

N: 51.454634°
E: 5.81667°

LEGEND		
Color	Reference	Color (code)
	Building	Black (9)
	Existing equipment	Black (7)
	New equipment	Red (240)
	Option	Gray (252)
	Existing earthing	Black (170)
	New earthing	Green (90)
	Existing H&S	Black (210)
	New H&S	Orange (30)
	Existing construction	Black (2)
	New construction	Blue (150)

Sheet nr.	Title
1	FRONTPAGE / VOORPAGINA
2	CONSTRUCTION COMMENTS / BOUW OPMERKINGEN
3	EXISTING TOP VIEW / BESTAANDE BOVENAANZICHT
4	EXISTING FRONT VIEW / BESTAANDE VOORAANZICHT
5	NEW TOP VIEW / NIEUWE BOVENAANZICHT
6	NEW FRONT VIEW / NIEUWE VOORAANZICHT
7	H&S TOP VIEW / VEILIGHEIDSBLAD BOVENAANZICHT
8	H&S FRONT VIEW / VEILIGHEIDSBLAD VOORAANZICHT
9	EQUIPMENT / APPARATUUR
10	ANTENNA BRACKET S2 / ANTENNE UITHOUDER S2
11	ANTENNA BRACKET S1,S3,S4 / ANTENNE UITHOUDER S1,S3,S4
12	4xRRU PLATE - ASSEMBLY (WALL) / 4xRRU PLAAT - MONTAGE (MUUR)
13	4xRRU PLATE - DIPLEXER BRACKET / 4xRRU PLAAT - DIPLEXER BEUGEL
14	3xRRU PLATE - ASSEMBLY (WALL) / 3xRRU PLAAT - MONTAGE (MUUR)
15	3xRRU PLATE - DIPLEXER BRACKET / 3xRRU PLAAT - DIPLEXER BEUGEL
16	RRU PLATE - WALL BRACKET / RRU PLAAT - MUURBEUGEL
17	RRU PLATE TO RAIL 2.0 ADAPTER
18	ANTENNA MOUNTING BRACKET
19	ITEM LIST / ITEM LIJST

2.2	EP	E SRAN Swap - positie en type antenne S2 gewijzigd	ZiN	13-05-2025	SPIE	Odido
2.1	EP	E SRAN Swap - Comments processed	ZiN	05-06-2024	SPIE	Odido
2.0	EP	E SRAN Swap	ZiN	16-04-2024	SPIE	Odido
1.6	AB	As Built - 5G Ready: Comments processed	RuB	29-03-2023	SPIE	TMNL
1.5	AB	As Built - 5G Ready: Comments processed	RuB	02-03-2023	SPIE	TMNL
1.4	AB	As Built - 5G Ready	RuB	04-01-2023	SPIE	TMNL
1.3	EP	CHANGE S2 ANTENNA	VAT	15-11-2021	SPIE	TMNL
1.2	EP	CHANGE ANTENNAS	VAT	29-07-2021	SPIE	TMNL
1.1	EP	COMMENTS PROCESSED	HuM	12-02-2020	SPIE	TMNL
1.0	EP	5G Ready	VAT	13-12-2019	SPIE	TMNL
Rev. no.	Status	Revision description	Name	Date	Contractor	Telco
Title: FRONTPAGE / VOORPAGINA			Standard detail: -			
	Date	Name/Company	Scale	Status:	EP	
Drawn by:	16-04-2024	ZiN	-	Project name:	E SRAN Swap	
Checked by:	16-04-2024	SPIE	Rev.No.	Project no.ODO:	N.002160.020	
New steel exc. cl.:	EXC2		2.2	Sheet no.:	01/ 19	
 Odido.nl Location address: Kerkplein 3 5754 AZ Deurne				Location ID:		A3
				Odido:	L.002160	
				Cignal:		Ti.xxxx

Questions for construction company

- 1) Notes/questions for construction company
- 2) Leave contact details here to give clarifications during build
 - Company name: SPIE Nederland B.V.
 - Engineer name: Giel de Regt
 - Phone number: 06-30618795
 - E-mail address: giel.deregt@spie.com
 -

GENERAL COMMENTS:
Unless specified otherwise, the following table applies;

HOLE DIAMETER	BOLT DIAMETER
Ø14	M12
Ø18	M16
Ø22	M20

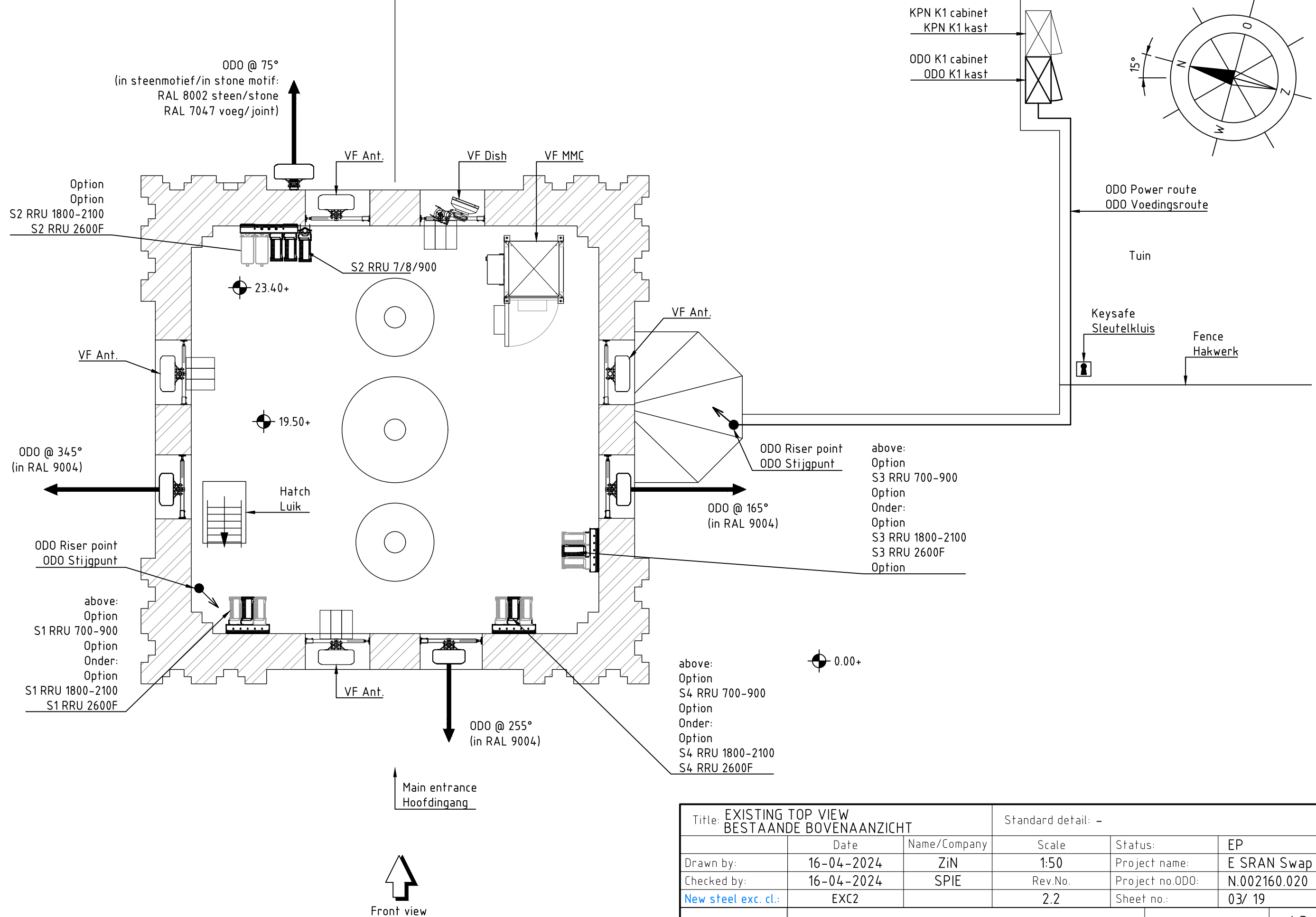
E// Standard parts table		
Name	E// Part Nr.	Note
RAIL 2.0 pole clamp	SXK 125 5991 / 1	(8x)
Unit Bracket Heavy	SEF 901 377 / 3	For RRU 4485 (2x)
Unit Bracket Heavy	SEF 901 377 / 3	For RRU 4486 (4x)
Unit Bracket Medium	SEF 901 377 / 2	For RRU 4490 (2x)
AIR Light bracket	SXK 109 2016 / 1	For AIR 6419 (0x)

Notes for E SRAN Swap.

- 1) Re-engineered EP
- 2) For all detailed installation and commissioning requirements refer to Odido published documentation.
- 3) Replace Huawei equipment from cabinet with E// equipment, according to SoW specifications.
- 4) Replace all Huawei RRU's with the equivalent E// counterparts, reconnect fibers, DC cables and jumpers. Use break-out cables if applicable.
- 5) Install new SAR for RAIL 2.0 at each new RAIL 2.0
- 6) Keep 2cm clearance between each separate RRU when installing them.
- 7) Install new antenna-brackets due to single bolts.

