TIMBER TECH MFG. SPECS

PART 1 - GENERAL
1.1 RELATED DOCUMENTS
A. Drawings and general provisions of the Contract, including General and Supplementary Conditions apply to this Section.
1.2 SUMMARY
A. Section Includes:
1. **Plastic/Composite** decking.
2. Decking fastening system.
B. Related Requirements:
1. Section 061000 "Rough Carpentry" for wood framing, furring, blocking, and other carpentry work not exposed to view **and for framing/decking exposed to view**.
2. Section 062013 "Exterior Finish Carpentry" for cellular PVC trim and mouldings.
3. Section 072500 "Weather Barriers" for flexible flashing used with decking.
4. Section 076200 "Sheet Metal Flashing and Trim" for sheet metal flashing used with decking.
1.3 ACTION SUBMITTALS
A. Product Data: For TimberTech decking and decking fastening system components. Include installation instructions.
1.4 INFORMATIONAL SUBMITTALS – per request
1.5 DELIVERY, STORAGE, AND HANDLING
A. Store materials under cover and protected from weather and contact with damp or wet surfaces. Stack materials flat with spacers between each bundle to provide air circulation. Provide for air circulation around stacks and under coverings.
B. Handle and store decking materials to comply with manufacturer's written instructions.
1.6 WARRANTY
A. Special Warranty: Manufacturer agrees to repair or replace components of decking system that fail in materials or workmanship within specified warranty period.
1. Failures include, but are not limited to, the following:
a. Structural failures, including cracking, splitting, and deforming.
2. Warranty Period: **20** years from date of Substantial Completion.
B. Fade and Stain Warranty: Provide manufacturer's warranty against color fade and permanent staining within warranty period.
1. Fading is defined as loss of color of more than **[4] [5]** Hunter color-difference units as measured in accordance with ASTM D2244.
2. Warranty Period: **25** years from date of Substantial Completion.

PART 2 - PRODUCTS
2.1 DIMENSION LUMBER FRAMING
A. Deck **and Stair** Framing: As specified in Section 061000.
2.2 PLASTIC DECKING

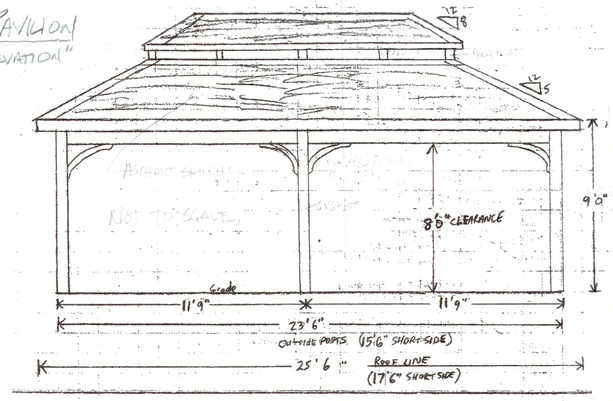
A. Basis-of-Design Product: Subject to compliance with requirements, provide AZEK Building Products; TimberTech Collection

B. All-Plastic Decking: Solid capped four-sided shapes made from HDPE, PVC, polystyrene, or cellular PVC; with no cellulose fiber.
1. Decking Standard: ICC-ES AC174.
2. Decking Size: **1 by 5-1/2 inches**.
3. Decking Length: **10 ft. , 12 ft., 16 ft. actual]**.
4. Configuration: Provide product with **grooved edges designed for fastening with concealed decking fasteners**.
5. Surface Texture: **Brushed** or **Embossed woodgrain**.
6. Color: **As indicated by manufacturer's designations] [Match Architect's Sample] [As selected by Architect from manufacturer's full range] <Insert color>**.
7. Fascia Board: 1/2 by 11-3/4 inches by 12 ft. actual matching decking color. Copyright

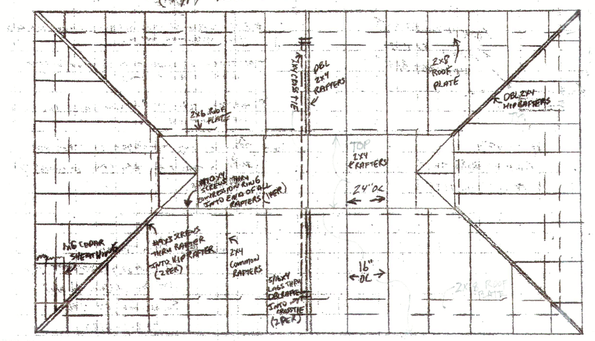
2.4 DECKING FASTENING SYSTEM
A. Basis-of-Design Product: Subject to compliance with requirements, provide AZEK Building Products; **CONCEALoc**
B. Concealed Decking Clips: Black-oxide-coated, stainless steel clips designed to secure decking material and provide uniform spacing of decking material.
C. Fasteners: Stainless steel screws, minimum #7 size, in sufficient length to penetrate not less than 1-1/4 inches into wood framing substrate.

