

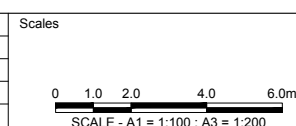
MINIMUM COVER UPTO CROWN OF PIPE	
ITEM	MINIMUM DEPTH
WATER SUPPLY	1.20 M
WASTE WATER	1.00 M
POWER (MV)	1.20 M
ICT	1.20 M
GAS	1.00 M
REUSE WATER	1.00 M

NOTE:-

1. ALL DIMENSIONS ARE IN MM.
2. ONLY UTILITY CORRIDOR WIDTHS ARE MARKED.
3. SIZE OF UTILITIES SHOWN ARE REPRESENTATIVE AND ACTUAL SIZES WILL VARY AT DIFFERENT LOCATIONS AS PER DETAILED DESIGNS.
4. ROOT BARRIERS ARE CONSIDERED IN GREEN BELTS TO PROTECT UTILITIES.

FOR TENDER DRAWINGS

Rev	Description	By	Verified	Date
R2	ISSUED AFTER REMOVING ICT & POWER FROM MEDIAN	KVR	KSP	05.06.2017
R1	ISSUED AFTER REMOVING SWALES AND ADDING DRAINS	KVR	MKS	20.01.2017
R0	ISSUED FOR INITIAL SUBMISSION	KVR	LNB	21.09.2016



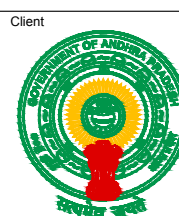
SCALES SHOWN ARE FOR AN A1 SIZE
ORIGINAL DRAWING

Consultants



aarvee associates
architects engineers & consultants pvt. ltd.

GIC 贵州海上丝路国际投资有限公司
GUIZHOU HAI SHANG SILK ROAD INTERNATIONAL INVESTMENT CORPORATION



**Andhra Pradesh
Amaravati Development
Corporation Ltd. (ADCL)**

Drawn BHARATH
Checked RAMARAJU
Designed VEERAJ
Approved KSSVV PRASAD
Date 05.06.2017

	Project
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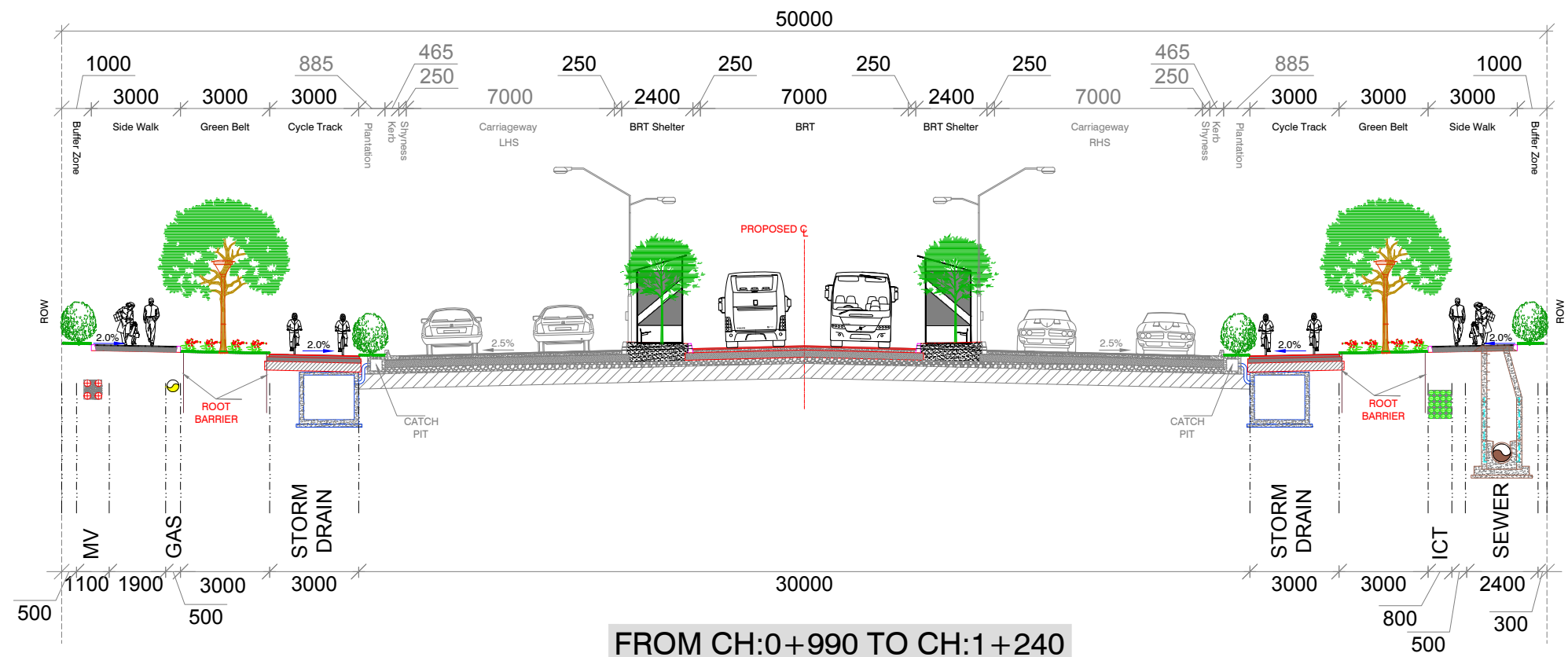
SMART INTEGRATED INFRASTRUCTURE MASTER PLAN
AND DETAILED PROJECT REPORTS FOR PHASE-I
INFRASTRUCTURE WORKS FOR/AT AMARAVATI CAPITAL CITY

