

SEE A3.1 FOR TYP. ROOF ASSEMBLY

2x BLOCKING AND INSULATION STOP

SIMPSON H2.5 HURRICANE CLIP (TYP. AT EA. RAFTER)

3/4" STRAPPING

T.O. DORMER PLATE
EL.116'-3 1/4"

1x3 CLR. PINE TRIM, RABBIT TO RECEIVE SIDING PRIME, BACKPRIME, AND PAINT

1/2" MDO PLYWD. AT SOFFITS

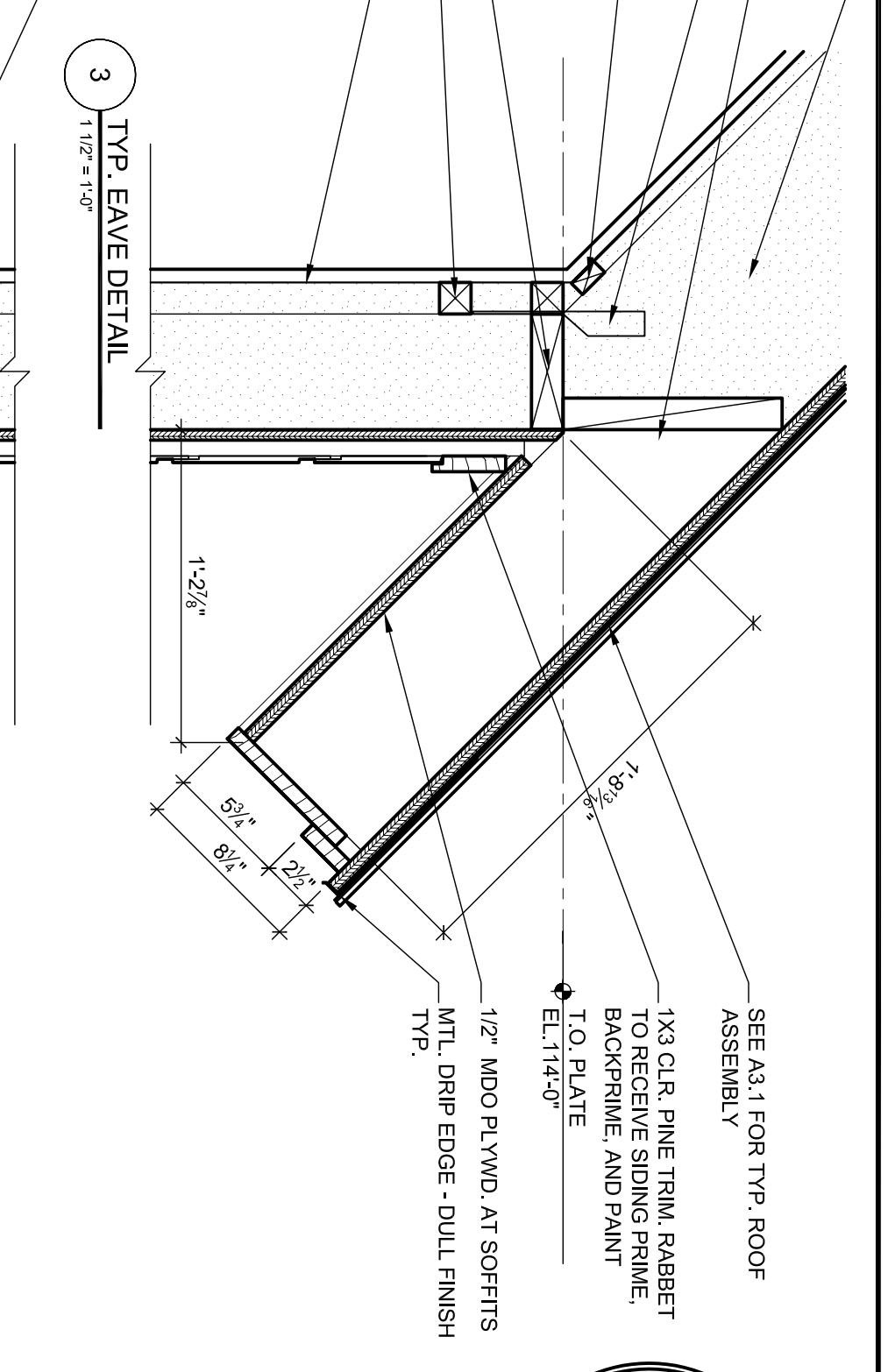
8 1/2"

1'-2 1/8"

5 3/4"

2 1/2"

1'-2 1/8"



2x12 RAFTERS @ 24" O.C. ALIGN WITH STUDS BELOW (TYP.) WITH DENSE PACKED CELLULOSE INSULATION TO FILL RAFTER CAVITIES

2x BLOCKING AND INSULATION STOP

SIMPSON H2.5 HURRICANE CLIP (TYP. AT EA. RAFTER)

3/4" STRAPPING

SINGLE 2x6 TOP PLATE

2x2 STRAPPING (TYP.)

