



Building Permit Application

Howard County Maryland
 Department of Inspections, Licenses and Permits
 3430 Court House Drive
 Permits: 410-313-2455
 www.howardcountymd.gov

Date Received: _____

Permit No.: _____

Building Address: 2530 PEFFERKORN ROAD
 City: W. FRIENDSHIP State: MD Zip Code: 21794
 Suite/Apt. # N/A SDP/WP/BA #: _____
 Census Tract: _____ Subdivision: _____
 Section: _____ Area: _____ Lot: _____
 Tax Map: 0015 Parcel: 003 Grid: 0007
 Zoning: _____ Map Coordinates: _____ Lot Size: 3.03 AC

Existing Use: SFD
 Proposed Use: SFD
 Estimated Construction Cost: \$ 110,000⁰⁰
 Description of Work: EXPAND SUNROOM TO 15'-8" X 14'-4"
REMODEL KITCHEN, REMODEL LAUNDRY ROOM,
REMODEL BATH, ADD EGRESS WINDOW TO BASEMENT
 Occupant or Tenant: DAVE + DEBRA BURT

Was tenant space previously occupied? Yes No
 Contact Name: BRIAN TITUS
 Address: 1299 JUDGES COURT
 City: SYKESVILLE State: MD Zip Code: 21784
 Phone: 443-300-2268 Fax: _____
 Email: BRIANT@DBRG.MARYLAND.COM

Property Owner's Name: DAVE + DEBRA BURT
 Address: 2530 PEFFERKORN ROAD
 City: W. FRIENDSHIP State: MD Zip Code: 21794
 Phone: 410-489-2596 Fax: N/A
 Email: BURTBEAT@YAHOO.COM

Applicant's Name & Mailing Address, (If other than stated herein)
 Applicant's Name: BRIAN TITUS
 Address: 1299 JUDGES CT
 City: SYKESVILLE State: MD Zip Code: 21784
 Phone: 443-300-2268 Fax: _____
 Email: BRIANT@DBRG.MARYLAND.COM

Contractor Company: DESIGN BUILD REMODELING GROUP OF MD
 Contact Person: BRIAN TITUS
 Address: 1299 JUDGES CT
 City: SYKESVILLE State: MD Zip Code: 21784
 License No.: MHC 129933
 Phone: 443-300-2268 Fax: _____
 Email: BRIANT@DBRG.MARYLAND.COM

Engineer/Architect Company: TMM CONSULTING SERVICES
 Responsible Design Prof.: T. MERCHANT MCDONALD
 Address: 7941 HOLLOW ROAD
 City: MIDDLETOWN State: MD Zip Code: 21769
 Phone: 240-439-9578 Fax: _____
 Email: TMMCONSULTING-SVS@COMCAST.NET

Commercial Building Characteristics	Residential Building Characteristics	
Height:	<input checked="" type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse	
No. of stories:	Depth	Width
Gross area, sq. ft./floor:	1 st floor:	
	2 nd floor:	<u>N/A</u>
Area of construction (sq. ft.):	Basement:	
	<input checked="" type="checkbox"/> Finished Basement	
Use group:	<input checked="" type="checkbox"/> Unfinished Basement	
	<input checked="" type="checkbox"/> Crawl Space <u>14'-4" X 15'-8"</u>	
<u>Construction type:</u>	<input type="checkbox"/> Slab on Grade	
<input type="checkbox"/> Reinforced Concrete	No. of Bedrooms: _____	
<input type="checkbox"/> Structural Steel	<u>Multi-family Dwelling</u>	
<input type="checkbox"/> Masonry	No. of efficiency units: _____	
<input type="checkbox"/> Wood Frame	No. of 1 BR units: _____	
<input type="checkbox"/> State Certified Modular	No. of 2 BR units: _____	
	No. of 3 BR units: _____	
	Other Structure: _____	
	Dimensions: _____	
<input checked="" type="checkbox"/> Roadside Tree Project Permit	Footings: _____	
<input type="checkbox"/> Yes <input type="checkbox"/> No	Roof: _____	
Roadside Tree Project Permit # _____	<input type="checkbox"/> State Certified Modular	
	<input type="checkbox"/> Manufactured Home	

Utilities	
<u>Water Supply</u>	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private WELL	
<u>Sewage Disposal</u>	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private, SEPTIC	
Electric: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Gas: <input type="checkbox"/> Yes <input type="checkbox"/> No	
<u>Heating System</u>	
<input type="checkbox"/> Electric <input checked="" type="checkbox"/> Oil	
<input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas	
<input type="checkbox"/> Other: _____	
<u>Sprinkler System:</u>	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Grading Permit Number: _____	
Building Shell Permit Number: _____	

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Applicant's Signature: Brian Titus Print Name: BRIAN J. TITUS
 Email Address: BRIANT@DBRG.MARYLAND.COM Date: 4/23/15
 Title/Company: SALESMAN / DESIGN BUILD REMODELING GROUP OF MARYLAND

Checks Payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY
 PLEASE WRITE NEATLY & LEGIBLY
 -FOR OFFICE USE ONLY-

AGENCY	DATE	SIGNATURE OF APPROVAL
State Highways		
Building Officials		
PSZA (Zoning)		
PSZA (Engineering)		
Health	<u>4/29/15</u>	<u>H. OSWALD</u>

Is Sediment Control approval required for issuance? Yes No
 CONTINGENCY CONSTRUCTION START

DPZ SETBACK INFORMATION
Front: _____
Rear: _____
Side: _____
Side St.: _____
All minimum setbacks met? <input type="checkbox"/> Yes <input type="checkbox"/> No
Is Entrance Permit Required? <input type="checkbox"/> Yes <input type="checkbox"/> No
Historic District? <input type="checkbox"/> Yes <input type="checkbox"/> No
Lot Coverage for New Town Zone: _____
SDP/Red-line approval date: _____

Filing Fee	\$
Permit Fee	\$
Tech Fee	\$
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$
Add'l per Fee	\$
Total Fees	\$
Sub-Total Paid	\$
Balance Due	\$
Check	#

Property known as: LOT 2
 R. NEVILLE ARRINGTON SUBDIVISION
 LOTS 1-2 & PARCEL A
 PLAT # 0555
 3RD ELECTION DISTRICT
 HOWARD COUNTY, MD.

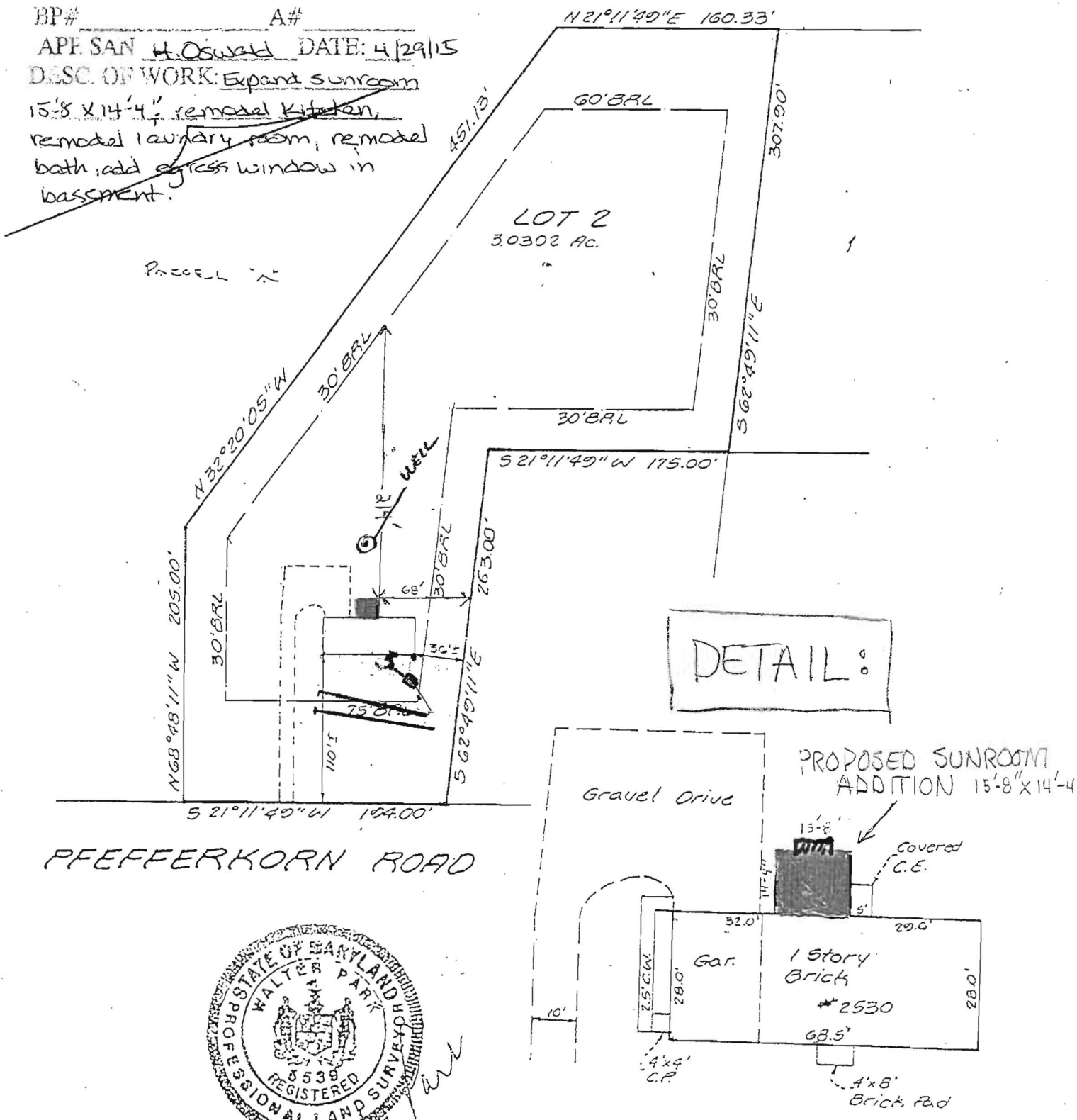
THIS PLAT CAN NOT BE USED TO ESTABLISH PROPERTY LINES OR CORNERS.

APPROVED

WALK-THRU BUILDING PERMIT

BP# _____ A# _____
 APE SAN H. Oswald DATE: 4/29/15

DESC. OF WORK: Expand sunroom
 15'-8" x 14'-4", remodel kitchen,
 remodel laundry room, remodel
 bath, add egress window in
 basement.



