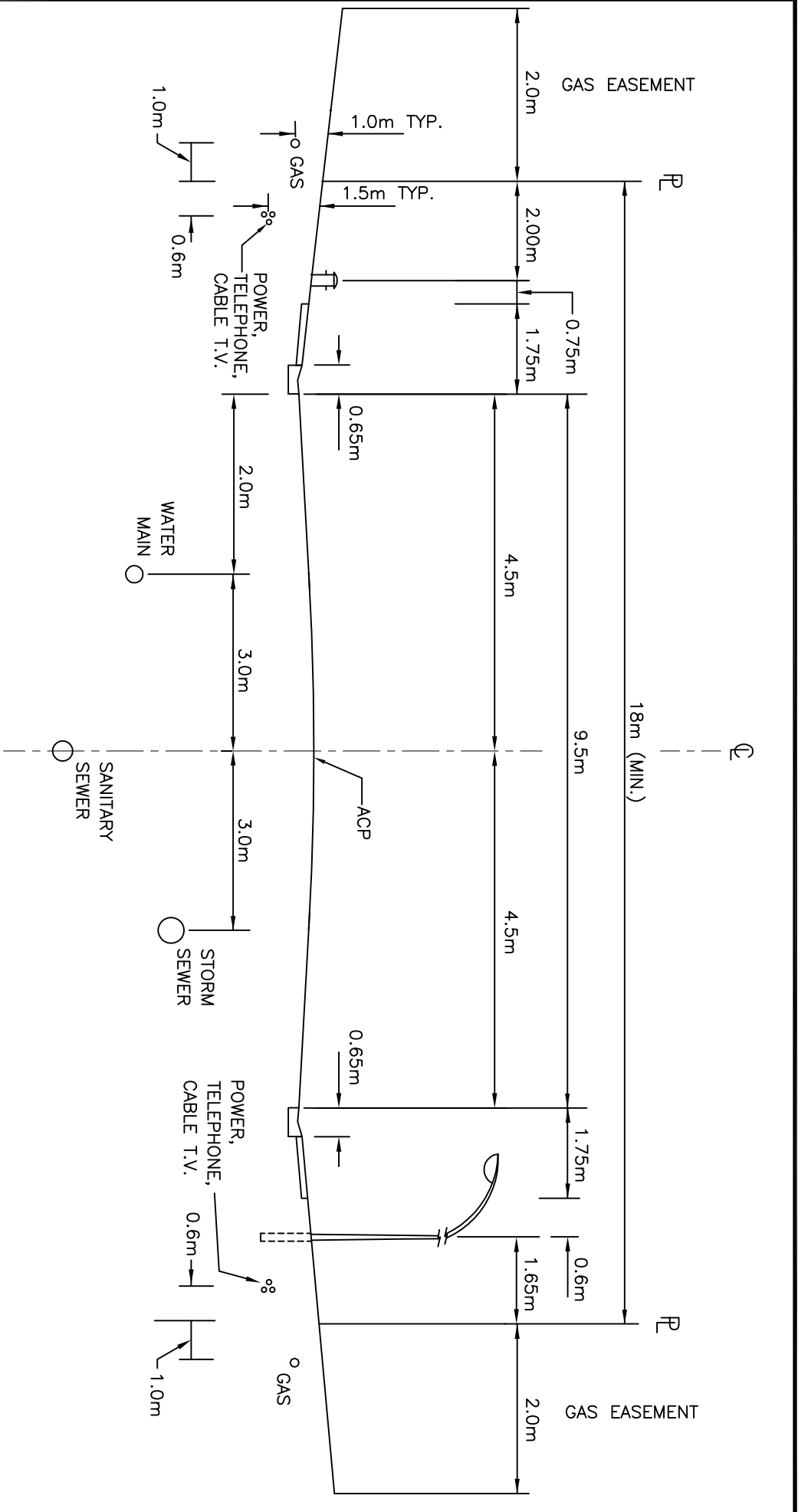
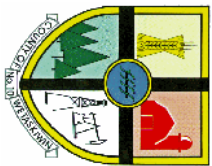




SECTION
N.T.S.

NOTE:
1. IF NO GAS EASEMENT, CURB
STOP TO BE INSTALLED 0.15m
INSIDE ROAD RIGHT OF WAY.



TITLE:

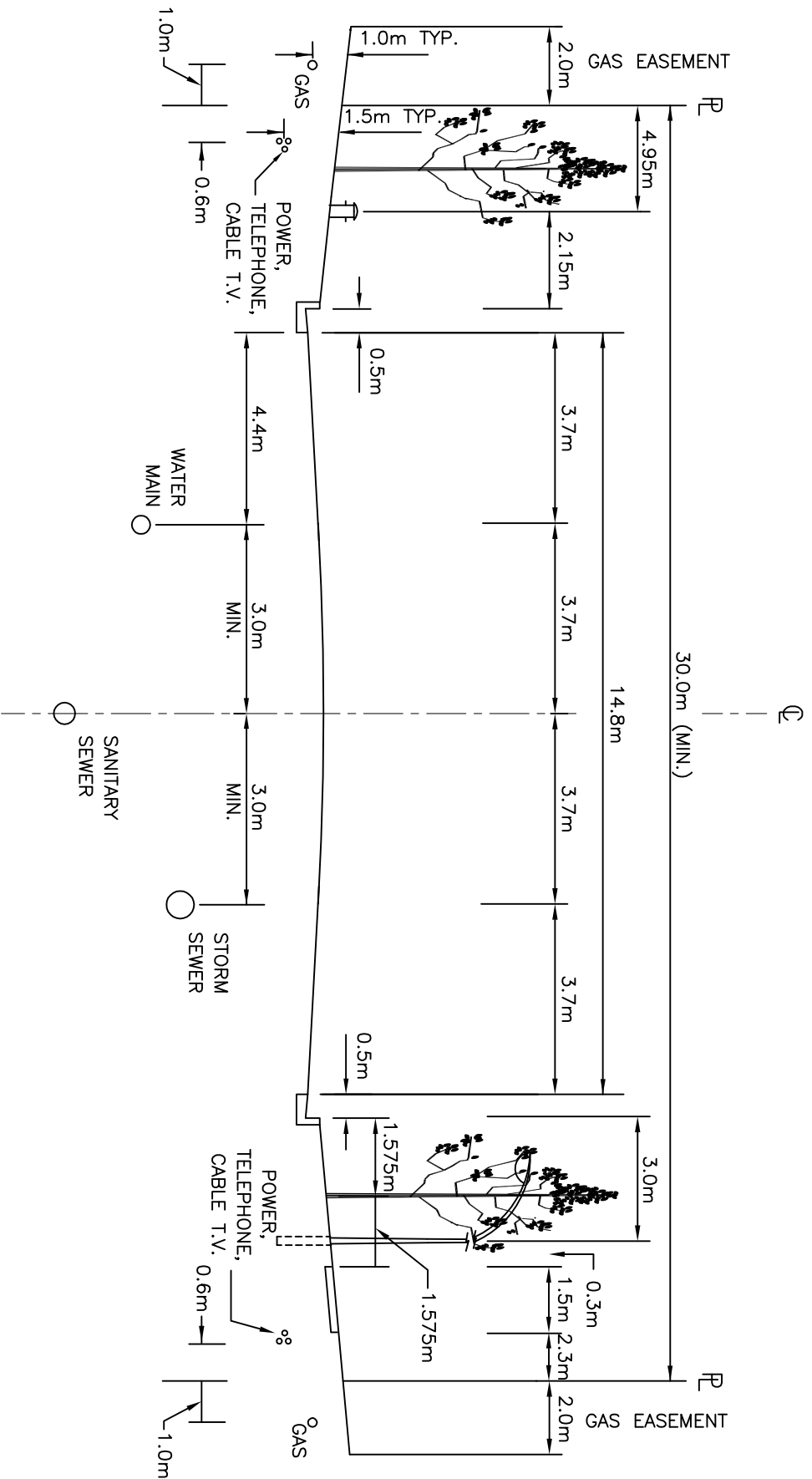
LOCAL RESIDENTIAL
(URBAN)

STANDARD DETAILS

SCALE: N.T.S.

DATE: SEPTEMBER 2010

STD. DWG NO. 9-100



SECTION
N.T.S

NOTES:

1. SIDEWALK MAY BE EITHER SEPEATE OR MONOLITHIC AS REQUIRED BY COUNTY.
2. IF NO GAS EASEMENT, CURB STOP TO BE INSTALLED 0.15m INSIDE ROAD RIGHT OF WAY.



TITLE:

UNDIVIDED ARTERIAL
(URBAN)

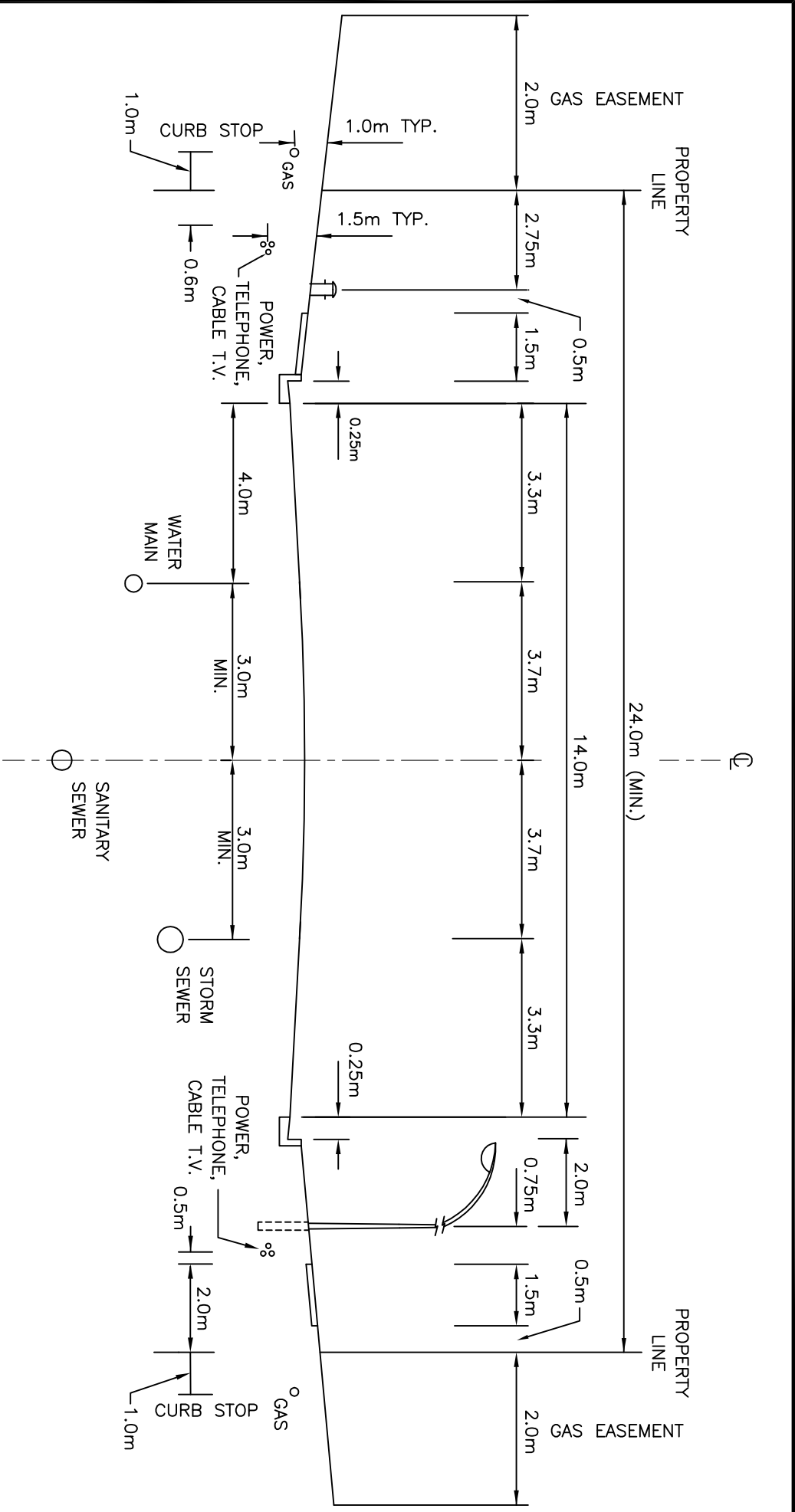
STANDARD DETAILS

SCALE: N.T.S.

DATE: SEPTEMBER 2010

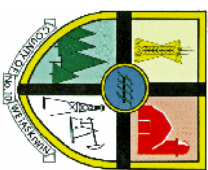
STD. DWG NO.

9-102



NOTES:

1. SIDEWALK MAY BE EITHER SEPERATE OR MONOLITHIC AS REQUIRED BY COUNTY.
2. IF NO GAS EASEMENT, CURB STOP TO BE INSTALLED 0.15m INSIDE ROAD RIGHT OF WAY.



