

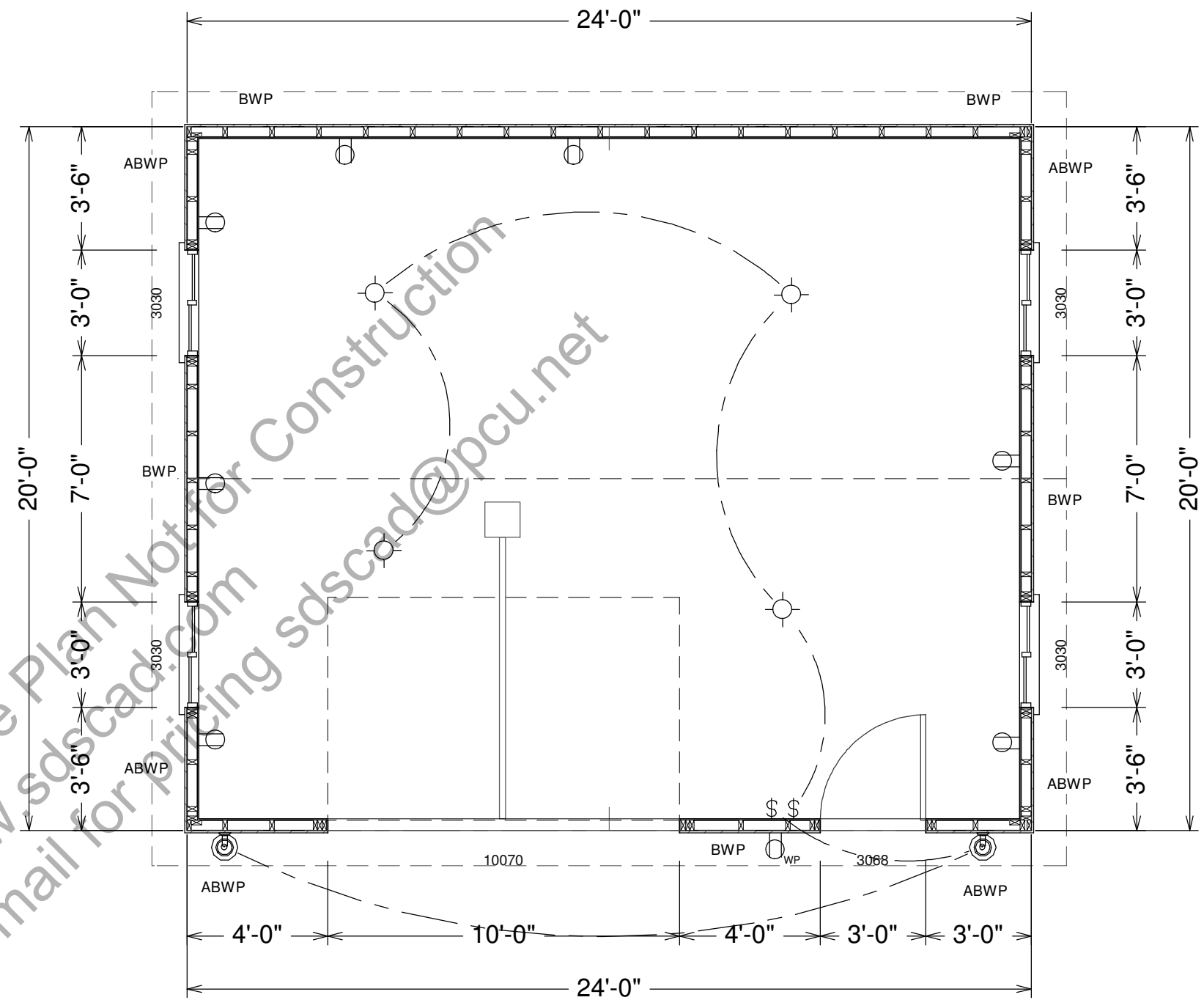
BUILDING CONTRACTOR/HOME OWNER TO REVIEW AND VERIFY ALL DIMENSIONS, SPECS, AND CONNECTIONS BEFORE CONSTRUCTION BEGINS. GARAGES TO BE BUILT AS PER LOCAL CODE REQUIREMENTS

To the best of my knowledge these plans are drawn to comply with owner's and/ or builder's specifications and any changes made on them after prints are made will be done at the owner's and / or builder's expeance and responsibility. The contractor shall verify all dimensions and enclosed drawing. SDSCAD is not liable for errors once construction has begun. While every affort has been made in the preparation of this plan to avoid mistakes, the maker can not guarantee against human error. The contractor of the job must check all dimensions and other details prior to construction and be solely responsible thereafter. All calculations and member sizing should be verified for your building by a certified building official.

