HAR-TRU
TENNIS COURT CONSTRUCTION SPECIFICATION
HAND SCREEDING METHOD

It is the purpose of this specification to provide construction techniques which, if followed accordingly and in conjunction with the U.S.T.C. & T.B.A. Specification Sheet for Har-Tru will insure that proper tolerances are met. Lee Tennis Products should approve any variation from these techniques or base material used.

I **Base Construction:** (Assuming Laser Grading Equipment is not available.)
Because of the strict tolerances required the base should be fine graded by hand, using the T-pin method illustrated in Figure 2 or a similar screeding technique as approved by Lee Tennis Products. The larger stone may be installed and rough graded mechanically but should be fine graded by the T-pin method to insure tolerance of not more than plus or minus 3/8".

II **Leveling Course:**
The leveling course should be installed by the same t-pin method (Figure 3) or similar approved technique as mentioned under base construction so as to insure a tolerance of not more than plus or minus 1/8". It is also essential that the compacted base and leveling course elevation be no lower than ½" below the top of the perimeter curbing.

III **Modified Base Construction:**
In the event of a modified (1 ½" stone screenings) base construction as recommended for private and indoor courts the sub-base should be graded to a tolerance of not more than plus or minus ½". The screenings should be leveled by hand using the same T-pin method or approved method (Figure 2) to a tolerance of not more than plus or minus 1/8". In all outdoor construction the compacted elevation of the modified base should be no lower than ½" below the top of the perimeter curbing.

IV **Surface Course:**
The surface course of Har-Tru should be installed over the leveling course or modified base at a uniform rate of 100 pounds per square yard to a loose thickness of 1 ¼". The surfacing should be leveled using 1" inside diameter (approximately 1 ¼" outside diameter) pipe as screed strips and an accurate straightedge (Figures 5 & 6). The surfacing material should be watered immediately to its full depth and rolled with a 400-600 pound hand roller approximately 15-30 minutes after watering. Three rollings with a hand roller are recommended before using a mechanical roller. The finished surface should not vary from grade more than 1/8" in 10' and should be ½" above the perimeter curbing after compaction. The outside perimeter of the court should be tapered to the curb as illustrated by Figure 7.