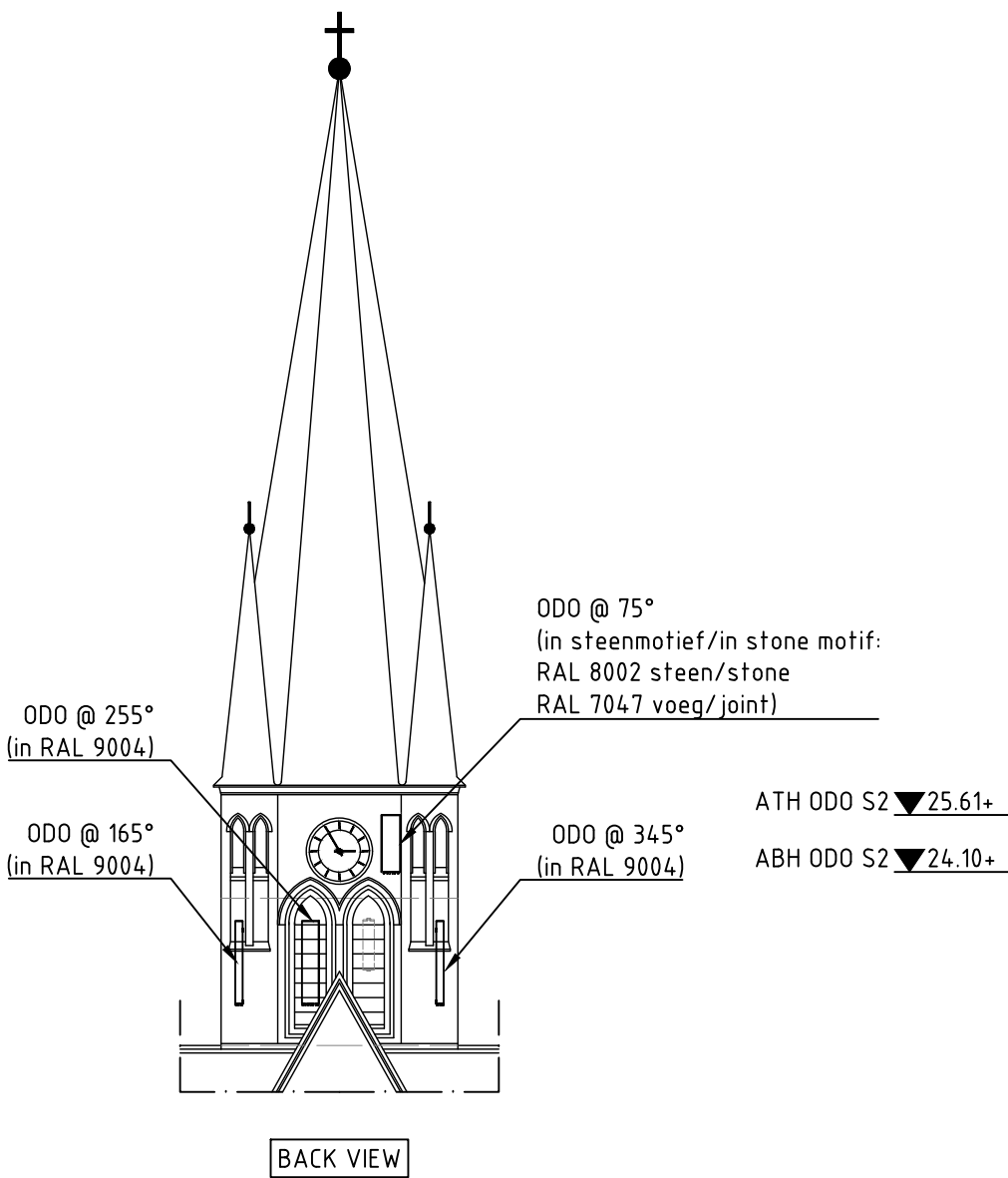
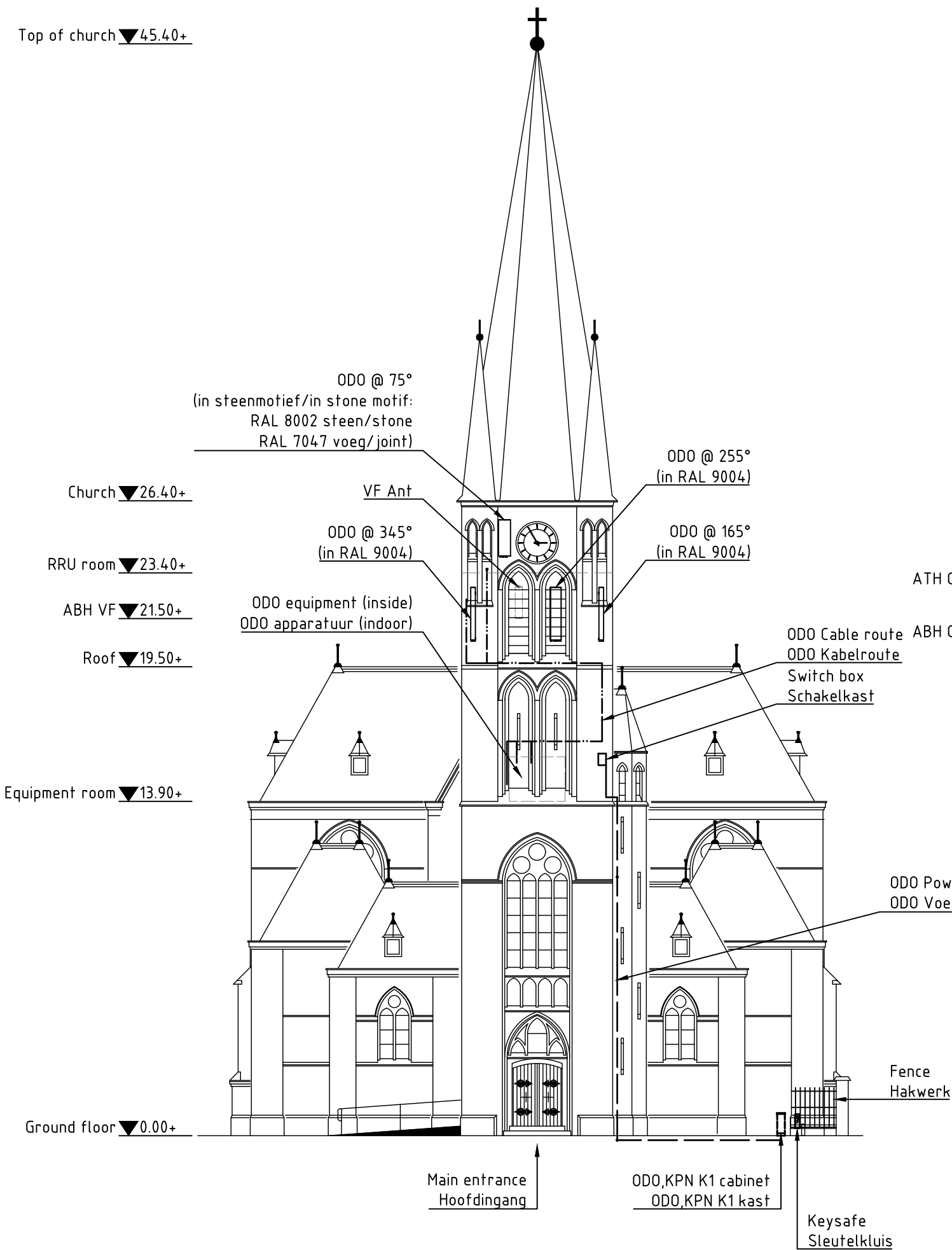
- 1) Opnieuw ontworpen EP
- 2) Voor alle gedetailleerde installatie- en inbedrijfstellingsvereisten raadpleeg de door Odido gepubliceerde documentatie.
- 3) Vervang Huawei-apparatuur uit de kast door E//-apparatuur, volgens de SoW-specificaties.
- 4) Vervang alle Huawei RRU's door gelijkwaardige E//-tegenhangers, sluit de vezels, DC-kabels en jumpers opnieuw aan. Gebruik eventueel breakout-kabels.
- 5) Installeer een nieuwe SAR voor RAIL 2.0 bij elke nieuwe RAIL 2.0
- 6) Houd bij het installeren een afstand van 2 cm aan tussen elke RRU
- 7) Installeer nieuwe antennebeugels vanwege de enkele bouten.

Title: CONSTRUCTION COMMENTS BOUW OPMERKINGEN			Standard detail: -		
	Date	Name/Company	Scale	Status:	EP
Drawn by:	16-04-2024	ZiN	-	Project name:	E SRAN Swap
Checked by:	16-04-2024	SPIE	Rev.No.	Project no.ODO:	N.002160.020
New steel exc. cl.:	EXC2		2.2	Sheet no.:	02/ 19
 Odido.nl	Location adress:			Location ID:	A3
	Kerkplein 3			Odido: L.002160	Projection 
	5754 AZ Deurne			Signal: Ti.xxxx	

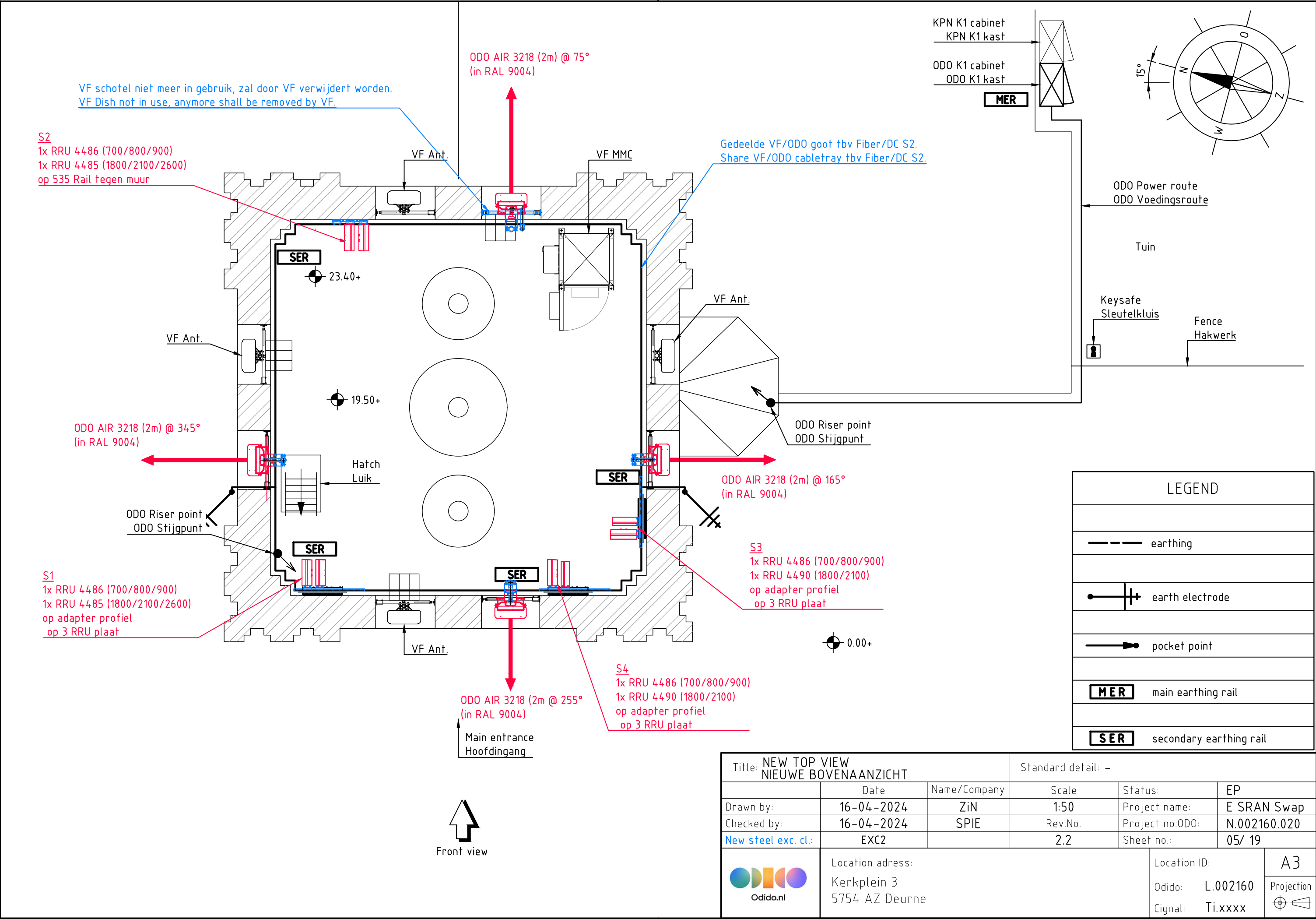


Title: EXISTING TOP VIEW BESTAANDE BOVENAANZICHT			Standard detail: -		
	Date	Name/Company	Scale	Status:	EP
Drawn by:	16-04-2024	ZiN	1:50	Project name:	E SRAN Swap
Checked by:	16-04-2024	SPIE	Rev.No.	Project no.ODO:	N.002160.020
New steel exc. cl.:	EXC2		2.2	Sheet no.:	03/ 19
 Odido.nl	Location adress:			Location ID:	A3
	Kerkplein 3			Odido: L.002160	Projection 
	5754 AZ Deurne			Signal: Ti.xxxx	

Top of church ▼45.40+



Title: EXISTING FRONT VIEW BESTAANDE VOORAANZICHT			Standard detail: -		
	Date	Name/Company	Scale	Status:	EP
Drawn by:	16-04-2024	ZiN	1:200	Project name:	E SRAN Swap
Checked by:	16-04-2024	SPIE	Rev.No.	Project no.ODO:	N.002160.020
New steel exc. cl.:	EXC2		2.2	Sheet no.:	04/ 19
 Odido.nl	Location address:			Location ID:	A3
	Kerkplein 3			Odido: L.002160	Projection 
	5754 AZ Deurne			Signal: Ti.xxxx	



Top of church ▼45.40+

Camouflage S2:
S2: vervang 3x galmbord incl.bovenste driehoek
S2: replace 3x soundboard incl. top triangle

