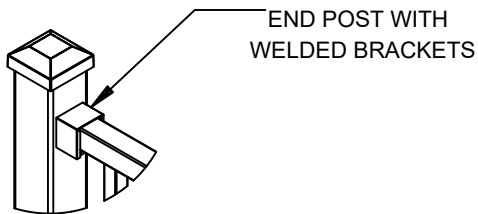
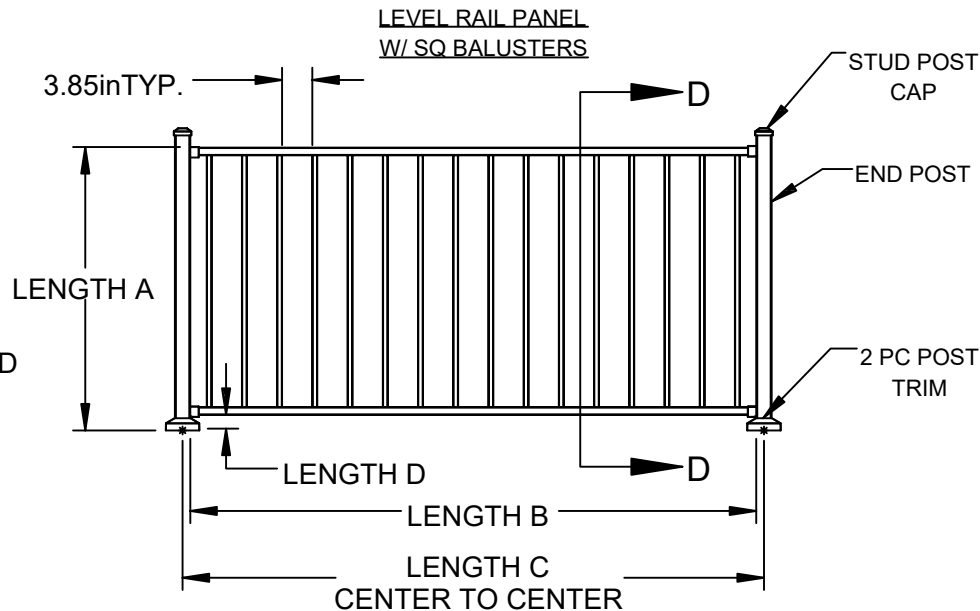
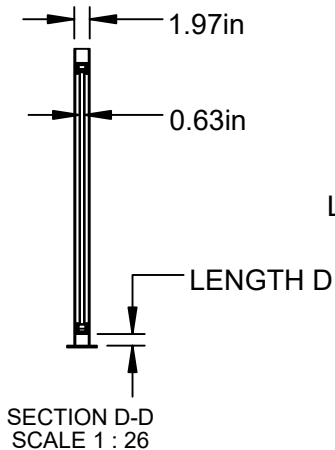


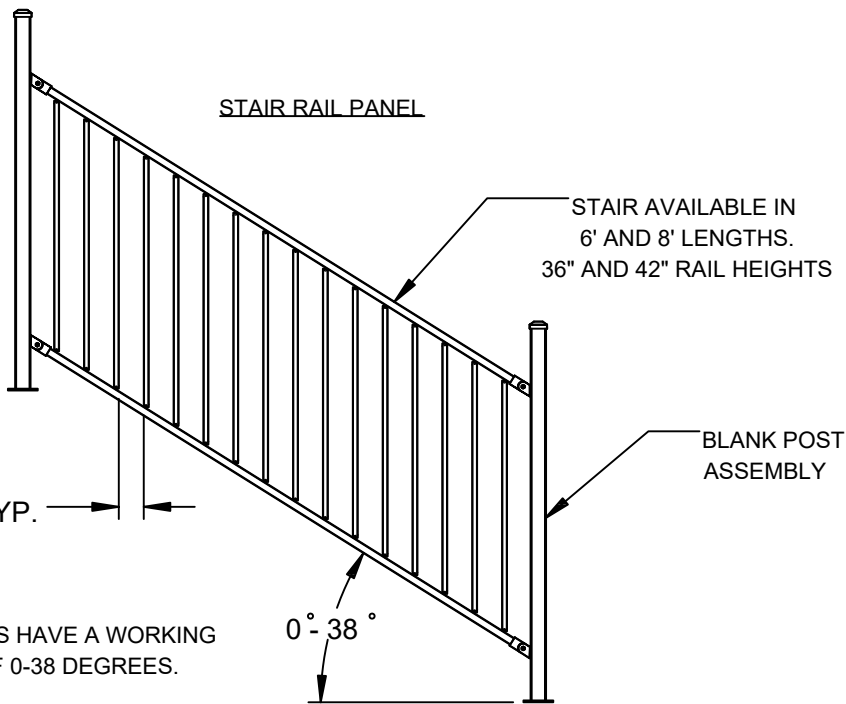
EXCALIBUR LEVEL AND STAIR RAIL DETAILS



NOTES:
POST INCLUDES BRACKET
COVERS TO HIDE FASTENERS



NOTES:
(A) FINISHED RAIL HEIGHT = 36", 38", 42"
(B) PANEL LENGTH = 71.75", 95.75", 119.75"
(C) MAX SPAN = 96.00" X 42 IBC, 96.00" X 36 IRC
(D) BOTTOM SPACE = 1.75", 3.75"



