

RECEIVED

PERMIT NUMBER: B 23000351

DATE ACCEPTED:

FEB 02 2023

LICENSES & PERMITS DIVISION

**RESIDENTIAL BUILDING PERMIT APPLICATION**  
 HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSES, AND PERMITS  
 3430 COURT HOUSE DRIVE, ELLICOTT CITY, MD 21043 - PHONE: (410) 313-2455 OPTION #4  
 www.howardcountymd.gov

**BUILDING SITE ADDRESS REQUIRED**

Street Address: 1442 Heritage Ridge Road Unit: \_\_\_\_\_  
 City: Woodbine State: MD Zip Code: 21797  
 Subdivision/Village/Complex Name: Linden Grove SDP/WP/BA #: \_\_\_\_\_  
 Lot: 35 Tax Map: \_\_\_\_\_ Parcel: \_\_\_\_\_ Grading Permit #: \_\_\_\_\_

**DESCRIPTION OF WORK REQUIRED**

Existing Use: New Construction Proposed Use: Residential Estimated Cost: \$ 11,115.00  
 Trade Work to Be Completed (Separate Permits Required):  Mechanical (HVACR)  Electrical  Plumbing  None  
 Installation of 12'x18' vinyl pergola, exposed rafters, as per attached plans

**PROPERTY OWNER INFORMATION REQUIRED**

Owner(s) Name(s) (As It appears on tax records): Toll Brothers Inc Primary Residence:  Yes  No  
 Owner's Street Address: 1140 Virginia Drive  
 City: Fort Washington State: PA Zip Code: 19034  
 Phone: 571-992-0411 Email: akrauth@tollbrothers.com

**APPLICANT NAME REQUIRED - INDIVIDUAL WHO SIGNS THIS APPLICATION**

Business Name: Toll Landscape LLC Contact Name: Adele Krauth  
 Street Address: 3191 Trewigtown Rd.  
 City: Colmar State: PA Zip Code: 18915  
 Phone: 215-293-5620 Email: akrauth@tollbrothers.com

**CONTRACTOR INFORMATION REQUIRED**

Business Name: Same as applicant License #: PA027919  
 Street Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Email: \_\_\_\_\_

**ARCHITECT/ENGINEER INFORMATION INDIVIDUAL WHO SIGNED PLANS, IF APPLICABLE**

Business Name: \_\_\_\_\_ Name: \_\_\_\_\_  
 Street Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Email: \_\_\_\_\_

**BUILDING CHARACTERISTICS REQUIRED**

Primary Structure:  SF Dwelling  SF Townhouse  SF Duplex  Mobile Home  Multi-Family Dwelling (MF\*) Condo:  Yes  No  
 Utilities:  Electric  Gas Water Supply:  Public  Private (Well) Sewage Disposal:  Public  Private (Septic)  
 Heating System:  Electric  Natural Gas  Propane  Other: \_\_\_\_\_ Roadside Tree Project:  No  Yes: # \_\_\_\_\_  
 Sprinkler System:  NFPA 13  NFPA 13R  NFPA 13D  None Fire Alarm System:  Yes  No  Voice Evac

**ADDITIONAL RESIDENTIAL INFORMATION (PLEASE SELECT/COMPLETE ALL THAT APPLY)**

Model Name & Options:  
 # of Bedrooms (SF): \_\_\_\_\_ # of efficiency units (MF\*): \_\_\_\_\_ # of 1 BR (MF\*): \_\_\_\_\_ # of 2 BR (MF\*): \_\_\_\_\_ # of 3 BR (MF\*): \_\_\_\_\_  
 # Rooms: \_\_\_\_\_ # Full Baths: \_\_\_\_\_ # Half Baths: \_\_\_\_\_ # Fireplaces: \_\_\_\_\_  
 Garage/Carport Info:  Attached Garage  Detached Garage  Integral Garage  Carport  None  
 Basement/Foundation Info:  Slab on Grade  Post & Pier  Unfinished Basement  Finished Basement:  Full or  Partial  
 1<sup>st</sup> Fl Width: \_\_\_\_\_ 1<sup>st</sup> Fl Depth: \_\_\_\_\_ 2<sup>nd</sup> Fl Width: \_\_\_\_\_ 2<sup>nd</sup> Fl Depth: \_\_\_\_\_ Bsmt Width: \_\_\_\_\_ Bsmt Depth: \_\_\_\_\_  
 Energy Method:  Prescriptive  Performance  UA Alternative  ERI Gross Area: \_\_\_\_\_ sq ft Occupable Area: \_\_\_\_\_ sq ft

**AGREEMENT/ DISCALIMER REQUIRED**

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Adele Krauth 1/30/2023  
 APPLICANT'S ORIGINAL SIGNATURE DATE SIGNED

**FOR OFFICE USE ONLY** CHECKS PAYABLE TO: DIRECTOR OF FINANCE OF HOWARD COUNTY

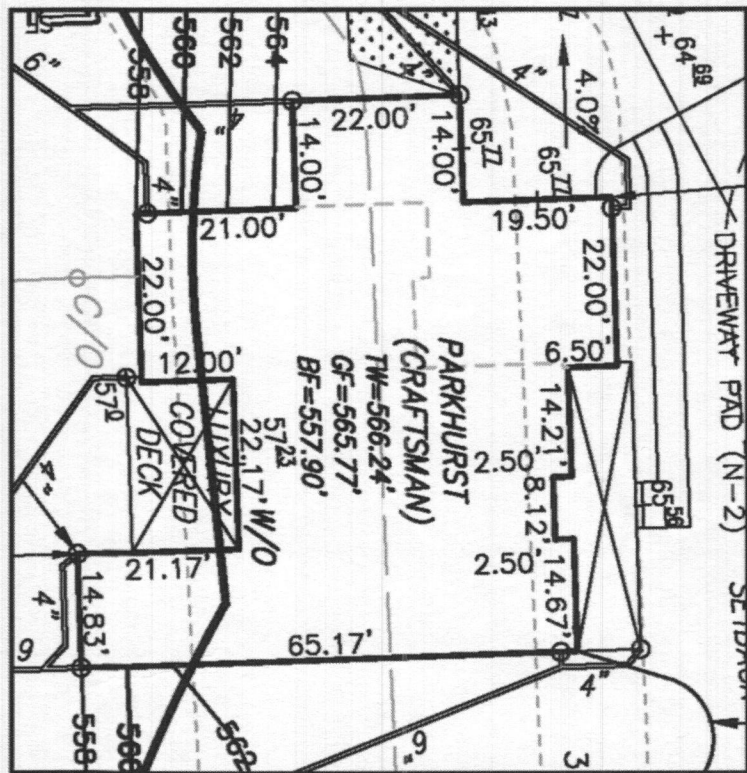
AGENCIES REQUIRED/APPROVALS:  PR  DPZ  DED  Health  SHA  CID

