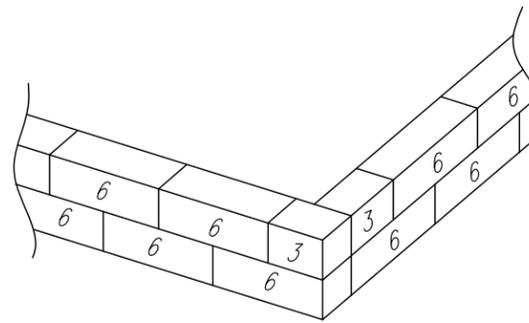
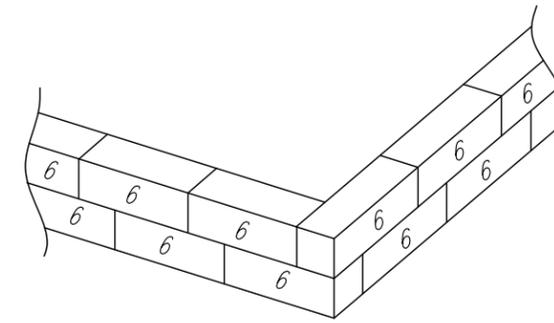


BLOCK SIDE VIEW



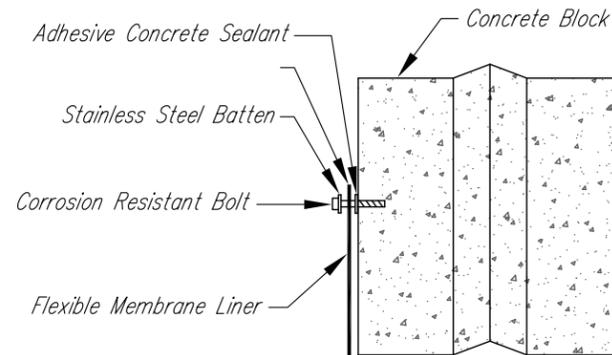
OPTIONAL CORNER HALF BLOCK

(Number in block = block length in feet)

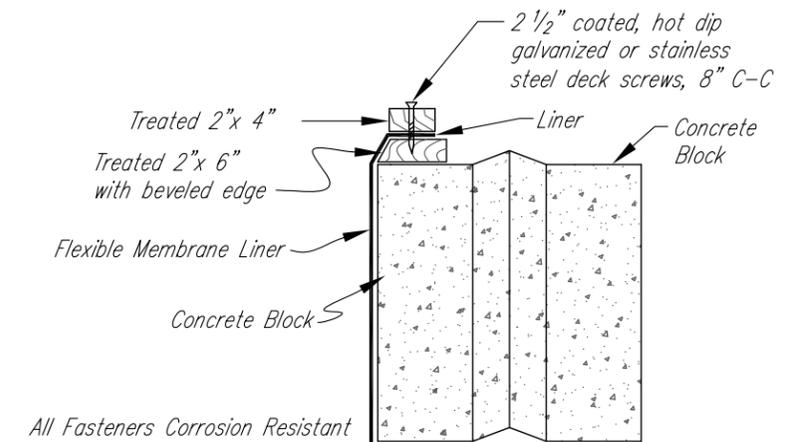


OPTIONAL CORNER OVERLAP

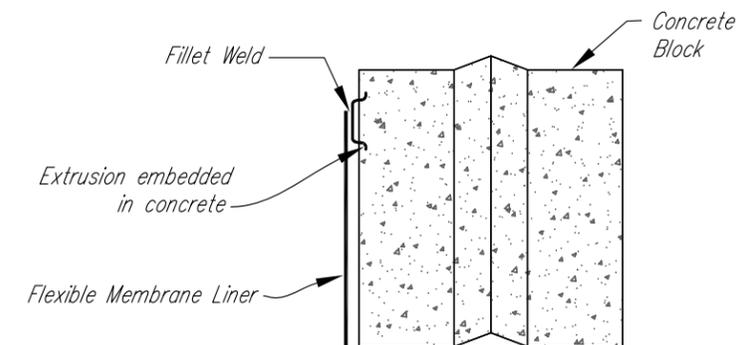
(Number in block = block length in feet)



BATTEN ATTACHMENT



TREATED TIMBER ATTACHMENT



EXTRUSION WELD ATTACHMENT

DESIGN ASSUMPTIONS

1. Wall backfill side loading: 30 psf/ft. depth + surcharge @ 60 psf. (Granular soil material)
2. Holding area side loading: 80 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'.

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.
4. Use of a compacted sand base or a non-woven geotextile fabric under the geo-membrane is recommended. The liner attachment options above may be used to secure the flexible membrane liner to the blocks. Installer shall install the liner consistent with manufacturer's recommendations.

Dimensions in inches or feet-inches

MICHIGAN ENGINEERING STANDARD DRAWING	
FILE NAME	MI-689-B 9-09.dwg
STANDARD DWG. NO.	MI-689-B
DATE	9-09
SHEET	1 OF 1

NOT TO SCALE

Designed	(name)	Date	(Date)
Drawn	(name)	Date	(Date)
Checked	(name)	Date	(Date)
Approved	(name)	Date	(Date)

AHF MODULAR CONCRETE BLOCK WALL
 4 FOOT HEIGHT, GRAVEL FOUNDATION
 (Co.) Co., Michigan
 (Twp.) Township, T. (#) -R. (#.), Sec. (No.)



File Name	(folder)
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