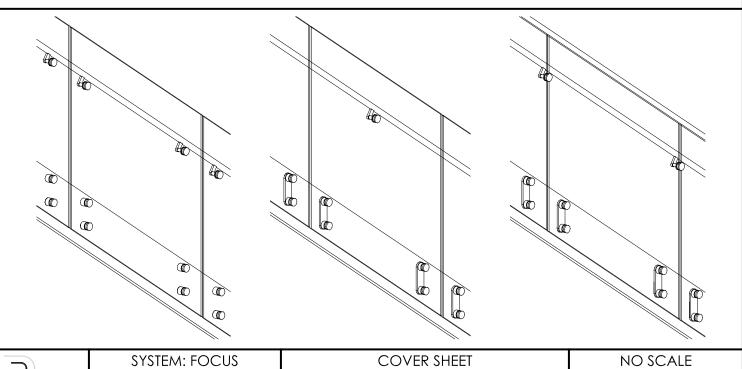


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FOCUS SYSTEM

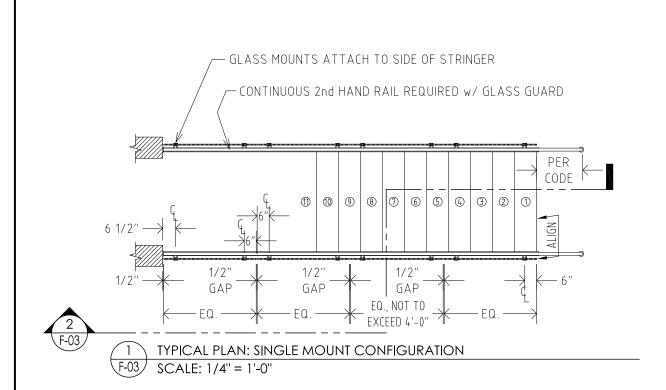
TECHNICAL DETAILS

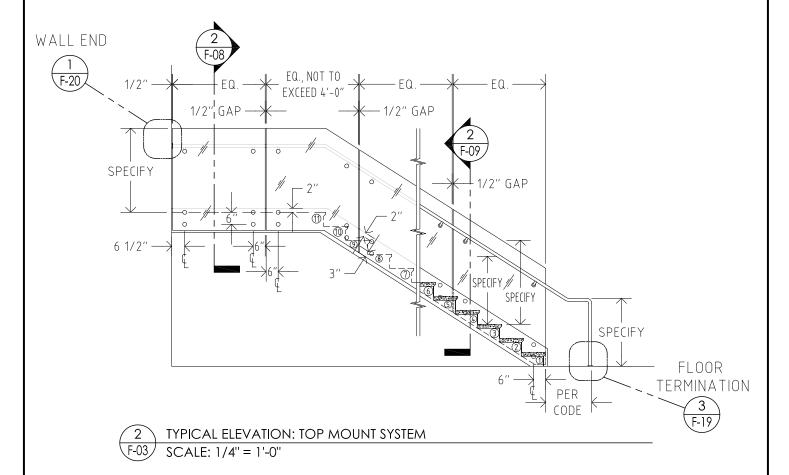


	system: focus	COVER SHEET	no scale
		focus system	
ARTEC	revision 2016-05		SHEET F-01 of 25

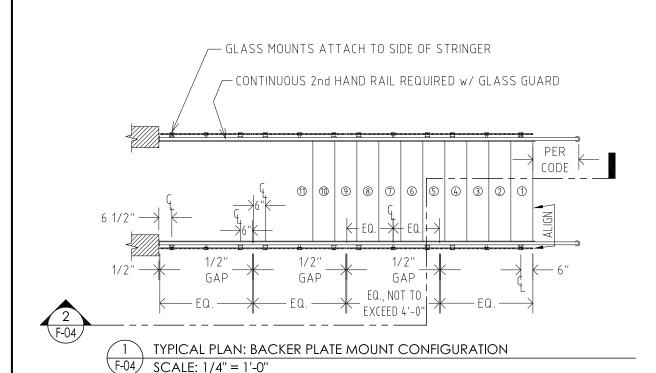
PAGE NUMBER	CONTENTS
F-01	COVER SHEET
F-02	TABLE OF CONTENTS
F-03	SINGLE MOUNTS: PLAN AND ELEVATION
F-04	BACKER PLATE MOUNTS: PLAN AND ELEVATION
F-05	HAND RAIL FITTINGS AT GAP: PLAN AND ELEVATION
F-06	CURVED RAILINGS: PLAN
F-07	WALL MOUNT AND NO-INFILL RAILINGS: PLAN AND ELEVATION
F-08	DETAIL ELEVATION: SINGLE MOUNTS ON LEVEL RUN
F-09	DETAIL ELEVATION: SINGLE MOUNTS ON STAIR RUN
F-10	DETAIL ELEVATION: BACKER PLATE MOUNTS ON LEVEL RUN
F-11	DETAIL ELEVATION: BACKER PLATE MOUNTS ON STAIR RUN
F-12	DETAIL ELEVATION: HAND RAIL FITTINGS AT GAP ON LEVEL RUN
F-13	DETAIL ELEVATION: HAND RAIL FITTINGS AT GAP ON STAIR RUN
F-14	BALUSTER ANCHORAGE DETAILS: SINGLE MOUNTS, STEEL
F-15	BALUSTER ANCHORAGE DETAILS: BACKER PLATE MOUNTS, STEEL
F-16	BALUSTER ANCHORAGE DETAILS: SINGLE MOUNTS, CONCRETE & WOOD
F-17	BALUSTER ANCHORAGE DETAILS: BACKER PLATE MOUNTS, CONCRETE & WOOD
F-18	FITTING DETAILS: 2nd HAND RAIL AND OPTIONAL TOP CAP
F-19	FITTING DETAILS: END CAP & RAILING STARTERS
F-20	FITTING DETAILS: HAND RAIL WALL TERMINATION
F-21	FITTING DETAILS: WALL MOUNT BRACKETS
F-22	DETAIL PLANS: SIDE MOUNT CONDITIONS
F-23	TUBE BENDING / ELBOWS
F-24	DETAILS: WOOD RAILS
F-25	DETAILS: L.E.D. LIGHTS IN RAILINGS

