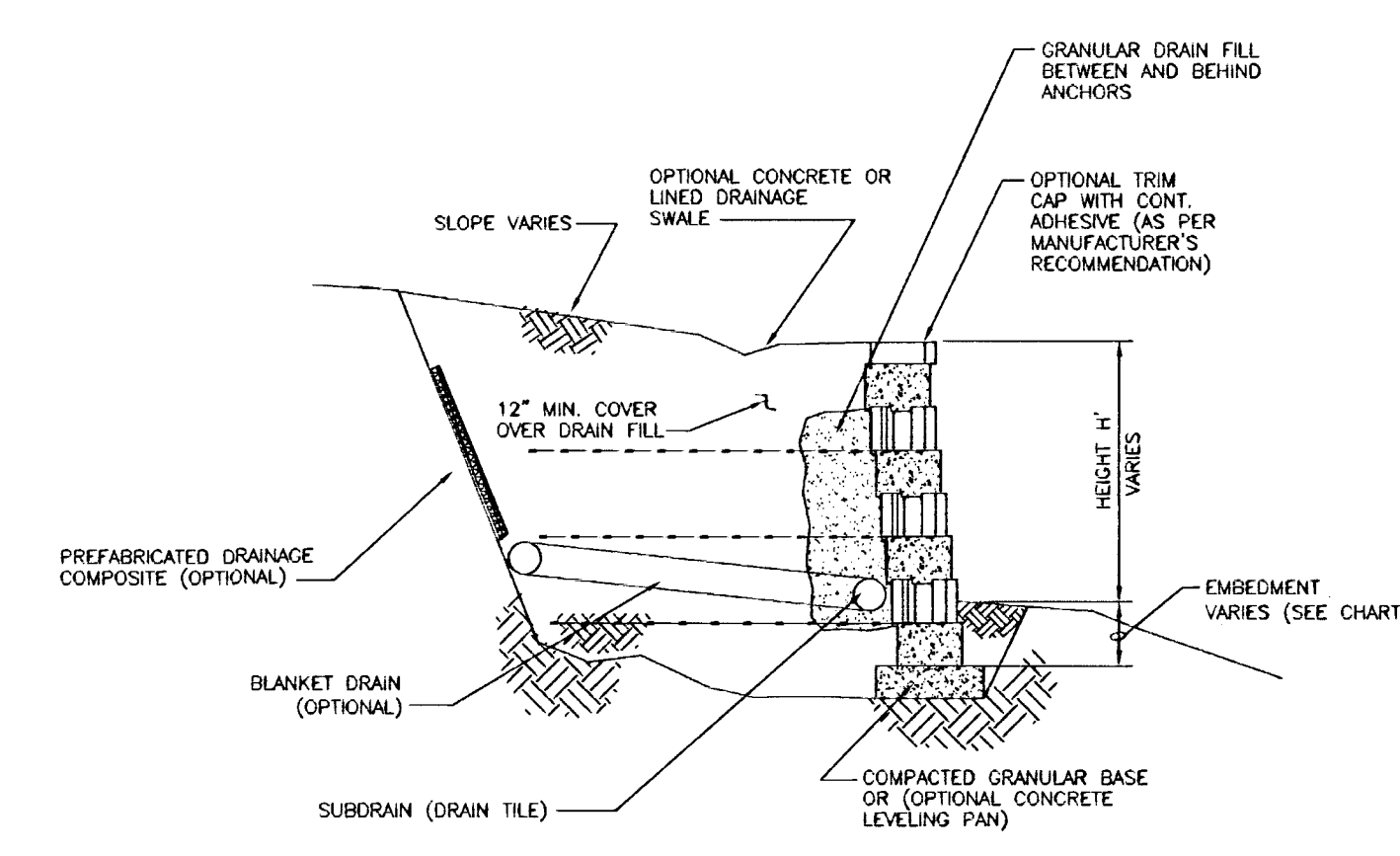
