

INFRASTRUCTURE WORKS TO SITES S7, S8, S9 & S10 IN MORCELLEMENT AUREA LIVING HARMONY, COTE D'OR

CONTRACT: SPDL/RFP/C2024/29

TENDER DRAWINGS

(Volume 2 of 2)

NOVEMBER 2024

LIST OF DRAWINGS	
GENERAL DRAWINGS	
DRAWING NO.	TITLE
SPDL/C2024/29/LP/S7-S10/LAY/01	Location Plan
SPDL/C2024/29/SP/S7-S10/LAY/01	Site Plan
ROAD & DRAINAGE WORKS	
SPDL/C2024/29/SRC/R/S7-S10/LAY/01	Road Layout (General)
SPDL/C2024/29/SRC/R/S7/LAY/01	Road Layout (S7)
SPDL/C2024/29/SRC/R/S8/LAY/01	Road Layout (S8)
SPDL/C2024/29/SRC/R/S9/LAY/01	Road Layout (S9)
SPDL/C2024/29/SRC/R/S10/LAY/01	Road Layout (S10)
SPDL/C2024/29/R/CS/01	Typical Road Cross Section
SPDL/C2024/29/R/S7/LS/01	Road Longitudinal Section For S7
SPDL/C2024/29/R/S8/LS/01	Road Longitudinal Section For S8
SPDL/C2024/29/R/S9/LS/01	Road Longitudinal Section For S9
SPDL/C2024/29/R/S9/LS/02	Road Longitudinal Section For S9
SPDL/C2024/29/R/S10/LS/01	Road Longitudinal Section For S10
SPDL/C2024/29/D/S7-S10/LAY/01	Drain Layout (General)
SPDL/C2024/29/D/S7/LAY/01	Drain Layout (S7)
SPDL/C2024/29/D/S8/LAY/01	Drain Layout (S8)
SPDL/C2024/29/D/S9/LAY/01	Drain Layout (S9)
SPDL/C2024/29/D/S10/LAY/01	Drain Layout (S10)
SPDL/C2024/29/D/S7/LS/01	Drain Longitudinal Section For S7
SPDL/C2024/29/D/S8/LS/01	Drain Longitudinal Section For S8
SPDL/C2024/29/D/S8/LS/02	Drain Longitudinal Section For S8
SPDL/C2024/29/D/S9/LS/01	Drain Longitudinal Section For S9
SPDL/C2024/29/D/S9/LS/02	Drain Longitudinal Section For S9
SPDL/C2024/29/D/S9/LS/03	Drain Longitudinal Section For S9
SPDL/C2024/29/D/S10/LS/01	Drain Longitudinal Section For S10

LIST OF DRAWINGS	
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SPDL/C2024/29/RM/S8/LAY/01	Road Marking Layout S8
SPDL/C2024/29/RM/S9/LAY/01	Road Marking Layout S9
SPDL/C2024/29/RM/S10/LAY/01	Road Marking Layout S10
SPDL/C2024/29/R/TD/01	Road Kerb Details
SPDL/C2024/29/R/TD/02	Plot Access and Footpath Details
SPDL/C2024/29/R/TD/03	Drain D500 and D700 Details
SPDL/C2024/29/R/TD/04	Cross Drain With Grating Details
SPDL/C2024/29/R/TD/05	Concrete Drain Details DS500 DS700 at Road Crossing and Catch Pit Details
SPDL/C2024/29/R/TD/06	Concrete Manhole Details
SPDL/C2024/29/R/TD/07	Desilting Chamber Details
SPDL/C2024/29/R/TD/08	Outlet Structure and Pipe Culvert Details
SPDL/C2024/29/R/TD/09	Foundation and Bracing Details to Sign Posts
SPDL/C2024/29/R/TD/10	Project Identification Signboard Details
SPDL/C2024/29/R/TD/11	Typical Handrail Details

LIST OF DRAWINGS

WATERWORKS

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SPDL/C2024/29/W/S9/LAY01	Water Layout (S9)
SPDL/C2024/29/W/S10/LAY01	Water Layout (S10)
SPDL/C2024/29//W/S7/LS/01	Water Longitudinal for S7
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SPDL/C2024/29//W/S9/LS/01	Water Longitudinal for S9
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SPDL/C2024/29/W/TD/03	Standard details to thrust blocks
SPDL/C2024/29/W/TD/04	Standard details to marker post
SPDL/C2024/29/W/TD/05	Gate valve details
SPDL/C2024/29/W/TD/06	Double orifice air valve details
SPDL/C2024/29/W/TD/07	Drain valve details
SPDL/C2024/29/W/TD/08	Fire hydrant details
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SPDL/C2024/29/W/TD/10	Fittings schedule

LIST OF DRAWINGS

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SPDL/C2024/29/S/S8/LAY/01	Sewer Layout (S8)
SPDL/C2024/29/S/S9/LAY/01	Sewer Layout (S9)
SPDL/C2024/29/S/S10/LAY/01	Sewer Layout (S10)
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SPDL/C2024/29/S/S8/LS/01	Sewer Longitudinal Section For S8
SPDL/C2024/29/S/S9/LS/01	Sewer Longitudinal Section For S9
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SPDL/C2024/29/S/TD/04	Typical Circular Manhole Details (Depth $>$ 3.0m)
SPDL/C2024/29/S/TD/05	Junction Details for Circular Manholes
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SPDL/C2024/29/S/TD/07	Inspection Chamber Type B
SPDL/C2024/29/S/TD/08	Inspection Chamber Type C (Sheet 1 of 2)
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LIST OF DRAWINGS	
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SPDL/C2024/29/E/TD/09	Outdoor Ring Main Unit Housing with Manhole
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LIST OF DRAWINGS

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SPDL/C2024/29/SL/S8/LAY/01	Street Lighting Layout (S8)
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SPDL/C2024/29/T/S8/LAY/01	Telecom Layout (S8)
SPDL/C2024/29/T/S9/LAY/01	Telecom Layout (S9)
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SPDL/C2024/29/T/TD/01	Trench Section (1Ø45)
SPDL/C2024/29/T/TD/02	Trench Section (2Ø45)
SPDL/C2024/29/T/TD/03	Trench Section (2Ø45+1Ø45)
SPDL/C2024/29/T/TD/04	Trench Section (2Ø45+2Ø45)
SPDL/C2024/29/T/TD/05	Trench Section (2Ø45+3Ø45)
SPDL/C2024/29/T/TD/06	Trench Section (2Ø45+4Ø45)
SPDL/C2024/29/T/TD/07	Trench Section (3Ø45+4Ø45)
SPDL/C2024/29/T/TD/08	Trench Section (4Ø45+4Ø45)
SPDL/C2024/29/T/TD/09	Trench Section (4Ø45+4Ø45+4Ø45)
SPDL/C2024/29/T/TD/10	Telecom Manhole Details -L2C
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LIST OF DRAWINGS

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SPDL/C2024/29/A/TD/01	Reinforced Concrete Retainig Wall
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SPDL/C2024/29/A/TD/03	Masonry Retaining Wall

GENERAL DRAWINGS

ROAD & DRAINAGE WORKS

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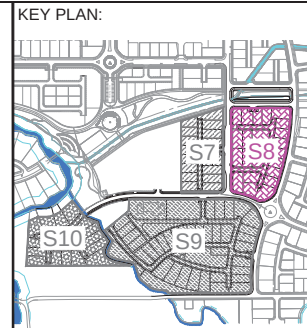
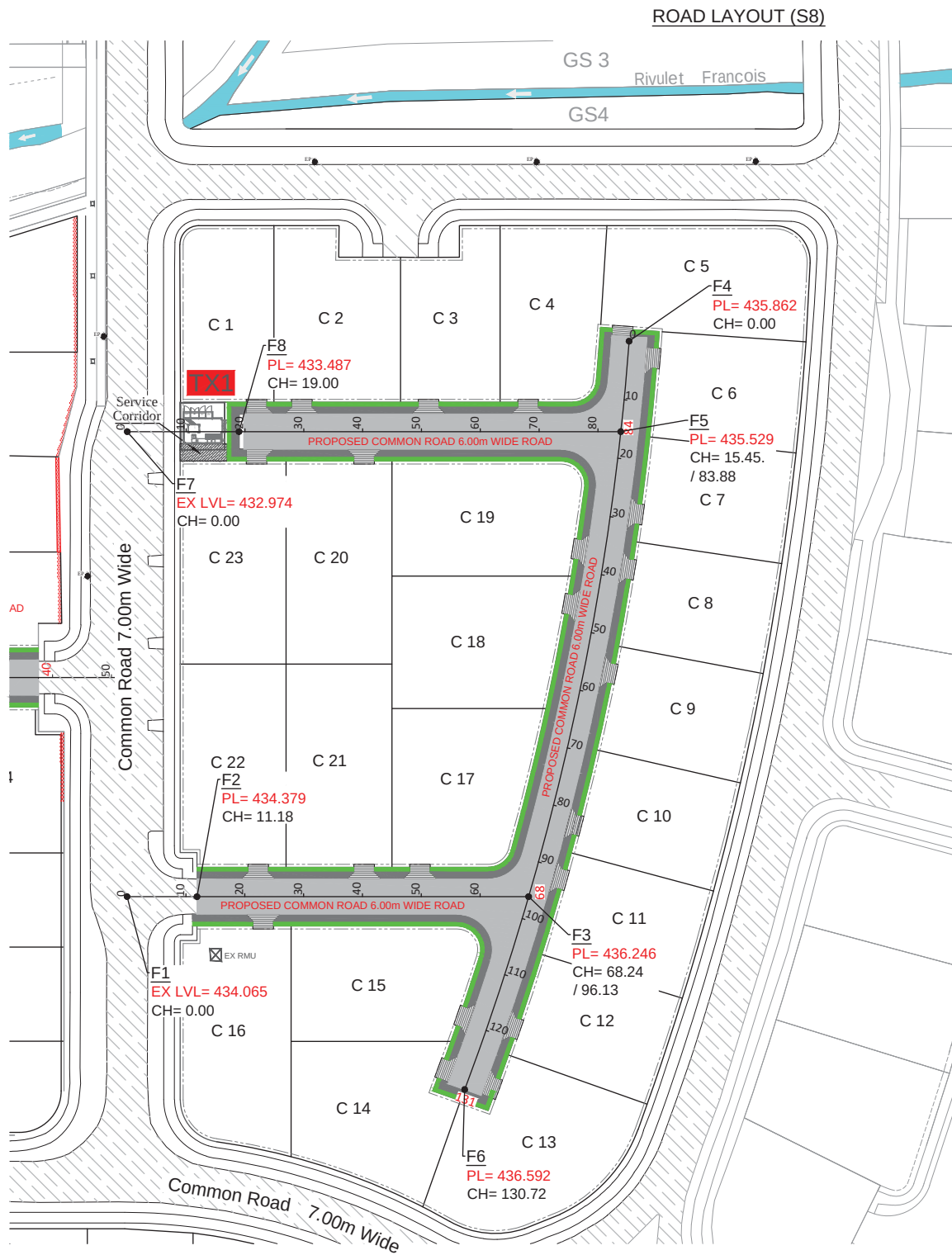
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 **Scene-Ries Consult Ltd.**
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DRAWING TITLE:
ROAD LAYOUT (GENERAL)

DRAWN BY: KG
DESIGN BY: DG
CHECKED BY : ES
PAPER SIZE : A3
SCALE: N.T.S
DATE : NOVEMBER 2024

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LEGENDS:

	Proposed 6.0m Wide Road
	Existing Road
	Proposed 1.2m Footpath
	Green Reserve

CLIENT:

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PROJECT:
INFRASTRUCTURE WORKS TO SITES
S7, S8, S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:
ROAD LAYOUT (S8)

DRAWING NUMBER:
SPDL/C2024/29/SRC/R/S8/LAY/01

DRAWN BY: KG

DESIGN BY: DG

CHECKED BY: ES

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ROAD LAYOUT (S9)



KEY PLAN:



LEGENDS:

	Proposed 6.0m Wide Road
	Existing Road
	Proposed 1.2m Footpath
	Green Reserve

CLIENT:



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PROJECT:

INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:

ROAD LAYOUT (S9)

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DESIGN BY: DG

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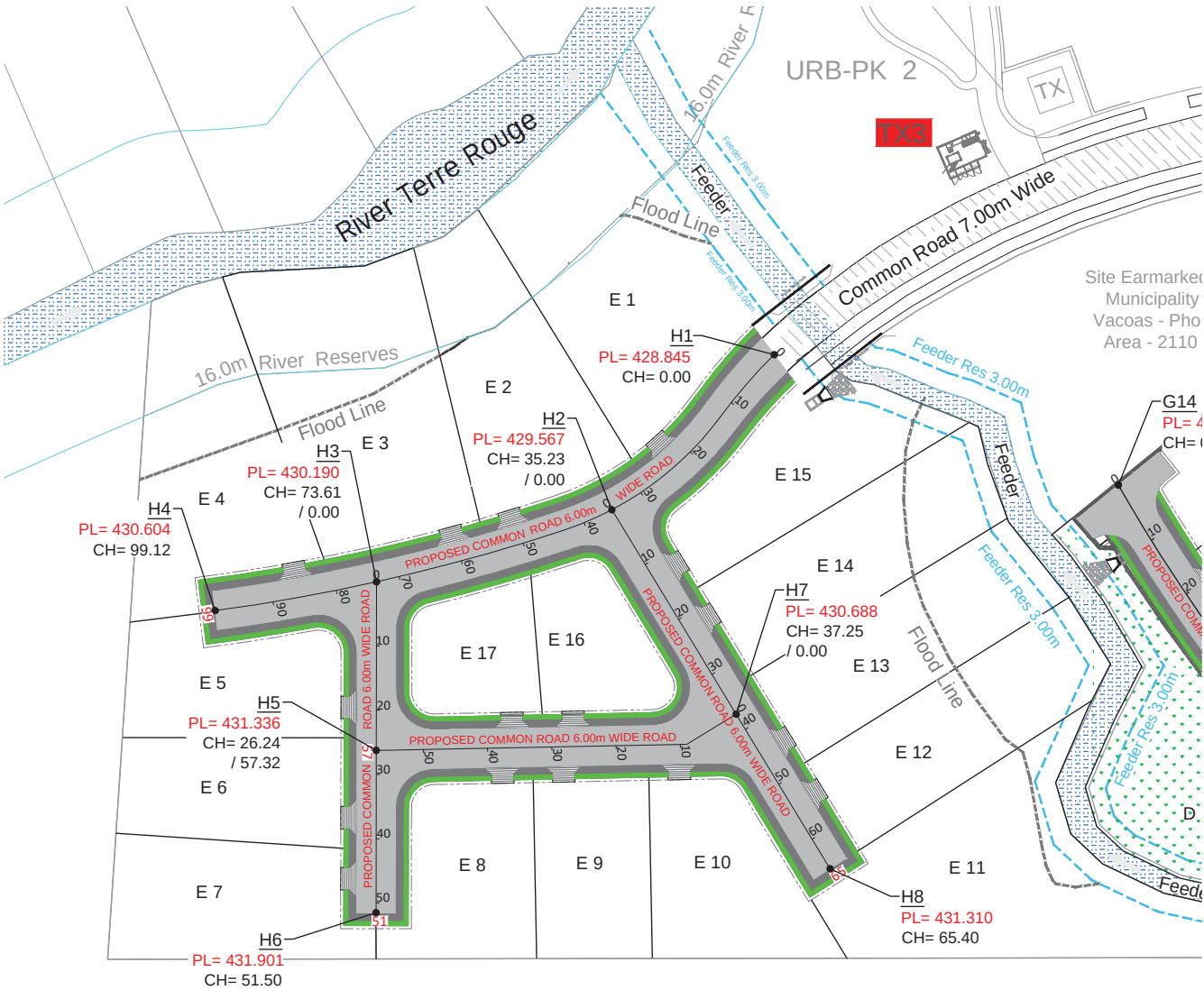
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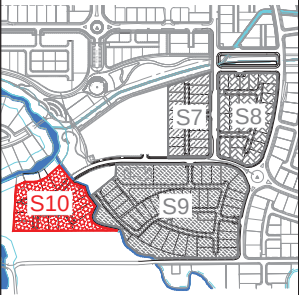
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ROAD LAYOUT (S10)



KEY PLAN:



LEGENDS:

CLIENT:



CONSULTANT:



PROJECT:

INFRASTRUCTURE WORKS TO SITES
S7, S8, S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:

ROAD LAYOUT (S10)

DRAWING NUMBER:

SPDL/C2024/29/SRC/R/S10/LAY/01

DRAWN BY:

KG

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DG

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ES

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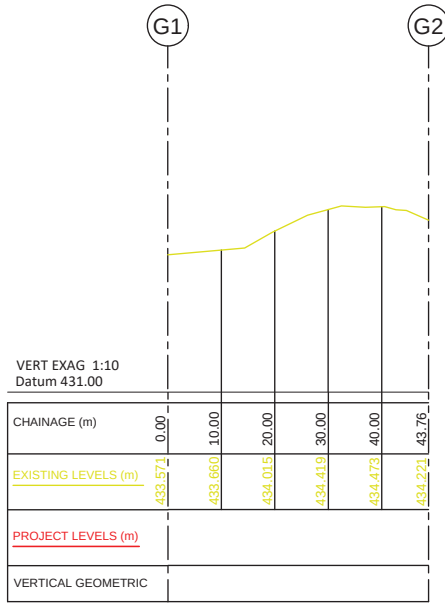
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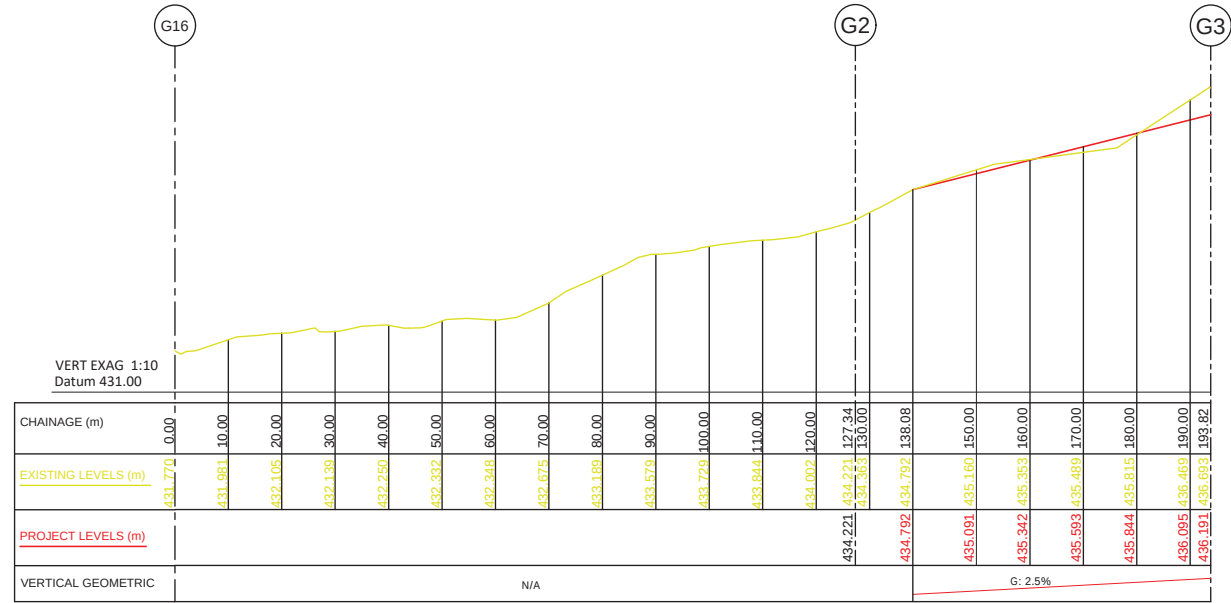
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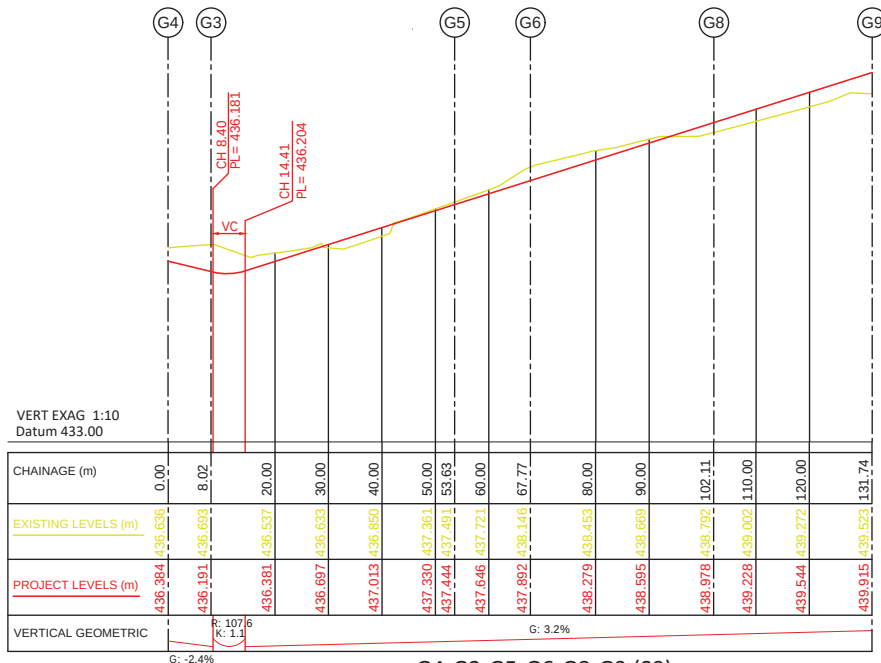
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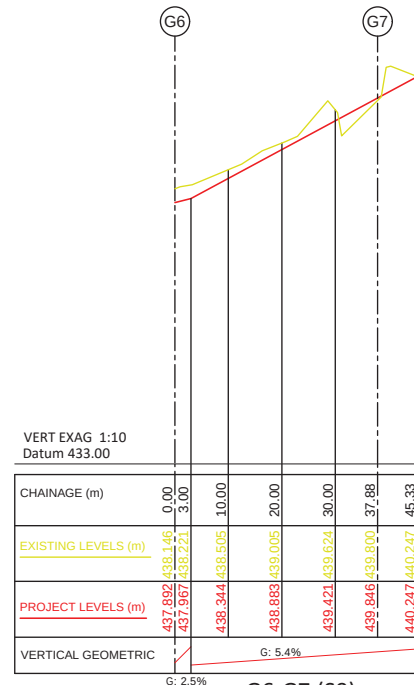
G1 - G2 (S9)



