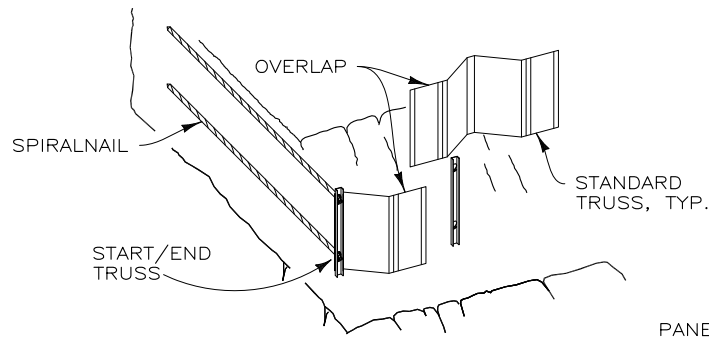


STEP 1

IF PREPARED SOIL WILL SUPPORT PILASTERS, POSITION PILASTERS EVERY SIX FEET THREE INCHES ALONG WALL LAYOUT LINE AND SET BOTTOM OF PILASTER INTO GROUND PER PROJECT PLANS.

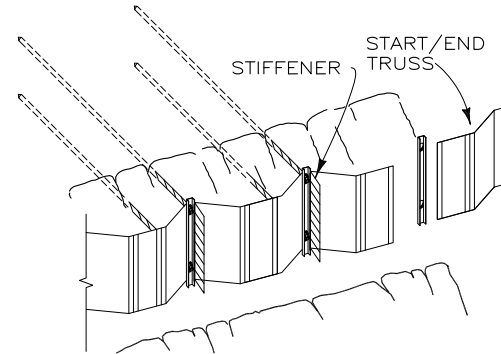
IF PILASTERS CANNOT BE PRE-POSITIONED, PLACE START/END TRUSS ON PREPARED SLOPE FIRST THEN POSITION THE PILASTER CHANNEL AGAINST THE EDGE OF THE TRUSS AND SET BOTTOM OF PILASTER INTO GROUND PER PROJECT PLANS. DRIVE SPIRALNAILS THROUGH THE PILASTER INTO THE SOIL. PLACE CAM LOCK ON EACH SPIRALNAIL AND TIGHTEN TO TORQUE SPECIFICATIONS.



STEP 2

IF PILASTERS HAVE NOT BEEN PRE-POSITIONED, POSITION NEXT PILASTER AND SET INTO GROUND. PLACE THE STANDARD TRUSS BEHIND PILASTER AND OVERLAP PANEL AGAINST THE START/END TRUSS USING ZIP TIES OR TIE WIRE TO SECURE TRUSS IN PLACE. DRIVE IN SPIRALNAILS AND LOCK WITH CAM LOCKS.

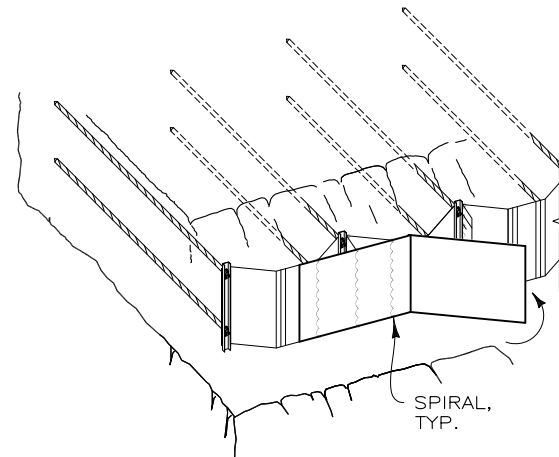
CONTINUE ADDING STANDARD TRUSSES ALONG WALL ENDING AT FINAL PILASTER WITH A START/END TRUSS



STEP 3

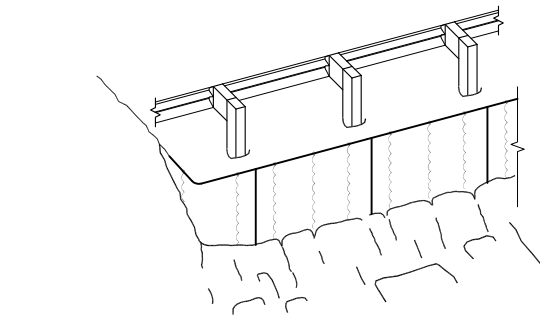
POSITION START/END TRUSS, ADD PILASTER IF NEEDED, DRIVE IN SPIRALNAILS AND LOCK IN PLACE WITH CAM LOCKS.

