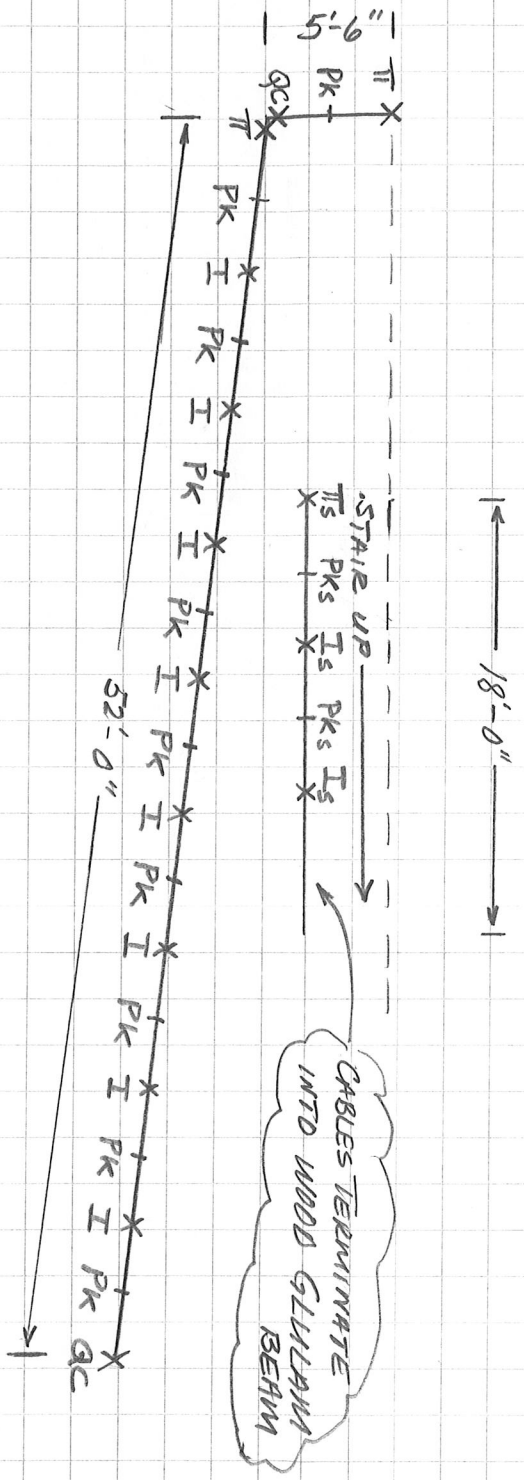


DATE: 12/11/2017 ESTIMATOR: S. TREAWAY CUSTOMER: Decks Direct PROJECT: The Downtowner

INFILL: 1/8" ALU
CAH: 36"
SURFACE: ALUMINUM
MOUNT: SURFACE BASE MOUNT
BOT: 10
TOP: SERIES 200
COLOR: SILVER
LF: 12'
LOC: INT/EXT
COASTAL: Y/N

FYE LLC

FIRST FLOOR RAILING

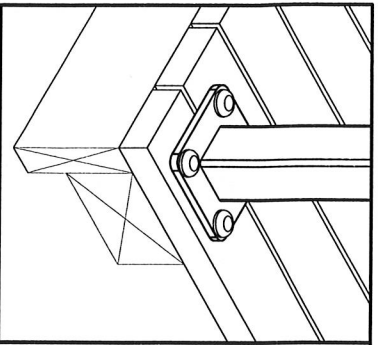


POSTS:	INT 8 2-STE
TT 2 1-STE	
QC 2	
C	
SC	
45	
END	
PK 10 2-STE	
NSP	
BLNK POST	
BLNK PKT	
45 BLNK	
PK SHIMS	
PK PNLS	
TOP RAIL:	
200 TOP CAP:	
10' 20' 4	
100 / 150 CAP:	
10' 20'	
BOTTOM RAIL:	
10' 20'	
INFILL:	
SNAP CAP	
TOP 10' 20' 4	
BOTTOM 10' 20'	
VINYL TOP	
VINYL BOTTOM	
GLASS SF	

LEGEND:
X = POST
P = PICKET
I = INTERMEDIATE
QC = QUICK
CONNECT
TT = THREADED
TERMINAL
SC = SINGLE
CORNER
C = CORNER
45 = 45 DEGREE
B = BLANK POST
OR PICKET

