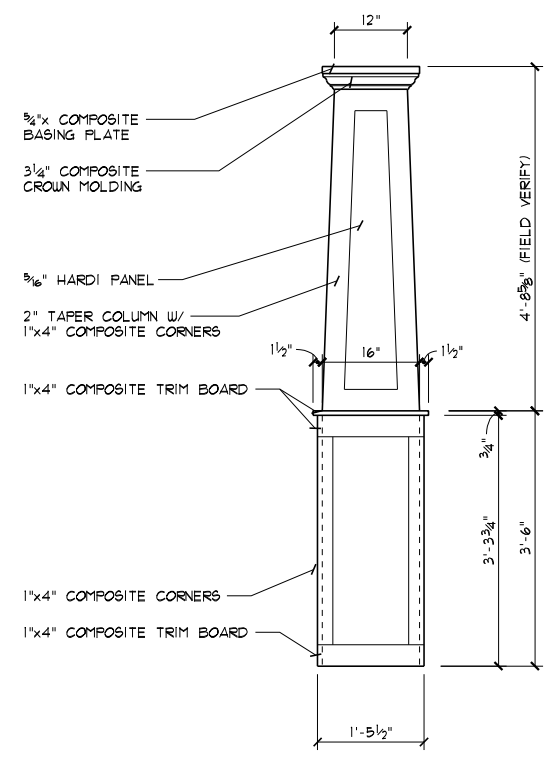


**FRONT ELEVATION**  
 SCALE: 1/8"=1'-0"



**TAPERED COLUMN DETAIL**  
 SCALE: 3/8"=1'-0"

THE PLANS HAVE BEEN DRAWN TO THE 2013 RESIDENTIAL CODE OF OHIO & THE OHIO HOME BUILDERS ASSOCIATION (OHBA) ALTERNATIVE ENERGY CODE OPTION, COMPLIANCE PATH #1.

MAX GRADE SLOPE TO BE 3:1 W/ TYPICAL GRADE TO SLOPE A MIN OF 6" IN THE FIRST 10'-0" FROM HOUSE STRUCTURE.

LOW "E" WINDOWS

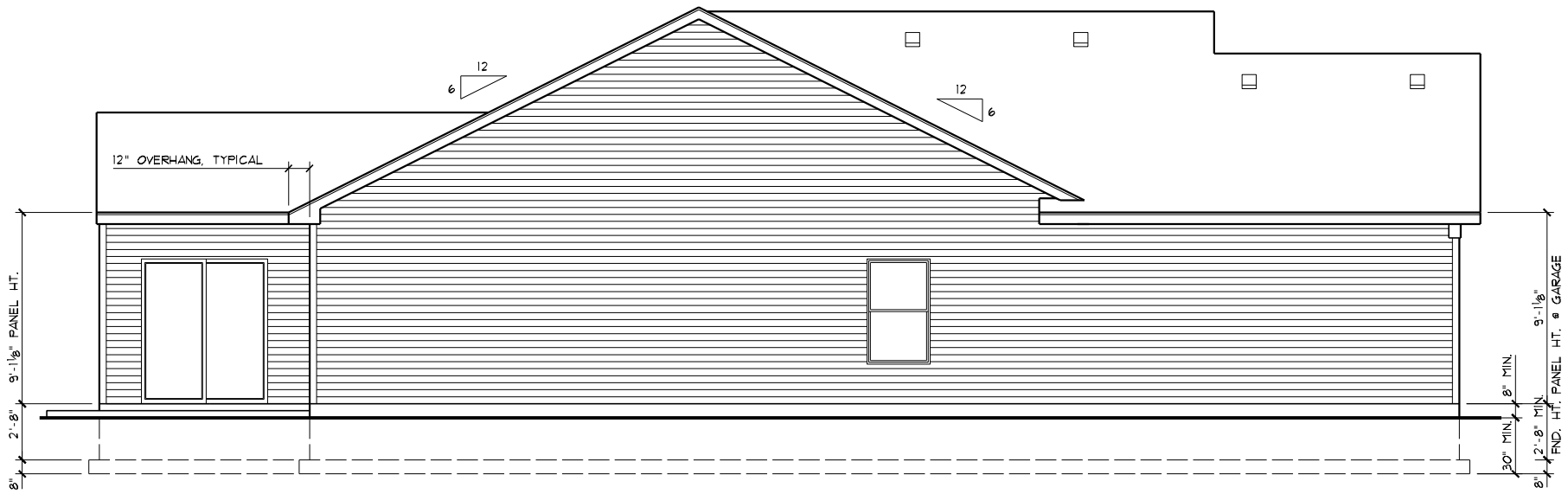
(CS-USP) METHOD OF WALL BRACING: ENTIRE EXTERIOR OF HOUSE TO BE CONTINUOUSLY SHEATHED WOOD O.S.B. STRUCTURAL PANELS INCLUDING GABLE ENDS

EXTERIOR SHEATHING SHALL BE FASTENED TO THE WOOD FRAMING USING ONE OF THE FOLLOWING TWO METHODS:

8d COMMON (2"x0.113") NAILS, SPACING SHALL BE 6" ON THE SHEATHING EDGES & 12" ON THE INTERMEDIATE SUPPORTS.