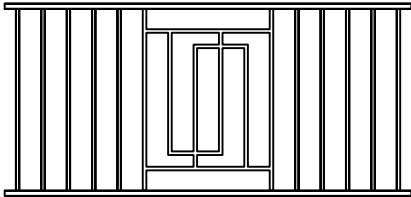
NOTES:
STAIR KITS HAVE A WORKING
RANGE OF 0-38 DEGREES.

TOLERANCES				
FRACTION ± 1/16	±0.01	DRAWN: TB	DATE: 5/18/2021	APPROVED:
XX	±0.01	DESCRIPTION: EXCALIBUR LEVEL AND STAIR RAIL		
XXX	±0.005	SHEET 1 OF 8		
ANGLE	±1.0°	SCALE: NTS		REVISION
FINISH	125 RMS	WEIGHT: 43.67		PART NUMBER
UNLESS OTHERWISE SPECIFIED				N/A

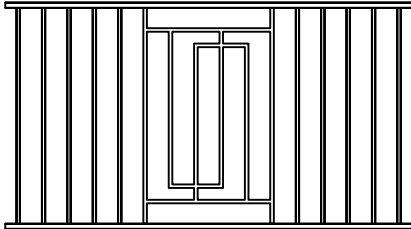
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DECORATIVE PANEL

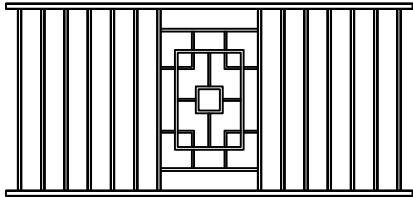
SERPENTINE
71.75"x34"



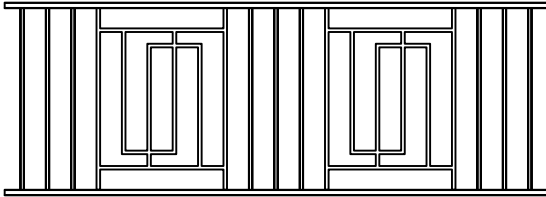
SERPENTINE
71.75"x40"



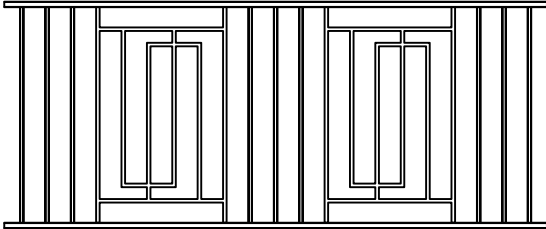
MOSAIC
71.75"x34"



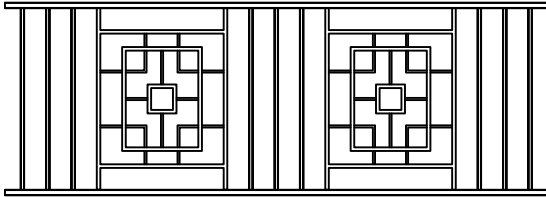
SERPENTINE
95.75"x34"



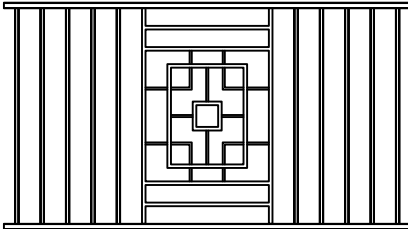
SERPENTINE
95.75"x40"



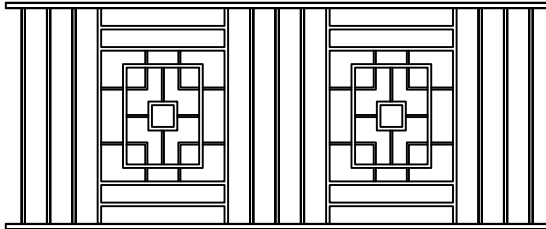
MOSAIC
95.75"x34"





MOSAIC
71.75"x40"



