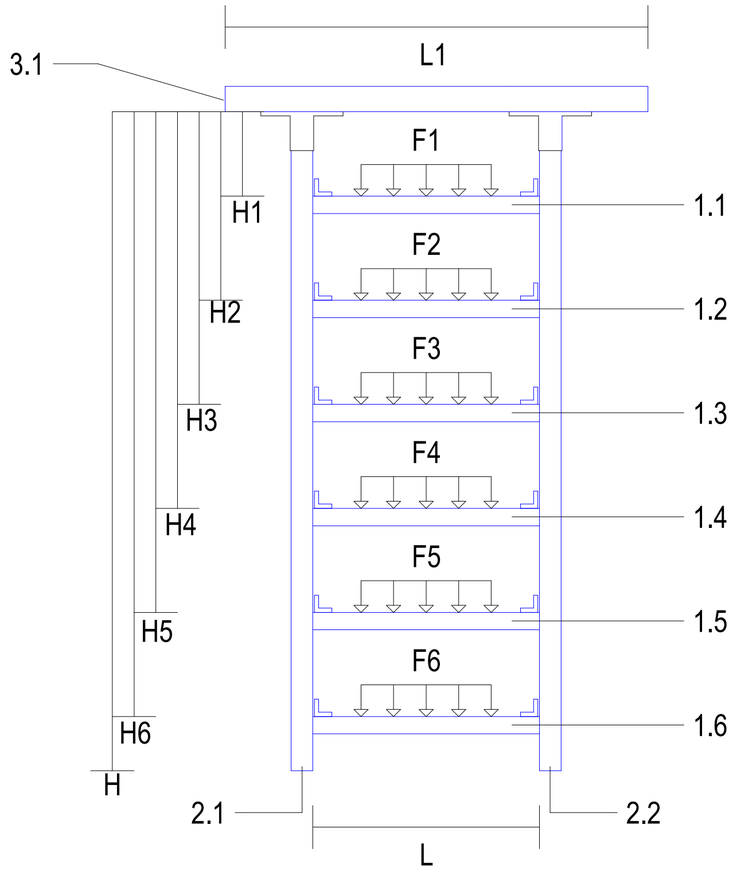
FORM 1A



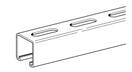
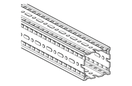
DATA INPUT FORM

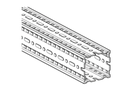
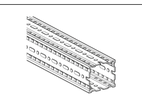
DATA INPUT - SIZING			
Item	Un	Value	Validated
H1	mm	205	
H2	mm	505	
H3	mm	805	
H4	mm	1105	
H5	mm	1555	
H6	mm	1855	
H7	mm	N/A	
H8	mm	N/A	
H	mm	2000	
L1	mm	1500	
L	mm	500	

DATA INPUT - LOADS					
Item	Un	Value	Max Span (m)	Value (kN)	Validated
F1	kN/m	0.235	1.5	0.353	
F2	kN/m	0.235	1.5	0.353	
F3	kN/m	0.235	1.5	0.353	
F4	kN/m	0.235	1.5	0.353	
F5	kN/m	0.167	1.5	0.250	
F6	kN/m	0.167	1.5	0.250	
F7	kN/m	N/A	N/A	N/A	
F8	kN/m	N/A	N/A	N/A	

AMOUNT TO ORDER: 108

COMPONENT SELECTION

1 & 3 - HORIZONTAL PROFILES												
Type	Image	Max Load	Sizes Available	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	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:		

NOTE:

FORM1A Preparation:
Defines primary support component sizes and types. Refer to FORM2A for further detailing.
Component Selection Process:
Primary Components: Selected by the user.
Secondary Components: Automatically selected based on primary profiles.
Scope Exclusion:
Frame interface with the building structure is not included in this document.

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

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
- Document Type
- Support Type
- Building Area Type
- Project Standard Type
- Project Type

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

JOINT VENTURE:
MC Prefab Nordics

DESIGN & BUILD PARTNERS:
CTS Nordics
BIMMS integrated engineering
MECWIDE

DRAWING NAME:
DC.FWA-COR-1.2-1A

DRAWING STATUS:		SCALE:	STATUS:
Issued For Information		1/150	S2
DATE CREATED:	LAST REV. DATE:	SIGNED:	CONTROL:
07/08/2024	07/08/2024	GJ	MP
DRAWING NUMBER:		FORMAT:	REVISION:
FIN3005-BMS-B1-XX-DR-J-C121A		A2	P01