

L E G J E N D A / LEGEND

SIMBOLI / SYMBOL PËRSHKRIM / DESCRIPTION

 Ndriçues Industrial LED 43W, L=1.2M, IP67, IK 10, me difuzor opal 4000K
/ Industrial Lighting Fixture LED 43W, L=1.2M, IP67, IK10, with opal diffuser 4000K

 Çelës i thyeshite njëpolar 250V, 16A i montuar ne kuti metalike 3 module me kapak, e vendosur ne lartesine H=110cm nga plani i dyshemese
/ One way switch 250V, 16A mounted in 3 module metallic box with cover, installed in height H=110cm from the floor plan.

 Çelës deviat 250V, 16A i montuar ne kuti metalike 3 module me kapak, e vendosur ne lartesine H=110cm nga plani i dyshemese
/ Two way switch 250V, 16A, mounted in 3 module metallic box with cover, installed in height H=110cm from the floor plan

 Ndriçuesa emergence evakuimi me shenjë treques dalje (Exit). Rezistent ndaj zjarrit sipas (EN 60695-2-10) deri ne temperaturen 850°C, IP-40, IK 07, LED 8W, 100 000 ore pune, bal.NiCd me autonomi 3 ore, 220/230V, 50 Hz
/ Emergency lighting fixture with direction sign "Exit", fire resistant according (EN 60695-2-10) up to temperature 850 °C, IP-40, IK 07, LED 8W, 100 000 operating hour, NiCd battery with 3 hour anatomy, 220/230V, 50 Hz

 Ndriçuesi prozhektor led, per ambient te jashtem 100W, IP66, 4000K
/ Floodlight LED, for outdoor area 100W, IP66, 4000K

 Paneli Elektrik Kryesor Tunelit (P.E.K.T)
/ Tunnel Main Electrical Panel (T.M.E.P)

 Kutit shperndarrese metalike, tip metalike me kapak IP 65
/ Metallic distribution box, metallic type with cover, IP 65

 Linjë ndriçimi me kablo cu, tip FG7(O)M1, Un=0.6/1kV, S=3x1.5mm² instaluar ne tubo metalike inoxi Ø=25mm per instalime elektrike
/ Lighting line, with Cu cable, type FG7(O)M1, Un=0.6/1kV, S=3x1.5 mm² installed in steel metallic pipes Ø=25mm for electrical installations

 Linjë ndriçimi per ndriçuesit e evakuimit, me kablo Cu, tip FTG10(O)M1, Un=0.6/1kV, S=3x1.5mm² instaluar ne tubo metalik inoxi Ø=25mm per instalime elektrike
/ Lighting line, for the evacuation lighting fixtures, with Cu cable, type FTG10(O)M1, Un=0.6/1kV, S=3x1.5mm², installed in steel metallic pipes Ø=25mm for electrical installations.

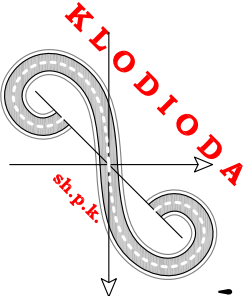
PROVISION OF THE PROJECT DESIGN FOR THE UPGRADE OF PHYSICAL SECURITY OF THE MINISTRY OF INTERIOR (MoI) SMALL ARMS LIGHT WEAPONS (SALW) AND AMMUNITION STORAGE LOCATION MAIN SUPPLE CENTRE "MULLET" NEAR TIRANA

