

Titulli i projektit / Project Title:

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

DESIGN OF ROAD TRAFFIC MONITORING AND CONTROL SYSTEM

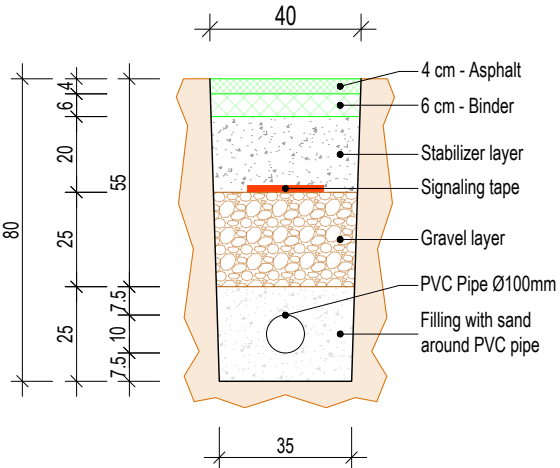
Segment Durres - Rrogazhine (*Durres - Rrogozhine Highway, 9.81 km*)

GENERAL

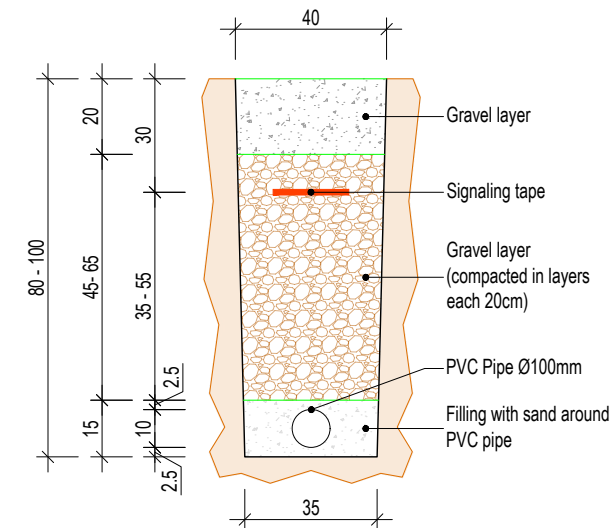
These drawings represent all the civil works that will be carried out on the Sites where the monitoring and control systems will be placed. These works include:

- 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".

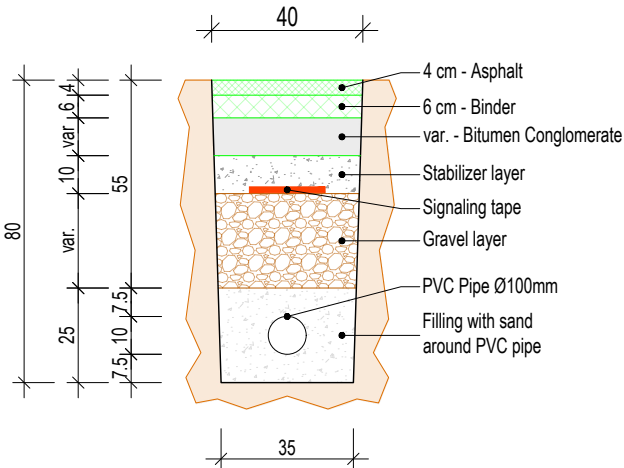
Excavation Section on asphalt, for fiber crossing, main & secondary line, Sc.1: 20



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.

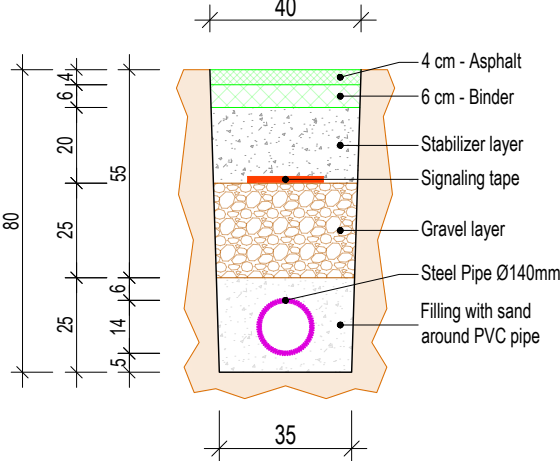
7- Concrete works. Construction of reinforced concrete foundations of metallic structures. Dimensions and reinforcement of foundations are given in the drawings: "Metallic Structures - Details". Supply and placement (assembly and installation) of metallic structures of various systems, such as LPR Gantry,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

NOTE:

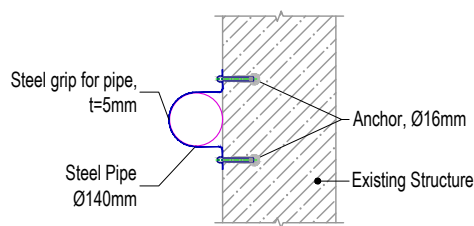
At all road cabinet & power box will be placed a guard-rail (at least L=2m) with 2 ends. For more details on the guardrails, see the relevant drawings

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 Demarcation 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."

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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

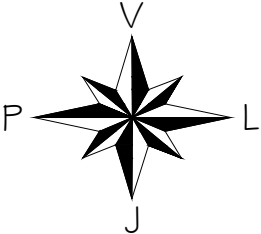
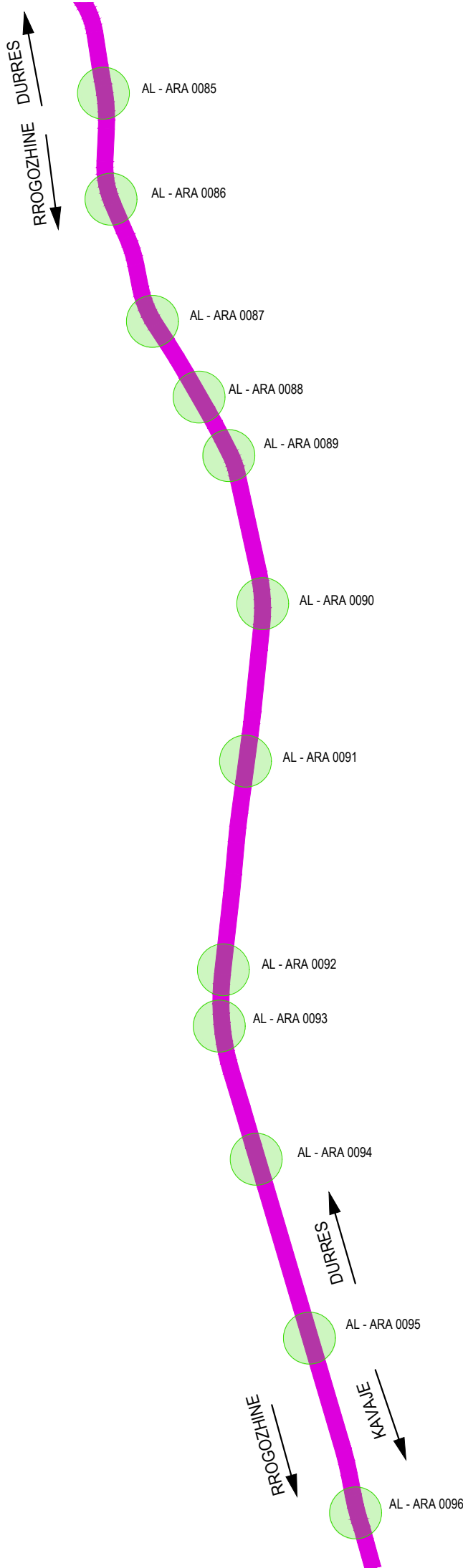
ENËRTIMI I VIZATIMIT / DRAWING TITLE

General

SHKALLA / SCALE 1:20 DATA/DATE February 2022

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

KODI B.T	FAZA/PHASE P.Z	DISIPLINA I	I-106
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SCHEDULE LIST OF SITES		
NAME OF SITE	CO-ORDINATES X(m)	CO-ORDINATES Y(m)
AL - ARA 0085	375600.306	4571380.552
AL - ARA 0086	375658.978	4570740.384
AL - ARA 0087	375895.778	4569984.330
AL - ARA 0088	376134.245	4569531.368
AL - ARA 0089	376351.378	4569195.173
AL - ARA 0090	376570.495	4568231.382
AL - ARA 0091	376467.919	4567266.547
AL - ARA 0092	376337.336	4565992.970
AL - ARA 0093	376239.193	4565658.598
AL - ARA 0094	376558.218	4564833.461
AL - ARA 0095	376855.852	4563774.545
AL - ARA 0096	377122.025	4562665.941

