RALSKO AI CAMPUS

FINDOME s.r.o.
Ralsko, k.ú. Kuřívody

CONTENT PAGE No.

TAKENAKA INTRODUCTION

About TAKENAKA

Over 400 years in Japan

Over 17 generations

In the year 1610, TAKENAKA was founded by Tobei Masataka Takenaka, a shrine carpenter.

He was responsible for the construction and maintenance of the buildings of the feudal family Oda.

With a rich history which spans more than 400 years TAKENAKA is known today as one of the biggest Construction companies in Japan.

50 years in Europe

13 branches all over Europe

Our European success story began with the founding of TAKENAKA EUROPE GmbH's in Dusseldorf in 1973.

Today we have 13 branches all over Europe which design and implement many complex buildings with demanding requirements.

More than 7,700 employees

Over 2400 architects

Takenaka has more than 7,700 highly qualified professionals.

All of us take great pride in architectural craftsmanship, as opposed to being an ordinary business merely selling products or services.

Accordingly, we pioneered quality management activities in the construction industry, and our passion for quality has received high praise over the years, such as being the first company in to be awarded the Deming Prize

Design & Build

65% of our sales in 2022
2022 annual sales : 8.5 Bil €

We traditionally offer "Design & Build" as a complete package.

As our core competency it provides you the great benefit to have only one contract for the entire execution of your project.

You as a client do not have to take over any coordination tasks and the schedule and handover date will be fixed and ensured by us.

Connected all over Europe

Branches of Takenaka Europe

Cross Border

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Korean Business Unit Leader

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EXPERIENCE OUR PROJECTS

Europe

Factory

Mercedes Benz Factory

Factory

Jaguar and Land Rover

Office

KIA Motors Headquarters

Office

Lakeside Park Office

R&D

Hyundai Motors R&D Center

Fitout

Amazon HQ

Residential

Residence Piskova

Takenaka investments

One Fleet Place

EXPERIENCE OUR PROJECTS

Japan

Commercial

Maison HERMES

Commercial

PRADA Aoyama

High-rise

Abeno Harukas

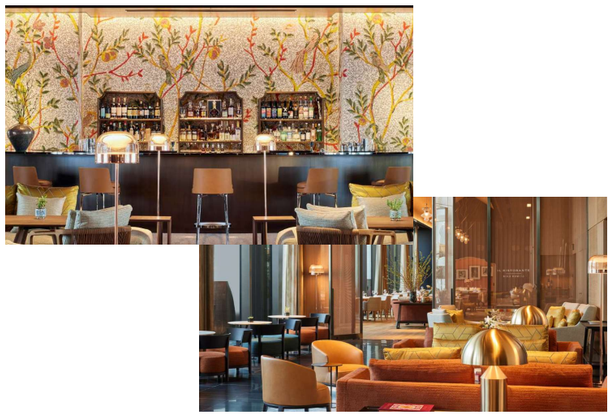
Office

ROLEX Osaka Building

Showroom

EQ House/Mercedes

Hotel

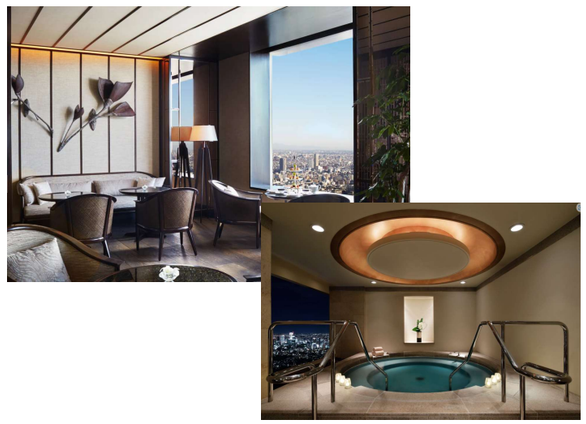


BVLGARI Hotel Tokyo

Hotel

Park Hyatt Kyoto

Hotel



The Ritz-Carlton Tokyo

Public

Tokyo Tower

TAKENAKA EUROPE GmbH – Czech Branch – History

Company establishment in Prague – Evropska Business Centre Office

Change of Location – New Office in Prague – Argo Office Centre

20 years Anniversary Celebration

Czech Branch Key Milestones

1996 | 1997 | 2005 | 2008 | 2015 | 2016 | In to the future

Panasonic/Matsushita New Factory Project in Pilsen

TPCA (Toyota Peugeot Citroen Automobiles) New Manufacturing Plant in Kolin

HMMC (Hyundai Motors Manufacturing Company) New Manufacturing Plant in Nosovice

Czech Branch Key Reference Projects

- Almost 30 years tradition on the Czech construction market (established in 1996).
- Headquarter in Prague and wide network of site offices in key industrial locations around the Czech Republic.
- More than 100 experienced professionals including Japanese specialists and other nationalities.
- Stable yearly turnover in 2015 – 2023 around 2 bil. CZK (approx. 85 mil. EUR), permanent profit and balanced economical results within last years.
- Successful completion more than 200 demanding construction projects for key international clients especially in industrial segment.
- One of leaders on the Czech market regarding to industrial construction projects such as factories, warehouses, logistic centres, showrooms, administration buildings, etc.
- Proven experience in special residential projects.
- Wide range of complex services as consultancy, design, engineering, executive construction services and facility management services.

- Efficient using the synergic effects of Worldwide TAKENAKA Corporation network in relation to personal & product support from European Headquarter, resp. from TAKENAKA Corporation.
- Providing the support with other branches in CEE region (Poland, Slovakia, Hungary and Romania).
- Focus is in accordance with company philosophy based on keeping of long-term relationship and strategic partnership with our key clients (especially Japanese, Korean and other international global clients) covering all aspects of construction activities including after services. Close co-operation with clients and creating long-time collective teams is base of our common success.
- Focus on automotive sector and other developing key sectors in the Czech Republic such as electronics, machinery, industrial automation, etc.
- Strong network of proven and reliable sub-suppliers and partners.
- Our clients appreciate especially high level of team-work, complexity of services, reasonable project schedules, unconditional keeping of quality & safety standards, and tailor-made solutions reflecting the various requirements and needs.

TAKENAKA QUALITY MANAGEMENT SYSTEM

THE “TAKENAKA WAY” OF QUALITY AND RELIABILITY OF OUR CONSTRUCTION WORKS AND SERVICES IS THE BASIS OF OUR SUCCESS WITH OUR CLIENTS ALL OVER EUROPE.

Takenaka Europe maintains a quality management system pursuant to ISO 9001:2008 in order to ensure high quality performance under different legal, market and working conditions all over Europe. Headquarters and branch offices in 12 countries are certified by Bureau Veritas Certification (BVC) to the scope “*Design, Engineering and Construction of Buildings*”.

In addition, several branches of Takenaka Europe have obtained certification of their safety or environmental management system.

Takenaka Europe Group certification **ISO 9001**

Checking for storage and damages

Checking delivery papers

Factory inspection at PC manufacturer

Concrete quality testing

Pouring concrete for ceiling

Testing concrete density

Check pipe welding

Check Roof joints

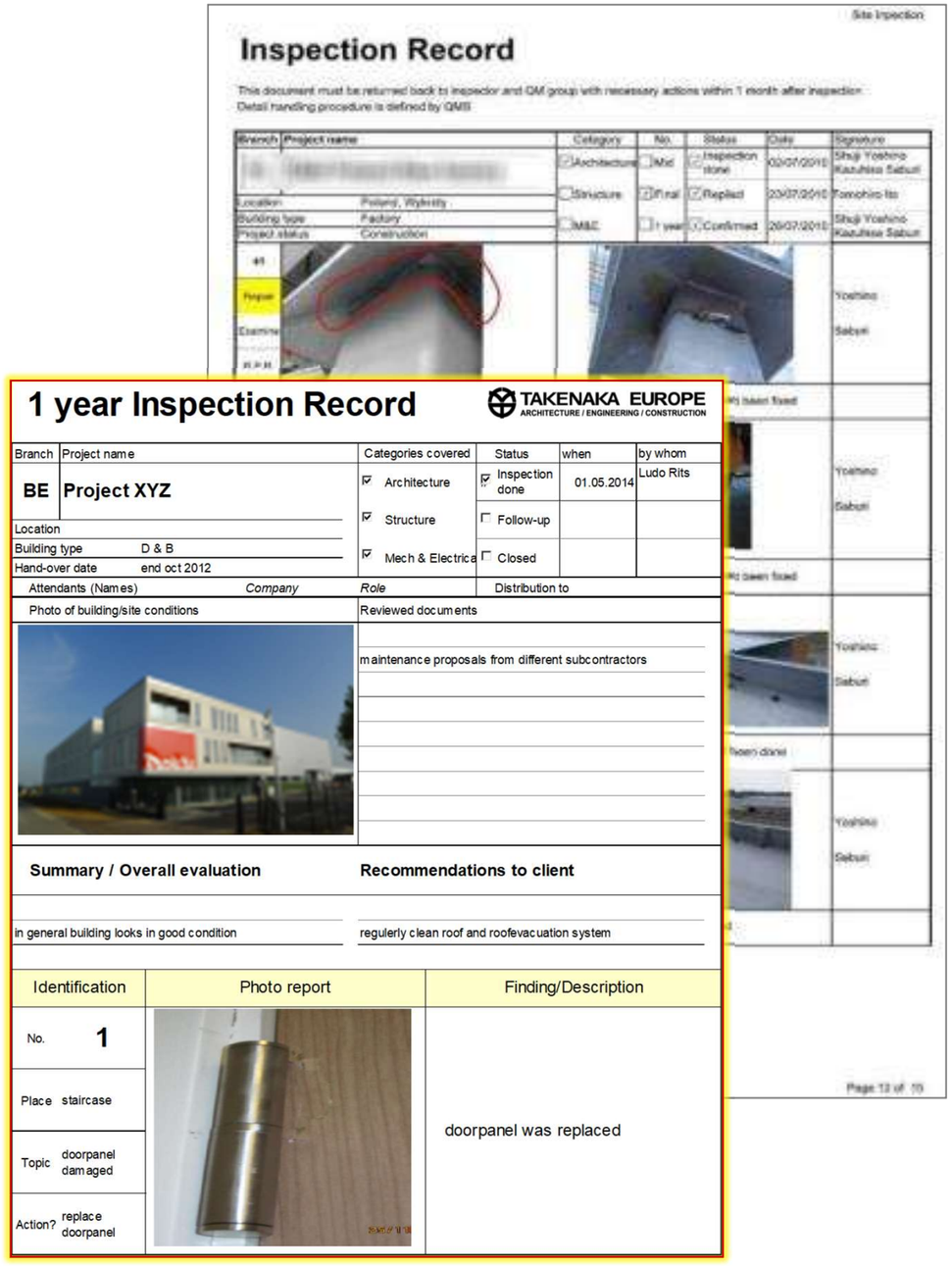
TAKENAKA QUALITY MANAGEMENT SYSTEM

Genchi gembutsu means
Go to site and see!

TAKENAKA does not only rely on reports from subcontractor but double-checks the results by its own personnel and prepares traceable records supported by photos.

Even after handover, projects stay in our focus.

- Follow-up Inspections after a given period of time (eg. 1 year
- Advice on maintenance issues (eg. Roof cleaning)
- Claim response within the contracted warranty agreements



Site Inspection

Inspection Record

This document must be returned back to inspector and QM group with necessary actions within 1 month after inspection
Detail handling procedure is defined by QMS

Branch	Project name	Category	No.	Status	Date	Signature
		☑ Architecture	☐ Mid	☑ Inspection done	02/07/2015	Shuji Yoshino Kazuhisa Sabuni
Location	Poland, Wybrzeży	☐ Structure	☑ Final	☑ Replied	23/07/2015	Tomohiro Ito
Building type	Factory	☐ M&E	☐ 1 year	☐ Confirmed	28/07/2015	Shuji Yoshino Kazuhisa Sabuni
Project status	Construction					

1 year Inspection Record — TAKENAKA EUROPE ARCHITECTURE / ENGINEERING / CONSTRUCTION

Branch	Project name	Categories covered	Status	when	by whom
BE	Project XYZ	☑ Architecture	☑ Inspection done	01.05.2014	Ludo Rits
Location		☑ Structure	☐ Follow-up		
Building type	D & B	☑ Mech & Electrica	☐ Closed		
Hand-over date	end oct 2012				

Attendants (Names)	Company	Role	Distribution to

Photo of building/site conditions	Reviewed documents
	maintenance proposals from different subcontractors

Summary / Overall evaluation	Recommendations to client
in general building looks in good condition	regulerly clean roof and roofevacuation system

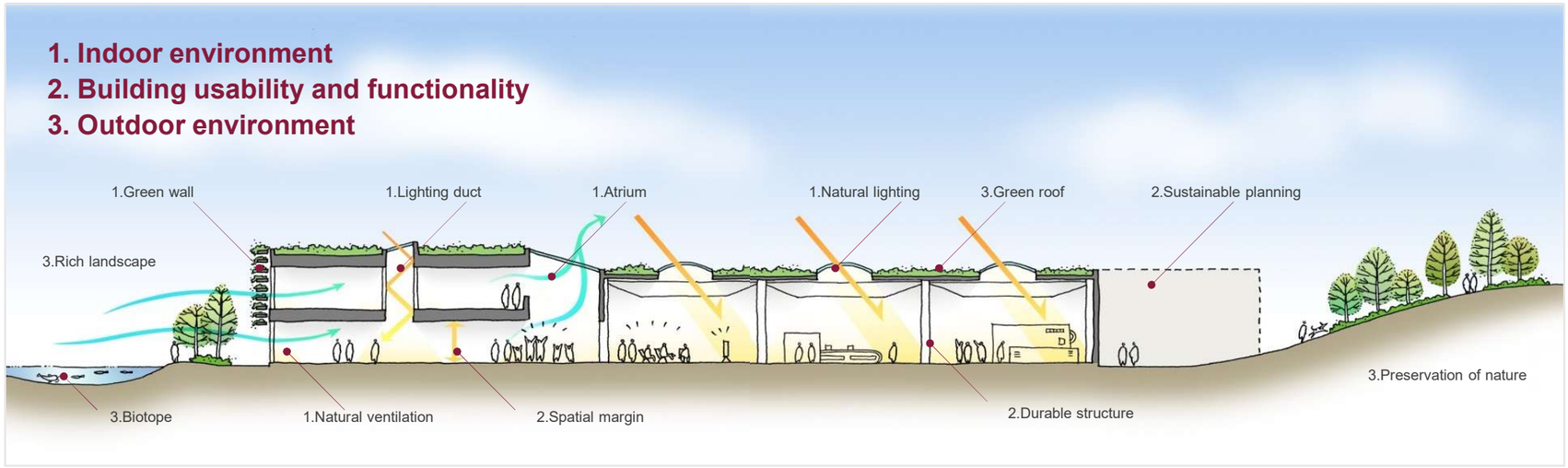
Identification	Photo report	Finding/Description
No. 1 Place staircase Topic doorpanel damaged Action? replace doorpanel		doorpanel was replaced

TAKENAKA GREEN POLICY

IMPROVING LIVING QUALITY

Improvement of living amenity for the building users.

Improvement of the living quality of a building can be seen from the following three perspectives:



1. Indoor Environment

„Comfortable working and living environment“

Court yard / Glass tower for natural lighting

Atrium

Comfortable cooling system

KEYWORDS:
Sound absorption, natural lighting, natural ventilation, ...

