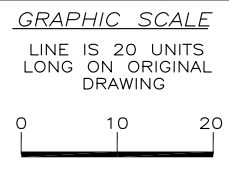


190312BW HOT WHEELS BASE TERMINAL AT ALPINE MEADOWS

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5	12 JUL 19	AH	UPDATED FOR NEW LOCATION OF WALL UPDATED PLAN SHEET & ELEVATION VIEW



PROJ. MGR.
HKH
ENGINEER
CADD BY
AH

HILFIKER RETAINING WALLS

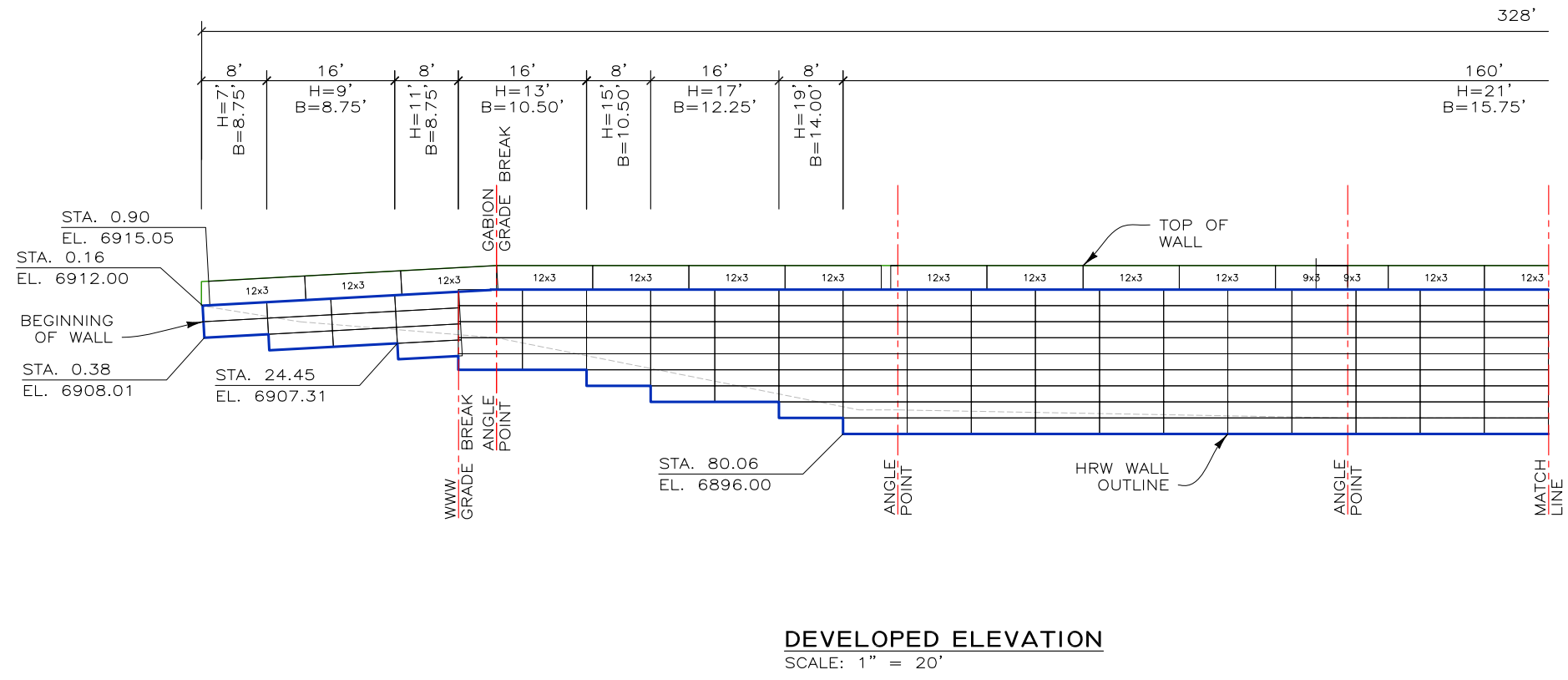
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WEBSITE www.hilfiker.com E-MAIL info@hilfiker.com

