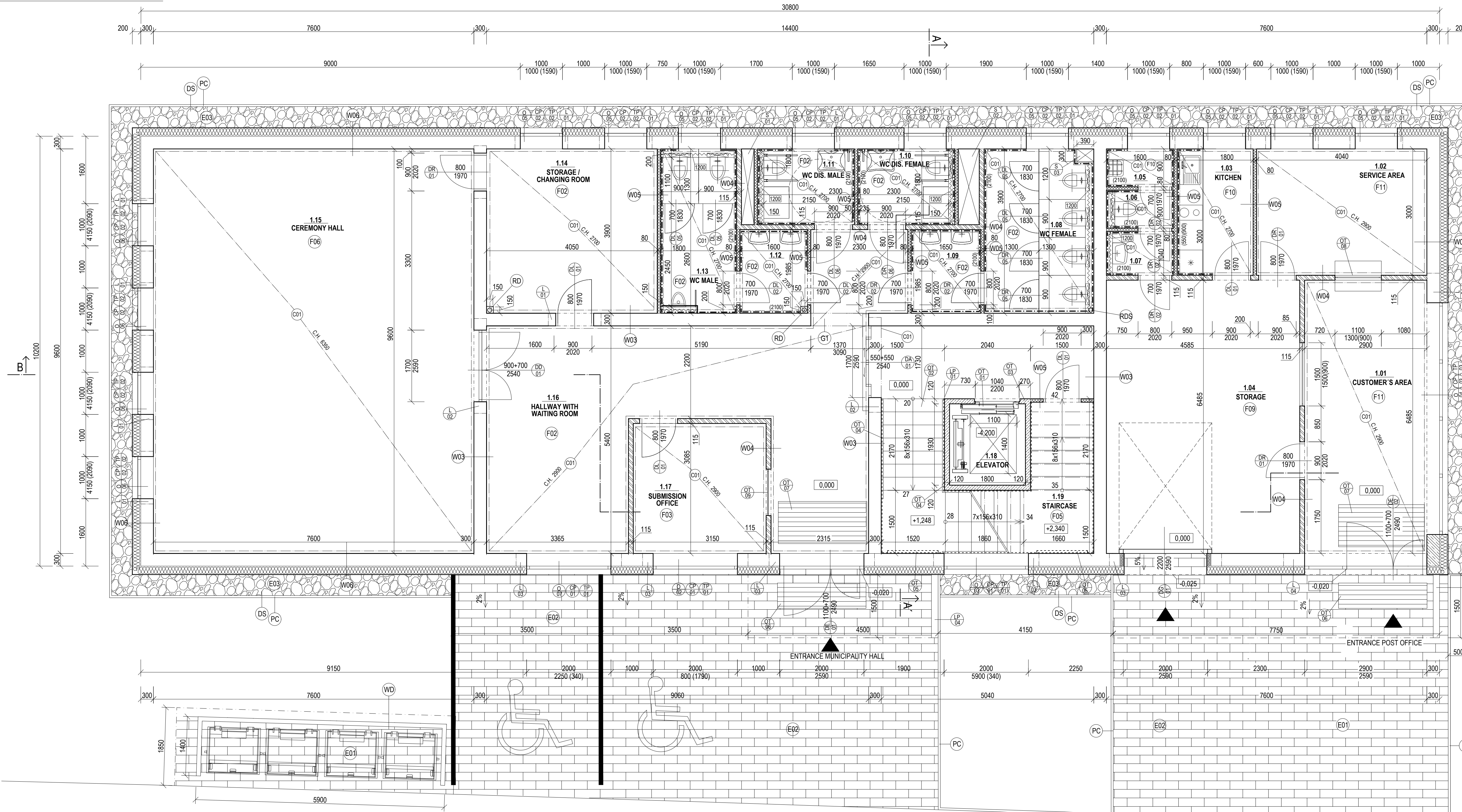


D.1.1.02 1.NP FLOOR PLAN



SCHEDULE OF ROOMS:

NUMBER	NAME OF THE ROOM	AREA (m ²)	CLEAR HEIGHT (mm)	FLOOR FINISH	WALL FINISH	CEILING FINISH	NOTES
POST OFFICE							
1.01	CUSTOMER'S AREA	18.80	2900	CERAMIC TILES, th.8mm	LIME-CEMENT CORE PLASTER WITH STUCCO PLASTER th.15mm	PLASTERBOARD CASSETTE CEILING	CERAMIC PLINTH, th.100mm
1.02	SERVICE AREA	12.12	2900	CERAMIC TILES, th.8mm	LIME-CEMENT CORE PLASTER WITH STUCCO PLASTER th.15mm	PLASTERBOARD CASSETTE CEILING	CERAMIC PLINTH, th.100mm
1.03	KITCHEN	5.40	2700	CERAMIC TILES, th.8mm	LIME-CEMENT CORE PLASTER WITH STUCCO PLASTER th.15mm	PLASTERBOARD CASSETTE CEILING	CERAMIC PLINTH, th.100mm
1.04	STORAGE	29.73	3290	EPOXY COATING	LIME-CEMENT CORE PLASTER WITH STUCCO PLASTER th.15mm	SPIROLL PANEL + ACRYLATE PAINT	STAINLESS STEEL PLINTH PROFILE, th.100mm
1.05	CLEANING ROOM	1.44	2700	CERAMIC TILES, th.8mm	CERAMIC TILES, th.8mm	PLASTERBOARD CASSETTE CEILING	CERAMIC PLINTH, th.100mm
1.06	TOILET	1.26	2700	CERAMIC TILES, th.8mm	CERAMIC TILES, th.8mm	PLASTERBOARD CASSETTE CEILING	CERAMIC PLINTH, th.100mm
1.07	BATHROOM	1.66	2700	CERAMIC TILES, th.8mm	CERAMIC TILES, th.8mm	PLASTERBOARD CASSETTE CEILING	CERAMIC PLINTH, th.100mm
MUNICIPAL HALL							
1.08	WC FEMALE	9.29	2700	CERAMIC TILES, th.8mm	CERAMIC TILES, th.15mm	PLASTERBOARD CASSETTE CEILING	CERAMIC PLINTH, th.100mm
1.09	BATHROOM FEMALE	3.27	2700	CERAMIC TILES, th.8mm	CERAMIC TILES, th.15mm	PLASTERBOARD CASSETTE CEILING	CERAMIC PLINTH, th.100mm
1.10	WC DISABLED FEMALE	3.87	2700	CERAMIC TILES, th.8mm	CERAMIC TILES, th.15mm	PLASTERBOARD CASSETTE CEILING	CERAMIC PLINTH, th.100mm
1.11	WC DISABLED MALE	3.87	2700	CERAMIC TILES, th.8mm	CERAMIC TILES, th.15mm	PLASTERBOARD CASSETTE CEILING	CERAMIC PLINTH, th.100mm
1.12	BATHROOM MALE	3.18	2700	CERAMIC TILES, th.8mm	CERAMIC TILES, th.15mm	PLASTERBOARD CASSETTE CEILING	CERAMIC PLINTH, th.100mm
1.13	WC MALE	6.66	2700	CERAMIC TILES, th.8mm	CERAMIC TILES, th.15mm	PLASTERBOARD CASSETTE CEILING	CERAMIC PLINTH, th.100mm
1.14	STORAGE/CHANGING ROOM	15.79	2700	CERAMIC TILES, th.8mm	LIME-CEMENT CORE PLASTER WITH STUCCO PLASTER th.15mm	PLASTERBOARD CASSETTE CEILING	CERAMIC PLINTH, th.100mm
1.15	CEREMONY HALL	72.96	6350	WOODEN FLOORING, th.10mm	LIME-CEMENT CORE PLASTER WITH STUCCO PLASTER th.15mm	PLASTERBOARD CASSETTE CEILING	WOODEN PLINTH, th.100mm
1.16	HALLWAY WITH WAITING ROOM	52.33	2900	CERAMIC TILES, th.8mm	LIME-CEMENT CORE PLASTER WITH STUCCO PLASTER th.15mm	PLASTERBOARD CASSETTE CEILING	CERAMIC PLINTH, th.100mm
1.17	SUBMISSION OFFICE	9.72	2900	VINYL FLOORING, th.3mm	LIME-CEMENT CORE PLASTER WITH STUCCO PLASTER th.15mm	PLASTERBOARD CASSETTE CEILING	PVC SKIRTING BOARD, th.100mm
1.18	ELEVATOR	3.47	-	-	-	-	-
1.19	STAIRCASE	13.94	-	CERAMIC TILES, th.8mm	LIME-CEMENT CORE PLASTER WITH STUCCO PLASTER th.15mm	SPIROLL PANEL + ACRYLATE PAINT	CERAMIC PLINTH, th.100mm
SUM OF AREAS		268.76					