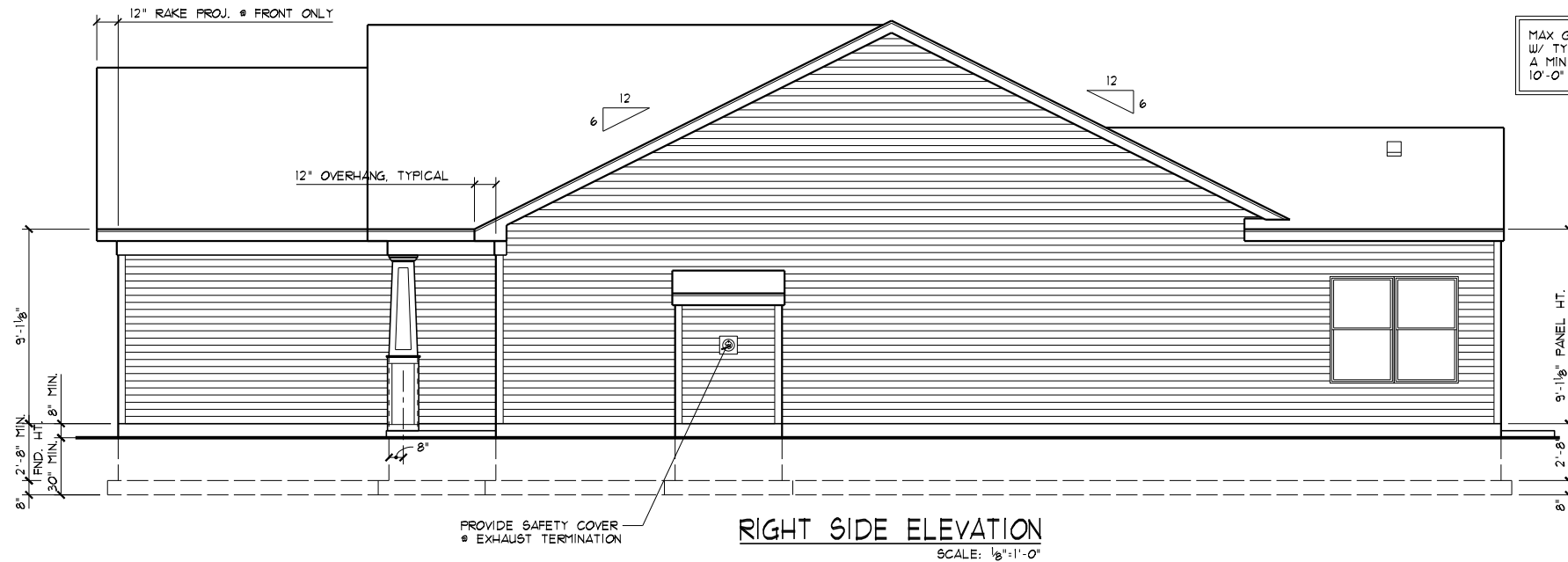
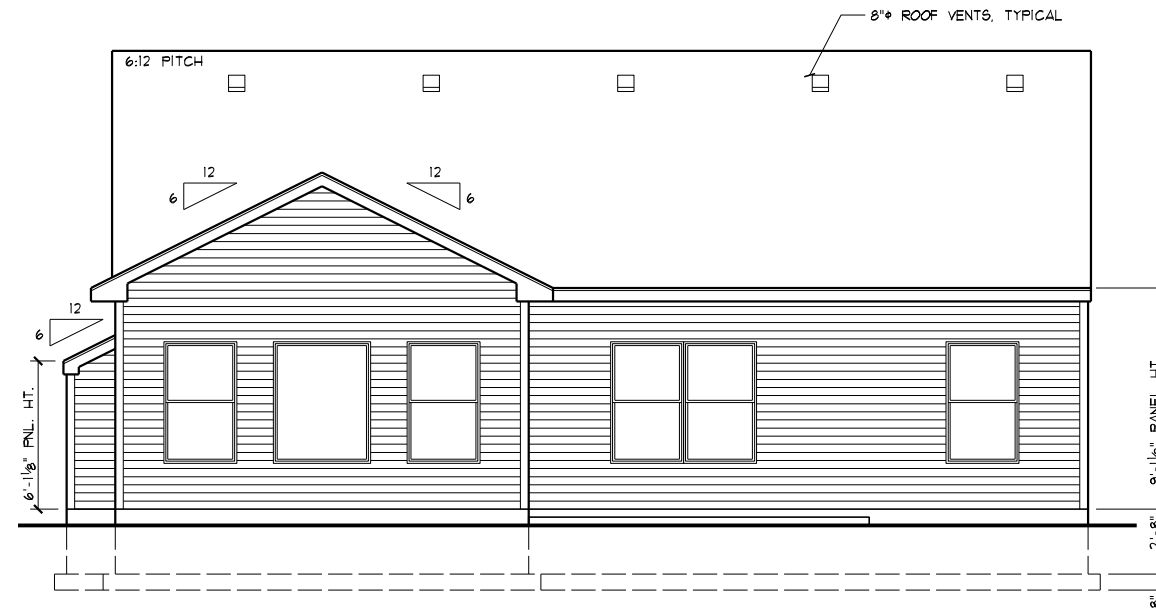
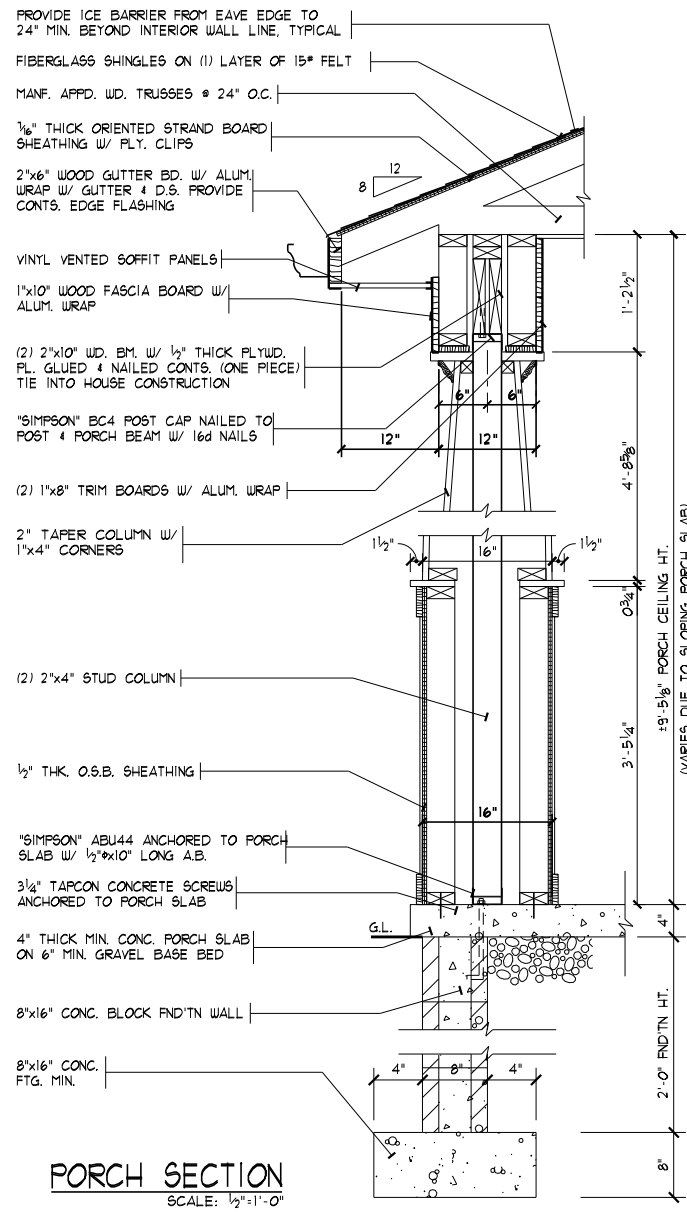
8d COMMON (2.5"x0.131") NAILS, SPACING SHALL BE 6" ON THE SHEATHING EDGES & 12" ON THE INTERMEDIATE SUPPORTS.

- PER 2013 RCO TABLES R602.3(1) & R602.3(2) -



**LEFT SIDE ELEVATION**  
 SCALE: 1/8"=1'-0"

SHEET INDEX	
SHEET #	DESCRIPTION
A1	FRONT & RIGHT SIDE ELEVATIONS
A2	REAR & LEFT SIDE ELEVATIONS
A3	FOUNDATION PLAN
A4	FIRST FLOOR PLAN
A5	DETAILS
A6	SECTIONS, GENERAL NOTES, "U" VALUES
A7	GARAGE PORTAL OPENING DETAILS
B1	LIGHTING LAYOUT
ATTACHED	SITE PLAN & ZONING CERTIFICATE



LOW "E" WINDOWS

FOR TYPICAL NOTES & DIMENSIONS ON ELEVATIONS REFER TO SHEET A1.

MAX GRADE SLOPE TO BE 3:1 W/ TYPICAL GRADE TO SLOPE A MIN OF 6" IN THE FIRST 10'-0" FROM HOUSE STRUCTURE.

DATE: 07/30/17  
REV.: 08/15/17  
DRAWN BY: S.W.R.  
SCALE: 1/8"=1'-0"

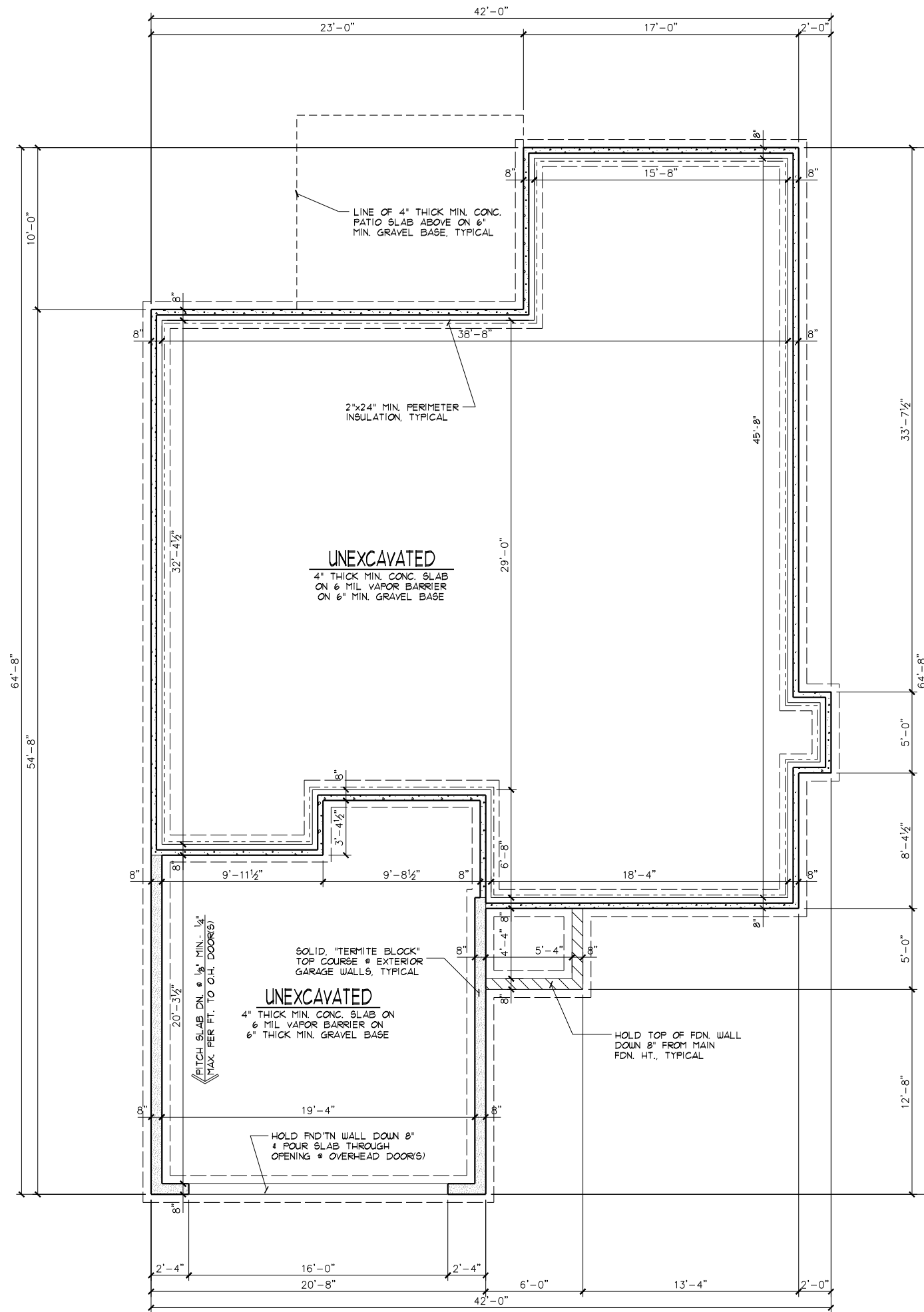
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6152 Primrose Lane  
Fairfield, Ohio 45014  
Phone: (513) 939-0035  
SuperiorDesigns@fuse.net  
Simply better home plans  
JOB #: HV146

