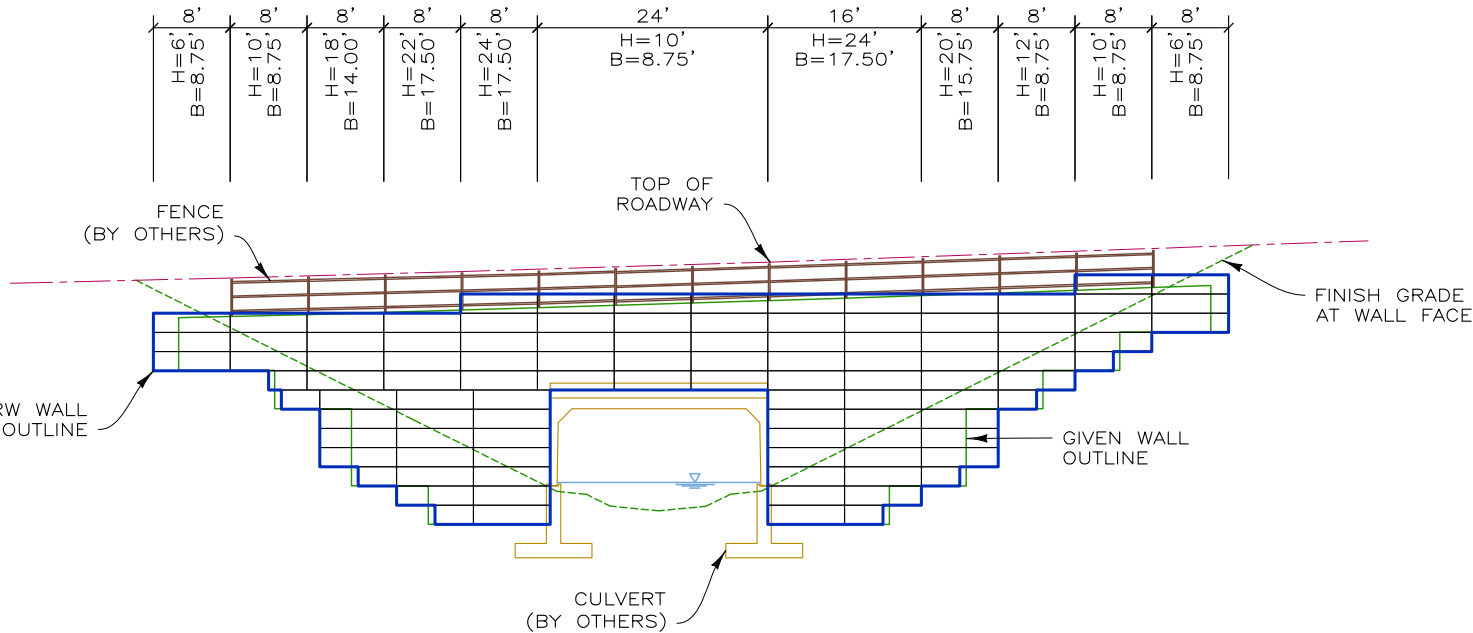