#G448 24 x 20 x 8 Custom Garage By SDS-CAD Specialized Design Systems

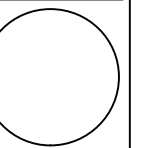
Page 1	Title Main Floor Plan
Page 2	Elevation Views
Page 3	Foundation Plan & Pictorials
Page 4	Framing and Details
Page 5	Detail Page
Page 6	Materials List

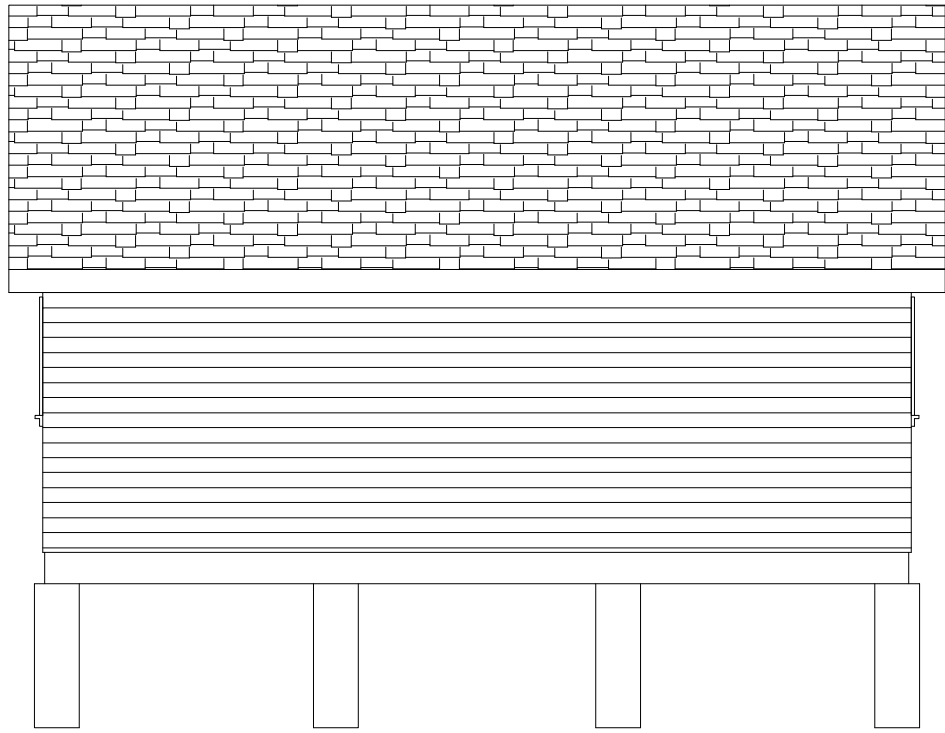
25 year Architectural shingles and horizontal siding over structural panel. Nailing schedule is 6" on ends 12" on centers 6d nails. Framing is 2" x 4" on 16" centers. 10' ceiling height. Monolithic slab with pier foundation.



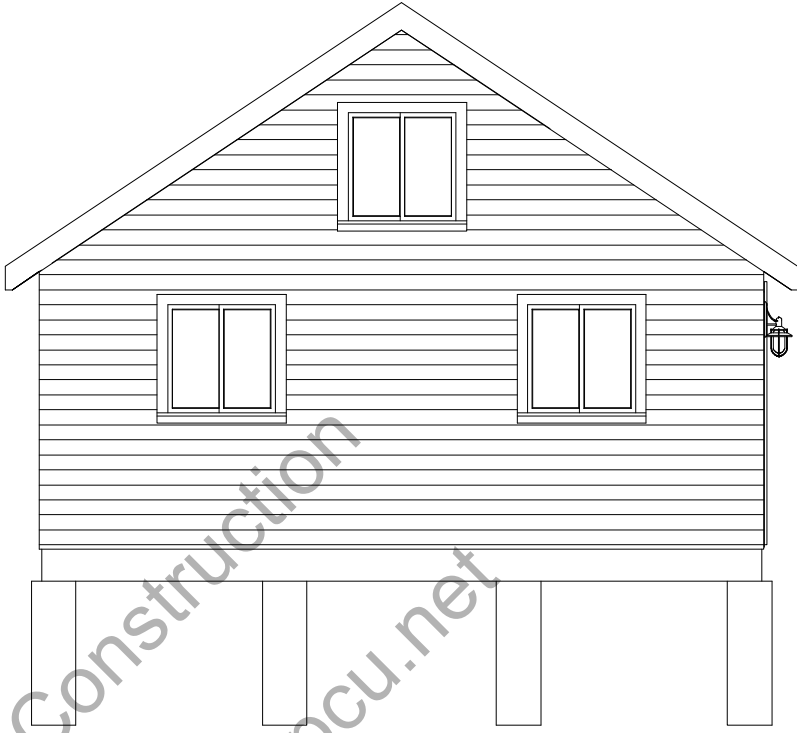
SCALE 1/4"=1'