Church ▼26.40+

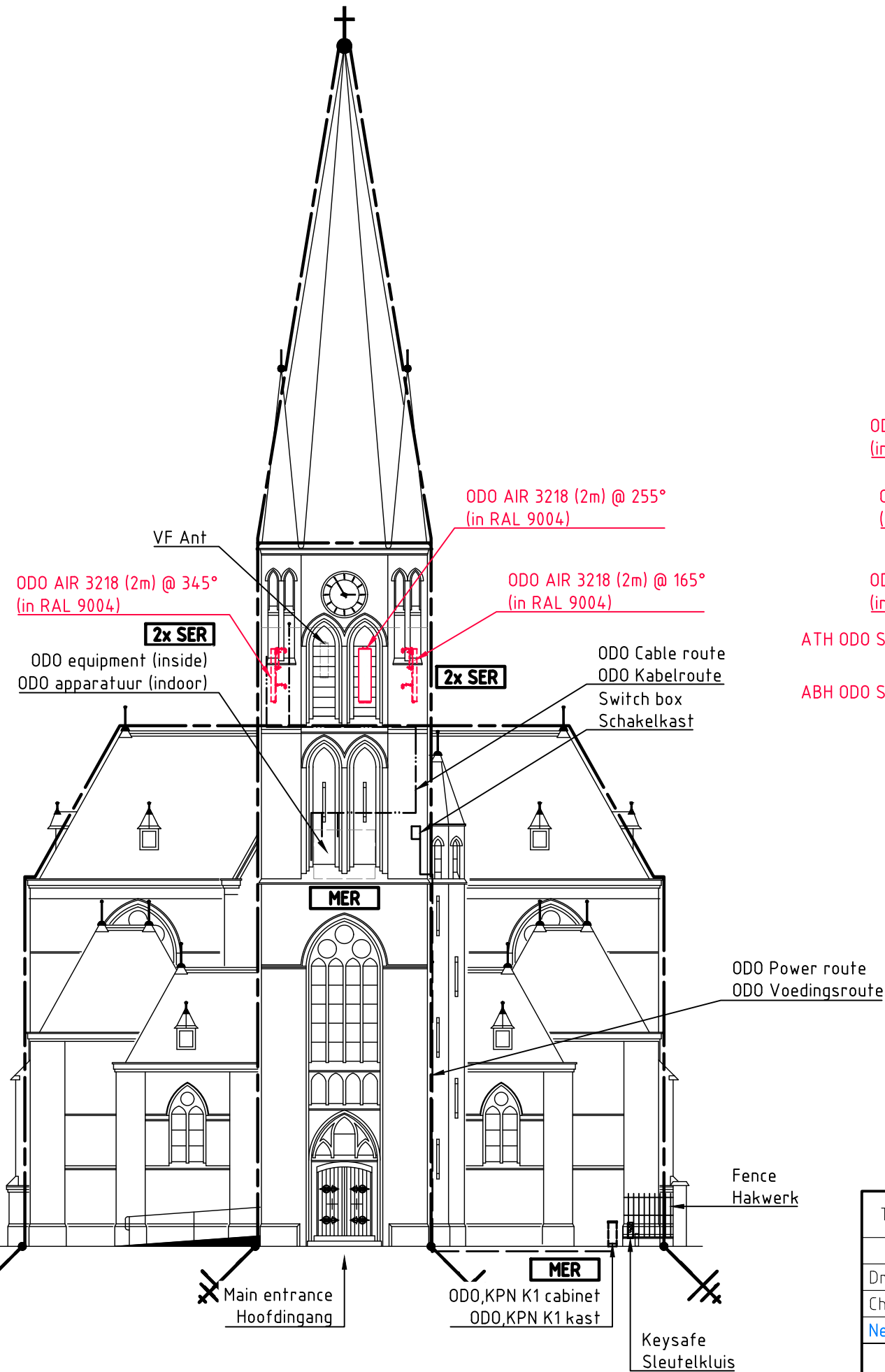
RRU room ▼23.40+

ABH VF ▼21.50+

Roof ▼19.50+

Equipment room ▼13.90+

Ground floor ▼0.00+



ODO AIR 3218 (2m) @ 255°
(in RAL 9004) - achter

ODO AIR 3218 (2m) @ 75°
(in RAL 9004)

ODO AIR 3218 (2m) @ 165°
(in RAL 9004)

ATH ODO S1,S3,S4 ▼22.60+

ABH ODO S1,S3,S4 ▼20.60+

ODO AIR 3218 (2m) @ 345°
(in RAL 9004)

ATH ODO S2 ▼23.55+

ABH ODO S2 ▼21.55+

2x SER

2x SER

BACK VIEW

LEGEND

--- earthing

⊕ earth electrode

→ pocket point

MER main earthing rail

SER secondary earthing rail

Title: NEW FRONT VIEW
NIEUWE VOORAANZICHT

Standard detail: -

	Date	Name/Company	Scale	Status:	EP
Drawn by:	16-04-2024	ZIN	1:200	Project name:	E SRAN Swap
Checked by:	16-04-2024	SPIE	Rev.No.	Project no.ODO:	N.002160.020
New steel exc. cl:	EXC2		2.2	Sheet no.:	06/ 19



Location adress:
Kerkplein 3
5754 AZ Deurne

Location ID:

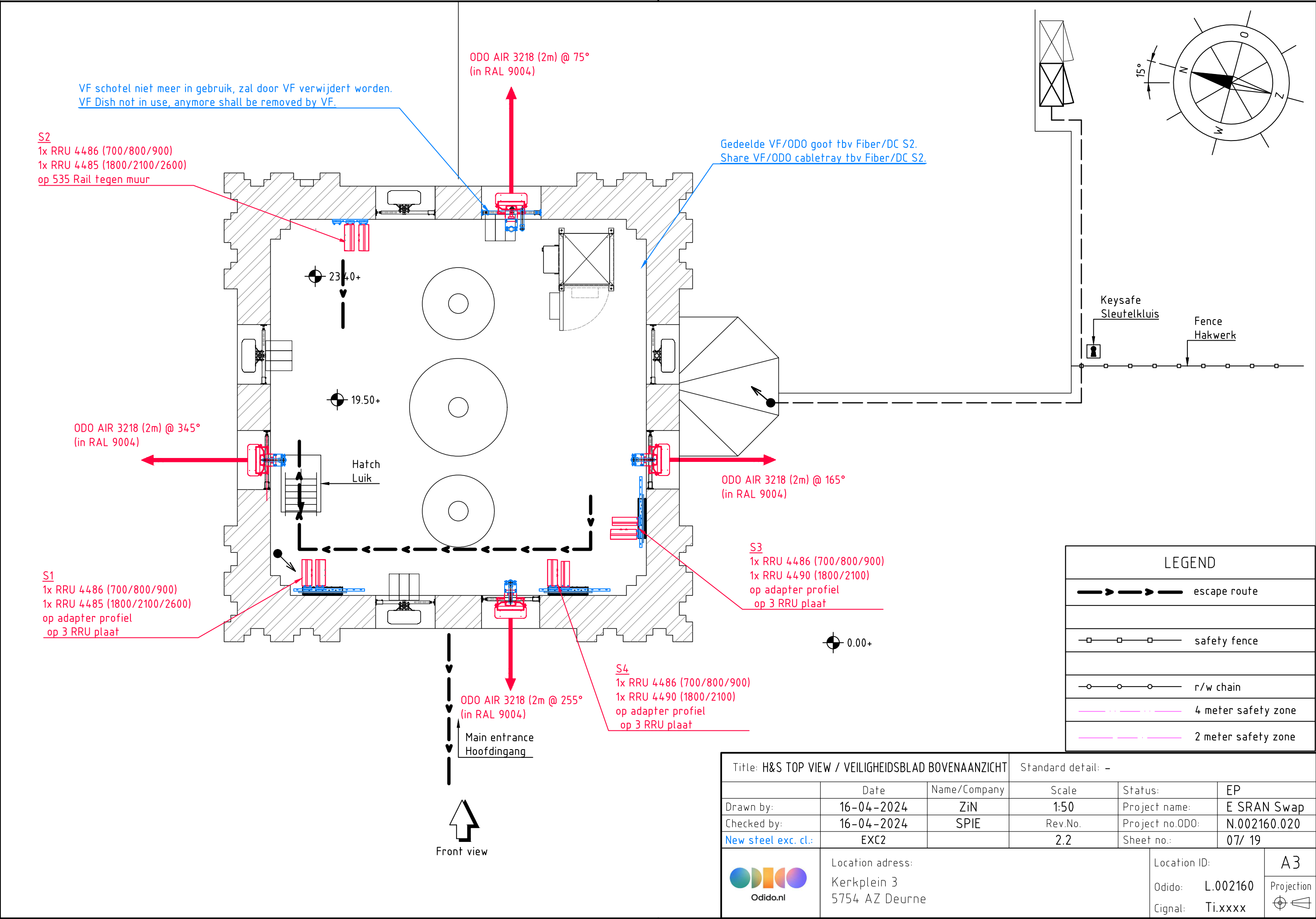
Odido: L.002160

Signal: Ti.xxxx

A3

Projection





Top of church ▼45.40+

Church ▼26.40+

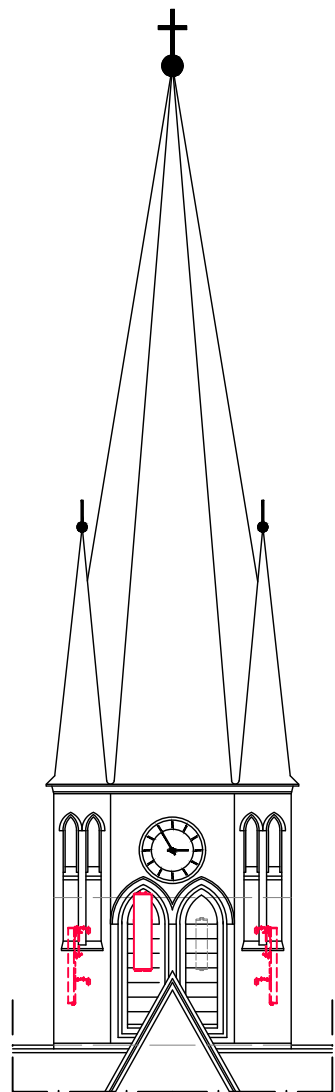
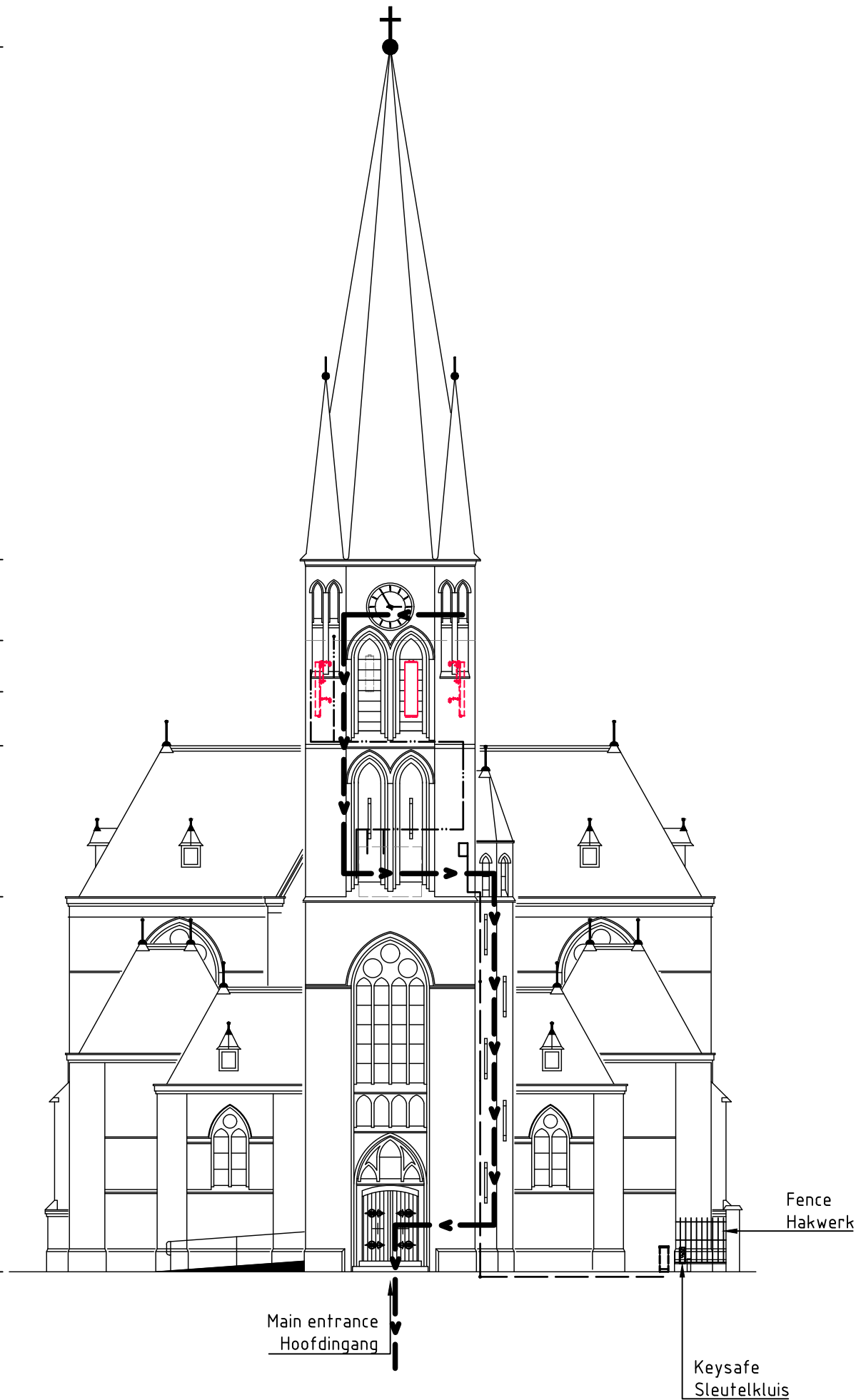
RRU room ▼23.40+

ABH VF ▼21.50+

Roof ▼19.50+

Equipment room ▼13.90+

Ground floor ▼0.00+



BACK VIEW

LEGEND

escape route

safety fence

r/w chain

4 meter safety zone

2 meter safety zone

Title: H&S FRONT VIEW / VEILIGHEIDSBLOK VOORAANZICHT Standard detail: -

	Date	Name/Company	Scale	Status:	EP
Drawn by:	16-04-2024	ZIN	1:200	Project name:	E SRAN Swap
Checked by:	16-04-2024	SPIE	Rev.No.	Project no.ODO:	N.002160.020
New steel exc. cl.:	EXC2		2.2	Sheet no.:	08/ 19