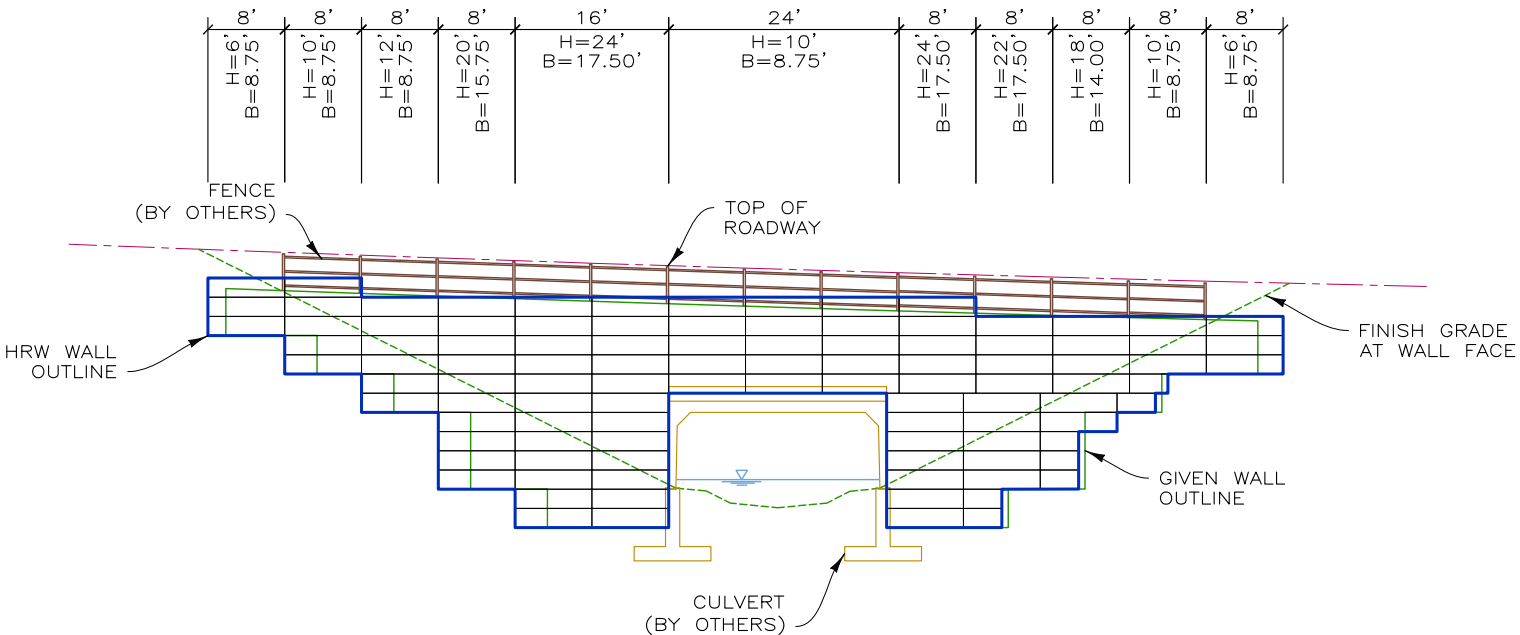




