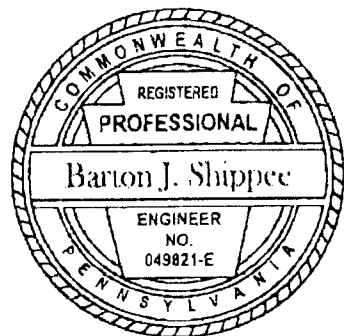


**CONSTRUCTION SEQUENCE**

1. EXCAVATE 4' DEEP FROM ORIGINAL GRADE BY 4' WIDE WITHIN STAIR AREA.
2. THOROUGHLY COMPACT SUBGRADE WITH PLATE TAMPER (CENTRIFUGAL FORCE NOT TO EXCEED 4000 LBS).
3. INSTALL 2" THICK RIGID FOAM INSULATION AGAINST BASEMENT WALL.
4. PLACE SEPARATOR FABRIC AT BASE & LAP UP FACE OF EXCAVATION & BASEMENT WALL, MINIMIZING WRINKLES.
5. PLACE 2B STONE IN 6" COMPACTED LIFTS TO PAVER/STAIR SUBGRADE. COMPACT EACH LIFT STARTING AT BASEMENT WALL AND WORK OUTWARD.
6. PLACE NEXT 6" LIFT OF 2B & COMPACT FROM BASEMENT WALL WORKING OUTWARD. REPEAT LIFT PLACEMENT & COMPACTION AS NECESSARY.
7. WRAP SEPARATOR FABRIC OVER TOP OF 2B STONE AS SHOWN TO ENCAPSULATE.
8. CONSTRUCT STAIRS/PAVER SECTION PER MANUFACTURER'S RECOMMENDATIONS.
9. THESE RECOMMENDATIONS ARE PREDICATED UPON THE ASSUMPTION THAT REASONABLY SUITABLE SOIL (NOT EXCESSIVELY SATURATED) IS EXPOSED AT A DEPTH OF 48" BELOW ORIGINAL GRADE. IF UNSUITABLE SOILS EXIST AT THIS ELEVATION, EXCESSIVE SETTLEMENT OF THE STRUCTURE MAY OCCUR OVER TIME.



BEFORE YOU DIG ANYWHERE IN PENNSYLVANIA! CALL 1-800-242-1776  
 NON-MEMBERS MUST BE CONTACTED DIRECTLY  
 PA LAW REQUIRES THREE WORKING DAYS NOTICE TO UTILITIES BEFORE YOU EXCAVATE, DRILL, BLAST OR DEMOLISH



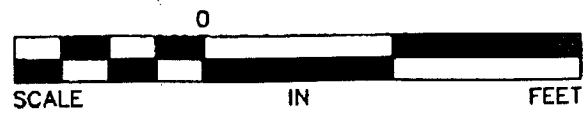
*BJS*

**SUBGRADE STABILIZATION DETAIL FOR BASEMENT OVERDIG AREA**

**GILMORE & ASSOCIATES, INC.**  
**CONSULTING ENGINEERS & LAND SURVEYORS**

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DESIGNED BY: BJS  
 DRAWN BY: MCH  
 CHECKED BY: BJS

JOB NO.: 01-0454  
 DATE: 4/22/03  
 SCALE: N.T.S.