SECTION 06 16 00
SHEATHING

PART 1 - GENERAL

1.01 SUMMARY

A. This Section includes the following:
   1. Wall sheathing.
   2. Plywood used for roof blocking and edge details.

B. Related Sections:
   1. Section 06 10 53 Miscellaneous Rough Carpentry for blocking, plywood backing panels, plywood within interior partitions.

1.02 SUBMITTALS

A. Product Data: For each type of process and factory-fabricated product. Indicate component materials and dimensions and include construction and application details.

1.03 DELIVERY, STORAGE, AND HANDLING

A. Stack plywood and other panels flat with spacers between each bundle to provide air circulation. Provide for air circulation around stacks and under coverings.

PART 2 - PRODUCTS

2.01 WOOD PANEL PRODUCTS, GENERAL

A. Plywood: Either DOC PS 1 or DOC PS 2, unless otherwise indicated.
   1. Span Rating: Not less than 16/0.
   2. Nominal Thickness: Not less than 1/2 inch.

2.02 WALL SHEATHING

A. Plywood Wall Sheathing: Exterior sheathing.

2.03 FASTENERS

A. General: Provide fasteners of size and type indicated.

B. Provide fasteners with corrosion-protective coating having a salt-spray resistance of more than 800 hours according to ASTM B 117.

PART 3 - EXECUTION

3.01 INSTALLATION, GENERAL

A. Securely attach to substrate by fastening as indicated, complying with the following:
   1. NES NER-272 for power-driven fasteners.
   2. Table 2304.9.1, "Fastening Schedule," in ICC's "International Building Code."

B. Coordinate sheathing installation with flashing and joint-sealant installation so these materials are installed in sequence and manner that exclude exterior moisture.

C. Do not bridge building expansion joints; cut and space edges of panels to match spacing of structural support elements.

3.02 WOOD STRUCTURAL PANEL INSTALLATION

A. General: Comply with applicable recommendations in APA Form No. E30K, "APA Design/Construction Guide: Residential & Commercial."

B. Fastening Methods: Screw to cold-formed metal framing.

END OF SECTION 06 16 00