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## PAVING STONE INSTALLATION INSTRUCTIONS

### PART 1 – GENERAL

#### **Work Included:**

All labor and material for the furnishing and laying of exterior stone paving.

#### **Related work:**

Contractor shall include building into the paving, equipment and materials furnished through other divisions such as site drains, tree grates, curbing, and other miscellaneous items shall also be required to do the cutting and patching of paving where necessary to accommodate work of other trades, all as hereinafter specified, shown on plans, or reasonably implied in either, providing a complete job.

#### **System Description:**

Paving for walkways, driveways and patios to be comprised of natural quarried stone.

#### **Samples:**

Provide samples of adequate size and quantity to represent the full range of color, texture, and other naturally occurring characteristics for approval.

#### **Delivery, Storage and Handling:**

1. Stone shall be delivered on pallets.
2. General contractor shall provide a dry, stable roadway for removing pallets from truck.
3. Pallets shall be placed on level ground and shall not be stacked.
4. Contractor shall provide tarpaulin covering during inclement weather.

#### **Site Conditions:**

Stone pavers or flagstone shall be installed on a stable base as specified from the plans. Stone pavers or flagstone shall not be installed on frozen or mucky soil base.

### PART 2 – PRODUCTS

#### **Acceptable Manufacturers:**

Buechel Stone Corp  
W3639 Hwy H  
Chilton, WI 53014-9643  
PH# 800.236.4473  
FAX# 920.849.8229

Buechel Stone Corp.  
N4399 Hwy 175 S.  
Fond du Lac, WI 54937-9266  
PH# 920.922.4790  
FAX# 920.922.5298

**Materials:**

1. Paving shall be (insert stone type, i.e. Chilton Flagstone, Fond du Lac Colonial Pavers, etc.).
2. Base material to be minimum ¾" to minus angular gravel
3. Bedding sand to be sharp torpedo sand or a ¾" to minus screened angular gravel.

**PART 3 – EXECUTION****Inspection:**

Verify that rough grading is per plan and that stone will not be set on any uncompacted fill. Before setting final elevations, verify that walk and surrounding areas have adequate slopes and swales to provide drainage and proper runoff of surface water. If walk is to be laid on soil base, remove any loose soil and debris. If walk is to be laid on concrete slab base, clean surface of debris.

**Installation/Application/Erection:**

1. Preparing the Base:
  - a. Sub-base shall be virgin or naturally compacted soil.
  - b. Provide minimum 6" deep compacted gravel base to be installed in 2" lifts.
  - c. In lieu of soil base a concrete slab may be used.
  - d. Over base provide a minimum of ¾" and maximum of 1" sand bedding, screed sprinkle, and level until proper grade is reached.
  - e. Stone area shall have soldier course, concrete curb, or stable soil perimeter restraint.
2. Laying the Stone:
  - a. Uniformly distribute color range of stone over total area of work.
  - b. Position pavers tight to one another by lowering pavers and sweep sand into joints until completely full.
  - c. Set paving/flagstone by tapping with rubber mallet.
  - d. Care shall be taken to keep stones level and correctly pitched to grade.
3. Joints:
  - a. Spread fine dry sand over surface of pavers and sweep into joints until completely full. A grit stabilizer may be recommended in conjunction with fine dry sand.
  - b. Wet surface of paving with fine spray.
4. Compaction:

Stone pavers may be compacted with mechanical compactor.

**Cleaning:**

Sweep surface of pavers to remove loose sand and chips.

**Protection:**

Contractor shall protect surrounding areas and surfaces during construction. Contractor shall limit his area of activity to the construction limits shown on the plans.