GRUPI I PROJEKTIMIT / DESIGN TEAM



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Arkitektura	Ark. Nerta Konomi	Licenca: A.1437/1	
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Ekspert i Komunikacionit	Ing. Aldo Çoba		

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KLIENTI / CLIENT **MIE & ARRSH**

PËRSHKRIMI I FAZËS / PHASE DESCRIPTION

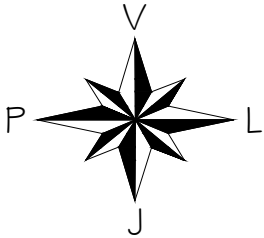
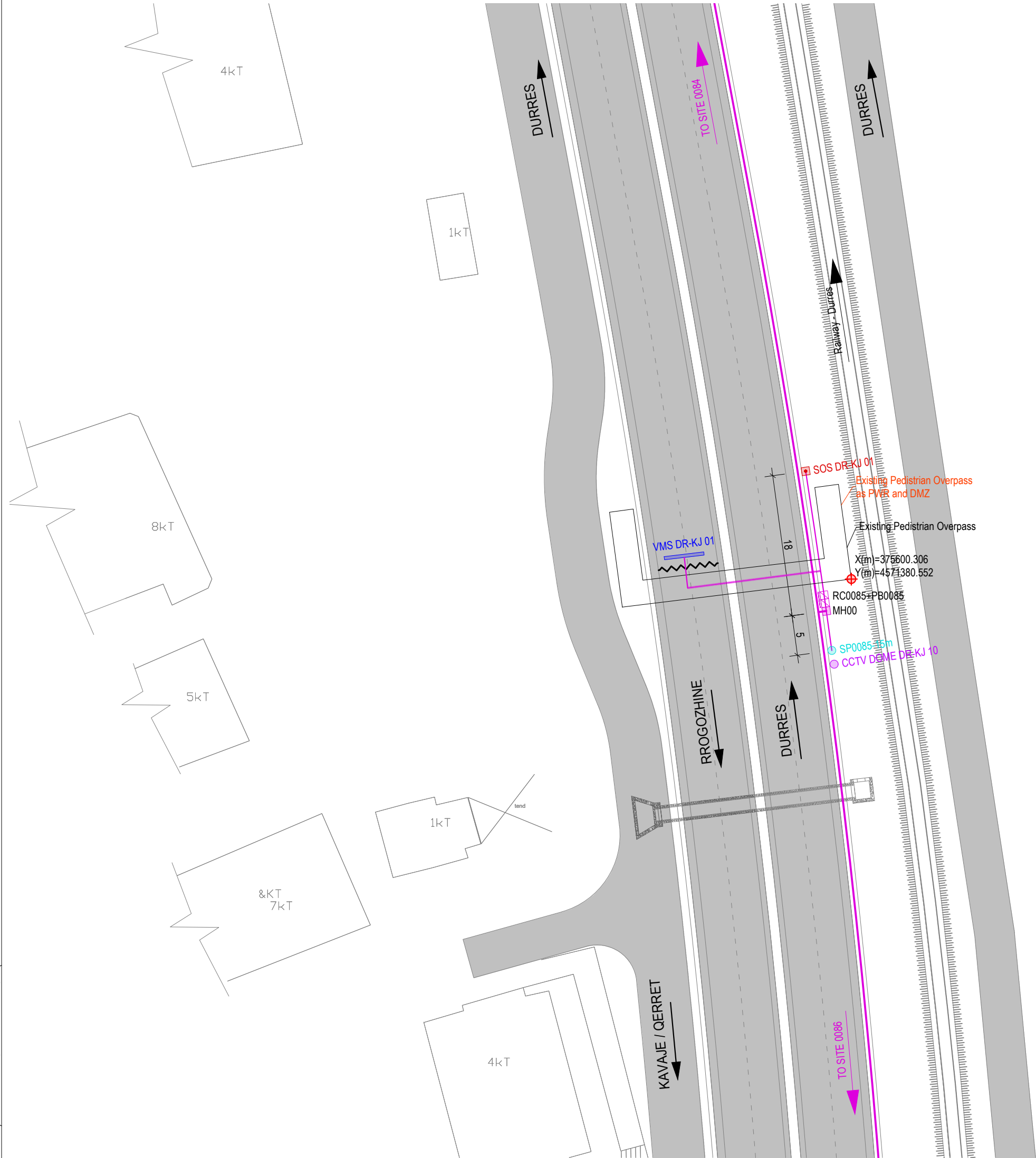
Projekt Zbatim

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-107

FORMAT: A3 (420mmx297mm)



AL - ARA 0085		
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	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 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
Support for VMS / VSLs / LPR	Support for VMS / VSLs / LPR	1
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)	44
Steel Pipe Ø140mm	Steel Pipe Ø140mm	17

No - Number
Ns - Number of Site

GRUPI I PROJEKTIMIT / DESIGN TEAM



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KLIENTI / CLIENT **MIE & ARRSH**

PËRSHKRIMI I FAZËS / PHASE DESCRIPTION

Projekt Zbatim

EMËRTIMI I VIZATIMIT / DRAWING TITLE

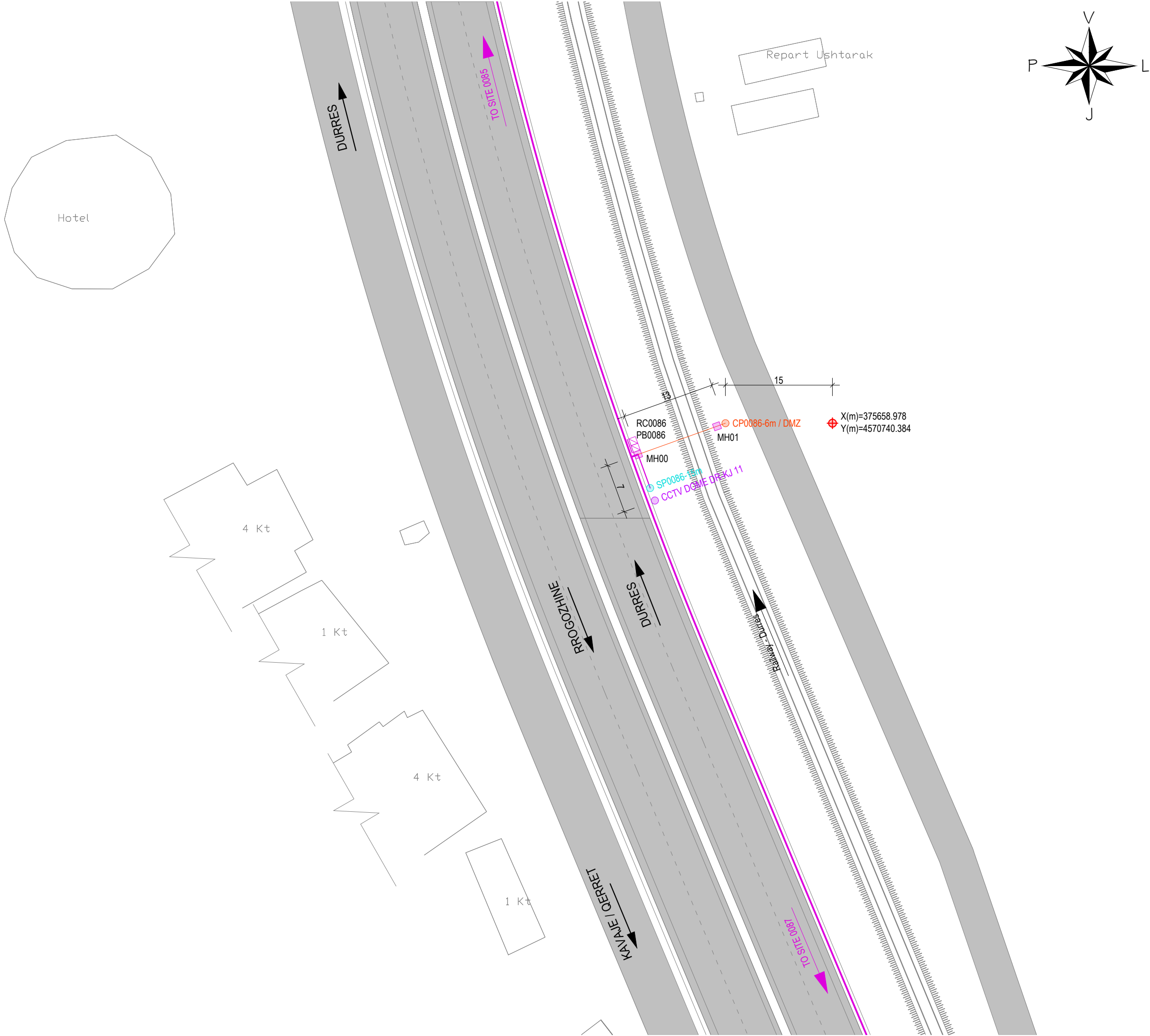
AL-AR 0085

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-108
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FORMAT: A3 (420mmx297mm)



