



REMOVABLE CART BUMPER RAIL
SHOP DRAWINGS BY FENWALL

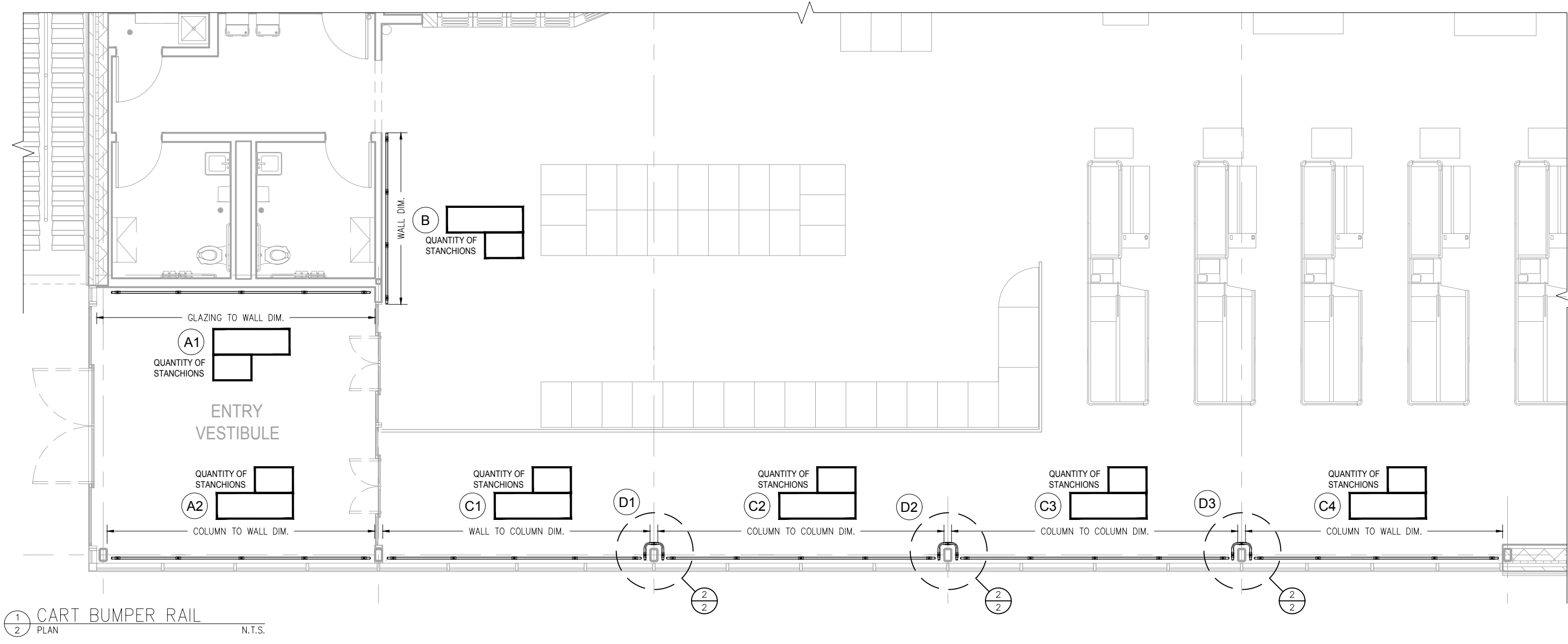
GENERAL NOTES:

1. SEE PAGE 2

MATERIAL / FINISH SCHEDULE					FASTENER SCHEDULE		
MATERIAL	ALLOY / STD.	THK. / SIZE / SL	FINISH	QTY.	#	DESCRIPTION	QTY.
CART BUMPER RAIL	ASTM 304	11ga. / 1-1/2"Ø / 20'	#4 BRUSHED S/S		1	#10-16 x 3/16" HEX DRIVE SET SCREW	
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NOTES:					8	--	
					9	--	
					A	--	
					B	--	
					C	--	
					NOTE: ALL NUMBERED FASTENERS LISTED ARE SUPPLIED BY FENWALL. ALL LETTERED FASTENERS ARE BY OTHERS.		