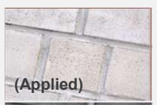
2. Building usability and functionality

„Consider lifecycle and long-term use“

Sustainable Planning

Flexible Layout

Easy Maintenance



KEYWORDS:
Durability & reliability, spatial margin, adaptability of floor layout, long-life material, …

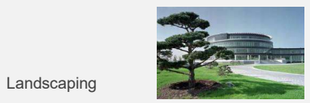
3. Outdoor environment

„Create, maintain and nurture rich landscapes“

Green roofs

Green facades

Landscaping



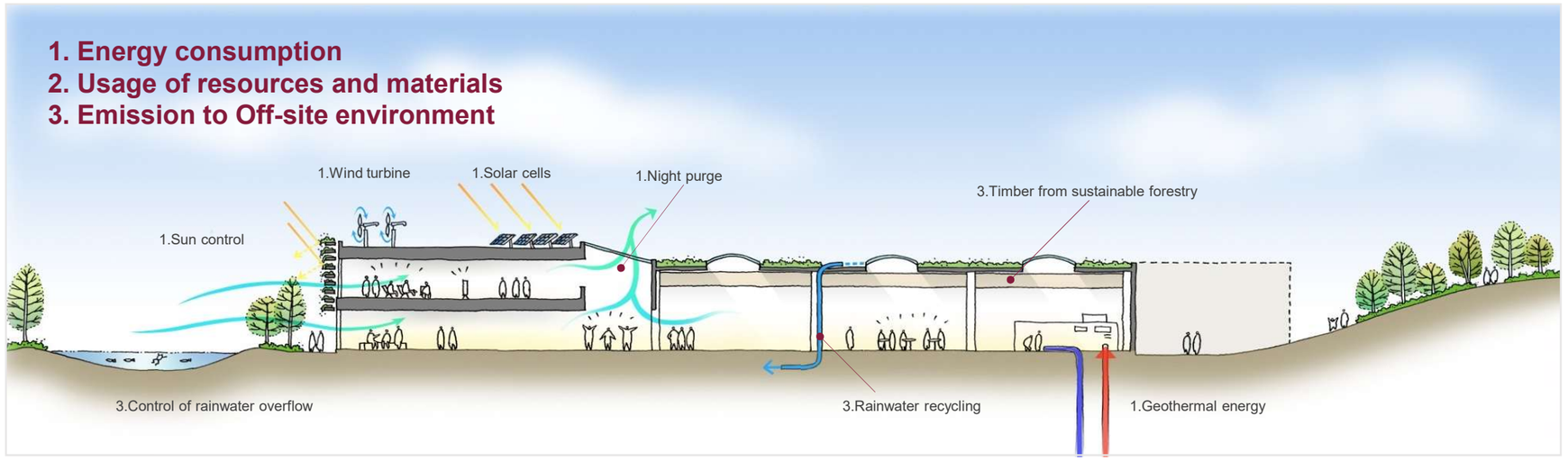
KEYWORDS
Extensive/intensive green, tree preservation, consideration to surrounding landscape, ...

TAKENAKA GREEN POLICY

REDUCING ENVIRONMENTAL LOAD

Reduce of negative aspects of environmental impact to the society

The environmental load by any building works that needs to be reduced can be addressed by the following three main categories:



1. Energy

„Efficient use of energy and alternative energy“

Double skin, low-E glass, Sunshine control (blinds, louver)

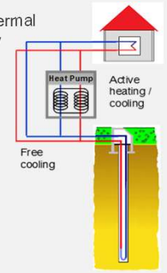
High efficient light, HVAC

Free cooling

Wind turbine

Solar cells

Geothermal energy



KEYWORDS
Light On/Off control by moving detector, night purge, natural ventilation, co-generation, heat recuperation, energy consumption monitoring, high thermal insulation, …

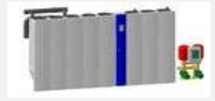
2. Resources & Materials

„Reduce, reuse, recycle materials“

Recycled materials

Waste separation

Grey water



Timber from sustainable forestry

Waterfree toilet system

KEYWORDS
Material reuse and recycle, minimum packaging, materials easy to dismantle, rain water reuse, …

3. Off-site environment

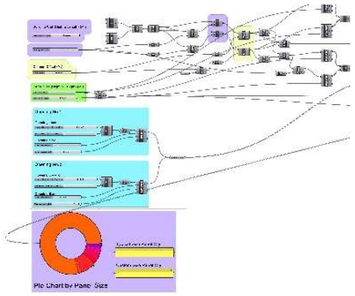
„Minimize pollution and emission“

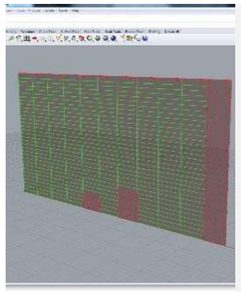
Afterburner

Control of rainwater overflow
Rainwater recycling

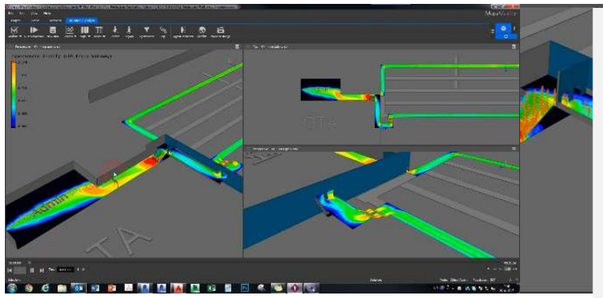
KEYWORDS
Emission monitoring, air treatment, low emission, …

TAKENAKA BIM MODELING

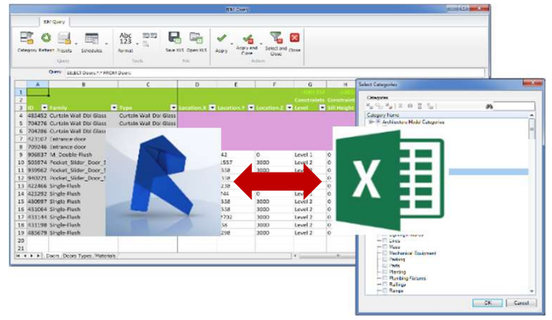




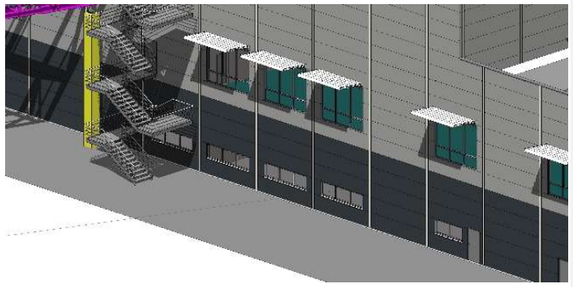
Computational Design by **Rhinoceros+ Grasshopper**



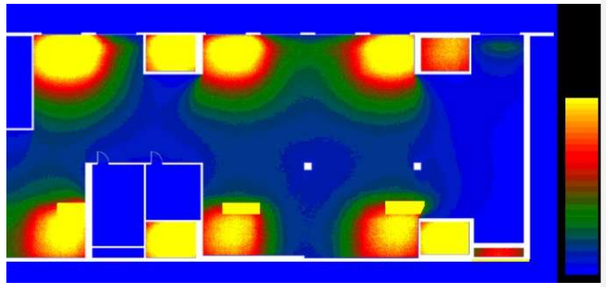
Pedestrian Simulation by **Massmotion**



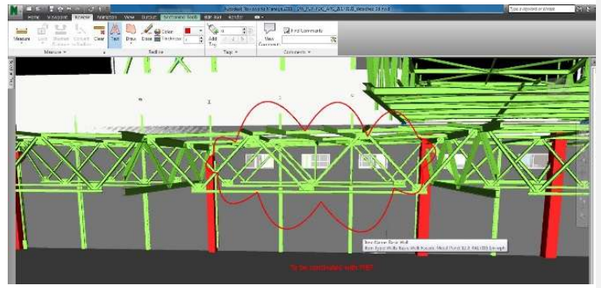
REVIT– EXCEL data exchange by **BIM Query**



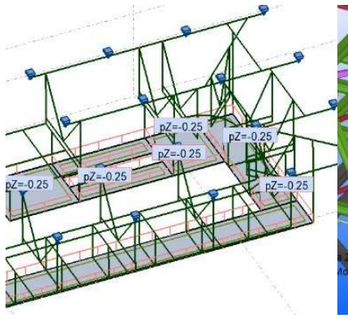
Solar Study by **REVIT**

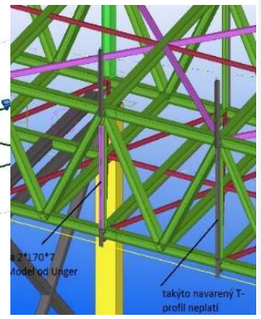


Lighting Simulation by **AUTODESK 360**



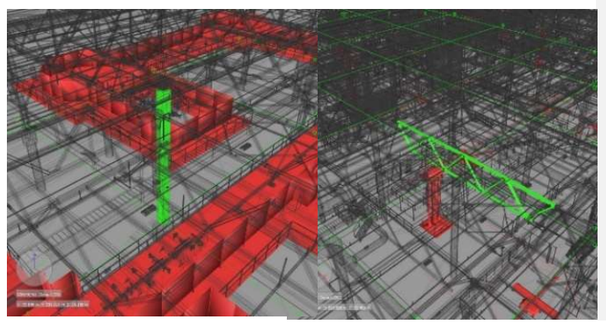
Interactive Meeting by **Navisworks + WebEx**





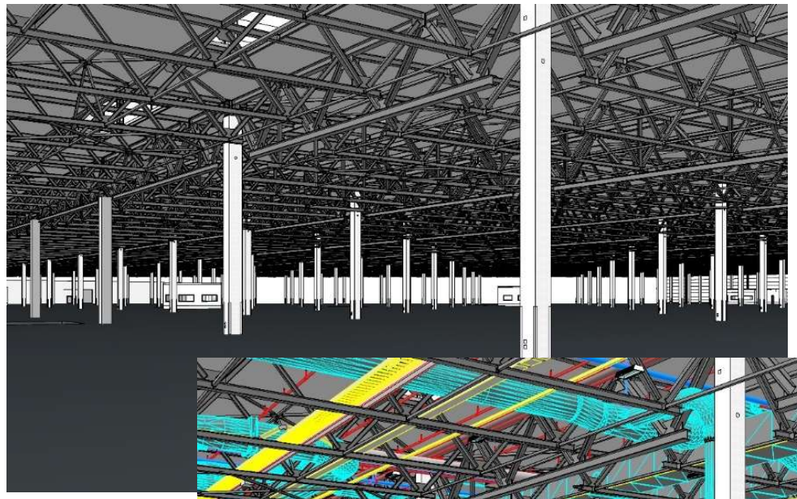
Structural Analysis by **TEKLA**

3D Coordination by **Navisworks**

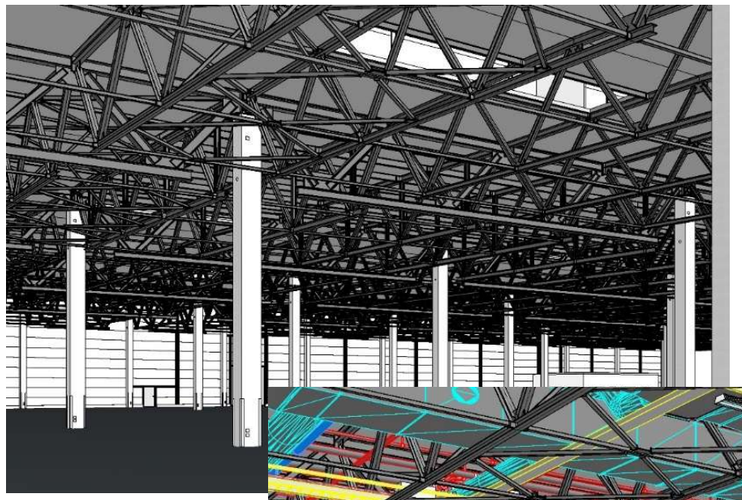


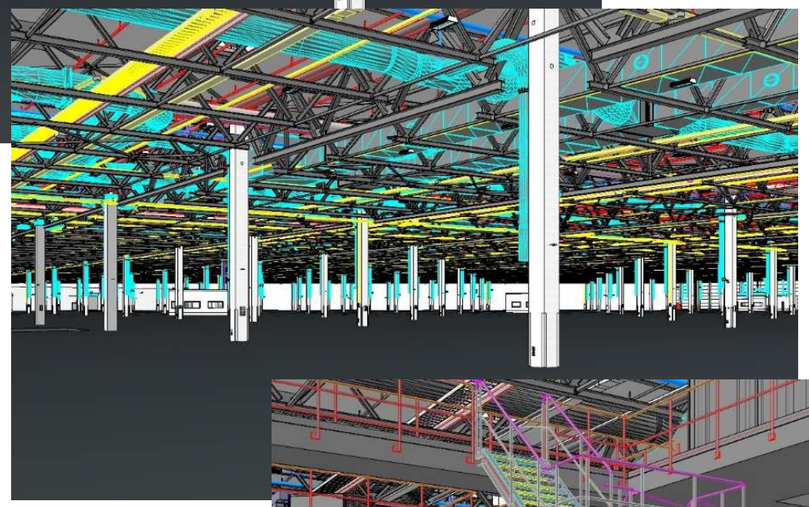
Clash Detection by **Navisworks**

TAKENAKA BIM MODELING

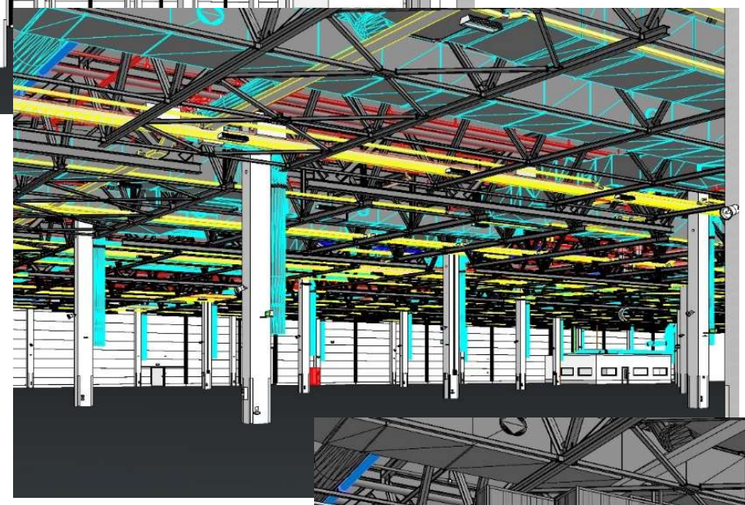


Arch. +
Struc.