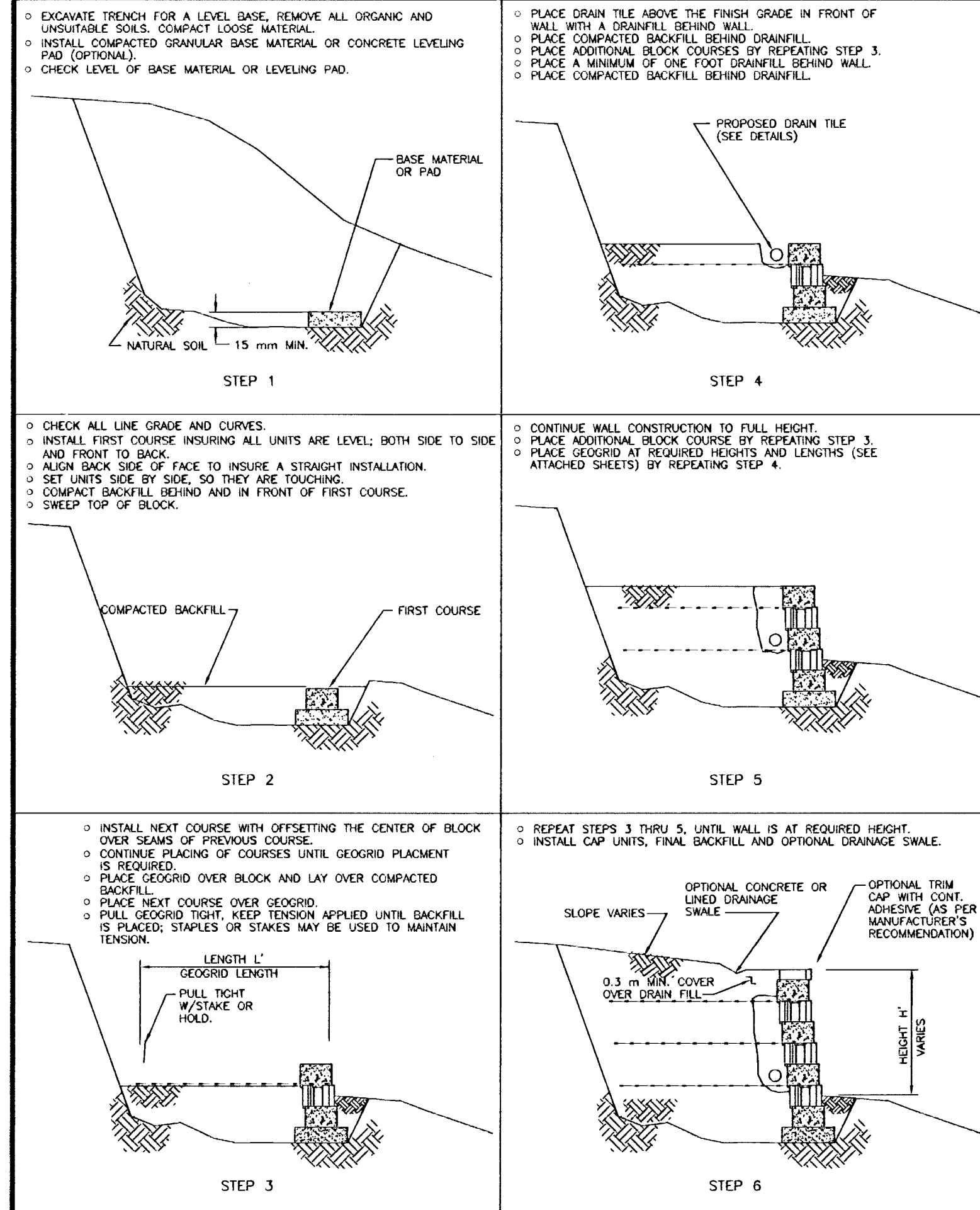