BASE CONSTRUCTION

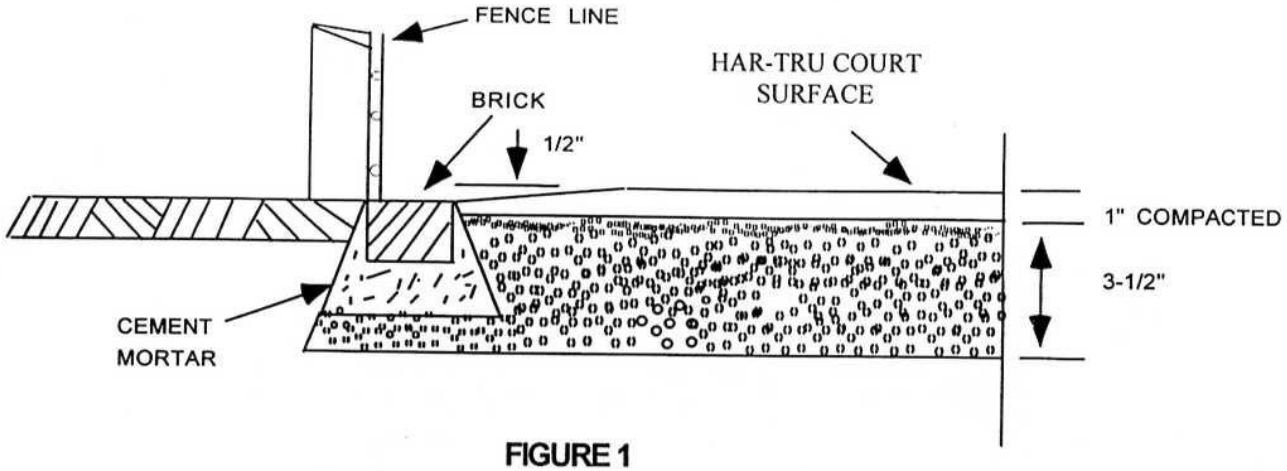


FIGURE 1

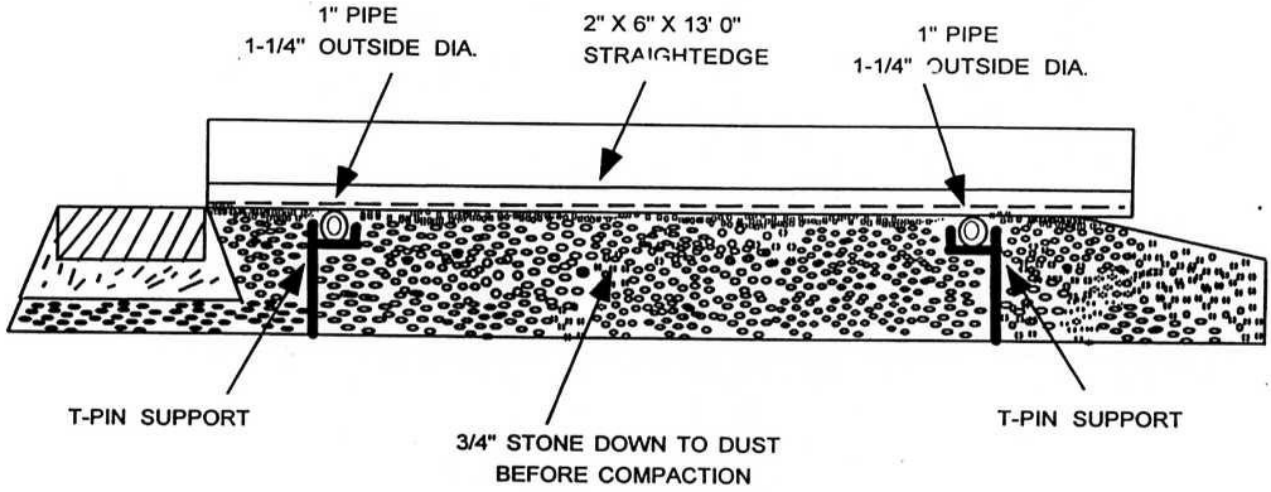


FIGURE 2

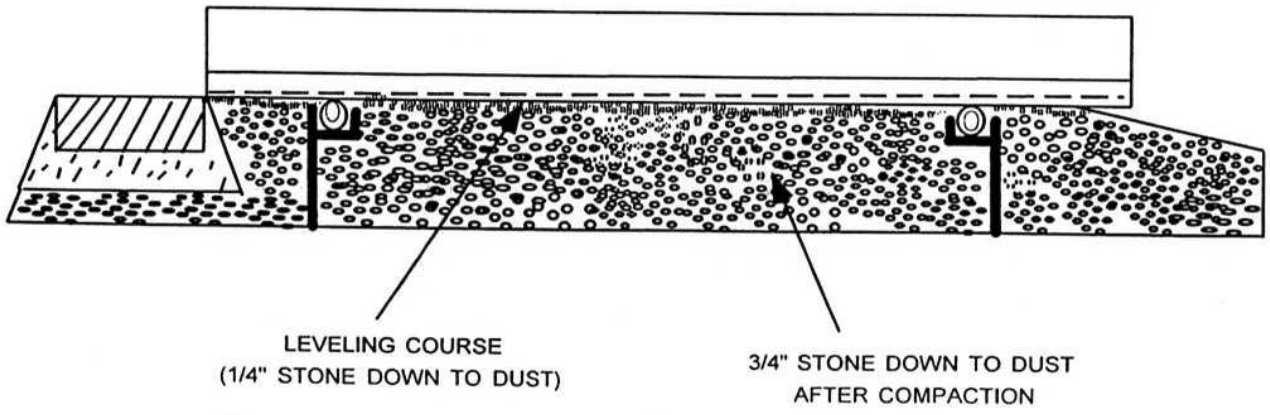
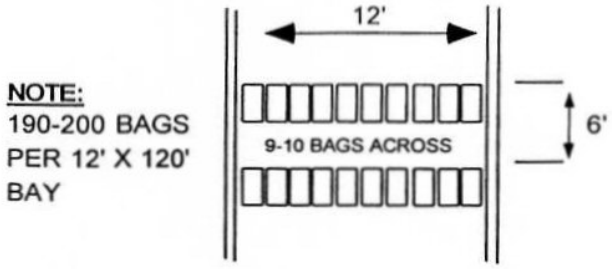


