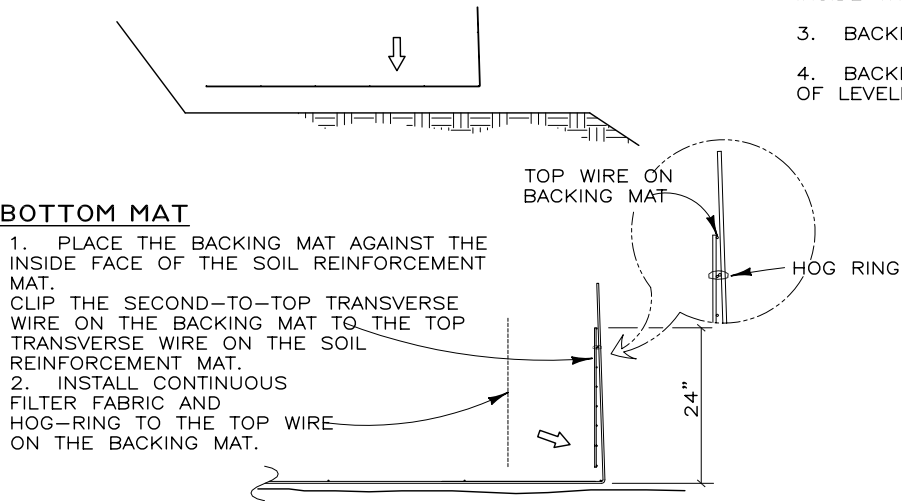


091002BE 1-84: EXIT 64 (HOOD RIVER) - BUNDLE 224

FOUNDATION

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



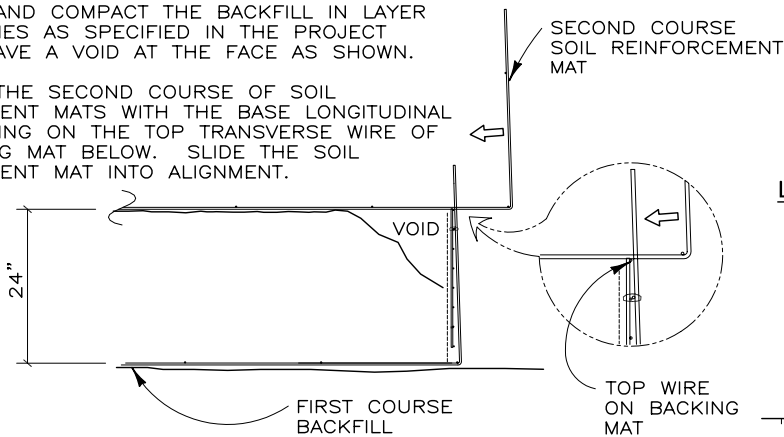
BOTTOM MAT

1. 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.
2. INSTALL CONTINUOUS FILTER FABRIC AND HOG-RING TO THE TOP WIRE ON THE BACKING MAT.

SECOND LIFT

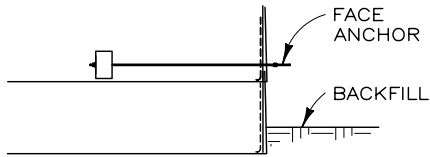
1. PLACE AND COMPACT THE BACKFILL IN LAYER AND DENSITIES AS SPECIFIED IN THE PROJECT PLANS. LEAVE A VOID AT THE FACE AS SHOWN.