TYPICAL CROSS SECTION OF E10 - ROAD WITH UTILITY
ARRANGEMENT FOR AMARAVATI CAPITAL CITY

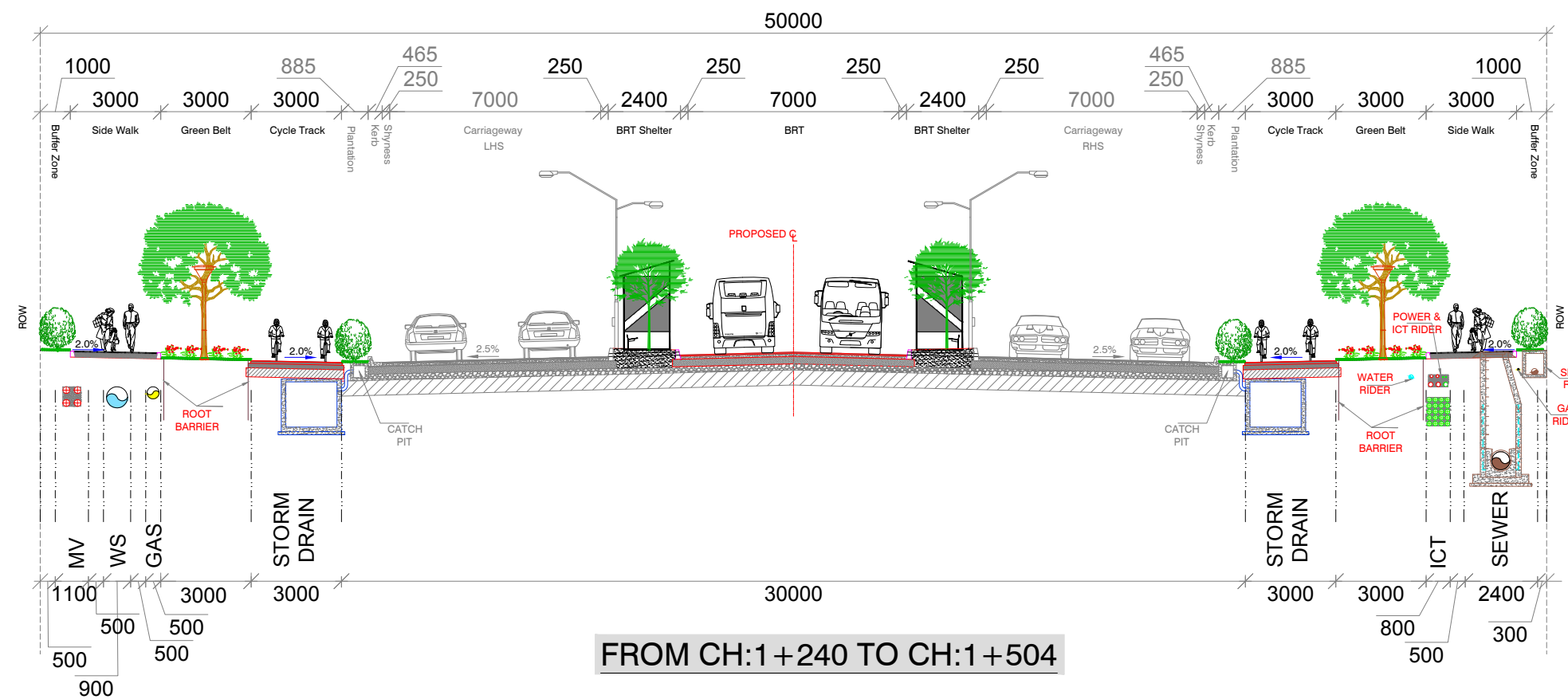
AG-1957-DDR-AM-UT-TCS-E10-001 OF 008

(E10-ROAD)	Re
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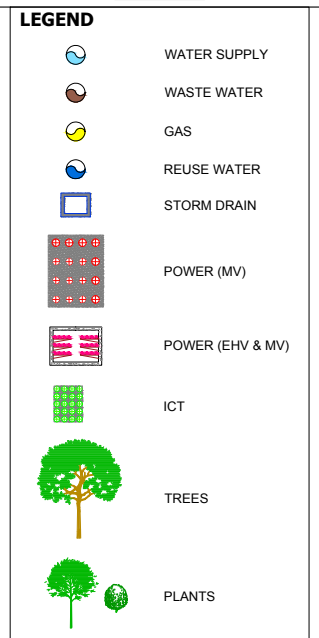
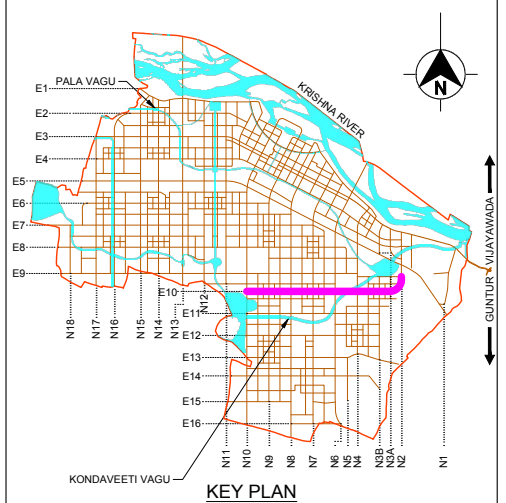
R2



TYPICAL CROSS SECTION OF 4 - LANE FOR SUB-ARTERIAL ROADS WITH BRT (50M)



TYPICAL CROSS SECTION OF 4 - LANE FOR SUB-ARTERIAL ROADS WITH BRT (50M)



MINIMUM COVER UPTO CROWN OF PIPE	
ITEM	MINIMUM DEPTH
WATER SUPPLY	1.20 M
WASTE WATER	1.00 M
POWER (MV)	1.20 M
ICT	1.20 M
GAS	1.00 M
REUSE WATER	1.00 M

- NOTE:-
- ALL DIMENSIONS ARE IN MM.
 - ONLY UTILITY CORRIDOR WIDTHS ARE MARKED.
 - SIZE OF UTILITIES SHOWN ARE REPRESENTATIVE AND ACTUAL SIZES WILL VARY AT DIFFERENT LOCATIONS AS PER DETAILED DESIGNS.
 - ROOT BARRIERS ARE CONSIDERED IN GREEN BELTS TO PROTECT UTILITIES.

FOR TENDER DRAWINGS

Rev	Description	By	Verified	Date
R2	ISSUED AFTER REMOVING ICT & POWER FROM MEDIAN	KVR	KSP	05.06.2017
R1	ISSUED AFTER REMOVING SWALES AND ADDING DRAINS	KVR	MKS	20.01.2017
R0	ISSUED FOR INITIAL SUBMISSION	KVR	LNB	21.09.2016

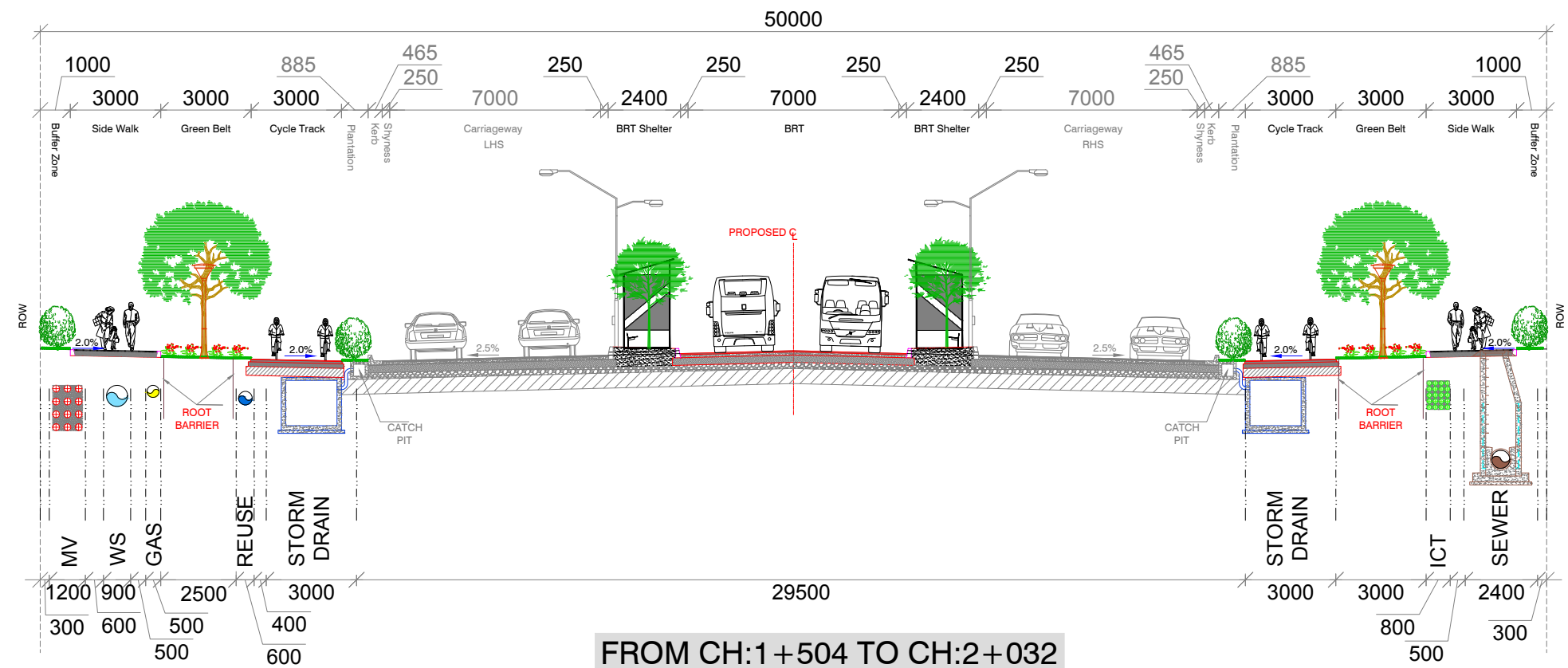
Scales	
0	1.0 2.0 4.0 6.0m
SCALE - A1 = 1:100 ; A3 = 1:200	
SCALES SHOWN ARE FOR AN A1 SIZE ORIGINAL DRAWING	

Consultants	
aarvee associates	architects engineers & consultants pvt. ltd.
GIIC	贵州海上丝路国际投资有限公司
JV	

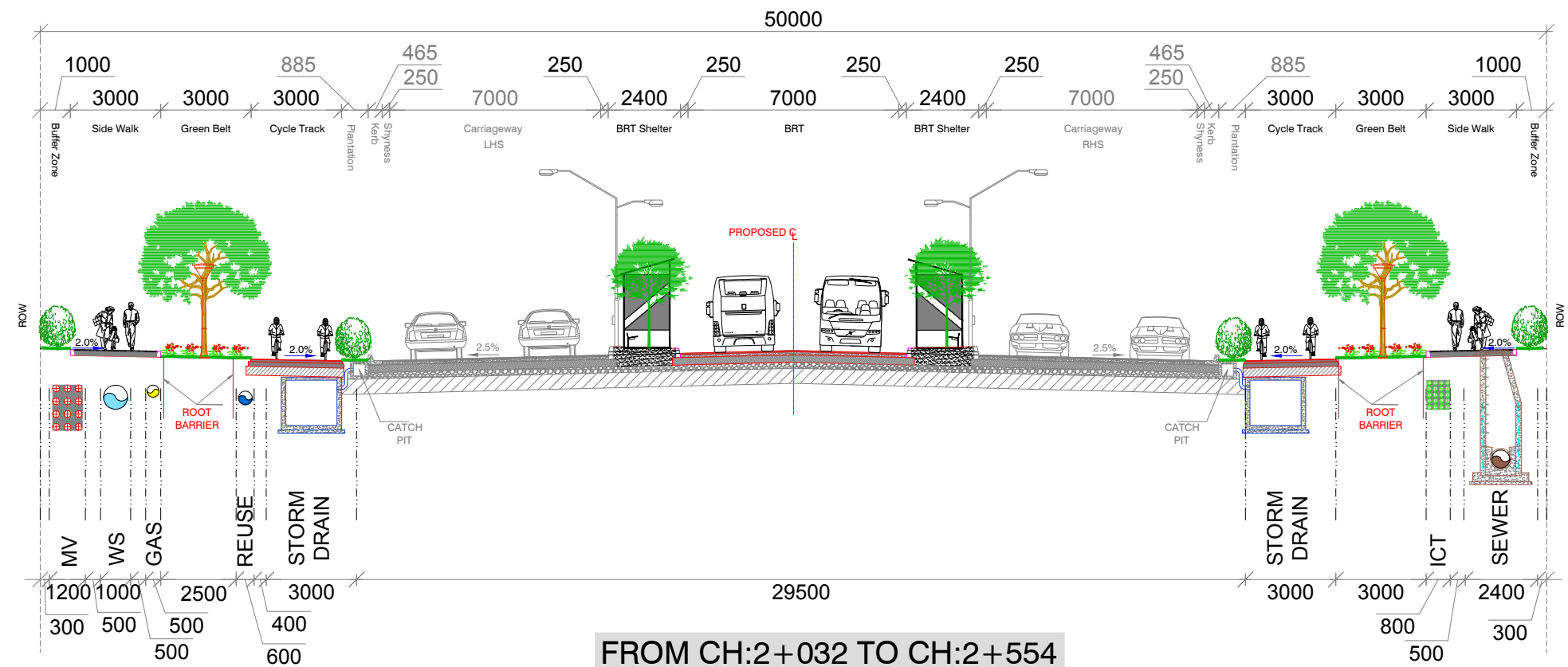
Client	
Andhra Pradesh	Amaravati Development Corporation Ltd. (ADCL)