ABBREVIATIONS			
VIF = VERIFY IN FIELD	TYP = TYPICAL	FN = FINISHED NUT	SL = STOCK LENGTH
FS = FRAME SIZE	UON = UNLESS OTHERWISE NOTED	FW = FLAT WASHER	STD = STANDARD
DLO = DAY LIGHT OPENING	HWH = HEX WASHER HEAD	CS = CAP SCREW	
DO = DOOR OPENING	SDS = SELF-DRILLING SCREW	MS = MACHINE SCREW	
OA = OVERALL	PD = PHILLIPS DRIVE	SMS = SHEET METAL SCREW	
RO = ROUGH OPENING	PT = POINT	TCS = THREAD CUTTING SCREW	

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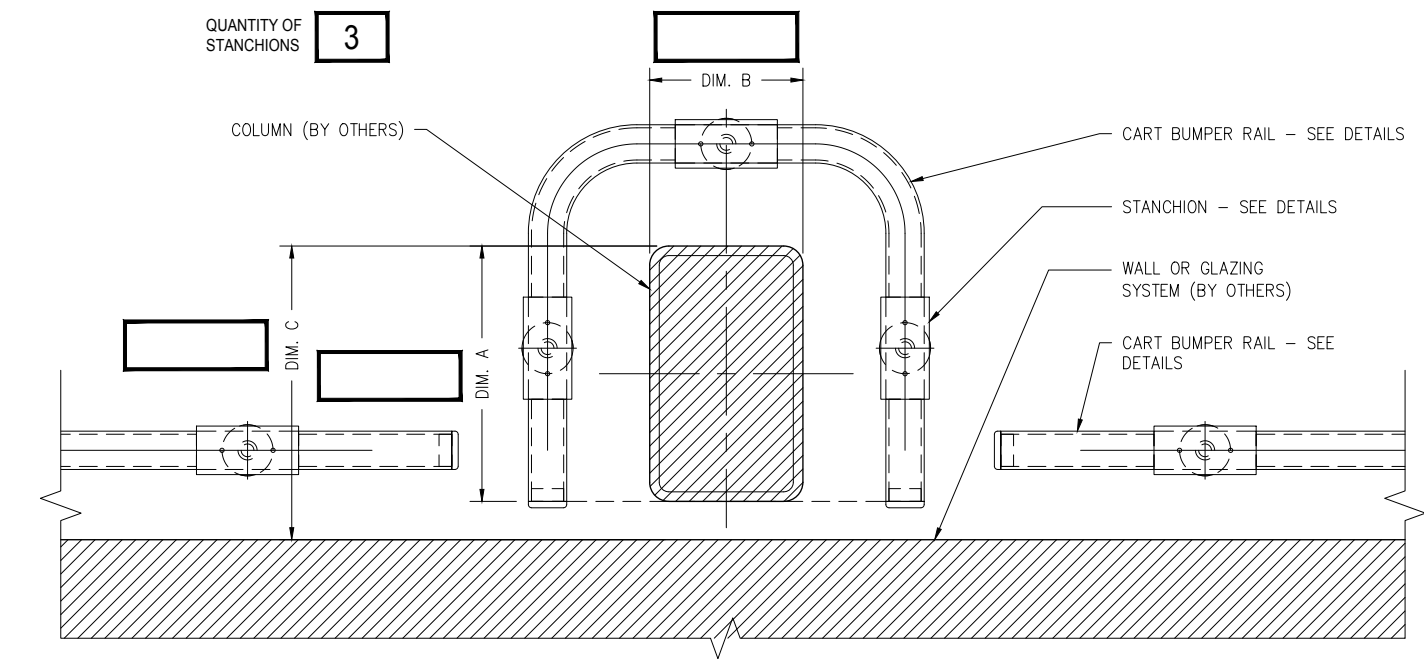


1 CART BUMPER RAIL
2 PLAN N.T.S.

- NOTES:
- 1. ENTER EACH CART BUMPER RAIL'S LENGTH DIMENSION AND REQUIRED QUANTITY OF STANCHIONS IN BOXES PROVIDED ABOVE.
 - 2. ENTER COLUMN SIZE IN BOXES PROVIDED LOWER RIGHT OF THIS PAGE.
 - 3. STANCHION QUANTITY FOR EACH STRAIGHT RAIL SECTION = DIMENSION IN INCHES / 60" MAX SPACING, ROUND DOWN + 2.
 - 4. STANCHIONS SHALL BE EQUALLY SPACED.
 - 5. AFTER ENTERING DIMENSIONAL INFORMATION IN BOXES, SIGN, DATE & PROVIDE JOB NAME BELOW. RETURN THIS PAGE ONLY TO A FENWALL PROJECT MANAGER.
 - 6. A 1-1/4"Ø HOLE 4" DEEP IS REQUIRED FOR INSTALLING THE STANCHION SLEEVE.
 - 7. ANCHOR STANCHION SLEEVE IN CONC. SLAB W/ EXPANSIVE ANCHORING CEMENT.

