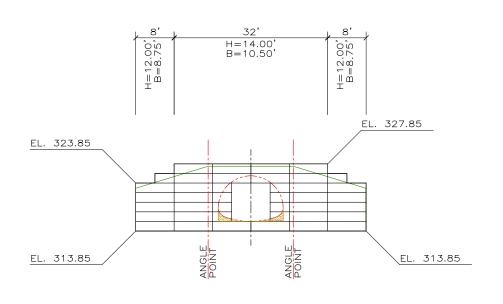
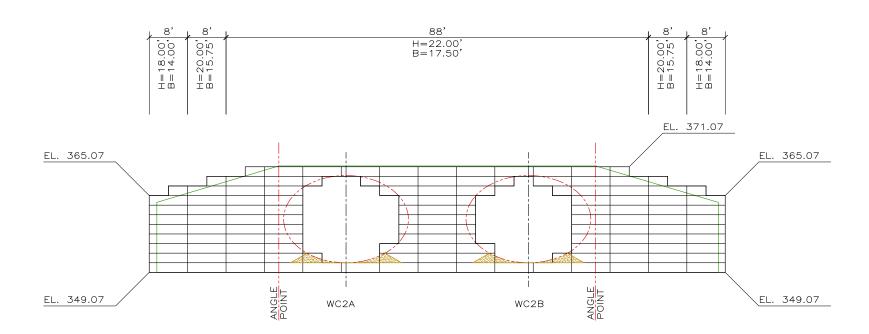


DEVELOPED ELEVATION - WCI-I



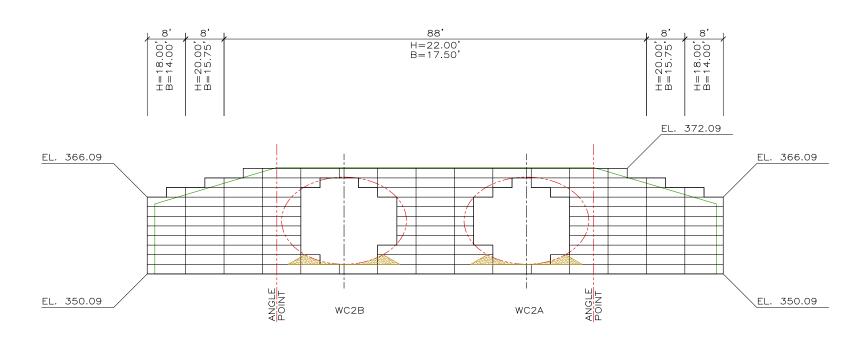
WC1-2 FACE AREA: 624
MINUS CULVERT FACE AREA -64
TOTAL FACE AREA: 560 SQ. FT.

DEVELOPED ELEVATION - WCI-2



WC2A&B-1 FACE AREA: 2,496
MINUS CULVERT FACE AREA: -592
TOTAL FACE AREA: 1,904 SQ. FT.

DEVELOPED ELEVATION - WC2A&B-I



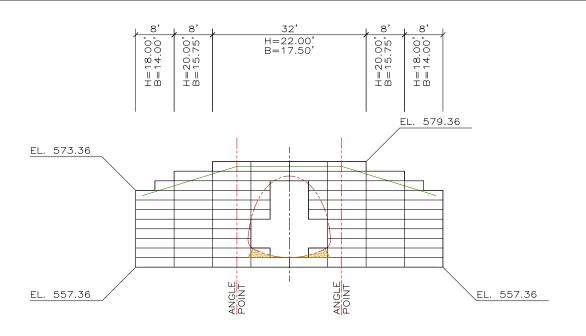
WC2A&B-2 FACE AREA: 2,496
MINUS CULVERT FACE AREA: -592
TOTAL FACE AREA: 1,904 SQ. FT.

