



Solution: SR2N04020NAA2

1. Change Log..... 3

2. Site Planning Datasheet..... 4

3. Interconnection Guide (ICG)..... 5

4. Field Supplied Cable & Part List 21

5. Vertiv MSR2 600mm IT Rack 22

6. Vertiv MSR2 Power Management Cabinet (PMC) 23

7. Vertiv Liebert CR019 with Plenums 24

8. Vertiv MSR2 Fire Suppression System (FSS) 25

9. Power Management Unit - 20kW (PMU20)..... 26

10. PMU20 Terminal Blocks Size..... 27

11. Vertiv MSR2 - CT600 Cable Tray 600mm 28

12. Scope of Work 29

1. Change Log

Rev	Date	Author	Description	Number of Change
A	1/29/2024	TK	Initial Release	CO-1104874
B	4/7/2025	TK	ICGs Update	CO-1112923
C	4/7/2025	TK	ICGs Update with HighSpeed mixing Fan	CO-1120265

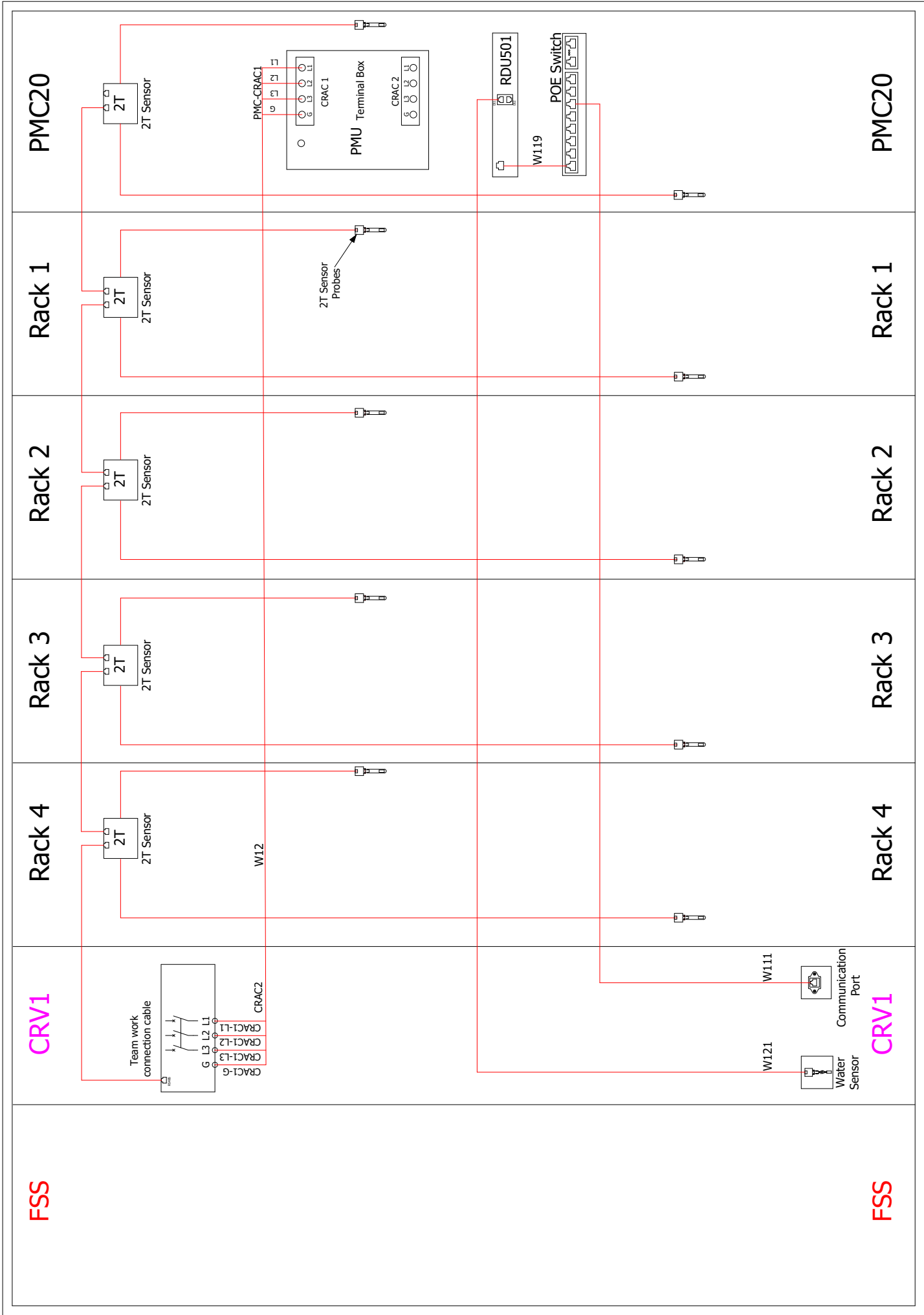
2. Site Planning Datasheet

2

Smart Row 2 Site Planning Datasheet (208V, 3 phase, 4 wire + PE)