SUBMITTAL FEES: 25.00 PAYMENT: Will pay online ACCEPTED BY: MP

**LEGEND:**

- BRL BUILDING RESTRICTION LINE
- W WELL LOCATION
- T.W. TOP OF WALL
- G.F. GARAGE FLOOR
- B.F. BASEMENT FLOOR
- PASSED PERC LOCATION
- FAILED PERC LOCATION
- SILT FENCE
- SUPER SILT FENCE
- SCE STONE CONSTRUCTION ENTRANCE
- ▨ SEWAGE DISPOSAL AREA
- ▨ WELL BOX AREA
- PROPOSED TREE
- PROPOSED TREE
- PROPOSED TREE

NOTE:  
TOTAL LIMITS OF DISTURBANCE (LOD) = 33,239 SQ. FT.



BUILDING SETBACKS (B.R.L.'s) SHOWN HEREON PER SITE DEVELOPMENT PLAN SETBACK DISTANCES SHOWN HEREON AS "±" HAVE AN ACCURACY OF ±0.1' FOOT.

**HOUSE TYPE: PARKHURST (CRAFTSMAN)**

- TWO CAR SIDE ENTRY GARAGE
- WALK-OUT BASEMENT
- WET BAR ROUGH-IN
- OPTIONAL DROP ZONE
- MULTI-GENERATIONAL SUITE ADDITION
- ADDITIONAL ONE CAR FRONT ENTRY GARAGE - 14'
- OUTDOOR LIVING DECK-WALK-OUT

- OPTION No. 012
- OPTION No. 017
- OPTION No. 048246
- OPTION No. 263081
- OPTION No. 263073
- OPTION No. 263102
- OPTION No. 263169

WELL NUMBER: HO-20-0029  
ADDRESS: 1442 HERITAGE RIDGE ROAD  
WOODBINE, MD 21797

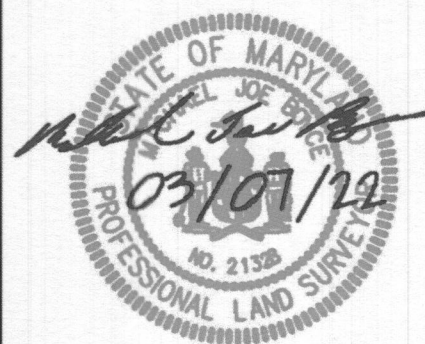
PLOT PLAN  
LOT 35  
**LINDEN GROVE**  
LIBER 15899, FOLIO 246  
PLAT NO. 25722  
ELECTION DISTRICT No. 4  
HOWARD COUNTY, MARYLAND

**ESE CONSULTANTS**

ENGINEERING • PLANNING • SURVEYING • ENVIRONMENTAL

ESE Consultants, Inc.  
6731 Columbia Gateway Drive • Suite 120 • Columbia, MD 21046  
T: 410-872-9105

DATE: 02/02/2022 SCALE: 1" = 40' FILE: PP LOT 35 - Parkhurst Craftsman  
CHK'D: M.J.B. JOB NO: 4683 DRAWN: G.V.S./C.E.R.



*Approved*  
B2300351  
RAC 2/14/2023

FOREST

# 12'x18' Vinyl A-Frame Pavilion

This drawing is the property of Country Lane Woodworking, LLC, provided by Timber Tech Engineering, Inc. and reproduction, alteration 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 builders 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.

## Drawing Index

- Cover Page - Notes, Reaction Chart
- Page 1 - Elevations
- Page 2 - Post Layout Plan, Roof Framing Plan
- Page 3 - Cross Section A/3, Cross Section B/3, Detail A-A/3
- Page 4 - Detail B-B/4
- Page 5 - Detail C-C/5, Detail D-D/5, Detail E-E/5, Detail F-F/5, Base Angle Detail

### GENERAL NOTES

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

### DESIGN REQUIREMENTS

1. Governing Code:  
Including, not limited to: IBC 2015  
Risk Category I
2. Dead Loads:
 

A. Roof	10	psf
B. Floor	n/a	psf
C. Other	n/a	psf
3. Live Loads:
 

A. Roof (See also note #4)	30	psf
B. Floor	n/a	psf
C. Other	n/a	psf
4. Snow Loads:
 

A. Ground Snow (Pg)	45	psf
B. Flat Roof Snow (Pf)	30	psf
C. Snow Exposure Factor (Ce)	1.0	
D. Snow Load Risk Factor (I)	0.8	
E. Unbalanced Snow		
i. Windward Roof	0	psf
ii. Leeward Roof	36	psf
5. Wind Load (ASCE 7-10)
 

A. Ultimate Wind Speed (V <sub>ult</sub> )	160	mph
B. Wind Exposure Category	C	
C. Enclosure Category	Open	
6. Earthquake Design Data:  
(Analysis based on equivalent lateral force procedure)
 

A. Spectral Response Acceleration at 1 sec, S	0.30	
B. Spectral Response Acceleration at short periods, S	0.49	
C. Seismic Importance Factor, I	1.0	
D. Site Class	D	
E. Seismic Design Category	D	
F. Basic Structural System	Cantilevered Column: Timber Frame	
G. Response Modification Factor (R)	1.5	
H. Deflection Amplification Factor (Cd)	1.5	

