

Application for Urban Design Committee Review

Department of Planning and Development Review 900 E. Broad Street, Room 510 Richmond, Virginia 23219 | (804) 646-6335

https://www.rva.gov/planning-development-review/urban-design-committee



Application Type (select one) Location, Character, & Extent Section 17.05 Other:	Encroachment Design Overlay District	Review Type (select one) Conceptual Final
Project Information		Submission Date: 2/8/20
Project Name: Pine Can	op Outdoor Classi	10/m
Project Address: 4961 Old B	Rook Road Richmond	d, VA ZZZZZ
Brief Project Description (this is not	a replacement for the required de	etailed narrative):
We are execting a behind the main	16'x 24' outdoor Cla Pine lamp Acts bu	ilding.
''		ith an exception for encroachments)
City Agency: Parks & Realed Main Contact (if different from App	ation Dep. Cutural Arts	Phone: 804 646 - 3677
Company: N/A		Phone: N/H
Email: 1/19		•
Submittal Deadlines All applications and support materia of the Urban Design Committee (UD) adjusted due to City holidays. Late of Application It is important that the applicant disc Administration staff, and area civic of	C). Please see the schedule on page or incomplete submissions will be cause the proposal with appropriate (ge 3 as actual deadlines are deferred to the next meeting. City agencies, Zoning
Applications should be emailed to the		-

Background

Raymond.roakes@rva.gov.

The UDC is an 11 member committee created by City Council in 1968 whose purpose is to advise the City Planning Commission (CPC) on the design of projects on City property or right-of-way. The UDC provides advice of an aesthetic nature in connection with the performance of the duties of the Commission under Sections 17.05, 17.06, and 17.07 of the City Charter. The UDC also advises the Department of Public Works in regards to private encroachments in the public right-of-way.



6'x24' Rectangle Wood Pavilion

This drawing is the property of Country Lane Woodworking, LLC, provided by Timber Tech Engineering

sefore starting work and any discrepancy shall be reported to the Country Lane Woodworking, LLC is prohibited. Drawings shall not involved on this project shall verify all dimensions and conditions be scaled to obtain dimensions. The contractors and builders engineer in writing before starting work. se of this drawing without the written consent of

Drawing Index

Page 1 - Elevations

Page 2 - Post Layout Plan

Page 3 - Roof Framing

Page 4 - Cross Section, Details

Page 5 - Page 9 - Details

GERMAL NOTE:

All notes do not necessarily apply due to different requirements on each project. This plan is intended to reflect only the structural. drawings or listed below. Revisions to the plans shall be approved by engineer of record. ensure building conformance. Timber Tech Engineering, Inc. is not responsible for information pertaining to this project if not shown on design of this building. The contractor shall review all applicable local, state, and federal building codes prior to the start of construction to

Coverning Code: Including, not similed to: IBC 2009
 Deed Loads:

3. Live Loads C Officer B. Floor A. Roof (See also note 44) 37.8 pat n/a pat \$ \$ s

A Show Loads
A Ground Show (Pg) B. Flet Roof Snow (PI) C. Offuer 55 37 ks

C. Snow Exposure Factor (Ce)
D. Snow Load Importance Factor (I)
E. Urbstanced Snow i. Windward Roof

5. Wind Load B. Wind Load Importance Factor (I) C. Wind Exposure Calegory A. Basic Wind Speed (V) Leeward Roof 8 **8** 0

6. Eurthquake Design Data: E Components and Cladding: D. Enclosure Category +72 pel/-93 pel

(Analysis based on equivalent lateral force procedure) Spectral Response Acceleration

B. Spectral Response Acceleration at short

periods, 8
C. Selamic Use Group

D. Occupancy Importance Factor, 1

E. Site Class

F. Baald Shranker

T. Schranker

D. Stranker

D. Str Cariflovered Column Timber Frame

Response Modification Factor (R)
Deflection Amplification Factor (Cd)

BANDONS

8 8 一門 真身 concrete continuous dameter existing floor foot/feet gauge hardware header joist beem HERRARDER PRESENT relliments
rethritum
rethritum
ret not to come
ret out owner
pounds per cuttle fool
respond
returned
returned
returned points per equire fool pounts per equire inch required shall be a state of the control of the co

General Requirements A Structural wood members and connections shall be of sufficient size or capacity to curry all design loads without exceeding the allowable design values specified in The National Design specification for Wood Construction (IDS), 2005 edition, and its "Supplement" by the

American Forset and Paper Association (AF+PA).