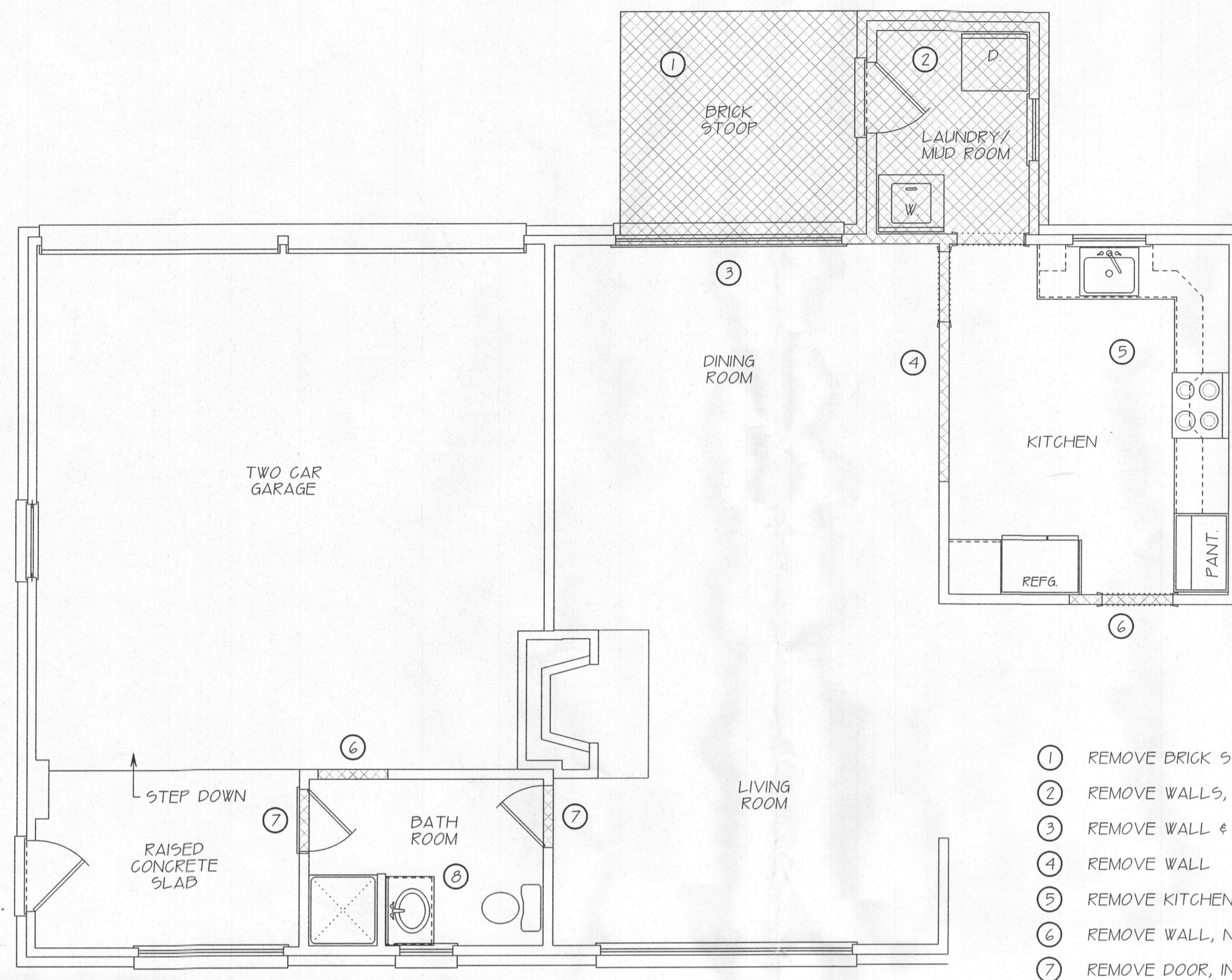
DETAIL:

PROPOSED SUNROOM
 ADDITION 15'-8" X 14'-4"

PFEFFERKORN ROAD

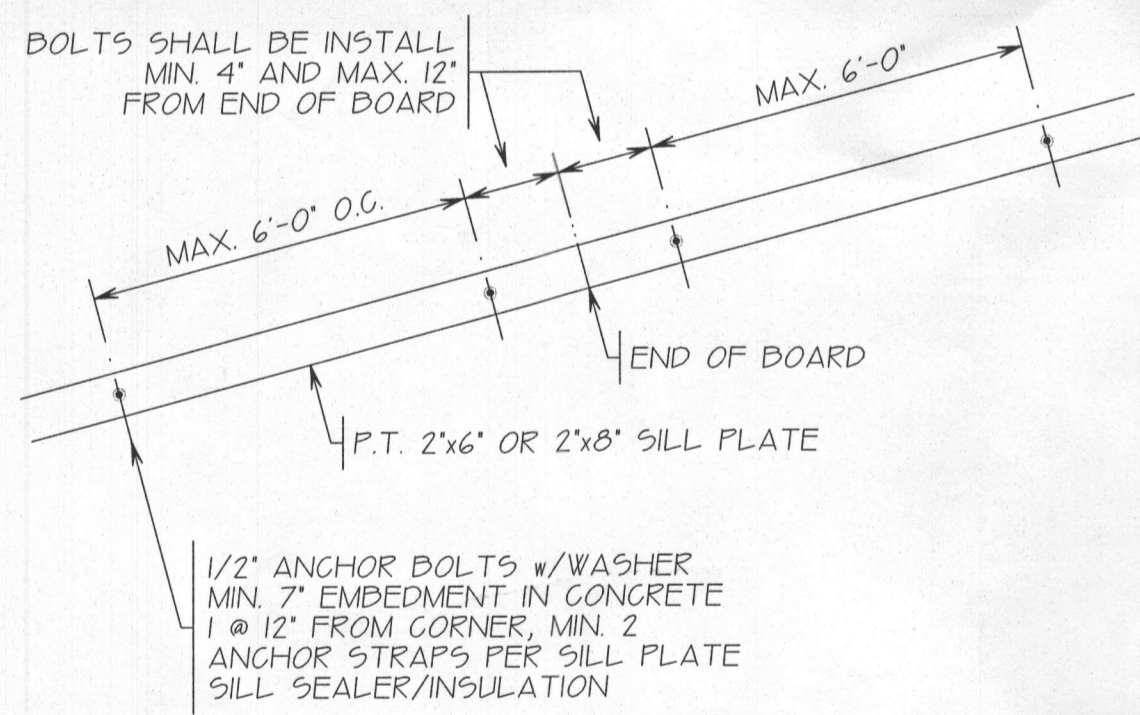


WAB

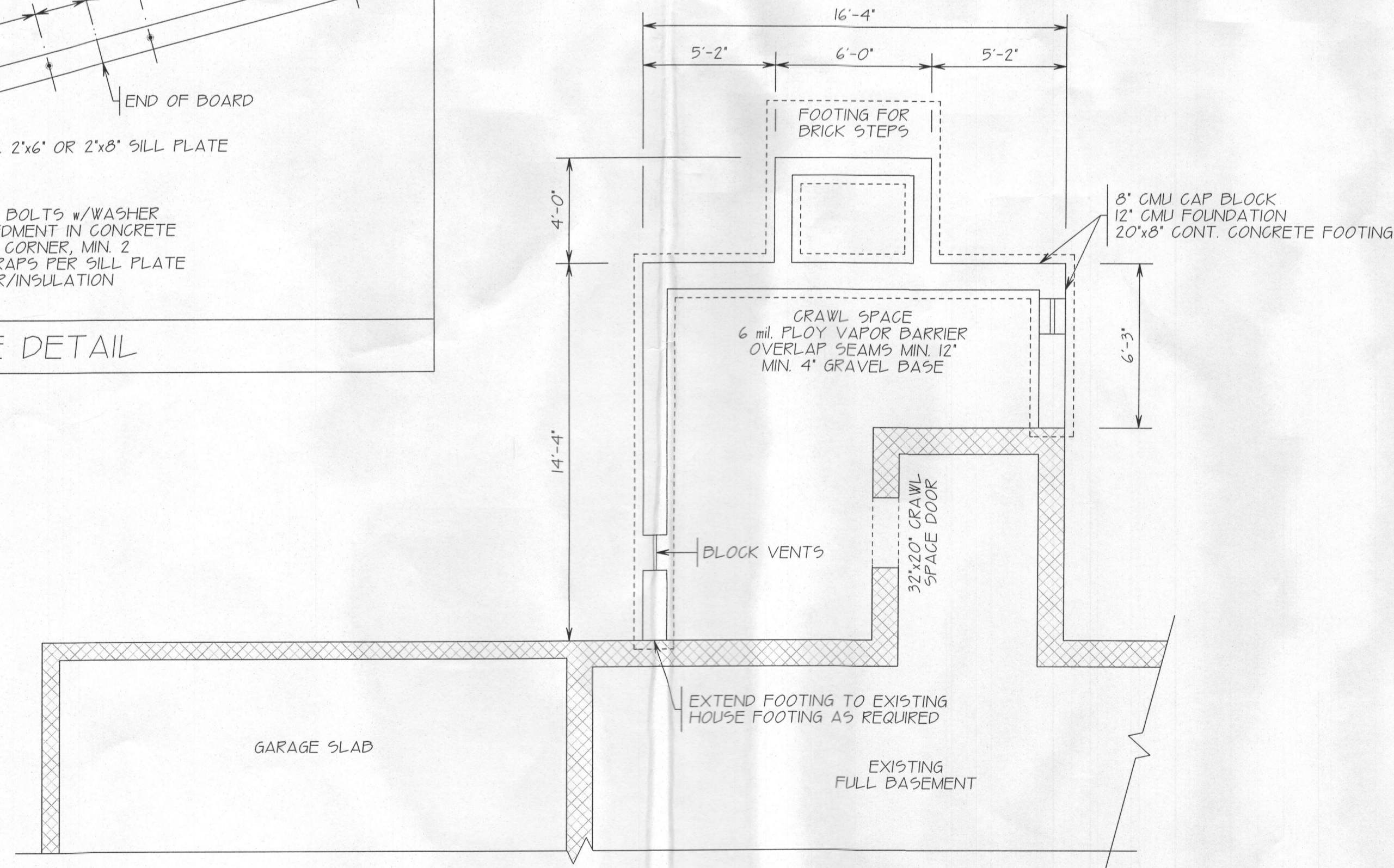


- ① REMOVE BRICK STOOP, WALLS & PAVERS
- ② REMOVE WALLS, DOOR, WINDOW & ROOF
- ③ REMOVE WALL & WINDOW, INSTALL GIRDER TRUSS
- ④ REMOVE WALL
- ⑤ REMOVE KITCHEN CABINETS
- ⑥ REMOVE WALL, NEW OPENING
- ⑦ REMOVE DOOR, INSTALL NEW DOOR
- ⑧ REMOVE PLUMBING FIXTURES, RE-USE VANITY

