

**Strength Properties of UNILAM GLB:**  
**Design values are available in ANSI 117-2010.**  
**Typical SYP Combinations**  
**24F-V3 for simple span beams**  
**24F-V5 for continuous span beams**  
**#47/1:8 or #49/1:10 for columns or other**  
**members not loaded primarily in strong**  
**axis bending**

Unilam GLB:

So Yellow Pine Arch Grade 24F-V5 no camber.  
 8 1/2" x 13 3/4" x 48' BEW (Both Ends Wild)

Beam Weight: 30 lb/ft  
 Sheer: 16.8 Kips per foot = 16800 lb/ft

Bend Moment Capacity:  
 53.2 kip/Ft 53200 lb/ft  
 (42,050 at 10' Lally support)

Moment & Shear capacities are based on  
 a normal (10 years) duration of load.

Beam weight is based on density of 35 pcf.

**Handrails - Front entry handrails are present.**  
**Add railings to rear stairwell (3) levels.**

**Separation - 1st floor unit #1 scope of work**  
**includes removal of ACT ceiling, strap & replace with Gyp.**

**Seal penetrations at built-in vanity ceiling.**  
**Gyp @ 1st floor bath ceiling.**

**Unit #2 - Lead Abatement Scope**

**Fire Doors - Units 1, 2, 3 will get new fire doors front & rear.**  
**Includes 1.5 hr fire rated doors, closers, hardware, peeps.**

**Smoke/CO Detectors - All units have hard wired smoke CO**

**Non sprinklered building**  
**New sprinkler head to be installed at boiler vicinity per scope.**

Drawings are authorized for use in determining scope of work for compliance related to City of Portland Permit No. 201501722. Drawings are not authorized for any future work outside of the current scope of work. Drawings are not to scale and do not provide licensed survey by metes and bounds, all measurements are based upon city tax map data and are furthermore considered to be approximate and contractor should verify existing conditions. The preparer of these drawings does not authorize reliance to any entity.

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ATTACHMENTS:  
 Unilam Beam Specifications

OWNER:  
 40WATERVILLE LLC  
 5518 PAINTER GREEN  
 SAN ANTONIO TX 78240

ENVIRONMENTAL:  
 DHHS  
 11 State House Station  
 Augusta, Maine  
 DHHS CASE: 14-003

LEAD CONSULTANT:  
 Community Concepts  
 240 Bates St.  
 Lewiston, ME  
 Andrew Watson

CONTRACTOR w/DEP INFO

ELECTRICIAN:

LENDER/CM:  
 City of Portland  
 Planning & Urban Development  
 Housing & Community Development  
 389 Congress St.  
 Room 312  
 Portland, ME 04101  
 J. R. McGowan, AIC, CPC  
 207.756.8089



Tax Map 017 E014

Property Location: 40 WATERVILLE ST  
 Owner Information: 40WATERVILLE LLC  
 5518 PAINTER GREEN  
 SAN ANTONIO TX 78240

Book and Page: 29903/059  
 Legal Description: 17-E-14

Zoning: R-6  
 Land Use: 2 Family (Current)  
 Proposed: 3 Family

Building Area: 1,536  
 Surface Area: 759  
 Total Area: 2,295  
 Yr Built: 1860

City of Portland  
 Building Permit No. 201501722

**40 WATERVILLE ST.**

CONSULTANTS

REVISIONS

Zoning Review: 9.28.15  
 Planning: Admin Auth. Submission 9.30.15  
 Planning Review 10.1.15  
 Revisions: 10.9.15

PROJECT No. QB1503

REVISIONS 10.9.15

DRAWN BY JRM

SHEET TITLE

Specification