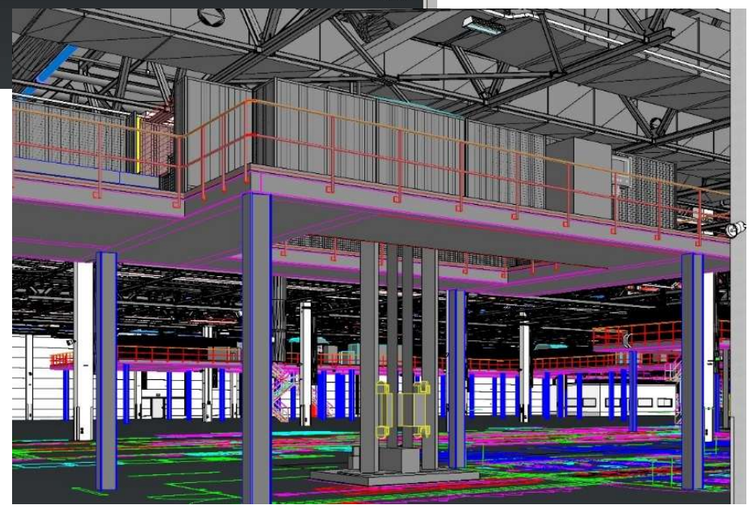




Arch. +
Struc. +
MEP



Arch. +
Struc. +
MEP +
Machines



TAKENAKA SERVICES

	Review of Client's Requirements	Detail Layout Plan	Construction Quality Plan	
Collection of Related Data and Information	Investigation of Operation Flow	Reparation of Detail Specifications. (Hardware, Control System, etc.)	Procurement and Fabrication	
Data Analysis	Rough Cost Estimation	Detail Cost Estimation	Installation and Adjustment	
Design Concept Proposal	Schematic Design Proposal	Design Development	Inspection	Building Diagnosis
Review on Applicable Laws and Regulations Site	Environmental Preservation Planning	Engineering	Evaluation of the System	Maintenance Contract
PRELIMINARY STUDY	**PREDESIGN**	**DESIGN**	**CONSTRUCTION**	**POST CONSTRUCTION SERVICE**
Site Selection	Mobilization	Final Presentation	Construction Management	Periodical Inspections
On-Site investigation and Survey	Value Engineering	Design Review	Construction Working Plan	
			Construction Report	

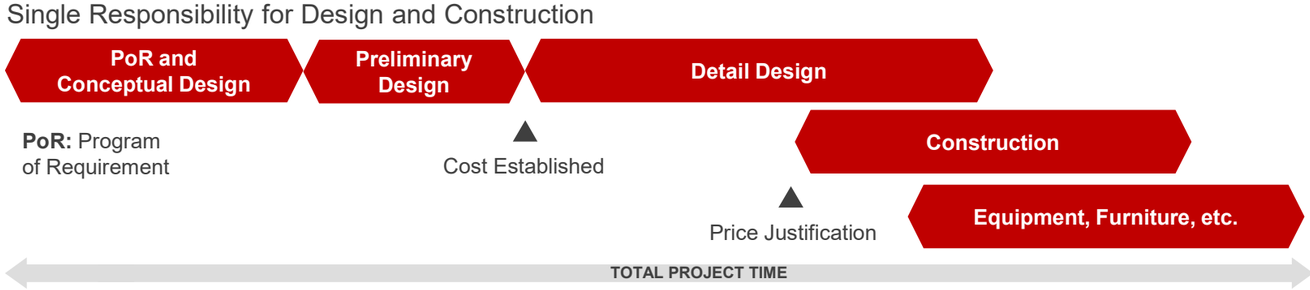
TAKENAKA SERVICES

• BENEFIT OF TURNKEY

- Time saving
- Cost saving
  - Initial cost
  - Shorter program and earlier production start
- Client organization reduction
- Quick change management
- Single responsibility

Traditional Design and Construction (Design– Award – Build, EPCM basis contract
Separate Responsibility for Design and Construction

Integrated Design and Build System (Turn-key basis contract)
Single Responsibility for Design and Construction



Time & Cost saving

SOLUTION

From FS stage to maintenance work, we provide the best and suitable solutions by utilizing our experience as general contractor

CLIENT

Solutions

General Contractor

Design	Promotion	Const.	QM
Quality Inspect.	Develop.	Technical	Build Mng.
Institute	Civil Eng.	International	Plant Eng

QUALITY

Through early cooperation between design dept and construction dept, good quality and functions can be given to the building.

DESIGN DEP.

Collaboration

CONSTRUCTION DEP.

PRICE

Establish costs at early stage, thus taking away the construction cost risk from the client. Also, efficient construction methods can be estimated with design dept.

DESIGN DEP.

Information of Construction plan

CONSTRUCTION DEP.

RESPONSIBILITY

The responsibility and management of information can be unified. The project can proceed more speedily and with more certainty.

CLIENT

Unification of Responsibility

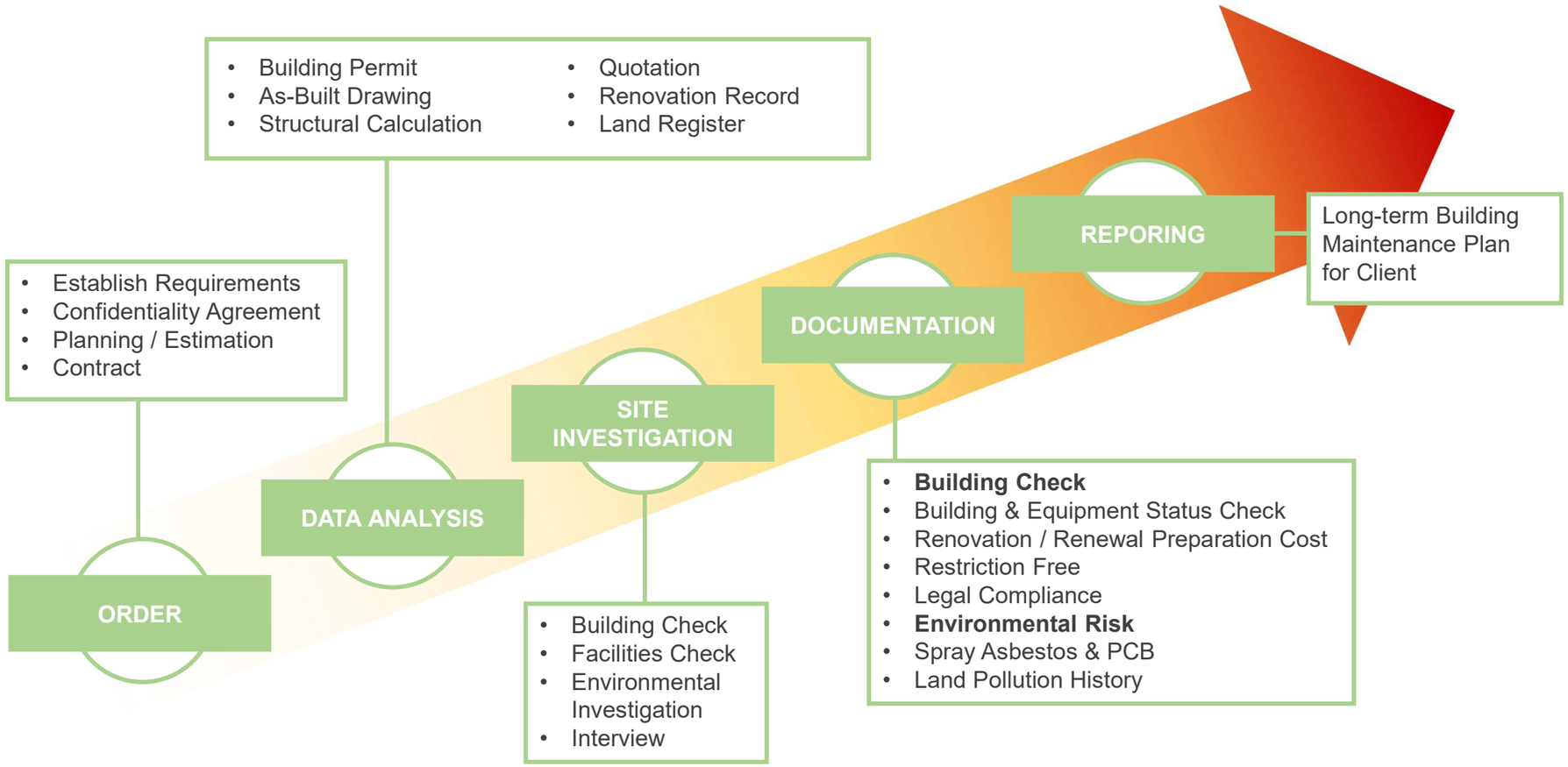
GENERAL CONTRACTOR

TAKENAKA SERVICES

- **OUR AFTERCARE SERVICES COVER THE FOLLOWING:**

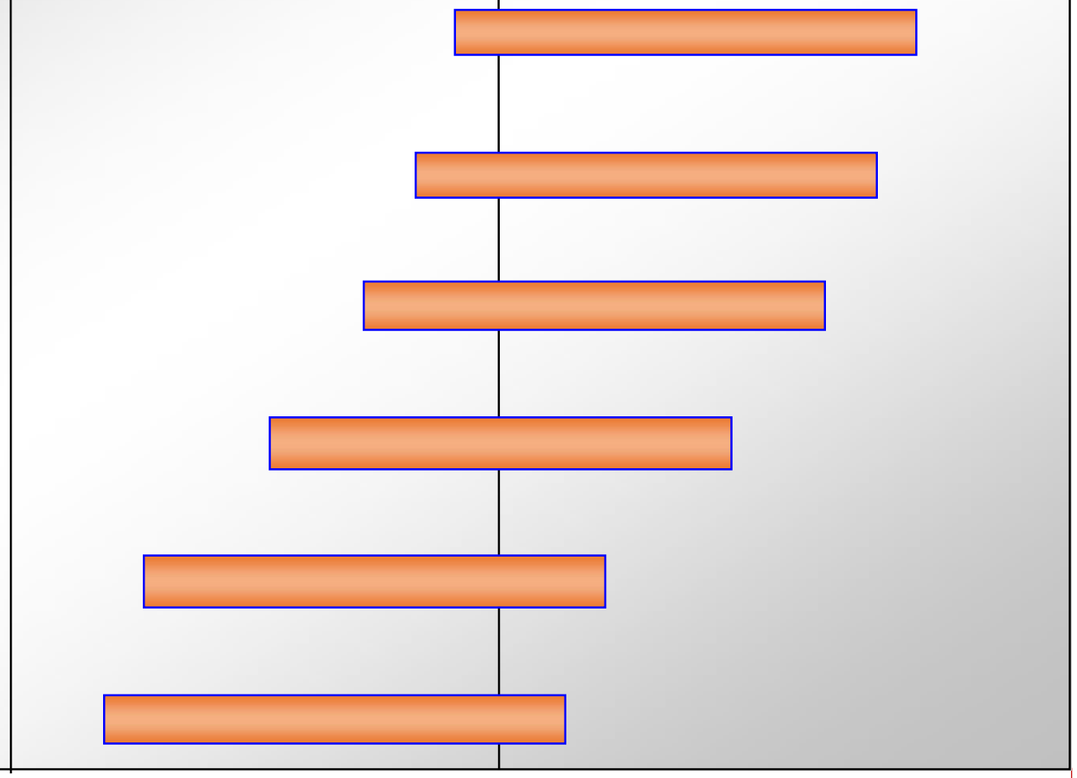
- Building Investigation
- Project Coordination / Management
- Post-Construction Evaluation
- Warranty Review
- Moving Plan
- Start-up Assistance
- Operational Procedures Manual
- Scheduled Inspections
- Maintenance Planning & Budgeting
- Maintenance Management
- Facility Management Assistance
- Operating Cost Reduction Planning
- Extensions & Renovations Planning
- Work Place Consulting

Scope of services for building maintenance and asset value evaluation



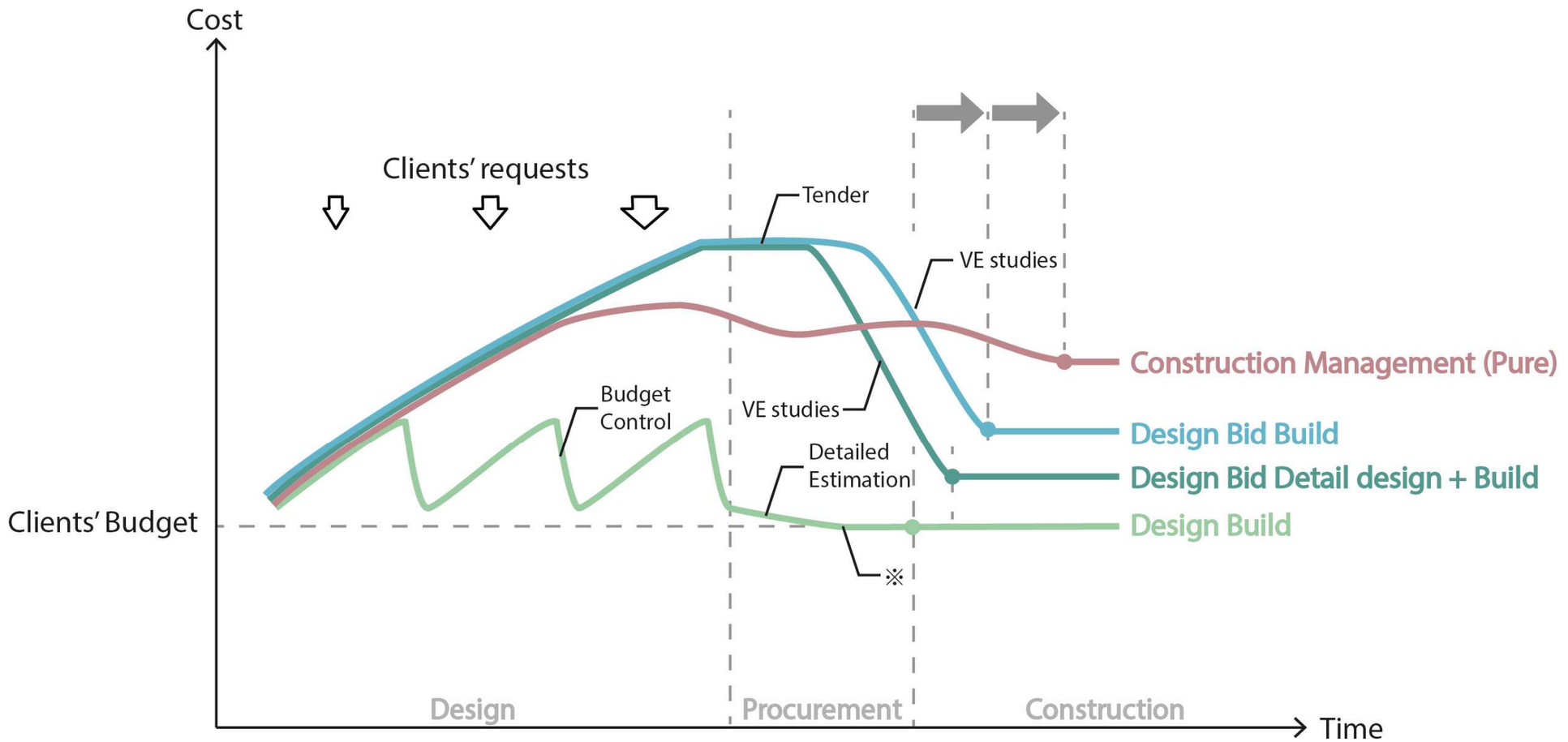
DELIVERY SYSTEMS & RISK DISTRIBUTION

Delivery System	Risk load	
	Client	Contractor
Design Build (DB)		
Design Bid Detail design + Build (D-B-DB)		
Design Bid Build (DBD)		
CM at Risk		
Management Contract		
Pure CM		



Ref. Cox.S & Clamp H.(1999) Which Procurement Method?, RIBA(UK)