SPIRAL STIFFENERS ONTO STANDARD TRUSSES AT WIRE ON RIGHT SIDE OF PILASTER.



STEP 4

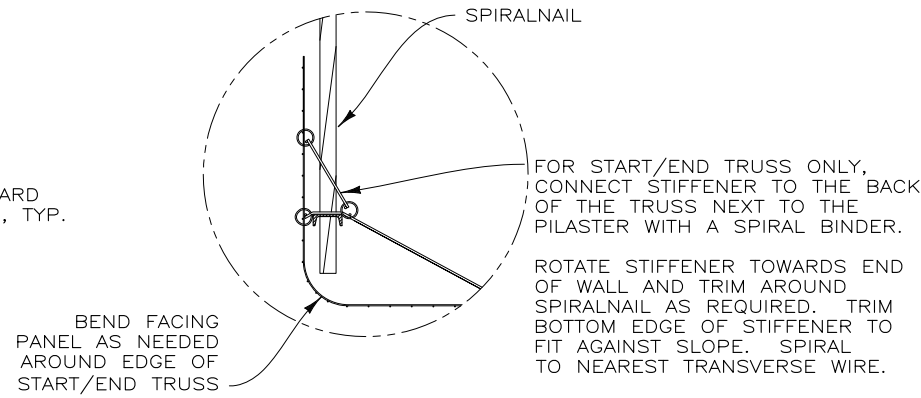
TO BEGIN FACING THE WALL, CENTER EDGES OF A FACING PANEL ON TRUSS PANEL OVERLAPS. SPIRAL THE STIFFENER TO THE CENTER OF THE FACING PANEL THEN PLACE SPIRALS AT THE ENDS OF OVERLAP. SEE STIFFENER DETAIL AND PANEL CONNECTION DETAILS ON THIS SHEET.



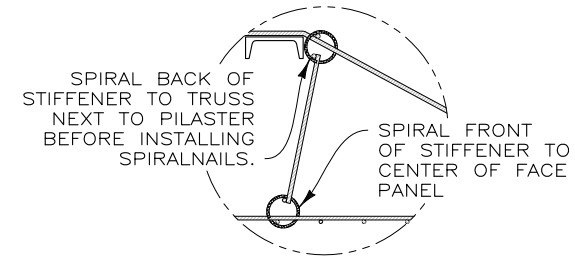
STEP 5

FOR CLOSURE FACING AT EACH END OF WALL, BEND FACING PANEL PER PROJECT PLANS AND INSERT END OF PANEL AGAINST PREVIOUS FACING. FIELD FIT OPPOSITE END AND TRIM AS NEEDED AGAINST SLOPE. SPIRAL FACING TO START/END TRUSS PANEL AND TO STIFFENER. SEE END OF WALL TREATMENT, THIS SHEET.

FILL AREA BEHIND WALL WITH BACKFILL PER PROJECT PLANS. COMPACT SOIL AGAINST FACE OF WALL FOR TOE BURY.