SPICE 1/4" ALU
SPICE 1/3" BT
SPICE 90°
SPICE 45°
END PLATES 4
WALL MOUNT 1
POST CAPS:
TOP BTM
BASE PLATES 2-STE
OFFSET BP
NARROW BP
PKT STANCH
POST ADPTR
RCB
TOUCH-UP PAINT:
SC / BB
LIGHTING:
CAN LED
GATES
FMB
STANCHIONS
GRAB RAIL:
10' 20' 1
GRAB BRKTS 5
RETURNS 2
GRAB SPLICES:
1' 2 4" 2
CABLES:
11 @ 10'
11 @ 55'
@
@
@
@
CT CABLES:
@
11 @ 20'
@
BEVL'D WASHERS:
TT 11 QC
CR-KIT 1
PACKAGING: 2
12' 20'
PALLET 1

11/12/2017

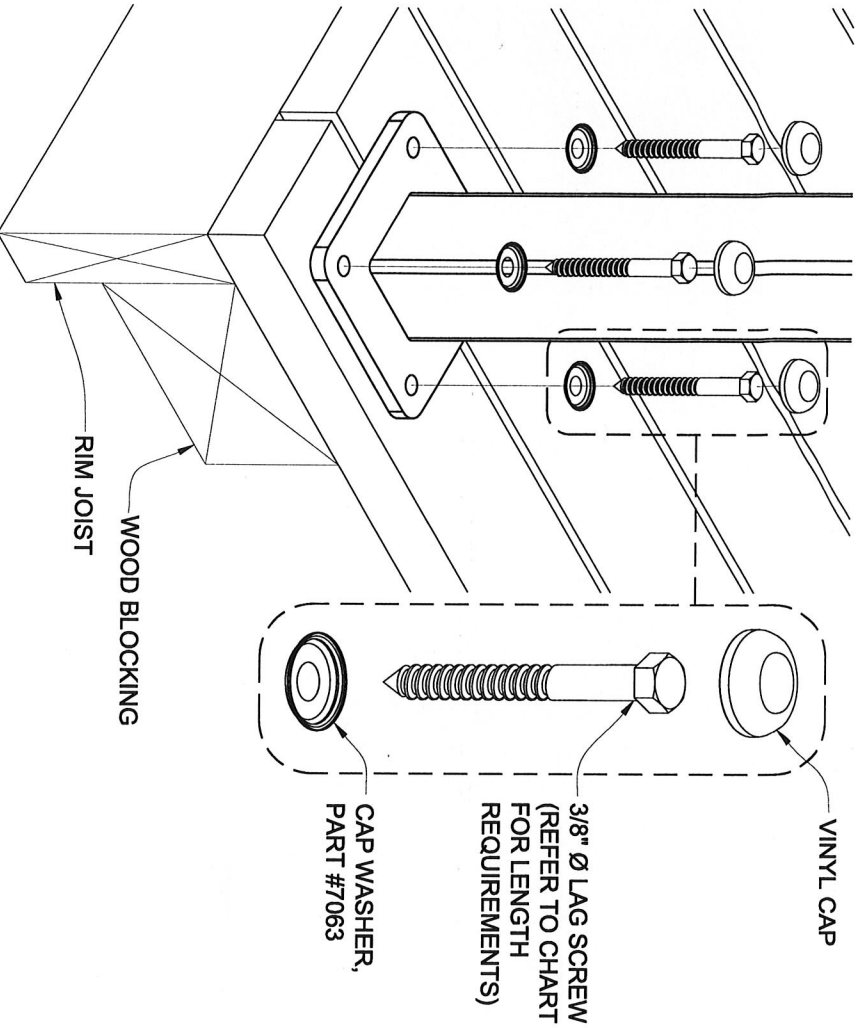


NOTES:

MINIMUM LAG PENETRATION DIMENSION, REFER TO REQUIREMENTS FOR LAG SCREW PENETRATION INTO SOLID LUMBER. LUMBER ASSUMED TO HAVE A MINIMUM 0.43 SPECIFIC GRAVITY (ie: HEM-FIR).

WOOD DECK BOARDS MUST BE PROPERLY ATTACHED TO STRUCTURE TO ACCOUNT FOR A PORTION OF THE LAG SCREW PENETRATION REQUIREMENT.

IF USING COMPOSITE MATERIAL AS DECKING, DECK BOARDS WILL NOT CONTRIBUTE TO PENETRATION REQUIREMENT. LAG SCREW LENGTH AND BLOCKING MUST BE ADJUSTED TO ACCOUNT FOR ADDITIONAL LENGTH, AS NECESSARY.