AL - ARA 0086		
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	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
Support for VMS / VSLs / LPR	Support for VMS / VSLs / LPR	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)	5
Steel Pipe Ø140mm	Steel Pipe Ø140mm	0

No - Number
Ns - Number of Site

GRUPI I PROJEKTIMIT / DESIGN TEAM



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Elektrike	Ing. Hasan Bekteshi	Licenca: E.0188/3	
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KLIENTI / CLIENT **MIE & ARRSH**

PËRSHKRIMI I FAZËS / PHASE DESCRIPTION

Projekt Zbatim

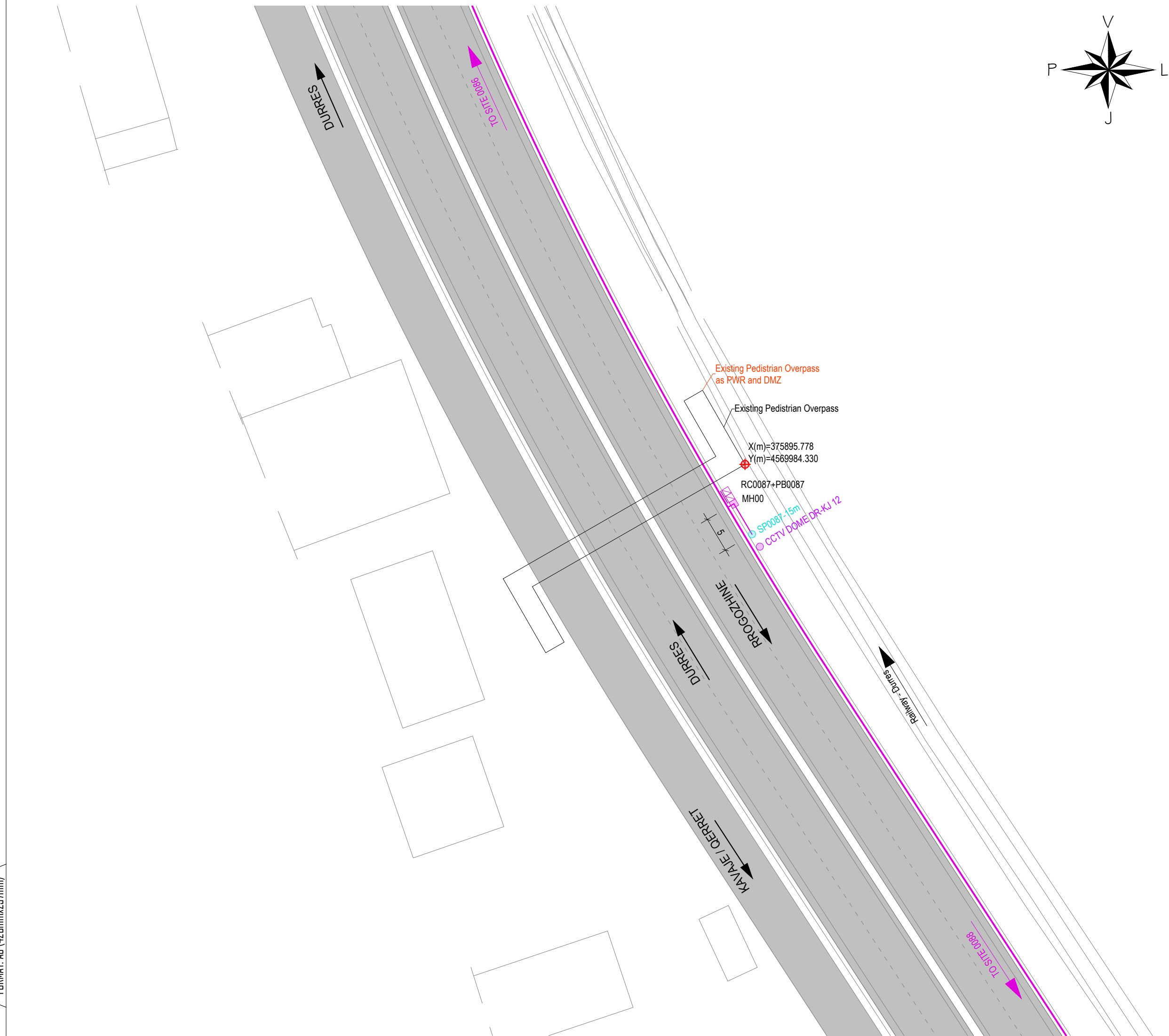
EMËRTIMI I VIZATIMIT / DRAWING TITLE

AL-AR 0086

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-109
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AL - ARA 0088

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	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
Support for VMS / VSLS / LPR	Support for VMS / VSLS / LPR	0
TO No SITE	To Site (No of Site)	-
	Optic Fibre (Main Line)	0
	Optic Fibre (Secondary Line)	6
	Steel Pipe Ø140mm	0

No - Number
Ns - Number of Site

GRUPI I PROJEKTIMIT / DESIGN TEAM

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

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Ekspert i Komunikacionit	Ing. Aldo Çoba		

