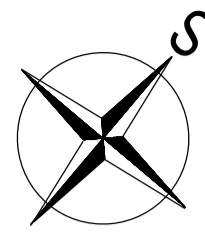


HYDROGEN TECHNOLOGY - 1ST PHASE OF CONSTRUCTION



ENERGY CHANNEL SERVICE SHAFT FOR POWER LINES
HYDROGEN TECHNOLOGY TO THE HYDROGEN DISPENSER, SEE PS-01

ENERGY CHANNEL SERVICE SHAFT FOR POWER LINES
HYDROGEN TECHNOLOGY TO THE HYDROGEN DISPENSER, SEE PS-01
VERTICAL EXPANSION ONLY IN THE ABOVE-GROUND PART OF THE STRUCTURE
(IN THE MIDDLE OF THE 16 M WALL)

REINFORCED CONCRETE PREFE TYPE ENERGY CHANNEL
FOR HYDROGEN TECHNOLOGY LINES, SEE PS 01

SERVICE SHAFT FOR HIGH-VOLTAGE AND LOW-VOLTAGE WIRING, SEE IO 01

STEEL MOBILE DOOR WITH A WIDTH OF 2 M AND A HEIGHT OF 2.6 M,
MOUNTED ON A STEEL RAIL
(GUIDE STRUCTURE FIXED INTO THE REINFORCED CONCRETE WALL)

TECHNOLOGY CONTAINER INCLUDING HYDROGEN COOLING - 20 FT CONTAINER
(6.058 X 2.438 X 2.6 M - L X W X H)
ANCHORED TO THE FOUNDATION, SEE DRAWING NO. D.1.1.1-06

REINFORCED CONCRETE PREFE TYPE ENERGY CHANNEL
FOR HYDROGEN TECHNOLOGY LINES, SEE PS 01

STEEL MOBILE DOOR WITH A WIDTH OF 2 M AND A HEIGHT OF 2.6 M,
MOUNTED ON A STEEL RAIL
(GUIDE STRUCTURE FIXED INTO THE REINFORCED CONCRETE WALL)

PRIORITY PANEL H2
ANCHORED TO THE FOUNDATION, SEE DRAWING NO. D.1.1.1-07

HIGH PRESSURE HYDROGEN RESERVOIR - 1ST PART
(2.95 X 2.31 X 5.09 M - L X W X H.)
ANCHORED TO THE FOUNDATION, SEE DRAWING NO. D.1.1.1-07

NOISE AND FIRE PROTECTION WALL MADE OF LOST FORMWORK
(0.25 X 3.0-3.3 m W X H)

FOUNDATIONS, SEE DRAWING NO. D.1.1.1-07

TYPE STEEL STAND FOR HYDROGEN PIPING, SEE PS 01

HIGH PRESSURE HYDROGEN RESERVOIR - 2ST PART
(2.95 X 2.31 X 5.09 M - L X W X H.)
ANCHORED TO THE FOUNDATION, SEE DRAWING NO. D.1.1.1-07

HYDROGEN VERTICAL TANK WITH A CAPACITY OF 95 M3 (2.8 M DIAMETER; 17.8 M HEIGHT)
ANCHORED TO THE FOUNDATIONS, SEE DRAWING NO. D.1.1.1-04

FOUNDATIONS, SEE DRAWING NO. D.1.1.1-04

TYPE STEEL STAND FOR HYDROGEN PIPING, SEE PS 01

HYDROGEN VERTICAL TANK WITH A CAPACITY OF 95 M3 (2.8 M DIAMETER; 17.8 M HEIGHT)
ANCHORED TO THE FOUNDATIONS, SEE DRAWING NO. D.1.1.1-04

AC POINT - HYDROGEN TANKER CONNECTION POINT
CONNECTED DURING BOTTLING HYDROGEN, EARTHING DESIGNED, SEE SO 04

TECHNOLOGY REDUCTION CABINET (1.44 X 0.60 X 1.92 M - L X W X H.)
(BOTTLING POINT OF HYDROGEN2); ANCHORED TO THE FOUNDATION, SEE DRAWING NO. D.1.1.1-04

STEEL MOBILE DOOR WITH A WIDTH OF 2 M AND A HEIGHT OF 2.6 M,
MOUNTED ON A STEEL RAIL
(GUIDE STRUCTURE FIXED INTO THE REINFORCED CONCRETE WALL)

FOUNDATIONS, SEE DRAWING NO. D.1.1.1-06

NITROGEN CONTAINER (CYLINDERS IN STEEL BASKET)
ANCHORED TO THE FOUNDATION, SEE DRAWING NO. D.1.1.1-06

TYPE DRAINAGE GUTTERS WITH GRATING, SEE SO 02
DRAINING OF STORM SEWER, SEE SO 03

POSSIBLE PLACE FOR COOLING UNIT

FIRE PROTECTION WALL MADE OF LOST FORMWORK
(0.25 X 3.0 W X H) - SEE DRAWING NO. D.1.1.1-04

POSSIBLE PLACE FOR COOLING UNIT

ŽELEZOBETONOVÝ PREFE TYPOVÝ ENERGOKANÁL
PRO VEDENÍ TECHNOLOGIE VODÍKU, VIZ PS 01

SERVISNÍ ŠACHTA ENERGOKANÁLU PRO VEDENÍ
TECHNOLOGIE VODÍKU
ZEMNÍČÍ PÁSEK FeZn 30x4 mm - POSPOJOVÁNÍ JEDNOTLIVÝCH CELKŮ STAVBY,
UZEMNĚNÍ REŠENO, VIZ SO 04

LEGEND OF NEW UTILITIES AND MARKINGS

- DESIGNED TECHNOLOGY NETWORK - HEAVY CURRENT CABLING - SEE IO 01
- DESIGNED TECHNOLOGY NETWORK - WEAK CURRENT CABLING - SEE IO 01
- DESIGNED DRAINAGE NETWORKS - STORM GRAVITY SEWER - SEE SO 03
- DESIGNED EARTHING OF THE PROJECT (EARTHING STRIP FEZN 30X4 MM) - SEE SO 04
- DESIGNED TECHNOLOGICAL PIPELINES - OVERHEAD PN1000 - SEE PS 01 AND PS 02
- DESIGNED TECHNOLOGICAL PIPELINES - OVERHEAD PN63 - SEE PS 01 AND PS 02
- DESIGNED TECHNOLOGICAL PIPELINES - UNDERGROUND ENERGY CHANNEL - SEE PS 01 AND PS 02
- - DISTRIBUTION OF H2, COMPRESSED AIR AND COOLING

± 0,000 = 217,800 m.n.m.b.p.s

Místo stavby:	OSTRAVA	k.ú.:	SLEZSKÁ OSTRAVA
Kraj:	MORAVSKOSLEZSKÝ		
Vypracoval:	Ing. L. Koldar	Obvodní projektant:	Ing. L. Koldar
Stavovatel:	Dopravní podnik Ostrava a.s.	Manžel projekt:	Ing. S. Kapec
Stavba:	ROZVOJ VODÍKOVÉ MOBILITY V OSTRAVĚ, 1. ETAPA - 1. A 2. FÁZE	Sheet:	SP
Výkon:	SO 01 - OBJEKTY VODÍKOVÉ TECHNOLOGIE	Průřez A4:	8
		Datum:	7/2021
		Arč. č.:	A1139
		Výkres:	D.1.1.1-02