### WOOD

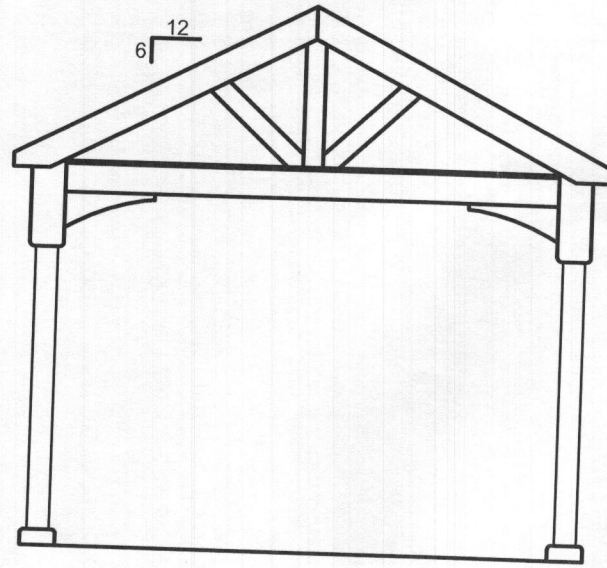
1. General Requirements
  - A. Structural wood members and connections shall be of sufficient size or capacity to carry all design loads without exceeding the allowable design values specified in "The National Design specification for Wood Construction" (NDS), and its "Supplement" by the American Wood Council (AWC).
  - B. Wood members used for load supporting purposes shall have the grade mark of a lumber grading agency certified by the American Lumber Standards Committee.
2. Heavy Timbers
  - A. Structural solid sawn timbers shall be designed, fabricated and installed in accordance with the NDS by AWC.
  - B. Structural glued laminated soft wood timbers shall conform with the "American National Standard or Structural Glued Laminated Timber", (ANSI/AITC 190.1).
  - C. Structural decking shall conform to the NDS.
  - D. Glued laminated columns shall be manufactured with laminating combinations that will provide a minimum design value of 1,850 psi for compressive stress (F<sub>c</sub>), and 2,200 psi for bending stress (F<sub>b</sub>).
3. Dimension Lumber
  - A. All lumber species, graded visually or mechanically, shall comply with the NDS by AWC, and the "American Softwood Lumber Standard" (PS 20) by the U.S. Department of Commerce.
  - B. The minimum grade and species for posts, beams, headers, and other primary structural members shall be Dense Select Structural Southern Pine, unless specified otherwise.
  - C. Lumber used for secondary framing shall be #1 Southern Yellow Pine (SYP) or better.
  - D. Mechanically laminated columns shall conform with ANSI/ASAE EP 559.
4. Pressure 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. Preservative: Ammonia Copper Quaternary ammonia (ACQ) or Copper Boron Azole (CBA)
  - D. Minimum waterborne treatment retention shall be 0.4 pcf for members above ground, and 0.6 pcf for members in contact with earth.
- E. Treat indicated items and the following:
  1. Wood members exposed to weather or insect infestation.
  2. Wood members in direct contact with earth or concrete.
  3. Wood members exposed to high moisture content (>19% for dimension lumber, >16% for glued laminated timber).
  4. Wood members less than 12 inches above grade.
  - F. Field treat newly exposed wood where cutting, drilling or notching pressure treated lumber.
  - G. Metal connectors used in treated wood shall be hot-dip galvanized as per ASTM A153.
5. Connections shall be designed and constructed according to the NDS by AWC and shall conform to the following:
  - A. The minimum connection shall be two #10x3 1/2" wood screws, or as detailed on the drawings.
  - B. Other connections as per standard construction practice.

### Polyvinyl Chloride Compound (PVC)

1. General Requirements
  - A. PVC sleeve material used to wrap wood members to be supplied according to CertainTeed corporation specifications or equivalent.
  - B. PVC sleeve material to be 0.160" thick for posts, and 0.105" thick for other structural members

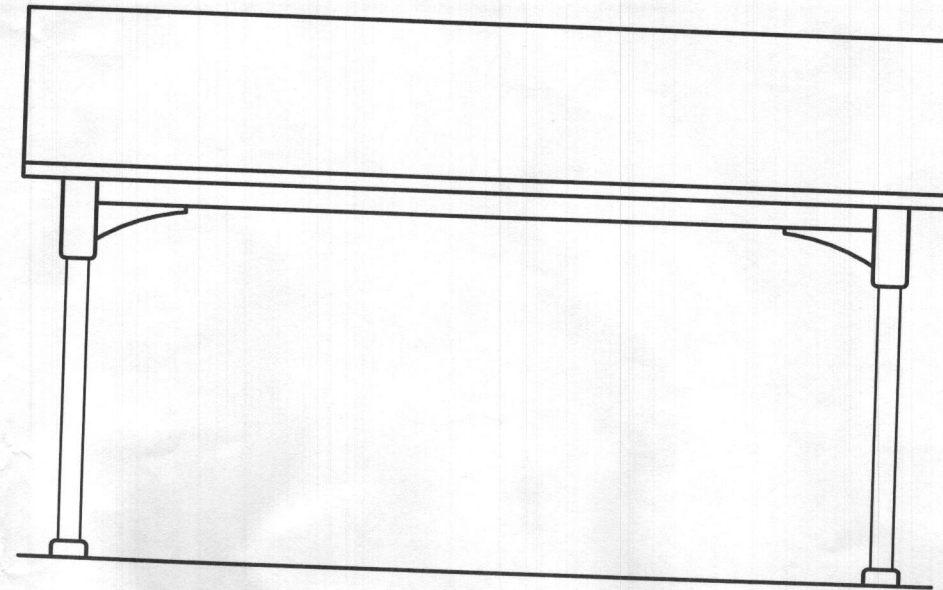
Design Reaction Chart	
Max. uplift at column base	600 lb
Max. downward force at column base	2500 lb
Max. shear at column base	400 lb

This drawing is the property of Country Lane Woodworking, LLC, provided by Timber Tech Engineering, Inc. and reproduction, alteration 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 builders 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.



