

FIGURE 1

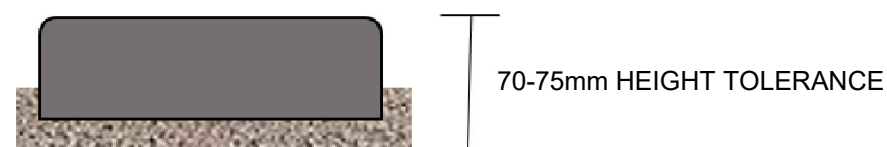




FIGURE 2

NOTES ON BLOCK PAVING INSTALLATION GUIDELINES:

- EDGE RESTRAINTS:** EDGE RESTRAINTS (CAST IN-SITU CONCRETE EDGE AND INTERMEDIATE BEAMS) SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF BLOCK LAYING TO PREVENT LATERAL MOVEMENT AND MAINTAIN ALIGNMENT OF THE PAVING BLOCKS.
- BEDDING SAND:** USE WELL-DRAINING, CLEAN RIVER SAND FOR THE BEDDING LAYER. THE SAND SHALL COMPLY WITH THE GRADING REQUIREMENTS SPECIFIED IN TABLE A6.2.5-1 OF THE COTO STANDARD SPECIFICATIONS. PLACE THE BEDDING SAND USING SHOVELS DIRECTLY ON TOP OF THE APPROVED AND COMPACTED G5A SUBBASE LAYER. THE BEDDING SAND SHALL BE SCREEDED TO A UNIFORM LOOSE THICKNESS OF 20.0 MM AND LEVELLED USING A STRAIGHT EDGE (E.G., A PLANK OR SIMILAR TOOL) TO ACHIEVE A CONSISTENT SURFACE. **DO NOT COMPACT THE BEDDING SAND BEFORE LAYING THE PAVING BLOCKS.** IT SHALL REMAIN IN A LOOSE CONDITION TO ALLOW PROPER SEATING OF BLOCKS DURING THE SUBSEQUENT COMPACTION PROCESS.
- BLOCK LAYING:** LAY INTERLOCKING CONCRETE BLOCKS IN AN APPROVED INTERLOCKING PATTERN AS PER **FIGURE 1**, STARTING FROM A FIXED, STRAIGHT REFERENCE LINE. MAINTAIN JOINT WIDTHS BETWEEN 2.0 MM AND 4.0 MM TO ALLOW FOR THE PENETRATION OF JOINTING SAND AND TO FACILITATE INTERLOCK.
- INITIAL COMPACTION:** AFTER LAYING ALL THE PAVING BLOCKS, SWEEP THE SURFACE TO REMOVE ANY DEBRIS, EXCESS SAND, OR FOREIGN MATERIAL. PERFORM INITIAL HAND COMPACTION USING A RUBBER Mallet TO ENSURE UNIFORM SEATING OF THE BLOCKS. THE COMPACTED HEIGHT—FROM THE BOTTOM OF THE BEDDING SAND LAYER TO THE TOP SURFACE OF THE PAVING BLOCKS SHOULD ALLOW FOR A HEIGHT TOLERANCE OF 70MM - 75MM. REFER TO **FIGURE 2** FOR THE COMPACTED LAYER PROFILE.
- JOINTING SAND APPLICATION:** SPREAD CLEAN, DRY JOINTING SAND EVENLY OVER THE SURFACE AND SWEEP IT INTO THE JOINTS USING STIFF-BRISTLED BROOMS. THE JOINTING SAND SHALL MEET THE FOLLOWING GRADING REQUIREMENTS: 100% PASSING THE 1.0 MM SIEVE 10% TO 15% PASSING THE 0.075 MM SIEVE AS PER COTO STANDARD SPECIFICATIONS.
- FINAL COMPACTION:** CONDUCT FINAL COMPACTION USING A RUBBER Mallet TO ENSURE ALL PAVING BLOCKS AND JOINTING SAND ARE PROPERLY SETTLED. ENSURE THAT THE FINISHED SURFACE COMPLIES WITH THE SPECIFIED HEIGHT TOLERANCE OF 70 MM TO 75 MM, MEASURED FROM THE BOTTOM OF THE BEDDING LAYER TO THE TOP OF THE BLOCKS. CONTINUE SWEEPING JOINTING SAND AND COMPACTING UNTIL ALL JOINTS ARE TIGHTLY FILLED, WITH NO VISIBLE VOIDS.
- QUALITY CONTROL:** INSPECT THE FINAL SURFACE USING A 3.0 M STRAIGHT EDGE IN ALL DIRECTIONS. LIFT, RE-LEVEL, AND RELAY ANY BLOCKS THAT ARE LOOSE, SUNKEN, OR MISALIGNED TO MEET SPECIFICATION. ENSURE A NEAT, UNIFORM FINISH, WITH TIGHTLY PACKED JOINTS AND CLEAN, STRAIGHT EDGES ACROSS THE ENTIRE PAVED AREA.

FOR TENDER

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