DWG DATE
26 MAR 19
REVISION DATE
12 JUL 19
SCALE
NOTED

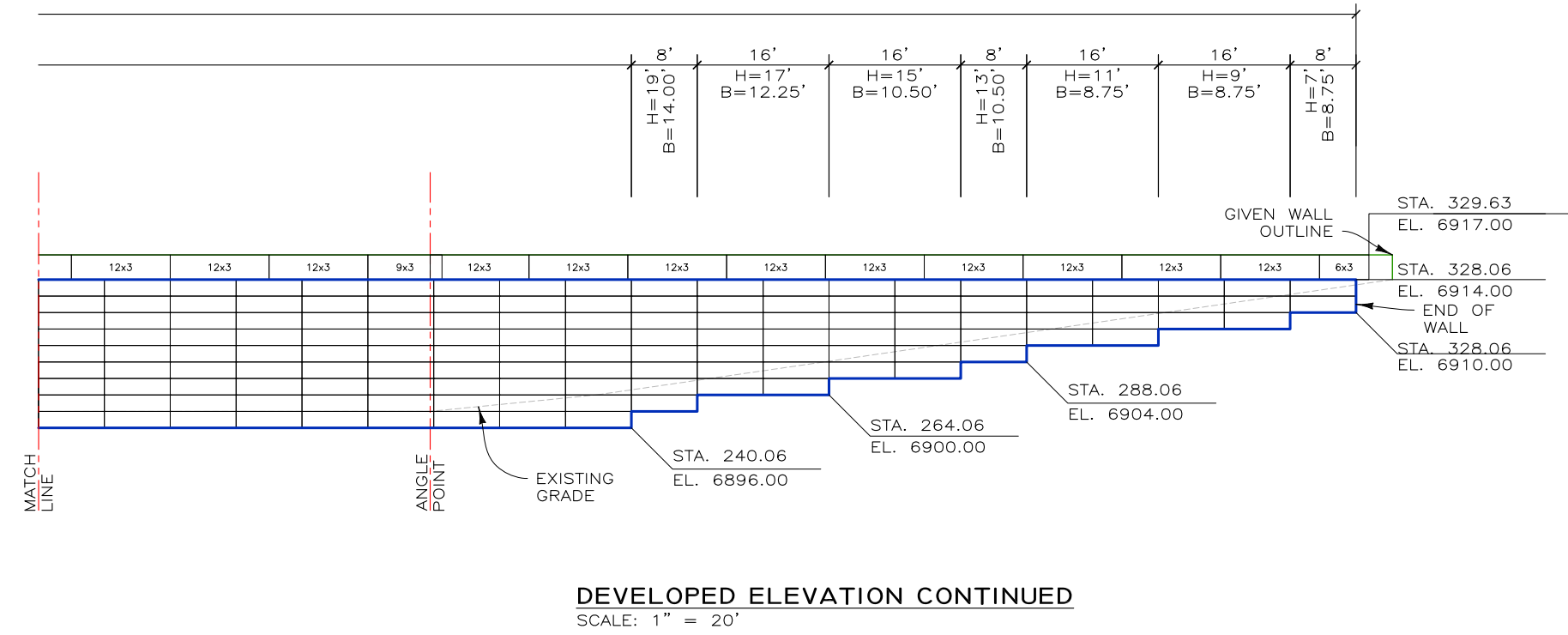
SHOP DRAWINGS
WELDED WIRE WALL / ARTWELD GABION
HOT WHEELS BASE TERMINAL
SE GROUP
ALPINE MEADOWS, CALIFORNIA
PLAN VIEW

PROJECT NO.
190312BW
SHEET
1
OF 5

190312BW HOT WHEELS BASE TERMINAL AT ALPINE MEADOWS



DEVELOPED ELEVATION
SCALE: 1" = 20'

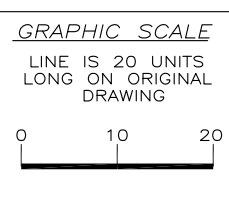


DEVELOPED ELEVATION CONTINUED
SCALE: 1" = 20'

ESTIMATED QUANTITY			
SIZE LxWxH	CY	REQUIRED AMOUNT	TOTAL CY
12x3x3	4	25	100 CY
9x3x3	6	2	12 CY
6x3x3	2	1	2 CY
TOTALS			114 CY
WELDED WIRE WALL		4,556 SQ. FT.	