EXISTING FIRST LEVEL FLOOR PLAN

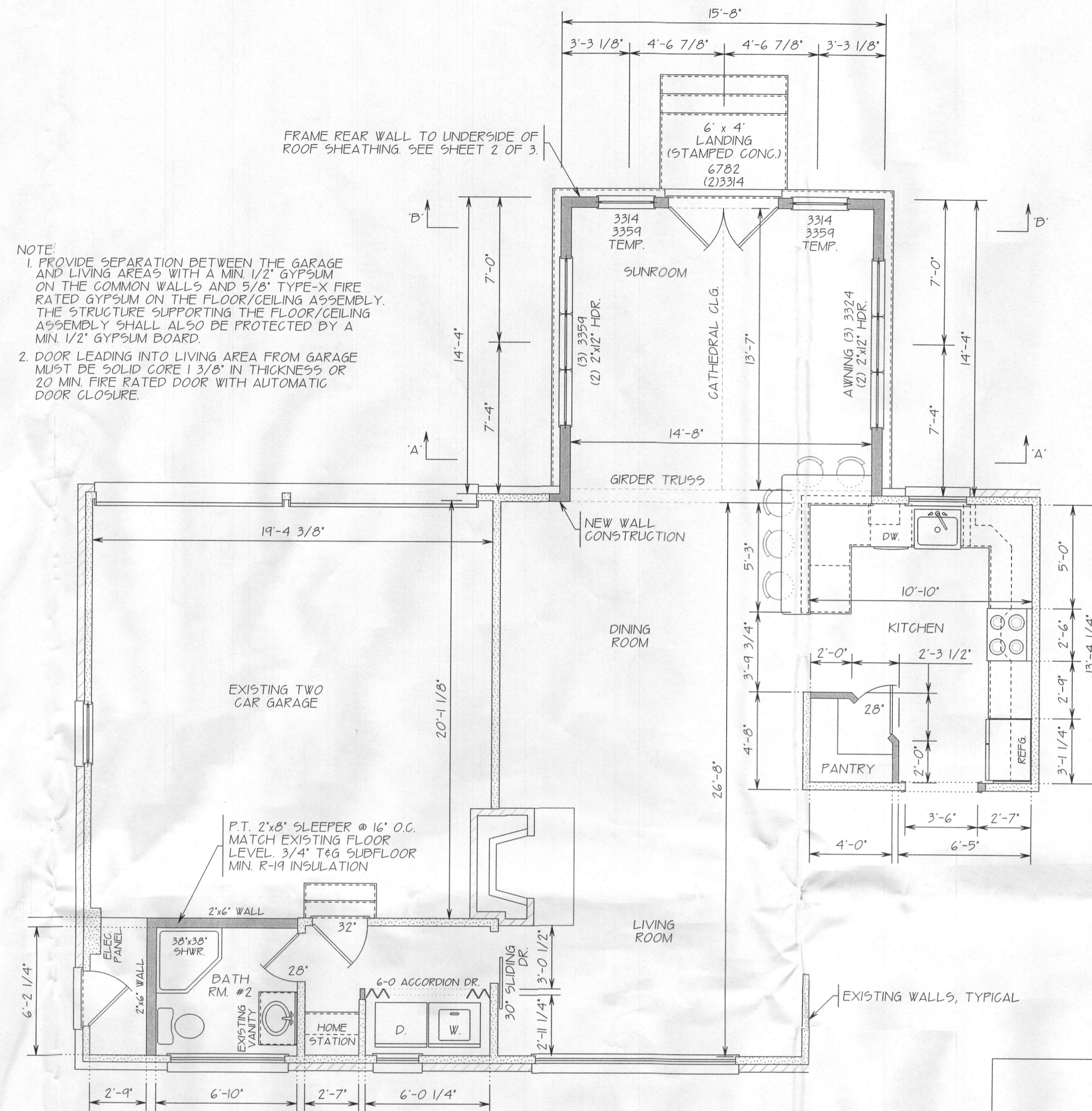


SILL PLATE DETAIL

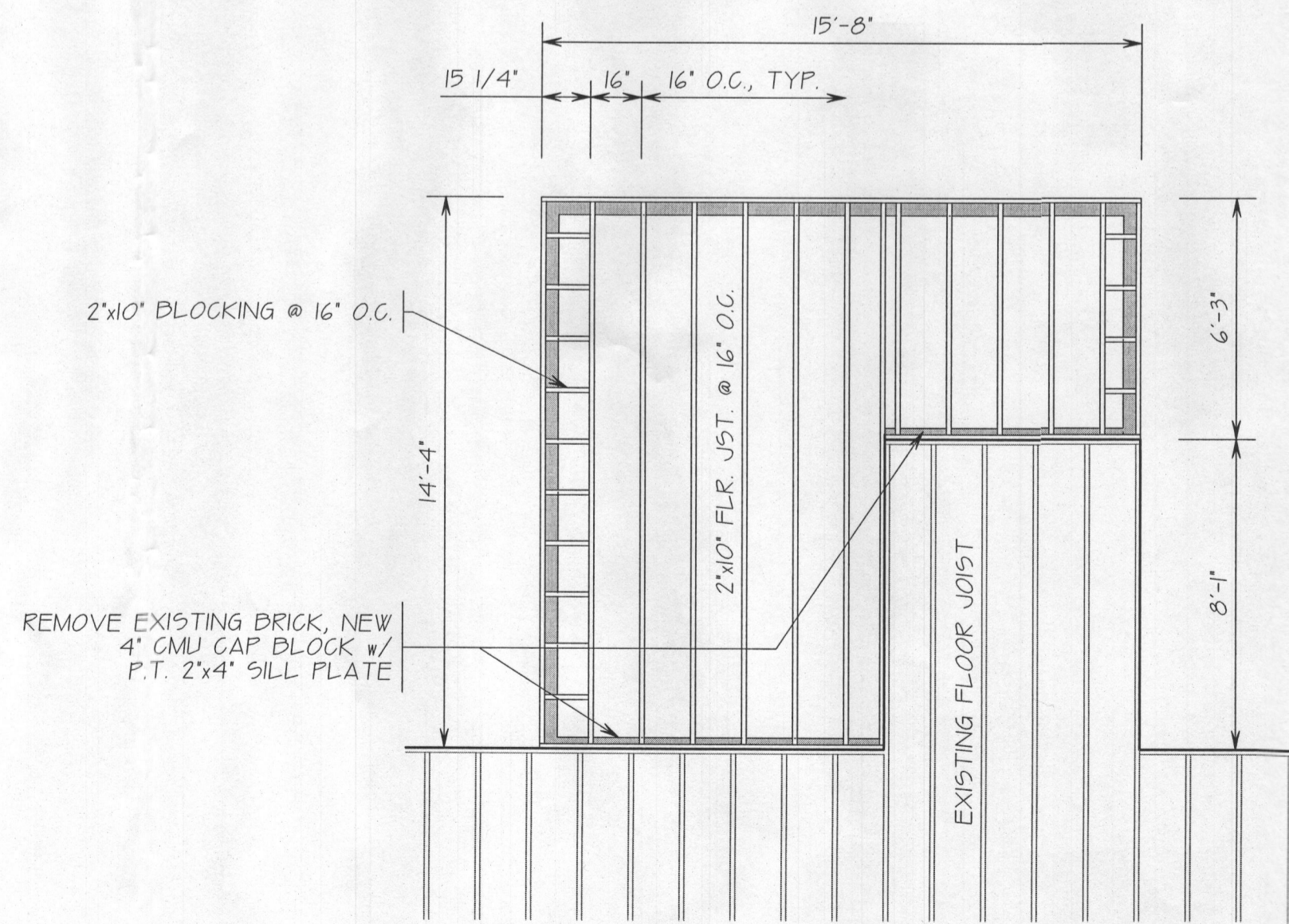


FOUNDATION PLAN

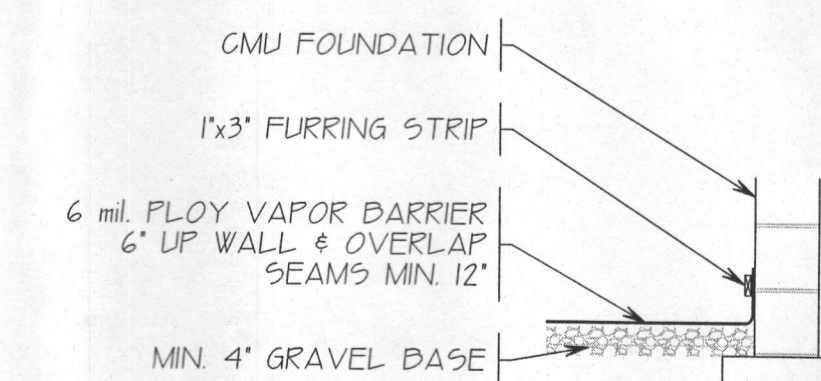
NOTE:
 1. PROVIDE SEPARATION BETWEEN THE GARAGE AND LIVING AREAS WITH A MIN. 1/2" GYPSUM ON THE COMMON WALLS AND 5/8" TYPE-X FIRE RATED GYPSUM ON THE FLOOR/CEILING ASSEMBLY. THE STRUCTURE SUPPORTING THE FLOOR/CEILING ASSEMBLY SHALL ALSO BE PROTECTED BY A MIN. 1/2" GYPSUM BOARD.
 2. DOOR LEADING INTO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



NEW FIRST LEVEL FLOOR PLAN



FLOOR FRAMING LAYOUT



CRAWL SPACE DETAIL

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 Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the state of Maryland.
 License No. 9862, Expiration Date: 5-17-16
TMM CONSULTING SERVICES, LLC
 7941 HOLLOW RD.
 MIDDLETOWN, MD 21769
 240-439-9518

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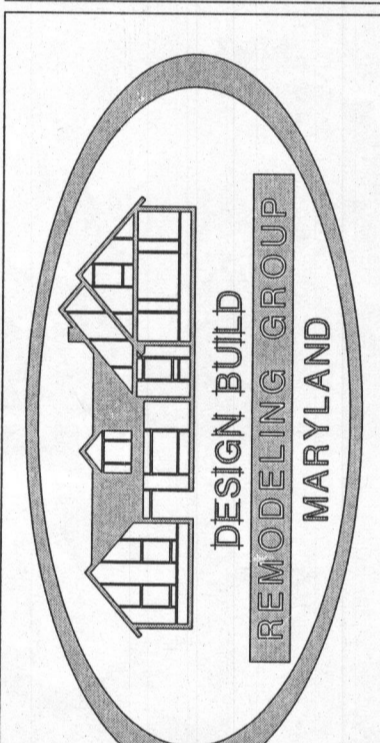
SHEET No.

