PART 1 - GENERAL

1.1 SUMMARY

A. Provide wood decking and accessories including the following:
   1. Hardwood decking.
   2. Railings and posts.

B. Related Sections: Refer to the following specification sections for coordination:
   1. Section 06 10 00 - Rough Carpentry.
   2. Section 06 20 00 - Finish Carpentry.

1.2 SUBMITTALS

A. Product Data: Submit manufacturer's product data and installation instructions.

B. Samples: Submit representative sample of actual material.

C. LEED Submittals, Certified Wood: Submit chain-of-custody certificates signed by manufacturer certifying that wood products comply with LEED forest certification and chain-of-custody requirements. Include evidence that mill is certified for chain-of-custody by an FSC-accredited certification body. Include statement indicating costs for each certified wood product.

D. Alternate Wood Certification: Submit chain-of-custody certificates signed by manufacturer certifying that high density hardwood lumber materials comply with IBAMA/SEMA or Mataverde chain-of-custody requirements. Include statement indicating costs for each certified high density hardwood decking product.

1.3 QUALITY ASSURANCE

A. Manufacturer: Minimum 5 years experience producing similar products.

B. Certified Wood: Decking certified as FSC Pure according to FSC STD-01-001, "FSC Principles and Criteria for Forest Stewardship."

C. Regulatory Requirements: Comply with requirements of authorities having jurisdiction and applicable codes at the location of the project.

1.4 DELIVERY, STORAGE AND HANDLING

A. Deliver, store and handle materials in accordance with manufacturer’s recommendations. Protect from soiling, damage and construction operations. Allow for proper on site acclimation of wood materials.

1.5 WARRANTY

A. Provide manufacturer’s standard 25 year warranty for hardwood materials against insect damage and decay.
PART 2 - PRODUCTS

2.1 MATERIALS

A. Hardwood Decking: Mataverde Premium Hardwood Decking, as distributed by General Woodcraft, Inc., 531 Broad Street, New London, CT 06320; telephone 860-444-9663; fax 860-444-0517; email sales@mataverdecking.com; web www.mataverdecking.com.

1. Hardwood Decking: Mataverde Premium Ipe Decking.
5. Size: 1 x 4 nominal decking.
6. Size: 1 x 6 nominal decking.
7. Size: 5/4 x 4 nominal decking.
8. Size: 5/4 x 6 nominal decking.
9. Size: Custom size as indicated.
10. Decking Finish: Manufacturer's standard oil finish.
11. Exposed Deck Fasteners: Type 305 stainless steel decking screws, double waxed with Teflon coating.
13. Adhesive: Titebond Adhesive or equivalent acceptable to manufacturer.

C. Railings and Posts:

2. Hardwood Post Sleeves: Match hardwood decking; sized to slip over 4x4 structural posts.
3. Cable Rail:
   a. Stainless steel cable rail, 3/16 inch diameter.
   b. Threaded studs, termination studs and turnbuckles.
4. Composite Railings:
   a. Contour top rail, 3 inch and 2 inch by 3-1/2 inch bottom rail.
   b. Cap rail, 4-1/2 inch top cap rail.
   c. Brackets and fasteners.
5. Vinyl Railings:
   a. Colonial styling.
   b. Brackets and fasteners.
   a. Match hardwood decking.
   b. Metal balusters.
   c. Glass balusters.
7. Decorative Post Caps: Selected from manufacturer’s standard options.
   a. Glass post caps.
   b. Glass solar post caps.
   c. Metal post caps.
   d. Metal ball top post caps.
PART 3 - EXECUTION

3.1 PREPARATION

A. Prior to start of installation, inspect existing conditions to ensure surfaces are suitable for installation of decking and that adequate structural support has been provided. Starting work indicates installers’ acceptance of existing conditions.

B. Follow manufacturer’s recommendations for proper acclimation of wood materials prior to usage.

3.2 INSTALLATION

A. Install in accordance with manufacturer’s instructions including the following:

1. Install materials plumb, true to line, cut and fitted.
2. Scribe and cope as required for accurate fit to adjacent construction.
3. Use manufacturer’s recommended fasteners.
4. Fasten tight to supports. Provide shims if there are variations in framing.

3.3 CLEANING AND PROTECTING

A. Protect from damage during construction operations. Promptly repair any damaged surfaces. Remove and replace work which cannot be satisfactorily repaired.

B. Clean using materials recommended by the manufacturer to remove stains, dirt and debris prior to final acceptance.

END OF SECTION