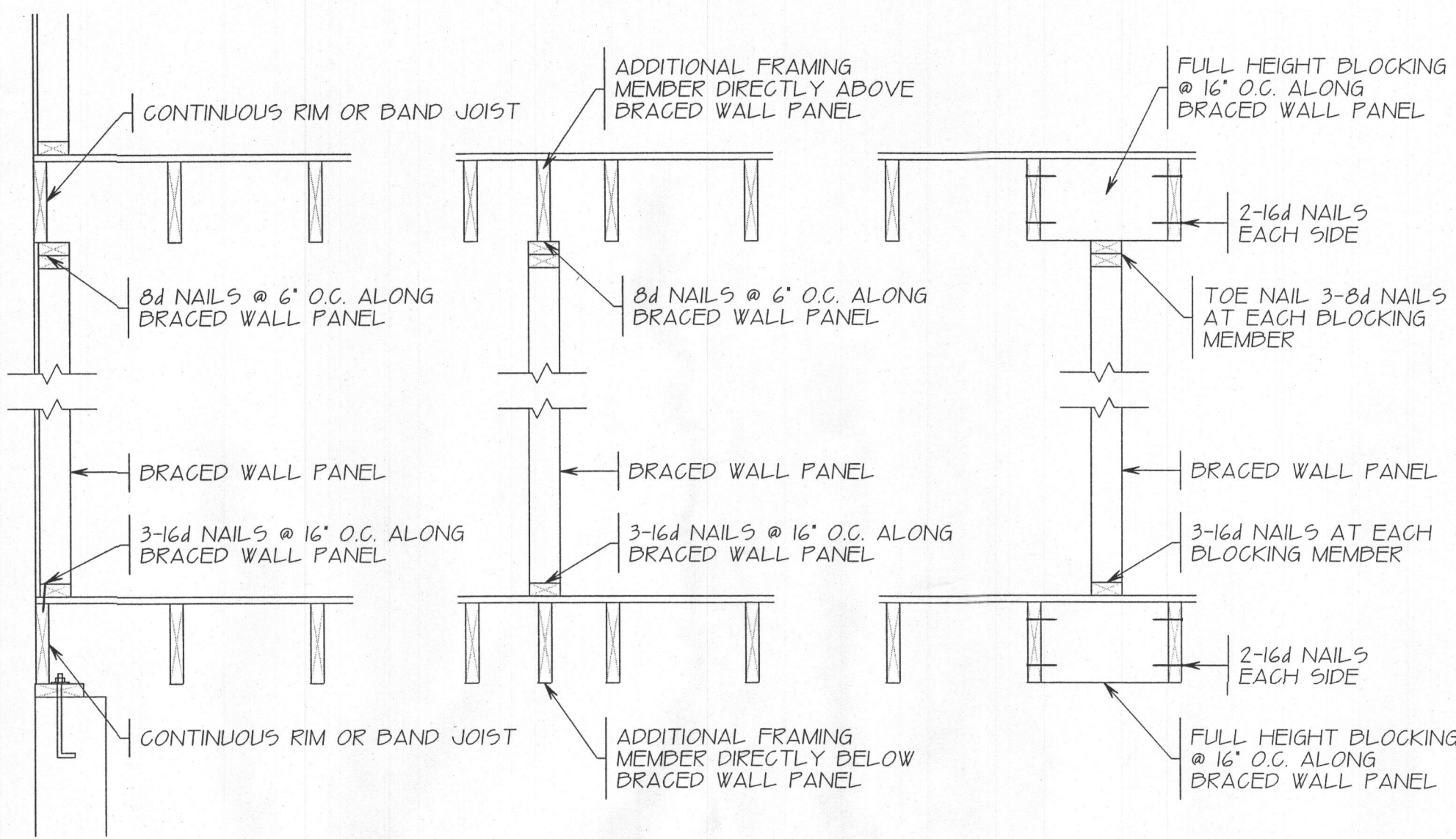
SCALE: 1/4" = 1'-0"

SHEET No.