PROPOSED RESIDENCE FOR:  
**LOUIS JAKOBI**  
3143 Yellowtail Terrace  
Morrow, OH 45132  
Hopewell Valley, Lot# 146  
Elevation J - Slab

**Potterhill Homes**  
5400 Dupont Circle, Suite J  
Milledale, Ohio 45150  
EST. 1978

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A2



**FOUNDATION GENERAL NOTES**

1. PROVIDE CONTROL JOINT IN CONC. FLOOR SLABS @ 30'-0" MAX. SPACING EACH WAY & @ FND'TN OFFSETS EXCEEDING 10'-0".
2. ANY WOOD WHICH CONTACTS CONCRETE TO BE PRESSURE TREATED MATERIAL.

**FOUNDATION PLAN**

SCALE: 1/8"=1'-0"

1,499# MAIN SLAB  
 436# GARAGE SLAB  
 30# PORCH SLAB  
 184'-8" MAIN WALLS  
 59'-4" GARAGE WALLS  
 11'-0" PORCH WALLS  
 260'-2" FOOTERS

DATE: 07/30/11

REV.: 08/15/11

DRAWN BY: S.W.R.

SCALE: 1/8"=1'-0"

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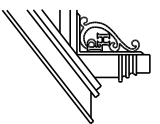
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 Morrow, OH 45152  
 Hopewell Valley, Lot# 146

Elevation J - Slab

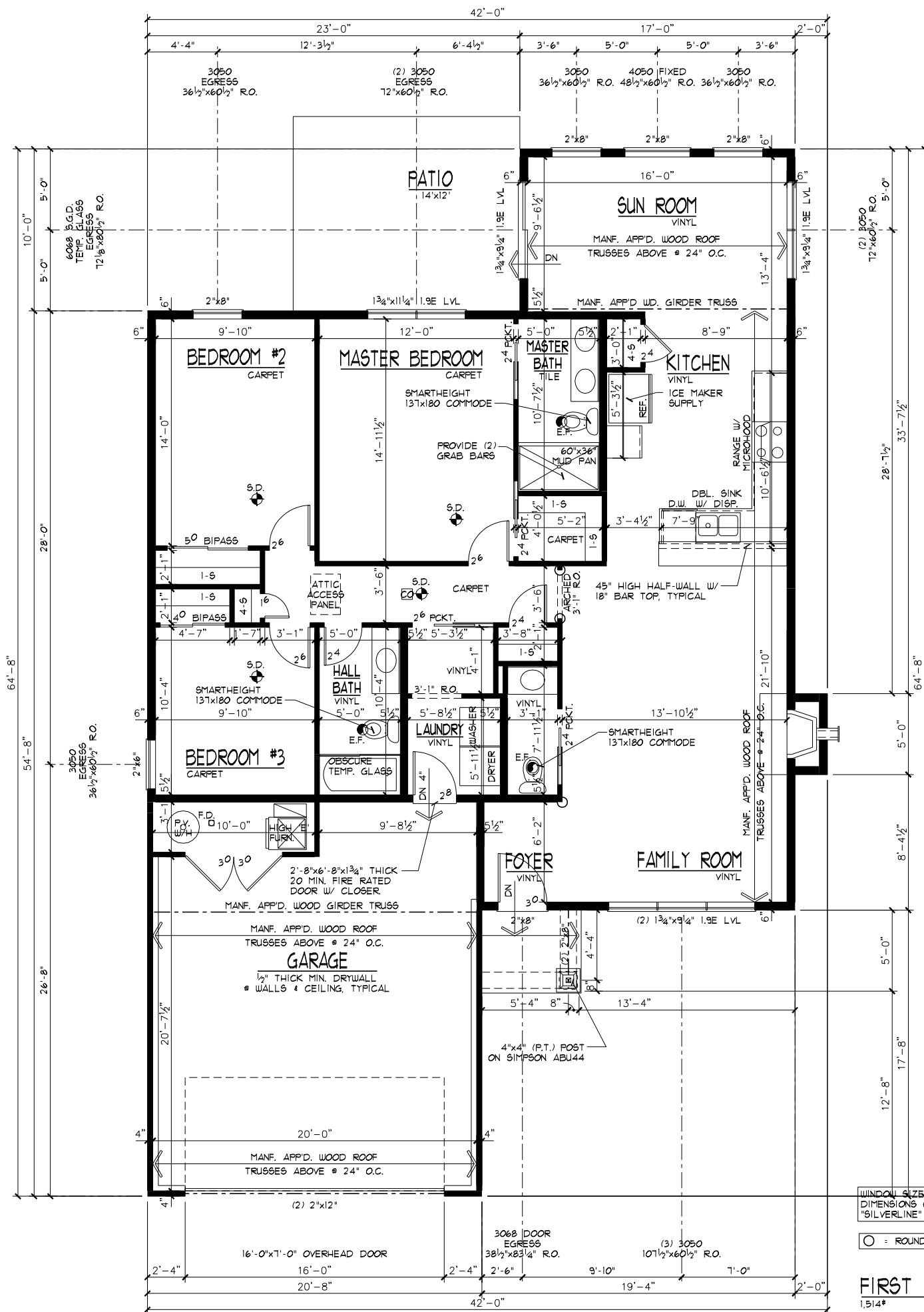
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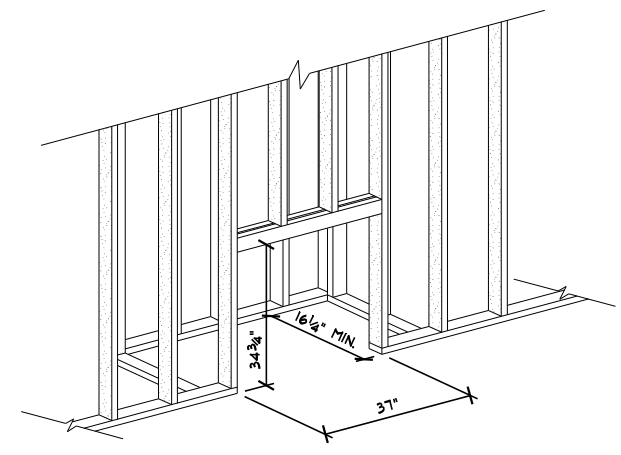
A3



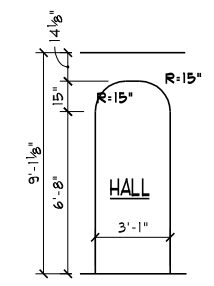
WINDOW SIZES & ROUGH OPENING DIMENSIONS GIVEN ARE BASED ON "SILVERLINE" VINYL WINDOWS