TITLE:

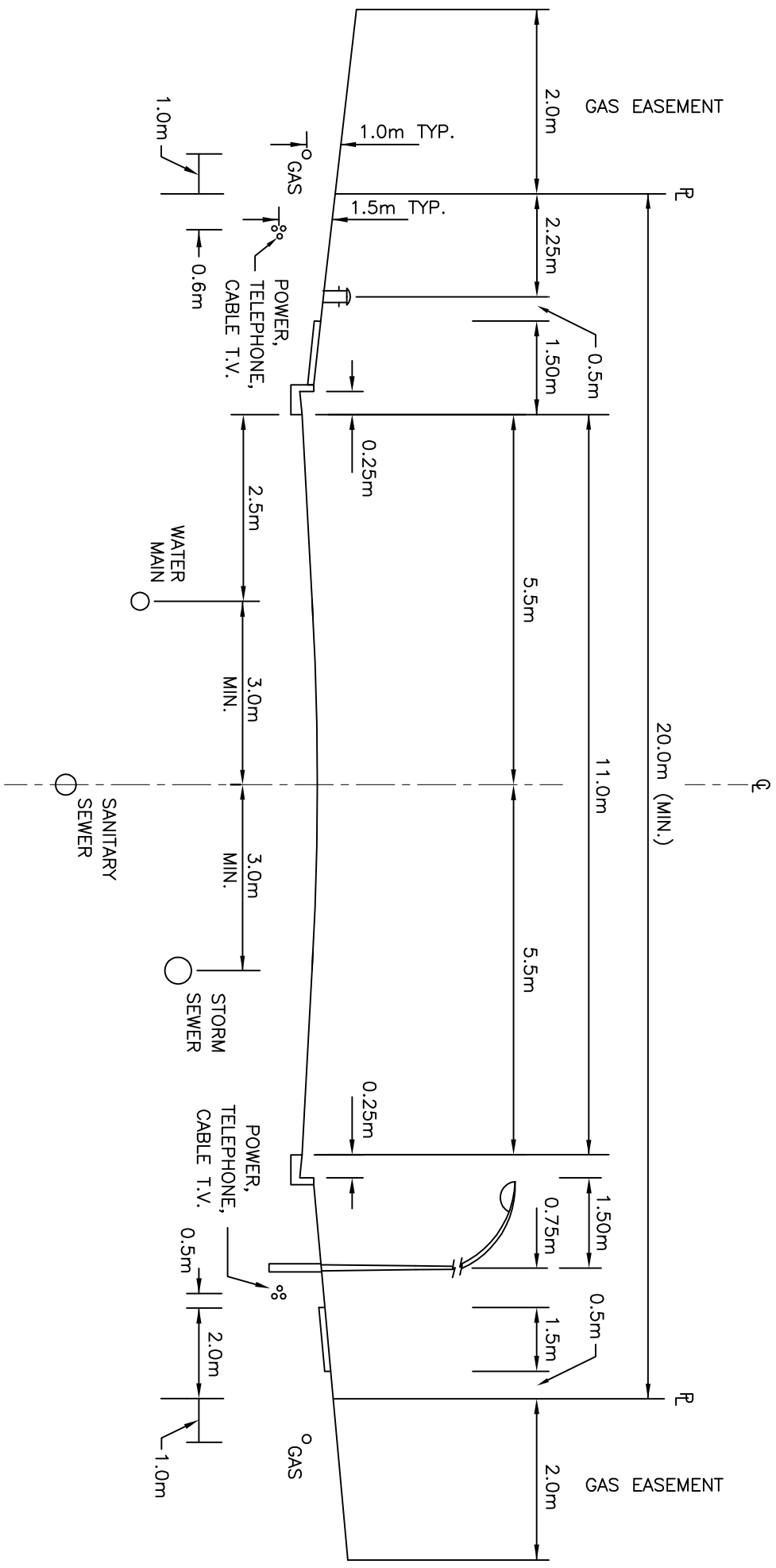
MAJOR RESIDENTIAL COLLECTOR
(URBAN)

STANDARD DETAILS

SCALE: N.T.S.

DATE: SEPTEMBER 2010

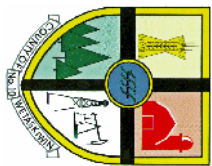
STD. DWG NO. 9-103



SECTION
N.T.S

NOTES:

1. SIDEWALK MAY BE EITHER SEPERATE OR MONOLITHIC AS REQUIRED BY COUNTY.
2. IF NO GAS EASEMENT, CURB STOP TO BE INSTALLED 0.15m INSIDE ROAD RIGHT-OF-WAY.



TITLE:

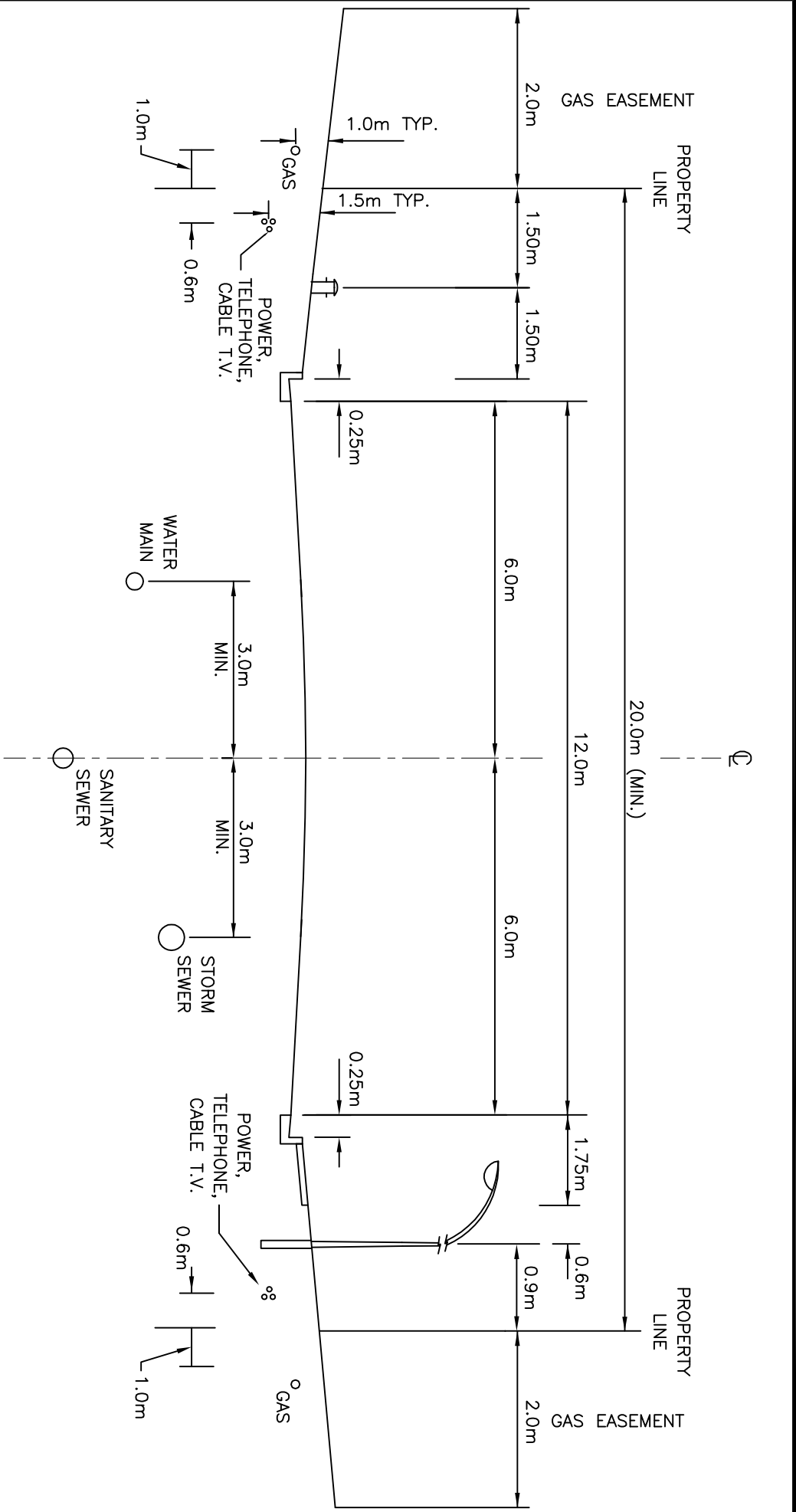
MINOR RESIDENTIAL COLLECTOR
(URBAN)

STANDARD DETAILS

SCALE: N.T.S.

DATE: SEPTEMBER 2010

STD. DWG NO. 9-104



NOTES:

1. SIDEWALK MAY BE EITHER SEPERATE OR MONOLITHIC AS REQUIRED BY COUNTY.
2. IF NO GAS EASEMENT, CURB STOP TO BE INSTALLED 0.15m INSIDE ROAD RIGHT-OF-WAY.

SECTION
N.T.S

TITLE:

LOCAL INDUSTRIAL
(URBAN)

STANDARD DETAILS

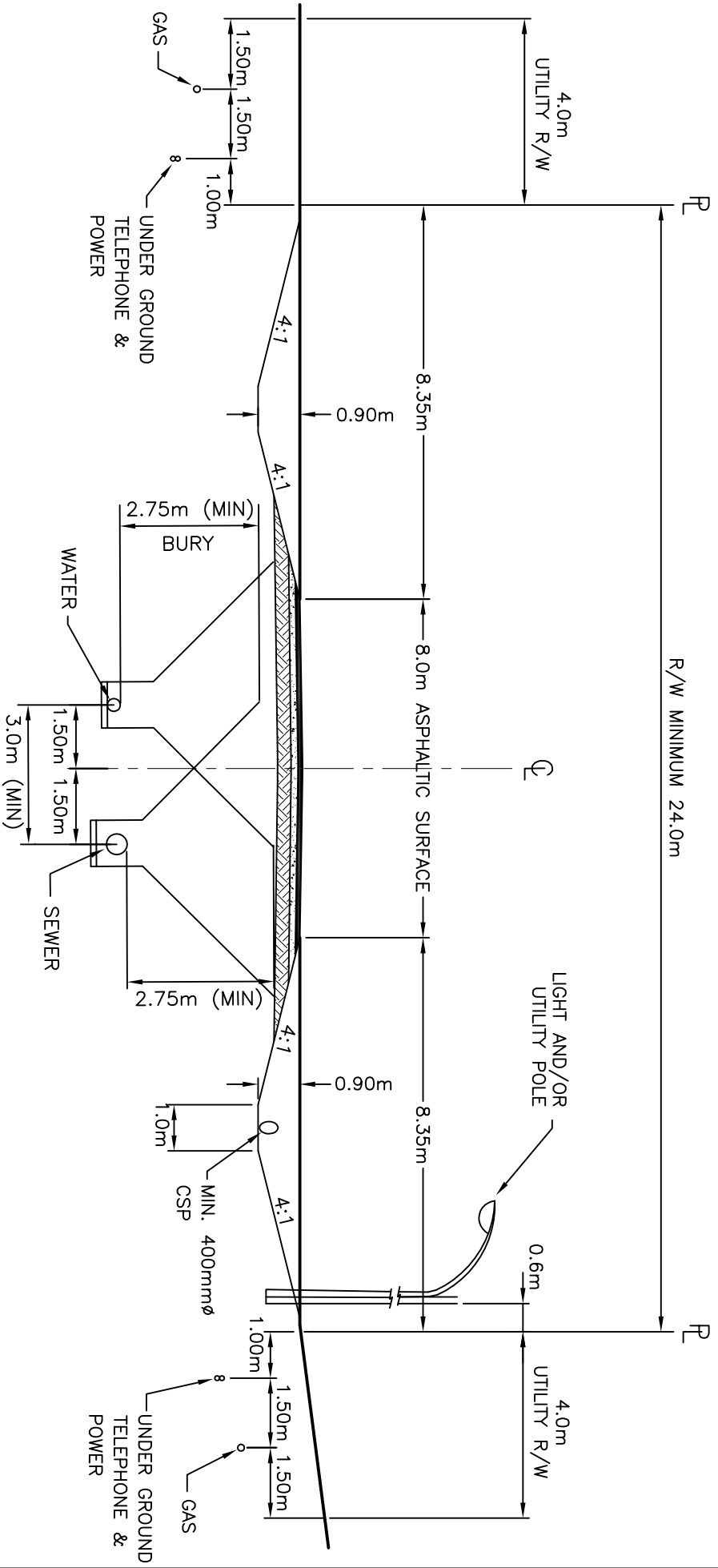
SCALE: N.T.S.

DATE: SEPTEMBER 2010

STD. DWG NO.

9-105





TITLE:

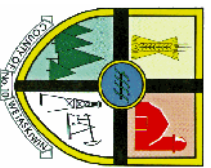
RURAL RESIDENTIAL-24.0m R/W

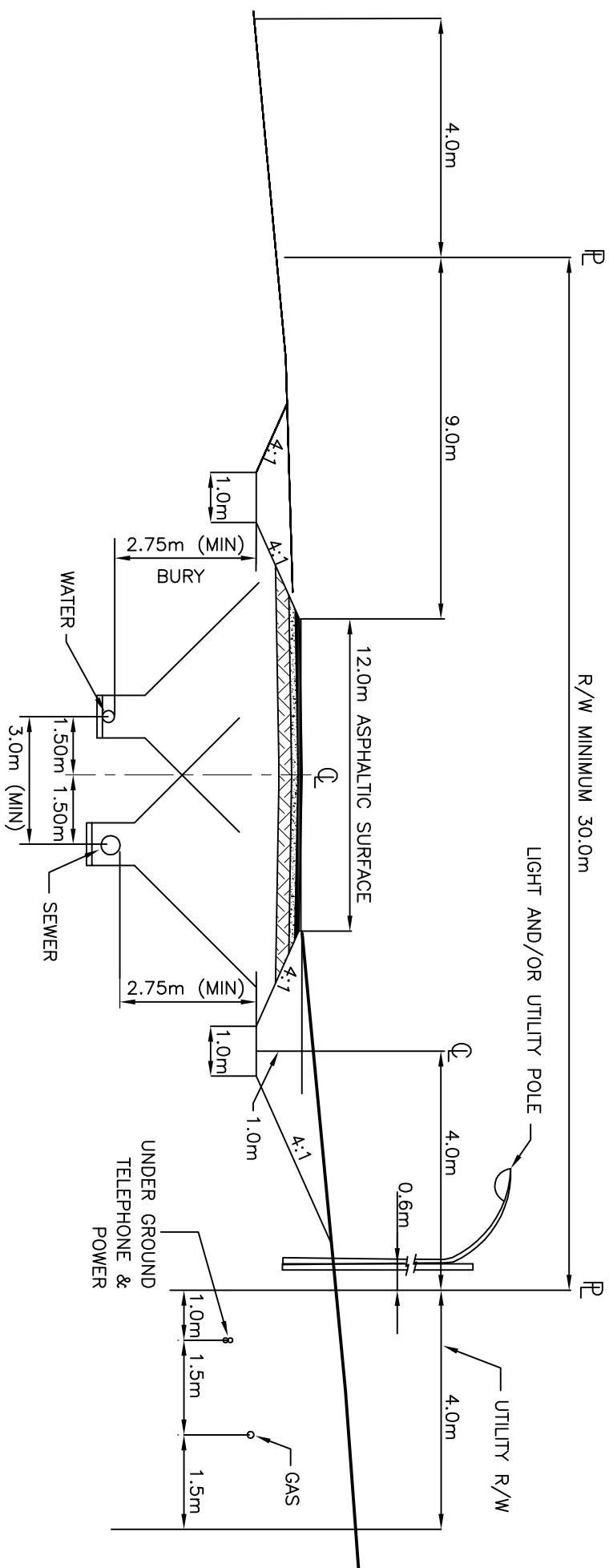
STANDARD DETAILS

SCALE: N.T.S.