DEVELOPED ELEVATION - WC2A&B-2

PROJECT NO. 150923AW SHEET **1** OF 5

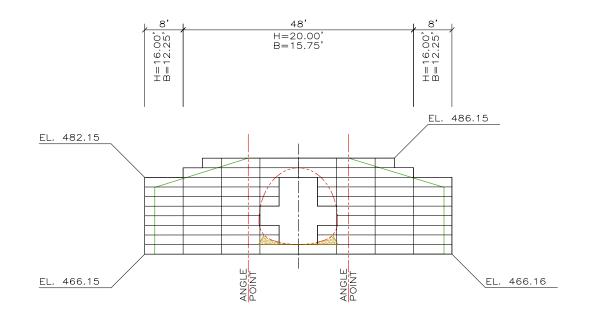
5L					
THIS DRAWING IS FURNISHED SOLELY FOR INTERPRETARY INFORMATION WITH THIS PROJECT AND THE PROPRIETARY INFORMATION	GRAPHIC SCALE	PROJ. MGR. HKH	HILFIKER RETAINING WALLS	DWG DATE	FOR BIDDING PURPOSES ONLY
SHOWN HEREON IS NOT TO BE TRANSMITTED TO ANY OTHER ORGANIZATION WITHOUT SPECIFIC AUTHORIZATION BY THE HILFIKER COMPANY. HILFIKER RETAINININ WALLS ARE	LINE IS 20 UNITS LONG ON ORIGINAL DRAWING	ENGINEER	1902 Hilfiker Lane	REVISION DATE	WELDED WIRE WALL STERLING HIGHWAY MP 58-79
✓ PROTECTED BY ONE OR MORE OF THE FOLLOWING P PATENTS: 243,619; 243,697; 248,616; 4,117,686; ○ 1,329,089; 4,324,508; 4,391,557; 4,505,621; ○ 1,343,318; 4,661,023; 4,856,939; 4,929,125;	0 10 20	CADD BY	Eureka, CA 95503-5711 TOLL-FREE 800.762.8962 PH 707.443.5093 FAX 707.443.2891	SCALE	ALASKA DOT STERLING, ALASKA
Ο 5,076,735; 5,647,695; 5,722,799; 5,733,072; ι 6,357,970B1; 6,874,975B2; 7,033,118B2;		AMJ	® WEBSITE www.hilfiker.com E-MaiL Info@hilfiker.com	NOTED	DEVELOPED ELEVATIONS

SAW STERLING HIGHWAY



WC3-1 FACE AREA: 1,296
MINUS CULVERT FACE AREA -176
TOTAL FACE AREA: 1,120 SQ. FT.

DEVELOPED ELEVATION - WC3-I

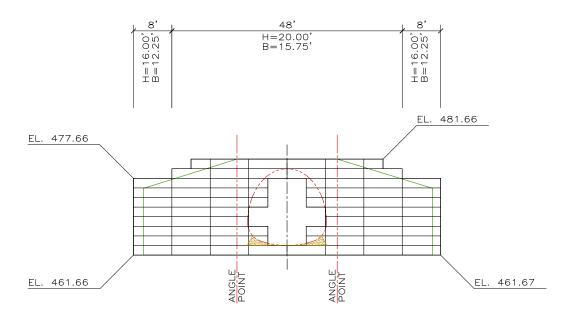


WC4-1 FACE AREA: 1,200
MINUS CULVERT FACE AREA -144
TOTAL FACE AREA: 1,056 SQ. FT.

DEVELOPED ELEVATION - WC4-I

WC3-2 FACE AREA: 1,296
MINUS CULVERT FACE AREA -176
TOTAL FACE AREA: 1,120 SQ. FT.

DEVELOPED ELEVATION - WC3-2

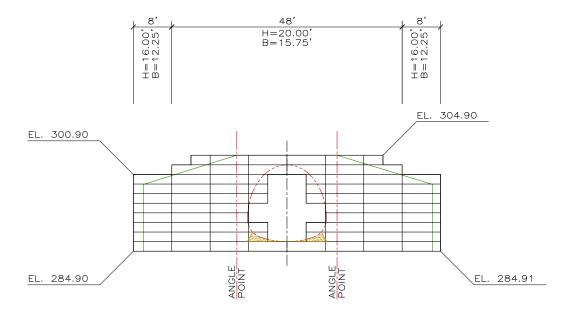


WC4-2 FACE AREA: 1,200
MINUS CULVERT FACE AREA -144
TOTAL FACE AREA: 1,056 SQ. FT.

