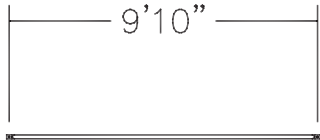
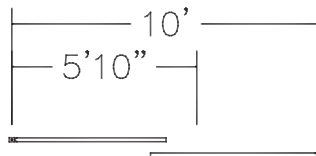


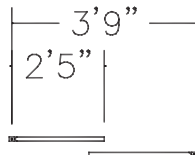
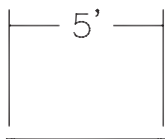
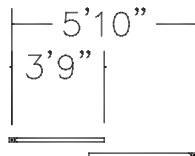
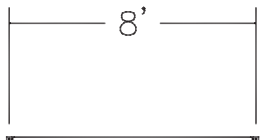
Post



Fixed Rail



Adjustable Rail



Corner Rail

SPECIFICATIONS:

1. **MATERIAL:**
 - POST: 1.25" ID (1.66") X .140" SCHEDULE 40 PIPE (ASTM A53) WELDED TO 2" X 3" X 3.5" STEEL BLOCK (ASTM A36) AND 3/16" STEEL PLATE (ASTM A36) BRACKET WITH PRE-PUNCHED HOLES AND SLOTS FOR PERMANENT STRUCTURAL ATTACHMENT.
 - HORIZONTAL FIXED RAIL: 1.625" X .065" (ASTM C1008/1010) STEEL TUBE RAILS
 - HORIZONTAL ADJUSTIBLE RAIL: 1.625" X .065" AND 1.375" X .065" (ASTM C1008/1010) STEEL TUBE ADJUSTIBLE SLIDE RAILS
2. **FINISH:** POWDER COAT
3. **HARDWARE:** 3/8"-16 X 1" ZINC PLATED STEEL RAIL FASTENERS
4. **STANDARDS:** MEETS AND EXCEEDS OSHA STANDARD 1926.502
5. **INSTALLATION:** STRUCTURAL FASTENERS:
 - WOOD: RSS STRUCTURAL SCREW
 - CONCRETE: CALIBURN PH CONCRETE PAN HEAD SCREW
 - OTHER

Model	Description	Dimension
FP-GRPLG	Ledge Mount Post	42"
FP-GRF60	Fixed Rail	5'
FP-GRF96	Fixed Rail	8'
FP-GRF118	Fixed Rail	9'-10"
FP-GRA43	Adjustible Rail	2'-5" to 3'-9"
FP-GRA70	Adjustible Rail	3'-9" to 5'-10"
FP-GRA120	Adjustible Rail	5'-10" to 10'
FP-GRC12	Corner Rail	12"

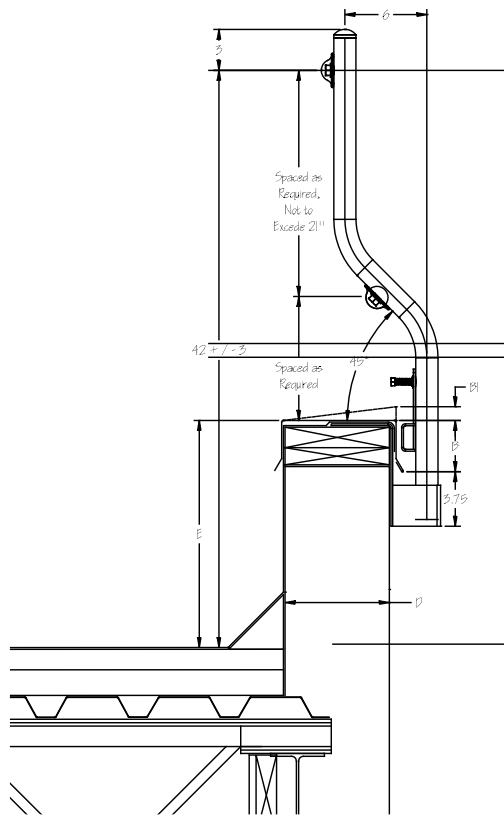
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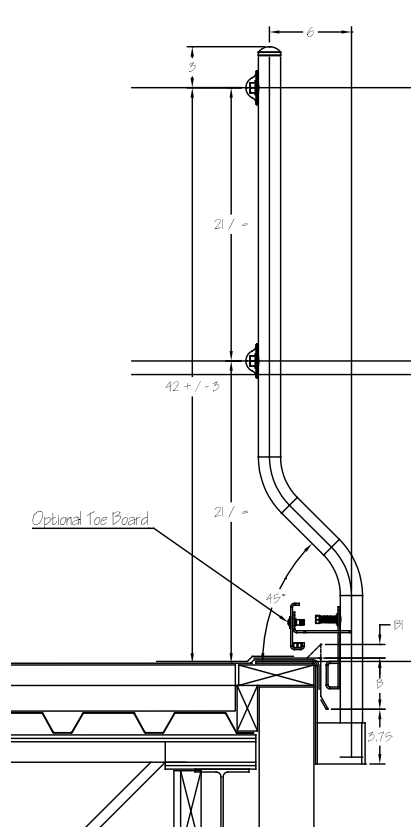
9300 73rd Avenue North
Minneapolis, MN 55428