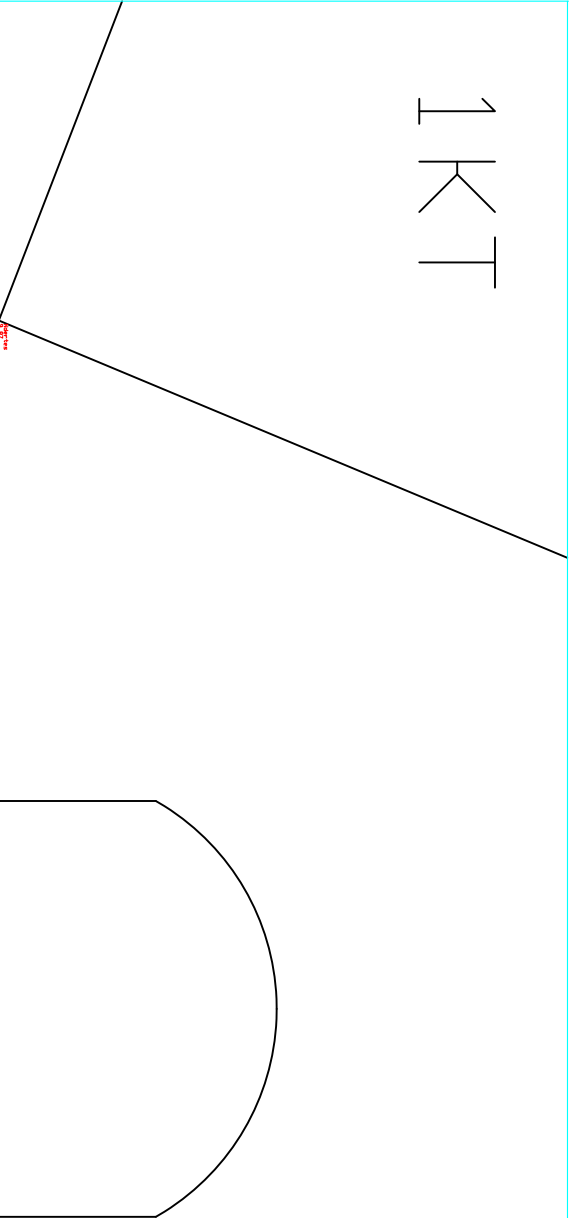
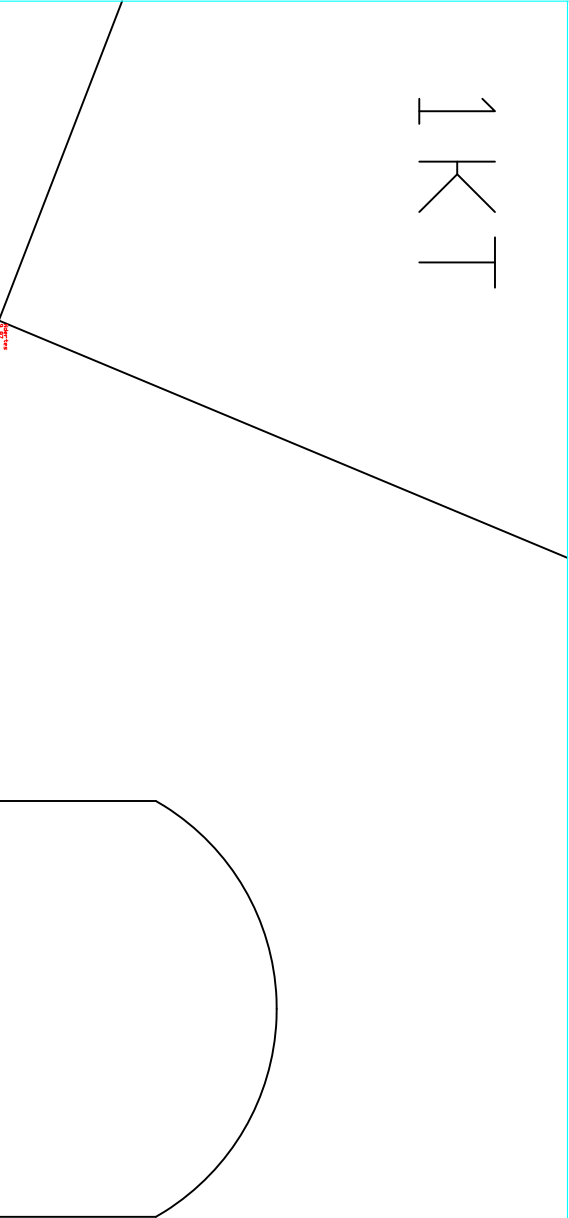
PROJEKT ZBATIM
DETAILED DESIGN

