





Content

Page Page name

1	LOCKSMITH PRODUCTS - TITLE PAGE
2	1/Z LINING
3	2/Z DOUBLE HOLDER FOR REMOVABLE RAILING
4	3/Z SINGLE HOLDER FOR REMOVABLE RAILING
5	5/Z REMOVABLE RAILING
6	6/Z REMOVABLE RAILING
7	7/Z REVISION DOOR
8	8/Z STAIRCASE
9	9/Z RAILING
10	9/Z RAILING
11	10/Z COLUMN UNDER THE CRANE RUNWAY
12	11a/Z CRANE RUNWAY - BEAM
13	11b/Z CRANE RUNWAY - BEAM
14	12/Z CRANE RUNWAY - BRACE
15	13/Z ANCHOR PLATE OF THE BRACE - CRANE RUNWAY
16	15a/Z ANCHOR PLATE OF THE BEAM - CRANE RUNWAY
17	15b/Z - SIDE ANCHOR PLATE OF THE BEAM - CRANE RUNWAY
18	15c/Z, 15d/Z - ANCHOR PLATES FOR HEAVY SLIDING DOOR
19	16a/Z - PROTECTIVE BARRIER
20	16b/Z - PROTECTIVE BARRIER
21	17/Z - UPS SUPPORT FRAME
21	18/Z - SOCKET BOX ANCHOR PROFILE
22	19/Z - SHIELDING STEEL PLATE

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 ÚJV Řež, a. s. Division  ENERGOPROJEKT PRAHA			Workplace Na Žertvách 2247/29, 180 00 Praha 8				
			Managing Department 2505	Processing Department 2503	Cancellation sym. V10		
Construction-action ESS - BEER			Object - operation unit CO 101			Serial number 015	
Job title Documentation for diffractometer BEER DETAIL DESIGN, Part B - Civil part						Degree of prot.	
Drawing title C0 101 - BEER EXPERIMENTAL CAVE AND CONTROL HUTCH AREA LIST OF LOCKSMITH PRODUCTS						Copy no.	
Prepared by Martin Šaár		Head of processing department Ivan Holub		Date 04/2020		Scale 1:20, 1:5	
Checked by Zdeněk Vaněček		Main project engineer Jiří Petřů		File 015_List of lock_r01.DWG		Size A 4 / 22 x A4	
Job number 27-5356-30-001			Archive number EGP 5043-D-181795			Index B	
						Sheet 1/22	

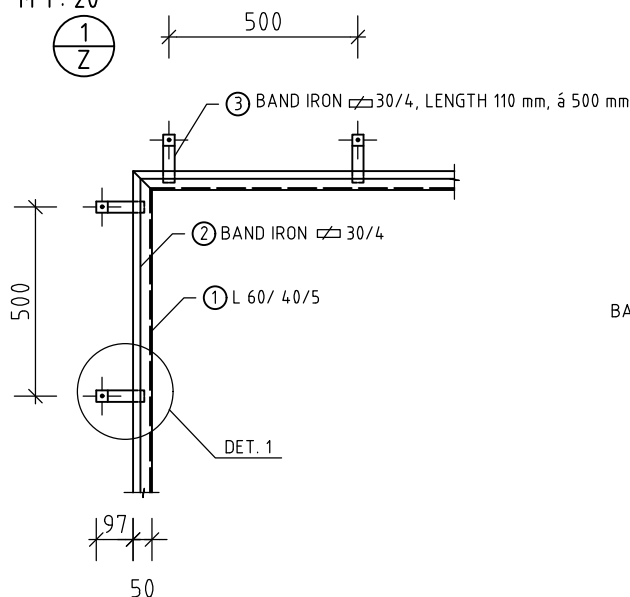
1/Z - LINING

TERM	SCHEMATIC DISPLAY DESCRIPTION	DIMENSION [mm]	NORM	NO. pieces [m']	WEIGHT (+RESERVE 10%) [kg]	SURFACE FINISH, COATING	NOTE
1	2	3	4	5	6	7	
1 Z	TRANSPORT SHAFT LINING AND OCTAGONAL LINING RING: - MATERIAL: CONSTRUCTION STEEL S235 - CONSTRUCTION ELEMENTS OF HEMS ARE PROVIDED BY PROTECTIVE COATING FROM VIEW SIDE - DIMENSIONS OF ELEMENTS LOOK AT THE SCHEMA AND LIST OF ITEMS - EFFECTIVE HEIGHT OF CORNER WELD MIN. THICKNESS OF CONNECTED MATERIAL	SEE SCHEME	-	1	80,05 (88,06)	EPOXY COATING RAL 9005 - BLACK	-

SCHEME:

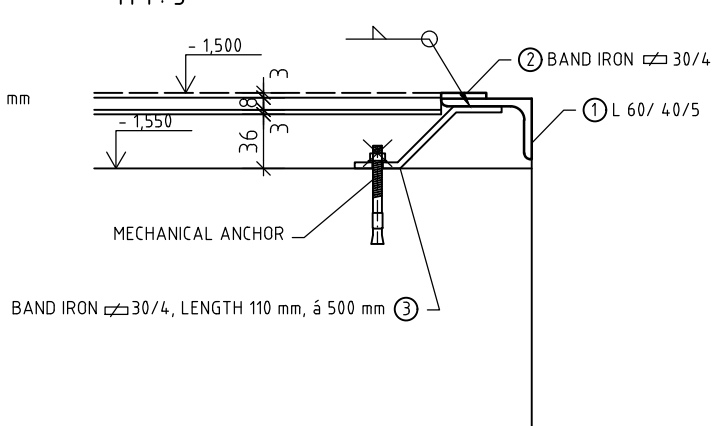
GROUNDPLAN

M 1 : 20



DETAIL 1

M 1 : 5



NOTE:

THE SCHEME IS FOR TRANSPORT SHAFT LINING.
FOR DETAIL ABOUT OCTAGONAL LINING RING FOR PIT
FOR SAMPLE TOWER LOOK AT THE DRAWING:
006_DD_Groundplan_CIVIL_NIK6.6_A

LIST OF ITEMS

TERM	DESCRIPTION OF ELEMENT	NO. [pcs]	LENGTH [mm]	WEIGHT [kg/m]	WEIGHT [kg/pcs]	TOTAL WEIGHT [kg]
1	L 60/40/5	-	16 350	3,76	-	61,48
2	BAND IRON 30/4	-	16 350	0,94	-	15,37
3	BAND IRON 30/4	32	110	0,94	0,10	3,20
	MECHANICAL ANCHOR	32	-	-	-	-

Prepared by M. Šaár	Checked by Z. Vaněček	File 015_ess-0461624_dd_civil_locksmith_r01.dwg
Drawing title		Drawing type
LIST OF LOCKSMITH PRODUCTS		STAR
ÚJV Řež, a. s. Hlavní 130, Řež 250 68 Husinec	ENERGOPROJEKT PRAHA	Archive no. EGP5043D181795
Sheet 2/22	Index B	

F

3/Z - SINGLE HOLDER FOR REMOVABLE RAILING

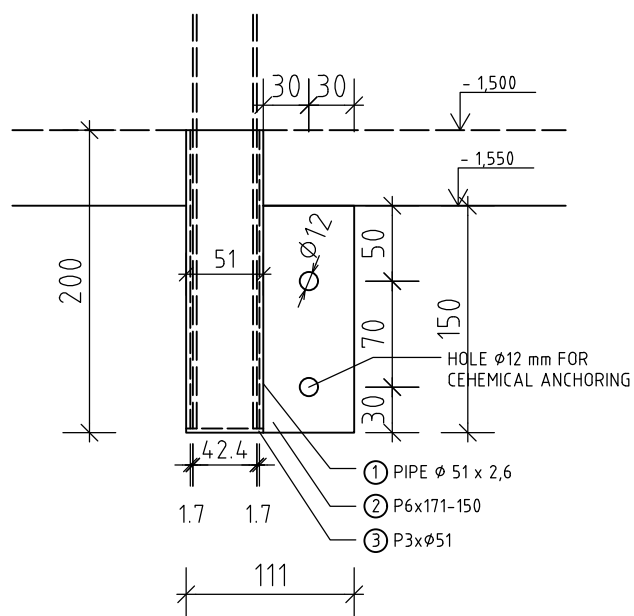
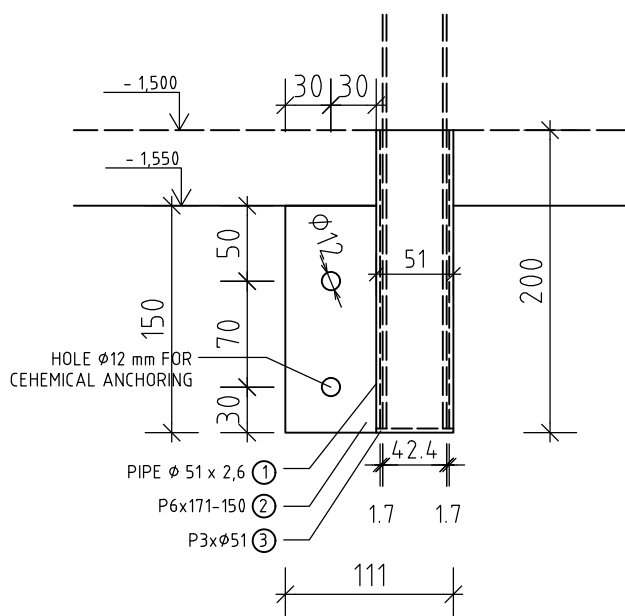
TERM	SCHEMATIC DISPLAY DESCRIPTION	DIMENSION [mm]	NORM	NO. pieces [m']	WEIGHT (+RESERVE 10%) [kg]	SURFACE FINISH, COATING	NOTE
1	2	3	4	5	6	7	
3 Z	DOUBLE HOLDER OF REMOVABLE RAILING - MATERIAL: CONSTRUCTION STEEL S235 - CONSTRUCTION ELEMENTS OF RAILING ARE PROVIDED BY PROTECTIVE COATING FROM VIEW SIDE - DIMENSIONS OF ELEMENTS LOOK AT THE SCHEMA AND LIST OF ITEMS	SEE SCHEME	-	2+2 pcs	5,86 (6,45)	EPOXY COATING RAL 1028 - YELLOW	-