GARAGE MAIN FLOOR PLAN





REAR ELEVATION



LEFT ELEVATION

MONOLITHIC CONCRETE SLAB
RESTING ON 15" DIA SONITUBE PIERS
DEPTH AS PER LOCAL CODE

8/12 PITCH ATTIC
TRUSS
ROOF

25 Year
Architectural
Asphalt Shingles



FRONT ELEVATION



RIGHT ELEVATION

8' Tall 2 x
4 Walls

Horizontal
Siding Over
Structural Panel

SCALE
3/16"=1'

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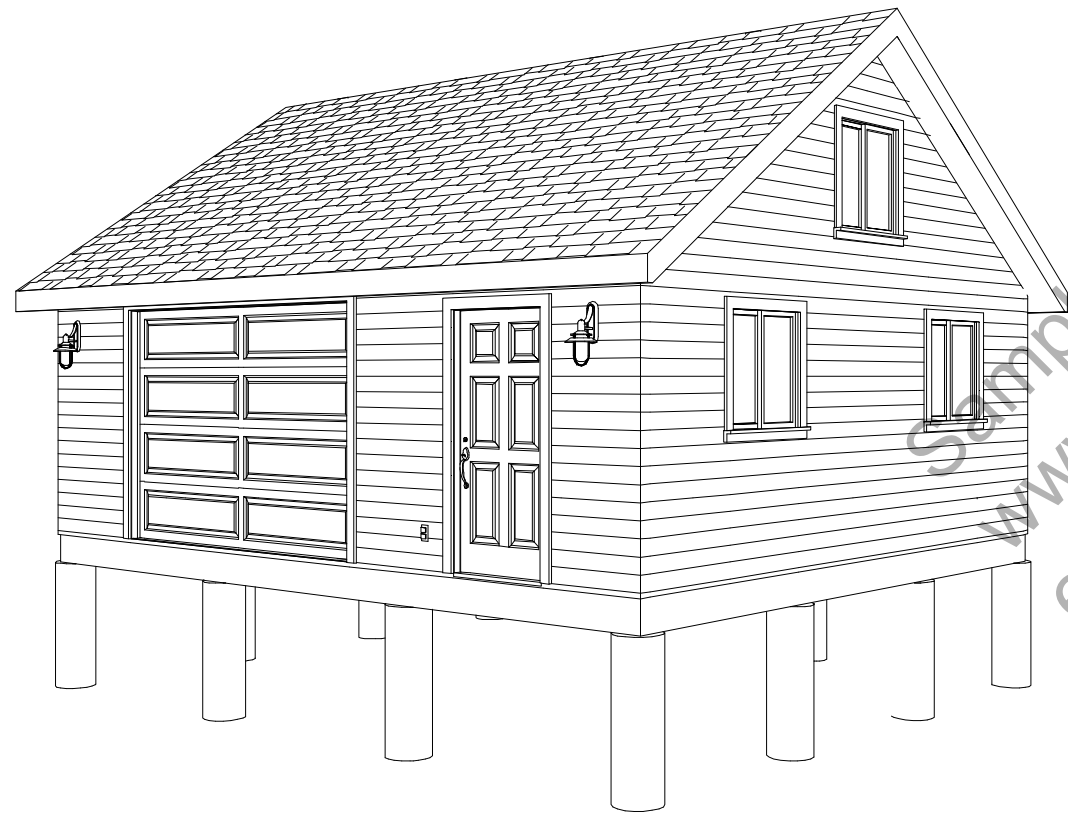
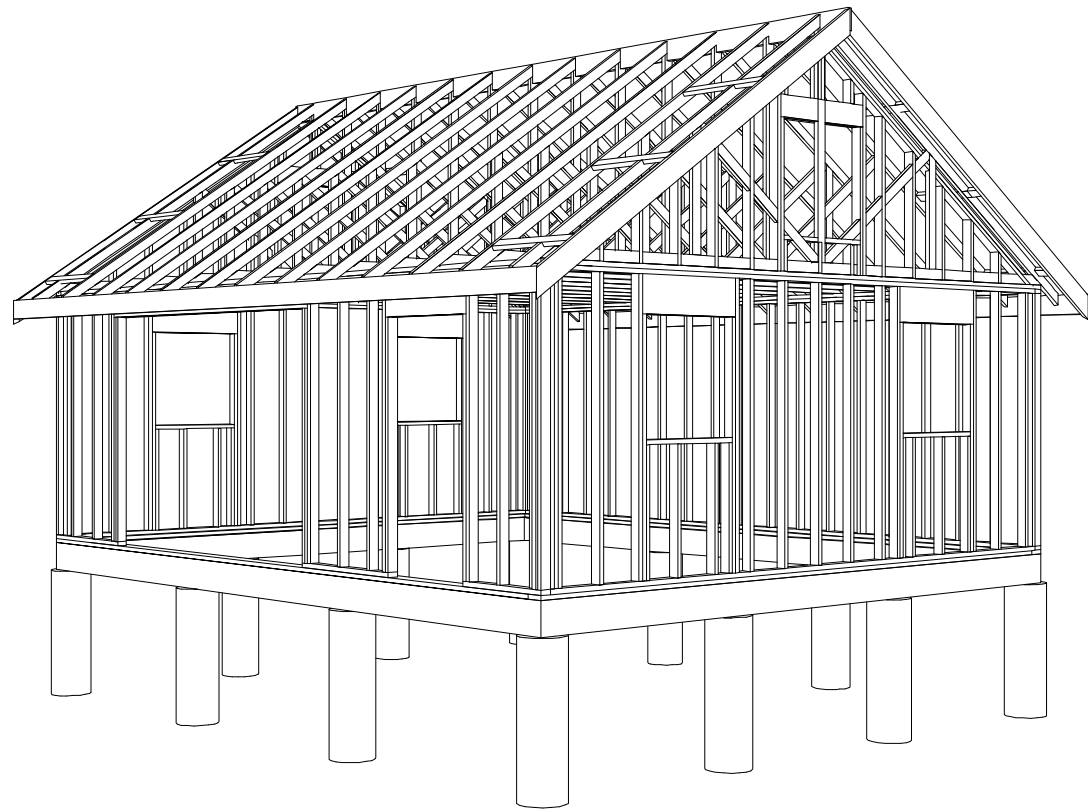
P.O. Box 374 Mendon, Utah - www.sdscad.com - 435-753-1614 - john@sdscad.com