10 of 11

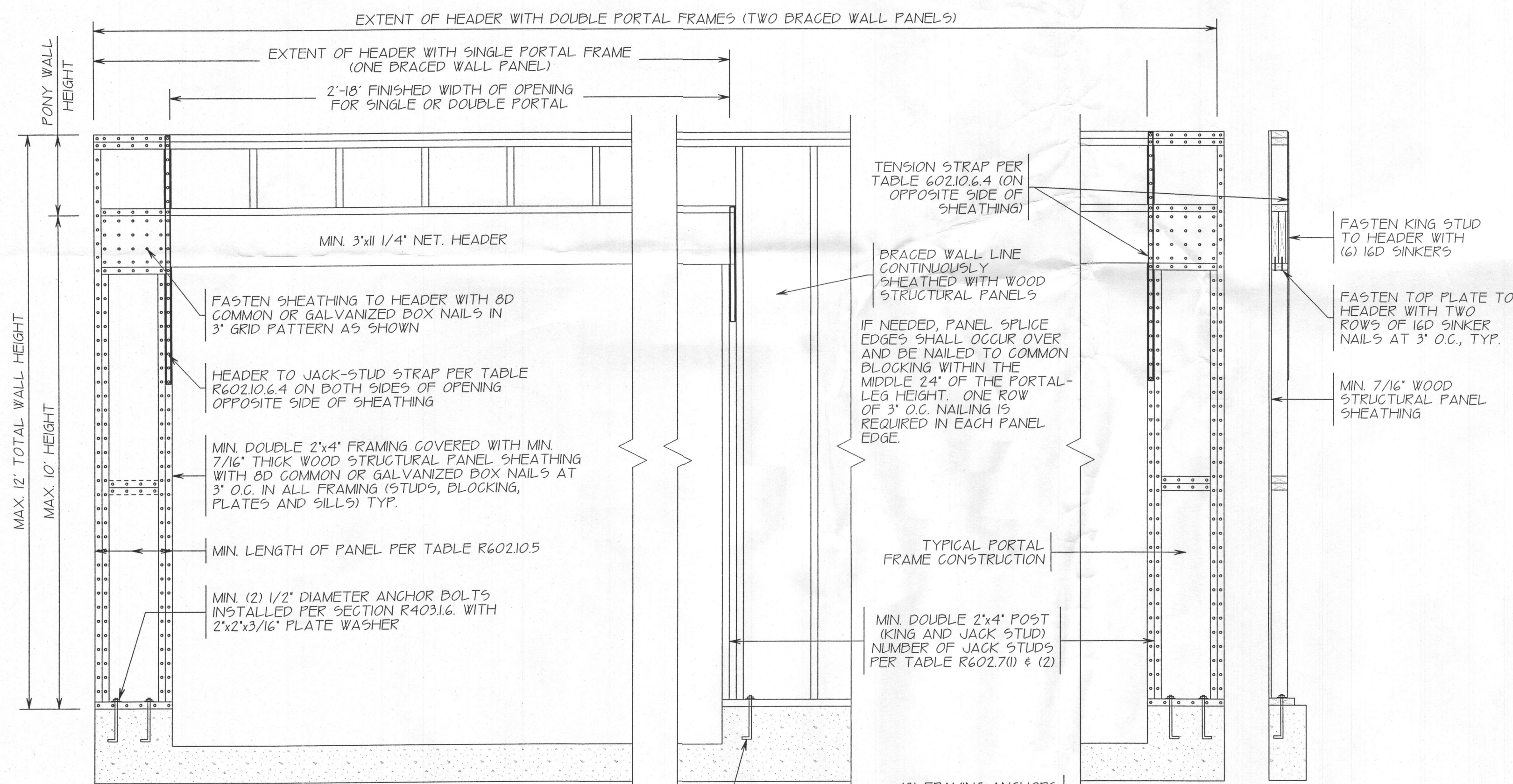


BRACED WALL PANEL CONNECTION WHEN PERPENDICULAR TO FLOOR/CEILING FRAMING

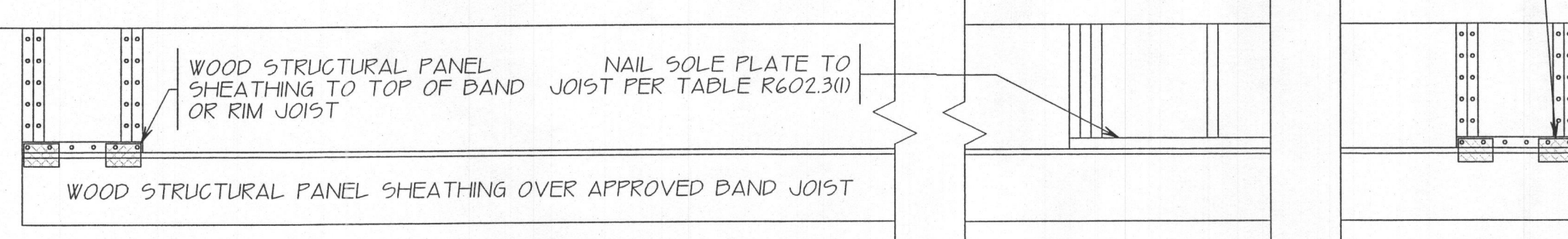


BRACED WALL PANEL CONNECTION WHEN PARALLEL TO FLOOR/CEILING FRAMING

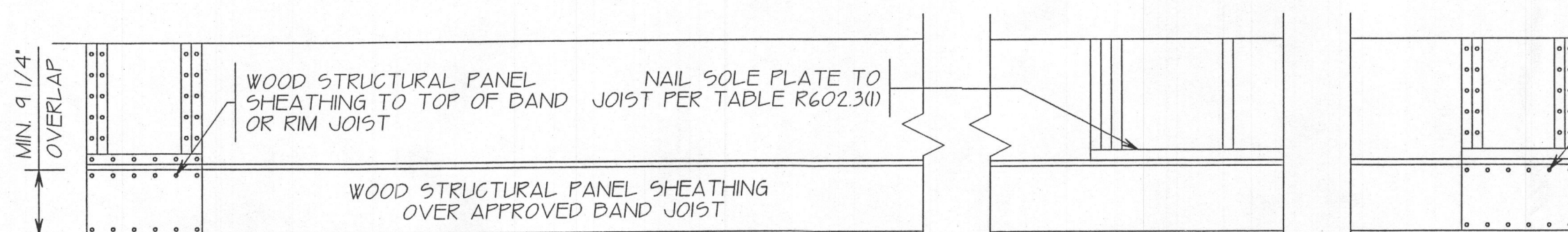
BRACED WALL CONNECTION TO FLOOR/CEILING



OVER CONCRETE OR MASONRY BLOCK FOUNDATION