ADDITIONAL RAIL		
RAIL SECTION LENGTH	# OF STANCHIONS PER RAIL	QUANTITY

JOB LOCATION: _____ CUSTOMER APPROVED _____ DATE _____

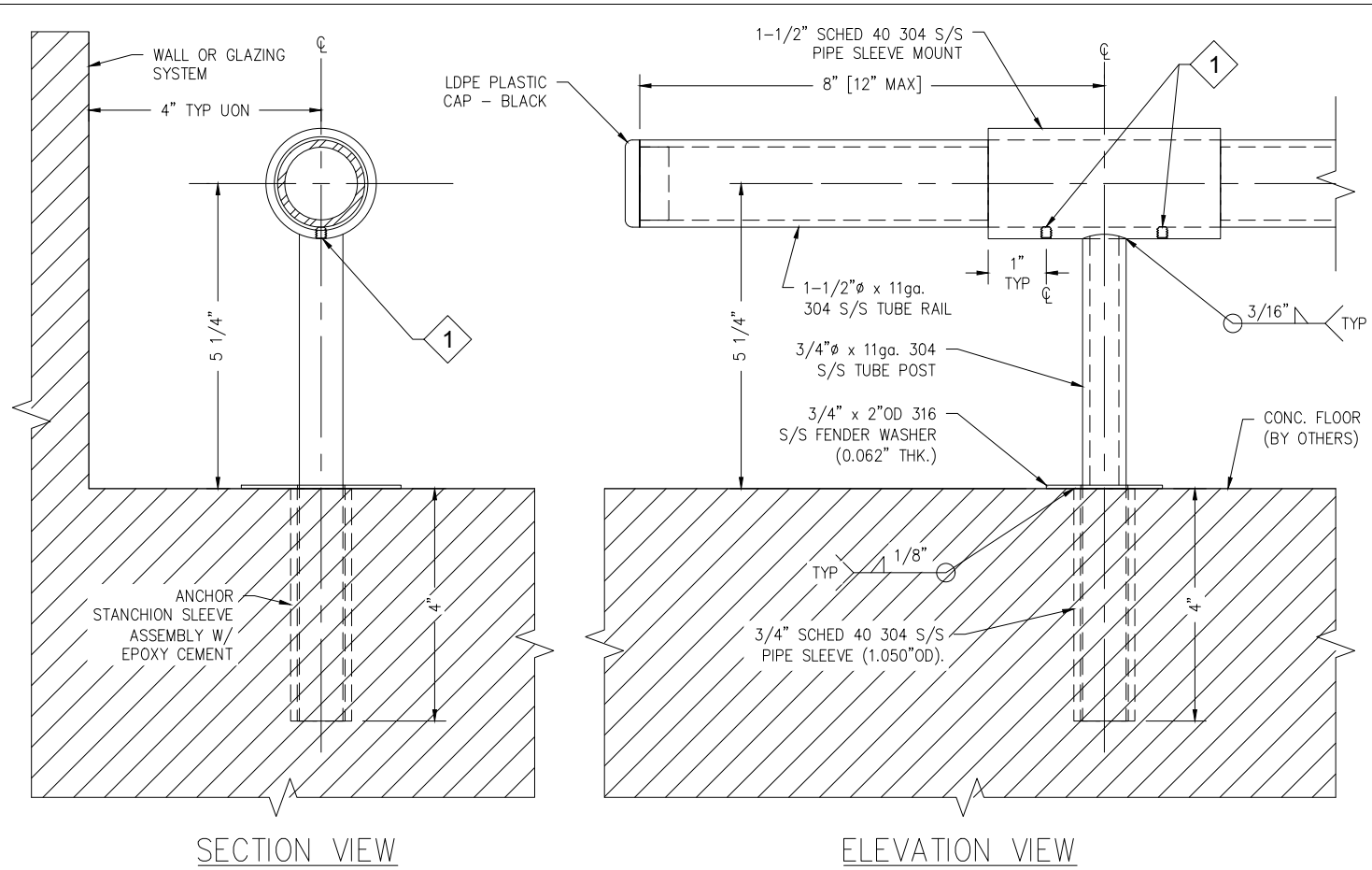


2 CART BUMPER RAIL @ COLUMN
2 PLAN N.T.S.

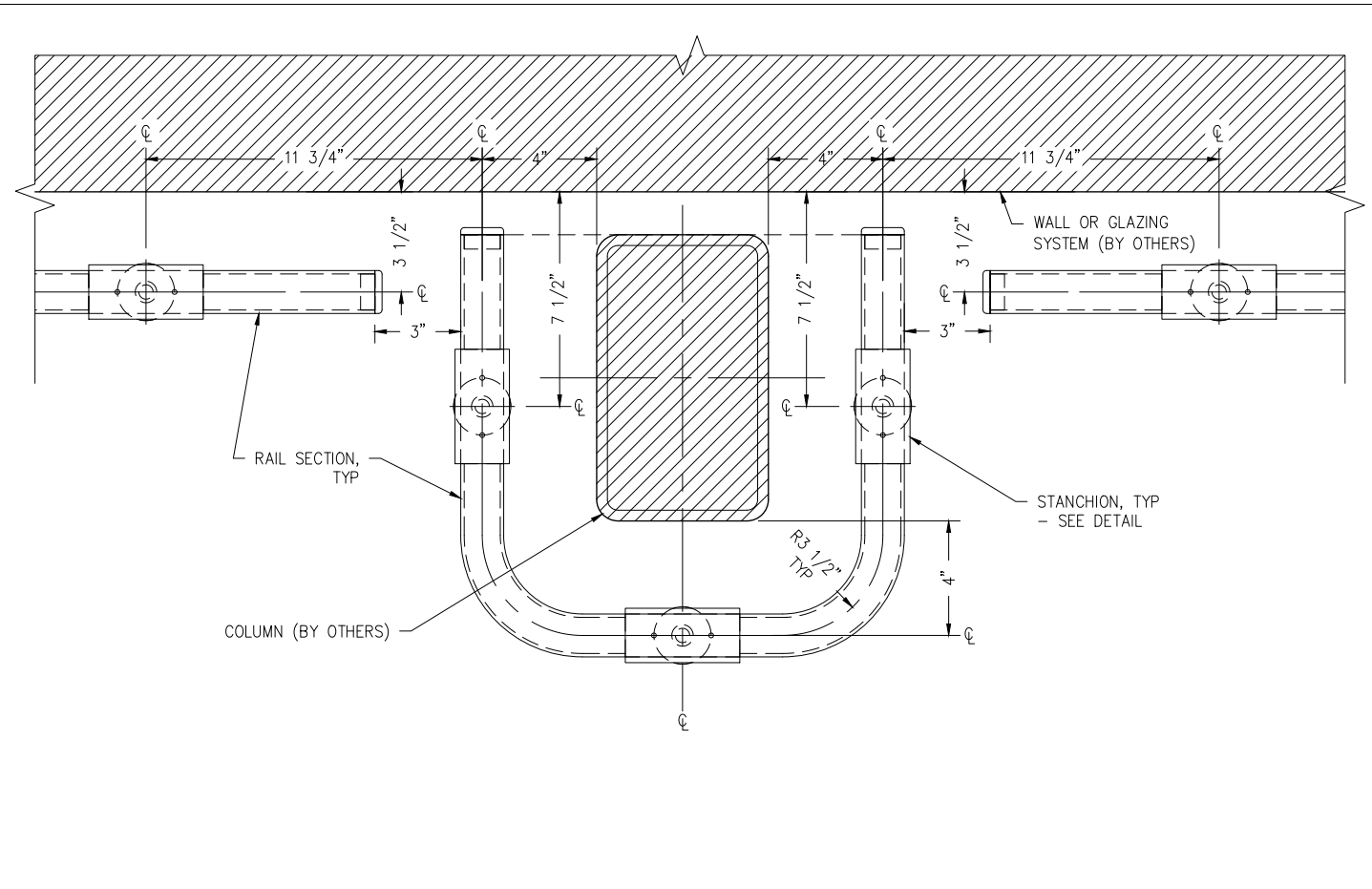
Customer: IN-HOUSE	
Assembly: REMOVABLE CART BUMPER RAIL	
Drawn By: JD	Date: 02/27/2019
Revision: ...	Date: ...
Scale: NTS	Sheet: 2 OF 3

Architects & Designers: FenWall recommends this note appear in the plan, elevation, section & details of your drawings.

