

REVISIONS

| NO | DATE | DESCRIPTIONS |
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FAZOLI'S RESTAURANT  
MO. STATE HWY. "K"  
O'FALLON, MISSOURI



Farnsworth  
Polk, Inc.

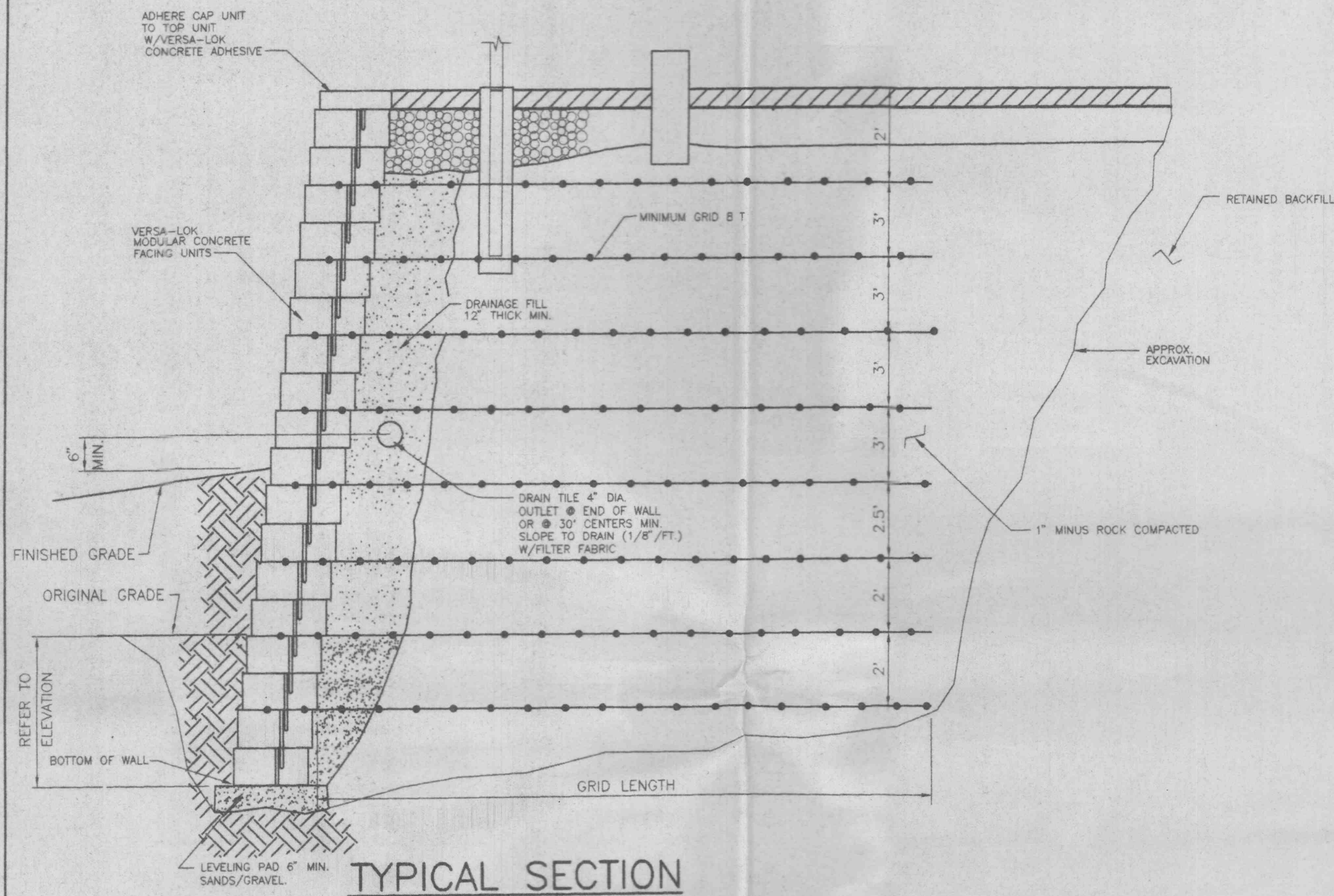
engineers  
& surveyors

144 W. Lockwood Ave.  
St. Louis, MO 63119  
Phone (314)962-7900  
Fax (314)962-1253

TITLE:  
RETAINING  
WALL DETAILS

DATE: 5-12-95  
PROJECT NO.: 94189

SHEET:  
C-6

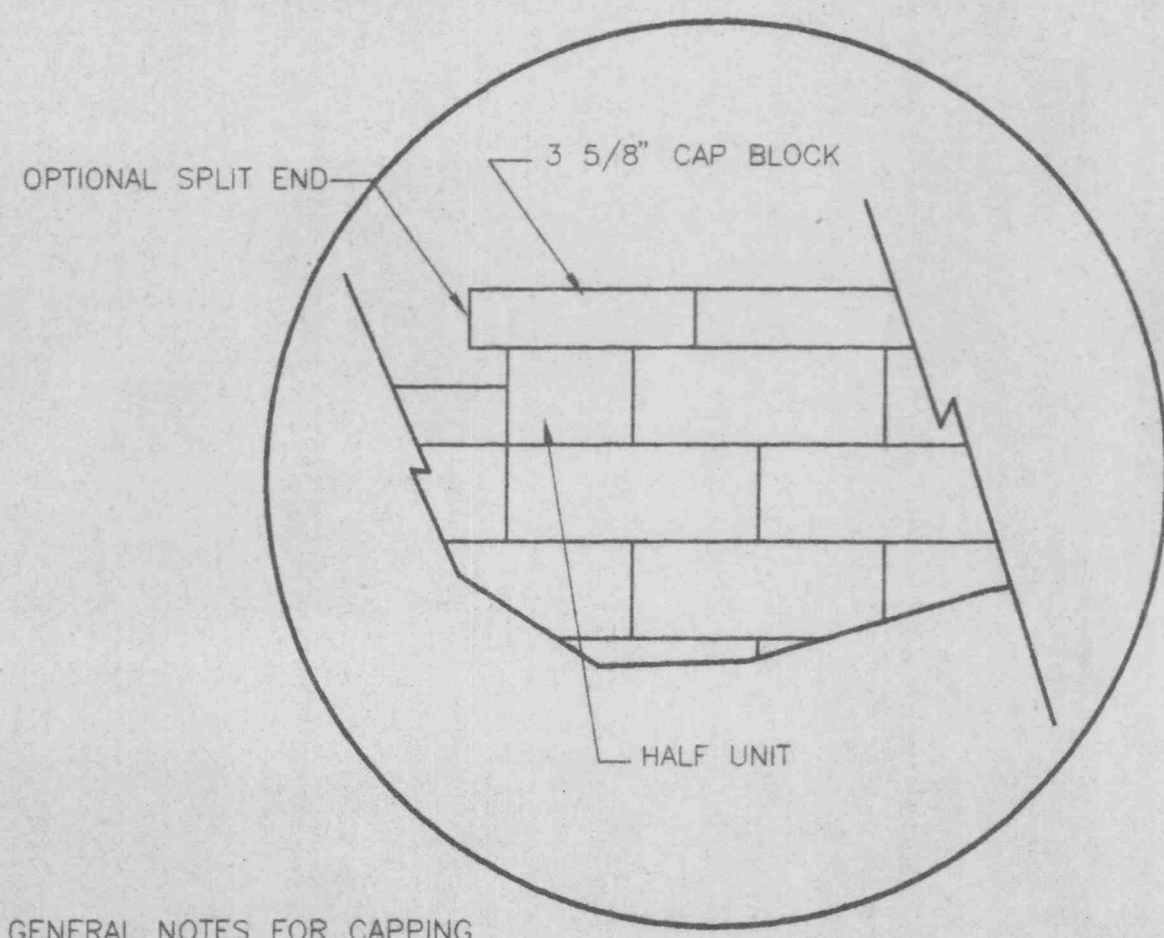


TYPICAL SECTION

MODULAR CONCRETE UNIT  
RETAINING WALL  
SCALE: NONE

GENERAL NOTES

1. STRIP ALL VEGETATION AND ORGANIC SOIL FROM THE WALL AND GRID ALIGNMENT.
  2. BENCH CUT ALL EXCAVATED SLOPES.
  3. DO NOT OVER EXCAVATE UNLESS DIRECTED BY SITE SOIL ENGINEER TO REMOVE UNSUITABLE SOIL.
  4. SITE SOIL ENGINEER SHALL VERIFY FOUNDATION SOILS AS BEING COMPETENT PER THE DESIGN STANDARDS AND PARAMETERS.
  5. BASE SHALL CONSIST OF COMPACTED SANDS AND GRAVEL, MINIMUM 6" THICK.
