



SEGMENTED RETAINING WALL GENERAL NOTES

1. STRIP VEGETATION AND ORGANIC SOIL FROM WALL AND GEOSYNTHETIC ALIGNMENT.
2. BENCH OUT ALL EXCAVATED SLOPES.
3. DO NOT OVER EXCAVATE UNLESS DIRECTED BY SITE SOIL ENGINEER TO REMOVE UNSATURABLE SOIL.
4. GEOTECHNICAL INVESTIGATION AND REPORT OF THE SUBSURFACE AND GROUNDWATER WAS NOT PERFORMED. THE CONTRACTOR SHALL HAVE AN INDEPENDENT TESTING AGENCY CONDUCT SOILS TESTS TO OBTAIN PROCTOR INFORMATION AS WELL AS SOIL PROPERTIES OF THE RETAINED SOILS FOR THE DESIGN OF SEGMENTED RETAINING WALL.
5. LEVELING PAD SHALL CONSIST OF COMPACTED COARSE SAND OR CRUSHED GRAVEL, 6\"/>
- 6. CONTRACTOR MAY OPT FOR A LEAN CONCRETE PAD. CONCRETE PAD SHALL BE UNREINFORCED, 3\"/>
- 7. MINIMUM EMBEDMENT OF WALL BELOW FINISH GRADE SHALL BE 6\"/>
- 8. FOR UNITS TO BE EMBEDDED, COMPACT FILL IN FRONT OF UNITS AT THE SAME THE FILL BEHIND UNITS IS COMPACTED.
- 9. DRAINAGE AGGREGATE SHALL BE INSTALLED DIRECTLY BEHIND THE WALL WITHIN 12\"/>
- 10. COMPACTION SHALL BE TO 95% OF MAXIMUM STANDARD PROCTOR DENSITY (ASTM D-698)
- 11. COMPACTION TESTS SHALL BE TAKEN AS THE WALL IS INSTALLED. SEE PROJECT SPECIFICATIONS FOR THE FREQUENCY OF COMPACTION TESTS TO BE PERFORMED.
- 12. COMPACTION WITHIN 3 FT. OF WALL SHALL BE LIMITED TO HAND OPERATED EQUIPMENT.
- 13. SEE ELEVATION DRAWINGS FOR GEOSYNTHETIC TYPE, LENGTH AND LOCATION REQUIRED.
- 14. GEOSYNTHETIC SHALL BE PLACED WITH STRONGEST DIRECTION PERPENDICULAR TO WALL. FOLLOW GEOSYNTHETIC MANUFACTURER'S INSTALLATION INSTRUCTIONS AND WRITTEN SPECIFICATIONS.
- 15. CONTRACTOR SHALL DIRECT SURFACE RUNOFF TO AVOID DAMAGING WALL WHILE UNDER CONSTRUCTION.
- 16. ANY SURFACE DRAINAGE FEATURES, FINISH GRADING, PAVEMENT, OR TURF SHALL BE INSTALLED IMMEDIATELY AFTER WALL IS COMPLETED.
- 17. FOLLOW APPLICABLE PROVISIONS OF THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND WRITTEN SPECIFICATIONS.
- 18. IF CONDITIONS ARE DIFFERENT THAN THOSE STATED IN THESE DRAWINGS AND SPECIFICATIONS, THE CONTRACTOR MUST CONTACT ENGINEER PRIOR TO PROCEEDING WITH THE CONSTRUCTION OF THE WALL.

C1 REINFORCED SEGMENTED RETAINING WALL
Scale: 3/4" = 1'-0"

TSP
To Solve. To Excel. Together.
TSP Three, Inc.
600 Kansas City Street
Rapid City, SD 57701
Phone: (605) 343-6102
Fax: (605) 343-7199
www.team3ip.com
Architecture
Engineering
Construction

CONSULTANTS

PROJECT TITLE

Security First Bank
Rapid City, SD

DATE: 12/22/2004
DESIGNER: [blank]
PROJECT MANAGER: [blank]
CAD FILE: C-501.DWG
DRAWN BY: [blank]
CHECK BY: [blank]
DATE: [blank]

SHEET TITLE

RETAINING WALL
DETAILS

C-501

FOR BID SUBMITTAL ONLY - NOT FOR CONSTRUCTION