

Titulli i projektit / Project Title:

"PROJEKTIMI I SISTEMIT TE MONITORIMIT DHE KONTROLLIT TE
TRAFIKUT RRUGOR"

DESIGN OF ROAD TRAFFIC MONITORING AND CONTROL SYSTEM

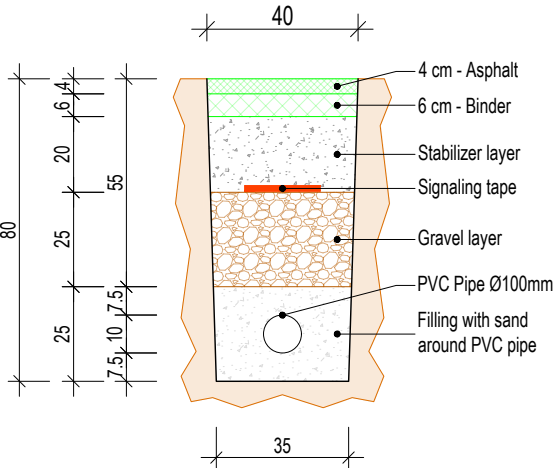
Segment Rrogozhine - Lushnje (*Rrogozhine - Lushnje Highway, 13.9 km*)

GENERAL

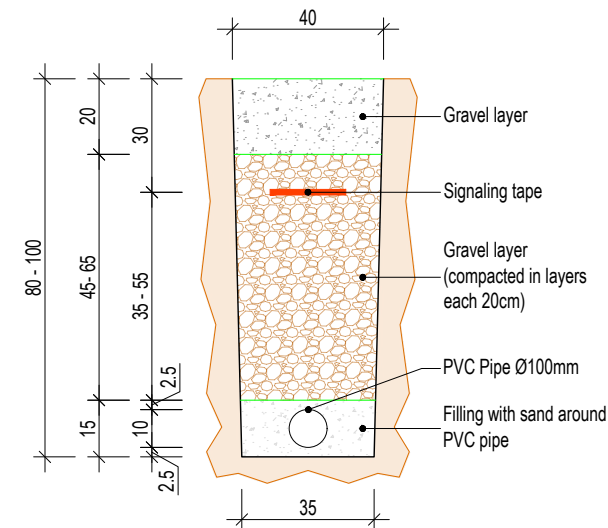
These drawings represent all the civil works that will be carried out on the Sites where the monitoring and control systems will be placed. These works include:

- 1- Preparation works (sites cleaning).
- 2- Channels excavation for placement/installation of optical fiber, main lines (from one Site to another) and secondary lines, for the installation of all elements of the "Site". This also includes excavation works for the foundations of metal structures (CCTV mounting Pole, camera structures (VSLS, LCS, LPR) etc.
- 3- Fiber channels are foreseen to be placed on the roadside, paved or unpaved, depending on the specific situation.
- 4- Typical detail for the placement of the main and secondary fiber line, obtained from the Albanian Road Authority (ARA), "Technical Rule for Laying the Underground Cable Network on Road Axes".

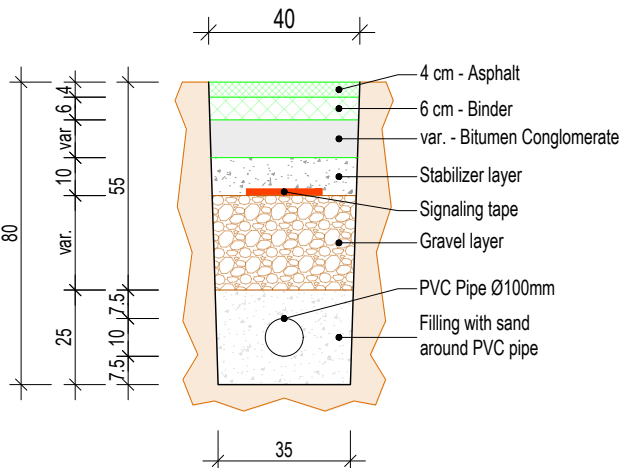
Excavation Section on asphalt, for fiber crossing, main & secondary line, Sc.1: 20



Excavation Section on unpaved shoulder, for fiber crossing, main & secondary line, Sc.1: 20



Excavation Section on asphalt, for fiber crossing, main & secondary line, Sc.1: 20



6- Layer works. After channel's opening and installing the PVC Ø100mm pipe for laying cables / fiber, layers will be built to return the site to the existing / previous condition.

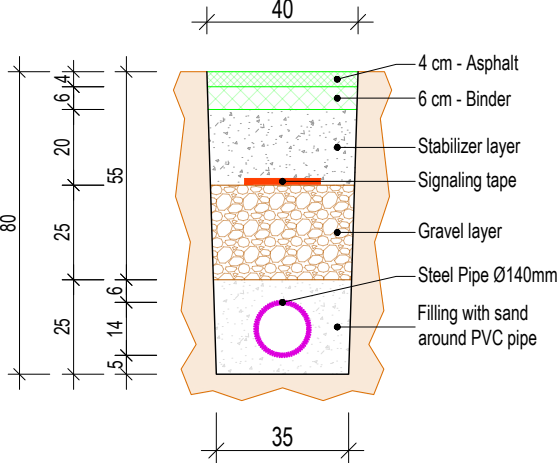
7- Concrete works. Construction of reinforced concrete foundations of metallic structures. Dimensions and reinforcement of foundations are given in the drawings: "Metallic Structures - Details". Supply and placement (assembly and installation) of metallic structures of various systems, such as LPR Gantry, VSLS - LCS Gantry, CCTV Steel Pole, etc., the drawings of which are presented in "Metallic Structures - Details".

NOTE:

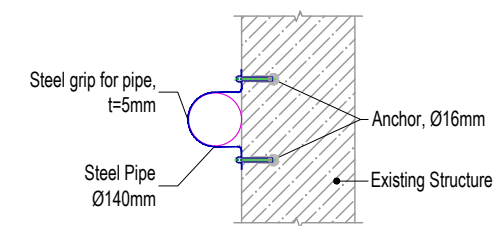
At all road cabinet & power box will be placed a guard-rail (at least L=2m) with 2 ends. For more details on the guardrails, see the relevant drawings

5- At intersections, it is envisaged that the fiber optic line will be crossed (protected) inside a steel pipe, Ø140mm. Steel pipe will also be used in cases of transitions to structures.

Placement of steel pipe on the road, for fiber crossing, main & secondary line, Sc.1: 20



Placement of steel pipe on existing structures, for fiber crossing, main & secondary line, Sc.1: 20



NOTE:

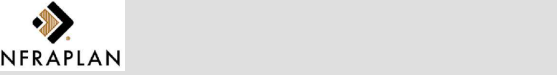
The road layers for the excavation sections will be verified on site by the contractor and supervisor, and in any case, the existing layer package will be applied after placement of pipes for laying cables.

● CCTV DOME Seg.No	CCTV Camera	
◀ LPR Ramp Seg.No	LPR RAMP	
■ TSNs-No	TRAFFIC SIGNAL RAMP	
◀ LPR Speed Seg.-No	LPR SPEED CAMERA	
WS No	METEO WS	
■ SOS Seg.No	SOS EPS	
VMS	VMS Electronic Table	
VSLS/LCS Seg.-No	VSLS / LCS	
iWIM	iWIM	
RC Ns	Road Cabinet	
PB Ns	Power Box	
CPNs-6m / DMZ	Concrete Pole, Height 6m Demarkation Point	
MH No	Manhole	
Gantry VSLS / LCS	Metallic structure for installation of VSLS / LCS systems. Dimensions and details are given in the document "Metallic Structures - Details", sheets K-001 to K-004	
LPR Gantry	Metallic structure for installation of LPR systems. Dimensions and details are given in the document "Metallic Structures - Details", sheets K-005 to K-011	
SPNs-15m	CCTV Steel Pole, Height 15m	Metallic structure for installation of CCTV systems. Dimensions and details are given in the document "Metallic Structures - Details", sheets K-012 to K-013
SPNs-4m	Steel Pole, Height 4m	Metallic structure for installation of LPR Speed, LPR Ramp, Traffic Signal Ramp systems etc. Dimensions and details are given in the document "Metallic Structures - Details", sheet K-014
CPNs-6m-SA4m	Steel Cantilever Pole, Height 6m, Single Arm, Length 4m	Metallic structure for installation of LPR Speed, LPR Ramp etc. Dimensions and details are given in the document "Metallic Structures - Details", sheets K-015 to K-017
CPNs-6m-SA6m	Steel Cantilever Pole, Height 6m, Single Arm, Length 6m	Metallic structure for installation of LPR Speed, LPR Ramp etc. Dimensions and details are given in the document "Metallic Structures - Details", sheets K-018 to K-020
CPNs-6m-DA6m	Steel Cantilever Pole, Height 6m, Double Arm, Length 6m	Metallic structure for installation of LPR Speed, LPR Ramp etc. Dimensions and details are given in the document "Metallic Structures - Details", sheets K-021 to K-023
Metallic Structure - VMS		
CPFlag	Flag Cantilever	Metallic structure for installation of LPR Speed, LPR Ramp etc. Dimensions and details are given in the document "Metallic Structures - Details", sheets K-024 to K-025
Support for VMS / VSLS / LPR		
TO No SITE	To Site (No of Site)	Direction symbol, from one Site to another Site
Optic Fibre (Main Line)		Main optic fiber line from Site "i" to Site "i+1". Fiber channels are foreseen to be placed on the roadside, paved or unpaved. Furthermore, see "Typical detail for the placement of the main and secondary fiber line"
Optic Fibre (Secondary Line)		Secondary optic fiber line. Fiber channels are foreseen to be placed on the roadside, paved or unpaved. Furthermore, see "Typical detail for the placement of the main and secondary fiber line"
Steel Pipe Ø140mm		Steel Pipe Ø140mm to protect main and secondary fiber line at intersections or crossing existing structures. Furthermore, see details for placing steel pipe on road or in existing structures

GRUPI I PROJEKTIMIT / DESIGN TEAM



JV "TECHNIC - TML - INFRAPLAN SH.P.K."
Rruga "Brigada VIII", Nd.23, H.16, Ap.49,
Njësia Administrative Nr.5, 1019, Tiranë, Shqipëri
mobile: +355 0682034917
e-mail: info@infraplan.al
web: www.infraplan.al



Topografia	Ing. Adrian Bulku	Licenca: TZ.0479/1	
Struktura	Ing. Besjan Mulkurti	Licenca: K.1552/2	
Infrastruktura	Ing. Sokol Kikino	Licenca: K.2012/1	
Arkitektura	Ark. Jona Osmenaj	Licenca: A.2067	
Arkitektura	Ark. Nerta Konomi	Licenca: A.1437/1	
Elektrike	Ing. Hasan Bekteshi	Licenca: E.0188/3	
Ekspert i Komunikacionit	Ing. Aldo Çoba		

TITULLI I PROJEKTIT / PROJECT TITLE

"PROJEKTIMI I SISTEMIT TE MONITORIMIT DHE KONTROLLIT TE TRAFIKUT RRUGOR"

KLIENTI / CLIENT MIE & ARRSH

PËRSHKRIMI I FAZËS / PHASE DESCRIPTION

Projekt Zbatim

ENËRTIMI I VIZATIMIT / DRAWING TITLE

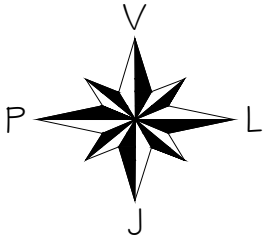
General

SHKALLA / SCALE 1:20 DATA/DATE February 2022

KODI I VIZATIMIT / DRAWING CODE Nr. I VIZATIMIT / DRAWING NO.

KODI	FAZA/PHASE	DISIPLINA	I-143
B.T	P.Z	I	

FORMAT: A3 (420mmx297mm)



SCHEDULE LIST OF SITES

NAME OF SITE	CO-ORDINATES X(m)	CO-ORDINATES Y(m)
AL - ARA 0116	386188.605	4546727.206
AL - ARA 0117	386592.420	4545432.378
AL - ARA 0118	386902.315	4544795.736
AL - ARA 0119	387125.120	4544245.772
AL - ARA 0120	387270.954	4542377.436
AL - ARA 0121	387442.035	4541868.043
AL - ARA 0122	387551.528	4541545.282
AL - ARA 0123	387624.931	4540973.145
AL - ARA 0125	387921.201	4539209.172
AL - ARA 0126	388087.934	4538505.371
AL - ARA 0127/A & 0127/B	387943.791	4537845.122
AL - ARA 0128	388138.266	4537202.272
AL - ARA 0129	388973.920	4535575.758
AL - ARA 0130	389435.817	4534667.810

GRUPI I PROJEKTIMIT / DESIGN TEAM



JV "TECHNIC - TML - INFRAPLAN SH.P.K."