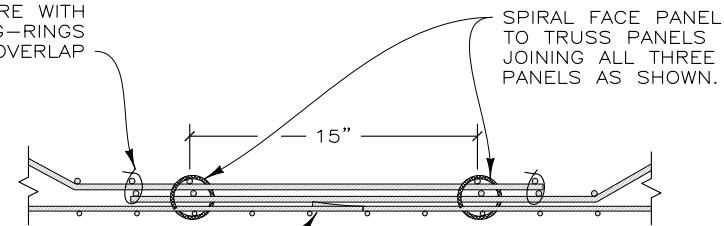


END OF WALL TREATMENT
NOT TO SCALE



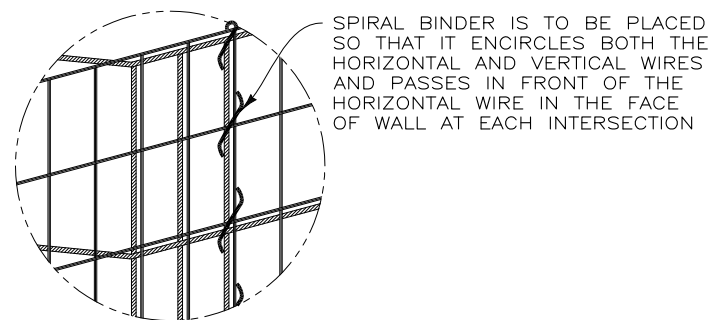
STIFFENER DETAIL
NOT TO SCALE

PLACE LEADING EDGE OF SECOND TRUSS AGAINST CENTER WIRE OF THREE ON THE PREVIOUS TRUSS. TEMPORARILY SECURE WITH TIE-WIRE OR HOG-RINGS AT BOTH ENDS OF OVERLAP

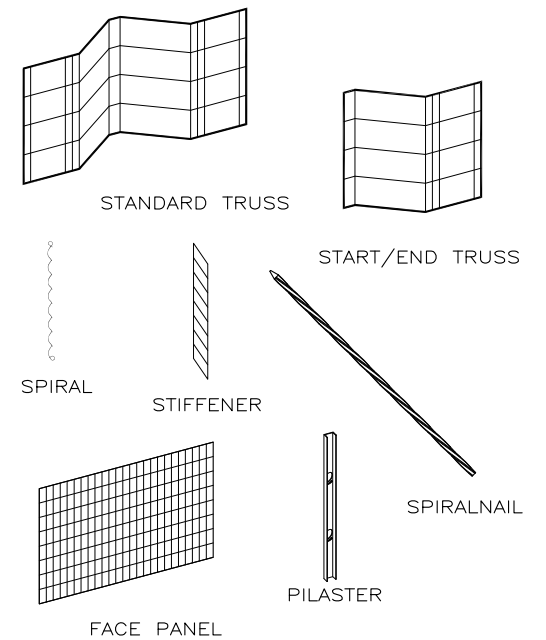


PLACE ENDS OF FACE PANELS AT CENTER OF PANEL OVERLAP. PRONGS ON FACE PANELS ARE INTERLAPPED TO ADJUST FIT OF FACE PANEL.

PANEL CONNECTION DETAILS
NOT TO SCALE



SPIRAL BINDER ATTACHMENT
NOT TO SCALE



WALL COMPONENTS
NOT TO SCALE

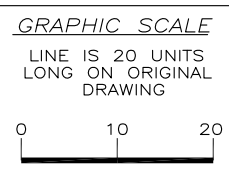
CONSTRUCTION SEQUENCE

TYPICAL SECTION
SCALE: 1"=5'

STANDARD DRAWINGS \ SPIRALNAIL \ SPIRALNAIL WIRETRUSS WITH GUARDRAIL SPACING

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REV.NO.	DATE	BY	DESCRIPTION
1	26 AUG 15	AMJ	REMOVED PRONGS ON FACING PANEL