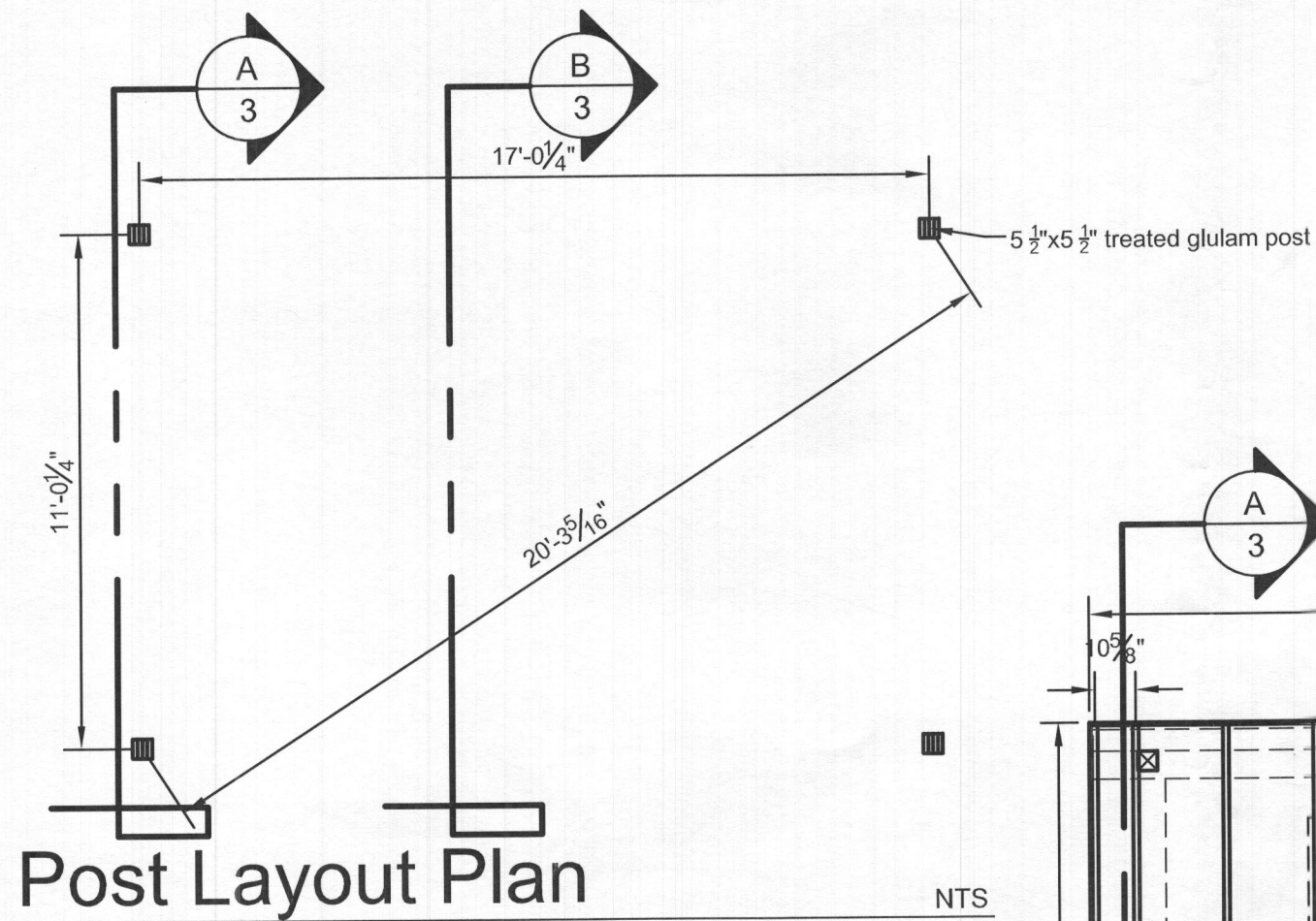
End Elevation

NTS



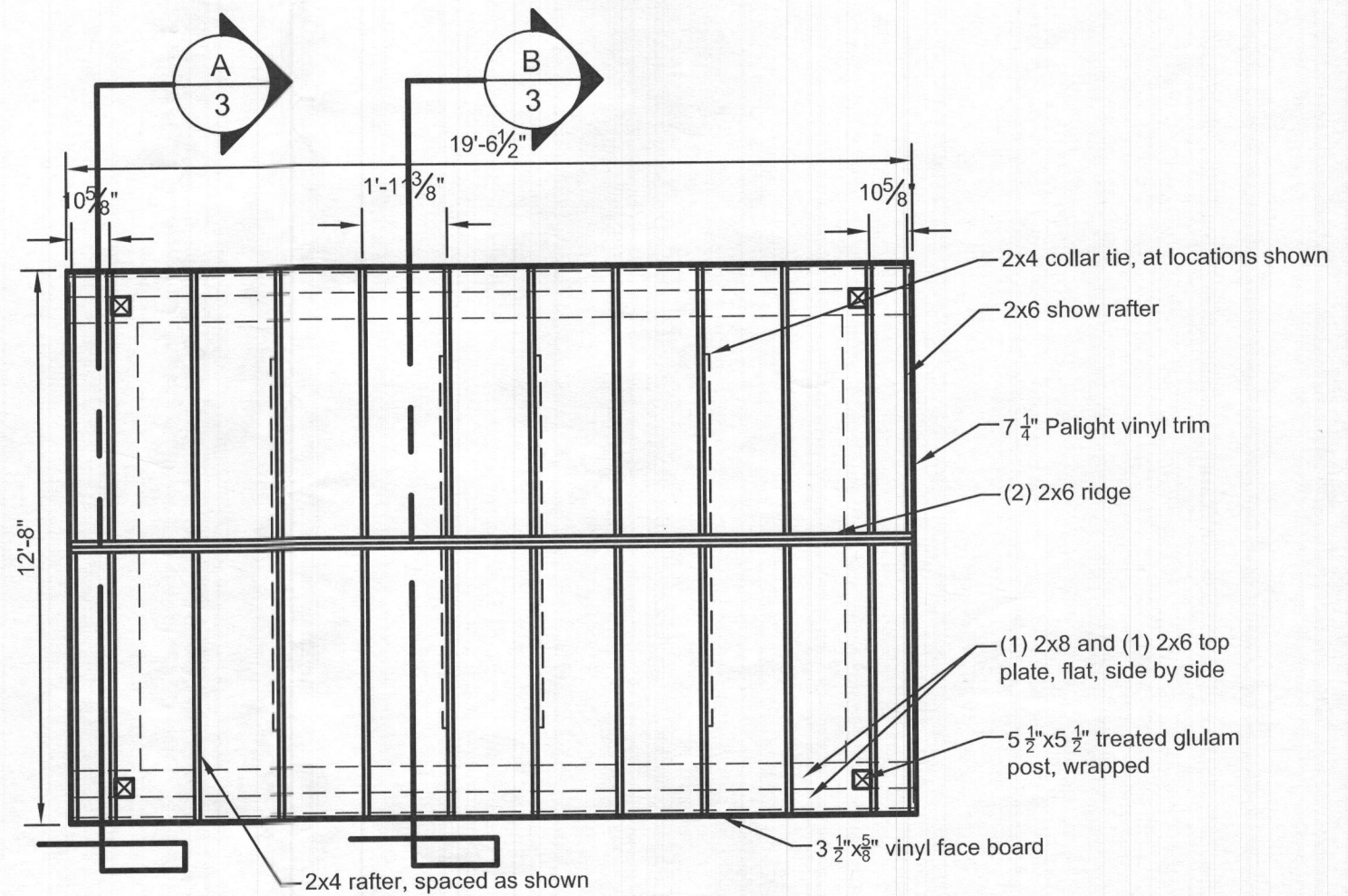
Side Elevation

NTS



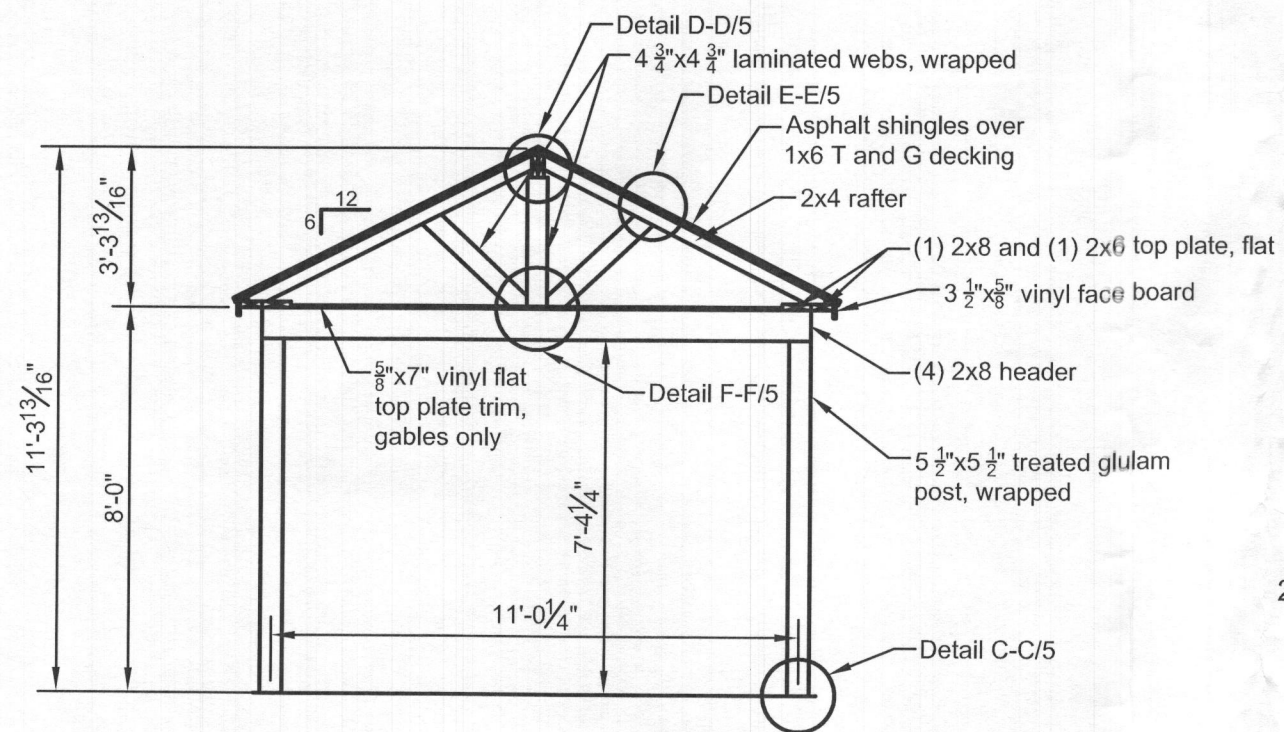
Post Layout Plan

NTS



