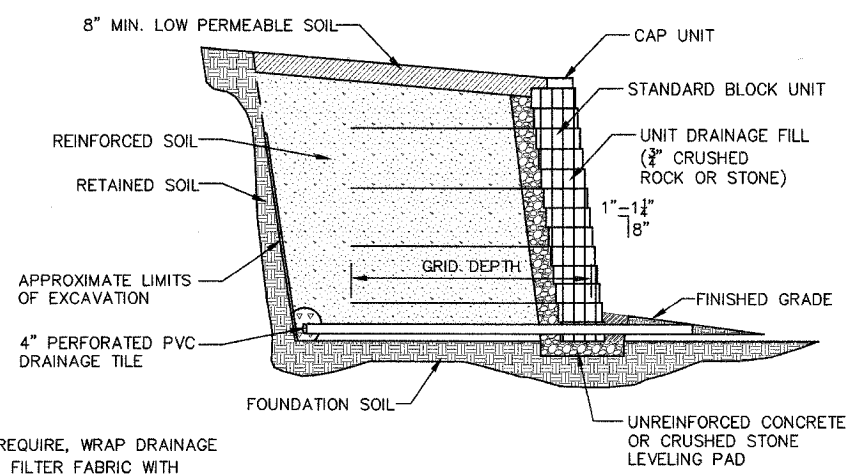


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 2545	*	WILL	147	103A
FEDERAL DIST. NO. 7		BLANK	FED. AID PROJECT	
* 98-00036-19-FP			CONTRACT NO. 83896	



NOTES:

1. WHEN SITE CONDITIONS REQUIRE, WRAP DRAINAGE TILE IN 3/4\"/>

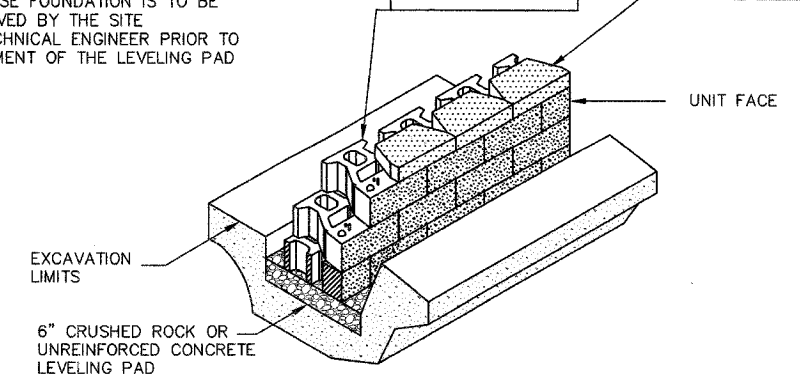
TYPICAL REINFORCED WALL SECTION N.T.S.
STANDARD UNIT - 1\"/>

BASE LEVELING PAD NOTES

1. THE LEVELING PAD IS TO BE CONSTRUCTED OF CRUSHED STONE OR 2,000 PSI UNREINFORCED CONCRETE
2. THE BASE FOUNDATION IS TO BE APPROVED BY THE SITE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF THE LEVELING PAD

STANDARD UNIT	
WIDTH:	18"
DEPTH:	18"
HEIGHT:	8"
WEIGHT:	108 LBS

CAP UNIT	
WIDTH:	18"
DEPTH:	10 1/2"
HEIGHT:	4"
WEIGHT:	50 LBS

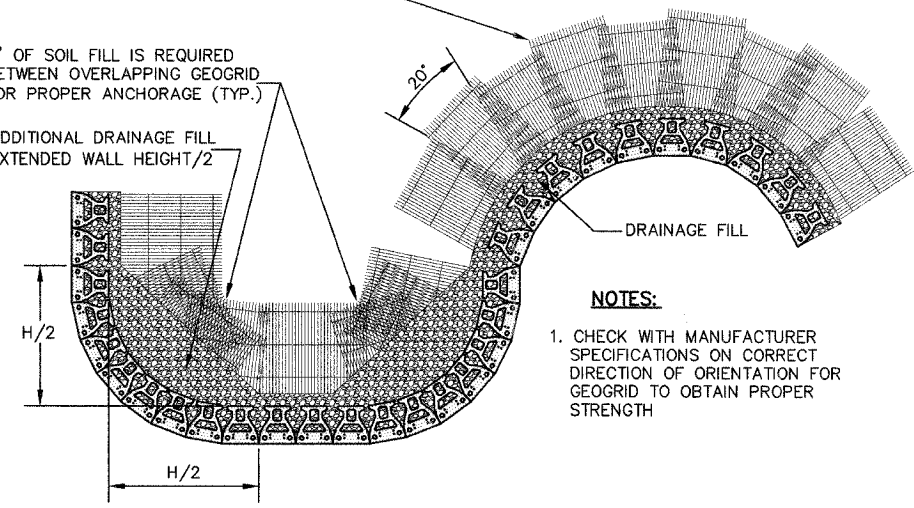


STANDARD UNIT/BASE PAD ISOMETRIC SECTION VIEW
* DIMENSIONS & WEIGHT MAY VARY BY REGION

PLACE ADDITIONAL PIECES OF GEOGRID WHEN ANGLE EXCEEDS 20°

3" OF SOIL FILL IS REQUIRED BETWEEN OVERLAPPING GEOGRID FOR PROPER ANCHORAGE (TYP.)

