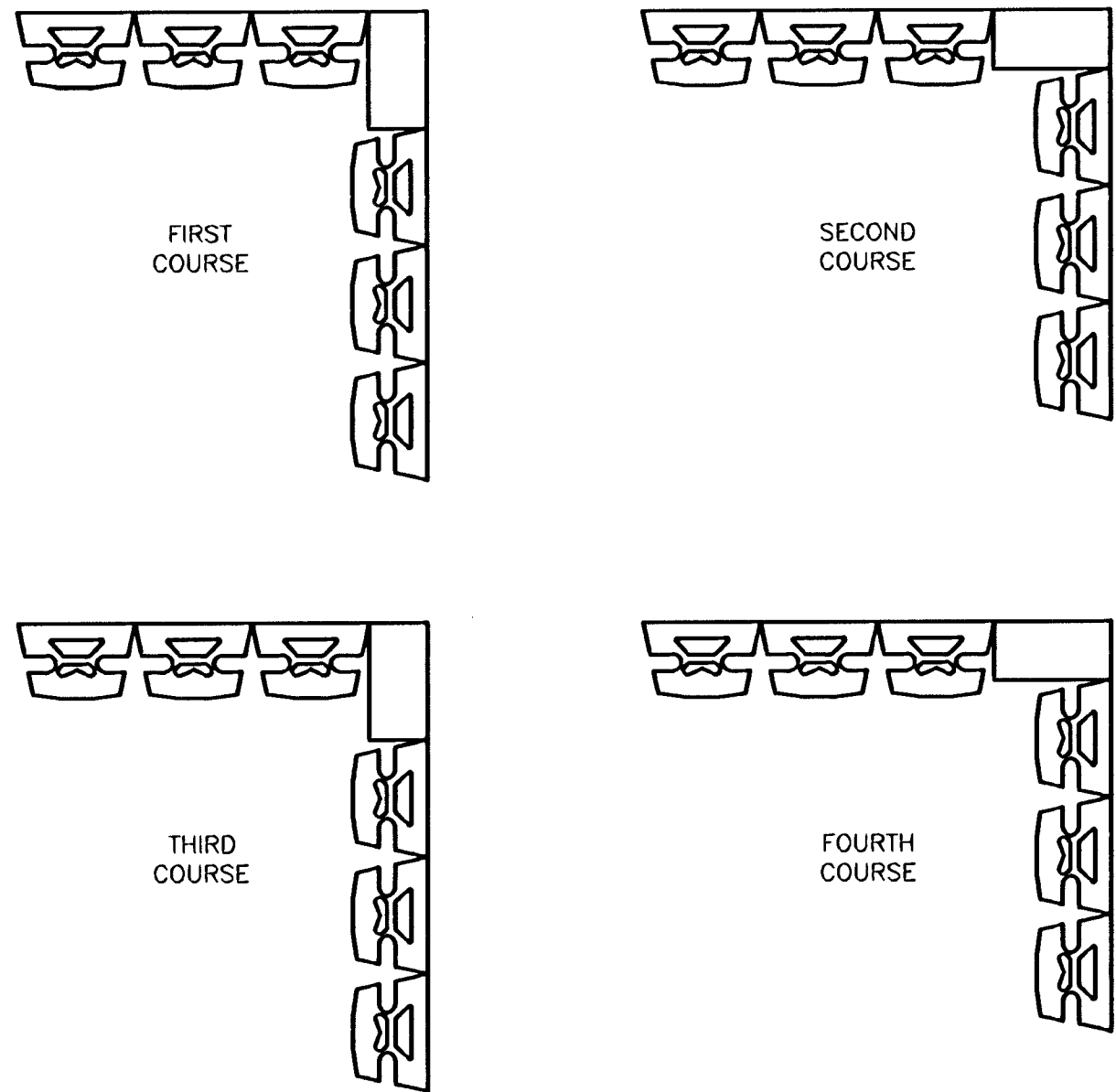