2. 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 LEVEL CONT'D

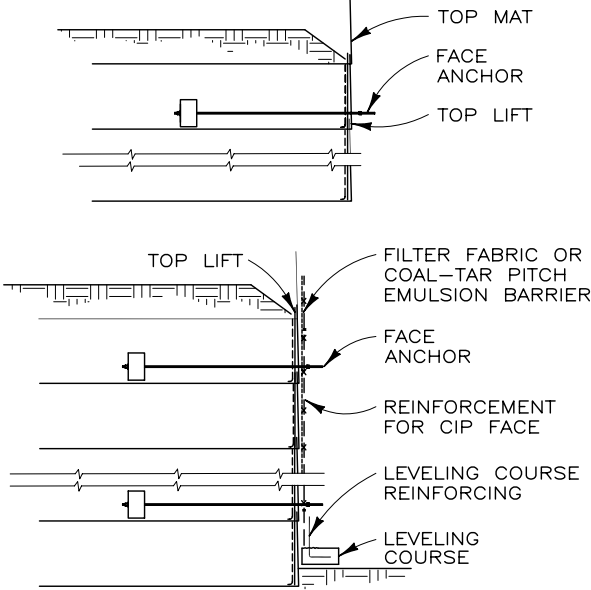
1. PUT AN 8" LAYER OF FILL IN THE BOTTOM OF LIFT AND COMPACT ACCORDING TO PLANS.
2. INSTALL THE FACE ANCHORS TO THE SPACING SHOWN IN THE PROJECT PLANS.
3. CAREFULLY BACKFILL AND COMPACT SECOND 8" LAYER OF FILL AROUND FACE ANCHORS BEING CAREFUL NOT TO BREAK OR BEND THE ANCHOR ROD.
4. BACKFILL TOE OF WALL TO ELEVATION OF BOTTOM OF LEVELING COURSE.
4. FINISH FILLING AND COMPACTING SECOND LEVEL AS REQUIRED. CONTINUE ADDING COURSES UNTIL THE TOP LIFT.



CONSTRUCTION SEQUENCE
NOT TO SCALE

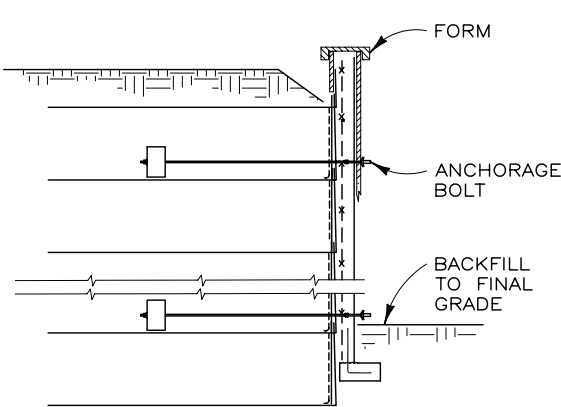
TOP LIFT

1. INSTALL THE FACE ANCHORS TO THE SPACING SHOWN IN THE PROJECT PLANS.
2. INSTALL TOP MAT. THERE IS NO BACKING MAT INSIDE THE FACE OF THE TOP LIFT.
3. BACKFILL TO ANCHOR THE TOP MAT.
4. BACKFILL TOE OF WALL TO ELEVATION OF BOTTOM OF LEVELING COURSE.



