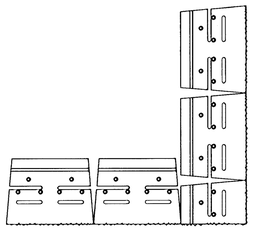


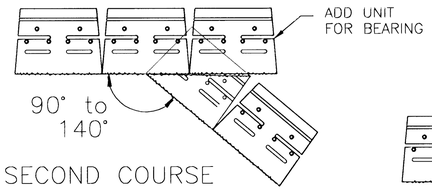
FIRST COURSE



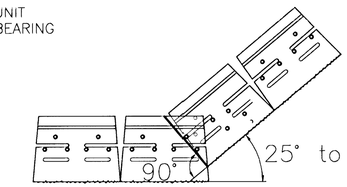
SECOND COURSE

CORNER DETAIL A

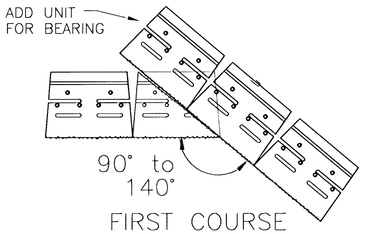
90 DEGREE OUTSIDE CORNER
SCALE: NONE



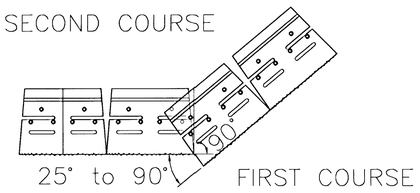
SECOND COURSE



SECOND COURSE



FIRST COURSE
INSIDE CORNER

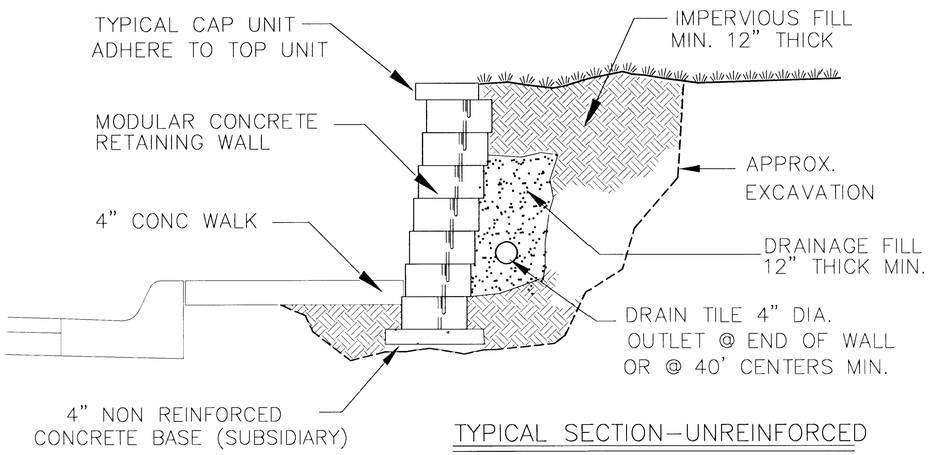


FIRST COURSE

OUTSIDE CORNER

CORNER DETAIL B

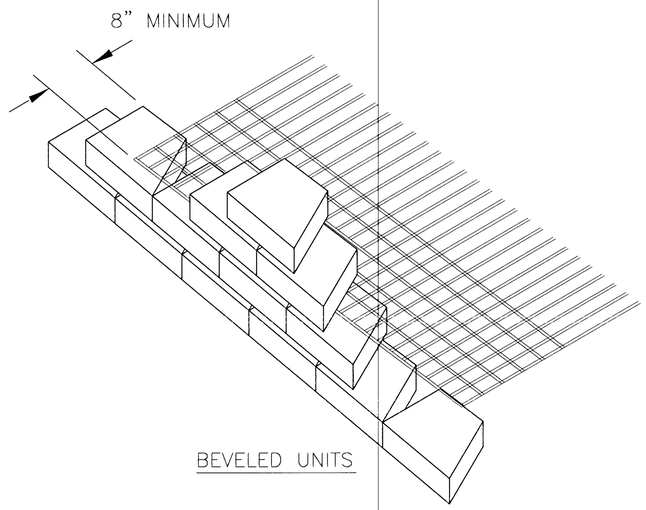
OBLIQUE ANGLE CORNERS
SCALE: NONE



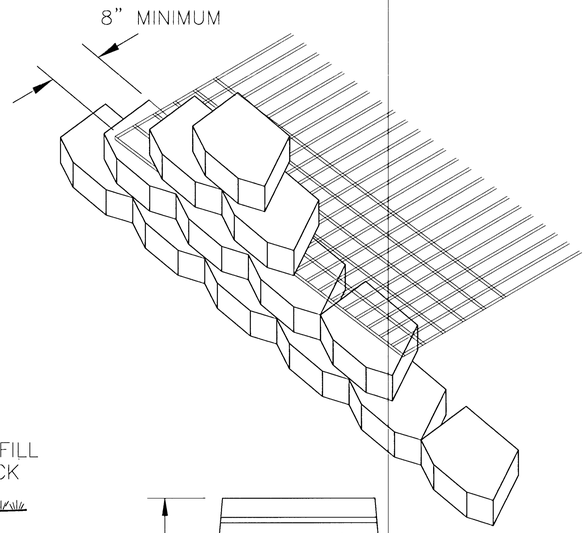
TYPICAL SECTION–UNREINFORCED

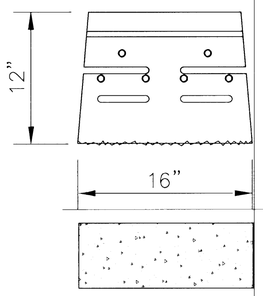
MODULAR CONCRETE
RETAINING WALL
SCALE: NONE

STRAIGHT UNITS

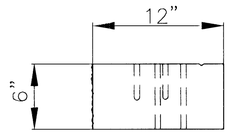


BEVELED UNITS

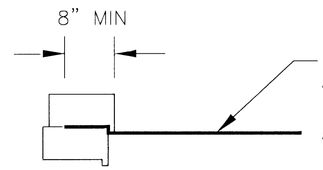




TYPICAL UNIT

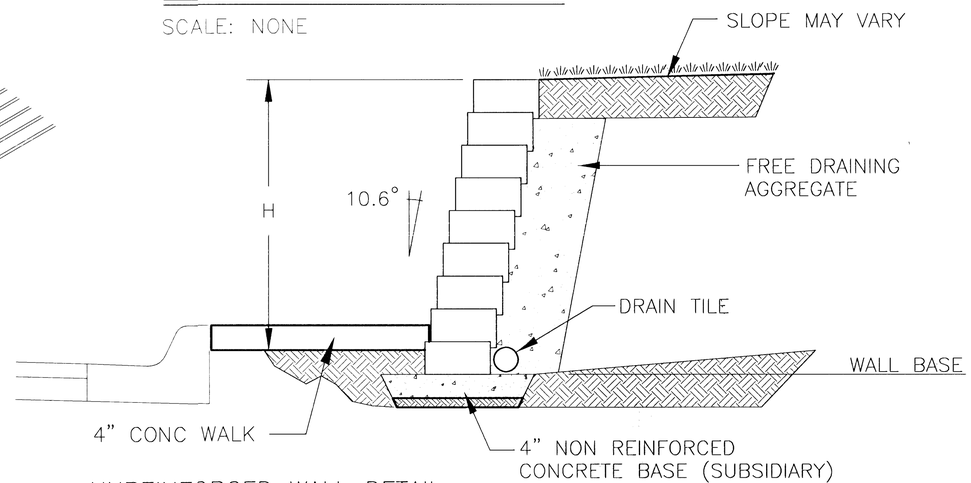


UNIT DIMENSIONS
SCALE: NONE



CONNECTION DETAIL

SCALE: NONE



UNREINFORCED WALL DETAIL

SCALE: NONE

GENERAL NOTES

1. STRIP ALL VEGETATION AND ORGANIC SOIL FROM THE WALL AND GRID ALIGNMENT.
2. BENCH CUT ALL EXCAVATED SLOPES.
3. DO NOT OVER EXCAVATE UNLESS DIRECTED BY SITE SOIL ENGINEER TO REMOVE UNSUITABLE SOIL.
4. SITE SOIL ENGINEER SHALL VERIFY FOUNDATION SOILS AS BEING COMPETENT PER THE DESIGN STANDARDS AND PARAMETERS.
5. BASE SHALL CONSIST OF NON–REINFORCED CONCRETE MINIMUM 4" THICK
6. CAPSTONE AND TOPCOURSE SHALL BE GLUED USING WEATHER PROOF CONSTRUCTION ADHESIVE, LIQUID NAILS OR APPROVED OTHER.