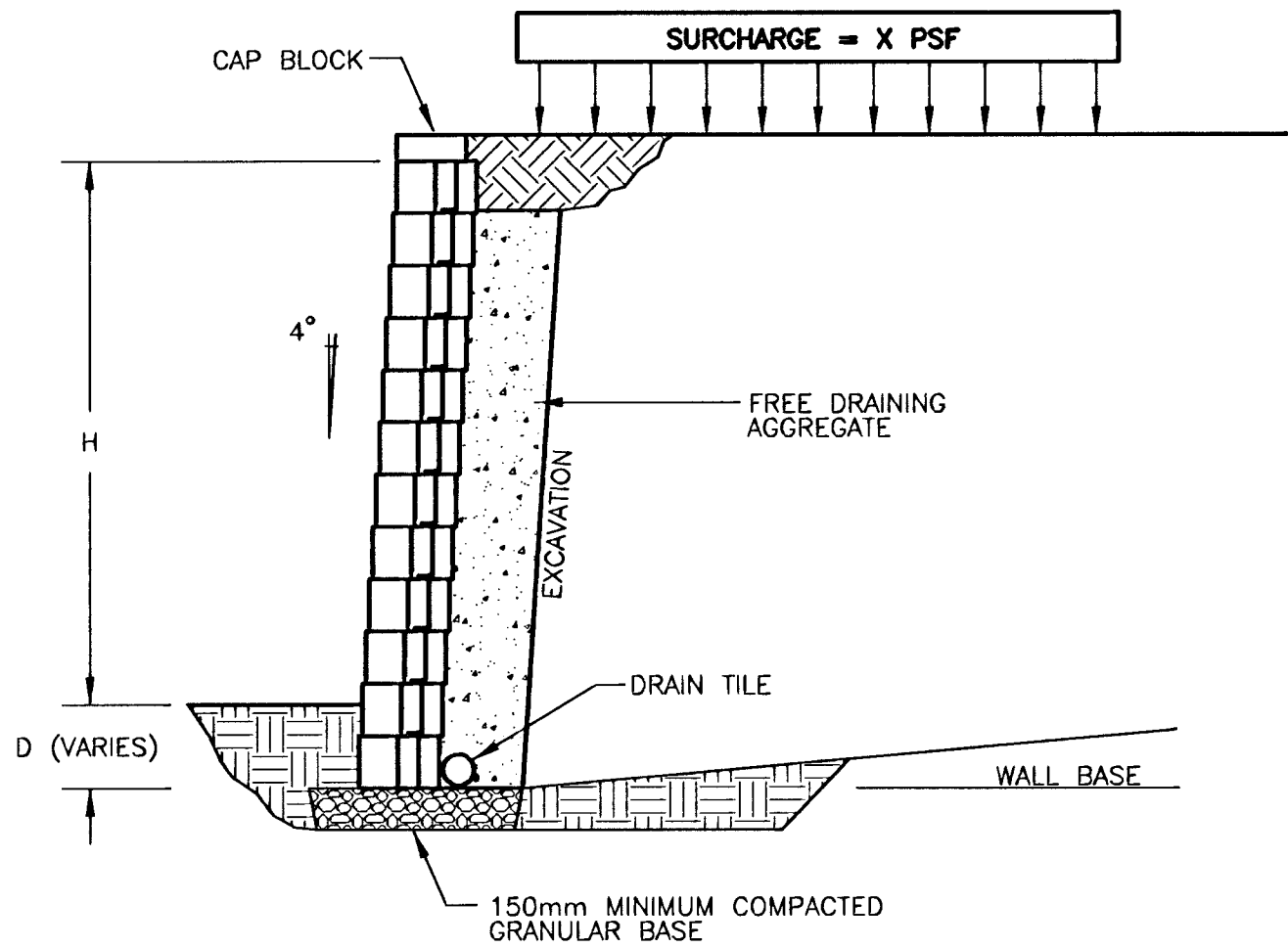