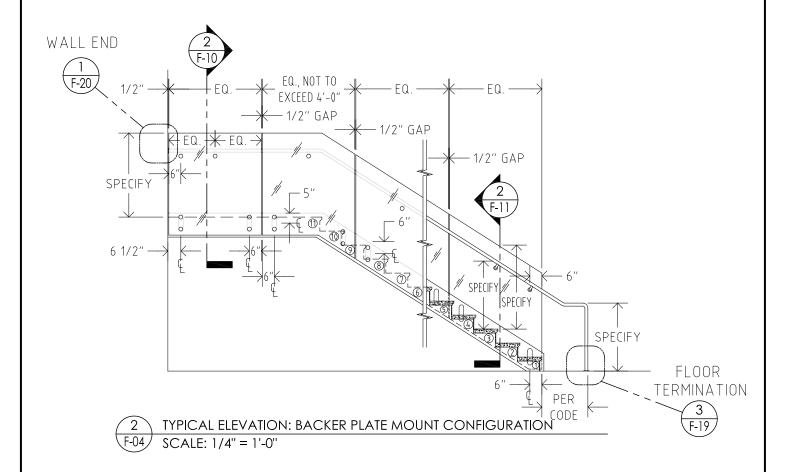
	SYSTEM: FOCUS	CONTENTS	NO SCALE
(2)		FOCUS SYSTEM	
ARTEC	revision 2016-05		SHEET F-02 of 25



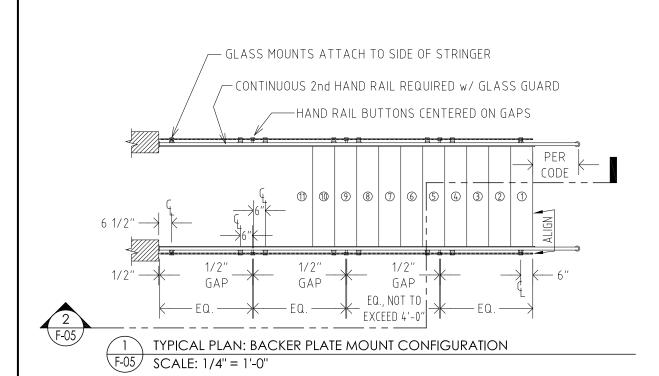


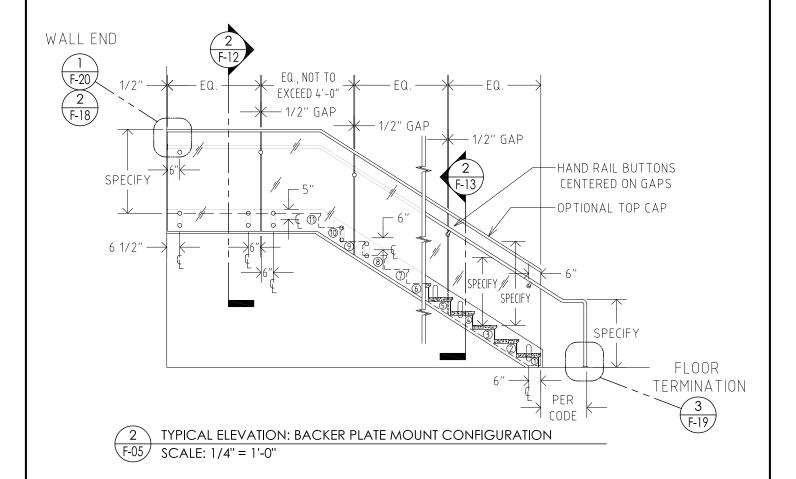
	SYSTEM: FOCUS	PLAN & ELEVATION	1/4" = 1'-0" (8.5 x 11)
		SINGLE MOUNTS	
ARTEC	REVISION 2016-05		SHEET F-03 of 25



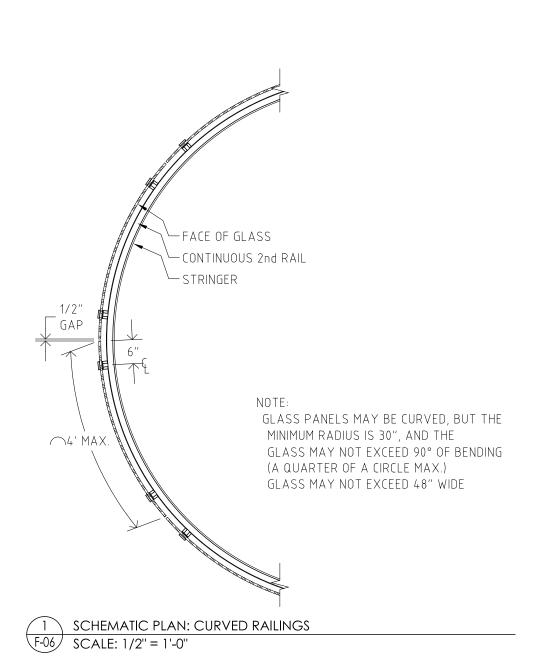


	system: focus	PLAN & ELEVATION	1/4" = 1'-0" (8.5 x 11)
		BACKER PLATE MOUNTS	
ARTEC	revision 2016-05		SHEET F-04 of 25

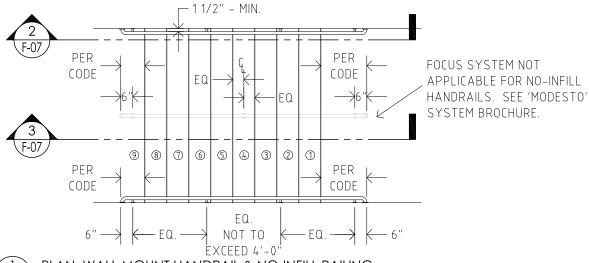




	system: focus	PLAN & ELEVATION	1/4" = 1'-0" (8.5 x 11)
		BACKER PLATE MOUNTS	
ARTEC	REVISION 2016-05	HAND RAIL MOUNTS AT GAP	SHEET F-05 of 25

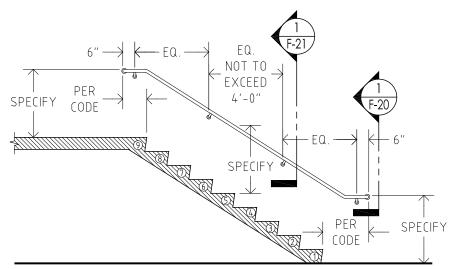


$\overline{}$	system: focus	PLAN & ELEVATION	1/2" = 1'-0" (8.5 x 11)
		CURVED RAILINGS	
ARTEC	revision 2016-05		SHEET F-06 of 25



1 PLAN: WALL MOUNT HANDRAIL & NO-INFILL RAILING

F-07/ SCALE: 1/4" = 1'-0"

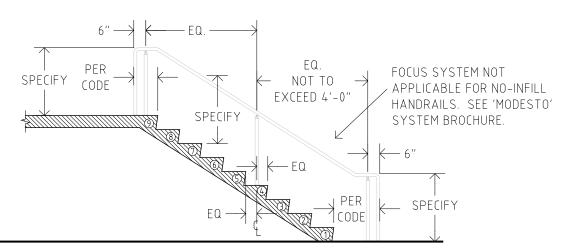


NOTES:

HANDRAIL TUBES IN 304 STAINLESS STEEL - 1.9" O.D. APPROVED BY A.D.A. (1 $\frac{7}{8}$ " O.D.) OR 1.5" O.D. (1 $\frac{1}{2}$ ") WITH 360-400 GRIT FINISH (CIRCUMFERENCIAL). "MODESTO' SYSTEM BALUSTER TUBES IN 304 STAINLESS STEEL - 1.66" O.D. (1-11/16" O.D.) WITH STANDARD MILL BRUSHED FINISH (LONGITUDINAL).

