

MP - MECHANICAL PACKAGE

- MP 01 UNLOADING STATION
- MP 01.01 COAL COVERED STORAGE
- MP 01.02 COAL OPEN STORAGE
- MP 01.03 SORT SILES
- MP 01.04 CRUSHER HOUSE OF COAL
- MP 01.05 COKE DUST MILLING
- MP 01.06 COAL TRANSPORT TO COMPACTING STATION
- MP 01.07 COAL SAMPLE ROOM
- MP 01.08 DEDUSTING
- MP 02 COAL COMPACTING INCL. MACHINES
- MP 02.01 COAL COMPACTING STATION
- MP 02.02 CHARGING AND PUSHING MACHINE
- MP 02.03 HOT COKE CAR
- MP 02.04 HOT COKE PUSHER
- MP 02.05 RAILS FOR CHARGING AND PUSHING MACHINE
- MP 02.06 RAILS FOR HOT COKE CAR MACHINE
- MP 03 COKE-OVEN BATTERY
- MP 03.01 REFRACTORY BRICKWORK
- MP 03.02 FEEDER FLUE + DUMPER
- MP 03.03 COMMON FLUE
- MP 03.04 STACK + STACK TOP FLAP VALVE
- MP 03.05 STACK MAIN DUMPER - OPERATING MECHANISM
- MP 03.06 REPAIR BAY & HOISTS
- MP 03.07 TEMPORARY OVEN PROTECTION SHED
- MP 04 QUENCHING OF COKE
- MP 04.01 QUENCHING TOWER
- MP 04.02 QUENCH TANKS INCL. PIPELINES
- MP 04.03 SECONDARY QUENCHING INCL. PIPELINES
- MP 04.04 QUENCHING PUMP ROOM
- MP 04.05 SETTILING PONDS
- MP 04.06 COKE GRAB
- MP 04.07 QUENCHING CAR
- MP 04.08 RAILS FOR QUENCHING CAR
- MP 05 MP 05 COKE HANDLING
- MP 05.01 COKE WHARF EQUIPMENT
- MP 05.02 COKE SCREENING
- MP 06 OTHER OBJECTS
- MP 06.01 WAGON WEIGHBRIDGE
- MP 06.02 LABORATORY
- MP 07 MAIN CONNECTION PIPELINES
- MP 09 WASTE HEAT BOILERS + DESULPH.
- MP 09.01 BOILERS
- MP 09.02 FLUE GAS SYSTEM AND DESULPHURISATION
- MP 09.03 FABRIC FILTERS
- MP 09.04 STACKS
- MP 09.05 ASH HANDLING SYSTEM
- MP 10 POWER STATION
- MP 10.01 STEAM TURBINE
- MP 10.02 GENERATOR
- MP 10.03 LUBE OIL SYSTEM
- MP 10.04 CONDENSATE SYSTEM
- MP 10.05 COOLING WATER SYSTEM
- MP 10.06 AUXILIARY COOLING SYSTEM
- MP 10.07 HEAT EXCHANGERS OF HOT WATER
- MP 10.08 CHEMICAL WATER TREATMENT PLANT
- MP 10.09 COMPRESSOR STATION
- MP 10.10 HIGH VOLTAGE SUBSTATION
- MP 12 TRUCK, CARS, LOADER

CP - CIVIL PACKAGE

- CP 01 COAL PREPARATION
- CP 01.01 UNLOADING STATION
- CP 01.02 COVERED COAL STORAGE
- CP 01.03 COAL OPEN STORAGE
- CP 01.04 SORT SILES
- CP 01.05 CRUSHER HOUSE OF COAL
- CP 01.06 COKE DUST MILLING
- CP 01.07 CONVEYOR BRIDGES
- CP 02 COAL COMPACTING INCL. MACHINES
- CP 02.01 COAL COMPACTING STATION
- CP 03 COKE-OVEN BATTERY
- CP 03.01 COB FOUNDATIONS INCL. MACHINES
- CP 03.02 DUCT FLUES INCL. STACK
- CP 03.03 END PLATES
- CP 04 QUENCHING OF COKE
- CP 04.01 QUENCHING TOWER
- CP 04.02 QUENCHING CAR FOUNDATIONS
- CP 04.03 SETTILING PONDS INCL. PUMP ROOM
- CP 05 COKE HANDLING
- CP 05.01 COKE WHARF
- CP 05.02 COKE SCREENING
- CP 05.03 CONVEYOR BRIDGES
- CP 05.04 COKE LOADING
- CP 06 OTHER OBJECTS
- CP 06.01 ADMINISTRATION BUILDING
- CP 06.02 WORKSHOPS AND TECHNICAL BACKGROUND
- CP 06.03 GATEHOUSES
- CP 07 MAIN CONNECTION PIPELINES
- CP 08 INFRASTRUCTURE
- CP 08.01 DRINKING WATER
- CP 08.02 PROCESS AND FIRE WATER
- CP 08.03 SEWERAGE
- CP 08.04 STORM WATER SEWER
- CP 08.05 LV CONNECTION
- CP 08.06 EXTERIOR LIGHTNING
- CP 08.07 TELEPHONE CONNECTION
- CP 08.08 SITE PREPARATION
- CP 08.09 ROADS AND COMPACTED AREAS
- CP 08.10 FENCING
- CP 08.11 FINAL LANDSCAPING
- CP 08.12 TEMPORARY WORKS + HANGARS OF REFRACTORY
- CP 08.13 HEAT DISTRIBUTION
- CP 08.14 RAIL YARD
- CP 09 WASTE HEAT BOILERS + DESULPHURISATION
- CP 10 POWER STATION
- CP 11 TRANSFORMER STATION