  6. CONTRACTOR MAY OPT FOR A CONCRETE FOOTING. CONCRETE FOOTING SHALL BE UNREINFORCED, DEPTH OF CONCRETE (APPROXIMATELY 1" TO 2") AND COMPACTED SOIL BASE SHALL NOT BE LESS THAN 6" THICK.
  7. MINIMUM EMBEDMENT OF WALL BELOW FINISH GRADE SHALL BE 12" FOR WALL HEIGHTS FROM 4 FT. AND UP, 6" BELOW 4 FT. UNLESS SHOWN DIFFERENTLY.
  8. FOLLOW APPLICABLE PROVISIONS OF THE MANUFACTURERS INSTALLATION INSTRUCTIONS AND WRITTEN SPECIFICATIONS.
  9. DRAINAGE FILL 12" THICK SHALL BE INSTALLED BEHIND THE WALL TO WITHIN 18" OF THE TOP OF THE WALL.
  10. WHERE DRAIN TILE IS USED PROVIDE OUTLETS @ MIN. 40 FT CC.
  11. BACKFILL AND COMPACT IN FRONT OF THE WALL AS WALL IS INSTALLED.
  12. COMPACTION TESTS SHALL BE TAKEN AS THE WALL IS INSTALLED. THE MINIMUM NUMBER OF TESTS SHALL BE DETERMINED BY THE SITE SOILS ENGINEER.
  13. COMPACTION SHALL BE TO 95% OF MAXIMUM STANDARD PROCTOR DENSITY.