Drawn	
BHARATH	Checked
RAMARAJU	Designed
VEERAJ	Approved
KSSVV PRASAD	Date
05.06.2017	

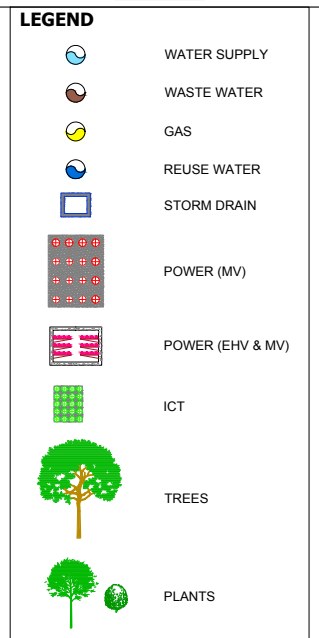
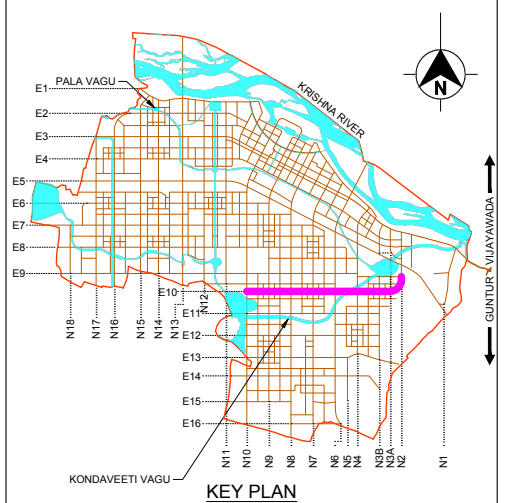
Project	
SMART INTEGRATED INFRASTRUCTURE MASTER PLAN AND DETAILED PROJECT REPORTS FOR PHASE-I INFRASTRUCTURE WORKS FOR/AT AMARAVATI CAPITAL CITY	
Drawing Title	
TYPICAL CROSS SECTION OF E10 - ROAD WITH UTILITY ARRANGEMENT FOR AMARAVATI CAPITAL CITY	
Drawing No	
AG-1957-DDR-AM-UT-TCS-E10-002 OF 008	Rev
(E10-ROAD)	R2



TYPICAL CROSS SECTION OF 4 - LANE FOR SUB-ARTERIAL ROADS WITH BRT (50M)



TYPICAL CROSS SECTION OF 4 - LANE FOR SUB-ARTERIAL ROADS WITH BRT (50M)



MINIMUM COVER UPTO CROWN OF PIPE	
ITEM	MINIMUM DEPTH
WATER SUPPLY	1.20 M
WASTE WATER	1.00 M
POWER (MV)	1.20 M
ICT	1.20 M
GAS	1.00 M
REUSE WATER	1.00 M

- NOTE:-
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 - ROOT BARRIERS ARE CONSIDERED IN GREEN BELTS TO PROTECT UTILITIES.

FOR TENDER DRAWINGS

Rev	Description	By	Verified	Date
R2	ISSUED AFTER REMOVING ICT & POWER FROM MEDIAN	KVR	KSP	05.06.2017
R1	ISSUED AFTER REMOVING SWALES AND ADDING DRAINS	KVR	MKS	20.01.2017
R0	ISSUED FOR INITIAL SUBMISSION	KVR	LNB	21.09.2016

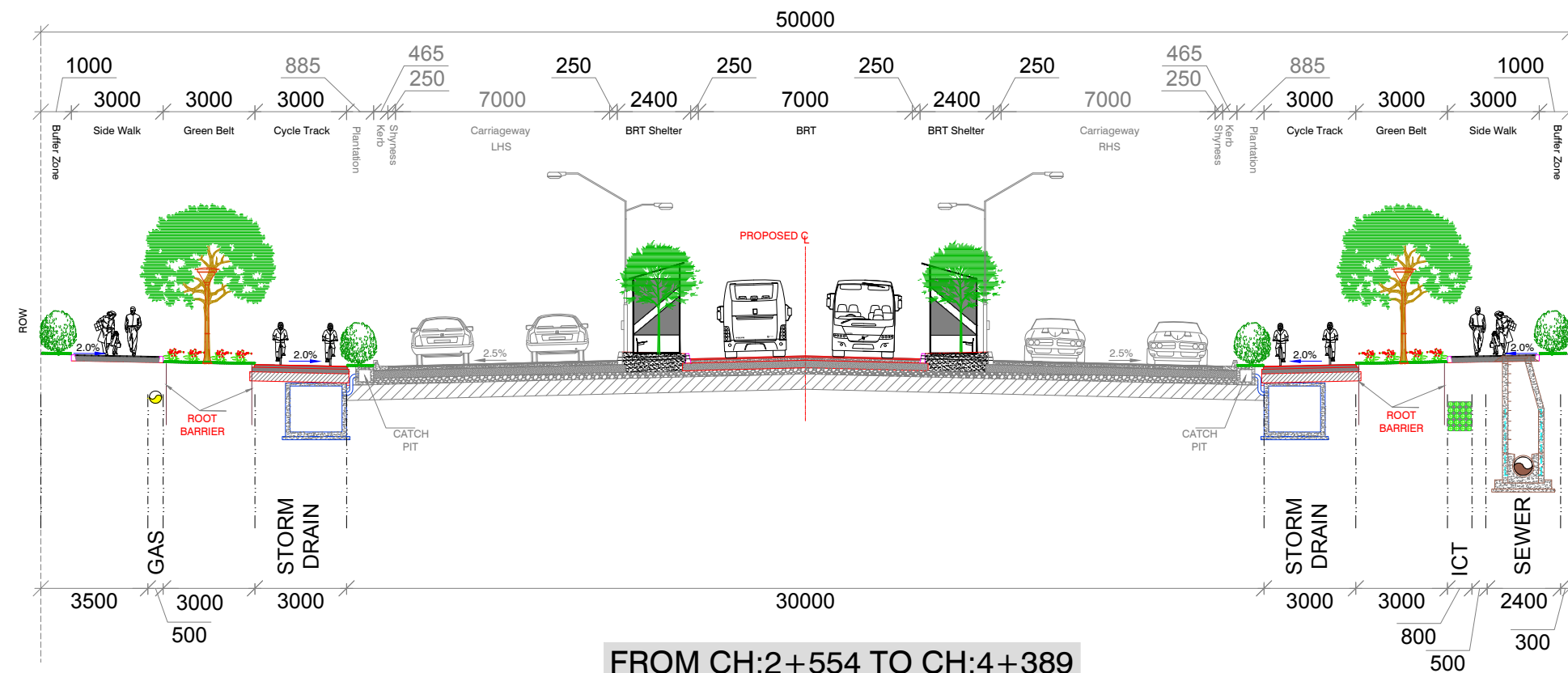
Scales	
0	1.0 2.0 4.0 6.0m
SCALE - A1 = 1:100 ; A3 = 1:200	
SCALES SHOWN ARE FOR AN A1 SIZE ORIGINAL DRAWING	

Consultants	
aarvee associates	architects engineers & consultants pvt. ltd.
GIIC	贵州海上丝路国际投资有限公司
JV	

Client	
Andhra Pradesh	Amaravati Development Corporation Ltd. (ADCL)