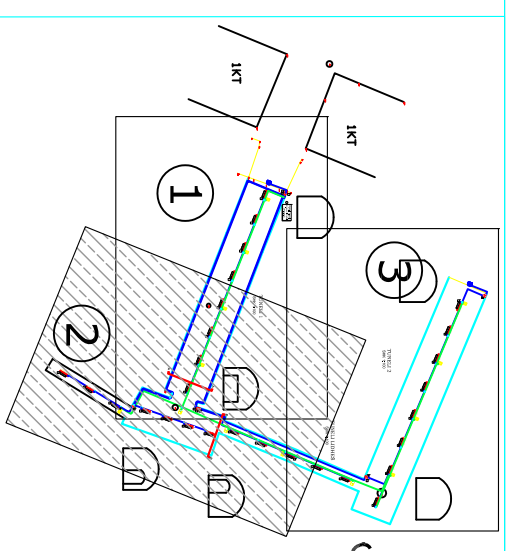
"PROJEKTI I INSTALIMEVE ELEKTRIKE
ELECTRICAL INSTALLATION DESIGN"

Grupi i Projektimit / Design group		Titulli i Dokumentit / Title Chapter	
PUNOI	Ing./Eng	YLLI KARAPICI	Shtalla e Vizimitit Scale 1:100
PUNOI	Ing./Eng	ARMOND KURTI	Data e Realizimit Created
PUNOI	Ing./Eng	KUJTIM PROSEKU	JANAR 2019/ JANUARY 2019
		Nivni i Petic Sheet Designation	FLETA III - 00