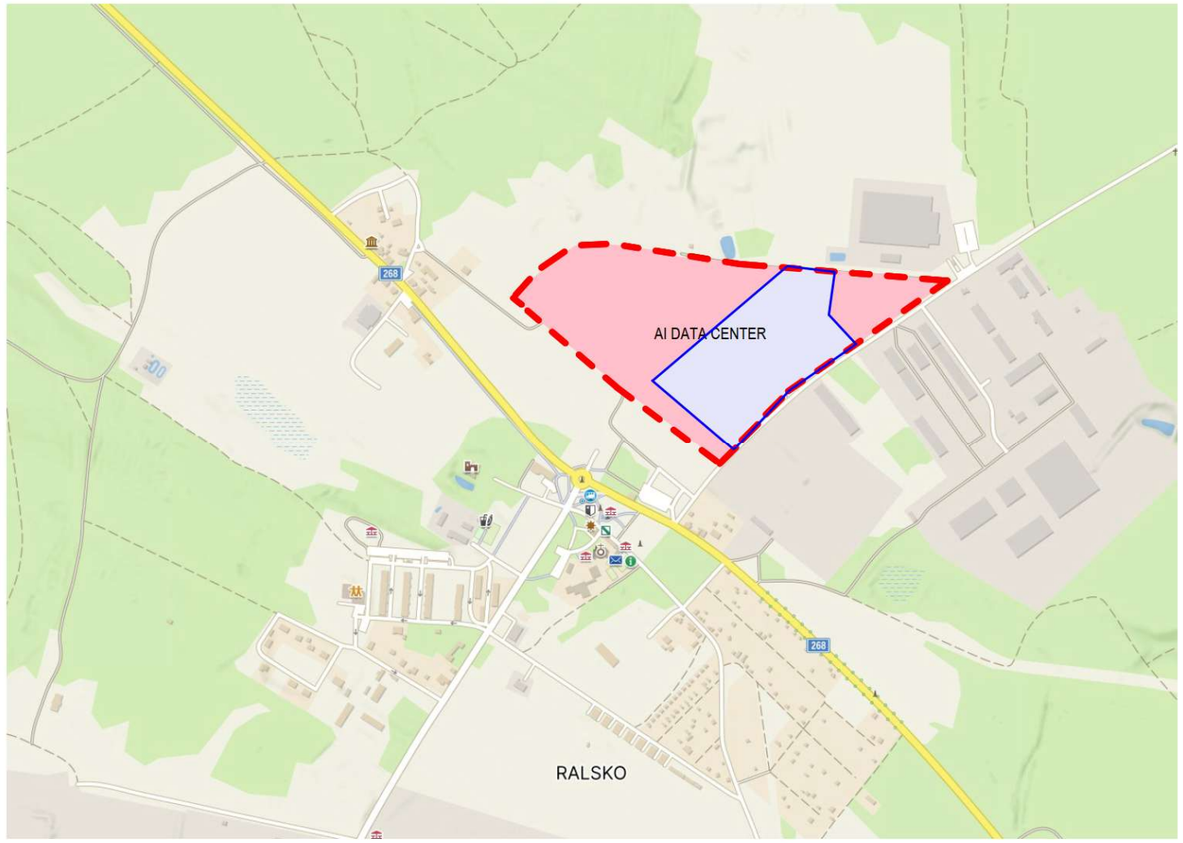
DELIVERY SYSTEMS & TIME MANAGEMENT

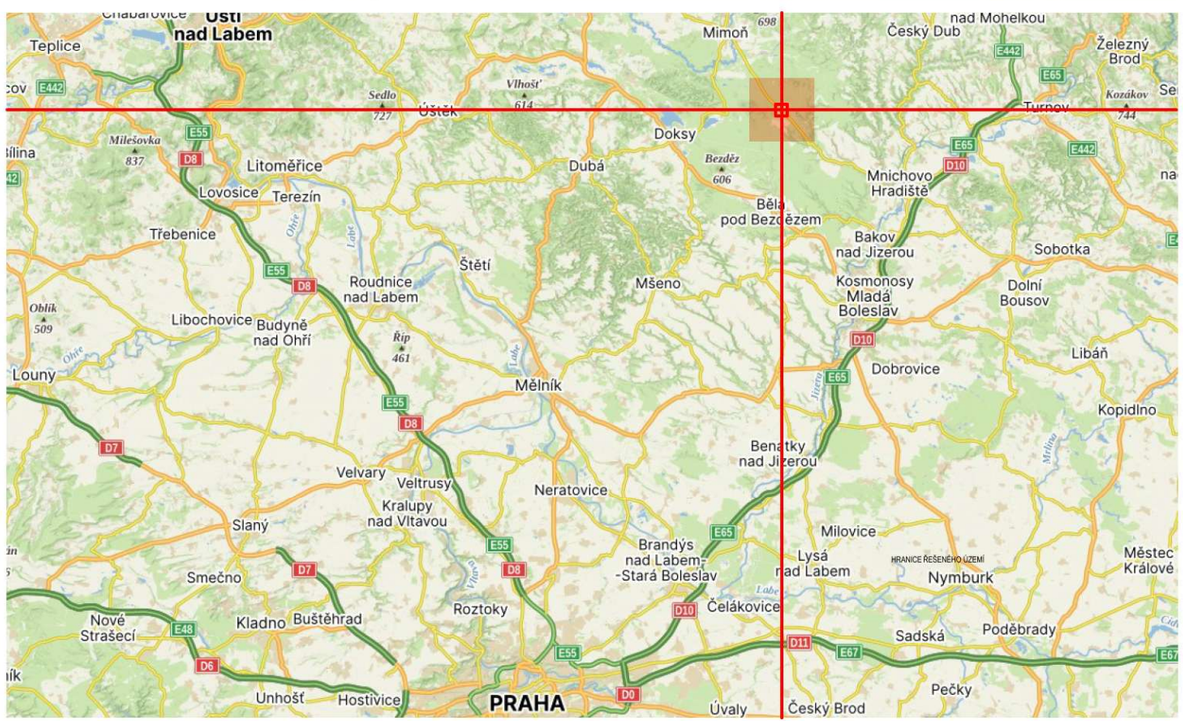


● ● ● ● : Commencement

※ Employment of a third party, such as a quantity surveying firm, into Design Build delivery brings transparency to cost assessment.

RALSKO AI CAMPUS - DRAWINGS

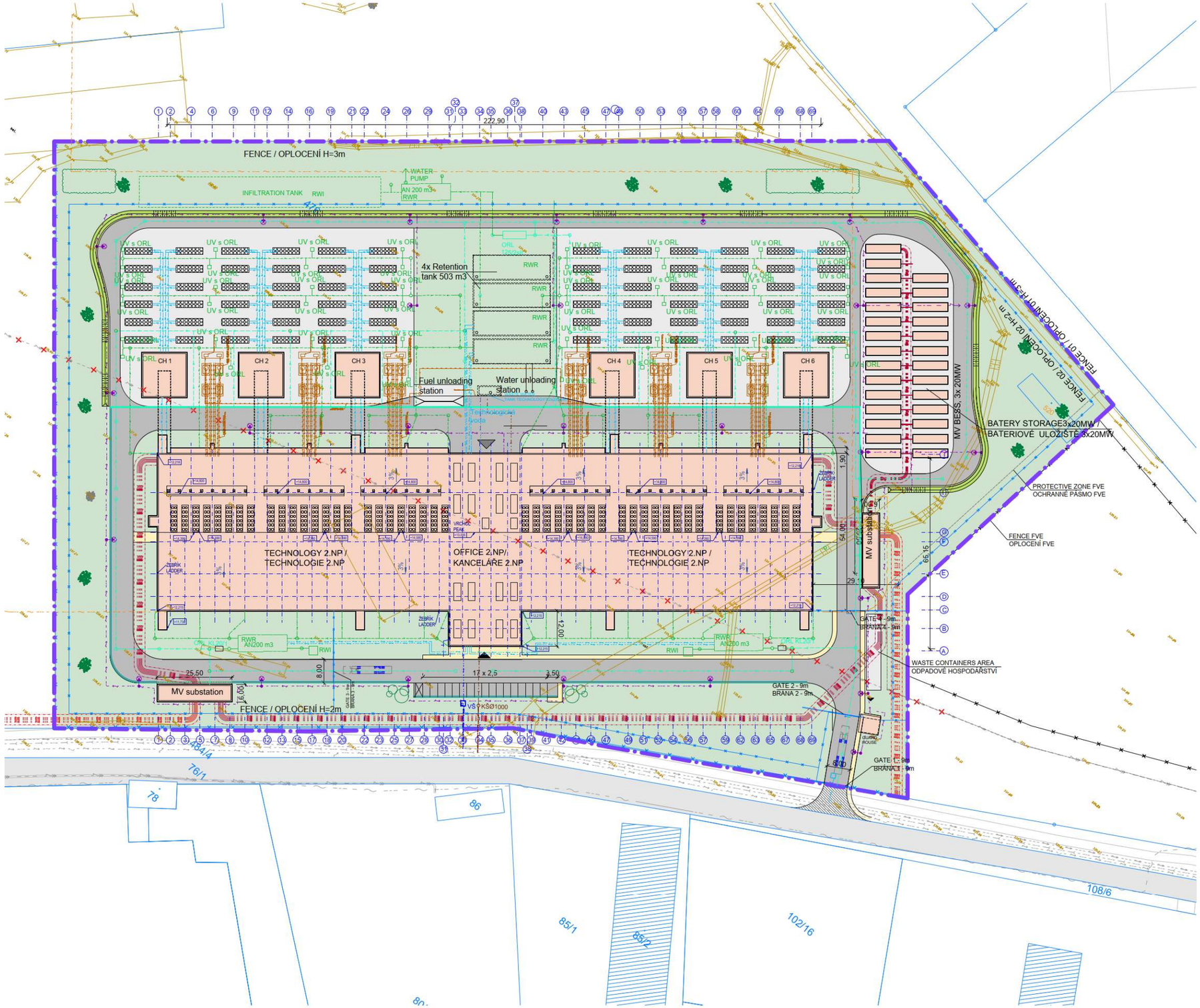




CLIENT´S PLOT
POZEMEK KLIENTA

SITE BORDER
HRANICE ŘEŠENÉHO ÚZEMÍ

Green design



LEGEND OF AREAS / LEGENDA PLOCH

BUILDINGS OBJEKTY	15949,98 m²	24, 45 %
ASPHALT ROADS ASFALTOVÉ SILNICE	8815 m²	13,51 %
CONCRETE BETON	13362 m²	20,48 %
INTERLOCKING PAVEMENT ZÁMKOVÁ DLAŽBA	506,25 m²	0,78 %
GRASS AREA ZATRAVNĚNÍ	25907,60 m²	40,79 %
TOTAL | CELKEM:	65244,32 m²	100 %

LEGEND / LEGENDA

- NEW BUILDING / NOVÁ BUDOVA
- PLOT BORDER / KATASTRÁLNÍ HRANICE POZEMKU
- CLIENTS PLOT / POZEMEK KLIENTA
- SITE BORDER / HRANICE ŘEŠENÉHO ÚZEMÍ
- UNDERGROUND OBJECTS / PODZEMNÍ OBJEKTY
- NEW FENCE / NOVÉ OPLOCENÍ
- CANCLED UTILITY LINES / ZRUŠENÉ SÍTĚ
- STÁVAJÍCÍ STROMY / STÁVAJÍCÍ STROMY
- NEW TREES / STROMY NOVÉ
- NEW BUSHES / KŘOVINY
- NEW ECOLOGICAL ELEMENTS / EKOPRVKY
- MAIN ENTRY - MAIN / VSTUP - HLAVNÍ
- ENTRY - TECHNICAL / VSTUP - TECHNICKÝ
- NEW STREET SIGN / SVISLÉ DOPRAVNÍ ZNA
- EXISTING SLOPE GRADING WORKS / STÁVAJÍCÍ SVAHOVÁNÍ
- NEW SLOPE GRADING WORKS / NOVÉ SVAHOVÁNÍ

UTILITY LINES - EXISTING / INŽENÝRSKÉ SÍTĚ - STÁVAJÍCÍ

- DRINK WATER SUPPLY / VODOVOD
- WASTE WATER SEWAGE / SPLAŠKOVÁ KANALIZACE
- WEAK CURRENT / SLABOPROUD
- POWER LINE - HIGH VOLTAGE / ELEKTRO - VN
- POWER LINE - LOW VOLTAGE / ELEKTRO - NN

UTILITY LINES - CONNECTIONS / INŽENÝRSKÉ SÍTĚ - PŘÍPOJKY

- POWER LINE HIGH VOLTAGE / ELEKTRO ROZVOD VN
- DRINK WATER SUPPLY / VODOVOD
- WASTE WATER SEWAGE / KANALIZACE SPLAŠKOVÁ
- RAIN WATER SEWAGE / KANALIZACE DEŠŤOVÁ

UTILITY OBJECTS - NEW / INŽENÝRSKÉ OBJEKTY - NOVÉ

- LIGHT POLE / POULIČNÍ LAMPA
- ORL OIL SEPARATOR / ODLUČOVAČ ROPNÝCH LÁTEK
- RWR RAIN WATER RETENTION / DEŠŤOVÁ RETENČNÍ NÁDRŽ
- RWI RAIN WATER INFILTRATION / DEŠŤOVÝ VSAK

UTILITY LINES - AREAL / INŽENÝRSKÉ SÍTĚ - AREÁL

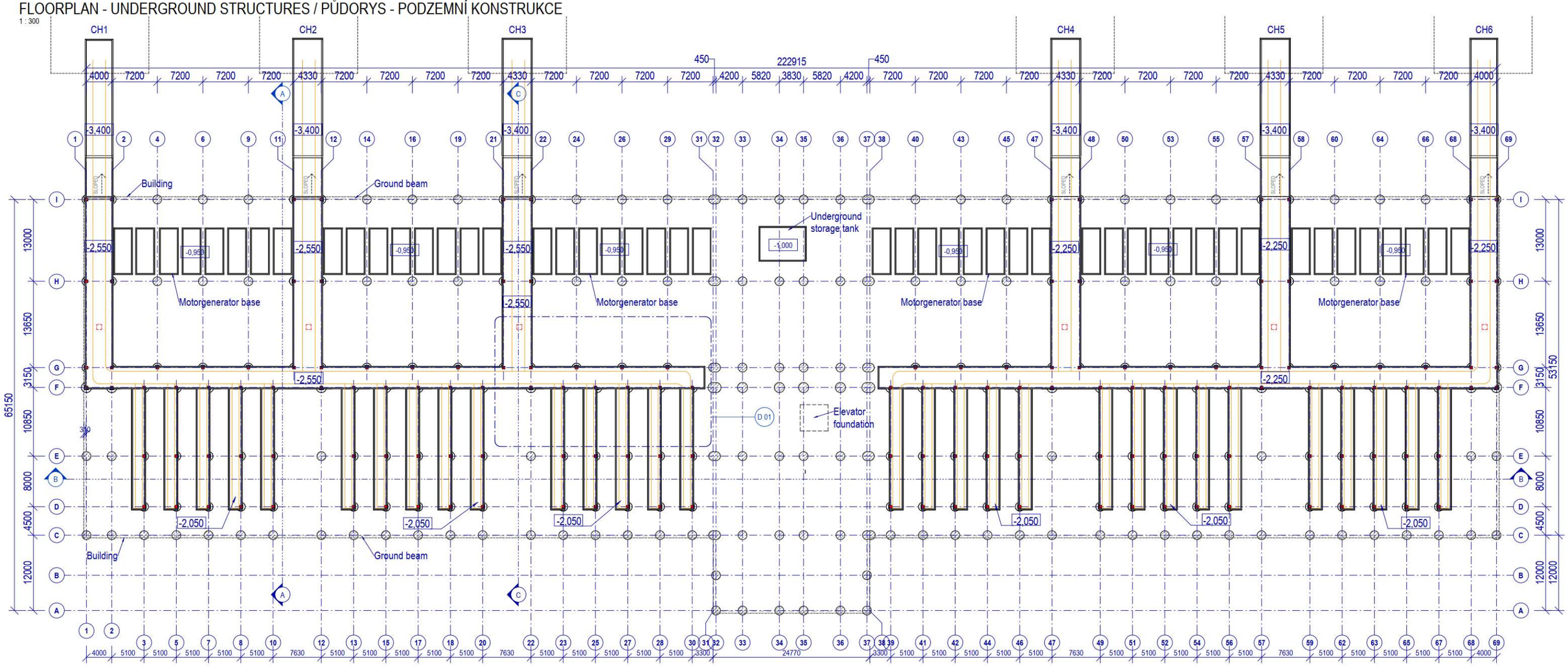
- POWER LINE HIGH VOLTAGE / ELEKTRO - ROZVOD VN
- POWER LINE, EXT. LIGHTING / ELEKTRO, VO AREÁLOVÉ
- TECHNOLOGY COOLING WATER / TECHNOLOG. CHLADICÍ VODA
- RAIN WATER SEWAGE / KANALIZACE DEŠŤOVÁ
- RAIN WATER SEWAGE OILED / KANAL. DEŠŤOVÁ ZAOLEJOVANÁ
- WASTE WATER SEWAGE / KANALIZACE SPLAŠKOVÁ
- GAS SUPPLY / PALIVOVÉ ROZVODY
- DATA LINE / DATOVÉ SÍTĚ

