

PART 1 - GENERAL

	<p>1.01 General Requirements</p> <ul style="list-style-type: none"> A. General Conditions, Supplementary Conditions and General Requirements (Div. 01) apply to this work.
<p>1.02: Includes all work the masonry contractor is to accomplish.</p>	<p>1.02 Work Included</p> <ul style="list-style-type: none"> A. Brick veneer, including mortar and expansion joints. B. Attachment of anchorage to supports provided by others. C. Placement of veneer anchorages.
	<p>1.03 Related Work</p> <ul style="list-style-type: none"> A. Reinforcing Steel: Section 04_____ B. Metal Accessories: Section 04_____ C. Mortar: Section 04_____ D. Caulking, Sealants and Waterproofing: Section 07_____
<p>1.04 B: Specify the number and type of veneer units required for approval.</p> <p>1.04 B: If a Sample Panel is required, specify the size, wall components and special requirements (i.e. cleaning methods) to be included.</p>	<p>1.04 Quality Assurance</p> <ul style="list-style-type: none"> A. Certified member in good standing with the Washington State Conference of Mason Contractors (WSCMC) or accepted by architect prior to bid date. Other installers who meet or exceed quality assurance and qualifications of WSCMC may submit bid upon acceptance by Architect. B. Submittals <ul style="list-style-type: none"> a. Samples: Submit _____ veneer units of each type, including special shapes required to show range of colors, textures, finishes and dimensions. b. Product Data: Submit manufacturer's data sheets for anchors, veneer, mortar, color pigments, and tie wire. c. Certifications: Furnish manufacturer's certification that the veneer units provided meet or exceed the requirements of this Specification. C. Sample Panel <ul style="list-style-type: none"> a. Construct a sample panel not less than 4 feet by 4 feet based upon approved samples for Architect/Engineer's review and approval. b. Provide a sample panel for each combination of veneer patterns, bond pattern, and mortar color. c. Show color range, texture range, mortar color, joint tooling, bond pattern, cleaning, quality of workmanship and other aspects of the work relating to this Section. d. Sample panels shall remain on the project site to serve as a datum for comparison with the remainder of the work of this Section for the purpose of acceptance or rejection. e. If the sample panel is not included in the actual masonry work, it shall be demolished after the masonry work for the project has been accepted.
	<p>1.05 Product Delivery, Handling and Storage</p>

	<ul style="list-style-type: none"> A. Cover and protect materials from inclement weather to maintain quality control and physical requirements. B. Store materials off ground to prevent damage. C. Handle veneer units in such a manner as to prevent chipping, breaking and cracking. D. Remove and replace all damaged material without cost to Owner.
	<p>1.06 Job and Environmental Conditions</p> <ul style="list-style-type: none"> A. Do not perform masonry work when temperature falls below 40 degrees F without approval of Architect. B. When required, a change order will be issued for cold weather construction in accordance with TMS 602/ACI 530.1/ASCE 6, Section 1.8C

PART 2 – PRODUCTS

2.01 A: <i>Specify the size, color, texture, type, grade and manufacture of veneer materials.</i>	<p>2.01 Veneer Units</p> <ul style="list-style-type: none"> A. The anchored veneer units shall be: <ul style="list-style-type: none"> a. {brick type} b. {color} c. {texture} d. Grade SW as produced by e. {manufacturer} B. Reference Specification: ASTM C 216-10 C. Dimensions: {width} in. wide by {height} in. high by {length} in. long. D. Provide all units with straight cut edges and square corners unless otherwise shown or specified.
2.02: <i>Specify the Type of mortar as defined by ASTM C 270-12.</i>	<p>2.02 Mortar</p> <ul style="list-style-type: none"> A. Mortar shall be Type ____ to comply with the requirements of ASTM C 270-12: Standard Specification for Mortar for Unit Masonry.
2.03: <i>Grouted veneer not recommended in Pacific NW due to efflorescence.</i>	<p>2.03 Grout</p> <ul style="list-style-type: none"> A. Grout, if used between the veneer units and the backing, shall be of pourable consistency. B. Grout shall be fine grout. <ul style="list-style-type: none"> a. Fine grout shall be 1 part Portland cement and 3 parts sand.
	<p>2.04 Veneer Ties</p> <ul style="list-style-type: none"> A. Veneer ties shall be: <ul style="list-style-type: none"> a. {type} b. {finish} c. {spacing}, unless otherwise indicated on drawings. d. {gauge}
	<p>2.05 Cleaning Products</p> <ul style="list-style-type: none"> A. {method} B. {product}
	<p>2.06 Flashing</p> <ul style="list-style-type: none"> A. Flashing shall be _____ and shall be installed