2 ELEVATION: WALL MOUNT HANDRAIL

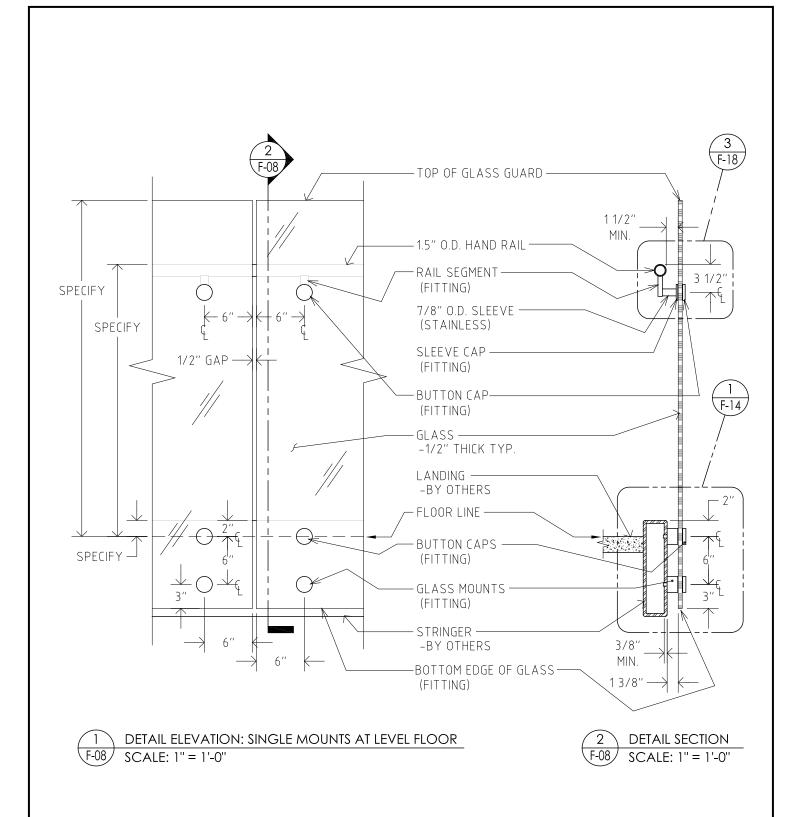
F-07 SCALE: 1/4" = 1'-0"



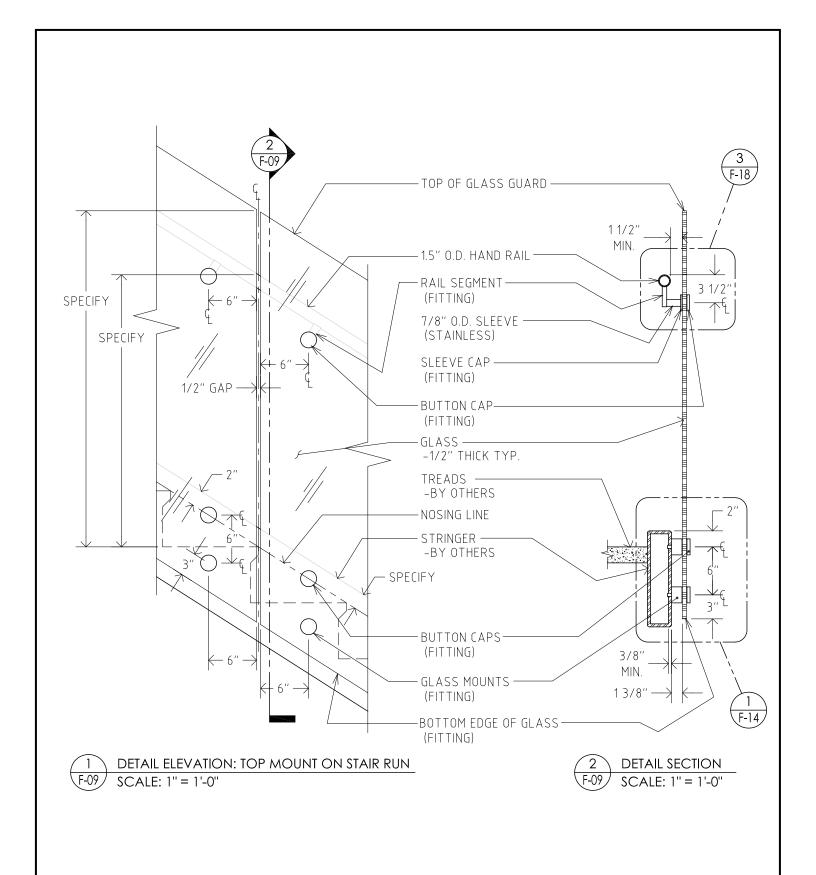
ELEVATION: NO-INFILL RAILING

F-07 SCALE: 1/4" = 1'-0"

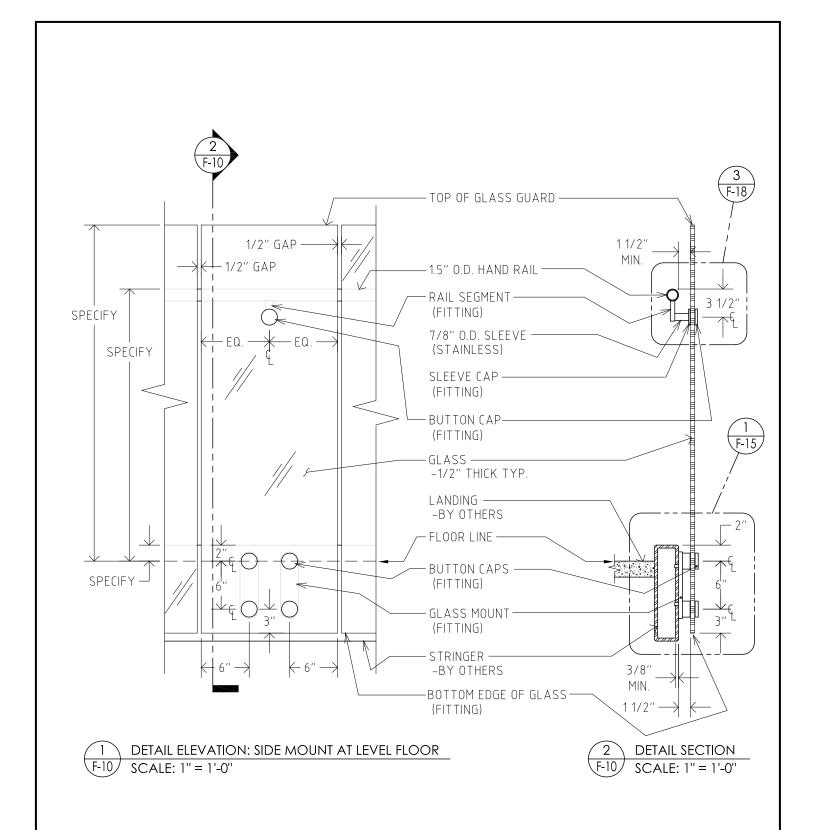
	SYSTEM: FOCUS	PLAN & ELEVATION	1/4" = 1'-0" (8.5 x 11)
		WALL MOUNT & NO-INFILL RAILINGS	
ARTEC	revision 2016-05		SHEET F-07 of 25