○ = ROUNDED CORNERS

**FIRST FLOOR PLAN**  
SCALE: 1/8"=1'-0"



**FIREPLACE FRAMING DETAIL**  
FAMILY ROOM  
NOT TO SCALE



**ARCHED OPENING DETAILS**  
SCALE: 1/8"=1'-0"

**FLOOR PLAN GENERAL NOTES**

- S.D. = 110V SMOKE ALARMS UTILIZING PHOTOELECTRIC TO BE LOCATED OUTSIDE OF BEDROOMS & IONIZATION TECHNOLOGIES (SEPARATE OR DUAL-SENSING) TO BE LOCATED INSIDE OF BEDROOMS INTERCONNECTED W/ BATTERY BACKUP
- ROUGH FRAME HEADER HT. & EXT. WDW'S & DOORS TO BE 6'-10 3/8" (6'-11 1/4" @ DOORS W/ TILE OR HDWD. FLOORS); HEADER HT. @ INTERIOR DOORS & OPENINGS TO BE 6'-11", U.N.O.
- ATTIC ACCESS PANEL TO BE APP'D. 22"x30" MIN. ROOF FRAMER TO PROVIDE ACCESS TO ALL OVER-FRAMED ROOF AREAS FOR PROPER ATTIC VENTILATION & INSULATION.
- ALL TRUSS SPAN INDICATORS & GIRDER TRUSS LOCATIONS NOT SHOWN FOR PLAN CLARITY. TRUSSES TO BE DESIGNED FOR 24" O.C. W/ MINIMUM 175LB. UPLIFT FASTENERS. REFER TO TRUSS MANF. LAYOUT FOR SPANS & GIRDER TRUSS LOCATIONS. BEARING POINT REQUIREMENTS FOR GIRDERS ARE TYPICALLY: (1) STUD FOR EACH PLY; IF SPECIAL CONDITIONS EXIST TRUSS MANF. TO CALL OUT BEARING REQUIREMENT ON TRUSS FRAMING LAYOUT.
- HEADERS/BEAMS NOTED ON PLAN TO HAVE MIN. OF 3 1/2"x1 1/2" SOLID WOOD BEARING TO TOP OF FOUNDATION OR BASEMENT BEAM @ EACH END, UNLESS NOTED OTHERWISE.
- PROVIDE 36" MIN. CLEAR AISLE @ ALL CABINETS, ISLANDS, & PENINSULAS
- EGRESS REQUIREMENTS: HEIGHT: 24" MIN. WIDTH: 20" MIN. AREA: 5.71, GILL: 44" MAX. Uo: 0.34 MAX.
- ALL WALLS TO BE GLUED TO SLAB.
- EXTERIOR LANDINGS: 3'x3' LANDING WITHIN 8 1/4" OF THE TOP OF THE THRESHOLD @ FRONT DOOR. 3'x3' LANDING/DECK WITHIN 16 1/2" OF THRESHOLD @ REAR/SIDE DOORS.
- HALF-WALLS TO BE 36" HIGH (45 1/2" @ KITCHENS) W/ WOOD CAP UNLESS NOTED OTHERWISE.
- PROGRAMMABLE TYPE THERMOSTAT TO BE INSTALLED.
- CO = CARBON MONOXIDE ALARM COMPLYING W/ U.L. 2034 SHALL BE INSTALLED OUTSIDE OF EACH SEPARATE SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE BEDROOMS.
- FIREPLACE TO BE PREFAB MTL. DIRECT VENT GAS FIREBOX (SEALED UNIT) W/ CONE. AIR INTAKE FROM EXT. INSTALL PER MANF. SPEC'S. PROVIDE SAFETY COVER @ EXHAUST TERMINATION.

**LOW "E" WINDOWS**

CEILING HTS. ARE 9'-1 1/8", U.N.O.

DATE: 01/30/17  
 REV.: 08/15/17  
 DRAWN BY: S.W.R.  
 SCALE: 1/8"=1'-0"  
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 3143 Yellowtail Terrace  
 Morrow, OH 45152  
 Hopewell Valley, Lot# 146  
 Elevation J - Slab

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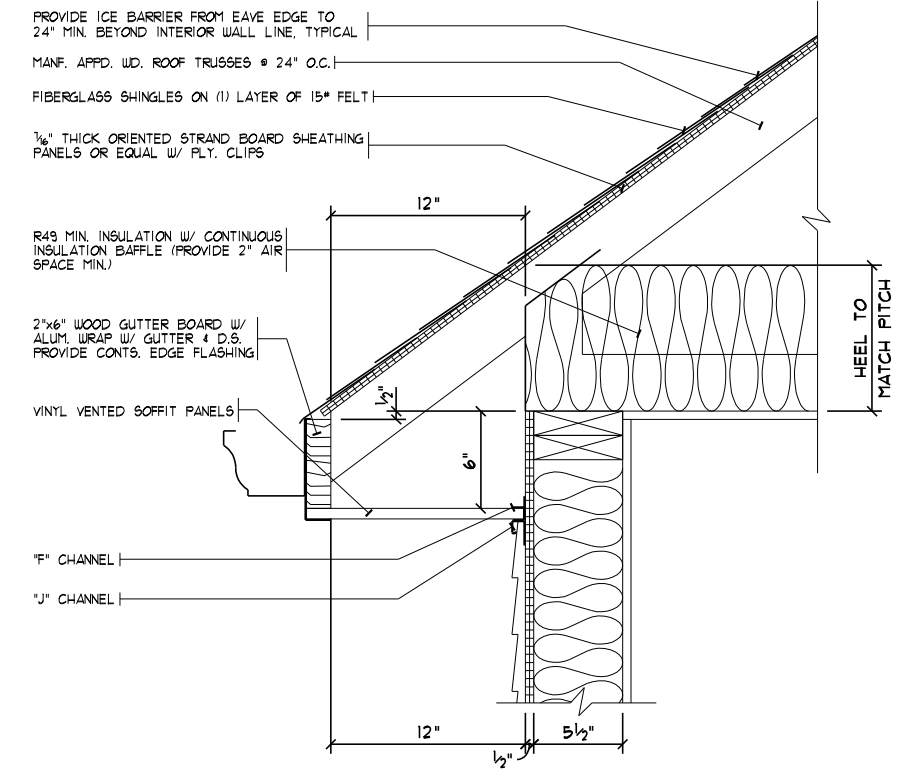
**A4**



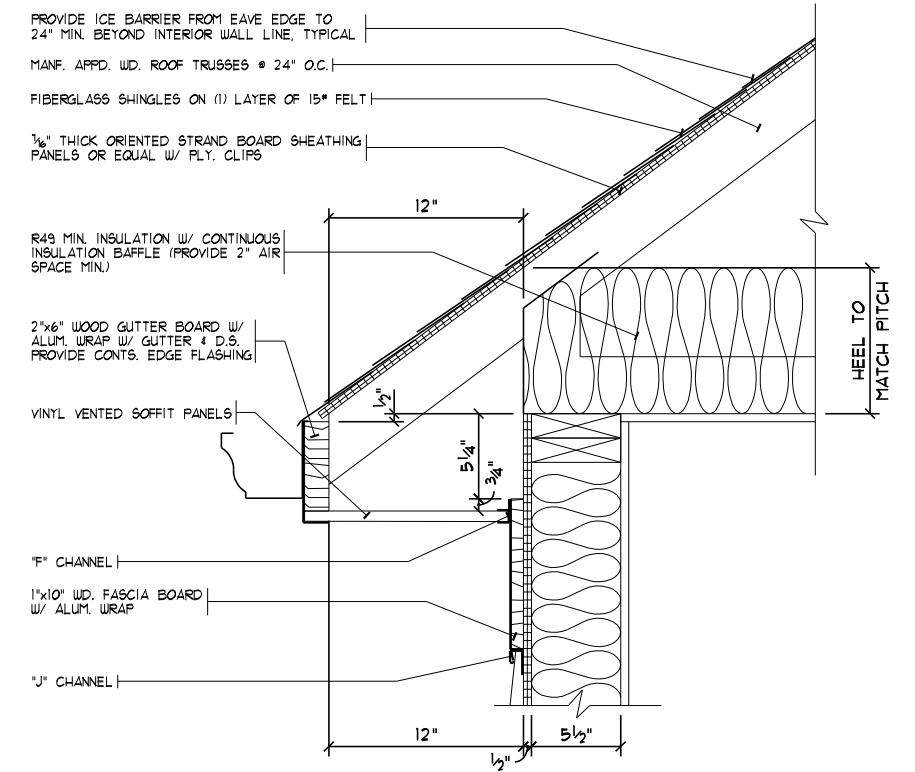
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 Morrow, OH 45152  
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 Elevation J - Slab