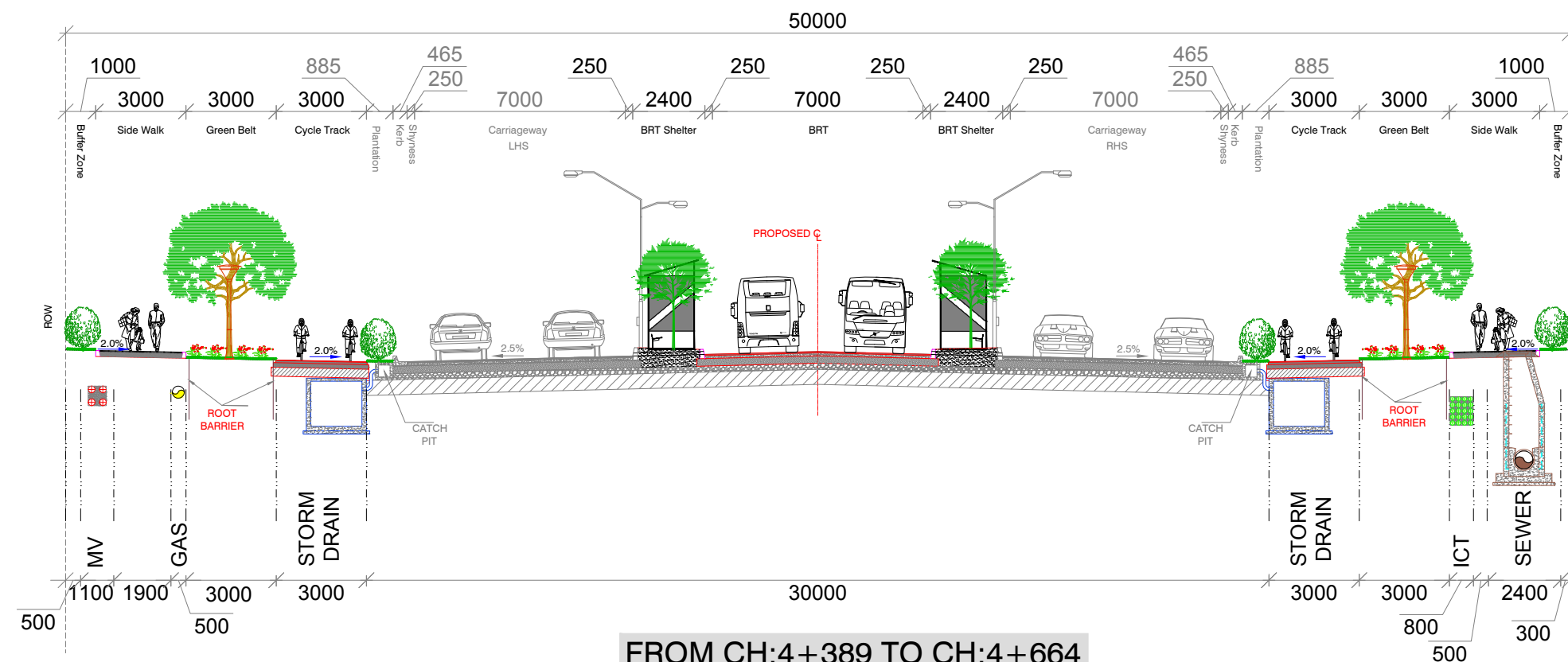
Drawn	
BHARATH	Checked
RAMARAJU	Designed
VEERAJ	Approved
KSSVV PRASAD	Date
05.06.2017	

Project	
SMART INTEGRATED INFRASTRUCTURE MASTER PLAN AND DETAILED PROJECT REPORTS FOR PHASE-I INFRASTRUCTURE WORKS FOR/AT AMARAVATI CAPITAL CITY	
Drawing Title	
TYPICAL CROSS SECTION OF E10 - ROAD WITH UTILITY ARRANGEMENT FOR AMARAVATI CAPITAL CITY	
Drawing No	
AG-1957-DDR-AM-UT-TCS-E10-003 OF 008	Rev
(E10-ROAD)	R2



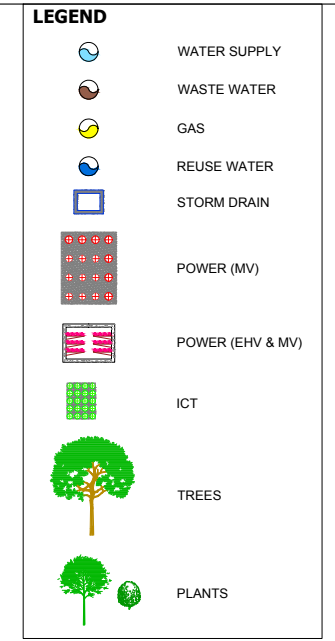
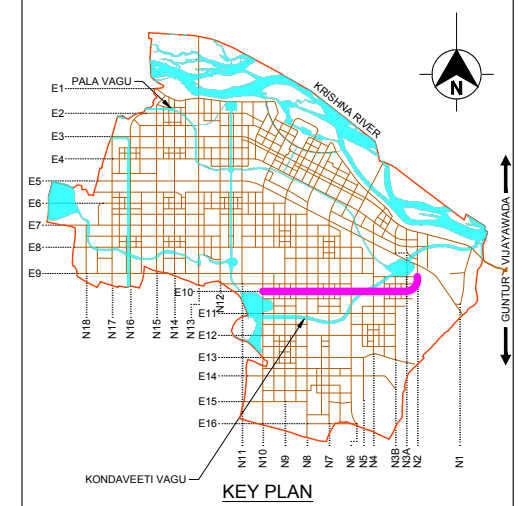
FROM CH:2+554 TO CH:4+389

TYPICAL CROSS SECTION OF 4 - LANE FOR SUB-ARTERIAL ROADS WITH BRT (50M)



FROM CH:4+389 TO CH:4+664

TYPICAL CROSS SECTION OF 4 - LANE FOR SUB-ARTERIAL ROADS WITH BRT (50M)

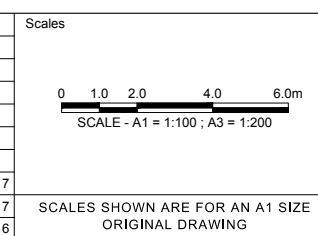


MINIMUM COVER UPTO CROWN OF PIPE	
ITEM	MINIMUM DEPTH
WATER SUPPLY	1.20 M
WASTE WATER	1.00 M
POWER (MV)	1.20 M
ICT	1.20 M
GAS	1.00 M
REUSE WATER	1.00 M

- NOTE:-
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FOR TENDER DRAWINGS

Rev	Description	By	Verified	Date
R2	ISSUED AFTER REMOVING ICT & POWER FROM MEDIAN	KVR	KSP	05.06.2017
R1	ISSUED AFTER REMOVING SWALES AND ADDING DRAINS	KVR	MKS	20.01.2017
R0	ISSUED FOR INITIAL SUBMISSION	KVR	LNB	21.09.2016



Consultants

aarvee associates
architects engineers & consultants pvt. ltd.

GIIC 贵州海上丝路国际投资有限公司
GUOZHONGHAI SILK ROAD INTERNATIONAL INVESTMENT CORPORATION

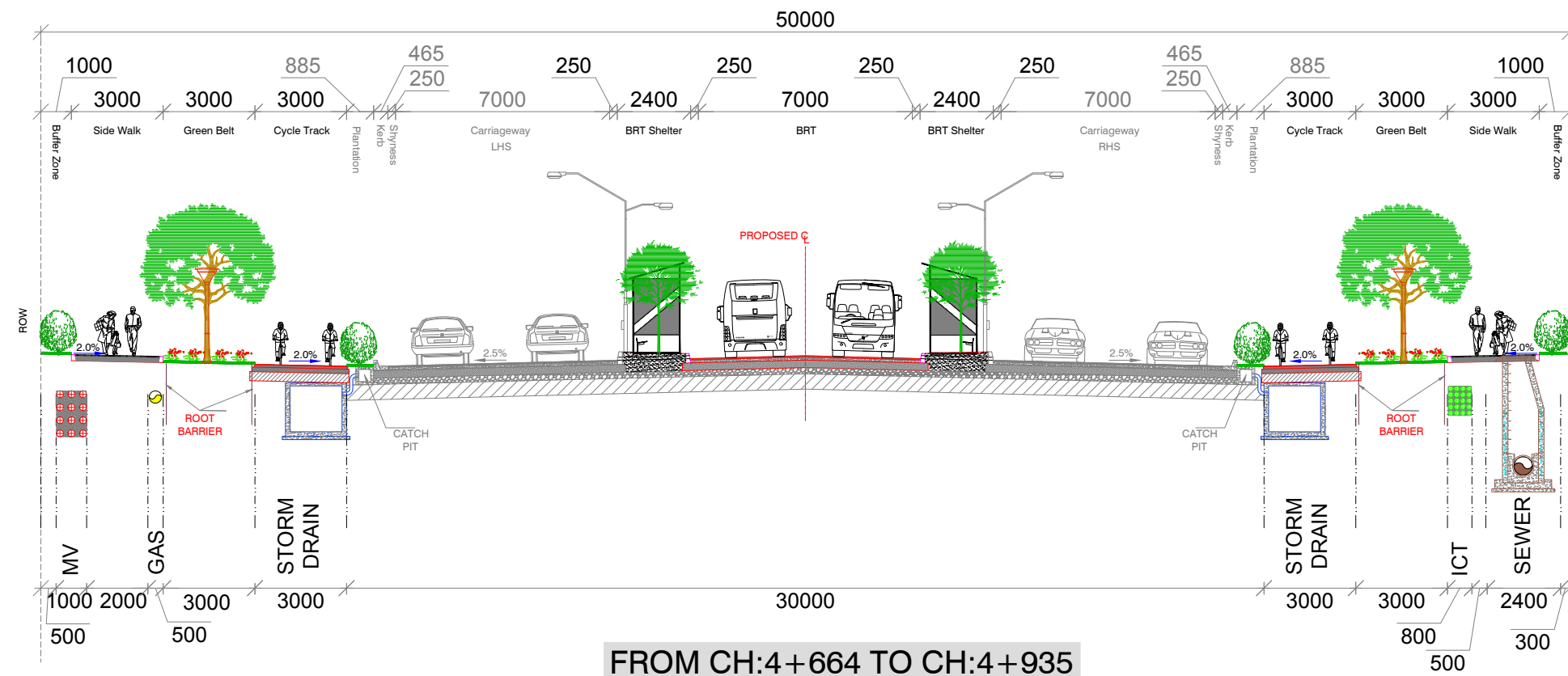
JV

Client

Andhra Pradesh
Amaravati Development
Corporation Ltd. (ADCL)