1/2" GWB -PAINTED GWB TO BE VAPOR RETARDER USING THE AIR DRYWALL APPROACH. REFER TO THE BUILDING SCIENCE CORPORATION WEBSITE FOR EXPANSION ON THIS CONCEPT www.buildingscience.com

SEE A3.1 FOR TYP. ROOF ASSEMBLY

1x3 CLR. PINE TRIM, RABBIT TO RECEIVE SIDING PRIME, BACKPRIME, AND PAINT

T.O. PLATE
EL.114'-0"

1/2" MDO PLYWD. AT SOFFITS

MTL. DRIP EDGE - DULL FINISH TYP.

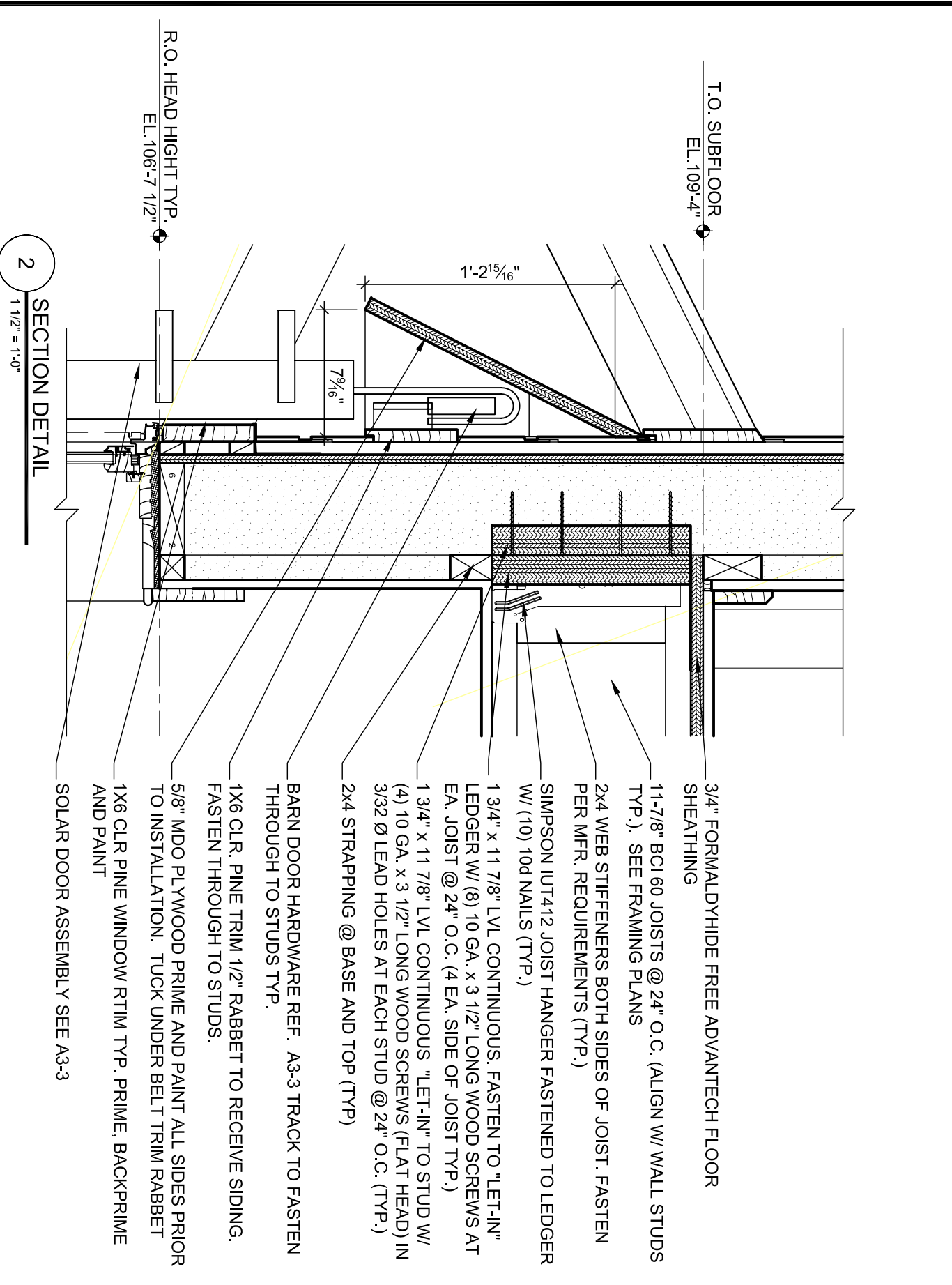
1'-8 1/2"