DEVELOPED ELEVATION FOR NORTH WALL
SCALE: 1" = 20'



DEVELOPED ELEVATION FOR SOUTH WALL
SCALE: 1" = 20'

PROJECT-SPECIFIC NOTES:

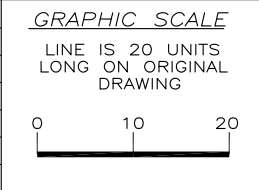
1. REFERENCE DRAWINGS: BASED OFF DRAWINGS FROM SKAGIT COUNTY PUBLIC WORKS / KPFF, SHEETS 18 AND 19 (OF 21) USED, DATED OCTOBER 16, 2023.
2. BLACK AND WHITE REPRODUCTION OF THIS COLOR ORIGINAL MAY REDUCE ITS EFFECTIVENESS AND LEAD TO INCORRECT INTERPRETATION.
3. IT IS ASSUMED THAT ALL MATERIALS, BACKFILL AND CONSTRUCTION METHODS FOR HILFIKER M.S.E. WALLS WILL CONFORM TO HILFIKER'S SPECIFICATIONS AND/OR THOSE OF THE HILFIKER ENGINEERING CONSULTANT.
4. THIS IS NOT AN ENGINEERED SUBMITTAL. ALL INFORMATION HEREON IS DERIVED FROM THE REFERENCE DRAWINGS, AND IS SUBJECT TO GEOMETRIC AND GEOTECHNICAL CONFIRMATION. THE APPLICABLE HILFIKER CONSTRUCTION GUIDE AND SPECIFICATIONS ARE AN INTEGRAL PART OF THIS SUBMITTAL.
5. UPON ENGINEERED DESIGN, HILFIKER RETAINING WALLS SHALL BE RESPONSIBLE ONLY FOR THE INTERNAL STABILITY OF THE RETAINING WALL, AND NOT FOR GLOBAL STABILITY OR FOUNDATION BEARING CAPACITY. THE OWNER/CONTRACTOR SHALL BE RESPONSIBLE FOR ALL JOB SITE DRAINAGE, SAFETY AND FALL PROTECTION PROVISIONS FOR WORKERS IN COMPLIANCE WITH OSHA AND ANY OTHER APPLICABLE REQUIREMENTS.
6. WALL DESIGN SHALL REQUIRE A NON-SATURATED BACKFILL. SURFACE AND SUBSURFACE DRAINAGE CONTROL MAY BE REQUIRED TO PREVENT SATURATION OF THE BACKFILL OR TO RELIEVE HYDROSTATIC PRESSURES. DRAINAGE CONTROL SHALL BE AS SPECIFIED IN THE OWNER'S PROJECT PLANS AND SPECIFICATIONS, OR AS DIRECTED BY THE OWNER'S ENGINEER.
7. FOR BID DRAWINGS, IT IS ASSUMED THAT BASE DEPTHS AND WALL HEIGHTS ARE SUBJECT TO CHANGE BY THE FINAL PROJECT DESIGN.