DATE	
BY	
REFERENCES NOTED	
REFERENCES CHECKED	

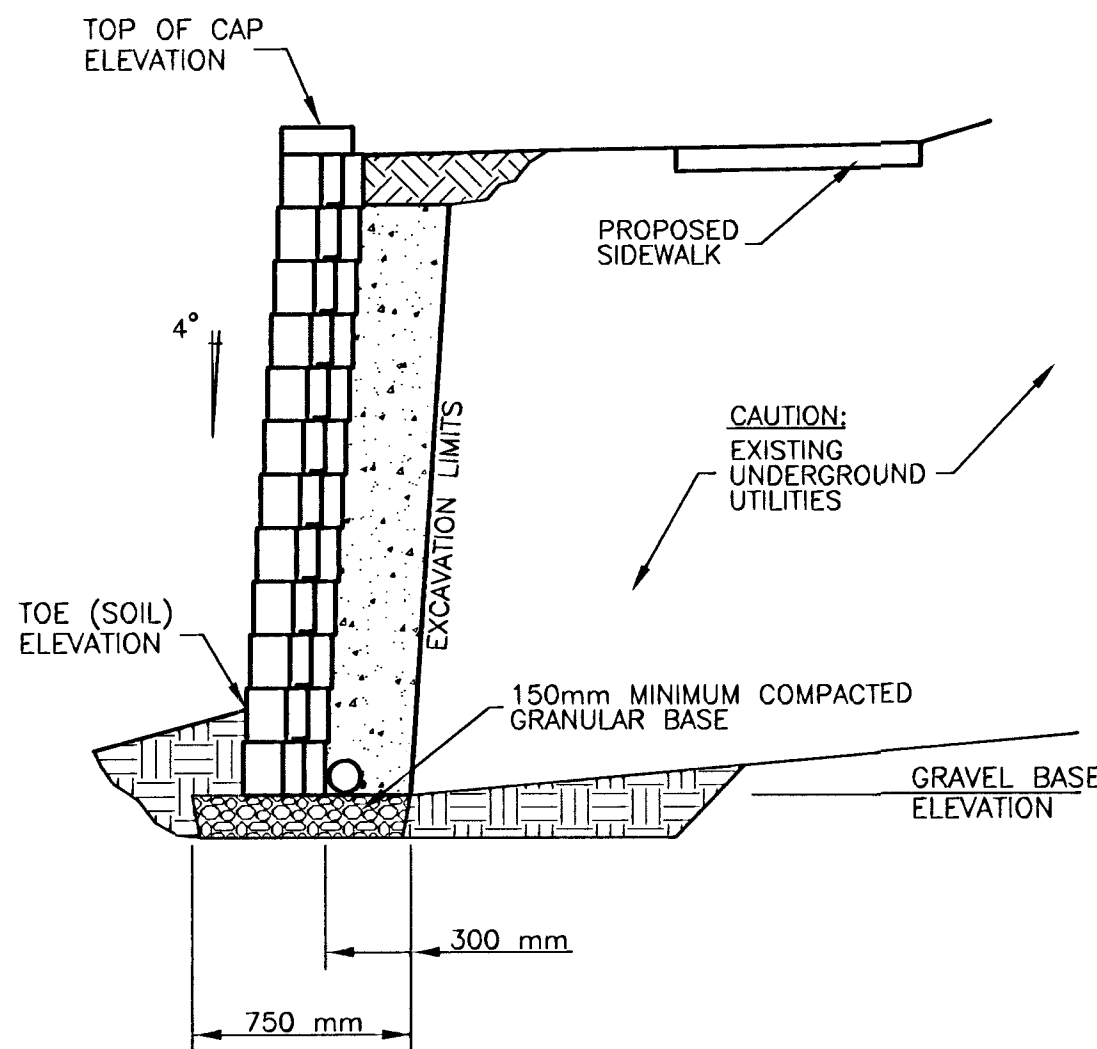


ANCHOR VERTICA/VERTICA PRO CORNER UNIT

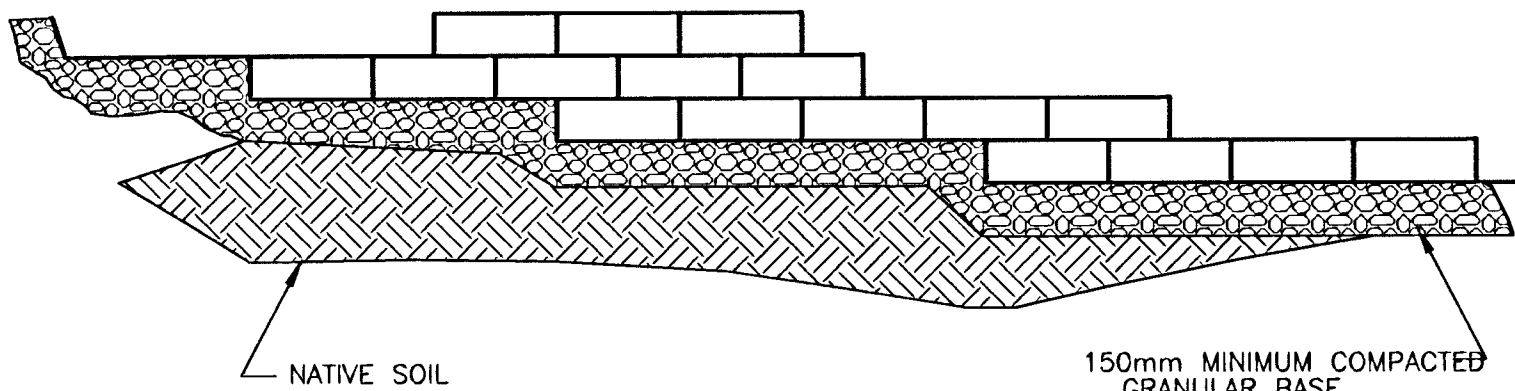
ANCHOR VERTICA – STRAIGHT UNITS
TYPICAL 90° OUTSIDE CORNERS



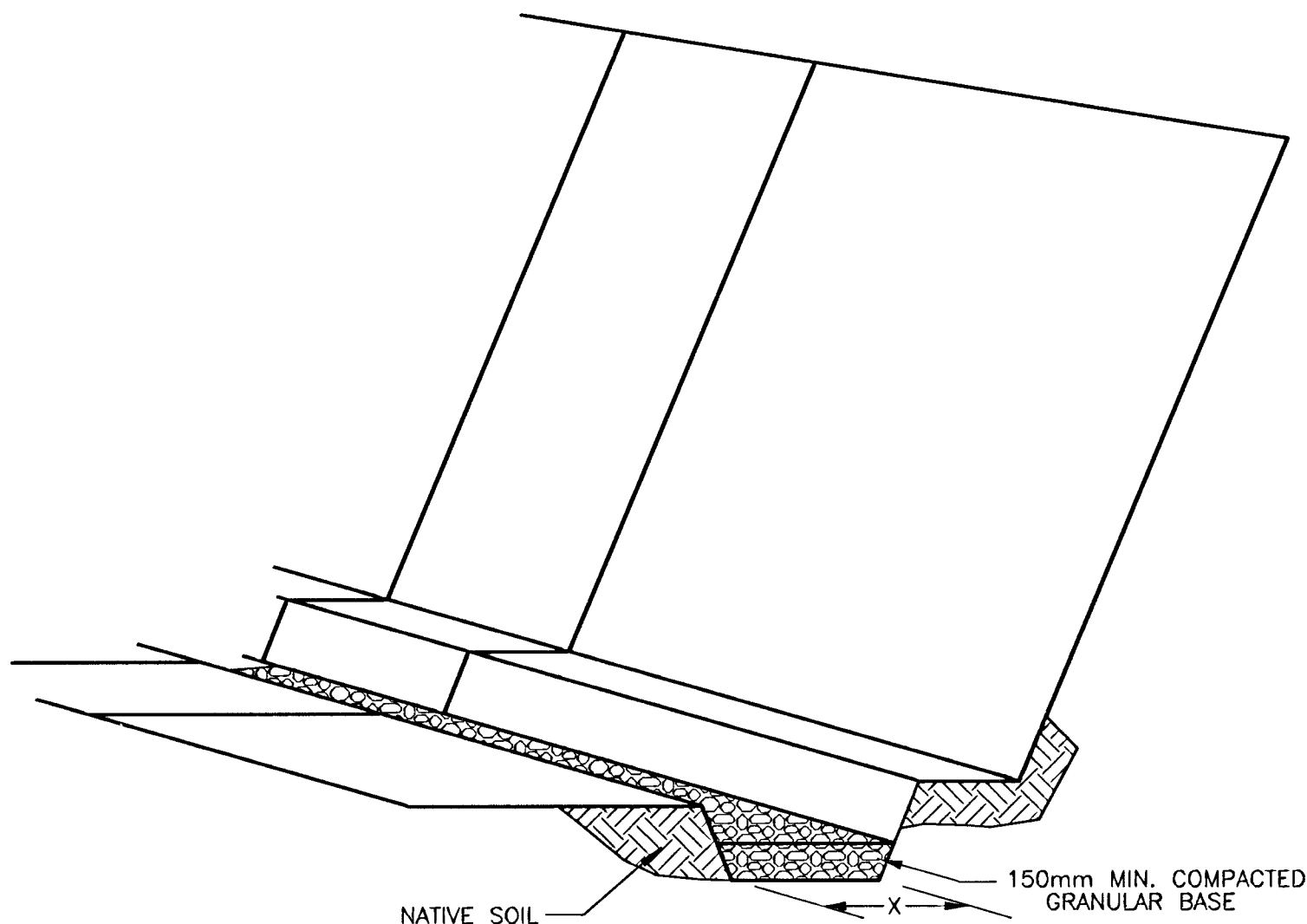
ANCHOR VERTICA – SURCHARGE BEHIND WALL



ANCHOR VERTICA – DIMENSIONS

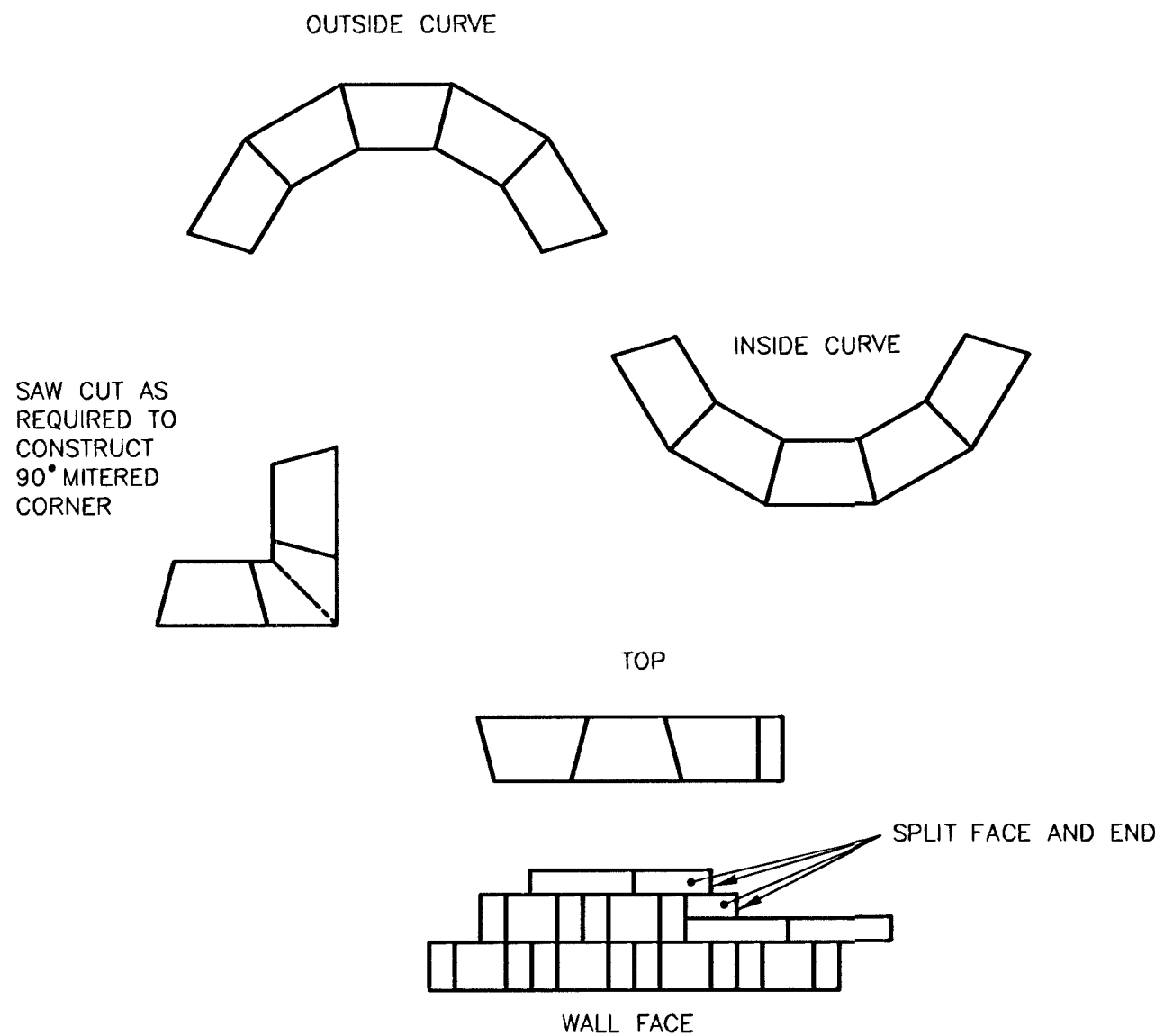


TYPICAL STEP-UP DETAIL
(ALL PRODUCTS)



NOTE: X IS DEPENDENT ON ANCHOR PRODUCT USED.

TYPICAL BASE PREPARATION
(ALL PRODUCTS)



- NOTES:
1. USE ADHESIVE TO SECURE CAPS IN PLACE