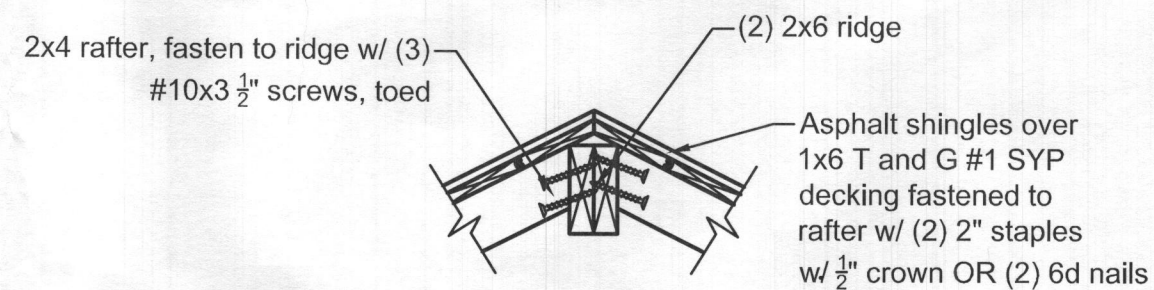
Roof Framing Plan

NTS



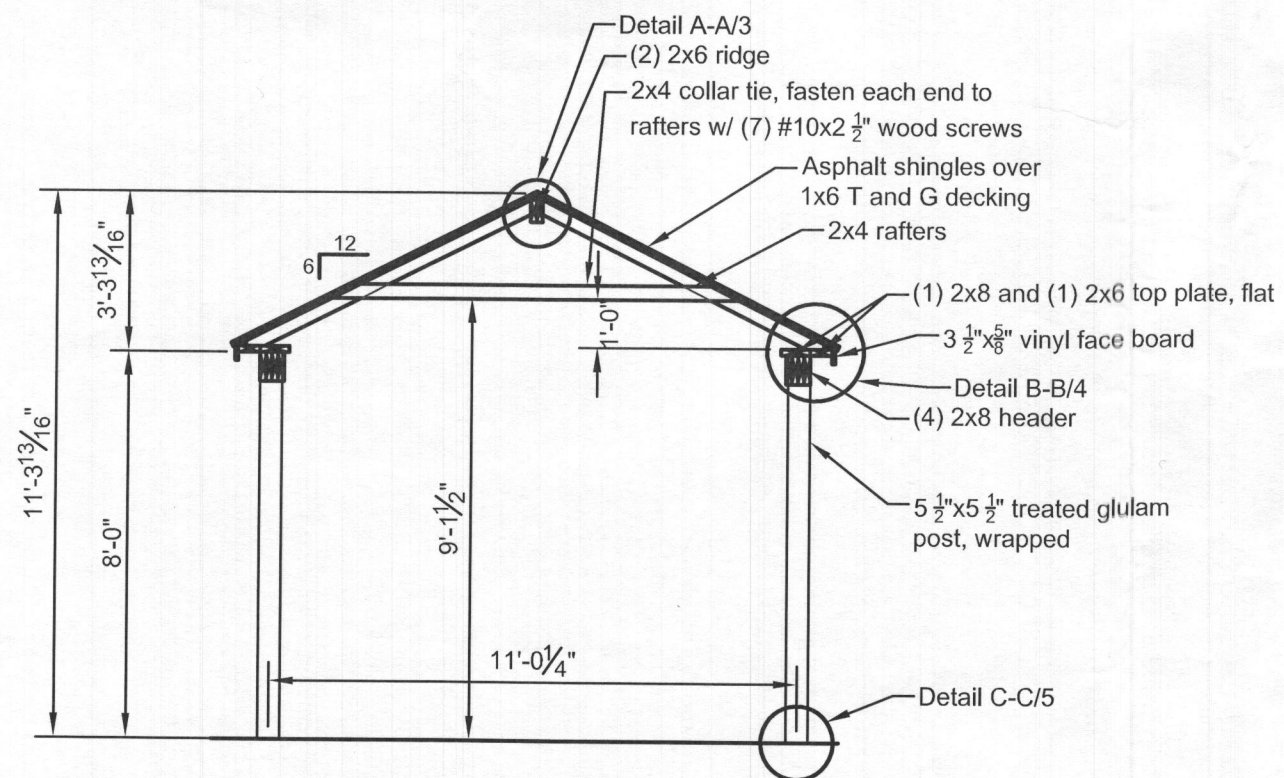
**Cross Section A/3**

NTS



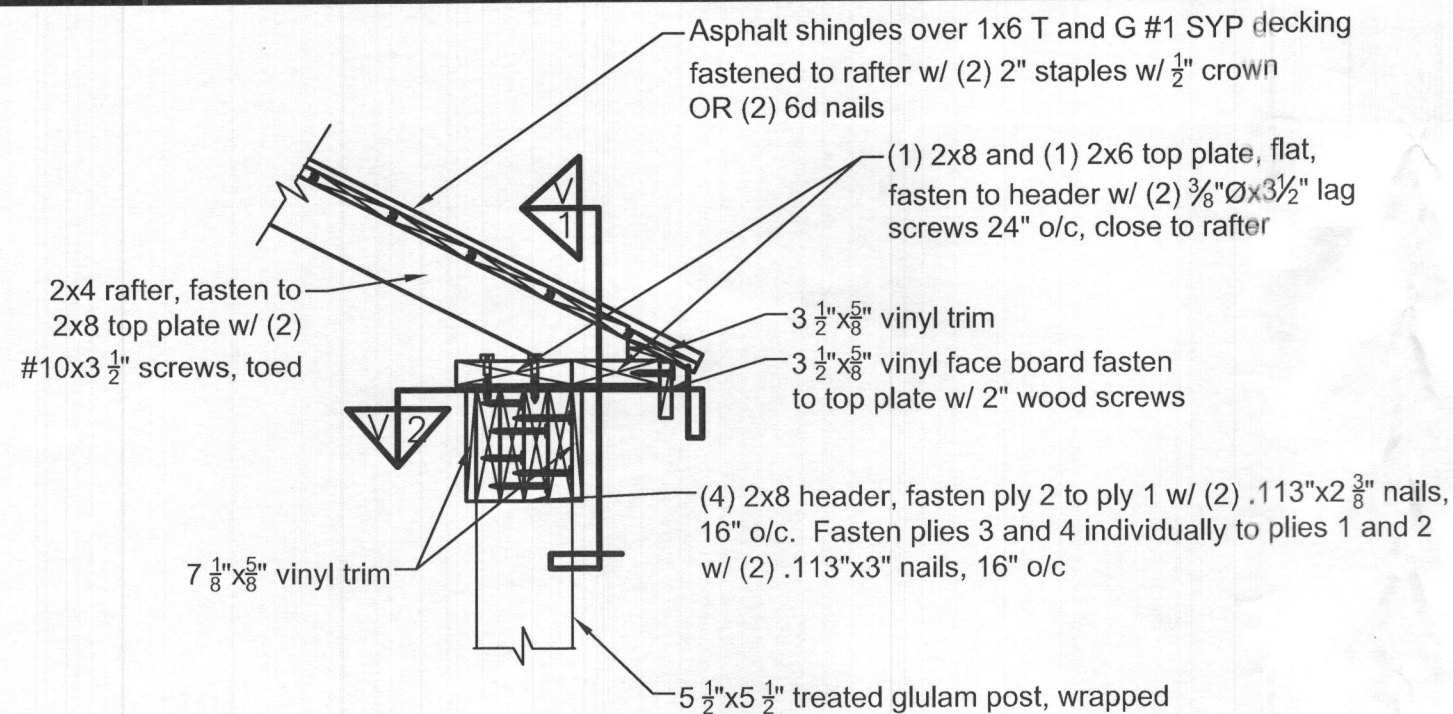
**Detail A-A/3**

NTS