ESTIMATED QUANTITIES	
WALL NO.	FACE AREA
NORTH WALL	1,584 SQ. FT.
SOUTH WALL	1,600 SQ. FT.
TOTALS	3,184 SQ. FT.

240130CW — FISHER CREEK RESTORATION AT CEDARDALE

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REV.NO.	DATE	BY	DESCRIPTION



PROJ. MGR.
LB
DRAWN BY
AH
REVIEWED BY
DH

HILFIKER RETAINING WALLS

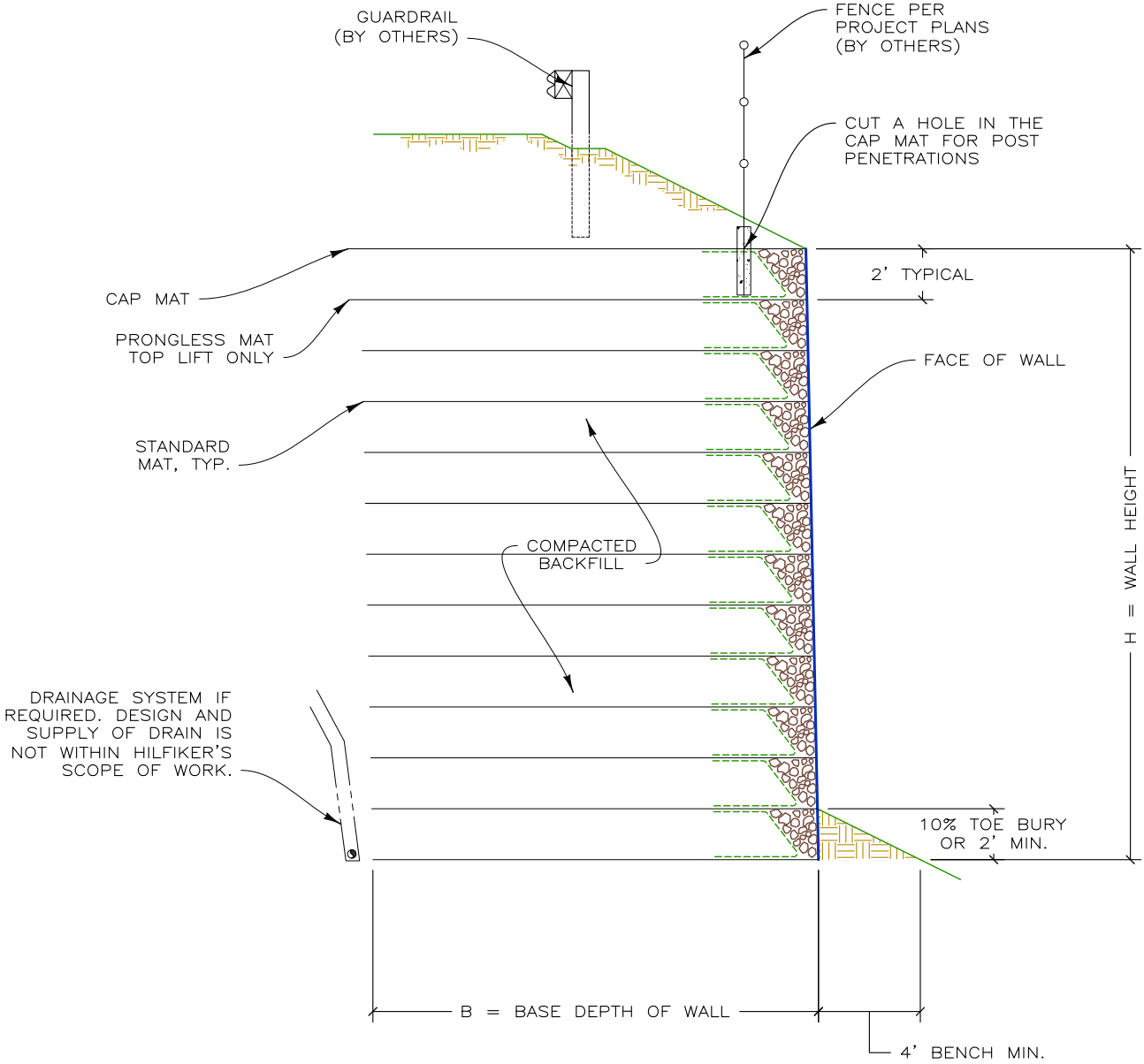
1902 Hilfiker Lane
Eureka, CA 95503-5711
TOLL-FREE 800.762.8962
PH 707.443.5093 FAX 707.443.2891
WEBSITE www.hilfiker.com E-MAIL info@hilfiker.com