TITLE:
GUARDRAIL, PERMANENT
LEDGE MOUNT

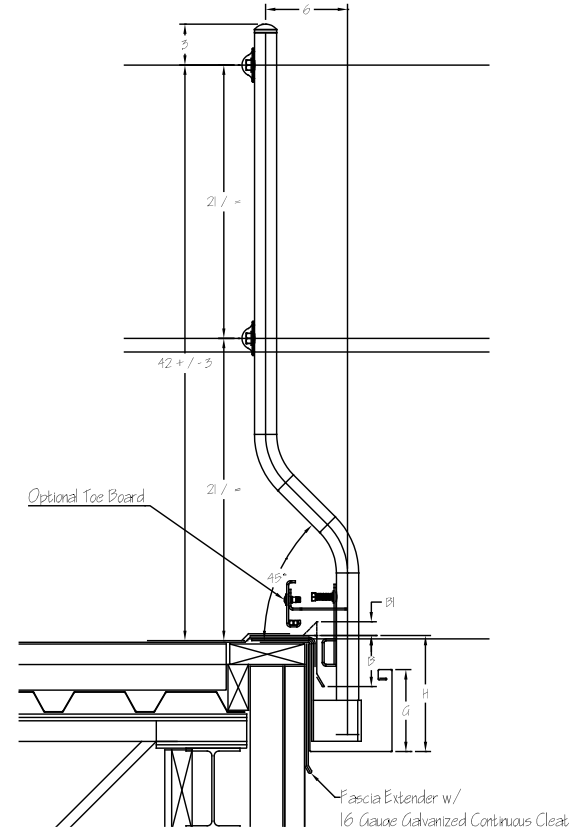
NAME	DATE	SIZE	DWG. NO.	REV
DRAWN	MD	12/16/14	A	FP-GRPL
RELEASED	MD	12/16/14	WEIGHT:	SHEET 1 OF 2



Roof w/Parapet Exterior Wall



Low Edge Roof on Exterior Wall



Gutter Edge on Exterior Wall

VARIABLE DIMENSIONS

DISTANCE 'B', FACE OF FASCIA OR COPING CAP.
DISTANCE 'B': _____

DISTANCE 'D', FACE OF FASCIA OR COPING CAP.
DISTANCE 'D': _____

DISTANCE 'B1', RISE HEIGHT OF FASCIA OR COPING CAP.
DISTANCE 'B1': _____

DISTANCE 'E', INSIDE HEIGHT OF PARAPET WALL.
DISTANCE 'E': _____

NOTE: ACCEPTABLE WALL STRUCTURES INCLUDE: CONCRETE MASONRY UNIT (CMU), BRICK, CONCRETE OR WOOD.

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 9300 73rd Avenue North Minneapolis, MN 55428			TITLE:		
			GUARDRAIL, PERMANENT LEDGE MOUNT		
	NAME	DATE	SIZE	DWG. NO.	REV
DRAWN	MD	12/16/14	A	FP-GRPL	A
RELEASED	MD	12/16/14	WEIGHT:		SHEET 2 OF 2