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NOTES:

1. The condition of the existing wastewater lines is to be verified by the contractor on site.
2. Where a new line is connected to an existing manhole, the invert level of the manhole should be verified on site by the contractor, and the contractor will take all the measures to deal with flow.
3. Where the pipe cover is less then 70 cm a concrete surround should be executed.
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5. The new executed line will replace the existing one which will be disconnected by the contractor when the new system will be put on service.
6. For the house connections refer to the particular specifications.
7. For manholes details refer to the particular specifications and standard drawings.
8. For trench details refer to particular specifications and standard drawings.



LOCATION:

MAACHOUK - SOUR

PROJECT NAME:

UPGRADE AND CONNECT WASTE WATER NETWORK

PROJECT NUMBER: SA-01

TITLE:

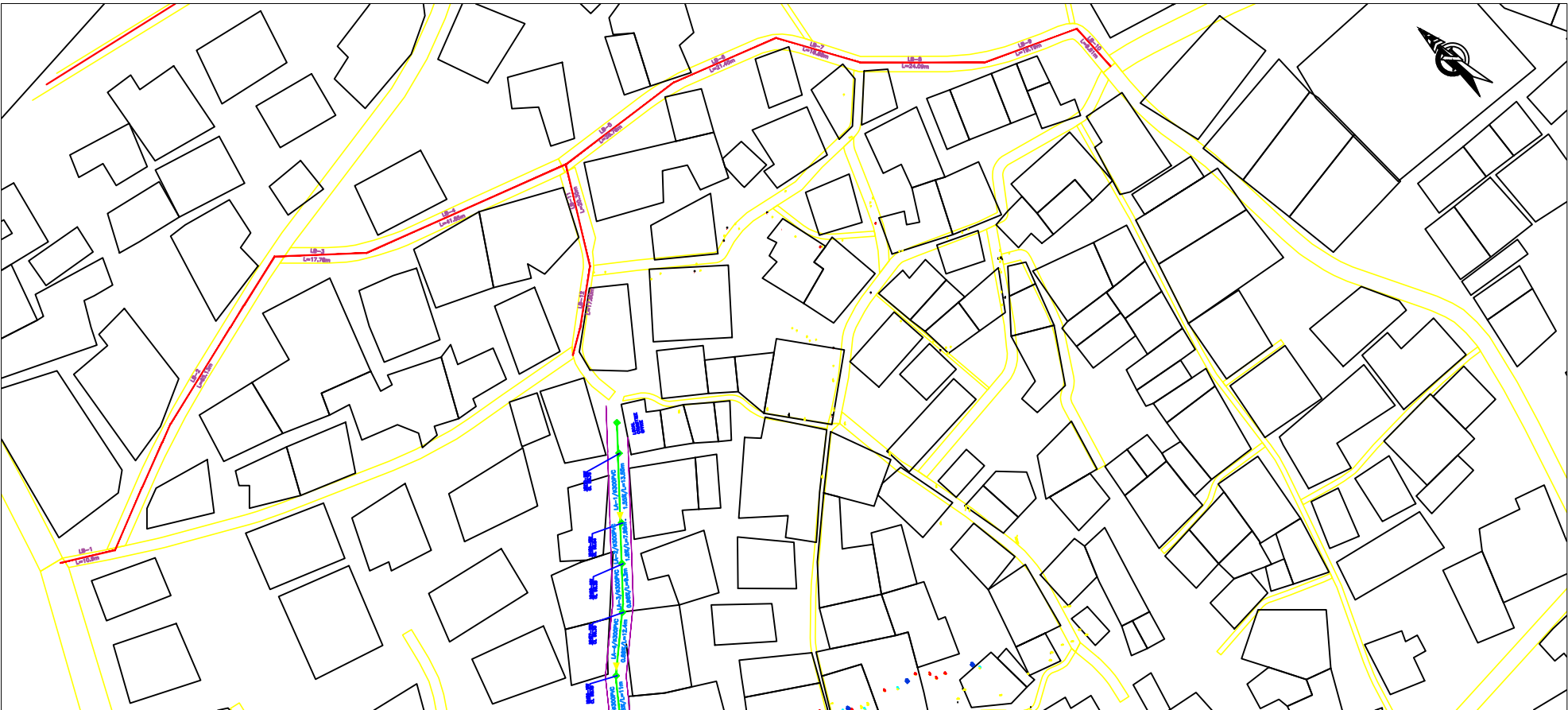
LIST OF DRAWINGS

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STATUS:	DISCIPLINE:
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Sheet Number	Sheet Tittle	Drawing by	Designed by	Approved
MA-00	List of Drawings	TY-ZH	VARIES	EM
MA-01	Network Upgrading Details	TY-ZH	VARIES	EM
MA-02	Manholes Details	TY	VARIES	EM
MA-03	Pipe Section Details	TY	VARIES	EM



JETTING WASTE WATER NETWORK

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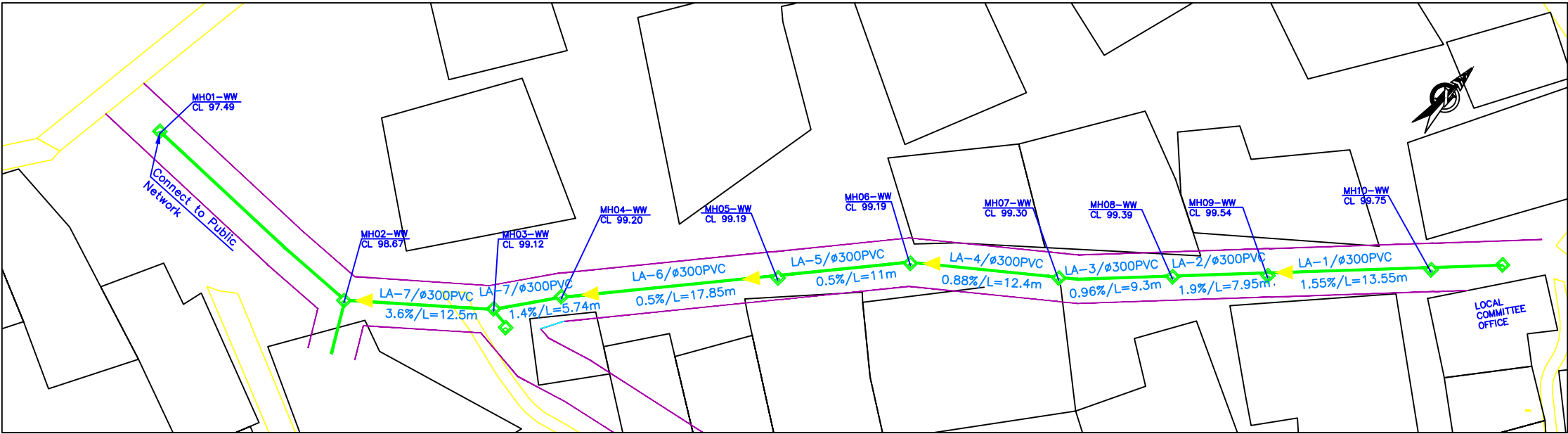
PROJECT NAME:
UPGRADE AND CONNECT WASTE WATER NETWORK
PROJECT NUMBER: SA-01