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DATE _____
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DATE _____

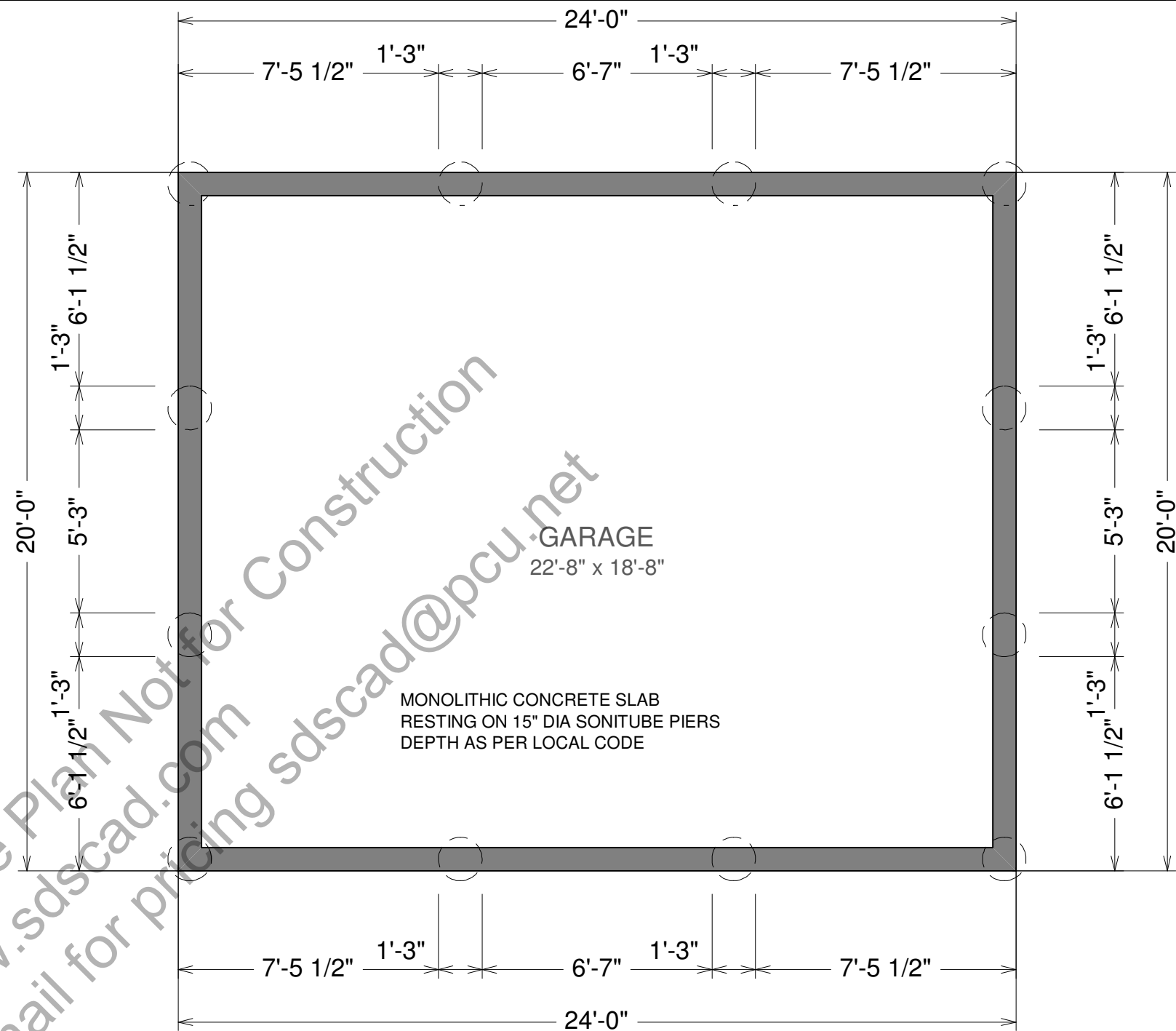
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SHEET NO. 2
OF 6



PICTORIAL VIEW



FOUNDATION PLAN

SCALE 1/4"=1'

Concrete:

1. All slabs are to be 5" concrete over 4" gravel unless otherwise noted on the plans.
2. Concrete to be ACI 301-66, Type II cement, 2500 psi at 28 days, 5" maximum slump.
3. If required reinforcing to be ASTM A615-Bars with Fy=60 ksi lap 30 diameter minimum at splices or weld per ACI Std.
4. Concrete design based on Fc 1500 psf, Fc 2500 psi for quality only.
5. Anchor bolts shall be A-307 embedded 7" minimum into concrete or masonry grout.

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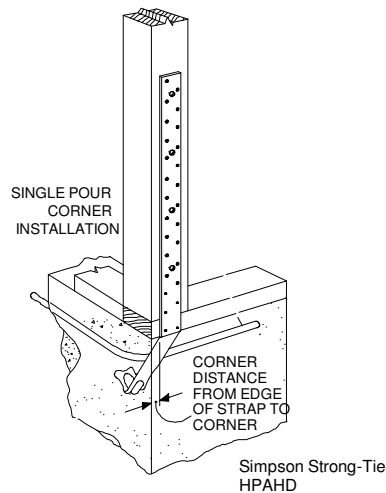
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SHEET NO. **3**

6



HPAHD straps for all (ABWP) Alternate Braced Wall Panels
See additional detail for all (BWP) Braced Wall Panels