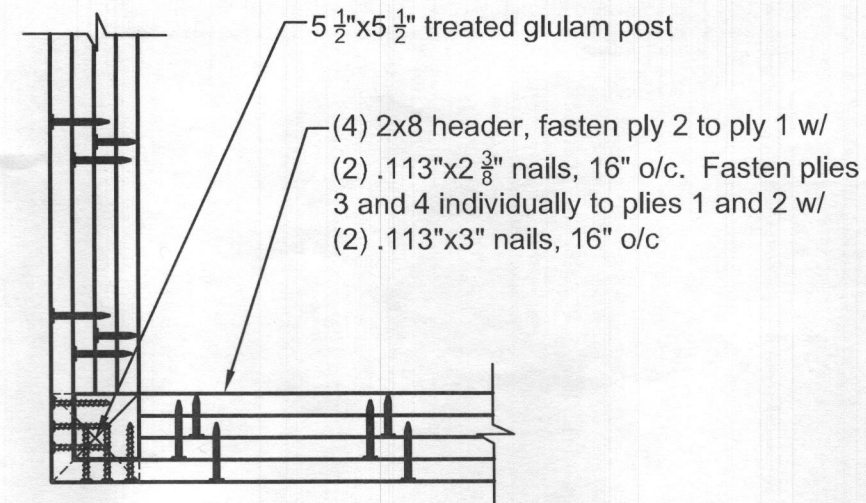
**Cross Section B/3**

NTS



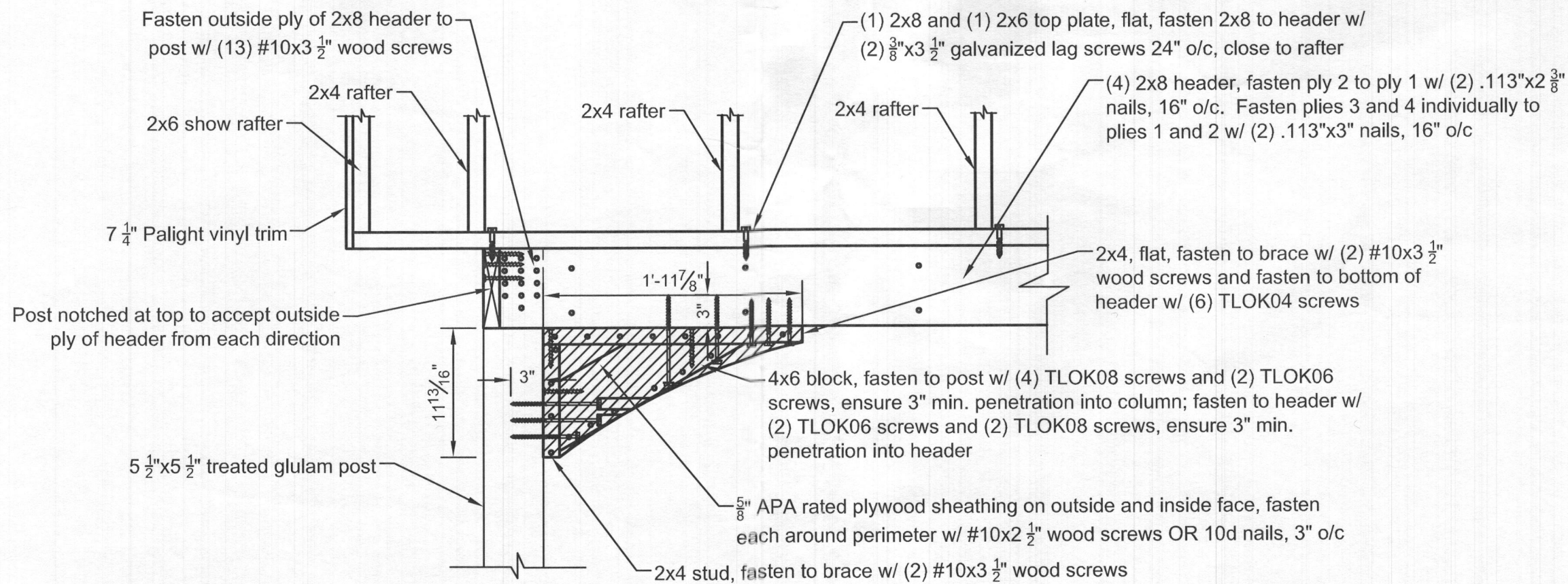
Detail B-B/4

NTS



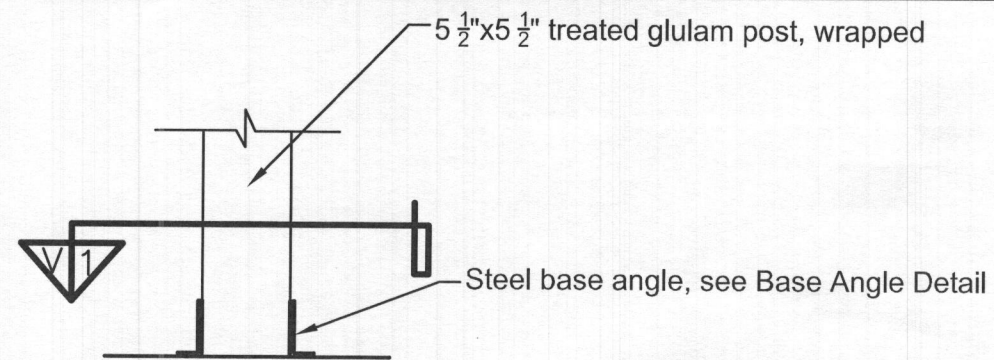