0 20 40 60 80 100 m

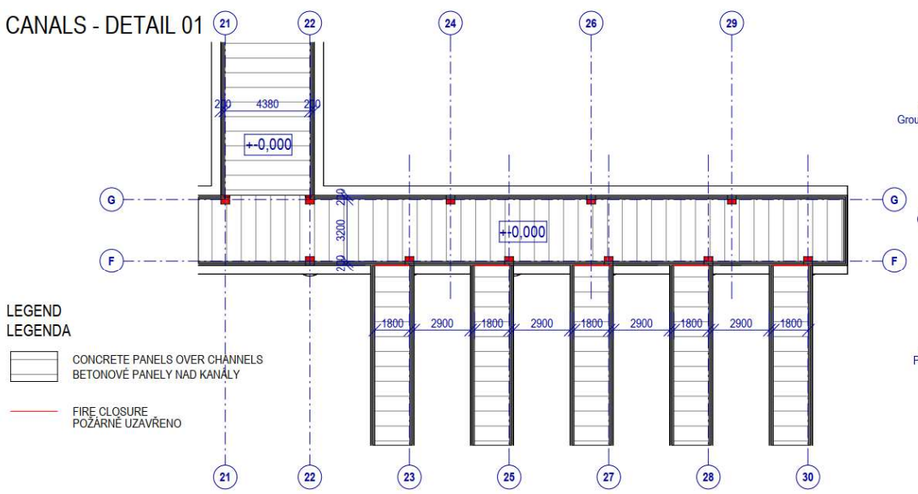
Green design

FLOORPLAN - UNDERGROUND STRUCTURES / PŮDORYS - PODZEMNÍ KONSTRUKCE

1 : 300



CANALS - DETAIL 01



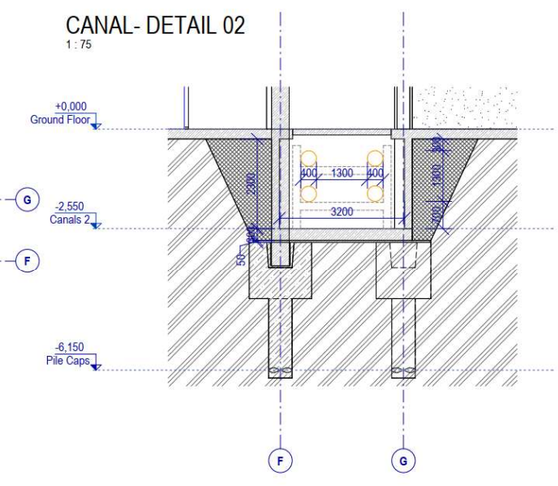
LEGEND
LEGENDA

CONCRETE PANELS OVER CHANNELS
BETONOVÉ PANELY NAD KANÁLY

FIRE CLOSURE
POŽÁRNÍ UZAVŘENO

CANAL- DETAIL 02

1 : 75



CANAL COMPOSITIONS

WALLS 200 MM:
MONOLITHIC STRUCTURES

FLOORS 300 MM:
MONOLITHIC STRUCTURES
ASPHALT WATERPROOFING MEMBRANE, 2 TO 3 LAYERS
GEOTEXTILE
BASE CONCRETE 50 MM
SOIL

SKLADBA KANÁLU

STĚNY 200 MM:
MONOLITOVÉ KONSTRUKCE

PODLAHY 300 MM:
MONOLITOVÉ KONSTRUKCE
ASFALTOVÁ HYDROIZOLAČNÍ MEMBRÁNA, 2 AŽ 3 VRSTVY
GEOTEXTILIE
PODKLADNÍ BETON 50 MM
ZEMINA

NOTE: THE STRUCTURAL DESIGN IS PRELIMINARY AND REQUIRES FURTHER SPECIFICATION.THE STRUCTURE WILL SUBSEQUENTLY BE ADJUSTED TO ACCOMMODATE THE ROUTING OF UTILITIES.

POZNÁMKA: KONSTRUKČNÍ NÁVRH JE PŘEDBĚŽNÝ A VYŽADUJE DALŠÍ SPECIFIKACI. KONSTRUKCE BUDE NÁSLEDNĚ UPRAVENA V NÁVAZNOSTI NA VEDENÍ MÉDIÍ.

LEGEND
LEGENDA

- NEW STRUCTURES / NOVÉ KONSTRUKCE
- OUTER EDGE OF PIPES INDICATED / ZNÁZORNĚNÍ VNĚJŠÍ HRANY POTRUBÍ
- PILE CAPS 600 MM (800 MM ON GRID F) / PILOTOVÉ HLAVICE 600 MM (800 MM NA OSE F)
- INSPECTION OPENINGS 800x800 MM / REVIZNÍ OTVORY 800x800 MM
- PIPES INSIDE THE CHANNELS / POTRUBÍ V KANÁLU

NOTE: PILES ARE ASSUMED TO EXTEND TO A DEPTH OF APPROXIMATELY 6–8 M. FURTHER STRUCTURAL DETAILS AND FINAL FOUNDATION DESIGN SHALL BE CONFIRMED BY THE STRUCTURAL ENGINEER.

POZNÁMKA: PŘEDPOKLÁDANÁ HLOUBKA PILOT JE CCA 6–8 M. DALŠÍ KONSTRUKČNÍ PODROBNOSTI A FINÁLNÍ NÁVRH ZALOŽENÍ BUDOU UPŘESNĚNY STATIKEM.

0 6,0m 12,0m 18,0m 24,0m 30,0m

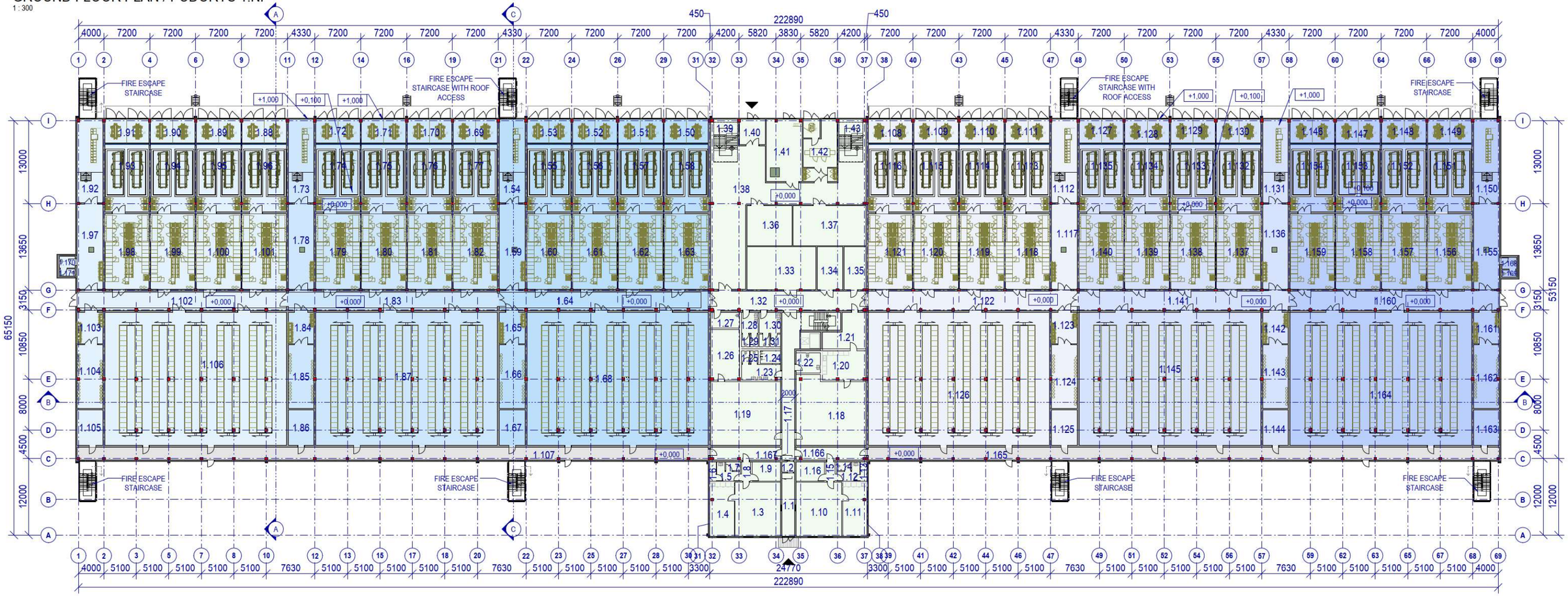
M 1:600 for A3, 1:300 for A1 paper size

NORTH

Green design

GROUND FLOOR PLAN / PŮDORYS 1.NP

1 : 300



DATA UNIT 01
(88 - 106)(+WC TECHNICIANS 170, 171)

Number	Name	Area
Data Unit 01		
1.88	TRANSFORMER CHAMBER D1	25,50 m²
1.89	TRANSFORMER CHAMBER C1	25,71 m²
1.90	TRANSFORMER CHAMBER B1	25,71 m²
1.91	TRANSFORMER CHAMBER A1	25,50 m²
1.92	HV SWITCHGATE 1	52,99 m²
1.93	ENGINE ROOM OF MOTOR GENERATORS A1	72,72 m²
1.94	ENGINE ROOM OF MOTOR GENERATORS B1	73,38 m²
1.95	ENGINE ROOM OF MOTOR GENERATORS C1	73,38 m²
1.96	ENGINE ROOM OF MOTOR GENERATORS D1	72,72 m²
1.97	ENGINE ROOM FIRE EXTINGUISHING 1.1	54,48 m²
1.98	LV SWITCHGATE A1	82,46 m²
1.99	LV SWITCHGATE B1	83,23 m²
1.100	LV SWITCHGATE C1	83,23 m²
1.101	LV SWITCHGATE D1	82,46 m²
1.102	HALLWAY	98,08 m²
1.103	ELECTRICAL AND MONITORING 1	20,03 m²
1.104	ENGINE ROOM FIRE EXTINGUISHING 1.1	40,33 m²
1.105	MEET ME ROOM 1	22,61 m²
1.106	DATA ROOM 1	592,79 m²
1.170	FOYER (WC TECHNICIANS)	4,43 m²
1.171	WC TECHNICIANS	2,92 m²
		1614,69 m²

DATA UNIT 02
(69 - 87)

Number	Name	Area
Data Unit 02		
1.69	TRANSFORMER CHAMBER D2	25,50 m²
1.70	TRANSFORMER CHAMBER C2	25,71 m²
1.71	TRANSFORMER CHAMBER B2	25,71 m²
1.72	TRANSFORMER CHAMBER A2	25,50 m²
1.73	HV SWITCHGATE 2	52,43 m²
1.74	ENGINE ROOM OF MOTOR GENERATORS A2	72,72 m²
1.75	ENGINE ROOM OF MOTOR GENERATORS B2	73,38 m²
1.76	ENGINE ROOM OF MOTOR GENERATORS C2	73,38 m²
1.77	ENGINE ROOM OF MOTOR GENERATORS D2	72,72 m²
1.78	ENGINE ROOM FIRE EXTINGUISHING 2.1	53,77 m²
1.79	LV SWITCHGATE A2	82,46 m²
1.80	LV SWITCHGATE B2	83,23 m²
1.81	LV SWITCHGATE C2	83,23 m²
1.82	LV SWITCHGATE D2	82,46 m²
1.83	HALLWAY	98,05 m²
1.84	ELECTRICAL AND MONITORING 2	19,74 m²
1.85	ENGINE ROOM FIRE EXTINGUISHING 2.2	39,93 m²
1.86	LAN/WAN 2	22,28 m²
1.87	DATA ROOM 2	592,79 m²
		1605,01 m²

DATA UNIT 03
(50 - 68)

Number	Name	Area
Data Unit 03		
1.50	TRANSFORMER CHAMBER D3	25,50 m²
1.51	TRANSFORMER CHAMBER C3	25,71 m²
1.52	TRANSFORMER CHAMBER B3	25,71 m²
1.53	TRANSFORMER CHAMBER A3	25,50 m²
1.54	HV SWITCHGATE 3	52,43 m²
1.55	ENGINE ROOM OF MOTOR GENERATORS A3	72,72 m²
1.56	ENGINE ROOM MOTOR GENERATORS B3	73,38 m²
1.57	ENGINE ROOM OF MOTOR GENERATORS C3	73,38 m²
1.58	ENGINE ROOM OF MOTOR GENERATORS D3	72,72 m²
1.59	ENGINE ROOM FIRE EXTINGUISHING 3.1	53,77 m²
1.60	LOW VOLTAGE SWITCHGATE A3	82,46 m²
1.61	LOW VOLTAGE SWITCHGATE B3	83,23 m²
1.62	LOW VOLTAGE SWITCHGATE C3	83,23 m²
1.63	LV SWITCHGATE D3	82,46 m²
1.64	HALLWAY	98,04 m²
1.65	ELECTRICAL AND MONITORING 3	19,74 m²
1.66	ENGINE ROOM FIRE EXTINGUISHING 3.2	39,93 m²
1.67	LAN/WAN 3	22,28 m²
1.68	DATA ROOM 3	592,76 m²
		1604,97 m²

OFFICE & EMPLOYEE FACILITIES
(1-43) (+CORRIDORS 166, 167)

Number	Name	Area
OFFICE AND EMPLOYEE FACILITIES		
1.1	ENTERANCE HALLWAY	19,90 m²
1.2	PERSONNEL PASS	3,04 m²
1.3	NOC/TOC OFFICE	60,72 m²
1.4	KITCHEN AND LEASURE ROOM (NOC/TOC)	32,53 m²
1.5	FOYER (HYGIENIC FACILITIES NIGHT/TOC)	7,45 m²
1.6	SHOWER (NOC/TOC)	2,98 m²
1.7	WC (NOC/TOC)	3,07 m²
1.8	FOYER (NOC/TOC)	4,31 m²
1.9	STORAGE (NOC/TOC)	13,36 m²
1.10	SOC OFFICE	61,12 m²
1.11	KITCHEN AND LEASURE ROOM (SOC)	32,53 m²
1.12	FOYER (HYGIENIC FACILITIES SOC)	7,45 m²
1.13	SHOWER (SOC)	2,98 m²
1.14	WC (SOC)	3,07 m²
1.15	FOYER (SOC)	4,31 m²
1.16	STORAGE (SOC)	13,36 m²
1.17	CORRIDOR WITH STAIRCASE AND ELEVATOR	77,56 m²
1.18	ROOM 01	114,26 m²
1.19	ROOM 02	110,20 m²
1.20	KITCHEN	31,26 m²
1.21	ROOM 03	29,91 m²
1.22	WC WOMEN/DISABLED	12,16 m²
1.23	FOYER (WC MEN)	15,11 m²
1.24	URINALS (WC MEN)	6,57 m²
1.25	WC MEN	5,18 m²
1.26	ROOM 4	36,31 m²
1.27	CLEANING ROOM	11,41 m²
1.28	FOYER (WC WOMEN)	8,31 m²
1.29	WC WOMEN	5,18 m²
1.30	FOYER (WC MEN)	10,94 m²
1.31	WC MEN	6,82 m²
1.32	HALLWAY NOC/TOC/SOC/IT STAFF	72,61 m²
1.33	STORAGES / LABORATORIES	73,98 m²
1.34	LOW VOLTAGE ROOM	27,21 m²
1.35	FIRE ROOM	23,52 m²
1.36	UNPACKING ROOM / ASSEMBLY ROOM	43,95 m²
1.37	SUPPORT ROOMS	71,12 m²
1.38	HALLWAY	208,39 m²
1.39	STAIRCASE 01	29,36 m²
1.40	MATERIAL GATE	15,96 m²
1.41	WATER TREATMENT PLANT AND STORAGE TANKS	54,22 m²
1.42	ADMINISTRATIVE BUILDING POWER SUPPLY AND BACKUP POWER SOURCE	52,11 m²
1.43	STAIRCASE 02	29,07 m²
1.166	HALLWAY	21,39 m²
1.167	ENTERANCE HALLWAY	21,41 m²
		1497,65 m²

DATA UNIT 05
(108-126)