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KLIENTI / CLIENT

MIE & ARRSH

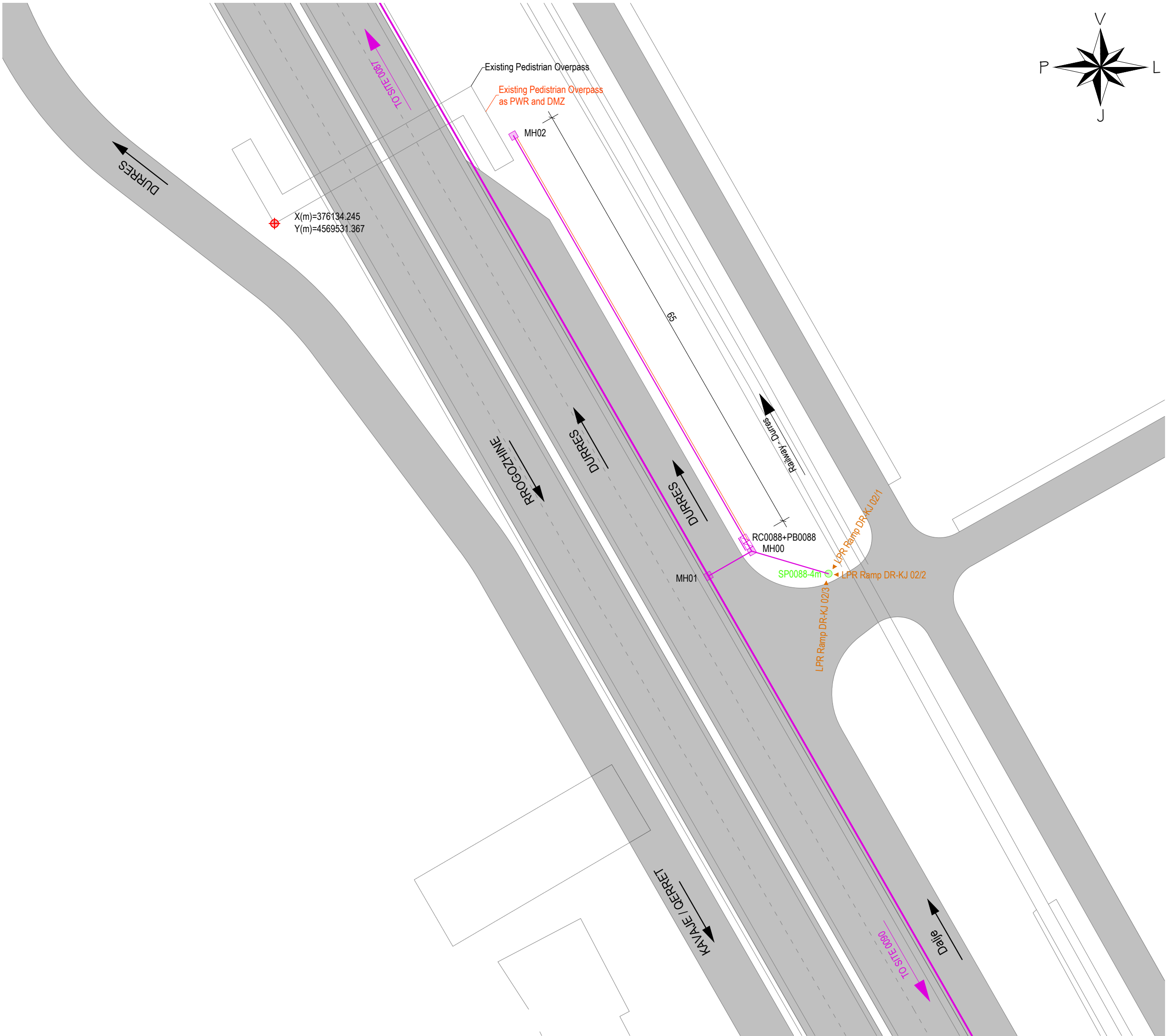
PËRSHKRIMI I FAZËS / PHASE DESCRIPTION

Projekt Zbatim

EMËRTIMI I VIZATIMIT / DRAWING TITLE

AL-AR 0087

SHKALLA / SCALE	1:500	DATA/DATE	February 2022
KODI I VIZATIMIT / DRAWING CODE		Nr. I VIZATIMIT / DRAWING NO.	
KODI	FAZA/PHASE	DISIPLINA	
B.T	P.Z	I	I-110



AL - ARA 0088		
SYMBOL	DESCRIPTIONS	Pc
CCTV DOME Seg.-No	CCTV Camera	0
LPR Ramp Seg.-No	LPR RAMP	3
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	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	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	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
Support for VMS / VSLS / LPR	Support for VMS / VSLS / LPR	0
TO No SITE	To Site (No of Site)	-
	Optic Fibre (Main Line)	0
	Optic Fibre (Secondary Line)	85
	Steel Pipe Ø140mm	0

No - Number
Ns - Number of Site

GRUPI I PROJEKTIMIT / DESIGN TEAM



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

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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		

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TRAFIKUT RRUGOR"

KLIENTI / CLIENT **MIE & ARRSH**

PËRSHKRIMI I FAZËS / PHASE DESCRIPTION

Projekt Zbatim

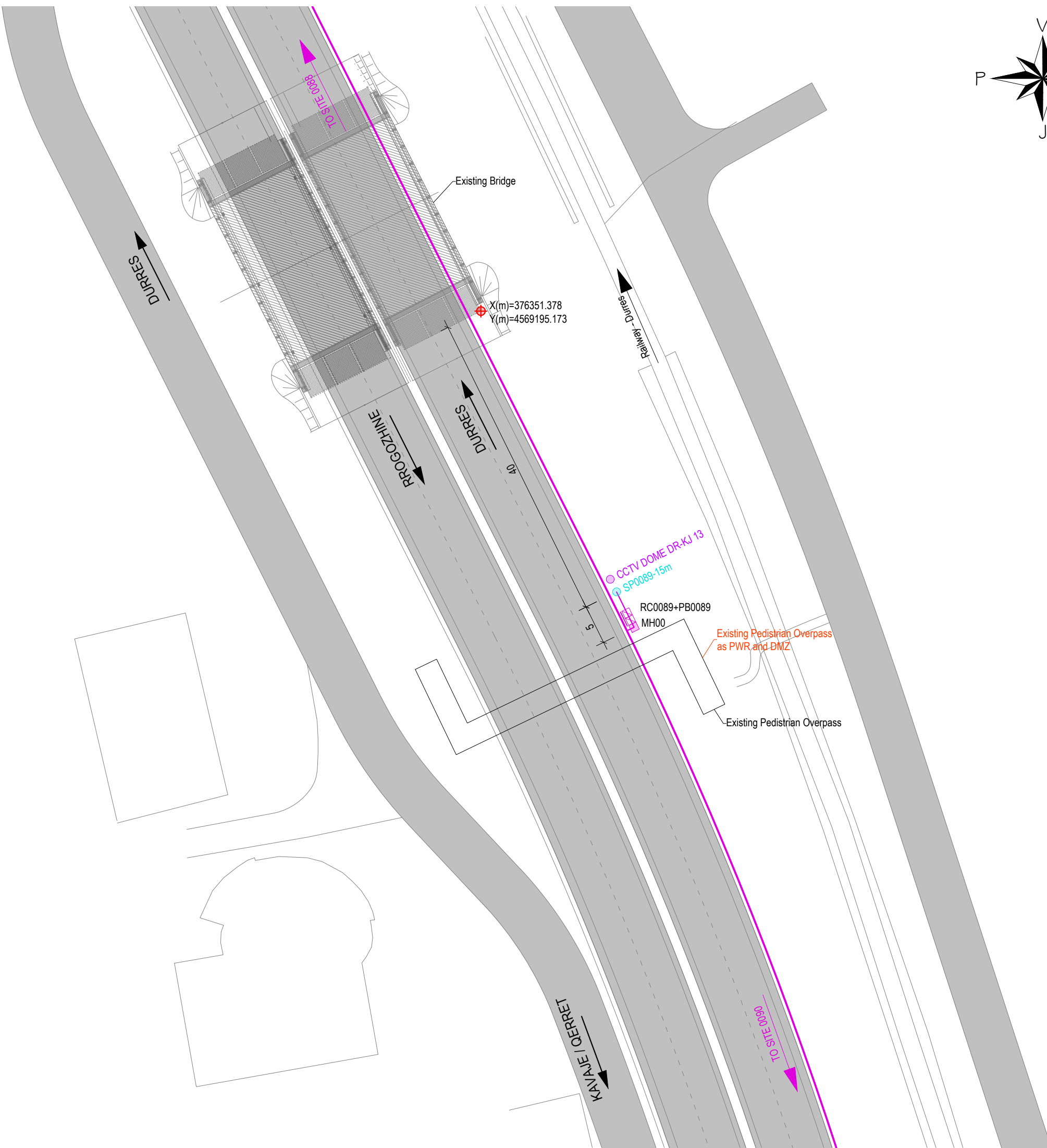
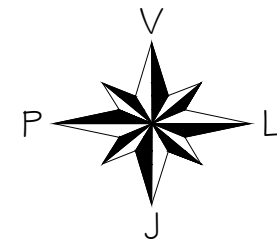
EMËRTIMI I VIZATIMIT / DRAWING TITLE

AL-AR 0088

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-III
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GRUPI I PROJEKTIMIT / DESIGN TEAM



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

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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