View 2 Detail B-B/4

NTS



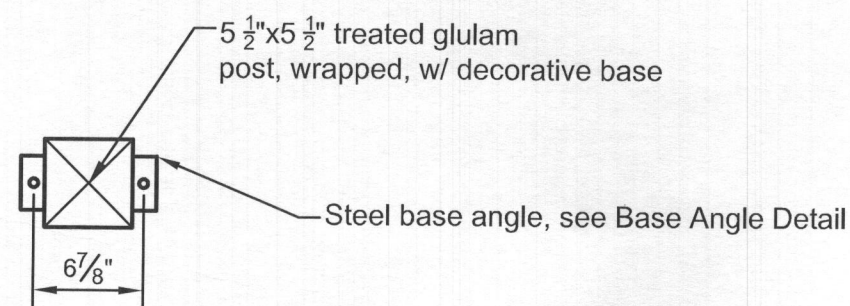
View 1 Detail B-B/4

NTS



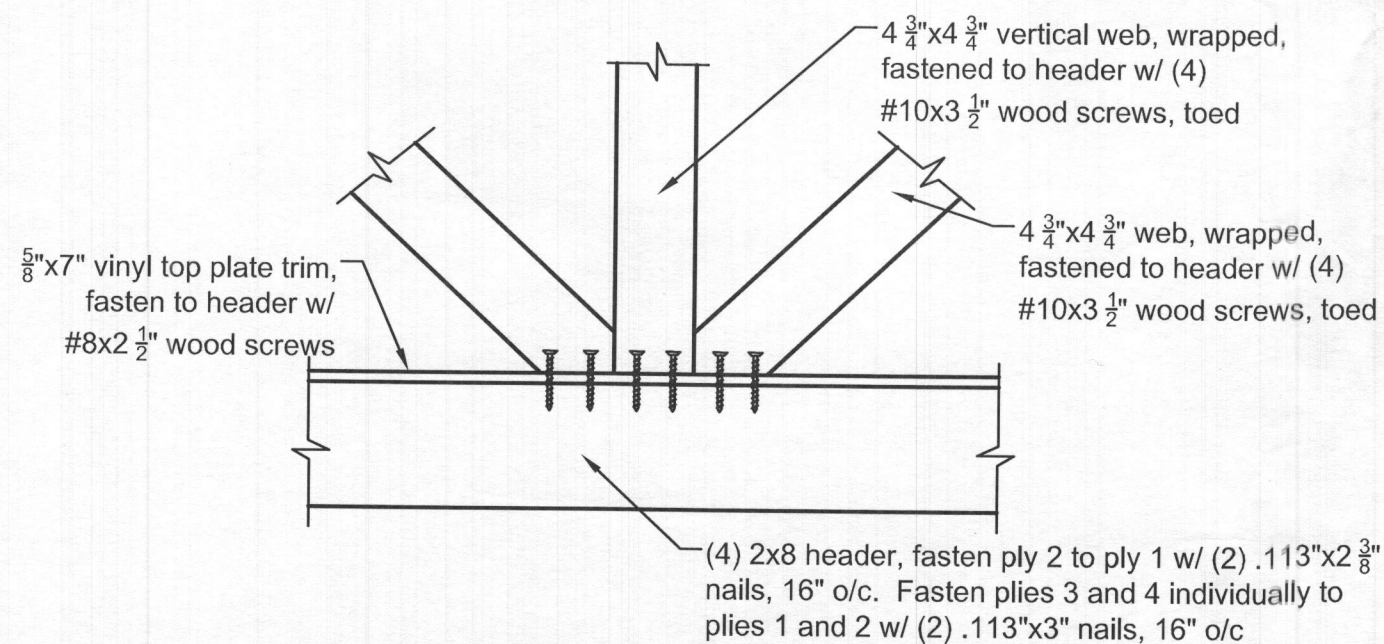
Detail C-C/5

NTS



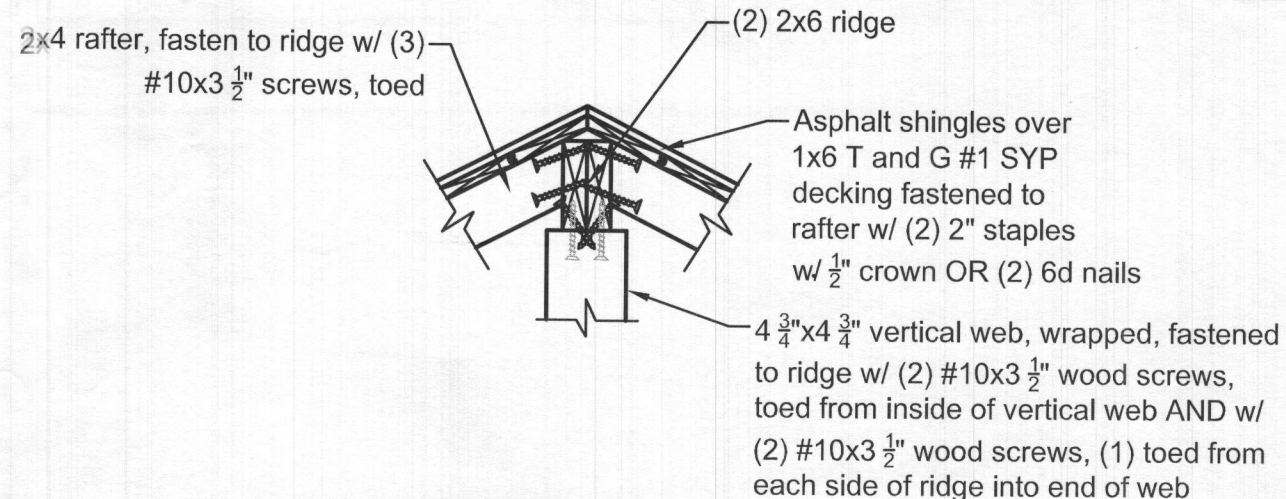