SCHEME:

VIEW
M 1 : 5

LEFT VARIANT, TOTAL 2pcs

RIGHT VARIANT, TOTAL 2pcs



LIST OF ITEMS

TERM	DESCRIPTION OF ELEMENT	NO. [pcs]	LENGTH [mm]	WEIGHT [kg/m]	WEIGHT [kg/pcs]	TOTAL WEIGHT [kg]
①	PIPE ϕ 51 x 2,6	4	200	3,1	0,62	2,48
②	P6x111-150	4	111	-	0,78	3,14
③	P3x51	4	-	-	0,06	0,24

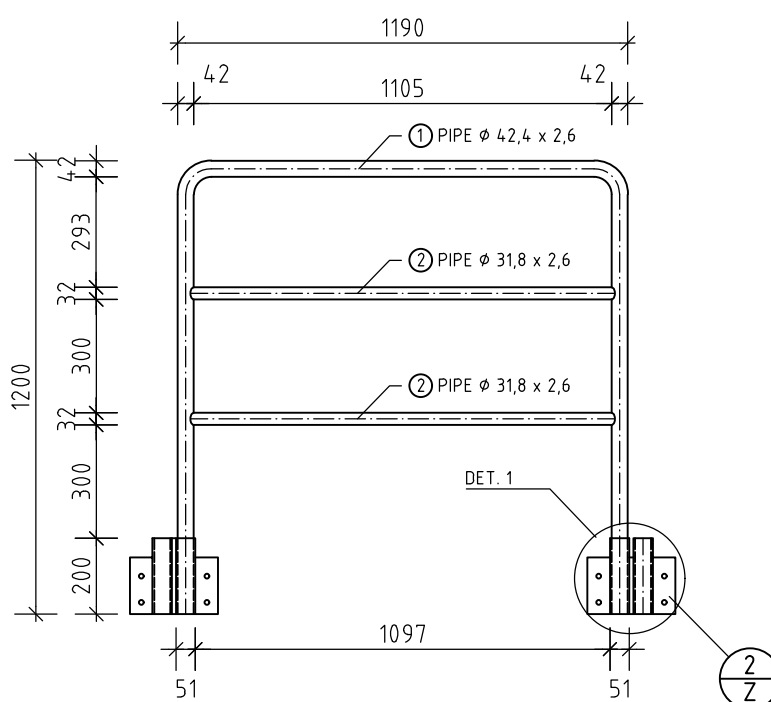
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Drawing title LIST OF LOCKSMITH PRODUCTS		Drawing type STAR
ÚJV Řež, a. s. Hlavní 130, Řež 250 68 Husinec	ENERGOPROJEKT PRAHA	Archive no. EGP5043D181795
Sheet 4/22	Index B	

5/Z - REMOVABLE RAILING

TERM	SCHEMATIC DISPLAY DESCRIPTION	DIMENSION [mm]	NORM	NO. pieces [m']	WEIGHT (+RESERVE 10%) [kg]	SURFACE FINISH, COATING	NOTE
1	2	3	4	5	6	7	
5 Z	REMOVABLE RAILING - MATERIAL: CONSTRUCTION STEEL S235 - CONSTRUCTION ELEMENTS OF RAILING ARE PROVIDED BY PROTECTIVE COATING FROM VIEW SIDE - DIMENSIONS OF ELEMENTS LOOK AT THE SCHEMA AND LIST OF ITEMS	SEE SCHEMA	-	4 pcs	44,31 (48,74)	EPOXY COATING RAL 1028 - YELLOW	-

SCHEME:

VIEW
M 1: 20



LIST OF ITEMS

TERM	DESCRIPTION OF ELEMENT	NO. [pcs]	LENGTH [mm]	WEIGHT [kg/m]	WEIGHT [kg/pcs]	TOTAL WEIGHT [kg]
①	PIPE ϕ 42,4 x 2,6	3	3450	2,55	8,8	26,4
②	PIPE ϕ 31,8 x 2,6	6	1115	1,87	2,08	12,51

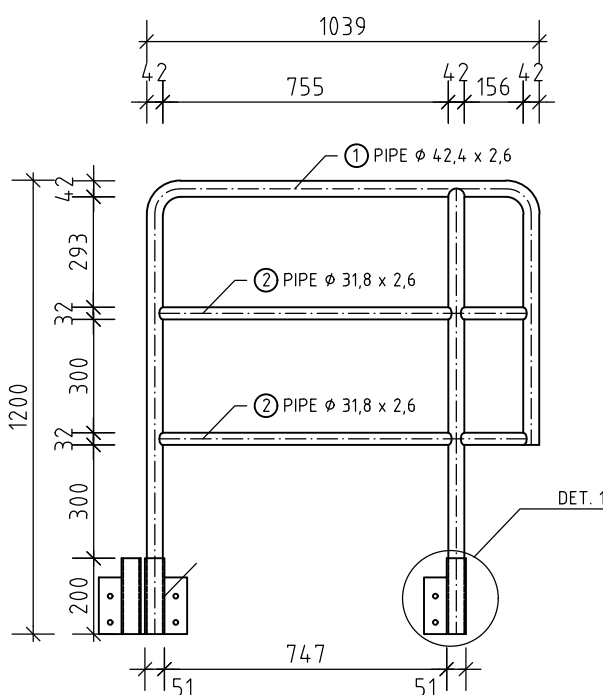
Prepared by M. Šaár	Checked by Z. Vaněček	File 015_ess-0461624_dd_civil_locksmith_r01.dwg
Drawing title		Drawing type
LIST OF LOCKSMITH PRODUCTS		STAR
ÚJV Řež, a. s. Hlavní 130, Řež 250 68 Husinec	ENERGOPROJEKT PRAHA	Archive no. EGP5043D181795
Sheet 5/22		Index B

6/Z - REMOVABLE RAILING

TERM	SCHEMATIC DISPLAY DESCRIPTION	DIMENSION [mm]	NORM	NO. pieces [m']	WEIGHT (+RESERVE 10%) [kg]	SURFACE FINISH, COATING	NOTE
1	2	3	4	5	6	7	
6 Z	REMOVABLE RAILING - MATERIAL: CONSTRUCTION STEEL S235 - CONSTRUCTION ELEMENTS OF RAILING ARE PROVIDED BY PROTECTIVE COATING - DIMENSIONS OF ELEMENTS LOOK AT THE SCHEMA AND LIST OF ITEMS	SEE SCHEME	-	1 pcs	28,08 (30,89)	EPOXY COATING RAL 1028 - YELLOW	-

SCHEME:

VIEW
M 1 : 20



LIST OF ITEMS

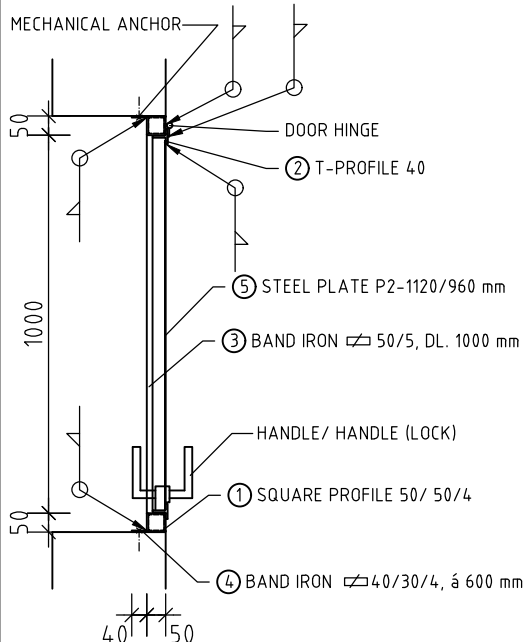
TERM	DESCRIPTION OF ELEMENT	NO. [pcs]	LENGTH [mm]	WEIGHT [kg/m]	WEIGHT [kg/pcs]	TOTAL WEIGHT [kg]
①	PIPE Ø 42,4x 2,6	2	3350	2,55	8,54	17,08
②	PIPE Ø 31,8x 2,6	4	990	1,87	1,85	7,40

Prepared by M. Šaár	Checked by Z. Vaněček	File 015_ess-0461624_dd_civil_locksmith_r01.dwg
Drawing title		Drawing type
LIST OF LOCKSMITH PRODUCTS		STAR
ÚJV Řež, a. s. Hlavní 130, Řež 250 68 Husinec	ENERGOPROJEKT PRAHA	Archive no. EGP5043D181795
Sheet 6/22		Index B

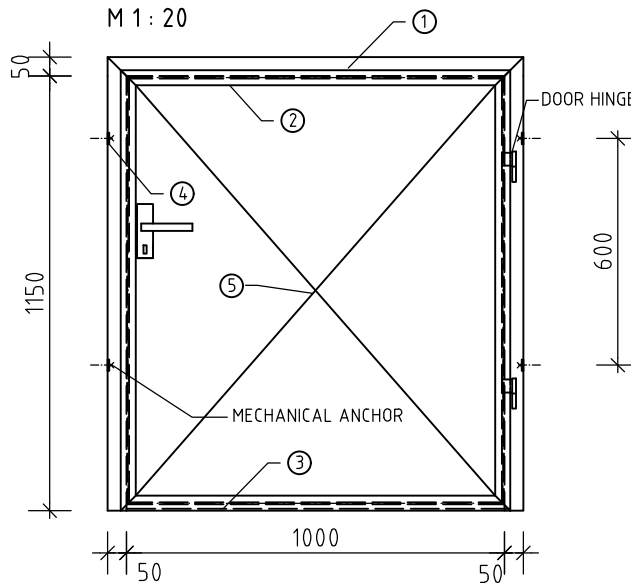
7/Z - REVISION DOOR

TERM	SCHEMATIC DISPLAY DESCRIPTION	DIMENSION [mm]	NORM	NO. pieces [m']	WEIGHT (+RESERVE 10%) [kg]	SURFACE FINISH, COATING	NOTE
1	2	3	4	5	6	7	
7 Z	REVISION DOOR: - MATERIAL: CONSTRUCTION STEEL S235 - CONSTRUCTION ELEMENTS OF REVISION DOOR ARE PROVIDED BY PROTECTIVE COATING - DIMENSIONS OF ELEMENTS LOOK AT THE SCHEMA AND LIST OF ITEMS - EFFECTIVE HEIGHT OF CORNER WELD MIN. THICKNESS OF CONNECTED MATERIAL	SEE SCHEME	-	1	50,51 (55,56)	EPOXY COATING RAL 9005 - BLACK	-

SCHEME: 7/Z GROUNDPLAN M 1 : 20



VIEW M 1 : 20



LIST OF ITEMS

TERM	DESCRIPTION OF ELEMENT	NO. [pcs]	LENGTH [mm]	WEIGHT [kg/m]	WEIGHT [kg/pcs]	TOTAL WEIGHT [kg]
①	SQ. PROFILE 50/50/4	-	3 400	5,616	-	19,09
②	T PROFILE 40	-	4 200	2,96	-	12,43
③	BAND IRON 50/5	-	1 000	1,96	-	1,96
④	BAND IRON 40/30/4	4	-	-	0,038	0,15
⑤	STEEL PLATE P2-1120/960	1	-	-	16,88	16,88
	DOOR HINGE	2	-	-	-	-
	MECHANICAL ANCHOR	4	-	-	-	-

Prepared by M. Šaár

Checked by Z. Vaněček

File 015_ess-0461624_dd_civil_locksmith_r01.dwg

Drawing title

LIST OF LOCKSMITH PRODUCTS

Drawing type

STAR



ÚJV Řež, a. s.
Hlavní 130, Řež
250 68 Husinec

ENERGOPROJEKT
PRAHA

Archive no.

EGP5043D181795

Sheet

7/22

Index

B

8/Z - STAIRCASE


TERM	SCHEMATIC DISPLAY DESCRIPTION	DIMENSION [mm]	NORM	NO. pieces [m']	WEIGHT (+RESERVE 10%) [kg]	SURFACE FINISH, COATING	NOTE
1	2	3	4	5	6	7	
8 Z	STAIRCASE: - MATERIAL: CONSTRUCTION STEEL S235 - CONSTRUCTION ELEMENTS OF STAIRCASE ARE PROVIDE BY PROTECTIVE COATING - DIMENSIONS OF ELEMENTS LOOK AT THE SCHEMA AND LIST OF ITEMS - EFFECTIVE HEIGHT OF CORNER WELD MIN. THICKNESS OF CONNECTED MATERIAL	SEE SCHEME	-	1	1104,93 (1215,42)	EPOXY COATING RAL 7004 - SIGNAL GREY	-

LIST OF ITEMS

TERM	DESCRIPTION OF ELEMENT	NO. [pcs]	LENGTH [mm]	WEIGHT [kg/m]	WEIGHT [kg/pcs]	TOTAL WEIGHT [kg]
①	U PROFILE 200	-	20 480	25,30	-	518,14
②	STEEL PLATE P4	8	-	-	11,21	89,68
③	STEEL PLATE P10-300/125	2	-	-	1,18	2,36
④	SQ. PROFILE 100/100/5	-	5 470	13,97	-	76,42
⑤	SQ, PROFILE 100/100/5	2	1 000	13,97	-	27,94
⑥	STEEL PLATE P10-200/200	18	-	-	3,14	56,52
⑦	STEEL PLATE P4	-	5 860	32,97	-	193,20
⑧	STEEL PLATE P4	-	3200	43,96	-	140,67
	MECHANICAL ANCHOR M12	22	-	-	-	-
	SCREW M12 + 2 x WASHER + HEXAGON NUT	32	-	-	-	-

NOTE:

WHOLE GEOMETRY OF CONSTRUCTION LOOK AT THE SCHEMA IN DRAWING (STAIRCASE 8/Z - SECTION, DETAIL 1,2) AND (STAIRCASE 8/Z - SECTION, GROUNDPLAN)

Prepared by M. Šaár	Checked by Z. Vaněček	File 015_ess-0461624_dd_civil_locksmith_r01.dwg
Drawing title	LIST OF LOCKSMITH PRODUCTS	
Drawing type	STAR	
 ÚJV Řež, a. s. Hlavní 130, Řež 250 68 Husinec	ENERGOPROJEKT PRAHA	Archive no. EGP5043D181795
Sheet	Index	
8/22	B	

9/Z - RAILING

TERM	SCHEMATIC DISPLAY DESCRIPTION	DIMENSION [mm]	NORM	NO. pieces [m']	WEIGHT (+RESERVE 10%) [kg]	SURFACE FINISH, COATING	NOTE
1	2	3	4	5	6	7	
9 Z	RAILING: - MATERIAL: CONSTRUCTION STEEL S235 - CONSTRUCTION ELEMENTS OF RAILING ARE PROVIDED BY PROTECTIVE COATING - DIMENSIONS OF ELEMENTS LOOK AT THE SCHEMA AND LIST OF ITEMS - EFFECTIVE HEIGHT OF CORNER WELD MIN. THICKNESS OF CONNECTED MATERIAL	SEE SCHEME	-	-	97,33 (107,06)	EPOXY COATING RAL 7004 - SIGNAL GREY	-

LIST OF ITEMS

9a
Z

TERM	DESCRIPTION OF ELEMENT	NO. [pcs]	LENGTH [mm]	WEIGHT [kg/m]	WEIGHT [kg/pcs]	TOTAL WEIGHT [kg]
①	STEEL PLATE P6-150/55	3	-	-	0,39	1,17
②	PIPE Ø 42,4 x 2,6	-	6 700	2,55	-	17,09
③	PIPE Ø 31,8 x 2,6	-	5 400	1,87	-	10,10
	SCREW M12 + 2x WASHER + HEXAGON NUT	6	-	-	-	-
	SCREW M12x150 + 2x WASHER + HEXAGON NUT	2	-	-	-	-