1 of 3

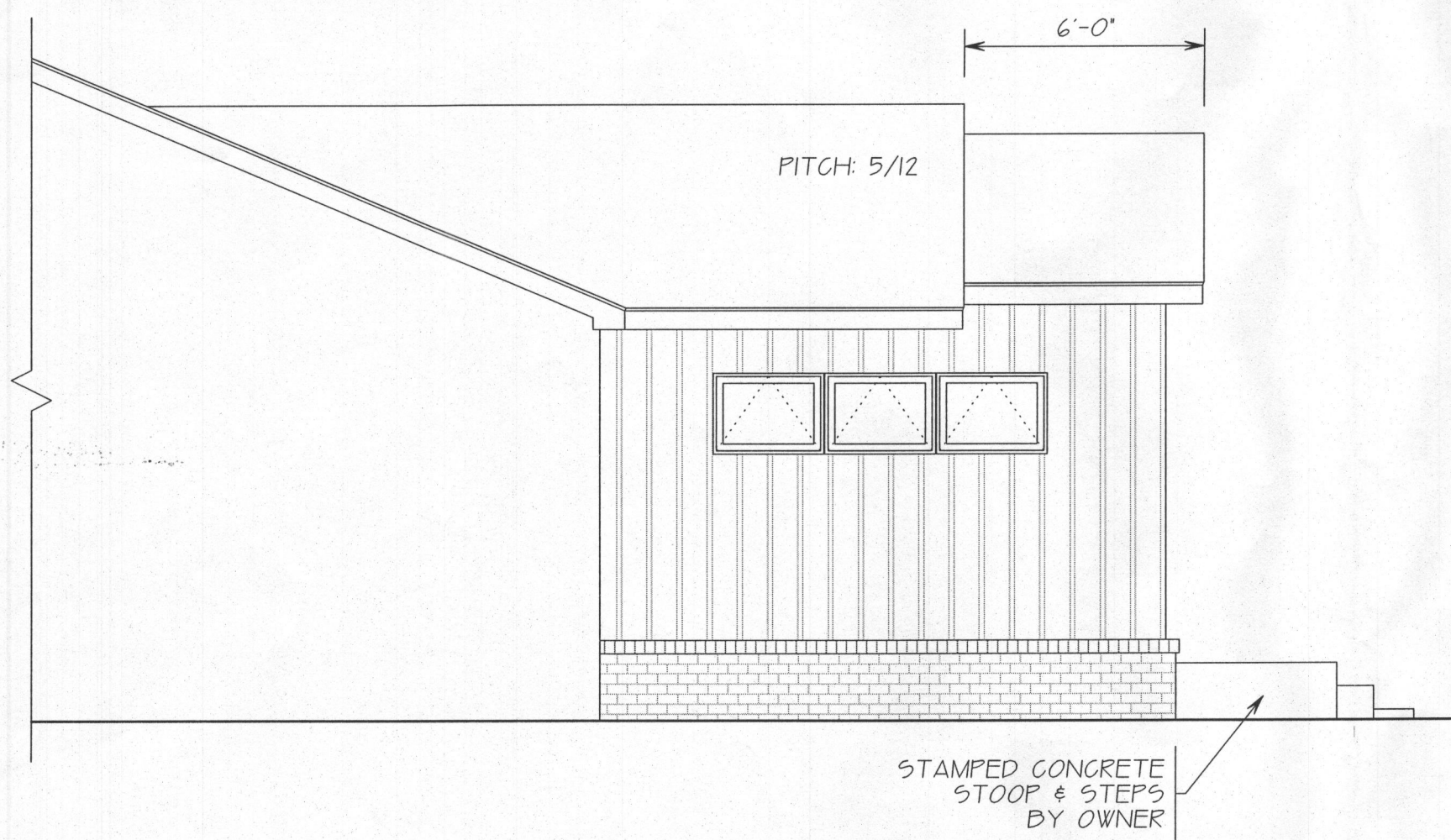
EXISTING & NEW FLOOR PLAN, FOUNDATION PLAN & FLOOR FRAMING PLAN

NEW ADDITION FOR:
 BURT RESIDENCE
 2530 PFEFFERKORN
 WEST FRIENDSHIP, MD 21794
 DATE: APRIL 22, 2014 DRAWN BY: PFG SCALE: 1/4" = 1'-0"

CREATIVE OUTLOOKS, LLC
 PHILIP F. GUGLIUZZA
 CUSTOM HOME PLANNING & DESIGN
 HOME ADDITION-REMODELING DESIGN
 COMPLETE CONSTRUCTION PLANS
 PHONE: 410-239-0261



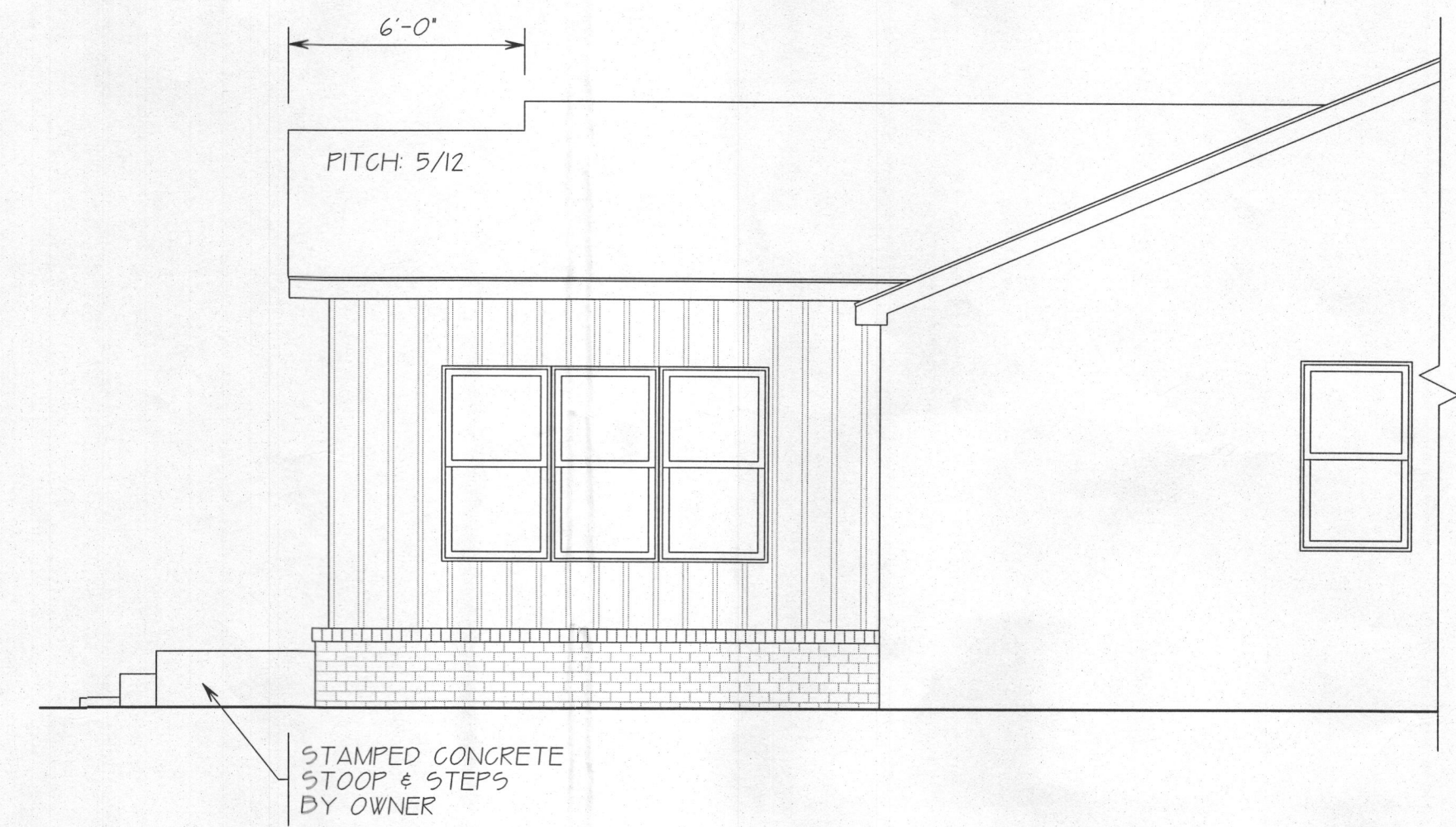
ADDITIONS: GARAGE, FAMILY ROOM, OWNER'S SUITE & BATHROOMS, IN-LAW SUITES & MORE
 KITCHEN REMODEL & ADDITIONS
 BASEMENTS, BATH RENOVATIONS
 AGING/DISABILITY NEEDS
 P.O. BOX 1295
 SYKESVILLE, MARYLAND 21794
 PHONE: 443-300-2268