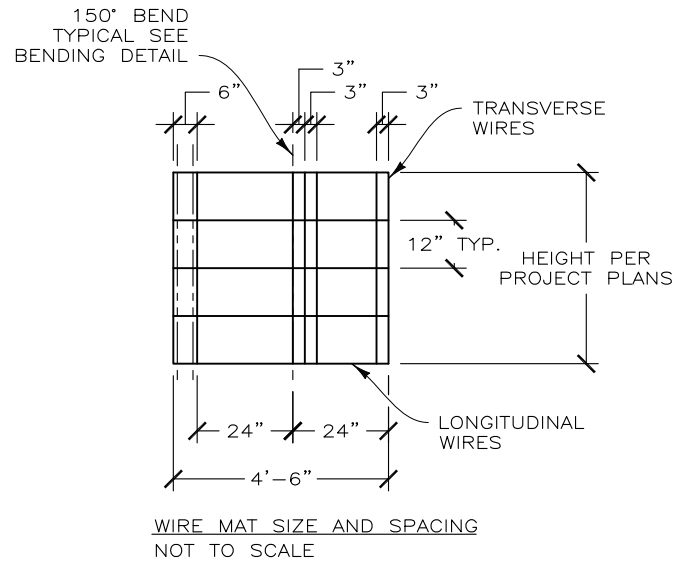
PROJ.MGR. BH
ENGINEER
CADD BY HRW

HILFIKER RETAINING WALLS

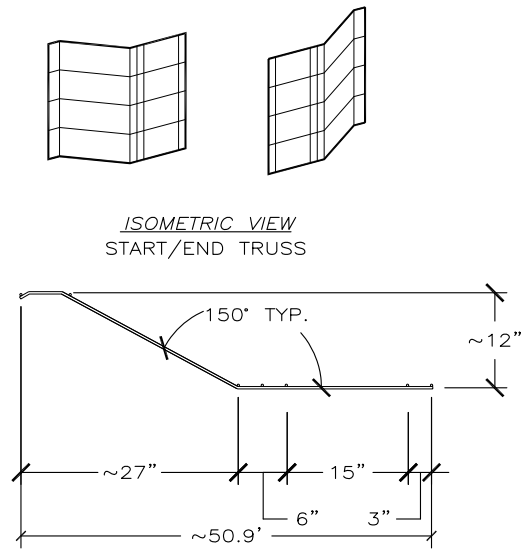
1902 Hilfiker Lane
Eureka, CA 95503-5711
TOLL-FREE 800.762.8962
PH 707.443.5093 FAX 707.443.2891
WEBSITE www.hilfiker.com E-MAIL info@hilfiker.com

DWG DATE 31 MAR 14
REVISION DATE 26 AUG 15
SCALE NOTED

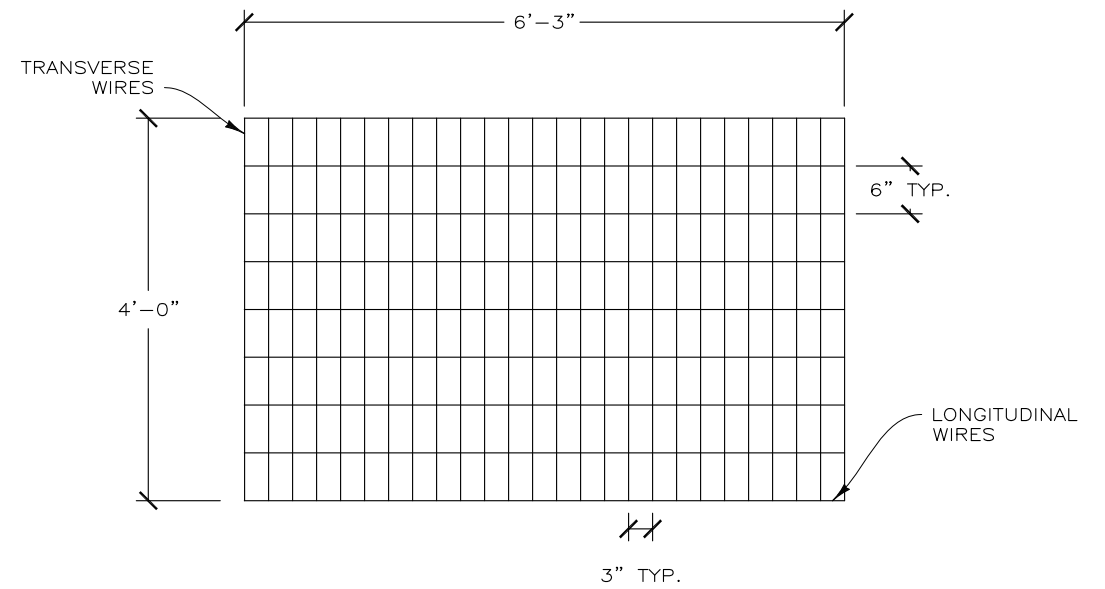
STANDARD DRAWING	PROJECT NO. --
SPIRALNAIL WIRETRUSS SYSTEM WITH GUARDRAIL SPACING	SHEET 1 OF 3
DETAILS AND NOTES	