LIST OF ITEMS

9b
Z

TERM	DESCRIPTION OF ELEMENT	NO. [pcs]	LENGTH [mm]	WEIGHT [kg/m]	WEIGHT [kg/pcs]	TOTAL WEIGHT [kg]
①	STEEL PLATE P6-150/55	4	-	-	0,39	1,56
②	PIPE Ø 42,4 x 2,6	-	5 940	2,55	-	15,15
③	PIPE Ø 31,8 x 2,6	-	5 680	1,87	-	10,62
	SCREW M12 + 2x WASHER + HEXAGON NUT	8	-	-	-	-

NOTE:

WHOLE GEOMETRY OF CONSTRUCTION LOOK AT DRAWING (RAILING 9/Z - VIEW, DETAIL 1,2)

Prepared by M. Šaár	Checked by Z. Vaněček	File 015_ess-0461624_dd_civil_locksmith_r01.dwg
Drawing title	LIST OF LOCKSMITH PRODUCTS	
 ÚJV Řež, a. s. Hlavní 130, Řež 250 68 Husinec		Archive no. EGP5043D181795
 ENERGOPROJEKT PRAHA		Sheet 9/22
		Index B

LIST OF ITEMS

9c
Z

TERM	DESCRIPTION OF ELEMENT	NO. [pcs]	LENGTH [mm]	WEIGHT [kg/m]	WEIGHT [kg/pcs]	TOTAL WEIGHT [kg]
①	STEEL PLATE P6-150/55	2	-	-	0,39	0,78
②	PIPE Ø 42,4 x 2,6	-	3 800	2,55	-	9,69
③	PIPE Ø 31,8 x 2,6	-	3 450	1,87	-	6,46
	SCREW M12 + 2x WASHER + HEXAGON NUT	4	-	-	-	-
	SCREW M12x200 + 2x WASHER + HEXAGON NUT	2	-	-	-	-


LIST OF ITEMS

9d
Z

TERM	DESCRIPTION OF ELEMENT	NO. [pcs]	LENGTH [mm]	WEIGHT [kg/m]	WEIGHT [kg/pcs]	TOTAL WEIGHT [kg]
①	STEEL PLATE P6-150/55	2	-	-	0,39	0,78
②	PIPE Ø 42,4 x 2,6	-	5 050	2,55	-	12,88
③	PIPE Ø 31,8 x 2,6	-	4 600	1,87	-	8,60
	SCREW M12 + 2x WASHER + HEXAGON NUT	4	-	-	-	-

NOTE:

WHOLE GEOMETRY OF CONSTRUCTION LOOK AT DRAWING (RAILING 9/Z - VIEW, DETAIL 1,2)

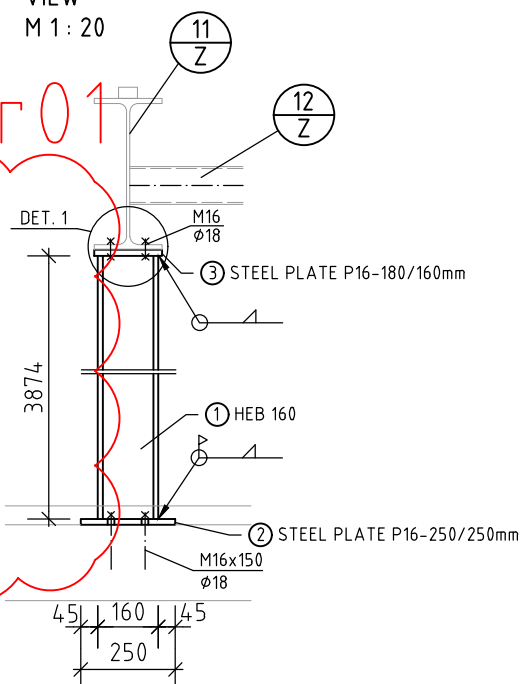
Prepared by M. Šaár	Checked by Z. Vaněček	File 015_ess-0461624_dd_civil_locksmith_r01.dwg
Drawing title	LIST OF LOCKSMITH PRODUCTS	
 ÚJV Řež, a. s. Hlavní 130, Řež 250 68 Husinec		Archive no. EGP5043D181795
ENERGOPROJEKT PRAHA		Sheet 10/22
		Index B

10/Z - COLUMN UNDER THE CRANE RUNWAY

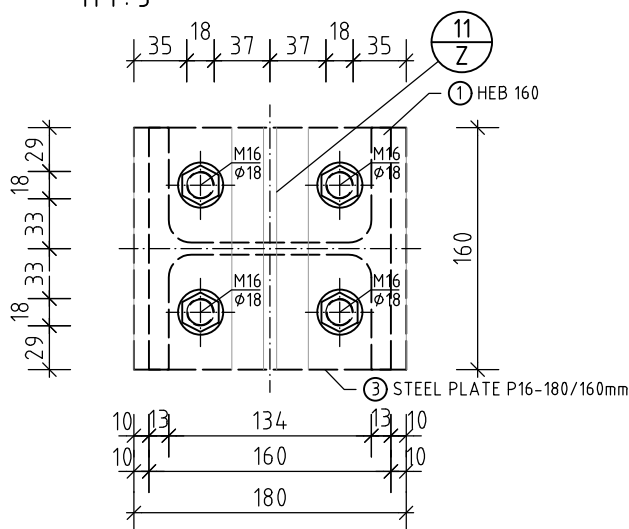
TERM	SCHEMATIC DISPLAY DESCRIPTION	DIMENSION [mm]	NORM	NO. pieces [m]	WEIGHT (+RESERVE 10%) [kg]	SURFACE FINISH, COATING	NOTE
1	2	3	4	5	6	7	
10/Z	COLUMN UNDER THE CRANE RUNWAY: - MATERIAL: CONSTRUCTION STEEL S235 - CONSTRUCTION ELEMENTS OF COLUMN ARE PROVIDED BY PROTECTIVE COATING - DIMENSIONS OF ELEMENTS LOOK AT THE SCHEMA AND LIST OF ITEMS - EFFECTIVE HEIGHT OF CORNER WELD MIN. 6 mm	SEE SCHEME	-	1	176,50 (194,15)	EPoxy COATING RAL 9005 - BLACK	-

SCHEME: 10/Z

VIEW
M 1: 20



DETAIL 1: GROUNDPLAN
M 1: 5



NOTE:

STEEL PLATE WILL BE ANCHORED TO THE FLOOR PLATFORM SLAB BY 4pcs OF CHEMICAL ANCHORS.

LIST OF ITEMS

TERM	DESCRIPTION OF ELEMENT	NO. [pcs]	LENGTH [mm]	WEIGHT [kg/m]	WEIGHT [kg/pcs]	TOTAL WEIGHT [kg]
1	HEB 160	1	3 874	42,6	-	165,03
2	STEEL PLATE P16-250/250	1	-	-	7,85	7,85
3	STEEL PLATE P16-180/160	1	-	-	3,62	3,62
	CHEMICAL ANCHOR M16x200	4	-	-	-	-

Prepared by M. Šaár

Checked by Z. Vaněček

File 015_ess-0461624_dd_civil_locksmith_r01.dwg

Drawing title

LIST OF LOCKSMITH PRODUCTS

Drawing type

STAR



ÚJV Řež, a. s.
Hlavní 130, Řež
250 68 Husinec

ENERGOPROJEKT
PRAHA

Archive no.