Rruga "Brigada VIII", Nd.23, H.16, Ap.49, Njësia Administrative Nr.5, 1019, Tiranë, Shqipëri



mobile: +355 0682034917
e-mail: info@infraplan.al
web: www.infraplan.al



Topografia	Ing. Adrian Bulku	Licenca: TZ.0479/1	
Struktura	Ing. Besjan Mulkurti	Licenca: K.1552/2	
Infrastruktura	Ing. Sokol Kikino	Licenca: K.2012/1	
Arkitektura	Ark. Jona Osmenaj	Licenca: A.2067	
Arkitektura	Ark. Nerta Konomi	Licenca: A.1437/1	
Elektrike	Ing. Hasan Bekteshi	Licenca: E.0188/3	
Ekspert i Komunikacionit	Ing. Aldo Çoba		

TITULLI I PROJEKTIT / PROJECT TITLE

"PROJEKTIMI I SISTEMIT TE MONITORIMIT DHE KONTROLLIT TE TRAFIKUT RRUGOR"

KLIENTI / CLIENT MIE & ARRSH

PËRSHKRIMI I FAZËS / PHASE DESCRIPTION

Projekt Zbatim

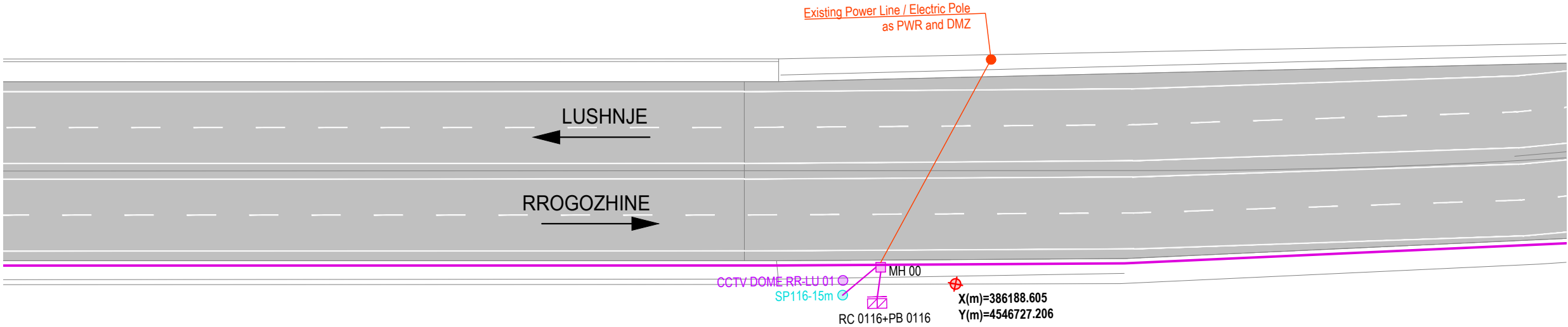
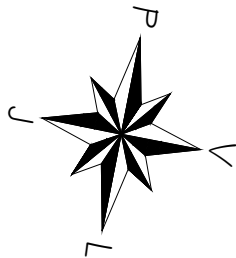
EMËRTIMI I VIZATIMIT / DRAWING TITLE

Reference Plans and Coordinates of Sites

SHKALLA / SCALE 1:500 DATA/DATE February 2022

KODI I VIZATIMIT / DRAWING CODE Nr. I VIZATIMIT / DRAWING NO.

KODI B.T	FAZA/PHASE P.Z	DISIPLINA I	I-144
----------	----------------	-------------	-------



AL - ARA 0116		
SYMBOL	DESCRIPTIONS	Pc
CCTV DOME Seg.-No	CCTV Camera	1
LPR Ramp Seg.-No	LPR RAMP	0
TSNs-No	TRAFFIC SIGNAL RAMP	0
LPR Speed Seg.-No	LPR SPEED CAMERA	0
WS No	METEO WS	0
SOS Seg.-No	SOS EPS	0
VMS	VMS Electronic Table	0
VSLs/LCS Seg.-No	VSLs / LCS	0
iWIM	iWIM	0
RC Ns	Road Cabinet	1
PB Ns	Power Box	1
CPNs-6m / DMZ	Concrete Pole, Height 6m Demarcation Point	0
MH No	Manhole	1
Gantry VSLs / LCS	Gantry VSLs / LCS	0
LPR Gantry	LPR Gantry	0
SPNs-15m	CCTV Steel Pole, Height 15m	1
SPNs-4m	Steel Pole, Height 4m	0
CPNs-6m-SA4m	Steel Cantilever Pole, Height 6m, Single Arm, Length 4m	0
CPNs-6m-SA6m	Steel Cantilever Pole, Height 6m, Single Arm, Length 6m	0
CPNs-6m-DA6m	Steel Cantilever Pole, Height 6m, Double Arm, Length 6m	0
Metallic Structure - VMS	Metallic Structure - VMS	0
CPFlag	Flag Cantilever	0
TO No SITE	To Site (No of Site)	-
	Optic Fibre (Main Line)	0
	Optic Fibre (Secondary Line)	8
	Steel pipe Ø140mm	0

No - Number
Ns - Number of Site

GRUPI I PROJEKTIMIT / DESIGN TEAM



JV "TECHNIC - TML - INFRAPLAN
SH.P.K."

Rruga "Brigada VIII", Nd.23, H.16, Ap.49,
Njësia Administrative Nr.5, 1019, Tiranë, Shqipëri



mobile: +355 0682034917
e-mail: info@infraplan.al
web: www.infraplan.al



Topografia	Ing. Adrian Bulku	Licenca: TZ.0479/1	
Struktura	Ing. Besjan Mulkurti	Licenca: K.1552/2	
Infrastruktura	Ing. Sokol Kikino	Licenca: K.2012/1	
Arkitektura	Ark. Jona Osmenaj	Licenca: A.2067	
Arkitektura	Ark. Nerta Konomi	Licenca: A.1437/1	
Elektrike	Ing. Hasan Bekteshi	Licenca: E.0188/3	
Ekspert i Komunikacionit	Ing. Aldo Çoba		

TITULLI I PROJEKTIT / PROJECT TITLE

"PROJEKTIMI I SISTEMIT TE MONITORIMIT DHE KONTROLLIT TE
TRAFIKUT RRUGOR"

KLIENTI / CLIENT **MIE & ARRSH**

PËRSHKRIMI I FAZËS / PHASE DESCRIPTION

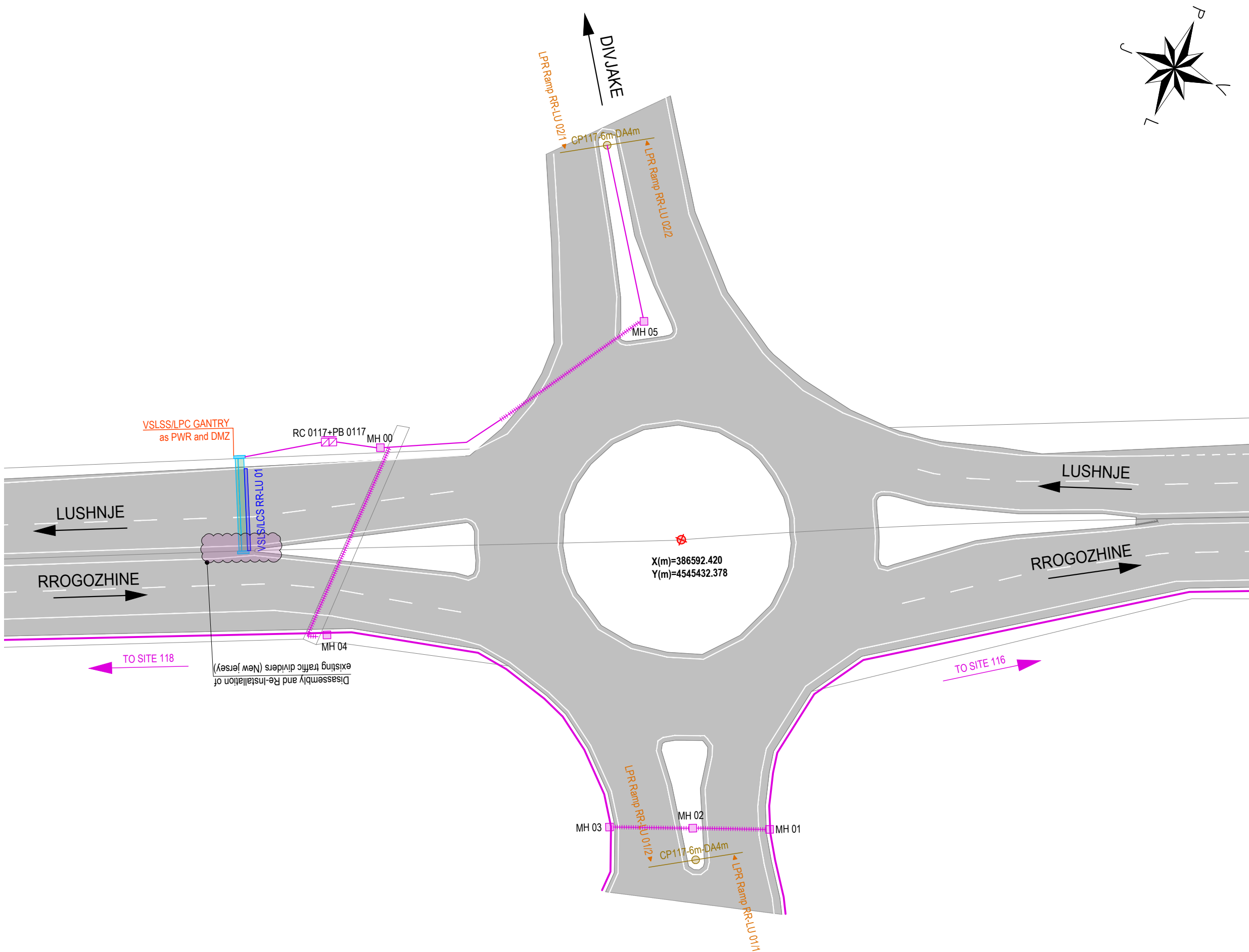
Projekt Zbatim

EMËRTIMI I VIZATIMIT / DRAWING TITLE

AL-ARA 0116

SHKALLA / SCALE	1:500	DATA/DATE	February 2022
KODI I VIZATIMIT / DRAWING CODE		Nr. I VIZATIMIT / DRAWING NO.	

