

CONSTANT FORCE POST (CFP)

"ENGINEERED FALL PROTECTION SOLUTION FOR MODERN ROOF"

CONSTANT FORCE POST (CFP) IS A CABLE-BASED ENGINEERED FALL PROTECTION SYSTEM DESIGNED TO PROVIDE SAFE ROOFTOP ACCESS FOR WORKERS AT HEIGHT. IT DELIVERS DEPENDABLE FALL ARREST OR RESTRAINT FUNCTIONALITY WHEN USED WITH CERTIFIED PERSONAL PROTECTIVE EQUIPMENT (PPE).

KEY FEATURES:



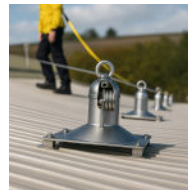
QUICK & EASY INSTALLATION

- NO REQUIREMENT FOR FIXING TO STRUCTURAL STEEL OR PURLINS
- COMPACT POST DESIGN IS LESS OBTRUSIVE THAN CONVENTIONAL BRACKETS
- SYSTEM INTEGRATES WITH THE BUILDING'S FORM, MAINTAINING ARCHITECTURAL AESTHETICS AND INTEGRITY



UNRIVALED PERFORMANCE

- IN THE EVENT OF A FALL, THE POST IS ENGINEERED TO DEPLOY AND ABSORB ENERGY, MINIMIZING LOAD TRANSFER AND PRESERVING ROOF PANEL INTEGRITY
- INTEGRATED ENERGY-ABSORBING COIL IS CAPABLE OF DISSIPATING UP TO 6,000 JOULES OF FORCE
- SYSTEM SUPPORTS SAFE USE BY UP TO THREE USERS SIMULTANEOUSLY



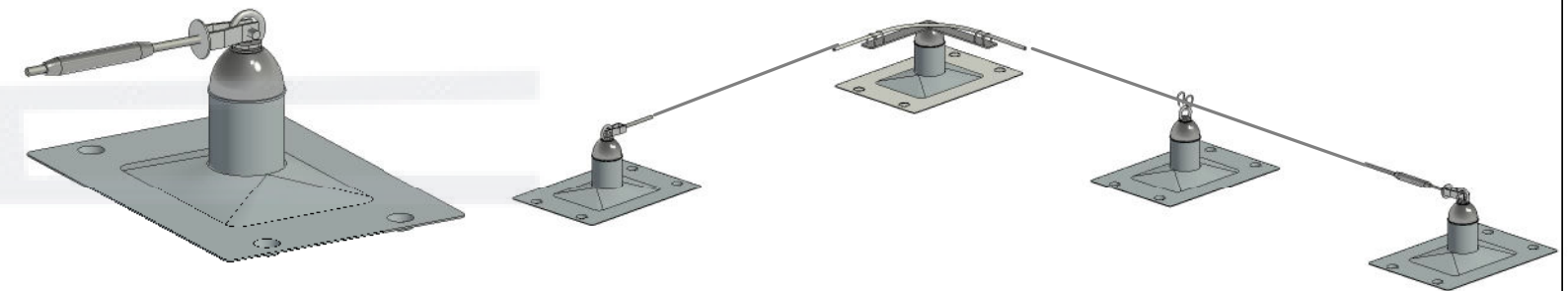
EXTREME VERSATILITY

- FULLY COMPATIBLE WITH ROOFING SYSTEMS FROM LEADING MANUFACTURERS
- CAN BE INSTALLED ON NEARLY ALL ROOF TYPES, INCLUDING STANDING SEAM, CORRUGATED METAL, SECRET-FIX, AND FLAT ROOFING SYSTEMS SUCH AS TPO/FPO, PVC, EPDM, AND MODIFIED BITUMEN

ROOFING SYSTEM

CAN BE INSTALLED ALONG PERIMETERS, RIDGES, OR ACROSS FULL ROOFTOP SPANS. INTERCONNECTED SYSTEMS RECOMMENDED FOR COMPLETE ROOF COVERAGE. NOT RECOMMENDED FOR ROOF PITCHES EXCEEDING 25°.