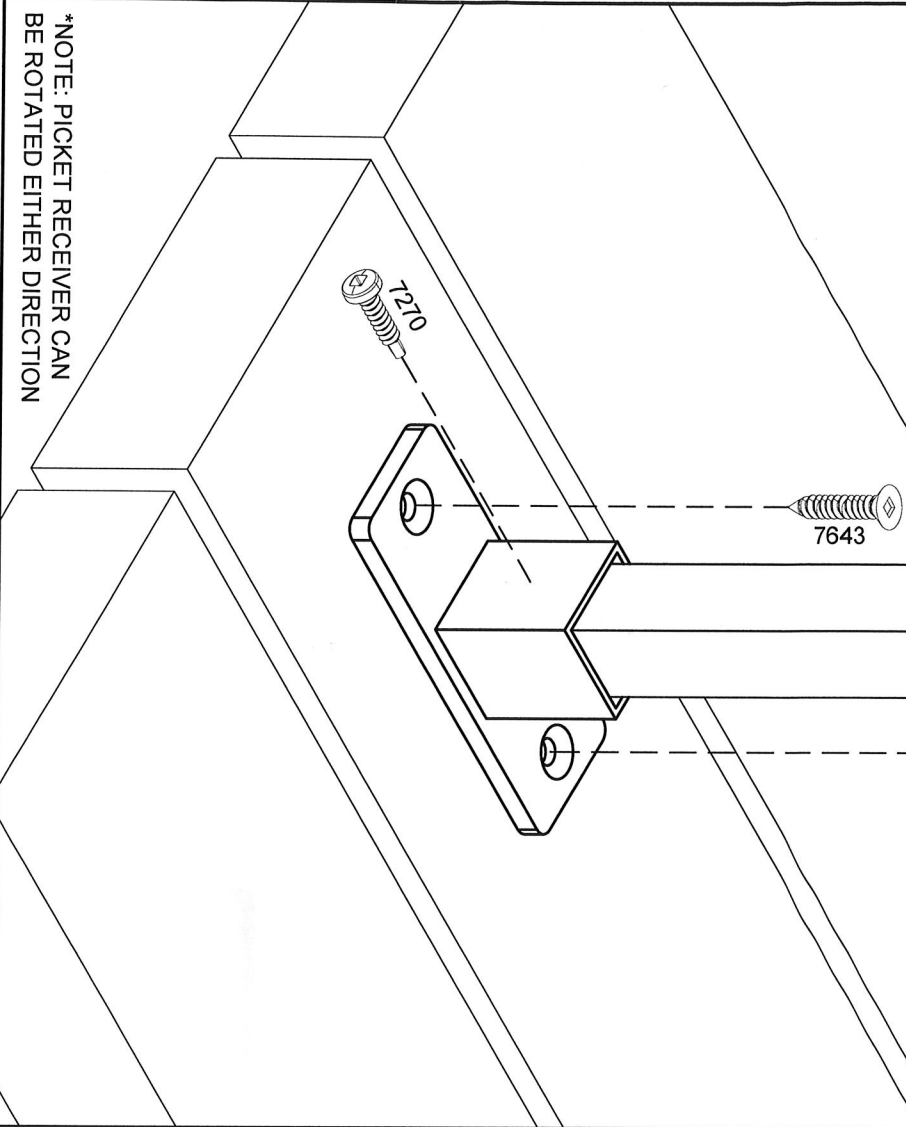
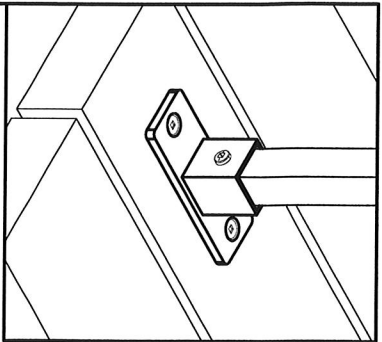
	RESIDENTIAL (MAX 6' OC)		
	INTERIOR	EXTERIOR	
	36"	4" MIN. LAG PENETRATION 4-1/2" LAG SCREWS, PART #6565	
	38"-42"	4-1/2" MIN. LAG PENETRATION 5" LAG SCREWS, PART #7280	
	42"	4-1/2" MIN. LAG PENETRATION 5" LAG SCREWS, PART #7280	

DesignRail® Detail Drawing:

BASE MOUNT TO WOOD - LAG SCREWS

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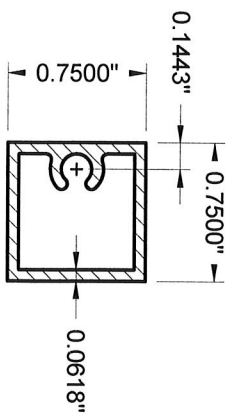