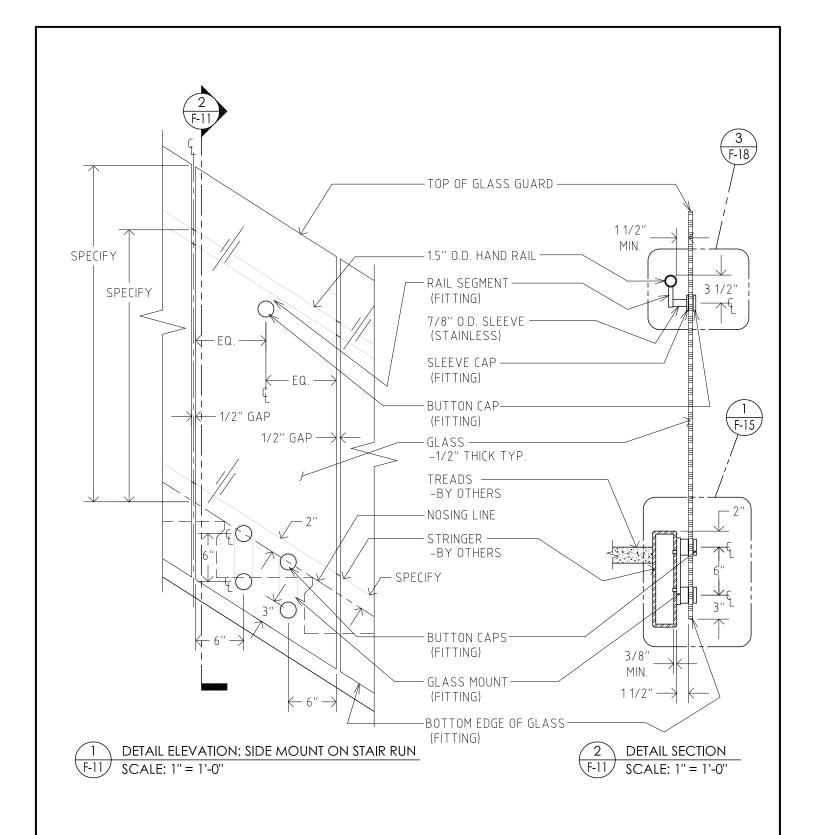
	SYSTEM: FOCUS	DETAIL ELEVATION & SECTION	1" = 1'-0" (8.5 x 11)
		SINGLE MOUNTS	
ARTEC	REVISION 2016-05	RAILING RUN AT LEVEL FLOOR	SHEET F-08 of 25



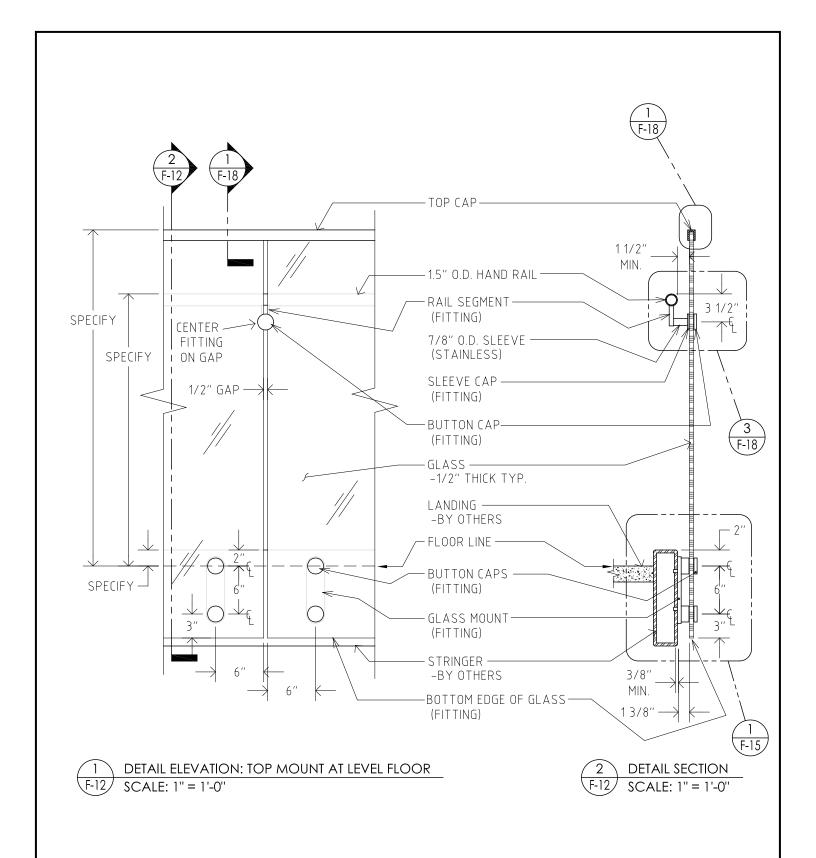
	system: focus	DETAIL ELEVATION & SECTION	1" = 1'-0" (8.5 x 11)
		SINGLE MOUNTS	
ARTEC	REVISION 2016-05	RAILING RUN AT STAIRS	SHEET F-09 of 25