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HILFIKER RETAINING WALLS

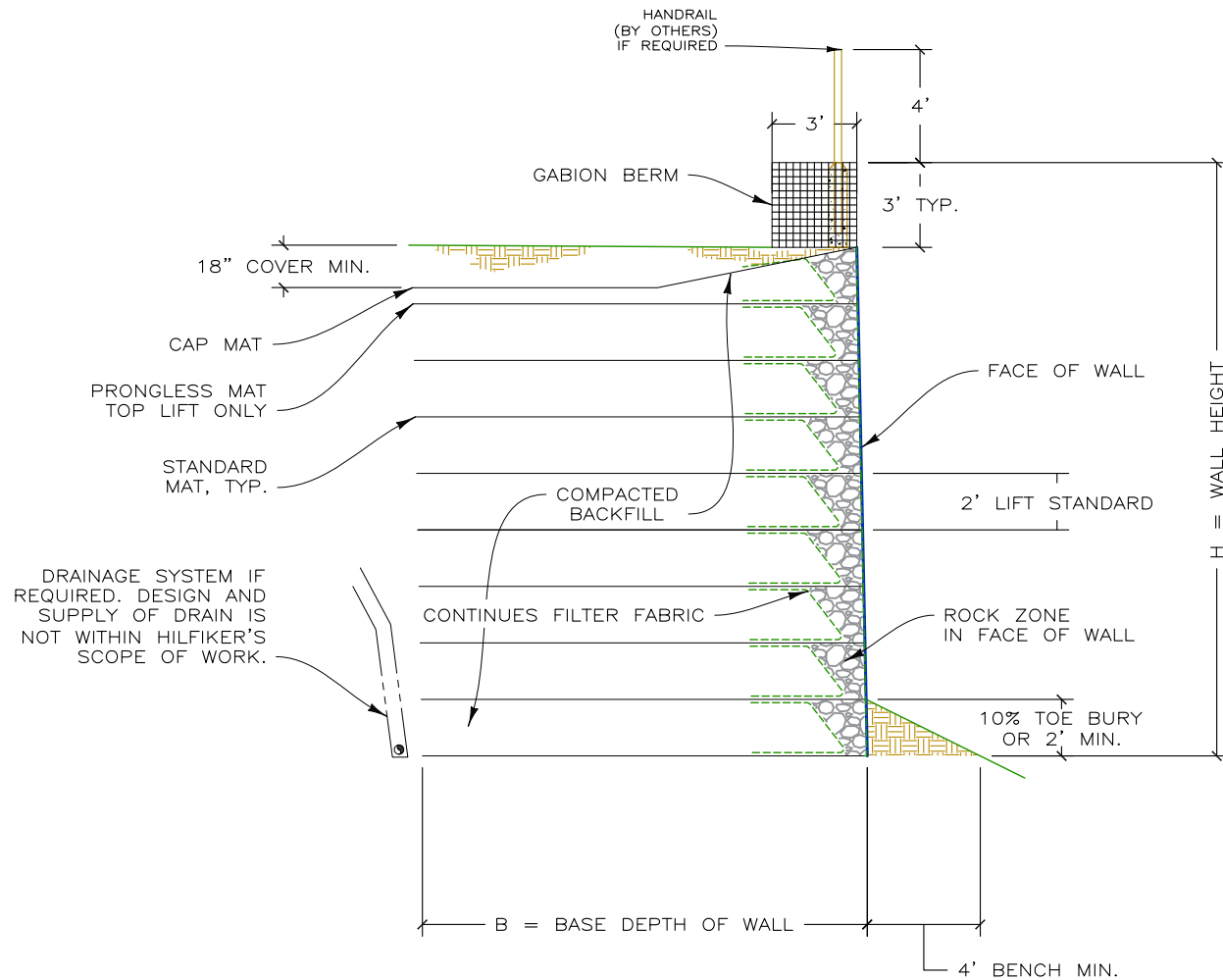
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DWG DATE
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SHOP DRAWINGS
WELDED WIRE WALL / ARTWELD GABION
HOT WHEELS BASE TERMINAL
SE GROUP
ALPINE MEADOWS, CALIFORNIA
ELEVATION VIEW

PROJECT NO.
190312BW
SHEET
2
OF
5

190312BW HOT WHEELS BASE TERMINAL AT ALPINE MEADOWS



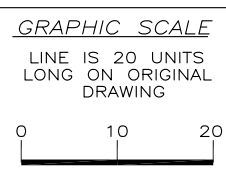
TYPICAL WELDED WIRE WALL SECTION
SCALE: 3" = 20'

PROJECT-SPECIFIC NOTES:

1. REFERENCE DRAWINGS: BASED OFF AUTOCAD DRAWING FROM CHRIS CRUSHING (CCRUSHING@SEGROUP.COM) RECEIVED VIA EMAIL MARCH 11, 2019.
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 AND/OR GABIONS 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.