Number	Name	Area
Data Unit 04		
1.108	TRANSFORMER CHAMBER A4	25,50 m²
1.109	TRANSFORMER CHAMBER B4	25,71 m²
1.110	TRANSFORMER CHAMBER C4	25,71 m²
1.111	TRANSFORMER CHAMBER D4	25,50 m²
1.112	HV SWITCHGATE 4	Not Enclosed
1.113	ENGINE ROOM OF MOTOR GENERATORS D4	52,43 m²
1.114	ENGINE ROOM OF MOTOR GENERATORS C4	73,38 m²
1.115	ENGINE ROOM OF MOTOR GENERATORS B4	73,38 m²
1.116	ENGINE ROOM OF MOTOR GENERATORS A4	72,72 m²
1.117	ENGINE ROOM FIRE EXTINGUISHING 4.1	53,77 m²
1.118	LV SWITCHGATE D4	82,46 m²
1.119	LV SWITCHGATE C4	83,23 m²
1.120	LV SWITCHGATE B4	83,23 m²
1.121	LV SWITCHGATE A4	82,46 m²
1.122	HALLWAY	98,04 m²
1.123	ELECTRICAL AND MONITORING 4	19,74 m²
1.124	ENGINE ROOM FIRE EXTINGUISHING 4.2	39,93 m²
1.125	LAN/WAN 4	22,28 m²
1.126	DATA ROOM 4	592,76 m²
		1604,97 m²

Number	Name	Area
CORRIDORS, HALLWAYS		
1.165	HALLWAY	194,53 m²
1.107	HALLWAY	194,48 m²
		389,01 m²

DATA UNIT 05
(127 - 145)

Number	Name	Area
Data Unit 05		
1.127	TRANSFORMER CHAMBER A5	25,50 m²
1.128	TRANSFORMER CHAMBER B5	25,71 m²
1.129	TRANSFORMER CHAMBER C5	25,71 m²
1.130	TRANSFORMER CHAMBER D5	25,50 m²
1.131	HV SWITCHGATE 5	52,43 m²
1.132	ENGINE ROOM OF MOTOR GENERATORS D5	72,72 m²
1.133	ENGINE ROOM OF MOTOR GENERATORS C5	73,38 m²
1.134	ENGINE ROOM OF MOTOR GENERATORS B5	73,38 m²
1.135	ENGINE ROOM OF MOTOR GENERATORS A5	72,72 m²
1.136	ENGINE ROOM FIRE EXTINGUISHING 5.1	53,77 m²
1.137	LV SWITCHGATE D5	82,46 m²
1.138	LV SWITCHGATE C5	83,23 m²
1.139	LV SWITCHGATE B5	83,23 m²
1.140	LV SWITCHGATE A5	82,46 m²
1.141	HALLWAY	98,05 m²
1.142	ELECTRICAL AND MONITORING 5	19,74 m²
1.143	ENGINE ROOM FIRE EXTINGUISHING 5.2	39,93 m²
1.144	LAN/WAN 5	22,28 m²
1.145	DATA ROOM 5	592,79 m²
		1605,01 m²

DATA UNIT 06
(146 - 164) (+WC TECHNICIANS 168, 169)

Number	Name	Area
Data Unit 06		
1.146	TRANSFORMER CHAMBER A6	25,50 m²
1.147	TRANSFORMER CHAMBER B6	25,71 m²
1.148	TRANSFORMER CHAMBER C6	25,71 m²
1.149	TRANSFORMER CHAMBER D6	25,50 m²
1.150	HV SWITCHGATE 6	52,99 m²
1.151	ENGINE ROOM OF MOTOR GENERATORS D6	72,72 m²
1.152	ENGINE ROOM OF MOTOR GENERATORS C6	73,38 m²
1.153	ENGINE ROOM OF MOTOR GENERATORS B6	73,38 m²
1.154	ENGINE ROOM OF MOTOR GENERATORS A6	72,72 m²
1.155	ENGINE ROOM FIRE EXTINGUISHING 6.1	54,54 m²
1.156	LV SWITCHGATE D6	82,47 m²
1.157	LV SWITCHGATE C6	83,23 m²
1.158	LV SWITCHGATE B6	83,23 m²
1.159	LV SWITCHGATE A6	82,46 m²
1.160	HALLWAY	98,42 m²
1.161	ELECTRICAL AND MONITORING 6	20,03 m²
1.162	ENGINE ROOM FIRE EXTINGUISHING 6.2	40,33 m²
1.163	LAN/WAN 6	22,61 m²
1.164	DATA ROOM 6	592,79 m²
1.168	FOYER (WC TECHNICIANS)	4,22 m²
1.169	WC TECHNICIANS	2,78 m²
		1614,75 m²

LEGEND
LEGENDA

NEW STRUCTURES
NOVÉ KONSTRUKCE

TECHNOLOGIES
TECHNOLOGIE

OFFICE AREA
KANCELÁŘSKÉ PROSTORY

CORRIDOR
CHODBA

INSPECTION OPENINGS
REVIZNÍ OTVORY

DATA UNIT 01
DATA UNIT 01

DATA UNIT 02
DATA UNIT 02

DATA UNIT 03
DATA UNIT 03

DATA UNIT 04
DATA UNIT 04

DATA UNIT 05
DATA UNIT 05

DATA UNIT 06
DATA UNIT 06

WALL LEGEND
LEGENDA STĚN

BRICK WALL 150 - 330MM (BEARING WALLS)
ZDěNá PřIčKA 150 - 330 MM (NOSNé STěNY)

ACOUSTIC GYPSUM BOARD WALL 150MM (ENGINE ROOM + OFFICE SPACES)
SáDROKARTONOVá AKUSTICKá P řIčKA 150MM

GYPSUM BOARD WALL 75 - 300MM (OFFICE SPACES + WC)
SáDROKARTóNOVá P řIčKA 75 - 3 00MM (KANCELáŘE + WC)

SANDWICH PANEL FACADE 200MM
FASáDA ZE SENDVIčOVÝCH PANELů 200 MM

0 6,0m 12,0m 18,0m 24,0m 30,0m

M 1:600 for A3, 1:300 for A1 paper size

NORTH

Green design

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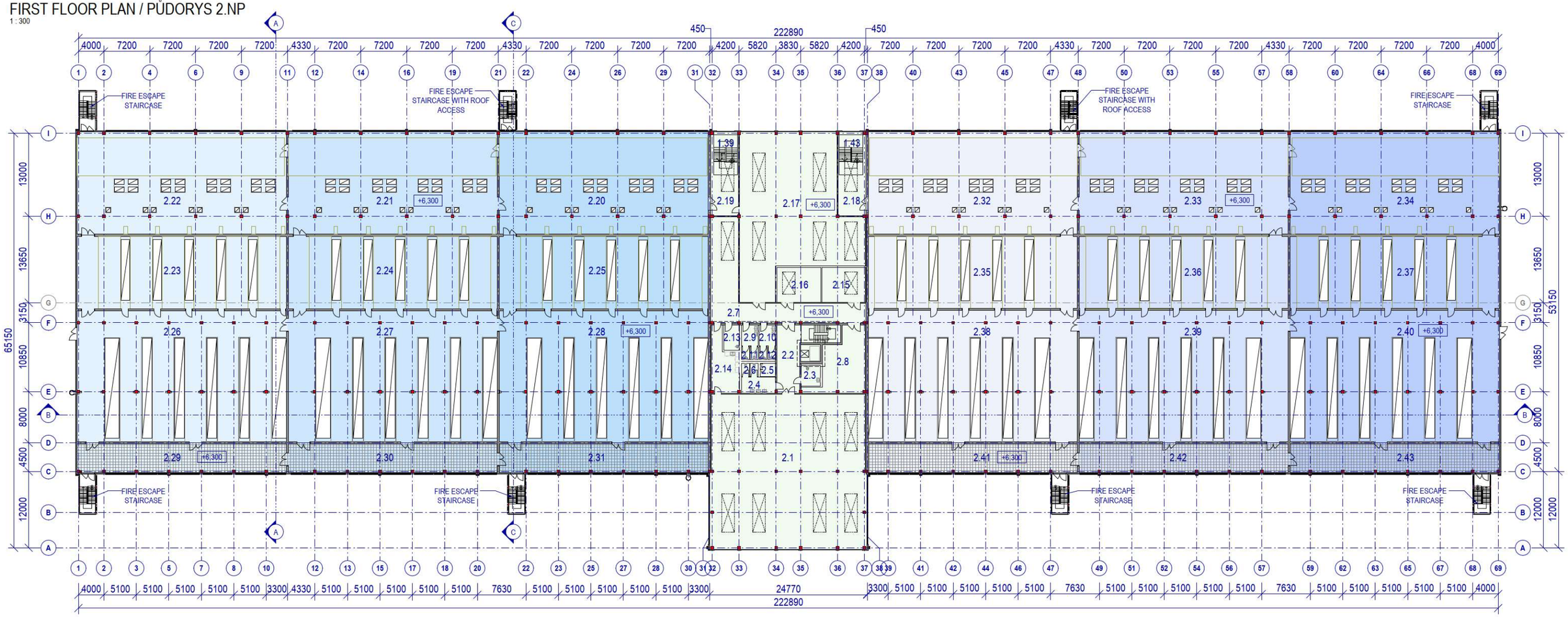
FIRST FLOOR PLAN / PŮDORYS 2.NP

1 : 300



Number	Name	Area
Data Unit 01		
2.22	FRESH AIR 1	525,08 m²
2.23	DFC 1	375,59 m²
2.26	COLD AIR 1	673,18 m²
2.29	HOT AIR 1	148,43 m²
		1722,29 m²

Number	Name	Area
Data Unit 02		
2.21	FRESH AIR 2	524,47 m²
2.24	DFC 2	374,91 m²
2.27	COLD AIR 2	672,33 m²
2.30	HOT AIR 2	148,36 m²
		1720,07 m²

Number	Name	Area
Data Unit 03		
2.20	FRESH AIR 3	524,47 m²
2.25	DFC 3	374,91 m²
2.28	COLD AIR 3	672,27 m²
2.31	HOT AIR 3	148,33 m²
		1719,99 m²

Number	Name	Area
OFFICE AND EMPLOYEE FACILITIES		
2.1	OPERATIONAL OFFICE 1	591,29 m²
2.2	CORRIDOR WITH STAIRCASE AND ELEVATOR	65,10 m²
2.3	WC WOMEN/DISABLED	9,54 m²
2.4	FOYER (WC MEN)	13,03 m²
2.5	URINALS (WC MEN)	4,96 m²
2.6	WC MEN	5,22 m²
2.7	HALLWAY	134,15 m²
2.8	ROOM 04	64,85 m²
2.9	FOYER (WC WOMEN)	8,32 m²
2.10	WC WOMEN	8,32 m²
2.11	FOYER (WC MEN)	5,14 m²
2.12	WC MEN	5,14 m²
2.13	CLEANING ROOM	9,97 m²
2.14	KITCHEN	35,77 m²
2.15	MEETING ROOM 01	37,46 m²
2.16	MEETING ROOM 02	39,28 m²
2.17	OFFICE 02	386,63 m²
2.18	HALLWAY (TECHNICI)	57,03 m²
2.19	HALLWAY (TECHNICI)	57,15 m²
		1537,34 m²

Number	Name	Area
Data Unit 04		
2.32	FRESH AIR 4	524,47 m²
2.35	DFC 4	373,92 m²
2.38	COLD AIR 4	673,29 m²
2.41	HOT AIR 4	148,33 m²
		1720,01 m²

Number	Name	Area
Data Unit 05		
2.33	FRESH AIR 5	524,47 m²
2.36	DFC 5	373,92 m²
2.39	COLD AIR 5	673,34 m²
2.42	HOT AIR 5	148,36 m²
		1720,09 m²

Number	Name	Area
Data Unit 06		
2.34	FRESH AIR 6	525,08 m²
2.37	DFC 6	374,60 m²
2.40	COLD AIR 6	674,17 m²
2.43	HOT AIR 6	148,43 m²
		1722,29 m²

LEGEND
LEGENDA

- NEW STRUCTURES / NOVÉ KONSTRUKCE
- TECHNOLOGIES / TECHNOLOGIE
- OFFICE AREA / KANCELÁŘSKÉ PROSTORY
- CORRIDOR / CHODBA
- OPENINIGS IN FLOORS / OTVORY V PODLAHáCH
- DATA UNIT 01 / DATA UNIT 01
- DATA UNIT 02 / DATA UNIT 02
- DATA UNIT 03 / DATA UNIT 03
- DATA UNIT 04 / DATA UNIT 04
- DATA UNIT 05 / DATA UNIT 05
- DATA UNIT 06 / DATA UNIT 06

LEGENDA STĚN
WALL LEGEND

- BRICK WALL 150 - 330MM (BEARING WALLS) / ZDěNá PříčKA 150 - 330 MM (NOSNé STěNY)
- GYPSUM BOARD WALL 75 - 300MM (OFFICE SPACES + WC) / SáDROKARTóNOVá P říčKA 75 - 3 00MM (KANCELářE + WC)
- ACOUSTIC GYPSUM BOARD WALL 150MM (ENGINE ROOM + OFFICE SPACES) / SáDROKARTONOVá AKUSTICKá P říčKA 150MM
- SANDWICH PANEL FACADE 200MM / FASáDA ZE SENDVIčOVýCH PANELů 200 MM

0 6,0m 12,0m 18,0m 24,0m 30,0m

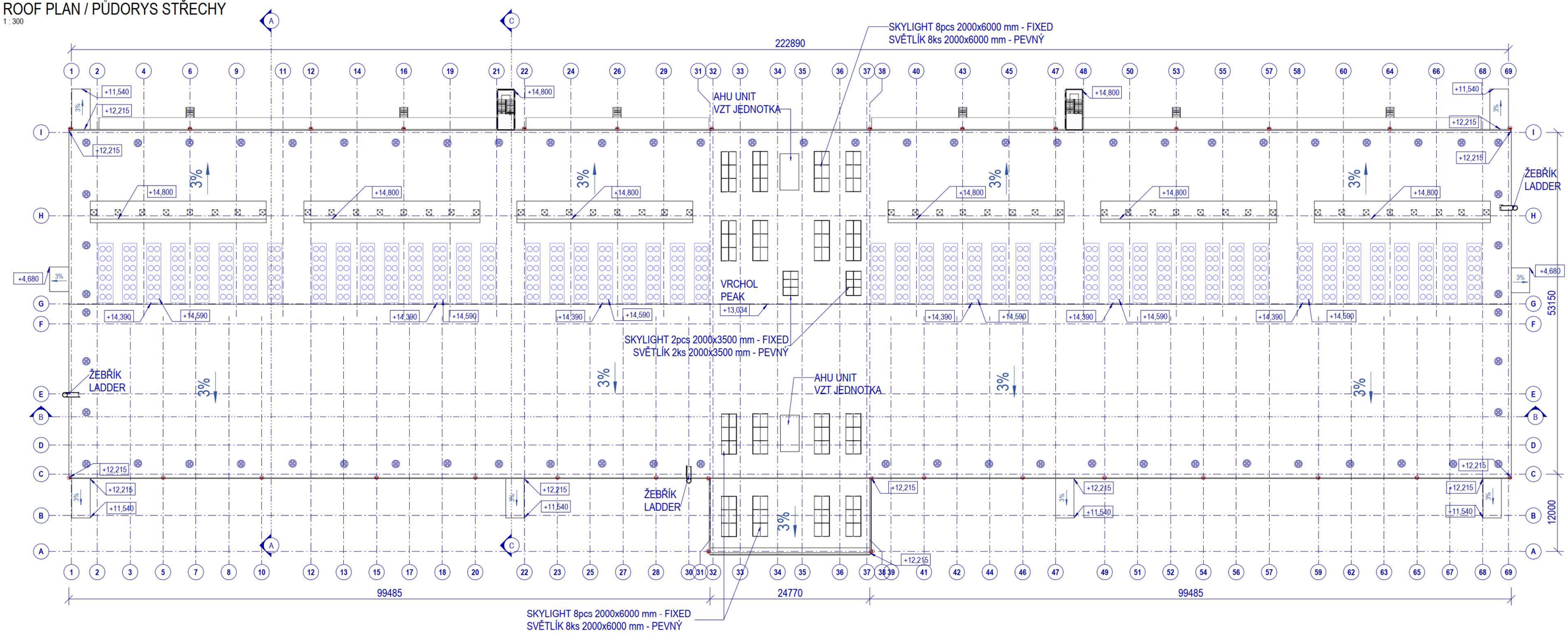
M 1:600 for A3, 1:300 for A1 paper size

NORTH

Green design

ROOF PLAN / PŮDORYS STŘECHY

1 : 300



ROOF COMPOSITION

- PVC FOIL
- THERMAL INSULATION WHOOL 330 MM
- WATERPOOF MEMBRANE
- HOLLOW-CORE PANELS 160 & 320 MM
- PRECAST CONCRETE BEAMS