- STANDING SEAM ROOFS
- COMPOSITE ROOFS
- BUILT-UP SYSTEMS
- SECRET FIX SYSTEMS
- SINGLE-PLY MEMBRANE ROOFS
- BITUMINOUS MEMBRANES

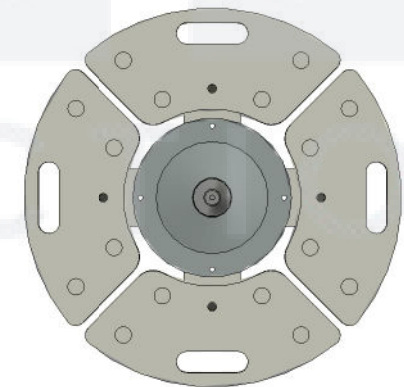
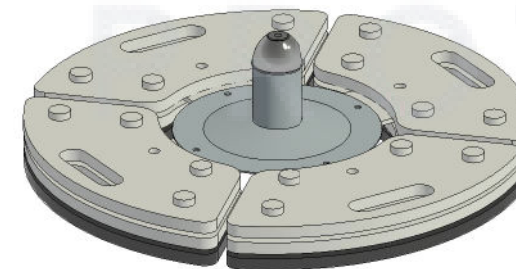


CONSTANT FORCE POST

TYPICAL LAYOUT

FREESTANDING CONSTANT FORCE POST

SUITABLE FOR APPLICATIONS WHERE ROOF PENETRATION IS NOT REQUIRED OR POSSIBLE. IT IS AVAILABLE AS A RESTRAINT OR AN ARREST SYSTEM AND CAN BE USED SINGULARLY OR IN SERIES, VARYING THE NUMBER OF SECTIONS TO SUIT THE APPLICATION

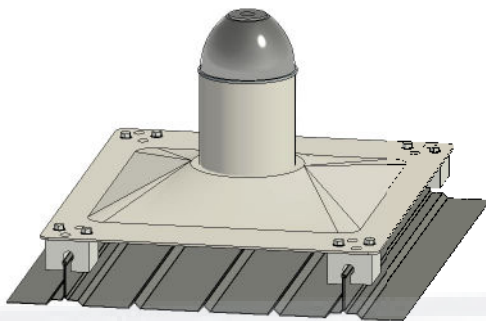


FREESTANDING CONSTANT FORCE

FOR DETAILS REFER SHEET 004.

			
• www.EDGEfallprotection.com • TF No.: 844-314-1374 • SALES@edgefallprotection.com			
SIZE:	DWG NO:	The information contained in this drawing is the sole property of Edge Fall Protection, LLC.	REV. 0
A3	EFPS-100064-DRG-001		DATE: 06.04.2025
PROJECT NAME:			CHECKED: MM
PRODUCT SUMMARY - EDGE CONSTANT FORCE POST (CFP)			DRAWN: KB
SCALE:	TITLE:	SHEET 001	
As indicated	OVERVIEW		

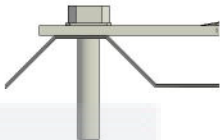
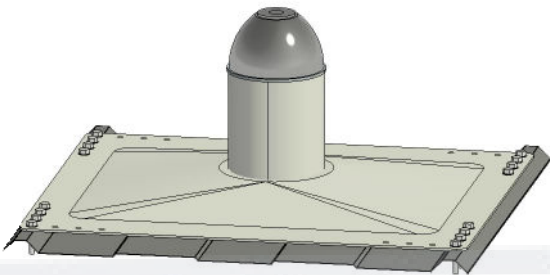
CONSTANT FORCE POST ON STANDING SEAM ROOFING