SCHEDULE OF LINTELS AND GIRDERS:

SYMBOL	NAME OF THE LINTEL	SCHEME	DIMENSIONS WxHxL (mm)	MIN. OVERLAP (mm)	No. OF LINTELS PER 1 ASSEMBLY	No. OF ASSEMBLIES	TOTAL No. OF ELEMENTS
01	CERAMIC LINTEL KP 7		70x238x1250	125	4	11	44
02	CERAMIC LINTEL KP 7		70x238x2250	200	4	2	8
03	CERAMIC LINTEL KP 7		70x238x2500	250	4	4	16
04	RFC LINTEL, PART OF THE RFC RING		300x500x6750 / 3700	500	1	1	1
G1	RFC GIRDER, PART OF RFC RING		300x200x1370	-	1	1	1

NOTES:

- DIMENSIONING IS DONE IN COORDINATION / MODULAR DIMENSIONS
- DETAILS ABOUT MATERIALS AND COMPOSITIONS ARE IN LIST OF COMPOSITIONS
- DETAILS ABOUT ELEMENTS ARE IN LIST OF ELEMENTS
- ELEVATOR WILL BE DESIGNED IN SEPARATE PROJECT DOCUMENTATION (NOT PART OF THIS WORK)
- ELEVATOR SHAFT AND STAIRCASE ARE PREFABRICATED, STAIRCASE IS ACoustically SEPARATED FROM OTHER LOAD-BEARING STRUCTURES BY SHOCK SYSTEM
- STAIRCASE HALF-LANDING IS PLACED ONTO L PROFILE SECURED BY CHEMICAL ANCHORS
- STAIRCASE IS DILATED FROM OTHER STRUCTURES BY 25mm THICK DILATATION GAP FILLED WITH SYLOMER MAT AGAINST IMPACT SOUND, SYLOMER MAT IS ALSO ON PARTS WHERE STAIRCASE MEETS WITH SLAB/LANDING
- ALL REINFORCED CONCRETE ELEMENTS WILL BE DESIGNED ACC TO STRUCTURAL DESIGN DESIGNED BY CHARTERED ENGINEER (NOT PAR OF THIS WORK)
- PASSAGES OF ENGINEERING NETWORKS WILL BE DONE ACC. TO PART D.1.4 BUILDING TECHNICAL SOLUTION (NOT PART OF THIS WORK) IN CASE THEY ARE PASSING THROUGH FIRE DEPARTMENTS, THEY WILL BE PROPERLY FIRE-SEALED ACC TO D.1.3 FIRE SAFETY - TECHNICAL REPORT
- LEVELING CEMENT SCREED WILL BE DILATED FROM ALL VERTICAL STRUCTURES BY PE STRIP th.10mm
- IN AREAS BIGGER THAN 36m² IT IS ESSENTIAL TO CREATE CONTRACTION JOINTS DEEP 1/3 OF THICKNESS OF LEVELING CEMENTSCREED, AFTER VOLUME CHANGES WILL BE JOINTS FILLED WITH EPOXY
- INSTALLATION SERVICES T2B WILL BE LED THROUGH SHAFT AND PREWALLS
- SANITARY ELEMENTS NEAR SDK PREWALLS WILL BE HANGED ON STEEL SELF-SUPPORTING MOUNTING
- CONSTRUCTIONS GERBET DUOFIX
- WC PREWALLS WILL HAVE HEIGHT 1500mm, COVERED BY TILES
- FIRST ROW OF CERAMIC BLOCKS WILL BE MADE OF „STARTER“, BLOCKS PLACED ONTO MORTAR BED th.10mm
- WATERPROOFING AND PLINTH INSULATION XPS, WILL BE MIN 300mm ABOVE SURROUNDING TERRAIN
- WALL CONNECTIONS WILL BE MADE BY WALL TIES cca 20mm UNDER CEILING STRUCTURE, GAP WILL BE FILLED WITH PU FOAM
- BEFORE INSTALLATION OF DOORS AND WINDOWS, CONSTRUCTED OPENINGS ON SITE HAVE TO MEASURED
- WHEN INSTALLING LINTELS MIN. OVERLAPS WILL BE KEPT
- LINTELS WILL BE PLACED ONTO CEMENT BED 10mm THICK
- VENTILATION WILL BE ENSURED BY MECHANICAL VENTILATION
- ALL EXTERNAL FACADES WILL COMPLY WITH ETICS SYSTEM STANDARDS
- DURING ALL CONSTRUCTION WORKS IT IS IMPORTANT TO FOLLOW LEGAL REGULATION, NORMS, TECHNOLOGICAL PROCEDURES AND BOZP