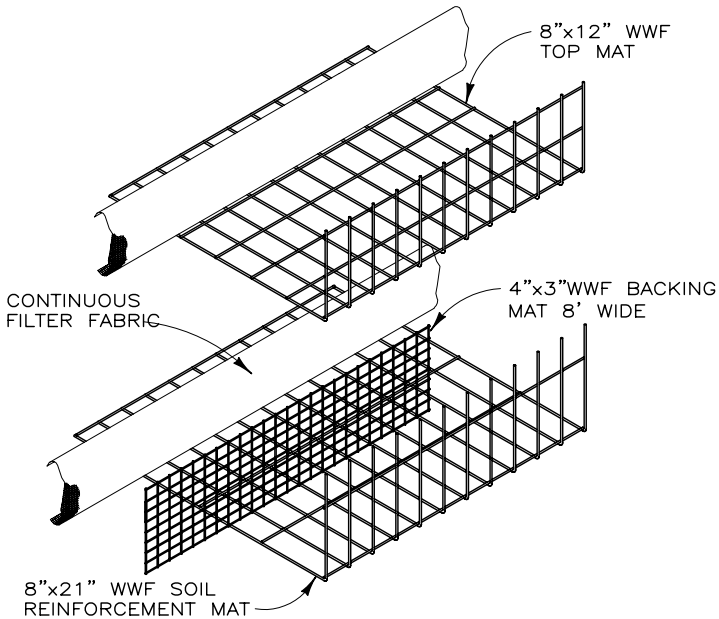
LEVELING COURSE, REINFORCING

1. INSTALL FILTER FABRIC OR COAL-TAR PITCH EMULSION BARRIER.
2. POUR LEVELING COURSE TO ELEVATION SHOWN IN THE PROJECT PLANS.
3. INSTALL REINFORCING FOR CAST-IN-PLACE FACE.



CASTING THE FACE

1. ATTACH THE FORMS TO THE FACE ANCHOR BOLTS.
2. CAST CONCRETE AS SHOWN IN PROJECT PLANS.
3. STRIP FORMS AND BACKFILL AT TOE TO FINAL GRADE.
4. FINISH TOP OF WALL PER PROJECT PLANS.



WALL COMPONENTS
NOT TO SCALE

PROJECT-SPECIFIC NOTES:

1. REFERENCE DRAWINGS: PLANS FROM THE OREGON DEPARTMENT OF TRANSPORTATION SIGNED 20 AUGUST 2009. SHEETS 24 AND 25 OF 25.
2. IT IS ASSUMED THAT ALL MATERIALS, BACKFILL AND CONSTRUCTION METHODS FOR HILFIKER M.S.E. WALLS AND/OR GABIONS WILL CONFORM TO HILFIKER'S SPECIFICATIONS AND/OR THOSE OF THE HILFIKER ENGINEERING CONSULTANT.
3. 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.
4. 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.
5. 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.

SUPPLIED QUANTITIES:

ABUTMENT 1L AREA:	520 SQ. FT.
ABUTMENT 1R AREA:	520 SQ. FT.
ABUTMENT 2L AREA:	520 SQ. FT.
ABUTMENT 2R AREA:	520 SQ. FT.
TOTAL AREA:	2,080 SQ. FT.

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REV.NO.	DATE	BY	DESCRIPTION

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

PROJ.MGR.
HKH
ENGINEER
CADD BY
AMJ

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



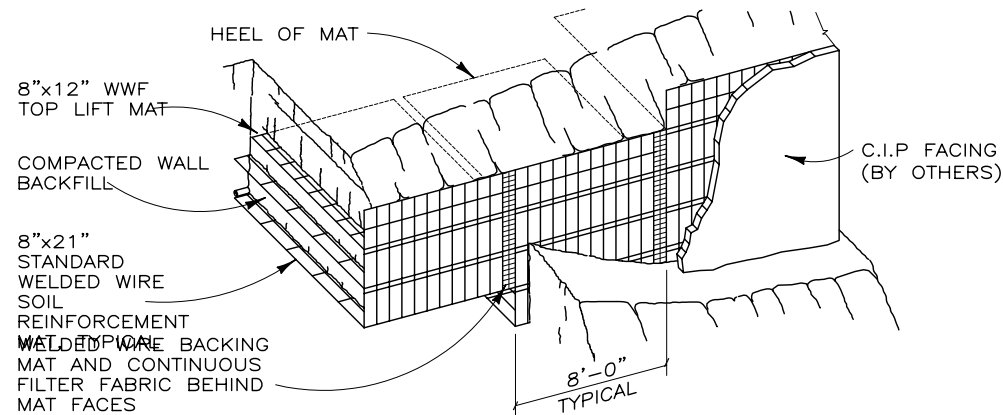
DWG DATE
9 OCT 09
REVISION DATE
SCALE
NOTED