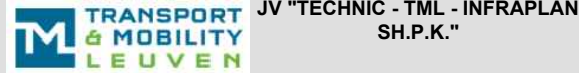
KODI	FAZA/PHASE	DISIPLINA	I-145
B.T	P.Z	I	



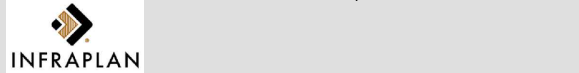
AL - ARA 0117		
SYMBOL	DESCRIPTIONS	Pc
CCTV DOME Seg.-No	CCTV Camera	0
LPR Ramp Seg.-No	LPR RAMP	4
TSNs-No	TRAFFIC SIGNAL RAMP	0
LPR Speed Seg.-No	LPR SPEED CAMERA	0
WS No	METEO WS	0
SOS Seg.-No	SOS EPS	0
VMS	VMS Electronic Table	0
VSLs/LCS Seg.-No	VSLs / LCS	1
iWIM	iWIM	0
RC Ns	Road Cabinet	1
PB Ns	Power Box	1
CPNs-6m / DMZ	Concrete Pole, Height 6m Demarkation Point	0
MH No	Manhole	6
Gantry VSLs / LCS	Gantry VSLs / LCS	1
LPR Gantry	LPR Gantry	0
SPNs-15m	CCTV Steel Pole, Height 15m	0
SPNs-4m	Steel Pole, Height 4m	0
CPNs-6m-SA4m	Steel Cantilever Pole, Height 6m, Single Arm, Length 4m	0
CPNs-6m-SA6m	Steel Cantilever Pole, Height 6m, Single Arm, Length 6m	0
CPNs-6m-DA6m	Steel Cantilever Pole, Height 6m, Double Arm, Length 6m	0
Metallic Structure - VMS	Metallic Structure - VMS	0
CPFlag	Flag Cantilever	0
TO No SITE	To Site (No of Site)	-
Optic Fibre (Main Line)	Optic Fibre (Main Line)	0
Optic Fibre (Secondary Line)	Optic Fibre (Secondary Line)	126
Steel pipe Ø140mm	Steel pipe Ø140mm	71

No - Number
Ns - Number of Site

GRUPI I PROJEKTIMIT / DESIGN TEAM

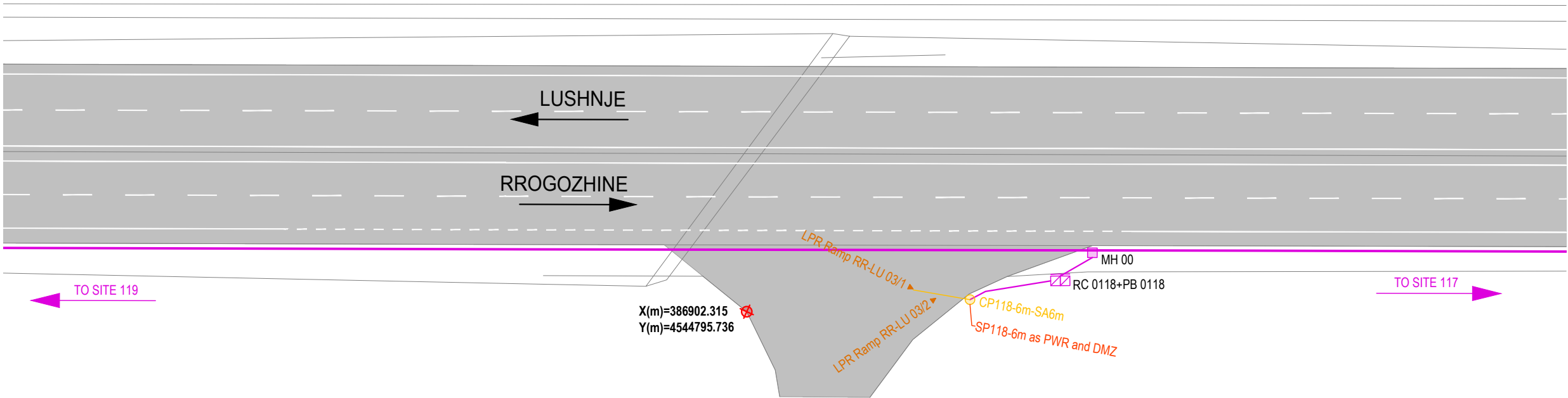
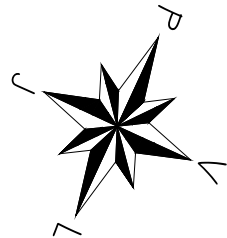


JV "TECHNIC - TML - INFRAPLAN SH.P.K."
Rruga "Brigada VIII", Nd.23, H.16, Ap.49,
Njësia Administrative Nr.5, 1019, Tiranë, Shqipëri
mobile: +355 0682034917
e-mail: info@infraplan.al
web: www.infraplan.al



Topografia	Ing. Adrian Bulku	Licenca: TZ.0479/1	
Struktura	Ing. Besjan Mulkurti	Licenca: K.1552/2	
Infrastruktura	Ing. Sokol Kikino	Licenca: K.2012/1	
Arkitektura	Ark. Jona Osmenaj	Licenca: A.2067	
Arkitektura	Ark. Nerta Konomi	Licenca: A.1437/1	
Elektrike	Ing. Hasan Bekteshi	Licenca: E.0188/3	
Ekspert i Komunikacionit	Ing. Aldo Çoba		

TITULLI I PROJEKTIT / PROJECT TITLE			
"PROJEKTIMI I SISTEMIT TE MONITORIMIT DHE KONTROLLIT TE TRAFIKUT RRUGOR"			
KLIENTI / CLIENT		MIE & ARRSH	
PËRSHKRIMI I FAZËS / PHASE DESCRIPTION			
Projekt Zbatim			
EMËRTIMI I VIZATIMIT / DRAWING TITLE			
AL-ARA 0117			
SHKALLA / SCALE	1:500	DATA/DATE	February 2022
KODI I VIZATIMIT / DRAWING CODE		Nr. I VIZATIMIT / DRAWING NO.	
KODI B.T	FAZA/PHASE P.Z	DISIPLINA I	I-146



AL - ARA 0118		
SYMBOL	DESCRIPTIONS	Pc
CCTV DOME Seg.No	CCTV Camera	0
LPR Ramp Seg.No	LPR RAMP	2
TSNs-No	TRAFFIC SIGNAL RAMP	0
LPR Speed Seg.-No	LPR SPEED CAMERA	0
WS No	METEO WS	0
SOS Seg.No	SOS EPS	0
VMS	VMS Electronic Table	0
VSLs/LCS Seg.-No	VSLs / LCS	0
iWIM	iWIM	0
RC Ns	Road Cabinet	1
PB Ns	Power Box	1
CPNs-6m / DMZ	Concrete Pole, Height 6m Demarcation Point	0
MH No	Manhole	1
Gantry VSLs / LCS	Gantry VSLs / LCS	0
LPR Gantry	LPR Gantry	0
SPNs-15m	CCTV Steel Pole, Height 15m	0
SPNs-4m	Steel Pole, Height 4m	0
CPNs-6m-SA4m	Steel Cantilever Pole, Height 6m, Single Arm, Length 4m	0
CPNs-6m-SA6m	Steel Cantilever Pole, Height 6m, Single Arm, Length 6m	1
CPNs-6m-DA6m	Steel Cantilever Pole, Height 6m, Double Arm, Length 6m	0
Metallic Structure - VMS	Metallic Structure - VMS	0
CPFlag	Flag Cantilever	0
TO No SITE	To Site (No of Site)	-
	Optic Fibre (Main Line)	0
	Optic Fibre (Secondary Line)	13
	Steel pipe Ø140mm	0

No - Number
Ns - Number of Site

GRUPI I PROJEKTIMIT / DESIGN TEAM



JV "TECHNIC - TML - INFRAPLAN
SH.P.K."

Rruga "Brigada VIII", Nd.23, H.16, Ap.49,
Njësia Administrative Nr.5, 1019, Tiranë, Shqipëri



mobile: +355 0682034917
e-mail: info@infraplan.al
web: www.infraplan.al



Topografia	Ing. Adrian Bulku	Licenca: TZ.0479/1	
Struktura	Ing. Besjan Mulkurti	Licenca: K.1552/2	
Infrastruktura	Ing. Sokol Kikino	Licenca: K.2012/1	
Arkitektura	Ark. Jona Osmenaj	Licenca: A.2067	
Arkitektura	Ark. Nerta Konomi	Licenca: A.1437/1	
Elektrike	Ing. Hasan Bekteshi	Licenca: E.0188/3	
Ekspert i Komunikacionit	Ing. Aldo Çoba		

TITULLI I PROJEKTIT / PROJECT TITLE

"PROJEKTIMI I SISTEMIT TE MONITORIMIT DHE KONTROLLIT TE
TRAFIKUT RRUGOR"

KLIENTI / CLIENT **MIE & ARRSH**

PËRSHKRIMI I FAZËS / PHASE DESCRIPTION

Projekt Zbatim

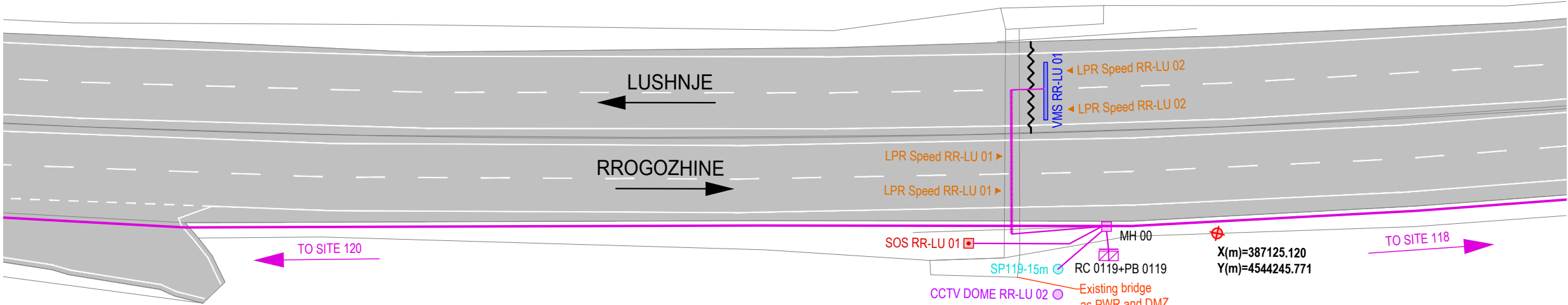
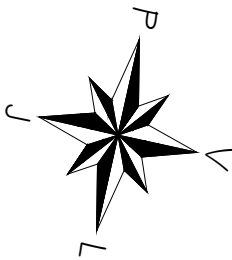
EMËRTIMI I VIZATIMIT / DRAWING TITLE

AL-ARA 0118

SHKALLA / SCALE 1:500 DATA/DATE February 2022

KODI I VIZATIMIT / DRAWING CODE Nr. I VIZATIMIT / DRAWING NO.

KODI B.T	FAZA/PHASE P.Z	DISIPLINA I	I-147
--------------------	--------------------------	-----------------------	--------------



AL - ARA 0119		
SYMBOL	DESCRIPTIONS	Pc
○ CCTV DOME Seg.No	CCTV Camera	1
◄ LPR Ramp Seg.No	LPR RAMP	0
□ TSNs-No	TRAFFIC SIGNAL RAMP	0
◄ LPR Speed Seg.-No	LPR SPEED CAMERA	4
▽ WS No	METEO WS	0
▣ SOS Seg.No	SOS EPS	1
— VMS	VMS Electronic Table	1
— VSLS/LCS Seg.-No	VSLS / LCS	0
▣ iWIM	iWIM	0
▣ RC Ns	Road Cabinet	1
▣ PB Ns	Power Box	1
○ CPNs-6m / DMZ	Concrete Pole, Height 6m Demarkation Point	0
▣ MH No	Manhole	1
—	Gantry VSLS / LCS	0
—	LPR Gantry	0
○ SPNs-15m	CCTV Steel Pole, Height 15m	1
○ SPNs-4m	Steel Pole, Height 4m	0
— ○ CPNs-6m-SA4m	Steel Cantilever Pole, Height 6m, Single Arm, Length 4m	0
— ○ CPNs-6m-SA6m	Steel Cantilever Pole, Height 6m, Single Arm, Length 6m	0
— ○ CPNs-6m-DA6m	Steel Cantilever Pole, Height 6m, Double Arm, Length 6m	0
—	Metallic Structure - VMS	0
— CPFlag	Flag Cantilever	0
—	Support for VMS / VSLS / LPR	1
— TO No SITE	To Site (No of Site)	-
—	Optic Fibre (Main Line)	0
—	Optic Fibre (Secondary Line)	49
—	Steel pipe Ø140mm	15

No - Number
Ns - Number of Site

GRUPI I PROJEKTIMIT / DESIGN TEAM



JV "TECHNIC - TML - INFRAPLAN
SH.P.K."