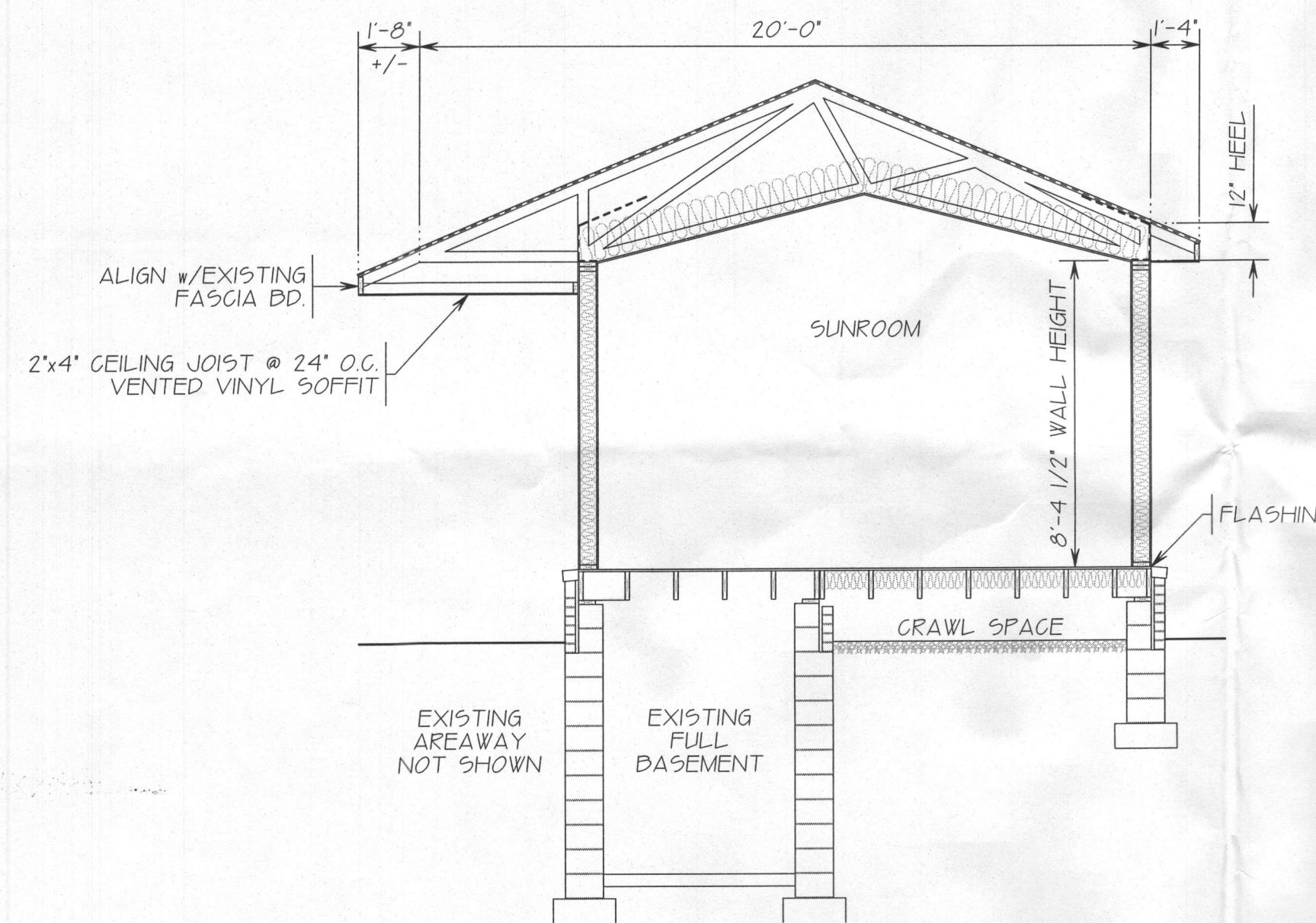
RIGHT SIDE ELEVATION



REAR ELEVATION

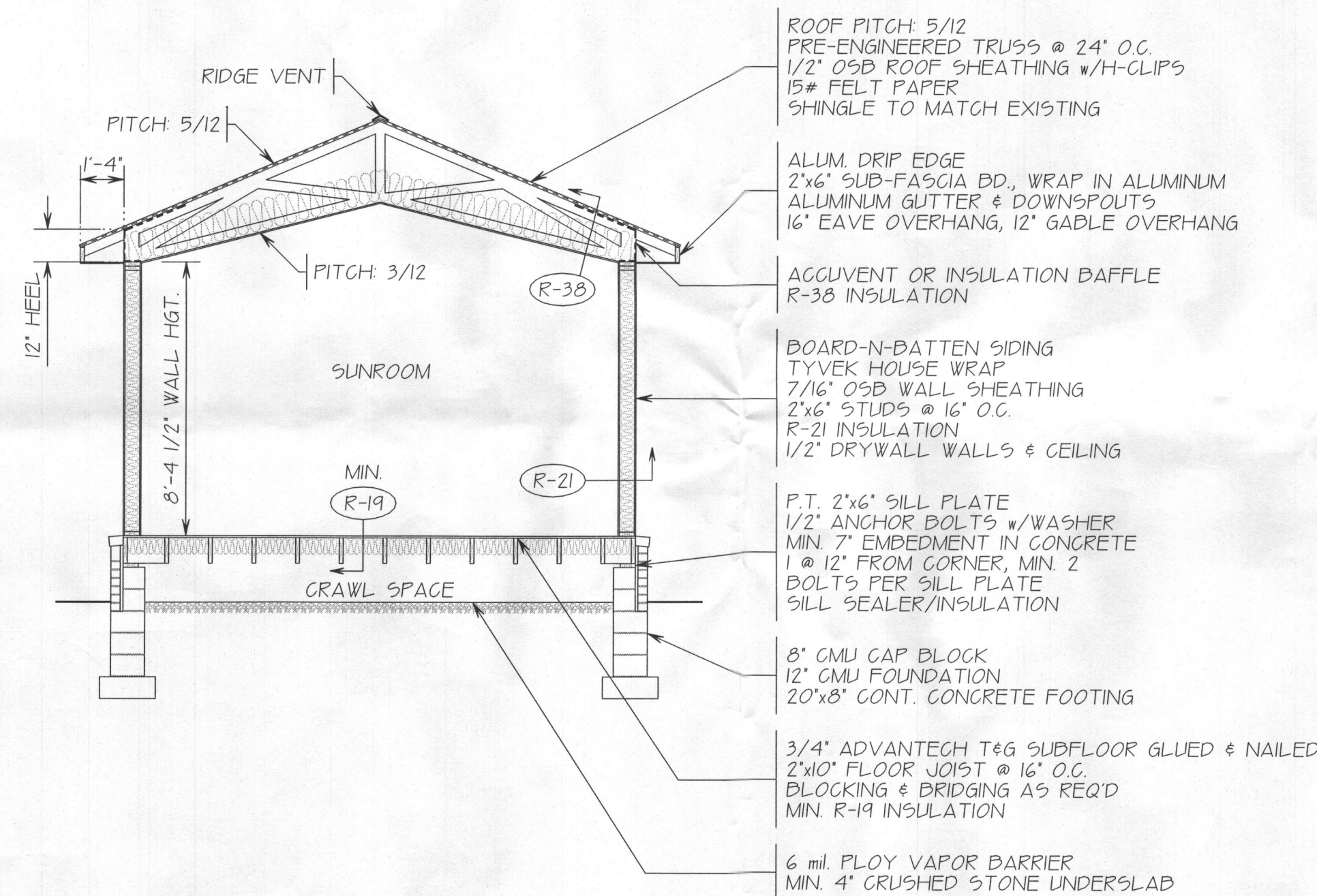


LEFT SIDE ELEVATION



BUILDING SECTION 'A-A'

TRUSS CONFIGURATION SHOWN DIAGRAMATICALLY ONLY CONSULT TRUSS MANUFACTURER FOR SPECIFICATIONS & ACTUAL CONFIGURATION. T.P.I. APPROVED

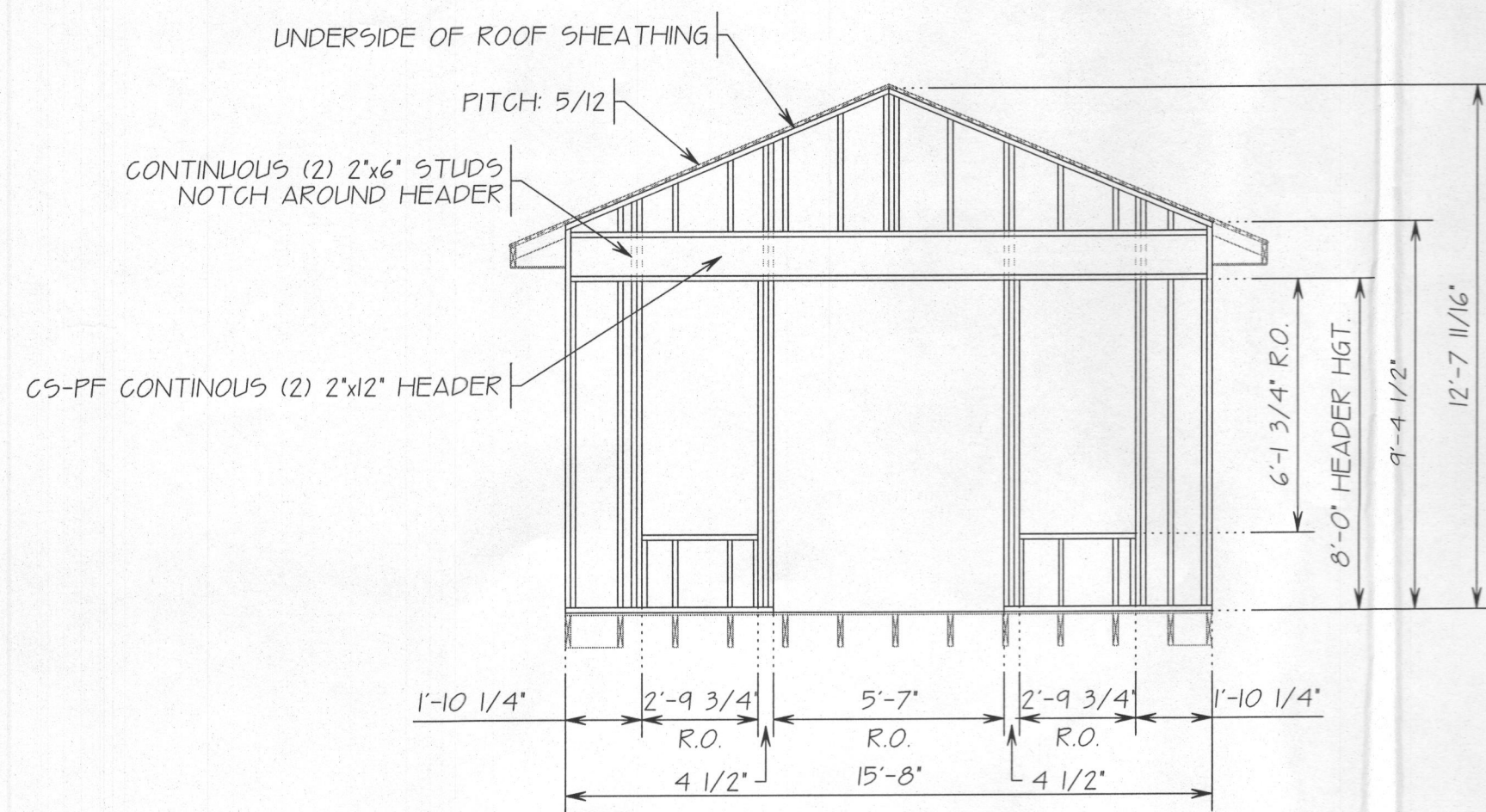


BUILDING SECTION 'B-B'