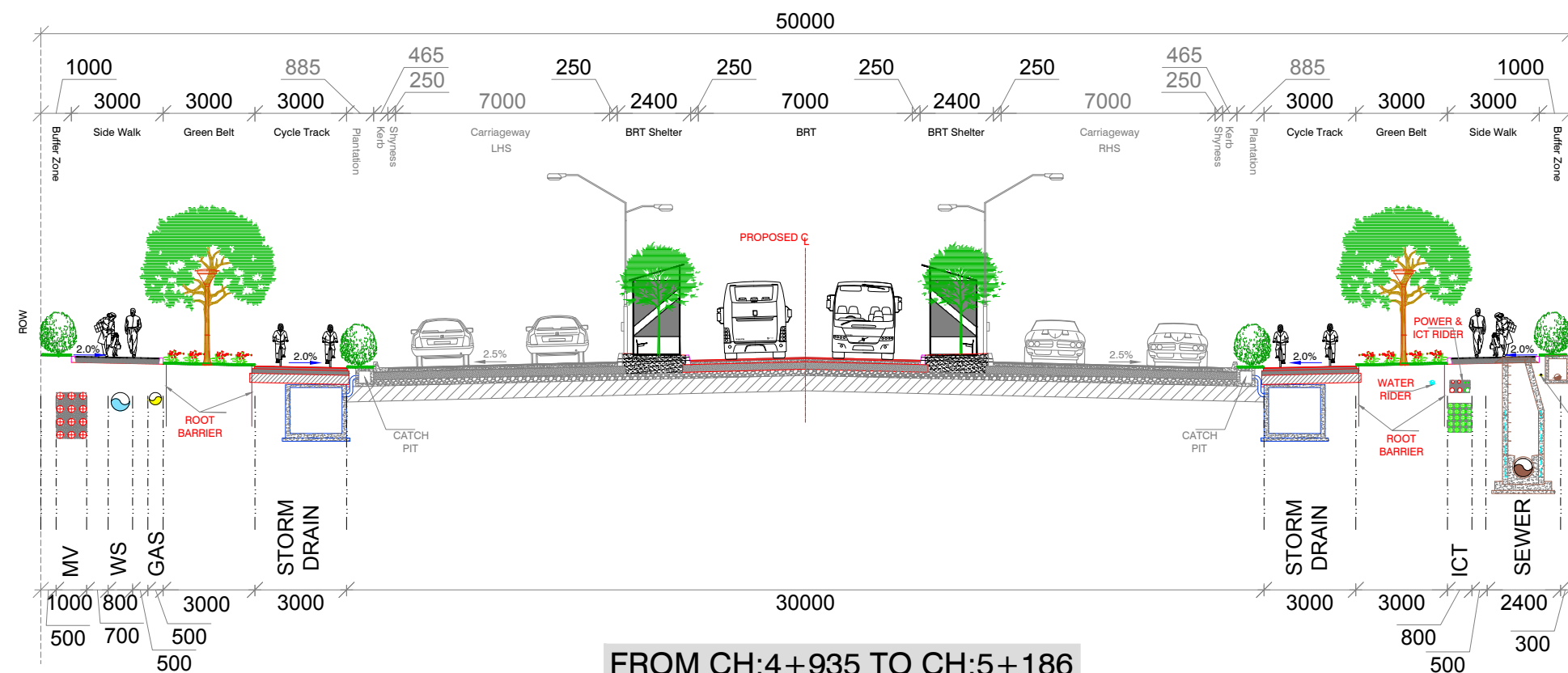
Drawn	BHARATH
Checked	RAMARAJU
Designed	VEERAJ
Approved	KSSVV PRASAD
Date	05.06.2017

Project	SMART INTEGRATED INFRASTRUCTURE MASTER PLAN AND DETAILED PROJECT REPORTS FOR PHASE-I INFRASTRUCTURE WORKS FOR/AT AMARAVATI CAPITAL CITY		
Drawing Title	TYPICAL CROSS SECTION OF E10 - ROAD WITH UTILITY ARRANGEMENT FOR AMARAVATI CAPITAL CITY		
Drawing No	AG-1957-DDR-AM-UT-TCS-E10-004 OF 008	(E10-ROAD)	Rev R2



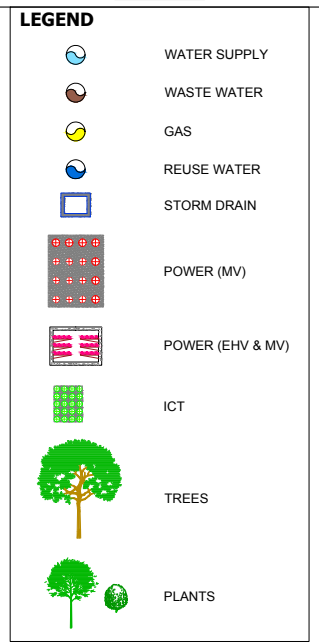
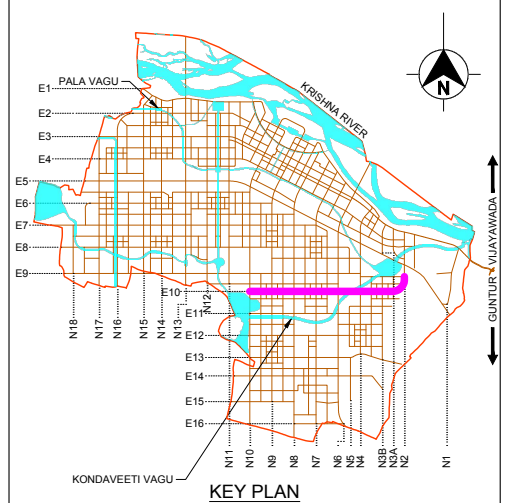
FROM CH:4+664 TO CH:4+935

TYPICAL CROSS SECTION OF 4 - LANE FOR SUB-ARTERIAL ROADS WITH BRT (50M)



FROM CH:4+935 TO CH:5+186

TYPICAL CROSS SECTION OF 4 - LANE FOR SUB-ARTERIAL ROADS WITH BRT (50M)

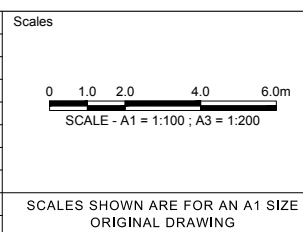


MINIMUM COVER UPTO CROWN OF PIPE	
ITEM	MINIMUM DEPTH
WATER SUPPLY	1.20 M
WASTE WATER	1.00 M
POWER (MV)	1.20 M
ICT	1.20 M
GAS	1.00 M
REUSE WATER	1.00 M

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FOR TENDER DRAWINGS

Rev	Description	By	Verified	Date
R2	ISSUED AFTER REMOVING ICT & POWER FROM MEDIAN	KVR	KSP	05.06.2017
R1	ISSUED AFTER REMOVING SWALES AND ADDING DRAINS	KVR	MKS	20.01.2017
R0	ISSUED FOR INITIAL SUBMISSION	KVR	LNB	21.09.2016



Consultants

aarvee associates
architects engineers & consultants pvt. ltd.