Rruga "Brigada VIII", Nd.23, H.16, Ap.49,
Njësia Administrative Nr.5, 1019, Tiranë, Shqipëri



mobile: +355 0682034917
e-mail: info@infraplan.al
web: www.infraplan.al



Topografia	Ing. Adrian Bulku	Licenca: TZ.0479/1	
Struktura	Ing. Besjan Mulkurti	Licenca: K.1552/2	
Infrastruktura	Ing. Sokol Kikino	Licenca: K.2012/1	
Arkitektura	Ark. Jona Osmenaj	Licenca: A.2067	
Arkitektura	Ark. Nerta Konomi	Licenca: A.1437/1	
Elektrike	Ing. Hasan Bekteshi	Licenca: E.0188/3	
Ekspert i Komunikacionit	Ing. Aldo Çoba		

TITULLI I PROJEKTIT / PROJECT TITLE

"PROJEKTIMI I SISTEMIT TE MONITORIMIT DHE KONTROLLIT TE
TRAFIKUT RRUGOR"

KLIENTI / CLIENT **MIE & ARRSH**

PËRSHKRIMI I FAZËS / PHASE DESCRIPTION

Projekt Zbatim

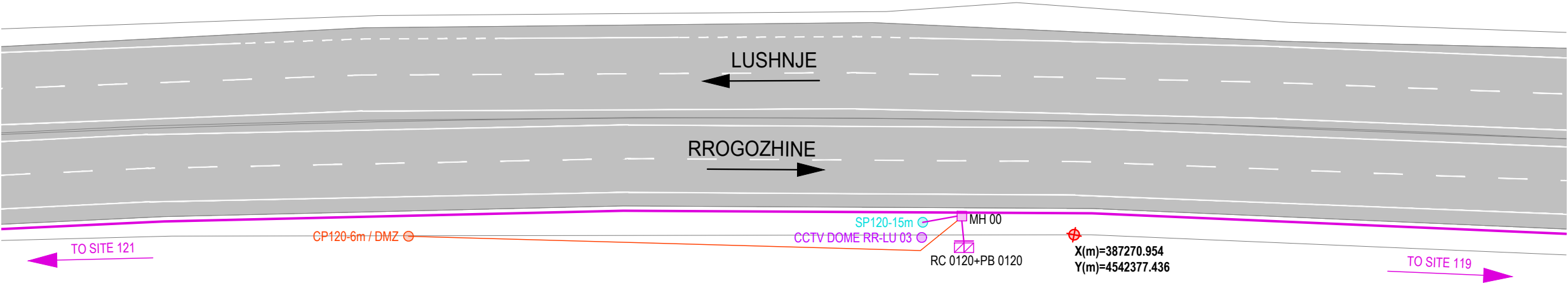
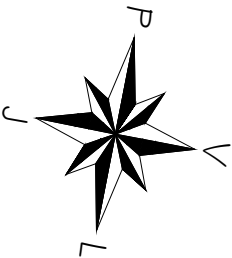
EMËRTIMI I VIZATIMIT / DRAWING TITLE

AL-ARA 0119

SHKALLA / SCALE 1:500 DATA/DATE February 2022

KODI I VIZATIMIT / DRAWING CODE Nr. I VIZATIMIT / DRAWING NO.

KODI B.T	FAZA/PHASE P.Z	DISIPLINA I	I-148
--------------------	--------------------------	-----------------------	--------------



AL - ARA 0120		
SYMBOL	DESCRIPTIONS	Pc
CCTV DOME Seg.No	CCTV Camera	1
LPR Ramp Seg.No	LPR RAMP	0
TSNs-No	TRAFFIC SIGNAL RAMP	0
LPR Speed Seg.-No	LPR SPEED CAMERA	0
WS No	METEO WS	0
SOS Seg.No	SOS EPS	0
VMS	VMS Electronic Table	0
VSLs/LCS Seg.-No	VSLs / LCS	0
iWIM	iWIM	0
RC Ns	Road Cabinet	1
PB Ns	Power Box	1
CPNs-6m / DMZ	Concrete Pole, Height 6m Demarkation Point	1
MH No	Manhole	1
Gantry VSLs / LCS	Gantry VSLs / LCS	0
LPR Gantry	LPR Gantry	0
SPNs-15m	CCTV Steel Pole, Height 15m	1
SPNs-4m	Steel Pole, Height 4m	0
CPNs-6m-SA4m	Steel Cantilever Pole, Height 6m, Single Arm, Length 4m	0
CPNs-6m-SA6m	Steel Cantilever Pole, Height 6m, Single Arm, Length 6m	0
CPNs-6m-DA6m	Steel Cantilever Pole, Height 6m, Double Arm, Length 6m	0
Metallic Structure - VMS	Metallic Structure - VMS	0
CPFlag	Flag Cantilever	0
TO No SITE	To Site (No of Site)	-
	Optic Fibre (Main Line)	0
	Optic Fibre (Secondary Line)	7
	Steel pipe Ø140mm	0

No - Number
Ns - Number of Site

GRUPI I PROJEKTIMIT / DESIGN TEAM



JV "TECHNIC - TML - INFRAPLAN
SH.P.K."

Rruga "Brigada VIII", Nd.23, H.16, Ap.49,
Njësia Administrative Nr.5, 1019, Tiranë, Shqipëri



mobile: +355 0682034917
e-mail: info@infraplan.al
web: www.infraplan.al



Topografia	Ing. Adrian Bulku	Licenca: TZ.0479/1	
Struktura	Ing. Besjan Mulkurti	Licenca: K.1552/2	
Infrastruktura	Ing. Sokol Kikino	Licenca: K.2012/1	
Arkitektura	Ark. Jona Osmenaj	Licenca: A.2067	
Arkitektura	Ark. Nerta Konomi	Licenca: A.1437/1	
Elektrike	Ing. Hasan Bekteshi	Licenca: E.0188/3	
Ekspert i Komunikacionit	Ing. Aldo Çoba		

TITULLI I PROJEKTIT / PROJECT TITLE

"PROJEKTIMI I SISTEMIT TE MONITORIMIT DHE KONTROLLIT TE
TRAFIKUT RRUGOR"

KLIENTI / CLIENT **MIE & ARRSH**

PËRSHKRIMI I FAZËS / PHASE DESCRIPTION

Projekt Zbatim

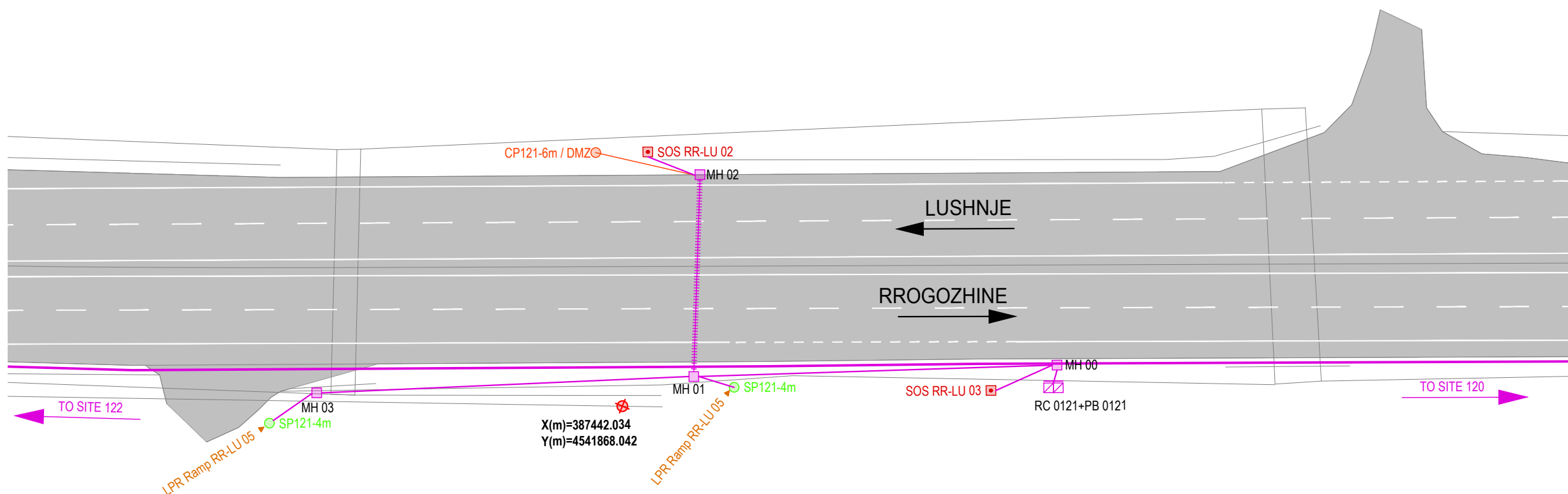
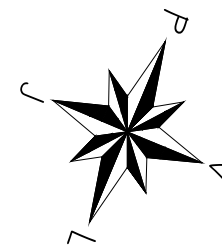
EMËRTIMI I VIZATIMIT / DRAWING TITLE

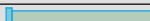
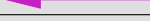
AL-ARA 0120

SHKALLA / SCALE 1:500 DATA/DATE February 2022

KODI I VIZATIMIT / DRAWING CODE Nr. I VIZATIMIT / DRAWING NO.

KODI B.T	FAZA/PHASE P.Z	DISIPLINA I	I-149
--------------------	--------------------------	-----------------------	--------------



AL - ARA 0121		
SYMBOL	DESCRIPTIONS	Pc
 CCTV DOME Seg.No	CCTV Camera	0
 LPR Ramp Seg.No	LPR RAMP	2
 TSNs-No	TRAFFIC SIGNAL RAMP	0
 LPR Speed Seg.-No	LPR SPEED CAMERA	0
 WS No	METEO WS	0
 SOS Seg.No	SOS EPS	2
 VMS	VMS Electronic Table	0
 VSLS/LCS Seg.-No	VSLS / LCS	0
 iWIM	iWIM	0
 RC Ns	Road Cabinet	1
 PB Ns	Power Box	1
 CPNs-6m / DMZ	Concrete Pole, Height 6m Demarkation Point	1
 MH No	Manhole	4
	Gantry VSLS / LCS	0
	LPR Gantry	0
 SPNs-15m	CCTV Steel Pole, Height 15m	0
 SPNs-4m	Steel Pole, Height 4m	2
 CPNs-6m-SA4m	Steel Cantilever Pole, Height 6m, Single Arm, Length 4m	0
 CPNs-6m-SA6m	Steel Cantilever Pole, Height 6m, Single Arm, Length 6m	0
 CPNs-6m-DA6m	Steel Cantilever Pole, Height 6m, Double Arm, Length 6m	0
	Metallic Structure - VMS	0
 CPFlag	Flag Cantilever	0
 TO No SITE	To Site (No of Site)	-
	Optic Fibre (Main Line)	(
	Optic Fibre (Secondary Line)	78
	Steel pipe Ø140mm	20

No - Number
Ns - Number of Site

GRUPI I PROJEKTIMIT / DESIGN TEAM



JV "TECHNIC - TML - INFRAPLAN
SH.P.K."

Rruga "Brigada VIII", Nd.23, H.16, Ap.49,

mobile: +355 0682034917

e-mail: info@infraplan.at

web: www.infraplan.al



Topografija	Ing. Adrian Bulku	Licenca: <i>TZ.0479/1</i>	
Struktura	Ing. Besjan Mulkurti	Licenca: <i>K.1552/2</i>	
Infrastruktura	Ing. Sokol Kikino	Licenca: <i>K.2012/1</i>	
Arkitektura	Ark. Jona Osmenaj	Licenca: <i>A.2067</i>	
Arkitektura	Ark. Nerta Konomi	Licenca: <i>A.1437/1</i>	
Elektrike	Ing. Hasan Bekteshi	Licenca: <i>E.0188/3</i>	
Ekspert i Komunikacionit	Ing. Aldo Çoba		

TITULLI I PROJEKTIT / PROJECT TITLE

"PROJEKTIMI I SISTEMIT TE MONITORIMIT DHE KONTROLLIT TE TRAFIKUT BRUGOR"

KLIENTI / CLIENT	MIE & ARRSH
------------------	-------------

PËRSHKRIMI I FAZËS / PHASE DESCRIPTION

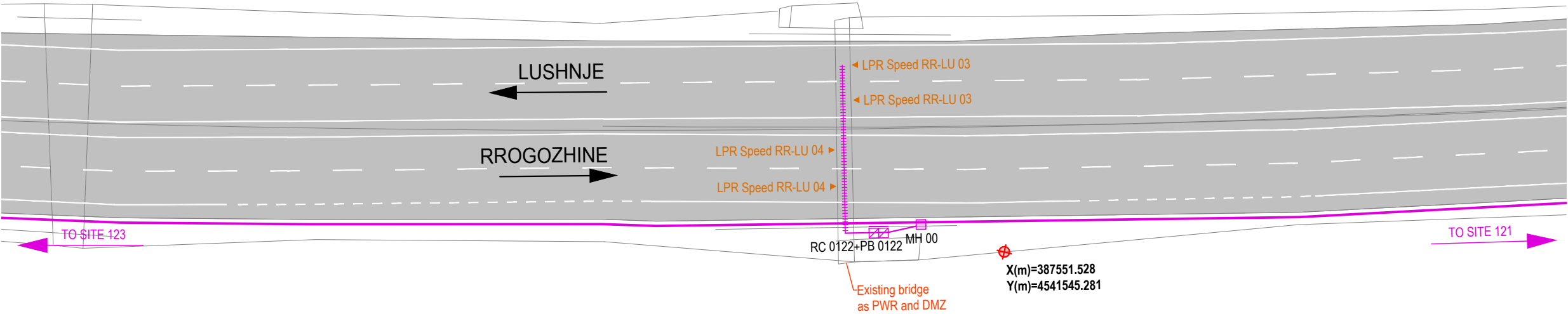
	Projekt Zbatim
--	-----------------------

EMËRTIMI I VIZATIMIT / DRAWING TITLE

AL-ARA 0121

SHKALLA / SCALE	1:500	DATA/DATE	February 2022
KODI / VIZATIMIT / DRAWING CODE		Nr. / VIZATIMIT / DRAWING NO.	