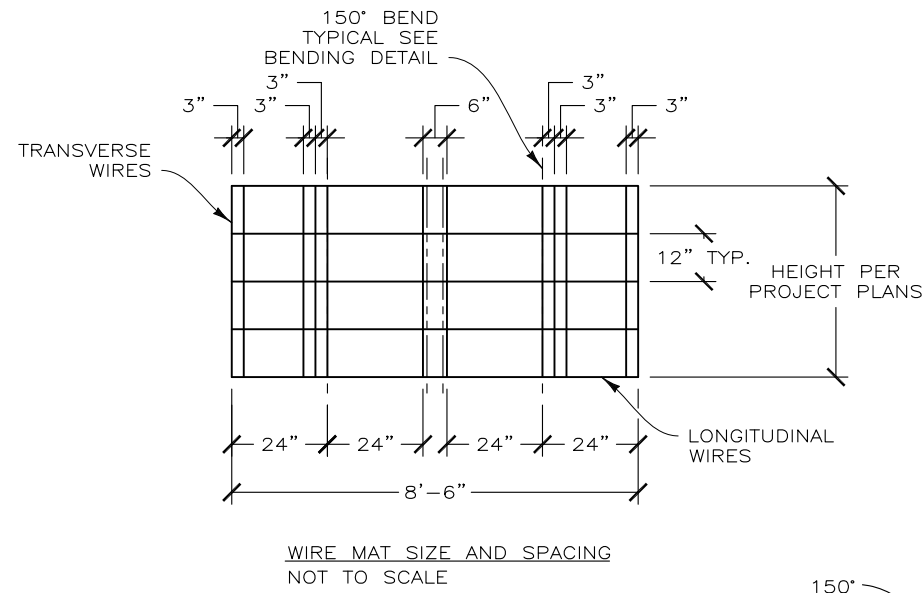
START/END TRUSS



BENDING DETAILS
SCALE: 1/2"=1'

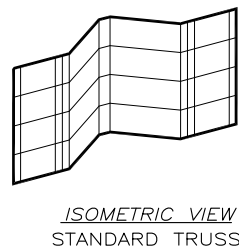


FACING PANEL
SCALE: 1/2"=1'