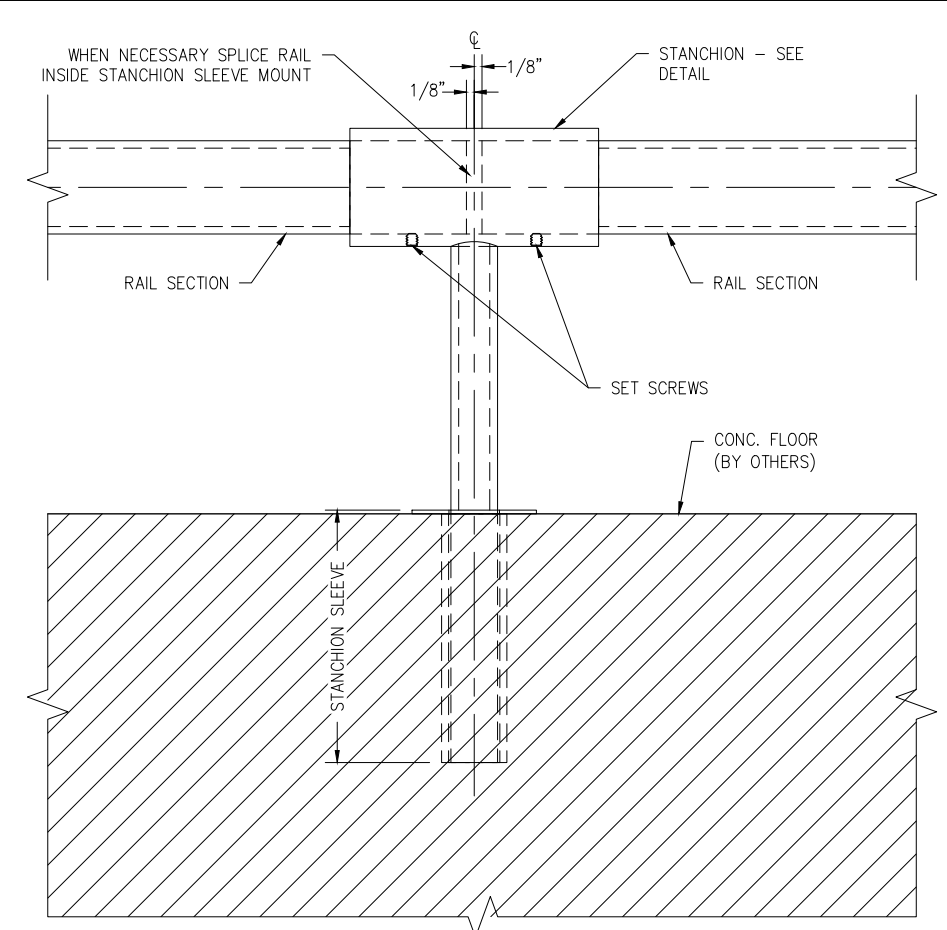
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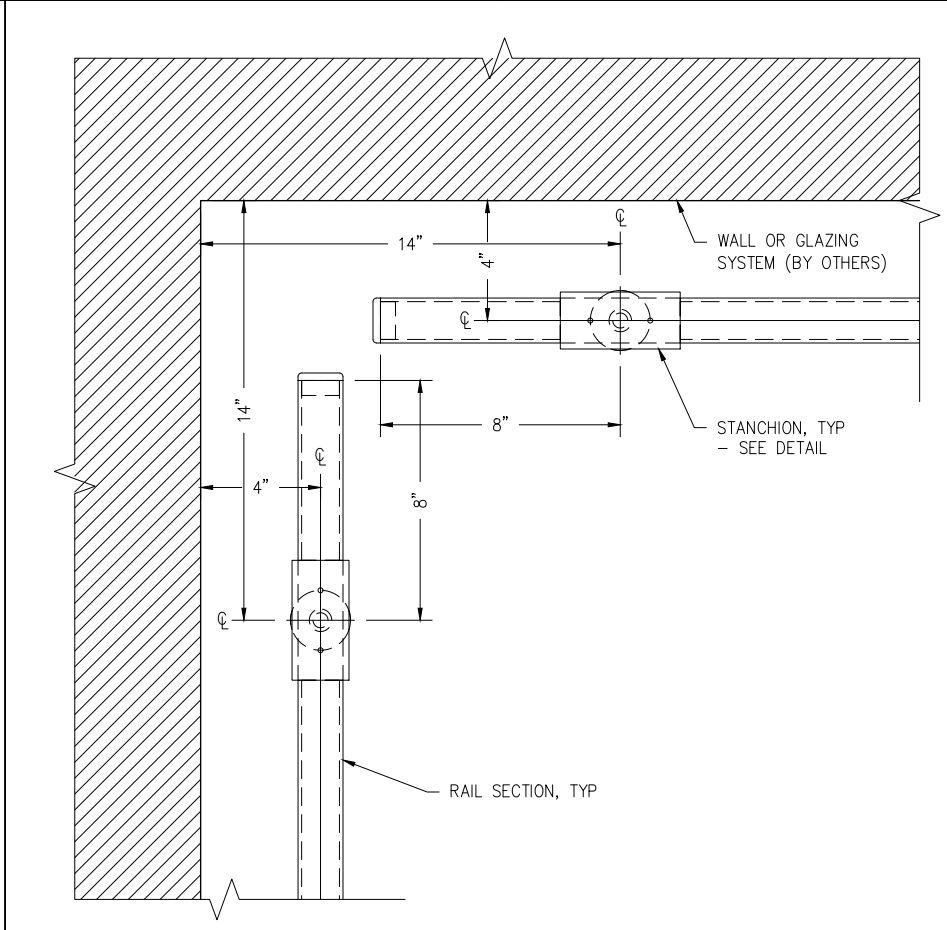
1 CART BUMPER RAIL & STANCHION DETAIL
3 SECTION & ELEVATION N.T.S.



