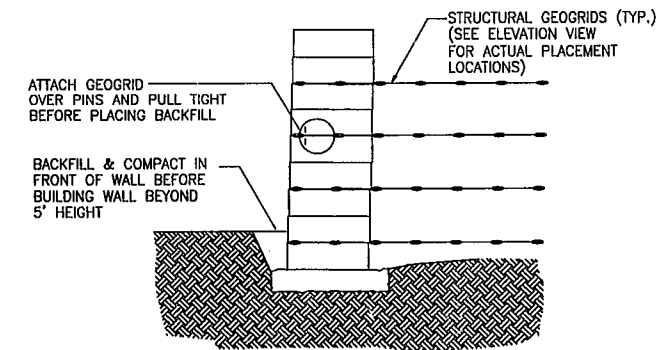


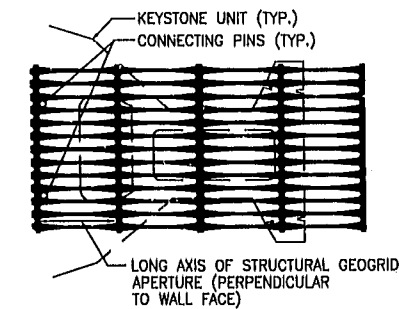
TYPICAL CROSS-SECTION KEYSTONE WALL  
COMPAC UNITS: 1" SETBACK BATTER  
NOT TO SCALE

- NOTES:
- INSTALL GEOGRID IN TENSION
  - COMPACT SOILS TO 95% STANDARD PROCTOR
  - COMPACT SOILS IN FRONT OF WALL
  - UNIT CORE FILL INSTALLED TO 3" BEHIND STANDARD UNIT AND 12" BEHIND COMPAC UNIT SHALL BE 3/4" MINUS STONE.
  - OUTLET DRAIN LINES THROUGH WALL AT 100' O.C. WITH SCHEDULE 40 PVC 4" DIA. PIPE.
  - STABLE FOUNDATION SHALL BE APPROVED BY A GEOTECHNICAL ENGINEER.
  - DRAINAGE COMPOSITE INSTALLED AT 2/3 WALL HEIGHT AND 30% COVERAGE

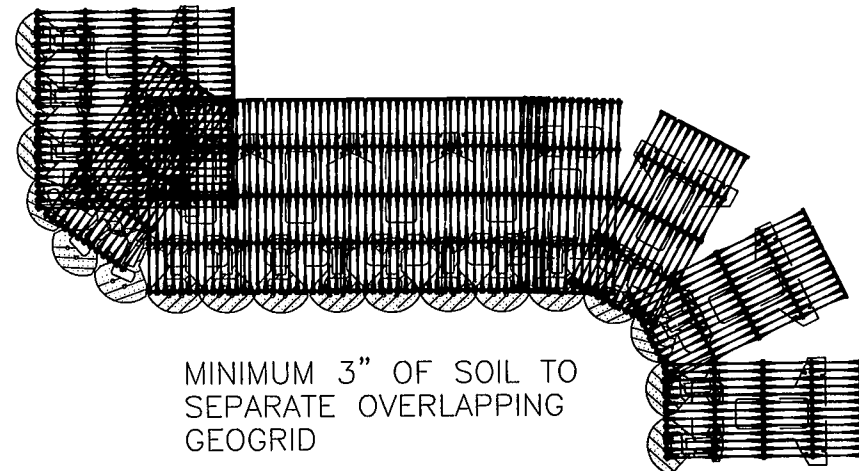


GEOGRID ATTACHMENT DETAIL  
N.T.S.

See detail 9/3 for fence on wall

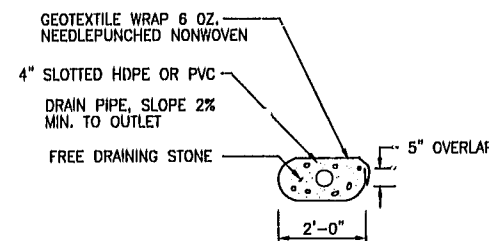


GEOGRID ORIENTATION  
N.T.S.

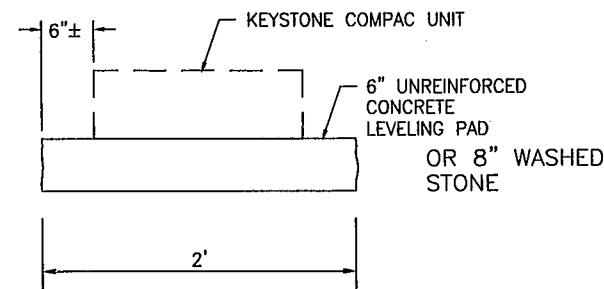


MINIMUM 3" OF SOIL TO SEPARATE OVERLAPPING GEOGRID

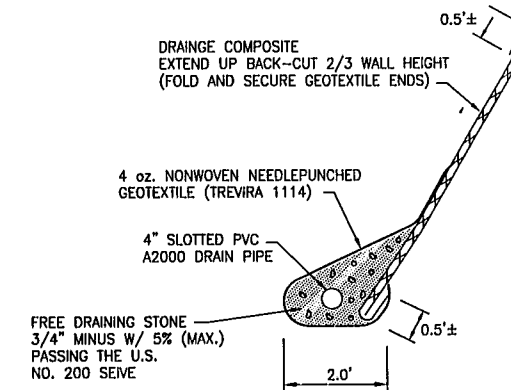
GEOGRID LOCATION DETAIL  
N.T.S.



SUBDRAIN DETAIL  
N.T.S.



LEVELING PAD DETAIL  
N.T.S.



DRAINAGE COMPOSITE  
NOT TO SCALE

01-56-012  
APPROVED  
TOWN OF CARY

Approved by DRC Date 6-22-02  
Planning Date 6-13-02  
Engineering Date 6-12-02

WORLDWIDE ENGINEERING - GEO DIVISION

CONSULTING ENGINEERS & PLANNERS  
4090 NORTH HIGHWAY 16  
DENVER, NC 28037  
PHONE/FAX: (704) 483-5225  
EMAIL: mlkiser@bellsouth.com

*Michael Kiser*  
SEAL 19258  
3/25/02  
MICHAEL KISER PE

Revision #1	3/25/02					
NO	REVISIONS	DRN	DATE	CHKD	DATE	APPR DATE

DETAIL VIEW

THE GROVE @ CARY PARK  
RETAINING WALLS  
CARY, N.C.

DESIGNER: MLK DATE: 3/25/02  
DRAWN: JKK DATE: 3/25/02  
CHECKED: JKK DATE: 3/25/02  
SCALE: SEGMENTAL RETAINING WALL