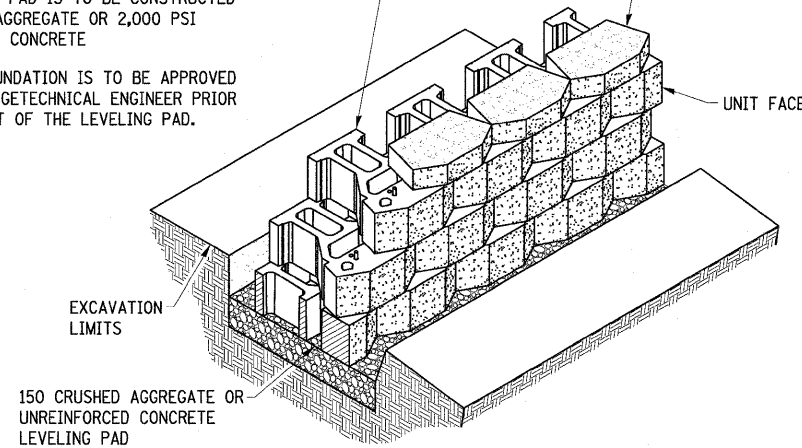


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	108
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

**BASE LEVELING PAD NOTES**

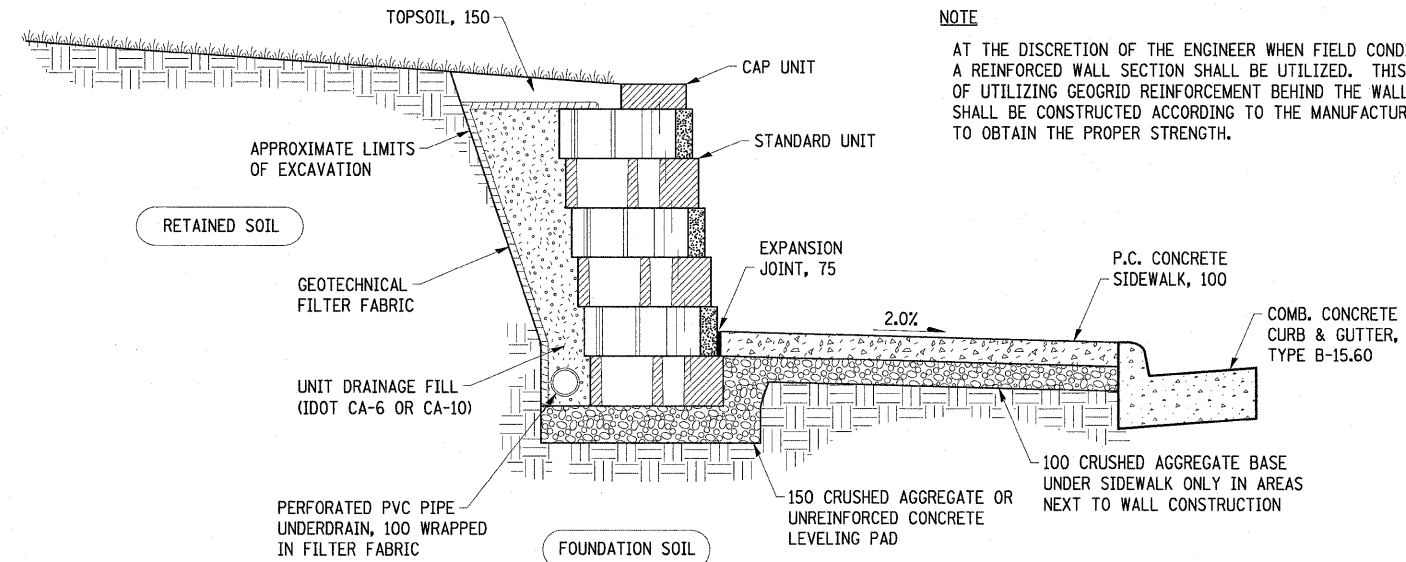
1. THE LEVELING PAD IS TO BE CONSTRUCTED OF CRUSHED AGGREGATE OR 2,000 PSI UNREINFORCED CONCRETE
2. THE BASE FOUNDATION IS TO BE APPROVED BY THE SITE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF THE LEVELING PAD.