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PROJ. MGR.
HKH
ENGINEER
CADD BY
AH

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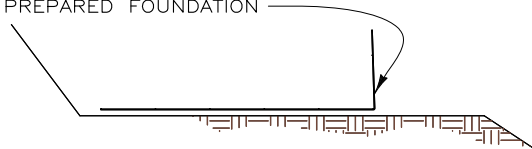
DWG DATE
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SCALE
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SHOP DRAWINGS
WELDED WIRE WALL / ARTWELD GABION
HOT WHEELS BASE TERMINAL
SE GROUP
ALPINE MEADOWS, CALIFORNIA
TYPICAL SECTION & NOTES

PROJECT NO.
190312BW
SHEET
3
OF 5

STEP 1

PLACE THE FIRST COURSE OF SOIL REINFORCEMENT MATS ON PREPARED FOUNDATION

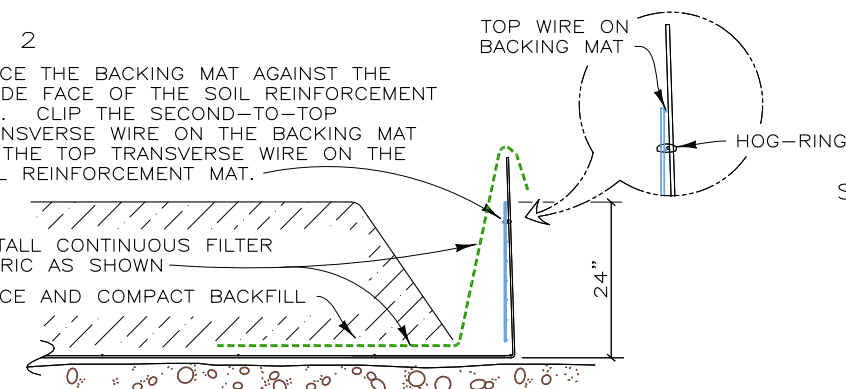


STEP 2

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 FILTER FABRIC AS SHOWN

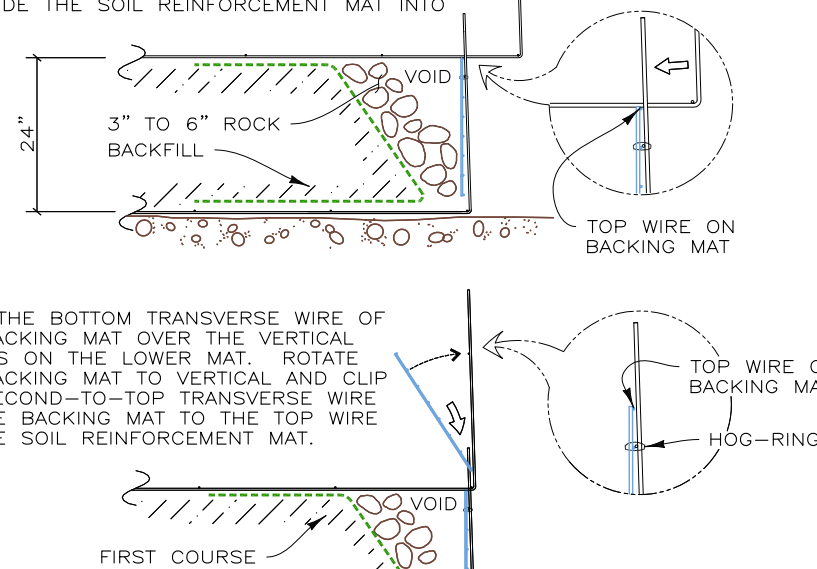
PLACE AND COMPACT BACKFILL



STEP 3

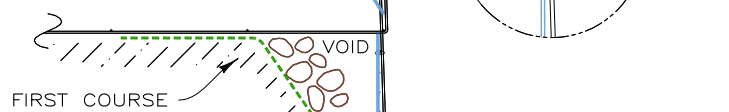
BRING THE FILTER FABRIC OVER THE FRONT AND TOP OF THE BACKFILL AS SHOWN. PLACE THE ROCK IN THE FACE OF THE WALL. LEAVE A VOID AS SHOWN.

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.