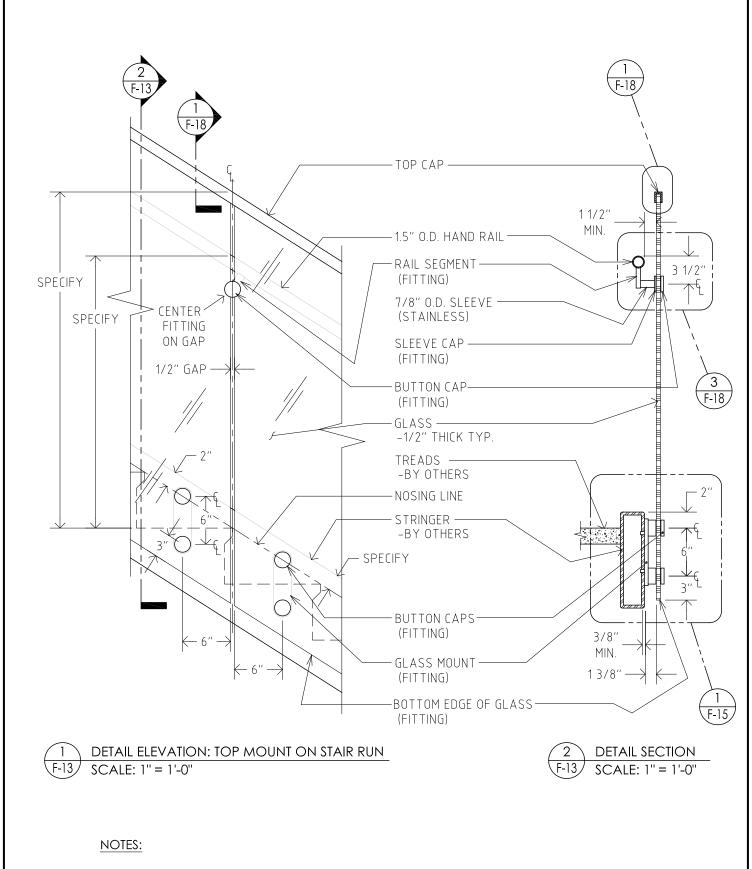
$\overline{}$	system: focus	DETAIL ELEVATION & SECTION	1" = 1'-0" (8.5 x 11)
		BACKER PLATE MOUNTS	
ARTEC	revision 2016-05	RAILING RUN AT LEVEL FLOOR	SHEET F-10 of 25



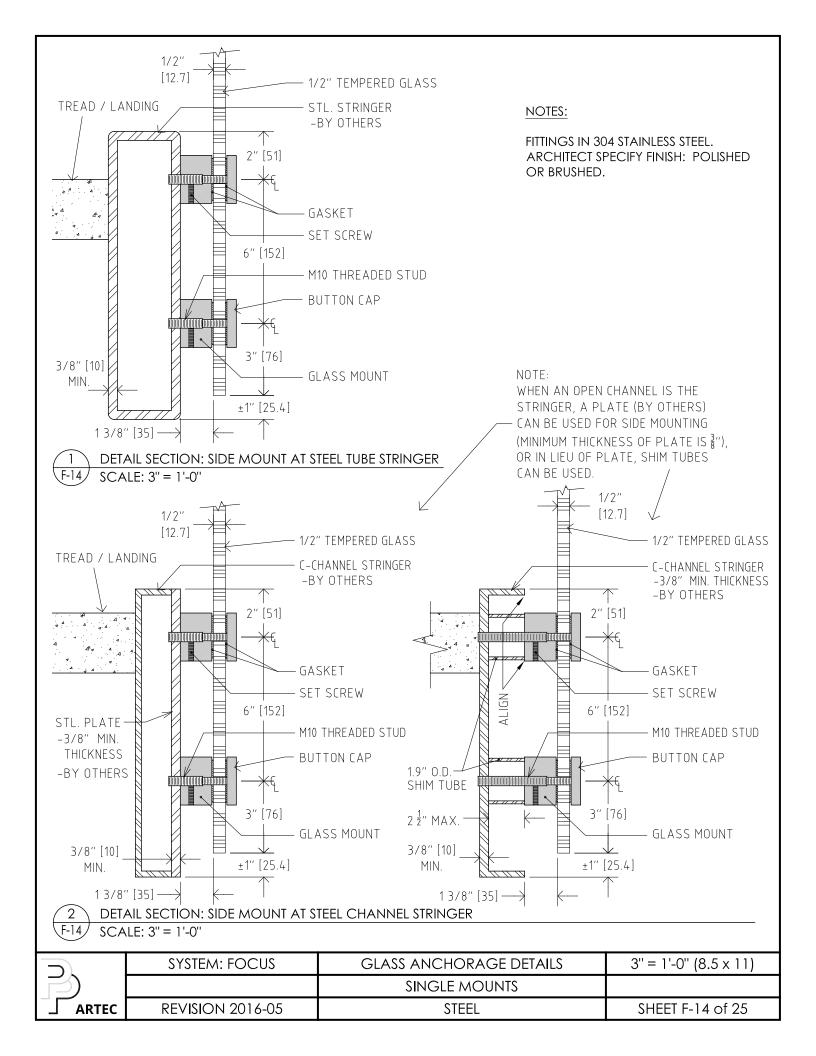
	SYSTEM: FOCUS	DETAIL ELEVATION & SECTION	1" = 1'-0" (8.5 x 11)
		BACKER PLATE MOUNTS	
ARTEC	REVISION 2016-05	RAILING RUN AT STAIRS	SHEET F-11 of 25

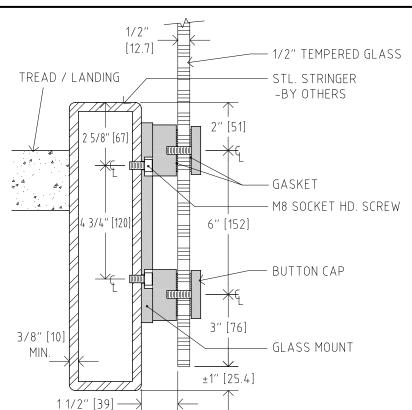


$\overline{}$	system: focus	DETAIL ELEVATION & SECTION	1" = 1'-0" (8.5 x 11)
		BACKER PLATE MOUNTS - HANDRAIL AT GAP	
ARTEC	REVISION 2016-05	RAILING RUN AT LEVEL FLOOR	SHEET F-12 of 25



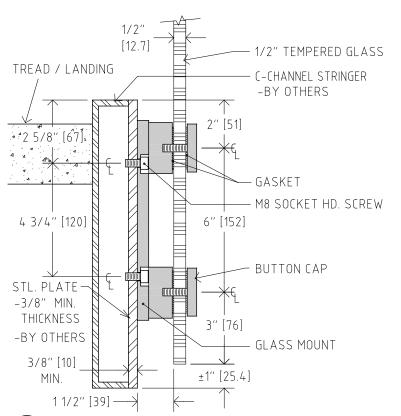
	system: focus	DETAIL ELEVATION & SECTION	1" = 1'-0" (8.5 x 11)
		BACKER PLATE MOUNTS - HANDRAIL AT GAP	
ARTEC	revision 2016-05	railing run at stairs	SHEET F-13 of 25





FITTINGS IN 304 STAINLESS STEEL. ARCHITECT SPECIFY FINISH: POLISHED OR BRUSHED.