DEVELOPED ELEVATION - WC4-2

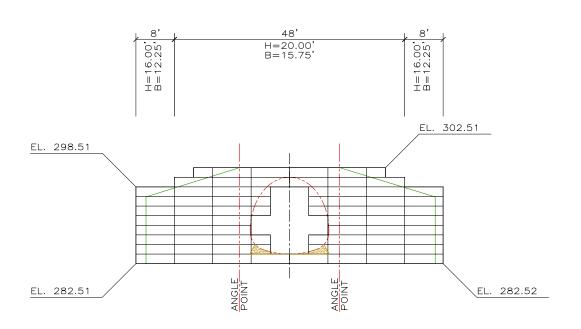
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() Show here on so without	LINE IS 20 UNITS LONG ON ORIGINAL		WELDED WIRE WALL	150923AW
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S (COMPANY. HILFIKER RETAINING WALLS ARE PROTECTED BY ONE OF MORE OF THE FOLLOWING	Eureka, CA 95503-5711 TOIL-FREE 800.752.8952 TOIL-FREE 800.752.8952 TOIL-FREE 800.752.8952			SHEET
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W STERLING HIGHWAY



WC5-1 FACE AREA: MINUS CULVERT FACE AREA TOTAL FACE AREA: -144 1,056 SQ. FT.

DEVELOPED ELEVATION - WC5-I



1,200 -144 WC5-2 FACE AREA: MINUS CULVERT FACE AREA TOTAL FACE AREA: 1,056 SQ. FT.

DEVELOPED ELEVATION - WC5-2

150923AW STERLING HIGHWAY MP 58-79 SKILAK LAKE RD. TO STERLING

THERE ARE ALSO GABIONS ON THE PROJECT FOR 22 MOOSE JUMP-OUTS.

GABIONS: 36 CY PER JUMP-OUT 22x32: 792 CY TOTAL

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2	THIS DRAWING IS FURNISHED SOLELY FOR THE USE OF OR IN CONNECTION WITH THIS PROJECT AND THE PROPRIETARY INFORMATION SHOWN IN THE PROPRIETARY INFORMATION OF TRANSMITTERS.	REV.NO.	DATE	BY	DESCRIPTION	GRAF
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Õ	5.076,735; 5.647,695; 5.722,799; 5.733,072;					
5	6,357,970B1; 6,874,975B2; 7,033,118B2; AND OTHERS. OTHER PATENTS PENDING (2008)					
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PROJ. MGR HKH ENGINEER

CADD BY AMJ

HILFIKER RETAINING WALLS 1902 Hilfiker Lane



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REVISION DATE	

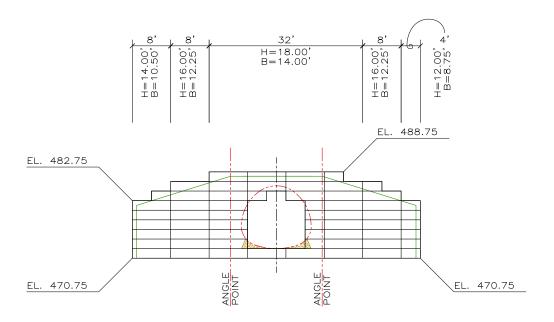
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WELDED WIRE WALL STERLING HIGHWAY MP 58-79

FOR BIDDING PURPOSES ONLY

ALASKA DOT STERLING, ALASKA DEVELOPED ELEVATIONS PROJECT NO. 150923AW SHEET

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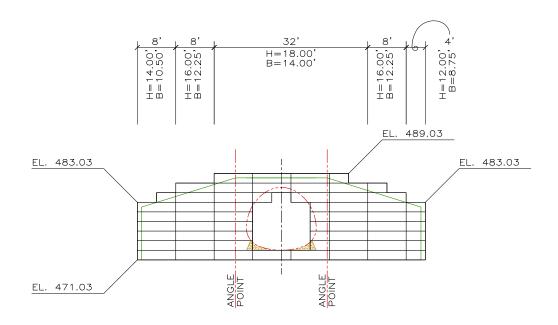


KENAI WC-1 FACE AREA: 968 MINUS CULVERT FACE AREA: -128 TOTAL FACE AREA: 840 SQ. FT.