 2. ALTERNATE SHORT AND LONG CAP FACES EVERY OTHER CAP TO ACHIEVE A STRAIGHT WALL
 3. VARIOUS COMBINATIONS OF LONG AND SHORT CAP FACES WIL BE NECESSARY FOR RADII GREATER THAN THE MINIMUM
 4. CUT CAPS TO FIT
 5. ALWAYS START CAPPING WALL FROM LOWEST ELEVATION

ANCHOR VERTICA/VERTICA PRO
DESIGN DETAILS – CAP BLOCK

FHWA REGION NO.	STATE	PROJECT NUMBER	FISCAL YEAR	SHEET NUMBER	TOTAL SHEETS
7	KANSAS	871E-0115-01	1997	36	49

ANCHOR WALL DESIGN DETAILS

STRUCTURE SUMMARY
WALL TYPE: GRAVITY STRUCTURE
ANCHOR WALL UNIT TYPE: ANCHOR VERTICA (8 in)
CAP UNIT: YES
REINFORCEMENT: NONE

DESIGN SUMMARY
DESIGN METHOD: NCMA

SOIL DATA
RETAINED SOIL: BROWN SILT LOAM
LEVELING PAD SOIL: GRAVEL
FOUNDATION SOIL: BROWN SILTY CLAY LOAM

ANCHOR WALL UNITS
STANDARD UNITS
UNIT HEIGHT (mm): 203
UNIT WIDTH (mm): 292
UNIT LENGTH (mm): 457.2
SETBACK (mm): 14.27
WEIGHT (infield) (kg): 56.7
UNIT WEIGHT (infield) (kN/m³): 20.5
CENTER OF GRAVITY (mm): 146.1

CAP UNITS
UNIT HEIGHT (mm): 102
UNIT WIDTH (mm): 254
UNIT LENGTH (mm): 371.6
SETBACK (mm): NONE
WEIGHT (infield) (kg): 19.1
UNIT WEIGHT (infield) (kN/m³): 19.48
CENTER OF GRAVITY (mm): 127

NOTE: SIMILAR TYPE SEGMENTAL RETAINING WALL BY ALTERNATE MANUFACTURERS MAY BE USED WITH THE PERMISSION OF THE ENGINEER. CONTRACTOR MUST SUBMIT DESIGN CRITERIA AND DETAILS TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.

K96 BIKEPATH - GROVE PARK TO OLIVER SEGMENTAL RETAINING WALL					
	324 NORTH MAIN WICHITA, KANSAS 67203 http://www.feist.com/~srb		316-264-0000 FAX 264-4621 E-Mail: srb@feist.com		PROJECT 36
	SAVOY, RUGGLES & BOHM, P.A. ENGINEERING & SURVEYING				
PROJECT NUMBER .					
DRAWN JTS	DESIGN TCR	REVIEW .	DATE June 27, 2001	UTILITY .	SRB JOB 1554T
REVISIONS					49
REVISIONS					