SP - STRUCTURAL PACKAGE

- SP 01 COAL PREPARATION
- SP 02 COAL COMPACTING INCL. MACHINES
- SP 03 COKE-OVEN BATTERY
- SP 04 QUENCHING OF COKE
- SP 05 COKE HANDLING
- SP 06 OTHER OBJECTS
- SP 07 MAIN CONNECTION PIPELINES
- SP 08 INFRASTRUCTURE
- SP 09 WASTE HEAT BOILERS + DESULPHURISATION
- SP 10 POWER STATION
- SP 11 TRANSFORMER STATION

EP - ELECTRICAL PACKAGE

- EP 01 COAL PREPARATION
- EP 02 COAL COMPACTING INCL. MACHINES
- EP 03 COKE-OVEN BATTERY
- EP 04 QUENCHING OF COKE
- EP 05 COKE HANDLING
- EP 06 OTHER OBJECTS
- EP 07 MAIN CONNECTION PIPELINES
- EP 08 INFRASTRUCTURE
- EP 09 WASTE HEAT BOILERS + DESULPHURISATION
- EP 10 POWER STATION
- EP 11 TRANSFORMER STATION
- EP 13 HV/LV POWER DISTRIBUTIONS

IP - INSTRUMENTATION AND CONTROL PACKAGE

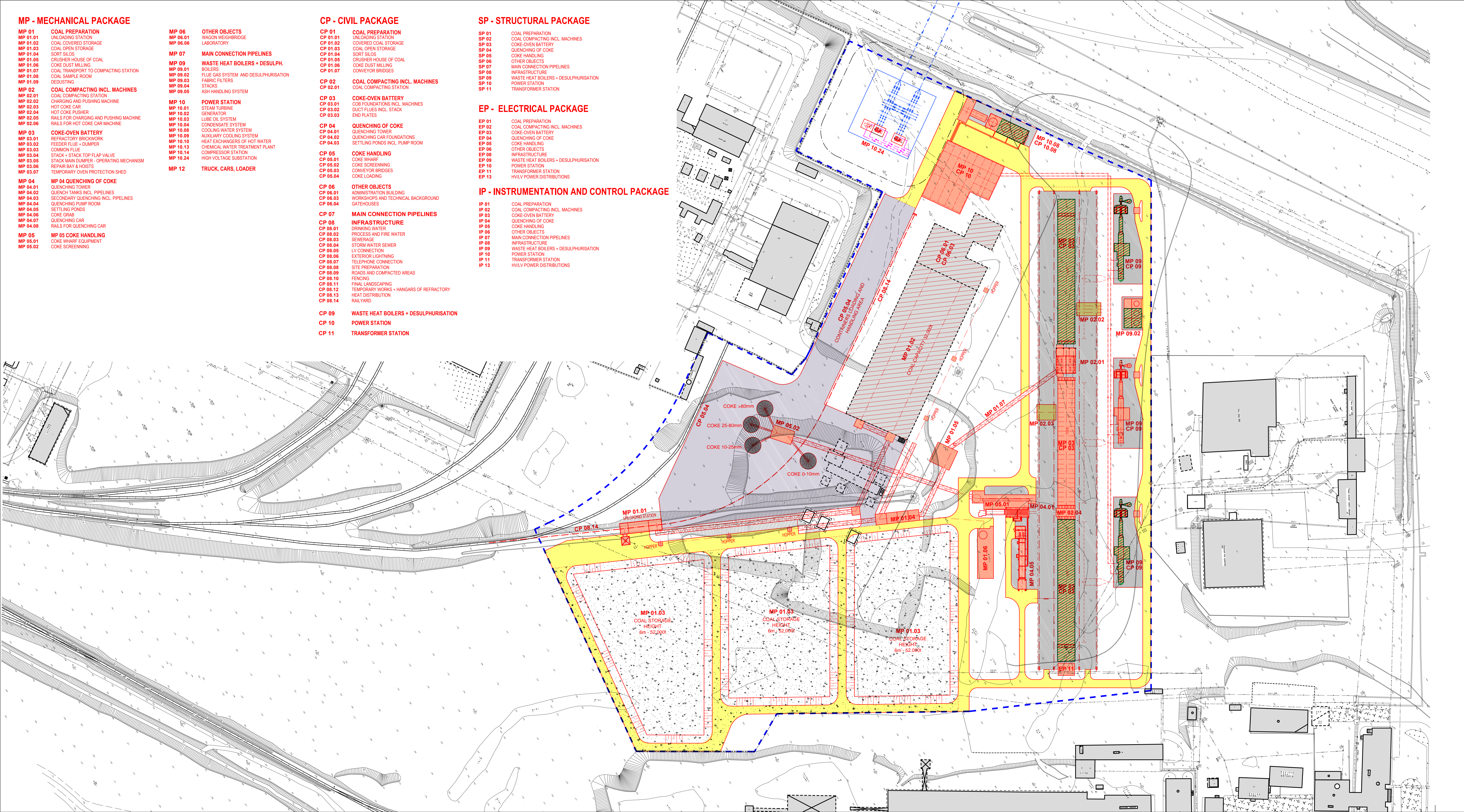
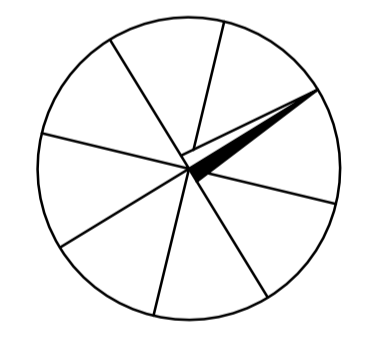
- IP 01 COAL PREPARATION
- IP 02 COAL COMPACTING INCL. MACHINES
- IP 03 COKE-OVEN BATTERY
- IP 04 QUENCHING OF COKE
- IP 05 COKE HANDLING
- IP 06 OTHER OBJECTS
- IP 07 MAIN CONNECTION PIPELINES
- IP 08 INFRASTRUCTURE
- IP 09 WASTE HEAT BOILERS + DESULPHURISATION
- IP 10 POWER STATION
- IP 11 TRANSFORMER STATION
- IP 13 HV/LV POWER DISTRIBUTIONS