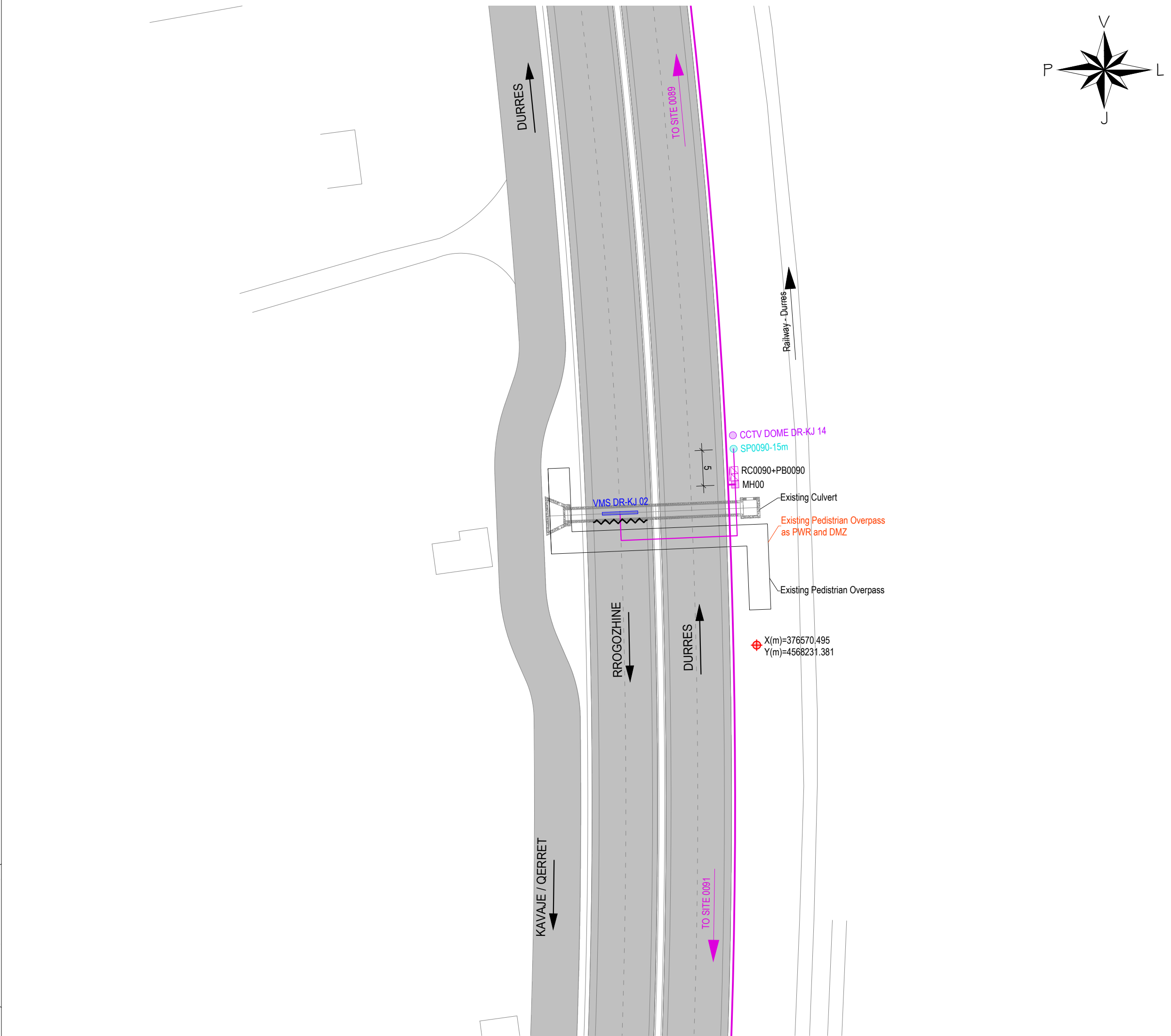
EMËRTIMI I VIZATIMIT / DRAWING TITLE

AL-AR 0089

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-112
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AL - ARA 0090

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	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 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	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	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
Support for VMS / VSLs / LPR	Support for VMS / VSLs / LPR	1
TO No SITE	To Site (No of Site)	-
	Optic Fibre (Main Line)	0
	Optic Fibre (Secondary Line)	32
	Steel Pipe Ø140mm	0

No - Number
Ns - Number of Site

GRUPI I PROJEKTIMIT / DESIGN TEAM

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

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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

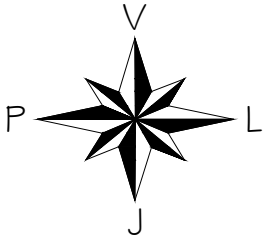
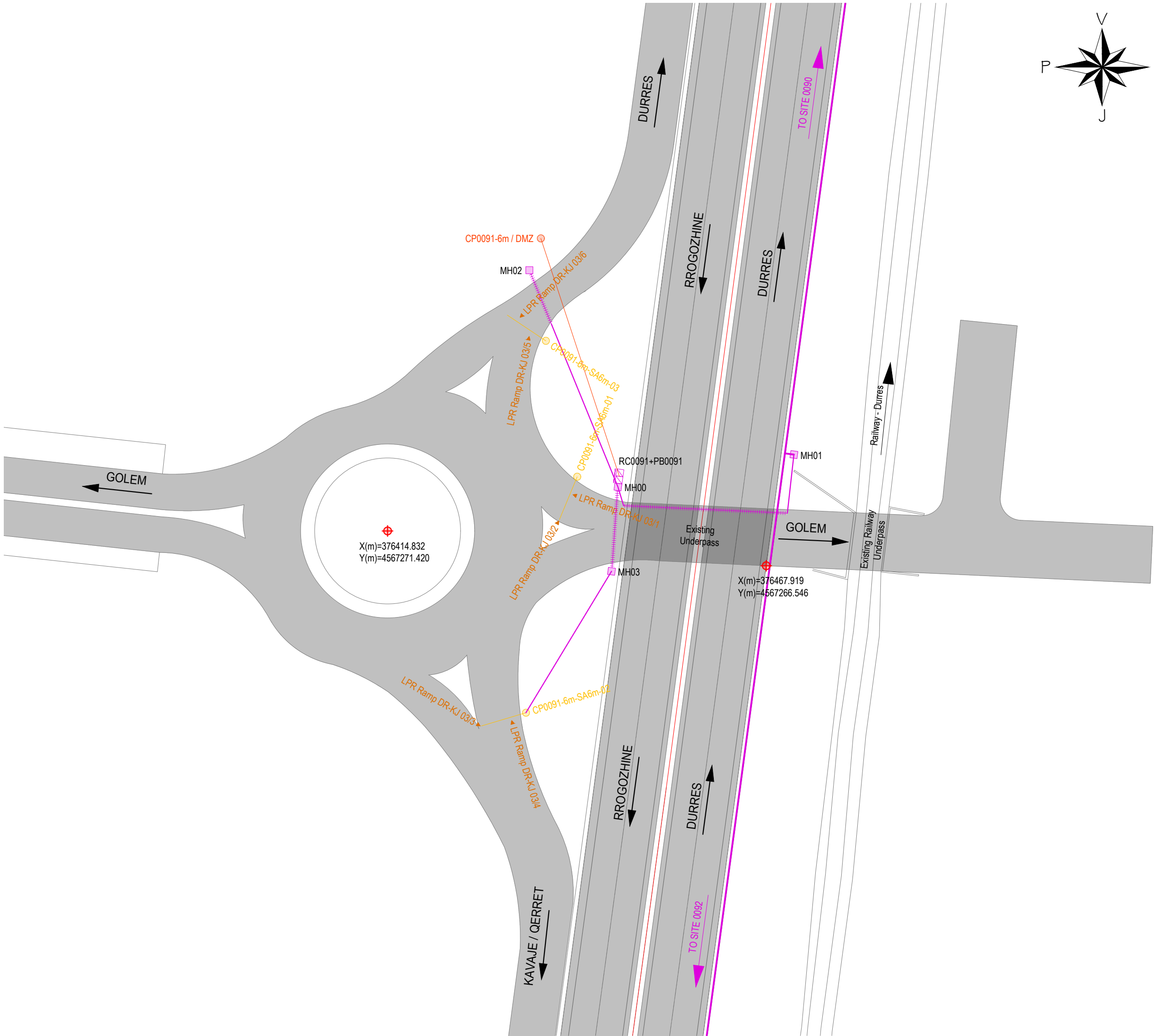
PËRSHKRIMI I FAZËS / PHASE DESCRIPTION

Projekt Zbatim

EMËRTIMI I VIZATIMIT / DRAWING TITLE

AL-AR 0090

SHKALLA / SCALE	1:500	DATA/DATE	February 2022
KODI I VIZATIMIT / DRAWING CODE		Nr. I VIZATIMIT / DRAWING NO.	
KODI	FAZA/PHASE	DISIPLINA	
B.T	P.Z	I	I-113



AL - ARA 0091		
SYMBOL	DESCRIPTIONS	Pc
CCTV DOME Seg.-No	CCTV Camera	6
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	1
MH No	Manhole	4
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	3
CPNs-6m-DA6m	Steel Cantilever Pole, Height 6m, Double Arm, Length 6m	0
Metallic Structure - VMS	Metallic Structure - VMS	0
CPFlag	Flag Cantilever	0
Support for VMS / VSLs / LPR	Support for VMS / VSLs / LPR	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)	102
Steel Pipe Ø140mm	Steel Pipe Ø140mm	42

No - Number
Ns - Number of Site

GRUPI I PROJEKTIMIT / DESIGN TEAM



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SH.P.K."

