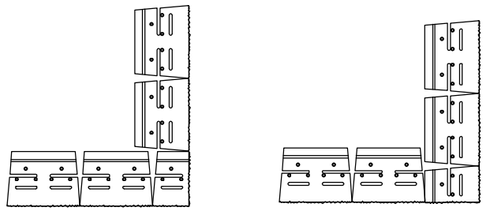
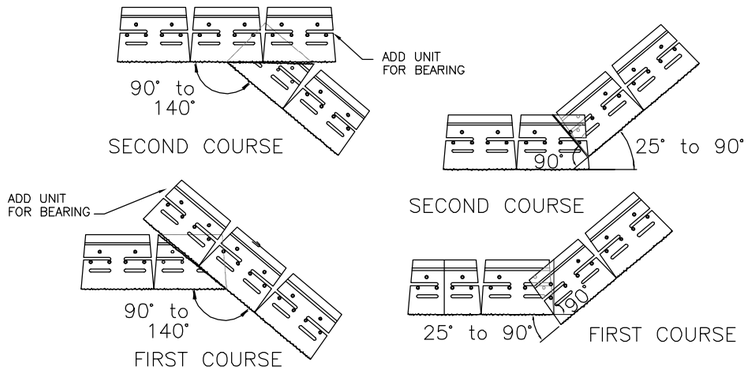
FHWA REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87 N-0226-01	2006	10	118