FIXING DIMENSION:
300/305/333/400/500

FIXING METHOD:
4 SPLIT CLAMPS

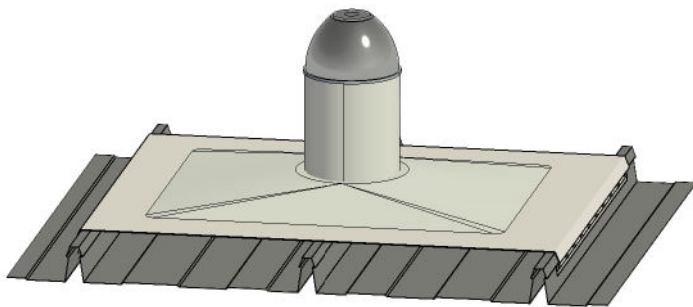
COMPOSITE/BUILT-UP-ON-SITE ROOFING



FIXING DIMENSION:
250/300/333/400/500

FIXING METHOD:
16 STITCHING SCREW

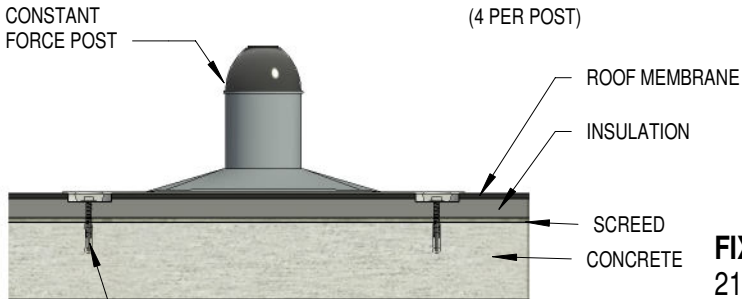
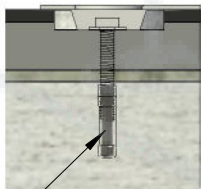
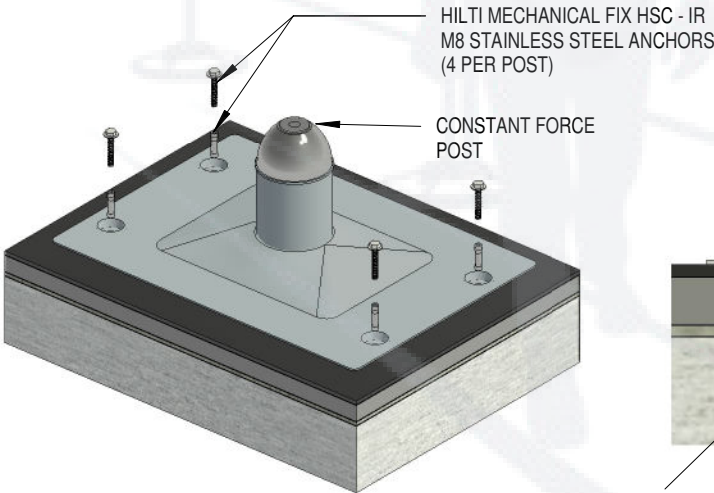
SECRET FIX ROOFING