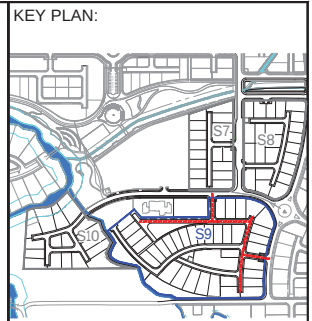
G16 - G2 - G3 (S9)



G4-G3-G5-G6-G8-G9 (S9)



G6-G7 (S9)



REMARKS:

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EIT
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PROJECT:

INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AURA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:

ROAD LONGITUDINAL FOR S9

DRAWING NUMBER:

SPDL/C2024/29/R/S9/LS/01

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CHECKED BY: ES

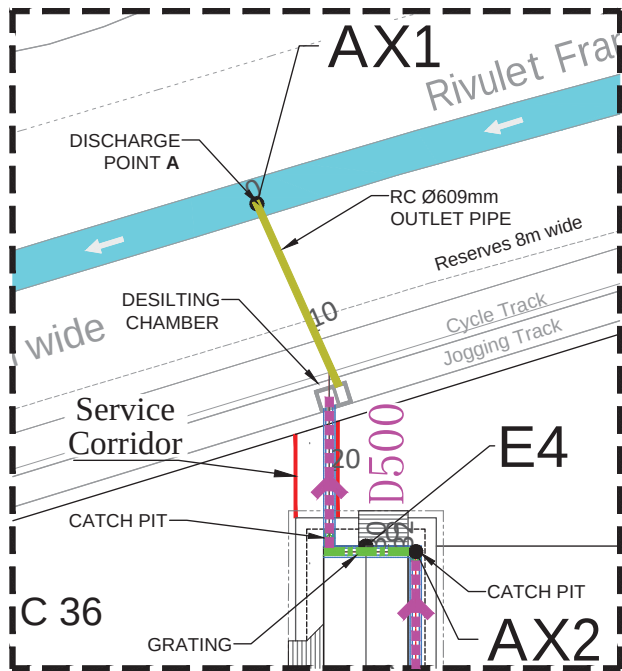
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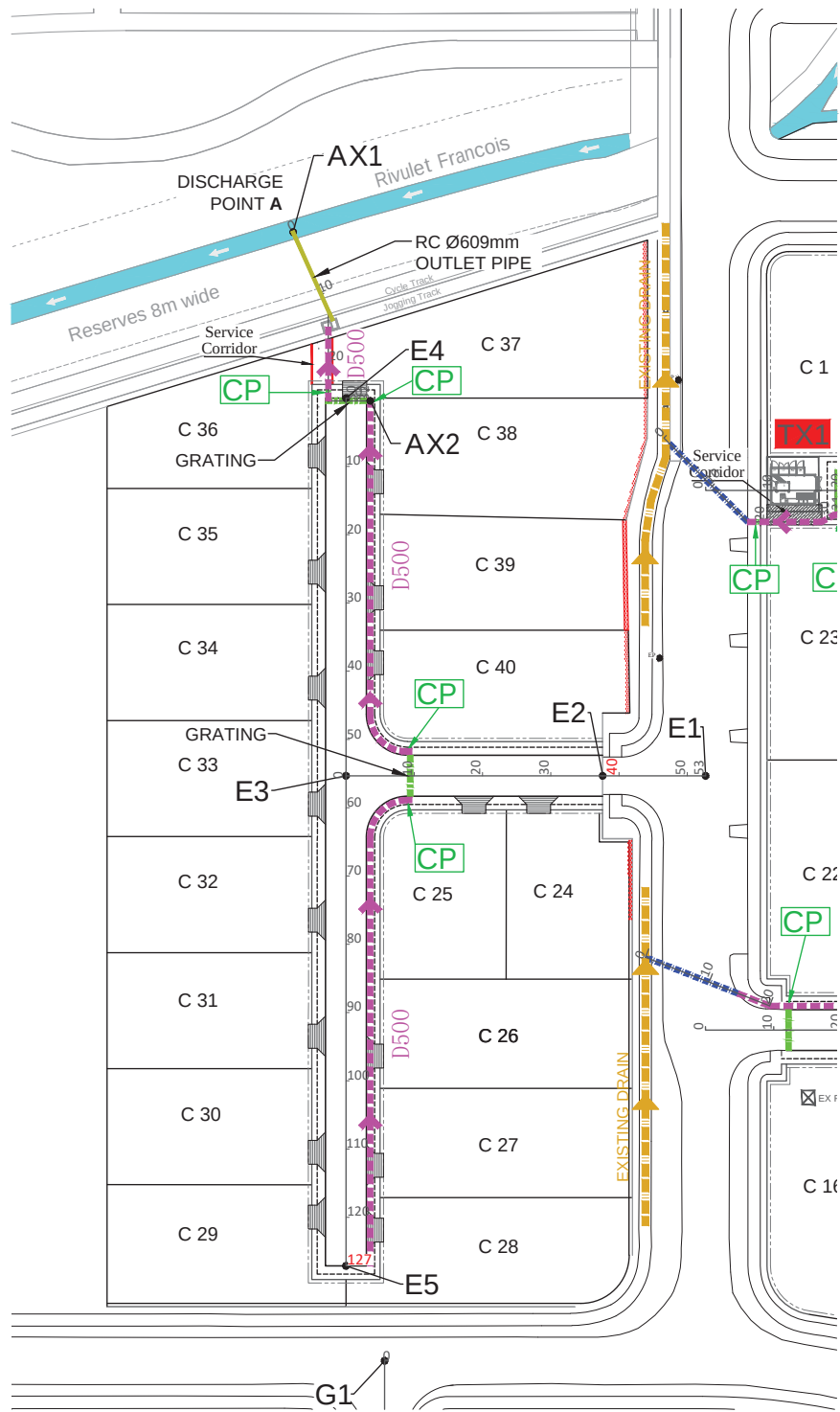
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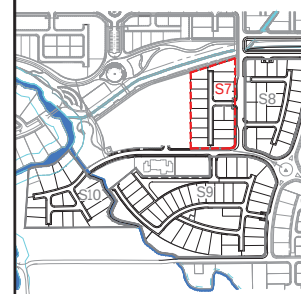
0 FIRST ISSUE 08.11.2024



DRAIN LAYOUT (S7)



KEY PLAN:



LEGENDS:

- ◆— DRAIN 500 x 500
- - -> DRAIN 700 x 700
- - - GRATING
- ||||| CROSS DRAIN (DS500)
- > EXISTING DRAIN
- CP CATCH PIT

CLIENT:



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PROJECT:

INFRASTRUCTURE WORKS TO SITES
 S7, S8, S9 & S10
 IN MORCELLEMENT AUREA
 LIVING HARMONY, COTE D'OR

DRAWING TITLE:

DRAIN LAYOUT (S7)

DRAWING NUMBER:

SPDL/C2024/29/D/S7/LAY/01

DRAWN BY:

KG

DESIGN BY:

DG

CHECKED BY:

ES

PAPER SIZE:

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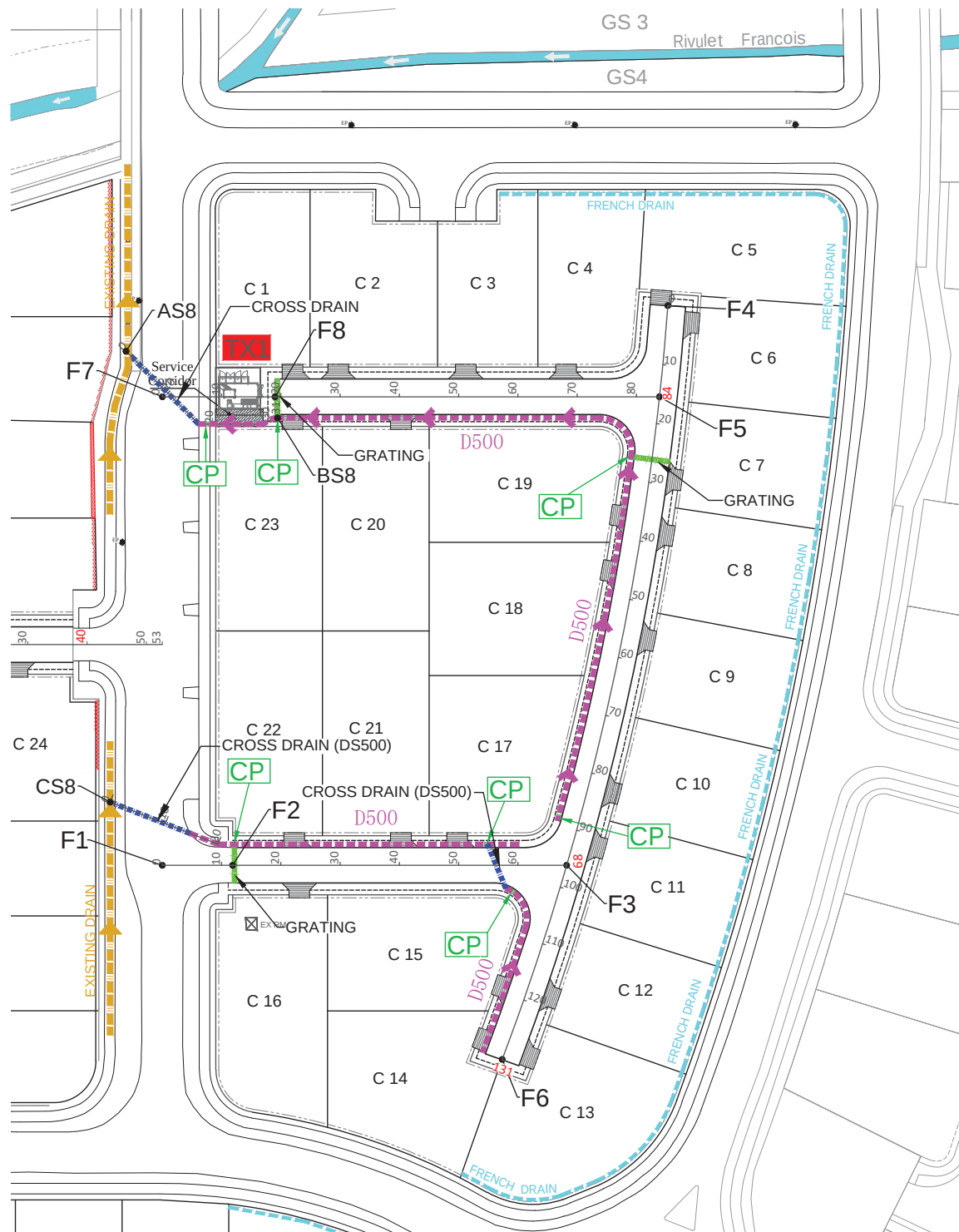
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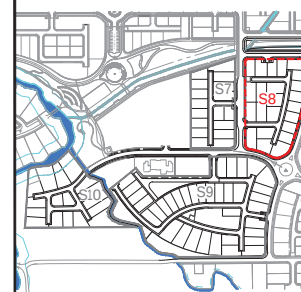
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0	FIRST ISSUE	08.11.2024

DRAIN LAYOUT (S8)



KEY PLAN:



LEGENDS:

- ▶ DRAIN 500 x 500
- ▶ DRAIN 700 x 700
- GRATING
- ▶ CROSS DRAIN (DS500)
- ▶ EXISTING DRAIN
- CP CATCH PIT

CLIENT:



CONSULTANT:



PROJECT:

INFRASTRUCTURE WORKS TO SITES
S7, S8, S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:

DRAIN LAYOUT (S8)

DRAWING NUMBER:

SPDL/C2024/29/D/S8/LAY/01

DRAWN BY:

KG

DESIGN BY:

DG

CHECKED BY:

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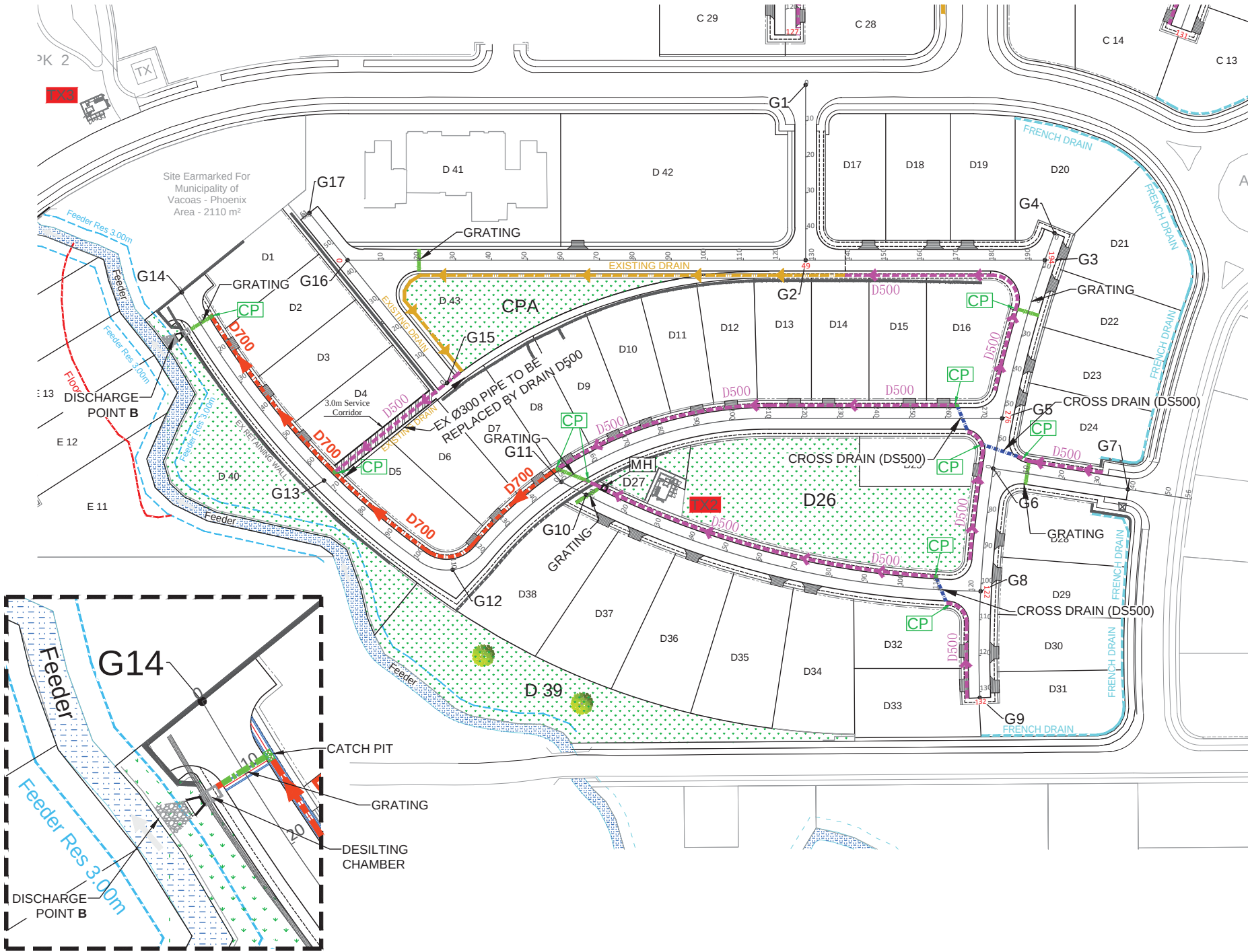
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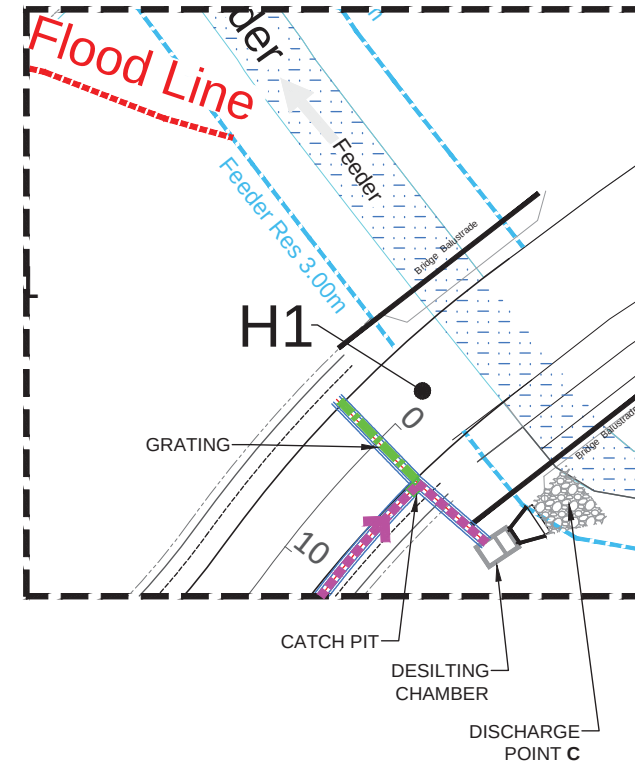
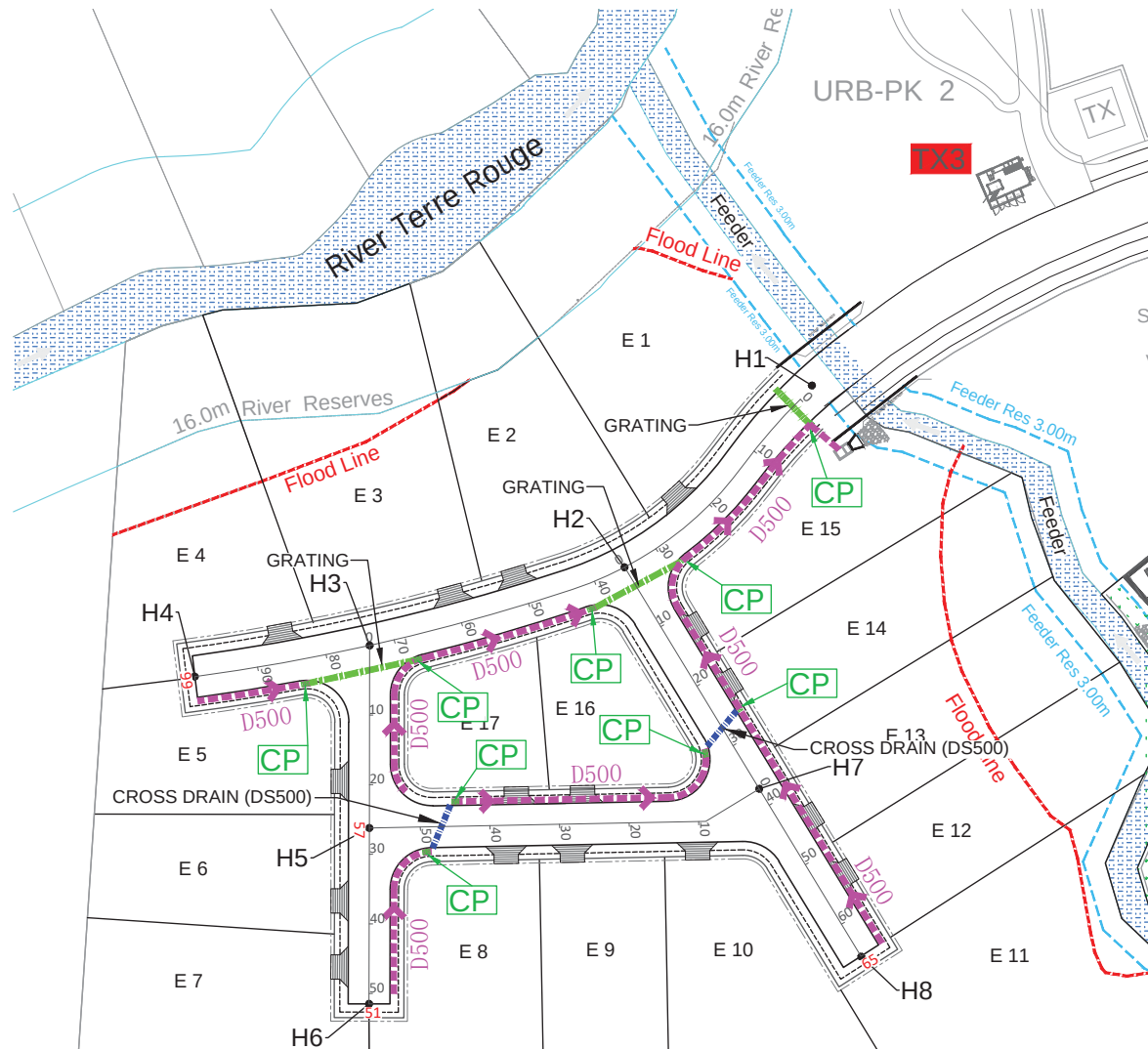
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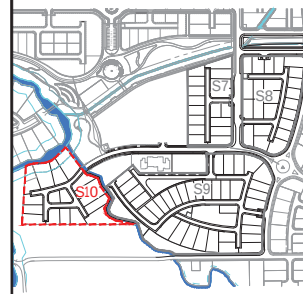
DRAIN LAYOUT (S9)