DATE: SEPTEMBER 2010

STD. DWG NO.	9-107
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TITLE:

RURAL INDUSTRIAL—30.0m R/W

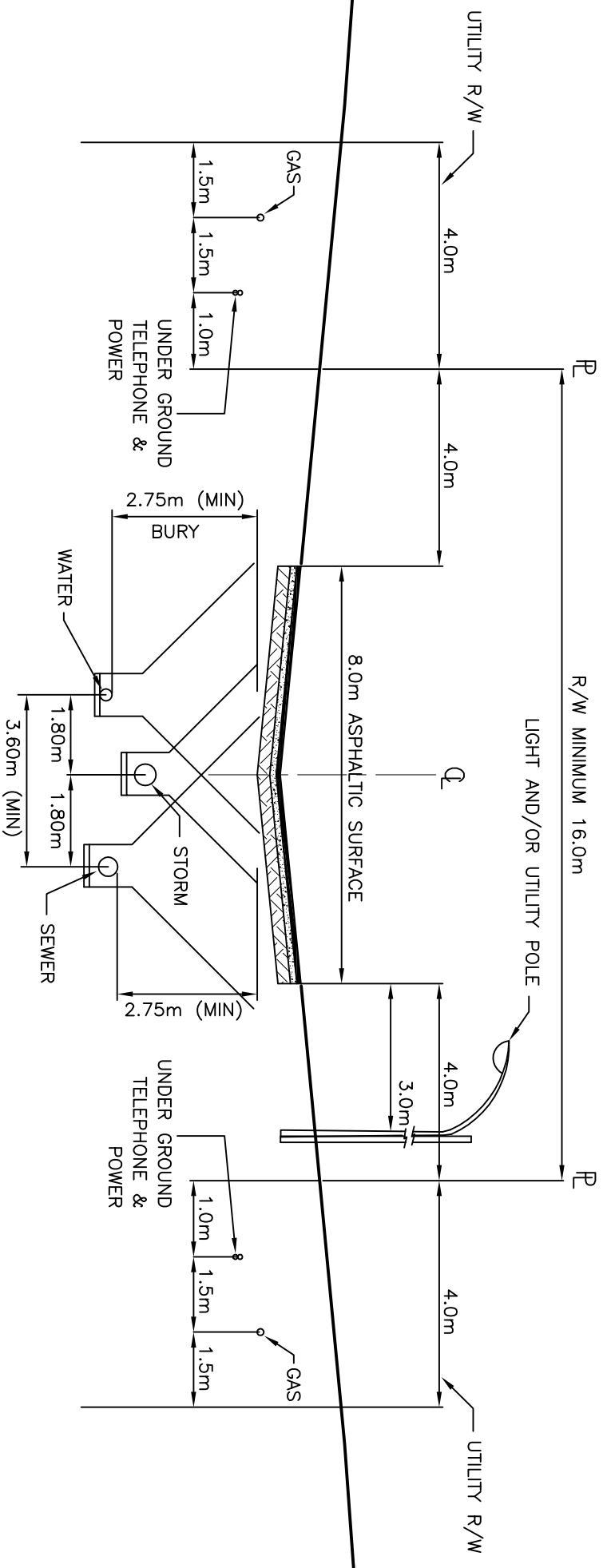
STANDARD DETAILS

SCALE: N.T.S.

DATE: SEPTEMBER 2010

STD. DWG NO. 9-108





TITLE:

RV RESORT CROSS SECTION

STANDARD DETAILS

SCALE: N.T.S.

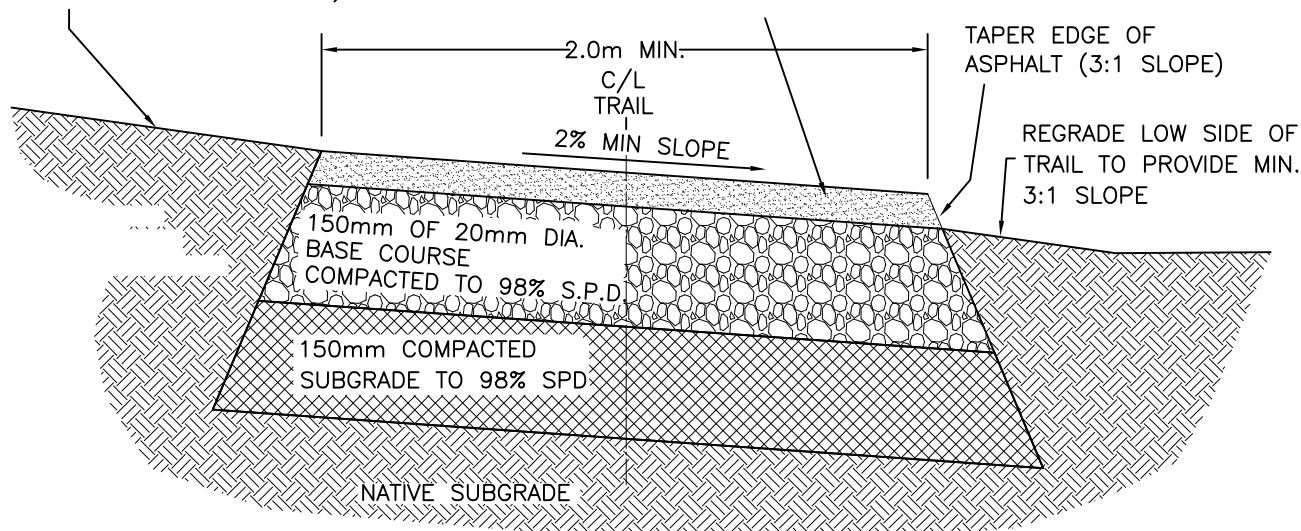
DATE: SEPTEMBER 2010

STD. DWG NO.	9-110
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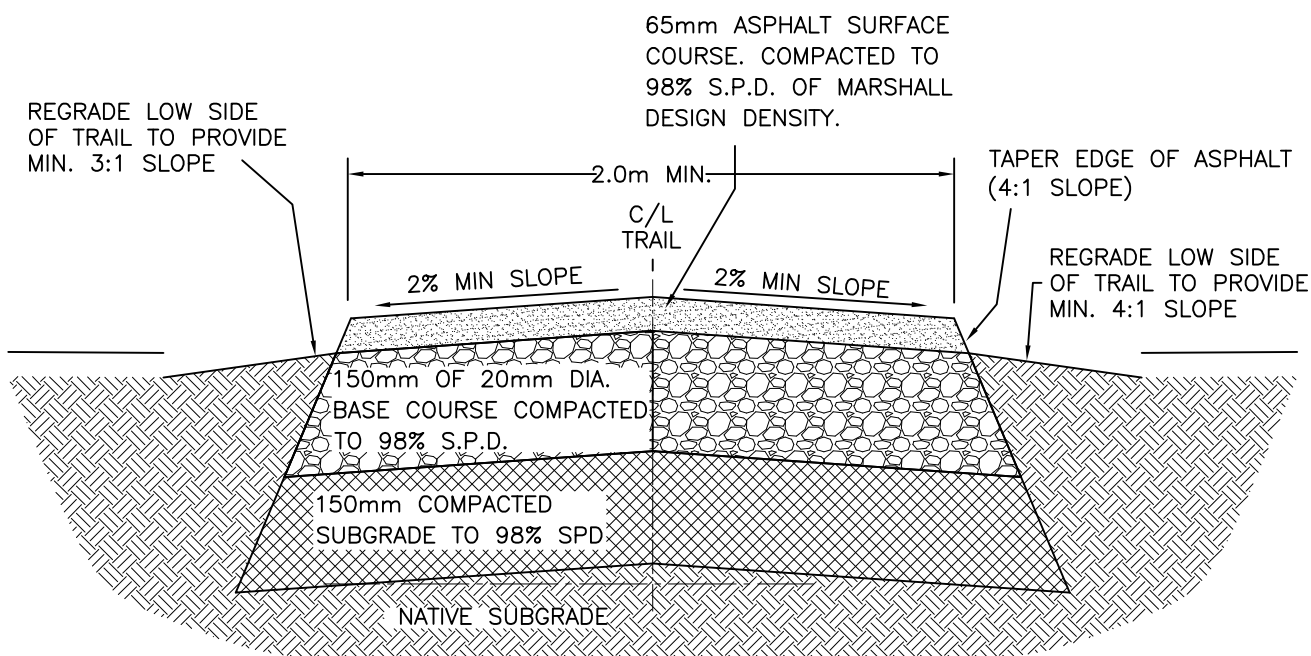
R:\MUNI\PROJECTS\2009\4009002 Cnty. Wetaskiwin General\Design Guidelines\Revised Drawings\September Drawings\9-111.dwg - 9-111 - Sep. 27, 2010 8:27am - scott.massey

REGRADE HIGH SIDE OF TRAIL
TO PROVIDE MIN. 3:1 SLOPE
(GRADE TO MATCH TOP OF
ASPHALT TO ENSURE DRAINAGE)

65mm ASPHALT SURFACE
COURSE. COMPACTED TO
98% S.P.D. OF MARSHALL
DESIGN DENSITY.



TYPICAL TRAIL SECTION – CROSSFALL
NTS



NOTES:

TYPICAL TRAIL SECTION – CROWN
NTS

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. MAKE ALL JOINTS WITH EXISTING VEGETATION SMOOTH AND CONTINUOUS, WHERE NECESSARY TRIM BACK ROOTS AND CLEAR DEBRIS
3. WHERE COUNTY OF WETASKIWIN CHOOSES TO DELETE ASPHALT, INCREASE GRAVEL THICKNESS ACCORDINGLY. MAINTAIN GRADE AS SHOWN.
4. SUBSTITUTE ALTERNATE SURFACE WITH COUNTY PERMISSION.
5. TRAIL WIDTH TO BE CONFIRMED WITH COUNTY.



TITLE:

TYPICAL TRAIL
CROSS-SECTIONS

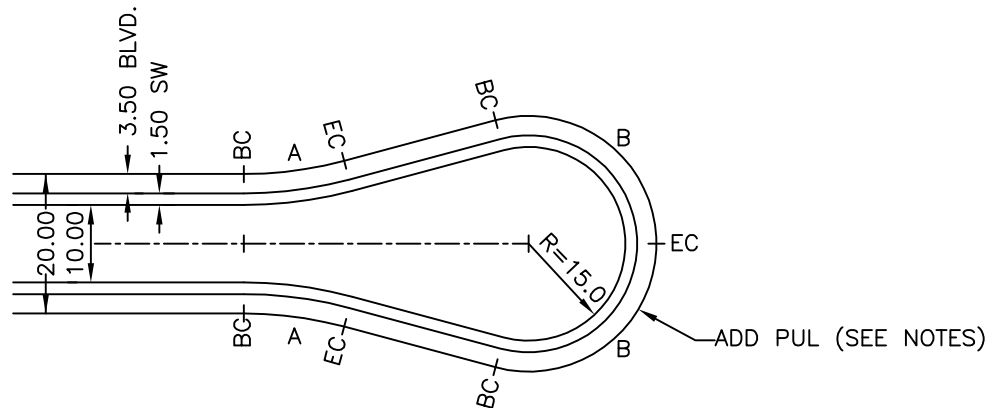
STANDARD DETAILS

SCALE: N.T.S.

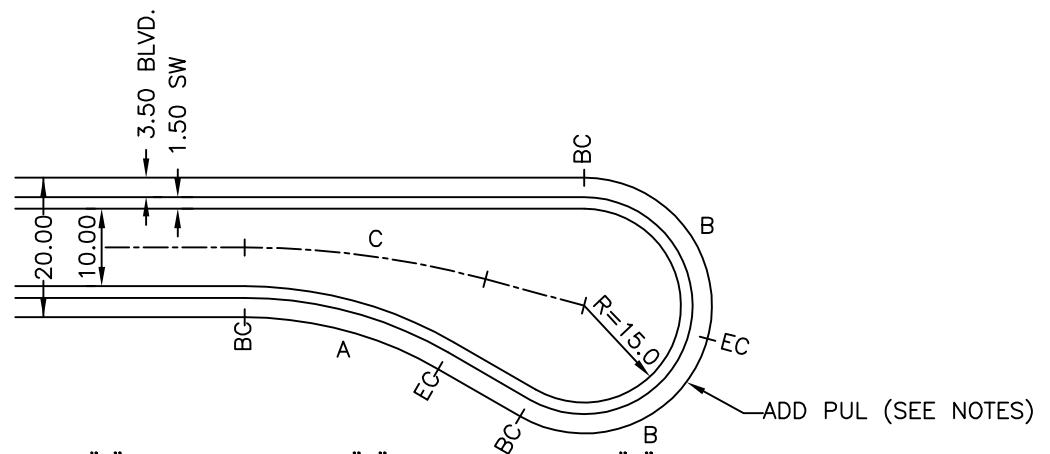
DATE: SEPTEMBER 2010

STD. DWG NO.

9-111



CURVE "A"	CURVE "B"
$\Delta = 15'00'00''$	$\Delta = 105'00'00''$
$R = 50.00$	$R = 20.0$
ARC = 13.09	ARC = 32.99
TAN = 6.58	TAN = 23.46
(at property line)	(at property line)



CURVE "A"	CURVE "B"	CURVE "C"
$\Delta = 30'00'00''$	$\Delta = 105'00'00''$	$\Delta = 15'00'00''$
$R = 50.00$	$R = 20.0$	$R = 122.11$
ARC = 26.18	ARC = 32.99	ARC = 31.97
TAN = 13.40	TAN = 23.46	TAN = 16.08
(at property line)	(at property line)	

NOTES:

1. A PUL WITH A WIDTH NO LESS THAN 6.0m MUST BE ADDED TO ALLOW FOR SNOW MOVEMENT AND STORAGE.
2. THE CURB AND GUTTER MUST BE DEPRESSED AT THE PUL TO ALLOW FOR SNOW MOVEMENT.