FIXING DIMENSION:
500/532

FIXING METHOD:
20 BULB TITE WATER SEAL RIVETS

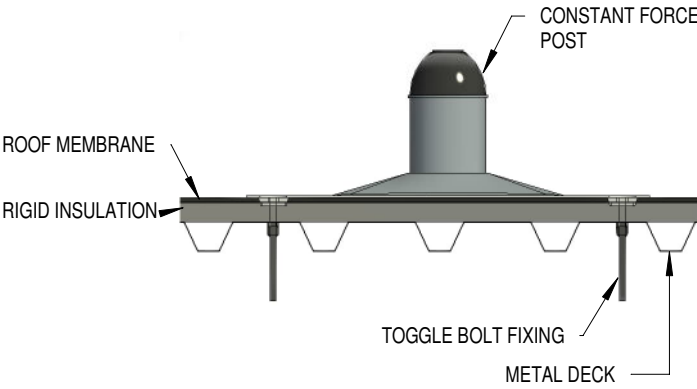
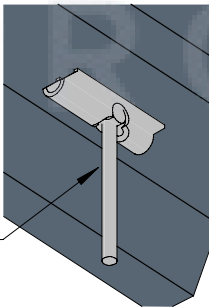
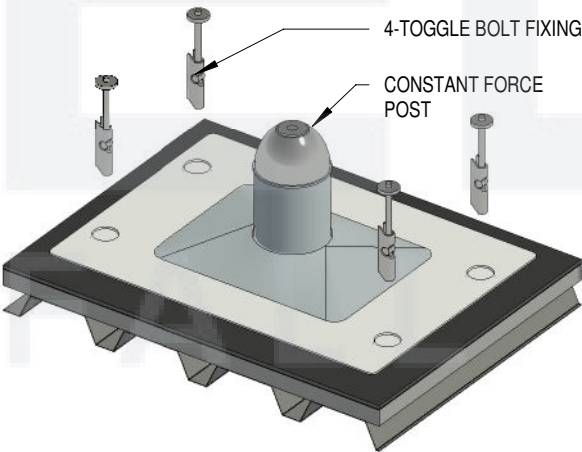
CONCRETE DECK FLAT ROOFING



FIXING DIMENSION:
210/268/300/350/459

FIXING METHOD:
4 M8 MECHANICAL
FIXING ANCHORAGE

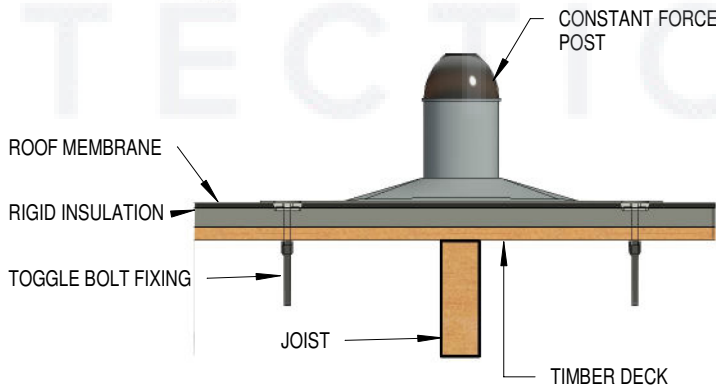
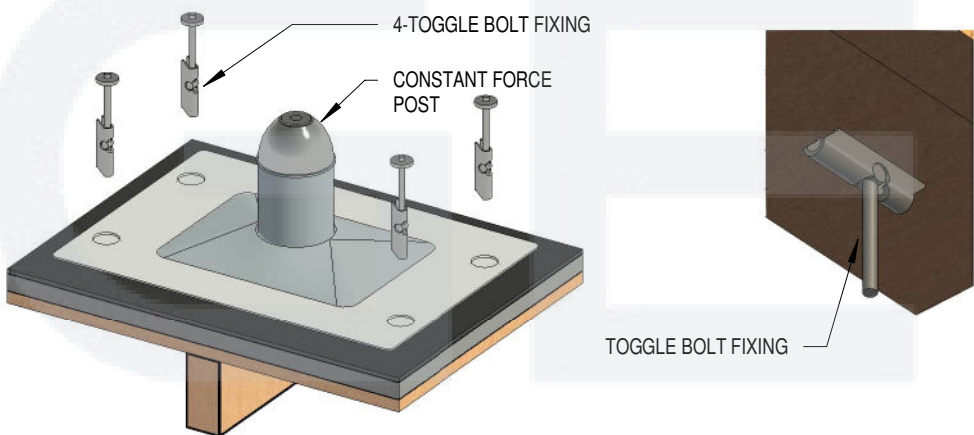
METAL DECK FLAT ROOFING