WIND SPEED 90 mph

1st FLOOR BRACED WALL SYSTEM			
1st FLOOR WALL LINE	PANEL TYPE	REQUIRED LENGTH	PROVIDED LENGTH
A	C5-W5P	42'	64'
B	C5-W5P	42'	64'
I	C5-W5P	42'	44'

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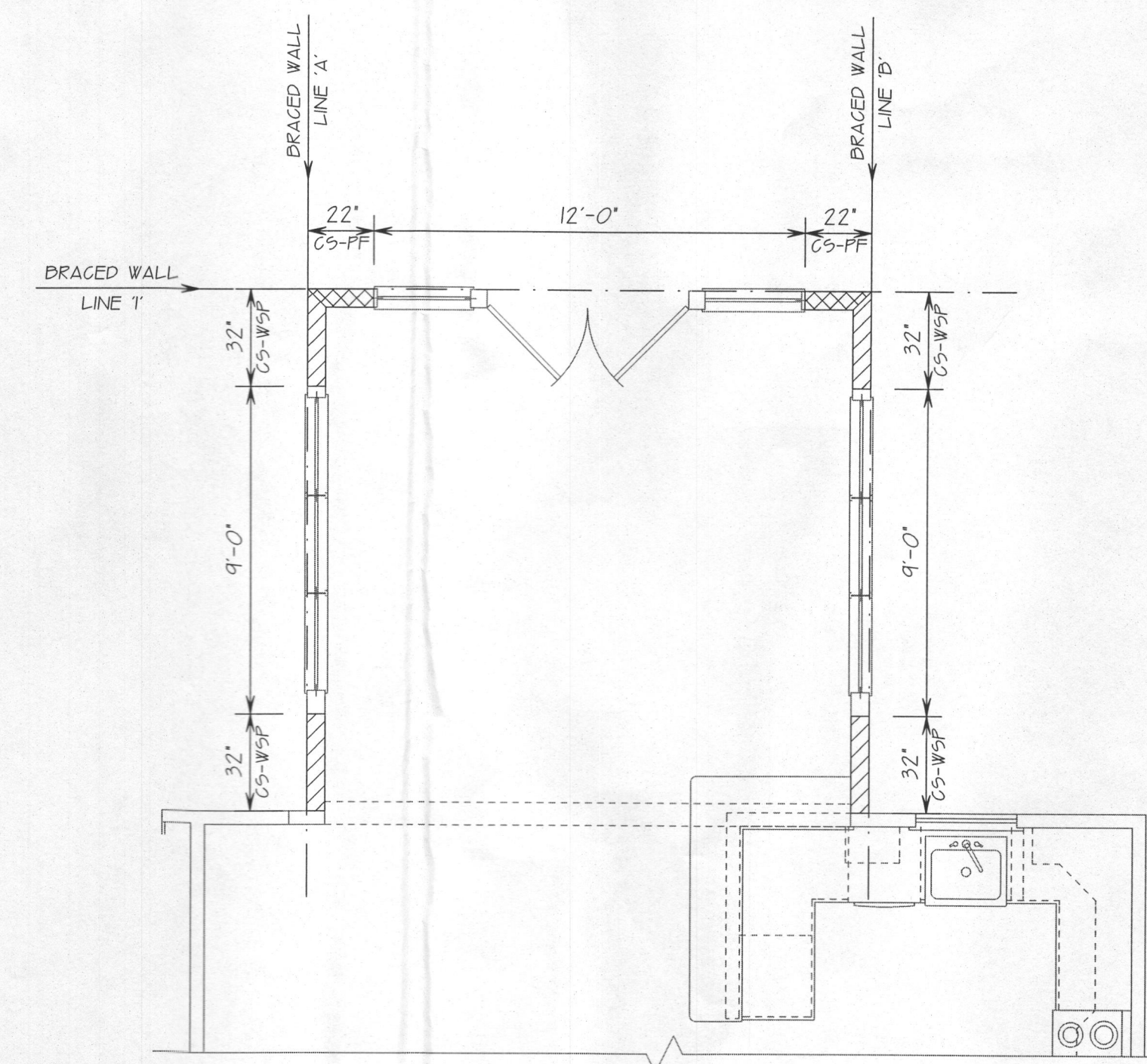


REAR WALL FRAMING LAYOUT

- (H) HOLD-DOWN (800lb MIN)
- [Hatched Box] INTERIOR BRACED WALL, SEE NOTE 1
- [Diagonal Lines] C5-W5P CONTINUOUS SHEATHING WOOD STRUCTURAL PANEL SEE NOTE 2
- [Cross-hatched Box] C5-PF CONTINUOUS SHEATHING PORTAL FRAME SEE NOTE 3

1. 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.
2. CONTINUOUS SHEATHING-WOOD STRUCTURAL PANEL - MINIMUM 24" PANEL SHALL BE LOCATED AT EACH END OF A 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.
3. DESIGNATED PORTAL FRAMING BRACING SHALL BE CONSTRUCTED IN ACCORDANCE WITH DETAILS R60210.6.4 OF THE IRC 2012 CONTINUOUS PORTAL FRAME PANEL. SEE SHEET A-12. THIS DRAWING SHOWS BRACED WALL LINES WITH 'CONTINUOUS STRUCTURAL PANEL SHEATHING' MEETING THE MINIMUM REQUIREMENTS OF SECTION R60210.3 OF THE IRC. BRACED WALLS ARE OF THE MINIMUM LENGTHS SPECIFIED IN IRC 2012 R60210.3(1)

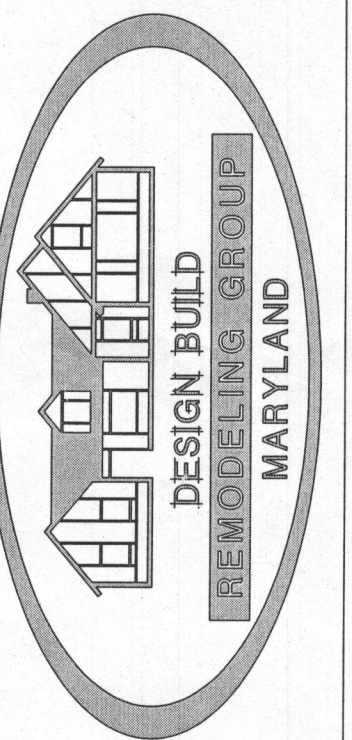
BRACED WALL PANEL LOCATION



SCALE 1/4" = 1' 0"

ELEVATIONS, BUILDING SECTIONS & BRACED WALL PANEL LOCATION
NEW ADDITION FOR: BUJRT RESIDENCE 2530 PFEFFERKORN WEST FRIENDSHIP, MD 21794
DATE: APRIL 22, 2014
SCALE: 1/4" = 1' 0"

CREATIVE OUTLOOKS, LLC
PHILIP F. GUGLIUZZA
CUSTOM HOME PLANNING & DESIGN
HOME ADDITION-REMODELING DESIGN
COMPLETE CONSTRUCTION PLANS
PHONE: 410-234-0261