DWG DATE
16 FEB 24
REVISION DATE
SCALE
NOTED

FOR BIDDING PURPOSES ONLY	
WELDED WIRE WALL	
FISHER CREEK RESTORATION AT CEDARDALE	
IMCO CONSTRUCTION	
CONWAY, WASHINGTON	
ELEVATION VIEWS & NOTES	

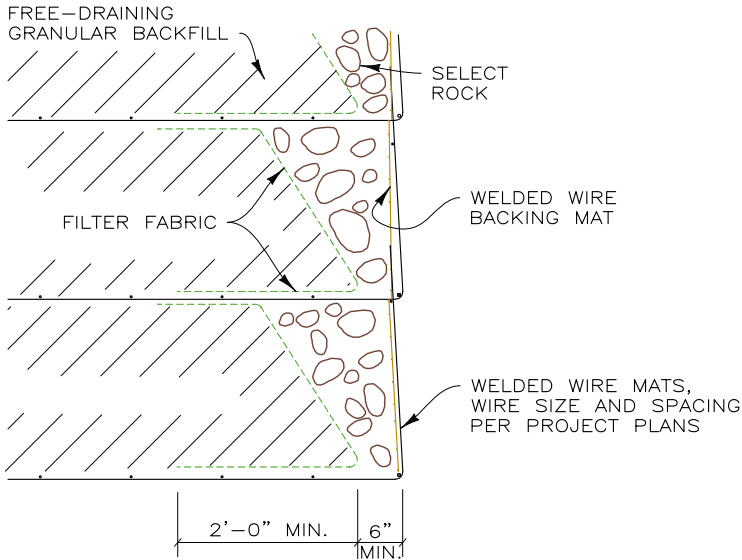
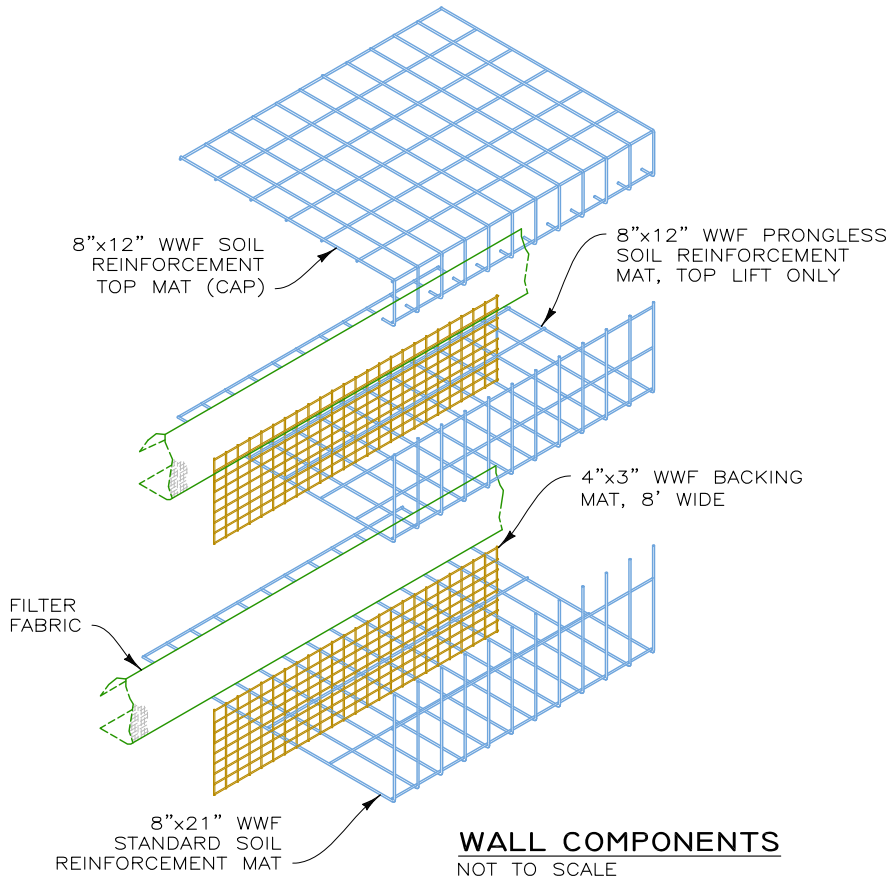
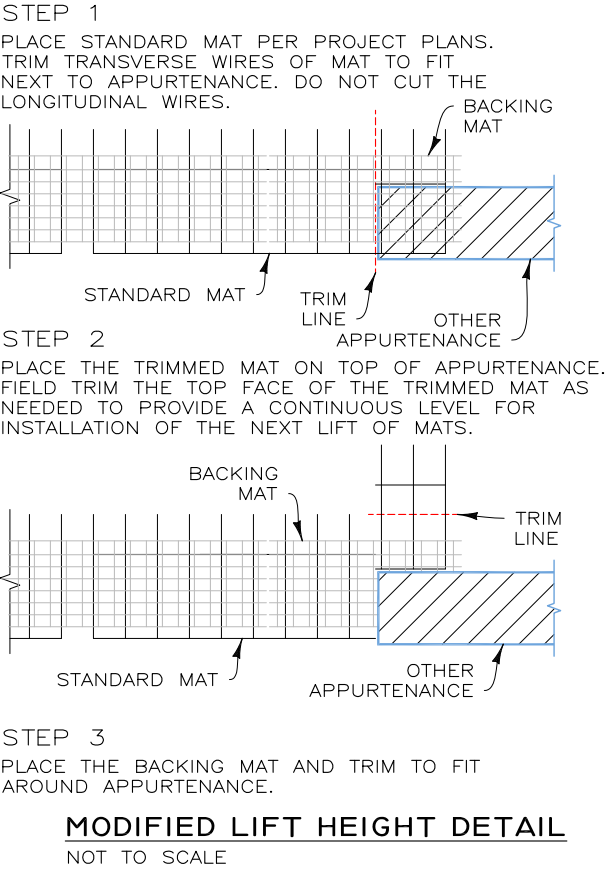
PROJECT NO.
240130CW
SHEET
1
OF 3