FIXING DIMENSION:
210/268/300/350/459

FIXING METHOD:
4 TOGGLE BOLTS

TIMBER DECK FLAT ROOFING

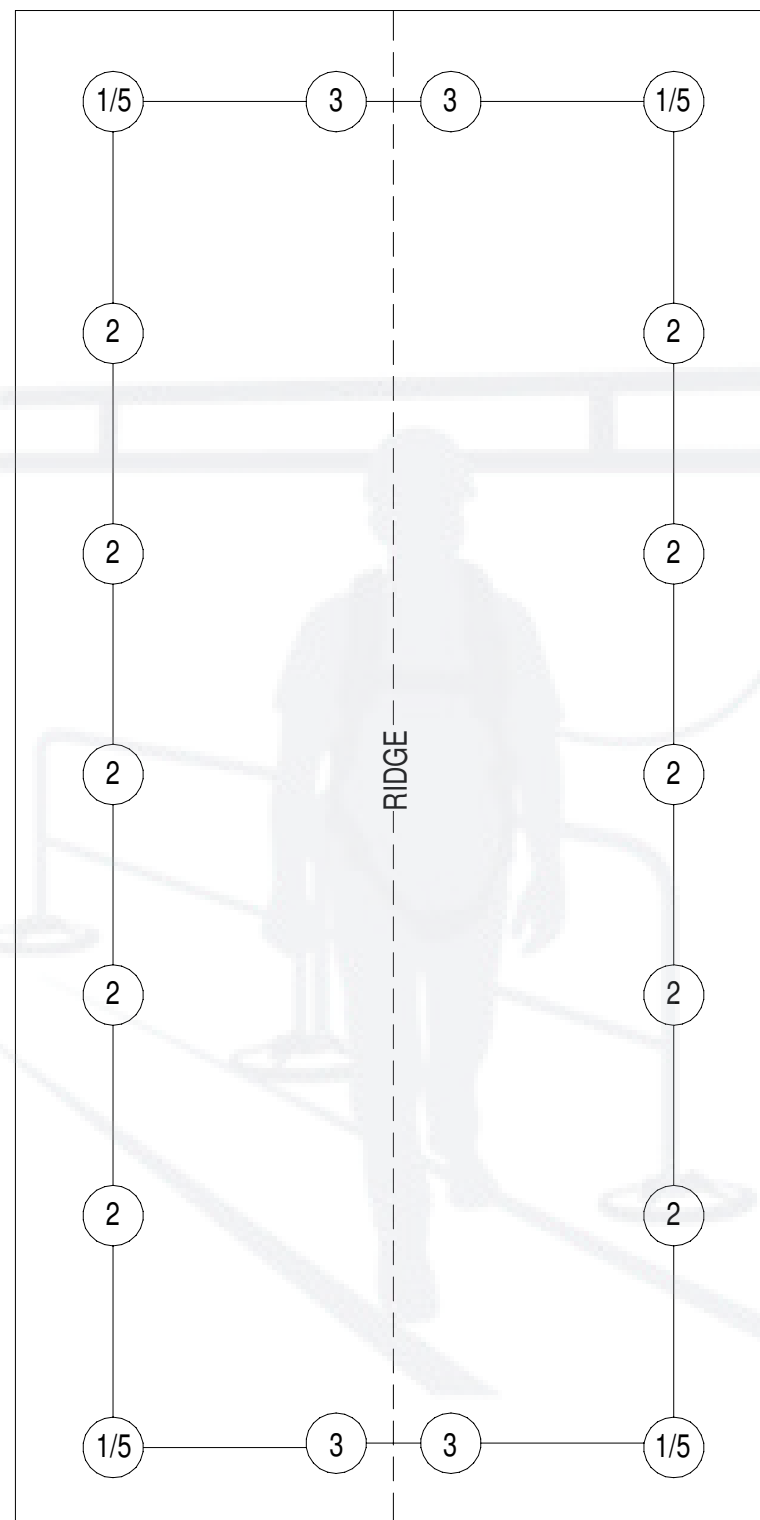


FIXING DIMENSION:
210/268/300/350/459

FIXING METHOD:
4 TOGGLE BOLTS

EDGE
FALL PROTECTION
6294 BURRY DR. EDEN PRAIRIE, MN 55346

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SIZE: A3	DWG NO: EFP-PS-100064-DRG-002
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PROJECT NAME: PRODUCT SUMMARY - EDGE CONSTANT FORCE POST (CFP)	REV: 0
SCALE: As indicated	CHECKED: MM DRAWN: KB
TITLE: TYPICAL ATTACHMENT METHODS	
SHEET 002	