1'-2 7/8"

5 3/4"

8 1/2"

2 1/2"



T.O. SUBFLOOR
EL.109'-4"

3/4" FORMALDYHIDE FREE ADVANTECH FLOOR SHEATHING

11-7/8" BCI 60 JOISTS @ 24" O.C. (ALIGN W/ WALL STUDS TYP.) SEE FRAMING PLANS

2x4 WEB STIFFENERS BOTH SIDES OF JOIST. FASTEN PER MFR. REQUIREMENTS (TYP.)

SIMPSON IUT412 JOIST HANGER FASTENED TO LEDGER W/ (10) 10d NAILS (TYP.)

1 3/4" x 11 7/8" LVL CONTINUOUS, FASTEN TO "LET-IN" LEDGER W/ (8) 10 GA. x 3 1/2" LONG WOOD SCREWS AT EA. JOIST @ 24" O.C. (4 EA. SIDE OF JOIST TYP.)

1 3/4" x 11 7/8" LVL CONTINUOUS "LET-IN" TO STUD W/ (4) 10 GA. x 3 1/2" LONG WOOD SCREWS (FLAT HEAD) IN 3/32 Ø LEAD HOLES AT EACH STUD @ 24" O.C. (TYP.)

2x4 STRAPPING @ BASE AND TOP (TYP.)

BARN DOOR HARDWARE REF. A3-3 TRACK TO FASTEN THROUGH TO STUDS TYP.

1x6 CLR. PINE TRIM 1/2" RABBIT TO RECEIVE SIDING. FASTEN THROUGH TO STUDS.