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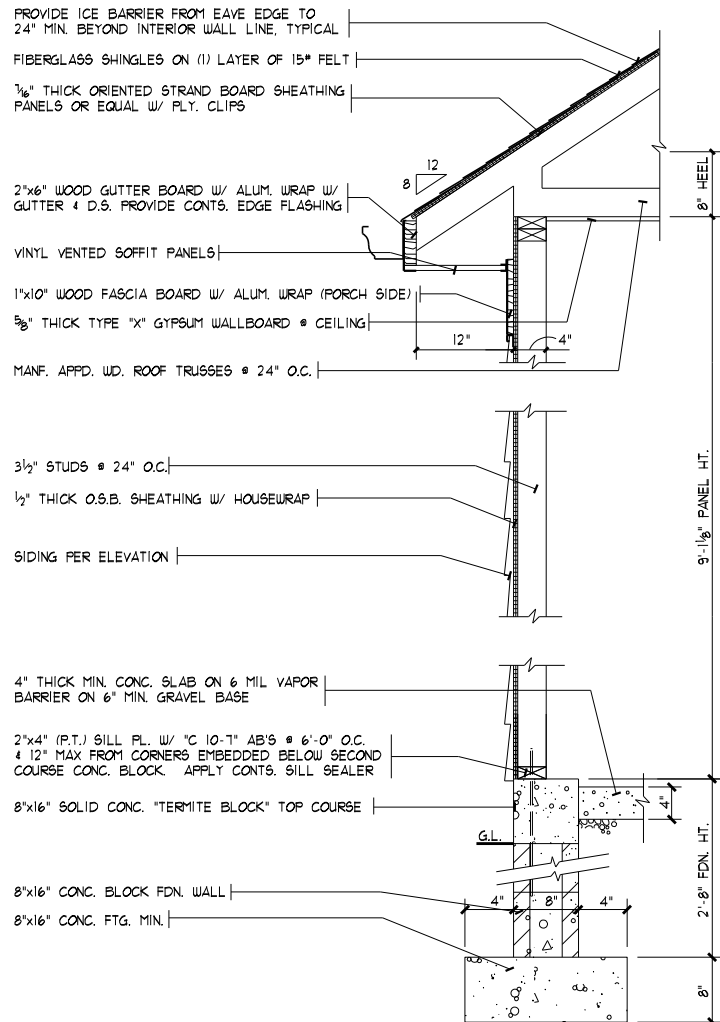


**SIDING OVERHANG w/o FASCIA BOARD**  
 SCALE: 1"=1'-0"

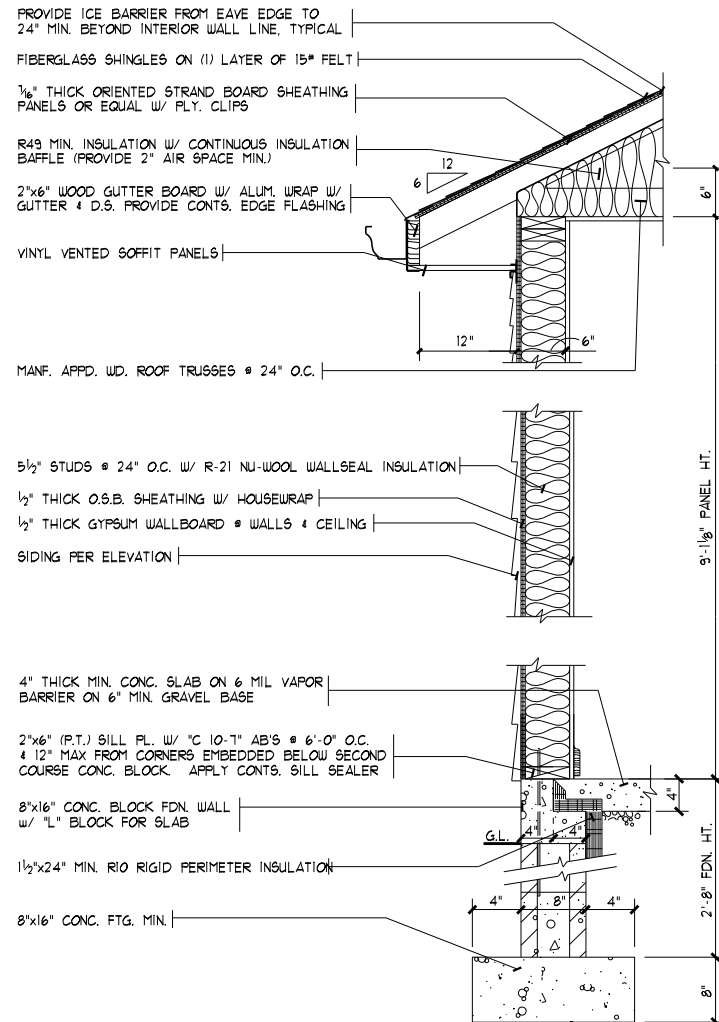


**SIDING OVERHANG w/ FASCIA BOARD**  
 SCALE: 1"=1'-0"

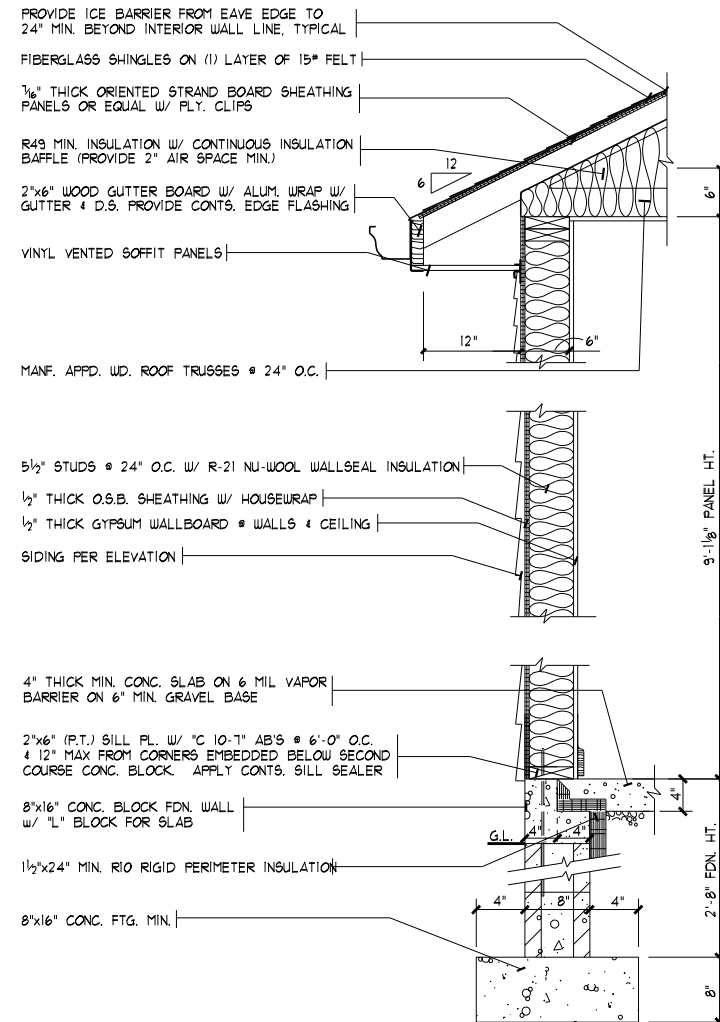
"U" VALUES # ROOF		"U" VALUES # FLOOR (# HTD. SLAB)		"U" VALUES # WALLS (2"x6" FRAME)	
	R		R		R
IN/OUT AIRFILM	0.78	IN/OUT AIRFILM	1.09	IN/OUT AIRFILM	0.85
INSULATION	49.00	PERIMETER INSULATION	10.00	SIDING	1.00
1/2" DRYWALL	0.45		11.09	1/2" O.S.B. SHEATHING	0.62
TOTAL	50.23	"U"-1/R: 1/11.09	0.090	5 1/2" NU-WOOL INSULATION	21.00
"U"-1/R: 1/50.23	0.020			1/2" DRYWALL	0.45
				TOTAL	23.92
				"U"-1/R: 1/23.92	0.042