TITLE:
JETTING WASTE WATER LINES

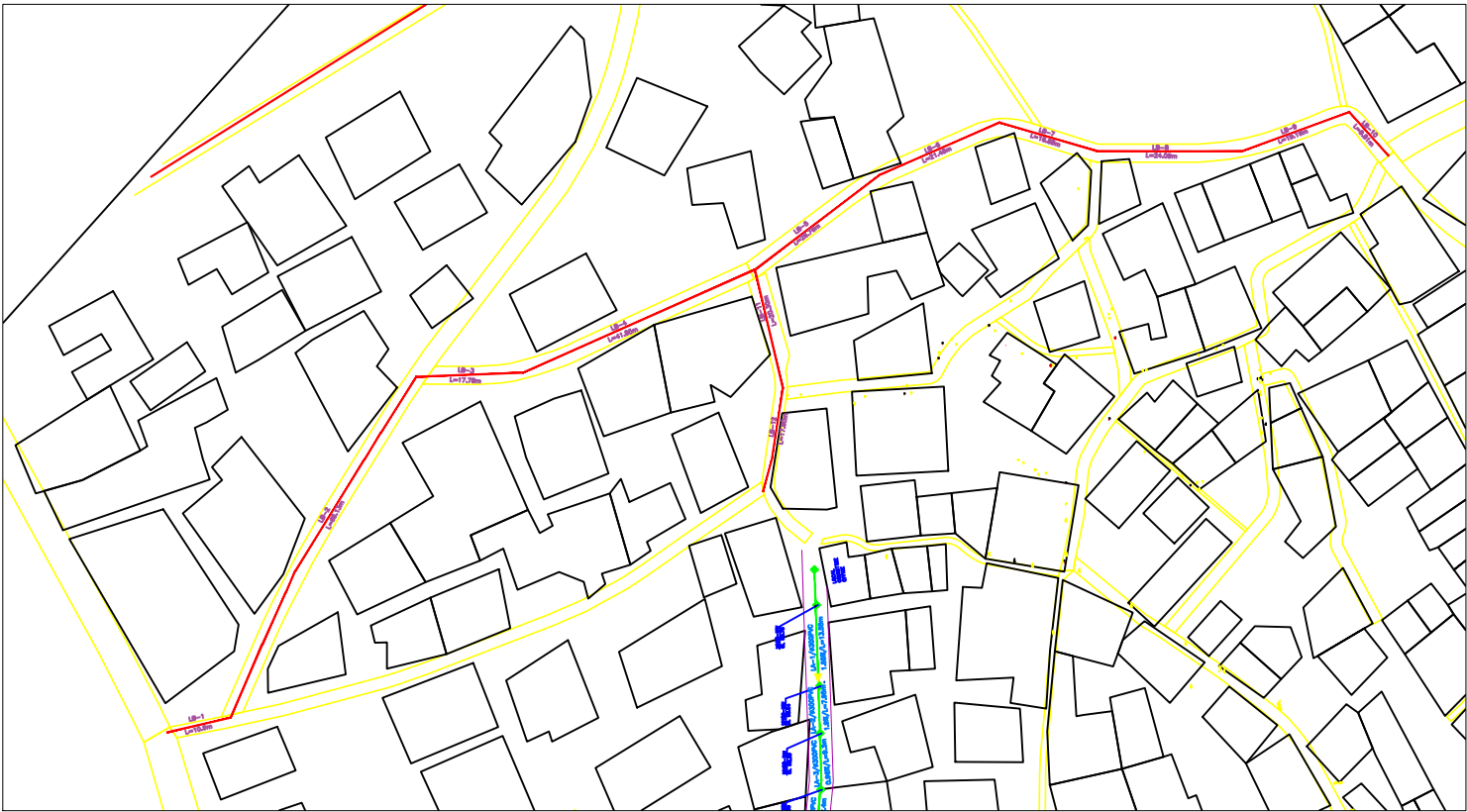
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New Waste water Line



Jetting Line

Manhole ID	Elevation	Pipe Diameter
MH01-WW	CL 97.49	Ø 300
MH02-WW	CL 98.87	Ø 300
MH03-WW	CL 99.12	Ø 300
MH04-WW	CL 99.20	Ø 300
MH05-WW	CL 99.19	Ø 300
MH06-WW	CL 99.19	Ø 300
MH07-WW	CL 99.30	Ø 300
MH08-WW	CL 99.39	Ø 300
MH09-WW	CL 99.54	Ø 300
MH10-WW	CL 99.75	Ø 300