SISTEMI I NDRICIMIT NORMAL DHE EMERGJENCËS
NORMAL AND EMERGENCY LIGHTING SYSTEM

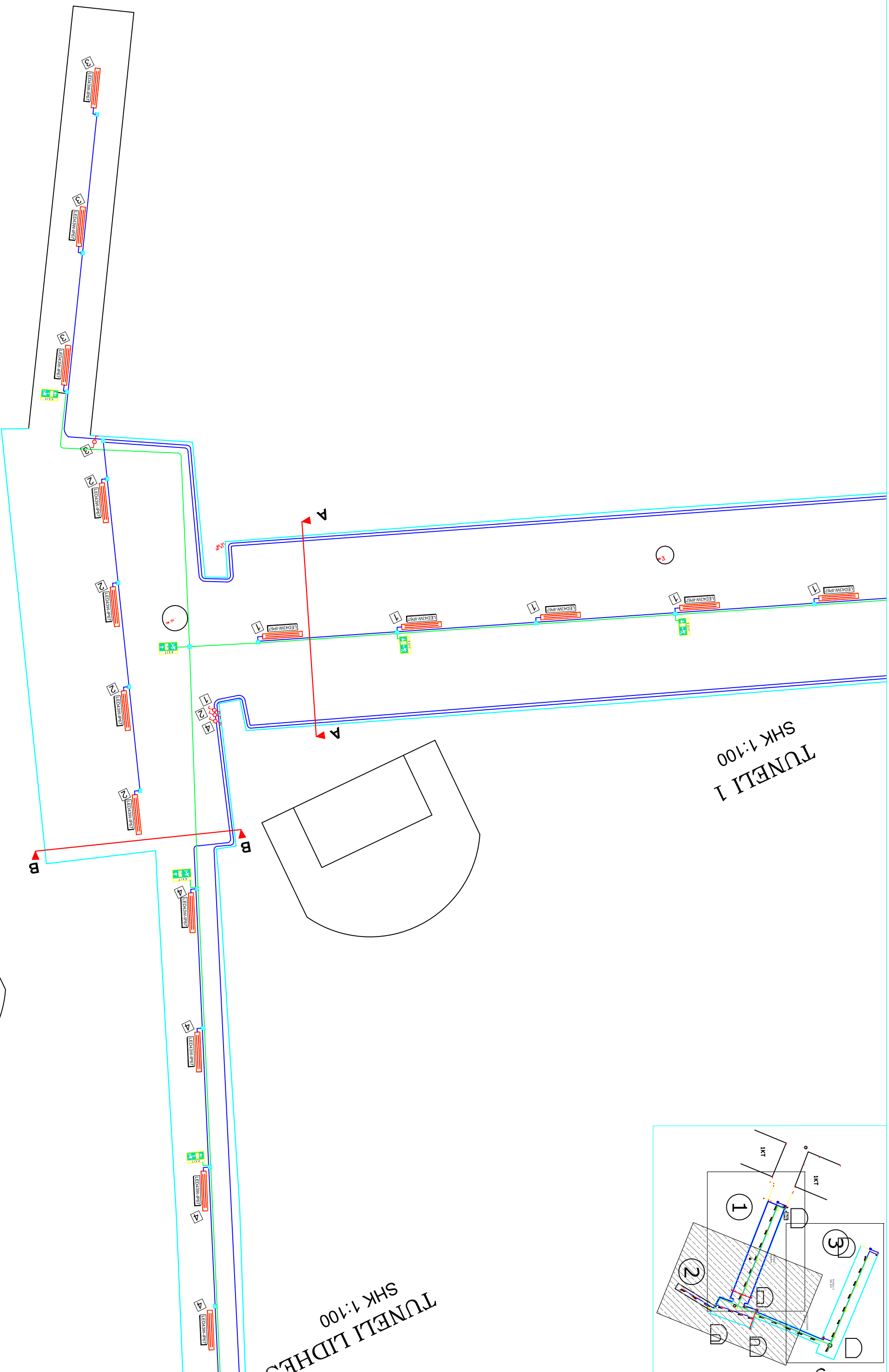
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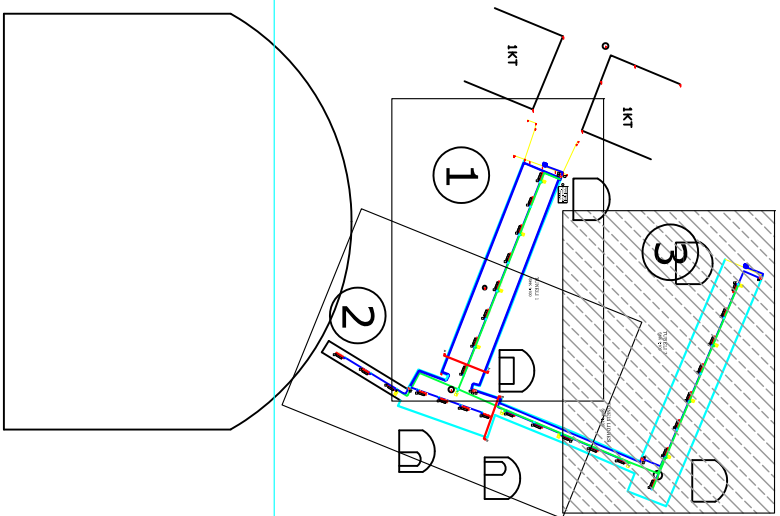