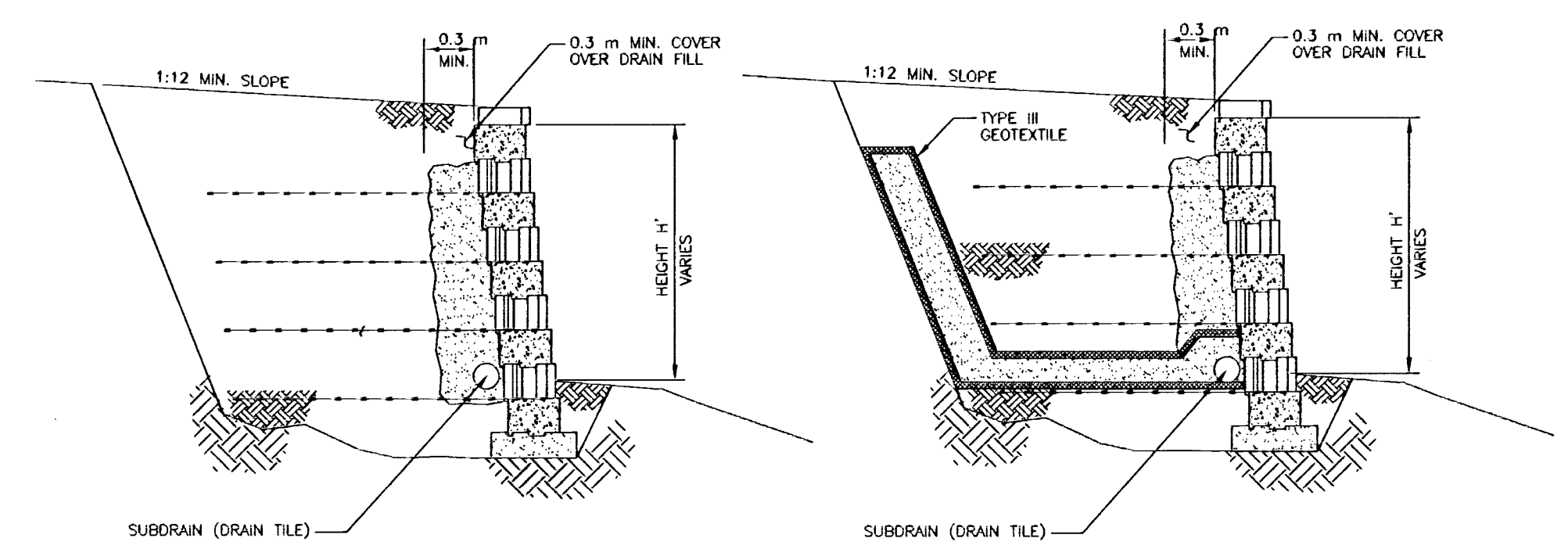
CONSTRUCTION SEQUENCE



TYPICAL CROSS SECTION
SCALE: NONE

H (m)	EMBEDMENT(mm) *
1.22	100 to 200
1.83	200 to 400
2.44	300 to 400
3.05	300 to 400
3.66	300 to 450
4.27	300 to 450
4.88	300 to 450
5.49	300 to 450
6.10	300 to 450
6.71	450
7.32	450