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Ekspert i Komunikacionit	Ing. Aldo Çoba		

TITULLI I PROJEKTIT / PROJECT TITLE

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KLIENTI / CLIENT **MIE & ARRSH**

PËRSHKRIMI I FAZËS / PHASE DESCRIPTION

Projekt Zbatim

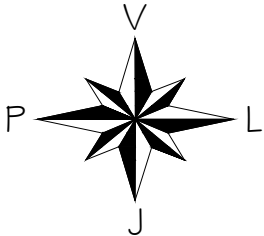
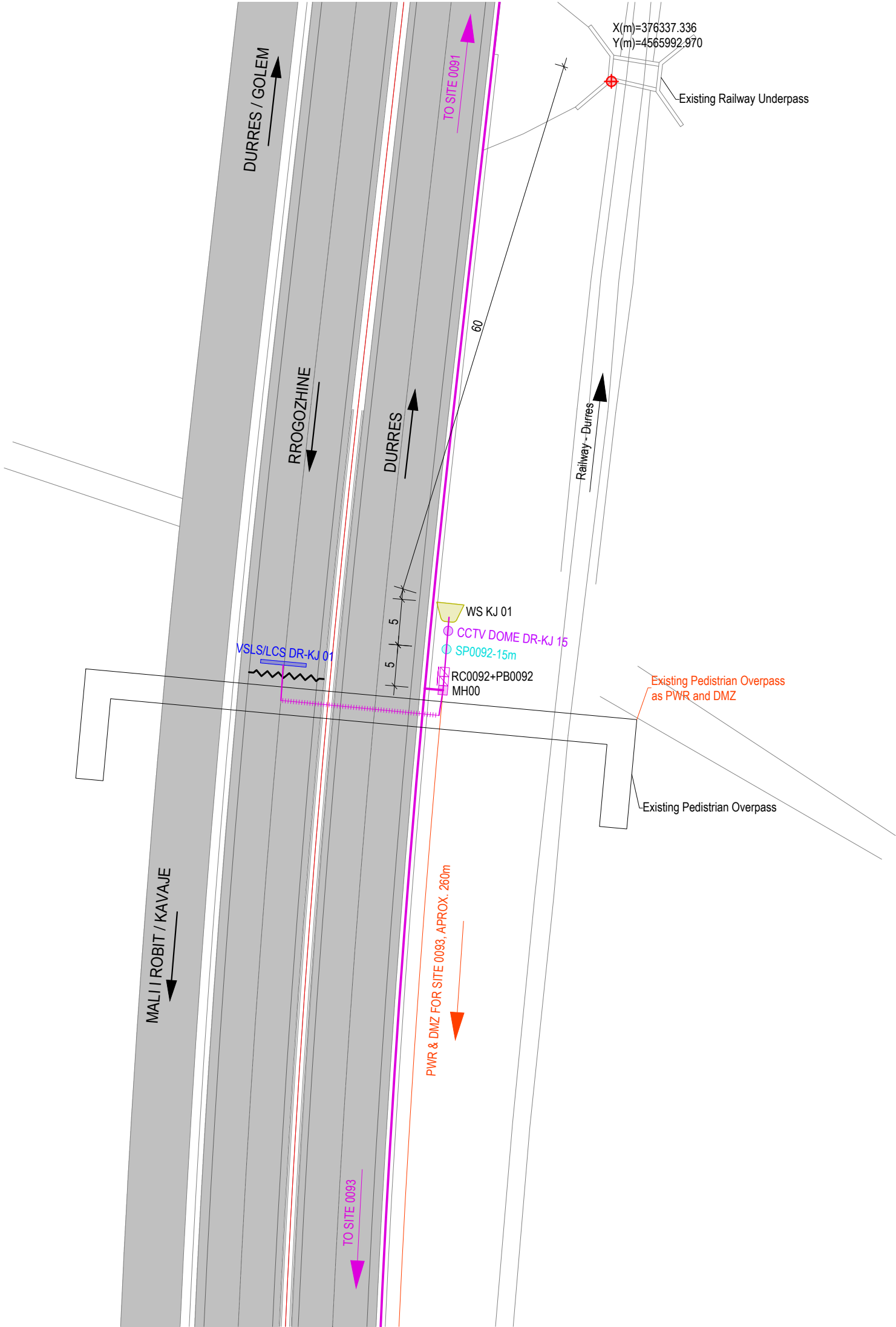
EMËRTIMI I VIZATIMIT / DRAWING TITLE

AL-AR 0091

SHKALLA / SCALE 1:500 DATA/DATE February 2022

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

KODI	FAZA/PHASE	DISIPLINA	
B.T	P.Z	I	I-114



AL - ARA 0092		
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	1
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	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
Support for VMS / VSLS / LPR	Support for VMS / VSLS / LPR	1
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)	30
Steel Pipe Ø140mm	Steel Pipe Ø140mm	17

No - Number
Ns - Number of Site

GRUPI I PROJEKTIMIT / DESIGN TEAM



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Ekspert i Komunikacionit	Ing. Aldo Çoba		

TITULLI I PROJEKTIT / PROJECT TITLE

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KLIENTI / CLIENT **MIE & ARRSH**

PËRSHKRIMI I FAZËS / PHASE DESCRIPTION

Projekt Zbatim

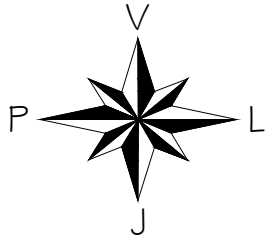
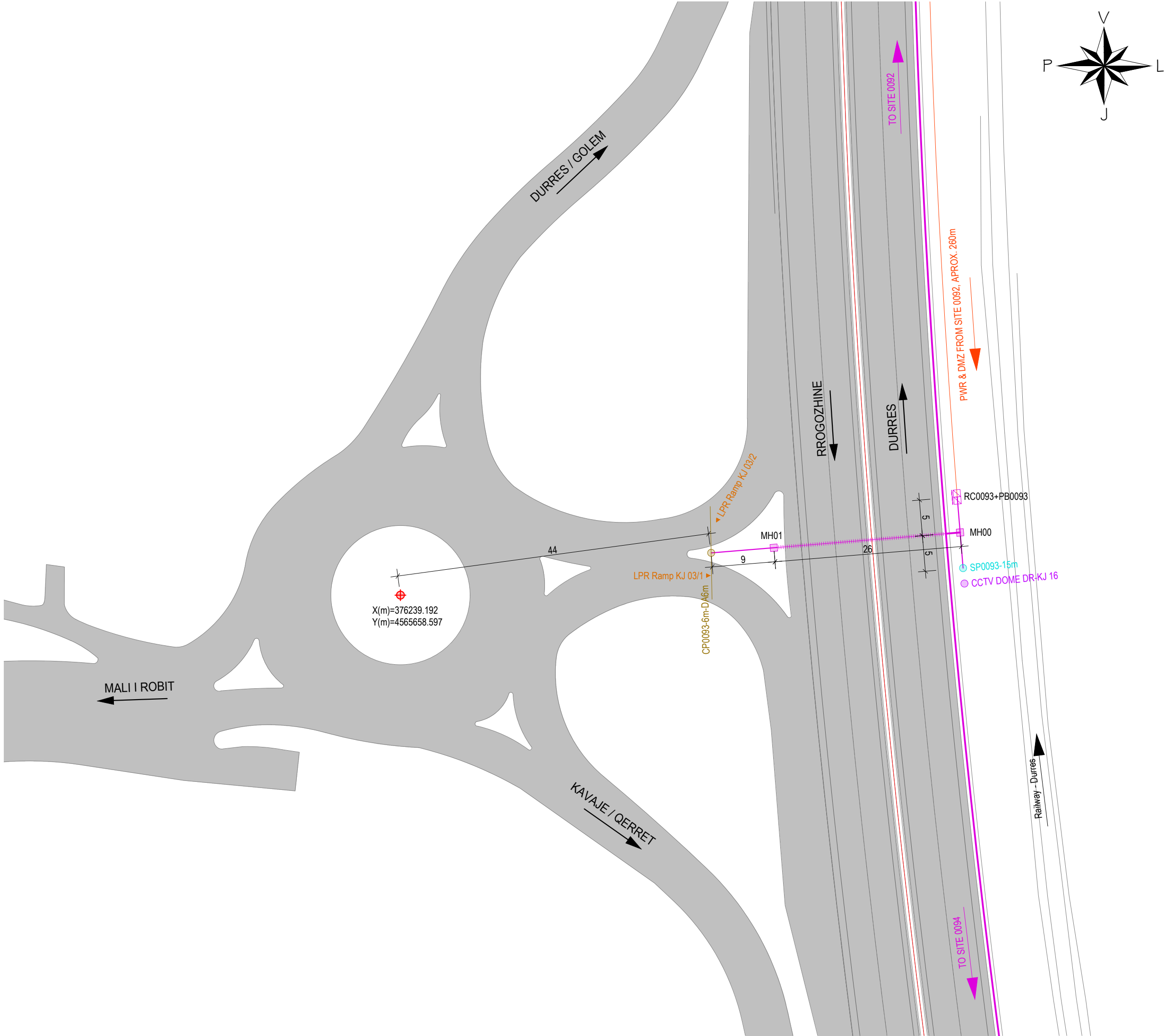
EMËRTIMI I VIZATIMIT / DRAWING TITLE