Location adress:
Kerkplein 3
5754 AZ Deurne

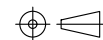
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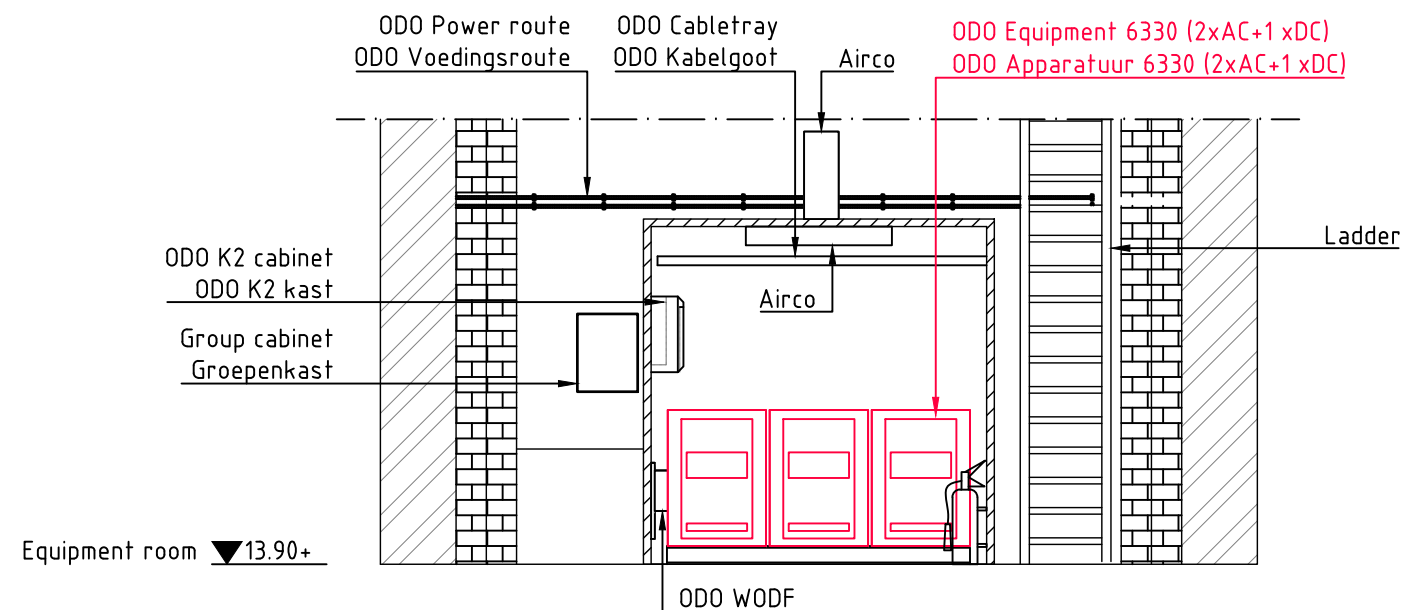
Odido: L.002160

Cignal: Ti.xxxx

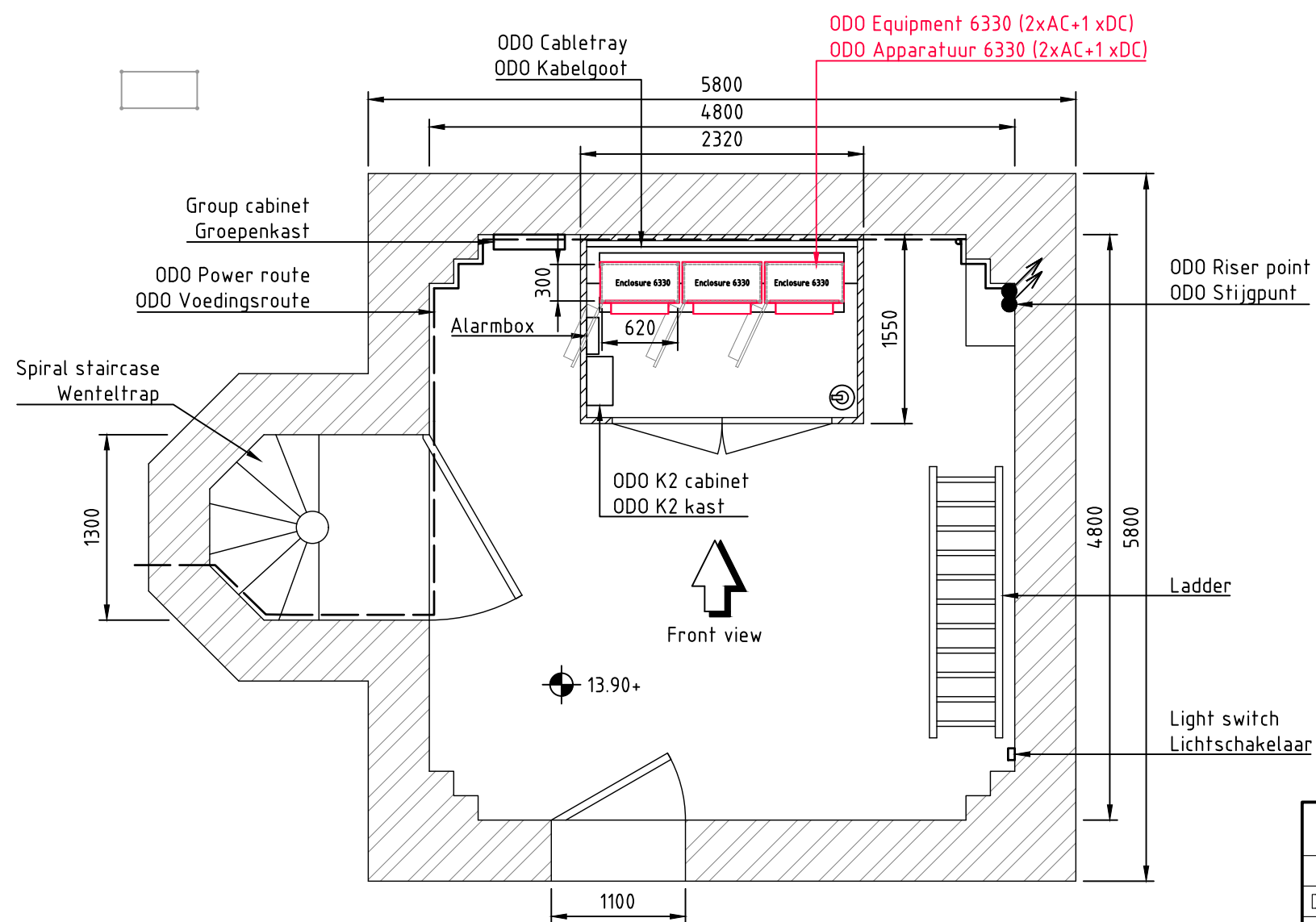
A3

Projection

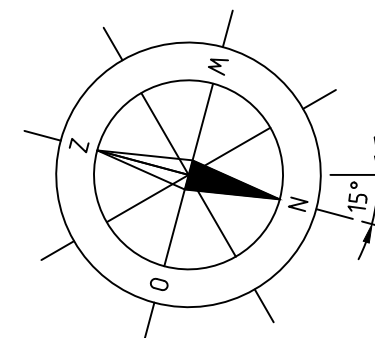




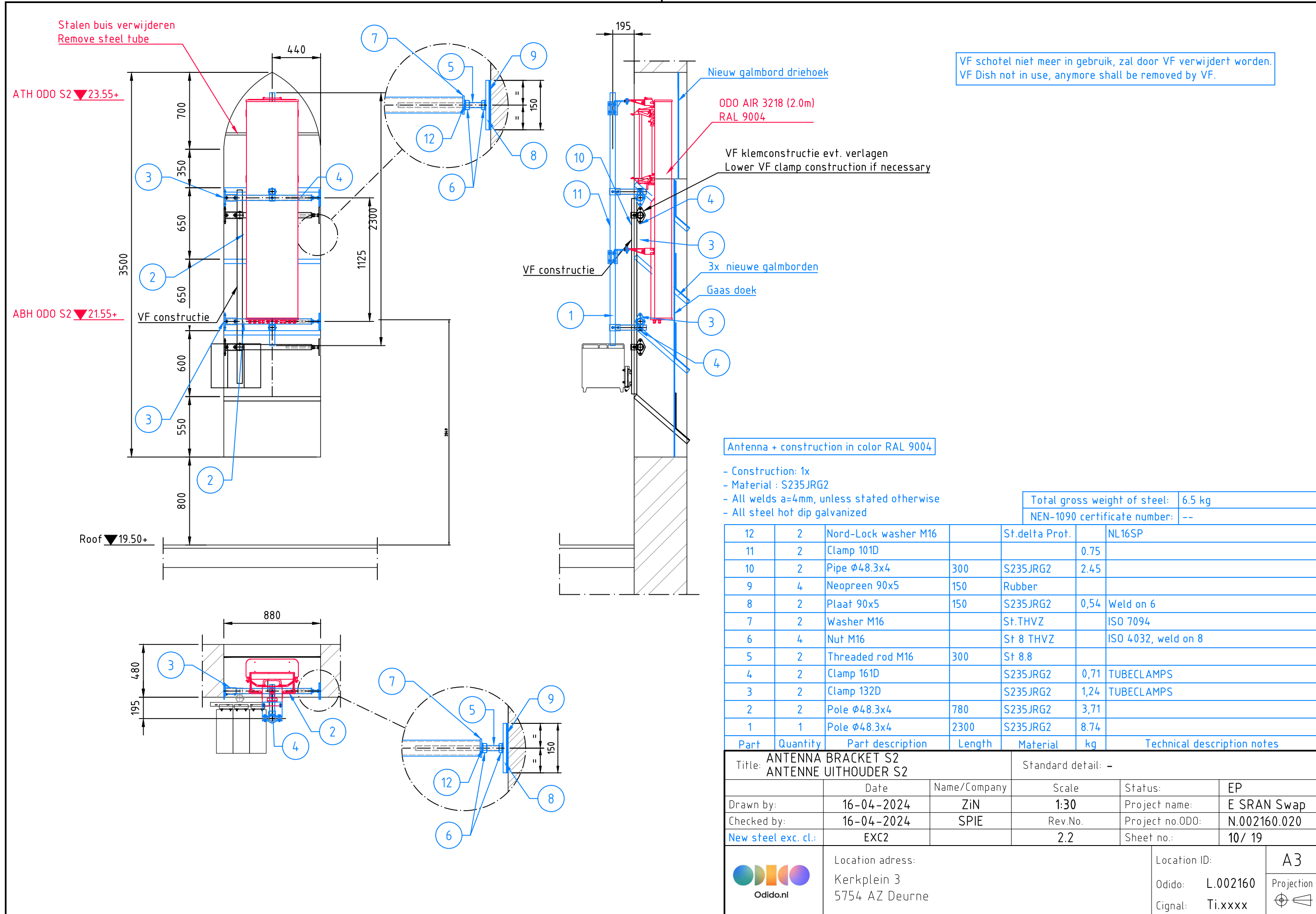
FRONT VIEW



TOP VIEW



Title: EQUIPMENT / APPARATUUR			Standard detail: -		
Drawn by:	Date	Name/Company	Scale	Status:	EP
Checked by:	16-04-2024	ZIN	1:50	Project name:	E SRAN Swap
New steel exc. cl.:	16-04-2024	SPIE	Rev.No.	Project no.ODO:	N.002160.020
	EXC2		2.2	Sheet no.:	09/ 19
Location adress:			Location ID:		A3
Kerkplein 3			Odido: L.002160		Projection
5754 AZ Deurne			Signal: Ti.xxxx		



VF schotel niet meer in gebruik, zal door VF verwijderd worden.
VF Dish not in use, anymore shall be removed by VF.