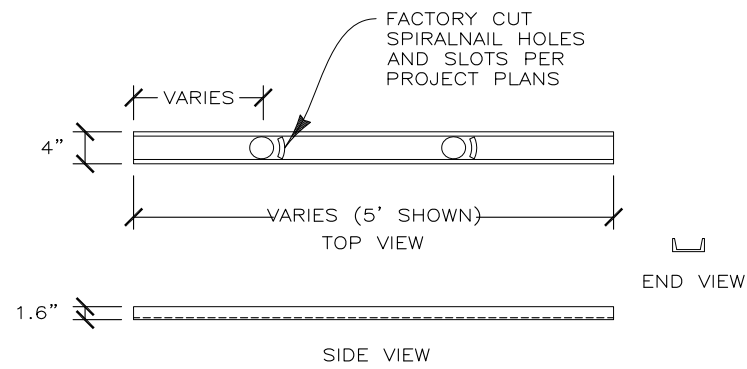


STANDARD TRUSS

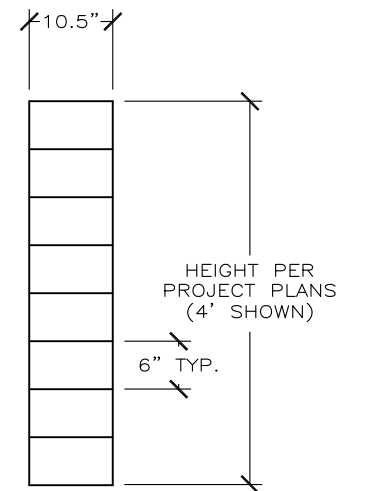
APPROX. (~) DIMENSIONS ARE BASED ON BENDS AND MAY DIFFER SLIGHTLY



BENDING DETAILS
SCALE: 1/2"=1'



PILASTER CHANNEL
SCALE: 1/2"=1'

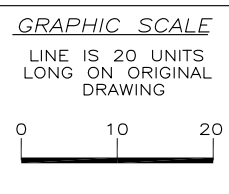


STIFFENER
SCALE: 1/2"=1'

STANDARD DRAWINGS \ SPIRALNAIL \ SPIRALNAIL WIRETRUSS WITH GUARDRAIL SPACING

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REV. NO.	DATE	BY	DESCRIPTION
1	26 AUG 15	AMJ	REMOVED PRONGS ON FACING PANEL