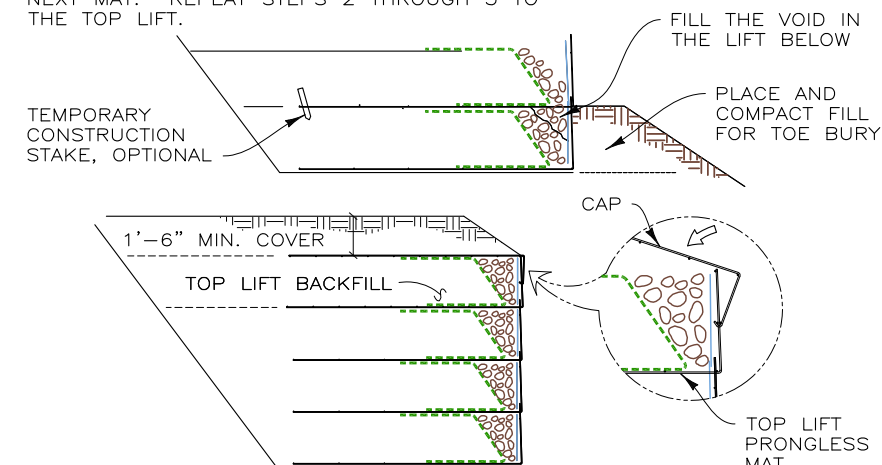
STEP 4

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.



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.