EGP5043D181795

Sheet

11/22

Index

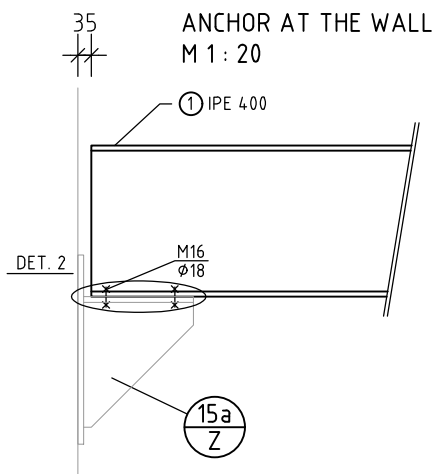
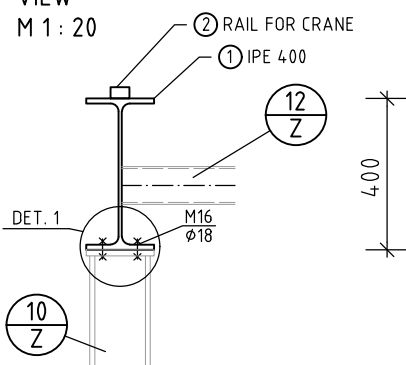
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11a/Z - CRANE RUNWAY - BEAM

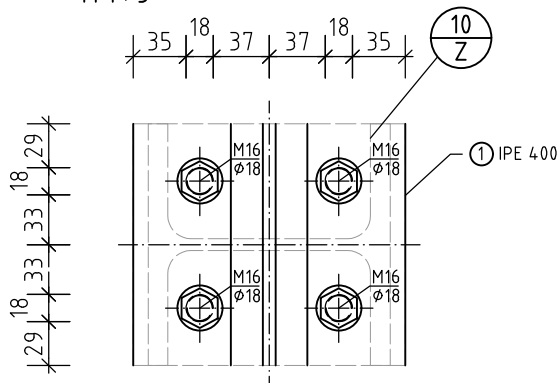
TERM	SCHEMATIC DISPLAY DESCRIPTION	DIMENSION [mm]	NORM	NO. pieces [m']	WEIGHT (+RESERVE 10%) [kg]	SURFACE FINISH, COATING	NOTE
1	2	3	4	5	6	7	
11a Z	CRANE RUNWAY - BEAM: - MATERIAL: CONSTRUCTION STEEL S235 - CONSTRUCTION ELEMENTS OF BEAM ARE PROVIDED BY PROTECTIVE COATING - DIMENSIONS OF ELEMENTS LOOK AT THE SCHEMA AND LIST OF ITEMS - EFFECTIVE HEIGHT OF CORNER WELD MIN. 6 mm	SEE SCHEME	-	1	782,34 (860,57)	EPOXY COATING RAL 9005 - BLACK	RAIL FOR THE CRANE WILL BE SPECIFIED BY SUPPLIER

SCHEME: 11a Z

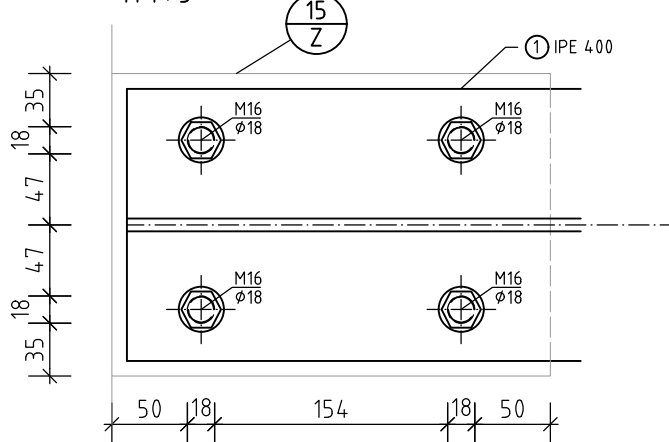
VIEW
M 1 : 20



DETAIL 1: ANCHOR ON THE COLUMN
M 1 : 5



DETAIL 2: ANCHOR ON THE CONSOLE AT THE WALL
M 1 : 5



LIST OF ITEMS

TERM	DESCRIPTION OF ELEMENT	NO. [pcs]	LENGTH [mm]	WEIGHT [kg/m]	WEIGHT [kg/pcs]	TOTAL WEIGHT [kg]
1	IPE 400	1	11 680	66,3	-	774,38
2	RAIL FOR CRANE	-	-	-	-	-

Prepared by M. Šaár

Checked by Z. Vaněček

File 015_ess-0461624_dd_civil_locksmith_r01.dwg

Drawing title

LIST OF LOCKSMITH PRODUCTS

Drawing type

STAR



ÚJV Řež, a. s.
Hlavní 130, Řež
250 68 Husinec

ENERGOPROJEKT
PRAHA

Archive no.

EGP5043D181795

Sheet

12/22

Index

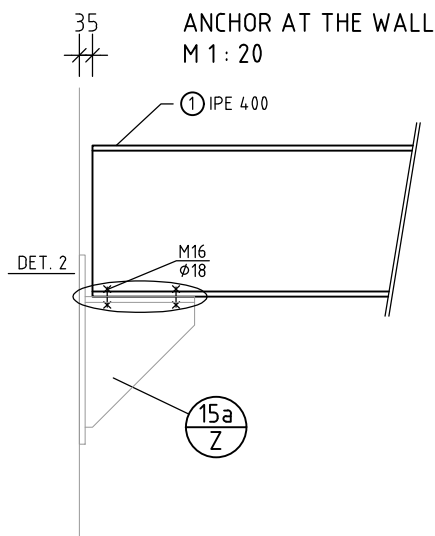
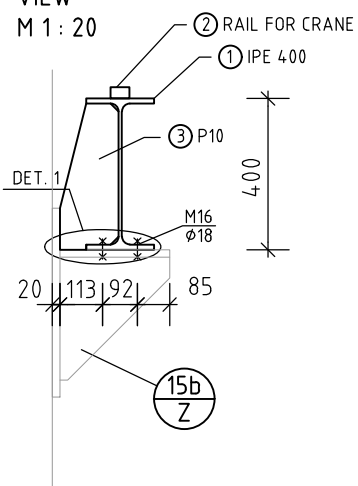
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11b/Z - CRANE RUNWAY - BEAM

TERM	SCHEMATIC DISPLAY DESCRIPTION	DIMENSION [mm]	NORM	NO. pieces [m']	WEIGHT (+RESERVE 10%) [kg]	SURFACE FINISH, COATING	NOTE
1	2	3	4	5	6	7	
11b Z	CRANE RUNWAY - BEAM: - MATERIAL: CONSTRUCTION STEEL S235 - CONSTRUCTION ELEMENTS OF BEAM ARE PROVIDED BY PROTECTIVE COATING - DIMENSIONS OF ELEMENTS LOOK AT THE SCHEMA AND LIST OF ITEMS - EFFECTIVE HEIGHT OF CORNER WELD MIN. 6 mm	SEE SCHEME	-	1	778,88 (856,77)	EPOXY COATING RAL 9005 - BLACK	RAIL FOR THE CRANE WILL BE SPECIFIED BY SUPPLIER

SCHEME: 11b Z

VIEW
M 1: 20



LIST OF ITEMS

TERM	DESCRIPTION OF ELEMENT	NO. [pcs]	LENGTH [mm]	WEIGHT [kg/m]	WEIGHT [kg/pcs]	TOTAL WEIGHT [kg]
①	IPE 400	1	11 680	66,3	-	774,38
②	RAIL FOR CRANE	-	-	-	-	-
③	BRACING - P10	1	-	4,50	-	4,50

Prepared by M. Šaár

Checked by Z. Vaněček

File 015_ess-0461624_dd_civil_locksmith_r01.dwg

Drawing title

LIST OF LOCKSMITH PRODUCTS

Drawing type

STAR



ÚJV Řež, a. s.
Hlavní 130, Řež
250 68 Husinec

**ENERGOPROJEKT
PRAHA**

Archive no.

EGP5043D181795

Sheet

13/22

Index

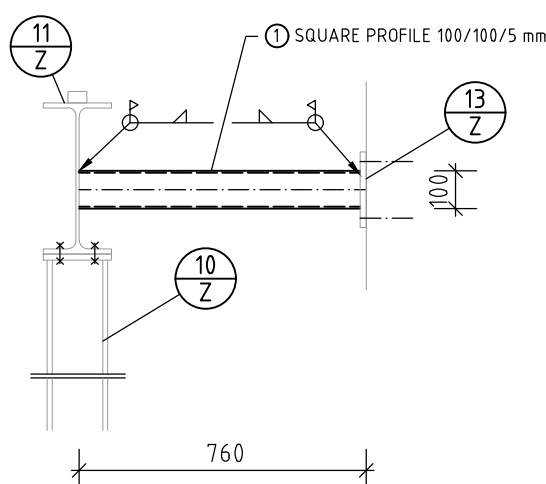
B

12/Z - CRANE RUNWAY - BRACE

TERM	SCHEMATIC DISPLAY DESCRIPTION	DIMENSION [mm]	NORM	NO. pieces [m']	WEIGHT (+RESERVE 10%) [kg]	SURFACE FINISH, COATING	NOTE
1	2	3	4	5	6	7	
12/Z	CRANE RUNWAY - BRACE: - MATERIAL: CONSTRUCTION STEEL S235 - CONSTRUCTION ELEMENTS OF BRACE ARE PROVIDED BY PROTECTIVE COATING - DIMENSIONS OF ELEMENTS LOOK AT THE SCHEMA AND LIST OF ITEMS - EFFECTIVE HEIGHT OF CORNER WELD MIN. THICKNESS OF CONNECTED MATERIAL	SEE SCHEME	-	1	10,62 (11,68)	EPOXY COATING RAL 9005 - BLACK	-