STANDARD UNIT	CAP UNIT
WIDTH: 457mm (18")	WIDTH: 457mm (18")
DEPTH: 546mm (21.5")	DEPTH: 267mm (10.5")
HEIGHT: 204mm (8")	HEIGHT: 102mm (4")
WEIGHT: 52.3kg (115lbs)	WEIGHT: 20.5kg (45lbs)



**STANDARD UNIT/BASE PAD ISOMETRIC SECTION VIEW**

Unit Dimensions & Weight May Vary by Region

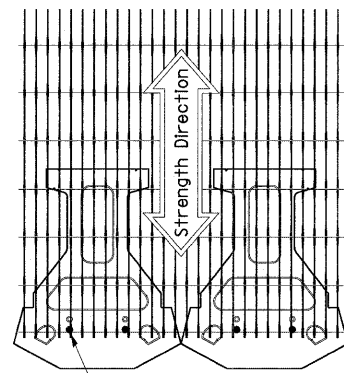


**NOTE**

AT THE DISCRETION OF THE ENGINEER WHEN FIELD CONDITIONS WARRANT, A REINFORCED WALL SECTION SHALL BE UTILIZED. THIS SHALL CONSIST OF UTILIZING GEOGRID REINFORCEMENT BEHIND THE WALL. THE GEOGRID SHALL BE CONSTRUCTED ACCORDING TO THE MANUFACTURERS SPECIFICATIONS TO OBTAIN THE PROPER STRENGTH.

**TYPICAL GRAVITY WALL SECTION**

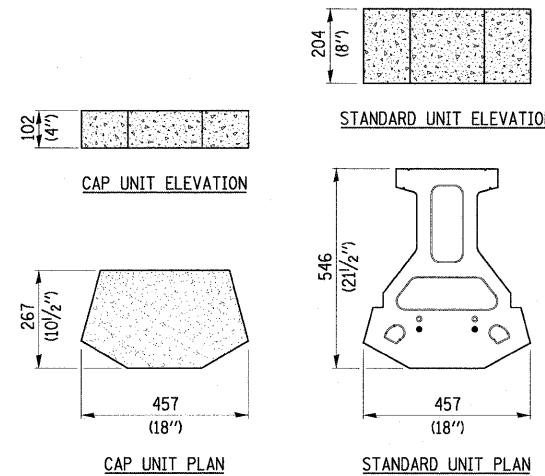
Standard Unit - 25mm (1") Setback



**GRID & PIN CONNECTION**

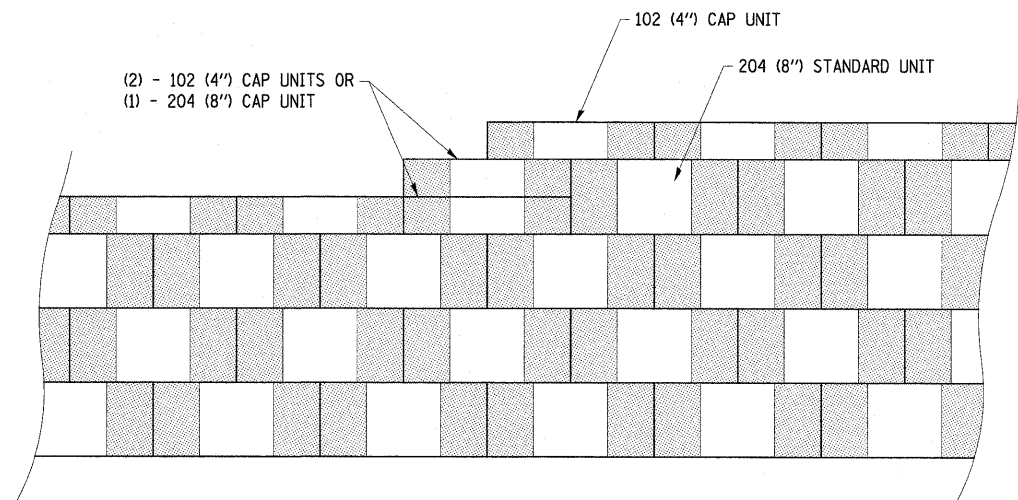
If Required Due to Soil Conditions

GEOGRID IS TO BE PLACED ON LEVEL BACKFILL AND EXTENDED OVER THE FIBERGLASS PINS. PLACE NEXT UNIT. PULL GRID TAUGHT AND BACKFILL. STAKE AS REQUIRED



**STANDARD TRI-PLANE UNIT/CAP DETAILS**

Unit Dimensions & Weight May Vary by Region



**TOP OF WALL STEP DETAIL**

Unit Dimensions & Weight May Vary by Region

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SEGMENTAL CONCRETE BLOCK WALL  SCALE NO SCALE DATE APRIL 18, 2008

DRAWN BY EDW  
CHECKED BY RGH