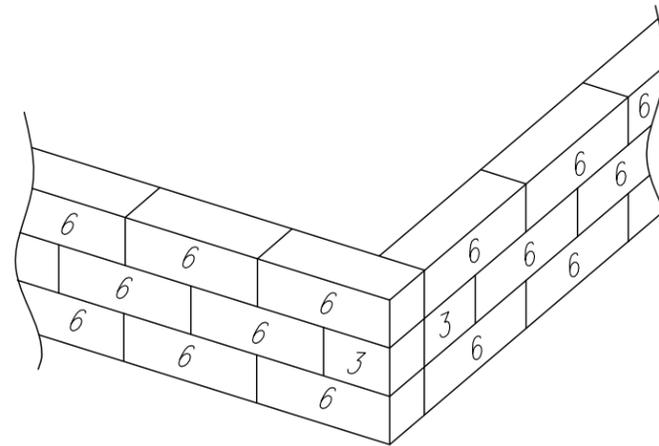


BLOCK SIDE VIEW

NOTES:

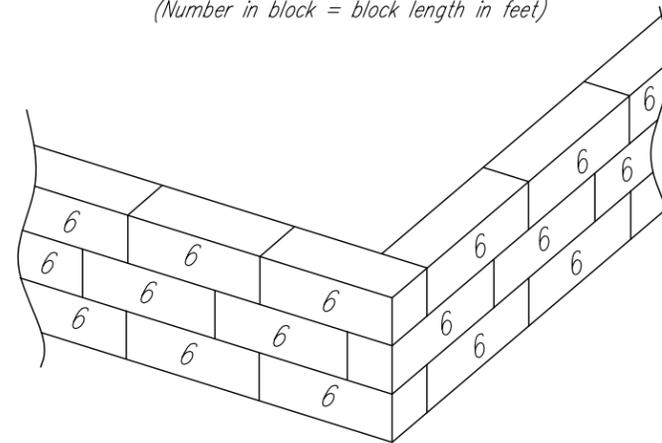
1. Backfill walls with granular non-cohesive material. A maximum of 5% by weight of the backfill material shall pass the #200 sieve. Backfill in horizontal layers not exceeding 4 inches in thickness before compaction.
2. Corners shall be constructed as shown above or as described in specification MI-161 Modular Concrete Block.
3. Modular concrete blocks shall be placed in a running bond pattern.

Dimensions in inches or feet-inches



OPTIONAL CORNER HALF BLOCK

(Number in block = block length in feet)



OPTIONAL CORNER OVERLAP

(Number in block = block length in feet)

DESIGN ASSUMPTIONS

1. Wall backfill side loading: 30 psf/ft. depth + surcharge @ 60 psf. (Granular soil material)
2. Holding area side loading: 65 psf/ft. depth.
3. Structure drainage condition: Full drainage behind wall.
4. Modular concrete block density = 145 pcf.
5. Minimum soil bearing capacity : 1500 psf.
6. Standard block size is 2' x 2' x 6'.

NOT TO SCALE

MICHIGAN ENGINEERING STANDARD DRAWING	
FILE NAME	MI-687-B 4-09.dwg
STANDARD DWG. NO.	MI-687-B
DATE	4-09
SHEET	1 OF 1

Date	
Designed	
Drawn	
Checked	
Approved	

6 FOOT MODULAR CONCRETE BLOCK WALL  
 3 TO 6 FOOT BACKFILL, GRAVEL FOUNDATION  
 Co., Michigan  
 Township, T. -R. , Sec.



File Name	
Drawing Name	
Sheet	of