ADDITIONAL DRAINAGE FILL EXTENDED WALL HEIGHT/2

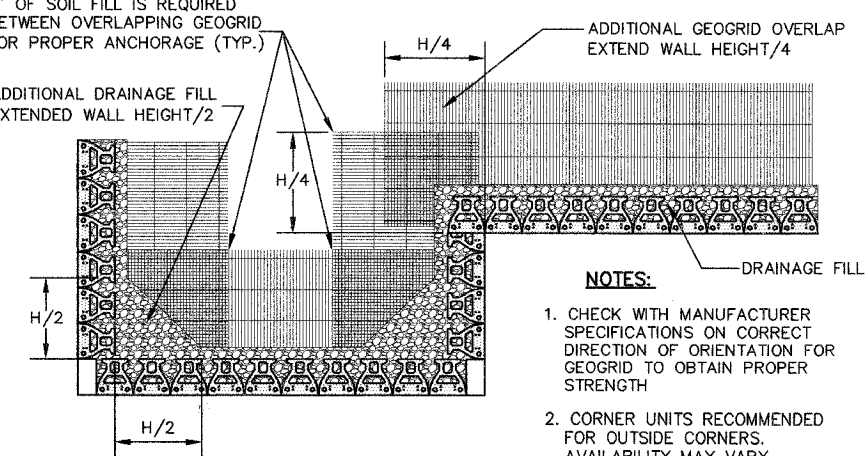


GEOGRID INSTALLATION ON CURVES

3" OF SOIL FILL IS REQUIRED BETWEEN OVERLAPPING GEOGRID FOR PROPER ANCHORAGE (TYP.)

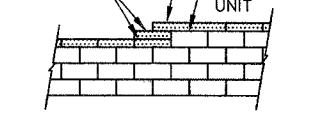
ADDITIONAL DRAINAGE FILL EXTENDED WALL HEIGHT/2

ADDITIONAL GEOGRID OVERLAP EXTEND WALL HEIGHT/4



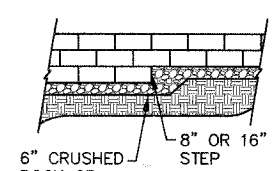
GEOGRID INSTALLATION AT CORNERS

(2)-4" CAP UNITS OR (1)-8" CAP UNIT



NOTES:
1. SECURE ALL CAP UNITS WITH KEYSTONE KAPSEAL OR EQUAL

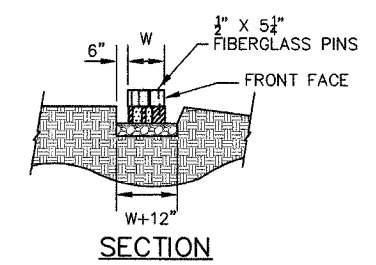
TOP OF WALL STEPS



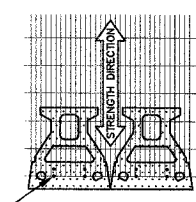
6" CRUSHED ROCK OR UNREINFORCED CONCRETE LEVELING PAD

ELEVATION

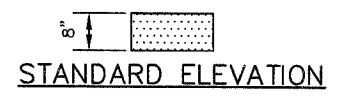
NOTES:
1. THE LEVELING PAD IS TO BE CONSTRUCTED OF CRUSHED STONE OR 2000 PSI ± UNREINFORCED CONCRETE



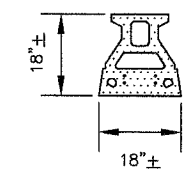
LEVELING PAD DETAIL



GRID AND PIN CONNECTION

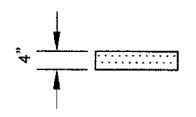


STANDARD ELEVATION

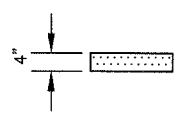


STANDARD PLAN

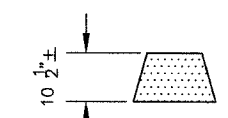
STANDARD UNIT
*DIMENSIONS MAY VARY BY REGION



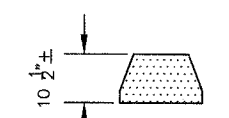
CAP UNIT ELEVATION



CAP UNIT ELEVATION



CAP UNIT PLAN



CAP UNIT PLAN

UNIVERSAL CAP UNIT OPTION
*DIMENSIONS & AVAILABILITY WILL VARY BY REGION

STRAIGHT SPLIT CAP UNIT OPTION
*DIMENSIONS & AVAILABILITY WILL VARY BY REGION

P1 DRAWING ID: G:\20030023 - Plainfield-Naperville Road\dwg\KEYSTONE DETAIL.dwg
 PLOT DATE: 06/23/05 - 07:47

WILL COUNTY DEPARTMENT OF HIGHWAYS			
PLAINFIELD-NAPERVILLE ROAD (C.H. 14) ROADWAY RECONSTRUCTION BLOCK RETAINING WALL DETAILS			
McDonough Associates Inc. Engineers/Architects		DESIGNED BY: RJE CHECKED BY: DRAWN BY: RJE	SCALE: N.T.S.
NO.	DATE	REVISION	BY