DRAIN LAYOUT (S10)



KEY PLAN:



LEGENDS:

-  DRAIN 500 x 500
-  DRAIN 700 x 700
-  GRATING
-  CROSS DRAIN (DS500)
-  EXISTING DRAIN
-  CATCH PIT

CLIENT:



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DRAWING TITLE:

DRAIN LAYOUT (S10)

DRAWING NUMBER:
SPDL/C2024/29/D/S10/LAY/01

DRAWN BY: KG

DESIGN BY: DG

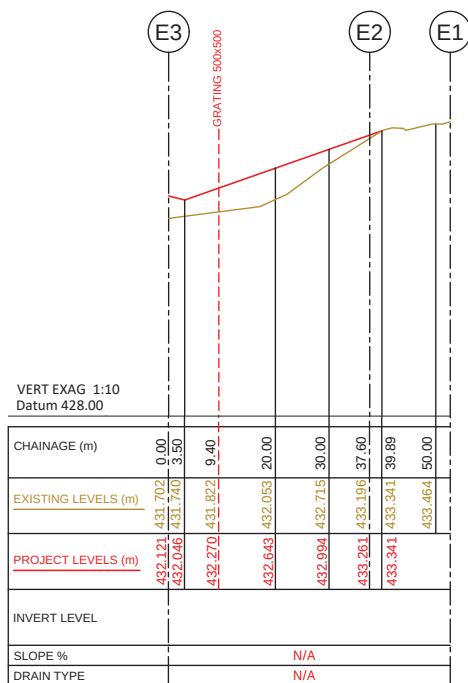
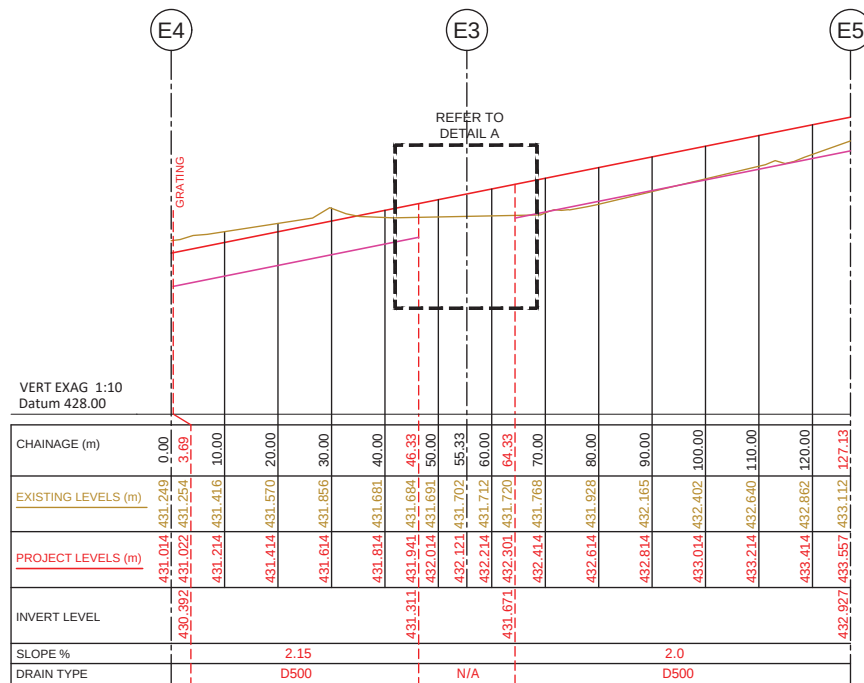
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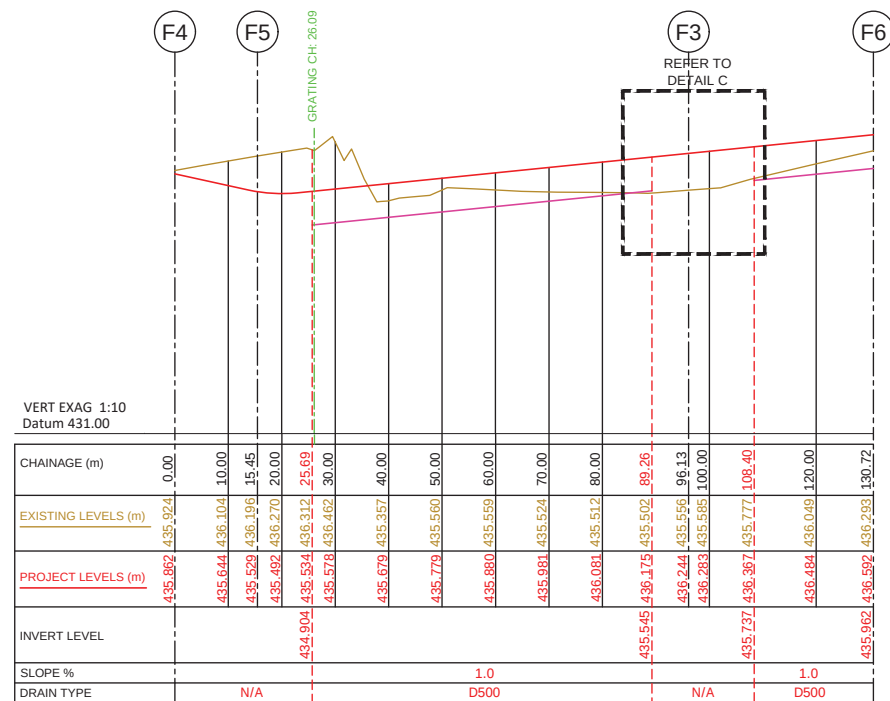
DATE : NOVEMBER 2024

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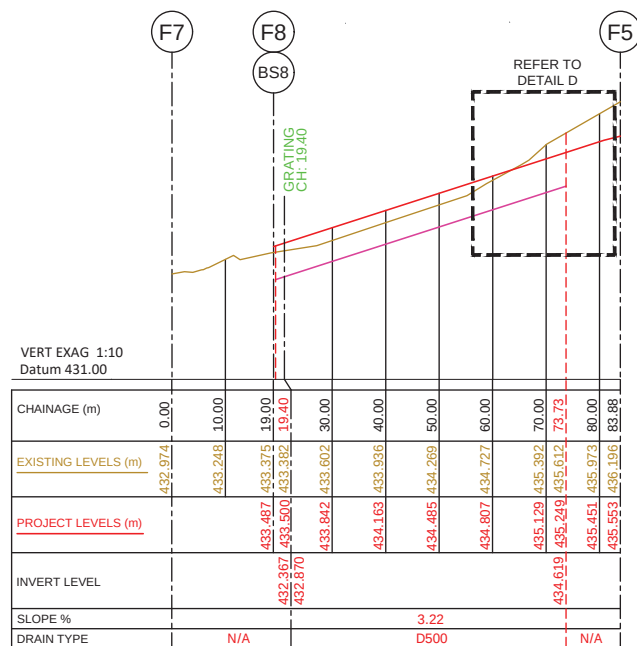


The diagram illustrates a cross-section of a drainage system. A green grate is shown at the top, with a 6.0 m width and 2.5 m offsets on either side. Below the grate is a manhole with a vertical depth of 4.32 m. The invert level of the manhole is 431.581. The pipe has a diameter of 1.2 m and a length of 3.55 m. The invert level of the pipe is 431.404. The ground level is 431.311. The total length of the pipe is 8.96 m. The invert level of the pipe at the other end is 431.671.

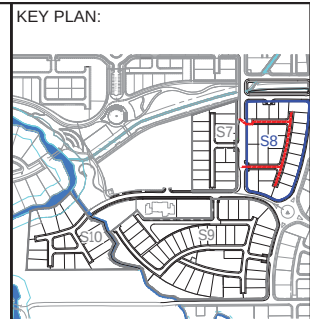
GRATING DETAILS AT NODE E3
(DETAIL A)



F4-F5-F3-F6 (S8)



F7-F8-F5 (S8)



REMARKS:

CLIENT:



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CONSULTANT:



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TFax: (230) 466-9691
E-mail: seenyen@intnet.mu

PROJECT:
INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:
DRAIN LONGITUDINAL FOR S8

DRAWING NUMBER:
SPDL/C2024/29/D/S8/LS/01

DRAWN BY: KG

DESIGN BY: DG

CHECKED BY : ES

PAPER SIZE : A3

SCALE= H1:1000 V1:100

DATE : NOVEMBER 2024

REV	DESCRIPTION	DATE
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0	FIRST ISSUE	08.11.2024
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CLIENT:



CONSULTANT:



PROJECT:
INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:
DRAIN LONGITUDINAL FOR S8

DRAWING NUMBER:
SPDL/C2024/29/D/S8/LS/02

DRAWN BY: KG

DESIGN BY: DG

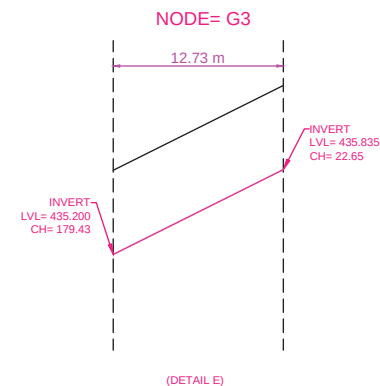
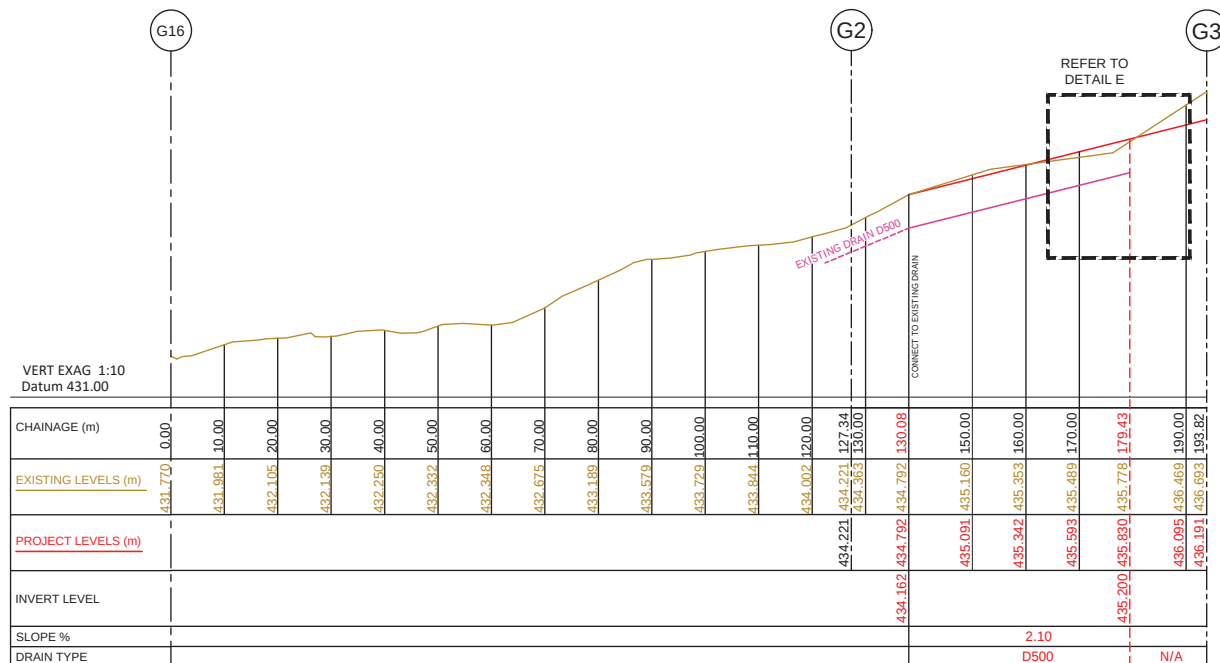
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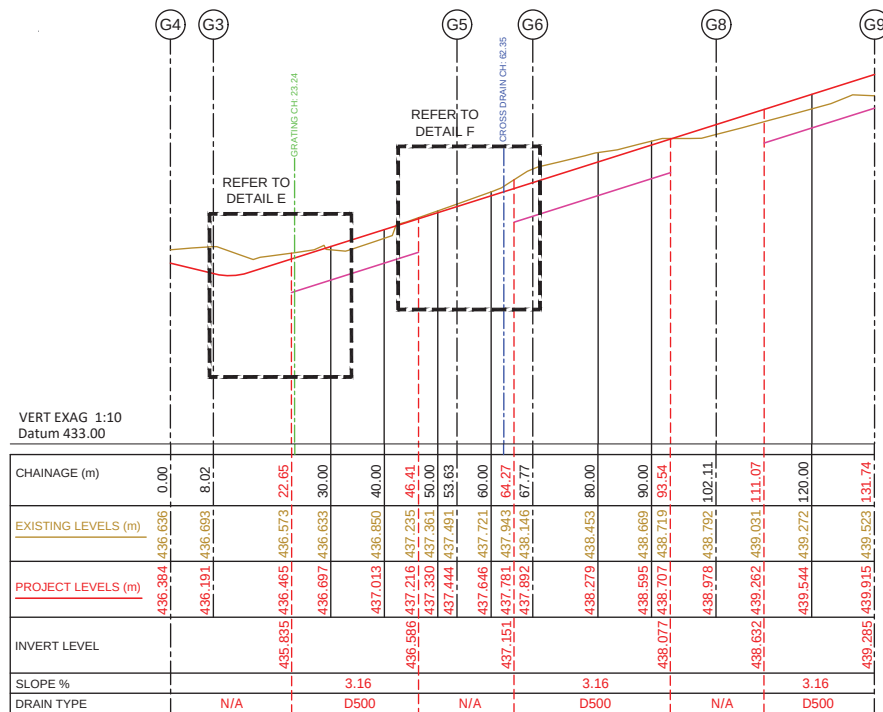
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DATE : NOVEMBER 2024

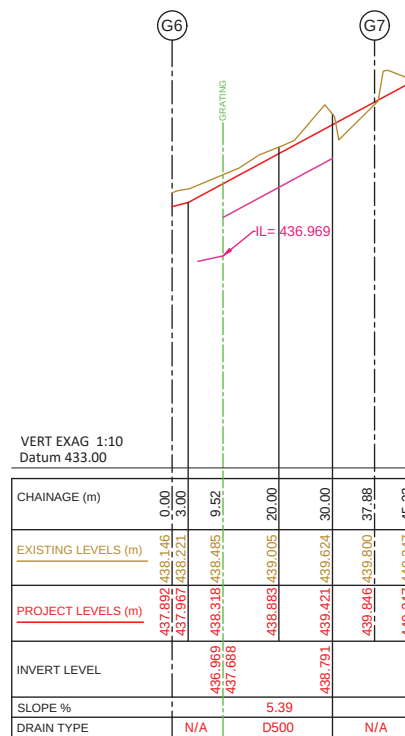
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G16 - G2 - G3 (S9)

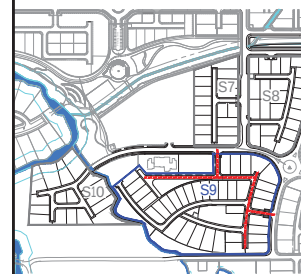


G4-G3-G5-G6-G8-G9 (S9)



G6-G7 (S9)

KEY PLAN:



REMARKS:

CLIENT:



CONSULTANT:



PROJECT:
INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:
DRAIN LONGITUDINAL FOR S9

DRAWING NUMBER:
SPDL/C2024/29/D/S9/LS/01

DRAWN BY: KG

DESIGN BY: DG

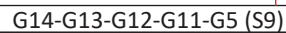
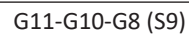
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DATE : NOVEMBER 2024

REV	DESCRIPTION	DATE
0	FIRST ISSUE	08.11.2024



CLIENT:



CONSULTANT:



PROJECT:

INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:

DRAIN LONGITUDINAL FOR S9

DRAWING NUMBER:

SPDL/C2024/29/D/S9/LS/02

DRAWN BY: KG

DESIGN BY: DG

CHECKED BY : ES

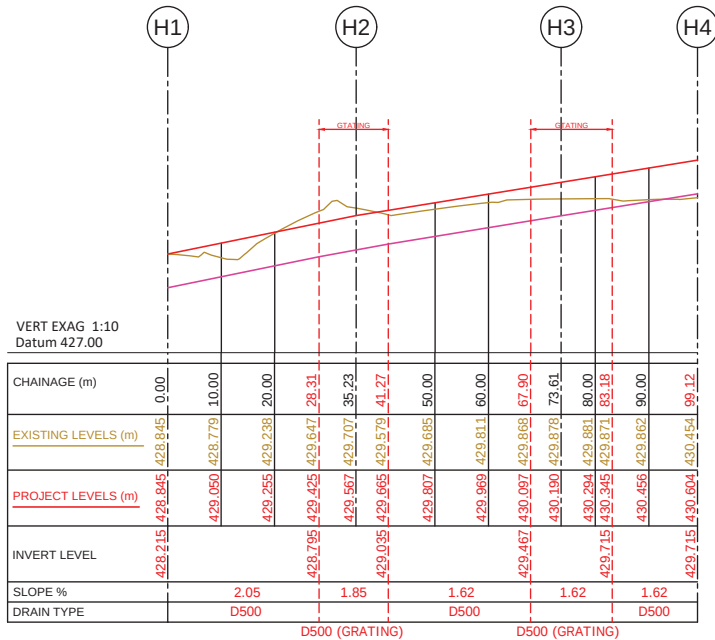
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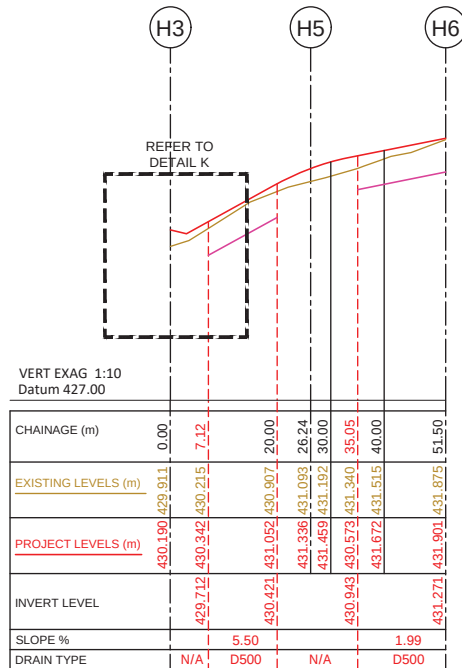
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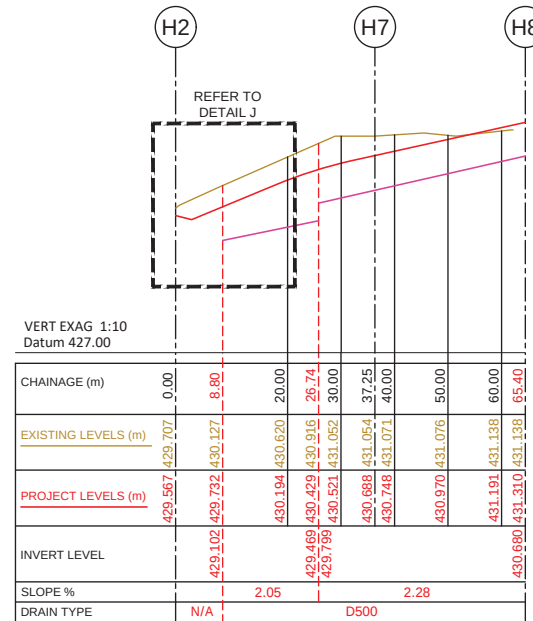
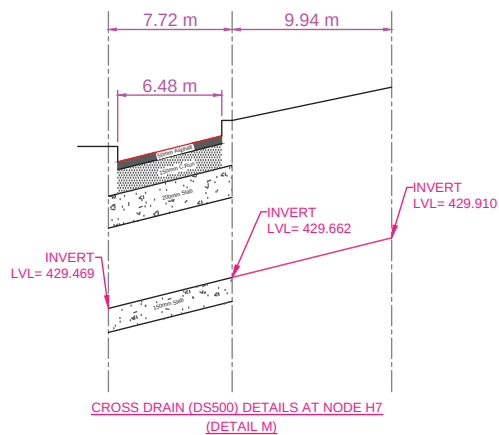
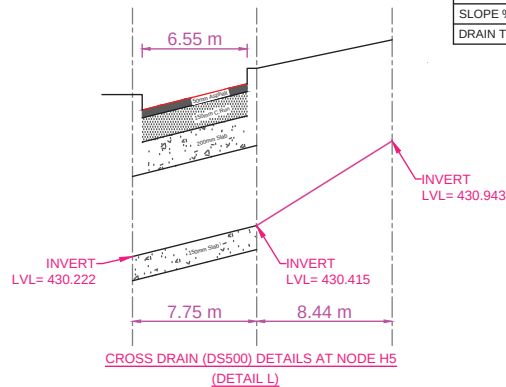
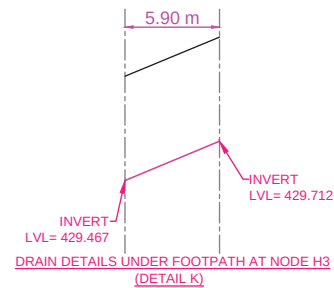
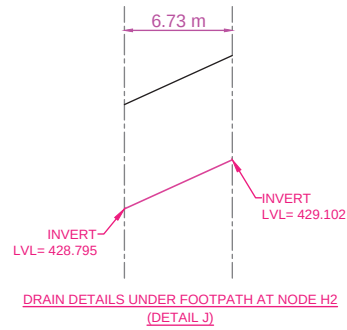
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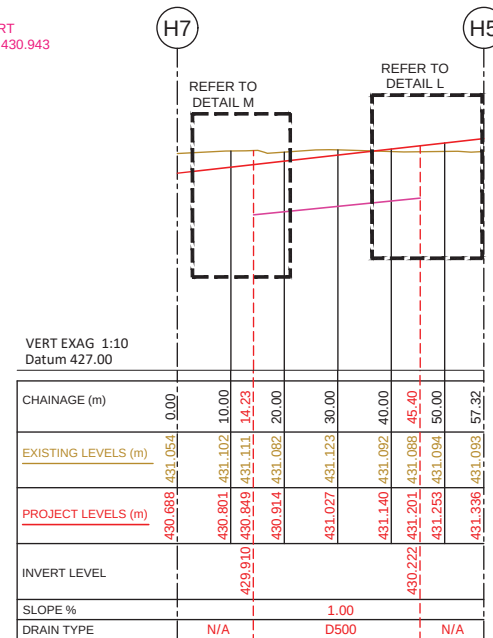
H1-H2-H3-H4



H3-H5-H6

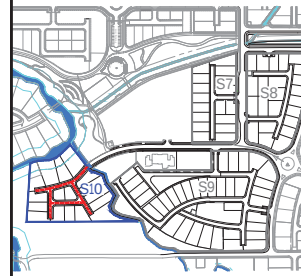


H2-H7-H8



H7-H5

KEY PLAN:



REMARKS:

CLIENT:



CONSULTANT:



PROJECT:
INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:
DRAIN LONGITUDINAL FOR S10

DRAWING NUMBER:
SPDL/C2024/29/D/S10/LS/01

DRAWN BY: KG

DESIGN BY: DG

CHECKED BY: ES

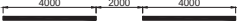
PAPER SIZE: A3

SCALE= H1:1000 V1:100

DATE : NOVEMBER 2024

REV	DESCRIPTION	DATE
0	FIRST ISSUE	08.11.2024

The site plan illustrates the proposed development layout. It features a central access road running vertically, flanked by a service corridor and an 8m wide reserve. The development is divided into several lots, including C 24, C 25, C 26, C 27, C 28, C 29, C 30, C 31, C 32, C 33, C 34, C 35, C 36, C 37, C 38, C 39, and C 40. A red 'TX' label is located near lot C 1. Red markers S1, S2, and S3 are placed at specific locations along the access road and service corridor. The plan also shows existing roads, a cycle track, and a jogging track. The Rivulet Francois is located to the north of the development.

L1		150mm No Overtaking Line.
L2		150mm Hazard Line.
L3		150mm Center Line.
L4		150mm No Overtaking Line + Permissive.
L5		150mm No Overtaking Line + Permissive.
L6		300mm Give Way Line.
L7		300mm STOP Line.
L8		200mm Edge Markings.
L9		200mm Lane Markings (Crawler lane , Acceleration and Deceleration lane)
L10		Zig Zag Line.

All stop signs S1 to be not more than 5.0m from STOP line



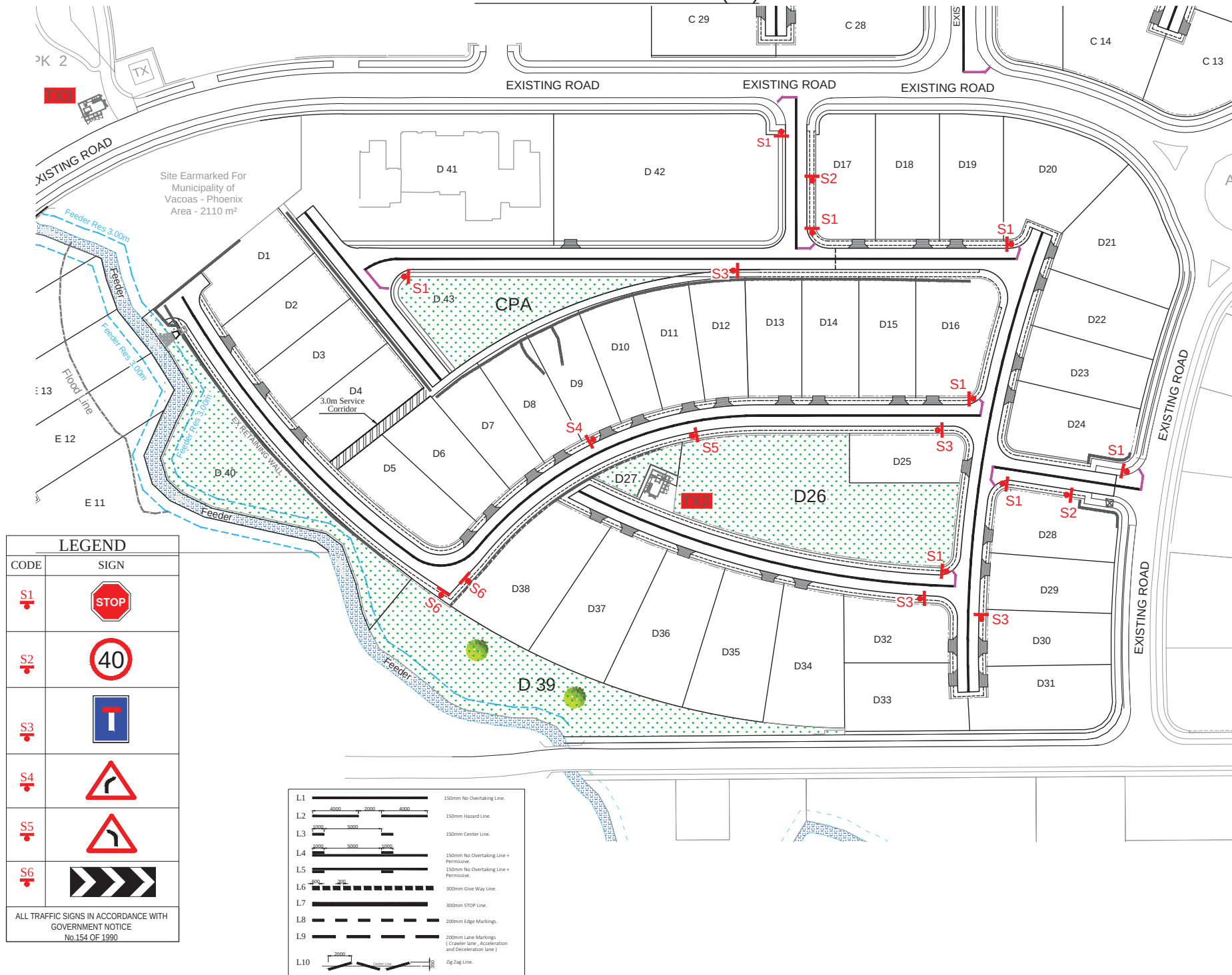
PROPERTY DEVELOPMENT LTD
Ground Floor NG Tower Cybercity,Ebene
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E-mail : sitrustrust@tntnet.mu


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E-mail: seenyen@intnet.mu

REV	DESCRIPTION	DATE
0	FIRST ISSUE	08.11.2024

[illegible]

ROAD MARKING LAYOUT (S9)



KEY PLAN:



LEGENDS:

All stop signs S1 to be not more than 5.0m from STOP line

CLIENT:



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E-mail: seenyen@intnet.mu

PROJECT:

INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:

ROAD MARKING LAYOUT (S9)

DRAWING NUMBER:

SPDL/C2024/29/RM/S9/LAY/01

DRAWN BY: KG

DESIGN BY: DG

CHECKED BY : ES

PAPER SIZE : A3

SCALE: 1 / 1000

DATE : NOVEMBER 2024

REV	DESCRIPTION	DATE
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0	FIRST ISSUE	08.11.2024
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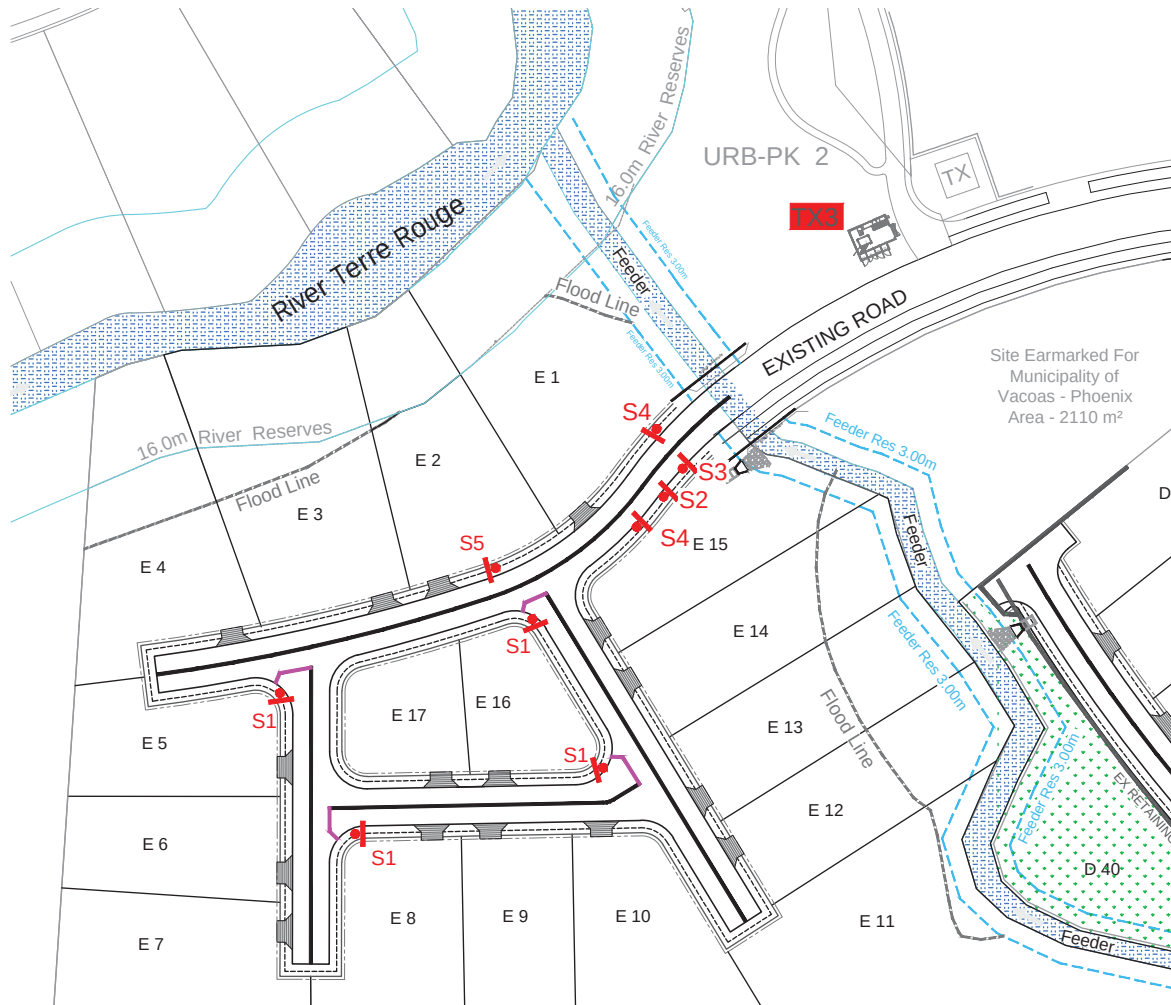
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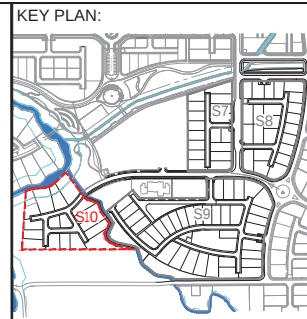
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ROAD MARKING LAYOUT (S10)



LEGEND	
CODE	SIGN
S1 	
S2 	
S3 	
S4 	
S5 	
S6 	
ALL TRAFFIC SIGNS IN ACCORDANCE WITH GOVERNMENT NOTICE No.154 OF 1990	

L.1		150mm No Overtaking Line.
L.2		150mm Hazard Line.
L.3		150mm Center Line.
L.4		150mm No Overtaking Line + Permissive.
L.5		150mm No Overtaking Line + Permissive.
L.6		300mm Give Way Line.
L.7		300mm STOP Line.
L.8		200mm Edge Markings.
L.9		200mm Lane Markings (Crawler lane , Acceleration and Deceleration lane)
L.10		Zig Zag Line.



LEGENDS:

All stop signs S1 to be not more than 5.0m from STOP line

CLIENT:



CONSULTANT:



PROJECT:
INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:
ROAD MARKING LAYOUT (S10)

DRAWING NUMBER: SPDL/C2024/29/RM/S10/LAY/01
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DRAWN BY: KG

DESIGN BY: DG

CHECKED BY : ES

PAPER SIZE : A3

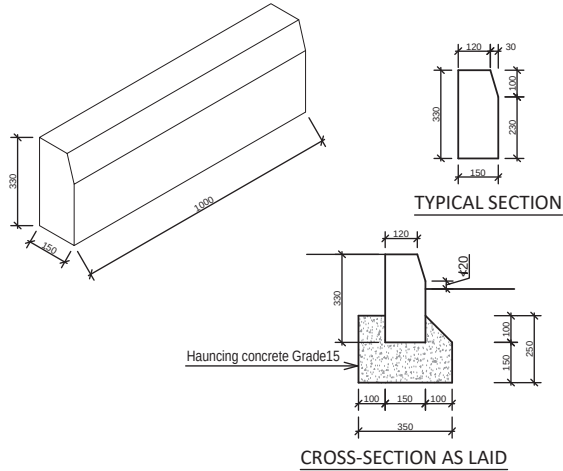
SCALE: 1 / 1000

DATE : NOVEMBER 2024

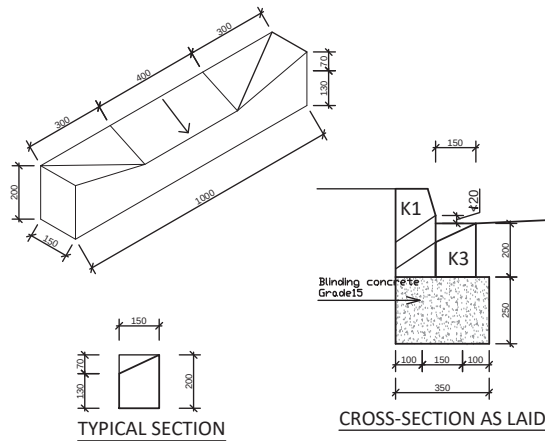
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ROAD KERB DETAILS