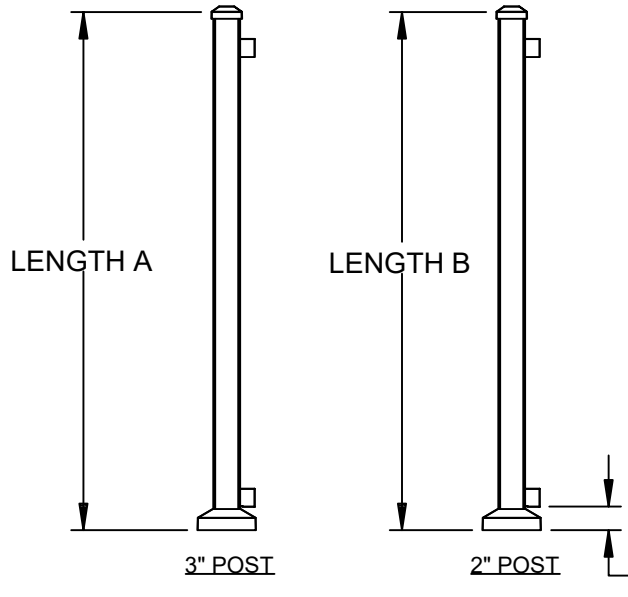
MOSAIC
71.75"x40"



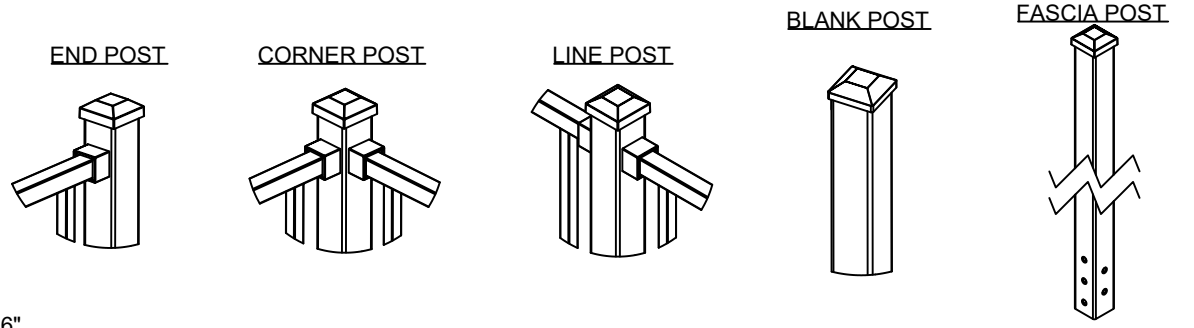
TOLERANCES							
FRACTION ±	1/16	DRAWN:	TB	DATE:	5/18/2021	APPROVED:	
XX	±0.01	DESCRIPTION:					
XXX	±0.005	DECORATIVE PANELS					
ANGLE	±1.0°	SHEET 2 OF 8		REVISION	PART NUMBER		
FINISH	125 RMS	SCALE 1:36			N/A		
UNLESS OTHERWISE SPECIFIED		WEIGHT: 43.67					

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EXCALIBUR COMPONENT DETAILS

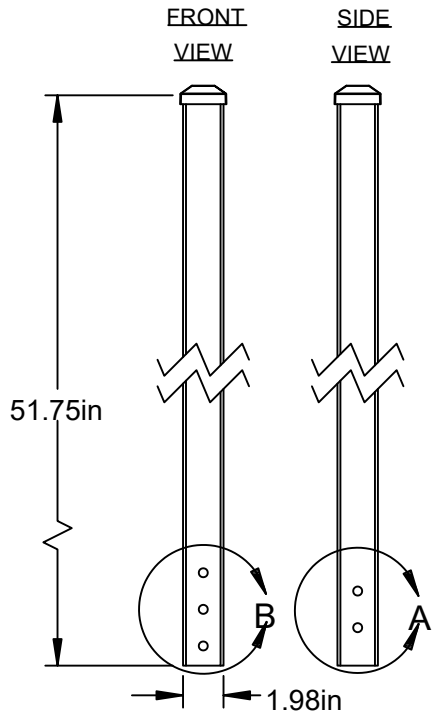


NOTES:
 A = 38", 40", 46"
 B = 38", 40", 44", 46", 48"
 C = 2.75", 3.75"

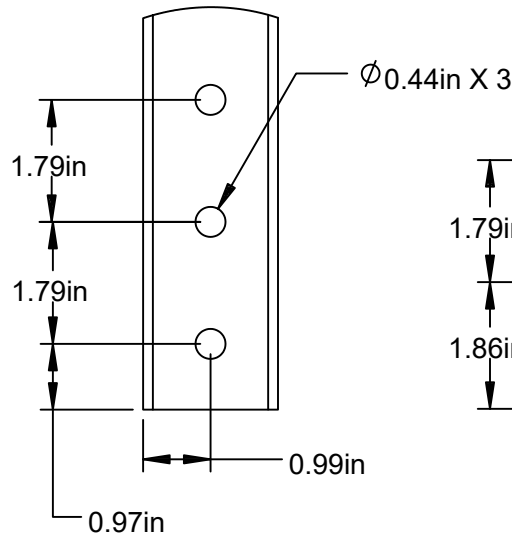


NOTE: BRACKET KITS INCLUDE (EXCEPT BLANK AND FASCIA POST), POST TOP, BRACKET COVERS, TRIM RING, VINYL SHIMS, HEX HEAD MOUNTING SCREWS, AND HEX BIT FOR ATTACHMENT TO STEEL OR WOOD POST.