WALL SECTION @ GARAGE  
SCALE: 1/2"=1'-0"



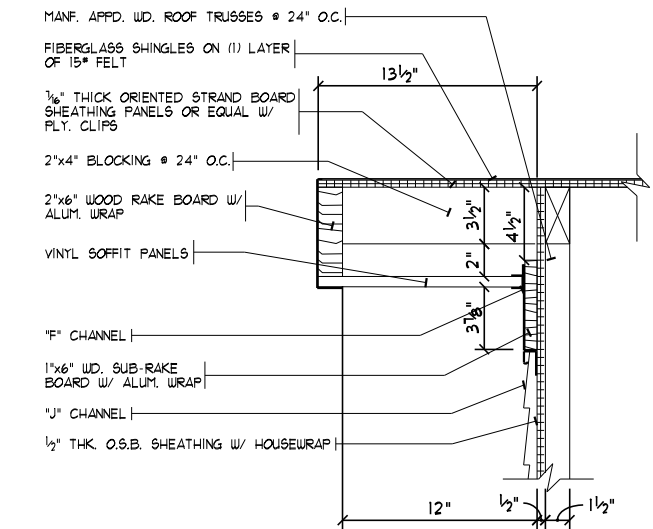
WALL SECTION @ FRONT  
SCALE: 1/2"=1'-0"



WALL SECTION @ REAR  
SCALE: 1/2"=1'-0"

GENERAL NOTES

- DIMENSION NOTES: EXTERIOR DIMENSIONS TO FACE OF FOUNDATION. INTERIOR DIMENSIONS TO FACE OF STUDS. INTERIOR PARTITIONS 3/2" UNLESS NOTED OTHERWISE.
- WOOD LINTELS: (UNLESS NOTED OTHERWISE) 2"x4" STUD OPENINGS UP TO 3'-0", USE (2) 2"x8" LINTELS UP TO 6'-0". USE (2) 2"x10" LINTELS 6'-0" 4 LARGER USE (2) 2"x12" LINTELS W/ 1/2" FL. WOOD PL. PROVIDE 3/4"x3" SOLID WOOD BEARING TO TOP OF FOUNDATION OR BASEMENT BEAM @ EACH END, TYPICAL.
- STEEL LINTELS: (UNLESS NOTED OTHERWISE) MASONRY OPENINGS UP TO 4'-0" USE 4"x3"x1/4" STL. ANGLE OPENINGS 4'-1" TO 15'-0" USE 6"x3"x3/8" STL. ANGLE. 16'-0" OPENINGS WITH 3'-0" OR LESS OF BRICK ABOVE USE 6"x3"x3/8" STL. ANGLE (LEAVE TEMPORARY SUPPORT IN THE CENTER FOR 28 DAYS). 16'-0" OPENINGS WITH MORE THAN 3'-0" OF BRICK ABOVE USE 7"x4"x3/8" STL. ANGLE (LEAVE TEMPORARY SUPPORT IN THE CENTER FOR 28 DAYS).
- CLOSETS: ALL CLOTHES CLOSETS TO HAVE (1) 12" SHELF; LINEN CLOSET/PANTRY: (4) 12" OR 16" SHELVES.
- VENTS: BATHROOM EXHAUST FANS (E.F.) 4 CLOTHES DRYER TO VENT TO EXTERIOR.
- WOOD ROOF/FLOOR TRUSSES: APPLICANT SHALL SUBMIT TRUSS DESIGN DATA FABRICATOR TYPE, 4 MANUFACTURERS SEALED DRAWING(S) W/ LAYOUT SHEET PRIOR TO FRAME INSPECTION FOR BUILDING DEPARTMENT APPROVAL. ALL ROOF OVERFRAMING TO BE CONSTRUCTED OF MANF. APPD. WOOD ROOF TRUSSES UNLESS NOTED OTHERWISE. TRUSSES NOT DESIGNED FOR STORAGE ABOVE, UNO.
- DESIGN LOADS: (LL) FLOOR LOAD : 40 PSF. STAIR : 40 PSF. ROOF : 20 PSF. DECK : 40 PSF. SNOW : 20 PSF. WIND : 90 MPH. GARAGE SLAB : 50 PSF. MAX. ASSUMED SOIL BEARING CAPACITY : 1500 PSF
- DEFLECTION LIMITS; MAXIMUM DEFLECTION LIMITS OF MEMBERS: FLOORS : L/360, WALLS : H/240, EXPOSED RAFTERS; GREATER THAN 3:12 PITCH : L/180, LESS THAN 3:12 PITCH : L/240
- LUMBER GRADE: ALL FLOOR JOISTS SHALL BE OF #1 KD. SOUTHERN YELLOW PINE W/ Fb : 1730 PSI FOR 2"x8", Fb : 1900 PSI FOR 2"x10", 4 Fb : 1440 PSI FOR 2"x12", 4 E : 1,700,000. ALL STUDS TO BE OF STUD GRADE SPRUCE-PINE-FIR W/ Fb : 675 PSI 4 E : 1,200,000. LAMINATED WOOD BEAMS SHALL BE Fb : 2600 PSI 4 E : 1,900,000 FOR MICROLAM Fb : 2900 PSI 4 E : 2,000,000 FOR PARALLAM Fb : 1700 PSI 4 E : 1,300,000 FOR TIMBERSTRAND.
- TRUSS LUMBER GRADE: TOP 4 BOTTOM CHORDS SHALL BE OF MSR SPRUCE-PINE-FIR W/ Fb : 1650 PSI 4 E : 1,500,000 OR SELECT STRUCTURAL YELLOW PINE W/ Fb : 2850 PSI 4 E : 1,800,000 FOR 2"x4" MSR YELLOW PINE W/ Fb : 2400 PSI 4 E : 2,000,000 FOR 2"x6", MSR YELLOW PINE W/ Fb : 2250 PSI 4 E : 1,900,000 FOR 2"x8", 4 2"x10". ALL WEB MEMBERS TO BE MINIMUM OF STUD GRADE SPRUCE-PINE-FIR W/ Fb : 675 4 E : 1,200,000.
- SMOKE DETECTORS: INSTALLATION 4 LOCATION AS SHOWN ON FLOOR PLANS. FOLLOW ADDITIONAL LOCAL REQUIREMENTS.
- CONCRETE: FOOTINGS 4 INTERIOR FLOORS TO BE A MIN. OF 2500 PSI. WALLS TO BE A MIN. OF 3000 PSI. CONCRETE GARAGE SLABS 4 OTHER EXT. FLAT WORK SHALL BE A MIN. OF 4500 PSI. FOUND. WALLS, GAR. FLOORS 4 EXT. CONCRETE REQUIRE 54-75 AIR ENTRAINMENT.
- WALL BRACING: EXTERIOR WOOD FRAME WALLS SHALL BE BRACED W/ STRUCTURAL SHEATHING. IF NON-STRUCTURAL SHEATHING IS USED (FOAM TYPES), PROVIDE 1"x4" LET-IN BRACING OR 1/8" THICK x 48" WIDE O.S.B./PLYWOOD PANELS @ CORNERS 4 25'-0" MAX. SPACING 148" WIDE SHEATHING SHALL NOT BE CUT FOR OR AROUND WINDOWS 4 DOORS. ALL WALL SHEATHING SEAMS TO BE BACKED BY BLOCKING (EQUAL TO STUD SIZE).
- SIDE LOADED MULTIPLE MEMBER BEAMS: (UNLESS NOTED OTHERWISE) WOOD BEAMS OF THREE (3) MEMBERS OR MORE (E.G. (3) 2"x10"s) 4 WOOD BEAMS W/ STEEL FLATES SHALL BE BOLTED W/ 1/2" THRU BOLTS, W/ WASHERS ON BOTH SIDES, @ 16" O.C. STAGGERED THROUGH THE ENTIRE LENGTH OF THE BEAM.
- PRESSURE TREATED (P.T.) MATERIAL: ALL WOOD FRAMING MATERIAL IN DIRECT CONTACT W/ MASONRY WALLS 4/OR CONC. FLOOR SLABS SHALL BE OF PRESSURE TREATED MATERIALS.
- STRUCTURAL COLUMNS: STRUCTURAL WOOD 4 STEEL COLUMNS TO BE CONTINUOUS TO OR PROVIDE SOLID BLOCKING TO CONC. FDN'N WALL OR OTHER STRUCTURAL ELEMENTS BELOW.
- PREFAB FIREPLACES: BUILDING INSPECTOR SHALL BE PROVIDED MANUFACTURER'S INSTALLATION SPECIFICATIONS ON PREFAB FIREPLACE UNITS @ FRAMING INSPECTION.
- MASONRY VENEER: SHALL BE ATTACHED TO THE SUPPORTING WALL W/ CORROSION-RESISTANT METAL TIES. EACH TIE SHALL BE SPACED NOT MORE THAN 24" O.C. VERT. 4 16" O.C. HORIZ. ADDITIONAL METAL TIES SHALL BE PROVIDED AROUND ALL WALL OPENINGS GREATER THAN 16" IN EITHER DIMENSION. METAL TIES AROUND THE PERIMETER OF OPENINGS SHALL BE SPACED A MAX. OF 36" O.C. 4 PLACED WITHIN 12" OF THE WALL OPENING. WEEPHOLES @ 32" O.C. 4 PLASTIC TYPE FLASHING SHALL BE PROVIDED (INCLUDING SILLS 4 LINTELS). PROVIDE 1" MIN. AIR SPACE BETWEEN BRICK 4 SHEATHING 4 3/4" MIN. CLEAR AIR SPACE @ TOP COURSE OF BRICK.
- TRUSSES SHALL BE CONNECTED TO WALL PLATES BY THE USE OF APPROVED CONNECTORS (H2.5A) HAVING AN UPLIFT RESISTANCE OF NOT LESS THAN 175 LBS.



