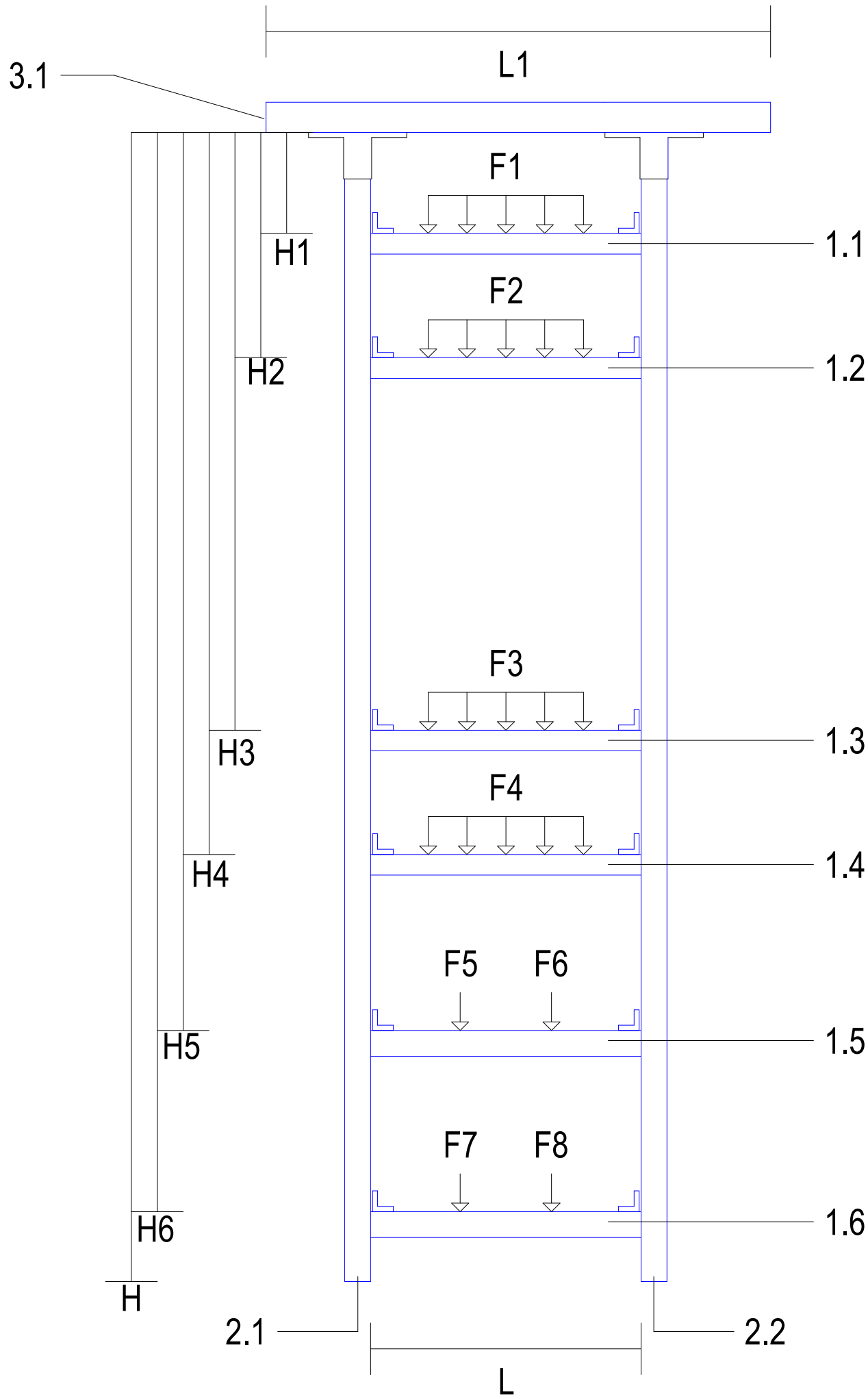


FORM 1A



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.

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	
H5	mm	2305		F5	kN/m	2.600	3.0	7.800	
H6	mm	2828		F6	kN/m	2.600	3.0	7.800	
H	mm	2953		F7	kN/m	2.600	3.0	7.800	
L1	mm	1410		F8	kN/m	2.600	3.0	7.800	
L	mm	1016		AMOUNT TO ORDER: 16					

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

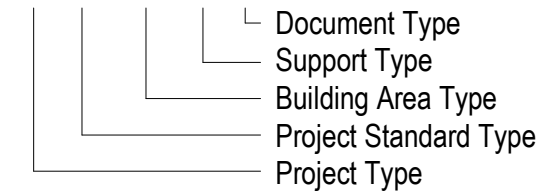
Form3A: Installation Drawing

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-2.1-1A

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
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