FIGURE 3

SURFACE CONSTRUCTION



NOTE:
190-200 BAGS
PER 12' X 120'
BAY

FIGURE 4

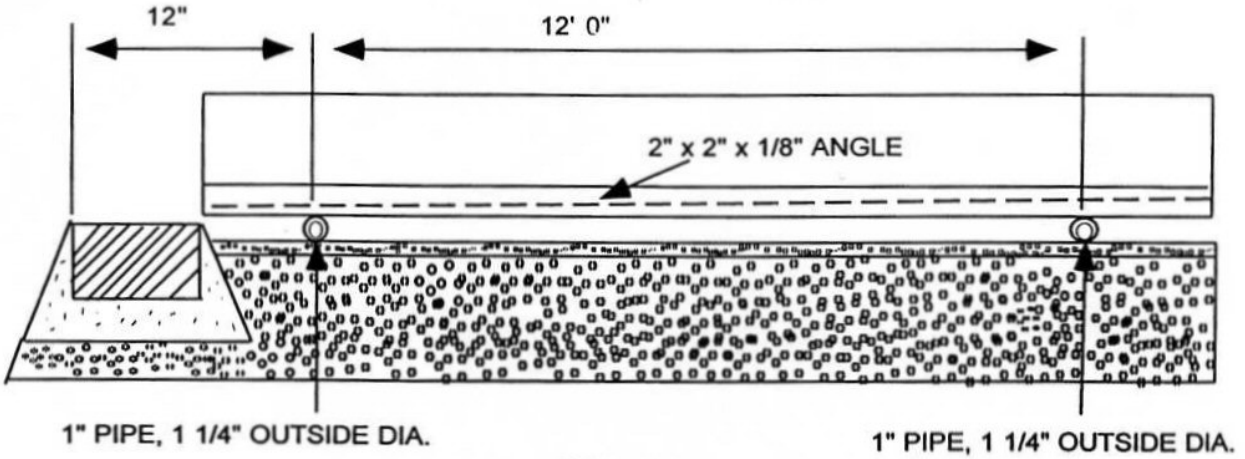


FIGURE 5

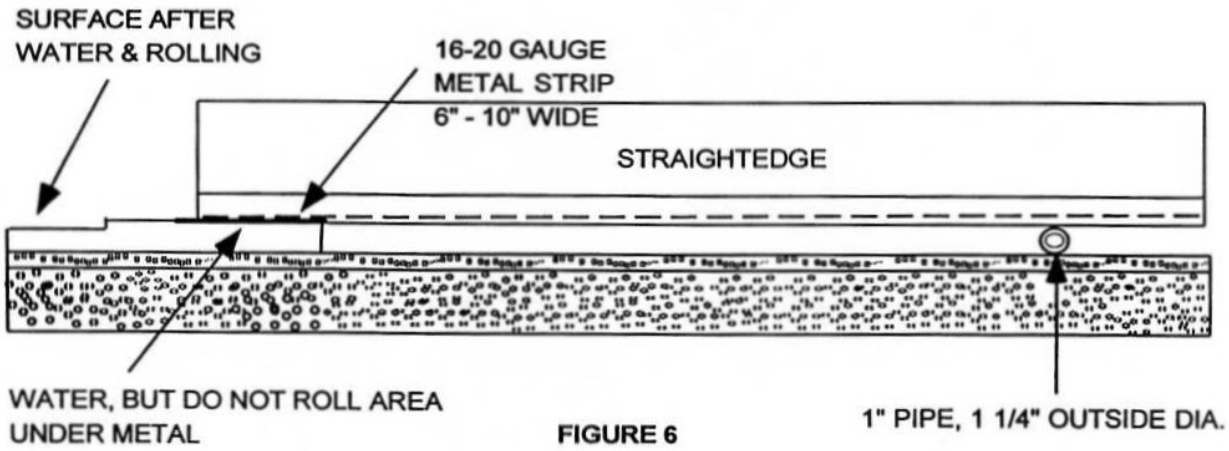


FIGURE 6

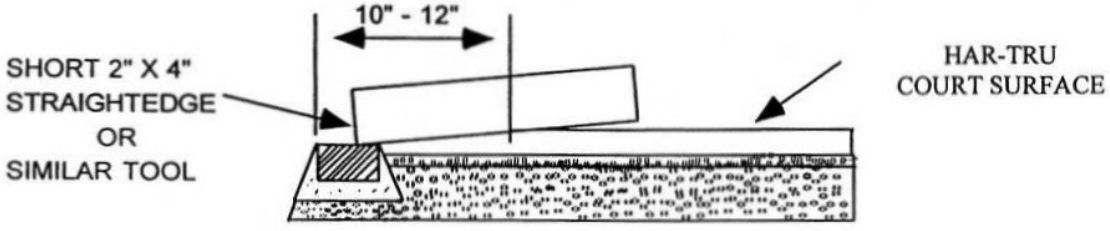


FIGURE 7