STŘEŠNÍ SKLADBA

- FÓLIE
- TEPELNÁ IZOLACE Z VLNY 330 MM
- HYDROIZOLAČNÍ VRSTVA
- DUTINOVÉ PANELY 160 - 320 MM
- STROPNICE

ROOF ELEMENTS
STŘEŠNÍ PRVKY

- FALL PROTECTION SYSTEM / ZÁCHYTNÝ SYSTÉM
- DRAIN Ø 160mm / SVODY Ø 160mm
- ROOF OPENING / PROSTUP STŘECHOU
- SKYLIGHT / SKYLIGHT
- AHU UNITS / VZT JEDNOTKY
- DRY COOLER / SUCHÝ CHLADIČ

LEGEND
LEGENDA

- NEW STRUCTURES / NOVÉ KONSTRUKCE

0 6,0m 12,0m 18,0m 24,0m 30,0m

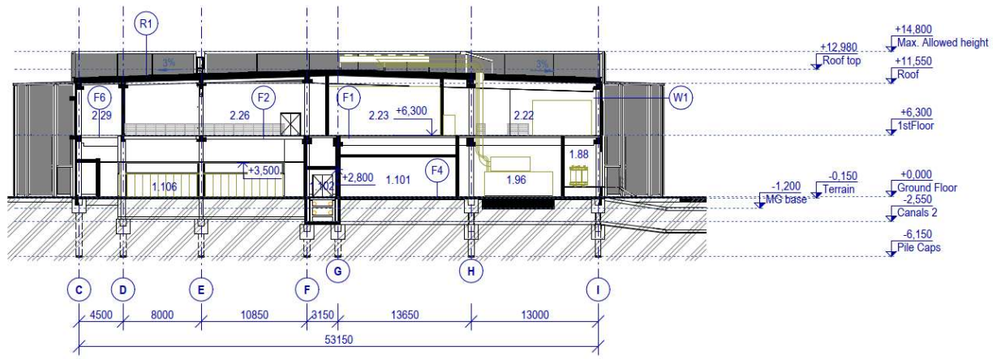
M 1:600 for A3, 1:300 for A1 paper size

NORTH

Green design

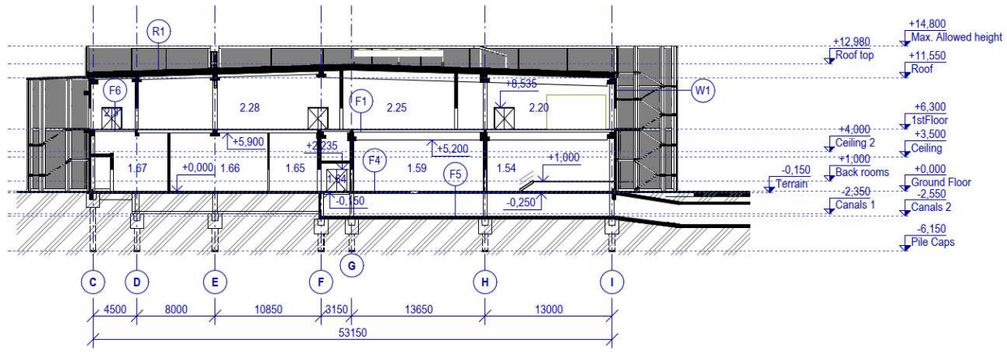
SECTION A-A´/ŘEZ A-A´

1 : 300



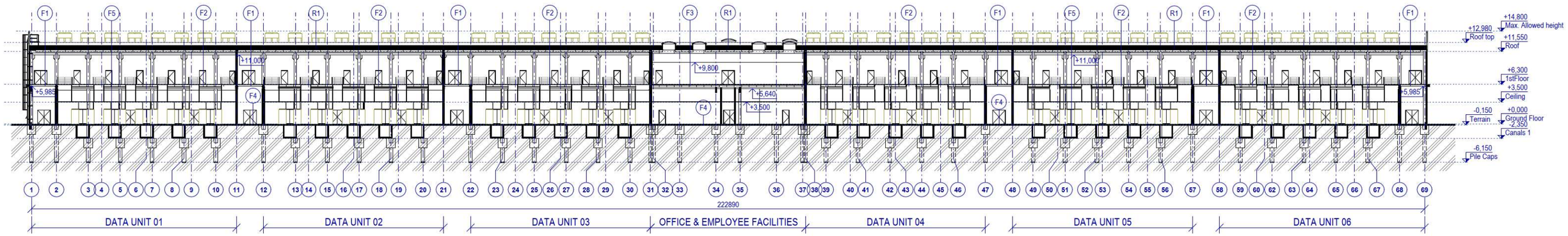
SECTION C-C´ / ŘEZ C-C'

1 : 300



SECTION B-B´ / ŘEZ B-B'

1 : 300



STRUCTURE COMPOSTITION
SKLADBA KONSTRUKCE

R1 ROOF COMPOSITION

PVC FOIL	
THERMAL INSULATION WOOL	330 mm
WATERPOOF MEMBRANE	
HOLLOW-CORE PANELS	160 & 320 mm
PRECAST CONCRETE BEAMS	

STŘEŠNÍ SKLADBA

FÓLIE	
TEPELNÁ IZOLACE Z VLNY	330 mm
HYDROIZOLAČNÍ VRSTVA	
DUTINOVÉ PANELY	160 - 320 mm
STROPNICE	

W1 WALL COMPOSITION

SANDWICH PANEL	200 mm
exteriér - plech 0,6 mm	
interiér - plech 0,5 mm	

SKLADBA FASÁDY

SANDWICH PANEL	200 mm
exterior - plech 0,6 mm	
interior - plech 0,5 mm	

F1 FLOOR COMPOSITION

CONCRETE FLOOR SLAB	80 mm
HOLLOW-CORE PANELS	165 mm

SKLADBA PODLAHY

BETONOVÁ PODLAHA	80 mm
DUTINOVÉ PANELY	165 mm

F2 FLOOR COMPOSITION

CONCRETE FLOOR SLAB	80 mm
HOLLOW-CORE PANELS	320 mm

SKLADBA PODLAHY

BETONOVÁ PODLAHA	80 mm
DUTINOVÉ PANELY	320 mm

F3 FLOOR COMPOSITION

CONCRETE FLOOR SLAB	150 mm
HOLLOW-CORE PANELS	320 mm

SKLADBA PODLAHY

BETONOVÁ PODLAHA	150 mm
DUTINOVÉ PANELY	320 mm

F4 FLOOR COMPOSITION

CONCRETE FLOOR SLAB	250 mm

SKLADBA PODLAHY

BETONOVÁ PODLAHA	250 mm

F5 FLOOR COMPOSITION

MONOLITHIC STRUCTURE	300 mm

SKLADBA PODLAHY

MONOLITOVÁ KONSTRUKCE	300 mm

F6 FLOOR COMPOSITION

STEEL GRATING	50 mm
BEARING STRUCTURE	approx. 100 mm

SKLADBA PODLAHY

KOVOVÁ MŘÍŽKA	50 mm
NOSNÁ KONSTRUKCE	cca. 100 mm

NOTE 1: THE STRUCTURAL DESIGN IS PRELIMINARY AND REQUIRES FURTHER SPECIFICATION.

POZNÁMKA 1: KONSTRUKčNí NáVRH JE PřEDBěžNý A VYžADUJE DALšI SPECIFIKACI.

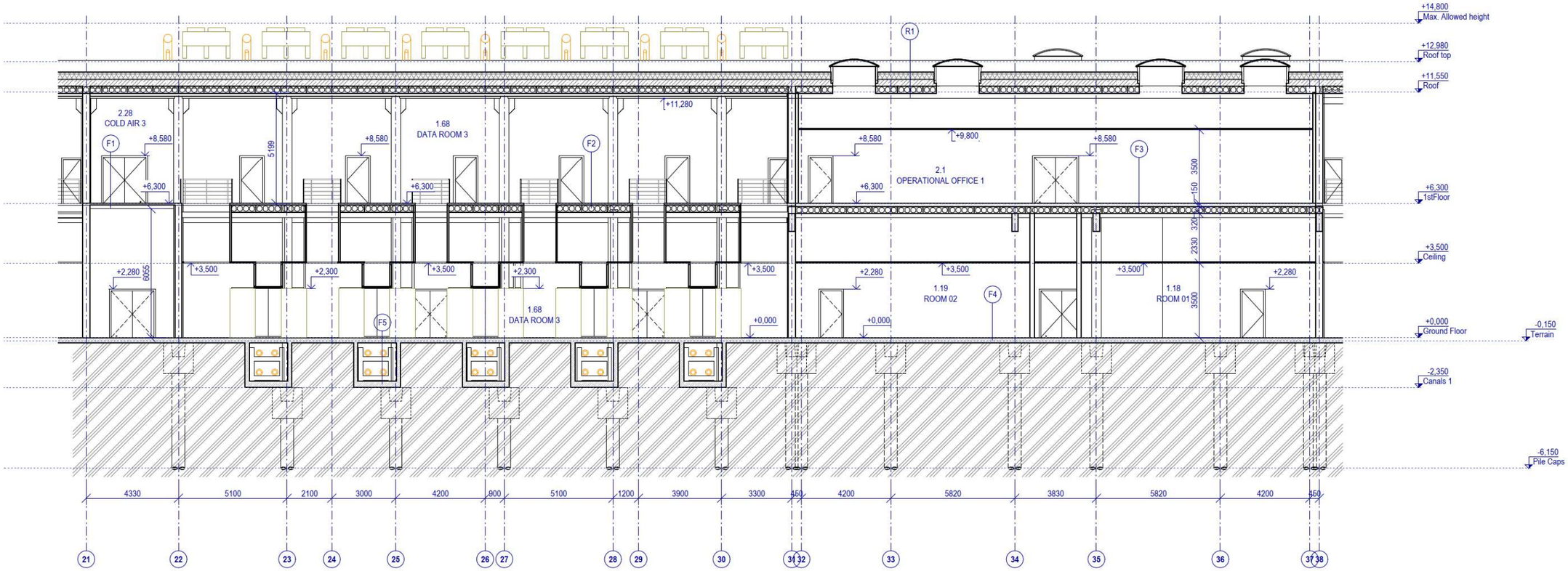
NOTE 2: PILES ARE ASSUMED TO EXTEND TO A DEPTH OF APPROXIMATELY 6–8 M. FURTHER STRUCTURAL DETAILS AND FINAL FOUNDATION DESIGN SHALL BE CONFIRMED BY THE STRUCTURAL ENGINEER.

POZNÁMKA 2: PřEDPOKLáDANá HLOUBKA PILOT JE CCA 6 –8 M. DALšI KONSTRUKčNí PODROBNOSTI A FINáLNí NáVRH ZALOžENí BUDOU UPřESNěNY STATIKEM.

Green design

SECTION B-B´ - DETAIL / ŘEZ B-B' DETAIL

1 : 100



STRUCTURE COMPOSTITION
SKLADBA KONSTRUKCE

R1 **ROOF COMPOSITION**

PVC FOIL	
THERMAL INSULATION WOOL	330 mm
WATERPOOF MEMBRANE	
HOLLOW-CORE PANELS	160 & 320 mm
PRECAST CONCRETE BEAMS	

STŘEŠNÍ SKLADBA

FÓLIE	
TEPELNÁ IZOLACE Z VLNY	330 mm
HYDROIZOLAČNÍ VRSTVA	
DUTINOVÉ PANELY	160 - 320 mm
STROPNICE	

W1 **WALL COMPOSITION**

SANDWICH PANEL	200 mm
exteriér - plech 0,6 mm	
interiér - plech 0,5 mm	

SKLADBA FASÁDY

SANDWICH PANELY	200 mm
exterior - plech 0,6 mm	
interior - plech 0,5 mm	

F1 **FLOOR COMPOSITION**

CONCRETE FLOOR SLAB	80 mm
HOLLOW-CORE PANELS	165 mm

SKLADBA PODLAHY

BETONOVÁ PODLAHA	80 mm
DUTINOVÉ PANELY	165 mm

F2 **FLOOR COMPOSITION**

CONCRETE FLOOR SLAB	80 mm
HOLLOW-CORE PANELS	320 mm

SKLADBA PODLAHY

BETONOVÁ PODLAHA	80 mm
DUTINOVÉ PANELY	320 mm

F3 **FLOOR COMPOSITION**

CONCRETE FLOOR SLAB	150 mm
HOLLOW-CORE PANELS	320 mm

SKLADBA PODLAHY

BETONOVÁ PODLAHA	150 mm
DUTINOVÉ PANELY	320 mm

F4 **FLOOR COMPOSITION**

CONCRETE FLOOR SLAB	250 mm

SKLADBA PODLAHY

BETONOVÁ PODLAHA	250 mm

F5 **FLOOR COMPOSITION**

MONOLITHIC STRUCTURE	300 mm

SKLADBA PODLAHY

MONOLITOVÁ KONSTRUKCE	300 mm

F6 **FLOOR COMPOSITION**

STEEL GRATING	50 mm
BEARING STRUCTURE	approx. 100 mm

SKLADBA PODLAHY

KOVOVÁ MŘÍŽKA	50 mm
NOSNÁ KONSTRUKCE	cca. 100 mm

NOTE 1: THE STRUCTURAL DESIGN IS PRELIMINARY AND REQUIRES FURTHER SPECIFICATION.

POZNÁMKA 1: KONSTRUKČNÍ NÁVRH JE PŘEDBĚŽNÝ A VYŽADUJE DALŠÍ SPECIFIKACI.

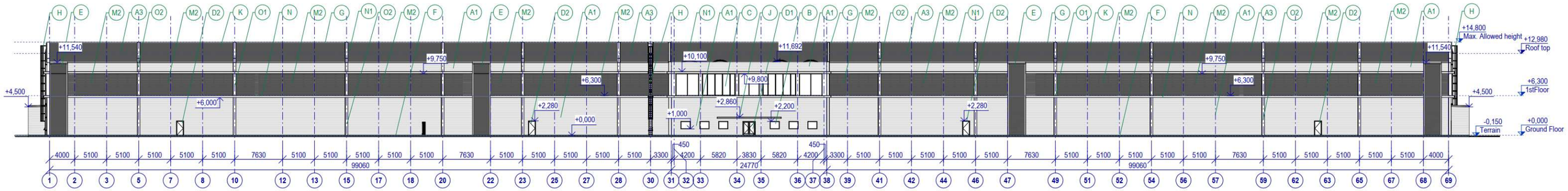
NOTE 2: PILES ARE ASSUMED TO EXTEND TO A DEPTH OF APPROXIMATELY 6–8 M. FURTHER STRUCTURAL DETAILS AND FINAL FOUNDATION DESIGN SHALL BE CONFIRMED BY THE STRUCTURAL ENGINEER.

POZNÁMKA 2: PŘEDPOKLÁDANÁ HLOUBKA PILOT JE CCA 6 –8 M. DALŠÍ KONSTRUKČNÍ PODROBNOSTI A FINÁLNÍ NÁVRH ZALOŽENÍ BUDOU UPŘESNĚNY STATIKEM.