SCHEME: 12/Z

VIEW
M 1: 20



LIST OF ITEMS

TERM	DESCRIPTION OF ELEMENT	NO. [pcs]	LENGTH [mm]	WEIGHT [kg/m]	WEIGHT [kg/pcs]	TOTAL WEIGHT [kg]
1	SQ. PROFILE 100/100/5	1	760	13,969	-	10,62

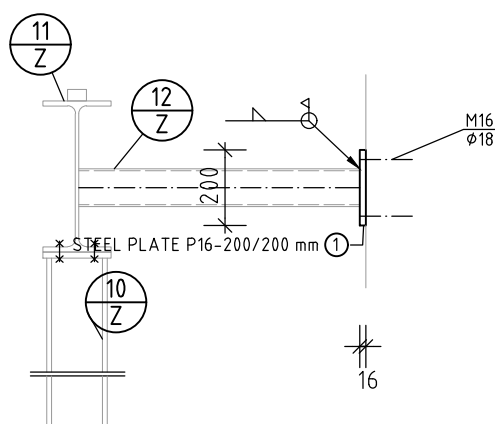
Prepared by M. Šaár	Checked by Z. Vaněček	File 015_ess-0461624_dd_civil_locksmith_r01.dwg
Drawing title LIST OF LOCKSMITH PRODUCTS		Drawing type STAR
 ÚJV Řež, a. s. Hlavní 130, Řež 250 68 Husinec	ENERGOPROJEKT PRAHA	Archive no. EGP5043D181795
Sheet 14/22		Index B

13/Z - ANCHOR PLATE OF THE BRACE - CRANE RUNWAY

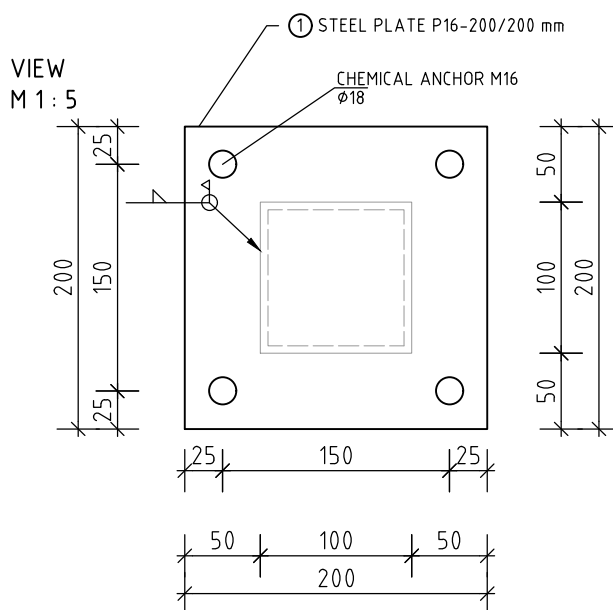
TERM	SCHEMATIC DISPLAY DESCRIPTION	DIMENSION [mm]	NORM	NO. pieces [m']	WEIGHT (+RESERVE 10%) [kg]	SURFACE FINISH, COATING	NOTE
1	2	3	4	5	6	7	
13 Z	ANCHOR PLATE OF THE BRACE - CRANE RUNWAY: - MATERIAL: CONSTRUCTION STEEL S235 - CONSTRUCTION ELEMENTS OF ANCHOR PLATE ARE PROVIDED BY PROTECTIVE COATING - DIMENSIONS OF ELEMENTS LOOK AT THE SCHEMA AND LIST OF ITEMS - EFFECTIVE HEIGHT OF CORNER WELD MIN. THICKNESS OF CONNECTED MATERIAL	SEE SCHEME	-	1	5,02 (5,53)	OUTER SURFACE OF ITEM COVERED BY EPOXY COATING, RAL 9005 - BLACK	-

SCHEME: 13/Z

VIEW
M 1: 20



VIEW
M 1: 5



NOTE:

STEEL PLATE WILL BE ANCHORED TO THE WALL BLOCKS BY CHEMICAL ANCHORS.

LIST OF ITEMS

TERM	DESCRIPTION OF ELEMENT	NO. [pcs]	LENGTH [mm]	WEIGHT [kg/m]	WEIGHT [kg/pcs]	TOTAL WEIGHT [kg]
1	STEEL PLATE P16-200/200	1	-	-	5,02	5,02
	CHEMICAL ANCHOR M16x200	4	-	-	-	-

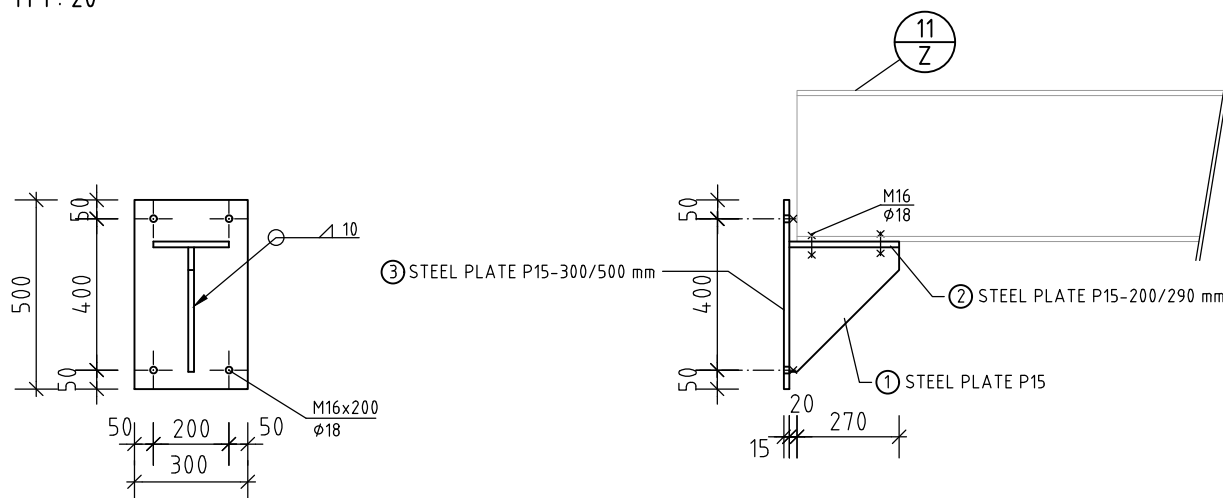
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Drawing title		Drawing type
LIST OF LOCKSMITH PRODUCTS		STAR
ÚJV Řež, a. s. Hlavní 130, Řež 250 68 Husinec	ENERGOPROJEKT PRAHA	Archive no. EGP5043D181795
Sheet 15/22		Index B

15a/Z - ANCHOR PLATE OF THE BEAM - CRANE RUNWAY

TERM	SCHEMATIC DISPLAY DESCRIPTION	DIMENSION [mm]	NORM	NO. pieces [m']	WEIGHT (+RESERVE 10%) [kg]	SURFACE FINISH, COATING	NOTE
1	2	3	4	5	6	7	
15a Z	ANCHOR PLATE OF THE BEAM - CRANE RUNWAY: - MATERIAL: CONSTRUCTION STEEL S235 - CONSTRUCTION ELEMENTS OF ANCHOR PLATE ARE PROVIDED BY PROTECTIVE COATING - DIMENSIONS OF ELEMENTS LOOK AT THE SCHEMA AND LIST OF ITEMS - EFFECTIVE HEIGHT OF CORNER WELD SEE SCHEME	SEE SCHEME	-	4	138,72 (152,59)	OUTER SURFACE OF ITEM COVERED BY EPOXY COATING, RAL 9005 - BLACK	-

SCHEME: 15a/Z

VIEW
M 1 : 20



NOTE:

STEEL PLATE WILL BE ANCHORED TO THE WALL BLOCKS BY CHEMICAL ANCHORS.

LIST OF ITEMS

TERM	DESCRIPTION OF ELEMENT	NO. [pcs]	LENGTH [mm]	WEIGHT [kg/m]	WEIGHT [kg/pcs]	TOTAL WEIGHT [kg]
①	STEEL PLATE P15	1	-	-	10,20	10,20
②	STEEL PLATE P15-200/290	1	-	-	6,83	6,82
③	STEEL PLATE P15-300/500	1	-	-	17,66	17,66
	CHEMICAL ANCHOR M16x200	4	-	-	-	-

Prepared by M. Šaár

Checked by Z. Vaněček

File 015_ess-0461624_dd_civil_locksmith_r01.dwg

Drawing title

LIST OF LOCKSMITH PRODUCTS

Drawing type

STAR



ÚJV Řež, a. s.
Hlavní 130, Řež
250 68 Husinec

ENERGOPROJEKT
PRAHA

Archive no.