TYPICAL LAYOUT
1 : 200

LONG RUN LINE TENSER,
RH THREAD
85073-00

TURNBUCKLE BODY AND
L/H MALE TOGGLE
85052-00

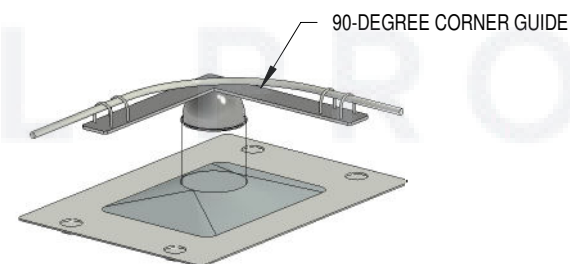
D-RING
85030-00

(1) START ANCHOR

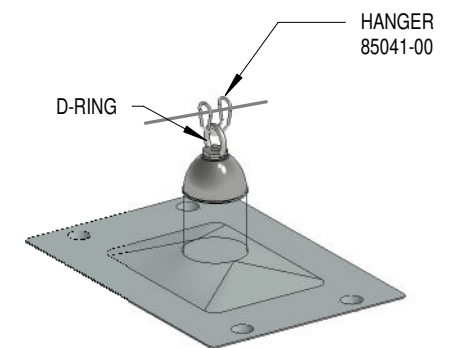
A TYPICAL ROOF LAYOUT FOR A PERIMETER SYSTEM IS ILLUSTRATED IDENTIFYING THE DIFFERENT SYSTEM COMPONENTS

NOTES:

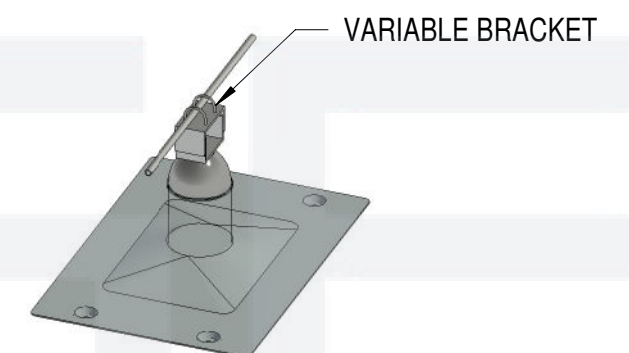
- POSTS MUST NOT BE SPACED MORE THAN 10 M (33FT) APART.
- DESIGNERS SHOULD TRY TO ENSURE THAT ACCESS TO ALL AREAS IS ACHIEVED WITHOUT THE REQUIREMENT FOR PPE (PERSONAL PROTECTIVE EQUIPMENT) ADJUSTMENT.