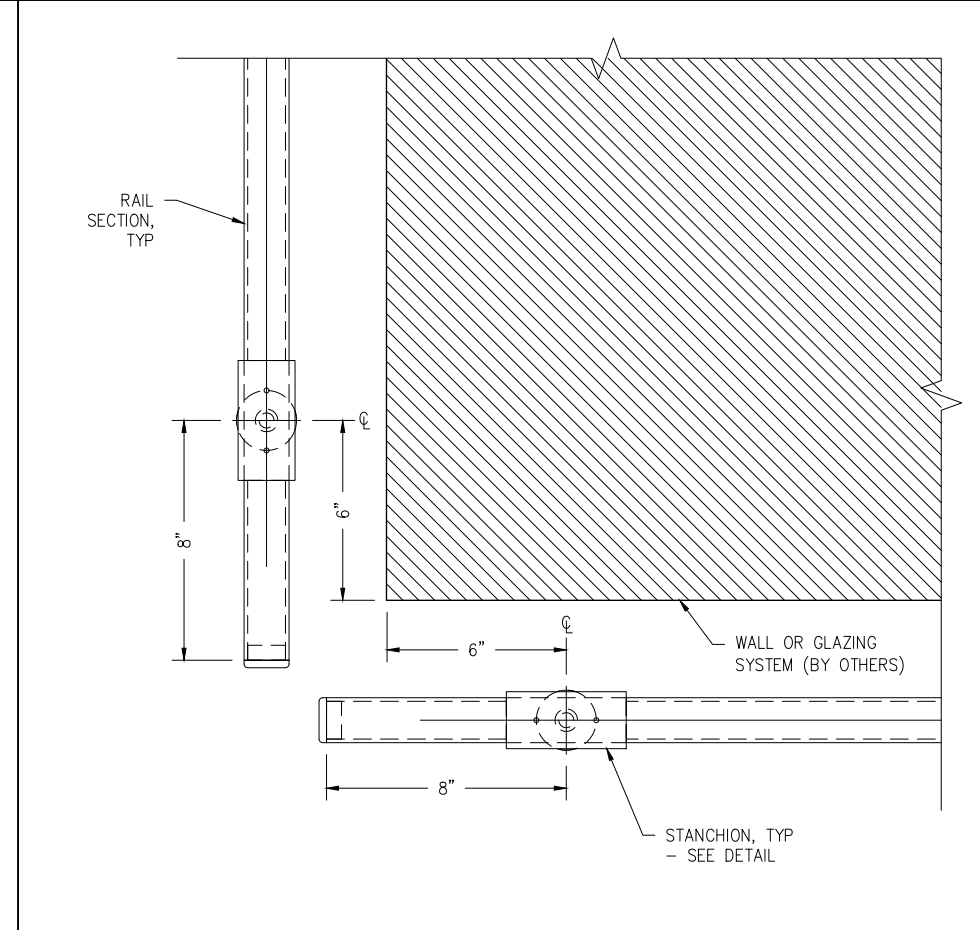
2 CART BUMPER RAIL STANCHION LAYOUT
3 PLAN N.T.S.



3 CART BUMPER RAIL SPLICE @ STANCHION DETAIL
3 ELEVATION N.T.S.



4 CART BUMPER RAIL STANCHION LAYOUT
3 PLAN N.T.S.



5 CART BUMPER RAIL STANCHION LAYOUT
3 PLAN N.T.S.



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