TITLE:

URBAN RESIDENTIAL
CUL - DE - SAC

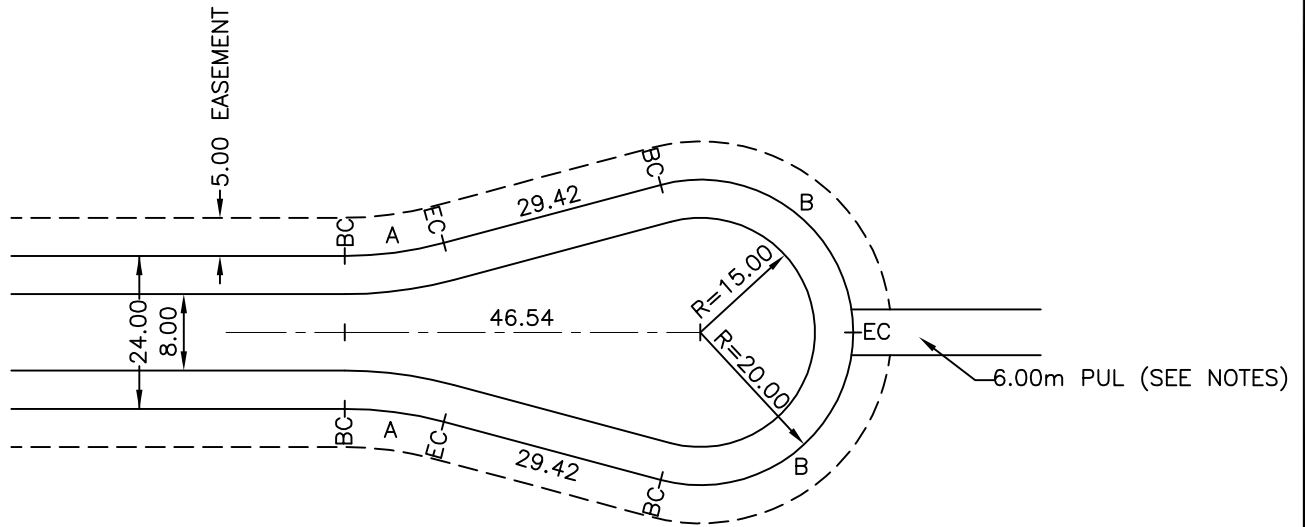
STANDARD DETAILS

SCALE: N.T.S.

DATE: SEPTEMBER 2010

STD. DWG NO.

9-112



CURVE "A"	CURVE "B"
$\Delta = 15^{\circ}00'00''$	$\Delta = 105^{\circ}00'00''$
$R = 50.00$	$R = 20.00$
ARC = 13.09	ARC = 36.65
TAN = 6.58	TAN = 26.06
(at property line)	(at property line)

NOTE:

- A PUL WITH A WIDTH NO LESS THAN 6.0m MUST BE PROVIDED TO ALLOW FOR STORM DRAINAGE AND SNOW MOVEMENT AND STORAGE IF THE CUL-DE-SAC CAN NOT BE GRADED TO DRAIN TOWARDS THE INTERSECTION.



TITLE:

RURAL RESIDENTIAL
CUL - DE - SAC

STANDARD DETAILS

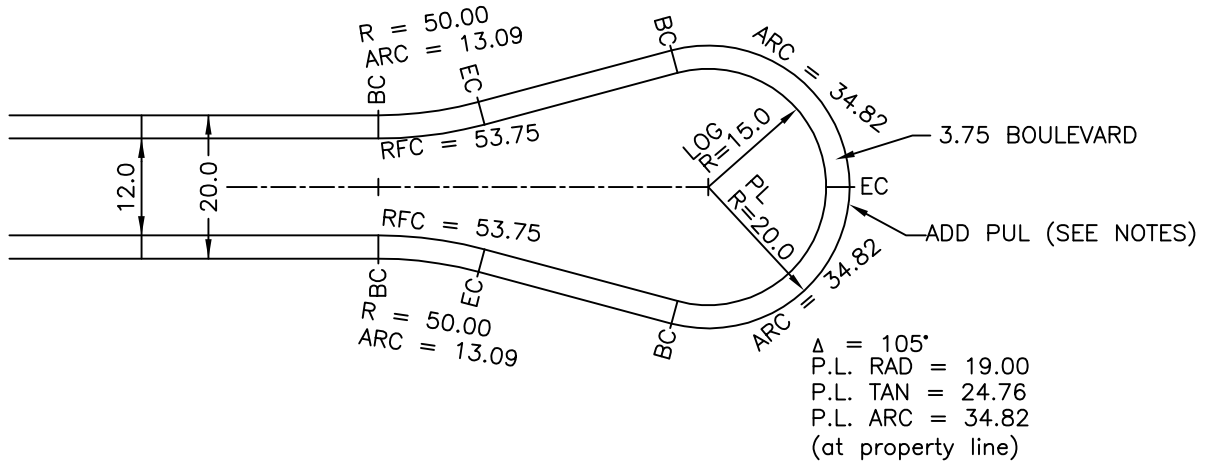
SCALE: N.T.S.

DATE: SEPTEMBER 2010

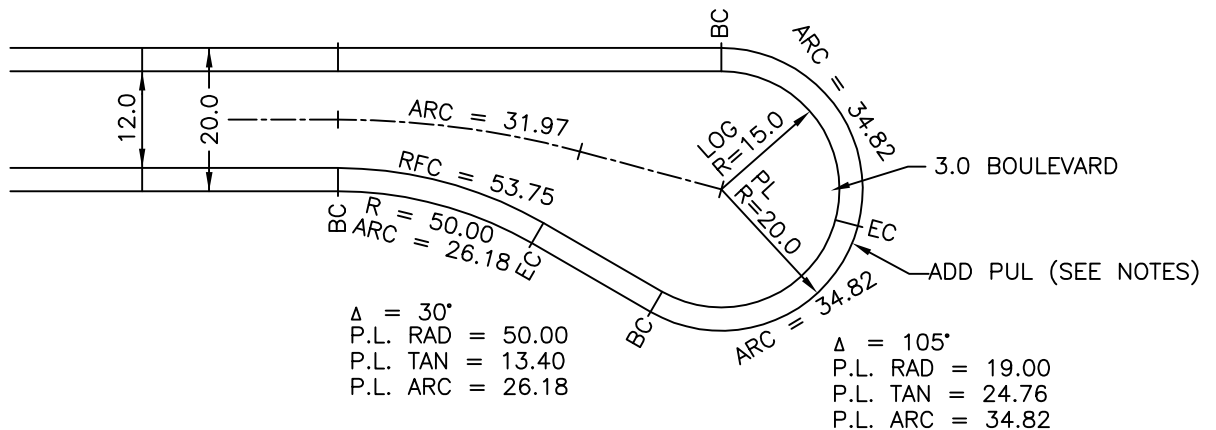
STD. DWG NO.

9-114

$\Delta = 15^\circ$
P.L. RAD = 20.0
P.L. TAN = 6.58
P.L. ARC = 13.09
(at property line)



$\Delta = 15^\circ$
C.L. RAD = 122.11
C.L. TAN = 16.08
C.L. RAD = 31.97



NOTES:

1. A PUL WITH A WIDTH NO LESS THAN 6.0m AND DEPTH OF LOT MUST BE ADDED TO ALLOW FOR SNOW MOVEMENT AND STORAGE
2. THE CURB AND GUTTER MUST BE DEPRESSED AT THE PUL TO ALLOW FOR SNOW MOVEMENT



TITLE:

LOCAL INDUSTRIAL/COMMERCIAL
CUL - DE - SAC
CURB AND GUTTER

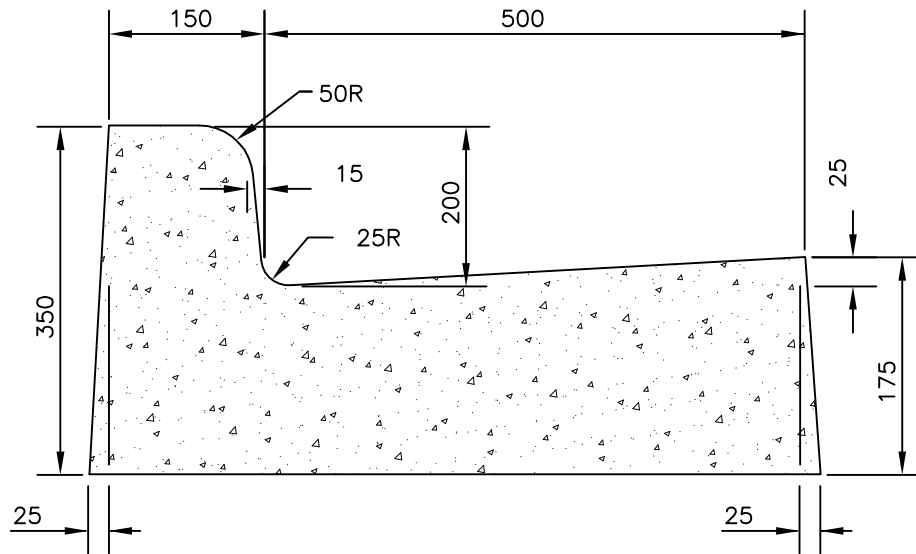
STANDARD DETAILS

SCALE: N.T.S.

DATE: SEPTEMBER 2010

STD. DWG NO.

9-115



NOTES:

1. 25mm BATTER NOT REQUIRED FOR HANDFORMED.
2. ALL DIMENSIONS IN MILLIMETRES.



TITLE:

500mm CURB & GUTTER
FOR ARTERIAL ROADWAYS

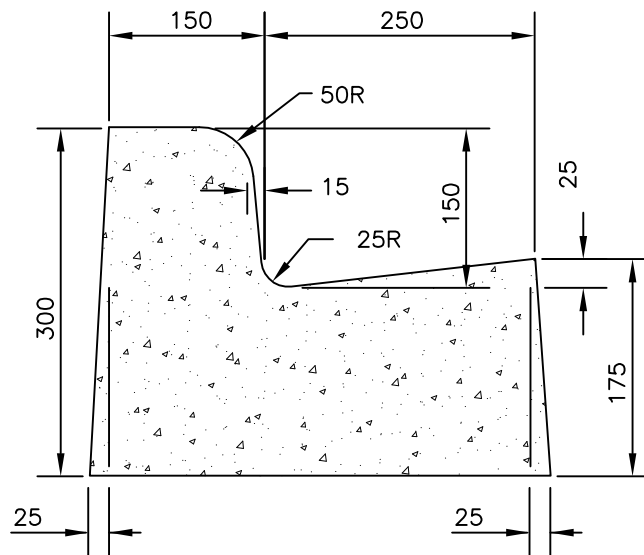
STANDARD DETAILS

SCALE: N.T.S.

DATE: SEPTEMBER 2010

STD. DWG NO.

9-200



NOTES:

1. 25mm BATTER NOT REQUIRED FOR HANDFORMED.
2. ALL DIMENSIONS IN MILLIMETRES.



TITLE:

250mm STANDARD
CURB & GUTTER

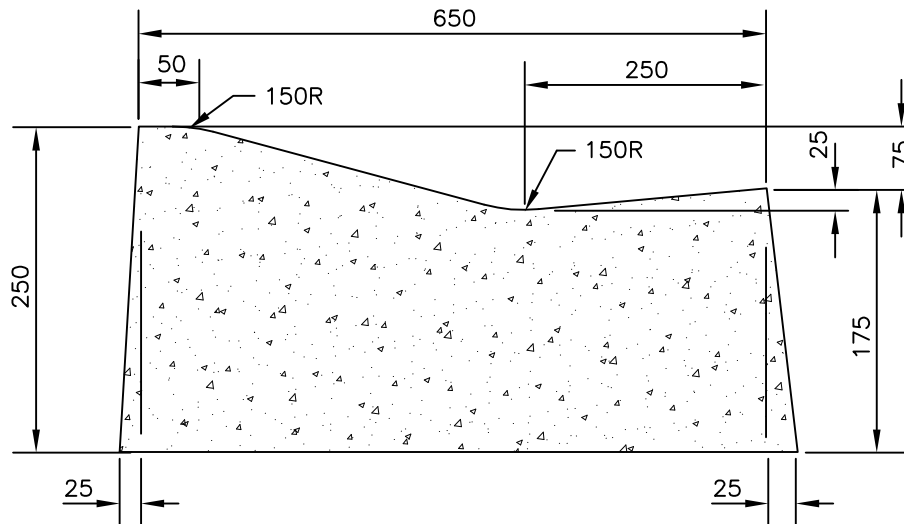
STANDARD DETAILS

SCALE: N.T.S.

DATE: SEPTEMBER 2010

STD. DWG NO.

9-201



NOTES:

1. 25mm BATTER NOT REQUIRED FOR HANDFORMED.
2. ALL DIMENSIONS IN MILLIMETRES.