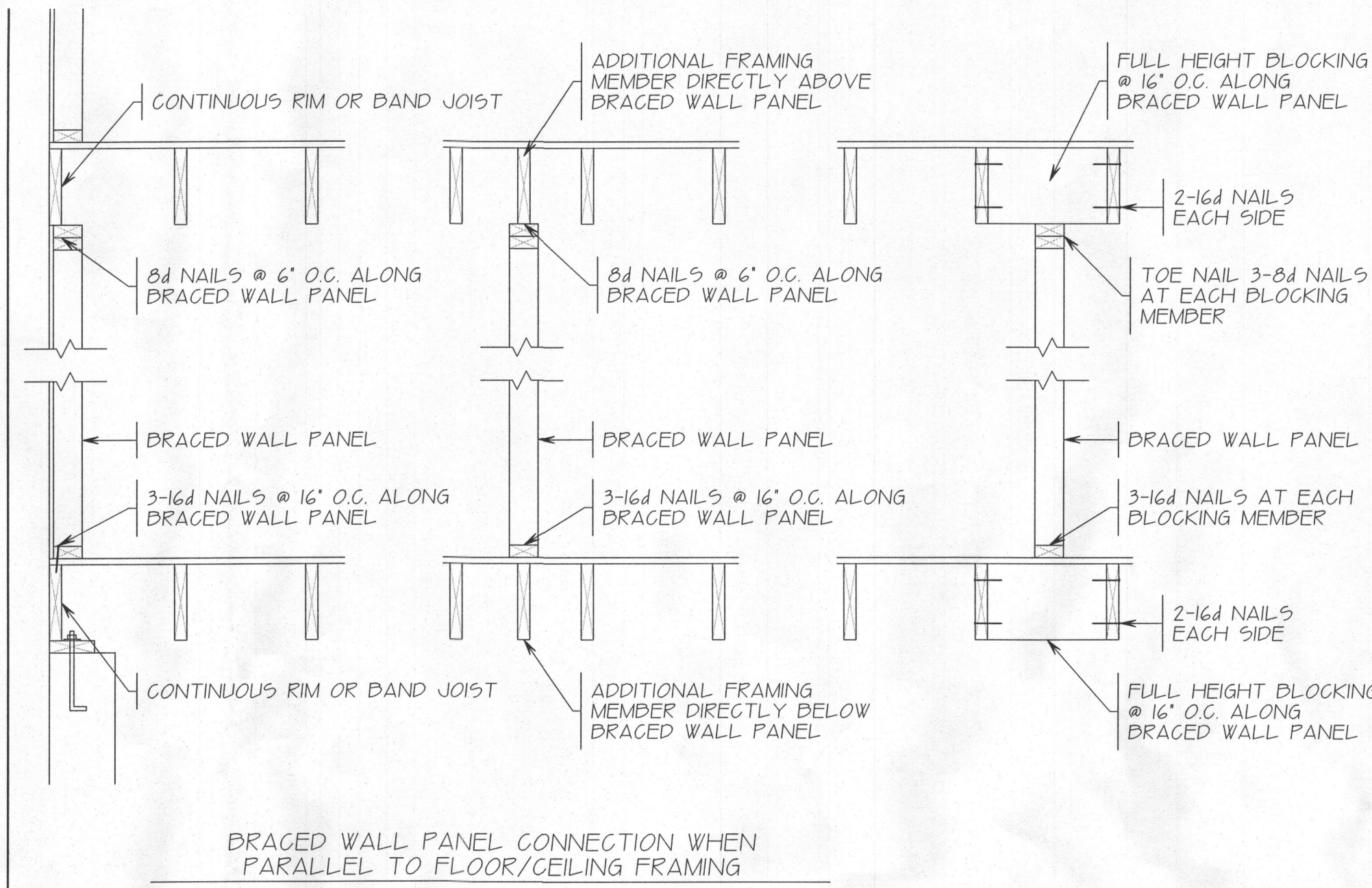
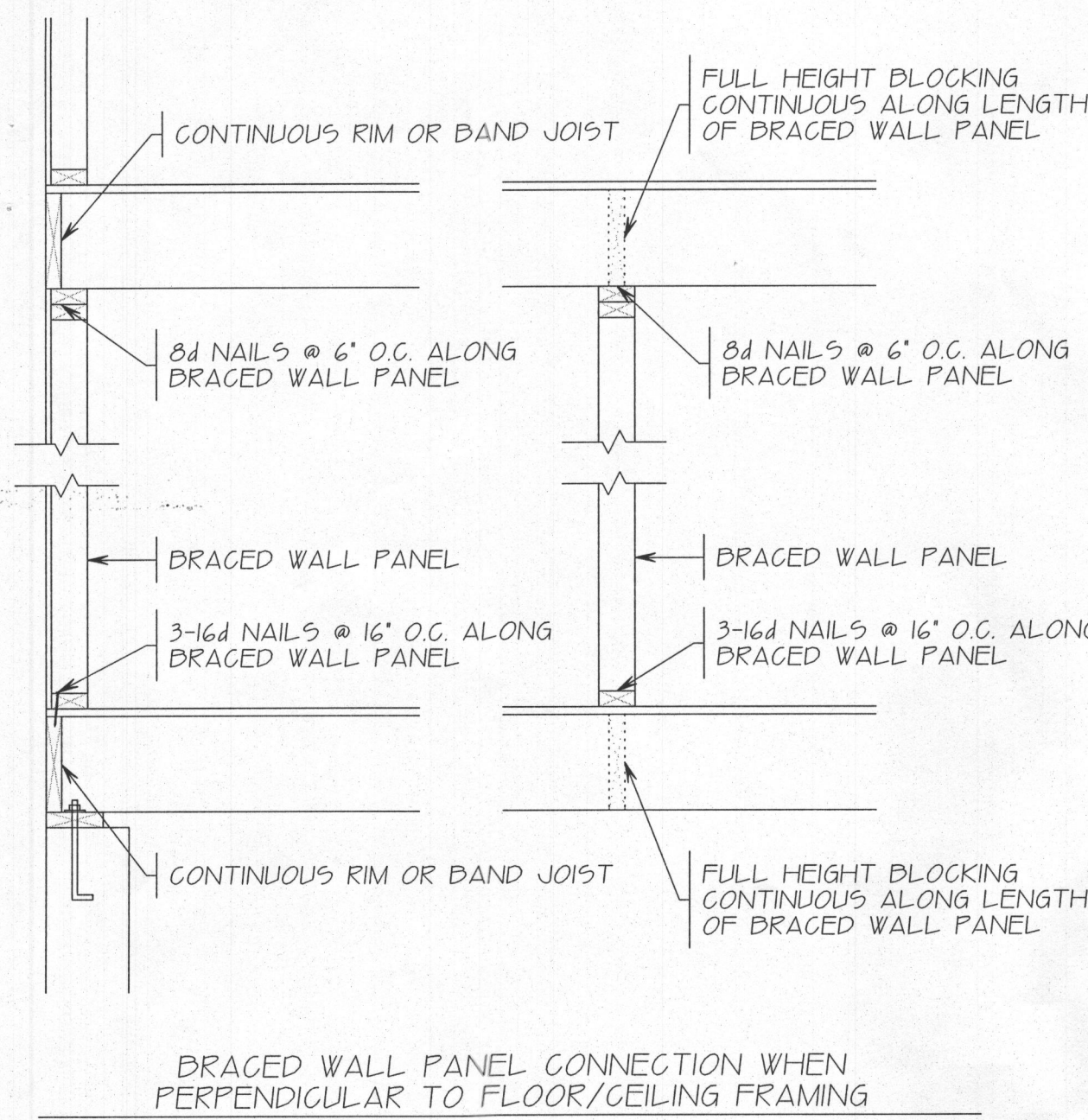


ADDITIONS: GARAGE, FAMILY ROOM, IN-LAW SUITE, & MORE
KITCHEN REMODEL & ADDITIONS
BASEMENT'S
AGING/DISABILITY NEEDS
P.O. BOX 1245
SPYKESVILLE, MARYLAND 21784
PHONE: 443-300-2269

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SHEET No.

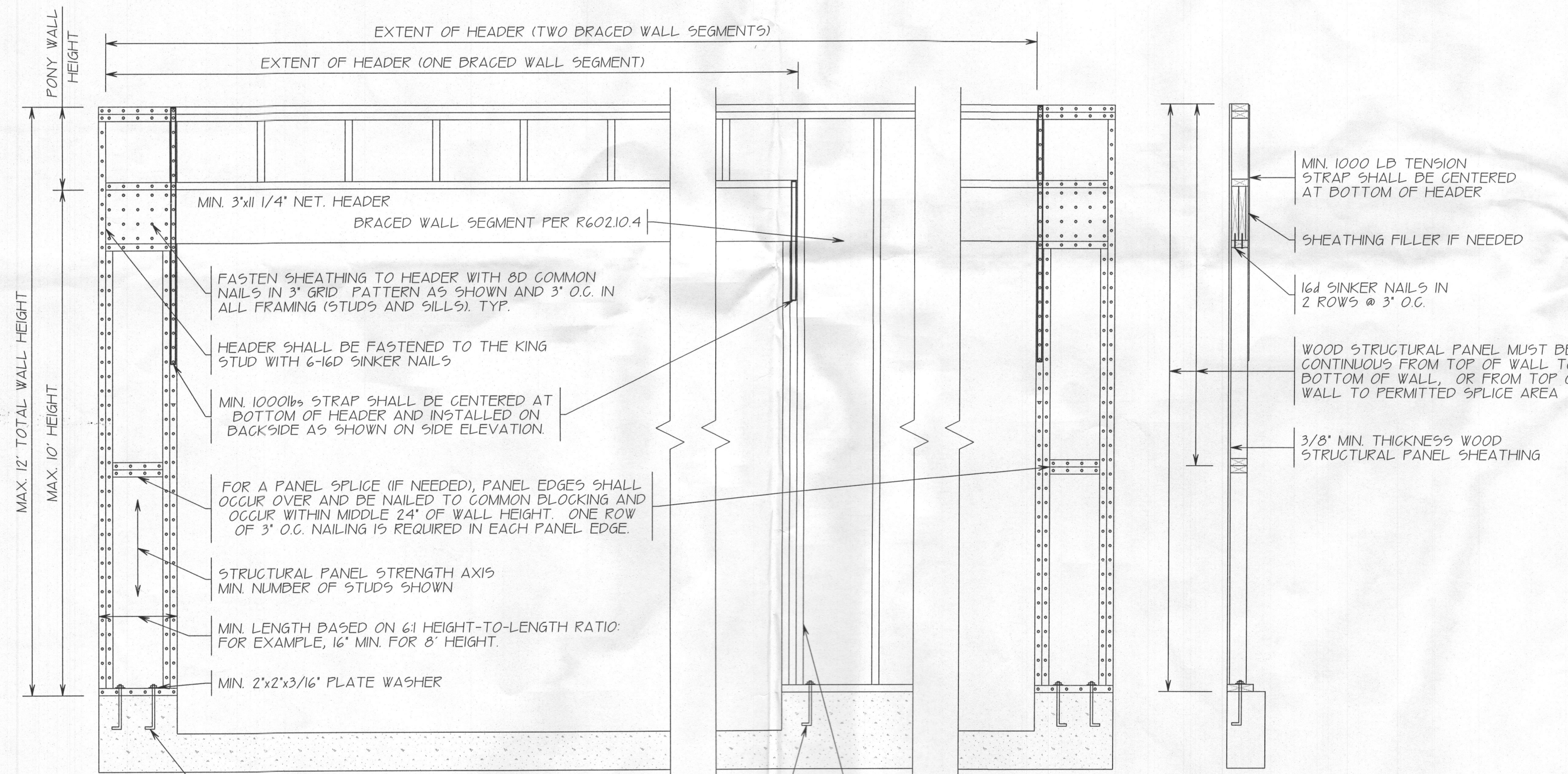
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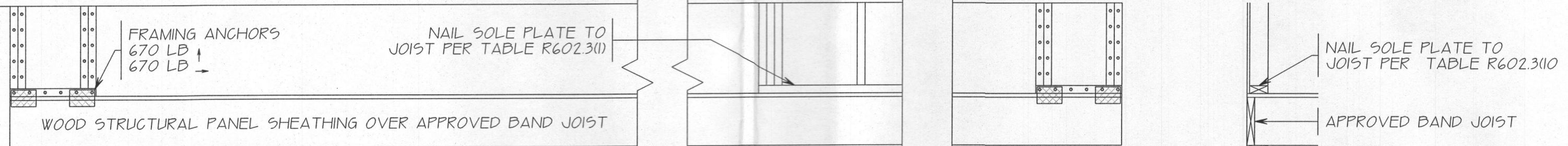
BRACED WALL PANEL CONNECTION WHEN PERPENDICULAR TO FLOOR/CEILING FRAMING