AL-AR 0092

SHKALLA / SCALE 1:500 DATA/DATE February 2022

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

KODI	FAZA/PHASE	DISIPLINA	I-115
B.T	P.Z	I	



AL - ARA 0093		
SYMBOL	DESCRIPTIONS	Pc
	CCTV Camera	1
	LPR RAMP	2
	TRAFFIC SIGNAL RAMP	0
	LPR SPEED CAMERA	0
	METEO WS	0
	SOS EPS	0
	VMS Electronic Table	0
	VSLs / LCS	0
	iWIM	0
	Road Cabinet	1
	Power Box	1
	Concrete Pole, Height 6m Demarkation Point	0
	Manhole	2
	Gantry VSLs / LCS	0
	LPR Gantry	0
	CCTV Steel Pole, Height 15m	1
	Steel Pole, Height 4m	0
	Steel Cantilever Pole, Height 6m, Single Arm, Length 4m	0
	Steel Cantilever Pole, Height 6m, Single Arm, Length 6m	0
	Steel Cantilever Pole, Height 6m, Double Arm, Length 6m	1
	Metallic Structure - VMS	0
	Flag Cantilever	0
	Support for VMS / VSLs / LPR	0
	To Site (No of Site)	-
	Optic Fibre (Main Line)	0
	Optic Fibre (Secondary Line)	45
	Steel Pipe Ø140mm	26

No - Number
Ns - Number of Site

GRUPI I PROJEKTIMIT / DESIGN TEAM



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

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Njësia Administrative Nr.5, 1019, Tiranë, Shqipëri

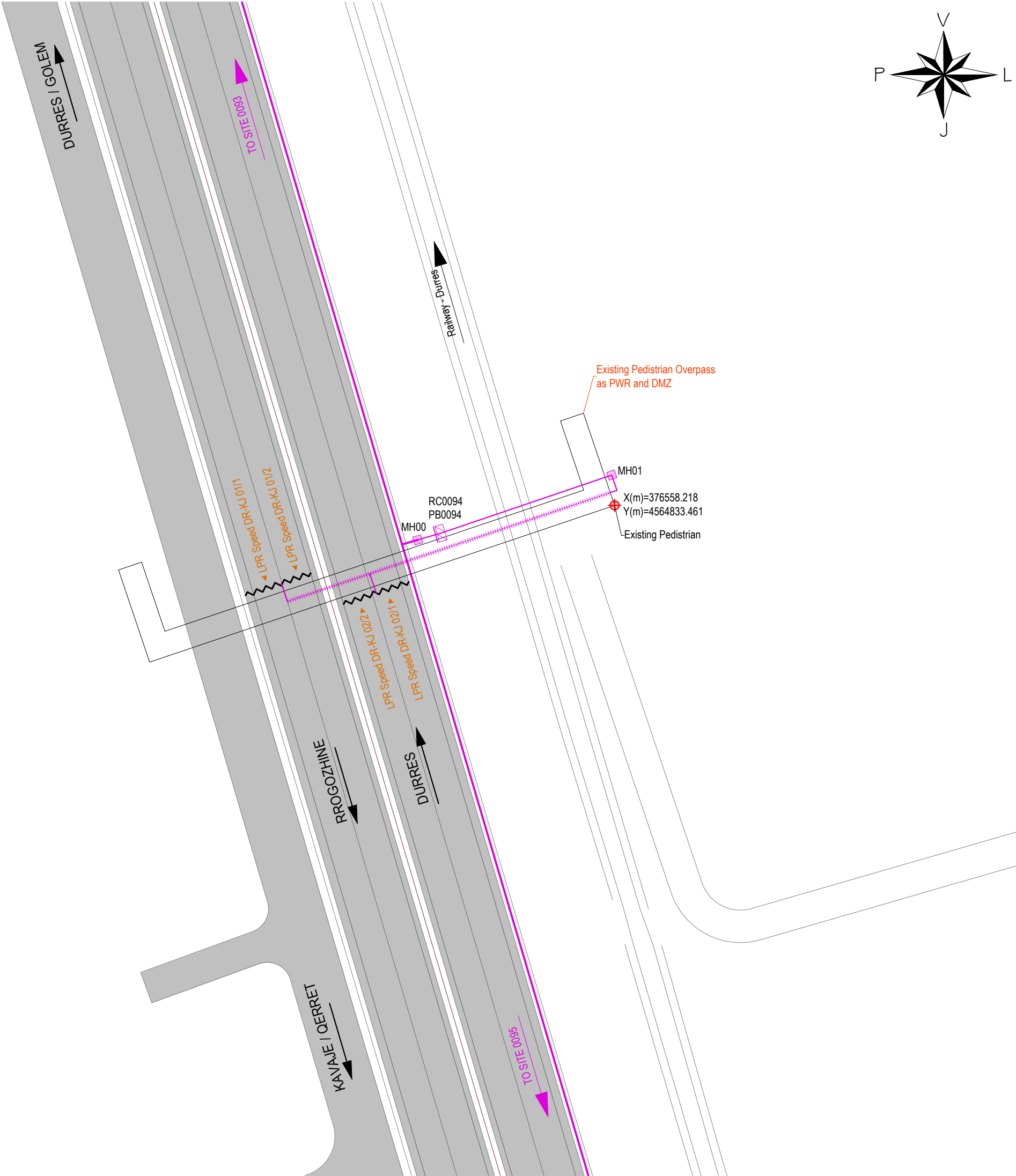


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Arkitektura	Ark. Nerta Konomi	Licenca: A.1437/1	
Elektrike	Ing. Hasan Bekteshi	Licenca: E.0188/3	
Ekspert i Komunikacionit	Ing. Aldo Çoba		

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-AR 0093			
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-116



AL - ARA 0094

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 Demarcation Point	0
MH No	Manhole	2
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
Support for VMS / VSLS / LPR	Support for VMS / VSLS / LPR	2
TO No SITE	To Site (No of Site)	-
	Optic Fibre (Main Line)	0
	Optic Fibre (Secondary Line)	76
	Steel Pipe Ø140mm	42

No - Number
Ns - Number of Site

GRUPI I PROJEKTIMIT / DESIGN TEAM

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

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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