TUNNEL 1
SHK 1:100

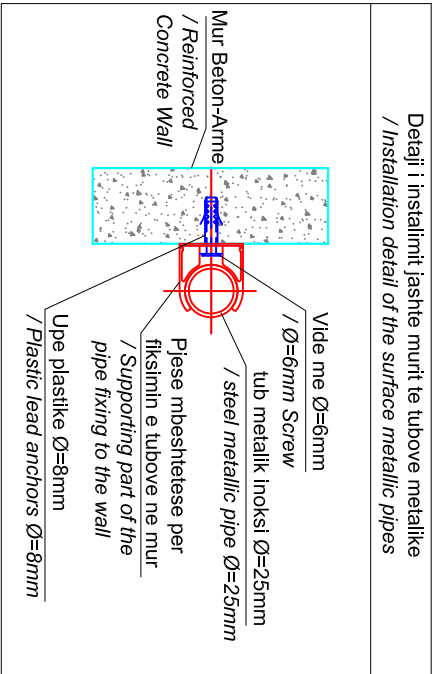
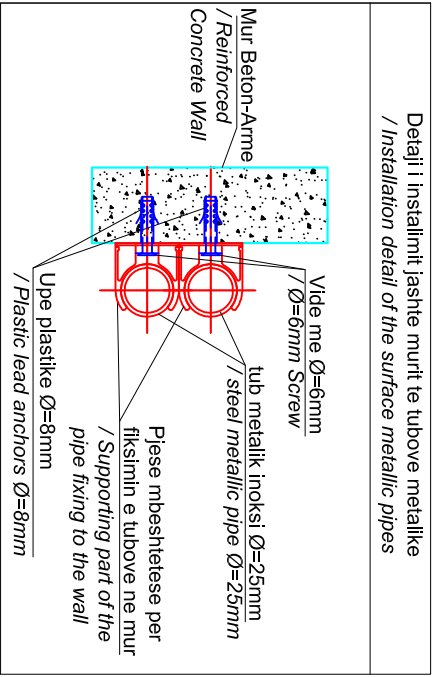