TITLE:

250mm ROLLED
CURB AND GUTTER

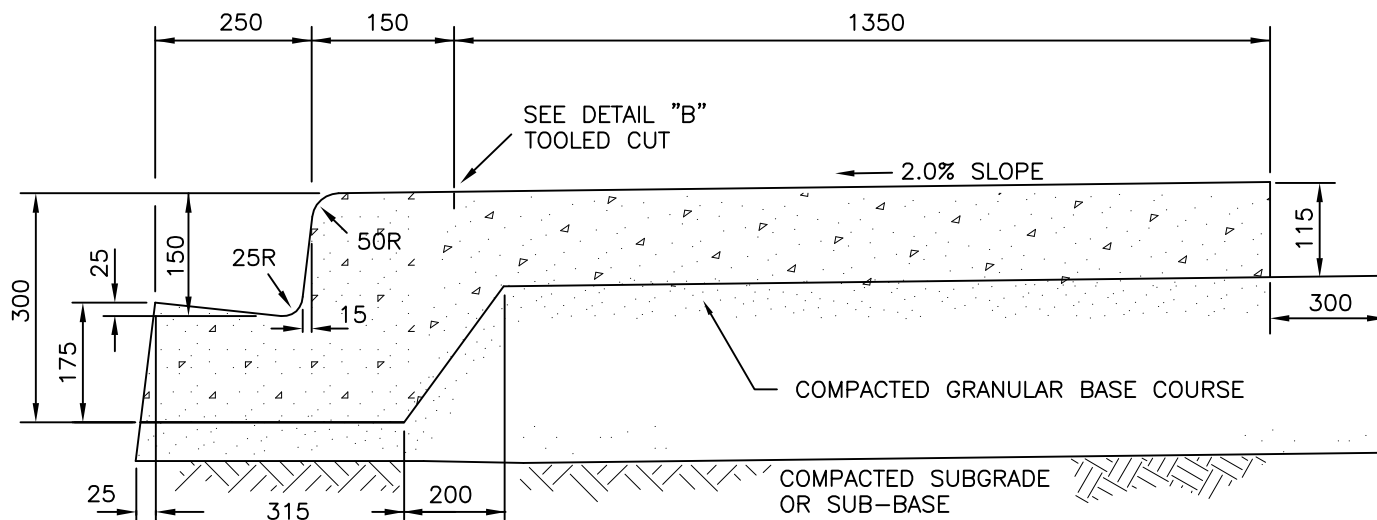
STANDARD DETAILS

SCALE: N.T.S.

DATE: SEPTEMBER 2010

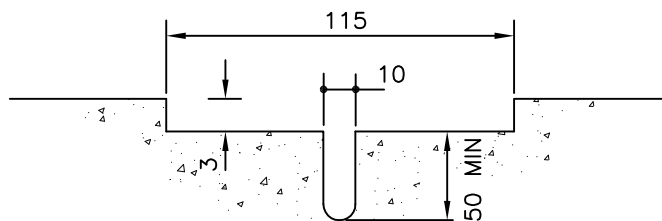
STD. DWG NO.

9-202



NOTE:

1. ALL DIMENSIONS ARE IN MILLIMETRES.



DETAIL "B"



TITLE:

1.50m STANDARD
MONOLITHIC SIDEWALK

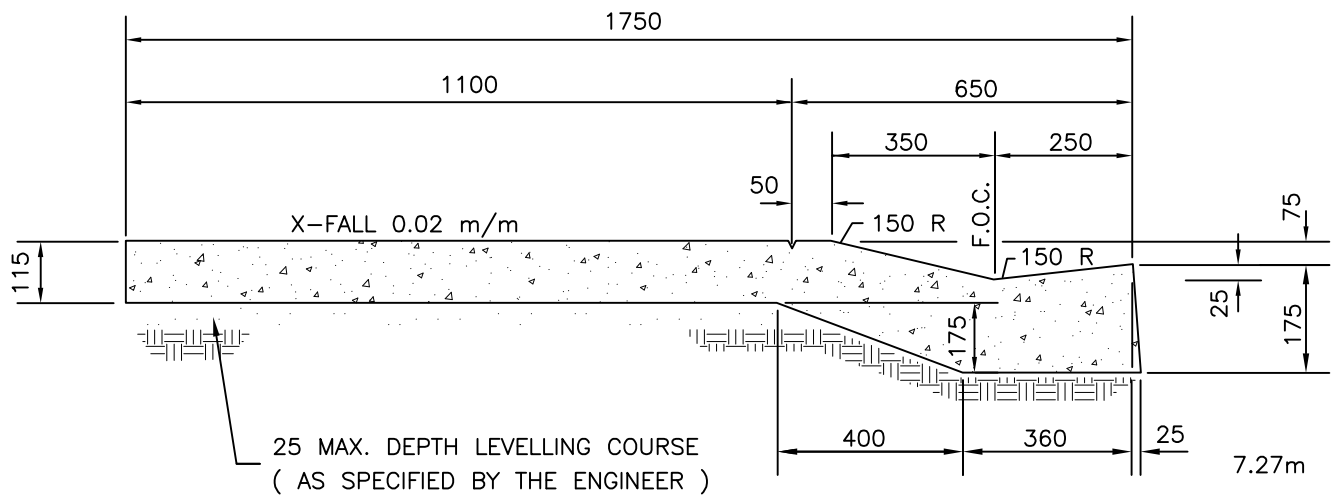
STANDARD DETAILS

SCALE: N.T.S.

DATE: SEPTEMBER 2010

STD. DWG NO.

9-203



NOTES:

1. 25mm BATTER NOT REQUIRED FOR HANDFORMED.
2. ALL DIMENSIONS IN MILLIMETRES.



TITLE:

1.50m ROLLED
MONOLITHIC SIDEWALK

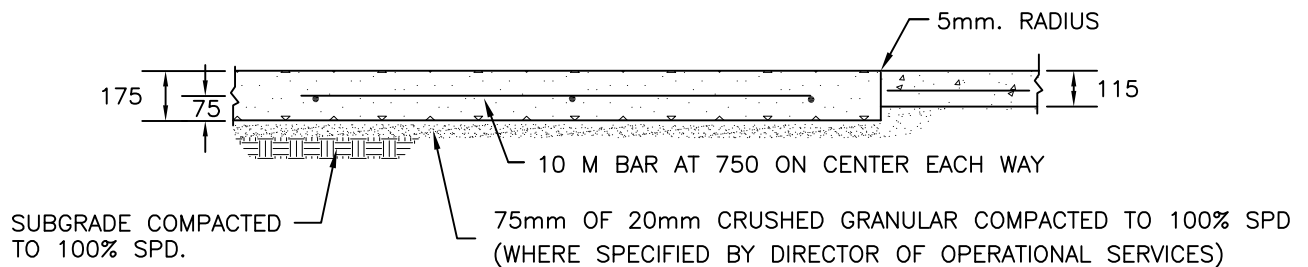
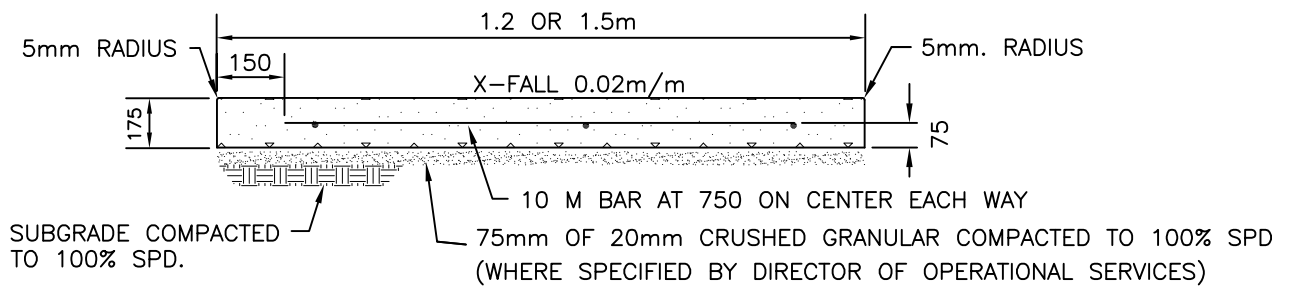
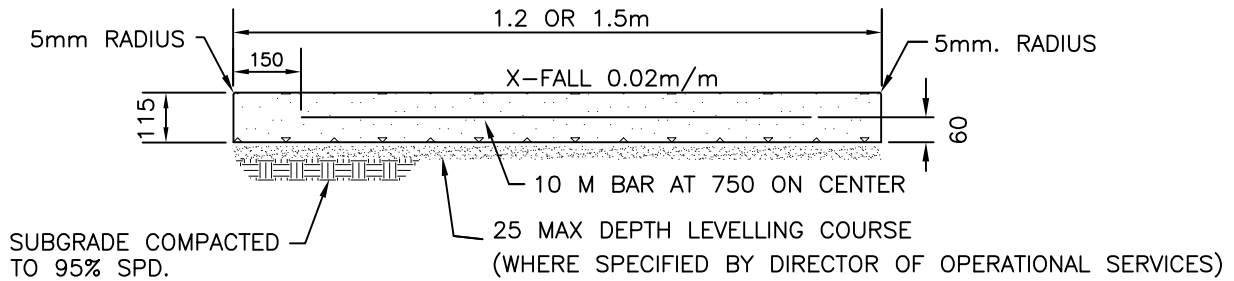
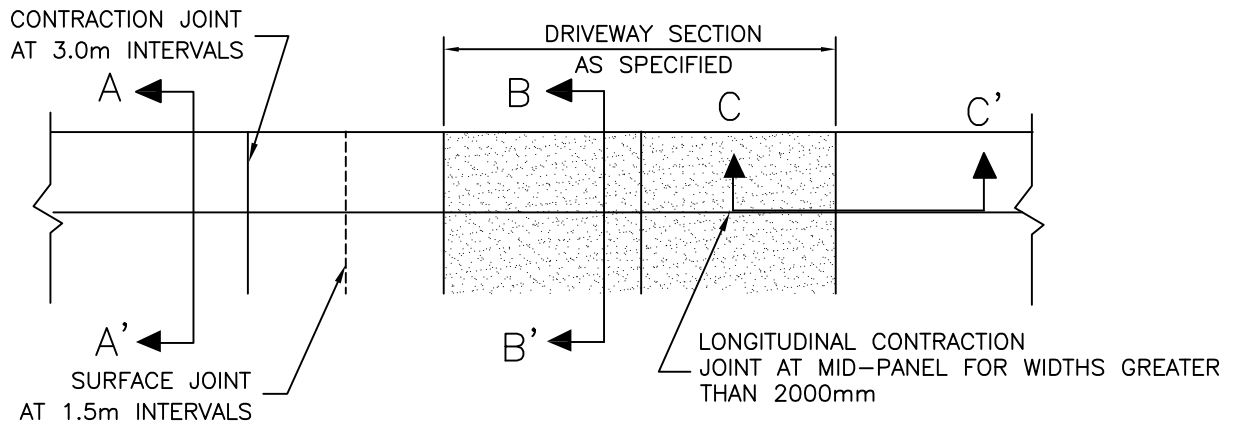
STANDARD DETAILS

SCALE: N.T.S.

DATE: SEPTEMBER 2010

STD. DWG NO.

9-204



NOTE:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED.



TITLE:

1.20m OR 1.50m
SEPARATE SIDEWALK

STANDARD DETAILS

SCALE: N.T.S.

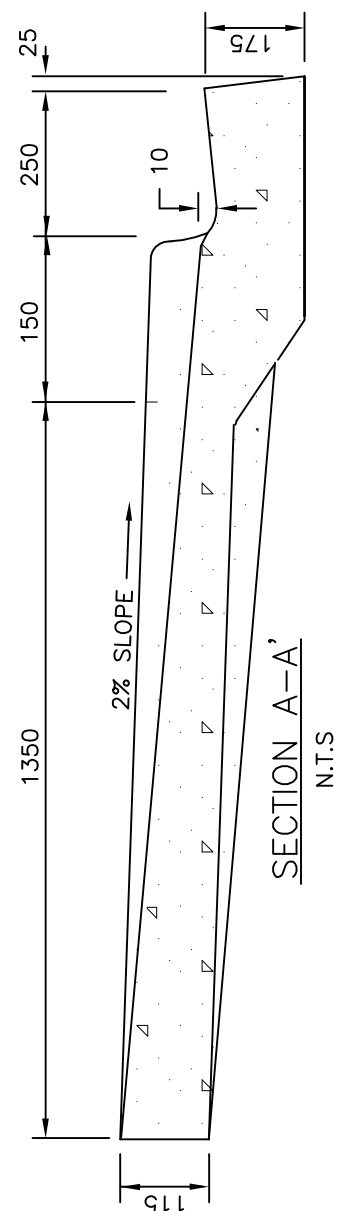
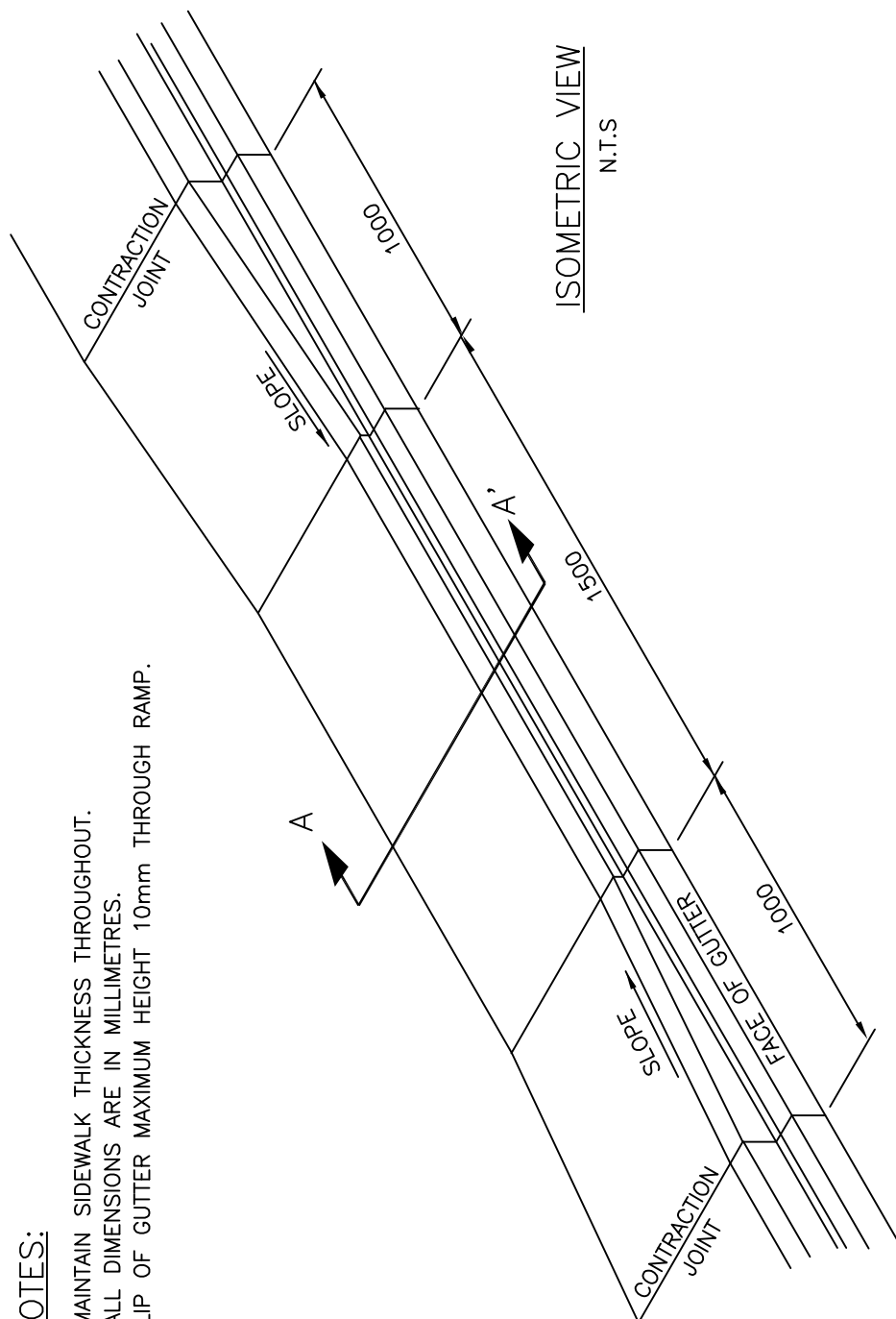
DATE: SEPTEMBER 2010

STD. DWG NO.