PART 3 - EXECUTION
3.1 EXAMINATION
A. Examine substrates and conditions, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of the Work.
B. Proceed with installation only after unsatisfactory conditions have been corrected.
3.2 PREPARATION
A. Clean substrates of projections and substances detrimental to application.
3.3 INSTALLATION
A. Set work to required levels and lines, with members plumb, true to line, cut, and fitted. Fit work to other construction; scribe and cope as needed for accurate fit.
B. Install decking **and stair treads** in accordance with manufacturer's written instructions.
C. Secure decking to wood framing with **concealed deck clips and screws**.
D. Provide blocking and framing as indicated and as required to support facing materials, fixtures, specialty items, and trim.
END OF SECTION 067300

PAVILION "ELEVATION"



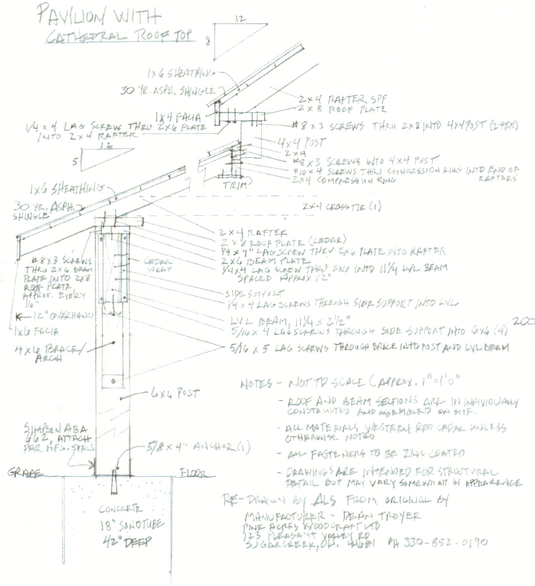
(TYP) ROOF FRAMING DETAIL



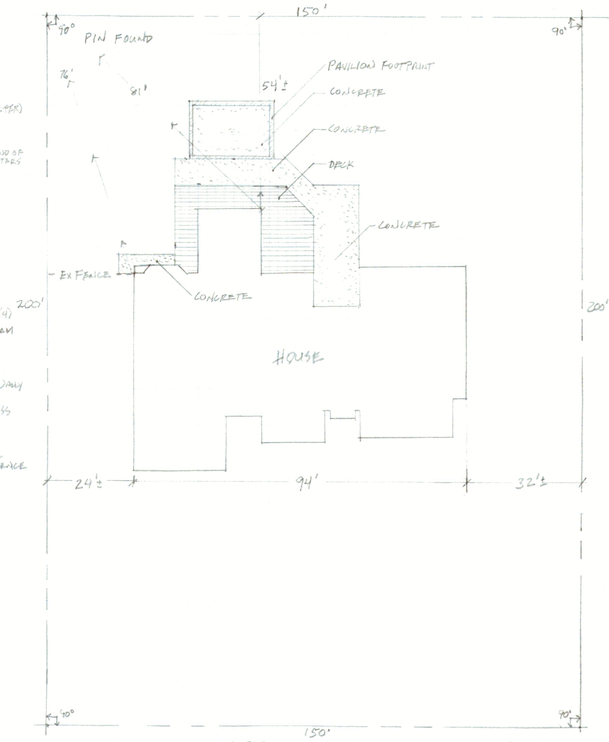
"FRAMING"