GIIC 贵州海上丝路国际投资有限公司
GUOZHONGHAI SILK ROAD INTERNATIONAL INVESTMENT CORPORATION

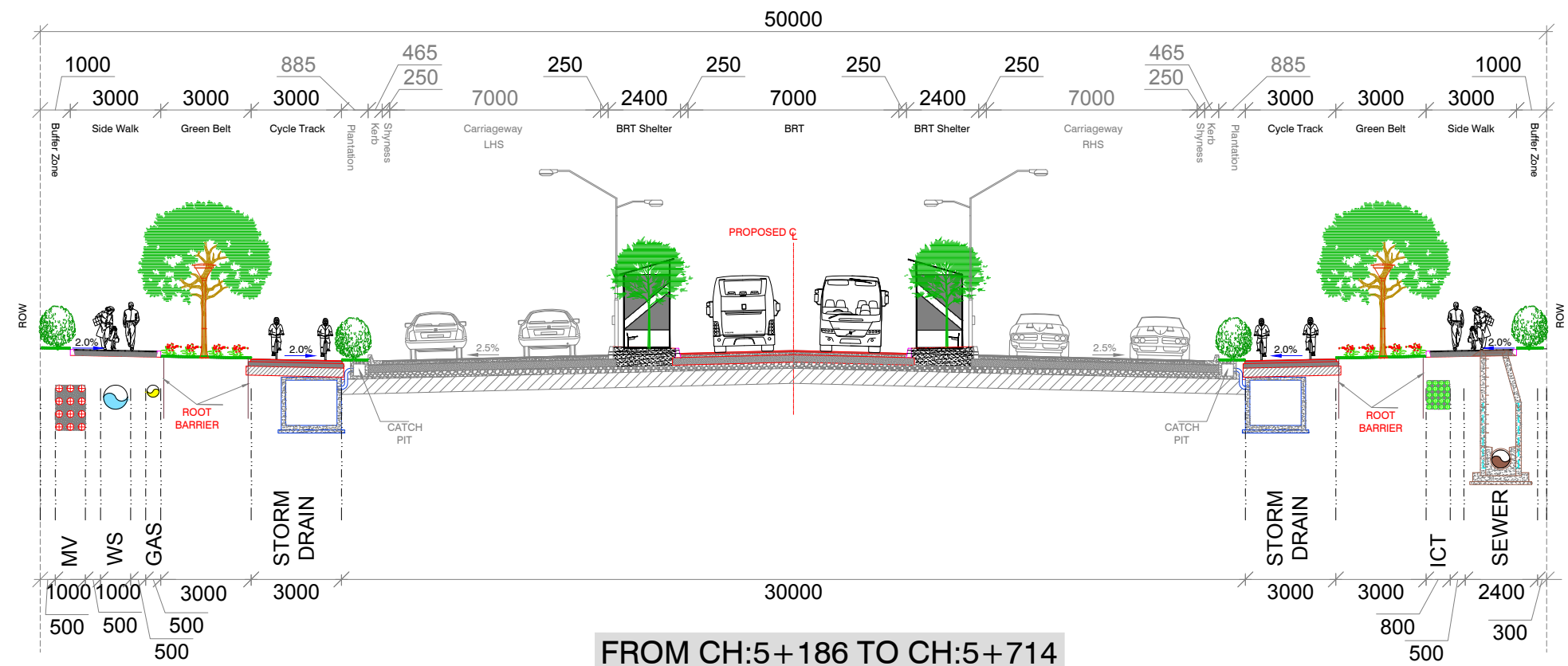
JV

Client

Andhra Pradesh
Amaravati Development Corporation Ltd. (ADCL)

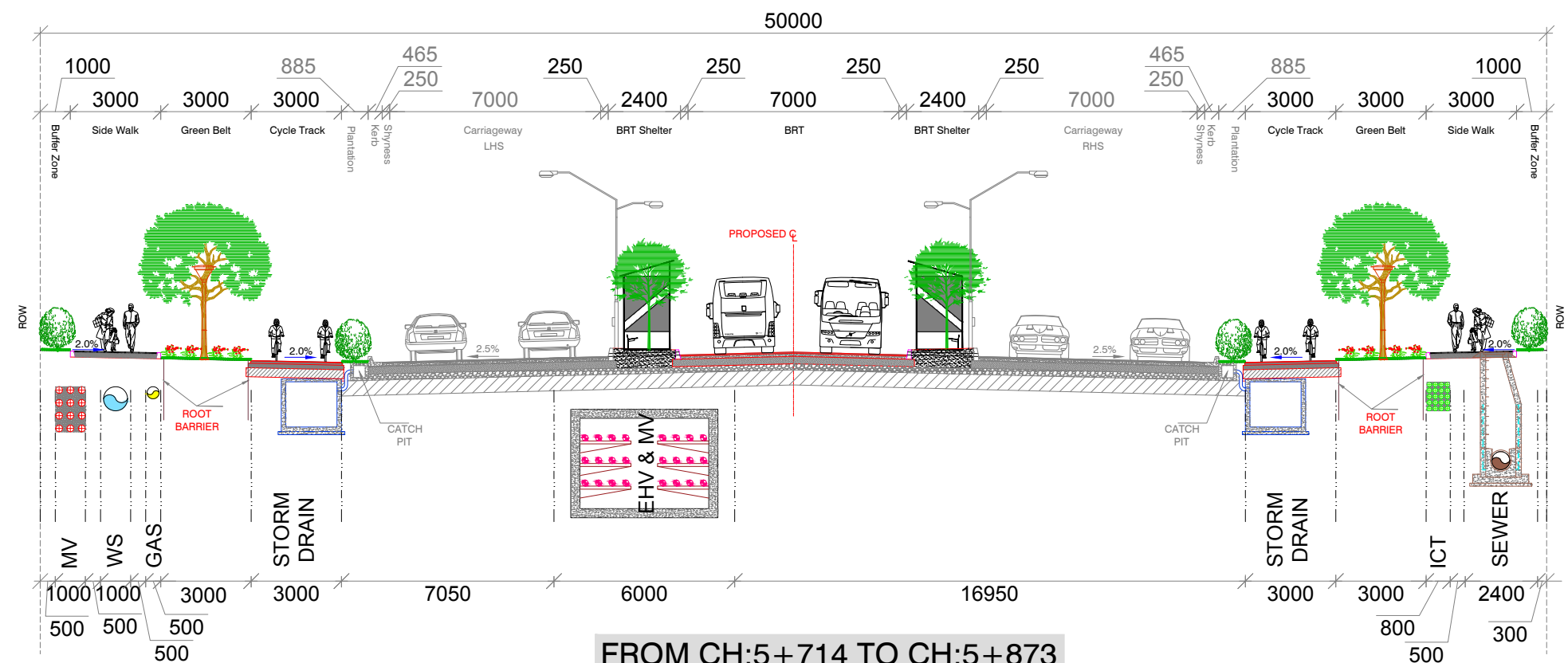
Drawn BHARATH
Checked RAMARAJU
Designed VEERAJ
Approved KSSVV PRASAD
Date 05.06.2017

Project	SMART INTEGRATED INFRASTRUCTURE MASTER PLAN AND DETAILED PROJECT REPORTS FOR PHASE-I INFRASTRUCTURE WORKS FOR/AT AMARAVATI CAPITAL CITY		
Drawing Title	TYPICAL CROSS SECTION OF E10 - ROAD WITH UTILITY ARRANGEMENT FOR AMARAVATI CAPITAL CITY		
Drawing No	AG-1957-DDR-AM-UT-TCS-E10-005 OF 008	(E10-ROAD)	Rev R2



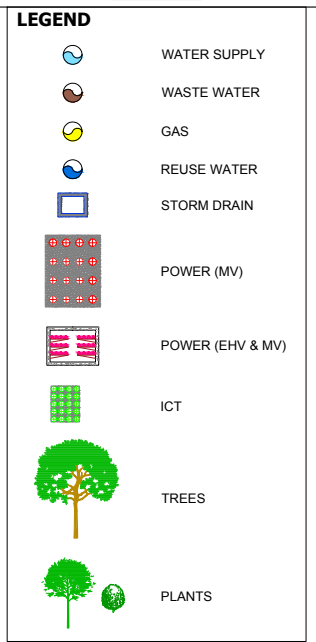
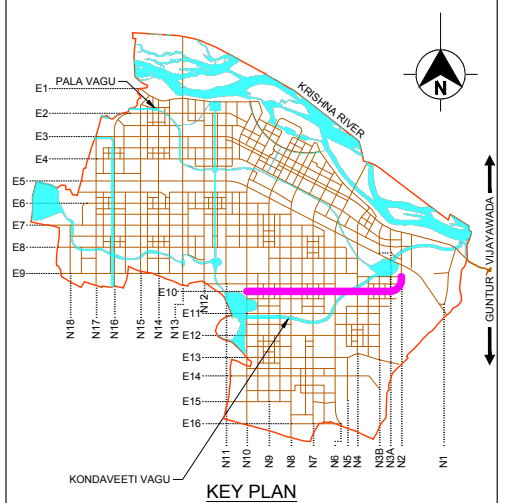
FROM CH:5+186 TO CH:5+714

TYPICAL CROSS SECTION OF 4 - LANE FOR SUB-ARTERIAL ROADS WITH BRT (50M)



FROM CH:5+714 TO CH:5+873

TYPICAL CROSS SECTION OF 4 - LANE FOR SUB-ARTERIAL ROADS WITH BRT (50M)

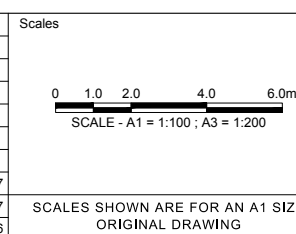


MINIMUM COVER UPTO CROWN OF PIPE	
ITEM	MINIMUM DEPTH
WATER SUPPLY	1.20 M
WASTE WATER	1.00 M
POWER (MV)	1.20 M
POWER (EHV)	2.00 M
ICT	1.20 M
GAS	1.00 M
REUSE WATER	1.00 M

- NOTE:-
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 - ROOT BARRIERS ARE CONSIDERED IN GREEN BELTS TO PROTECT UTILITIES.

FOR TENDER DRAWINGS

Rev	Description	By	Verified	Date
R2	ISSUED AFTER REMOVING ICT & POWER FROM MEDIAN	KVR	KSP	05.06.2017
R1	ISSUED AFTER REMOVING SWALES AND ADDING DRAINS	KVR	MKS	20.01.2017
R0	ISSUED FOR INITIAL SUBMISSION	KVR	LNB	21.09.2016



Consultants

aarvee associates
architects engineers & consultants pvt. ltd.

