STEP 1
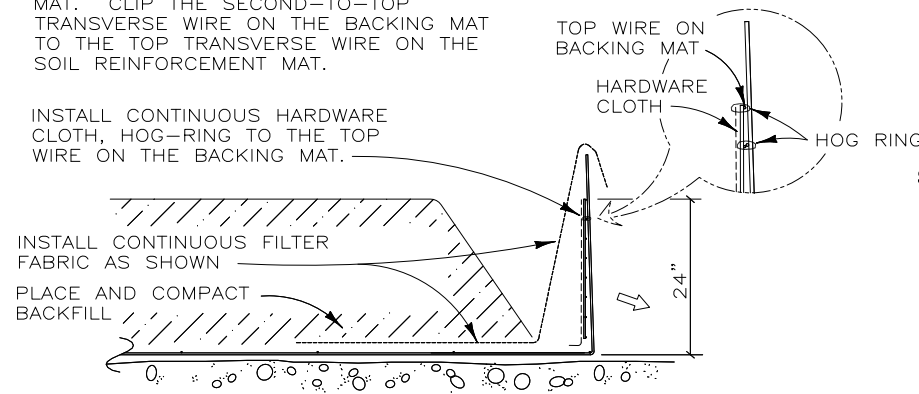PLACE THE FIRST COURSE OF SOIL REINFORCEMENT MATS ON PREPARED FOUNDATION

STEP 2
PLACE THE BACKING MAT AGAINST THE INSIDE FACE OF THE SOIL REINFORCEMENT MAT. CLIP THE SECOND-TO-TOP TRANSVERSE WIRE ON THE BACKING MAT TO THE TOP TRANSVERSE WIRE ON THE SOIL REINFORCEMENT MAT.

INSTALL CONTINUOUS HARDWARE CLOTH, HOG-RING TO THE TOP WIRE ON THE BACKING MAT.
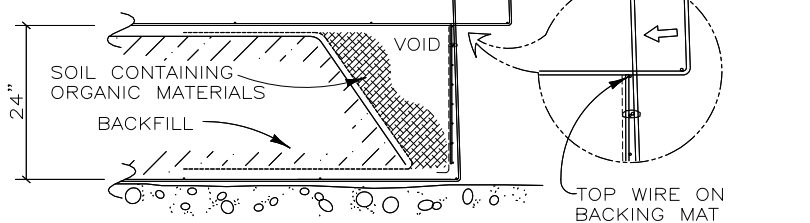
INSTALL CONTINUOUS FILTER FABRIC AS SHOWN

PLACE AND COMPACT BACKFILL

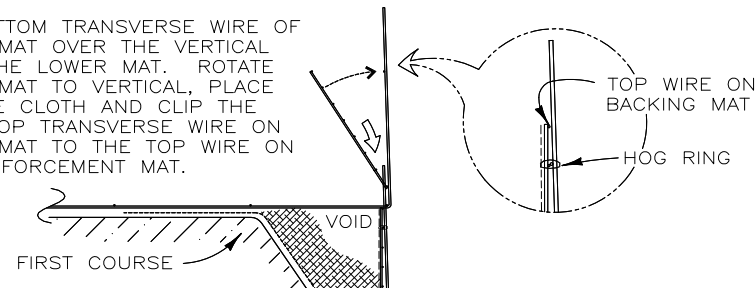TOP WIRE ON BACKING MAT
HARDWARE CLOTH
HOG RING
24"

STEP 3
BRING THE FILTER FABRIC OVER THE FRONT AND TOP OF THE BACKFILL AS SHOWN. PLACE THE SOIL IN THE FACE OF THE WALL. LEAVE A VOID AS SHOWN.