5/8" MDO PLYWOOD PRIME AND PAINT ALL SIDES PRIOR TO INSTALLATION. TUCK UNDER BELT TRIM RABBIT

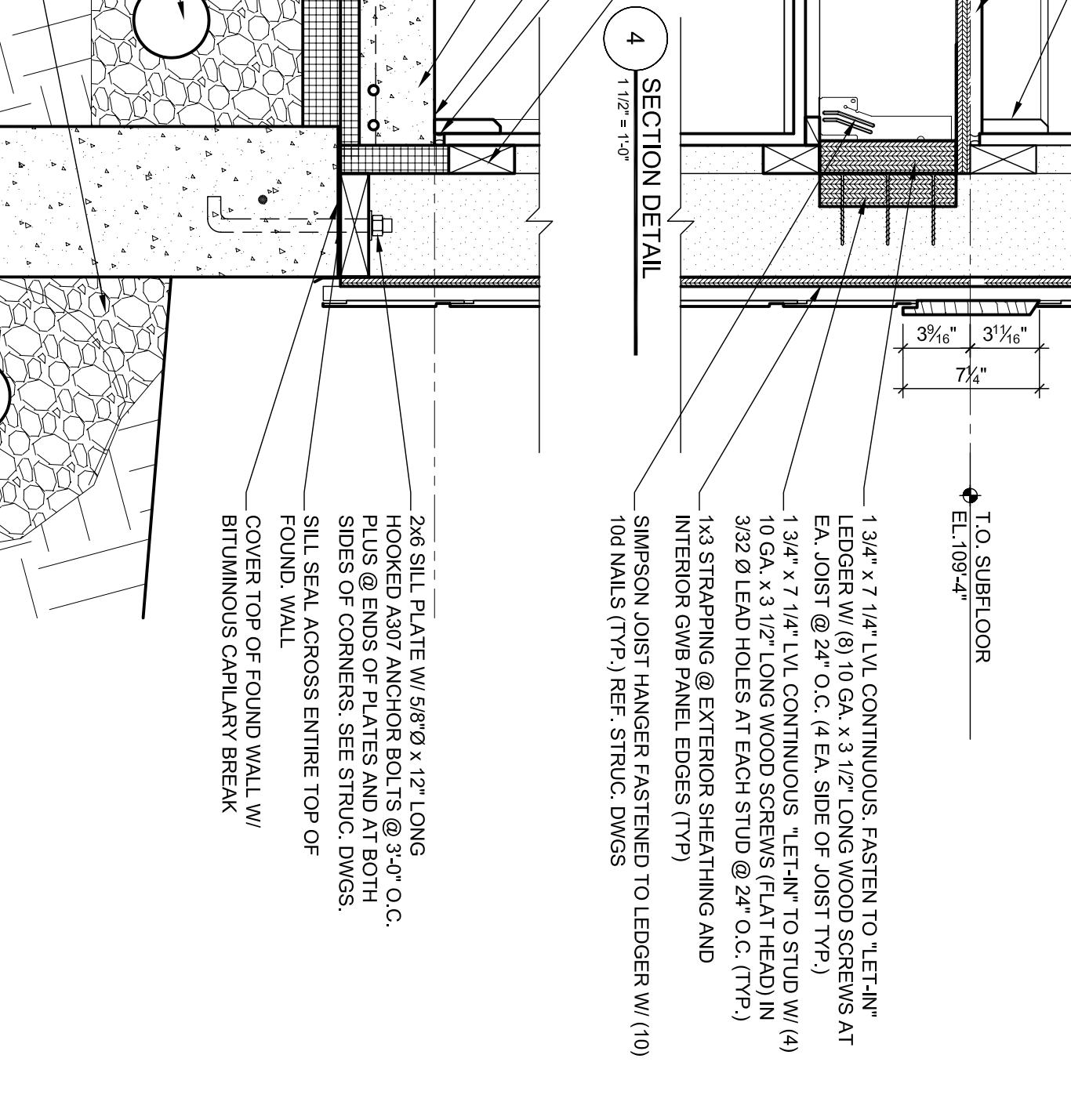
1x6 CLR. PINE WINDOW RTIM TYP. PRIME, BACKPRIME AND PAINT

SOLAR DOOR ASSEMBLY SEE A3-3

1'-2 15/16"

7 9/16"

R.O. HEAD HIGHT TYP.
EL.108'-7 1/2"



1x4 POPLAR BASE TRIM W/ CHAMFERED EDGE TYP.

BAMBOO FINISH FLOOR AS SCHEDULED

3/4" FORMALDYHIDE FREE ADVANTECH FLOOR SHEATHING

2x4 STRAPPING @ BASE (TYP.)

BACKER ROD AND CAULK JOINT

POLISHED CONCRETE FINISH FOR CONCRETE SLAB

4" REINFORCED CONCRETE RADIANT SLAB

1ST FLOOR T.O. SLAB
EL.100'-0"

2x6 SILL PLATE W/ 5/8" Ø x 12" LONG HOOKED A307 ANCHOR BOLTS @ 3'-0" O.C. PLUS @ ENDS OF PLATES AND AT BOTH SIDES OF CORNERS. SEE STRUC. DWGS.

SILL SEAL ACROSS ENTIRE TOP OF FOUND. WALL

COVER TOP OF FOUND. WALL W/ BITUMINOUS CAPILARY BREAK

6" CRUSHED STONE BED TYP.

2" RIGID INSULATION

6 MIL. POLY VAPOR BARRIER

RIGID INSULATION AND RADIANT TUBE SUPPORT

4" INTERIOR POLYETHYLENE DRAIN TILE. TIE TO EXTERIOR DRAIN AND RADON EXHAUST. SURROUND WITH CRUSHED STONE WRAPPED IN GEOTEXTILE FABRIC.