KODI	FAZA/PHASE	DISIPLINA	I-150
B.T	P.Z	I	



AL - ARA 0122		
SYMBOL	DESCRIPTIONS	Pc
CCTV DOME Seg.No	CCTV Camera	0
LPR Ramp Seg.No	LPR RAMP	0
TSNs-No	TRAFFIC SIGNAL RAMP	0
LPR Speed Seg.-No	LPR SPEED CAMERA	4
WS No	METEO WS	0
SOS Seg.No	SOS EPS	0
VMS	VMS Electronic Table	0
VSLS/LCS Seg.-No	VSLS / LCS	0
iWIM	iWIM	0
RC Ns	Road Cabinet	1
PB Ns	Power Box	1
CPNs-6m / DMZ	Concrete Pole, Height 6m Demarkation Point	0
MH No	Manhole	1
Gantry VSLS / LCS	Gantry VSLS / LCS	0
LPR Gantry	LPR Gantry	0
SPNs-15m	CCTV Steel Pole, Height 15m	0
SPNs-4m	Steel Pole, Height 4m	0
CPNs-6m-SA4m	Steel Cantilever Pole, Height 6m, Single Arm, Length 4m	0
CPNs-6m-SA6m	Steel Cantilever Pole, Height 6m, Single Arm, Length 6m	0
CPNs-6m-DA6m	Steel Cantilever Pole, Height 6m, Double Arm, Length 6m	0
Metallic Structure - VMS	Metallic Structure - VMS	0
CPFlag	Flag Cantilever	0
TO No SITE	To Site (No of Site)	-
	Optic Fibre (Main Line)	0
	Optic Fibre (Secondary Line)	25
	Steel pipe Ø140mm	18

No - Number
Ns - Number of Site

GRUPI I PROJEKTIMIT / DESIGN TEAM



JV "TECHNIC - TML - INFRAPLAN
SH.P.K."

Rruga "Brigada VIII", Nd.23, H.16, Ap.49,
Njësia Administrative Nr.5, 1019, Tiranë, Shqipëri



mobile: +355 0682034917
e-mail: info@infraplan.al
web: www.infraplan.al



Topografia	Ing. Adrian Bulku	Licenca: TZ.0479/1	
Struktura	Ing. Besjan Mulkurti	Licenca: K.1552/2	
Infrastruktura	Ing. Sokol Kikino	Licenca: K.2012/1	
Arkitektura	Ark. Jona Osmenaj	Licenca: A.2067	
Arkitektura	Ark. Nerta Konomi	Licenca: A.1437/1	
Elektrike	Ing. Hasan Bekteshi	Licenca: E.0188/3	
Ekspert i Komunikacionit	Ing. Aldo Çoba		

TITULLI I PROJEKTIT / PROJECT TITLE

"PROJEKTIMI I SISTEMIT TE MONITORIMIT DHE KONTROLLIT TE
TRAFIKUT RRUGOR"

KLIENTI / CLIENT **MIE & ARRSH**

PËRSHKRIMI I FAZËS / PHASE DESCRIPTION

Projekt Zbatim

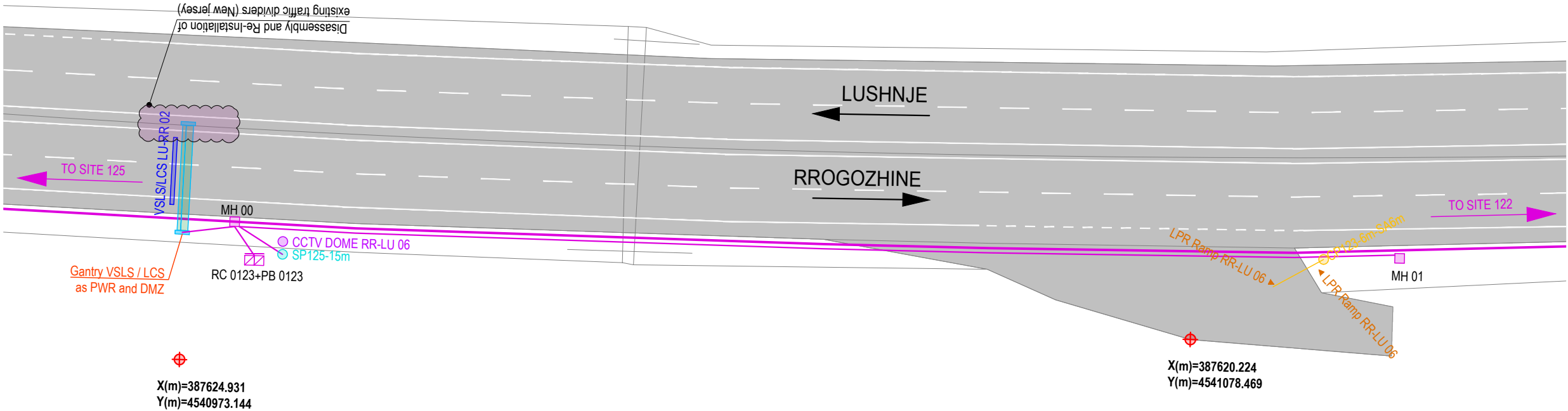
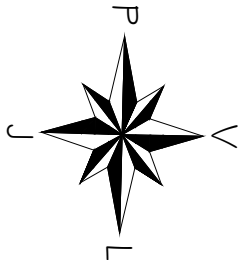
EMËRTIMI I VIZATIMIT / DRAWING TITLE

AL-ARA 0122

SHKALLA / SCALE 1:500 DATA/DATE February 2022

KODI I VIZATIMIT / DRAWING CODE Nr. I VIZATIMIT / DRAWING NO.

KODI B.T	FAZA/PHASE P.Z	DISIPLINA I	I-151
--------------------	--------------------------	-----------------------	--------------



AL - ARA 0123 (AL - ARA 0124)		
SYMBOL	DESCRIPTIONS	Pc
CCTV DOME Seg.No	CCTV Camera	1
LPR Ramp Seg.No	LPR RAMP	2
TSNs-No	TRAFFIC SIGNAL RAMP	0
LPR Speed Seg.-No	LPR SPEED CAMERA	0
WS No	METEO WS	0
SOS Seg.No	SOS EPS	0
VMS	VMS Electronic Table	0
VSL/LCS Seg.-No	VSLS / LCS	1
iWIM	iWIM	0
RC Ns	Road Cabinet	1
PB Ns	Power Box	1
CPNs-6m / DMZ	Concrete Pole, Height 6m Demarcation Point	0
MH No	Manhole	2
Gantry VSLS / LCS	Gantry VSLS / LCS	1
LPR Gantry	LPR Gantry	0
SPNs-15m	CCTV Steel Pole, Height 15m	1
SPNs-4m	Steel Pole, Height 4m	0
CPNs-6m-SA4m	Steel Cantilever Pole, Height 6m, Single Arm, Length 4m	0
CPNs-6m-SA6m	Steel Cantilever Pole, Height 6m, Single Arm, Length 6m	1
CPNs-6m-DA6m	Steel Cantilever Pole, Height 6m, Double Arm, Length 6m	0
Metallic Structure - VMS	Metallic Structure - VMS	0
CPFlag	Flag Cantilever	0
TO No SITE	To Site (No of Site)	-
Optic Fibre (Main Line)	Optic Fibre (Main Line)	0
Optic Fibre (Secondary Line)	Optic Fibre (Secondary Line)	135
Steel pipe Ø140mm	Steel pipe Ø140mm	0

No - Number
Ns - Number of Site

GRUPI I PROJEKTIMIT / DESIGN TEAM



JV "TECHNIC - TML - INFRAPLAN
SH.P.K."

Rruga "Brigada VIII", Nd.23, H.16, Ap.49,
Njësia Administrative Nr.5, 1019, Tiranë, Shqipëri

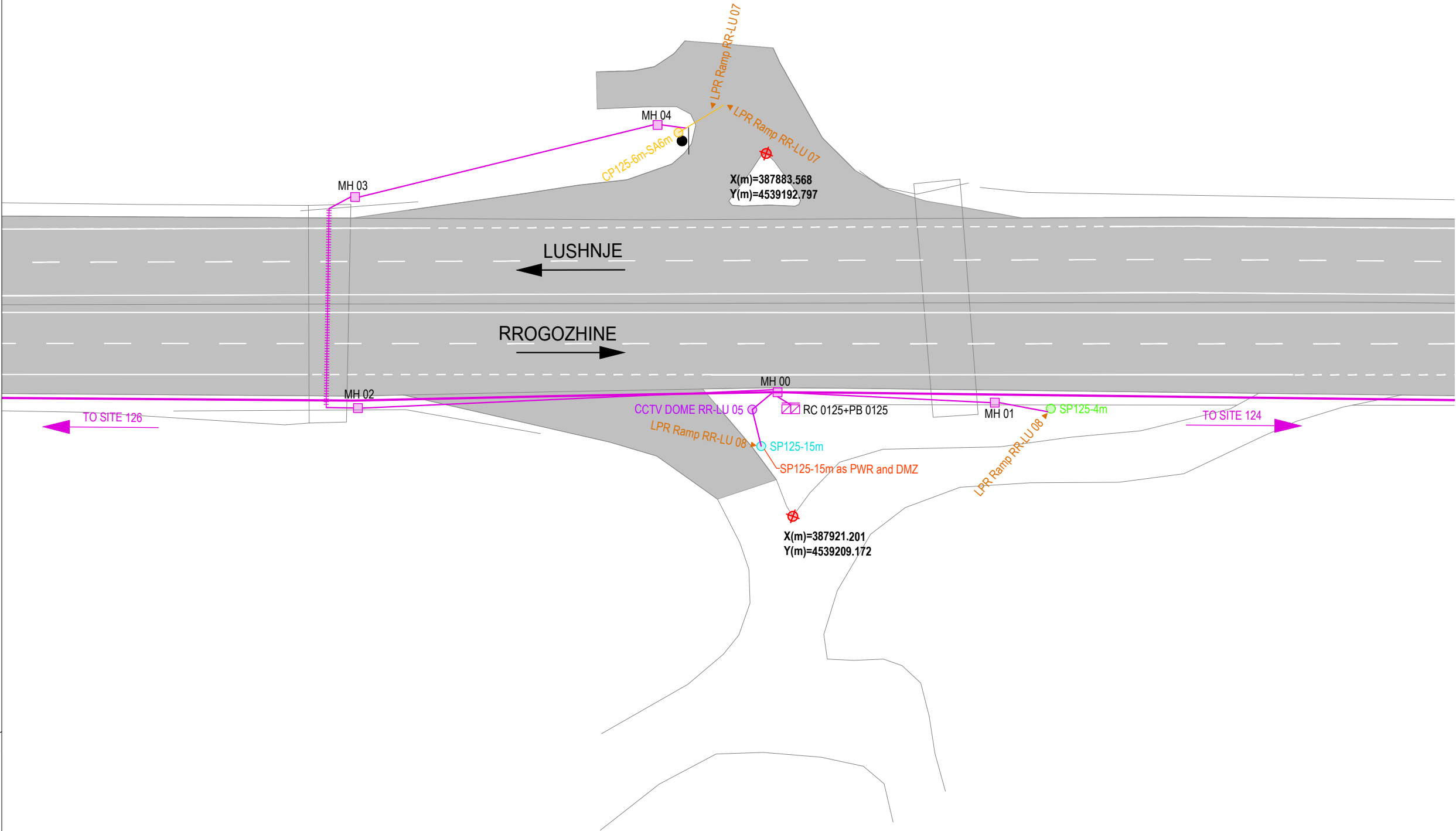
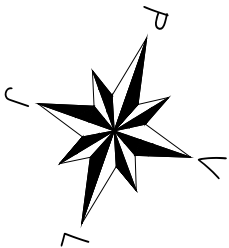


mobile: +355 0682034917
e-mail: info@infraplan.al
web: www.infraplan.al



Topografia	Ing. Adrian Bulku	Licenca: TZ.0479/1	
Struktura	Ing. Besjan Mulkurti	Licenca: K.1552/2	
Infrastruktura	Ing. Sokol Kikino	Licenca: K.2012/1	
Arkitektura	Ark. Jona Osmenaj	Licenca: A.2067	
Arkitektura	Ark. Nerta Konomi	Licenca: A.1437/1	
Elektrike	Ing. Hasan Bekteshi	Licenca: E.0188/3	
Ekspert i Komunikacionit	Ing. Aldo Çoba		