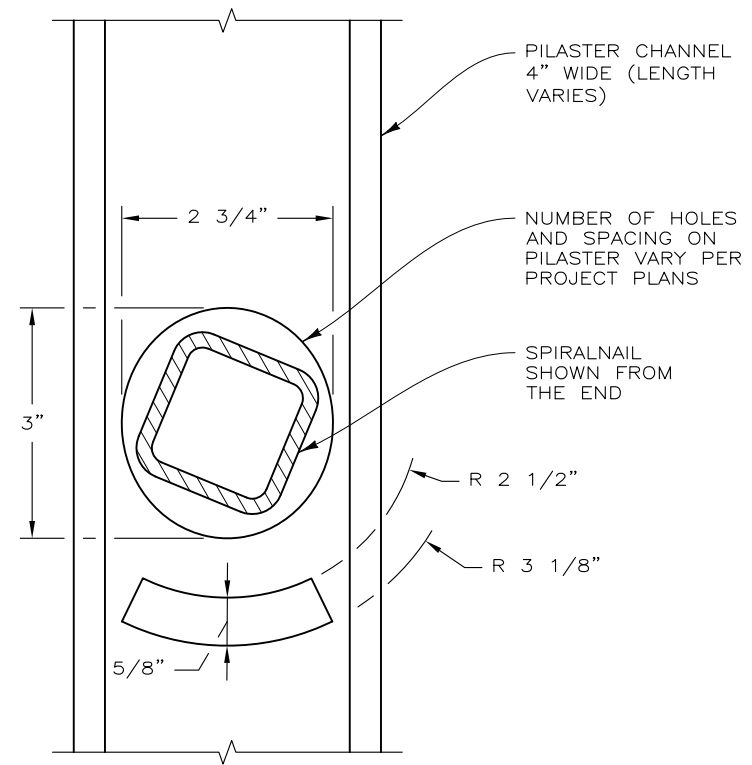
PROJ. MGR. BH
ENGINEER
CADD BY HRW

HILFIKER RETAINING WALLS

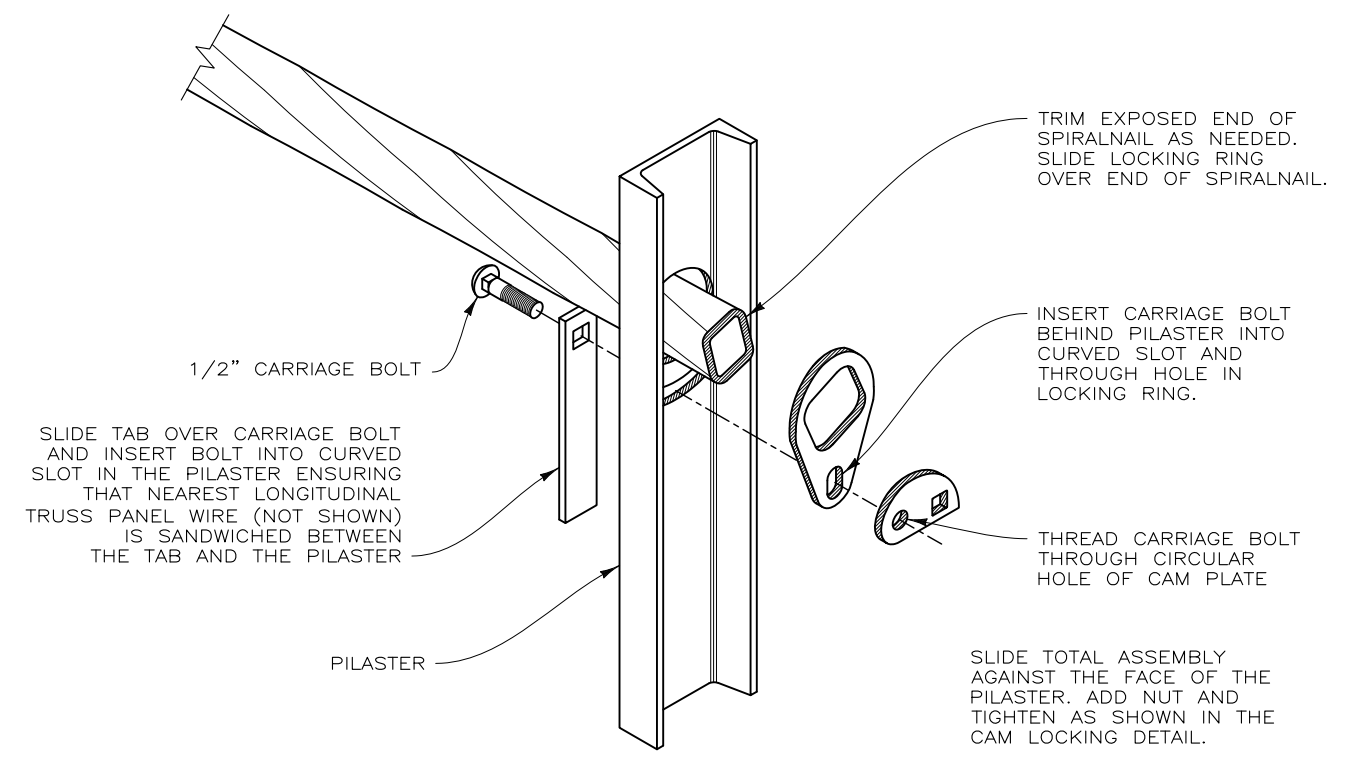
1902 Hilfiker Lane
Eureka, CA 95503-5711
TOLL-FREE 800.762.8962
PH 707.443.5093 FAX 707.443.2891
WEBSITE www.hilfiker.com E-MAIL info@hilfiker.com