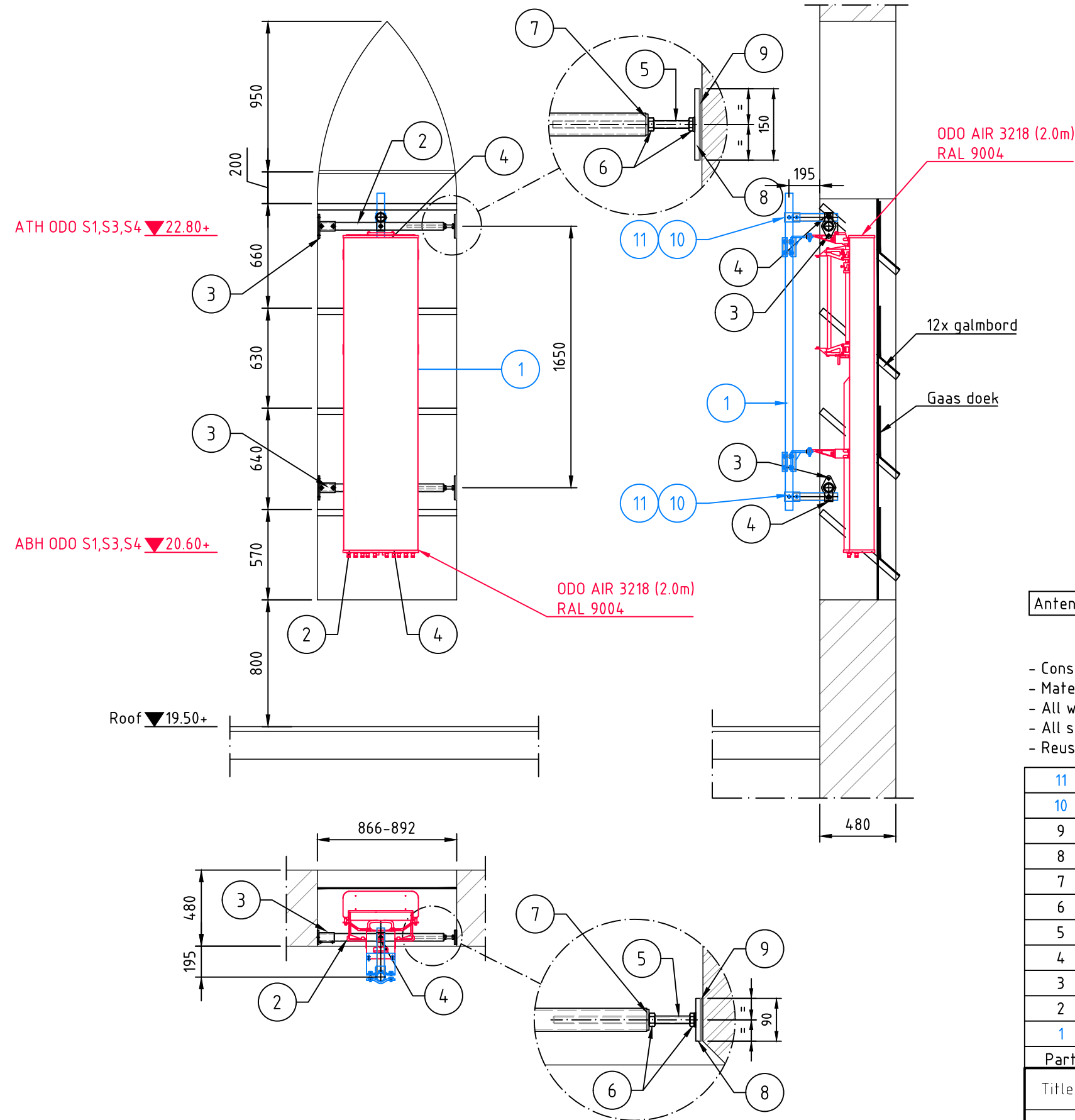
Antenna + construction in color RAL 9004

- Construction: 1x
- Material : S235JRG2
- All welds a=4mm, unless stated otherwise
- All steel hot dip galvanized

Total gross weight of steel:	6.5 kg
NEN-1090 certificate number:	--

12	2	Nord-Lock washer M16		St.delta Prot.		NL16SP
11	2	Clamp 101D			0.75	
10	2	Pipe Ø48.3x4	300	S235JRG2	2.45	
9	4	Neopreen 90x5	150	Rubber		
8	2	Plaat 90x5	150	S235JRG2	0,54	Weld on 6
7	2	Washer M16		St.THVZ		ISO 7094
6	4	Nut M16		St 8 THVZ		ISO 4032, weld on 8
5	2	Threaded rod M16	300	St 8.8		
4	2	Clamp 161D		S235JRG2	0,71	TUBECLAMPS
3	2	Clamp 132D		S235JRG2	1,24	TUBECLAMPS
2	2	Pole Ø48.3x4	780	S235JRG2	3,71	
1	1	Pole Ø48.3x4	2300	S235JRG2	8.74	
Part	Quantity	Part description	Length	Material	kg	Technical description notes

Title: ANTENNA BRACKET S2 ANTENNE UITHOUDER S2			Standard detail: -		
Drawn by:	Date	Name/Company	Scale	Status:	EP
Checked by:	16-04-2024	ZIN	1:30	Project name:	E SRAN Swap
New steel exc. cl.:	16-04-2024	SPIE	Rev.No.	Project no.ODO:	N.002160.020
	EXC2		2.2	Sheet no.:	10/ 19
Location adress: Kerkplein 3 5754 AZ Deurne			Location ID:		A3
			Odido: L.002160		Projection
			Cignal: Ti.xxxx		



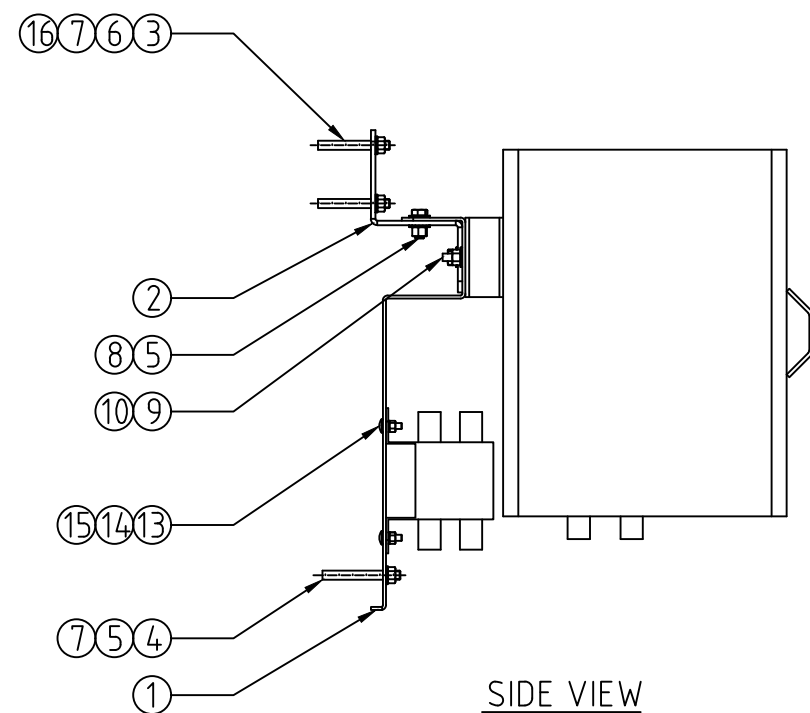
Antenna + construction in color RAL 9004

- Construction: 3x
- Material : S235JRG2
- All welds a=4mm, unless stated otherwise
- All steel hot dip galvanized
- Reuse parts 2 to 9

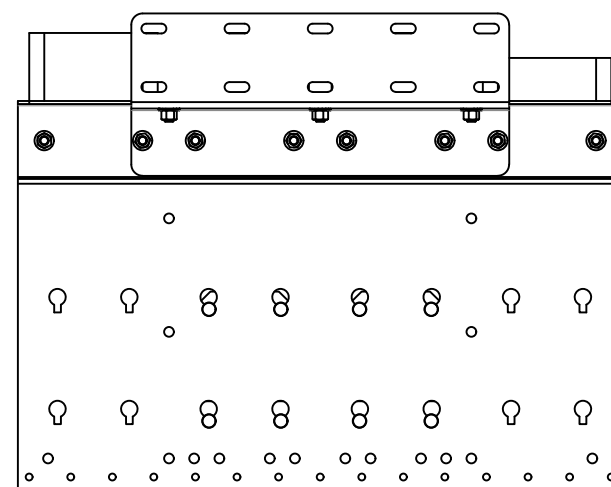
Total gross weight of steel:	19.14 kg
NEN-1090 certificate number:	L002160_CE1090_2022078

11	2	Clamp 101D			0.75	
10	2	Pipe $\phi 48.3 \times 4$	300	S235JRG2	2.45	
9	4	Neopreen 90x5	150	Rubber		
8	2	Plaat 90x5	150	S235JRG2	0,54	Weld on 6
7	2	Nordlock Ring M18		S235JRG2		
6	4	Nut M16		St 8 THVZ		ISO 4032, weld on 8
5	2	Threaded rod M16	300	St 8.8		
4	2	Clamp 161D		S235JRG2	0,71	TUBECLAMPS
3	2	Clamp 132D		S235JRG2	1,24	TUBECLAMPS
2	2	Pole $\phi 48.3 \times 3.6$	780	S235JRG2	3,71	
1	1	Pole $\phi 48.3 \times 4$	2000	S235JRG2	8.74	
Part	Quantity	Part description	Length	Material	kg	Technical description notes

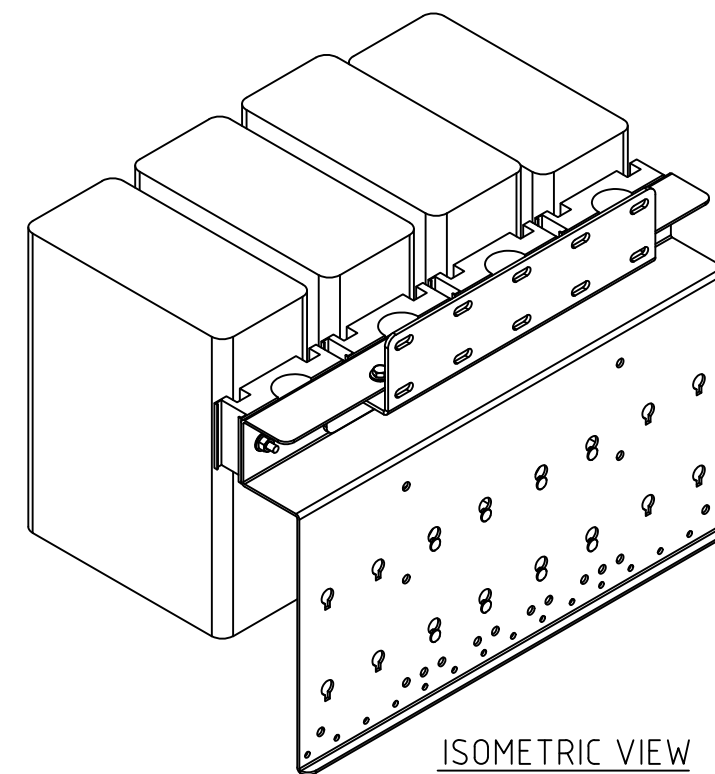
Title: ANTENNA BRACKET S1,S3,S4 ANTENNE UITHOUDER S1,S3,S4		Standard detail: -			
	Date	Name/Company	Scale	Status:	EP
Drawn by:	16-04-2024	ZiN	1:30	Project name:	E SRAN Swap
Checked by:	16-04-2024	SPIE	Rev.No.	Project no.ODO:	N.002160.020
New steel exc. cl.:	EXC2		2.2	Sheet no.:	11/ 19
 Odido.nl	Location adress:			Location ID:	A3
	Kerkplein 3			Odido: L.002160	Projection 
	5754 AZ Deurne			Signal: Ti.xxxx	



SIDE VIEW
ASSEMBLY



REAR VIEW



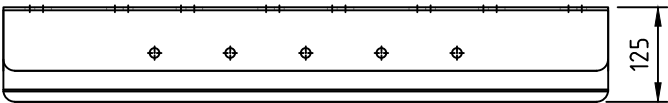
ISOMETRIC VIEW
(NOT TO SCALE)

- CONSTRUCTION 1x
- Material : S235JRG2
- All steel hot dip galvanized
- All welds a=5mm, unless stated otherwise