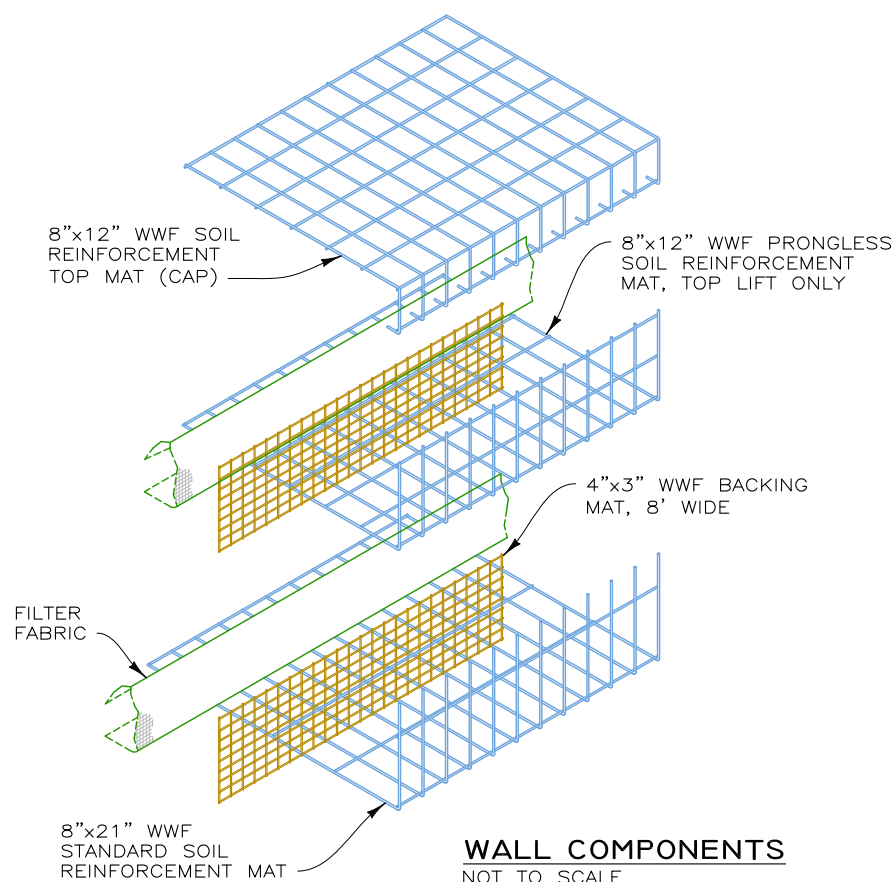


STEP 6: TOP LIFT

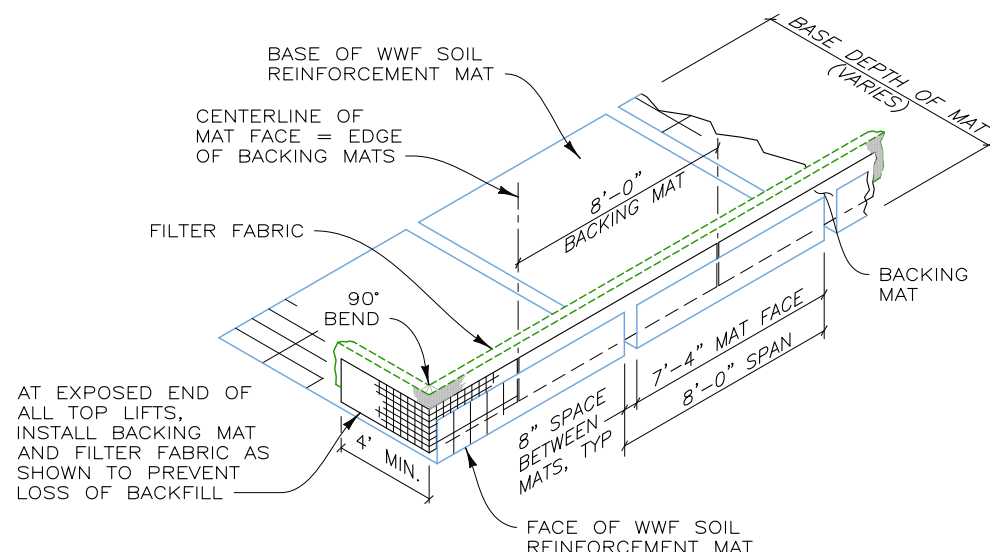
PLACE THE TOP LIFT PRONGLESS MAT, BACKING MAT AND FILTER FABRIC. PLACE AND COMPACT BACKFILL AND ROCK IN THE TOP LIFT. HOOK THE CAP OVER THE MIDDLE TRANSVERSE WIRE ON THE PRONGLESS MAT, AND ROTATE INTO PLACE. PLACE AND COMPACT COVER OVER TOP MAT TO 1'-6" MINIMUM DEPTH.

CONSTRUCTION SEQUENCE

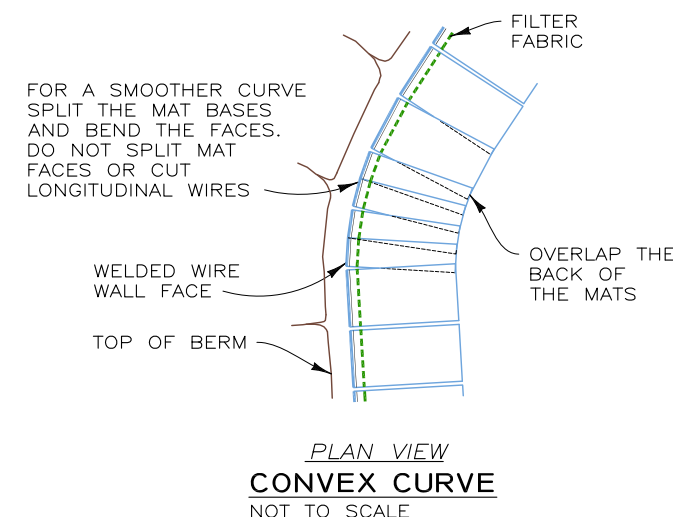
NOT TO SCALE



WALL COMPONENTS
NOT TO SCALE



WELDED WIRE WALL COMPONENTS WITH RETURN MAT
NOT TO SCALE

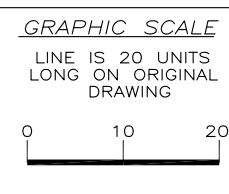


PLAN VIEW CONVEX CURVE
NOT TO SCALE

190312BW HOT WHEELS BASE TERMINAL AT ALPINE MEADOWS

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PROJ. MGR. HKH
ENGINEER
CADD BY AH