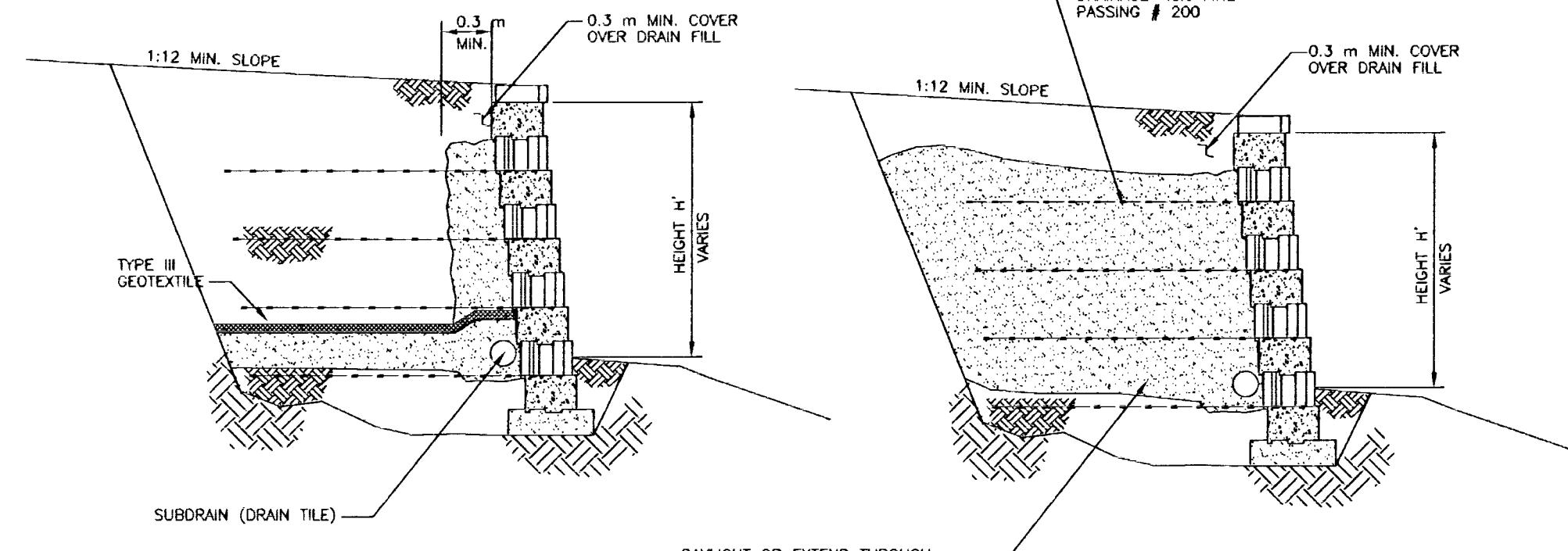
* DEPTH OF WALL MAY VARY FROM THAT SHOWN IN CHART. SLOPING FILLS IN FRONT AND BEHIND WALL OR FLOOR FOUNDATION SOILS WILL INCREASE EMBEDMENT OF WALL.



OPTION I
TYP. WALL FACE DRAINAGE
SCALE: NONE

OPTION II
EXTENDED WALL DRAINAGE
SCALE: NONE

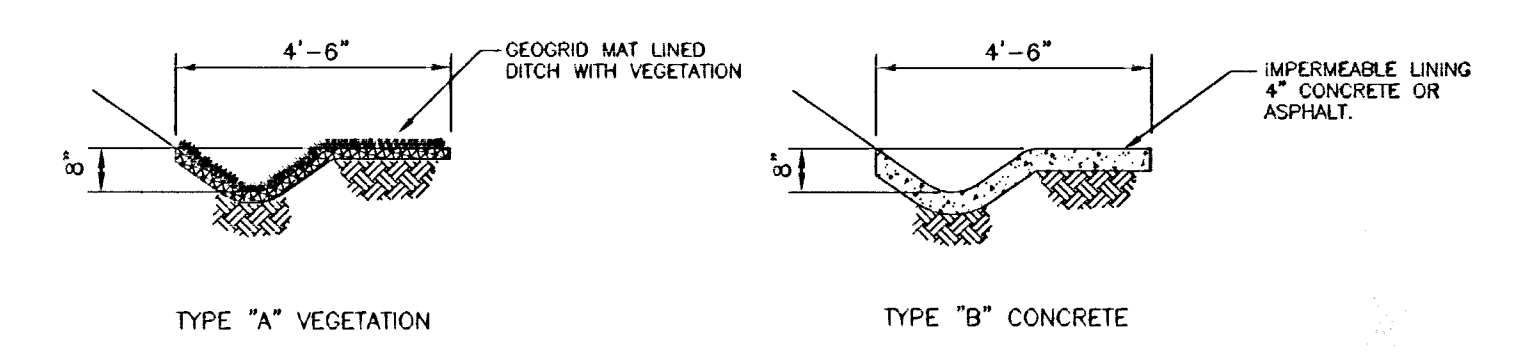
GENERAL NOTES
1. OPTION I IS USED IN MOST WALL APPLICATIONS, WHERE EXCESS WATER BUILDUP IS ANTICIPATED. OPTIONS II, III OR IV SHOULD BE CONSIDERED.
2. DRAINAGE FILL SHALL CONFORM TO THE SPECIFIC GRADATION REQUIREMENTS LISTED IN THE WRITTEN SPECIFICATIONS.