TITULLI I PROJEKTIT / PROJECT TITLE			
"PROJEKTIMI I SISTEMIT TE MONITORIMIT DHE KONTROLLIT TE TRAFIKUT RRUGOR"			
KLIENTI / CLIENT		MIE & ARRSH	
PËRSHKRIMI I FAZËS / PHASE DESCRIPTION			
Projekt Zbatim			
EMËRTIMI I VIZATIMIT / DRAWING TITLE			
AL-ARA 0123			
SHKALLA / SCALE	1:500	DATA/DATE	February 2022
KODI I VIZATIMIT / DRAWING CODE		Nr. I VIZATIMIT / DRAWING NO.	
KODI B.T	FAZA/PHASE P.Z	DISIPLINA I	I-152



AL - ARA 0125		
SYMBOL	DESCRIPTIONS	Pc
CCTV DOME Seg.-No	CCTV Camera	1
LPR Ramp Seg.-No	LPR RAMP	4
TSNs-No	TRAFFIC SIGNAL RAMP	0
LPR Speed Seg.-No	LPR SPEED CAMERA	0
WS No	METEO WS	0
SOS Seg.-No	SOS EPS	0
VMS	VMS Electronic Table	0
VSLs/LCS Seg.-No	VSLs / LCS	0
iWIM	iWIM	0
RC Ns	Road Cabinet	1
PB Ns	Power Box	1
CPNs-6m / DMZ	Concrete Pole, Height 6m Demarkation Point	0
MH No	Manhole	5
Gantry VSLs / LCS	Gantry VSLs / LCS	0
LPR Gantry	LPR Gantry	0
SPNs-15m	CCTV Steel Pole, Height 15m	1
SPNs-4m	Steel Pole, Height 4m	1
CPNs-6m-SA4m	Steel Cantilever Pole, Height 6m, Single Arm, Length 4m	0
CPNs-6m-SA6m	Steel Cantilever Pole, Height 6m, Single Arm, Length 6m	1
CPNs-6m-DA6m	Steel Cantilever Pole, Height 6m, Double Arm, Length 6m	0
Metallic Structure - VMS	Metallic Structure - VMS	0
CPFlag	Flag Cantilever	0
TO No SITE	To Site (No of Site)	-
	Optic Fibre (Main Line)	0
	Optic Fibre (Secondary Line)	137
	Steel pipe Ø140mm	23

No - Number
Ns - Number of Site

GRUPI I PROJEKTIMIT / DESIGN TEAM



JV "TECHNIC - TML - INFRAPLAN
SH.P.K."

Rruga "Brigada VIII", Nd.23, H.16, Ap.49,
Njësia Administrative Nr.5, 1019, Tiranë, Shqipëri



mobile: +355 0682034917
e-mail: info@infraplan.al
web: www.infraplan.al



Topografia	Ing. Adrian Bulku	Licenca: TZ.0479/1	
Struktura	Ing. Besjan Mulkurti	Licenca: K.1552/2	
Infrastruktura	Ing. Sokol Kikino	Licenca: K.2012/1	
Arkitektura	Ark. Jona Osmenaj	Licenca: A.2067	
Arkitektura	Ark. Nerta Konomi	Licenca: A.1437/1	
Elektrike	Ing. Hasan Bekteshi	Licenca: E.0188/3	
Ekspert i Komunikacionit	Ing. Aldo Çoba		

TITULLI I PROJEKTIT / PROJECT TITLE

"PROJEKTIMI I SISTEMIT TE MONITORIMIT DHE KONTROLLIT TE
TRAFIKUT RRUGOR"

KLIENTI / CLIENT **MIE & ARRSH**

PËRSHKRIMI I FAZËS / PHASE DESCRIPTION

Projekt Zbatim

EMËRTIMI I VIZATIMIT / DRAWING TITLE

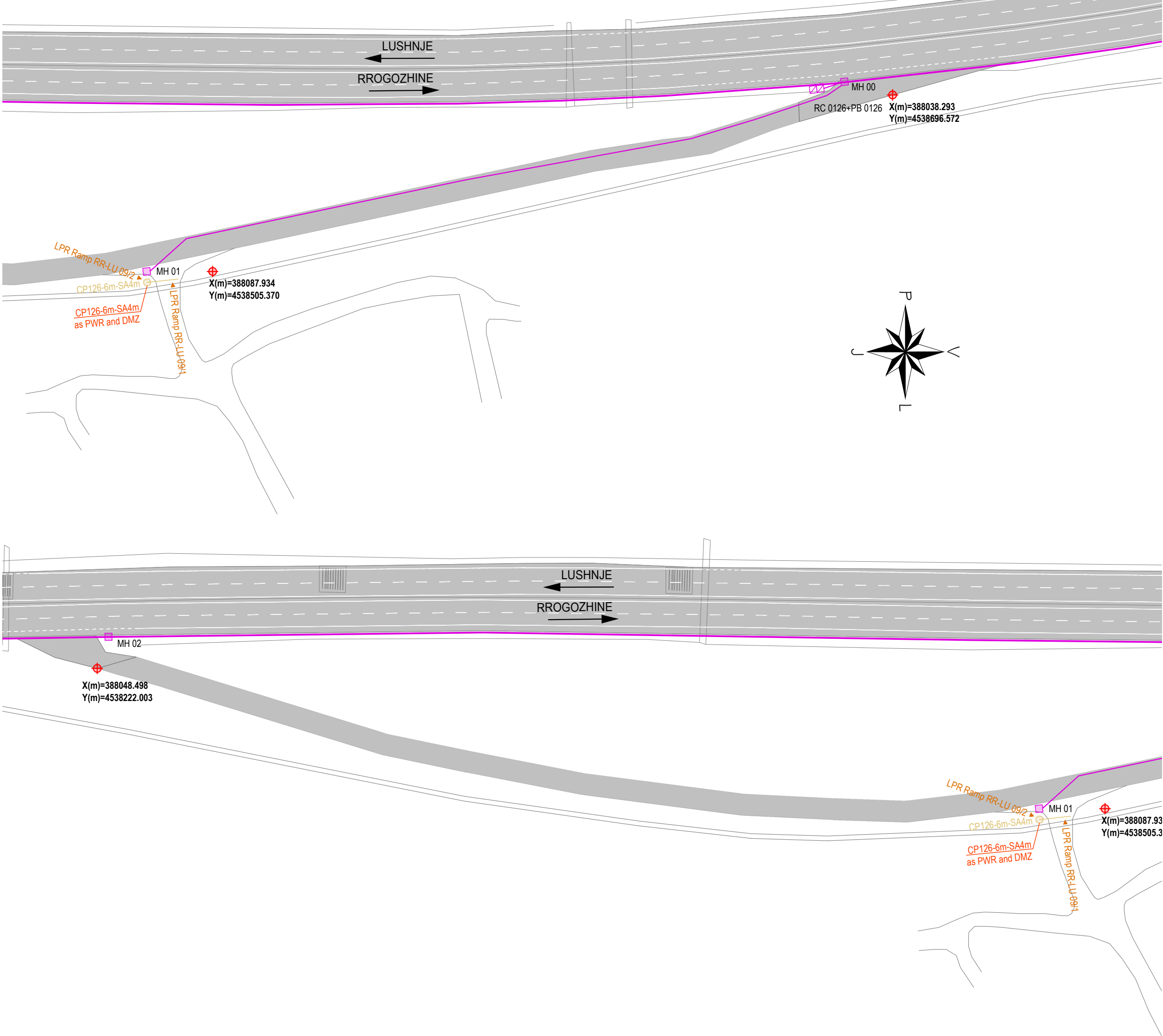
AL-ARA 0125

SHKALLA / SCALE 1:500 DATA/DATE February 2022

KODI I VIZATIMIT / DRAWING CODE Nr. I VIZATIMIT / DRAWING NO.

KODI B.T	FAZA/PHASE P.Z	DISIPLINA I	I-153
--------------------	--------------------------	-----------------------	--------------

FORMAT: A3 (420mmx297mm)



AL - ARA 0126		
SYMBOL	DESCRIPTIONS	Pc
CCTV DOME Seg.No	CCTV Camera	0
LPR Ramp Seg.No	LPR RAMP	2
TSNs-No	TRAFFIC SIGNAL RAMP	0
LPR Speed Seg.-No	LPR SPEED CAMERA	0
WS No	METEO WS	0
SOS Seg.No	SOS EPS	0
VMS	VMS Electronic Table	0
VSLS/LCS Seg.-No	VSLS / LCS	0
iWIM	iWIM	0
RC Ns	Road Cabinet	1
PB Ns	Power Box	1
CPNs-6m / DMZ	Concrete Pole, Height 6m Demarkation Point	0
MH No	Manhole	3
Gantry VSLS / LCS	Gantry VSLS / LCS	0
LPR Gantry	LPR Gantry	0
SPNs-15m	CCTV Steel Pole, Height 15m	0
SPNs-4m	Steel Pole, Height 4m	0
CPNs-6m-SA4m	Steel Cantilever Pole, Height 6m, Single Arm, Length 4m	1
CPNs-6m-SA6m	Steel Cantilever Pole, Height 6m, Single Arm, Length 6m	0
CPNs-6m-DA6m	Steel Cantilever Pole, Height 6m, Double Arm, Length 6m	0
Metallic Structure - VMS	Metallic Structure - VMS	0
CPFlag	Flag Cantilever	0
TO No SITE	To Site (No of Site)	-
	Optic Fibre (Main Line)	0
	Optic Fibre (Secondary Line)	209
	Steel pipe Ø140mm	0

No - Number
Ns - Number of Site

GRUPI I PROJEKTIMIT / DESIGN TEAM



JV "TECHNIC - TML - INFRAPLAN
SH.P.K."

Rruga "Brigada VIII", Nd.23, H.16, Ap.49,
Njësia Administrative Nr.5, 1019, Tiranë, Shqipëri



mobile: +355 0682034917
e-mail: info@infraplan.al
web: www.infraplan.al



Topografia	Ing. Adrian Bulku	Licenca: TZ.0479/1	
Struktura	Ing. Besjan Mulkurti	Licenca: K.1552/2	
Infrastruktura	Ing. Sokol Kikino	Licenca: K.2012/1	
Arkitektura	Ark. Jona Osmenaj	Licenca: A.2067	
Arkitektura	Ark. Nerta Konomi	Licenca: A.1437/1	
Elektrike	Ing. Hasan Bekteshi	Licenca: E.0188/3	
Ekspert i Komunikacionit	Ing. Aldo Çoba		

TITULLI I PROJEKTIT / PROJECT TITLE

"PROJEKTIMI I SISTEMIT TE MONITORIMIT DHE KONTROLLIT TE
TRAFIKUT RRUGOR"