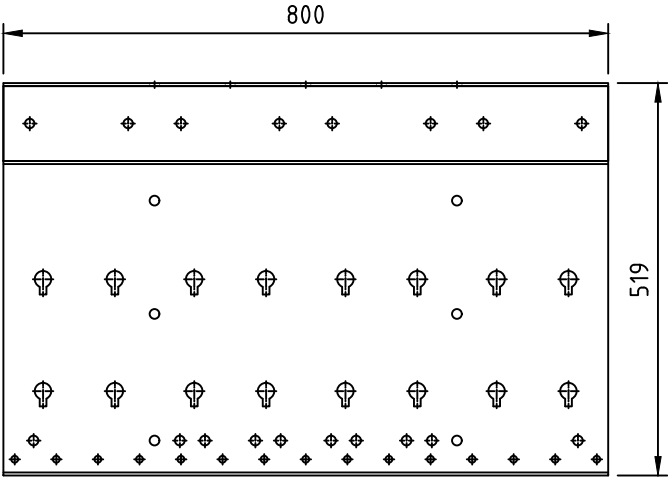
16	1	Hilti Hit	-		Hilti Hit HY-200
13-15	8	Diplexer mounting kit	-	Stainless Steel	Lock-Bolt M8x30+Nut+NL8
12	14	Plastic Cap Insert	D=16mm		
11	8	Plastic Cap Insert	D=25mm		
10	10	Nordlock M10	-	NL10DP	Nordlock Delta Protekt
9	8	SB Bolt+Nut Set M12	60	St. 8.8 THVZ	EN 15048-1 (ISO4017/4032)
8	3	SB Bolt+Nut Set M12	35	St. 8.8 THVZ	EN 15048-1 (ISO4017/4032)
7	7	Nut M12	-	St. 8 THVZ	ISO 4032
6	5	Nordlock Washer M12	-	NL12SP	Nordlock Delta Protekt
5	13	Nordlock Washer M12	-	NL12DP	Nordlock Delta Protekt
4	2	Threaded rod M12	110	St. 8.8 THVZ	DIN 976 ISO
3	5	Threaded rod M12	95mm	St. 8.8 THVZ	DIN 976 ISO
2	1	Wall bracket	-	S235JRG2 THVZ	See separate page
1	1	4-RRU/Diplexer Bracket	-	S235JRG2 THVZ	See separate page
Part	Quantity	Part description	Length	Material	Technical description notes

Total gross weight of steel:	25,7 kg
NEN-1090 certificate number:	L002160_CE1090_2022078

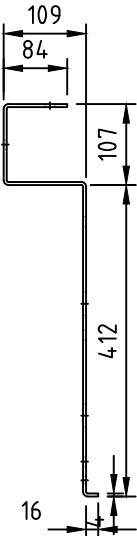
Title: 4xRRU PLATE - ASSEMBLY (WALL) 4xRRU PLAAT - MONTAGE (MUUR)		Standard detail: -			
	Date	Name/Company	Scale	Status:	EP
Drawn by:	16-04-2024	ZiN	1:10	Project name:	E SRAN Swap
Checked by:	16-04-2024	SPIE	Rev.No.	Project no.ODO:	N.002160.020
New steel exc. cl.:	EXC2		2.2	Sheet no.:	12/ 19
 Odido.nl	Location adress:			Location ID:	
	Kerkplein 3			Odido: L.002160	
	5754 AZ Deurne			Signal: Ti.xxxx	
					A3
					Projection
					



4-RRU / Diplexer Bracket
TOP VIEW

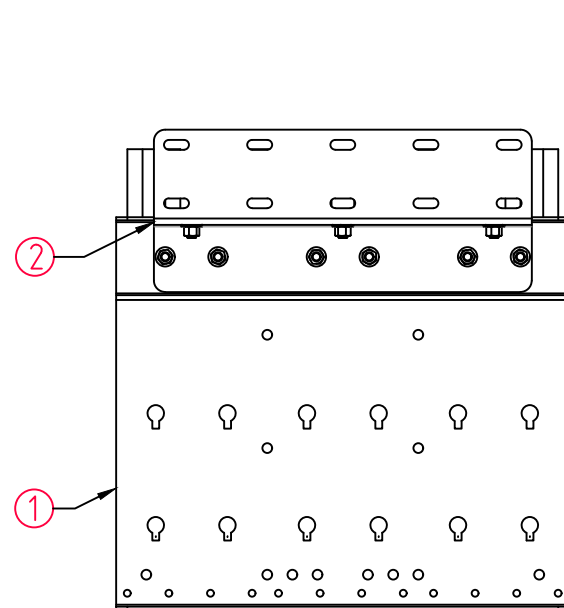


4-RRU / Diplexer Bracket
FRONT VIEW

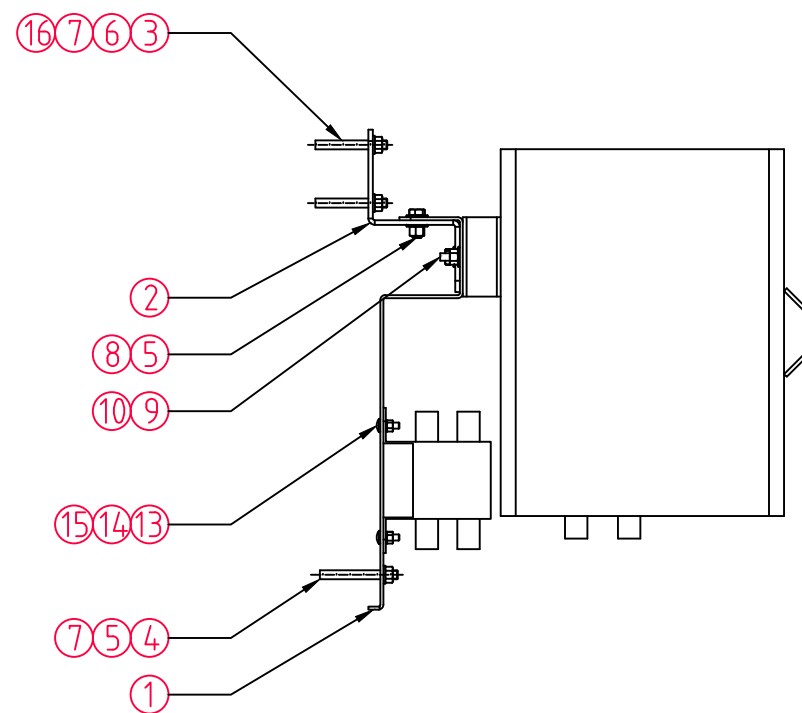


4-RRU / Diplexer Bracket
SIDE VIEW

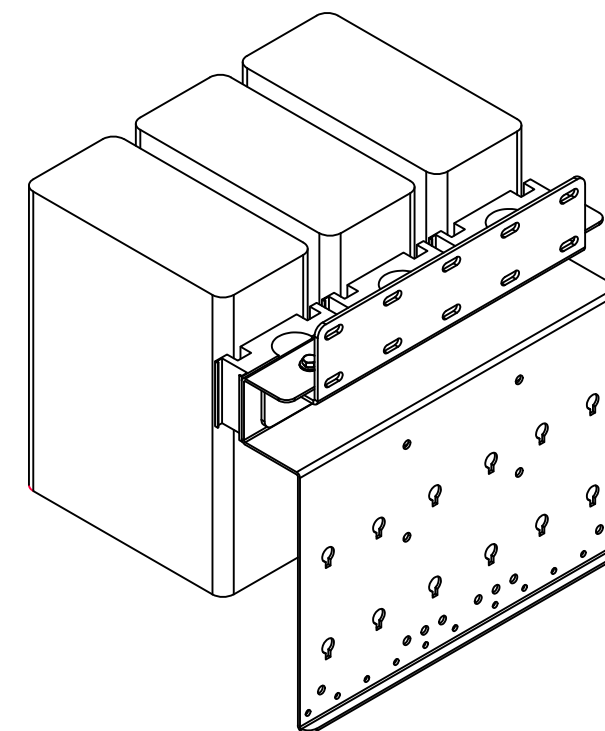
Title: 4xRRU PLATE - DIPLEXER BRACKET 4xRRU PLAAT - DIPLEXER BEUGEL			Standard detail: -		
	Date	Name/Company	Scale	Status:	EP
Drawn by:	16-04-2024	ZiN	1:0.8	Project name:	E SRAN Swap
Checked by:	16-04-2024	SPIE	Rev.No.	Project no.ODO:	N.002160.020
New steel exc. cl.:	EXC2		2.2	Sheet no.:	13/ 19
	Location adress:			Location ID:	A3
	Kerkplein 3			Odido: L.002160	Projection
	5754 AZ Deurne			Signal: Ti.xxxx	



REAR VIEW



SIDE VIEW
ASSEMBLY



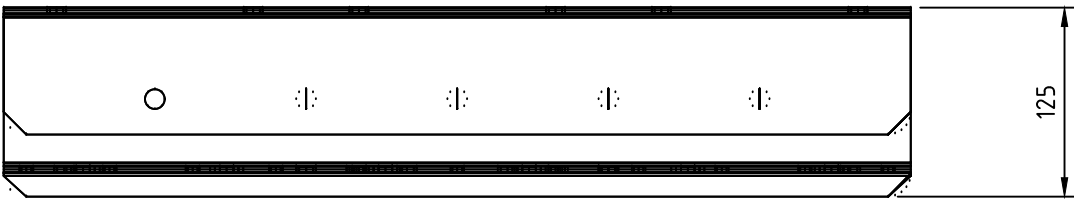
ISOMETRIC VIEW
(NOT TO SCALE)

- CONSTRUCTION 6x
- Material : S235JRG2
- All steel hot dip galvanized
- All welds a=5mm, unless stated otherwise

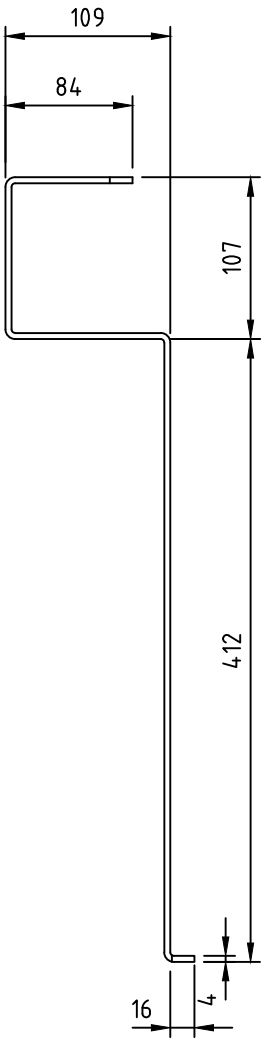
Total gross weight of steel:	25,7 kg
NEN-1090 certificate number:	L002160_CE1090_2022078

16	1	Hilti Hit	-		Hilti Hit HY-200
13-15	8	Diplexer mounting kit	-	Stainless Steel	Lock-Bolt M8x30+Nut+NL8
12	14	Plastic Cap Insert	D=16mm		
11	8	Plastic Cap Insert	D=25mm		
10	10	Nordlock M10	-	NL10DP	Nordlock Delta Protekt
9	8	SB Bolt+Nut Set M12	60	St. 8.8 THVZ	EN 15048-1 (ISO4017/4032)
8	3	SB Bolt+Nut Set M12	35	St. 8.8 THVZ	EN 15048-1 (ISO4017/4032)
7	7	Nut M12	-	St. 8 THVZ	ISO 4032
6	5	Nordlock Washer M12	-	NL12SP	Nordlock Delta Protekt
5	13	Nordlock Washer M12	-	NL12DP	Nordlock Delta Protekt
4	2	Threaded rod M12	110	St. 8.8 THVZ	DIN 976 ISO
3	5	Threaded rod M12	95mm	St. 8.8 THVZ	DIN 976 ISO
2	1	Wall bracket	-	S235JRG2 THVZ	See separate page
1	1	3-RRU/Diplexer Bracket	-	S235JRG2 THVZ	See separate page
Part	Quantity	Part description	Length	Material	Technical description notes