DWG DATE	31 MAR 14
REVISION DATE	26 AUG 15
SCALE	NOTED

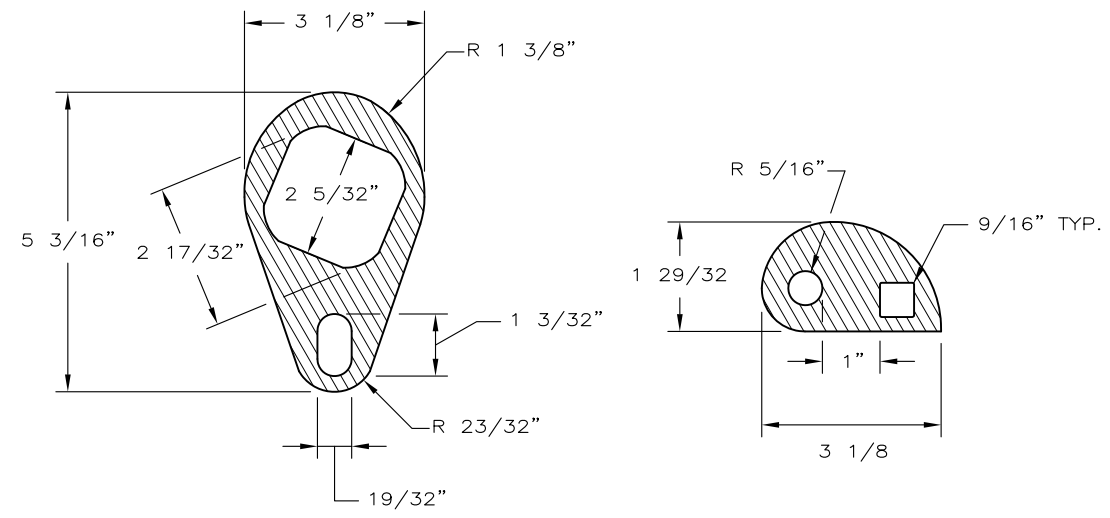
STANDARD DRAWING	PROJECT NO. ---
SPIRALNAIL WIRETRUSS SYSTEM WITH GUARDRAIL SPACING	SHEET 2 OF 3
PANEL DIMENSIONS AND DETAILS	



PILASTER
NOT TO SCALE

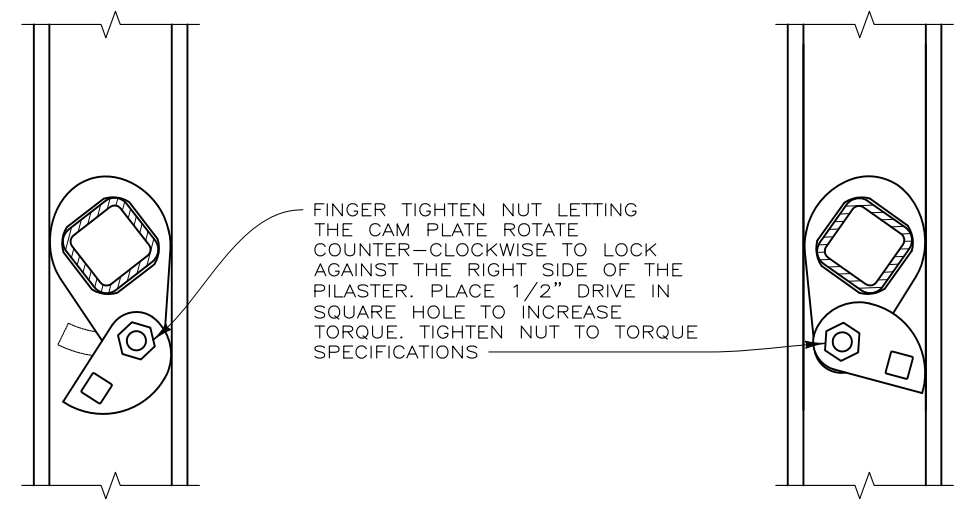


CAM LOCK ASSEMBLY
NOT TO SCALE



LOCKING RING
NOT TO SCALE

CAM PLATE
NOT TO SCALE



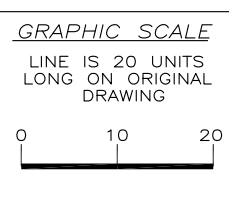
CAM LOCK LOCKING DETAIL
NOT TO SCALE

CAM LOCK COMPONENTS
NOT TO SCALE

STANDARD DRAWINGS \ SPIRALNAIL \ SPIRALNAIL WIRETRUSS WITH GUARDRAIL SPACING

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BH
ENGINEER
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HILFIKER RETAINING WALLS

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STANDARD DRAWING

SPIRALNAIL WIRETRUSS SYSTEM WITH GUARDRAIL SPACING

CAM LOCK DETAILS

PROJECT NO.
--
SHEET
3
OF 3