FOR BIDDING PURPOSES ONLY
WELDED WIRE RETAINING WALL - 2' LIFT I-84: EXIT 64 (HOOD RIVER) BUNDLE 224
OREGON DEPT. OF TRANSPORTATION HOOD RIVER, OR
DETAILS AND NOTES

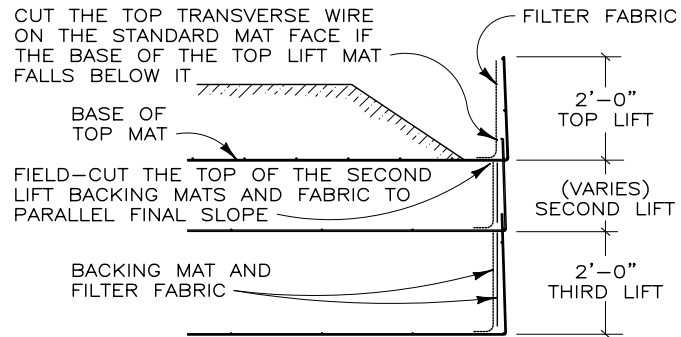
PROJECT NO.
091002BE
SHEET
1
OF 3

BID DUE: 15 OCT 09

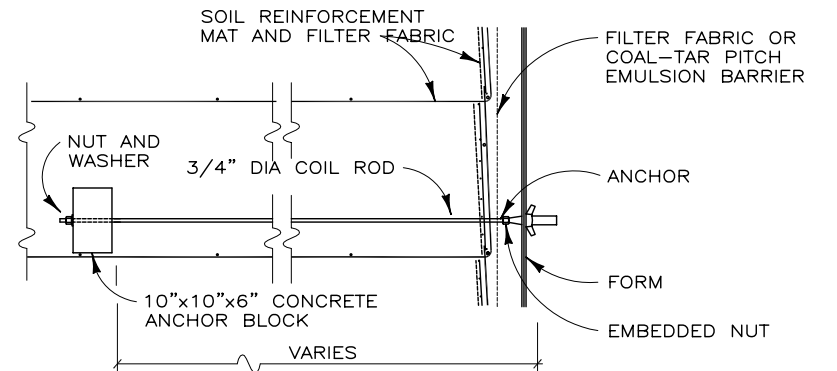
091002BE 1-84: EXIT 64 (HOOD RIVER) - BUNDLE 224