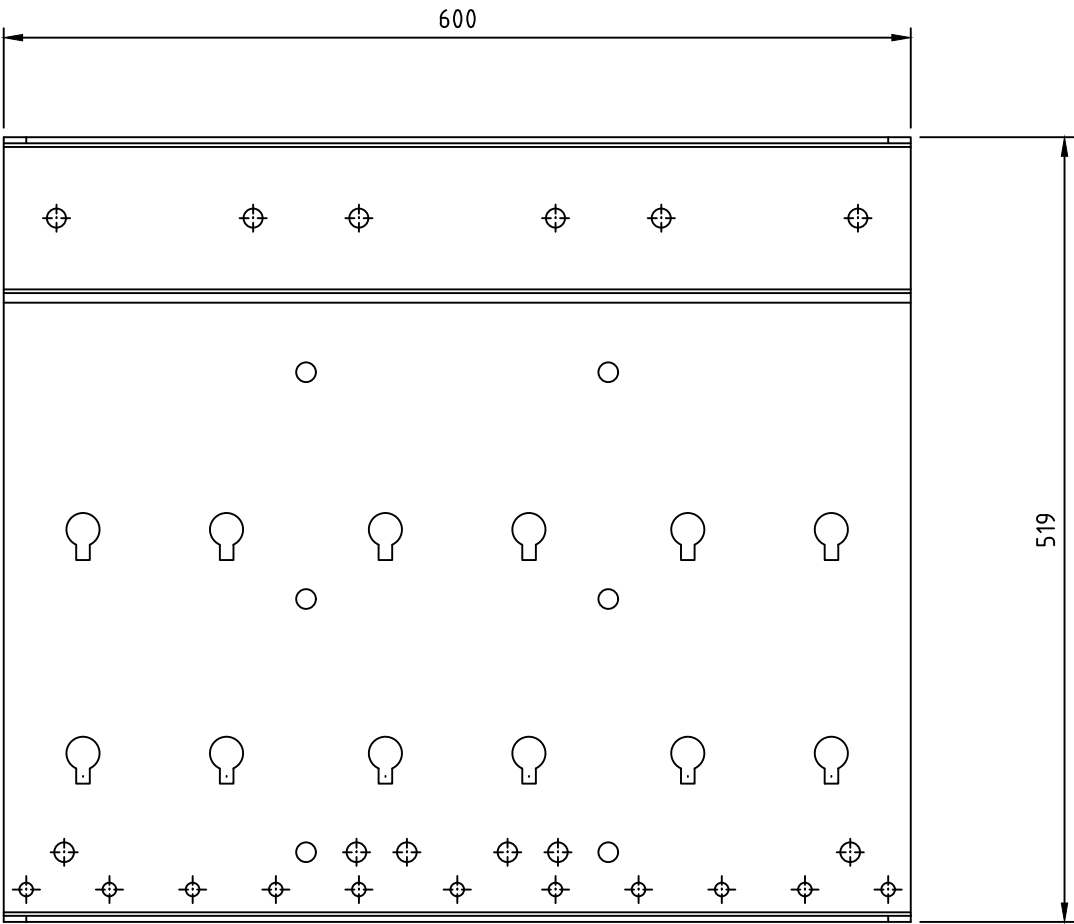
Title: 3xRRU PLATE - ASSEMBLY (WALL) 3xRRU PLAAT - MONTAGE (MUUR)			Standard detail: -		
	Date	Name/Company	Scale	Status:	EP
Drawn by:	16-04-2024	ZiN	##0##	Project name:	E SRAN Swap
Checked by:	16-04-2024	SPIE	Rev.No.	Project no.ODO:	N.002160.020
New steel exc. cl.:	EXC2		2.2	Sheet no.:	14/ 19
	Location adress:			Location ID:	A3
	Kerkplein 3			Odido: L.002160	Projection
	5754 AZ Deurne			Cignal: Ti.xxxx	



3-RRU / Diplexer Bracket
TOP VIEW



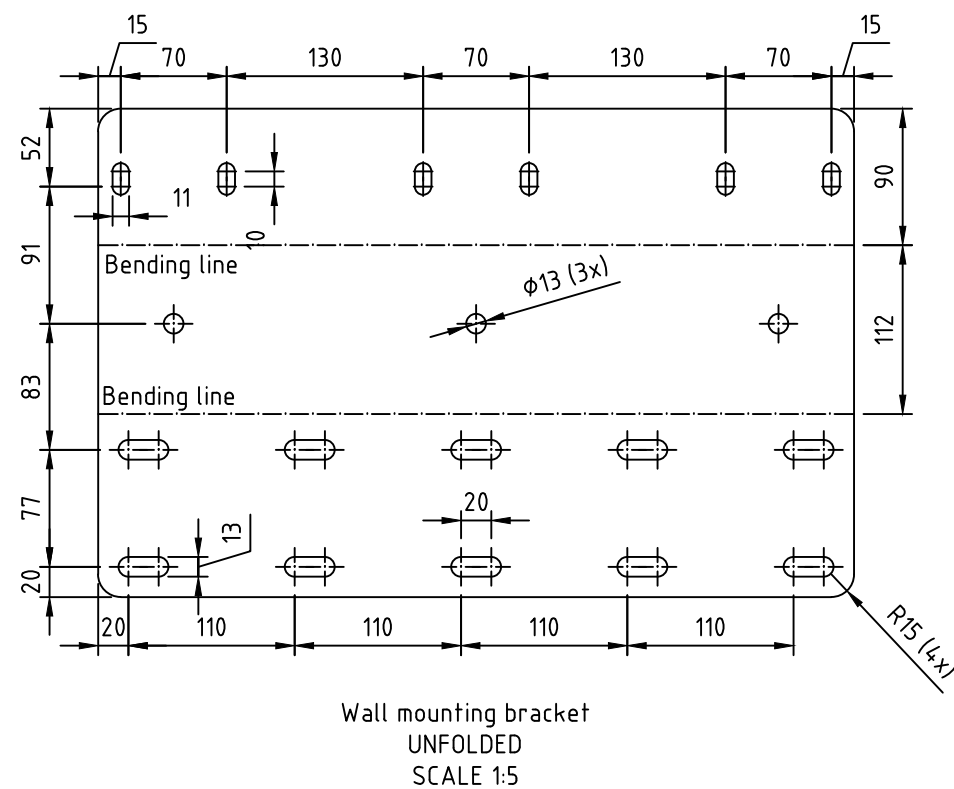
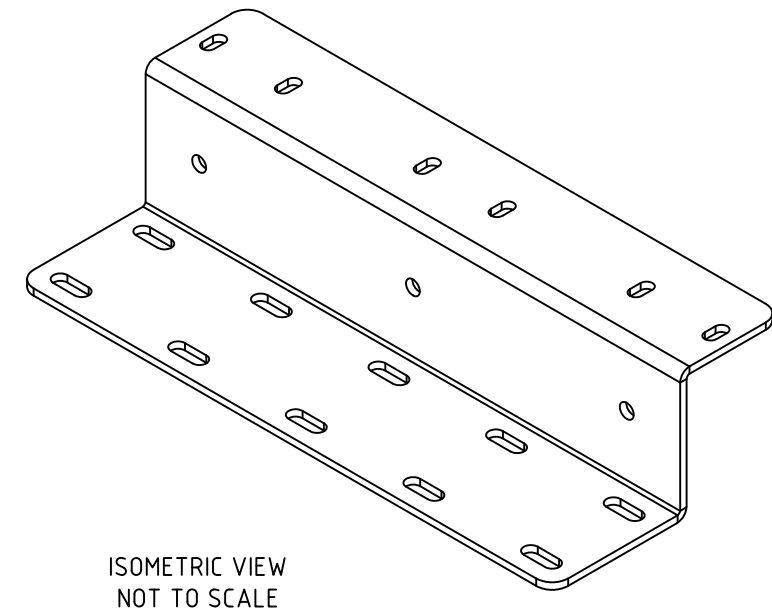
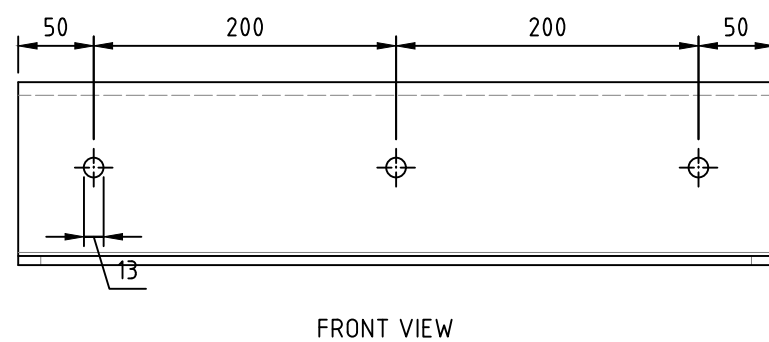
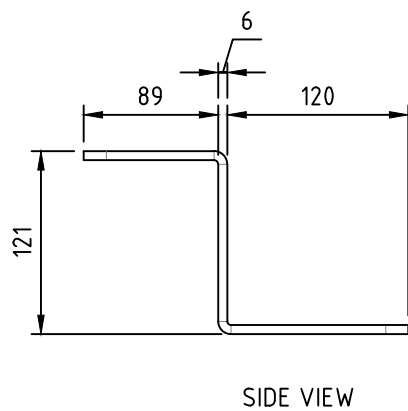
3-RRU / Diplexer Bracket
SIDE VIEW



3-RRU / Diplexer Bracket
FRONT VIEW

- Material : S235JRG2
- All steel hot dip galvanized
- All welds a=5mm, unless stated otherwise

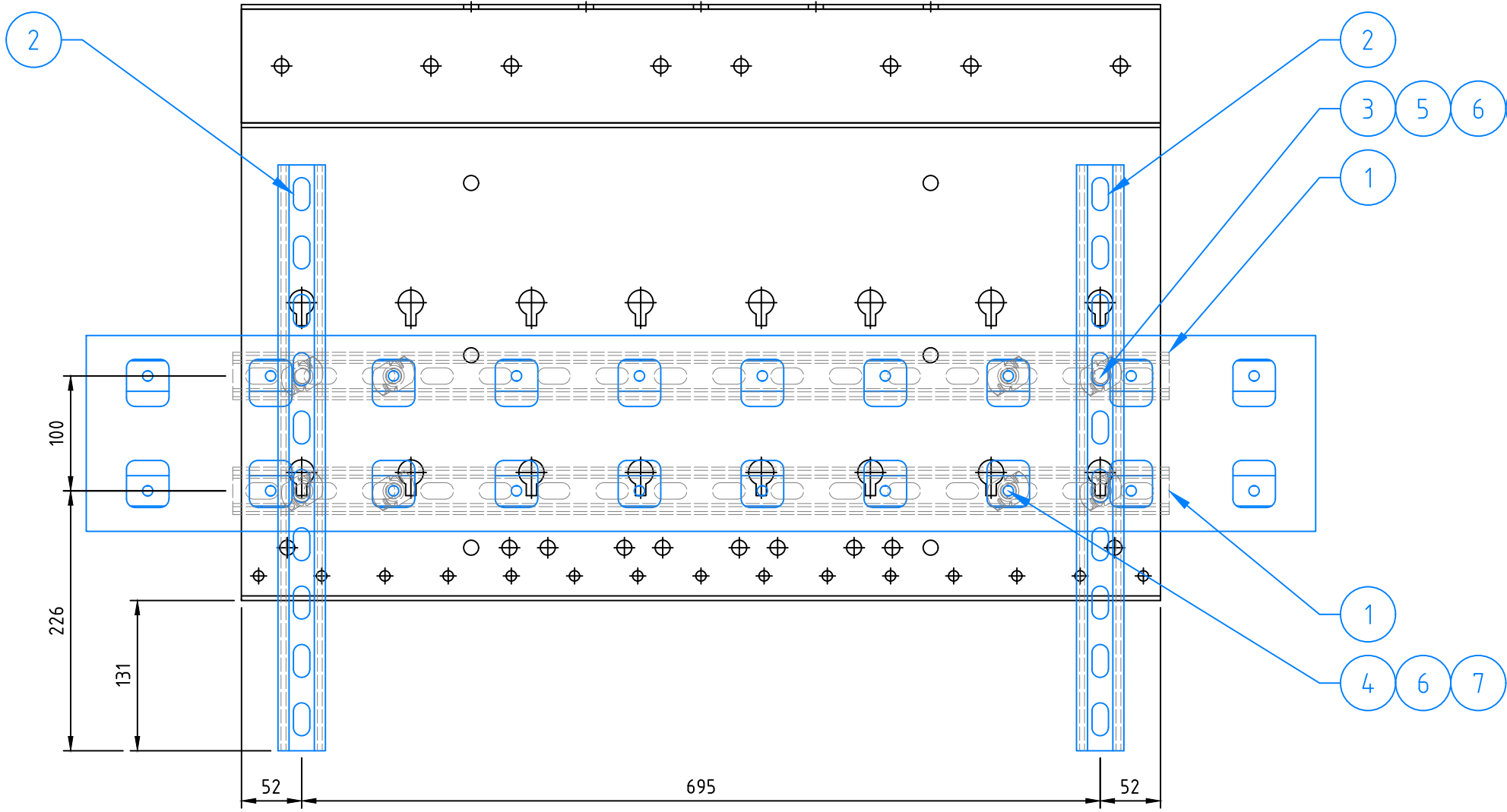
Title: 3xRRU PLATE - DIPLEXER BRACKET 3xRRU PLAAT - DIPLEXER BEUGEL			Standard detail: -		
	Date	Name/Company	Scale	Status:	EP
Drawn by:	16-04-2024	ZiN	1:5	Project name:	E SRAN Swap
Checked by:	16-04-2024	SPIE	Rev.No.	Project no.ODO:	N.002160.020
New steel exc. cl.:	EXC2		2.2	Sheet no.:	15/ 19
	Location adress:			Location ID:	A3
	Kerkplein 3			Odido: L.002160	Projection
	5754 AZ Deurne			Cignal: Ti.xxxx	



- CONSTRUCTION 7x
- Material : S235JRG2
- All steel hot dip galvanized
- All welds a=5mm, unless stated otherwise