PLACE THE SECOND COURSE OF SOIL REINFORCEMENT MATS WITH THE BASE LONGITUDINAL WIRES RESTING ON THE TOP TRANSVERSE WIRE OF THE BACKING MAT BELOW. SLIDE THE SOIL REINFORCEMENT MAT INTO ALIGNMENT.
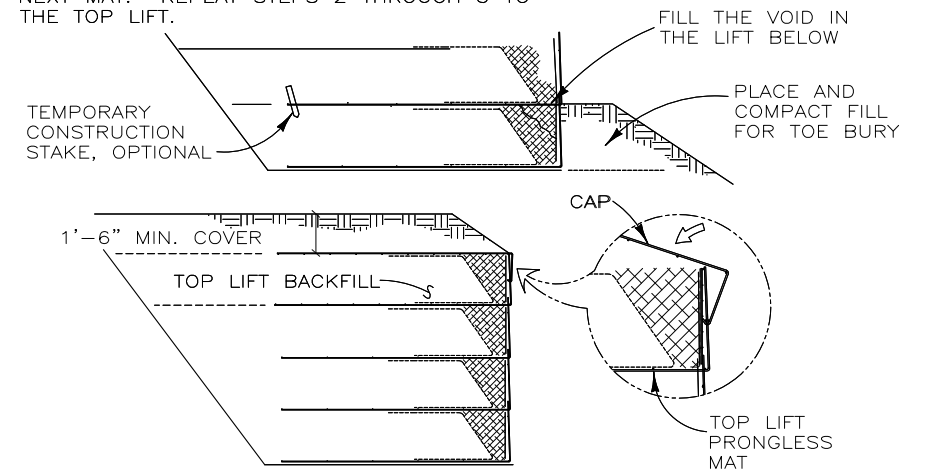
SECOND COURSE SOIL REINFORCEMENT MAT

24"
SOIL CONTAINING ORGANIC MATERIALS
BACKFILL
VOID
TOP WIRE ON BACKING MAT

STEP 4
HOOK THE BOTTOM TRANSVERSE WIRE OF THE BACKING MAT OVER THE VERTICAL PRONGS ON THE LOWER MAT. ROTATE THE BACKING MAT TO VERTICAL, PLACE THE HARDWARE CLOTH AND CLIP THE SECOND-TO-TOP TRANSVERSE WIRE ON THE BACKING MAT TO THE TOP WIRE ON THE SOIL REINFORCEMENT MAT.
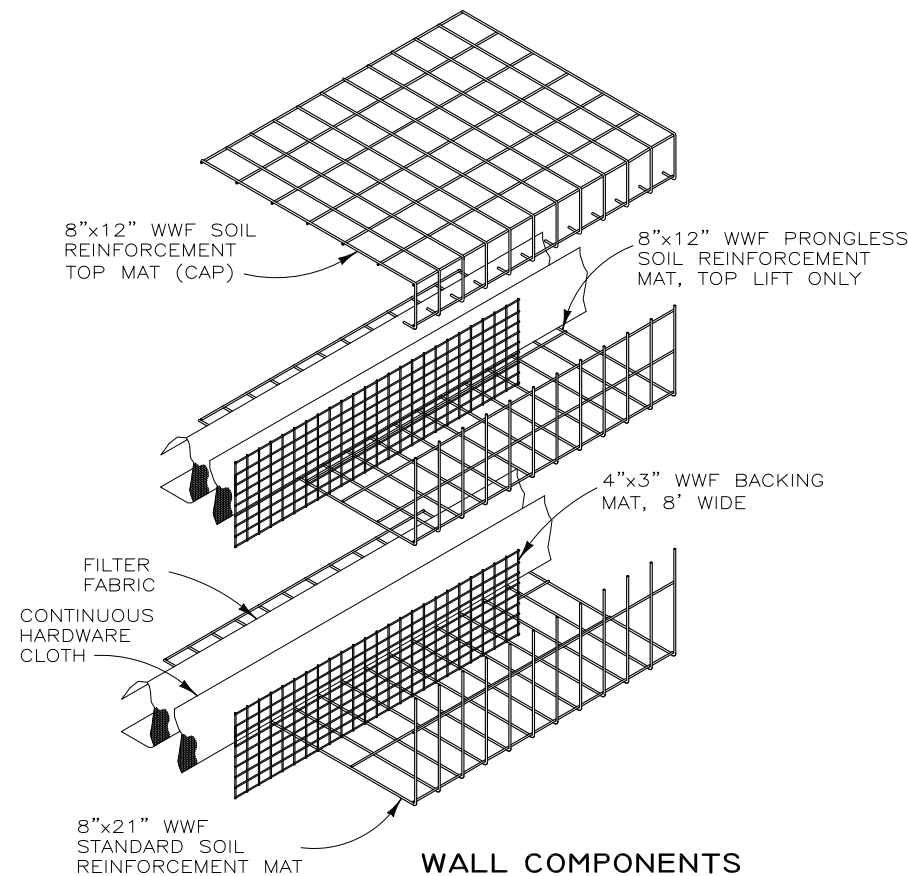
TOP WIRE ON BACKING MAT
HOG RING
FIRST COURSE
VOID

STEP 5
INSTALL THE FILTER FABRIC AS IN STEPS 2 AND 3. PLACE AND COMPACT THE BACKFILL AND ROCK TO THE BASE ELEVATION OF THE NEXT MAT. REPEAT STEPS 2 THROUGH 5 TO THE TOP LIFT.