EGP5043D181795

Sheet

16/22

Index

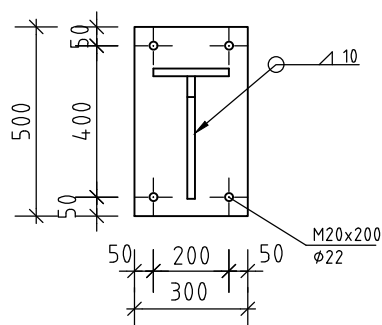
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15b/Z - SIDE ANCHOR PLATE OF THE BEAM - CRANE RUNWAY

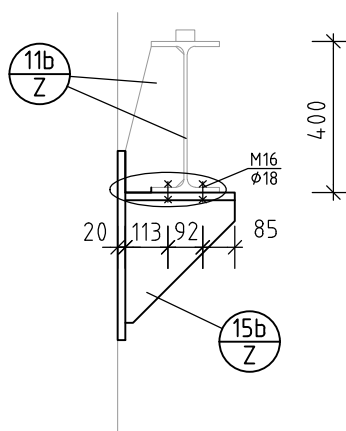
TERM	SCHEMATIC DISPLAY DESCRIPTION	DIMENSION [mm]	NORM	NO. pieces [m']	WEIGHT (+RESERVE 10%) [kg]	SURFACE FINISH, COATING	NOTE
1	2	3	4	5	6	7	
15b Z	ANCHOR PLATE OF THE BEAM - CRANE RUNWAY: - MATERIAL: CONSTRUCTION STEEL S235 - CONSTRUCTION ELEMENTS OF ANCHOR PLATE ARE PROVIDED BY PROTECTIVE COATING - DIMENSIONS OF ELEMENTS LOOK AT THE SCHEMA AND LIST OF ITEMS - EFFECTIVE HEIGHT OF CORNER WELD SEE SCHEME	SEE SCHEME	-	1	46,32 (50,95)	OUTER SURFACE OF ITEM COVERED BY EPOXY COATING, RAL 9005 - BLACK	-

SCHEME: 15b/Z

VIEW
M 1 : 20



VIEW
M 1 : 20



NOTE:

STEEL PLATE WILL BE ANCHORED TO THE WALL BLOCKS BY CHEMICAL ANCHORS.

LIST OF ITEMS

TERM	DESCRIPTION OF ELEMENT	NO. [pcs]	LENGTH [mm]	WEIGHT [kg/m]	WEIGHT [kg/pcs]	TOTAL WEIGHT [kg]
①	STEEL PLATE P20	1	-	-	13,66	13,66
②	STEEL PLATE P20-200/290	1	-	-	9,11	9,11
③	STEEL PLATE P20-300/500	1	-	-	23,55	23,55
	CHEMICAL ANCHOR M20x200	4	-	-	-	-

Prepared by M. Šaár

Checked by Z. Vaněček

File 015_ess-0461624_dd_civil_locksmith_r01.dwg

Drawing title

LIST OF LOCKSMITH PRODUCTS

Drawing type

STAR



ÚJV Řež, a. s.
Hlavní 130, Řež
250 68 Husinec

ENERGOPROJEKT
PRAHA

Archive no.

EGP5043D181795

Sheet

17/22

Index

B

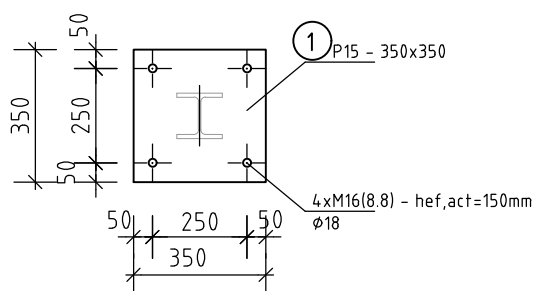
15c/Z - ANCHOR PLATE FOR HEAVY SLIDING DOOR, EDGE

15d/Z - ANCHOR PLATE FOR HEAVY SLIDING DOOR, CENTRAL

TERM	SCHEMATIC DISPLAY DESCRIPTION	DIMENSION [mm]	NORM	NO. pieces [m']	WEIGHT (+RESERVE 10%) [kg]	SURFACE FINISH, COATING	NOTE
1	2	3	4	5	6	7	
15c Z	ANCHOR PLATE OF THE BEAM - HEAVY DOOR: - MATERIAL: -PLATECON: STRUCTION STEEL S235 -ANCHOR 8.8 - CONSTRUCTION ELEMENTS OF ANCHOR PLATE ARE PROVIDE BY PROTECTIVE COATING - DIMENSIONS OF ELEMENTS LOOK AT THE SCHEMA AND LIST OF ITEMS - EFFECTIVE HEIGHT OF CORNER WELD SEE SCHEME	SEE SCHEME	-	2	28,86 (31,75)	OUTER SURFACE OF ITEM COVERED BY EPOXY COATING, RAL 9005 - BLACK	-
15d Z				1	21,98 (24,18)		

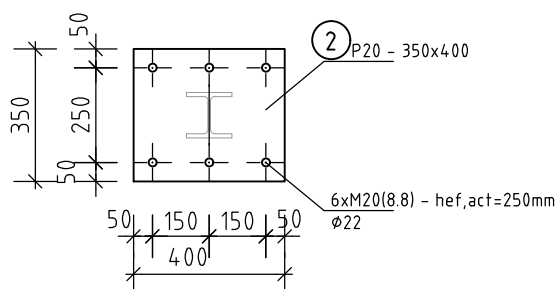
SCHEME: 15c/Z

VIEW
M 1: 20



SCHEME: 15d/Z

VIEW
M 1: 20



NOTE:

STEEL PLATE WILL BE ANCHORED TO THE WALL BLOCKS BY CHEMICAL ANCHORS HILTI HIT-RE 500V3 + HIT-V(8.8) M16 FOR 15c AND CHEMICAL ANCHORS HILTI HIT-RE 500V3 + HIT-V(8.8) M20 FOR 15d.

LIST OF ITEMS

TERM	DESCRIPTION OF ELEMENT	NO. [pcs]	LENGTH [mm]	WEIGHT [kg/m]	WEIGHT [kg/pcs]	TOTAL WEIGHT [kg]
①	STEEL PLATE P15 -350/350	2	-	-	14,43	28,86
②	STEEL PLATE P20-350/400	1	-	-	21,98	21,98
	CHEMICAL ANCHOR M16x220	8	220	-	-	-
	CHEMICAL ANCHOR M20x320	6	320	-	-	-

Prepared by M. Šaár

Checked by Z. Vaněček

File 015_ess-0461624_dd_civil_locksmith_r01.dwg

Drawing title

LIST OF LOCKSMITH PRODUCTS

Drawing type

STAR



ÚJV Řež, a. s.
Hlavní 130, Řež
250 68 Husinec

ENERGOPROJEKT
PRAHA

Archive no.

EGP5043D181795

Sheet

18/22

Index

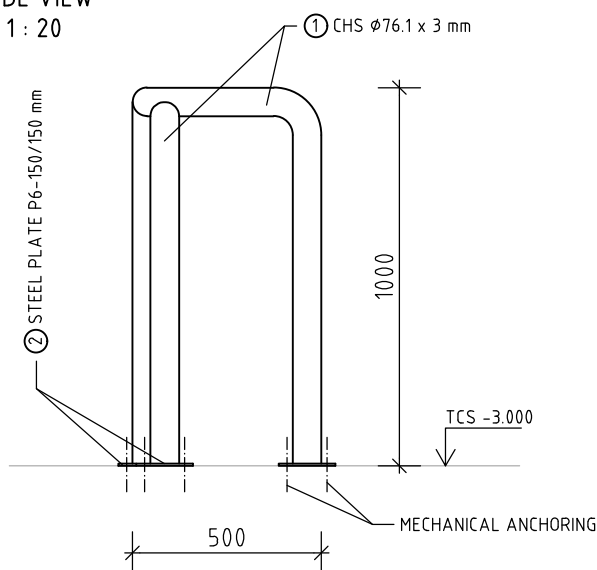
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16a/Z - PROTECTIVE BARRIER

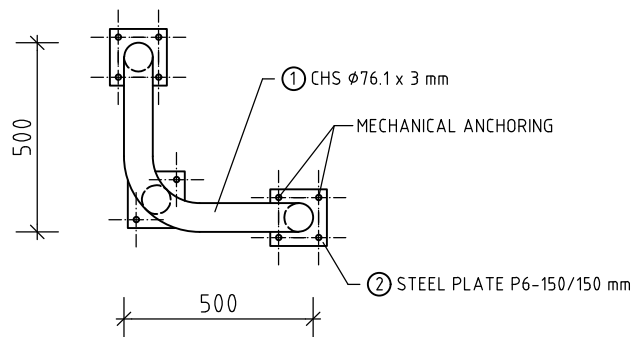
TERM	SCHEMATIC DISPLAY DESCRIPTION	DIMENSION [mm]	NORM	NO. pieces [m']	WEIGHT (+RESERVE 10%) [kg]	SURFACE FINISH, COATING	NOTE
1	2	3	4	5	6	7	
16a Z	PROTECTIVE BARRIER: - MATERIAL: CONSTRUCTION STEEL S235 - CONSTRUCTION ELEMENTS ARE PROVIDED BY PROTECTIVE COATING (YELLOW / BLACK COMBINATION) - DIMENSIONS OF ELEMENTS LOOK AT THE SCHEMA AND LIST OF ITEMS - EFFECTIVE HEIGHT OF CORNER WELD MIN. THICKNESS OF CONNECTED MATERIAL	SEE SCHEME	-	2	49,64 (54,60)	EPOXY COATING, STRIPES: RAL 9005 - BLACK, RAL 1028 - YELLOW	-

SCHEME: 16a Z

SIDE VIEW
M 1 : 20



GROUNDPLAN
M 1 : 20




NOTE:

THE PROTECTIVE BARRIER CAN BE REPLACED WITH A TYPE PRODUCT OF SIMILAR DIMENSIONS.

