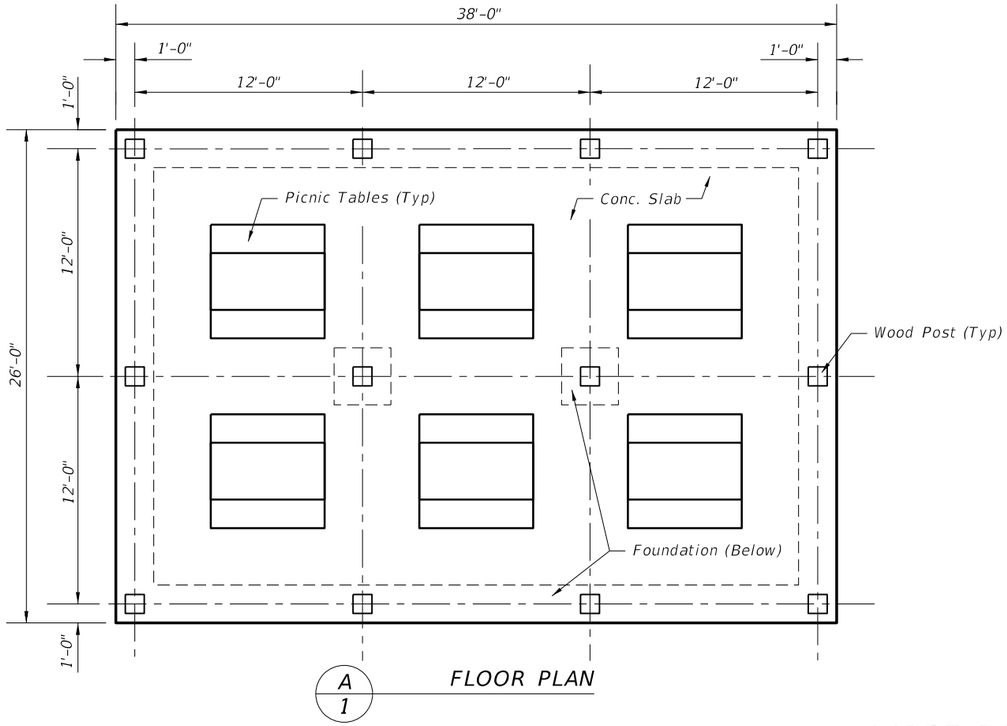
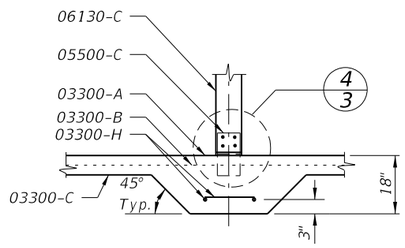


A/1 FLOOR PLAN

LARGE PAVILION



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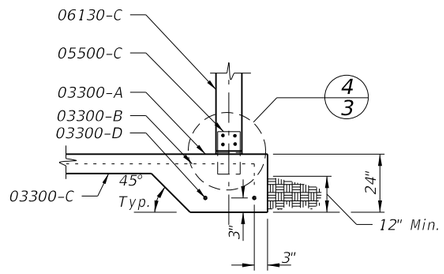

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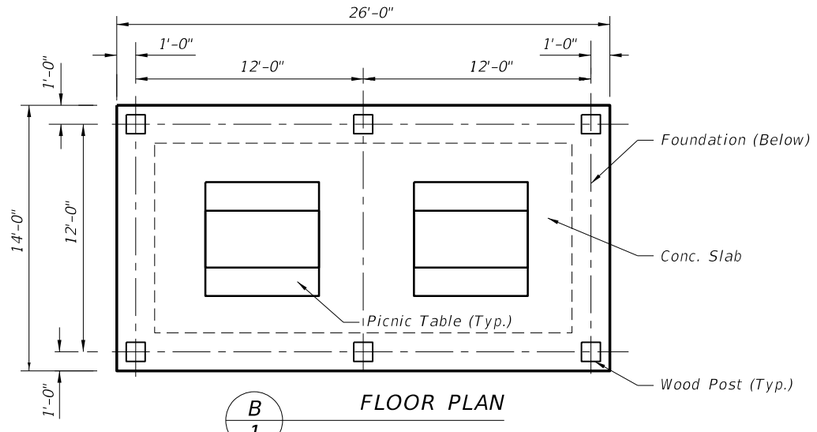
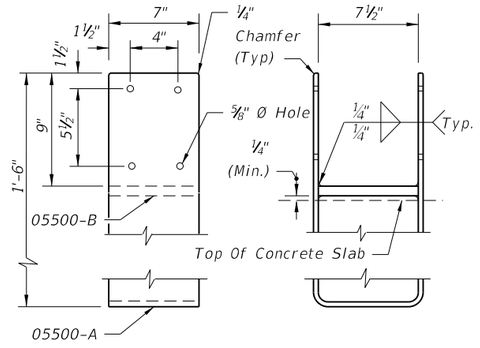


B/1 FLOOR PLAN

SMALL PAVILION



3/1 POST BASE DETAIL

NOTES

Keynotes on sheet 2.