View 1 Detail C-C/5

NTS



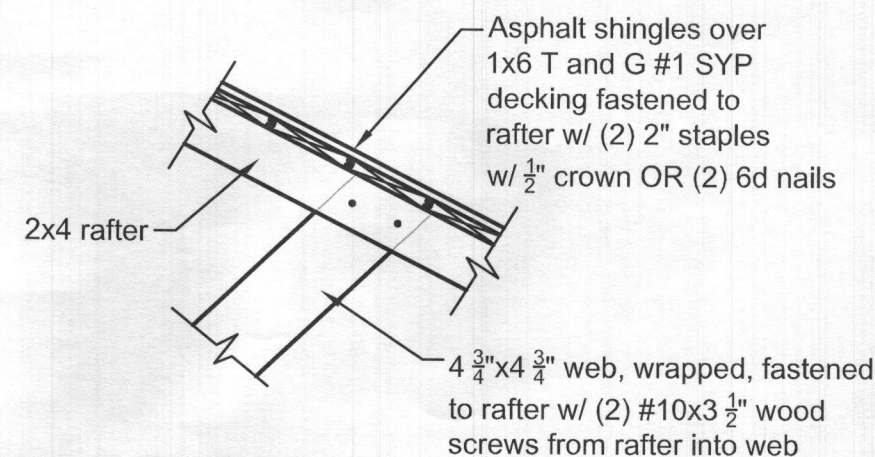
Detail F-F/5

NTS



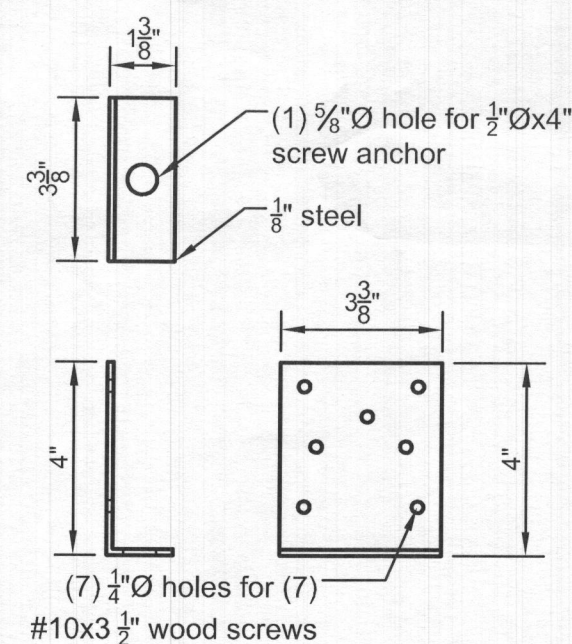
Detail D-D/5

NTS



Detail E-E/5

NTS



Base Angle Detail

NTS