TEMPORARY CONSTRUCTION STAKE, OPTIONAL

FILL THE VOID IN THE LIFT BELOW
PLACE AND COMPACT FILL FOR TOE BURY
CAP

1'-6" MIN. COVER
TOP LIFT BACKFILL
TOP LIFT PRONGLESS MAT
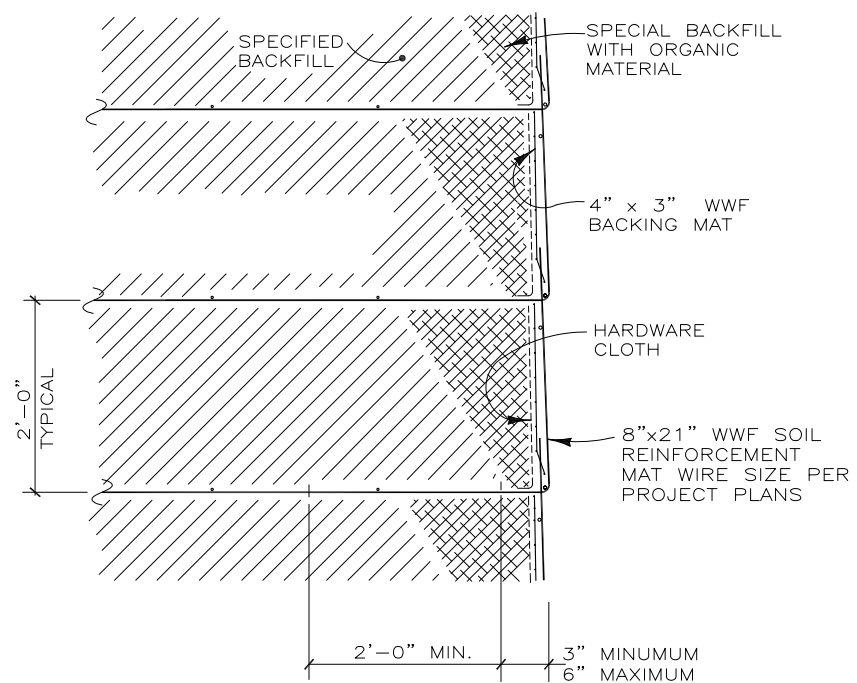
STEP 6: TOP LIFT
PLACE THE TOP LIFT PRONGLESS MAT, BACKING MAT AND FILTER FABRIC. PLACE AND COMPACT BACKFILL AND ROCK IN THE TOP LIFT. HOOK THE CAP OVER THE MIDDLE TRANSVERSE WIRE ON THE PRONGLESS MAT, AND ROTATE INTO PLACE. PLACE AND COMPACT COVER OVER TOP MAT TO 1'-6" MINIMUM DEPTH.
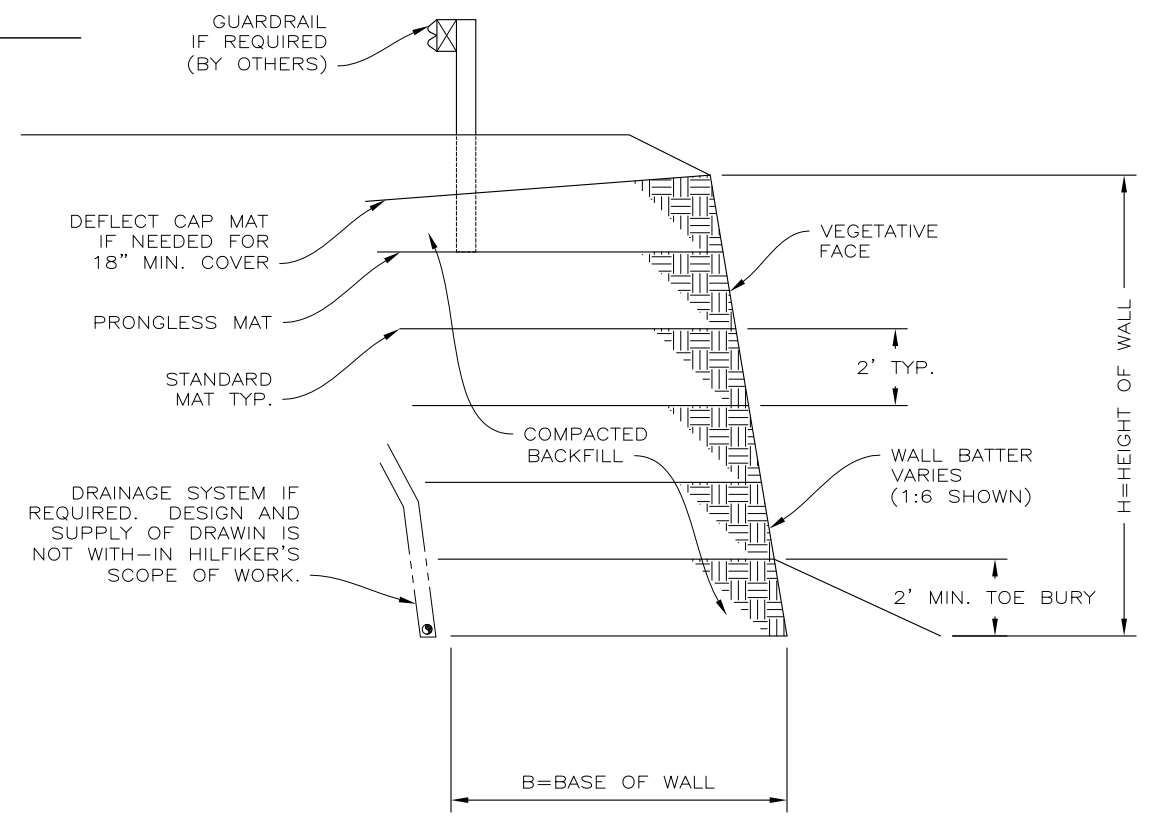
CONSTRUCTION SEQUENCE
NOT TO SCALE