Title: RRU PLATE - WALL BRACKET RRU PLAAT - MUURBEUGEL			Standard detail: -			
	Date	Name/Company	Scale	Status:	EP	
Drawn by:	16-04-2024	ZiN	1:5	Project name:	E SRAN Swap	
Checked by:	16-04-2024	SPIE	Rev.No.	Project no.ODO:	N.002160.020	
New steel exc. cl.:	EXC2		2.2	Sheet no.:	16/ 19	
	Location adress: Kerkplein 3 5754 AZ Deurne			Location ID:		A3
				Odido: L.002160		
				Signal: Ti.xxxx		Projection 

Install 2x vertical and 2x horizontal Unistrut profiles (P3300T10), at given dimensions.
Use M8x50 nut with threaded end to mount RAIL 2.0 on horizontal Unistrut.
If needed cut excess lengths of Unistrut, treat with Zinc compound and apply plastic cap.
Mount RAIL on indicated vertical dimensions in order to re-use jumpers/feeders
(Connectors will be at the same level)



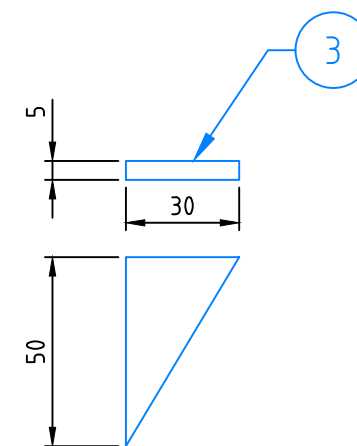
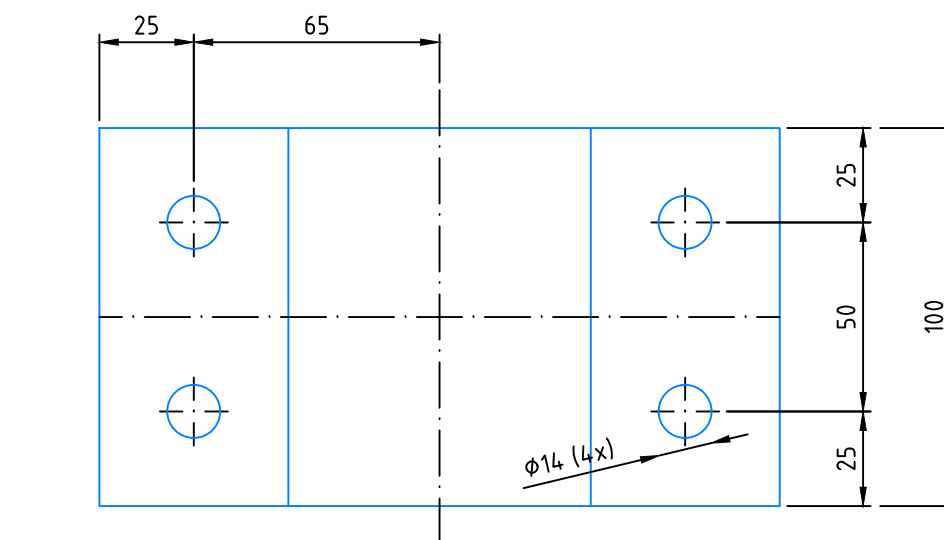
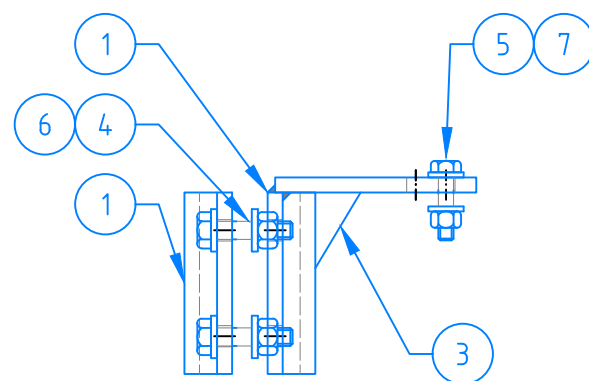
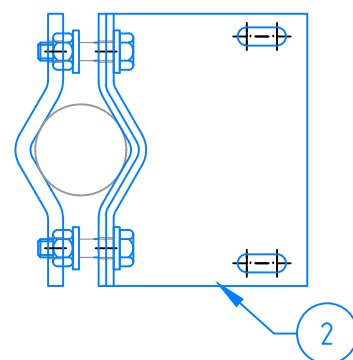
NEW CONSTRUCTION

- CONSTRUCTION 3x
- Material : S235JRG2
- All steel hot dip galvanized

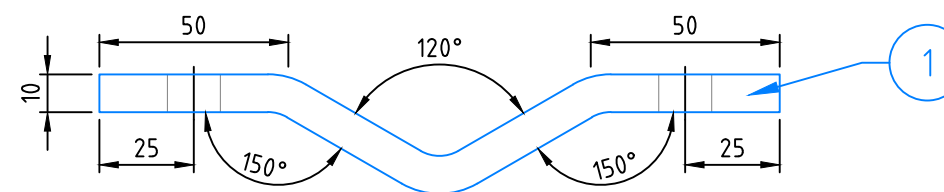
7	8	Nut M8		St. 8 THVZ	
6	8	Washer M8		NL8	Nordlock Deltaprotect
5	4	Locknut M8x30		St. 8.8 THVZ	
4	4	Slidenut with Threaded end	M8x50SN	Unistrut	Threaded length = 40mm, order nut M8x50
3	4	Slidenut M8	-	Unistrut	
2	2	Unistrut P3300T10	500mm	S235JRH THVZ	
1	2	Unistrut P3300T10	800mm	S235JRH THVZ	
Part	Quantity	Part description	Length	Material	Technical description notes

Total gross weight of steel:	1.5 kg
NEN-1090 certificate number:	xxxx.xxx.xxx

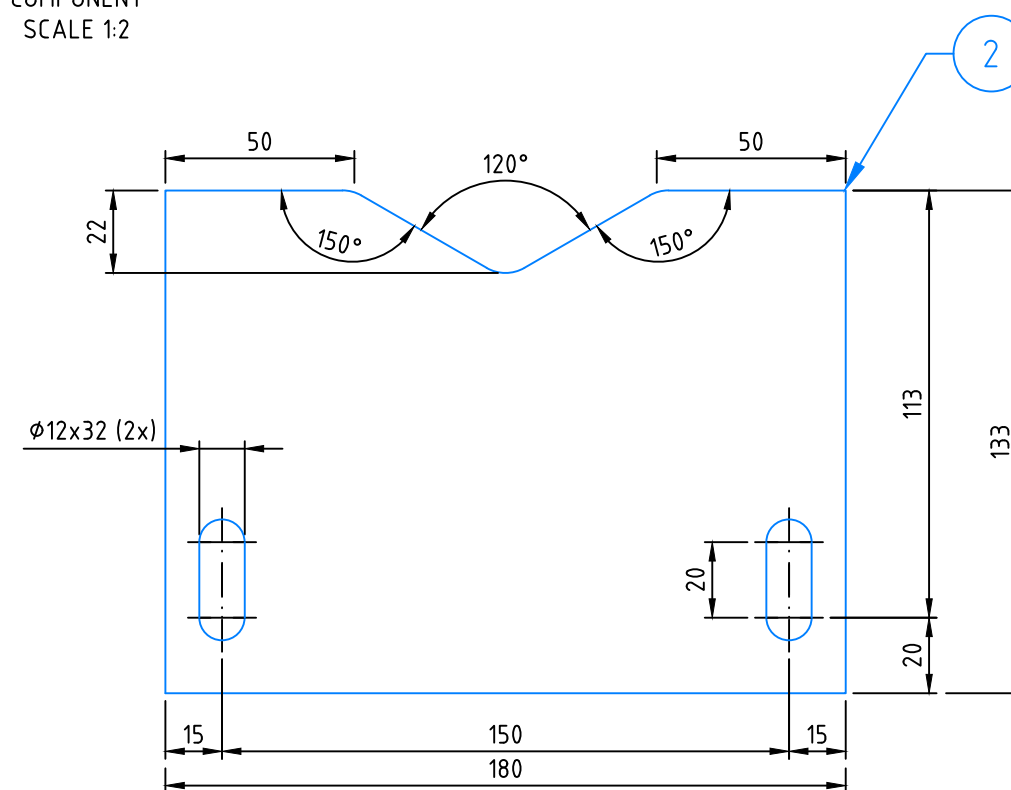
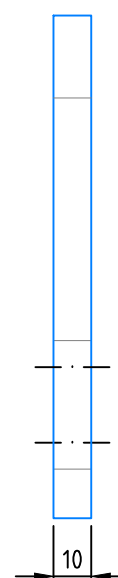
Title: RRU PLATE TO RAIL 2.0 ADAPTER			Standard detail: -		
	Date	Name/Company	Scale	Status:	EP
Drawn by:	16-04-2024	ZIN	1:5	Project name:	E SRAN Swap
Checked by:	16-04-2024	SPIE	Rev.No.	Project no.ODO:	N.002160.020
New steel exc. cl.:	EXC2		2.2	Sheet no.:	17/ 19
 Location adress: Kerkplein 3 5754 AZ Deurne			Location ID:		A3
			Odido:	L.002160	Projection
			Cignal:	Ti.xxxx	



COMPONENT
SCALE 1:2



COMPONENT
SCALE 1:2



COMPONENT
SCALE 1:2

Total gross weight of steel:	28.2 kg
NEN-1090 certificate number:	xxxx.xxx.xxx

NEW CONSTRUCTION

- Construction: 8x
- Material: S235JRG2
- All steel parts hot dip galvanizing
- Constructive welds min. 4mm ,unless otherwise specified

7	4	Nordlock washer M10		NL10DP	Nordlock Deltaprotect
6	8	Nordlock washer M12		NL12DP	Nordlock Deltaprotect
5	2	SB Bolt+Nut set M10	45mm	St. THVZ 8.8	EN15048-1 (ISO4014/4032) SB bolt + nut
4	4	SB Bolt+Nut set M12	70mm	St. THVZ 8.8	EN15048-1 (ISO4014/4032) SB bolt + nut
3	1	Plate 30x5	50mm	S235JRG2 THVZ	Weld to Pos. 1 & Pos. 2
2	1	Plate 190x10	106 mm	S235JRG2 THVZ	Weld to Pos. 1 & Pos. 3
1	2	Plate 100x10	210 mm	S235JRG2 THVZ	1x Weld to Pos. 2 & Pos. 3
Pos	Quantity	Description	Dimensions	Material	Remarks

Title: ANTENNA MOUNTING BRACKET			Standard detail: -		
Drawn by:	Date	Name/Company	Scale	Status:	EP
Checked by:	16-04-2024	ZIN	1:5	Project name:	E SRAN Swap
New steel exc. cl.:	16-04-2024	SPIE	Rev.No.	Project no.000:	N.002160.020
	EXC2		2.2	Sheet no.:	18/ 19
Location adress:			Location ID:		A3
Kerkplein 3			Odido: L.002160		Projection
5754 AZ Deurne			Signal: Ti.xxxx		

CURRENT (NOT SWAPPED) CONSTRUCTIONS PRESENT

Part	Quantity	Part description	Length	Remarks	Reference drawing (PAGE #)	Reference file
1	1	K1 SCHEME			K1 SCHEME - OUTDOOR (Page 75)	TMNL-SCL-V1.2
2	1	AC-SPD SCHEME			AC-SPD SCHEME-TYPE A (Page 68)	TMNL-SCL-V1.2
3						
4						
5						

GENERAL NOTE:

All reference drawings are contained in the TMNL Standard Construction Library (SCL), available on T-Share. Always include the drawing file revision number in the parts list to avoid mismatch between items and revisions.

During As Built validation, always include the standard reference drawing from the library in the As Built package. As to make sure the package is complete as a straight point for the next project.

In order to avoid Re-TSS for items/constructions which are not fully detailed in the EP (e.g. but not limited to: wall brackets, roofpads, frame beams, etc.) the measurement of these parts should be contained in the drawings, proflow (pictures) or a combination of documents. As to guarantee transferability between parties in case of contract termination.

Title: ITEM LIST / ITEM LIJST			Standard detail: -		
	Date	Name/Company	Scale	Status:	EP
Drawn by:	16-04-2024	ZiN	-	Project name:	E SRAN Swap
Checked by:	16-04-2024	SPIE	Rev.No.	Project no.ODO:	N.002160.020
New steel exc. cl.:	EXC2		2.2	Sheet no.:	19/ 19
 Odido.nl	Location address:			Location ID:	A3
	Kerkplein 3			Odido: L.002160	Projection 
	5754 AZ Deurne			Signal: Ti.xxxx	