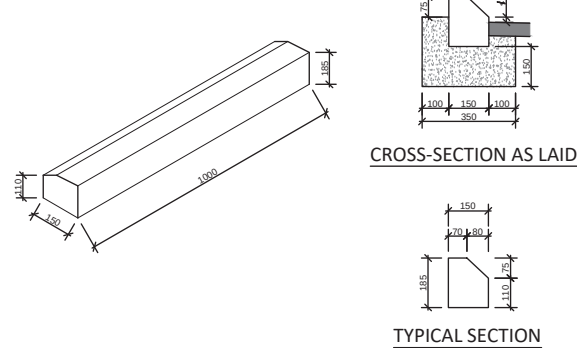
TYPE K1



TYPE K3

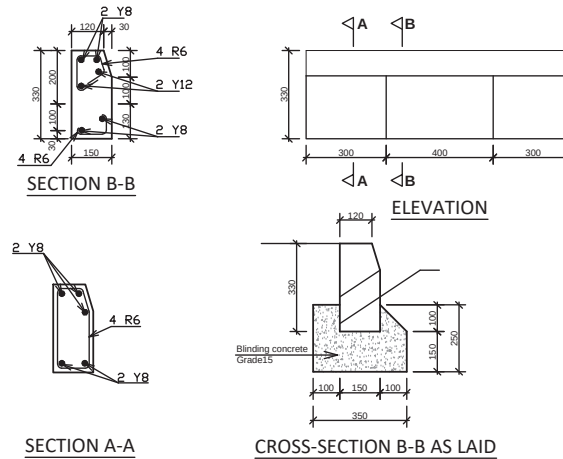


TYPE K4

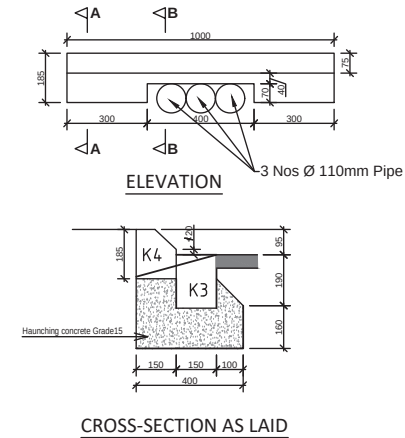


TYPE K1 (with gully)

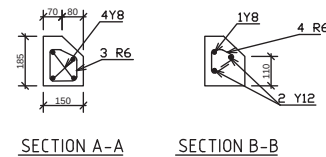
REINFORCEMENT DETAIL



TYPE K4 (with gully)



REINFORCEMENT DETAIL



KEY PLAN:

REMARKS:



SIT PROPERTY DEVELOPMENT LTD
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TFax: (230) 466-9691
E-mail: seenyen@intnet.mu

PROJECT:

INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:

ROAD KERB DETAILS

DRAWING NUMBER:
SPDL/C2024/29/R/TD/01

DRAWN BY: KG

DESIGN BY: DG

CHECKED BY : ES

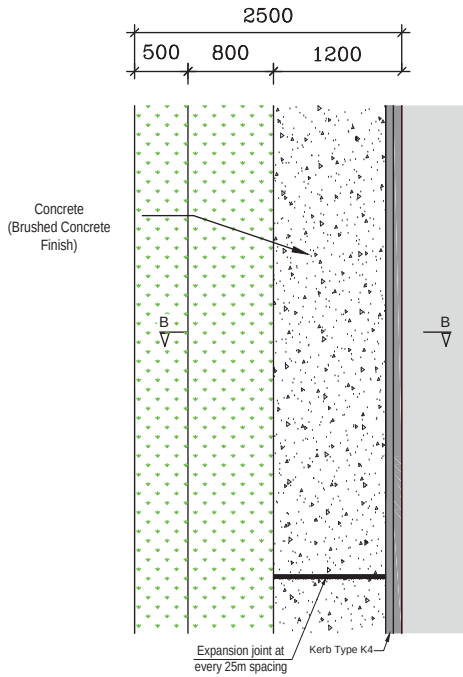
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SCALE : NTS

DATE : NOVEMBER 2024

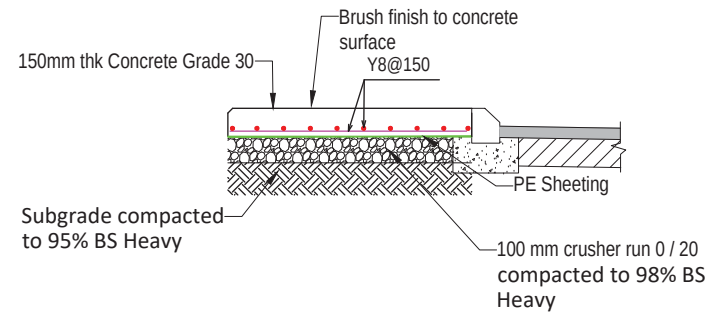
[illegible]

KEY PLAN:



TYPICAL PLAN VIEW OF FOOTPATH

TYPICAL PLAN VIEW OF PLOT ENTRANCE



SECTION B-B
FOOTPATH DETAILS

REMARKS:



SIT PROPERTY DEVELOPMENT LTD
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TFax: (230) 466-9691
E-mail: seenyen@intnet.mu

PROJECT:
INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:
PLOT ACCESS AND
FOOTPATH DETAILS

DRAWING NUMBER:
SPDL/C2024/29/R/TD/02

DRAWN BY: KG

DESIGN BY: DG

CHECKED BY : ES

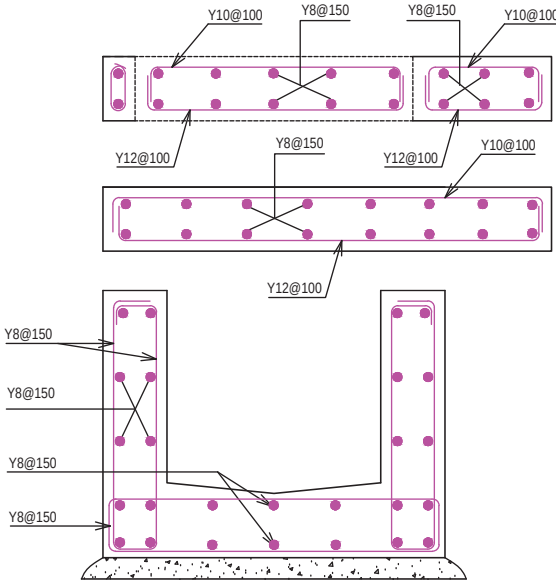
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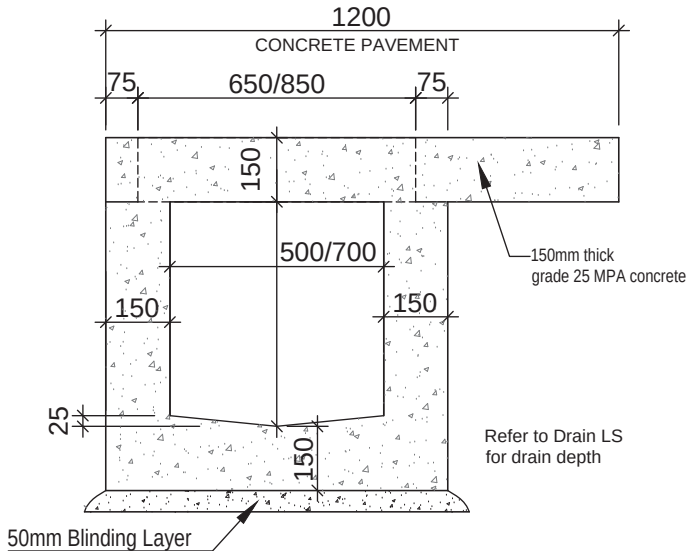
DATE : NOVEMBER 2024

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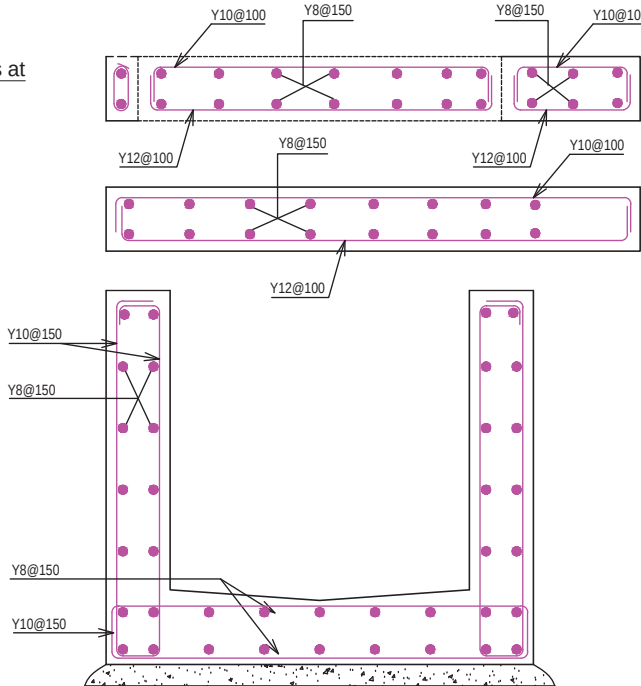
DRAIN D500 / D700 DETAILS



REINFORCEMENT DETAILS FOR DRAIN D500



Reinforcement details at opening position



REINFORCEMENT DETAILS FOR DRAIN D700

Reinforcement details at opening position

KEY PLAN:

REMARKS:



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Ground Floor NG Tower Cybercity Ebene
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E-mail : sitrust@intnet.mu
696 4118

Fax: 696 4118

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TFax: (230) 466-9691
E-mail: seenyen@intnet.mu

PROJECT:

INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:

DRAIN D500 AND D700 DETAILS

DRAWING NU

SPDL/C2024/29/R/TD/03

DRAWN BY: KG

DESIGN BY: DG

CHECKED BY : ES

PAPER SIZE : A3

SCALE : NTS

DATE : NOVEMBER 2024

[illegible]

Plan View

Armor Type grating or equivalent
BS EN 124 DI class D 400
Contractor to submit proposal
for approval

A

Bolts

The diagram shows a top-down view of a drainage grate assembly. A central rectangular area is filled with a grid pattern representing the grating. This central area is bordered by a solid line, which is further enclosed by a thicker outer border. On the right side, two vertical lines represent bolts securing the assembly. Section lines 'A' are indicated at the top and bottom right corners with arrows pointing to the right. A leader line points from the text 'Armor Type grating or equivalent BS EN 124 DI class D 400 Contractor to submit proposal for approval' to the grating area. Another leader line points from the text 'Bolts' to the bolt details on the right.

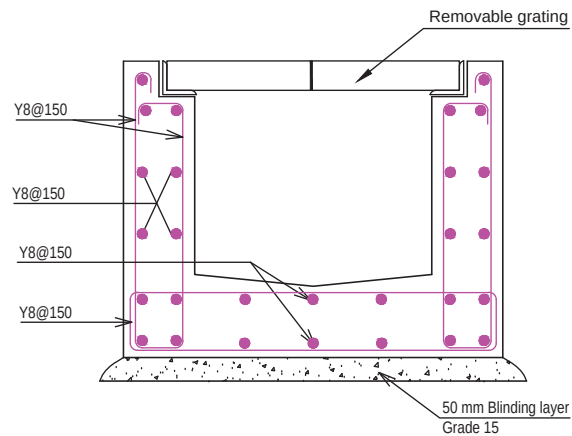
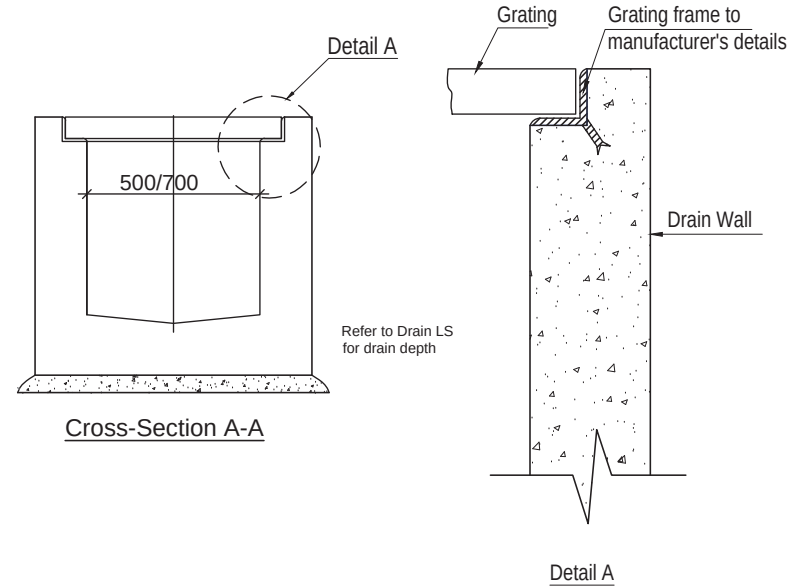


Diagram illustrating the reinforcement layout for a rectangular slab. The slab is shown with a central opening. The reinforcement is specified as follows:

- Top Reinforcement:** Y10@150 (Yield strength 10, spacing 150 mm).
- Bottom Reinforcement:** Y8@150 (Yield strength 8, spacing 150 mm).
- Side Reinforcement:** Y10@150 (Yield strength 10, spacing 150 mm).
- Reinforcement Detail:** A detail view shows the intersection of the top and bottom reinforcement bars, with a note indicating that the top bar is bent up to provide bottom reinforcement.
- Removable Grating:** A section of the slab is labeled "Removable grating", indicating a feature for access or ventilation.

REINFORCEMENT DETAILS FOR DRAIN D700

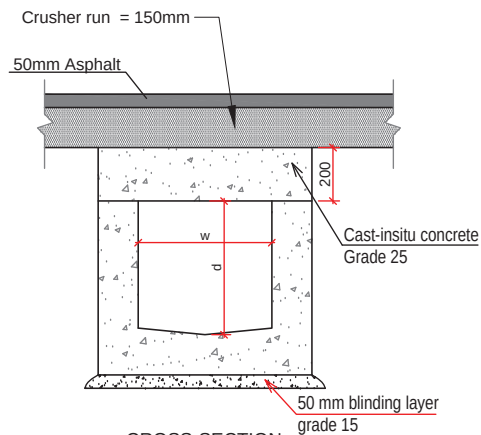
[illegible]

Figure 10.10 illustrates two typical cross-sections of a drainage ditch, labeled A-A and B-B.

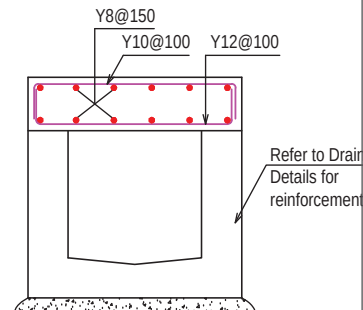
Section A-A: This cross-section shows a drainage ditch with a depth of drain = d . The width of the ditch varies. It features two precast slab openings. The ditch is filled with a crusher run of 150mm. The base is a compacted soil as per specifications.

Section B-B: This cross-section shows a drainage ditch with a depth of drain $> d$. The width of the ditch varies. It features two precast slab openings. The ditch is filled with a 50mm Asphalt layer, a Cast in-situ Slab 200 mm thick, and a Blinding Layer grade 15. The base is a compacted soil as per specifications.

Cross Drain Under Road



SECTION B-B



SLAB REINFORCEMENT DETAILS

Concrete In-Situ
Concrete Slab

2 Nos 500 mm
wide Precast slab.

Bolts

10 mm thick Polystyrene or
other approved compressible
material.

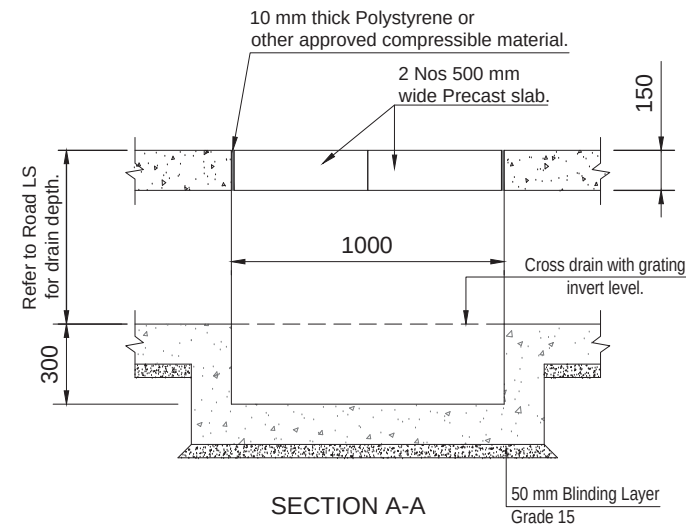
Expansion joint at
every 25m spacing

Concrete Pavement

A

500

A

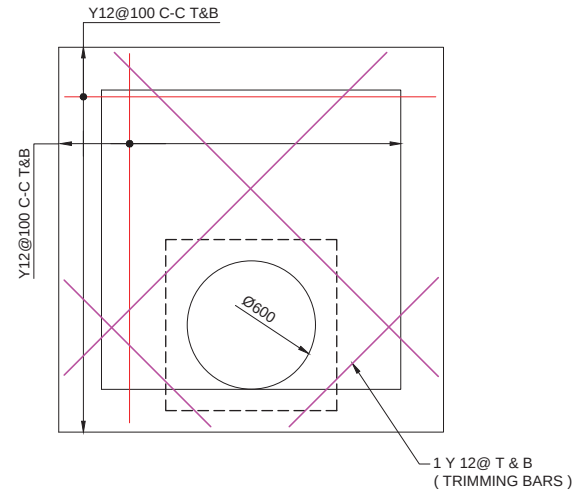


SECTION A-A

DESCRIPTION	DATE
FIRST ISSUE	08.11.2024

DESCRIPTION	DATE
FIRST ISSUE	08.11.2024

KEY PLAN:



REINFORCEMENT DETAIL

1 Y 12@ T & B
(TRIMMING BARS)



REMARKS:



PROJECT:
INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:

CONCRETE MANHOLE DETAILS

DRAWING NUMBER:
SPDL/C2024/29/R/TD/06

DRAWN BY: KG

DESIGN BY: DG

CHECKED BY : ES

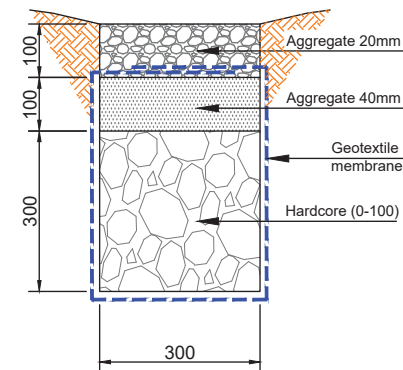
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SCALE : NTS

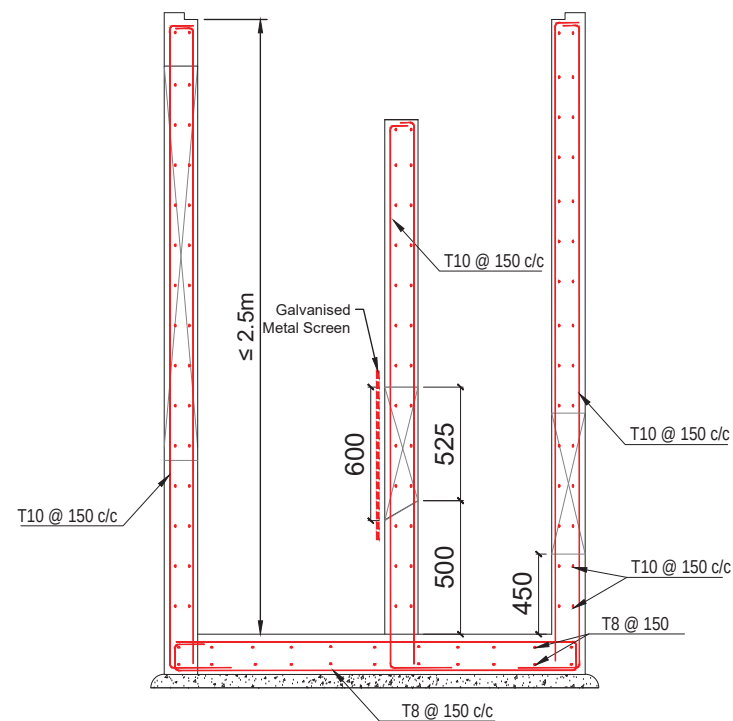
DATE : NOVEMBER 2024

[illegible]

Diagram illustrating the Plan View of a manhole assembly. The assembly is shown within a rectangular frame with overall dimensions of 2000mm (width) by 2000mm (height). The frame is divided into sections with dimensions: 200mm, 1200mm, 150mm, 600mm, and 200mm. The height is divided into 200mm, 1200mm, and 200mm sections. The assembly includes a Lockable, Hinged D.I Heavy duty manhole cover Class D400 (Double Seal Type, Ø600mm and to BS EN124). A Galvanised Metal Screen is also indicated. The diagram shows the cover and screen in the closed position, with arrows indicating the flow direction (left to right).