Manholes Table

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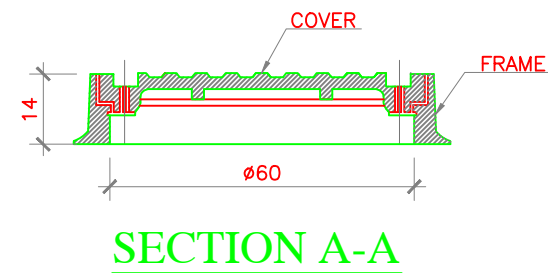
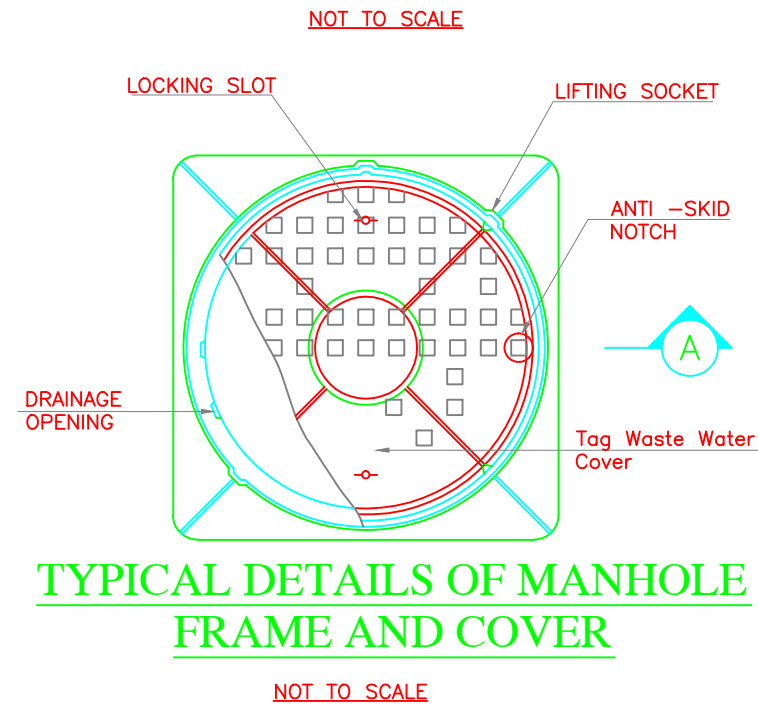