LEGEND

- NEW OBJECTS
- OBJECTS NOT IN SCOPE OF DELIVERY
- OBJECTS TO BE REALIZED IN II. PHASE
- CONVEYOR BRIDGES
- NEW BUILDINGS
- EXISTING BUILDINGS
- BUILDINGS TO RECONSTRUCTION
- MACHINES
- ROADS AND PAVED AREAS - ASPHALT
- GRAVEL AREAS
- COKE EXPEDITION
- COKE EXPEDITION AREA - CONCRETE
- COAL STORAGE - ROADS
- COAL STORAGE
- ELECTRIC HV 6kV
- ELECTRIC HV NOT IN SCOPE OF DELIVERY
- PROTECTIVE ZONES
- CONSTRUCTION SITE LIMITS
- TRACKS

CURRENT LINES

- SEWERAGE
- SEWERAGE WATER
- WATER SEWERAGE
- WATER
- COMMUNICATION CABLE
- EXTERNAL LIGHTNING
- ELECTRIC LV
- ELECTRIC HV
- HEAT PIPE
- EXISTING FENCING



"DOKUMENTACE JE DUŠEVNÍM MAJETKEM FIRMY HUTNÍ PROJEKT Frydek-Místek a.s. A NE SMÍ BYT POUŽITA BEZ JEJÍHO VĚDOMÍ." / "THE DOCUMENTATION IS AN INTELLECTUAL PROPERTY OF THE COMPANY HUTNÍ PROJEKT Frydek-Místek. IT IS NOT ALLOWED TO USE IT WITHOUT CONSENSUS OF THE COMPANY."

8)	OZN. ZMĚNA MARK. CHANGE	DATUM DATE	PROVEDL DESIGNER	KONTROLA CHECK
VYPRACOVAL/ELABORATED BY PAVLA ŠKUTOVÁ				
PROJEKTANT/DESIGNER ING. PAVEL KRUPA				
SCHVÁLIL/APPROVED BY ING. JIŘÍ KNÖT				
KONTROLOVAL/CHECKED BY ING. ARCH. ROSTISLAV ČAJÁNEK				
INVESTOR CLIENT	SHARYNGOL ENERGY LLC	DATUM DATE	06/2014	UČEL PHASE
MÍSTO STAVBY SITE	Darkhan, Mongolia	UČEL PHASE	STUDIE	
STAVBA OBJECT	HR COKE OVEN PLANT DARKHAN	Č. ZAK. ORDER	10135-910-000	
TECHNICAL DOCUMENTATION		ARCHIVNÍ ČÍSLO DRAWING NUMBER	HP4-1-67840	
LISTO SHEETS	20	PROJEKT A4 NUMBER A4	20	
MĚŘITKOVÝ SCALE	1:1000	PORADOVÉ Č. SERIAL NUMBER	05	
GP 00 GENERAL LAYOUT				