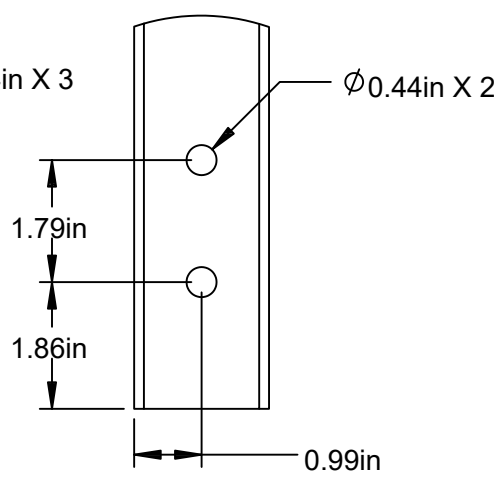
FASCIA POST



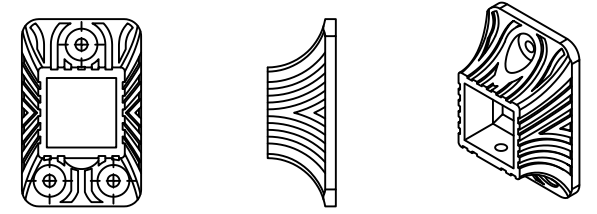
DETAIL B
SCALE 1:3.5



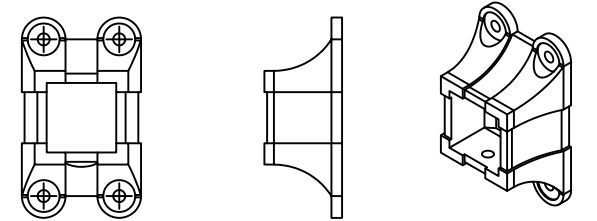
DETAIL A
SCALE 1:3.5



SCROLLWORK DECORATIVE
LEVEL BRACKET



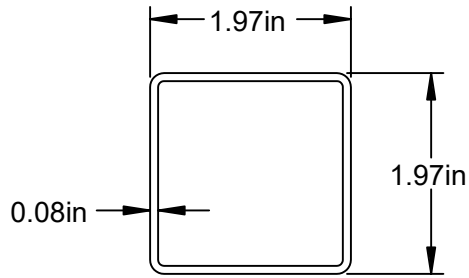
IMPERIAL DECORATIVE
LEVEL BRACKET



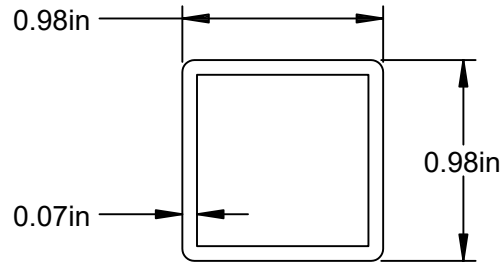
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TOLERANCES		rdi RAILING		
FRACTION \pm /16	±0.01	DRAWN: TB	DATE: 5/18/2021	APPROVED:
XX	±0.01	DESCRIPTION: EXCALIBUR COMPONENT DETAILS		
XXX	±0.005	SHEET 3 OF 8		
ANGLE	±1.0°	SCALE 1:16		REVISION
FINISH	125 RMS	WEIGHT: 43.67		PART NUMBER
UNLESS OTHERWISE SPECIFIED				N/A

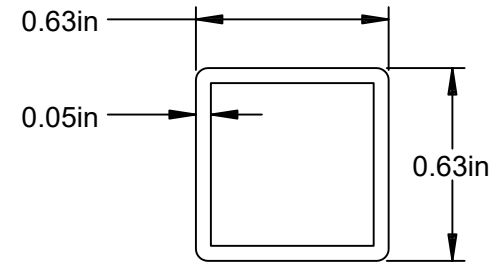
EXCALIBUR COMPONENT DETAILS



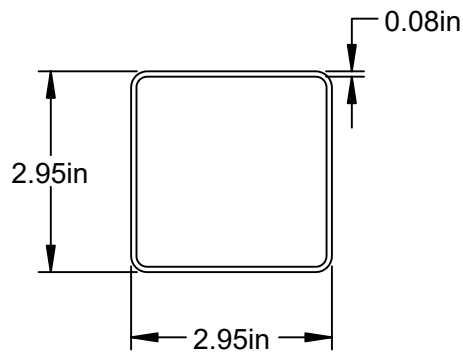
2" POST



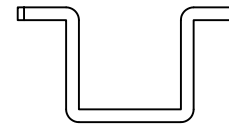
TOP / BTM RAIL



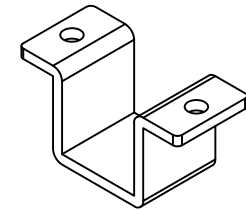
SQ BALUSTER



3" POST





FLUSH MOUNT BRKT



NOTE:

1. FLUSH BRKT USED TO ATTACH WOOD/DECK BOARD. FASTENERS ARE INCLUDED.

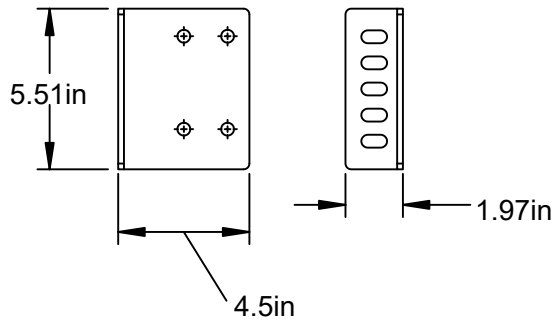
TOLERANCES							
FRACTION	± 1/16	DRAWN:	TB	DATE:	5/18/2021	APPROVED:	
XX	±0.01	DESCRIPTION:					
XXX	±0.005	EXCALIBUR COMPONENT DETAILS					
ANGLE	±1.0°	SHEET 4 OF 8		REVISION	PART NUMBER		
FINISH	125 RMS	SCALE 1:16			N/A		
UNLESS OTHERWISE SPECIFIED		WEIGHT: 43.67					

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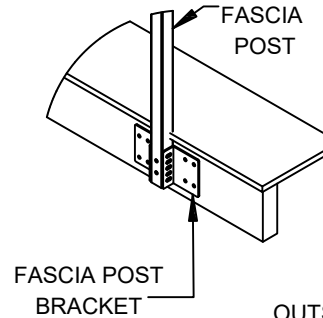
EXCALIBUR POST MOUNT CONNECTIONS

POST DETAILS WITH BOTTOM PLATE

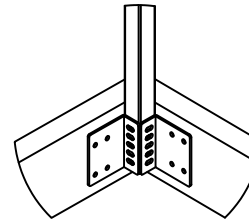
FASCIA BRACKET



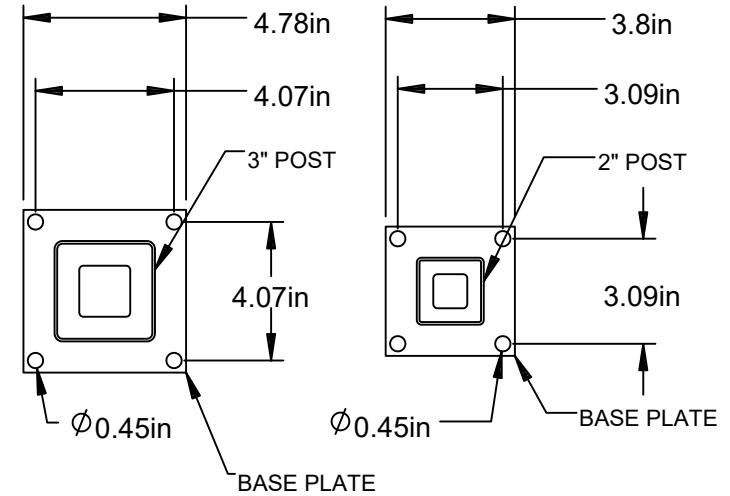
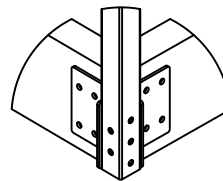
IN LINE POST