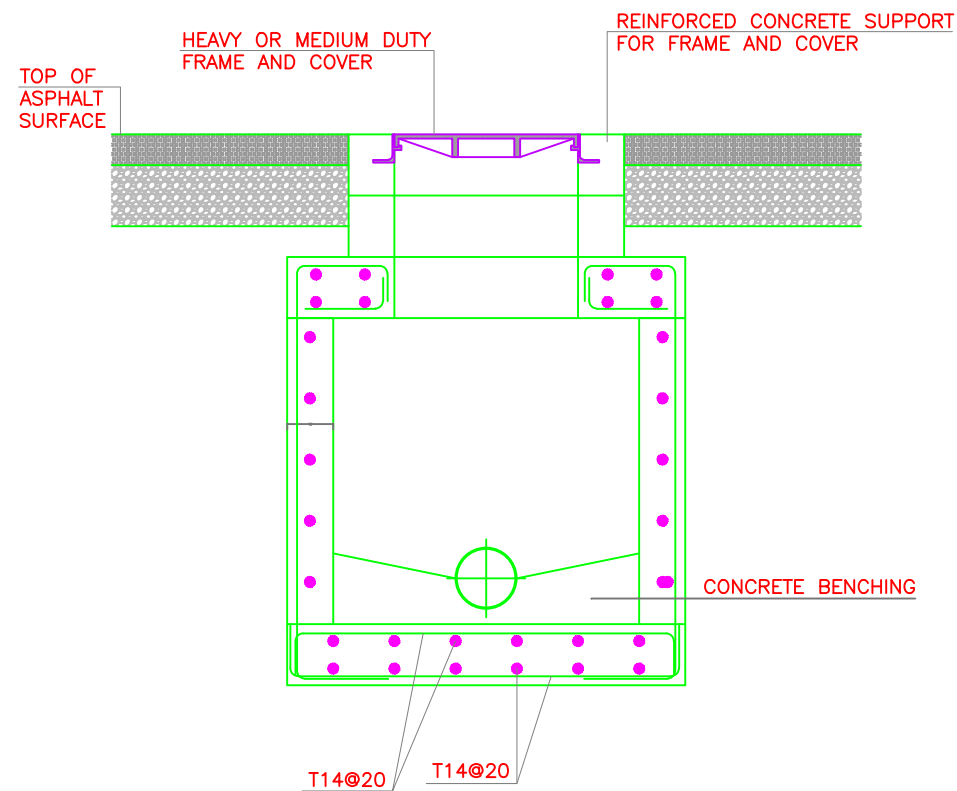
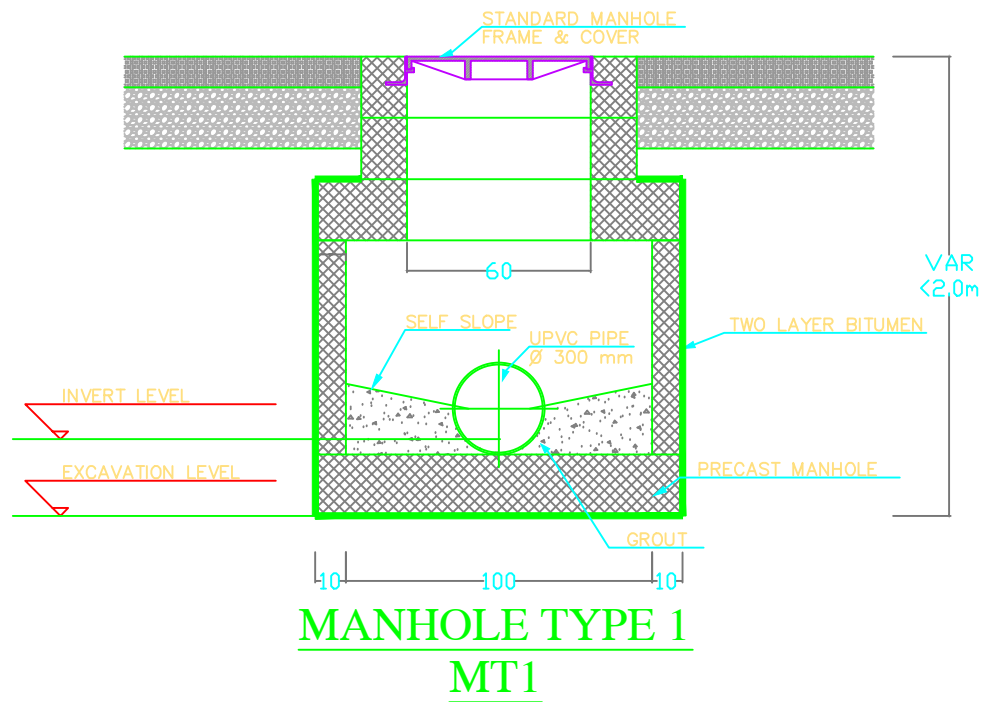
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NETWORK DETAILS

