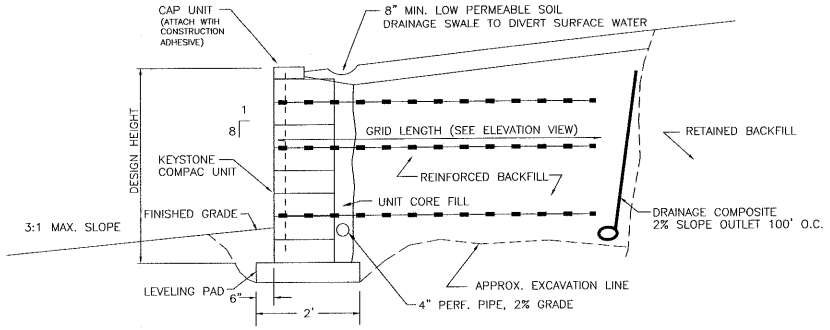
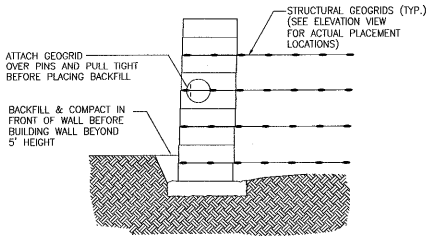


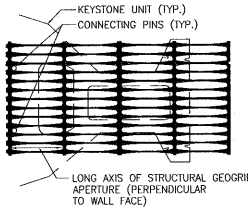
TYPICAL CROSS-SECTION KEYSTONE WALL
COMPAC UNITS: 1" SETBACK BATTER
NOT TO SCALE

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

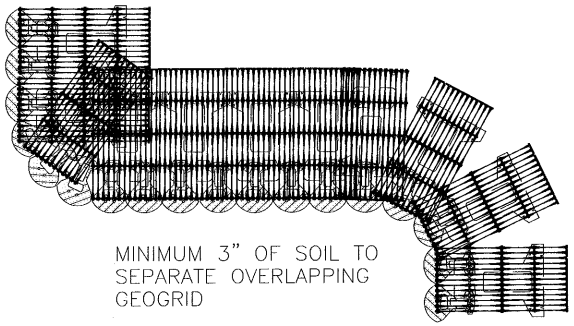


See detail 9/3 for fence on wall

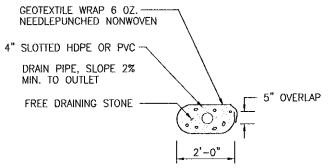
GEOGRID ATTACHMENT DETAIL
N.T.S.



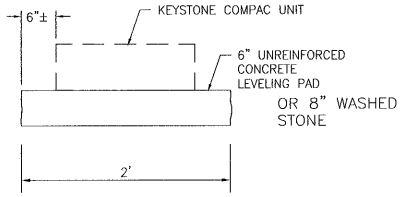
GEOGRID ORIENTATION
N.T.S.



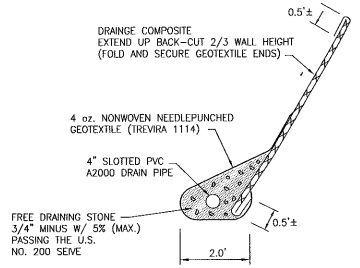
GEOGRID LOCATION DETAIL
N.T.S.



SUBDRAIN DETAIL
N.T.S.



LEVELING PAD DETAIL
N.T.S.



DRAINAGE COMPOSITE
NOT TO SCALE

01-SB-012
APPROVED
TOWN OF CARY
Approved by DRC Date 5.22.02
Planning BS Date 6-13-02
Engineering TS Date 6-12-02

WORLDWIDE ENGINEERING - GEO DIVISION
CONSULTING ENGINEERS & PLANNERS
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NORTH CAROLINA PROFESSIONAL SEAL 19258 ENGINEER MICHAEL KISER
Michael Kiser 3/25/02

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

DESIGNER: MICHAEL KISER PE

DETAIL VIEW

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

DESIGNER	MLK	DATE 3/6/02	REQ'D		DATE
DRAWN	JGK	DATE 3/6/02	REQ'D		DATE
CHECKED		DATE	APPR.		DATE

SCALE | SEGMENTAL RETAINING WALL | REV.