INSIDE CORNER MOUNT



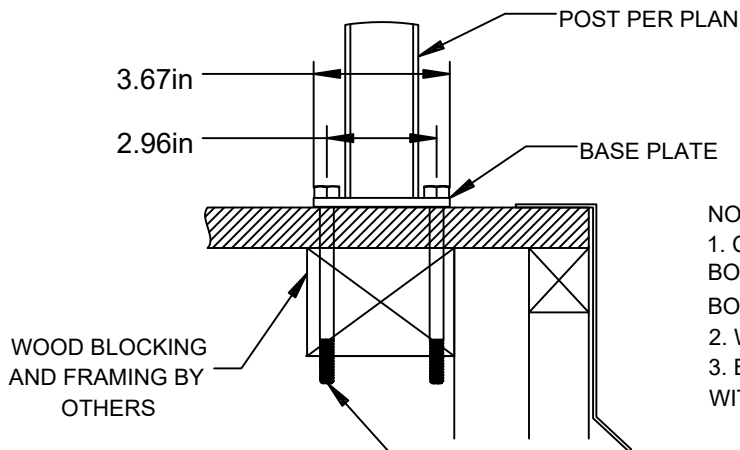
OUTSIDE CORNER MOUNT



POST BASE CONNECTION INTO CONCRETE W/ WEDGE ANCHORS

NOTE:
BRACKETS ARE NOT INCLUDED WITH FASCIA POST. THEY WILL NEED TO BE BOUGHT AND INSTALLED SEPARATELY

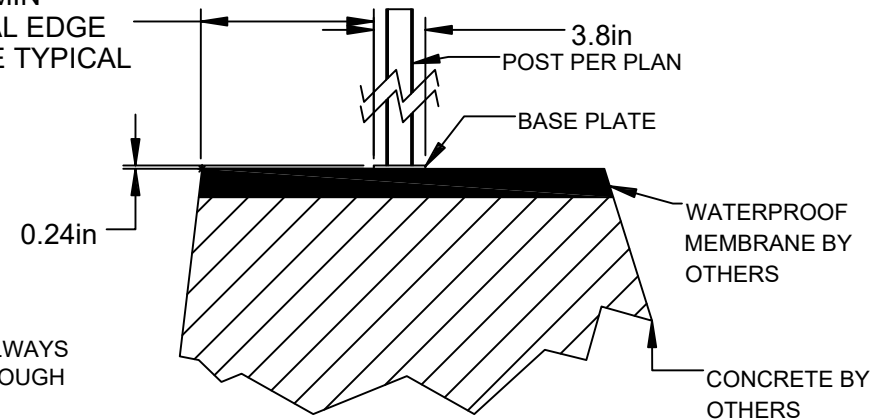
POST BASE CONNECTIONS INTO WOOD WITH THRU BOLTS





USE 3/8" DIAMETER THROUGH BOLTS (MINIMUM LENGTH 5") INTO WOOD MEMEBERS WITH MINIMUM EMBEDMENT DEPTH OF 4" INTO SOLID WOOD.

NOTE:
1. COMMERICAL APPLICATIONS ARE ALWAYS BOLTED, USE 3/8" DIAMETER A307 THROUGH BOLTS INTO SOLID WOOD BLOCKING.
2. WOOD BLOCKING BY OTHERS.
3. BLOCKING MUST BE DESIGNED TO WITHSTAND PROPER LOADING.