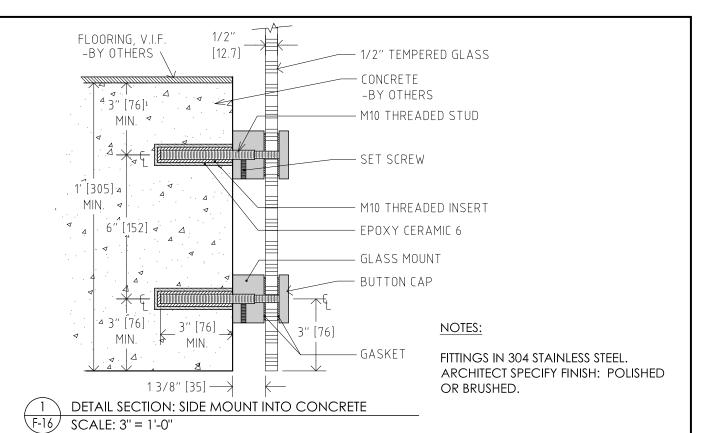
1 DETAIL SECTION: SIDE MOUNT AT STEEL TUBE STRINGER F-15 SCALE: 3" = 1'-0"



2 DETAIL SECTION: SIDE MOUNT AT STEEL CHANNEL STRINGER

F-15 SCALE: 3" = 1'-0"

\Box	SYSTEM: FOCUS	GLASS ANCHORAGE DETAILS	3" = 1'-0" (8.5 x 11)
		BACKER PLATE MOUNTS	
ARTEC	REVISION 2016-05	STEEL	SHEET F-15 of 25



1/2" TEMPERED GLASS FLOORING, V.I.F. 1/2" WOOD STRUCTURE -BY OTHERS [12.7] -BY OTHERS 1.9" O.D. SPACER -NO GREATER THAN 2 1/2" LONG ±3" [76] M10 THREADED STUD SET SCREW 3/8" STL. PLATE)" [254] -10" TALL by 4" WIDE MIN. MIN. -ANCHORED TO WOOD STRUCTU 6" [152] -BY OTHERS GLASS MOUNT BUTTON CAP 3" [76] - GASKET 3/8" MIN. -- 1 3/8" [35] WALL FINISH N.G.T. 2¹/₂" [64] --BY OTHERS

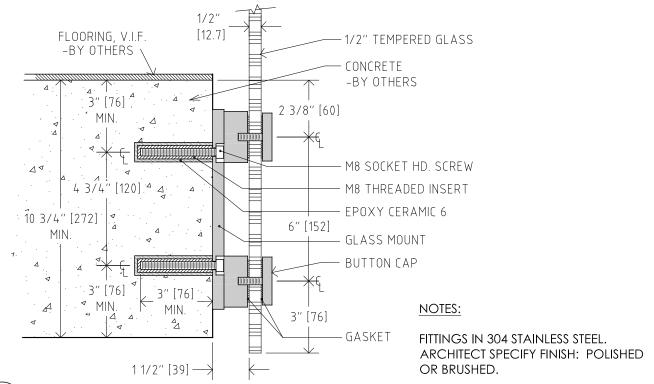
DETAIL SECTION: SIDE MOUNT INTO WOOD STRUCTURE

F-16 SCALE: 3" = 1'-0"

SYSTEM: FOCUS GLASS ANCHORAGE DETAILS 3" = 1'-0" (8.5 x 11)

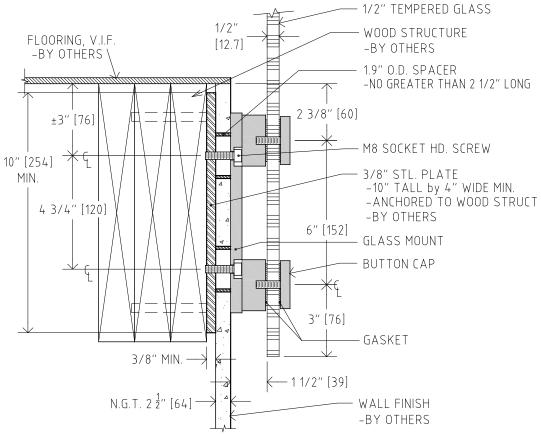
SINGLE MOUNTS

REVISION 2016-05 CONCRETE AND WOOD SHEET F-16 of 25



DETAIL SECTION: SIDE MOUNT INTO CONCRETE

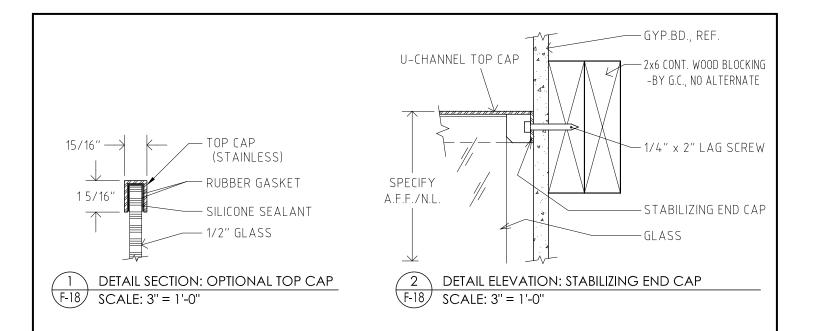
(F-17) SCALE: 3" = 1'-0"

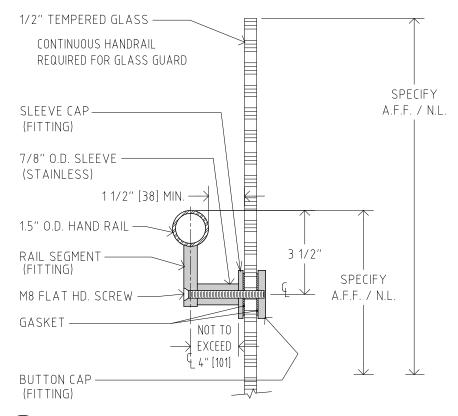


2 DETAIL SECTION: SIDE MOUNT INTO WOOD STRUCTURE

F-17 SCALE: 3" = 1'-0"

\supset	SYSTEM: FOCUS	GLASS ANCHORAGE DETAILS	3" = 1'-0" (8.5 x 11)
		BACKER PLATE MOUNTS	
ARTEC	REVISION 2016-05	CONCRETE AND WOOD	SHEET F-17 of 25





3 DETAIL SECTION: 2nd HAND RAIL F-18 SCALE: 3" = 1'-0"

NOTES:

FITTINGS IN 304 STAINLESS STEEL. ARCHITECT SPECIFY FINISH: POLISHED OR BRUSHED. INFILL PANELS TO BE $\frac{1}{2}$ " THK. CLEAR TEMPERED GLASS, ALL EDGES POLISHED. TEMPERED GLASS LOGO <u>WILL APPEAR</u>. CUSTOM DESIGNED GLASS MAY BE SPECIFIED.