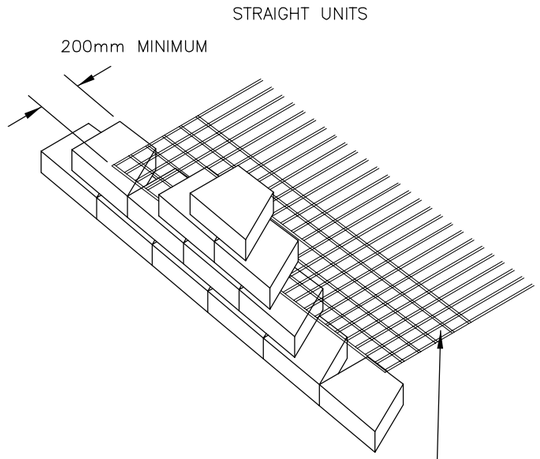
CORNER DETAIL A

90 DEGREE OUTSIDE CORNER
SCALE: NONE

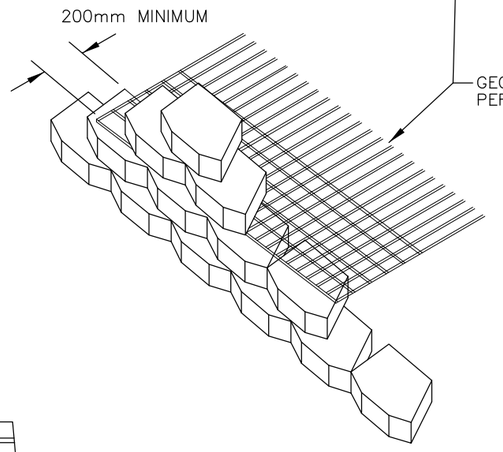


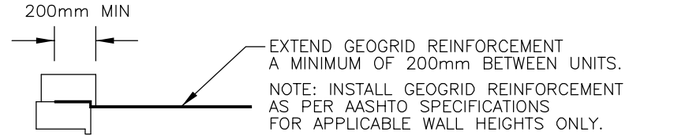
CORNER DETAIL B

OBLIQUE ANGLE CORNERS
SCALE: NONE



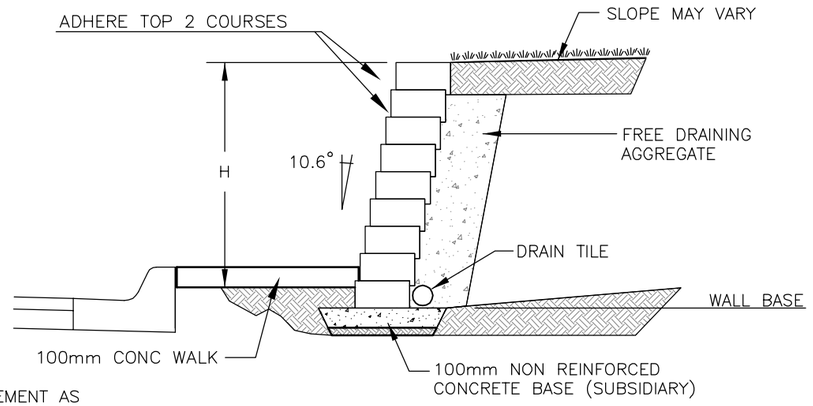
BEVELED UNITS





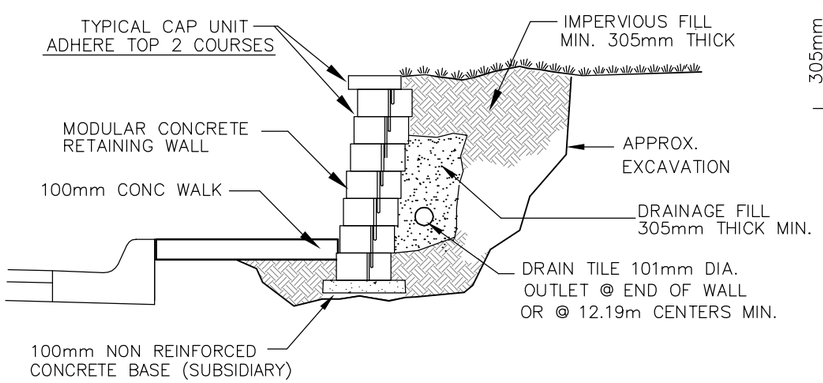
CONNECTION DETAIL

SCALE: NONE



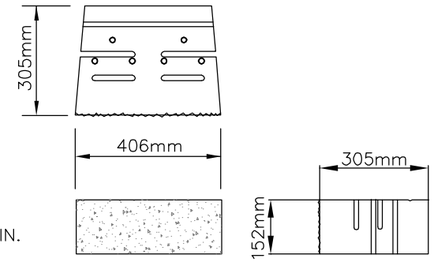
UNREINFORCED WALL DETAIL

SCALE: NONE



TYPICAL SECTION–UNREINFORCED

MODULAR CONCRETE RETAINING WALL
SCALE: NONE



TYPICAL UNIT

UNIT DIMENSIONS
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 100mm THICK
6. ~~CONTRACTOR MAY OPT FOR A CONCRETE FOOTING. CONCRETE FOOTING SHALL BE UNREINFORCED, DEPTH OF CONCRETE (APPROXIMATELY 1" TO 2") AND COMPACTED SOIL BASE SHALL NOT BE LESS THAN 6" THICK.~~
7. MINIMUM EMBEDMENT OF WALL BELOW FINISH GRADE SHALL BE 300mm FOR WALL HEIGHTS FROM 1.2m AND UP, 150mm BELOW 1.2m UNLESS SHOWN DIFFERENTLY.
8. FOLLOW APPLICABLE PROVISIONS OF THE MANUFACTURERS INSTALLATION INSTRUCTIONS AND AASHTO SPECIFICATIONS.
9. DRAINAGE FILL 300mm THICK SHALL BE INSTALLED BEHIND THE WALL TO WITHIN 450mm OF THE TOP OF THE WALL.
10. WHERE DRAIN TILE IS USED PROVIDE OUTLETS @ MIN. 12.2m CC.
11. BACKFILL AND COMPACT IN FRONT OF THE WALL AS WALL IS INSTALLED.
12. THE TOP TWO (2) COURSES OF THE WALL SHALL BE GLUED IN PLACE WITH AN APPROVED ALL WEATHER ADHESIVE.
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.

KDOT METRIC

PROJECT NUMBER	SHEET NAME	ENGINEERING DIRECTORY
472-83862	RETDTL	F:\\Hillside\Details

DESIGN	DRAWN	APPROVED	DATE	SCALE	BAUGHMAN NO
STAFF	STAFF	JFB	May 2006	None	01-03-E947

CAPITAL IMPROVEMENT PROJECT

RETAINING WALL DETAIL

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

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