LEGEND OF MATERIALS:

- LOAD-BEARING WALL FROM CERAMIC BLOCKS POROTHERM 30 PROFIL, th. 300mm, LxWxH 247x300x249mm, LAID ON THIN MORTAR JOINT, R_w=48dB, REI 180 DP1
- PARTITION WALL FROM CERAMIC BLOCKS POROTHERM 11.5 PROFIL, th. 115mm, LxWxH 497x115x249mm, LAID ON THIN MORTAR JOINT, R_w=43dB, EI 120 DP1
- PARTITION WALL FROM CERAMIC BLOCKS POROTHERM 8 PROFIL, th. 80mm, LxWxH 497x80x249mm, LAID ON THIN MORTAR JOINT, R_w=38dB, EI 90 DP1
- PLASTERBOARD INSTALLATION PREWALL, FREE STANDING, RIGIPS 3.22.00a th. min 150mm, ON STEEL PROFILES R-CW 50, R-UW 50, COATED BY IMPREGNATED SDK BOARDS 2xRBI (H2) th.12.5mm, WITHOUT MINERAL WOOL INSULATION, SEE LIST OF COMPOSITIONS
- PREFABRICATED ELEVATOR SHAFT, th. 120mm, REINFORCED CONCRETE C35/45 XC2, STEEL B500B DESIGNED ACCORDING TO STRUCTURAL DESIGN (NOT PART OF THIS PD), REI 180 DP1
- REINFORCED CONCRETE C25/30, STEEL B50B
- FACADE THERMAL INSULATION FROM MINERAL WOOL, th.200mm, STRENGTH 30 kPa, λ₀=0.034 W/mK
- WATERPROOFING - 2x SBS MODIFIED ASPHALT FELT WITH GLASS FIBRE, th. 2x4mm
- PAVED AREAS - INTERLOCKING CONCRETE TILES
- DRAINAGE STRIP - GRAVEL 32/63mm

LEGEND OF SYMBOLS:

- WALL COMPOSITION, SEE LIST OF COMPOSITIONS
- FLOOR COMPOSITION, SEE LIST OF COMPOSITIONS
- ROOF COMPOSITION, SEE LIST OF COMPOSITIONS
- EXTERIOR COMPOSITION, SEE LIST OF COMPOSITIONS
- CEILING COMPOSITION, SEE LIST OF COMPOSITIONS
- GIRDER, SEE LEGEND OF LINTELS
- LINTEL, SEE LEGEND OF LINTELS
- INTERNAL LEFT-HANDED DOORS, SEE LIST OF ELEMENTS
- INTERNAL RIGHT-HANDED DOORS, SEE LIST OF ELEMENTS
- INTERNAL DOUBLE DOOR, SEE LIST OF ELEMENTS
- INTERNAL AUTOMATIC DOORS, SEE LIST OF ELEMENTS
- EXTERNAL DOORS, SEE LIST OF ELEMENTS
- GARAGE DOORS, SEE LIST OF ELEMENTS
- CARPENTRY PRODUCTS, SEE LIST OF ELEMENTS
- TINSMITH PRODUCTS, SEE LIST OF ELEMENTS
- LOCKSMITH PRODUCTS, SEE LIST OF ELEMENTS
- EXTERNAL OPENING, SEE LIST OF ELEMENTS
- INSTALLATION SHAFT, INTERNAL DIMENSIONS 1800x500mm
- INSTALLATION SHAFT, INTERNAL DIMENSIONS 1800x300mm
- INSTALLATION SHAFT, INTERNAL DIMENSIONS 300x390mm, COVERED BY PLASTERBOARD th. 12.5mm
- RAINWATER DRAIN PIPE 150x150, DN100, DILATED BY MINERAL WOOL 25mm, COVERED BY PLASTERBOARD 12.5mm, SEE LIST OF ELEMENTS
- PASSAGE OF ENGINEERING NETWORKS
- ELECTRIC ELEVATOR KONE MONOSPACE 300 DX, WITHOUT MACHINE ROOM, CABIN DIMENSIONS 1400x1100mm, HEIGHT OF CABIN 2100mm, SEE LIST OF ELEMENTS
- PREFABRICATED STAIRCASE, SEE LIST OF ELEMENTS
- PREFABRICATED ELEVATOR SHAFT, DIMENSIONS 2040x2170mm, WALL THICK 120mm, SEE LIST OF ELEMENTS
- STAIRCASE DILATATION GAP 25mm FILLED WITH IMPACT SOUND INSULATION, SYLOMER MAT
- CHEMICAL ANCHOR AND LOAD-BEARING L PROFILE WITH IMPACT SOUND INSULATION, SEE LIST OF ELEMENTS
- EXTERNAL CLEANING AREA - ALUMINUM RUBBER MAT
- INTERNAL CLEANING AREA - ALUMINUM RUBBER MAT
- SECURITY GLASS PARTITION WALL WITH OPENING, SEE LIST OF ELEMENTS
- OPENING WITH SECURITY GLASS, SEE LIST OF ELEMENTS
- CONCRETE PAVEMENT CURB, th. 50mm
- DRAINAGE STRIP - GRAVEL 32/63mm, WIDE 500mm, ENDED WITH CONCRETE CURB
- AREA FOR WASTE DISPOSAL, METAL CONSTRUCTION COVERED BY METAL SLOPED ROOF, PAVED BY INTERLOCKING TILES, LOCKABLE

0,000 = 240,24 m.a.s.l., B.H.S. / COORDINATE SYSTEM S-JTSK

COURSE	DIPLOMA THESIS	
DRAWN BY	BARBORA HUŠÁROVÁ	
SUPERVISED BY	ING. JAN MÜLLER PH.D.	
INVESTOR		
LOCATION	POŘADÍ: 687 51 NIVNICE, PARCELS No. 65, 64, 63, 61, 57	PAPER FORMAT 1260x420 DATE 01/2025 PROJ. PHASE DPS SCALE 1:50 DRAWING NO. D.1.1.02
PROJECT TITLE	MUNICIPAL CENTRE IN NIVNICE	
BUILDING OBJECT	BO 01 MUNICIPAL CENTRE	
PART	D.1.1 ARCHITECTURAL BUILDING SOLUTION	
DRAWING TITLE	FIRST GROUND FLOOR PLAN	