7. MINIMUM EMBEDMENT OF WALL BELOW FINISH GRADE SHALL BE 12" FOR WALL HEIGHTS FROM 4' AND UP, 6" BELOW 4' UNLESS SHOWN DIFFERENTLY.
8. FOLLOW APPLICABLE PROVISIONS OF THE MANUFACTURERS INSTALLATION INSTRUCTIONS AND AASHTO SPECIFICATIONS.
9. DRAINAGE FILL 12" THICK SHALL BE INSTALLED BEHIND THE WALL TO WITHIN 18" OF THE TOP OF THE WALL.
10. WHERE DRAIN TILE IS USED PROVIDE OUTLETS @ MIN. 40' CC.
11. BACKFILL AND COMPACT IN FRONT OF THE WALL AS WALL IS INSTALLED.
12. COMPACTION TESTS SHALL BE TAKEN AS THE WALL IS INSTALLED. THE MINIMUM NUMBER OF TESTS SHALL BE DETERMINED BY THE SITE SOILS ENGINEER.
13. COMPACTION SHALL BE TO 95% OF MAXIMUM STANDARD PROCTOR DENSITY.
14. SEE ELEVATION FOR GEOGRID TYPE, LENGTH AND LOCATION IF REQUIRED.
15. GEOGRID SHALL BE THE TYPE AND LENGTH AS SHOWN. PULL GEOGRID TIGHT PRIOR TO BACKFILLING.
16. PROVIDE LATERAL DRAINAGE SWALES TO DIRECT FLOWS AROUND THE ENDS OF THE WALL.
17. ESTABLISH TURF AS SOON AS THE WALL IS COMPLETED.
18. FINAL WALL ALIGNMENT SHALL BE LOCATED IN THE FIELD.

IF DIFFERENT CONDITIONS EXIST, THE CONTRACTOR MUST CONTACT THE FIELD ENGINEER PRIOR TO CONSTRUCTION OF THE RETAINING WALL.

PROJECT NUMBER		SHEET NAME	ENGINEERING DIRECTORY		
472-76-245-83324		Retwalldetail	F:\Eng\Hydraulic\Details		
DESIGN	DRAWN	APPROVED	DATE	SCALE	BAUGHMAN NO
JFB	STAFF	JFB	Sept. 2002	Noted	99-09-E450

CAPITAL IMPROVEMENT PROJECT

RETAINING WALL DETAILS

HYDRAULIC AVENUE PAVING - 47TH STREET SOUTH TO MACARTHUR ROAD

BAUGHMAN COMPANY, P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211