240130CW - FISHER CREEK RESTORATION AT CEDARDALE



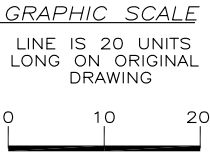
TYPICAL WELDED WIRE WALL SECTION
SCALE: 3" = 20'

(NOTE: CULVERT NOT SHOWN FOR CLARITY)



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REV.NO.	DATE	BY	DESCRIPTION



PROJ. MGR.
LB

DRAWN BY
AH

REVIEWED BY
DH

HILFIKER RETAINING WALLS

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1902
SINCE
QUALITY PRODUCT

DWG DATE
16 FEB 24

REVISION DATE

SCALE
NOTED

FOR BIDDING PURPOSES ONLY	
WELDED WIRE WALL	
FISHER CREEK RESTORATION AT CEDARDALE	
IMCO CONSTRUCTION	
CONWAY, WASHINGTON	
TYPICAL SECTION & DETAILS	

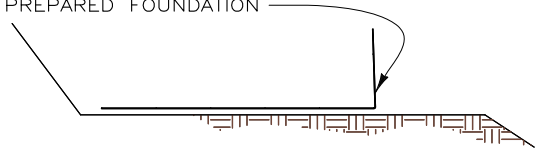
PROJECT NO.
240130CW

SHEET
2
OF 3

240130CW - FISHER CREEK RESTORATION AT CEDARDALE

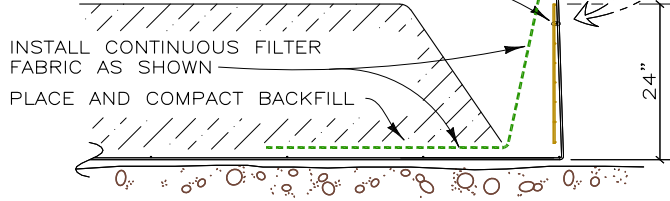
STEP 1

PLACE THE FIRST COURSE OF SOIL REINFORCEMENT MATS ON PREPARED FOUNDATION



STEP 2

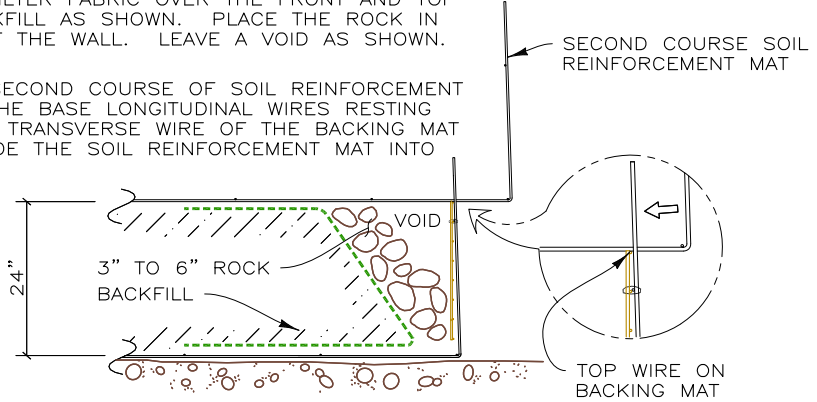
PLACE THE BACKING MAT AGAINST THE INSIDE FACE OF THE SOIL REINFORCEMENT MAT. CLIP THE SECOND-TO-TOP TRANSVERSE WIRE ON THE BACKING MAT TO THE TOP TRANSVERSE WIRE ON THE SOIL REINFORCEMENT MAT.