12" RAKE @ SIDING W/ SUB-RAKE BOARD  
SCALE: 1"=1'-0"

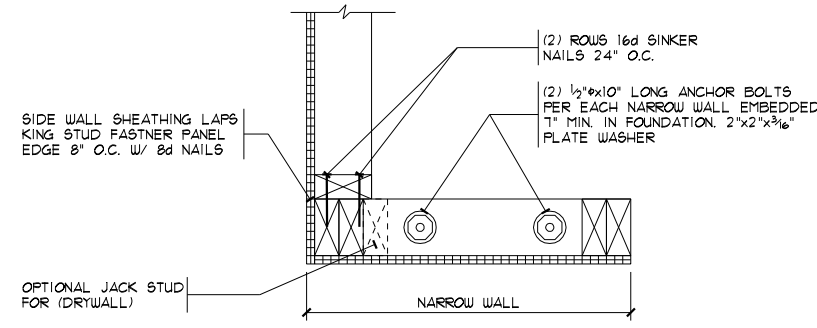
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Phone: (615) 969-0035  
SuperiorDesigns@usa.net  
JOB #: HY146

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Hopewell Valley, Lot# 146  
Elevation J - Slab

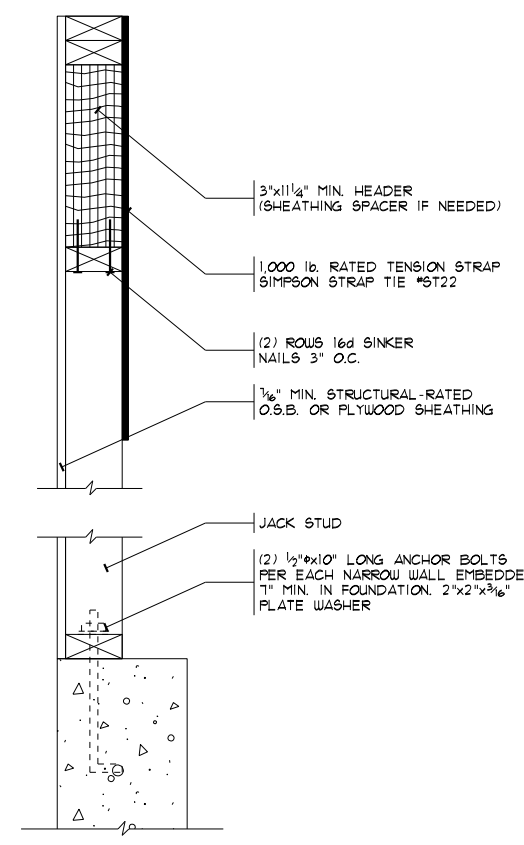
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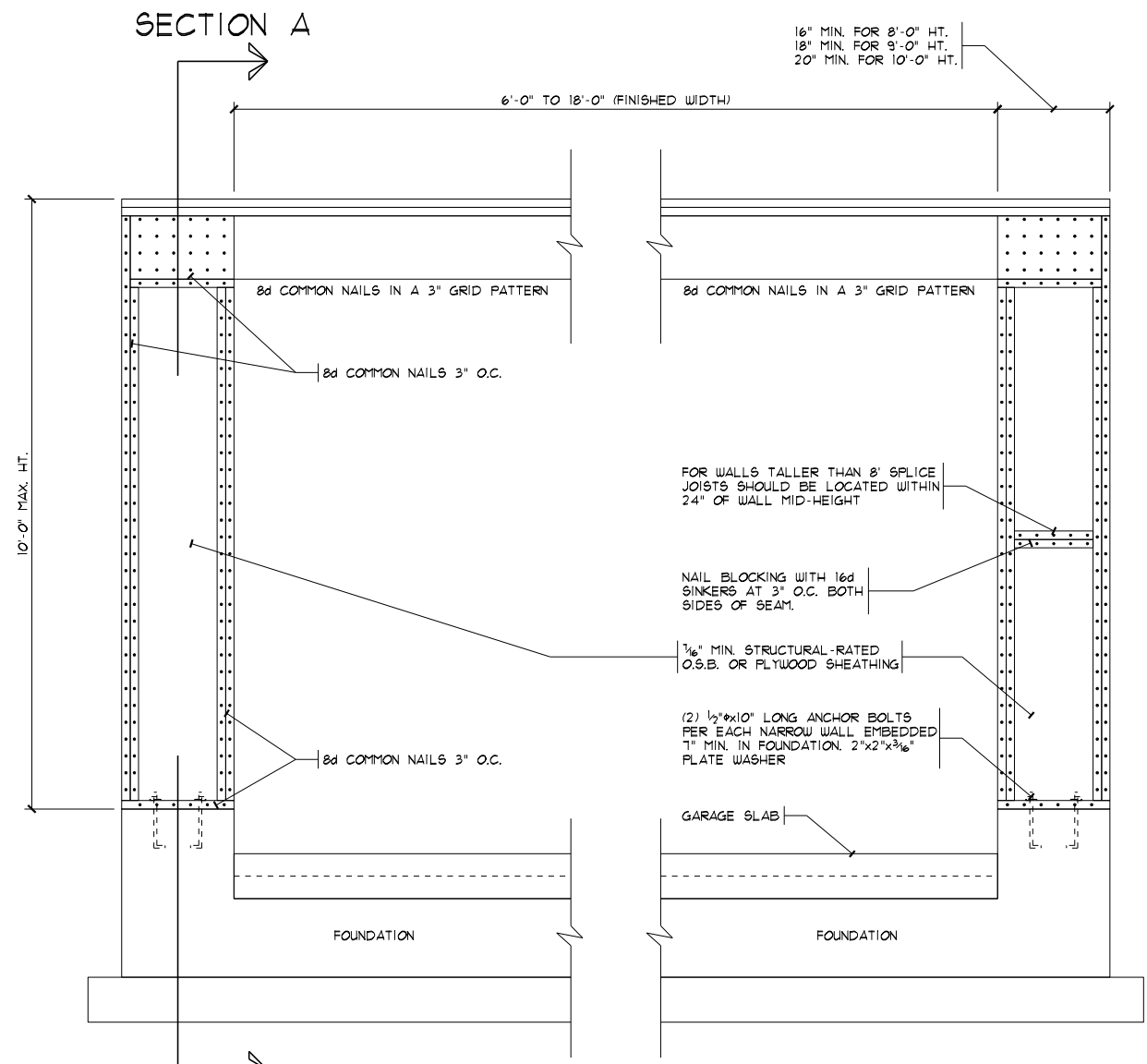
A6