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VARIES	18/05/17	TY/ZH	EM
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N/A	MA-01	A3	

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UN HABITAT
FOR A BETTER URBAN FUTURE

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UPGRADE AND CONNECT WASTE
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PROJECT NUMBER: SA-01

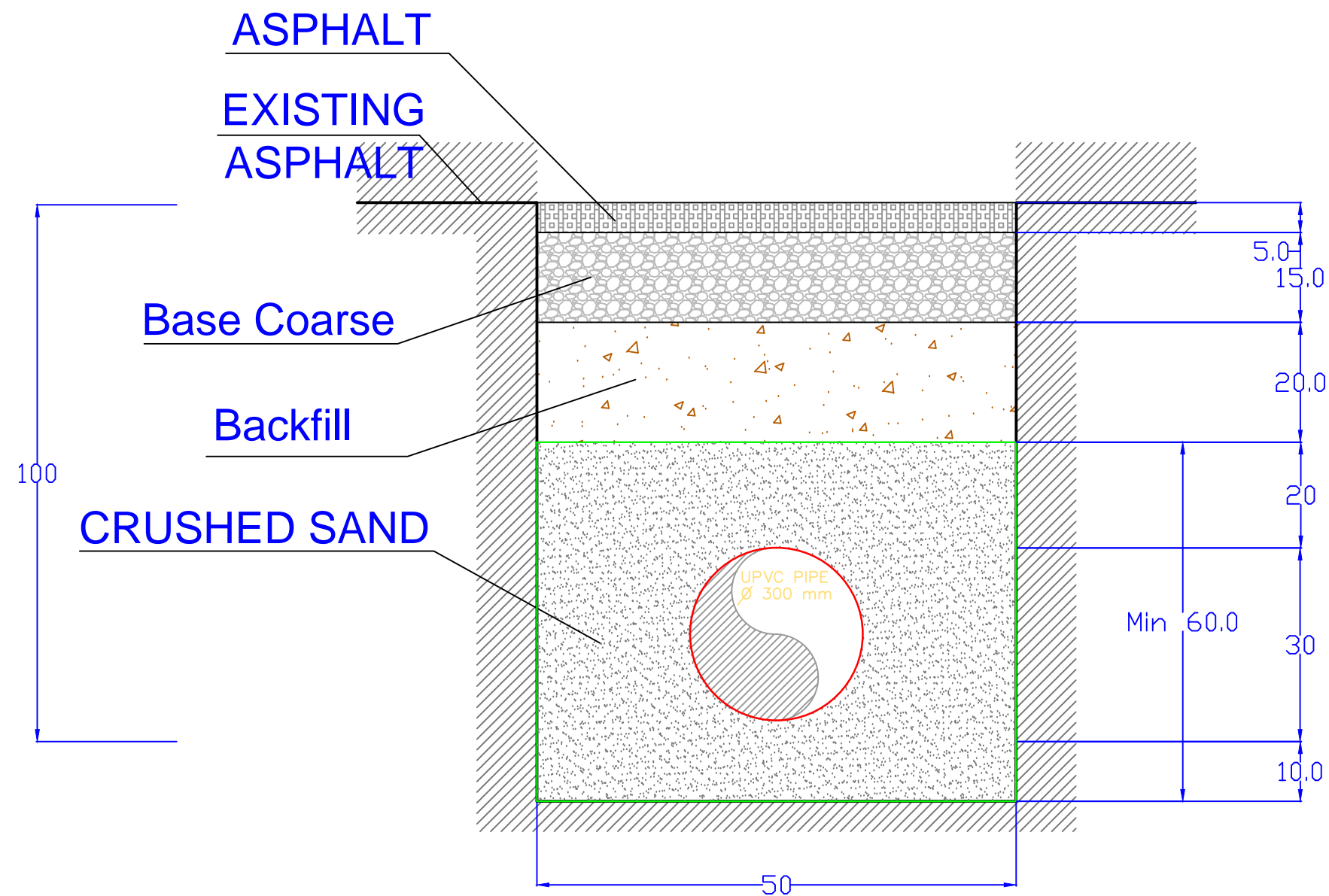
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MANHOLES DETAILS

SCALE:	DATE:	DRAWN BY:	APPROVED BY:
VARIABLES	18/05/17	TY	EM
LOT NUMBER:	DRAWING NUMBER:	FORMAT:	
N/A	MA-03	A3	

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PIPE SECTION

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TITLE:

PIPE SECTION DETAILS

SCALE:	DATE:	DRAWN BY:	APPROVED BY:
VARIES	18/05/17	TY	EM
LOT NUMBER:	DRAWING NUMBER:	FORMAT:	
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STATUS:	DISCIPLINE:
TENDER	SEWERS

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REV:		BY	