Configuration Number	Part Number	Max Row Capacity (kW)	IT Racks per Row	Capacity per Rack (kW)	Cooling Units per Row	pdu count	Main Input Breaker Size ⁶	Per Condenser Breaker Size	Per Condenser Dry Weight kg (lbs)	Row Dimensions (L x H x D) mm (in)7	Row Weight kg (lbs)	Min. Staging Area m2 (ft2)
16	SR2N02010NAA2	10	2	5	1	2	100A	N/A ⁵	60 (132.3)	2700 (106.3) x 2271 (107) x 1400 (55.2)	2048 (4516)	15.76 (169.7)
17	SR2N02010PAA2	10	2	5	1	4	100A	N/A ⁵	60 (132.3)	2700 (106.3) x 2271 (107) x 1400 (55.2)	2076 (4577)	16.34 (175.9)
18	SR2N02010FAA2	10	2	5	2	4	100A	N/A ⁵	60 (132.3)	3000 (118.2) x 2271 (107) x 1400 (55.2)	2696 (5945)	19.02 (204.8)
19	SR2N03010NAA2	10	3	3	1	3	100A	N/A ⁵	60 (132.3)	3300 (130) x 2271 (107) x 1400 (55.2)	2218 (4890)	17.11 (184.2)
20	SR2N03010PAA2	10	3	3	1	6	100A	N/A ⁵	60 (132.3)	3300 (130) x 2271 (107) x 1400 (55.2)	2260 (4983)	17.69 (190.5)
21	SR2N03010FAA2	10	3	3	2	6	100A	N/A ⁵	60 (132.3)	3600 (141.8) x 2271 (107) x 1400 (55.2)	2880 (6350)	20.37 (219.3)
22	SR2N03020NAA2	20	3	6	1	3	175A	15A	118 (260.2)	3300 (130) x 2271 (107) x 1400 (55.2)	2448 (5397)	19.81 (213.3)
23	SR2N03020PAA2	20	3	6	1	6	175A	15A	118 (260.2)	3300 (130) x 2271 (107) x 1400 (55.2)	2490 (5490)	21.86 (235.3)
24	SR2N03020FAA2	20	3	6	2	6	175A	15A	118 (260.2)	3600 (141.8) x 2271 (107) x 1400 (55.2)	3110 (6857)	25.77 (277.4)
25	SR2N04020NAA2	20	4	5	1	4	175A	15A	118 (260.2)	3900 (15		

CRVs(CR019)-SR2 FSS for 20K (4*ITRack)

