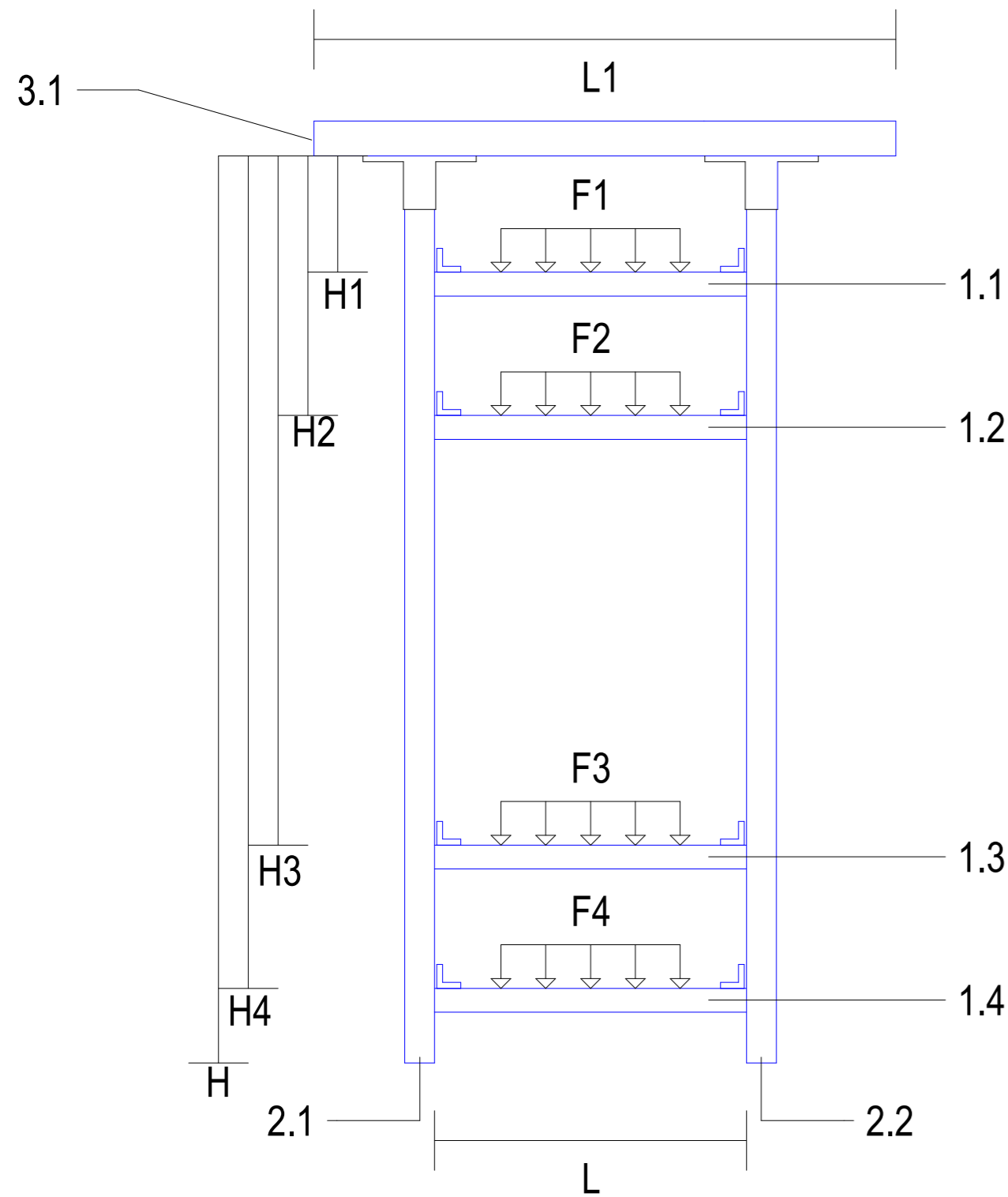


# FORM 1A

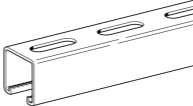
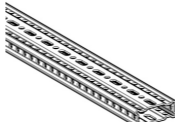
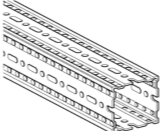
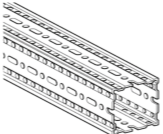



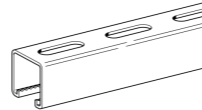
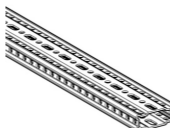
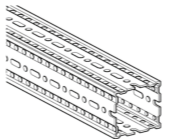
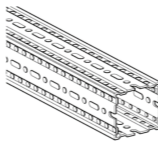
For comprehensive guidelines and additional information, refer to the relevant sections in FORM2A or contact the project management team.