B. Wood members used for load supporting purposes shall have the grade mark of a lamber grading agency certified by the American Lumber Standards Committee.

A All lumber species, graded visuely or mechanically, shall comply with the NDS by AFT+PA, and the "American Softwood Lumber Standard" (PS 20-94) by the U.S. Department of Commerce.

B. The minimum grade and species for posts, beans, headers, and other primary structural members shall be Dense Salect Structural Southern Pite, unless specified otherwise.

C. Lumber used for secondary training shall be \$! Southern Yellow Pine (SYP) or better.
D. Post traine headers shall be two-span continuous beams with all multiple ply

headers overlapping so that the buit joints for each ply do not occur at the same post.

E. Mocherically teminated columns shall conform with ANSI/ASAE EP 559.

3. Prossure Preservative Treatment (PPT)

A Pressure treatment to be performed according to the American Wood Preservers' Association (AWPA) standards.

B. Pressure treated members shall have the inspection mark of an agency accredited by the American Lumber Standards Committee.

C. Freeervather: Ammonia Copper Gusternery ammonia (ACO) or Copper Boron Azole (CBA)

D. Minimum weterborne treatment retention shall be 0.4 pcf for members above ground, and

0.6 pcf for members in contact with earth. E. Treat indicated liens and the following:

Wood members exposed to weather or insect infestation.
 Wood members in direct contact with earth or concrete.

3. Wood members exposed to high moleture carrient 099% for dimension tember, 216% for glued laminated timber).

4. Wood members less than 12 inches above grade.

F. Fleid treat newly exposed wood where cutting drilling or notching pressure treated lumber.

Q. Metal connectors used in treated wood shall be hot-dip galvanized as per ASTM ASS-0ta.

A. Connections shall be designed and constructed according to the NDS by AF-PA and shall. conform to the following:

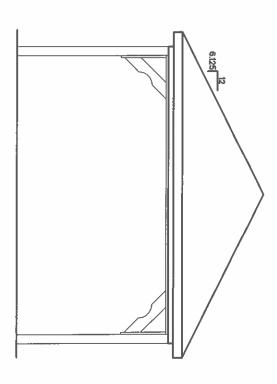
B. Other connections as per standard construction practice. A. The inhimum connection shall be two 12 penny natis, or as detailed on the drawings

800 b	ax. shear at column base
7,000 lb	ax downward force at olumn base
3,400 lb	ax. uplift at column base
5,125 lb-ft	tax. Moment in column
	Design Reaction Chart

08 NUMBER: E141-10 AGE: 1 OF 9

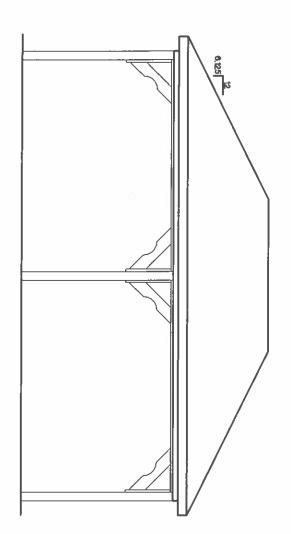
PROJECT: STANDARD PLANS FOR 16 x24 RECTANGLE WOOD PAVILION

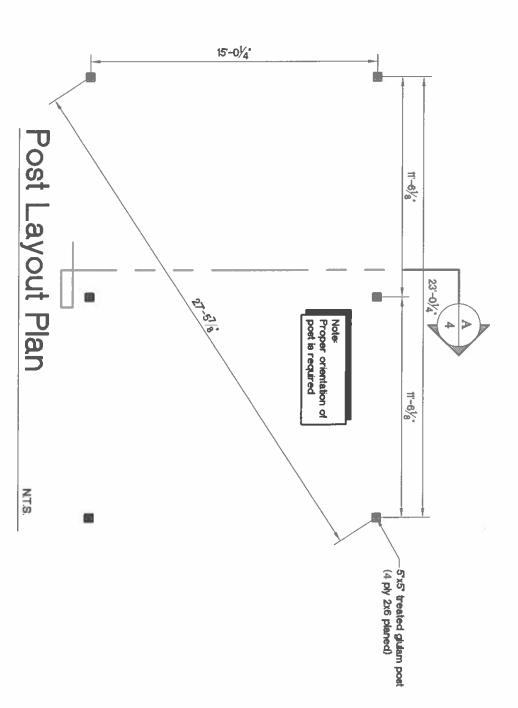
This drawing is the property of Country Lane Woodworking, LLC, provided by Timber Tech Engineering, Inc. and reproduction, afteration or use of this drawing without the written consent of Country Lane Woodworking, LLC is prohibited. Drawings shall not be scaled to obtain dimensions. The contractors and bulkers involved on this project shall verify all dimensions and conditions before starting work and any discrepancy shall be reported to the engineer in writing before starting work.