*NOTE: PICKET RECEIVER CAN
BE ROTATED EITHER DIRECTION

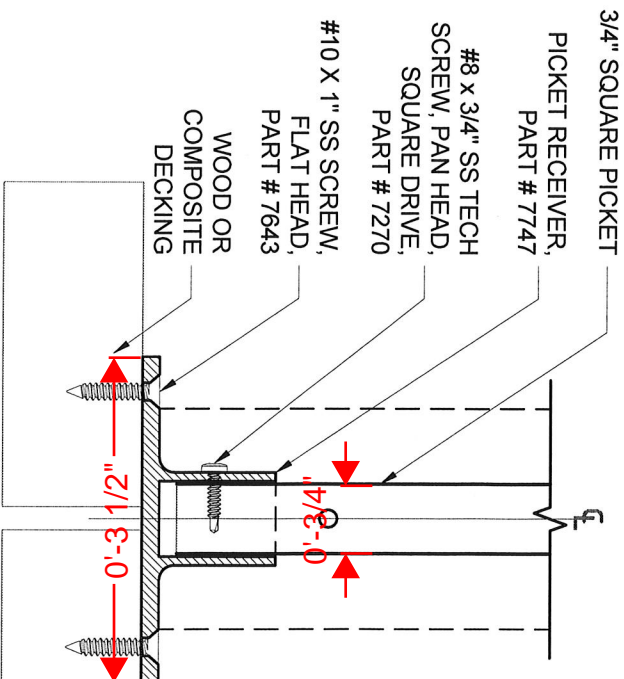
DesignRail® Detail Drawing:

INTERMEDIATE PICKET - BASE MOUNT TO WOOD

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PICKET EXTRUSION
SCALE: 1:1



SECTION
SCALE: 1:2

DATE:	06/15/17
PAGE:	1 of 1
REV:	
BY:	JTC
CHK:	BWA

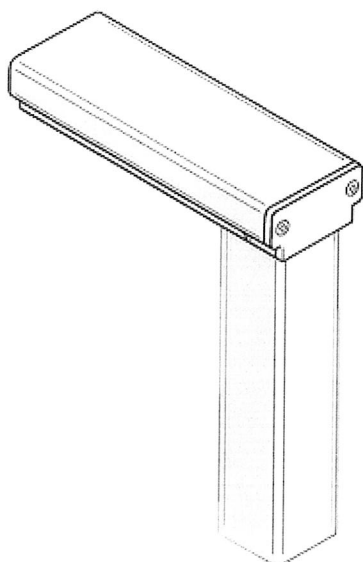
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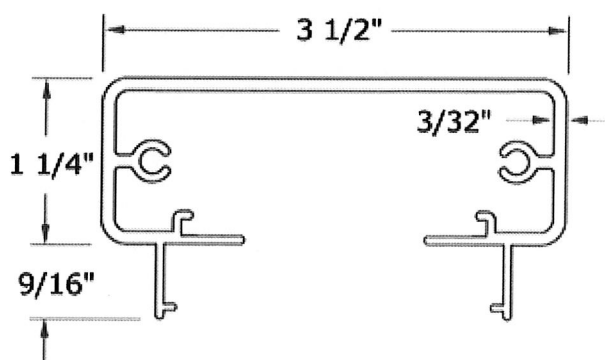
3-1/2" wide, rectangular Cap Rail. The flat surface is a convenient perch for your favorite beverage as you enjoy the view.