DEVELOPED ELEVATION - KENAI WC-I

150923AW STERLING HIGHWAY MP 58-79 KENAI NWR VISITOR ENHANCEMENTS

KENAI WC-1 FACE AREA:	840 SQ. FT.
KENAI WC-2 FACE AREA:	840 SQ. FT.
TOTAL WC FACE AREA:	1,680 SQ. FT.



KENAI WC-2 FACE AREA: MINUS CULVERT FACE AREA: -128 TOTAL FACE AREA: 840 SQ. FT.

DEVELOPED ELEVATION - KENAI WC-2

PROJECT-SPECIFIC NOTES:

- 1. REFERENCE DRAWINGS: BASED ON PROJECT PLANS FROM PROJECT PLANS FROM ALASKA DOT DOWNLOADED 4.6.17
- 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.

THIS DRAWING IS FURNISHED SOLELY FOR THE USE OF OR IN CONNECTION WITH THIS	REV.NO.	DATE	BY	DESCRIPTION	GRAPHIC SCALE
PROJECT AND THE PROPRIETARY INFORMATION					
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COMPANY. HILFIKER RETAINING WALLS ARE					DRAWING
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PATENTS: 243,613; 243,697; 288,616; 4,117,686;					1 0 10 00
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4,343,318; 4,661,023; 4,856,939; 4,929,125;					
5,076,735; 5,647,695; 5,722,799; 5,733,072;					
6,357,970B1; 6,874,975B2; 7,033,118B2;					1
AND OTHERS. OTHER PATENTS PENDING (2008)					1

HKH CADD BY



AMJ

1902 Hilfiker Lane Eureka, CA 95503-571 TOLL-FREE 800.762.8962 PH 707.443.5093 FAX 707.443.2891 WEB SITE www.hilfiker.com E-MAIL info@hilfiker.com