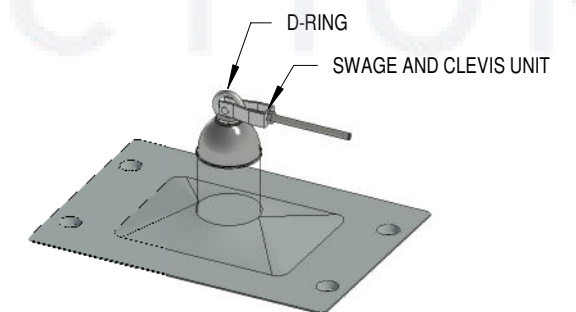
(4) CORNER ANCHOR



(2) INTERMEDIATE ANCHOR



(3) VARIABLE POST



(5) END ANCHOR

SYSTEM COMPONENTS



TRANSFASTENER



TURNBUCKLE ASSEMBLY



SWAGE & CLEVIS



90° CORNER BRACKET



VARIABLE BRACKET



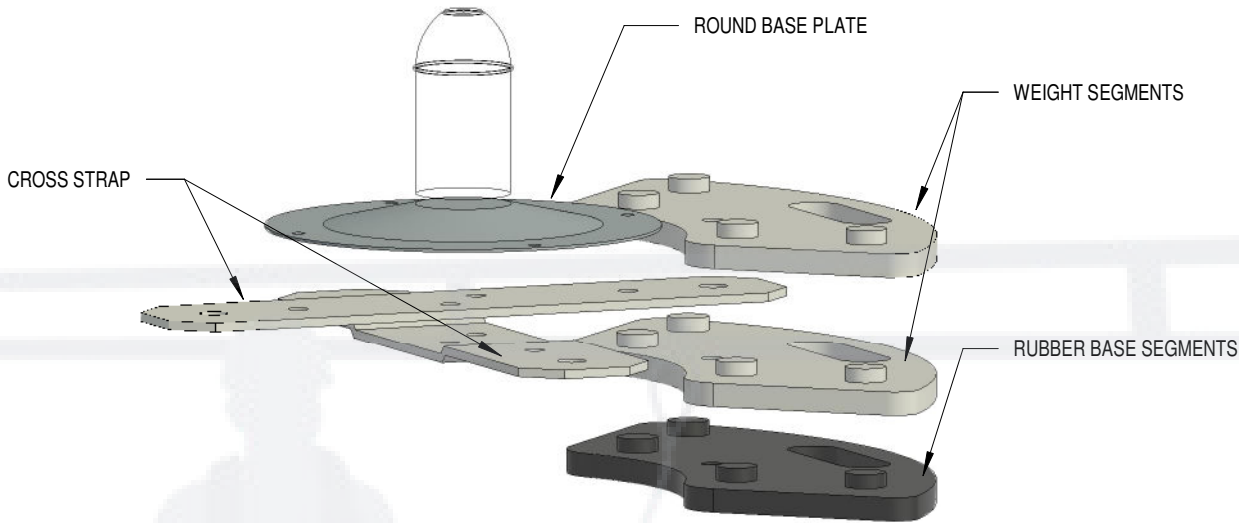
D RING & HANGER

EDGE
FALL PROTECTION

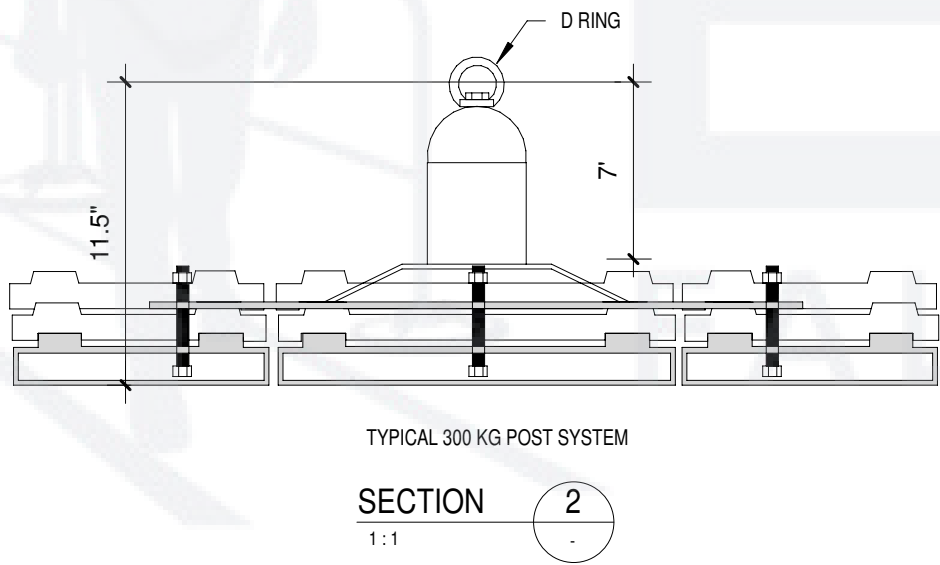
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SIZE: A3	DWG NO: EFP-PS-100064-DRG-003
REV: 0	DATE: 06.04.2025
PROJECT NAME: PRODUCT SUMMARY - EDGE CONSTANT FORCE POST (CFP)	
CHECKED: MM	DRAWN: KB
SCALE: 1 : 200	TITLE: TYPICAL LAYOUT AND COMPONENT SYSTEM
SHEET 003	