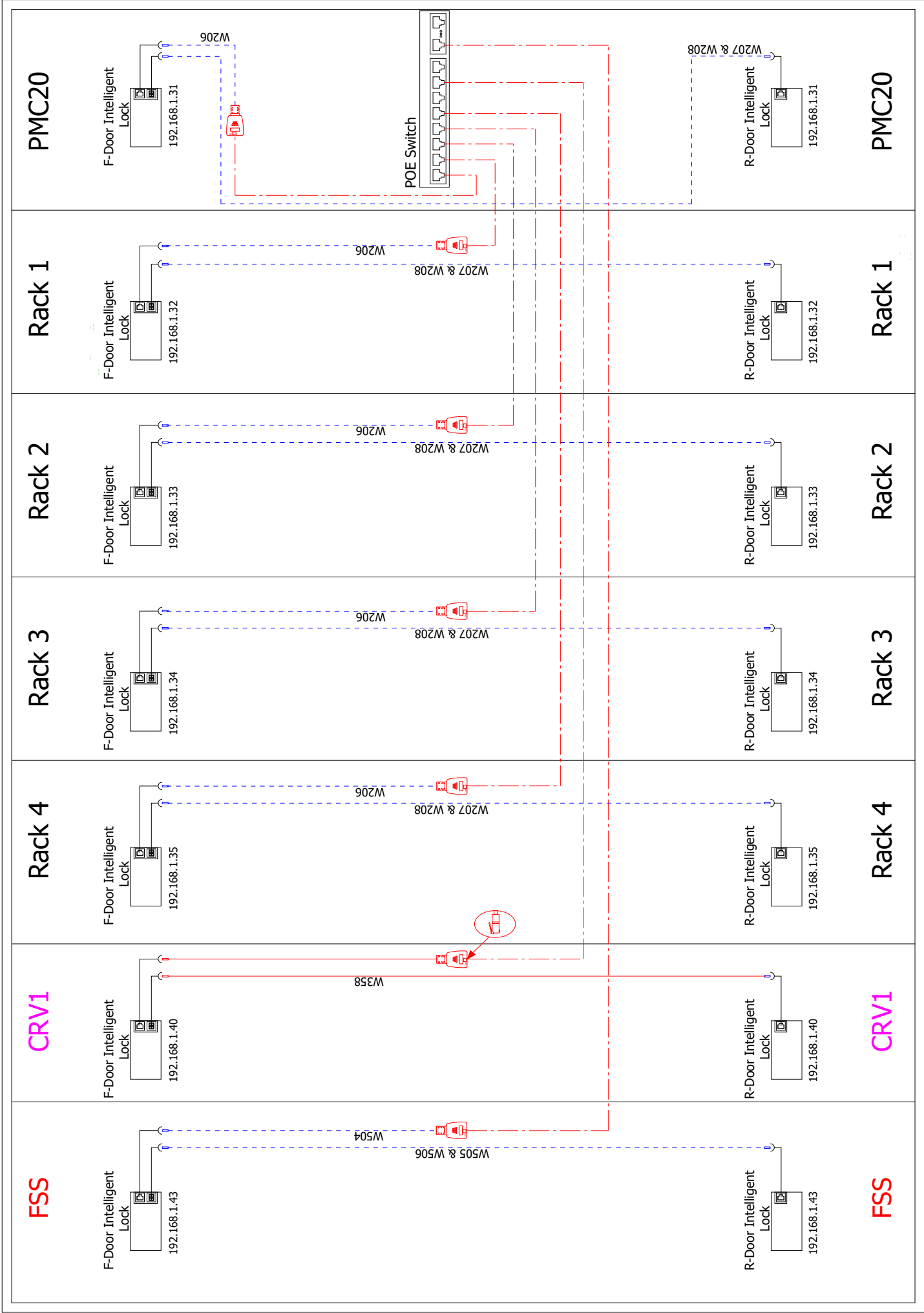


Rear View

- Factory connected cables
- Cables connected at assembly
- Cables made on-site

SHEET NO. 9 / 15	DRAWN BY: Nilesh Patil	DWG NO. SR2N04020NAA2	
	APPROVED BY: Gmerek, Mike	DATE (LATEST REV.) 02.04.2025	
	PAGE DESCRIPTION: 4.a- Air conditioner wiring diagram	REVISION: 505 N. CLEVELAND AVE WESTERVILLE OH 43081	
TITLE / DESCRIPTION: Vertiv™ SmartRow™ 2: 4x IT Rack 20kW With Fire Suppression System		 VERTIV™	

Intelligent Locks -SR2 FSS for 20K(Max 4*ITRack)



- Rear View
- Factory connected cables
 - Cables connected at assembly
 - Cables made on-site



SmartRow 2

Scope of Work Checklist

Customer Name: _____

Project Name: _____

Project Number: _____

This document is to serve as a checklist to help identify and budget the various work activities involved with assembling and installing a SmartRow 2. It is the customers responsibility to ensure all tasks are assigned to partners which will result in a successful SmartRow 2 project.

Contact Vertiv for available local support resources to provide technical guidance as needed. Call 800 543-2378

The **X** indicates the responsible party for that task. Multiple **X**'s indicate shared responsibility.

This document is provided as a reference document and does not replace any product manuals or supporting documentation. Always read all product documentation before performing any work.

Customer (Name) *includes responsibility for Mechanical, Electrical, and/or General Contractors as needed :* _____

Project Management: _____

Assembly Team Lead: _____

Consolidator: _____

Vertiv Warranty Inspection Tech: _____

Vertiv Sales Rep (LVO): _____