  14. SEE ELEVATION FOR GEOGRID TYPE, LENGTH AND LOCATION REQUIRED.
  15. GEOGRID SHALL BE THE TYPE AND LENGTH AS SHOWN. PULL GEOGRID TIGHT PRIOR TO BACKFILLING.
  16. PROVIDE LATERAL DRAINAGE SWALES TO DIRECT FLOWS AROUND THE ENDS OF THE WALL.
  17. ESTABLISH TURF AS SOON AS THE WALL IS COMPLETED.
  18. FINAL WALL ALIGNMENT SHALL BE LOCATED IN THE FIELD.
- IF CONDITIONS ARE DIFFERENT THAN THOSE STATED IN THESE DRAWINGS AND SPECIFICATIONS, THE CONTRACTOR MUST CONTACT THE ENGINEER PRIOR TO PROCEEDING WITH THE CONSTRUCTION OF THE WALL.

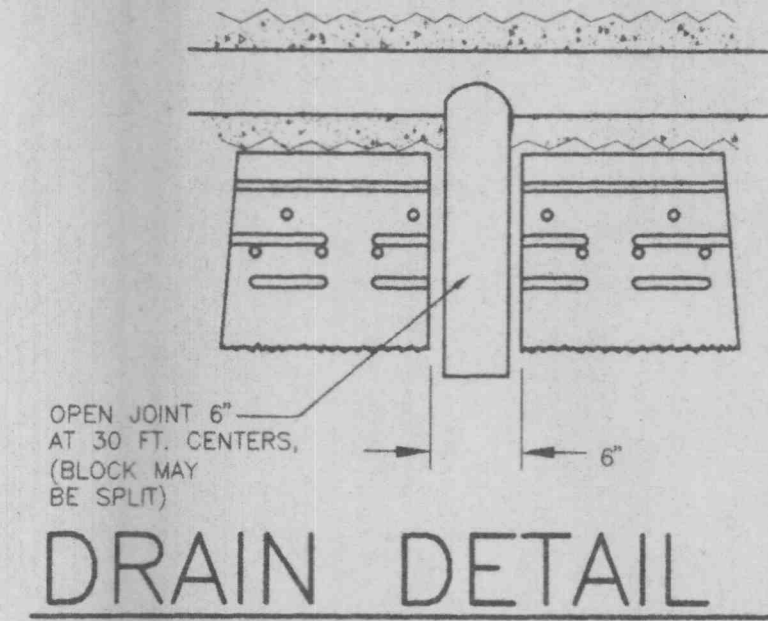


GENERAL NOTES FOR CAPPING

1. CAPS SHALL BE PLACED AS REQUIRED BY CONTRACT.
2. CAPS SHALL BE ADHERED TO WALL USING VERSA-LOK CONCRETE ADHESIVE.
3. WHEN CUTTING CAP UNIT FOR WALL END DO NOT USE A CAP SECTION LESS THAN 6" WIDE.
4. CAPS MAY BE PLACED FLUSH OR WITH A 1/2" TO 3/4" OVERHANG ON TOP OF WALL.
5. WALL CAPPING WILL REQUIRE USE OF TYPE A AND TYPE B UNITS.