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KLIENTI / CLIENT

MIE & ARRSH

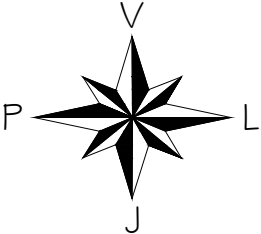
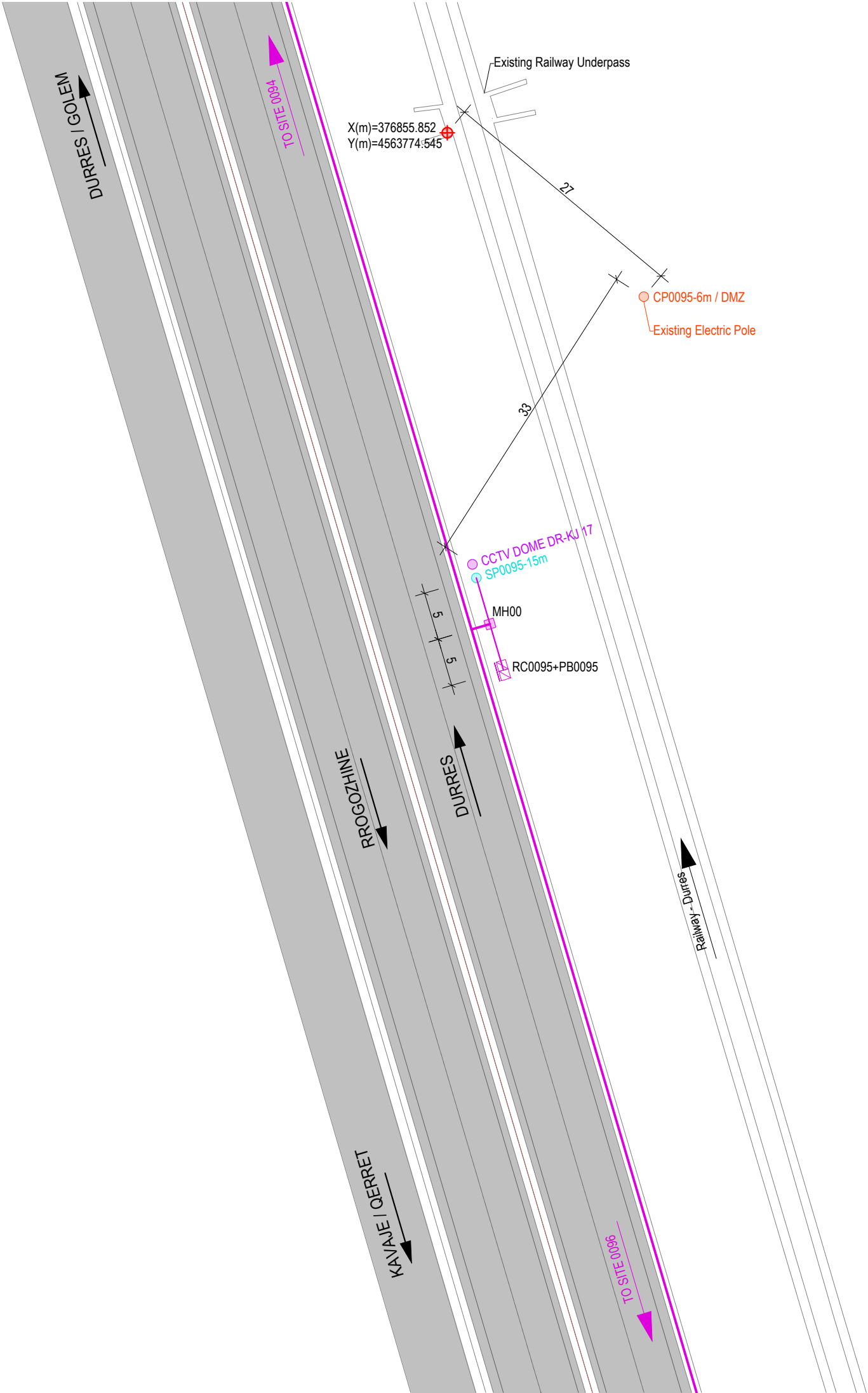
PËRSHKRIMI I FAZËS / PHASE DESCRIPTION

Projekt Zbatim

EMËRTIMI I VIZATIMIT / DRAWING TITLE

AL-AR 0094

SHKALLA / SCALE	1:500	DATA/DATE	February 2022
KODI I VIZATIMIT / DRAWING CODE		Nr. I VIZATIMIT / DRAWING NO.	
KODI	FAZA/PHASE	DISIPLINA	
B.T	P.Z	I	I-117



AL - ARA 0095		
SYMBOL	DESCRIPTIONS	Pc
CCTVT 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
Support for VMS / VSLs / LPR	Support for VMS / VSLs / LPR	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)	12
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."

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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

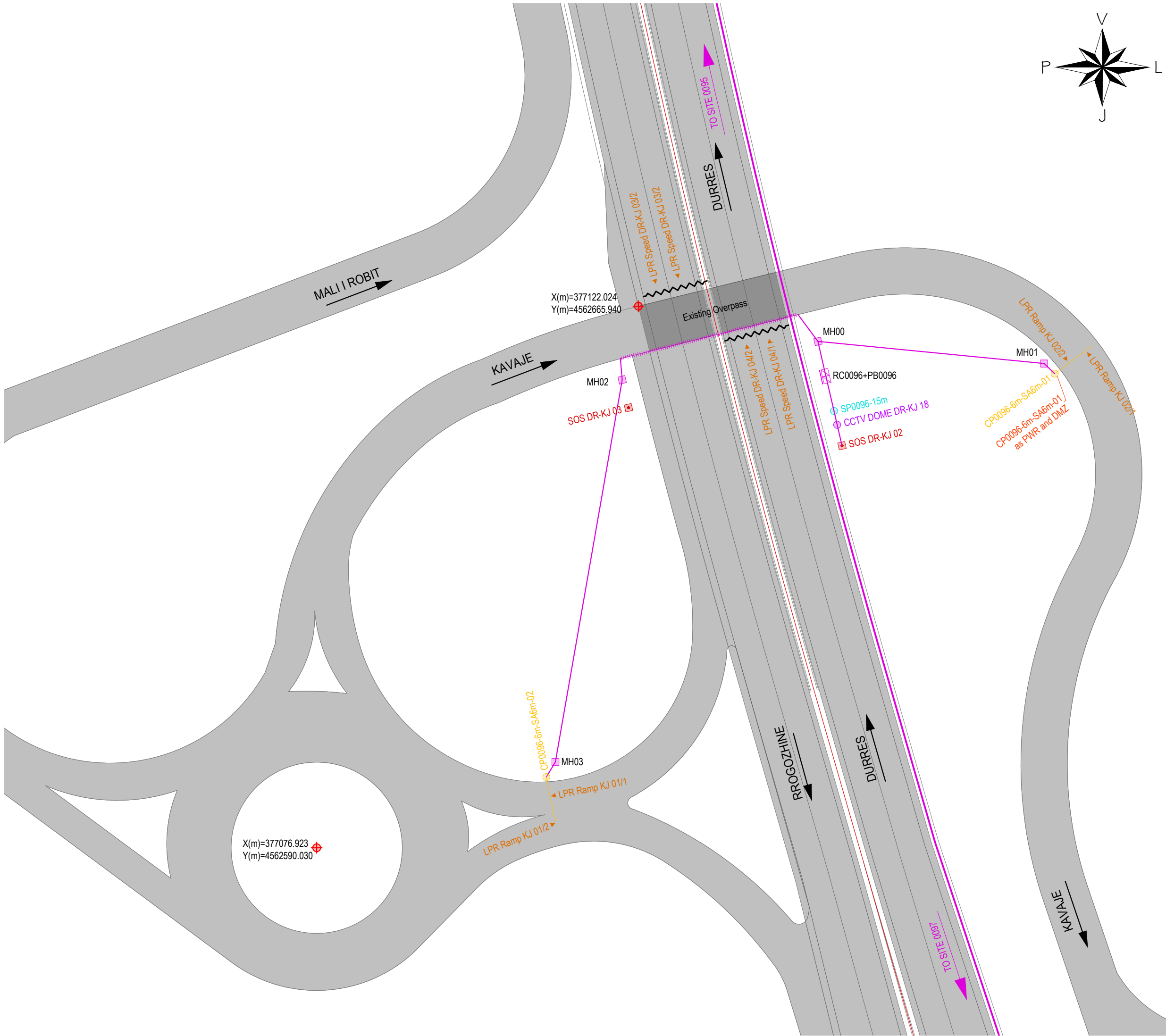
AL-AR 0095

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-118
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FORMAT: A3 (420mmx297mm)



AL - ARA 0096

SYMBOL	DESCRIPTIONS	Pc
	CCTV Camera	1
	LPR RAMP	5
	TRAFFIC SIGNAL RAMP	0
	LPR SPEED CAMERA	4
	METEO WS	0
	SOS EPS	2
	VMS Electronic Table	0
	VSLs / LCS	0
	iWIM	0
	Road Cabinet	1
	Power Box	1
	Concrete Pole, Height 6m Demarcation Point	0
	Manhole	0
	Gantry VSLs / LCS	4
	LPR Gantry	0
	CCTV Steel Pole, Height 15m	1
	Steel Pole, Height 4m	0
	Steel Cantilever Pole, Height 6m, Single Arm, Length 4m	0
	Steel Cantilever Pole, Height 6m, Single Arm, Length 6m	2
	Steel Cantilever Pole, Height 6m, Double Arm, Length 6m	0
	Metallic Structure - VMS	0
	Flag Cantilever	0
	Support for VMS / VSLs / LPR	2
	To Site (No of Site)	-
	Optic Fibre (Main Line)	0
	Optic Fibre (Secondary Line)	140
	Steel Pipe Ø140mm	26

No - Number
Ns - Number of Site

GRUPI I PROJEKTIMIT / DESIGN TEAM

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

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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

AL-AR 0096

SHKALLA / SCALE	1:500	DATA/DATE	February 2022
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