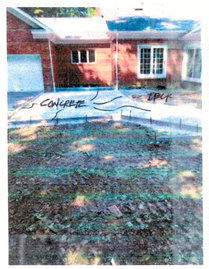
ROOF FRAMING BY DAVID TROYER, PINE ACRES WOODCRAFT LTD

PAVILION WITH CATHEDRAL ROOF TOP

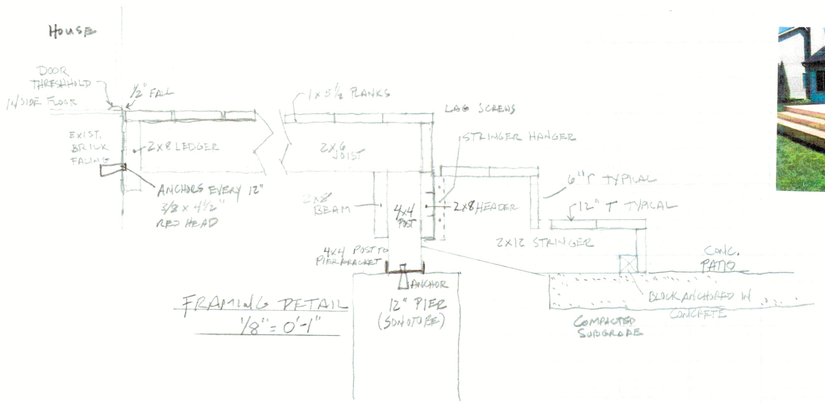


PINE ACRES WOODCRAFT RECENTLY CONSTRUCTED PAVILION IN FAIRLAWN, SUMMIT COUNTY 2150 VAN DAN DRIVE 44333
MATCHES EXCEPT FOR STONE PILLARS

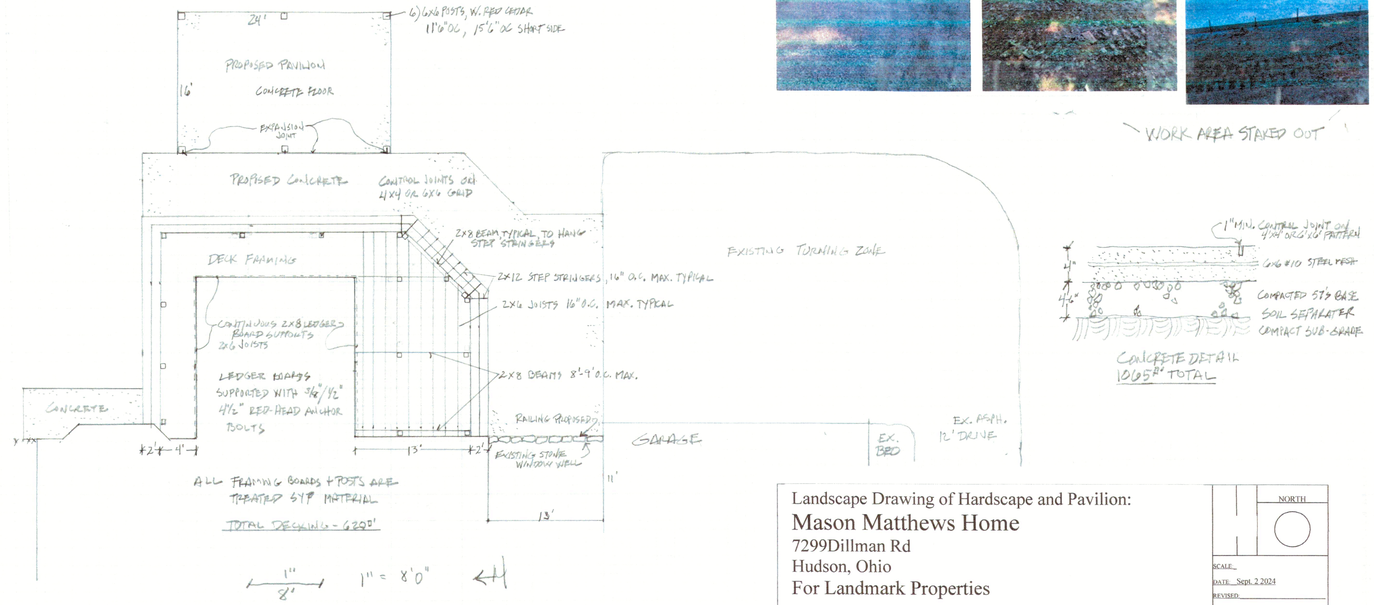




WORK AREA STAKED OUT



DECK IN STAIN



Landscape Drawing of Hardscape and Pavilion:
Mason Matthews Home
7299Dillman Rd
Hudson, Ohio
For Landmark Properties

• ANDREW L. SPARKS AND ASSOCIATES, INC.•
REGISTERED LANDSCAPE ARCHITECT
30303 Euclid Avenue, Wickliffe, Ohio 44092
440-833-0163 - sparksa@ameritech.net – Fax 440-943-9593

NORTH

SCALE
DATE Sept. 2 2024
REVISED
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DRAWN BY ALS
DRAWING NO
24-1468