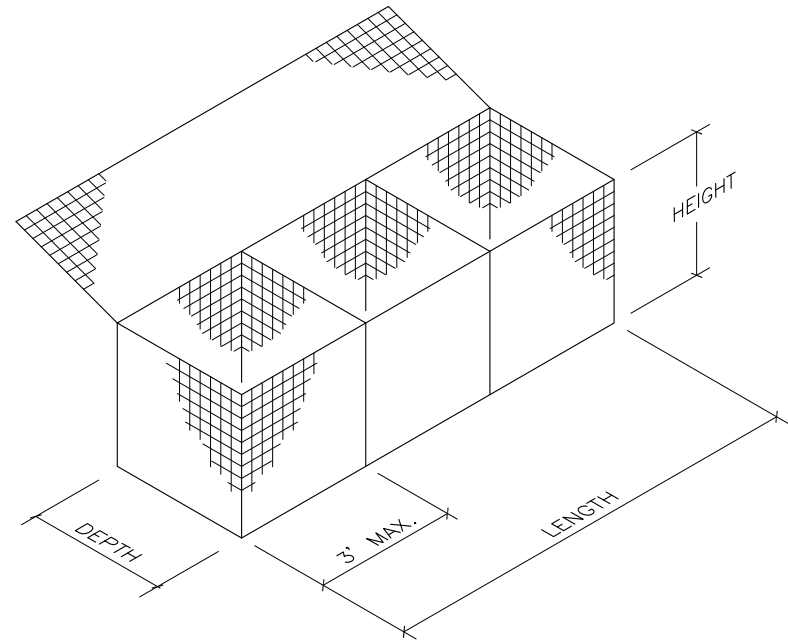
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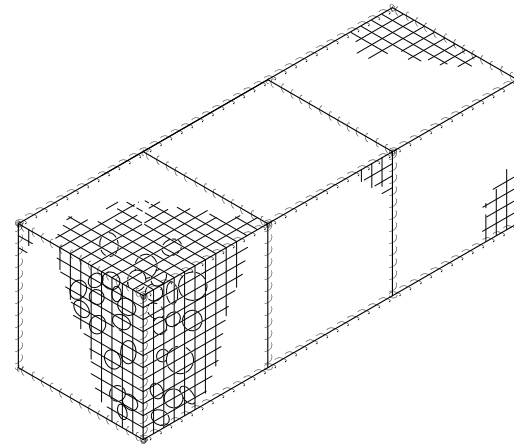
DWG DATE 26 MAR 19
REVISION DATE 12 JUL 19
SCALE NOTED

SHOP DRAWINGS
WELDED WIRE WALL / ARTWELD GABION
HOT WHEELS BASE TERMINAL SE GROUP
ALPINE MEADOWS, CALIFORNIA
WWW CONSTRUCTION SEQUENCE