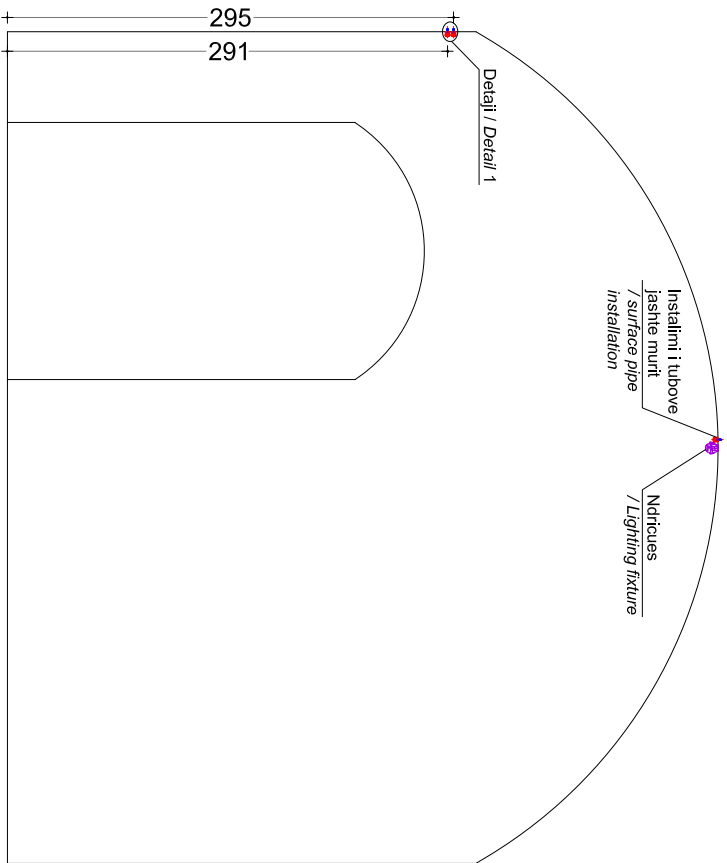
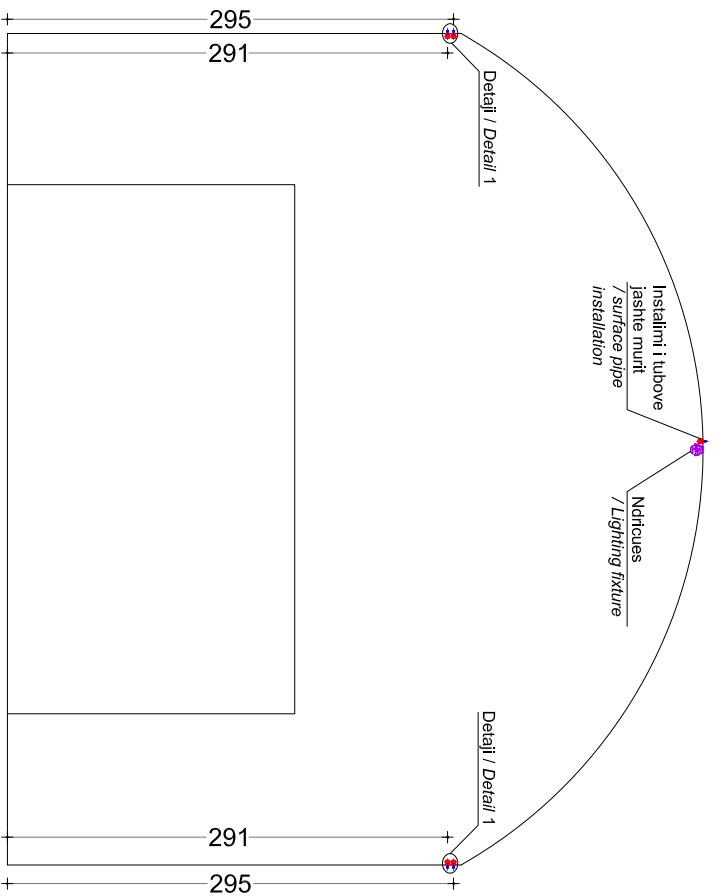
TUNNEL LIDHES
SHK 1:100