FLOOR

6" reinf. concrete slab
w/ WWR 6x6-W1.4xW1.4

Drop footing at slab
perimeter & interior posts see keynotes.

Harden & broom finish slab surface.

STRUCTURE

Posts: 8 x 8 PT

Beams: 4 x 6 PT

Framing: 4x PT as described.

Misc members: 1x and 2x as described.

ROOF

3"x6" T&G wood decking.

30# asphalt impregnated fiberglass felt underlayment.

Standing seam metal roof (24 GA Steel or 0.032 Alum.) w/ Kynar 500 finish.

Structure, decking and roofing shall be designed to withstand 130 mph wind load.

BUILDING CODE

Picnic pavilions shall be constructed according to the requirements of the appropriate sections of the "Florida Building Code", current, adopted edition.

PICNIC TABLES

Picnic tables and benches shall be 6'x6' w/heavy galvanized pipe frames and recycled plastic wood seats and table tops. All tables shall be of walk thru design suitable for exterior locations. Pavilions shall meet the requirements of the Americans With Disabilities Act (ADA) accessibility guidelines. A minimum of 20% of picnic tables to meet ADA.

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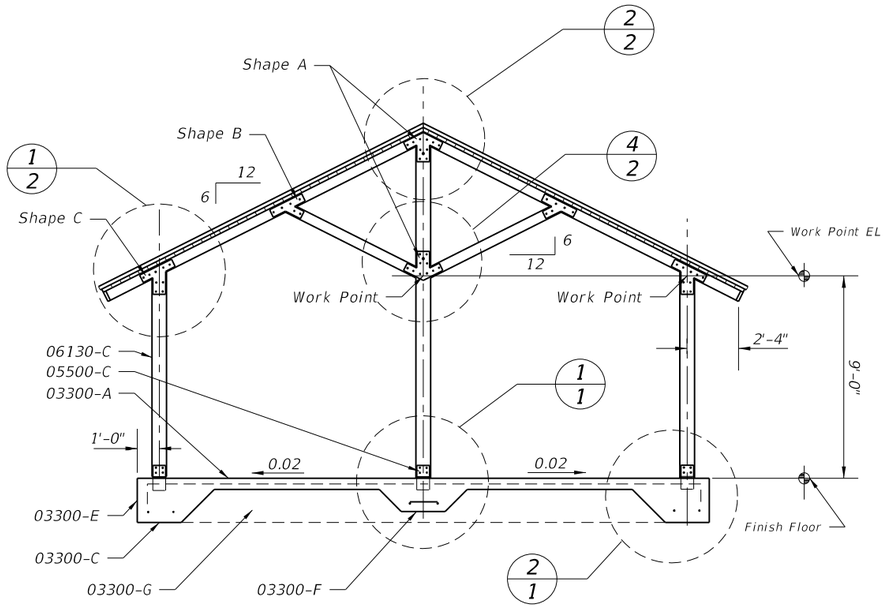
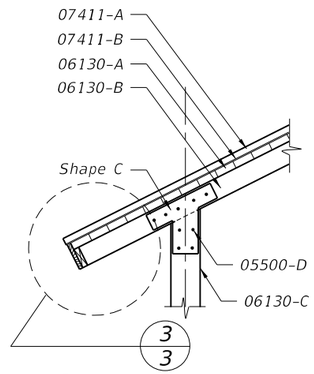
01/01/12			FDOT DESIGN STANDARDS 2013	REST AREA PAVILION	530	1



A/2 LARGE PAVILION SECTION



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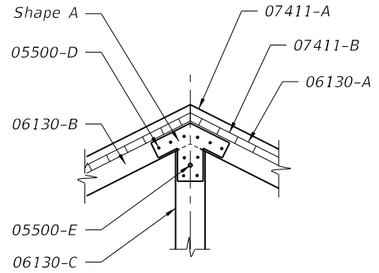