FRENCH DRAIN DETAILS



Reinforcement Details

REMARKS:



SIT PROPERTY DEVELOPMENT LTD
Ground Floor NG Tower Cybercity Ebene
Tel : 406 4747 , Fax : 466 6566
E-mail : sitrust@intoet.mu

CONSULTANT:



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Tel: (230) 465-4046, 466-9691
TFax: (230) 466-9691
E-mail: seenvyen@intnet.mu

PROJECT:
INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:

DESILTING CHAMBER DETAILS

DRAWING NUMBER:
SPDL/C2024/29/R/TD/07

DRAWN BY: KG

DESIGN BY: DG

CHECKED BY : ES

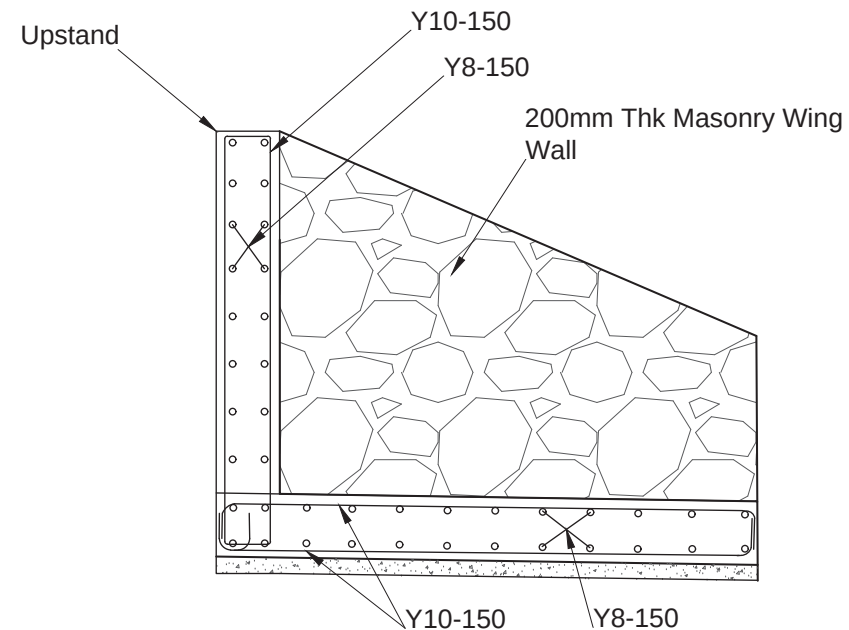
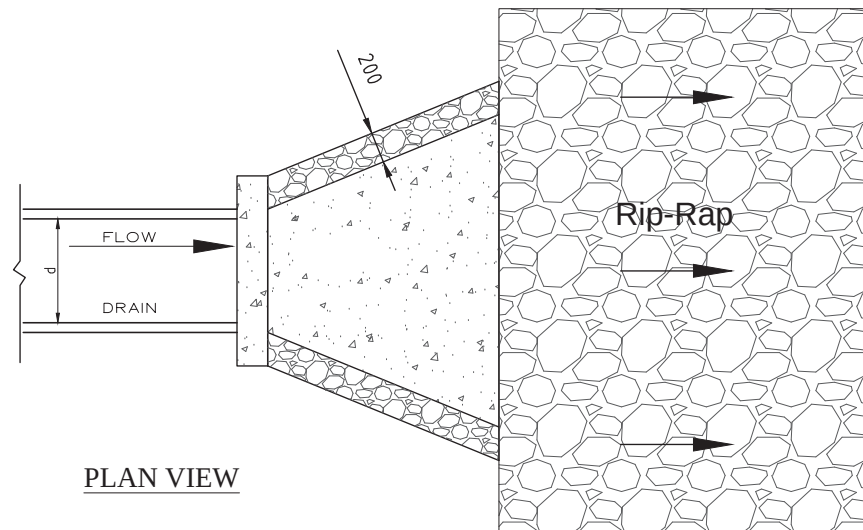
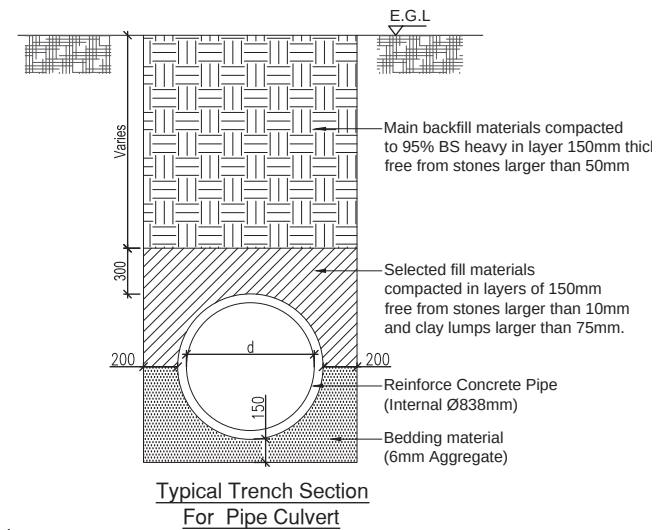
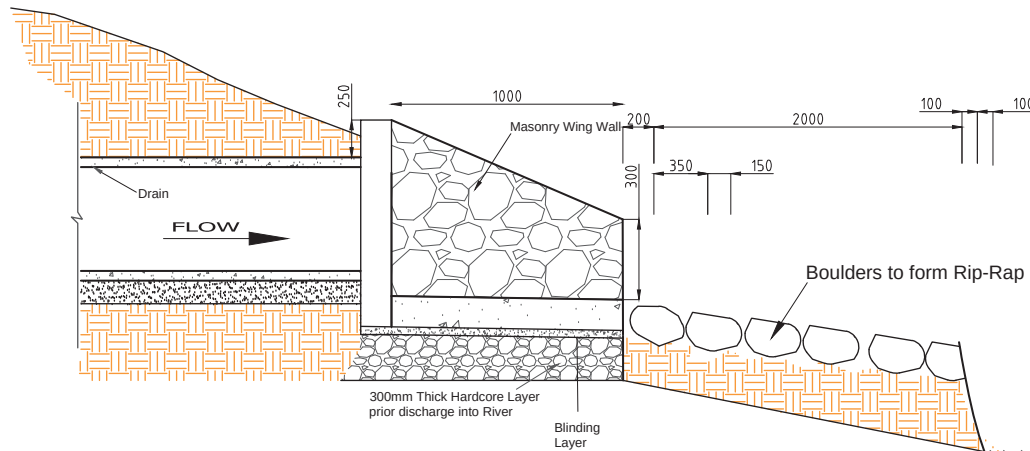
PAPER SIZE : A3

SCALE : NTS

DATE : NOVEMBER 2024

[illegible]

OUTLET STRUCTURE AND PIPE CULVERT DETAILS



KEY PLAN:	
REMARKS:	
 SIT PROPERTY DEVELOPMENT LTD Ground Floor JNG Tower Cybercity, Ebene Tel : 406 4747 - Fax : 466 6566 E-mail : sitnet@sitnet.mu	
CONSULTANT:	
 3, Thélémaque Street, Rose Hill, Mauritius Tel: (230) 465-4046, 466-9691 TFax: (230) 466-9691 E-mail: seenyen@intnet.mu	
PROJECT:	
INFRASTRUCTURE WORKS TO SITES S7, S8, S9 & S10 IN MORCELLEMENT AUREA LIVING HARMONY, COTE D'OR	
DRAWING TITLE:	
OUTLET STRUCTURE AND PIPE CULVERT DETAILS	
DRAWING NUMBER:	
SPDL/C2024/29/R/TD/08	
DRAWN BY: KG	
DESIGN BY: DG	
CHECKED BY: ES	
PAPER SIZE : A3	
SCALE : NTS	
DATE : NOVEMBER 2024	
DESCRIPTION	DATE
FIRST ISSUE	08.11.2024

INFORMATORY SIGNS

FRONT VIEW

Sign to be bolted to posts at a max. spacing of 900mm.

150mm MAX.

150mm MAX.

VARIES MAX. 375mm 600 MAX. 375mm MAX. 375mm

Sign plate to be secured by 6mm dia. stud bolts and fastened by 2mm thick U cleat to the 80mm dia. G.I. pipe post. Stud bolt tips to be flattened and spot welded

REAR VIEW

Edge of Shoulder

VARIES 800mm to 2000mm

300 600 750

200mm long 12mm dia. dowel bar welded to G.I. pipe posts

1800

SIDE VIEW

Top of post to be capped

45°

One tracing 50mm dia. G.I. to each Post

80mm dia. G.I. pipe with wall thickness 4.05mm

450mm x 450mm x 450mm deep

750 450 300 600 450

FRONT VIEW (Grid)

1950 150 150 1600

375 600 600 375

SIDE VIEW (Grid)

2440 320 600 600 320 1600

Technical drawings of Arrow Panel Details:

- Front View (Left):** Shows a triangular panel with a base of 600mm and a height of 2100mm. The panel is divided into three horizontal sections, each 150mm high. The top section is 25mm wide at the apex. The panel is fixed to a plate by rivets at 150mm c/c. A 500mm x 500mm x 500mm deep base is shown at the bottom.
- Side View (Right):** Shows the panel's profile, which is circular with a diameter of 600mm. The panel is divided into three horizontal sections, each 150mm high. The top section is 25mm wide at the apex. The panel is fixed to a plate by rivets at 150mm c/c.
- Top View (Bottom):** Shows the panel's footprint, which is a rectangle with a width of 700mm and a height of 400mm. The panel is divided into three horizontal sections, each 150mm high. The top section is 25mm wide at the apex. The panel is fixed to a plate by rivets at 150mm c/c.

1. Galvanised steel pipe nominal size Ø80mm for all types of informatory signs.
Number of post varies according to size of sign. Wall thickness of post shall be 4.05 mm or nearest size. Spacing between two posts shall not exceed 600 mm.
2. Where posts are of different length, footing to be stepped at point midway between posts to give 300mm cover of soil at posts.
3. For a single post the size of foundation will be 0.9m X 0.6m X 0.45m.
4. For double posts, the size of the foundation will be 1.8m X 0.6m X 0.45m.
5. For triple and quadruple posts, the size of the foundation will be 2.7m X 0.6m X 0.45m.
6. Galvanised steel pipe nominal size Ø60mm for all prohibitory, warning, mandatory and priority signs. Wall thickness of post shall be 4.05 mm or nearest size.
7. The size of foundation for prohibitory, warning, mandatory and priority sign will be 0.50m X 0.50m X 0.50m.
8. The bottom edge of prohibitory, warning, mandatory and priority sign should not be less than 2.1m above the surface of road or footpath.
9. Location and setting out details shall be to the requirements of TMRSU.
10. Contractor shall submit to the Engineer fabrication drawings for review and approval.
11. Footing to be Grade 30 concrete.
12. Foundation at posts to be designed for wind speed of 300 km/hr
13. The retroreflective sign sheeting to be used on all traffic signs should be of Diamond Grade Type XI.
14. Glass Reinforced Plastic (GRP) should be used as Backing Board.

REMARKS:



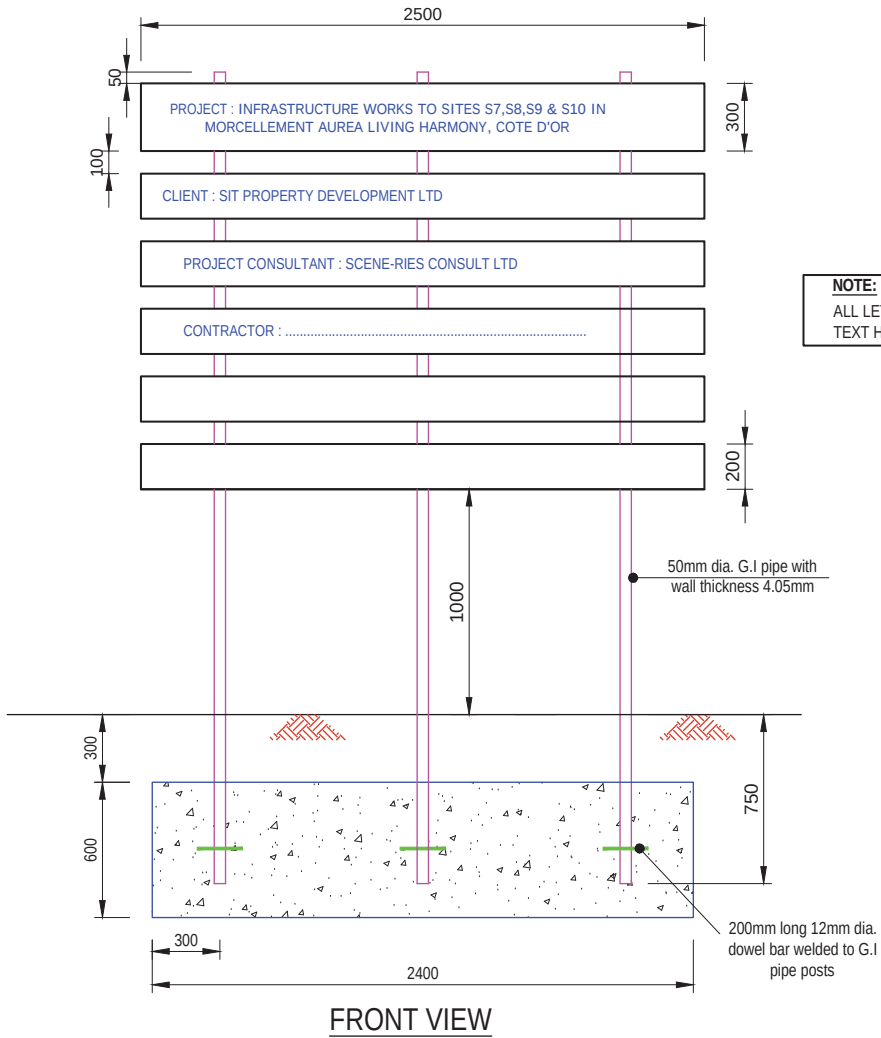
 **Scene-Ries Consult Ltd.**
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TFax: (230) 466-9691
E-mail: seenyen@intnet.mu

DRAWING TITLE:
FOUNDATION AND BRACING
DETAILS TO SIGN POSTS

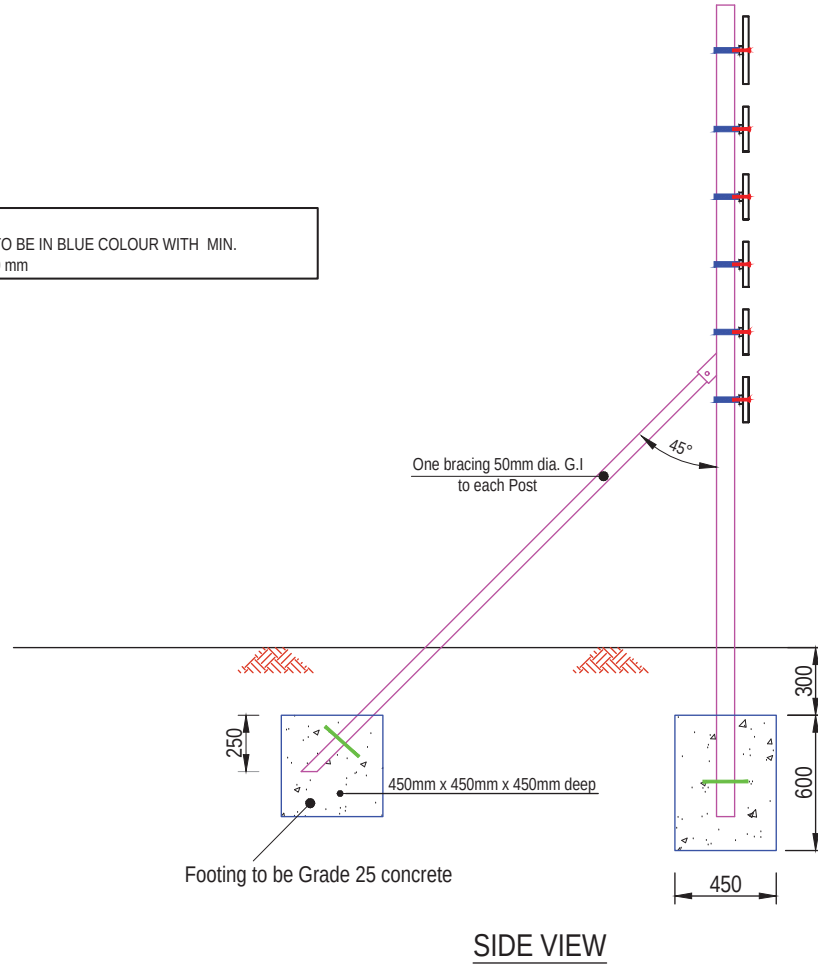
DATE : NOV 2024

[illegible]

PROJECT IDENTIFICATION SIGNBOARD



ALL LETTERING TO BE IN BLUE COLOUR WITH MIN.
TEXT HEIGHT 100 mm



KEY PLAN:

REMARKS:



SIT PROPERTY DEVELOPMENT LTD
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PROJECT:
INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:
PROJECT IDENTIFICATION
SIGNBOARD DETAILS

DRAWING NUMBER:
SPDL/C2024/29/R/TD/10

DRAWN BY: KG

DESIGN BY: DG

CHECKED BY : ES

PAPER SIZE : A3

SCALE : NTS

DATE : NOV 2024

DESCRIPTION

FIRST ISSUE

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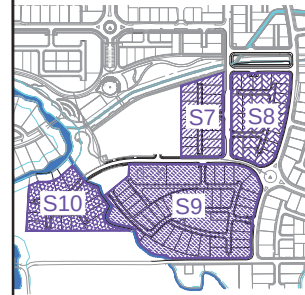
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WATER WORKS

WATER LAYOUT (GENERAL)



KEY PLAN:



LEGENDS:

- WATER PIPE
PE Ø90mm
- WATER PIPE
PE Ø110mm
- END CAP
- + GATE VALVE
- + DOUBLE ORIFICE
AIR VALVE
- ↑ DRAIN VALVE
- + FIRE HYDRANT

CLIENT:



CONSULTANT:



PROJECT:

INFRASTRUCTURE WORKS TO SITES
S7, S8, S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:

WATER LAYOUT (GENERAL)

DRAWING NUMBER:

SPDL/C2019/29/W/S7-S10/LAY/01

DRAWN BY:

KG

DESIGN BY:

DG

CHECKED BY:

ES

PAPER SIZE:

A3

SCALE:

N.T.S

DATE:

NOVEMBER 2024

REV	DESCRIPTION	DATE
0	FIRST ISSUE	08.11.2024

[illegible]

LEGENDS:	
	WATER PIPE PE Ø90mm
	WATER PIPE PE Ø110mm
	END CAP
	GATE VALVE
	DOUBLE ORIFICE AIR VALVE
	DRAIN VALVE
	FIRE HYDRANT

CLIENT:



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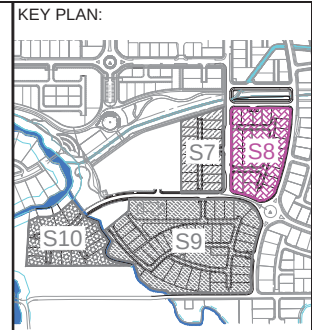
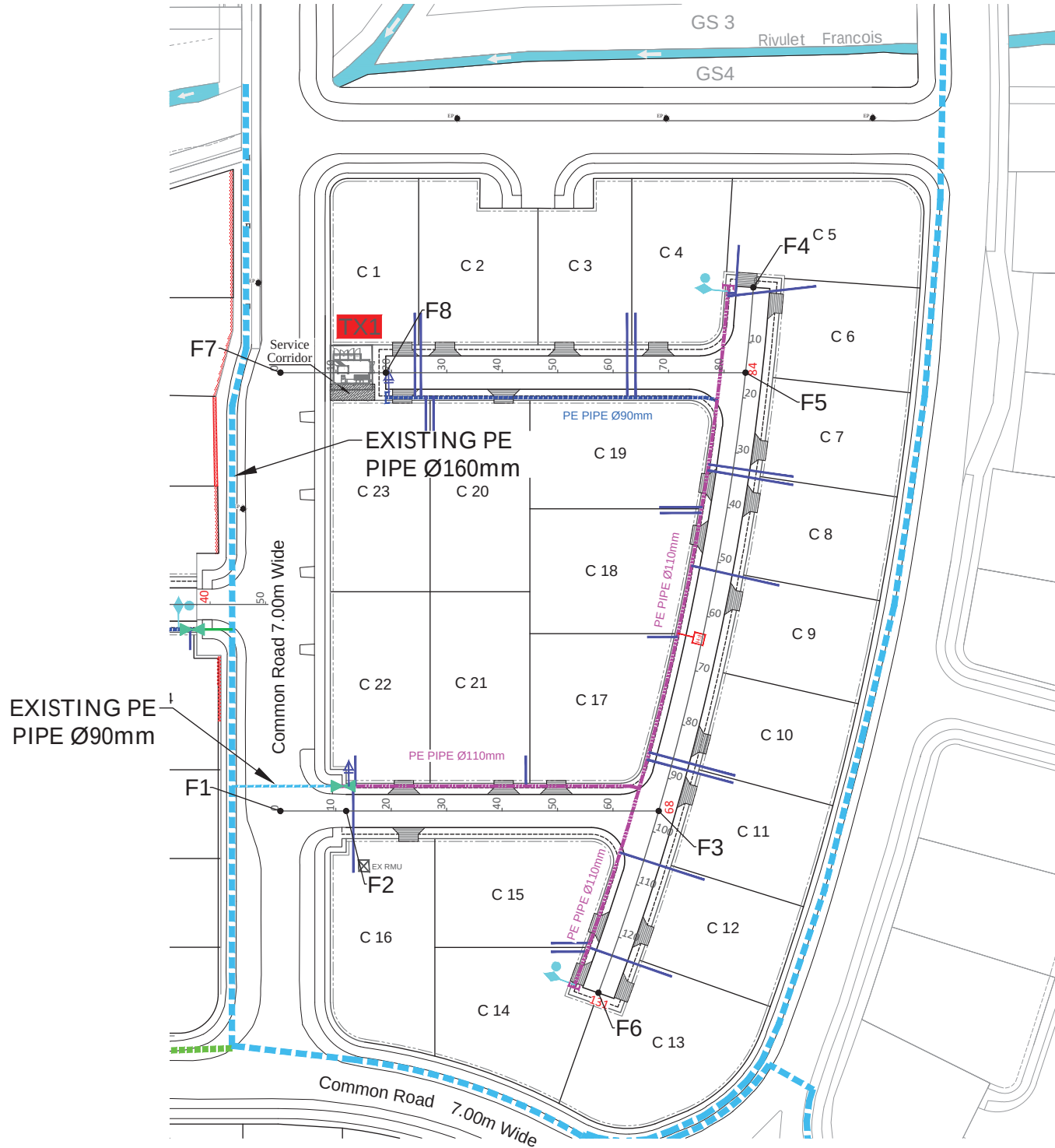
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DRAWING TITLE:
WATER LAYOUT (S7)

DATE : NOVEMBER 2024

[illegible]

WATER LAYOUT (S8)



LEGENDS:

	WATER PIPE PE Ø90mm
	WATER PIPE PE Ø110mm
	END CAP
	GATE VALVE
	DOUBLE ORIFICE AIR VALVE
	DRAIN VALVE
	FIRE HYDRANT

CLIENT:

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E-mail: seenyen@intnet.mu

PROJECT:

INFRASTRUCTURE WORKS TO SITES
S7, S8, S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:

WATER LAYOUT (S8)

DRAWING NUMBER:
SPDL/C2019/29/W/S8/LAY/01

DRAWN BY: KG

DESIGN BY: DG

CHECKED BY : ES

PAPER SIZE : A3

SCALE: 1 / 750

DATE : NOVEMBER 2024

REV	DESCRIPTION	DATE
0	FIRST ISSUE	08.11.2024

WATER LAYOUT (S9)



KEY PLAN:



LEGENDS:

- WATER PIPE
PE Ø90mm
- WATER PIPE
PE Ø110mm
- END CAP
- GATE VALVE
- DOUBLE ORIFICE
AIR VALVE
- DRAIN VALVE
- FIRE HYDRANT

CLIENT:



CONSULTANT:



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TFax: (230) 466-9691
E-mail: seenyen@intnet.mu

PROJECT:

INFRASTRUCTURE WORKS TO SITES
S7, S8, S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:

WATER LAYOUT (S9)

DRAWING NUMBER:

SPDL/C2019/29/W/S9/LAY/01

DRAWN BY:

KG

DESIGN BY:

DG

CHECKED BY:

ES

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A3

SCALE:

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DATE:

NOVEMBER 2024

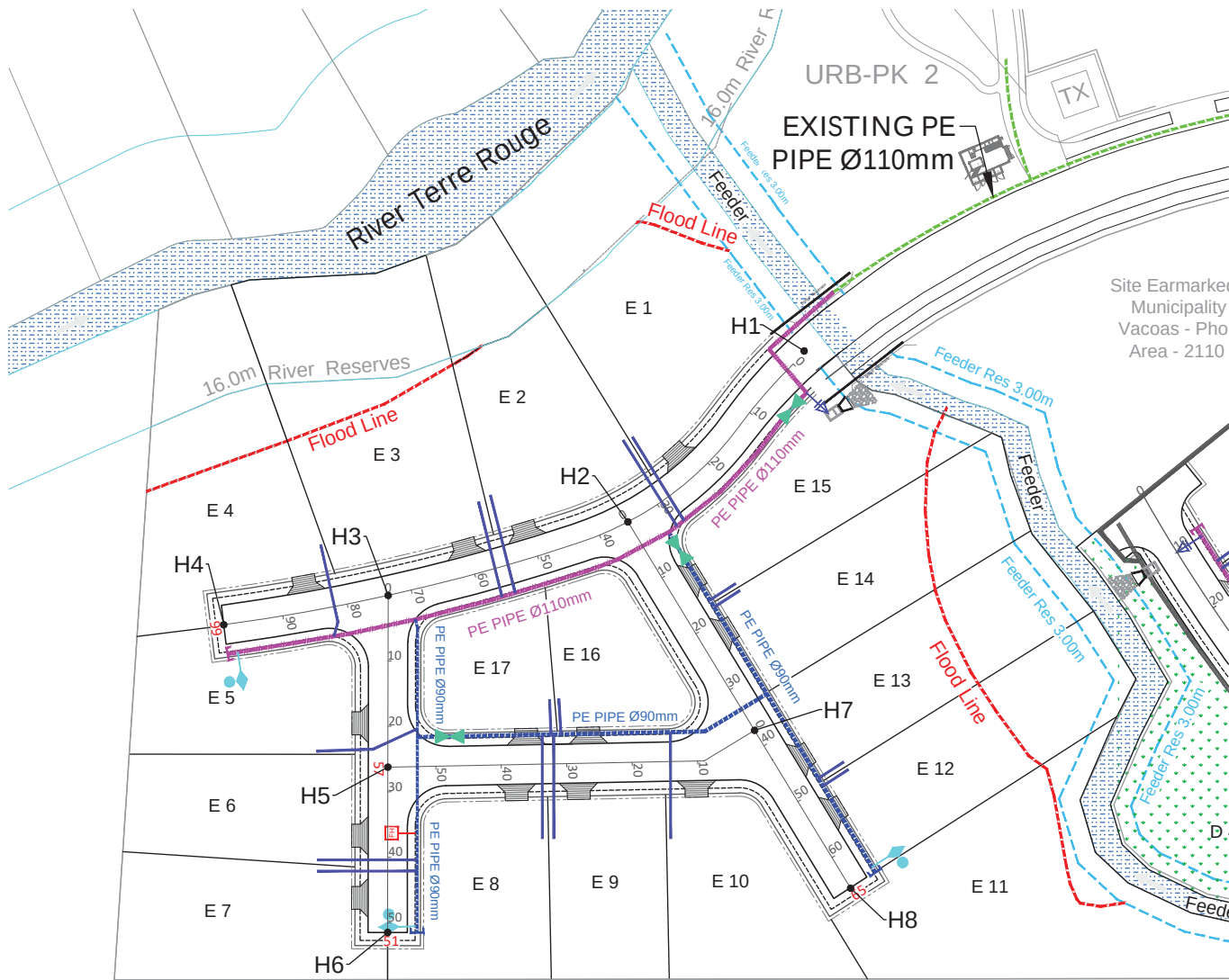
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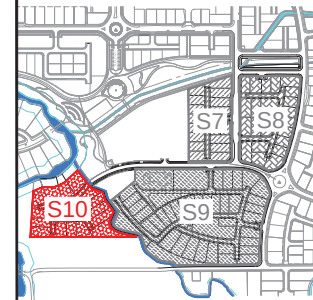
DATE

08.11.2024

WATER LAYOUT (S10)



KEY PLAN:



LEGENDS:

- | | |
|---|-----------------------------|
|  | WATER PIPE
PE Ø90mm |
|  | WATER PIPE
PE Ø110mm |
|  | END CAP |
|  | GATE VALVE |
|  | DOUBLE ORIFICE
AIR VALVE |
|  | DRAIN VALVE |
|  | FIRE HYDRANT |

CLIENT:



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PROJECT:

INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:

WATER LAYOUT (S10)

DRAWING NUMBER:

SPDL/C2019/29/W/S10/LAY/01

DRAWN BY: KG

DESIGN BY: DG

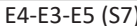
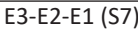
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SCALE: 1 / 750

DATE : NOVEMBER 2024

REV	DESCRIPTION	DATE
0	FIRST ISSUE	08.11.2024



LEGENDS:



 DOUBLE ORIFICE
AIR VALVE

 DRAIN VALVE

 FIRE HYDRANT

CLIENT:



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PROJECT:
INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:

WATER LONGITUDINAL FOR S7

DRAWING NUMBER:

SPDL/C2024/29/W/S7/LS/01

DRAWN BY: KG

DESIGN BY: DG

CHECKED BY : ES

PAPER SIZE : A3

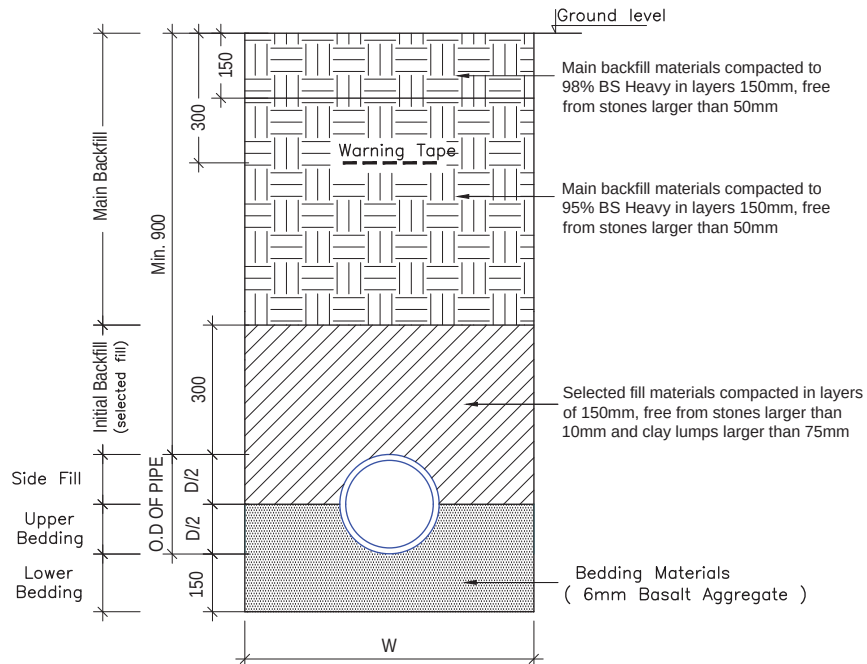
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DATE : NOVEMBER 2024

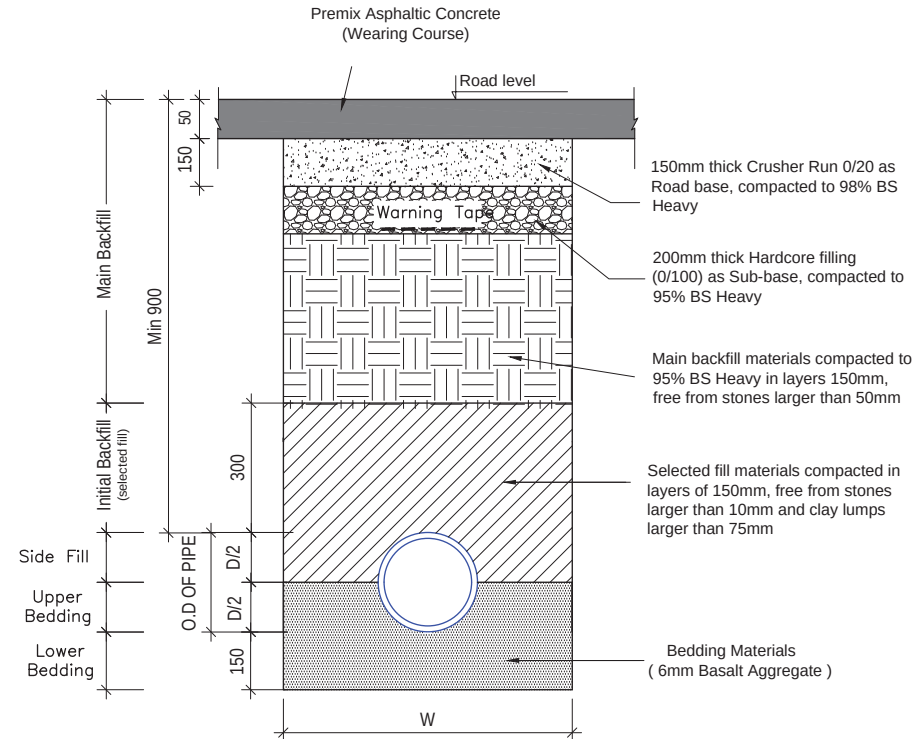
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TYPICAL TRENCH SECTION

PIPE DIAMETER (mm)	TRENCH WIDTH, W (mm)
90 / 110	450
160 / 200	600



TYPICAL TRENCH SECTION ALONG ROAD RESERVE



TYPICAL TRENCH SECTION ALONG ASPHALTED ROAD

KEY PLAN:

REMARKS:



CONSULTANT:



PROJECT:
INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:
TYPICAL TRENCH SECTION
FOR MAIN PIPE

DRAWING NUMBER:
SPDL/C2024/29/W/TD/01

DRAWN BY: KG

DESIGN BY: DG

CHECKED BY : ES

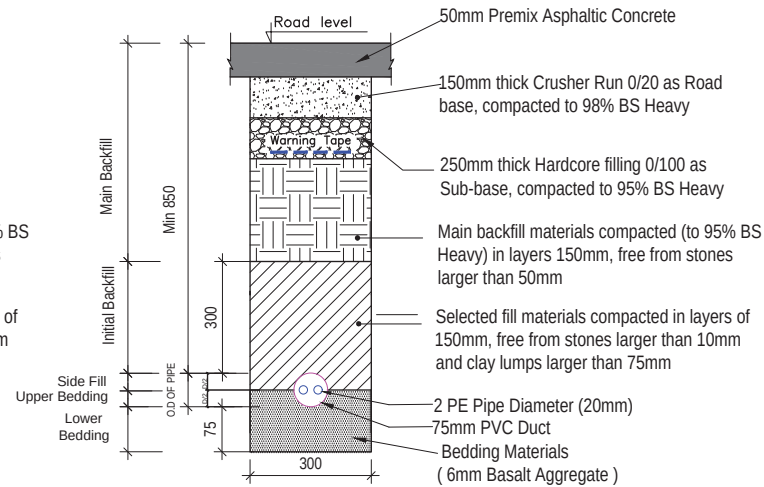
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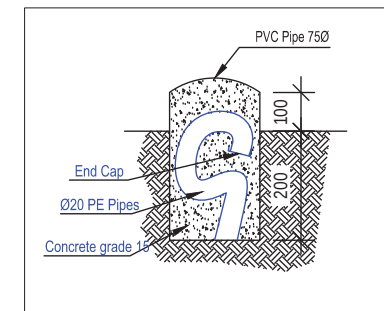
DATE : NOVEMBER 2024

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KEY PLAN:



TYPICAL TRENCH SECTION FOR TWIN PIPES CROSSING ROAD



PRECAST-RING DETAIL FOR PROTECTION OF WATER HOUSEHOLD CONNECTION

PLAN VIEW

450

450

PIPE Ø 75 mm

Ground Level

SECTION 1-1

450mmx450mm Precast Slab

Concrete Grade 25

2Y8

R6 Clips

200

100

50

PRECAST COVER SLAB SECTION

Chamfer 25mm x 25mm

Concrete grade 25

450

80

Chamfer 25mm x 25mm

Y8-150 Bothways

Concrete Grade 25

80

The property connection of each plot should reach at least 1.0m inside plot as shown.



PROJECT:
INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING NUMBER:
SPDL/C2024/29/W/TD/02

DRAWN BY: KG

DESIGN BY: DG

CHECKED BY : ES

PAPER SIZE : A3

SCALE : NTS

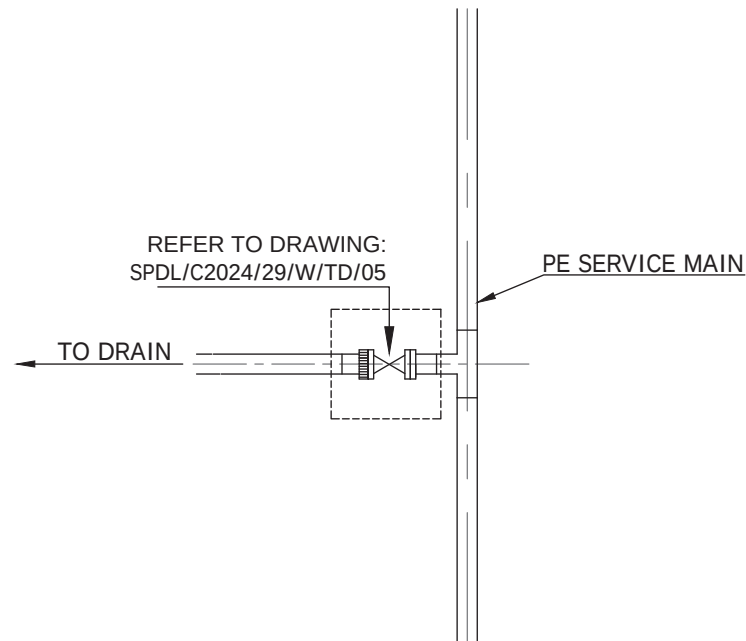
DATE : NOVEMBER 2024

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DV = DRAIN VALVE
GV = GATE VALVE
SV = SLUICE VALVE
AV = AIR VALVE
FH = FIRE HYDRANT (YELLOW)

[illegible]



KEY PLAN:

REMARKS:

1. EXCAVATION TO BE CARRIED OUT TILL FIRM GROUND IS OBTAINED.
2. CONCRETE SHOULD BE OF GRADE 25.
3. BLINDING TO BE GRADE 15.
4. REINFORCEMENT TO BE HIGH YIELD STEEL DEFORMED TYPE TO BS 4466.
5. COVER TO REINFORCEMENT TO BE 30mm.
6. T-TOP BARS & B-BOTTOM BARS.
7. MANHOLE COVER TO BE HEAVY DUTY D400 TO EN124 TO THE APPROVAL OF THE ENGINEER.
8. ARRANGEMENT/S OF CHAMBER TO BE FINALISED ON SITE.