KLIENTI / CLIENT

MIE & ARRSH

PËRSHKRIMI I FAZËS / PHASE DESCRIPTION

Projekt Zbatim

EMËRTIMI I VIZATIMIT / DRAWING TITLE

AL-ARA 0126

SHKALLA / SCALE

1:500

DATA/DATE

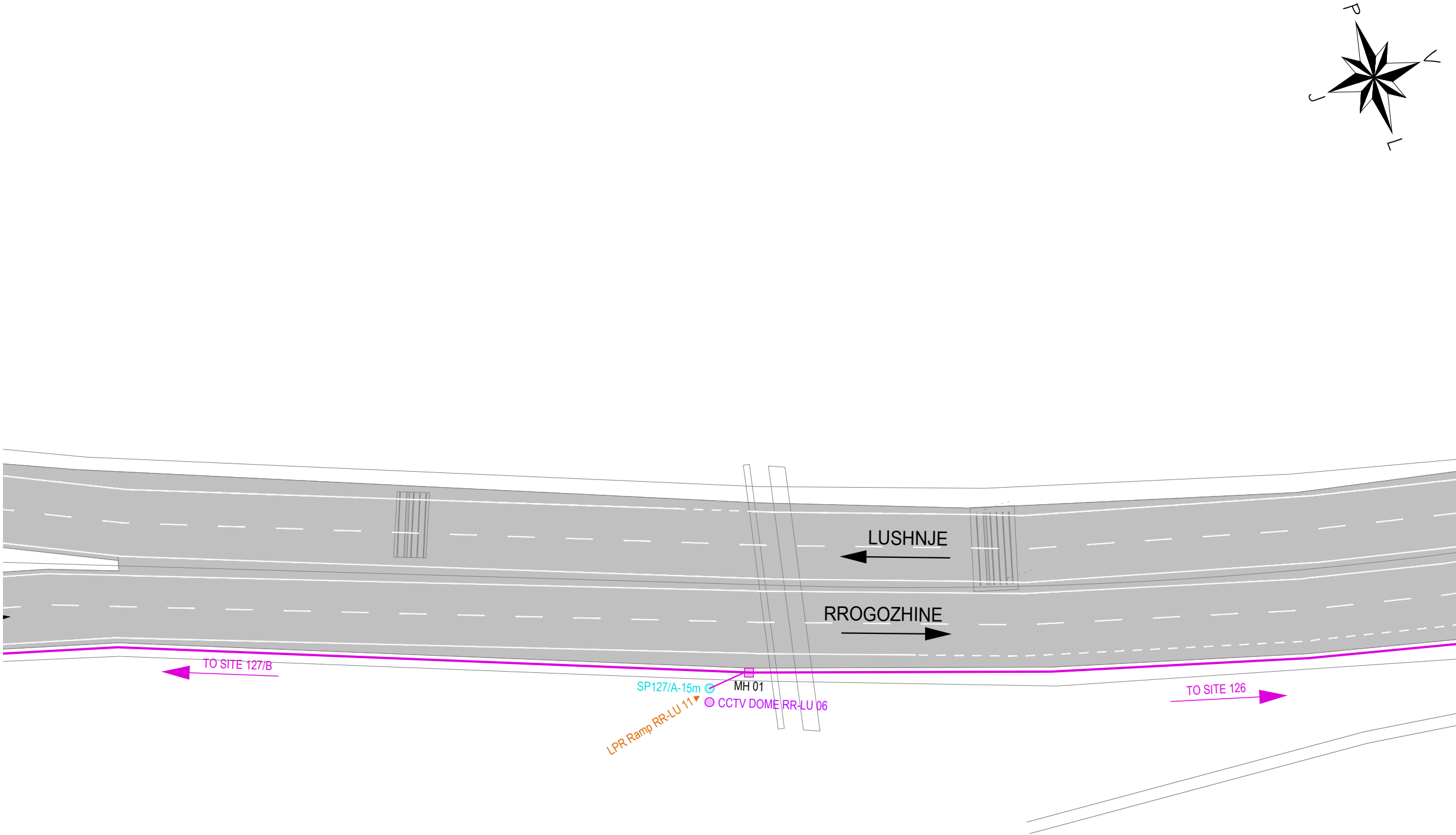
February 2022

KODI I VIZATIMIT / DRAWING CODE

Nr. I VIZATIMIT / DRAWING NO.

KODI	FAZA/PHASE	DISIPLINA	I-154
B.T	P.Z	I	

FORMAT: A3 (420mmx297mm)



AL - ARA 0127/A & 0127/B		
SYMBOL	DESCRIPTIONS	Pc
CCTV DOME Seg.No	CCTV Camera	2
LPR Ramp Seg.No	LPR RAMP	2
TSNs-No	TRAFFIC SIGNAL RAMP	0
LPR Speed Seg.-No	LPR SPEED CAMERA	0
WS No	METEO WS	0
SOS Seg.No	SOS EPS	0
VMS	VMS Electronic Table	0
VSLs/LCS Seg.-No	VSLs / LCS	0
iWIM	iWIM	0
RC Ns	Road Cabinet	1
PB Ns	Power Box	1
CPNs-6m / DMZ	Concrete Pole, Height 6m Demarkation Point	1
MH No	Manhole	5
Gantry VSLs / LCS	Gantry VSLs / LCS	0
LPR Gantry	LPR Gantry	0
SPNs-15m	CCTV Steel Pole, Height 15m	2
SPNs-4m	Steel Pole, Height 4m	0
CPNs-6m-SA4m	Steel Cantilever Pole, Height 6m, Single Arm, Length 4m	0
CPNs-6m-SA6m	Steel Cantilever Pole, Height 6m, Single Arm, Length 6m	0
CPNs-6m-DA6m	Steel Cantilever Pole, Height 6m, Double Arm, Length 6m	1
Metallic Structure - VMS	Metallic Structure - VMS	0
CPFlag	Flag Cantilever	0
TO No SITE	To Site (No of Site)	-
	Optic Fibre (Main Line)	0
	Optic Fibre (Secondary Line)	111
	Steel pipe Ø140mm	41

No - Number
Ns - Number of Site

GRUPI I PROJEKTIMIT / DESIGN TEAM



JV "TECHNIC - TML - INFRAPLAN
SH.P.K."

Rruga "Brigada VIII", Nd.23, H.16, Ap.49,
Njësia Administrative Nr.5, 1019, Tiranë, Shqipëri



mobile: +355 0682034917
e-mail: info@infraplan.al
web: www.infraplan.al



Topografia	Ing. Adrian Bulku	Licenca: TZ.0479/1	
Struktura	Ing. Besjan Mulkurti	Licenca: K.1552/2	
Infrastruktura	Ing. Sokol Kikino	Licenca: K.2012/1	
Arkitektura	Ark. Jona Osmenaj	Licenca: A.2067	
Arkitektura	Ark. Nerta Konomi	Licenca: A.1437/1	
Elektrike	Ing. Hasan Bekteshi	Licenca: E.0188/3	
Ekspert i Komunikacionit	Ing. Aldo Çoba		

TITULLI I PROJEKTIT / PROJECT TITLE

"PROJEKTIMI I SISTEMIT TE MONITORIMIT DHE KONTROLLIT TE TRAFIKUT RRUGOR"

KLIENTI / CLIENT **MIE & ARRSH**

PËRSHKRIMI I FAZËS / PHASE DESCRIPTION

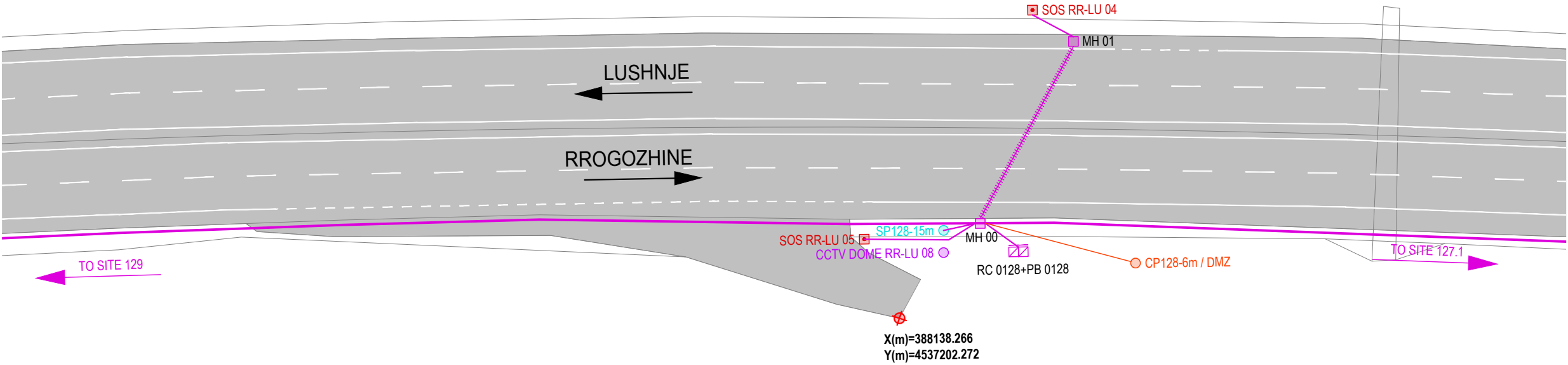
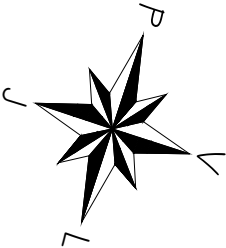
Projekt Zbatim

EMËRTIMI I VIZATIMIT / DRAWING TITLE

AL-ARA 0127 A

SHKALLA / SCALE	1:500	DATA/DATE	February 2022
KODI I VIZATIMIT / DRAWING CODE		Nr. I VIZATIMIT / DRAWING NO.	

KODI	FAZA/PHASE	DISIPLINA	I-155
B.T	P.Z	I	



AL - ARA 0128		
SYMBOL	DESCRIPTIONS	Pc
CCTV DOME Seg.No	CCTV Camera	1
LPR Ramp Seg.No	LPR RAMP	0
TSNs-No	TRAFFIC SIGNAL RAMP	0
LPR Speed Seg.-No	LPR SPEED CAMERA	0
WS No	METEO WS	0
SOS Seg.No	SOS EPS	2
VMS	VMS Electronic Table	0
VSLS/LCS Seg.-No	VSLS / LCS	0
iWIM	iWIM	0
RC Ns	Road Cabinet	1
PB Ns	Power Box	1
CPNs-6m / DMZ	Concrete Pole, Height 6m Demarkation Point	1
MH No	Manhole	2
Gantry VSLS / LCS	Gantry VSLS / LCS	0
LPR Gantry	LPR Gantry	0
SPNs-15m	CCTV Steel Pole, Height 15m	1
SPNs-4m	Steel Pole, Height 4m	0
CPNs-6m-SA4m	Steel Cantilever Pole, Height 6m, Single Arm, Length 4m	0
CPNs-6m-SA6m	Steel Cantilever Pole, Height 6m, Single Arm, Length 6m	0
CPNs-6m-DA6m	Steel Cantilever Pole, Height 6m, Double Arm, Length 6m	0
Metallic Structure - VMS	Metallic Structure - VMS	0
CPFlag	Flag Cantilever	0
TO No SITE	To Site (No of Site)	-
	Optic Fibre (Main Line)	0
	Optic Fibre (Secondary Line)	46
	Steel pipe Ø140mm	21

No - Number
Ns - Number of Site

GRUPI I PROJEKTIMIT / DESIGN TEAM



JV "TECHNIC - TML - INFRAPLAN
SH.P.K."

Rruga "Brigada VIII", Nd.23, H.16, Ap.49,
Njësia Administrative Nr.5, 1019, Tiranë, Shqipëri



mobile: +355 0682034917
e-mail: info@infraplan.al
web: www.infraplan.al



Topografia	Ing. Adrian Bulku	Licenca: TZ.0479/1	
Struktura	Ing. Besjan Mulkurti	Licenca: K.1552/2	
Infrastruktura	Ing. Sokol Kikino	Licenca: K.2012/1	
Arkitektura	Ark. Jona Osmenaj	Licenca: A.2067	
Arkitektura	Ark. Nerta Konomi	Licenca: A.1437/1	
Elektrike	Ing. Hasan Bekteshi	Licenca: E.0188/3	
Ekspert i Komunikacionit	Ing. Aldo Çoba		

TITULLI I PROJEKTIT / PROJECT TITLE

"PROJEKTIMI I SISTEMIT TE MONITORIMIT DHE KONTROLLIT TE
TRAFIKUT RRUGOR"

KLIENTI / CLIENT **MIE & ARRSH**

PËRSHKRIMI I FAZËS / PHASE DESCRIPTION

Projekt Zbatim

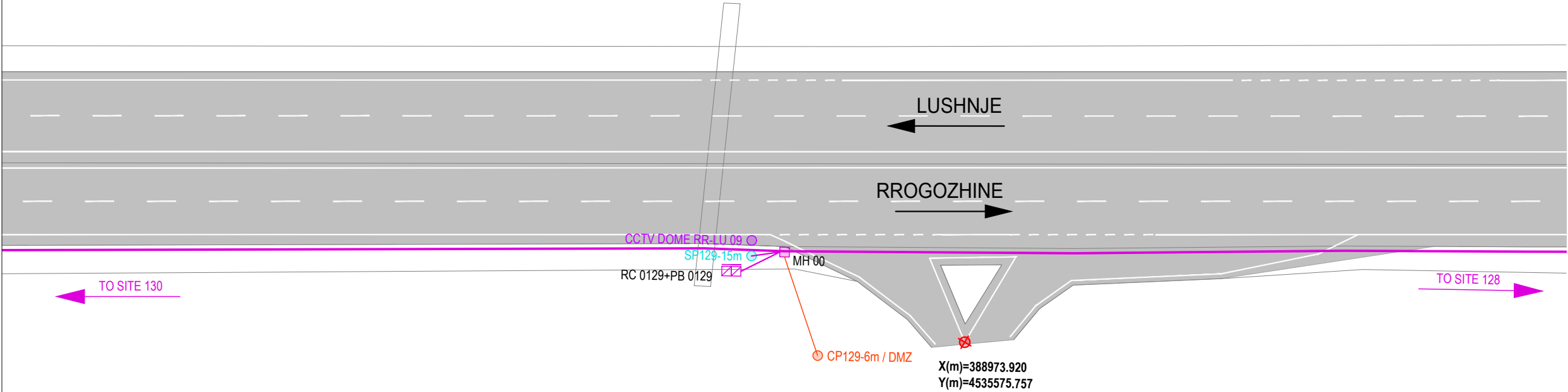
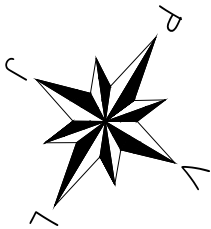
EMËRTIMI I VIZATIMIT / DRAWING TITLE

AL-ARA 0128

SHKALLA / SCALE 1:500 DATA/DATE February 2022

KODI I VIZATIMIT / DRAWING CODE Nr. I VIZATIMIT / DRAWING NO.