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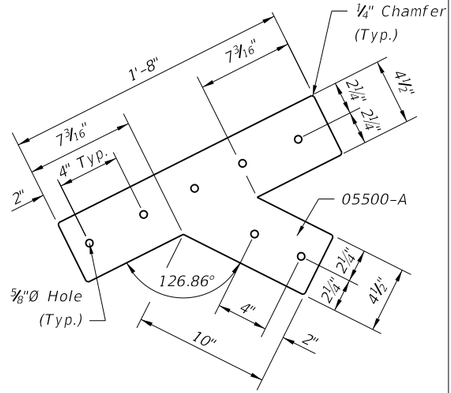
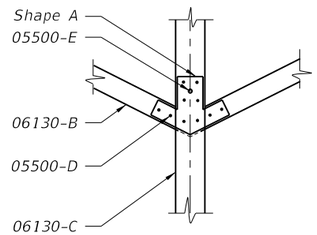


3/2 SHAPE B DETAIL

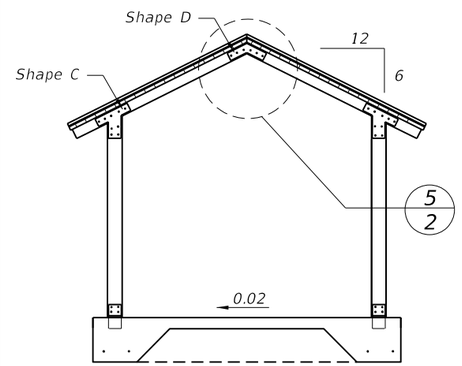


4/2 SECTION

KEYNOTES

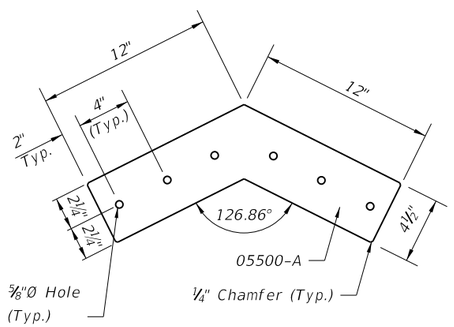
03300-A	Class II 6" conc slab
03300-B	6"x6"-W1.4xW1.4 @ ℄ of slab
03300-C	6 mil vapor barrier
03300-D	#5 rebar cont. (2 required)
03300-E	24" cont. drop footing
03300-F	18"x18" drop footing
03300-G	6" min comp sand fill
03300-H	#5x18" rebar (4 required)
05500-A	3/8" galv. steel plate
05500-B	1/2" galv. steel plate
05500-C	post base.
05500-D	1/2" Ø bolt, washer & nut (typ.)
05500-E	3/4" Ø eyebolt, washer & nut for cross brace bars
05500-F	1/2" Ø steel rod w/turnbuckle
06130-A	3"x6" T&G wood decking
06130-B	4"x6" PT wood frame
06130-C	8"x8" PT wood post
06130-D	2"x6" PT wood sub fascia
06130-E	1"x10" PT wood fascia
06130-F	3/4" ± wood shim
07411-A	Standing seam metal roof
07411-B	Felt underlayment

Alternate Material Note: These structures are shown with timber frames and decking. Alternate materials (i.e., aluminum, steel, etc.) may be used when submittals are signed and sealed by a specialty engineer as per Section 5 of the Standard Specifications and when approved by the Engineer.