	SYSTEM: FOCUS	FITTING DETAILS	3" = 1'-0" (8.5 x 11)
		OPTIONAL TOP CAP	
ARTEC	REVISION 2016-05	SECOND HAND RAIL	SHEET F-18 of 25

- GLASS GUARD 1/2" GAP [13] - END CAP NOTES: - STRINGER - HAND RAIL FITTINGS IN 304 STAINLESS STEEL. PLAN ARCHITECT SPECIFY FINISH: POLISHED OR BRUSHED. -GLASS GUARD -HAND RAIL SPECIFY TURN BACK -SPECIFY w/ENDCAP - 1.5" O.D. HAND RAIL ← PER CODE — \bigcirc FLAT END CAP **ELEVATION** DETAIL: RAILING END CAP ALTERNATE HAND RAIL TERMINATION SCALE: 3" = 1'-0" SCALE: 1/2" = 1'-0" - 1.5" O.D. HAND RAIL 1.5" O.D. HAND RAIL COVER PLATE COVER PLATE (FITTING) (FITTING) FINISHED FLOOR FINISHED FLOOR EPOXY EPOXY CERAMIC 6 CERAMIC 6 ์3" MIN. 3" [76] MIN. WOOD STRUCTURE -BY OTHERS - CONCRETE 3" [76] + 3" [76] - | DETAIL: RAILING STARTER IN CONCRETE DETAIL: RAILING STARTER IN WOOD SCALE: 3" = 1'-0" SCALE: 3" = 1'-0" SYSTEM: FOCUS SCALE: as noted FITTING DETAILS

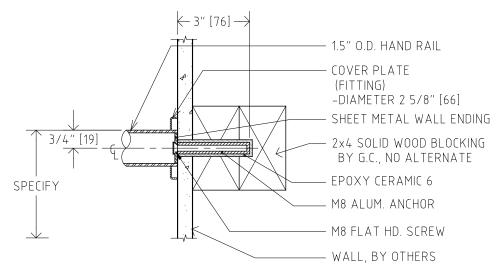
END CAPS

RAIL STARTERS

SHEET F-19 of 25

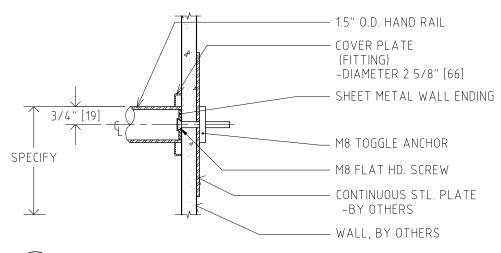
REVISION 2016-05

ARTEC



NOTE: THIS TECHNIQUE ALSO APPLICABLE TO BLOCK, BRICK AND CONCRETE WALLS.

1 DETAIL SECTION: HAND RAIL TERMINATION, STANDARD F-20 SCALE: 3" = 1'-0"

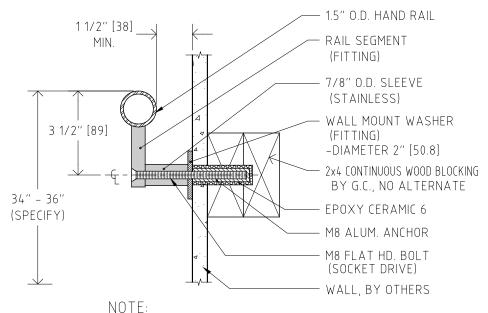


2 DETAIL SECTION: HAND RAIL TERMINATION, ALTERNATE F-20 SCALE: 3" = 1'-0"

NOTES:

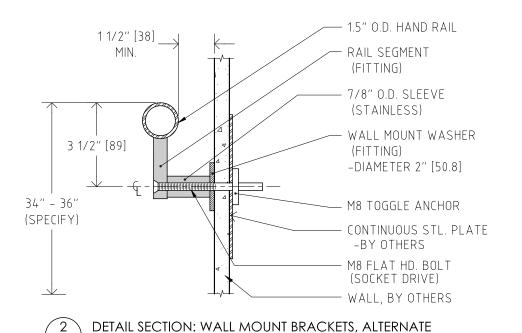
FITTINGS IN 304 STAINLESS STEEL. ARCHITECT SPECIFY FINISH: POLISHED OR BRUSHED.

	system: focus	FITTING DETAILS	3" = 1'-0" (8.5 x 11)
		HAND RAIL TERMINATION	
ARTEC	REVISION 2016-05		SHEET F-20 of 25



THIS TECHNIQUE ALSO APPLICABLE TO BLOCK, BRICK AND CONCRETE WALLS.

DETAIL SECTION: WALL MOUNT BRACKETS, STANDARD SCALE: 3" = 1'-0"



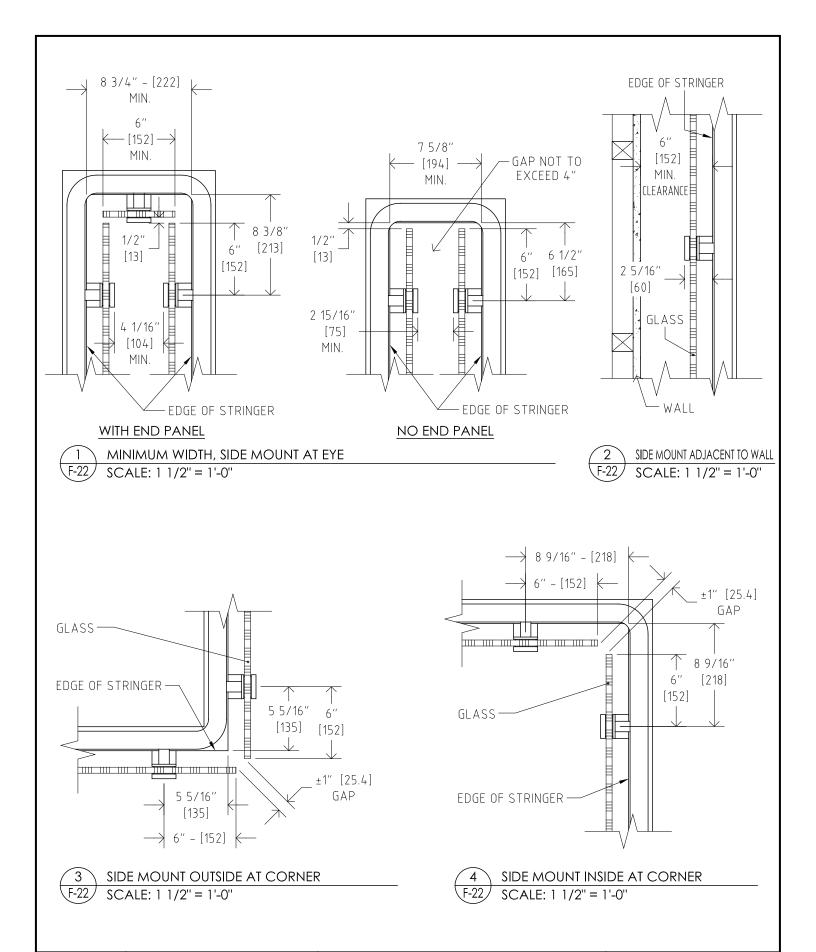
NOTES:

F-21

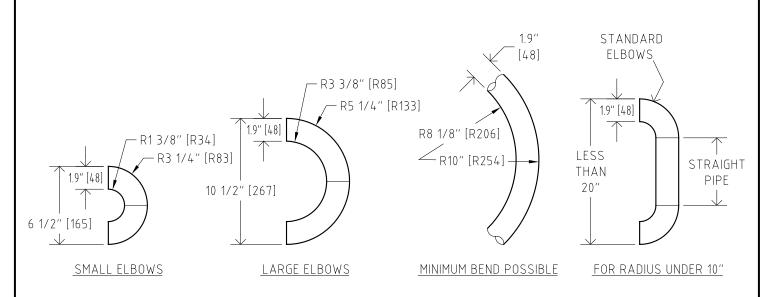
SCALE: 3" = 1'-0"

FITTINGS IN 304 STAINLESS STEEL. ARCHITECT SPECIFY FINISH: POLISHED OR BRUSHED.

\Box	SYSTEM: FOCUS	FITTING DETAILS	3" = 1'-0" (8.5 x 11)
		HAND RAIL WALL MOUNT BRACKETS	
ARTEC	REVISION 2016-05		SHEET F-21 of 25

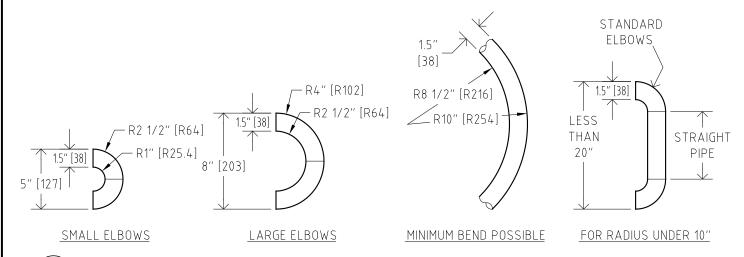


$\overline{}$	system: focus	DETAIL PLANS	1 1/2" = 1'-0" (8.5 x 11)
		SIDE MOUNT CONDITIONS	
ARTEC	REVISION 2016-05		SHEET F-22 of 25



TOP VIEWS: ELBOWS AND BENDS FOR 1.9" O.D. PIPE

-23/ SCALE: 1 1/2" = 1'-0"

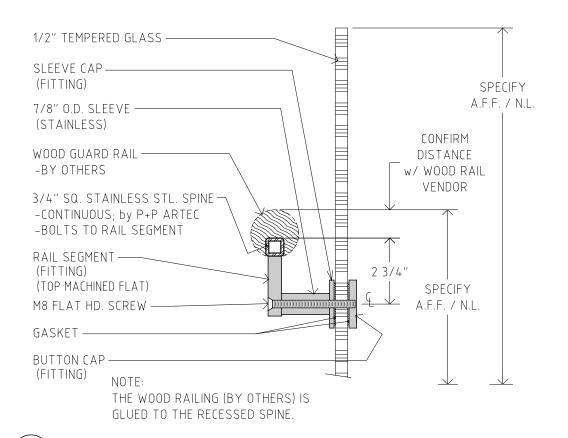


TOP VIEWS: ELBOWS AND BENDS FOR 1.5" O.D. PIPE

F-23 SCALE: 1 1/2" = 1'-0"

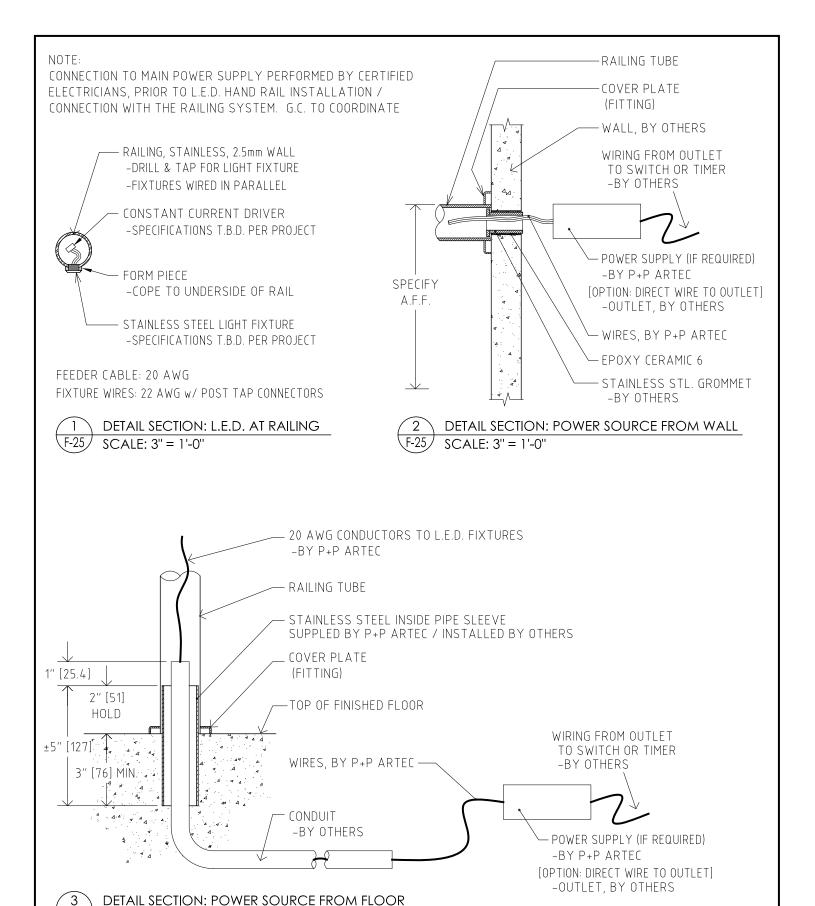
NOTES:

	SYSTEM: FOCUS	STANDARD ELBOWS	1 1/2" = 1'-0" (8.5 x 11)
		MINIMUM TUBE BENDS	
ARTEC	REVISION 2016-05		SHEET F-23 of 25



The detail section: Wood Hand Rail (F-24) SCALE: 3" = 1'-0"

$\overline{}$	SYSTEM: FOCUS	WOOD RAILINGS	3" = 1'-0" (8.5 x 11)
		DETAILS	
ARTEC	REVISION 2016-05		SHEET F-24 of 25



 SYSTEM: FOCUS
 L.E.D. LIGHTING
 3" = 1'-0" (8.5 x 11)

 DETAILS
 SHEET F-25 of 25

F-25/

SCALE: 3" = 1'-0"