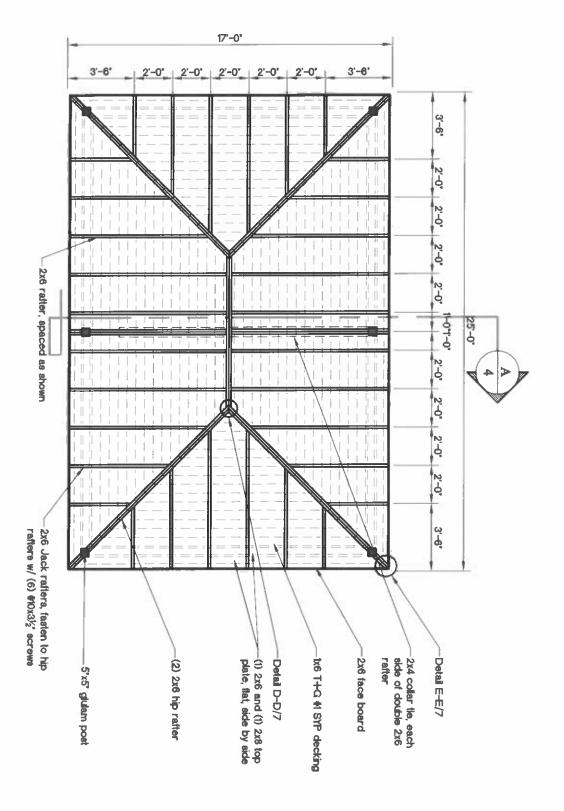


End Elevation

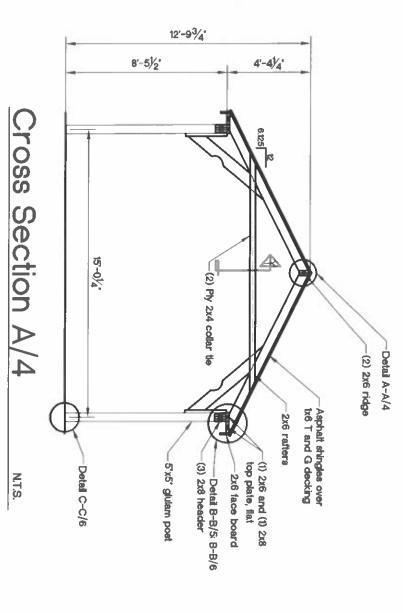
N.T.S.

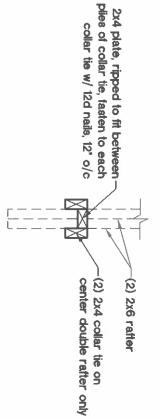


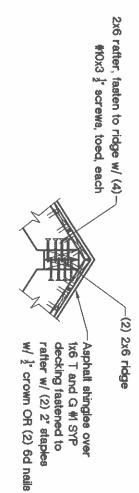




Roof Framing Plan







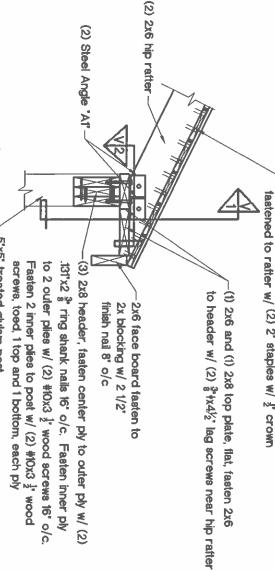
View 1 Cross Section A/4

N.T.S.

N.T.S.

Detail A-A/4
Typical Single Rafter

Asphalt shingles over 1x6 T and G #1 SYP decking fastened to rafter w/ (2) 2" staples w/ 2" crown

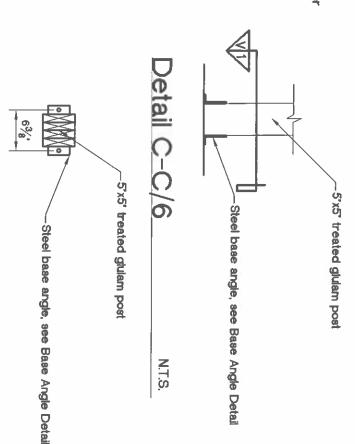


.131"x2 3 ring shank nails 16" o/c. Fasten inner ply (3) 2x8 header, fasten center pty to outer pty w/ (2)

to 2 outer plies w/ (2) $\#10x3 \frac{1}{2}$ wood screws 16" o/c.