Green design

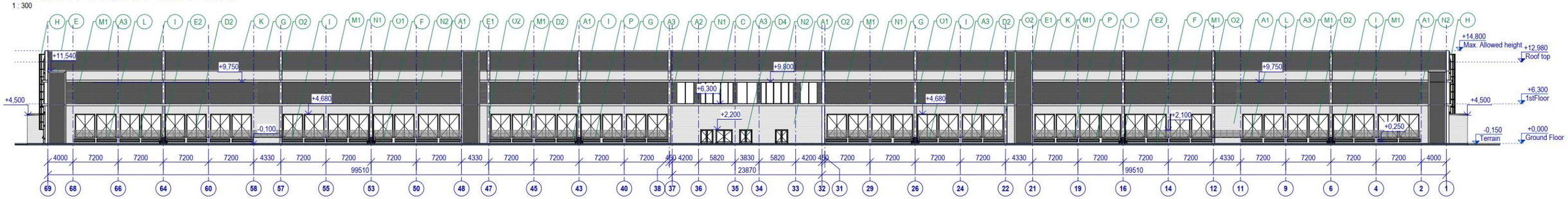
NORTH ELEVATION / POHLED SEVERNÍ

1 : 300



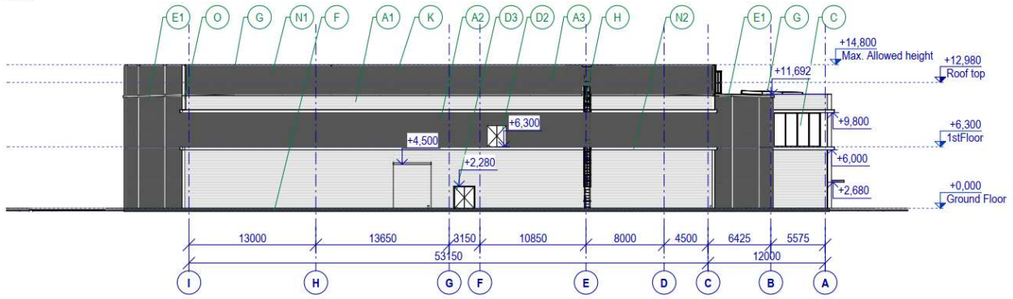
SOUTH ELEVATION / POHLED JIŽNÍ

1 : 300



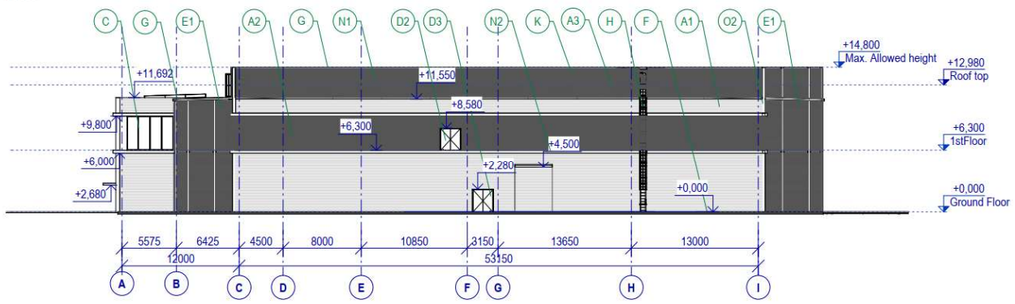
EAST ELEVATION / POHLED VÝCHODNÍ

1 : 300



WEST ELEVATION / POHLED ZÁPADNÍ

1 : 300



LEGEND OF MATERIALS
LEGENDA MATERIÁLŮ

- A1 TRAPEZOIDAL SANDWICH PANEL tl. 200 MM
- A2 METAL HORIZONTAL LOUVERS (RAL 7016)
- A3 METAL HORIZONTAL LOUVERS (RAL 9006)
- B WINDOW WITH SAFETY FOIL ALUMINIUM FRAME, DOUBLE GLASS (RAL 7016)
- C WINDOW ALUMINIUM FRAME, DOUBLE GLASS (RAL 7016)
- D1 DOOR (ENTRANCE) ALUMINIUM FRAME DOOR, PAINT (RAL 7016)
- D2 DOOR STEEL DOOR, PAINT (RAL 7016)
- D3 DOOR STEEL DOOR, PAINT (RAL 9006)
- D4 DOOR STEEL DOOR, PAINT (RAL 7016)
- E1 EXTERNAL STEEL ESCAPE STAIRCASE WITH METAL HORIZONTAL LOUVERS (RAL 7016)
- E2 EXTERNAL STAIRCASE GALVANIZED STEEL
- F SKIRTING SANDWICH FROST BEAM
- G PARAPET CAPPING STEEL SHEET (RAL 9006)

- A1 TRAPÉZOVÝ SENDVIČOVÝ PANEL tl. 200 MM
- A2 KOVOVÉ HORIZONTÁLNÍ LAMELY (RAL 7016)
- A3 KOVOVÉ HORIZONTÁLNÍ LAMELY (RAL 9006)
- B OKNO S BEZPEČNOSTNÍ FÓLIÍ HLINÍKOVÝ RÁM, DVOJITÉ SKLO (RAL 7016)
- C OKNO HLINÍKOVÝ RÁM, DVOJITÉ SKLO (RAL 7016)
- D1 DVEŘE (VSTUPNÍ) HLINÍKOVÝ RÁM, BARVA (RAL 7016)
- D2 DVEŘE KOVOVÝ RÁM, BARVA (RAL 7016)
- D3 DVEŘE KOVOVÝ RÁM, BARVA (RAL 9006)
- D4 DVEŘE KOVOVÝ RÁM, BARVA (RAL 7016)
- E1 VENKOVNÍ OCELOVÉ ÚNIKOVÉ SCHODIŠTĚ S KOVOVÝMI HORIZONTÁLNÍMI LAMELAMI (RAL 7016)
- E2 VENKOVNÍ SCHODIŠTĚ POZINKOVANÁ OCEL
- F SOKL SENDVIČOVÝ NOSNÍK
- G PARAPETNÍ DESKA KOVOVÝ PLECH (RAL 9006)

- H FIRE LADDER GALVANIZED STEEL
- I GRILL STEEL (RAL 7016)
- J CANOPY GALVANIZED STEEL
- K DRY COOLER
- L HANDRAIL GALVANIZED STEEL
- M1 SUPPLY AIR GRILLE STEEL PAINT (RAL 7016)
- M2 EXHAUST AIR GRILLE STEEL, PAINT (RAL 7016)
- N1 FLASHING STEEL SHEET (RAL 9006)
- N2 FLASHING STEEL SHEET (RAL 7016)
- O1 RAINWATER PIPES COVERED BY STEEL PLATES (RAL 7016)
- O2 RAINWATER PIPES COVERED BY STEEL PLATES (RAL 9006)
- P CATWALK STEEL GRATING (RAL 7016)

- H POŽÁRNÍ ŽEBŘÍK POZINKOVANÁ OCEL
- I MŘÍŽKA OCELOVÁ (RAL 7016)
- J PŘÍSTŘEŠEK POZINKOVANÁ OCEL
- K SUCHÝ CHLADIČ
- L ZÁBRADLÍ POZINKOVANÁ OCEL
- M1 PŘÍVODNÍ MŘÍŽKA OCELOVÁ BARVA (RAL 7016)
- M2 ODVODNÍ MŘÍŽKA OCELOVÁ, BARVA (RAL 7016)
- N1 OCELOVÝ PLECH S LEMOVÁNÍM (RAL 9006)
- N2 OCELOVÝ PLECH S LEMOVÁNÍM (RAL 7016)
- O1 DEŠŤOVÉ SVODY ZAKRYTÉ OCELOVÝMI PLECHY (RAL 7016)
- O2 DEŠŤOVÉ SVODY ZAKRYTÉ OCELOVÝMI PLECHY (RAL 9006)
- P CHODNÍČEK KOVOVÁ MŘÍŽKA (RAL 7016)

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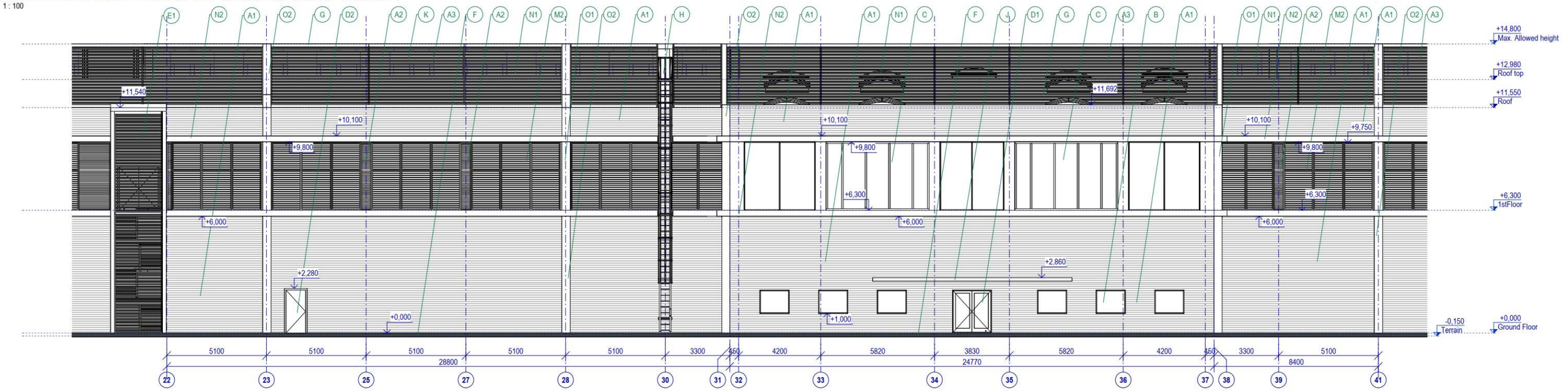
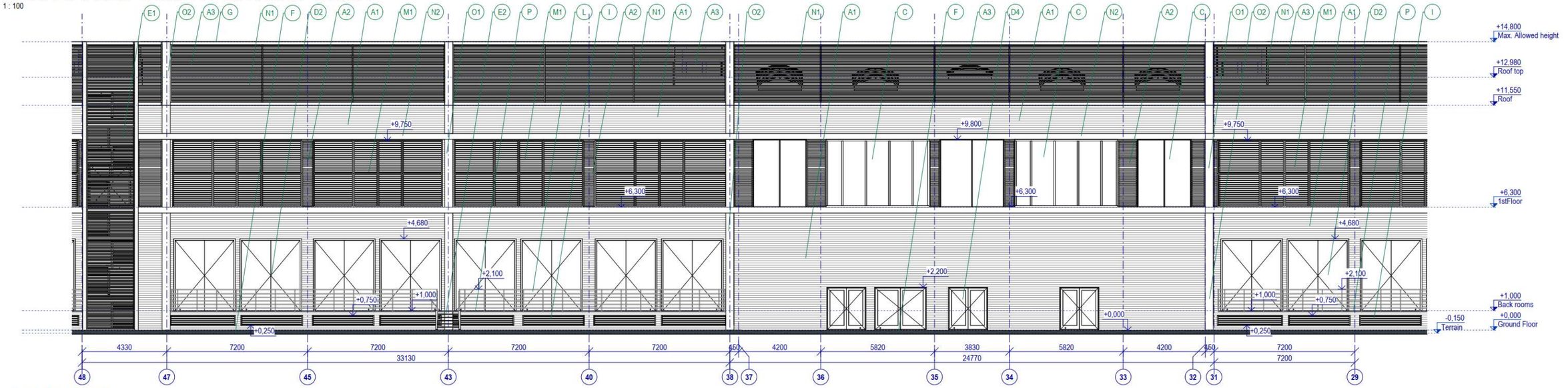
NORTH ELEVATION - DETAIL 1 / POHLED SEVERNÍ - DETAIL 1

1 : 100



SOUTH ELEVATION - DETAIL 1 / POHLED JIŽNÍ - DETAIL 1

1 : 100



LEGEND OF MATERIALS
LEGENDA MATERIÁLŮ

A1	TRAPEZOIDAL SANDWICH PANEL tl. 200 MM	A1	TRAPÉZOVÝ SENDVIČOVÝ PANEL tl. 200 MM	D4	DOOR STEEL DOOR, PAINT (RAL 7016)	D4	DVEŘE KOVOVÝ RÁM, BARVA (RAL 7016)
A2	METAL HORIZONTAL LOUVERS (RAL 7016)	A2	KOVOVÉ HORIZONTÁLNÍ LAMELY (RAL 7016)	E1	EXTERNAL STEEL ESCAPE STAIRCASE WITH METAL HORIZONTAL LOUVERS (RAL 7016)	E1	VENKOVNÍ OCELOVÉ ÚNIKOVÉ SCHODIŠTĚ S KOVOVÝMI HORIZONTÁLNÍMI LAMELAMI (RAL 7016)
A3	METAL HORIZONTAL LOUVERS (RAL 9006)	A3	KOVOVÉ HORIZONTÁLNÍ LAMELY (RAL 9006)	E2	EXTERNAL STAIRCASE GALVANIZED STEEL	E2	VENKOVNÍ SCHODIŠTĚ POZINKOVANÁ OCEL
B	WINDOW WITH SAFETY FOIL ALUMINIUM FRAME, DOUBLE GLASS (RAL 7016)	B	OKNO S BEZPEČNOSTNÍ FÓLIÍ HLINÍKOVÝ RÁM, DVOJITÉ SKLO (RAL 7016)	F	SKIRTING SANDWICH FROST BEAM	F	SOKL SENDVIČOVÝ NOSNÍK
C	WINDOW ALUMINIUM FRAME, DOUBLE GLASS (RAL 7016)	C	OKNO HLINÍKOVÝ RÁM, DVOJITÉ SKLO (RAL 7016)	G	PARAPET CAPPING STEEL SHEET (RAL 9006)	G	PARAPETNÍ DESKA KOVOVÝ PLECH (RAL 9006)
D1	DOOR (ENTRANCE) ALUMINIUM FRAME DOOR, PAINT (RAL 7016)	D1	DVEŘE (VSTUPNÍ) HLINÍKOVÝ RÁM, BARVA (RAL 7016)	H	FIRE LADDER GALVANIZED STEEL	H	POŽÁRNÍ ŽEBŘÍK POZINKOVANÁ OCEL
D2	DOOR STEEL DOOR, PAINT (RAL 7016)	D2	DVEŘE KOVOVÝ RÁM, BARVA (RAL 7016)	I	GRILL STEEL (RAL 7016)	I	MŘÍŽKA OCELOVÁ (RAL 7016)
D3	DOOR STEEL DOOR, PAINT (RAL 9006)	D3	DVEŘE KOVOVÝ RÁM, BARVA (RAL 9006)	J	CANOPY GALVANIZED STEEL	J	PŘÍSTŘEŠEK POZINKOVANÁ OCEL

K	DRY COOLER	K	SUCHÝ CHLADIČ	P	CATWALK STEEL GRATING (RAL 7016)
L	HANDRAIL GALVANIZED STEEL	L	ZÁBRADLÍ POZINKOVANÁ OCEL	P	CHODNÍČEK KOVOVÁ MŘÍŽKA (RAL 7016)
M1	SUPPLY AIR GRILLE STEEL PAINT (RAL 7016)	M1	PŘÍVODNÍ MŘÍŽKA OCELOVÁ BARVA (RAL 7016)		
M2	EXHAUST AIR GRILLE STEEL, PAINT (RAL 7016)	M2	ODVODNÍ MŘÍŽKA OCELOVÁ, BARVA (RAL 7016)		
N1	FLASHING STEEL SHEET (RAL 9006)	N1	OCELOVÝ PLECH S LEMOVÁNÍM (RAL 9006)		
N2	FLASHING STEEL SHEET (RAL 7016)	N2	OCELOVÝ PLECH S LEMOVÁNÍM (RAL 7016)		
O1	RAINWATER PIPES COVERED BY STEEL PLATES (RAL 7016)	O1	DEŠŤOVÉ SVODY ZAKRYTÉ OCELOVÝMI PLECHY (RAL 7016)		
O2	RAINWATER PIPES COVERED BY STEEL PLATES (RAL 9006)	O2	DEŠŤOVÉ SVODY ZAKRYTÉ OCELOVÝMI PLECHY (RAL 9006)		

Green design

RALSKO AI CAMPUS - VISUALISATIONS

OPTION 1

OPTION 1

OPTION 2

OPTION 3

OPTION 3