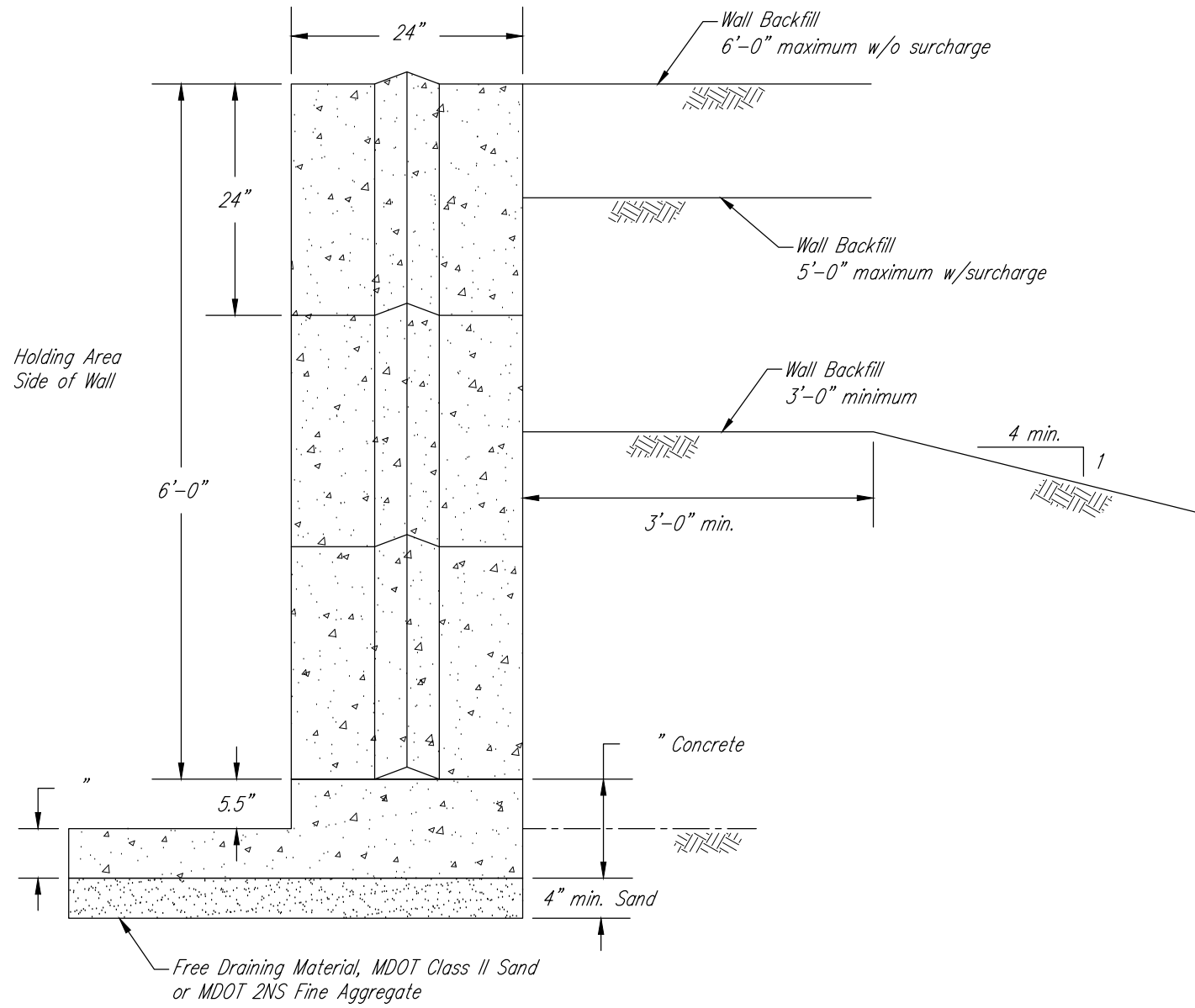
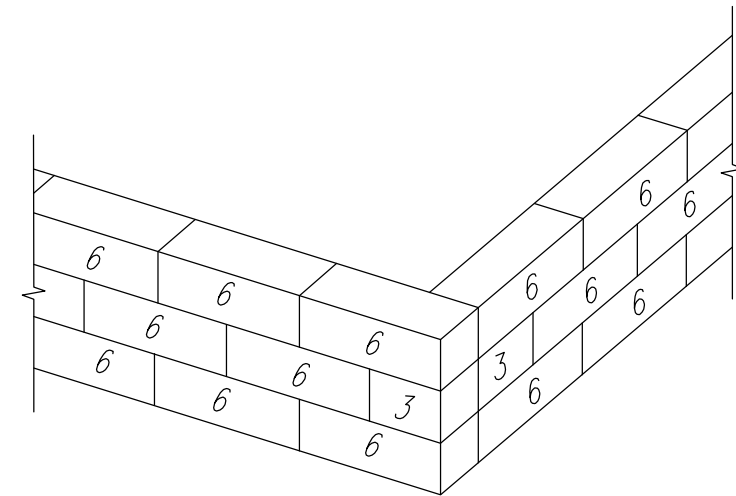




BLOCK SIDE VIEW

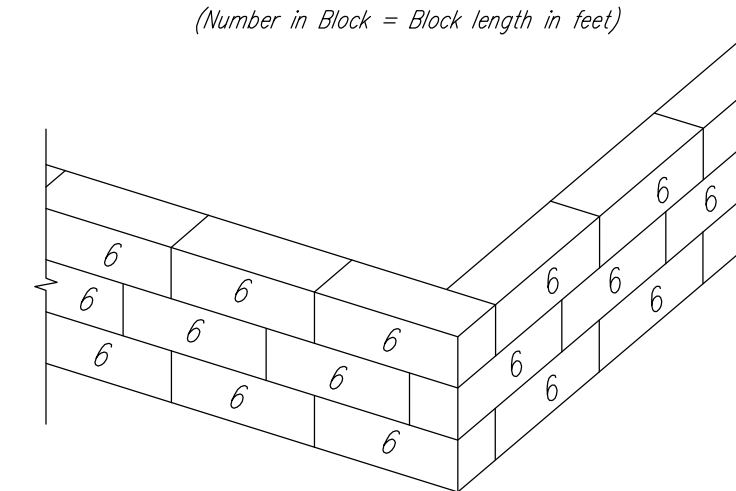
NOTES

1. Backfill walls with granular non-cohesive material, (SW, SP, GW, GP), a maximum of 5% passing the #200 sieve of the backfill material. Backfill in horizontal layers not exceeding 4 inches in thickness before compaction.
2. Construct corners as shown above or as described in Specification MI-161 Modular Concrete Block.
3. Place modular concrete blocks in a running bond pattern.
4. Shape surrounding ground to direct runoff away from the facility.



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'.

MICHIGAN ENGINEERING STANDARD DRAWING		
FILE NAME MI-686-B 8-18		
STANDARD DWG. NO. MI-686-B 8-18		
DATE 8-18	SHEET 1	OF 1

Dimensions in inches or feet-inches

Not to Scale

Date	_____
Designed	_____
Drawn	_____
Checked	_____
Approved	_____
6 Foot Modular Concrete Block Wall, Concrete Foundation	
Co., Michigan	
Township, T. _____ -R. _____, Sec. _____	
United States Department of Agriculture	
USDA Natural Resources Conservation Service	
File Name	
Drawing Name	
Sheet _____ of _____	