KODI B.T	FAZA/PHASE P.Z	DISIPLINA I	I-157
--------------------	--------------------------	-----------------------	--------------



AL - ARA 0129		
SYMBOL	DESCRIPTIONS	Pc
CCTV DOME Seg.No	CCTV Camera	1
LPR Ramp Seg.No	LPR RAMP	0
TSNs-No	TRAFFIC SIGNAL RAMP	0
LPR Speed Seg.-No	LPR SPEED CAMERA	0
WS No	METEO WS	0
SOS Seg.No	SOS EPS	0
VMS	VMS Electronic Table	0
VSLS/LCS Seg.-No	VSLS / LCS	0
iWIM	iWIM	0
RC Ns	Road Cabinet	1
PB Ns	Power Box	1
CPNs-6m / DMZ	Concrete Pole, Height 6m Demarkation Point	1
MH No	Manhole	1
Gantry VSLS / LCS	Gantry VSLS / LCS	0
LPR Gantry	LPR Gantry	0
SPNs-15m	CCTV Steel Pole, Height 15m	1
SPNs-4m	Steel Pole, Height 4m	0
CPNs-6m-SA4m	Steel Cantilever Pole, Height 6m, Single Arm, Length 4m	0
CPNs-6m-SA6m	Steel Cantilever Pole, Height 6m, Single Arm, Length 6m	0
CPNs-6m-DA6m	Steel Cantilever Pole, Height 6m, Double Arm, Length 6m	0
Metallic Structure - VMS	Metallic Structure - VMS	0
CPFlag	Flag Cantilever	0
TO No SITE	To Site (No of Site)	-
	Optic Fibre (Main Line)	0
	Optic Fibre (Secondary Line)	8
	Steel pipe Ø140mm	0

No - Number
Ns - Number of Site

GRUPI I PROJEKTIMIT / DESIGN TEAM



JV "TECHNIC - TML - INFRAPLAN
SH.P.K."

Rruga "Brigada VIII", Nd.23, H.16, Ap.49,
Njësia Administrative Nr.5, 1019, Tiranë, Shqipëri



mobile: +355 0682034917
e-mail: info@infraplan.al
web: www.infraplan.al



Topografia	Ing. Adrian Bulku	Licenca: TZ.0479/1	
Struktura	Ing. Besjan Mulkurti	Licenca: K.1552/2	
Infrastruktura	Ing. Sokol Kikino	Licenca: K.2012/1	
Arkitektura	Ark. Jona Osmenaj	Licenca: A.2067	
Arkitektura	Ark. Nerta Konomi	Licenca: A.1437/1	
Elektrike	Ing. Hasan Bekteshi	Licenca: E.0188/3	
Ekspert i Komunikacionit	Ing. Aldo Çoba		

TITULLI I PROJEKTIT / PROJECT TITLE

"PROJEKTIMI I SISTEMIT TE MONITORIMIT DHE KONTROLLIT TE
TRAFIKUT RRUGOR"

KLIENTI / CLIENT **MIE & ARRSH**

PËRSHKRIMI I FAZËS / PHASE DESCRIPTION

Projekt Zbatim

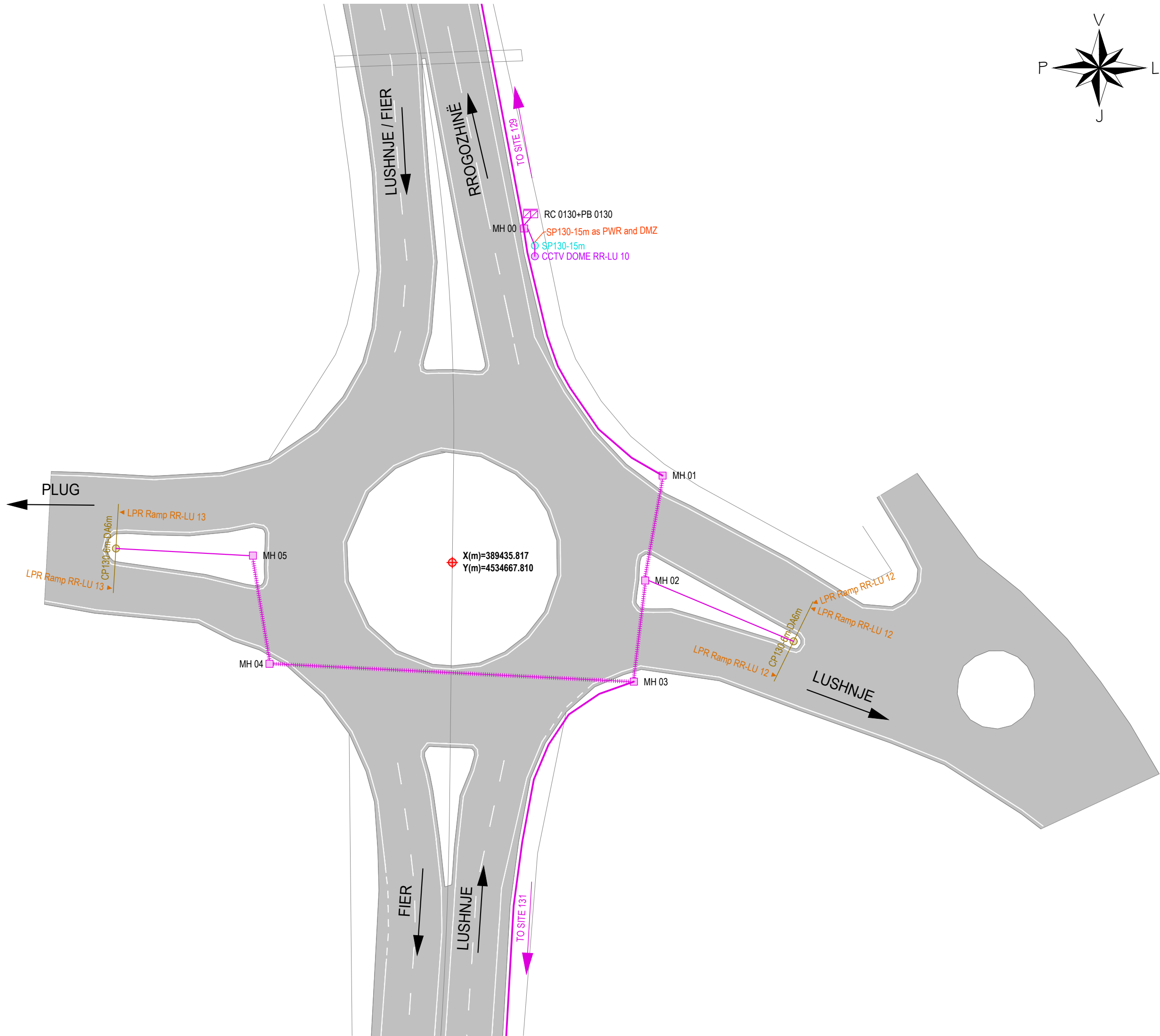
EMËRTIMI I VIZATIMIT / DRAWING TITLE

AL-ARA 0129

SHKALLA / SCALE 1:500 DATA/DATE February 2022

KODI I VIZATIMIT / DRAWING CODE Nr. I VIZATIMIT / DRAWING NO.

KODI B.T	FAZA/PHASE P.Z	DISIPLINA I	I-158
--------------------	--------------------------	-----------------------	--------------



AL - ARA 0130		
SYMBOL	DESCRIPTIONS	Pc
CCTV DOME Seg.No	CCTV Camera	1
LPR Ramp Seg.No	LPR RAMP	5
TSNs-No	TRAFFIC SIGNAL RAMP	0
LPR Speed Seg.-No	LPR SPEED CAMERA	0
WS No	METEO WS	0
SOS Seg.No	SOS EPS	0
VMS	VMS Electronic Table	0
VSLS/LCS Seg.-No	VSLS / LCS	0
iWIM	iWIM	0
RC Ns	Road Cabinet	1
PB Ns	Power Box	1
CPNs-6m / DMZ	Concrete Pole, Height 6m Demarkation Point	0
MH No	Manhole	6
Gantry VSLS / LCS	Gantry VSLS / LCS	0
LPR Gantry	LPR Gantry	0
SPNs-15m	CCTV Steel Pole, Height 15m	1
SPNs-4m	Steel Pole, Height 4m	0
CPNs-6m-SA4m	Steel Cantilever Pole, Height 6m, Single Arm, Length 4m	0
CPNs-6m-SA6m	Steel Cantilever Pole, Height 6m, Single Arm, Length 6m	0
CPNs-6m-DA6m	Steel Cantilever Pole, Height 6m, Double Arm, Length 6m	2
Metallic Structure - VMS	Metallic Structure - VMS	0
CPFlag	Flag Cantilever	0
TO No SITE	To Site (No of Site)	-
Optic Fibre (Main Line)	Optic Fibre (Main Line)	0
Optic Fibre (Secondary Line)	Optic Fibre (Secondary Line)	133
Steel pipe Ø140mm	Steel pipe Ø140mm	92

No - Number
Ns - Number of Site

GRUPI I PROJEKTIMIT / DESIGN TEAM

JV "TECHNIC - TML - INFRAPLAN SH.P.K."

Rruga "Brigada VIII", Nd.23, H.16, Ap.49,
Njësia Administrative Nr.5, 1019, Tiranë, Shqipëri

mobile: +355 0682034917
e-mail: info@infraplan.al
web: www.infraplan.al

Topografia	Ing. Adrian Bulku	Licenca: <i>TZ.0479/1</i>	
Struktura	Ing. Besjan Mulkurti	Licenca: <i>K.1552/2</i>	
Infrastruktura	Ing. Sokol Kikino	Licenca: <i>K.2012/1</i>	
Arkitektura	Ark. Jona Osmenaj	Licenca: <i>A.2067</i>	
Arkitektura	Ark. Nerta Konomi	Licenca: <i>A.1437/1</i>	
Elektrike	Ing. Hasan Bekteshi	Licenca: <i>E.0188/3</i>	
Ekspert i Komunikacionit	Ing. Aldo Çoba		

TITULLI I PROJEKTIT / PROJECT TITLE

"PROJEKTIMI I SISTEMIT TE MONITORIMIT DHE KONTROLLIT TE TRAFIKUT RRUGOR"

KLIENTI / CLIENT

MIE & ARRSH

PËRSHKRIMI I FAZËS / PHASE DESCRIPTION

Projekt Zbatim

EMËRTIMI I VIZATIMIT / DRAWING TITLE

AL-ARA 0130

SHKALLA / SCALE

1:500

DATA/DATE

February 2022

KODI I VIZATIMIT / DRAWING CODE

Nr. I VIZATIMIT / DRAWING NO.

KODI

B.T

FAZA/PHASE

P.Z

DISIPLINA

I

I-159