GIIC 贵州海上丝路国际投资有限公司
GUOZHONGSHANGHAI SILK ROAD INTERNATIONAL INVESTMENT CORPORATION

JV

Client

Andhra Pradesh
Amaravati Development Corporation Ltd. (ADCL)

Drawn
BHARATH

Checked
RAMARAJU

Designed
VEERAJ

Approved
KSSVV PRASAD

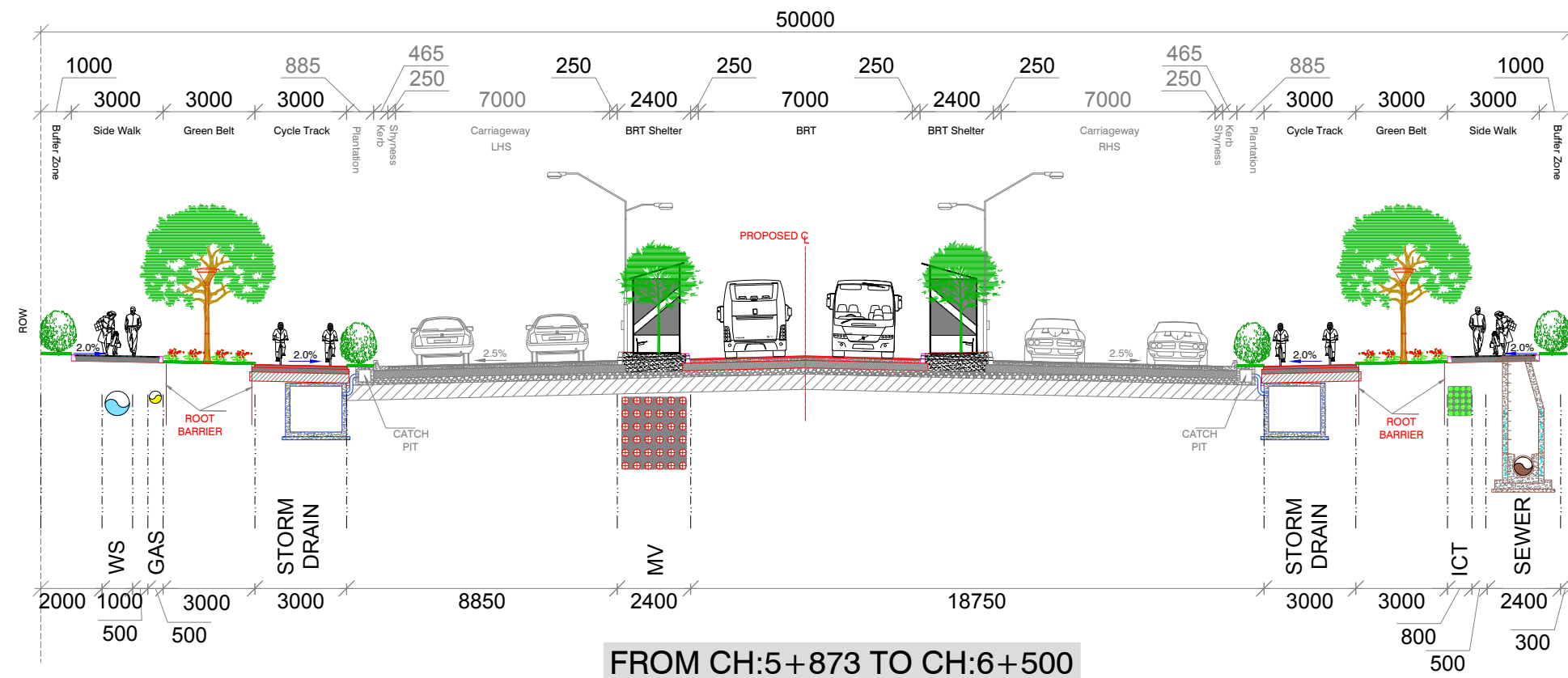
Date
05.06.2017

Project
SMART INTEGRATED INFRASTRUCTURE MASTER PLAN AND DETAILED PROJECT REPORTS FOR PHASE-I INFRASTRUCTURE WORKS FOR/AT AMARAVATI CAPITAL CITY

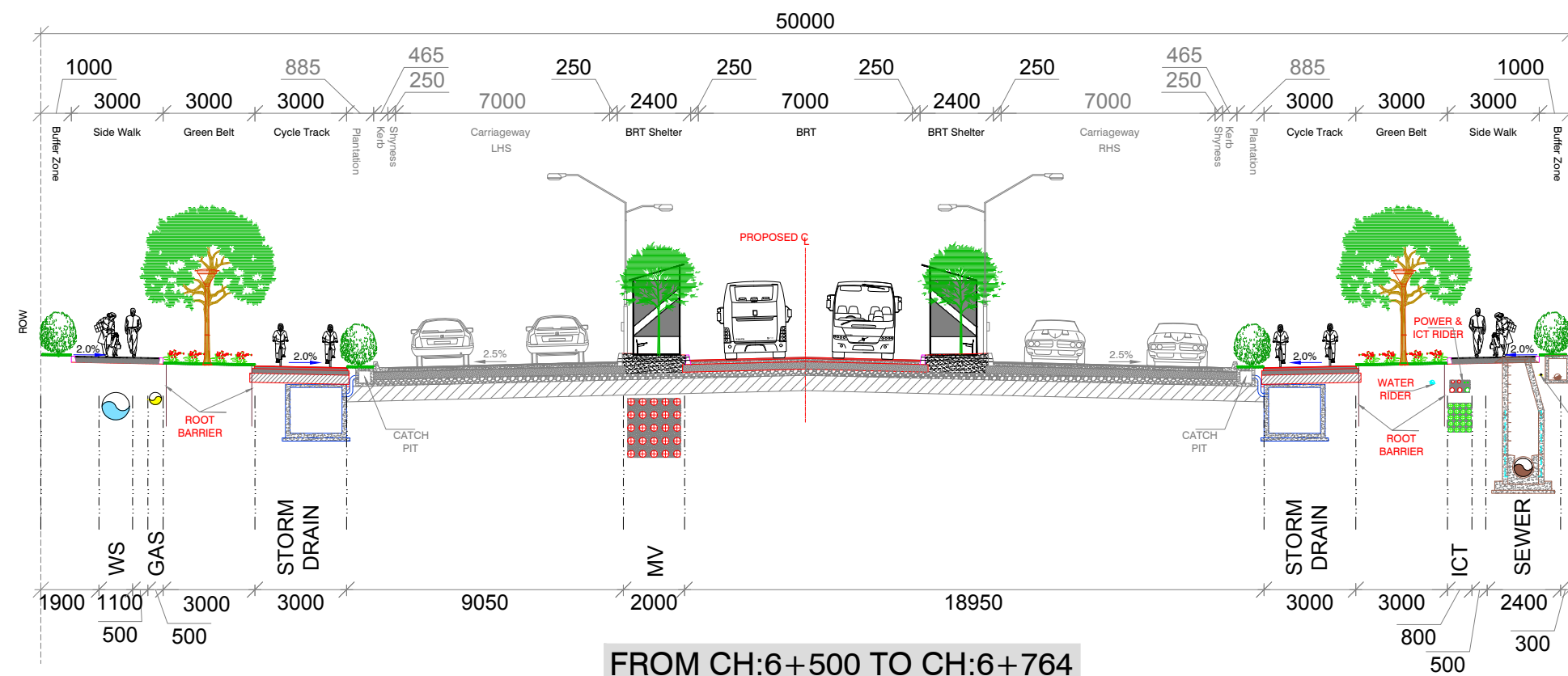
Drawing Title
TYPICAL CROSS SECTION OF E10 - ROAD WITH UTILITY ARRANGEMENT FOR AMARAVATI CAPITAL CITY

Drawing No
AG-1957-DDR-AM-UT-TCS-E10-006 OF 008 (E10-ROAD)

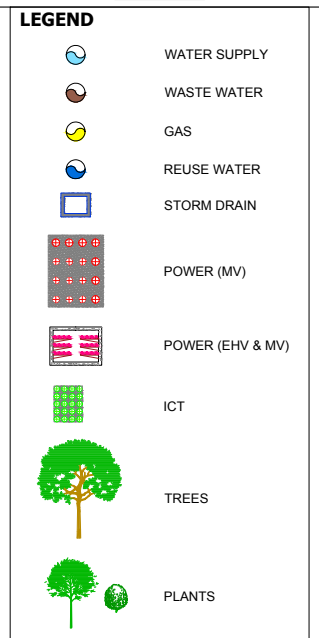
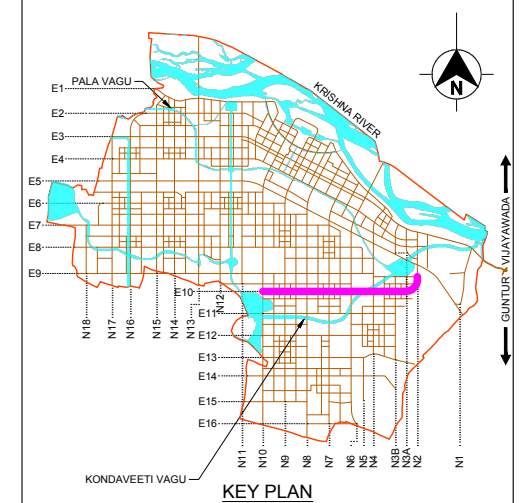
Rev
R2