LIST OF ITEMS (FOR ONE pc)

TERM	DESCRIPTION OF ELEMENT	NO. [pcs]	LENGTH [mm]	WEIGHT [kg/m]	WEIGHT [kg/pcs]	TOTAL WEIGHT [kg]
1	STEEL TUBE Ø76,1 x 3 mm	1	4000 (TOT.)	5,41	21,64	21,64
2	STEEL PLATE P6-150/150	3	-	-	1,06	3,18
	MECHANICAL ANCHOR M8	12	-	-	-	-

Prepared by M. Šaár	Checked by Z. Vaněček	File 015_ess-0461624_dd_civil_locksmith_r01.dwg
Drawing title	LIST OF LOCKSMITH PRODUCTS	
Drawing type	STAR	
 ÚJV Řež, a. s. Hlavní 130, Řež 250 68 Husinec	ENERGOPROJEKT PRAHA	Archive no. EGP5043D181795
Sheet 19/22	Index B	

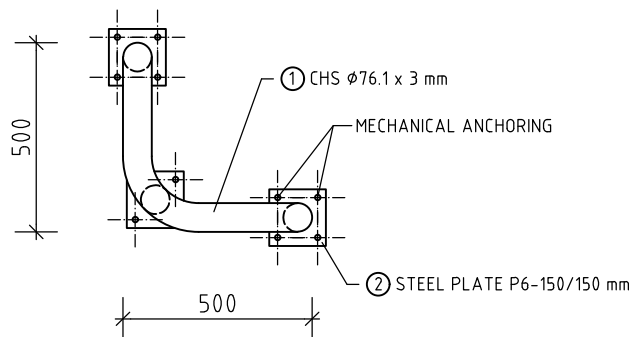
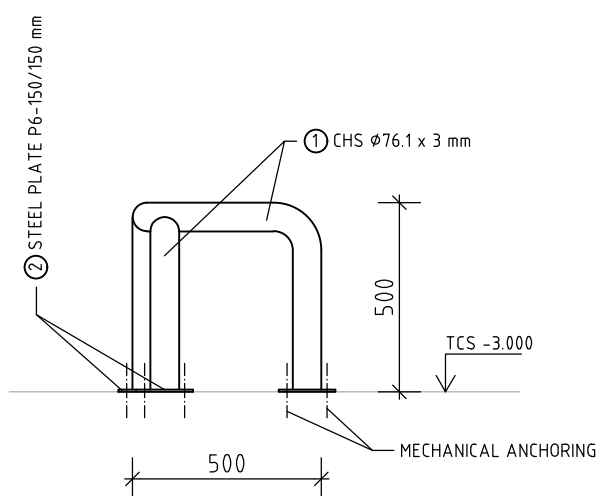
16b/Z - PROTECTIVE BARRIER

TERM	SCHEMATIC DISPLAY DESCRIPTION	DIMENSION [mm]	NORM	NO. pieces [m']	WEIGHT (+RESERVE 10%) [kg]	SURFACE FINISH, COATING	NOTE
1	2	3	4	5	6	7	
16b Z	PROTECTIVE BARRIER: - MATERIAL: CONSTRUCTION STEEL S235 - CONSTRUCTION ELEMENTS ARE PROVIDED BY PROTECTIVE COATING (YELLOW / BLACK COMBINATION) - DIMENSIONS OF ELEMENTS LOOK AT THE SCHEMA AND LIST OF ITEMS - EFFECTIVE HEIGHT OF CORNER WELD MIN. THICKNESS OF CONNECTED MATERIAL	SEE SCHEME	-	2	28,00 (30,80)	EPOXY COATING, STRIPES: RAL 9005 - BLACK, RAL 1028 - YELLOW	-

SCHEME: 16b Z

SIDE VIEW
M 1 : 20

GROUNDPLAN
M 1 : 20



NOTE:

THE PROTECTIVE BARRIER CAN BE REPLACED WITH A TYPE PRODUCT OF SIMILAR DIMENSIONS.

LIST OF ITEMS (FOR ONE pc)

TERM	DESCRIPTION OF ELEMENT	NO. [pcs]	LENGTH [mm]	WEIGHT [kg/m]	WEIGHT [kg/pcs]	TOTAL WEIGHT [kg]
1	STEEL TUBE Ø76,1 x 3 mm	1	2000 (TOT.)	5,41	10,82	10,82
2	STEEL PLATE P6-150/150	3	-	-	1,06	3,18
	MECHANICAL ANCHOR M8	12	-	-	-	-

Prepared by M. Šaár	Checked by Z. Vaněček	File 015_ess-0461624_dd_civil_locksmith_r01.dwg
Drawing title	LIST OF LOCKSMITH PRODUCTS	
Drawing type	STAR	
 ÚJV Řež, a. s. Hlavní 130, Řež 250 68 Husinec	ENERGOPROJEKT PRAHA	Archive no. EGP5043D181795
Sheet 20/22	Index B	

4

B

C



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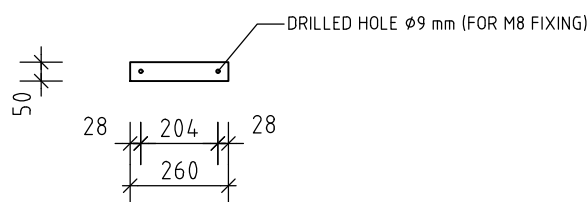
A4 1A4 297x210

18/Z - SOCKET BOX ANCHOR PROFILE

TERM	SCHEMATIC DISPLAY	DIMENSION [mm]	NORM	NO. pieces	WEIGHT (+RESERVE 10%) [kg]	SURFACE FINISH, COATING	NOTE
	DESCRIPTION			[m']			
1	2	3	4	5	6	7	
18 Z	SOCKET BOX ANCHOR PROFILE: - MATERIAL: CONSTRUCTION STEEL S235 - ELEMENTS ARE PROVIDED BY PROTECTIVE COATING - DIMENSIONS: STEEL PLATE P4x260-50 - EFFECTIVE HEIGHT OF CORNER WELD MIN. THICKNESS OF CONNECTED MATERIAL	SEE SCHEME	-	6	2,45 (2,70)	EPOXY COATING, RAL 9005 - BLACK	-

SCHEME: 18/Z

VIEW
M 1 : 20



19/Z - SHIELDING STEEL PLATE

TERM	SCHEMATIC DISPLAY	DIMENSION [mm]	NORM	NO. pieces	WEIGHT (+RESERVE 5%) [kg]	SURFACE FINISH, COATING	NOTE
	DESCRIPTION			[m']			
1	2	3	4	5	6	7	
19 Z	SHIELDING STEEL PLATE: - MATERIAL: CONSTRUCTION STEEL S235 - ELEMENTS ARE PROVIDED BY PROTECTIVE COATING - DIMENSIONS: STEEL PLATE P50x2550-550 - ANCHORING WITH SHIELDING CONCRETE PARTITION: CHEMICAL ANCHORS	SEE SCHEME	-	1	550,48 (578,01)	EPOXY COATING, RAL 7004 - SIGNAL GREY	-

Prepared by M. Šaár

Checked by Z. Vaněček

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Drawing title

LIST OF LOCKSMITH PRODUCTS

Drawing type

STAR



ÚJV Řež, a. s.
Hlavní 130, Řež
250 68 Husinec

**ENERGOPROJEKT
PRAHA**

Archive no.

EGP5043D181795

Sheet

22/22

Index

B