8" MIN CRITICAL EDGE DISTANCE TYPICAL

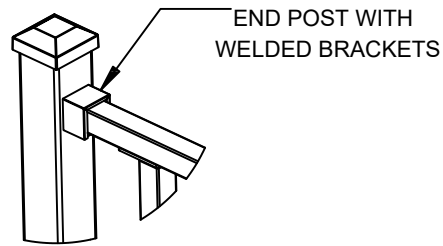


NOTE:
USE (4)-3/8"x7" LONG WEDGE ANCHORS USE SIMPSON SET EPOXY INTO CONCRETE WITH 5" EMBEDMENT DEPTH

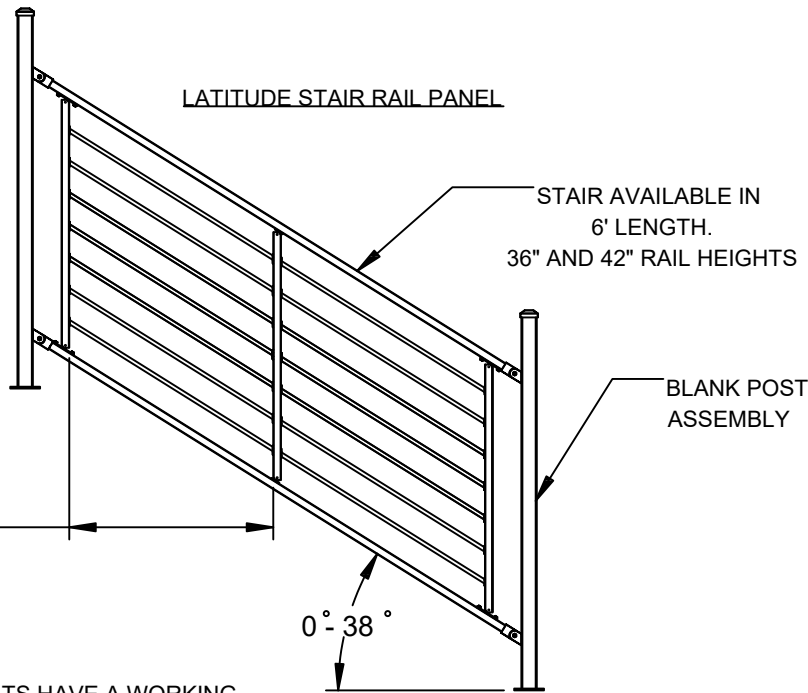
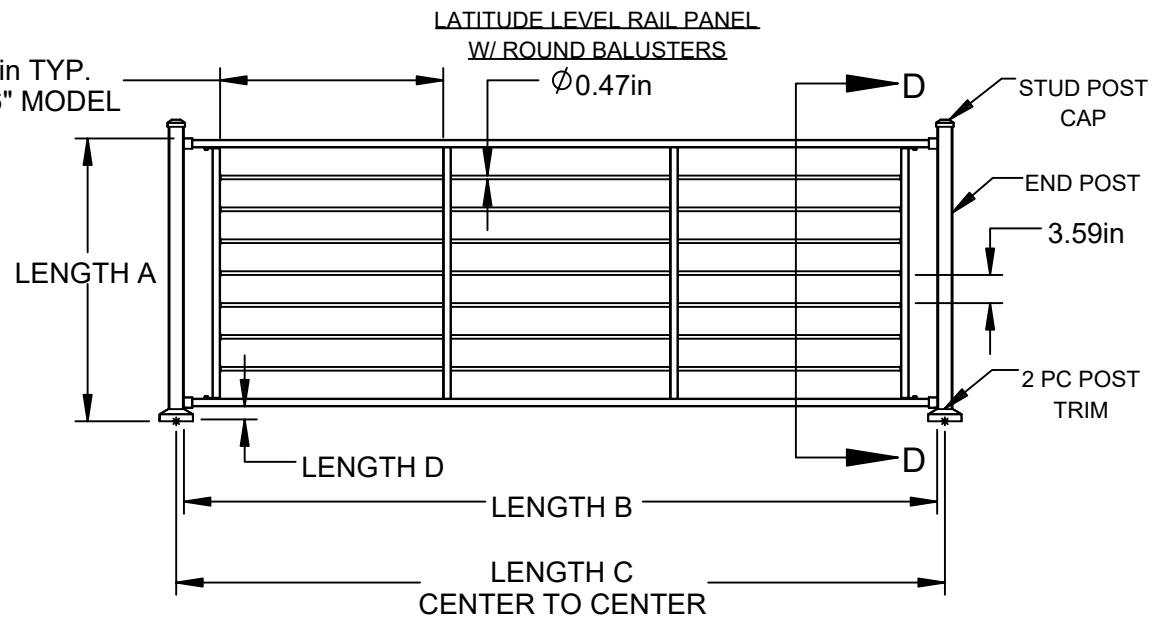
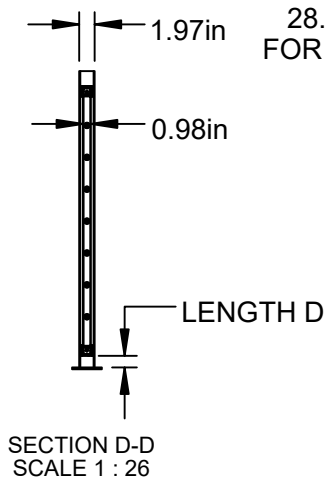
TOLERANCES							
FRACTION ±	/16	DRAWN:	TB	DATE:	5/18/2021	APPROVED:	
XX	±0.01	DESCRIPTION:					
XXX	±0.005	EXCALIBUR POST MOUNT DETAIL					
ANGLE	±1.0°	SHEET 5 OF 8		REVISION	PART NUMBER		
FINISH	125 RMS	SCALE 1:16			N/A		
UNLESS OTHERWISE SPECIFIED		WEIGHT: 43.67					

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EXCALIBUR LATITUDE LEVEL AND STAIR RAIL DETAILS



NOTES:
POST INCLUDES BRACKET
COVERS TO HIDE FASTENERS



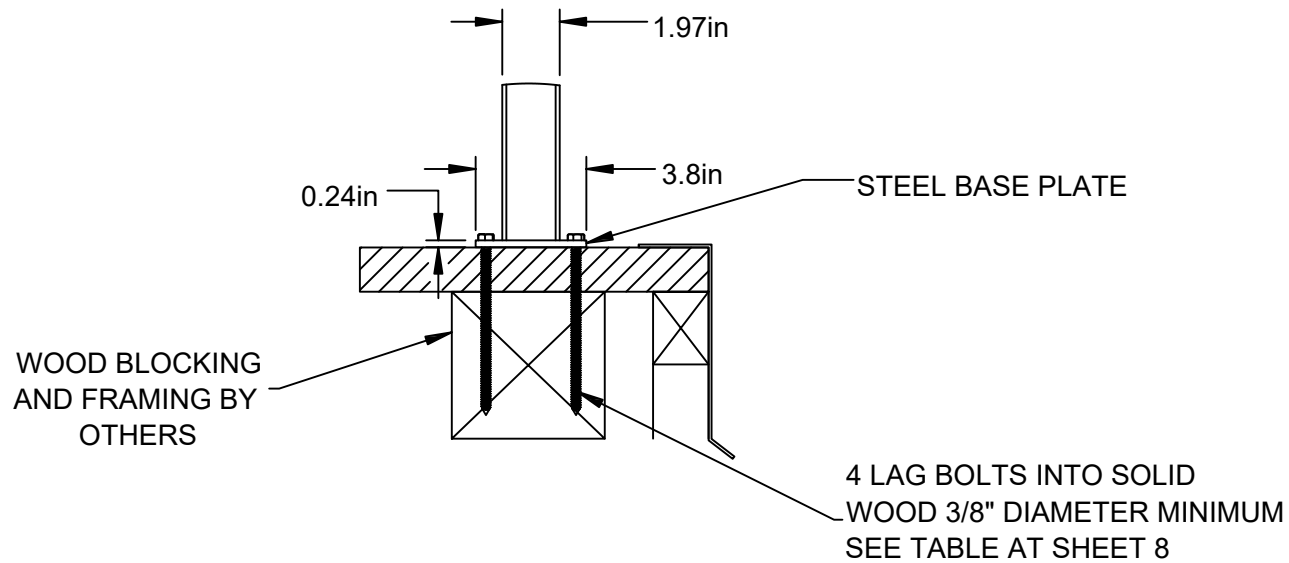
NOTES:
STAIR KITS HAVE A WORKING
RANGE OF 0-38 DEGREES.