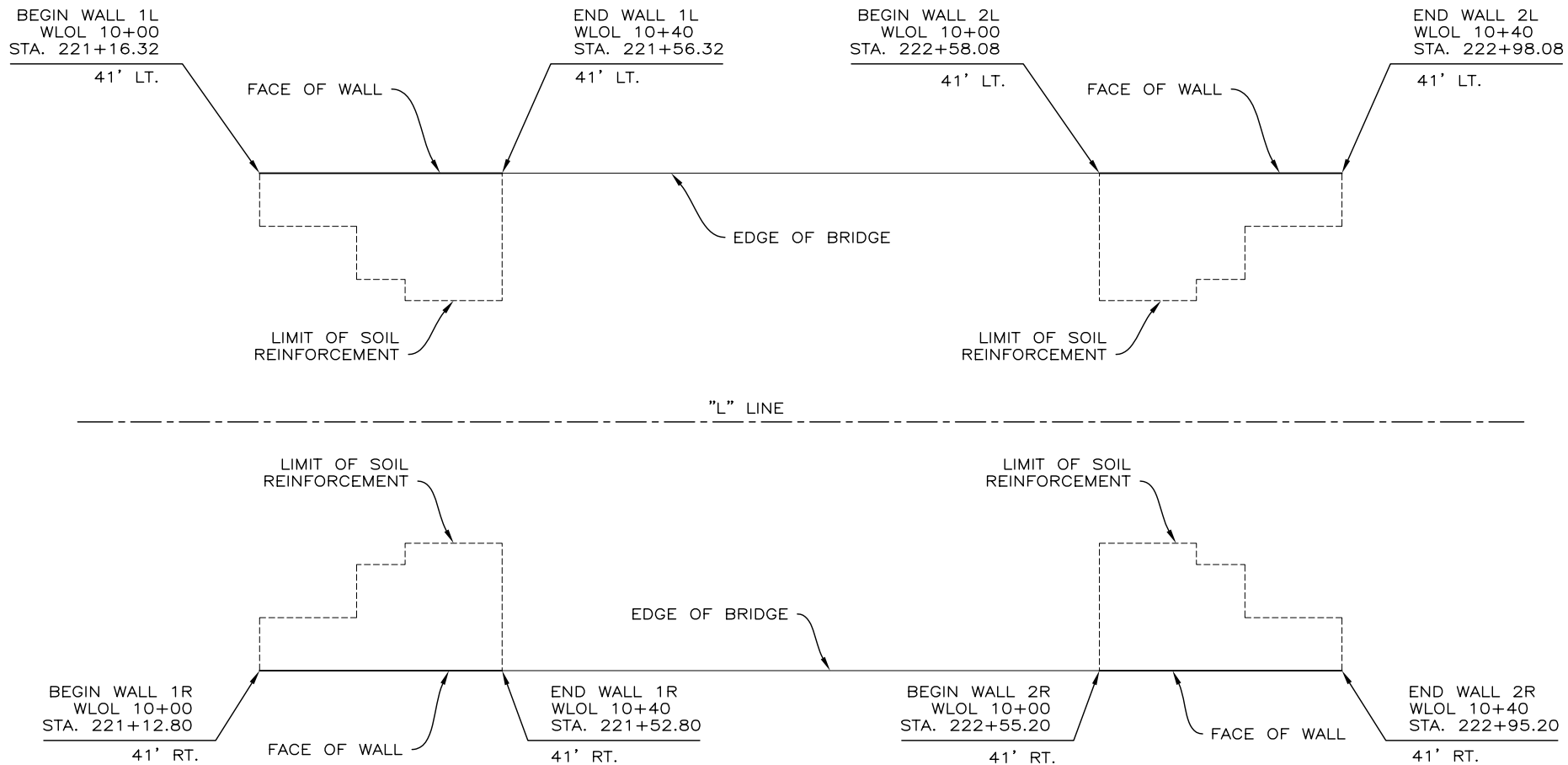
PICTORIAL ELEVATION
NOT TO SCALE



ERS TOP LIFT SECTION
NOT TO SCALE



FACE ANCHOR DETAIL
NOT TO SCALE

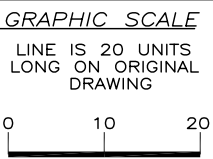


PLAN VIEW
SCALE: 1" = 15'