-5"x5" treated glulam post N.T.S.

Hip Rafter Connection)etail B-B/6



View 1 Detail C-C/6

3<u>3</u>,

steel

က် လက်

screw anchor (1) $\frac{5}{8}$ + hole for $\frac{1}{2}$ +x4" ယ်ုဏ

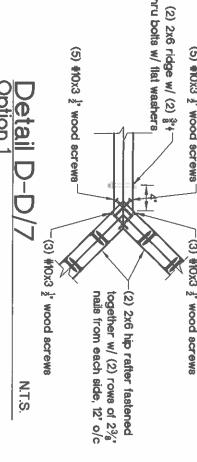
N.T.S.

Base Angle Detail

#10x3 ½" wood screws (7) ½* holes for (7)

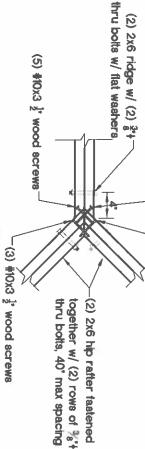
0 0

N.T.S.



Option | (3) #10x3 ½ wood screws

#"Ø hale for ₹Ø balt



2 1/2"x8"x3 3/8"x1/8" steel angle "A1"

1/4"Ø hole for wood screw

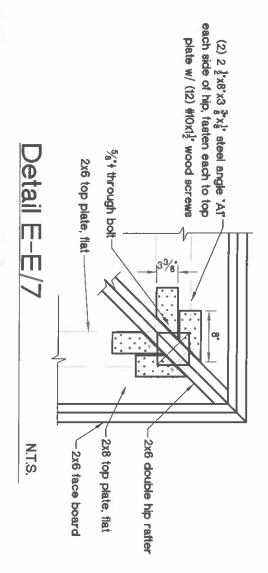
Note:
Use flat washers under bolt head and nut (125" O.D. min.)

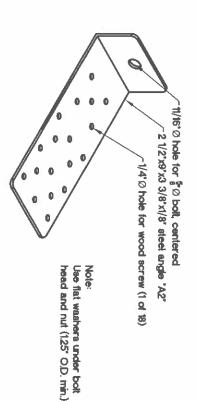


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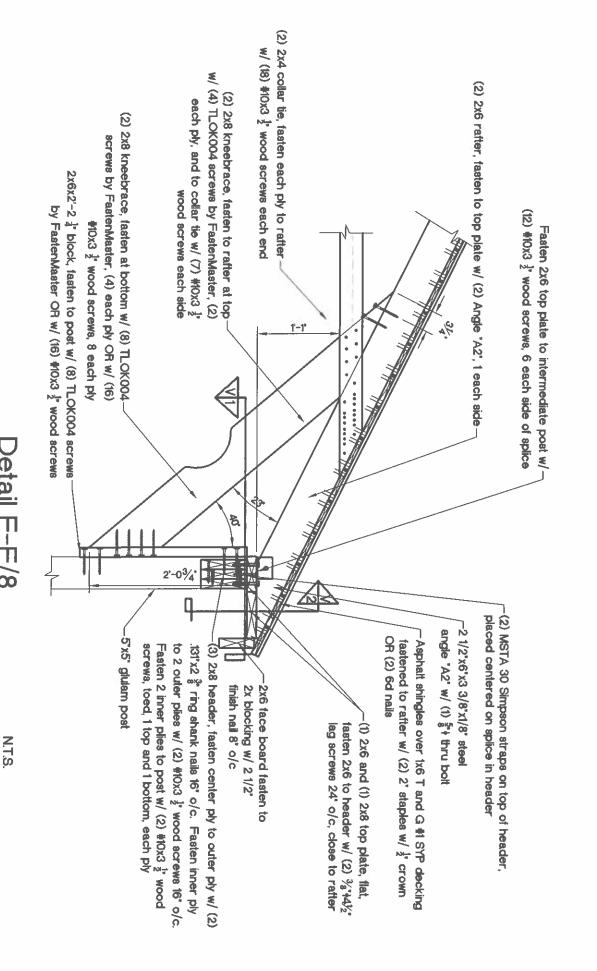
Detail D-D/J Option 2

N.T.S.





N.T.S.



Center Double Rafter