NOTES:
(A) FINISHED RAIL HEIGHT = 36", 42"
(B) PANEL LENGTH = 71.75", 95.75"
(C) MAX SPAN = 96.00" X 42 IBC, 96.00" X 36 IRC
(D) BOTTOM SPACE = 1.75"
(E) 71.75" LENGTH HAS 1 MID SUPPORT.
95.75" LENGTH HAS 2 MID SUPPORTS.

TOLERANCES							
FRACTION \pm	/16	DRAWN:	TB	DATE:	5/18/2021	APPROVED:	
XX	± 0.01	DESCRIPTION:					
XXX	± 0.005	EXCALIBUR LATITUDE RAILING					
ANGLE	$\pm 1.0^\circ$	SHEET 6 OF 8		REVISION	PART NUMBER		
FINISH	125 RMS	SCALE: NTS			N/A		
UNLESS OTHERWISE SPECIFIED		WEIGHT: 43.67					

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EXCALIBUR POST AND SURFACE MOUNT DETAILS




POST BASE CONNECTION INTO
WOOD WITH LAG BOLTS

NOTE:

1. WOOD BLOCKING BY OTHERS.
2. BLOCKING MUST BE DESIGNED TO WITHSTAND PROPER LOADING.

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DRAWN: TB	DATE: 7/26/21	APPROVED: CH
EXCALIBUR POST AND SURFACE MOUNT DETAIL		
SHEET 7 OF 8	REVISION	PART NUMBER
SCALE 1:16	0	N/A
WEIGHT: N/A		

MOUNTING SCHEDULE

FOR RESIDENTIAL APPLICATIONS 36" HIGH					
PANEL WIDTH	LOAD	RECOMMENDED BOLT APPLICATION	FOR LAG BOLT APPLICATION 3/8" DIA. SCREW. MINIMUM EMBEDDED SCREW THREAD LENGTH REQUIRED	FOR THROUGH BOLT APPLICATION	FOR CONCRETE ANCHOR APPLICATION 3/8" TITAN HD ANCHOR MINIMUM REQUIRED LENGTH (MINIMUM DISTANCE OF 4" FROM EDGE REQUIRED)
8FT	200LBS	LAG BOLT -OR- THROUGH BOLT -OR- CONCRETE ANCHOR	3.5IN	3/8" HEX BOLT 3/8" FLAT WASHER 3/8" LOCK WASHER 3/8" NUT	4IN
6FT			3IN		3IN
4FT			2.5IN		3IN

FOR COMMERCIAL APPLICATIONS 42" HIGH					
PANEL WIDTH	LOAD	RECOMMENDED BOLT APPLICATION	FOR LAG BOLT APPLICATION 3/8" DIA. SCREW. MINIMUM EMBEDDED SCREW THREAD LENGTH REQUIRED	FOR THROUGH BOLT APPLICATION	FOR CONCRETE ANCHOR APPLICATION 3/8" TITAN HD ANCHOR MINIMUM REQUIRED LENGTH (MINIMUM DISTANCE OF 4" FROM EDGE REQUIRED)
8FT	400LBS	THROUGH BOLT -OR- CONCRETE ANCHOR	3.5IN	3/8" HEX BOLT 3/8" FLAT WASHER 3/8" LOCK WASHER 3/8" NUT	4IN
6FT	300LBS	LAG BOLT -OR- THROUGH BOLT -OR- CONCRETE ANCHOR	3IN		3IN
4FT	200LBS	LAG BOLT -OR- THROUGH BOLT -OR- CONCRETE ANCHOR	2.5IN		3IN



DRAWN:	JS	DATE:	1/22/2021	APPROVED:	CH
DESCRIPTION:					
MOUNTING SCHEDULE					
SHEET 8 OF 8		REVISION		PART NUMBER	
SCALE 1:16				N/A	
WEIGHT: N/A					

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