STEP 3

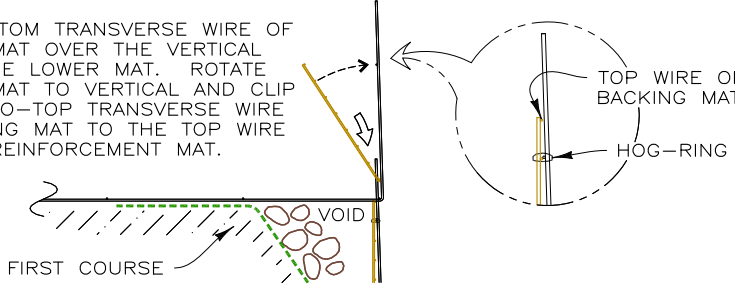
BRING THE FILTER FABRIC OVER THE FRONT AND TOP OF THE BACKFILL AS SHOWN. PLACE THE ROCK IN THE FACE OF THE WALL. LEAVE A VOID AS SHOWN.

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.



STEP 4

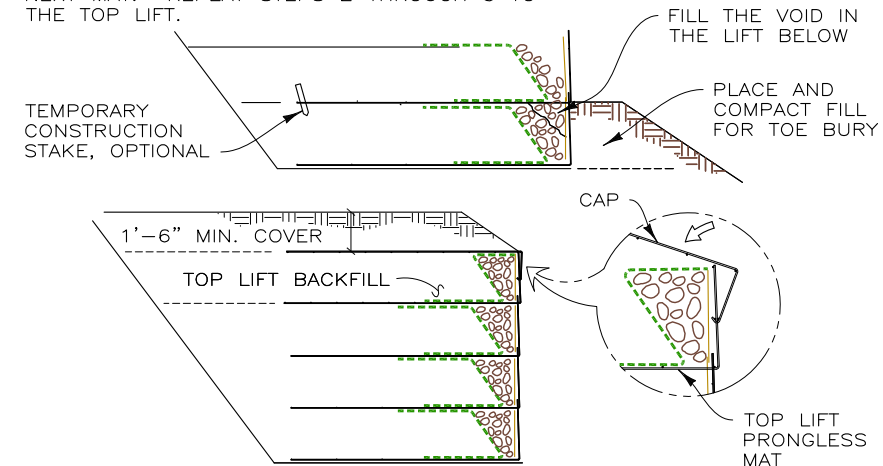
HOOK THE BOTTOM TRANSVERSE WIRE OF THE BACKING MAT OVER THE VERTICAL PRONGS ON THE LOWER MAT. ROTATE THE BACKING MAT TO VERTICAL AND CLIP THE SECOND-TO-TOP TRANSVERSE WIRE ON THE BACKING MAT TO THE TOP WIRE ON THE SOIL REINFORCEMENT MAT.



CONSTRUCTION SEQUENCE
NOT TO SCALE

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.



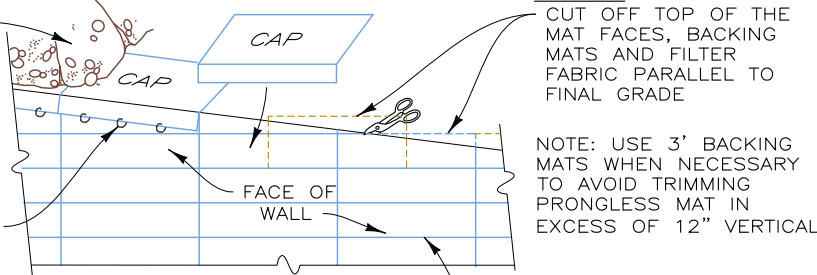
STEP 6: TOP LIFT

PLACE THE TOP LIFT PRONGLESS MAT, BACKING MAT AND FILTER FABRIC. PLACE AND COMPACT BACKFILL AND ROCK IN THE TOP LIFT. FOLD THE TOP TAIL OF THE FILTER FABRIC OVER THE ROCK IN THE FACE TO PREVENT FINES FROM MIGRATING. 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.