BRACED WALL PANEL CONNECTION WHEN PARALLEL TO FLOOR/CEILING FRAMING

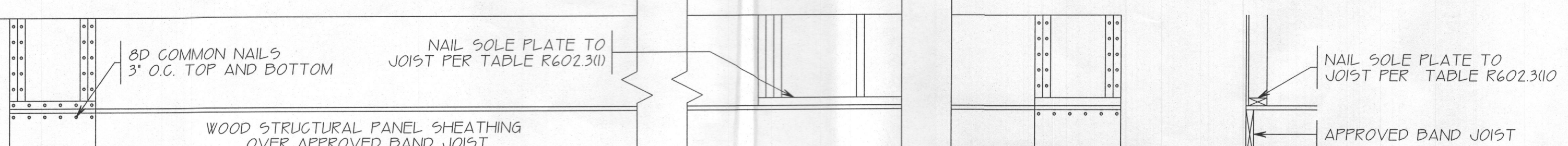
BRACED WALL CONNECTION TO FLOOR/CEILING



OVER CONCRETE OR MASONRY BLOCK FOUNDATION

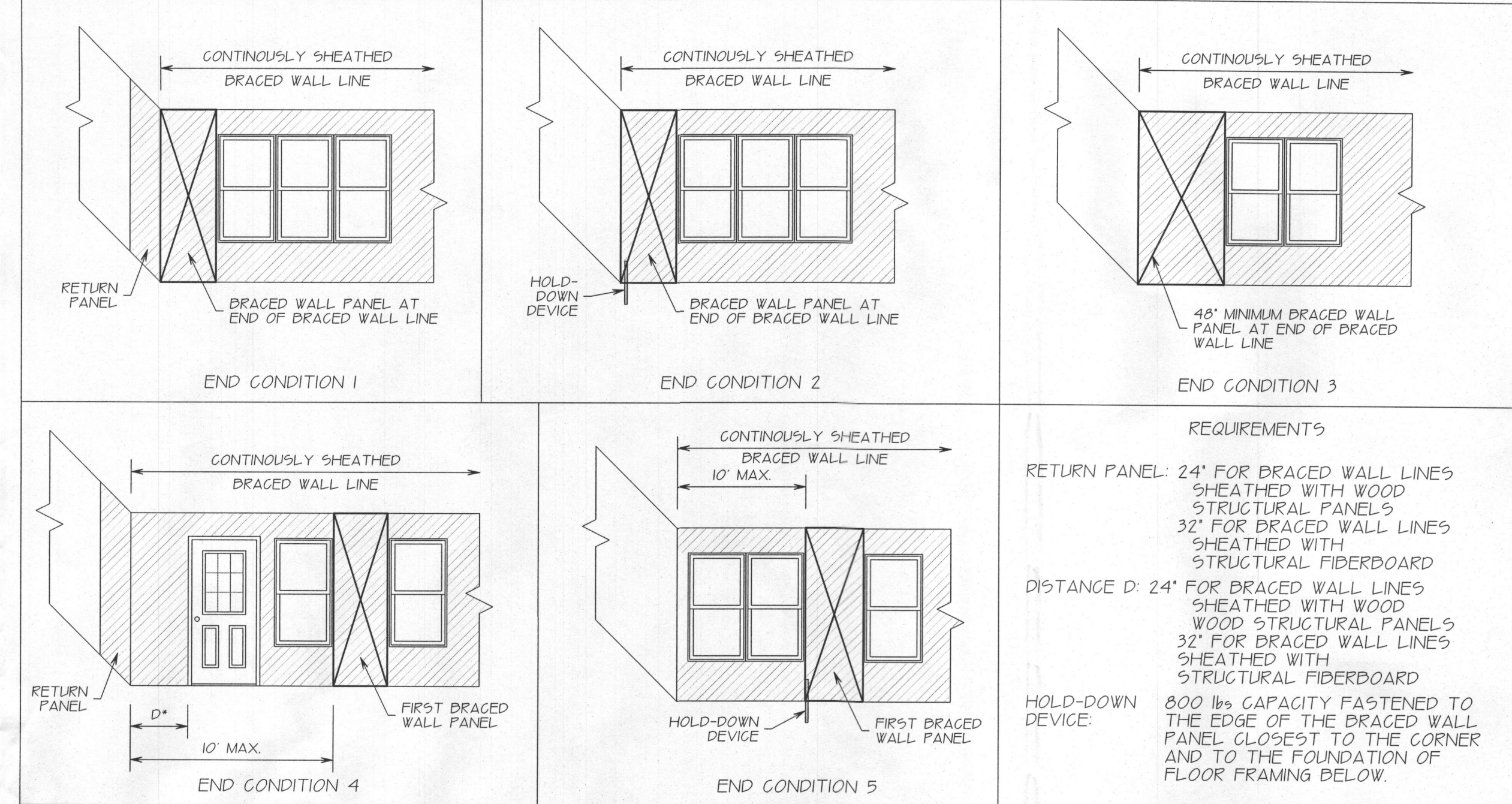


OVER RAISED WOOD FLOOR OR SECOND FLOOR - RAISED ANCHOR OPTION



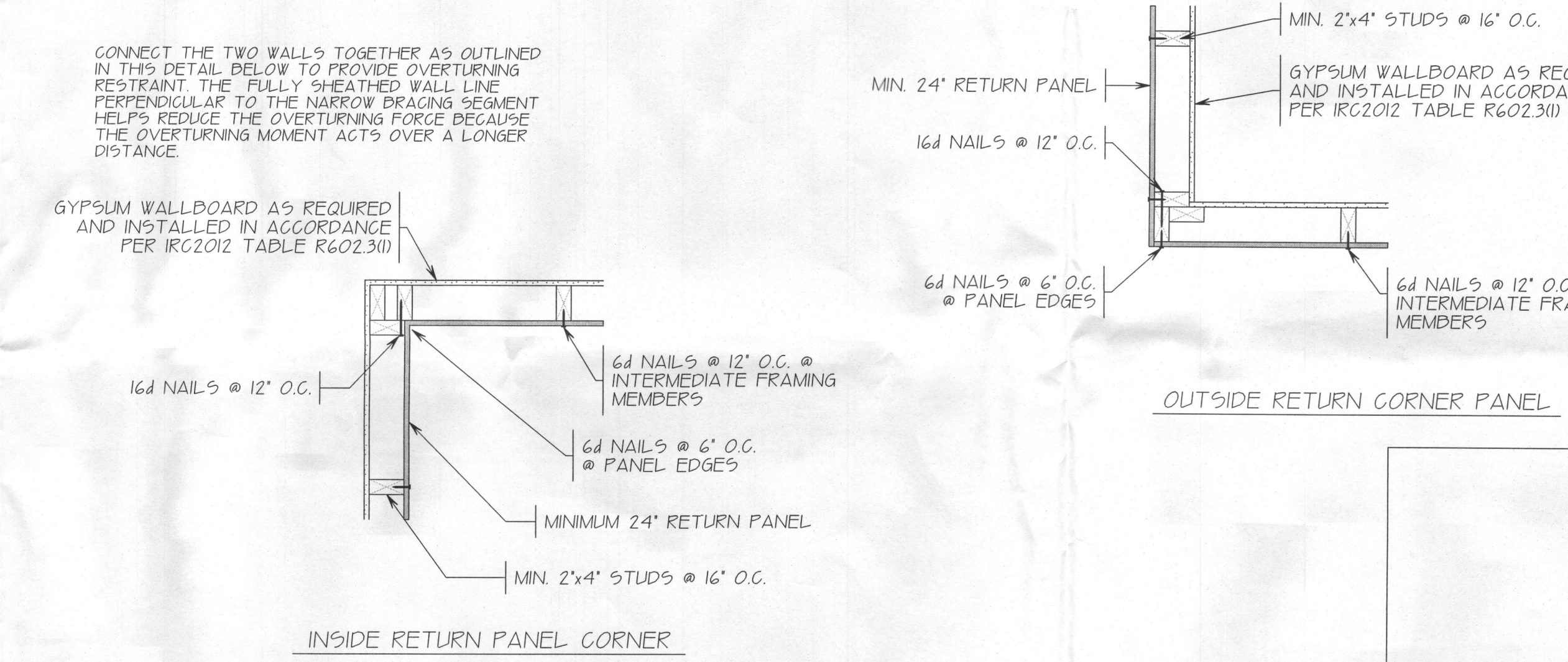
OVER RAISED WOOD FLOOR OR SECOND FLOOR - WOOD STRUCTURAL PANEL OVERLAP OPTION

PORTAL WALL DETAIL



RETURN PANEL: 24\"/>

BRACE PANEL LOCATION



INSIDE & OUTSIDE CORNER DETAIL

PRESCRIPTIVE R-VALUE

TABLE R402.1.1 INSULATION AND FENESTRATION REQUIREMENTS BY COMPONENT (2012 IECC)

CLIMATE ZONE	FENESTRATION U-FACTOR	SKYLIGHT U-FACTOR	GLAZED SHGC	CEILING R-VALUE	WOOD FRAME WALL R-VALUE	MASS WALL R-VALUE	FLOOR R-VALUE	BASEMENT R-VALUE	SLAB R-VALUE & DEPTH	CRAWL SPACE R-VALUE
4 EXCEPT MARINE	0.35	0.55	0.4	R-38 @ 12\"/>						

- R301 CLIMATE ZONE 4
- R401.2 COMPLIANCE METHOD: MANDATORY AND PRESCRIPTIVE PROVISIONS
- R402.1.1 ATTIC INSULATION R-49 R-49 OR R-38 WITH RAISED HEEL
- R402.1.1 WOOD FRAME WALL R-20 OR R-15 + R3 CONTINUOUS INSULATION
- R402.1.1 BASEMENT WALL INSULATION R-15/R-10 FOIL FACED CONTINUOUS, UNINTERRUPTED DATTS FULL HEIGHT
- R402.1.1 CRAWL SPACE WALL INSULATION R-15/R-10 FOIL FACED CONTINUOUS DATTS FULL HEIGHT EXTENDING FROM FLOOR ABOVE TO FINISHED GRADE LEVEL AND THEN VERTICALLY OR HORIZONTALLY AN ADDITIONAL 2'-0"
- R402.1.1 FLOOR INSULATION OVER UNCONDITIONED SPACE R-19 DATTS INSULATION
- R402.1.1 WINDOW U-VALUE/SHGC .35 (U-VALUE) .40 (SHGC)
- R402.2.4 SLAB ON GRADE FLOORS LESS THAN 12\"/>

REVIEWED FOR STRUCTURAL SUPPORT, FOUNDATION, STEEL DEAMS, MICRO-LAMS, HEADERS & WALL BRACING ONLY.

Professional Certification I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the state of Maryland.

License No. 9862, Expiration Date: 5-17-16

TMM CONSULTING SERVICES, LLC
7941 HOLLOW RD.
MIDDLETOWN, MD 21769
240-439-9518

DRACED PANEL NOTES & DETAILS 2012 IECC CODE COMPLIANCE

NEW ADDITION FOR: BURT RESIDENCE 2530 PFEFFERKORN WEST FRIENDSHIP, MD 21794

DATE: APRIL 22, 2015 DRAWING: SCALE: 1/4\"/>

CREATIVE OUTLOOKS, LLC
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ADDITIONS: GARAGE, FAMILY ROOM, OWNER'S SUITE & BATHROOMS, IN-LAW SUITES & MORE
KITCHEN REMODEL & ADDITIONS
WHOLE HOUSE RENOVATIONS
AGENCY/RESIDUALITY NEEDS

P.O. BOX 2895
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PHONE: 443-300-2266

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