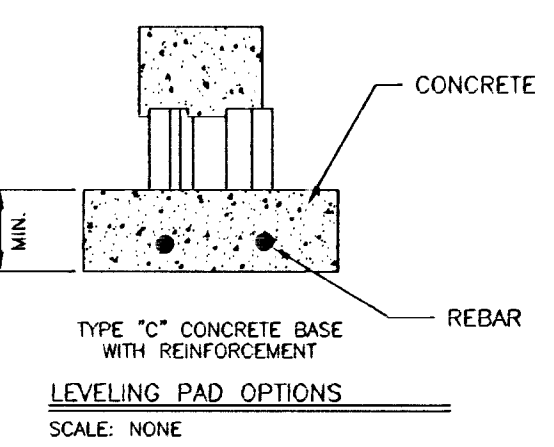
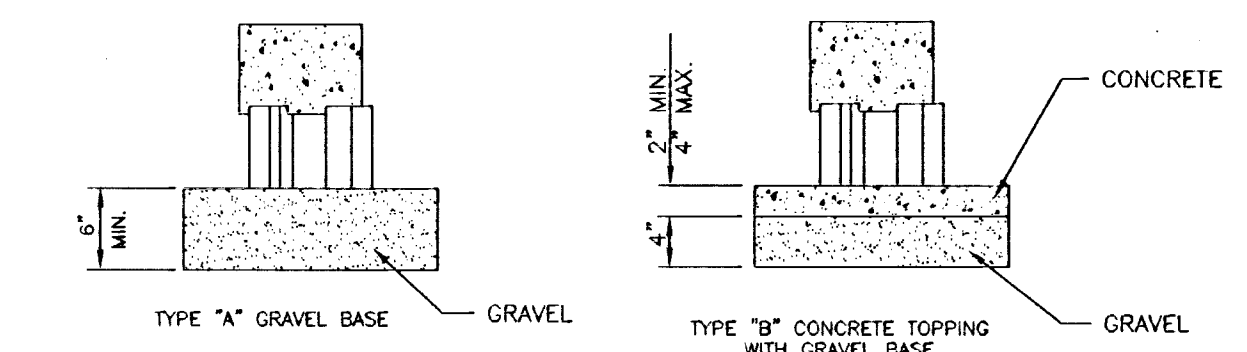
OPTION III
EXTENDED WALL DRAINAGE
SCALE: NONE

OPTION IV
TOTAL WALL FACE DRAINAGE
SCALE: NONE

REQUIRED TO DIVERT SURFACE RUNOFF FROM FLOWING OVER FACE OF WALL TO DIVERT WATER AWAY FROM BACK OF WALL AREA, AND FOR SAFETY CONSIDERATIONS.



DRAIN DITCH DETAIL
SCALE: NONE



LEVELING PAD OPTIONS
SCALE: NONE

Rock Road - 21st Street North to 29th Street North
Wall Details
City of Wichita

PROJECT NUMBER: 472-83889

kemiller engineering

KEM NO. 02042	FILE	DATE 3/1/2004	SHEET 3A
DESIGN	DRAWN	REVISED	OF 51

516 S. Market, Wichita, KS 67202 | 316/264-0242