

DRIP EDGE,
NO ROOF SHINGLES PROVIDED

7/16" EXT. GRADE LP OSB ROOF SHEATHING
-FASTENED w/. 6d NAILS
@ 6" O.C. -EDGE SPACING &
12" O.C. FIELD SPACING

2x4 RAFTERS @ 24" O.C.
(ALIGN W/ STUDS BELOW)

(3) 10d COMMON NAILS
-RAFTER TO PLATE CONN.
-(2) ONE SIDE, (1) OPP.

TOP OF WALL

1x FASCIA

SOFFIT

SMART PANEL SIDING
-FASTENED w/. 6d NAILS
@ 6" O.C. -EDGE SPACING &
12" O.C. FIELD SPACING

FIN. FLR.

SIDING
-FASTENED TO RIMBD.
w/ 6d NAILS @ 6" O.C.

(2) 2x4 COLLAR TIES @ 72" O.C.
SIMPSON H8 FASTENERS
INSTALL @ 24" O.C., PER MFR.

2x4 DBL. TOP PLATE

2x4 STUD WALL @ 24" O.C.
(ALIGN W/ RAFTERS ABOVE)

5/8" LP EXT. SHEATHING FASTENED w/
6d NAILS @ 12" O.C. -EDGE SPACING
& 24" O.C. FIELD SPACING OVER
P.T. 2x4 SLEEPERS @ 12" O.C.

CONTINUOUS BEARING BY OTHERS

PLYWD. SCAB BOTH SIDES
OF SPLICE FASTENED w/
3" #10 WOOD SCREWS

BIRDS MOUNT IN
RAFTER (1" VERTICALLY)

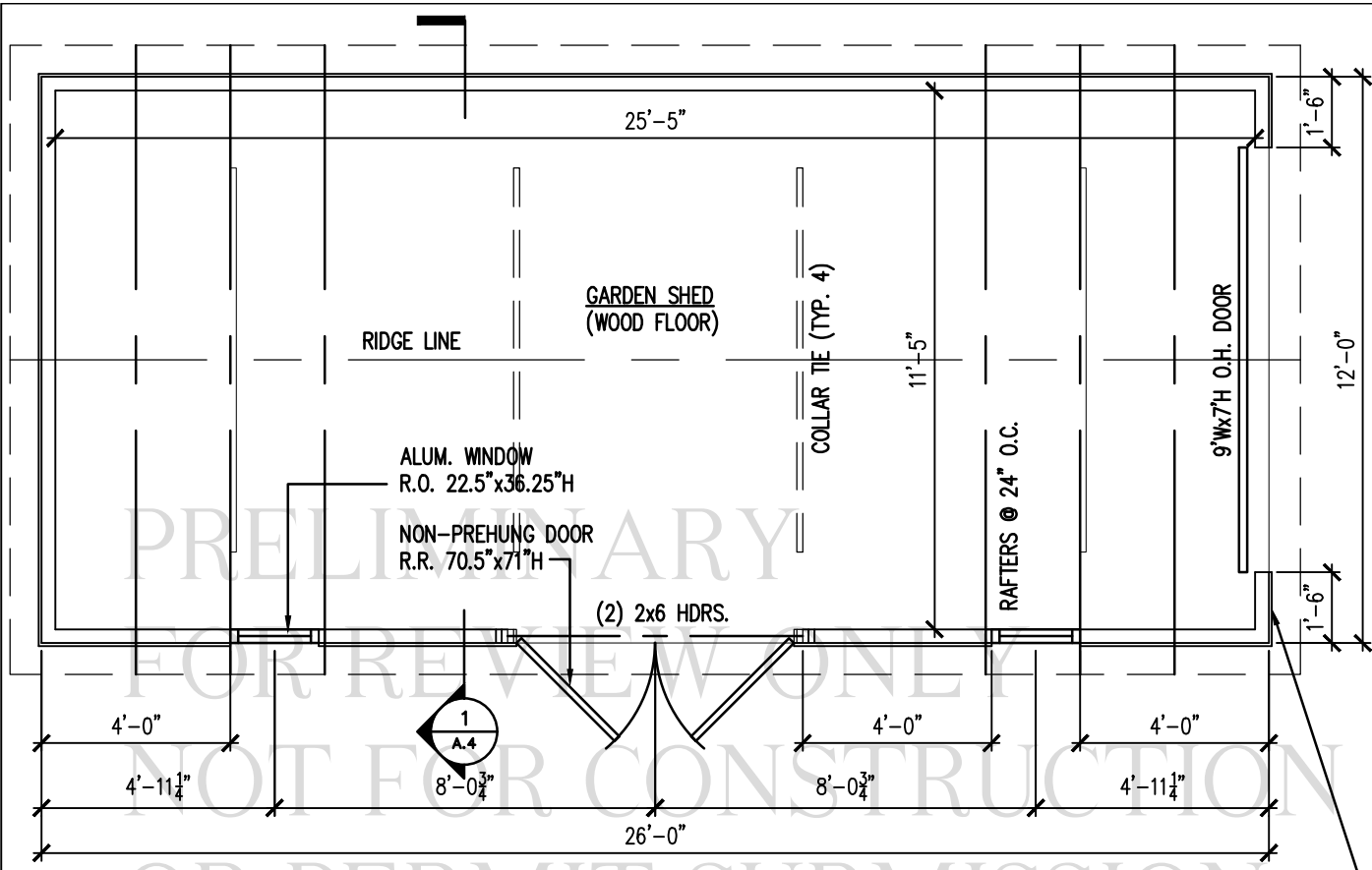
JOISTS AND STUDS FASTENED
TO PLATES w/ 3" #10 WOOD
SCREWS THROUGH PRE-DRILLED
HOLES
FLOOR JOIST END BOARD & WALL
TOP & BOT. PLATES FEATURE
1/4" DADO FOR EACH JOIST/ STUD