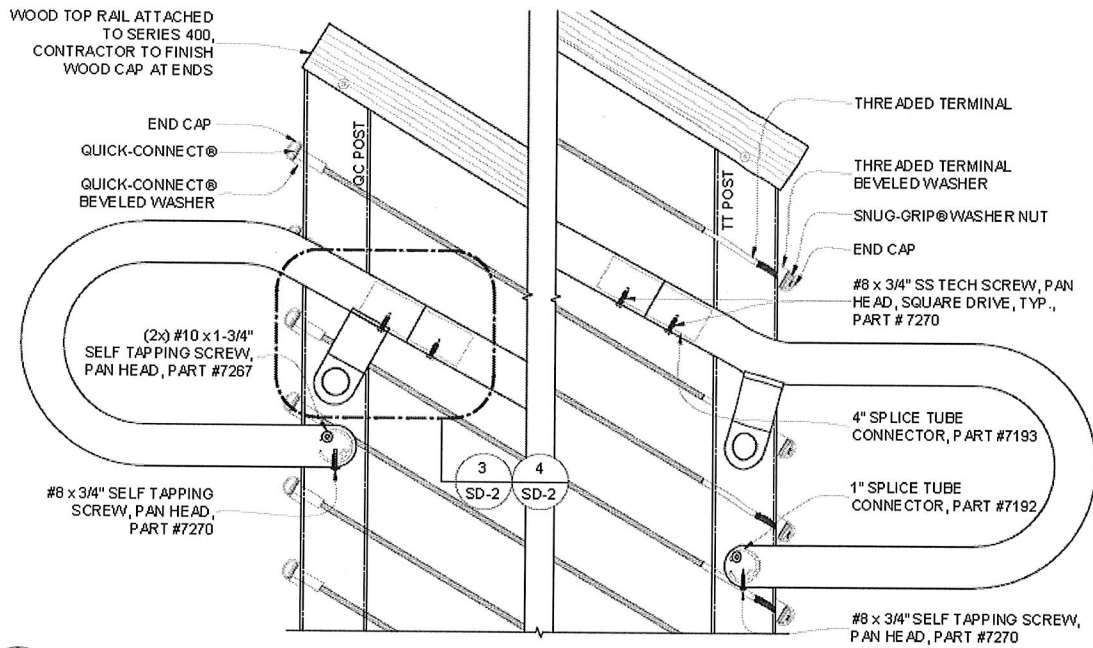
Cap rails rest on the tops of the posts and are secured with stainless steel screws. Requires an Applied Grab Rail when used on stairs.

Detail drawing

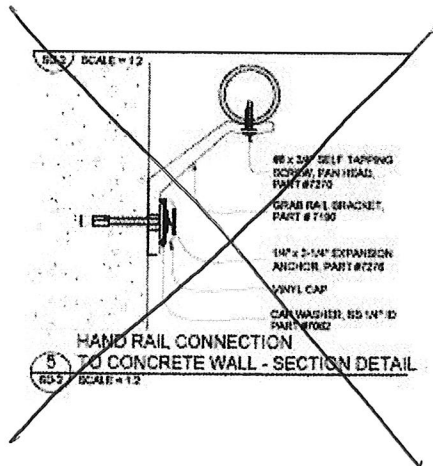


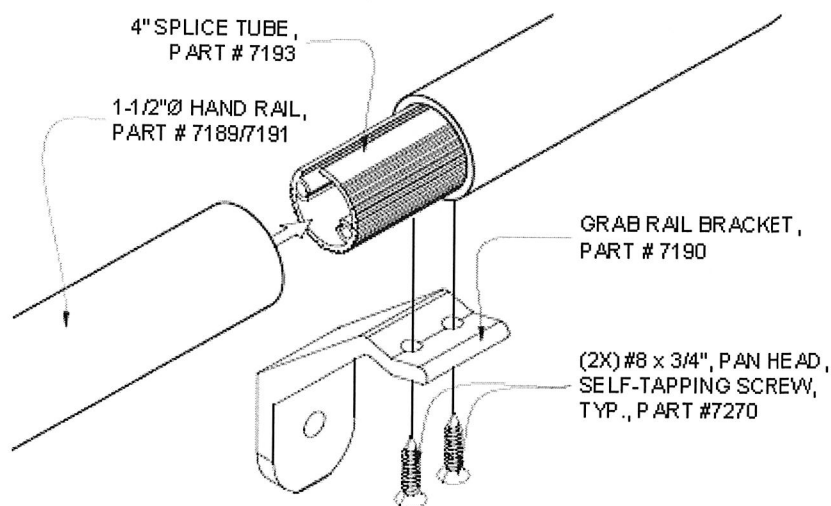
Cross section





2 STAIR OR RAMP / HAND RAIL - DETAIL
SD-2 SCALE = 1:4





HAND RAIL SPLICE INSTRUCTION:

1. INSERT 4" GRAB RAIL SPLICE TUBE INTO GRAB RAIL, KEEP 2" EXPOSED.
2. ATTACH ADDITIONAL GRAB RAIL MATERIAL OR GRAB RAIL RETURN BY PLACING OVER EXPOSED SPLICE TUBE, PRE-DRILL AND ATTACH GRAB RAIL MATERIAL TO SPLICE TUBE AND BRACKET USING (2X) #8 X 3/4" PAN HEAD SELF-TAPPING SCREWS, PART # 7270.

NOTE: SPLICE LINE SHOULD BE IN CENTER OF BRACKET.

3 HAND RAIL SPLICE - DETAIL

SD-2 SCALE : NTS