HILFIKER RETAINING WALLS



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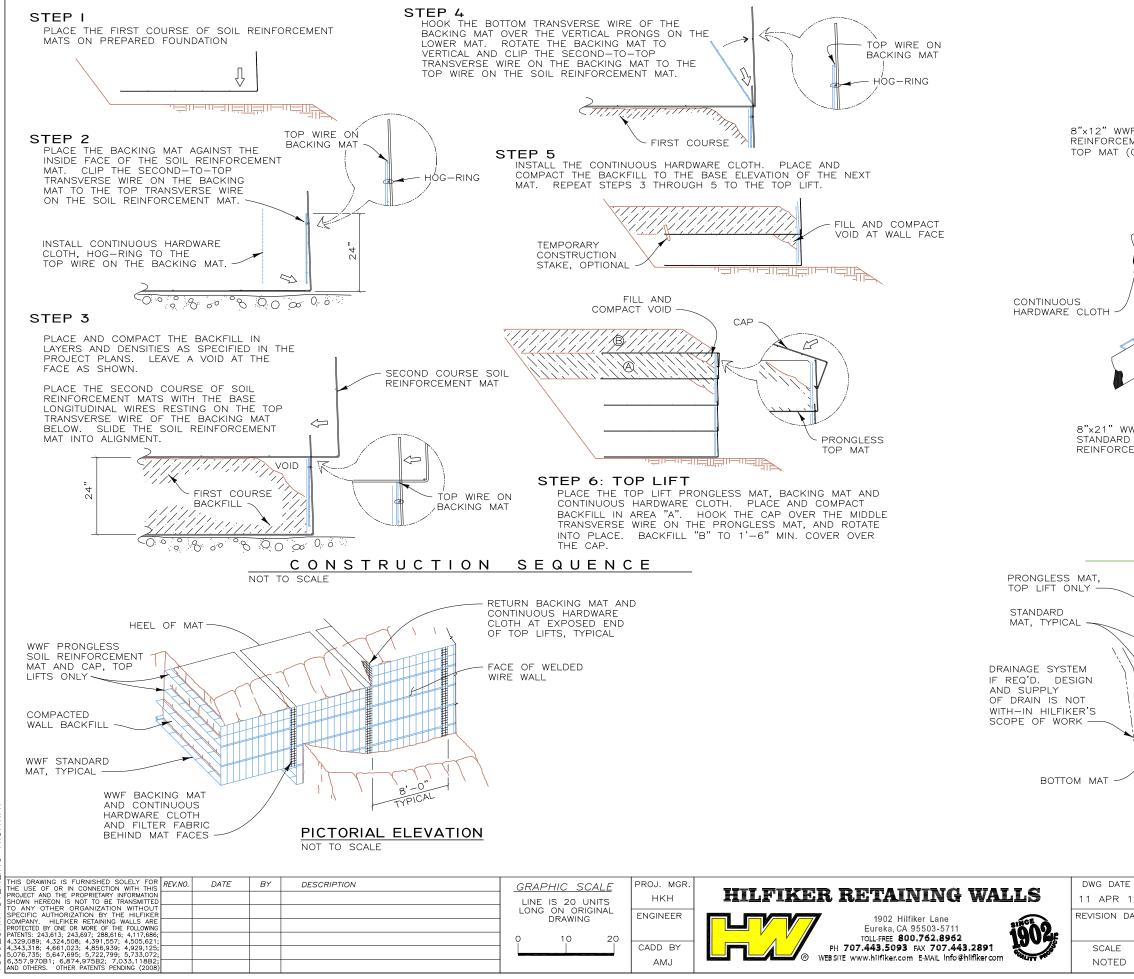
FOR BIDDING PURPOSES ONLY WELDED WIRE WALL

STERLING HIGHWAY MP 58-79 ALASKA DOT STERLING, ALASKA

DEVELOPED ELEVATIONS

PROJECT NO. 150923AW SHEET

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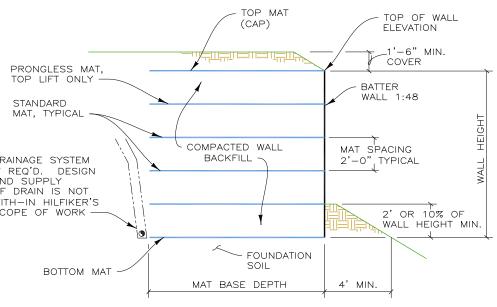


ENGINEER

CADD BY

AMJ

8"x12" WWF SOIL REINFORCEMENT - 8"x12" WWF PRONGLESS SOIL REINFORCEMENT MAT, TOP LIFT ONLY TOP MAT (CAP) 4"x3" WWF BACKING MAT, 8' WIDE 8"x21" WWF STANDARD SOIL WALL COMPONENTS REINFORCEMENT MAT NOT TO SCALE



TYPICAL SECTION NOT TO SCALE

HILFIKER RETAINING WALLS	DWG DAIL	FOR
1902 Hilfiker Lane Eureka, CA 95503-5711 TOLL-FREE 800.762.8962	REVISION DATE	STEI
PH 707.443.5093 FAX 707.443.2891 WEBSITE www.hilfiker.com E-Mail. Info@hilfiker.com	SCALE NOTED	
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PROJECT NO. **BIDDING PURPOSES ONLY** WELDED WIRE WALL 150923AW RLING HIGHWAY MP 58-79 SHEET ALASKA DOT 5 STERLING, ALASKA OF CONSTRUCTION SEQUENCE AND DETAILS