NOTES:

1. NO FROST PROTECTION REQUIRED PER IRC R403.1.4.1 EXCEPTION
2. A FLAT GROUND BASE OF 6" MIN. OF 3/4" CRUSHED STONE IS RECOMMENDED. STONE TO BE ONE FOOT GREATER THAN PERIMETER

SECTION 1
A.4 SCALE: 3/8" = 1'-0"

PROJ. # 18067	DWN. BY: RJE	APRIL 2, 2018	SECTION	A.4
YARDCRAFT PRODUCTS, LLC		New Holland, Pa. 17557		
STANDARD		12x26		FAIRMOUNT GARDEN SHED
Fengel Architects, LLC		1854 Lincoln Highway East Lancaster, PA 17602 (717)392-8021, fax 392-7140		



1 FLOOR PLAN
 A.1 SCALE: 1/4" = 1'-0"

1/2" PLYWD. SHEATHING w/
 8d NAILS IN 3" GRID PATTERN
 FOR CONT. PORTAL FRAME
 CONSTRUCTION PER IRC
 TABLE R602.10.4.6

INFO. ON STRUCTURE:

- DESIGN LIVE LOADINGS AS FOLLOWS:
 - SNOW: 20 PSF
 - WIND: 90 MPH (EXPOSURE B)
 - WEATHERING: SEVERE
 - SEISMIC USE GROUP: i
 - SITE CLASS: D
 - SEISMIC RESIST: WD. FRAME
- DEAD LOADS AS FOLLOWS:
 - WOOD FLOORING: 10 PSF
 - WOOD ROOF: 10 PSF
- ALL STRUCTURAL WOOD TO BE GRADED - MIN. S.P.F. OR #2 HEM-FIR U.N.O.
- ENGRD. WD. PRODUCTS TO HAVE FOLLOWING STRENGTHS:
 - LVL: Fb= 2600 PSI
 - LSL: Fb = 2325 PSI
 - MSR-1.6E: Fb= 1800 PSI
 - HVY. MSR-1.9E: Fb= 2250 PSI
- HURRICANE STRAP PER MANUFACTURER SPECS.
- COMPLY WITH NFPA MANUAL FOR HOUSE FRAMING & NAILING SCHEDULE & NATIONAL DESIGN SPECS. LUMBER & STR. PLYWD. TO COMPLY W/ GRADING REQTS. ALSO, REFER TO IRC FIG. R502.8 FOR CUTTING & NOTCHING, TABLES R602.3(1)+(2) FOR FASTENERS, AND FIG. 602.3(2) FOR STUD WALL FRAMING DETAILS. AT NON-BEARING INT. & EXT. WALLS, FOR OPNGS. UP TO 7'-0" WIDE, PROVIDE (2) 2x8 HEADER.
- CONTRACTOR IS RESPONSIBLE FOR ALL MEANS OF CONSTRUCTION, INCL. PROVIDING GUYS, BRACING, & SHORING AS REQUIRED FOR ALL LOADING CONDITIONS THROUGHOUT CONSTRUCTION AND JOB SITE SAFETY. CONTRACTOR IS NOT TO STORE MATERIALS IN EXCESS OF DESIGN LIVE LOADS WITHOUT APPROVAL OF ARCH.

NOTE OF PLAN USAGE:

THIS DRAWING WAS DONE FOR THE SOLE PURPOSE OF ASSISTING LAPP STRUCTURES, LLC IN CONSTRUCTION OF THE SHED. IT SHALL NOT BE USED BY ANY PERSONS IN ANY MANNER OTHER THAN THE EMPLOYEES & DEALERS OF LAPP STRUCTURES LLC WITHOUT THE WRITTEN PERMISSION OF LAPP STRUCTURES LLC & THE ARCHITECT. ALSO THIS DRAWING SHALL NOT BE COPIED WITHOUT THE WRITTEN PERMISSION OF LAPP STRUCTURES LLC & THE ARCHITECT.

NOTE FOR CODE:

OWNER MUST CONTACT LOCAL MUNICIPALITY AND ANY OTHER GOVERNING AGENCY HAVING JURISDICTION OVER THE PROJECT. THE DESIGN OF STRUCTURE OF THE BUILDING MAY HAVE TO BE MODIFIED TO CONFORM TO LOCAL REGULATIONS. THE STRUCTURE IS DESIGNED TO SUPPORT THE LOADS INDICATED ON THESE DRAWINGS.

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 12x26
 FAIRMOUNT GARDEN SHED

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 APRIL 2, 2018
 NOTES
A.1