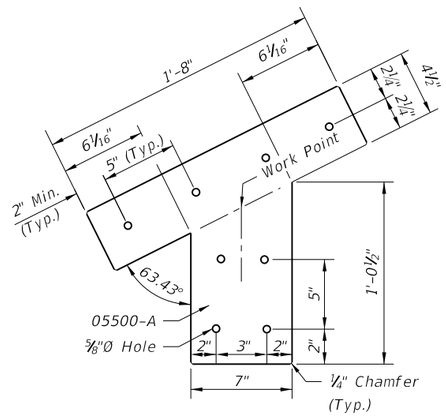


NOTE: DETAILS TO MATCH THOSE OF LARGE PICNIC PAVILION

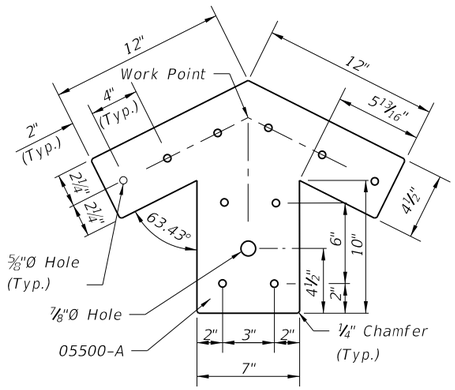
B/2 SMALL PAVILION SECTION



5/2 SHAPE D DETAIL



6/2 SHAPE C DETAIL



7/2 SHAPE A DETAIL

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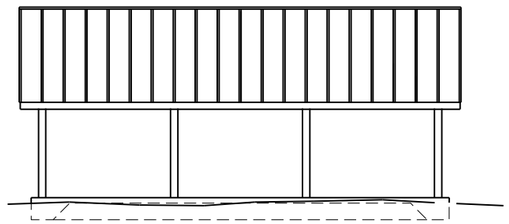
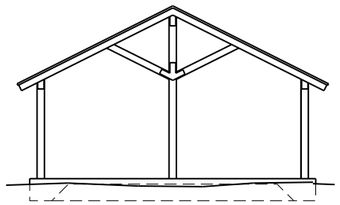
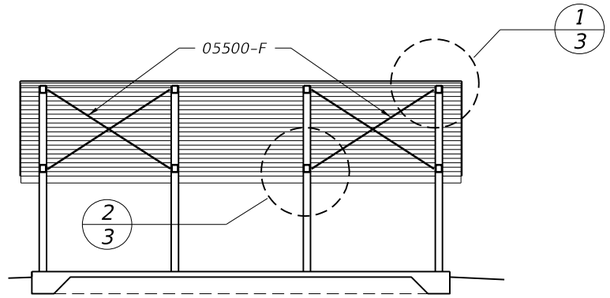


A/3 SIDE ELEVATION



B/3 END ELEVATION



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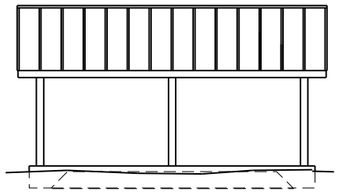
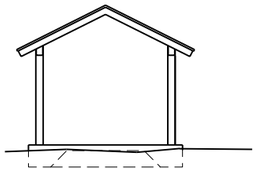


D/3 SIDE ELEVATION



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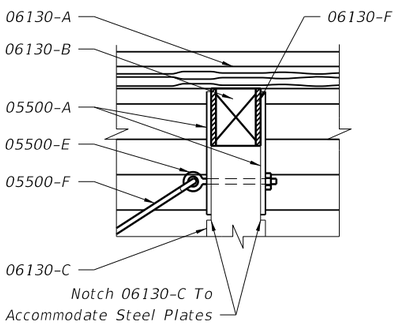

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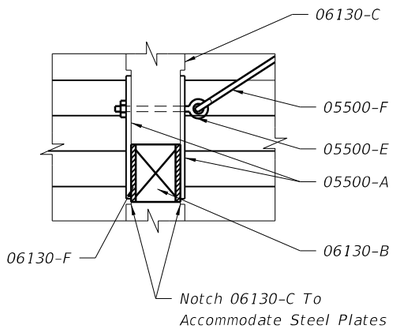
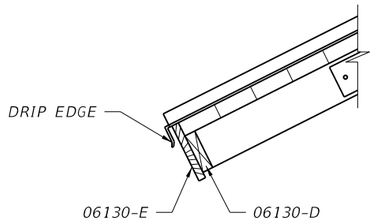
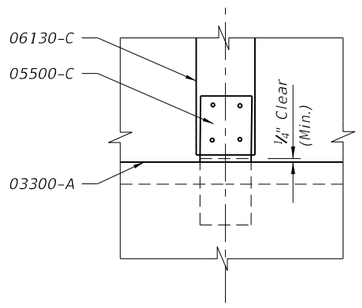


2/3 DETAIL



3/3 DETAIL
Similar At Roof Rake



4/3 DETAIL

SPECIFICATIONS

Keynotes On Sheet 2.

CONCRETE

Concrete: FDOT Class II.

Reinforcing Bars: ASTM A615, Grade 60.

Welded Wire Fabric: ASTM A-185.

Vapor Barrier: Black 6-Mil Polyethylene.

STEEL

Galvanized Steel Plate: Steel Plate ASTM A36 or A709.

Provide galvanizing in accordance with the requirements of ASTM A123.

Galvanized Fasteners: High-Strength bolts and nuts, ASTM A325 in accordance with Specification Section 962.

Galvanize shapes after fabrication, make field repairs to galvanizing in accordance with Specification Section 562.

WOOD

Comply with American Institute For Timber Construction AITC 108, "Standard For Heavy Timber Construction."

For solid wood decking, comply with AITC 112, "Standard For Tongue And Groove Heavy Timber Standard."

Species: Douglas Fir, Hem-fir, or Southern Pine, at fabricator's option.

Preservative Treatment: Pressure treat fabricated members with waterborne solution for above ground use, complying with AWPA U1, category UC3B above ground exposed.

Wood Decking: Predrill decking at 30" centers for lateral spiking to adjacent units. Spikes to be 8" spikes galvanized common.

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LAST REVISION	REVISION	DESCRIPTION:			INDEX NO.	SHEET NO.
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