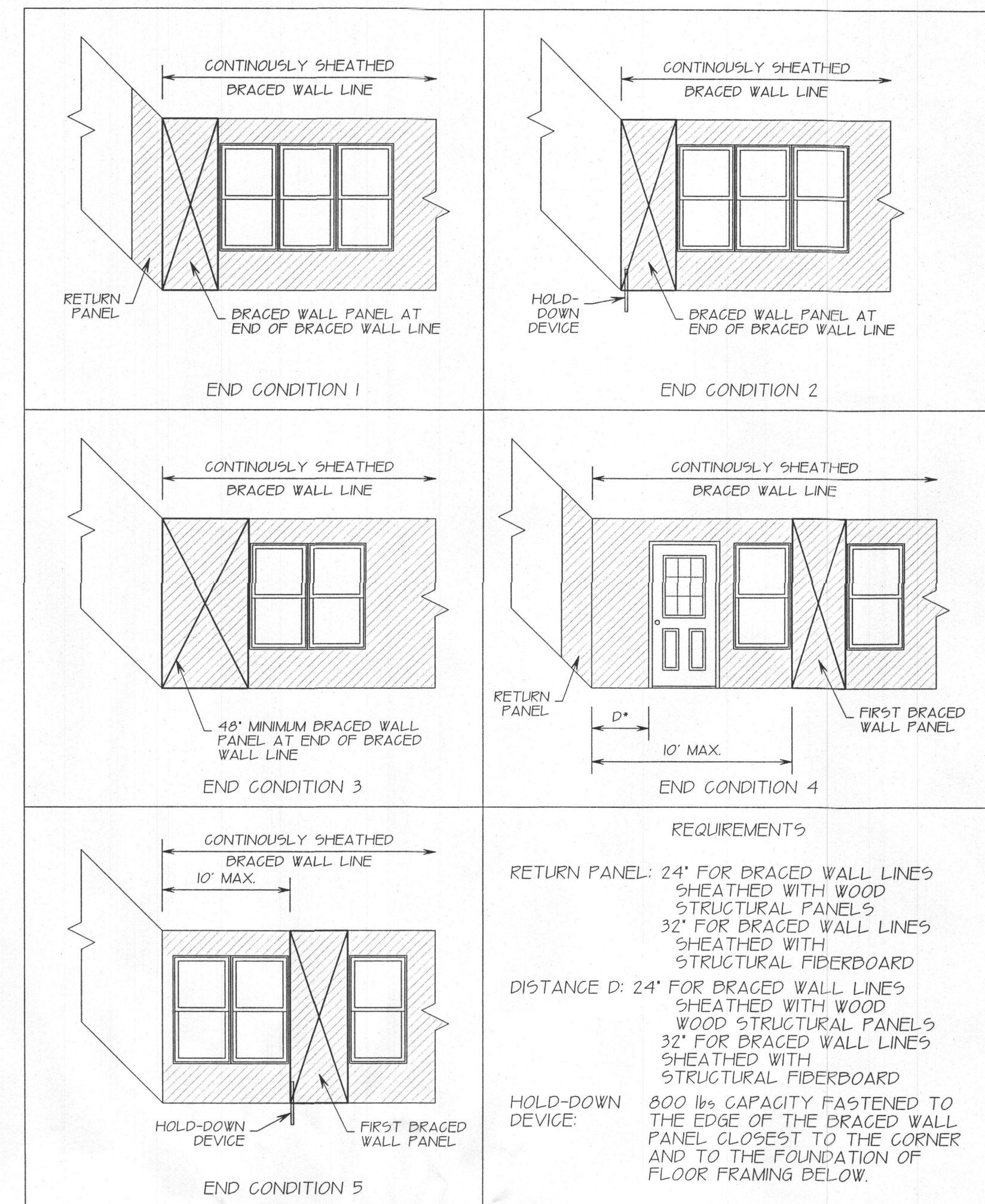


OVER RAISED WOOD FLOOR OR SECOND FLOOR - RAISED ANCHOR OPTION

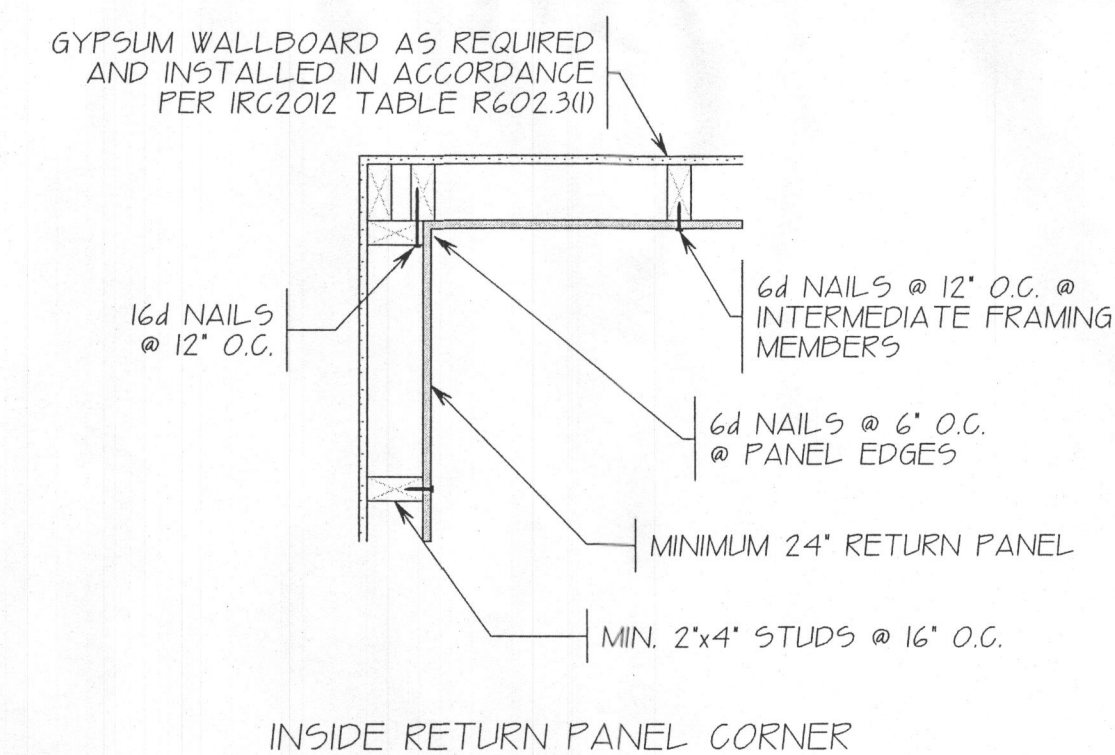


OVER RAISED WOOD FLOOR OR SECOND FLOOR - WOOD STRUCTURAL PANEL OVERLAP OPTION

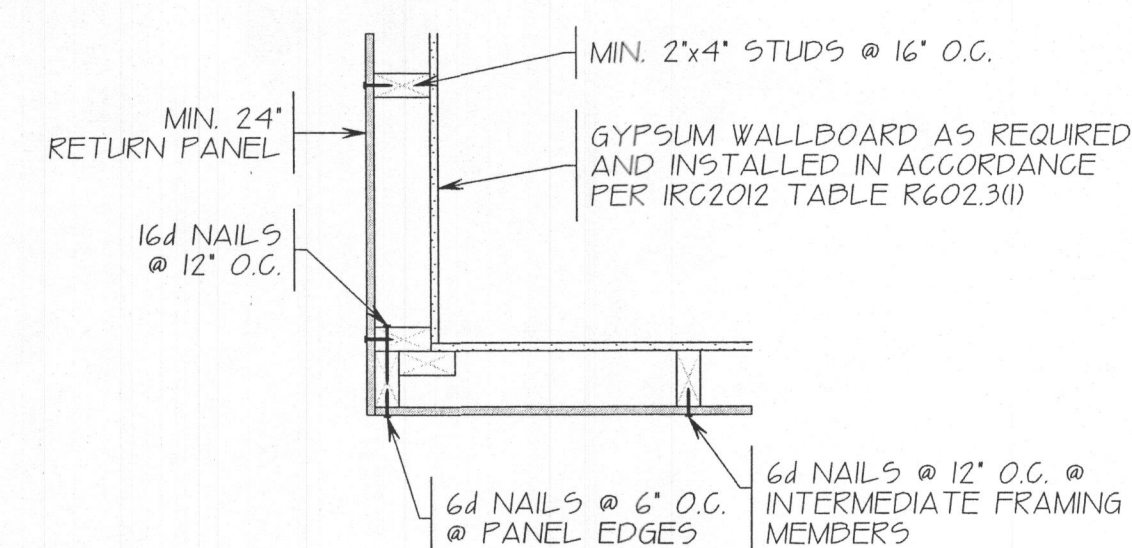
PORTAL WALL DETAIL PER TABLE R602.10.6.4 IRC 2015