9-205

NOTES:

1. MAINTAIN SIDEWALK THICKNESS THROUGHOUT.
2. ALL DIMENSIONS ARE IN MILLIMETRES.
3. LIP OF GUTTER MAXIMUM HEIGHT 10mm THROUGH RAMP.



TITLE:

PARAPLEGIC RAMP DETAILS ON TANGENT

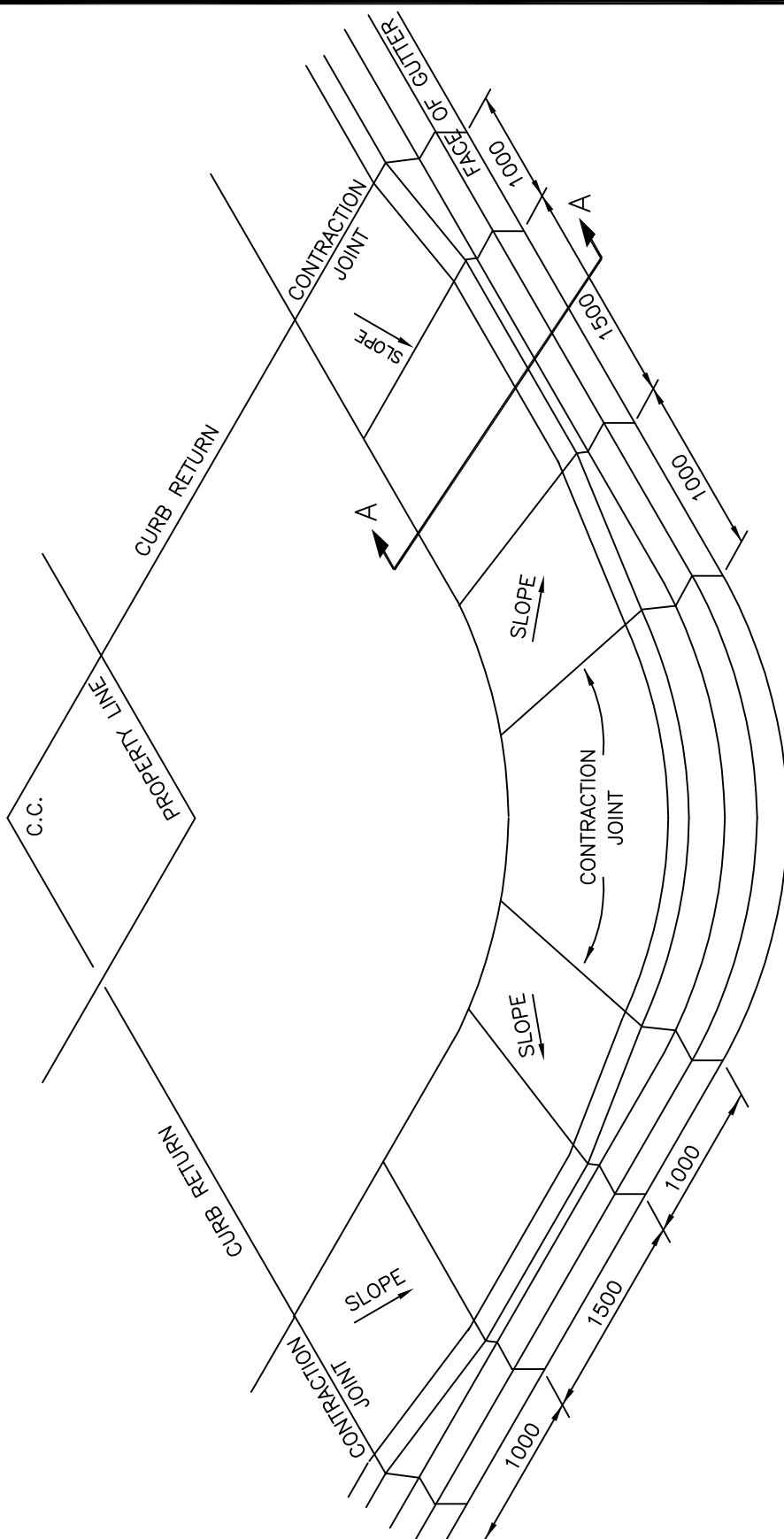
STANDARD DETAILS

SCALE: N.T.S.

DATE: SEPTEMBER 2010

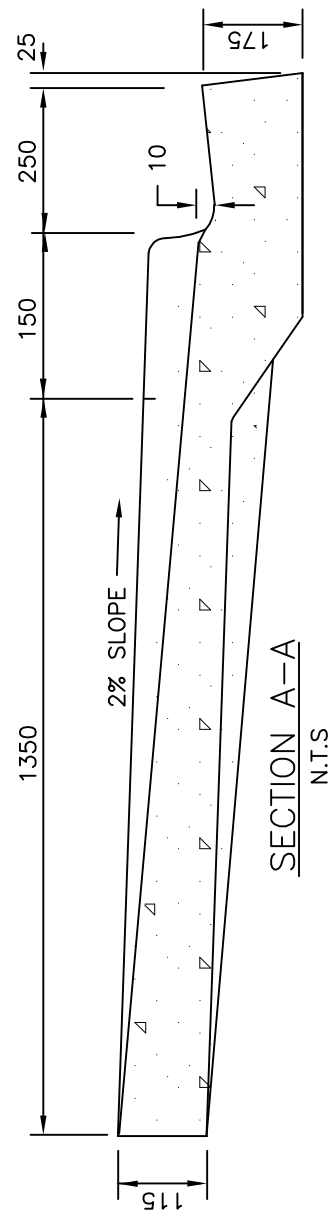
STD. DWG NO.

9-300



ISOMETRIC VIEW

N.T.S.



NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
2. MAINTAIN SIDEWALK DEPTH THROUGHOUT.
3. LIP OF GUTTER MAXIMUM HEIGHT 10mm THROUGH RAMP.



TITLE:

PARAPLEGIC RAMP DETAILS AT BOTH CURB RETURNS

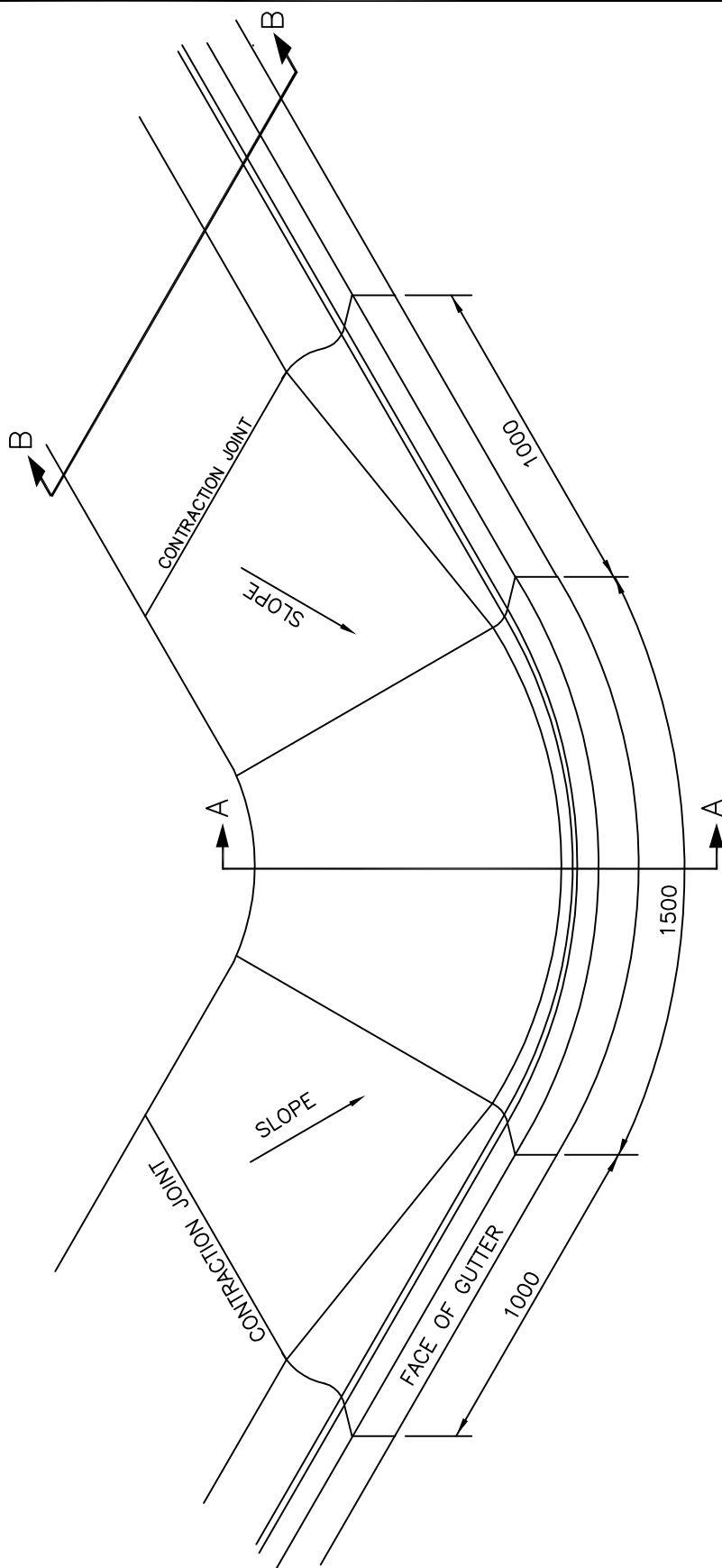
STANDARD DETAILS

SCALE: N.T.S.

DATE: SEPTEMBER 2010

STD. DWG NO.

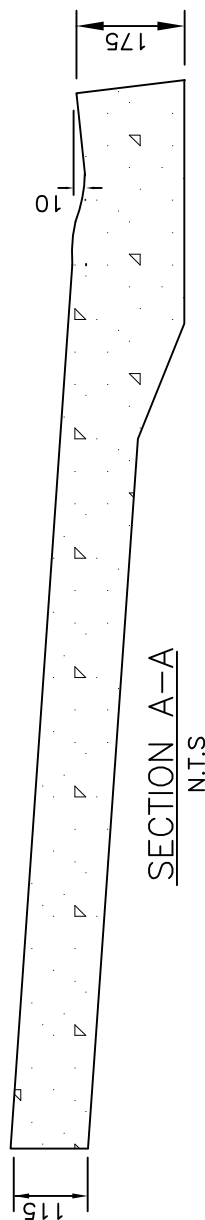
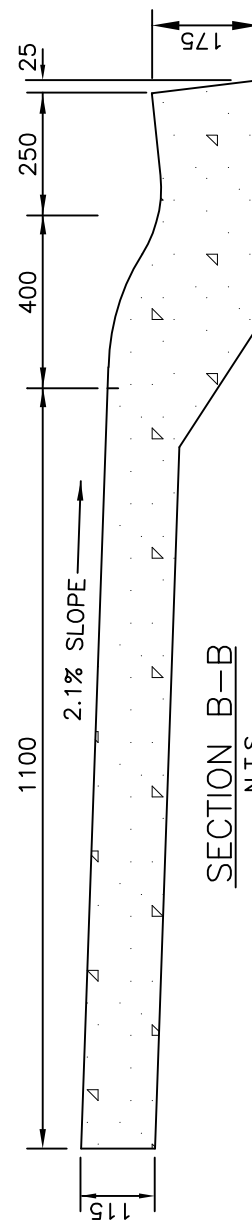
9-301



ISOMETRIC VIEW
N.T.S.

NOTES:

1. MAINTAIN SIDEWALK DEPTH THROUGHOUT.
2. ALL DIMENSIONS ARE IN MILLIMETRES.
3. LIP OF GUTTER MAXIMUM HEIGHT 10mm THROUGH LIP.



TITLE:

PARAPLEGIC RAMP
DETAILS AT CENTRE
OF CURB RETURN
—ROLLED CURB

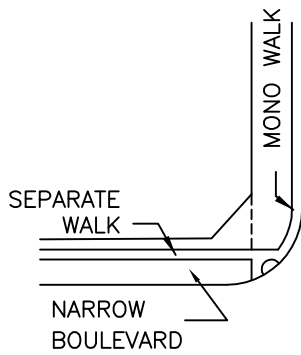
STANDARD DETAILS

SCALE: N.T.S.

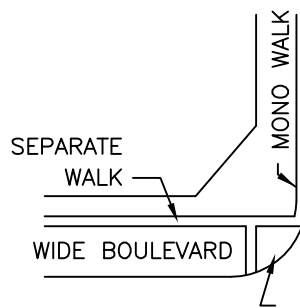
DATE: SEPTEMBER 2010

STD. DWG NO.