## DATA INPUT FORM

DATA INPUT - SIZING				DATA INPUT - LOADS					
Item	Un	Value	Validated	Item	Un	Value	Max Span (m)	Value (kN)	Validated
H1	mm	495		F1	kN/m	0.235	1.5	0.353	
H2	mm	795		F2	kN/m	0.235	1.5	0.353	
H3	mm	1345		F3	kN/m	0.235	1.5	0.353	
H4	mm	1645		F4	kN/m	0.235	1.5	0.353	
H	mm	1741		AMOUNT TO ORDER: 14					
L1	mm	720							
L	mm	500							

## COMPONENT SELECTION

1 & 3 - - - - - HORIZONTAL PROFILES										
Type	Image	Max Load	Sizes Available	1.1	1.2	1.3	1.4	1.5	1.6	3.1
Pressix CC 41		L=300; N/A L=500; $F_{max}=0.4kN$ L=750; $F_{max}=TBD$ L=1000; N/A L=1200; N/A L=1500; N/A L=2000; N/A L=3000; N/A L=6000; N/A	300mm 500mm 750mm 1000mm 1200mm 1500mm 2000mm 3000mm 6000mm							
siFramo 80/30		L=300; N/A L=500; $F_{max}=9.6kN$ L=750; $F_{max}=TBD$ L=1000; N/A L=1200; N/A L=1500; N/A L=2000; N/A L=3000; N/A L=6000; N/A	300mm 500mm 750mm 1000mm 1200mm 1500mm 2000mm 3000mm 6000mm							
siFramo 80		L=300; N/A L=500; $F_{max}=9.6kN$ L=750; $F_{max}=TBD$ L=1000; N/A L=1200; N/A L=1500; N/A L=2000; N/A L=3000; N/A L=6000; N/A	300mm 500mm 750mm 1000mm 1200mm 1500mm 2000mm 3000mm 6000mm							
siFramo 100		L=300; N/A L=500; N/A L=750; N/A L=1000; N/A L=1200; N/A L=1500; N/A L=2000; N/A L=3000; N/A L=6000; N/A	300mm 500mm 750mm 1000mm 1200mm 1500mm 2000mm 3000mm 6000mm							
Validation:										

2 - VERTICAL PROFILES					
Type	Image	Max Load	Sizes Available	2.1	2.2
Rod		H=300; N/A H=500; N/A H=750; N/A H=1000; N/A H=1200; N/A H=1500; N/A H=2000; N/A H=3000; N/A H=6000; N/A	300mm 500mm 750mm 1000mm 1200mm 1500mm 2000mm 3000mm 6000mm		
Pressix CC 41		H=300; N/A H=500; N/A H=750; N/A H=1000; N/A H=1200; N/A H=1500; N/A H=2000; N/A H=3000; N/A H=6000; N/A	300mm 500mm 750mm 1000mm 1200mm 1500mm 2000mm 3000mm 6000mm		
siFramo 80/30		H=300; N/A H=500; N/A H=750; N/A H=1000; N/A H=1200; N/A H=1500; N/A H=2000; N/A H=3000; N/A H=6000; N/A	300mm 500mm 750mm 1000mm 1200mm 1500mm 2000mm 3000mm 6000mm		
siFramo 80		H=300; N/A H=500; N/A H=750; N/A H=1000; N/A H=1200; N/A H=1500; N/A H=2000; N/A H=3000; N/A H=6000; N/A	300mm 500mm 750mm 1000mm 1200mm 1500mm 2000mm 3000mm 6000mm		
siFramo 100		H=300; N/A H=500; N/A H=750; N/A H=1000; N/A H=1200; N/A H=1500; N/A H=2000; N/A H=3000; N/A H=6000; N/A	300mm 500mm 750mm 1000mm 1200mm 1500mm 2000mm 3000mm 6000mm		
			Validation:		

## OVERVIEW

MC Prefab is a collaborative joint venture between CTS, MECWIDE, and BIMMS. The primary objective of this partnership is to streamline the production of Mechanical, Electrical, and Plumbing (MEP) support structures.

To achieve standardization and optimization in support production, installation, and to minimize material waste, a comprehensive catalog of solutions has been developed. This catalog defines all support solutions along with their respective variables.

### Process Stages:

The overall process of MEP support structure production and installation is divided into three distinct stages:

## 1-Preparation

## 2-Production

### 3-Installation

Each stage requires specific documentation, outlined as follows:

## Form1A: Base Specification for Support Solution

### Definition

## Form2A: Fabrication Drawing

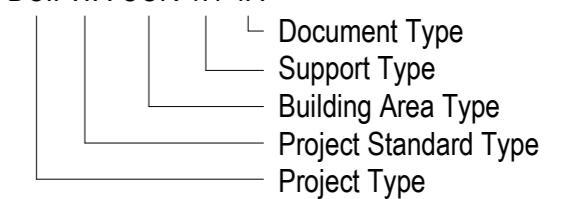
### Form3A: Installation Drawing

These documents ensure the standardization and efficiency of the entire process, from initial preparation through to final installation.

For any further details or clarifications, please refer to the MC Prefab documentation guidelines or contact the project management team.

## Naming Convention

DC.FWA-COR-1.1-1A

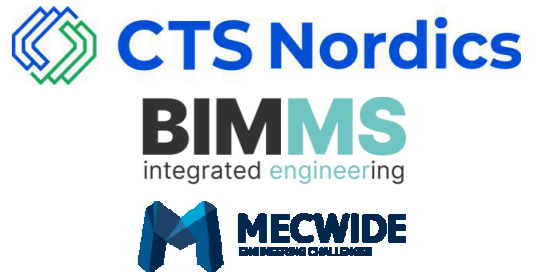


P01	07/08/2024	Issued For Information	GJ	MP
Rev.	Date	Description	Sign.	Veri.

JOINT VENTURE:



DESIGN & BUILD PARTNERS:



DRAWING NAME:

DC.FWA-COR-2.2-1A

DRAWING STATUS: Issued For Information		SCALE: 1/150	STATUS: S2
DATE CREATED: 07/08/2024	LAST REV. DATE: 07/08/2024	SIGNED: GJ	CONTROL: MP
DRAWING NUMBER: FIN3005-BMS-B1-XX-DR-J-C221A		FORMAT: A2	REVISION: P01