TYPICAL CROSS SECTION OF 4 - LANE FOR SUB-ARTERIAL ROADS WITH BRT (50M)



TYPICAL CROSS SECTION OF 4 - LANE FOR SUB-ARTERIAL ROADS WITH BRT (50M)

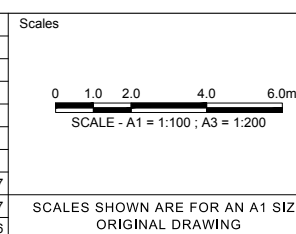


MINIMUM COVER UPTO CROWN OF PIPE	
ITEM	MINIMUM DEPTH
WATER SUPPLY	1.20 M
WASTE WATER	1.00 M
POWER (MV)	1.20 M
ICT	1.20 M
GAS	1.00 M
REUSE WATER	1.00 M

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FOR TENDER DRAWINGS

Rev	Description	By	Verified	Date
R2	ISSUED AFTER REMOVING ICT & POWER FROM MEDIAN	KVR	KSP	05.06.2017
R1	ISSUED AFTER REMOVING SWALES AND ADDING DRAINS	KVR	MKS	20.01.2017
R0	ISSUED FOR INITIAL SUBMISSION	KVR	LNB	21.09.2016



Consultants

aarvee associates
architects engineers & consultants pvt. ltd.

GIIC 贵州海上丝路国际投资有限公司
GUANGZHOU HAI SHANG LU SI GUO JI TU ZI TAO YOU XIAN GONG SI

Client

Andhra Pradesh
Amaravati Development
Corporation Ltd. (ADCL)

Drawn
BHARATH

Checked
RAMARAJU

Designed
VEERAJ

Approved
KSSVV PRASAD

Date
05.06.2017

Project

SMART INTEGRATED INFRASTRUCTURE MASTER PLAN
AND DETAILED PROJECT REPORTS FOR PHASE-I
INFRASTRUCTURE WORKS FOR/AT AMARAVATI CAPITAL CITY

Drawing Title

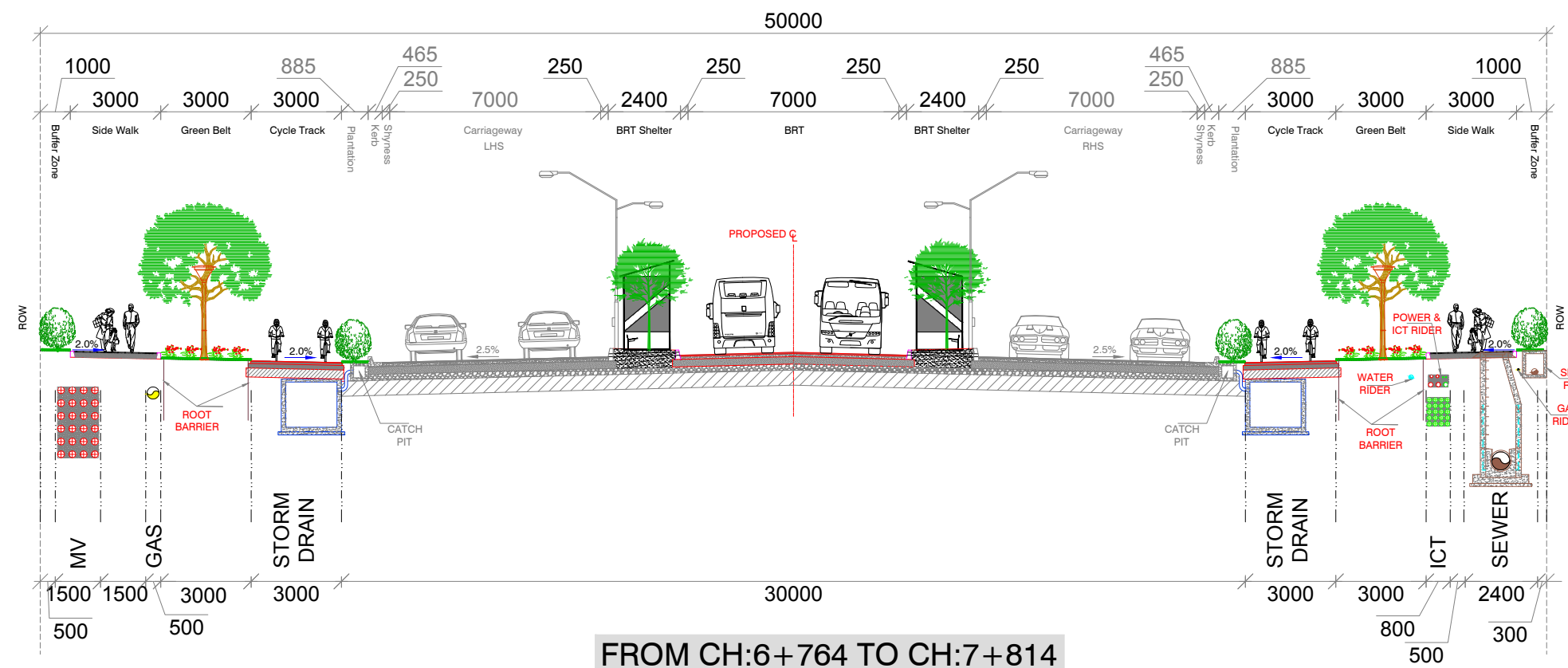
TYPICAL CROSS SECTION OF E10 - ROAD WITH UTILITY
ARRANGEMENT FOR AMARAVATI CAPITAL CITY

Drawing No

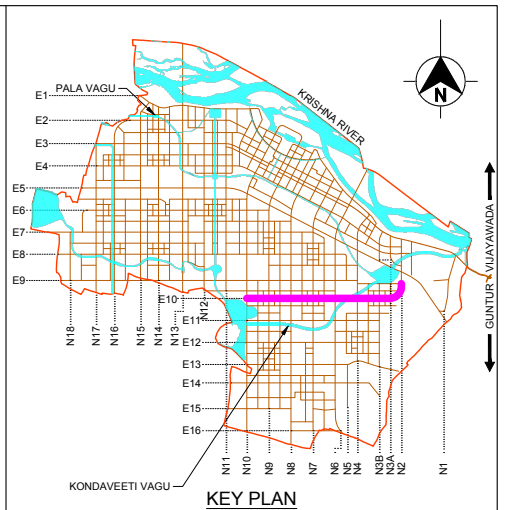
AG-1957-DDR-AM-UT-TCS-E10-007 OF 008 (E10-ROAD)

Rev

R2



TYPICAL CROSS SECTION OF 4 - LANE FOR SUB-ARTERIAL ROADS WITH BRT (50M)



LEGEND	
	WATER SUPPLY
	WASTE WATER
	GAS
	REUSE WATER
	STORM DRAIN
	POWER (MV)
	POWER (EHV & MV)
	ICT
	TREES
	PLANTS

MINIMUM COVER UPTO CROWN OF PIPE	
ITEM	MINIMUM DEPTH
WATER SUPPLY	1.20 M
WASTE WATER	1.00 M
POWER (MV)	1.20 M
ICT	1.20 M
GAS	1.00 M
REUSE WATER	1.00 M

- NOTE:-
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 - SIZE OF UTILITIES SHOWN ARE REPRESENTATIVE AND ACTUAL SIZES WILL VARY AT DIFFERENT LOCATIONS AS PER DETAILED DESIGNS.
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FOR TENDER DRAWINGS

Rev	Description	By	Verified	Date
R2	ISSUED AFTER REMOVING ICT & POWER FROM MEDIAN	KVR	KSP	05.06.2017
R1	ISSUED AFTER REMOVING SWALES AND ADDING DRAINS	KVR	MKS	20.01.2017
R0	ISSUED FOR INITIAL SUBMISSION	KVR	LNB	21.09.2016

Scales	
	SCALE - A1 = 1:100 ; A3 = 1:200
SCALES SHOWN ARE FOR AN A1 SIZE ORIGINAL DRAWING	

Consultants	
	aarvee associates architects engineers & consultants pvt. ltd.
	GIC 贵州海上丝路国际投资有限公司 GUICHOUHAISEILUJIAOYI INVESTMENT CORPORATION
	JV

Client	
	Andhra Pradesh Amaravati Development Corporation Ltd. (ADCL)

Drawn	
BHARATH	Checked
RAMARAJU	Designed
VEERAJ	Approved
PRASAD	Date
05.06.2017	

Project	
SMART INTEGRATED INFRASTRUCTURE MASTER PLAN AND DETAILED PROJECT REPORTS FOR PHASE-I INFRASTRUCTURE WORKS FOR/AT AMARAVATI CAPITAL CITY	
Drawing Title	
TYPICAL CROSS SECTION OF E10 - ROAD WITH UTILITY ARRANGEMENT FOR AMARAVATI CAPITAL CITY	
Drawing No	
AG-1957-DDR-AM-UT-TCS-E10-008 OF 008 (E10-ROAD)	
Rev	
R2	