



ARCHITECTURAL UNIT SPECIFICATIONS

PART 1- General

SUBMITTAL

- A. Submit samples in form showing the full range of colors and textures available for each Exposed masonry unit required.
- B. Submit a full size sample of approved product.
- C. Submit certifications of compliance with material test reports.

QUALITY ASSURANCE

- A. Single Source Responsibility: Obtain exposed units of texture and color from one manufacturer.
- B. Mock-up Panels: Prior to installing masonry units in the project, construct a sample wall panel 6'x6' to verify masonry selections and workmanship expected for the finished building.

DELIVERY, STORAGE AND HANDLING

- A. Specified Architectural Masonry units shall be delivered on wooden pallets protected from damage and covered with 4- mil plastic (shrink wrap).
- B. The purchasing contractor shall be responsible for keeping stored units covered each day.
- C. Units shall be handled to avoid breakage and chipping. Any chips outside of the requirements of ASTM shall not be placed in the finished wall. Units placed in the wall will be the responsibility of the purchasing contractor and not that of the manufacturer.

PROJECT CONDITIONS

- A. Cover walls with waterproof sheeting at the end of each work day.
- B. Protect the base of all walls from rain mud and mortar splashes with straw or sand.

PART 2 – PRODUCTS

ARCHITECTURAL PRESTIGE COLORED MASONRY UNITS (select type)

- A. All exposed colored units shall be regular weight material meeting the latest revisions of ASTM-C 90. All **Polished** units shall be ground and polished with a minimum of 9 head machine. **NO CEMENT TYPE FILLERS ON THE BLOCK FACE** shall be accepted. No surface applied sealers to achieve the clear finish shall be accepted. **Split Face** units shall be manufactured with a controlled splitting chamfered edge on each side of the block to insure a controlled straight break. **Shot Blast** units shall be manufactured to expose the aggregates on the face of the unit by a process that rounds the edges of the exposed stone. Sand Blast Sand material shall not be used for this process. As a quality guideline, all units shall comply to the standards of Prestige Stone materials as manufactured by Johnson Concrete.

- B.** All Architectural masonry units shall be manufactured to ASTM –C90, latest revision standards except for the following: **“GREEN” RECYCLED** content for Architectural colored units shall be manufactured with a mix of 20% recycled masonry aggregate materials and 10% recycled poly fill SealTech with USGBC third party certification. Submit a letter of being in compliance with this specification and identify the materials being used with a third party compliance letter for SealTech.(waste construction materials of concrete and brick **shall not** be part of this specification) All units shall be free of organic impurities that will cause rusting, staining or pop outs and shall contain NO combustible matter. The use of coal cinder aggregate/bottom ash, or similar waste products **WILL NOT** be allowed.
- C.** Manufacture: Johnson Concrete Company-800-642-2254
Substitutions shall be submitted by a qualified General Contractor bidding the project and approved by the Architect 15- days before bid date.
- D.** SIZE AND SHAPES: (Select Types) PRESTIGE POLISHED- SHOT BLAST- SPLIT FACE units shall be as indicated on drawings. Unit sizes to be clarified with the Architect before manufacturing.

Refer to the drawings for any other conditions that may require other sizes.

- E.** COST ALLOWANCE: 4X8X16 Polished—unit price - \$
8X8X16 Polished—unit price - \$
4X8X16 Shot Blast – unit price - \$
8X8X16 Shot Blast - unit price - \$
4X8X16 Split Face – unit price - \$
8X8X18 Split Face – unit price - \$
(Select types of units required)
Prices shall include fob job site and all specials.
- D.** INTEGRAL WATER REPELLENT: All exterior exposed units shall contain the recommended amount of integral water repellent DRY-BLOC **system** as manufactured by W.R.Grace or RAIN BLOC as manufactured by ACM Chemistries.