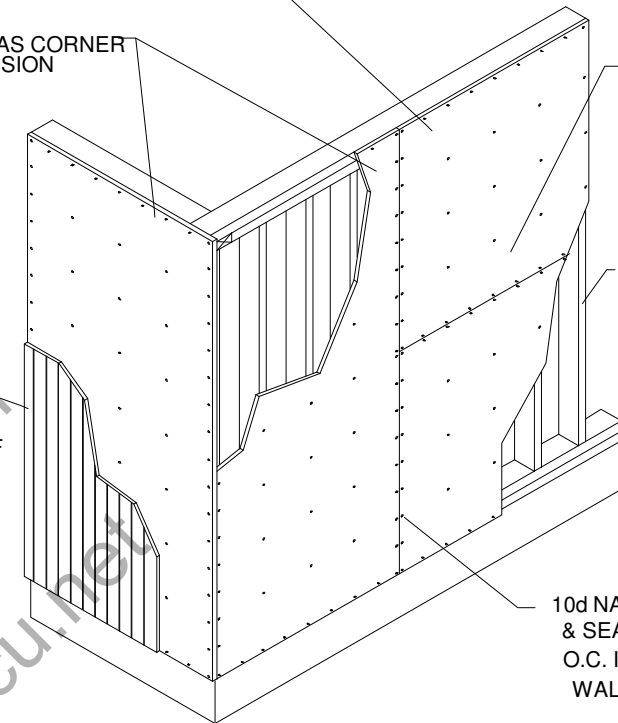
TYPICAL ALTERNATE BRACED WALL PANEL (ABWP)

NOTE: TYPICAL DETAILS FOR CONSTRUCTION TO MEET BUILDING REQUIREMENTS. GARAGES TO BE BUILT AS PER LOCAL CODE REQUIREMENTS

CDX PLYWOOD SHEAR WALL INSTALLED W/ LONG DIMENSION ACROSS STUDS. STAGGER VERTICAL JOINTS

PANEL SHEATHING USED AS CORNER BRACING W/ LONG DIMENSION PARALLEL TO STUDS

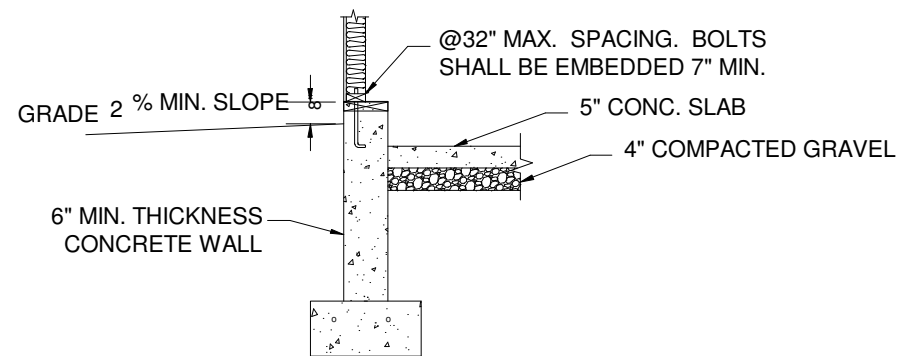
LEAVE 1/4" GAP @ EDGES & 1/8" GAP @ ENDS UNLESS OTHERWISE RECOMMENDED BY MANUFACTURER



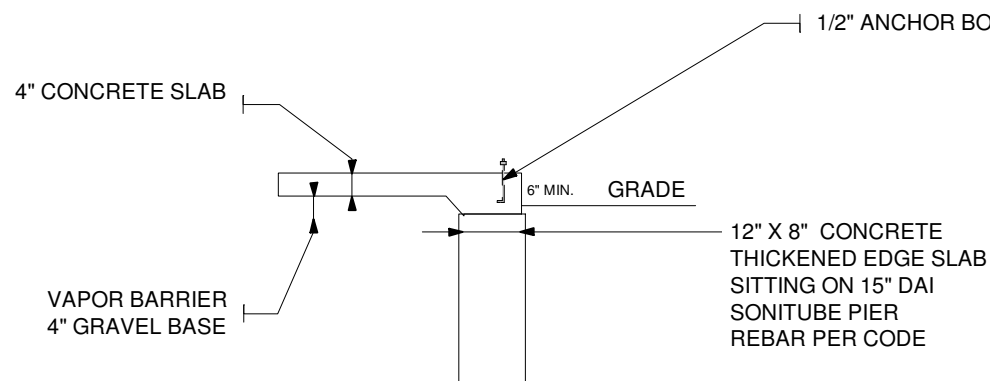
SIDING MATERIAL STRUCTURAL PANEL CAN ACT AS SIDING IF OF EXTERIOR GRADE

10d NAILS @ 6" O.C. AT EDGES & SEAMS AND 10d NAILS @ 12" O.C. IN FIELD U.N.O. ON SHEAR WALL SCHEDULE

TYPICAL BRACED WALL PANEL (BWP)