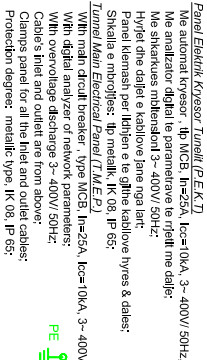




TUNNELI 2
SHK 1:100

TUNNELI LIDHES
SHK 1:100





NGARKESA LOAD	EMERTIMI LINES LINE DESCRIPTION	Shkarkues Mbrojtësori + Mbrojtje me Sigurues / Overvoltage Discharge + Fuses Protection	Analizator Digital Parametrike nëri + Mbrojtje me Sigurues / Multimeter Digital + Digital Analyzer Protection of Digital Multimeter	AUTOMATI KRESOR KUALITETI ELEKTRIK ELECTRIC BOARD MAIN CIRCUIT BREAKER	FURNIZON LINE NDRICIM 01 SUPPLY LIGHTING LINE 01	FURNIZON LINE NDRICIM 02 SUPPLY LIGHTING LINE 02	FURNIZON LINE NDRICIM 03 SUPPLY LIGHTING LINE 03	FURNIZON LINE NDRICIM 04 SUPPLY LIGHTING LINE 04	FURNIZON LINE NDRICIM 05 SUPPLY LIGHTING LINE 05	FURNIZON NDRICUES EMERGENCE EMERGENCY LIGHTING	FURNIZON REZERVE 01 SUPPLY SPARE 01	FURNIZON REZERVE 02 SUPPLY SPARE 02	FURNIZON REZERVE 03 SUPPLY SPARE 03
	NUMRI DOKUM. ELEKTRIK ELECTRICAL CIRCUIT NUMBER	L.00 - P.E.K.T / T.M.E.P	L.00 - P.E.K.T / T.M.E.P	L.01 - P.E.K.T / T.M.E.P	L.02 - P.E.K.T / T.M.E.P	L.03 - P.E.K.T / T.M.E.P	L.04 - P.E.K.T / T.M.E.P	L.05 - P.E.K.T / T.M.E.P	L.06 - P.E.K.T / T.M.E.P	L.07 - P.E.K.T / T.M.E.P	L.08 - P.E.K.T / T.M.E.P	L.09 - P.E.K.T / T.M.E.P	L.09 - P.E.K.T / T.M.E.P
	NJE / THE FAZORE ONE / THREE PHASE	3	3	3	1	1	1	1	1	1	1	1	1
	NUMRI I MODULEVE NUMBER OF MODULES	4	4	4	2	2	2	2	2	2	2	2	2
	FLUJA INSTALUAR KRYEKUAR (KW) INSTALLED / APPARENT POWER			2	0.35	0.35	0.22	0.17	0.13	0.1			
	NUMRI I POLEVE NUMBER OF POLES	3P+N	3P+N	3P	2P	2P	2P	2P	2P	2P	2P	2P	2P
	RYRYNA NOMINALE NOMINAL CURRENT	32	100/5	25	10	10	10	10	10	10	10		
	TENSIONI NOMINAL NOMINAL VOLTAGE	400	400	400	230	230	230	230	230	230	230	230	230
	TIP I AUTOMATIT / SIGURESES CIRCUIT BREAKER / FUSE TYPE	SPD TIPI 1		MCB	MCB	MCB	MCB	MCB	MCB	MCB	MCB	MCB	MCB
	RYRYNA E CYKLES DISCONNECTION CURRENT	40											
TIP I PERCALLESTIT / KABLOS TYPE OF CONDUCTOR / CABLE			FGTOM1	FGTOM1	FGTOM1	FGTOM1	FGTOM1	FGTOM1	FTIG100M1				
NR. DEJEVE / SEKSIONI NO OF WIRES / SECTION			4 x 6	3 x 1.5	3 x 1.5	3 x 1.5	3 x 1.5	3 x 1.5	3 x 1.5				
GLATESIA / LENGTH	(m)												
FAZIMI I LIDHJES PHASE CONNECTION	L.1, L2, L3, N, PE	L.1, L2, L3, N,	L.1, L2, L3, N, PE	L.1, N, PE	L.2, N, PE	L.3, N, PE	L.1, N, PE	L.2, N, PE	L.3, N, PE	L.1, N, PE	L.2, N, PE	L.3, N, PE	

Shënime Teknike / Technical Notes:

1. Paneli elektrik do të jete metalik, me shkalle mbrojtjele IP65, me rakorderi metalike per lidhjen e tubove elektrike.
/ Electrical Panel shall be metallic, with protection degree IP65, metallic fittings for the electrical pipe connection.
2. Të gjithë ndricuesit duhet te jene per perdorim në me shkalle mbrojtjele IP67, hermetik.
/ All lighting fixtures shall be for use with IP67 protection degree, hermetic.
3. Të gjithë kabllo per rrejin do te jene kabllo bakri, Un=0,6/1kv tip FG7(O)M1.
/ All network cables shall be Copper Cable Un=0,6/1kv type FG7(O)M1.
4. Te gjithë kabllo e ndicimit do te instaloohen ne tubo metalik inoksi.
/ All lighting cables shall be installed in steel metallic pipes.
5. Linja kryesore e furnizimit me energji elektrike te merret nga linja ektuzuese e tunelit.
/ Main power supply line shall be taken from the existing line of the tunnel.
6. Mbas instalimeve elektrike nga ana e kontraktorit te punimeve elektrike te behet, kolaudimi dhe certifikimi i instalimeve elektrike sipas normative dhe ligjeve ne fuqi.
/ After the electrical installation from the contractor, shall be done the commissioning and certification of the electrical installations from the contractor.