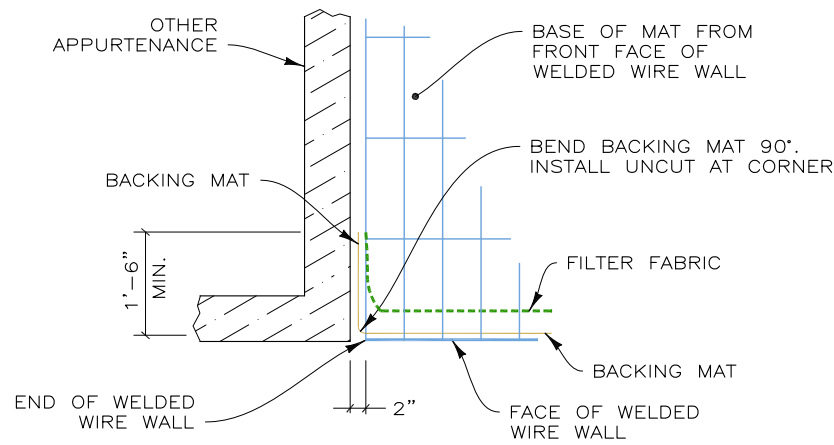
STEP 4
PLACE AND COMPACT BACKFILL OVER THE SLOPED CAPS TO FINAL GRADE

STEP 2
PLACE CAPS ON SLOPE

STEP 1
CUT OFF TOP OF THE MAT FACES, BACKING MATS AND FILTER FABRIC PARALLEL TO FINAL GRADE

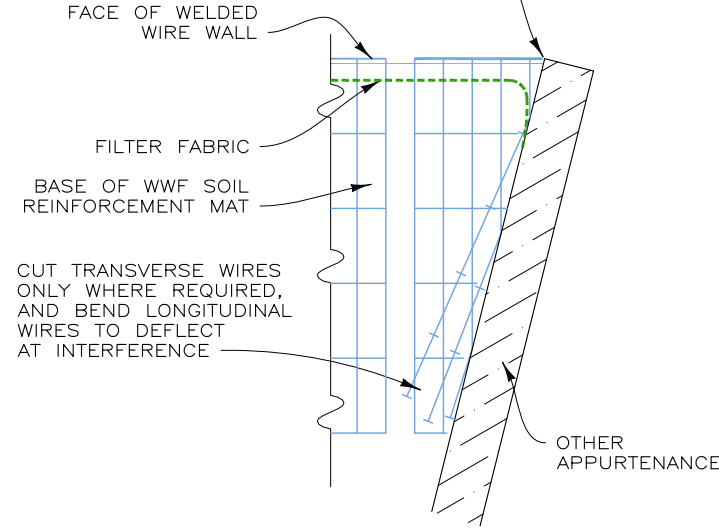


PICTORIAL ELEVATION
SLOPED CAP MAT DETAIL
NOT TO SCALE



PLAN VIEW
WELDED WIRE WALL END AT OTHER APPURTENANCE
NOT TO SCALE

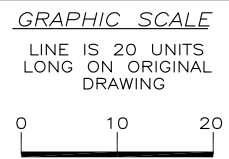
CLOSE END OF WALL AT APPURTENANCE AS SHOWN IN "WELDED WIRE WALL END AT APPURTENANCE" DETAIL, THIS SHEET



PLAN VIEW
DEFLECTED LONGITUDINAL WIRES
NOT TO SCALE

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REV.NO.	DATE	BY	DESCRIPTION



PROJ. MGR. LB
DRAWN BY AH
REVIEWED BY DH

HILFIKER RETAINING WALLS



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DWG DATE 16 FEB 24
REVISION DATE
SCALE NOTED

FOR BIDDING PURPOSES ONLY		
WELDED WIRE WALL		
FISHER CREEK RESTORATION AT CEDARDALE		
IMCO CONSTRUCTION		
CONWAY, WASHINGTON		
CONSTRUCTION SEQUENCE & DETAILS		

PROJECT NO. 240130CW
SHEET 3
OF 3