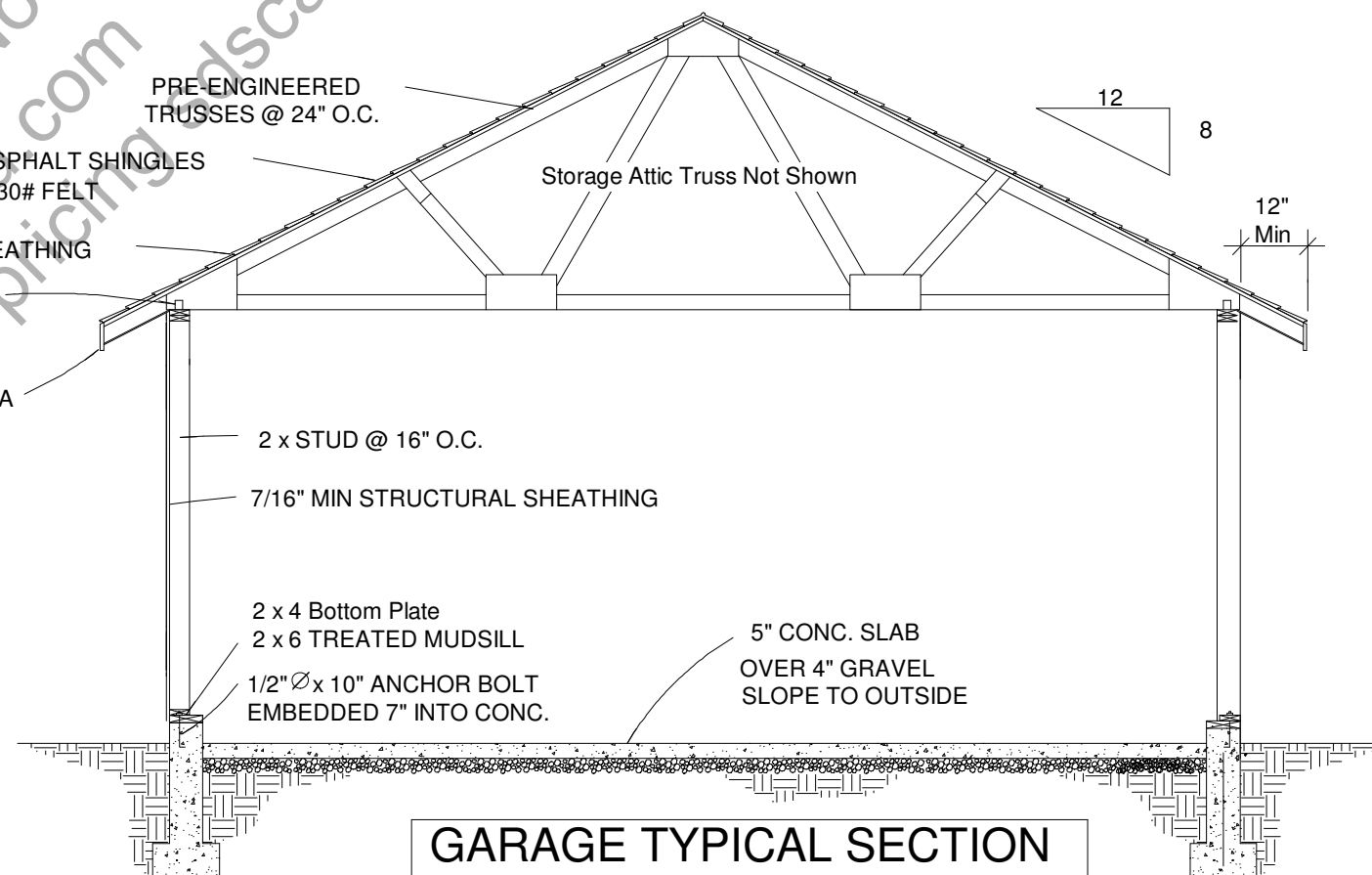


Footing and concrete wall option



Pier/Monolithic slab foundation option

PRE-ENGINEERED TRUSSES @ 24" O.C.
ASPHALT SHINGLES OVER 30# FELT
5/8" SHEATHING
SIMPSON H1 TRUSS CLIP
1 x 6 FASCIA



GARAGE TYPICAL SECTION

Residential Design

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DETAILS

SHEET NO. 5 OF 6