BID DUE: 15 OCT 09

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REV.NO.	DATE	BY	DESCRIPTION



PROJ.MGR.
HKH
ENGINEER
CADD BY
AMJ

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

SINCE 1902
QUALITY PRODUCTS

DWG DATE
9 OCT 09
REVISION DATE
SCALE
NOTED

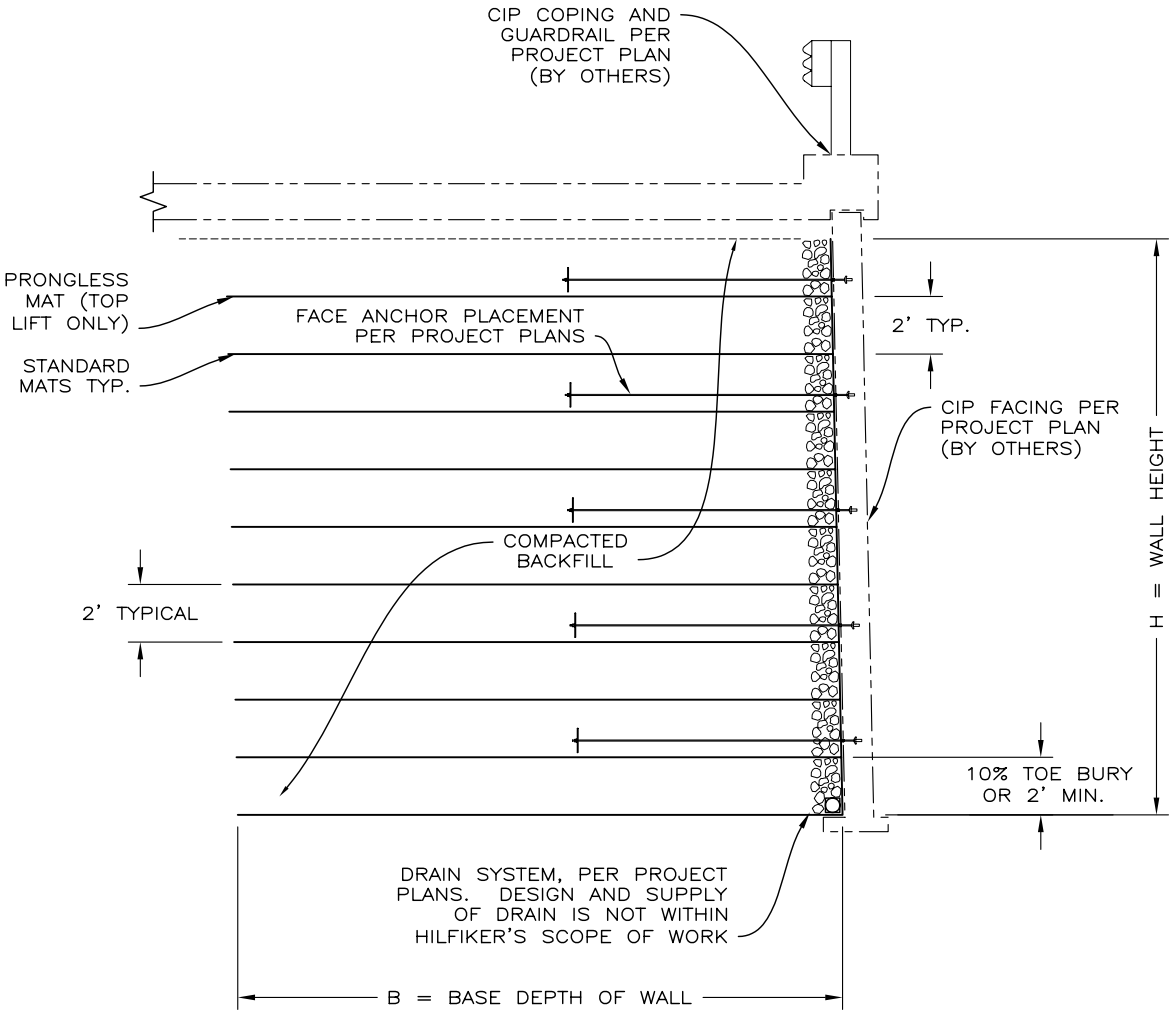
FOR BIDDING PURPOSES ONLY

