

RETAINING WALL NOTES

ITEM 900.675 SPECIAL PROVISION (PRECAST CONCRETE GRAVITY RETAINING WALL) SHALL CONSIST OF THE DESIGN, CONSTRUCTION, AND ALL MATERIALS INCLUDING BUT NOT LIMITED TO CONCRETE BLOCKS, GRANULAR BACKFILL FOR STRUCTURES, GEOTEXTILE FABRIC, 1/2" EXPANSION MATERIAL, AND ANY DRAINAGE MATERIAL REQUIRED FOR THE RETAINING WALL SHOWN ON THIS SHEET.

THE DETAILS SHOWN ARE CONCEPTUAL IN NATURE AND ARE INTENDED TO PROVIDE OVERALL INFORMATION SUCH AS BEGINNING AND END OF WALL AND APPROXIMATE TOP AND BOTTOM PROFILE OF THE WALL.

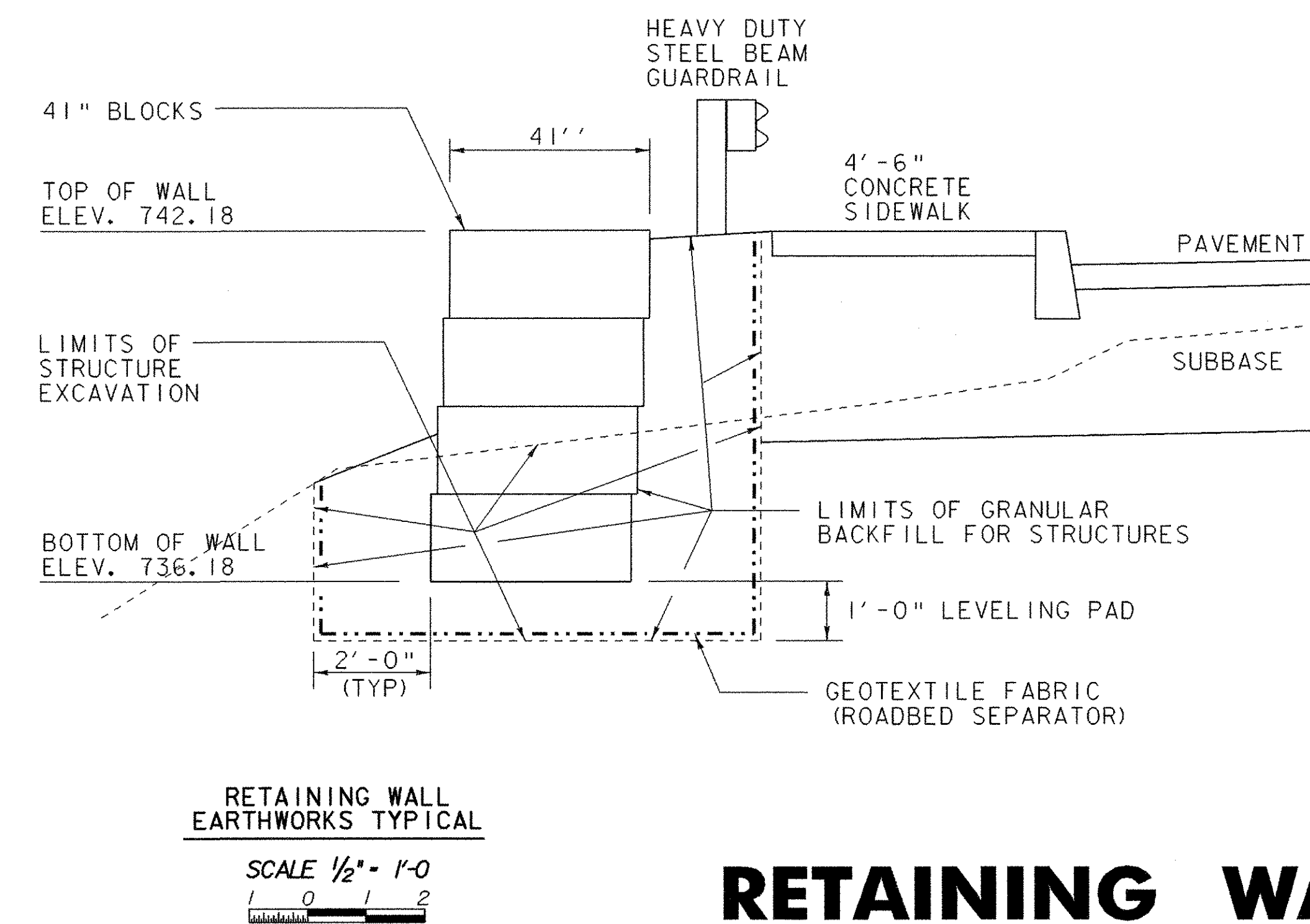
THE DESIGN SHALL BE IN ACCORDANCE WITH THE APPROPRIATE SECTIONS OF THE AASHTO 2002 STANDARD SPECIFICATIONS 17TH ADDITION FOR HIGHWAY BRIDGES.

FOR DESIGN PURPOSES THE UNIT WEIGHT OF SELECT GRANULAR BACKFILL SHALL BE 140 POUNDS/CUBIC FOOT WITH AN INTERNAL FRICTION ANGLE OF 34 DEGREES. THE MAXIMUM ALLOWABLE BEARING CAPACITY SHALL BE 4 KIPS/SQUARE FOOT.

NO LIVE LOAD SURCHARGE.

LEVEL AND COMPACT GRANULAR BACKFILL FOR STRUCTURES PRIOR TO PLACING BLOCKS.

BACKFILL AND COMPACT THE FILL MATERIAL BEHIND THE WALL AS THE WALL IS INSTALLED.



RETAINING WALL

PROJECT NAME: BARTON
 PROJECT NUMBER: BRO 1449 (29)
 FILE NAME: 01j68/struct/sj168retwallpe.dgn PLOT DATE: 02-APR-2007
 PROJECT LEADER: W. SYMONDS DRAWN BY: G. SHANGRAW
 DESIGNED BY: J. LACROIX CHECKED BY: T. SUMNER
 sj168retwallpe.i SHEET 59 OF 84