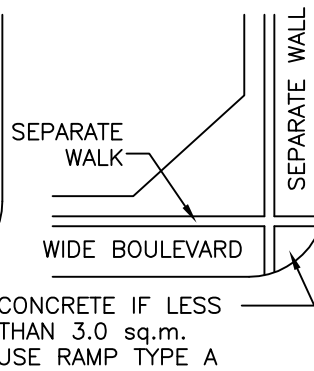
9-302



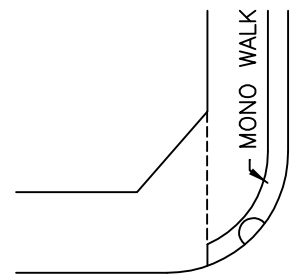
RAMP TYPE A



RAMP TYPE B

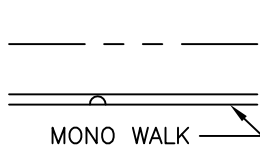


RAMP TYPE B

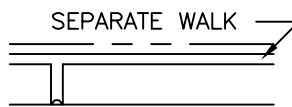


RAMP TYPE A

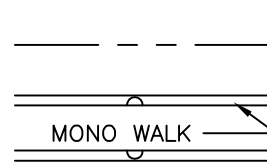
CORNER LAYOUT



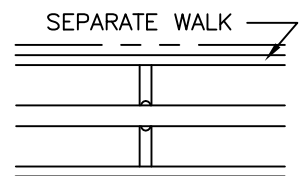
RAMP TYPE C



RAMP TYPE D

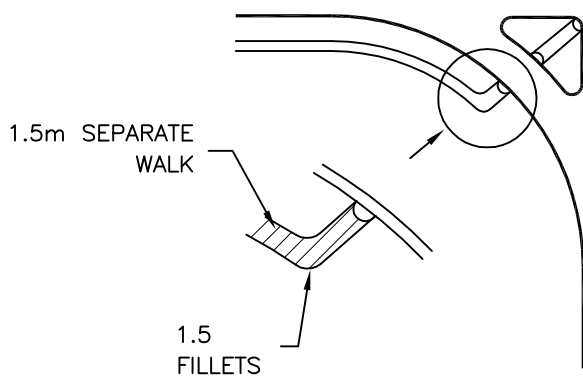


RAMP TYPE C

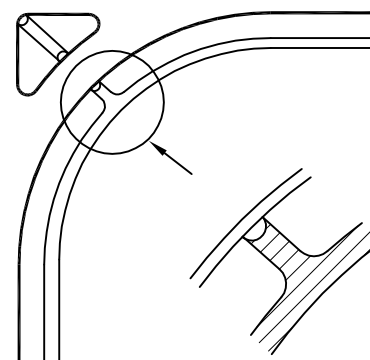


RAMP TYPE D

TANGENT LAYOUT



RAMP TYPE D



INTERSECTION LAYOUT

N.T.S.



TITLE:

WHEELCHAIR / BIKE
RAMP LOCATIONS

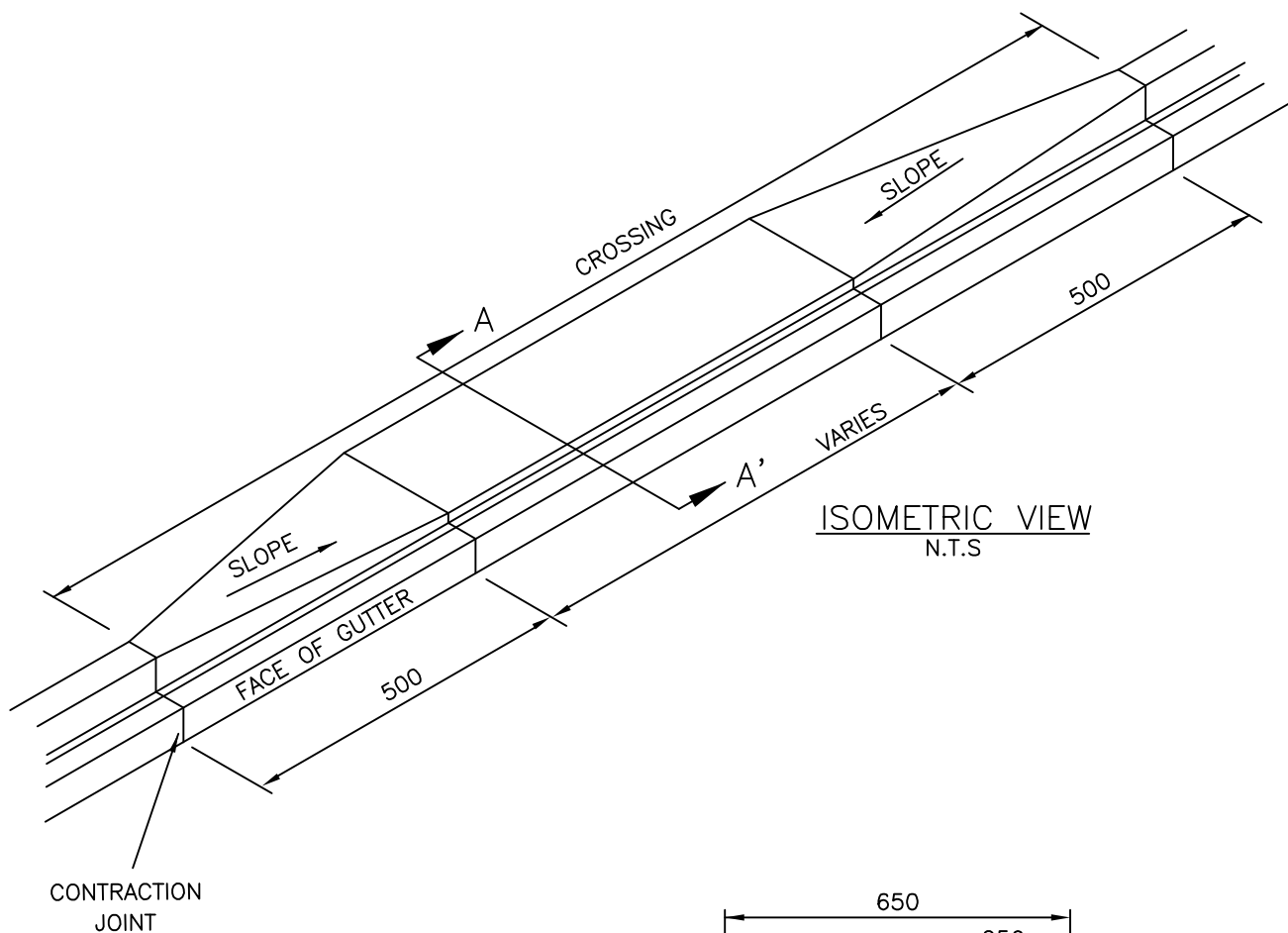
STANDARD DETAILS

SCALE: N.T.S.

DATE: SEPTEMBER 2010

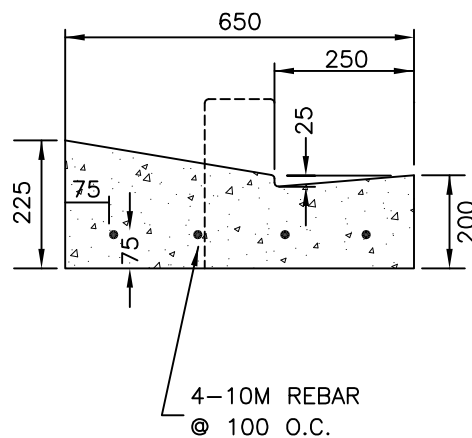
STD. DWG NO.

9-303



NOTES:

1. MAINTAIN THICKENED DEPTH THROUGHOUT.
2. ALL DIMENSIONS ARE IN MILLIMETRES.



TITLE:

INDUSTRIAL / COMMERCIAL
CURB & GUTTER CROSSING

STANDARD DETAILS

SCALE: N.T.S.

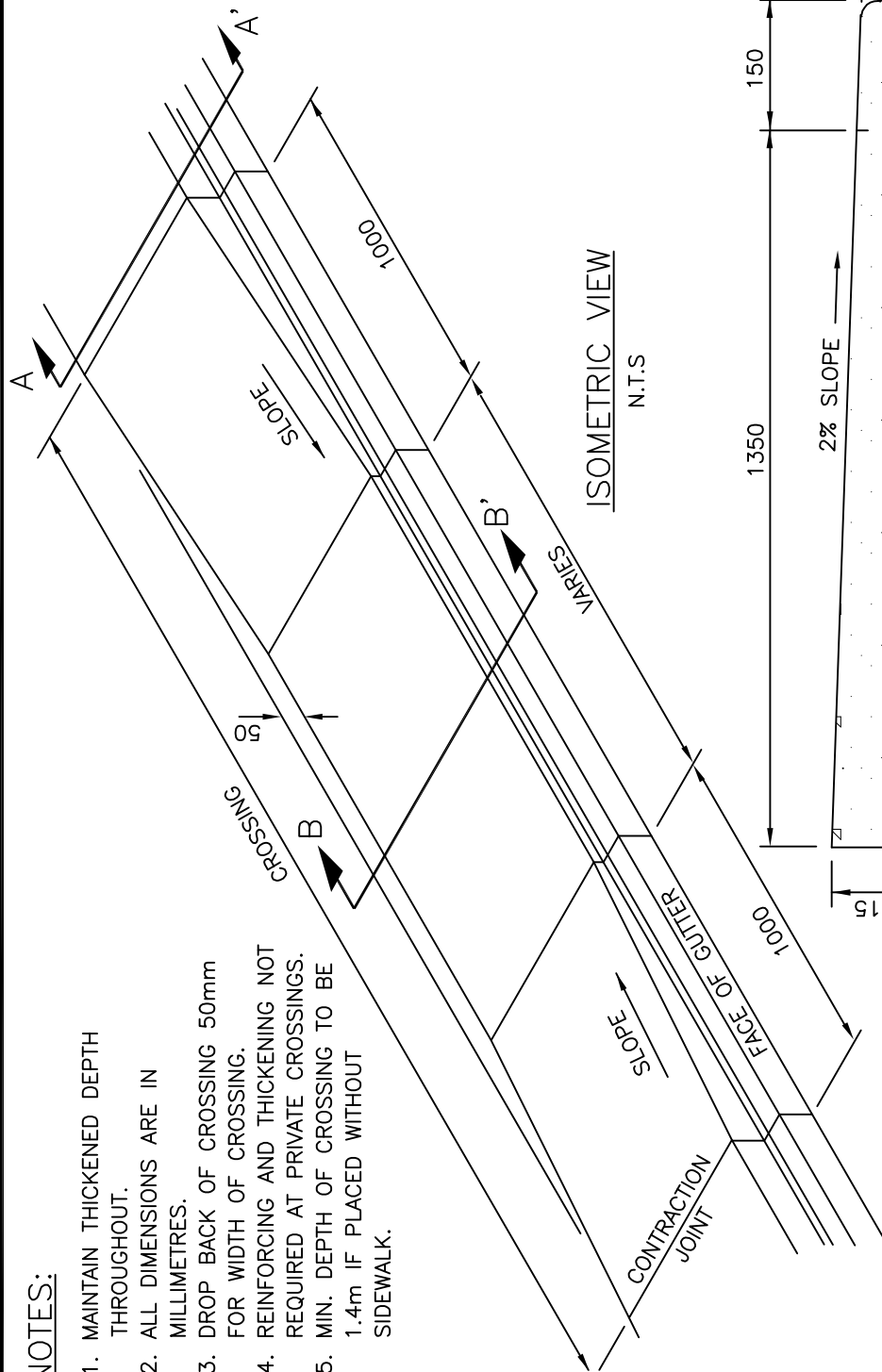
DATE: SEPTEMBER 2010

STD. DWG NO.

9-400

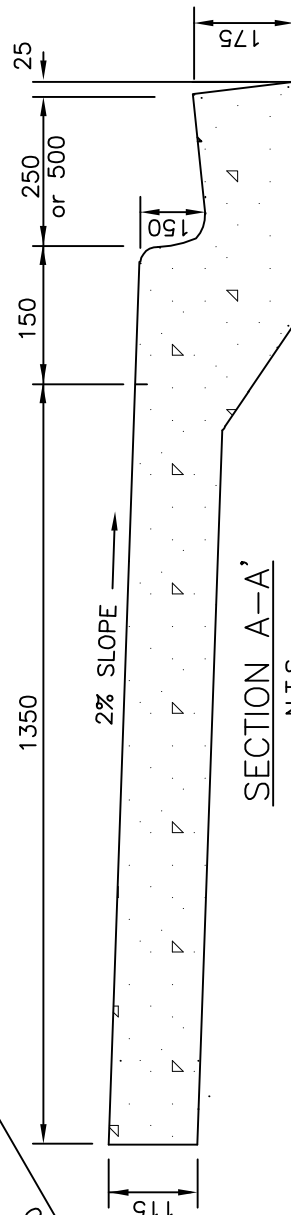
NOTES:

1. MAINTAIN THICKENED DEPTH THROUGHOUT.
2. ALL DIMENSIONS ARE IN MILLIMETRES.
3. DROP BACK OF CROSSING 50mm FOR WIDTH OF CROSSING.
4. REINFORCING AND THICKENING NOT REQUIRED AT PRIVATE CROSSINGS.
5. MIN. DEPTH OF CROSSING TO BE 1.4m IF PLACED WITHOUT SIDEWALK.



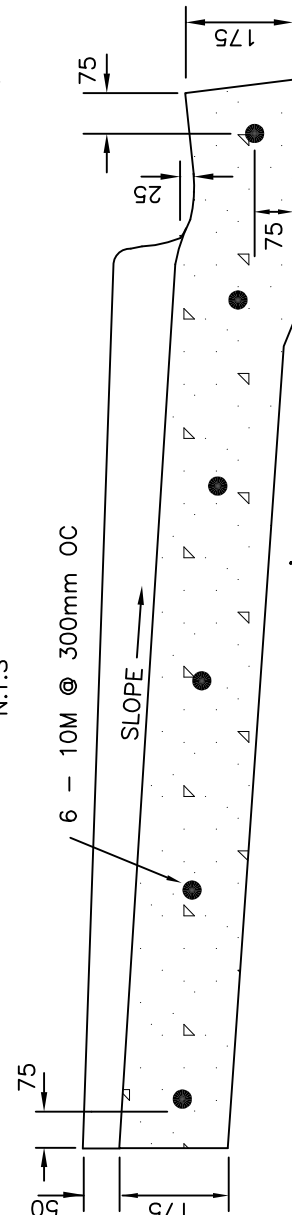
ISOMETRIC VIEW

N.T.S.



