



I STANDARD ASSEMBLY - MICROPOROUS PAVERS
 SCALE: 1 1/2" = 1'-0"

BASE INSTALLATION:

1. Install clean 2" Stone for sub-base (ASTM #2) at a minimum depth of 6" to facilitate infiltration amount as determined by plans.
2. Over Sub-Base, install base aggregate (ASTM #57), use a minimum of 3" thick layer of #57 (1/2" - 1 1/2") clean crushed aggregate free of fines. Compact #57 aggregate in 2" lifts.
3. Spread a bedding layer of 2" of non-compacted ASTM #8 (No. 16 to 1/2"), (no dust or undersized particles) over the base layer. Do not use bedding mix to fill depressions in base surface. Do not compact unless within a 4' distance from a transition to or from a ridged vehicular surface to flexible paver surface or if the entire area is a vehicular installation. Then light compaction of bedding layer is optional or can be done at paver bedding step.
4. No joint sand or joint aggregate is required and polymeric sand is NOT to be used with Microporous installations.
5. Sand is not an acceptable base or bedding layer for Microporous Pavers.

PAVER INSTALLATION:

1. Install Microporous Pavers starting from the lowest point of slope and working toward highest.
2. Ensure that pavers are free of foreign materials before installation
3. Lay pavers from permanent edge restraint in the pattern as shown in the drawings. Use string lines to keep paving joints straight.
4. Use masonry saw fitted with a continuous rim diamond blade and continuous water feed to cut pavers.
5. Lay pavers on prepared surface fitting tightly adjacent to each paver by using the "click and drop method"
6. Set pavers hand tight, but do not use hammer to adjust pavers. Secure and level pavers using appropriate plate vibrator (cover plate with rubber mat or place a thin (min 3/8") sheet of plywood on surface to avoid damage to pavers). Trafficable areas should receive enough passes to adequately bed pavers.



MICROPOROUS UNIT PAVER SYSTEM

STANDARD ASSEMBLY ASSEMBLY

ISSUED DATE

06/15/17

DETAIL NUMBER

5530 - I