

SOLID CONCRETE INTERLOCKING
PAVING STONE SPECIFICATIONS
(SHEET 2 OF 2)

III. CONSTRUCTION METHODS:

3.1 PREPARATION OF THE BASE COURSE:

1. A SUITABLE BASE SHALL BE PREPARED AS SPECIFIED IN SECTION B.2. OF THIS SPECIFICATION.
2. THE BASE COURSE SHALL BE SHAPED TO GRADE AND CROSS SECTION WITH ALLOWABLE TOLERANCE OF 1/4".

3.2 CONSTRUCTION OF THE BEDDING COURSE:

1. THE FINISHED BEDDING COURSE SHALL BE APPROVED BEFORE THE PLACEMENT OF THE BEDDING COURSE.
2. THE SAND BEDDING COURSE SHALL BE SPREAD EVENLY OVER THE AREA TO RECEIVE THE PAVING STONES AND THE SCREEDED LEVEL TO PRODUCE A 1" THICKNESS WHEN THE PAVING STONES HAVE BEEN PLACED AND VIBRATED.
3. THE FINAL ELEVATION OF PAVING STONES SHOULD BE NOMINALLY 1/4" TO 3/8" HIGHER THAN THE ADJACENT CURB, GUTTER, ETC., TO ALLOW FOR FREE DRAINAGE FROM CHAMFERS ON PAVING STONE EDGES.
4. THE BEDDING COURSE SHALL NOT BE DISTURBED, ONCE SCREEDED AND LEVELED TO THE DESIRED ELEVATION.

3.3 INSTALLATION OF THE PAVING STONES.

1. THE PAVING STONES SHALL BE PLACED AS SHOWN ON THE DRAWINGS.
2. THE PAVING STONES SHALL BE PLACED IN SUCH A MANNER THAT THE DESIRED PATTERN IS MAINTAINED AND THAT NO INTENTIONAL SPACE IS LEFT BETWEEN THE STONES FOR MAXIMUM INTERLOCK.
3. STRING LINES SHOULD BE USED TO HOLD ALL PATTERNS TRUE.
4. THE GAPS AT THE EDGE STONE OR WITH STONES CUT TO FIT. CUTTING OF CONCRETE PAVING STONE SHALL BE ACCOMPLISHED TO LEAVE A CLEAN EDGE TO THE TRAFFIC SURFACE USING A DOUBLE-HEADED BREAKER OR A MASONRY SAW. WHENEVER POSSIBLE, NO CUT SHOULD RESULT WITH A PAVING STONE LESS THAN 1/3 OF ORIGINAL DIMENSION.
5. PAVING STONES SHALL BE VIBRATED INTO THE BEDDING COURSE USING A PLATE VIBRATOR CAPABLE OF 3000 TO 5000 POUNDS COMPACTION FORCE WITH THE SURFACE CLEAN AND THE JOINTS OPEN.
6. AFTER VIBRATION, CLEAN, SHARP SAND CONTAINING AT LEAST 30% OF 1/8" PARTICLES SHALL BE SPREAD OVER THE PAVING STONE SURFACE, ALLOWED TO DRY AND VIBRATED INTO THE JOINTS WITH ADDITIONAL PLATE VIBRATOR PASSES AND BRUSHING SO AS TO COMPLETELY FILL THE JOINTS.
7. SURPLUS MATERIAL SHALL THEN BE SWEEPED FROM THE SURFACE OR LEFT ON THE SURFACE DURING CONSTRUCTION TO INSURE COMPLETE FILLING OF JOINTS DURING INITIAL USE.
8. UPON COMPLETION OF WORK COVERED IN THIS SECTION, THE CONTRACTOR SHALL CLEAN UP ALL WORK AREAS BY REMOVING ALL DEBRIS, SURPLUS MATERIAL AND EQUIPMENT FROM THE SITE.



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REVISION
10/09

DESIGN DETAIL

PAVER BLOCK DETAILS
AND SPECIFICATIONS

EFFECTIVE DATE:

DETAIL NO. 121

APPROVED:

H.P. TOMKINS, JR., P.E.
COUNTY ENGINEER