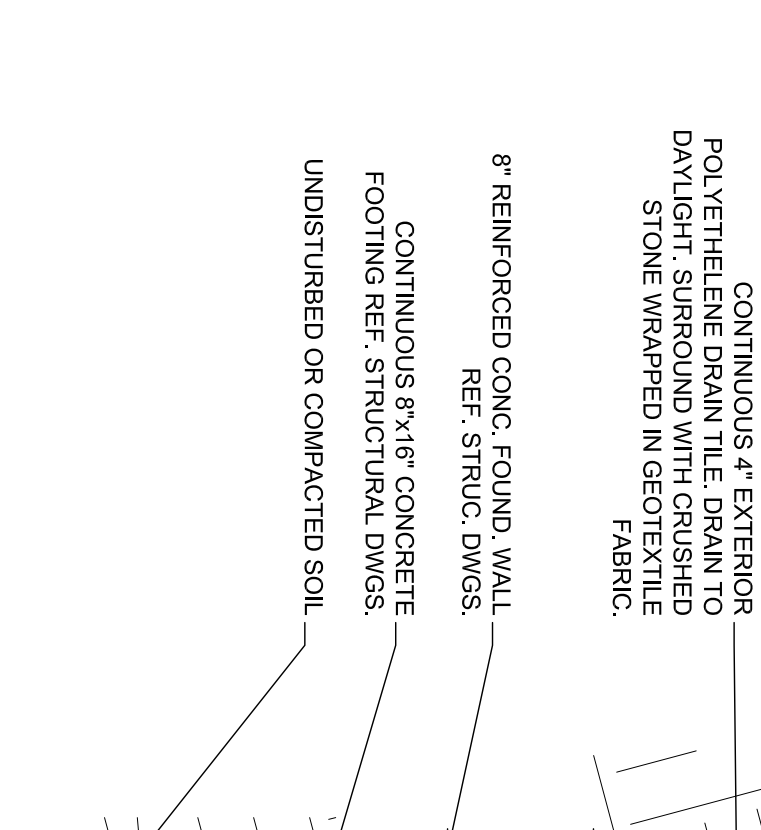
GRANULAR FILL DRAINAGE PLANE

CONTINUOUS 4" EXTERIOR POLYETHYLENE DRAIN TILE. DRAIN TO DAYLIGHT. SURROUND WITH CRUSHED STONE WRAPPED IN GEOTEXTILE FABRIC.

8" REINFORCED CONC. FOUND. WALL REF. STRUC. DWGS.

CONTINUOUS 8" x 16" CONCRETE FOOTING REF. STRUCTURAL DWGS.

UNDISTURBED OR COMPACTED SOIL

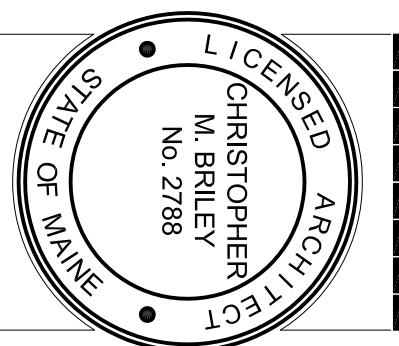


FOOTING SECTION DETAIL (6)
1 1/2" = 1'-0"

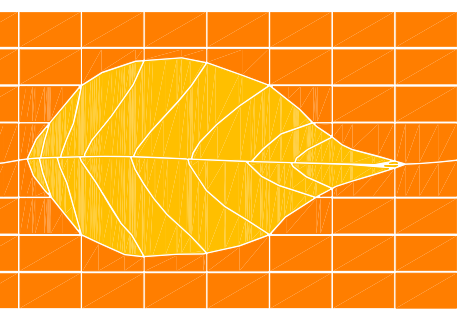
FOUNDATION SECTION DETAIL (5)
1 1/2" = 1'-0"

BUILDER'S DRAWINGS

THESE DRAWINGS MAY NOT SHOW ALL THE INFORMATION AND/OR INSTRUCTIONS NECESSARY TO COMPLETE THIS PROJECT. BY USING THESE DRAWINGS, THE GENERAL CONTRACTOR UNDERSTANDS THAT HE IS RESPONSIBLE FOR ALL MEANS AND METHODS OF CONSTRUCTION AND SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES. THE ENGINEER WHERE THESE TRADES PERTAIN TO THIS PROJECT OR TO THE SAFETY OF ITS OCCUPANTS AND USERS, BY USING THESE DRAWINGS, THE GENERAL CONTRACTOR UNDERSTANDS THAT HE IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES. THE ENGINEER WHERE THESE TRADES PERTAIN TO THIS PROJECT OR TO THE SAFETY OF ITS OCCUPANTS AND USERS, BY USING THESE DRAWINGS, THE GENERAL CONTRACTOR UNDERSTANDS THAT HE IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES. THE ENGINEER WHERE THESE TRADES PERTAIN TO THIS PROJECT OR TO THE SAFETY OF ITS OCCUPANTS AND USERS, BY USING THESE DRAWINGS, THE GENERAL CONTRACTOR UNDERSTANDS THAT HE IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES.



REDFERN HOUSE
FOR REDFERN PROPERTIES LLC.
12 VICTOR RD. PORTLAND, MAINE



GREEN DESIGN STUDIO
architecture for life

325 main street
farmouth, maine 04936
f. 207.449.1128
m. 207.449.1139
www.greendesignstudio.com

CONSULTANTS:

STRUCTURAL:
L & L Engineering
6 O Street
South Portland, ME 04106
207-767-4830

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CHECKED BY:	---
SHEET TITLE:	Section Details

A3.2