	at all points interruptions in the cavity and at the base of the wall.
	<p>2.07 Cavity Drainage Material</p> <p>A. Cavity drainage material shall be _____ and shall be installed at the base of the wall cavity and at all supports and other blockages in the cavity that require weep holes and flashing.</p>
	<p>2.08 Weep Hole</p> <p>A. Use the following product in the weep holes _____ . Weep holes should be space at 24" O.C. at the base of wall and all supports.</p>
	<p>2.09 Assembly Description</p> <p>A. {describe all wall assembly materials}</p>

PART 3: EXECUTION

	<p>3.01 Inspection and Preparation</p> <p>A. Examine the areas and conditions under which work of the Section will be performed. Correct conditions that are detrimental to timely and proper completion of the work. Do not proceed until unsatisfactory conditions are corrected.</p>
<p><i>3.02 C: Concave tooled joints provide the best weather resistance and strength and are therefore used widely. Specify another joint type if desired.</i></p> <p><i>3.02 D: Specifier may include tolerance requirements for masonry work.</i></p> <p><i>3.02 F: The Designer should detail the type of anchorage used in the veneer. These should clearly show the number, type and method of attachment.</i></p> <p><i>Adjustable anchors and anchors exposed to a corrosive atmosphere should be galvanized.</i></p> <p><i>3.02 G, H: Refer to TMS 602/ACI 530.1/ASCE 6 for</i></p>	<p>3.02 Installation</p> <p>A. Veneer shall be laid in pattern as shown on Drawing number _____.</p> <p>B. Veneer shall be clean and free of dust and shall be laid with not less than one inch of air space between veneer and the backing wall.</p> <p>C. All joints shall be filled solidly with mortar. Provide tooled concave mortar joints unless otherwise specified or noted on the Drawings. Tooling shall be done when the mortar is partially set but still sufficiently plastic to bond.</p> <p>D. Lay units plumb, level and true to lines appropriate to veneer system.</p> <p>E. Veneer ties shall have at least 5/8 inch of mortar coverage from exterior surface to prevent corrosion.</p> <p>F. Anchors shall be installed to provide not less than the support shown on the details and in such a manner as to eliminate looseness or lack of fit of dovetails in slots, improper bends or kinks in wire, etc...</p> <p>G. Joint dimension shall not be less than ¼ inch nor more than ½ inch and shall meet control heights indicated on Drawings throughout the building.</p> <p>H. Lay masonry units plumb, true to line, and with accurately spaced level courses. Vertical joints shall fall on centerline of unit below.</p> <p>I. Install cavity drainage material at all interruptions in the wall cavity including shelf angles and base of the wall.</p>

<i>code-required site tolerances for masonry wall construction.</i>	
<i>3.03: Proper location and detailing of expansion joints should be include on Drawings to ensure allowance for movement or shrinkage due to moisture and temperature changes.</i>	<p>3.03 Control Joints</p> <p>A. Provide expansion joints in brick veneer at same locations they occur in substrate construction or as shown on the Drawings.</p> <p>B. Provide elastomeric joint filling. Caulking is specified in Section 07____.</p>
<i>3.04 B: Specifier should specify the preferred method of cleaning the veneer surface.</i>	<p>3.04 Cleaning</p> <p>A. Mortar stains shall be removed with clear water as work progresses. Upon completion, all exposed surfaces shall be cleaned with cleaning agents and water, removing all stains with fiber brushes and then washing with clean water.</p> <p>B. In the event ordinary cleaning is not adequate, the Contractor shall use special cleaning methods such as sandblasting, acid washing, chipping, etc..., as approved by the Architect.</p> <p>C. At the conclusion of masonry work, the Contractor shall remove all scaffolding and equipment used in the work along with all debris, refuse and surplus masonry materials from the premises.</p>
<i>3.05: Sealing may be specified here or in a separate section. Delete if veneer does not require sealing.</i>	<p>3.05 Sealing</p> <p>A. Upon completion of the cleaning, operation, and approval by the Architect, apply {type of water repellent coating} as manufactured by {manufacturer} in strict accordance with Section 07____ and the manufacturer's installation instructions.</p>

END OF SECTION