8"x12" WWF SOIL REINFORCEMENT TOP MAT (CAP)
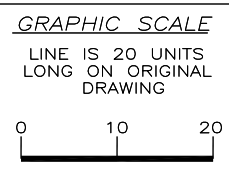8"x12" WWF PRONGLESS SOIL REINFORCEMENT MAT, TOP LIFT ONLY
4"x3" WWF BACKING MAT, 8' WIDE
FILTER FABRIC
CONTINUOUS HARDWARE CLOTH
8"x21" WWF STANDARD SOIL REINFORCEMENT MAT

WALL COMPONENTS
NOT TO SCALE

SPECIFIED BACKFILL
SPECIAL BACKFILL WITH ORGANIC MATERIAL
4" x 3" WWF BACKING MAT
HARDWARE CLOTH
8"x21" WWF SOIL REINFORCEMENT MAT WIRE SIZE PER PROJECT PLANS
2'-0" TYPICAL
2'-0" MIN.
3" MINUMUM
6" MAXIMUM

SECTION

VEGETATIVE WALL FACE DETAIL
NOT TO SCALE

GUARDRAIL IF REQUIRED (BY OTHERS)
DEFLECT CAP MAT IF NEEDED FOR 18" MIN. COVER
PRONGLESS MAT
STANDARD MAT TYP.
DRAINAGE SYSTEM IF REQUIRED. DESIGN AND SUPPLY OF DRAWIN IS NOT WITH-IN HILFIKER'S SCOPE OF WORK.
COMPACTED BACKFILL
VEGETATIVE FACE
2' TYP.
WALL BATTER VARIES (1:6 SHOWN)
2' MIN. TOE BURY
H=HEIGHT OF WALL
B=BASE OF WALL

TYPICAL SECTION 1:6 BATTER
SCALE: 1" = 5'

WWW. BATTERED VEGETATIVE FACE

REV.NO.	DATE	BY	DESCRIPTION
1	11 AUG 08	AMJ	ADDED 1:3 BATTER SECTION

GRAPHIC SCALE
LINE IS 20 UNITS LONG ON ORIGINAL DRAWING
0   10   20

PROJ.MGR.

ENGINEER

CADD BY
HRW

DWG DATE
26 OCT 07

REVISION DATE
11 AUG 08

SCALE
NOTED

STANDARD DRAWING
WELDED WIRE RETAINING WALL, 24" LIFTS
VEGETATIVE FACE
SECTION, DETAILS AND NOTES

PROJECT NO.

SHEET
1
OF 1