WELDED WIRE RETAINING WALL - 2' LIFT
**I-84: EXIT 64 (HOOD RIVER)
BUNDLE 224**

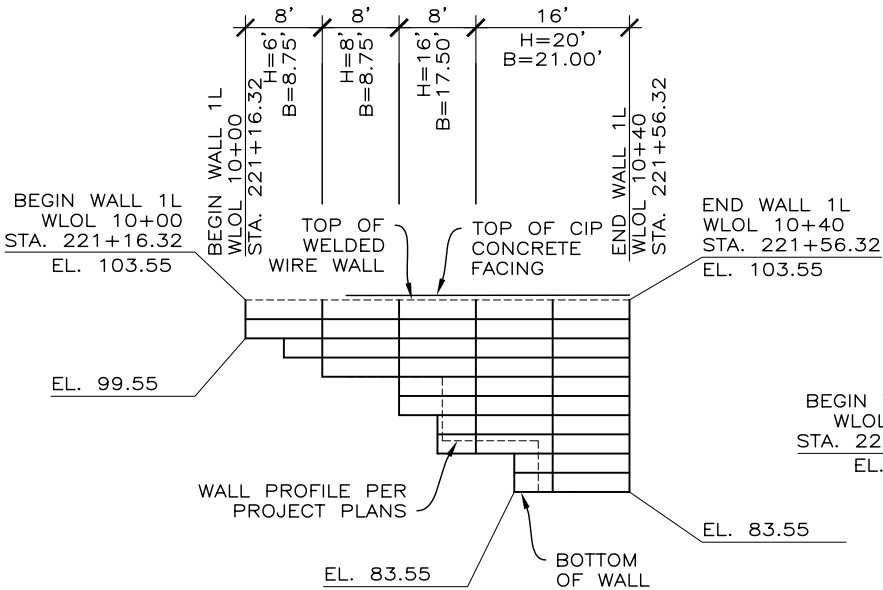
OREGON DEPT. OF TRANSPORTATION HOOD RIVER, OR

DETAILS AND PLAN VIEW

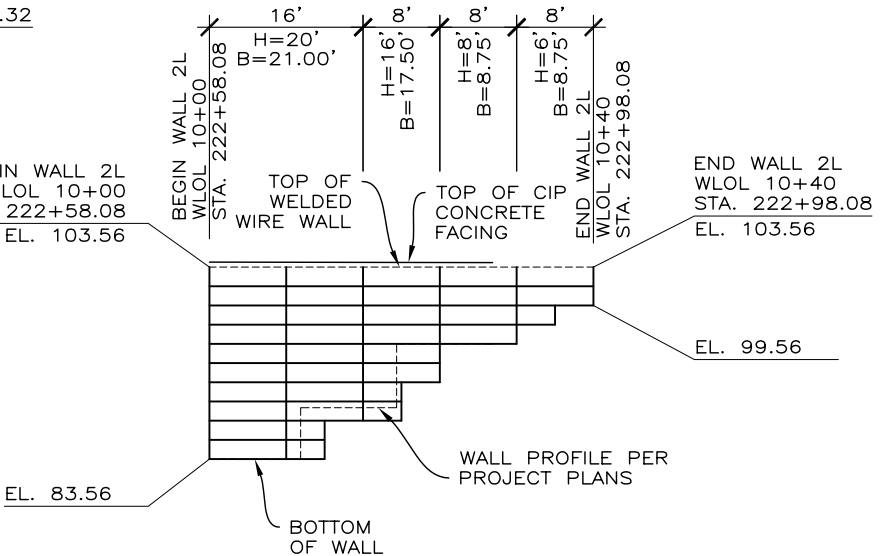
PROJECT NO.
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SHEET
2
OF 3