SECTION A-A'

N.T.S.



SECTION B-B'

N.T.S.



TITLE:

TYPICAL MONOLITHIC
LANE AND DRIVEWAY
CROSSING

STANDARD DETAILS

SCALE: N.T.S.

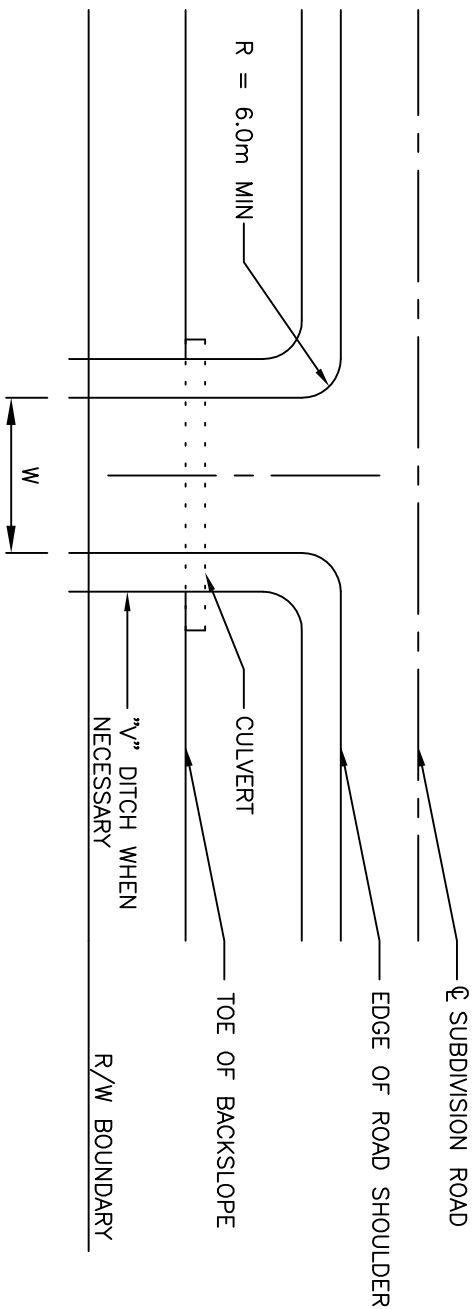
DATE: SEPTEMBER 2010

STD. DWG NO.

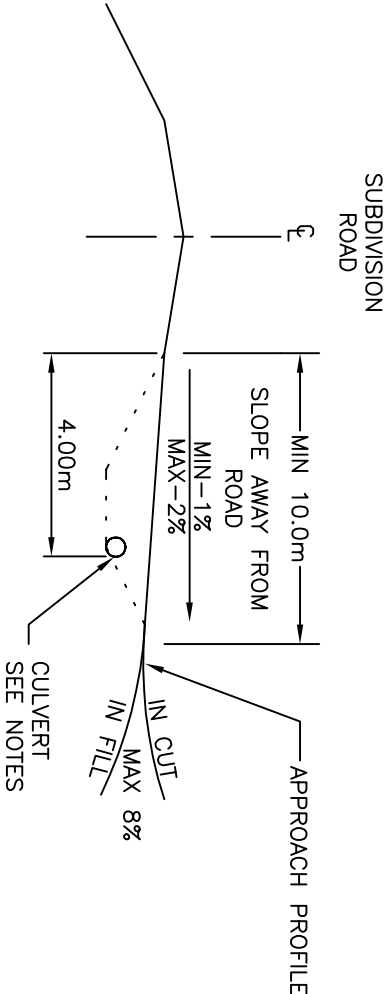
9-401

NOTES:

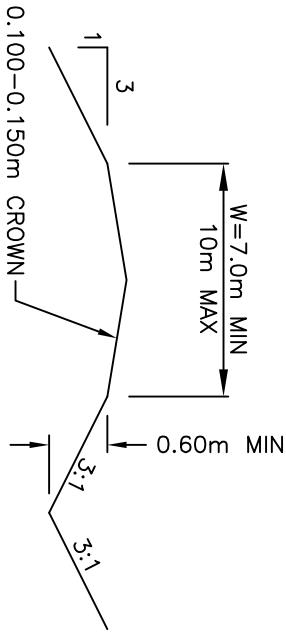
1. WHEN CULVERTS ARE REQUIRED THEY MUST BE C.S.P. CULVERTS AND BE A MINIMUM DIAMETER OF 0.400m.
2. CULVERTS MUST BE SET BACK A MINIMUM OF 4m FROM SHOULDER OF ROAD.
3. ALL DIMENSIONS SHOWN ARE IN METERS.



APPROACH PLAN



DITCH AND CULVERT LOCATION



APPROACH CROSS SECTION

TITLE:

TYPICAL RESIDENTIAL
APPROACHES

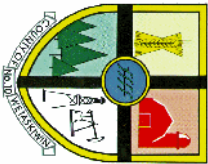
STANDARD DETAILS

SCALE: N.T.S.

DATE: SEPTEMBER 2010

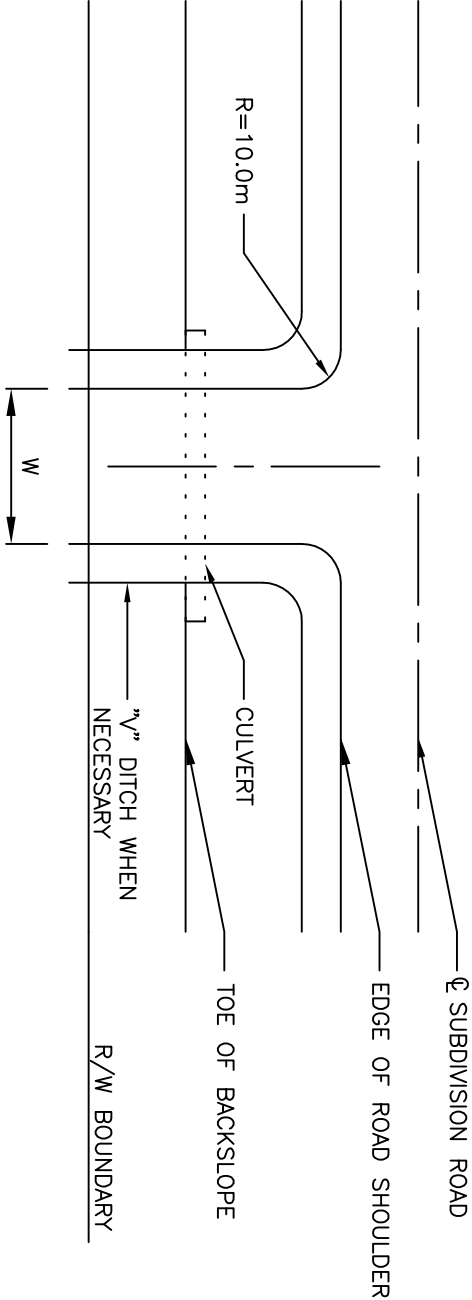
STD. DWG NO.

9-501

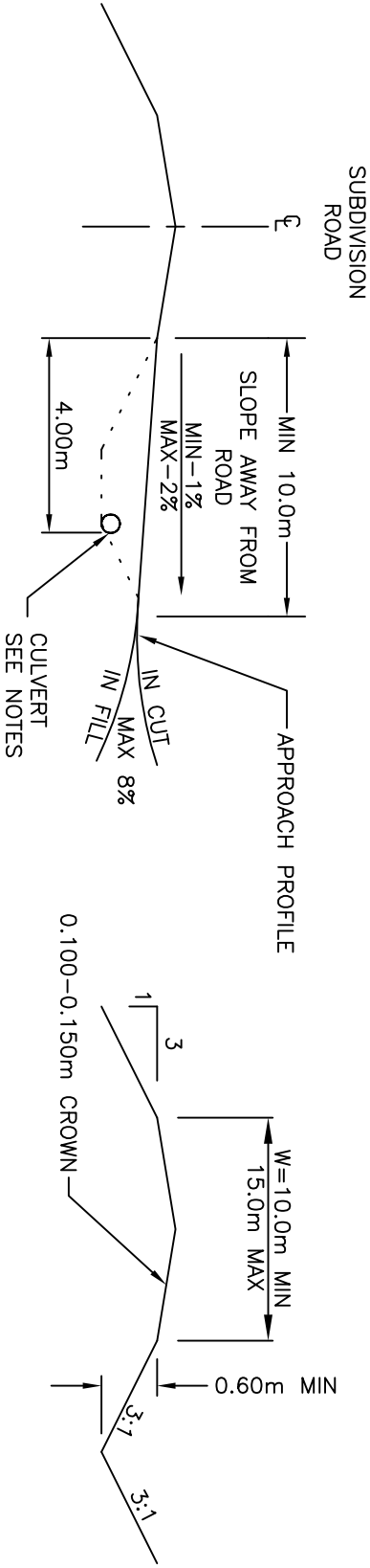


NOTES:

1. WHEN CULVERTS ARE REQUIRED THEY MUST BE C.S.P. CULVERTS AND BE A MINIMUM DIAMETER OF 0.400m.
2. CULVERT MUST BE SET BACK MINIMUM OF 4m FROM SHOULDER OF ROAD.
3. ALL DIMENSIONS SHOWN ARE IN METERS.



APPROACH PLAN



DITCH AND CULVERT LOCATION

APPROACH CROSS SECTION

TITLE:

TYPICAL INDUSTRIAL
APPROACHES

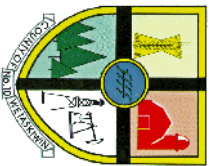
STANDARD DETAILS

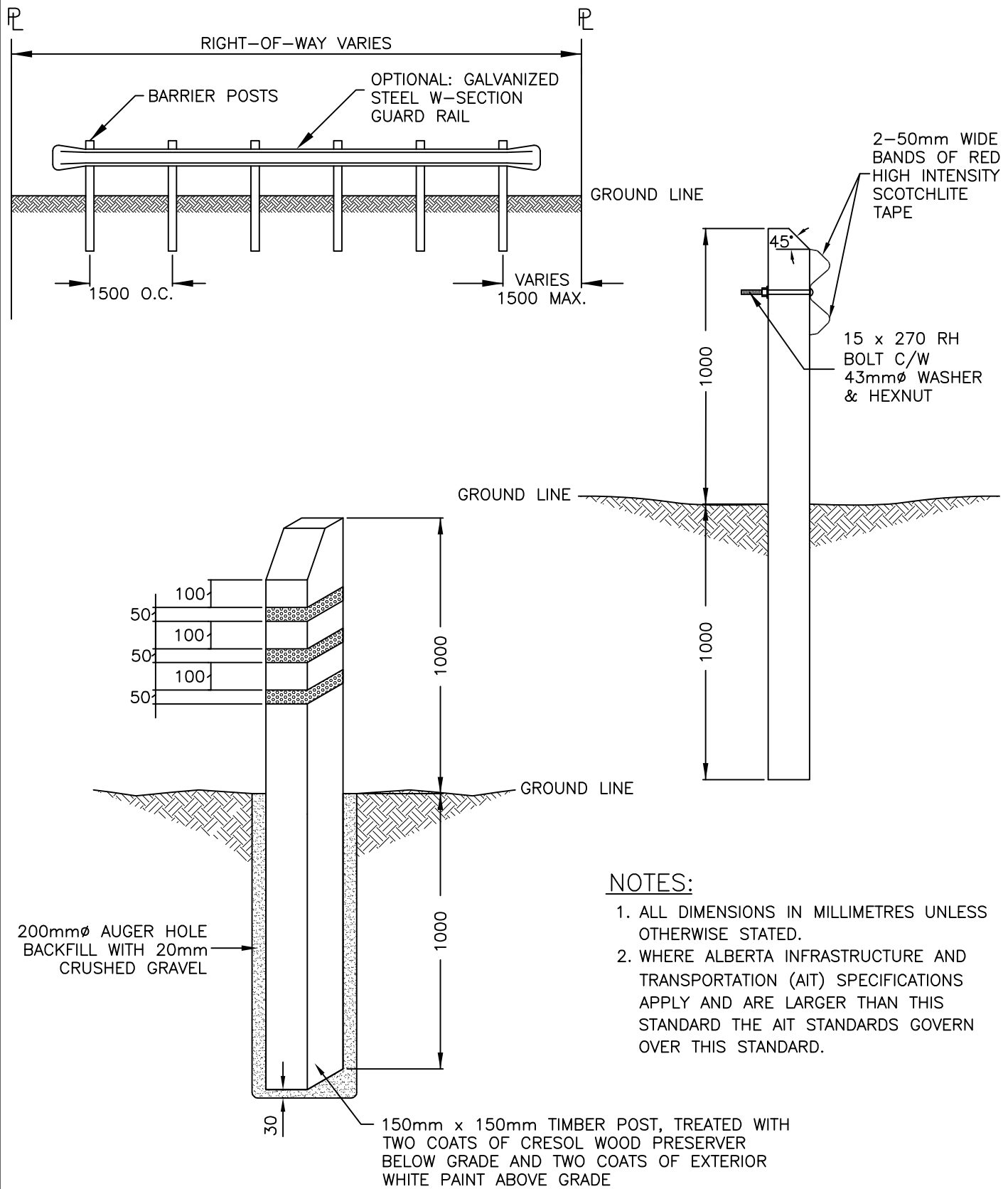
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DATE: SEPTEMBER 2010

STD. DWG NO.

9-502





TITLE:

BARRIER POSTS

STANDARD DETAILS

SCALE: N.T.S.

DATE: SEPTEMBER 2010

STD. DWG NO.

9-700