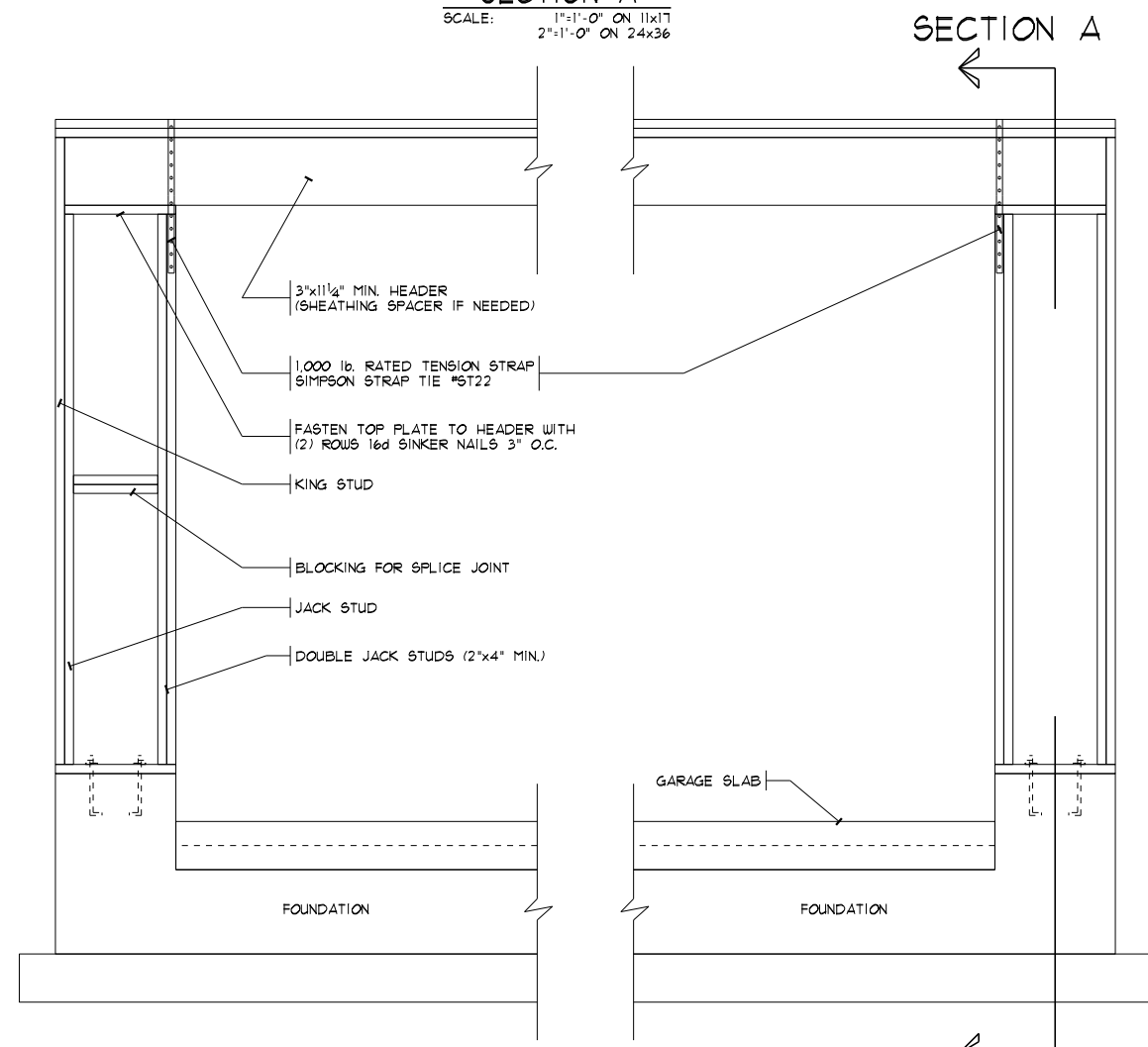
**CORNER DETAIL - PLAN VIEW**  
 SCALE: 1"=1'-0" ON 11x17  
 2"=1'-0" ON 24x36



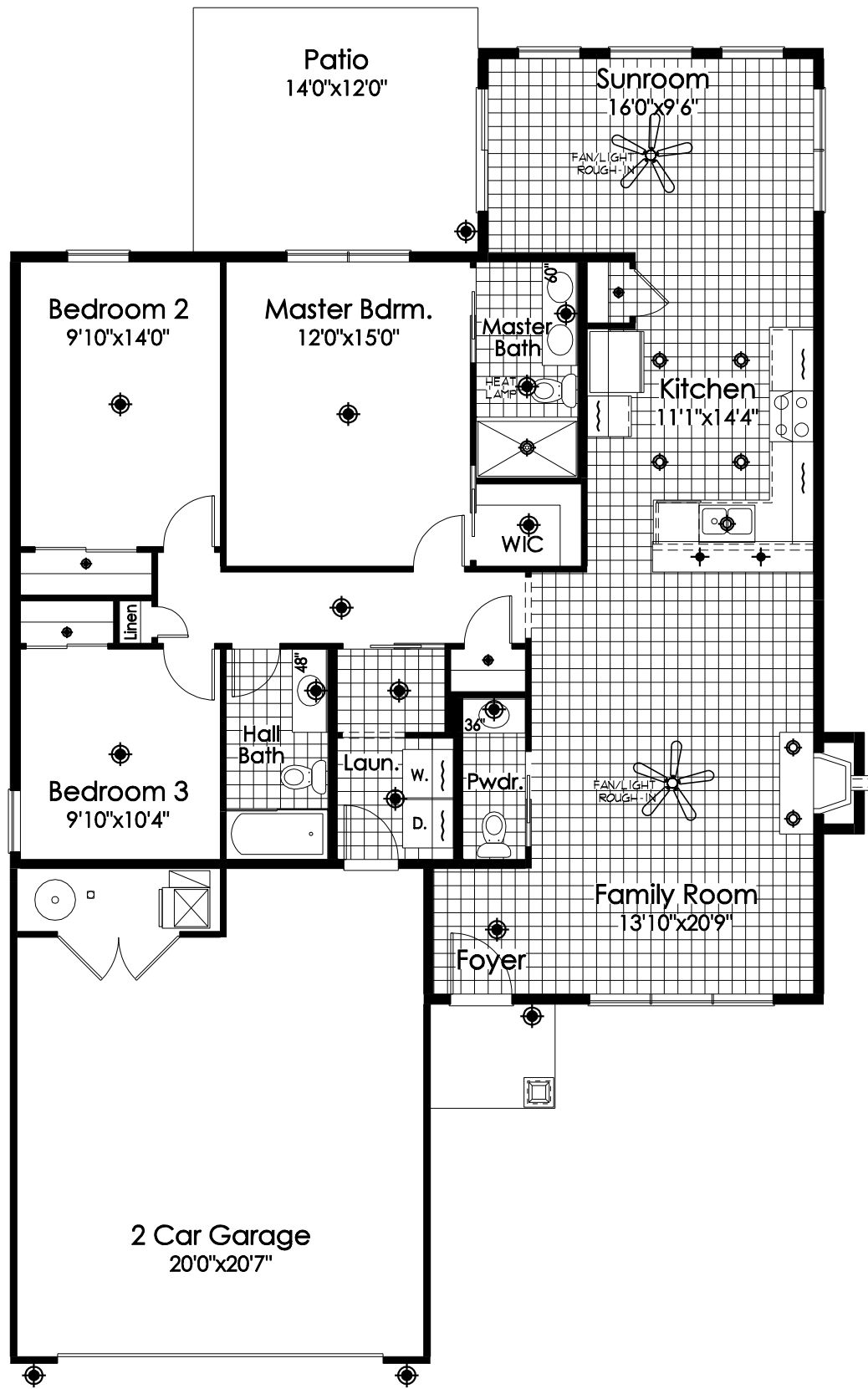
**SECTION A**  
 SCALE: 1"=1'-0" ON 11x17  
 2"=1'-0" ON 24x36



**OUTSIDE ELEVATION**  
 SCALE: 3/8"=1'-0" ON 11x17  
 3/4"=1'-0" ON 24x36



**INSIDE ELEVATION**  
 SCALE: 3/8"=1'-0" ON 11x17  
 3/4"=1'-0" ON 24x36



First Floor Plan

⊙ = LIGHT FIXTURE LOCATION

ELECTRICAL SYMBOLS	
⊙	LIGHT
⊕	CAN LIGHT
✦	PENDANT LIGHT ROUGH-IN
~	UNDER CABINET LIGHT
⊕	STANDARD 110V OUTLET
◆	PENDANT LIGHT
◁	PHONE/FAX JACK
⊠	CABLE JACK

DATE: 07/30/17  
 REV.: 08/15/17  
 DRAWN BY: S.W.R.  
 SCALE: 1/8"=1'-0"  
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