FREESTANDING CONSTANT FORCE POST

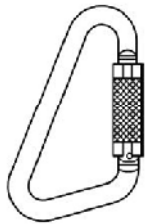


FREESTANDING CFP COMPONENT DETAILS



KEY NOTES

- SINGLE-POINT ANCHOR DEVICE INTENDED FOR ATTACHMENT OF PERSONAL FALL PROTECTION EQUIPMENT.
- **D-RING:** ATTACHMENT POINT AT TOP OF CFP REFER SHEET 003.
 - **KARABINER (CARABINER):** SPRING-LOADED, LOCKING GATE CONNECTOR- OFTEN OVAL OR D SHAPED.
 - **SNAP HOOK:** HOOK-STYLE CONNECTOR WITH A GATE CLOSSES AUTOMATICALLY.



KARABINER



SNAP HOOK

POST TYPES & USAGE

POST TYPE	PART NO.	WEIGHT	USE
400 KG POST	65644-00	400 KG	SINGLE POINT ANCHOR, END POST IN HORIZONTAL CABLE
300 KG POST	65640-00	300 KG	SINGLE POINT ANCHOR ONLY
200 KG POST	65643-00	200 KG	INTERMEDIATE ANCHOR ONLY IN HORIZONTAL CABLE SYSTEM
100 KG UPGRADE KIT	65641-00	+100 KG	ADDS TO A 300 KG POST TO CREATE A 400 KG SETUP

WEIGHT BREAKDOWN BY SEGMENT

SEGMENT COUNT	CONFIGURATION	APPROX. WEIGHT
16 SEGMENTS	FULL SYSTEM (MAX)	400 KG
12 SEGMENTS	STANDARD SYSTEM	300 KG
8 SEGMENTS	INTERMEDIATE ANCHOR USE	200 KG

SEGMENT BY ROOF TYPE (FOR SINGLE-POINT ANCHOR)

ROOF TYPE	SEGMENT (FLAT ROOF)	SEGMENT AT 5° SLOPE
CONCRETE	12	12
SINGLE PLY MEMBRANE	12	12
BITUMEN MENBRANE	12	16
ASPHALT- SANDED	12	12
ASPHALT- STONE CHIPPINGS	16	-
STEEL PROFILE	16	16

NOTES:
RUBBER-COATED BASE SEGMENT = 25KG
GALVANIZED SEGMENT = 23KG
EDGE DISTANCE: ≥2.5M
MAX O.C. FOR HLL SYSTEM = 10M.(33FT)

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PROJECT NAME: PRODUCT SUMMARY - EDGE CONSTANT FORCE POST (CFP)	REV: 0
SCALE: As indicated	DATE: 06.04.2025
TITLE: FREESTANDING CFP DETAILS	CHECKED: MM
	DRAWN: KB
	SHEET 004