END CONDITIONS FOR BRACED WALL LINES FIGURE R602.10.7 IRC 2015

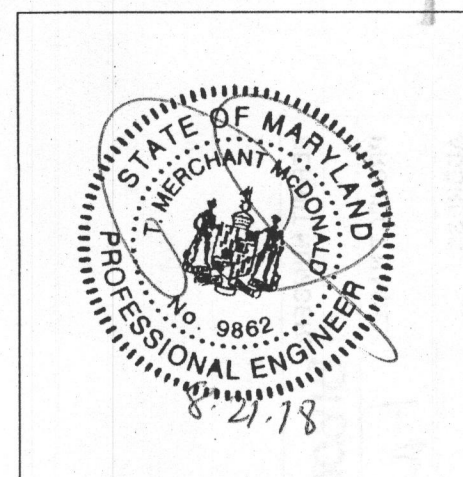


CONNECT THE TWO WALLS TOGETHER AS OUTLINED IN THIS DETAIL BELOW TO PROVIDE OVERTURNING RESTRAINT. THE FULLY SHEATHED WALL LINE PERPENDICULAR TO THE NARROW BRACING SEGMENT HELPS REDUCE THE OVERTURNING FORCE BECAUSE THE OVERTURNING MOMENT ACTS OVER A LONGER DISTANCE.



CORNER WALL DETAILS

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COMPLETE CONSTRUCTION PLANS
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WIND BRACING NOTES & DETAILS

PROJECT FOR: GRABOSKI RESIDENCE
3654 SHARP RD.
GLENWOOD, MARYLAND 21738
DATE: JULY 25, 2018
SCALE: 1/4" = 1'-0"
FILE NAME: ANG-FP
DRAWN BY: P. GUGLIUZZA