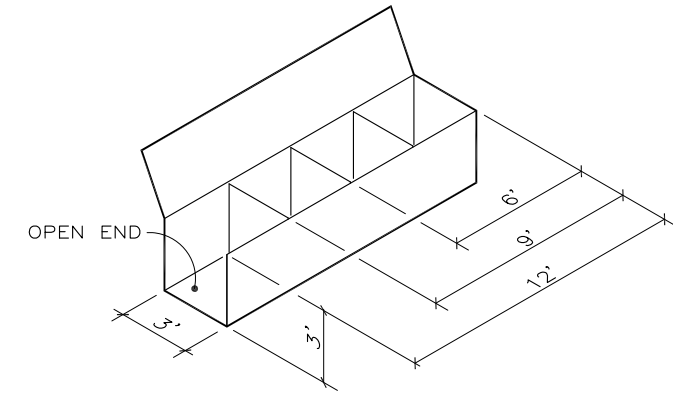
PROJECT NO. 190312BW
SHEET 4 OF 5



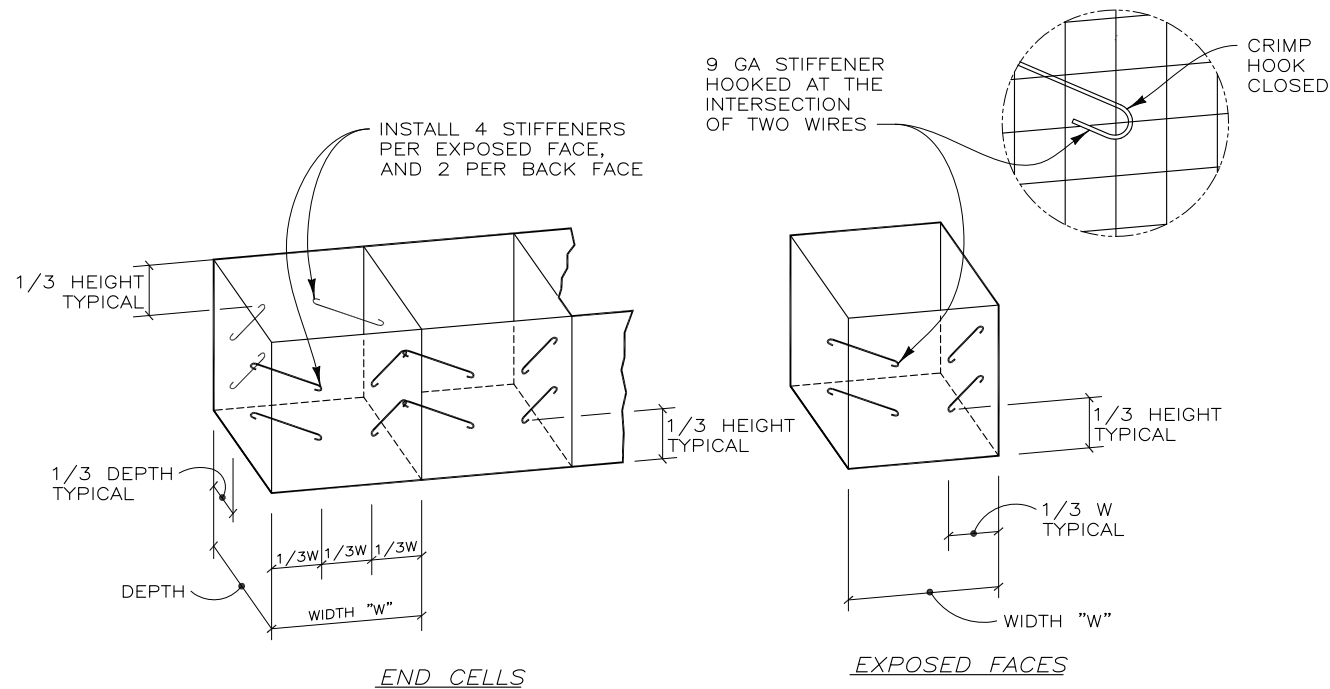
TYPICAL GABION
NOT TO SCALE



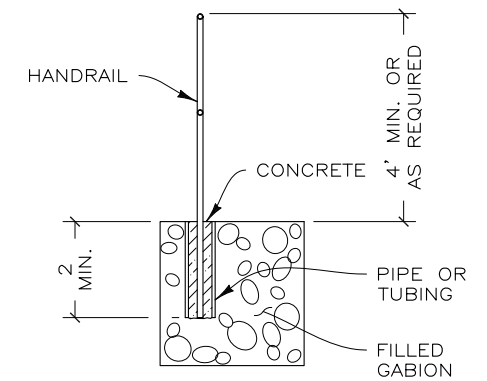
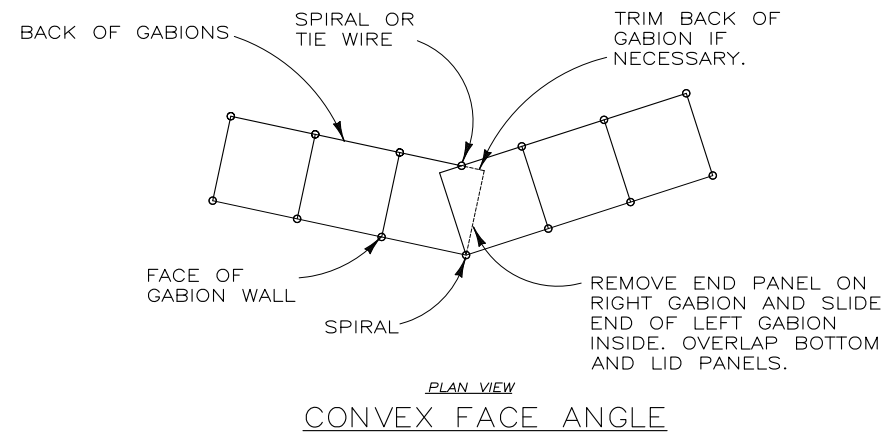
TYPICAL ASSEMBLED GABION
NOT TO SCALE



NOTE: SIZES CAN VARY
TYPICAL OPEN END
NOT TO SCALE



STIFFENER DETAILS
NOT TO SCALE



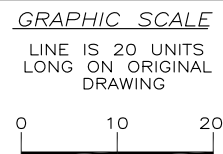
HANDRAIL ANCHORED IN GABION
NOT TO SCALE

WHERE HEIGHT OF GABION IS 2' OR LESS, INSTALL 2 STIFFENERS PER FACE
WHERE HEIGHT IS 12", NO STIFFENERS REQUIRED

190312BW HOT WHEELS BASE TERMINAL AT ALPINE MEADOWS

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ALPINE MEADOWS, CALIFORNIA
GABION CONSTRUCTION SEQUENCE

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