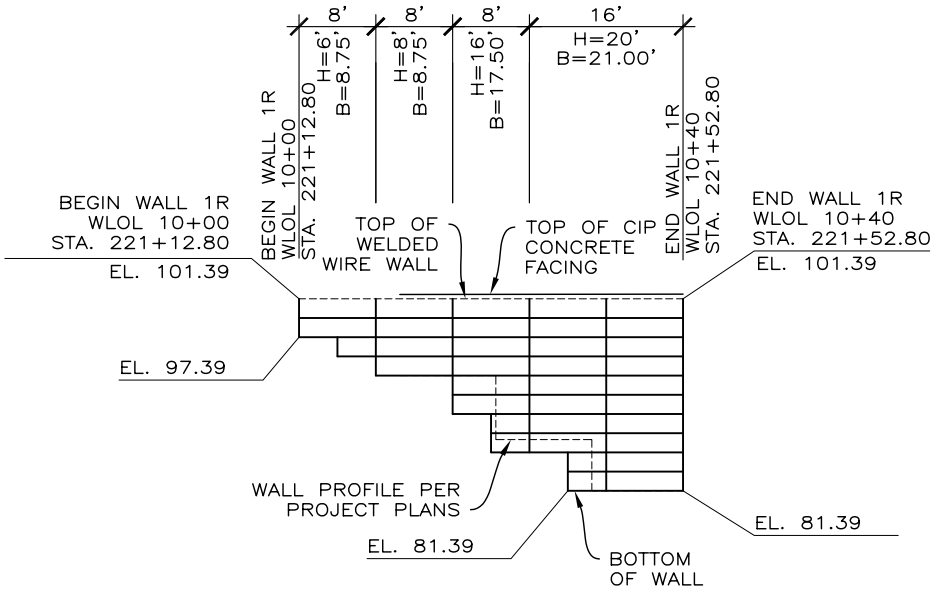
TYPICAL WELDED WIRE WALL SECTION
SCALE: 3" = 20'



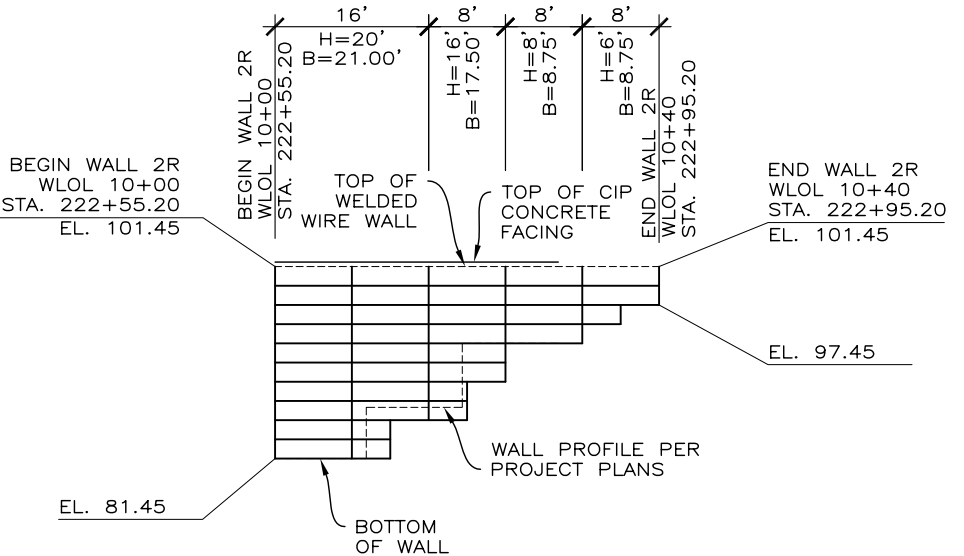
DEVELOPED ELEVATION-WALL 1L BACK FACE
SCALE: 1" = 20' 520 SQ. FT.



DEVELOPED ELEVATION-WALL 2L BACK FACE
SCALE: 1" = 20' 520 SQ. FT.



DEVELOPED ELEVATION-WALL 1R
SCALE: 1" = 20' 520 SQ. FT.

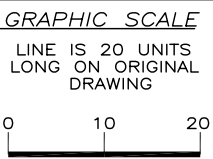


DEVELOPED ELEVATION-WALL 2R
SCALE: 1" = 20' 520 SQ. FT.

BID DUE: 15 OCT 09

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DWG DATE
9 OCT 09
REVISION DATE
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FOR BIDDING PURPOSES ONLY

WELDED WIRE RETAINING WALL - 2' LIFT
I-84: EXIT 64 (HOOD RIVER)
BUNDLE 224

OREGON DEPT. OF TRANSPORTATION HOOD RIVER, OR
TYP. SECTION & DEVELOPED ELEVATIONS

PROJECT NO.
091002BE
SHEET
3
OF 3