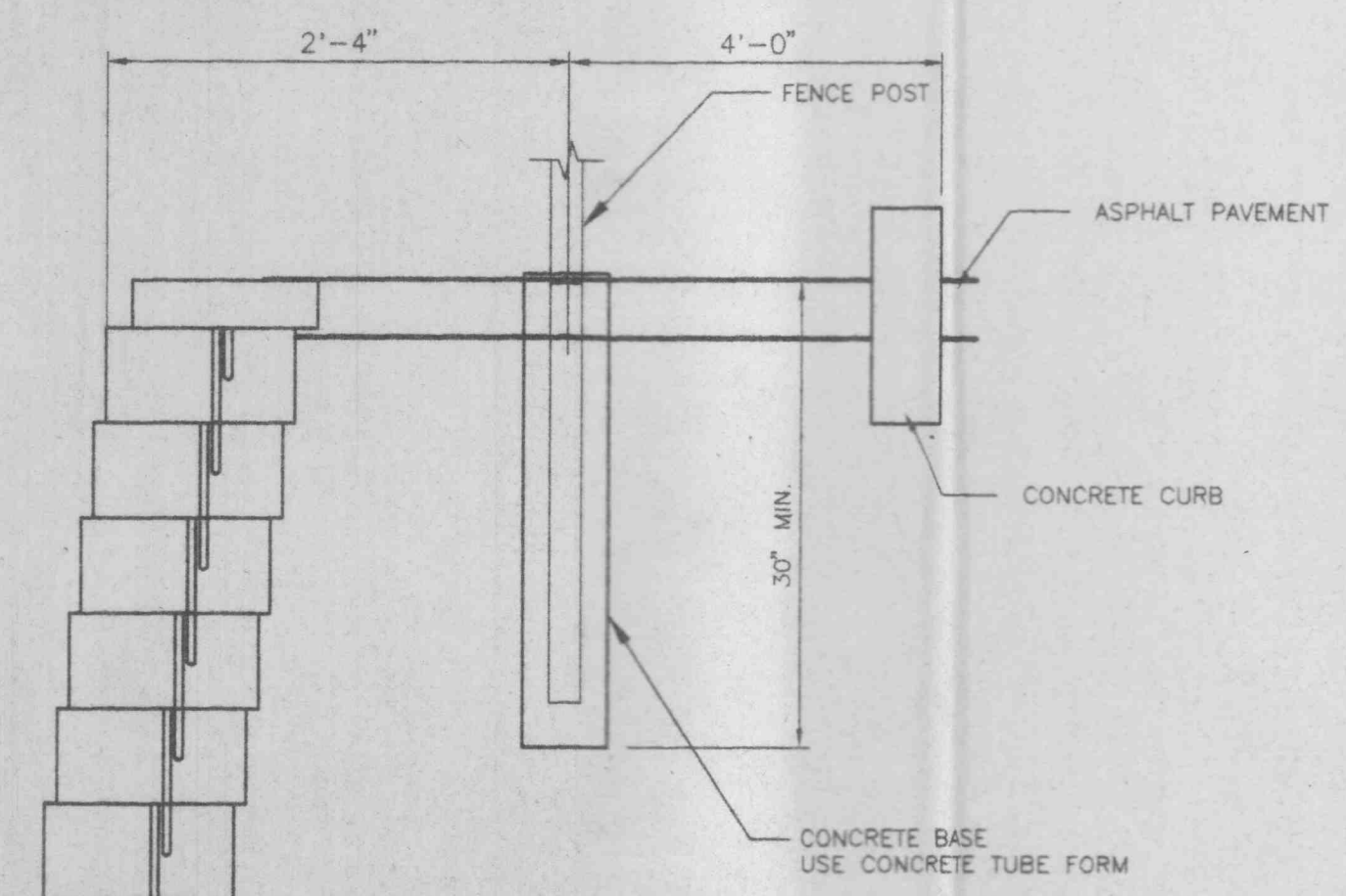
CAPPING DETAIL

SCALE: NONE



DRAIN DETAIL

WALLS OVER 4'  
SCALE: NONE



POST DETAIL

TYPICAL HANDRAIL AND/OR FENCE POST  
SCALE: NONE

LEGEND

- COMPACTED AGGREGATE BASE COURSE
- ASPHALT PAVEMENT
- 1" CLEAN DRAINAGE FILL
- COMPACTED NATIVE SOIL
- NATIVE SOIL
- CONCRETE

ANCHOR (GRID)

4" PERFORATED DRAIN TILE