CONSULTANT:



PROJECT:

INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:

DRAIN VALVE DETAILS

DRAWING NUMBER:

SPDL/C2024/29/W/TD/07

DRAWN BY: KG

DESIGN BY: DG

CHECKED BY : ES

PAPER SIZE : A3

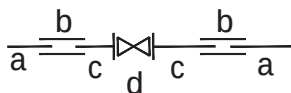
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DATE : NOVEMBER 2024

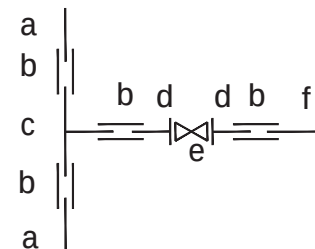
DESCRIPTION	DATE
FIRST ISSUE	08.11.2024

Drain Valve (DN 100) Arrangement : Pipe Ø (90 / 110)mm

- a. P.E pipe Ø90mm / 110mm
- b. P.E Coupler Ø90mm / 110mm
- c. P.E Adaptor Ø(90/100)mm with Steel Flange
- d. Gate Valve DN 100



- P.E pipe Ø(90 / 110)mm
- P.E Coupler Ø(90 / 110)mm
- P.E Tee Ø(110 x 110) / Ø(90 x 90)
- P.E Adaptor with Steel Flange Ø90 mm /110 mm
- Drain Valve (DN 100)
- P.E pipe cut to measure Ø 90/110mm

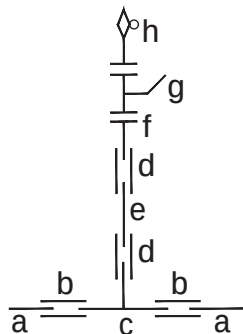


KEY PLAN:

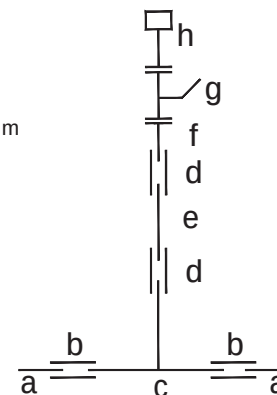
REMARKS:

Fire Hydrant (DN 80) Arrangement : Pipe Pipe (90 / 110)mm

- a P.E pipe Ø90mm /110mm
- b P.E Coupler Ø90mm /110mm
- c P.E Tee Ø110x90mm / Ø90x90mm
- d P.E Coupler Ø90mm /110mm
- e P.E Extension Piece Ø90mm /110mm
- f P.E Flange Adaptor Ø90mm /110mm
- g Double flange Butterfly Valve DN 80
- h Double Orifice Air Valve DN 80



- P.E pipe Ø90mm /110mm
- P.E Coupler Ø90mm /110mm
- P.E Tee Ø160x90mm Ø110x90mm / Ø90x90mm
- P.E Coupler Ø90mm /110mm
- P.E Extension Piece Ø90mm /110mm
- P.E Flange Adaptor Ø90mm /110mm
- Double flange Butterfly Valve DN 80
- Fire Hydrant Ø 80mm



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PROJECT:

INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:

FITTINGS SCHEDULE

DRAWING NUMBER:

SPDL/C2024/29/W/TD/09

DRAWN BY: KG

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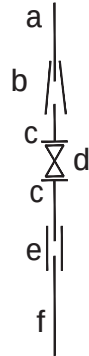
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DATE : NOVEMBER 2024

DESCRIPTION	DATE
FIRST ISSUE	08.11.2024

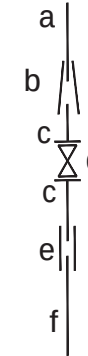
Connection Details of Proposed Ø90 PE Pipe to Existing Ø90 PE Pipe

- Existing Ø 90mm PE pipe
- P.E Reducer Ø 90 mm to Ø 110 mm
- P.E Adaptor (Ø90 mm) with Steel Flange
- Gate Valve DN 100
- P.E Coupler Ø 90 mm
- Proposed P.E Pipe Ø 90 mm



Connection Details of Proposed Ø110 PE Pipe to Existing Ø90 PE Pipe

- Existing Ø 90mm PE pipe
- P.E Reducer Ø 90 mm to Ø 110 mm
- P.E Adaptor (Ø110mm) with Steel Flange
- Gate Valve DN 100
- P.E Coupler Ø 110 mm
- Proposed P.E Pipe Ø 110 mm

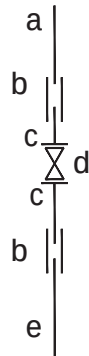


KEY PLAN:

REMARKS:

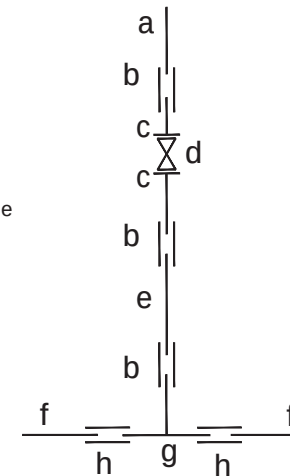
Connection Details of Proposed Ø110 PE Pipe to Existing Ø110 PE Pipe

- Existing Ø 110 mm PE pipe
- P.E Coupler Ø 110 mm
- P.E Adaptor (Ø110mm) with Steel Flange
- Gate Valve DN 100
- Proposed P.E Pipe Ø 110 mm



Connection Details of Proposed Ø110 PE Pipe to Existing Ø200 PE Pipe

- Proposed Ø 110 mm PE pipe
- P.E Coupler Ø 110 mm
- P.E Adaptor (Ø110mm) with Steel Flange
- Gate Valve DN 100
- P.E pipe cut to measure Ø 110mm
- Existing Ø 200 mm PE pipe
- P.E Tee Ø 200x110mm
- P.E Coupler Ø 200 mm



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TFax: (230) 466-9691
E-mail: seenyen@intnet.mu

PROJECT:

INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:
FITTINGS SCHEDULE

DRAWING NUMBER:
SPDL/C2024/29/W/TD/10

DRAWN BY: KG

DESIGN BY: DG

CHECKED BY : ES

PAPER SIZE : A3

SCALE : NTS

DATE : NOVEMBER 2024

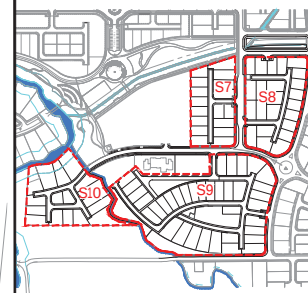
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SEWERAGE WORKS

SEWER LAYOUT (GENERAL)



KEY PLAN:



LEGENDS:

- | | |
|---|--|
|  | Proposed Sewer Pipe
Ø200mm Upvc |
|  | Proposed Sewer Manhole |
|  | Proposed ICA With
Connection to Main Pipe |
|  | Existing Sewer Pipe |
|  | Existing Sewer Manhole |

CLIENT:



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PROJECT:

INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:

SEWER LAYOUT (GENERAL)

DRAWING NUMBER:

SPDL/C2024/29/S/S7-S10/LAY/01

DRAWN BY: KG

DESIGN BY: DG

CHECKED BY : ES

PAPER SIZE : A3

SCALE: N.T.S

DATE : NOVEMBER 2024

REV	DESCRIPTION
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0	FIRST ISSUE
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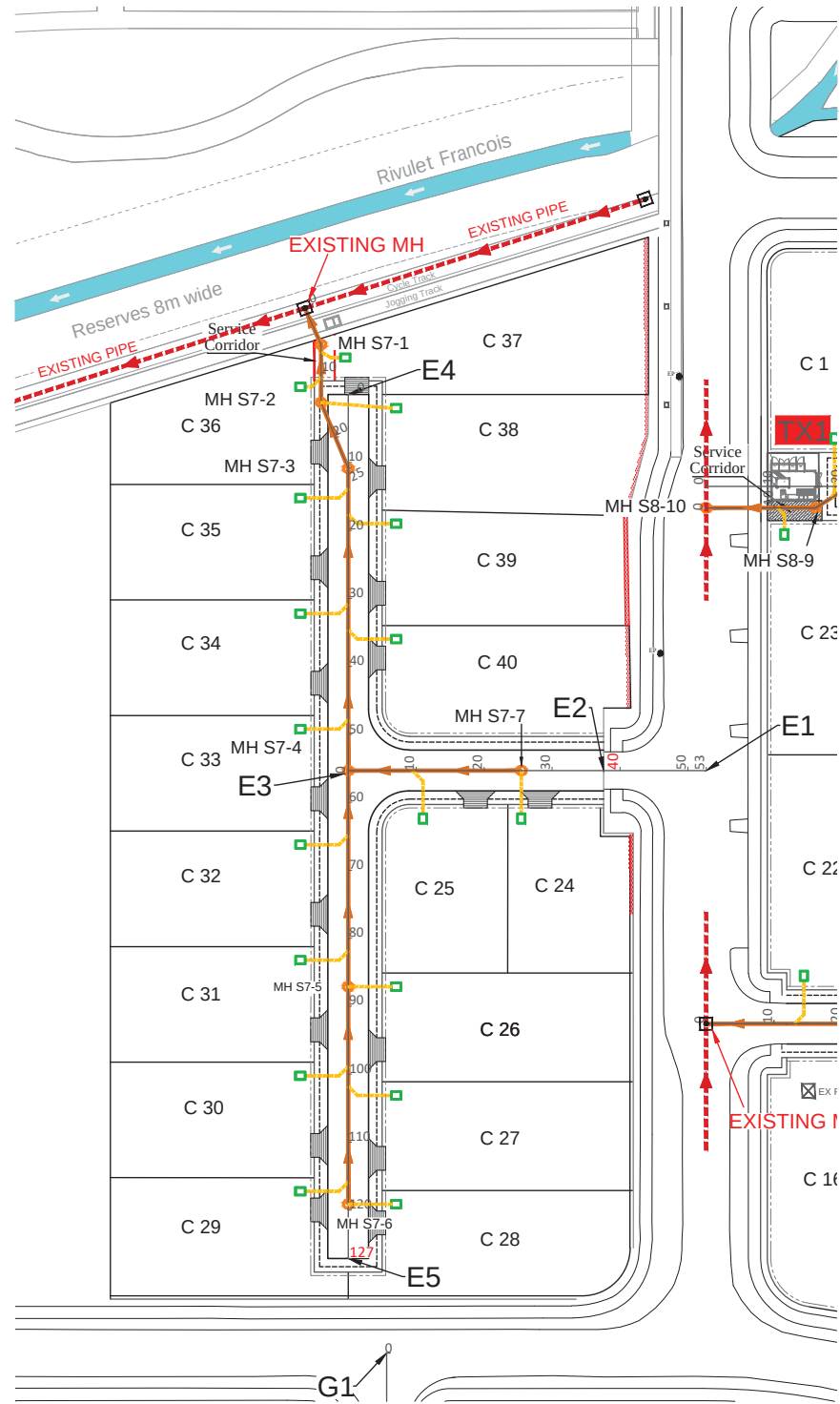
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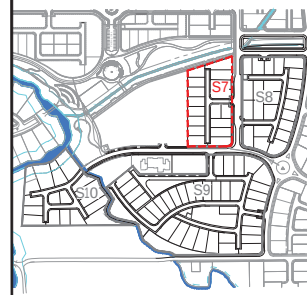
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SEWER LAYOUT (S7)



KEY PLAN:



LEGENDS:

- Proposed Sewer Pipe Ø200mm Upvc
- Proposed Sewer Manhole
- Proposed ICA With Connection to Main Pipe
- Existing Sewer Pipe
- Existing Sewer Manhole

CLIENT:



CONSULTANT:



PROJECT:
INFRASTRUCTURE WORKS TO SITES
S7, S8, S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:
SEWER LAYOUT (S7)

DRAWING NUMBER:
SPDL/C2024/29/S/S7/LAY/01

DRAWN BY: KG

DESIGN BY: DG

CHECKED BY: ES

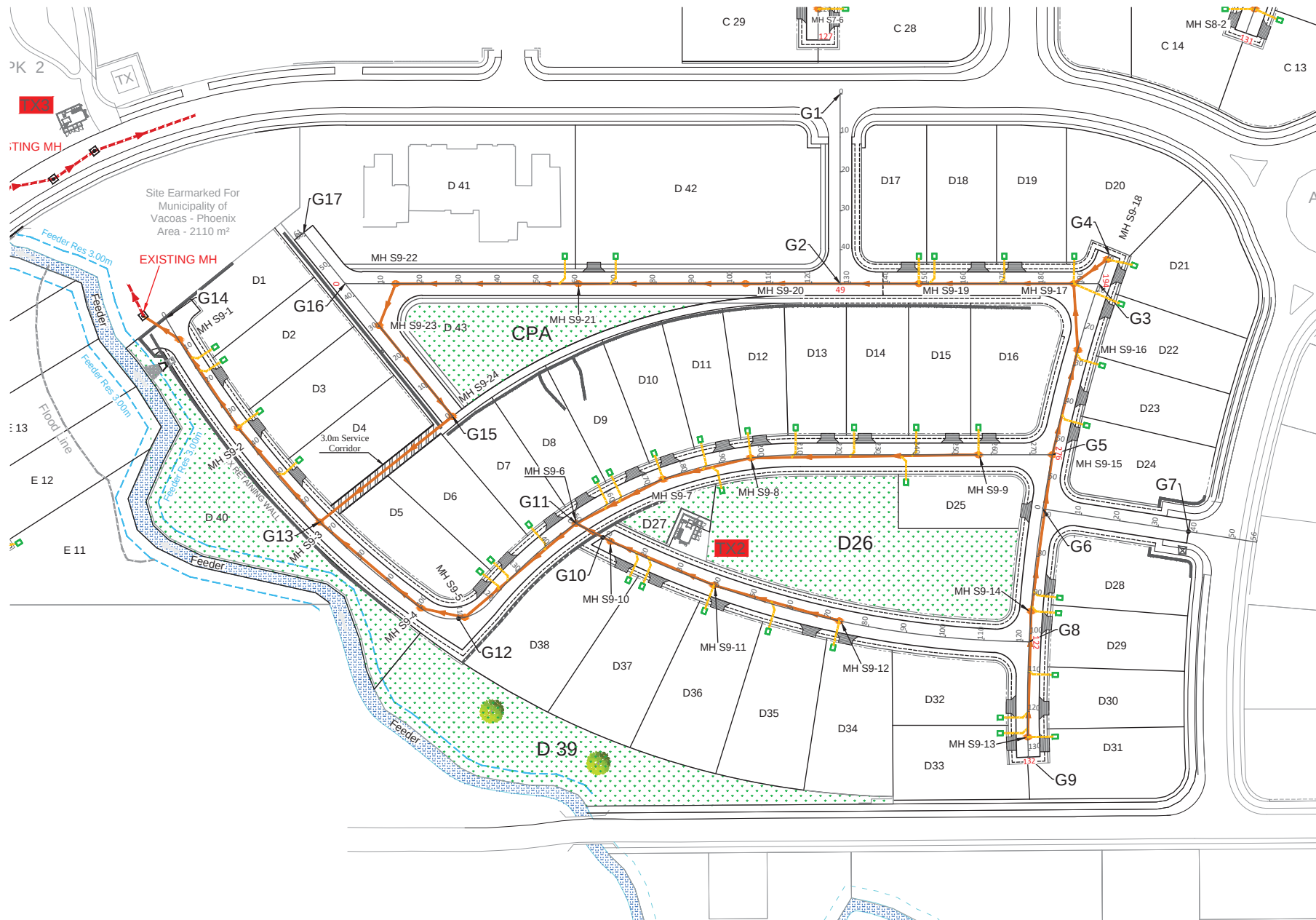
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DATE: NOVEMBER 2024

REV	DESCRIPTION	DATE
0	FIRST ISSUE	08.11.2024

SEWER LAYOUT (S9)



KEY PLAN:



LEGENDS:

- | | |
|---|--|
|  | Proposed Sewer Pipe
Ø200mm Upvc |
|  | Proposed Sewer Manhole |
|  | Proposed ICA With
Connection to Main Pipe |
|  | Existing Sewer Pipe |
|  | Existing Sewer Manhole |

CLIENT:



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PROJECT:

INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:

SEWER LAYOUT (S9)

DRAWING NUMBER:

SPDL/C2024/29/S/S9/LAY/01

DRAWN BY: KG

DESIGN BY: DG

CHECKED BY : ES

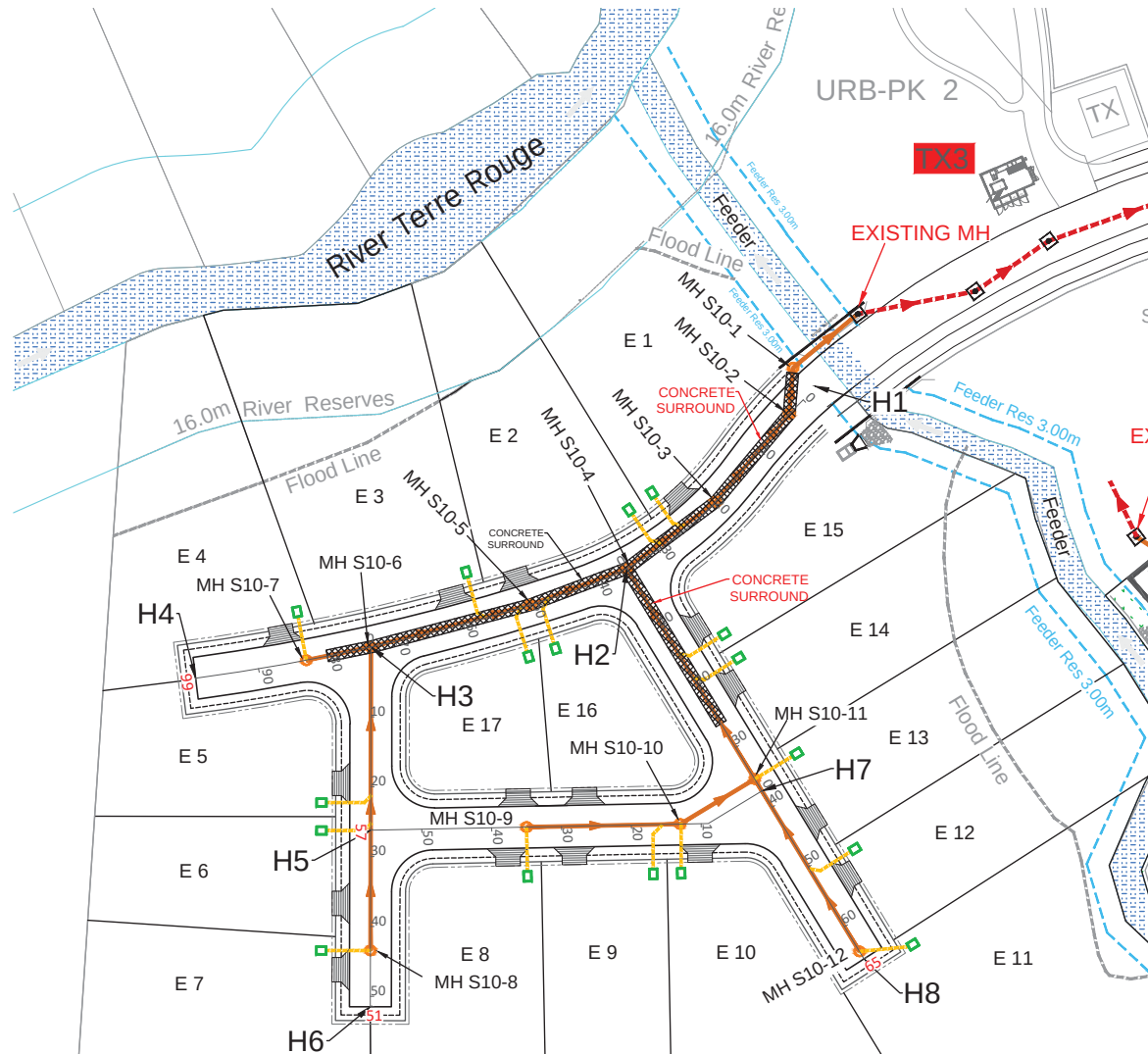
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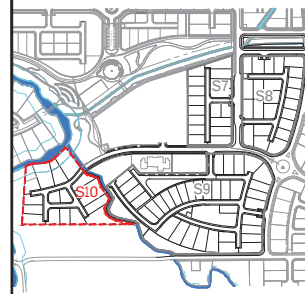
DATE : NOVEMBER 2024

[illegible]

SEWER LAYOUT (S10)



KEY PLAN:



LEGENDS:

- Proposed Sewer Pipe $\varnothing 200\text{mm Upvc}$
- Proposed Sewer Manhole
- Proposed ICA With Connection to Main Pipe
- Existing Sewer Pipe
- Existing Sewer Manhole

CLIENT:



CONSULTANT:



PROJECT:

INFRASTRUCTURE WORKS TO SITES
S7, S8, S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:

SEWER LAYOUT (S10)

DRAWING NUMBER:

SPDL/C2024/29/S/S10/LAY/01

DRAWN BY:

KG

DESIGN BY:

DG

CHECKED BY:

ES

PAPER SIZE:

A3

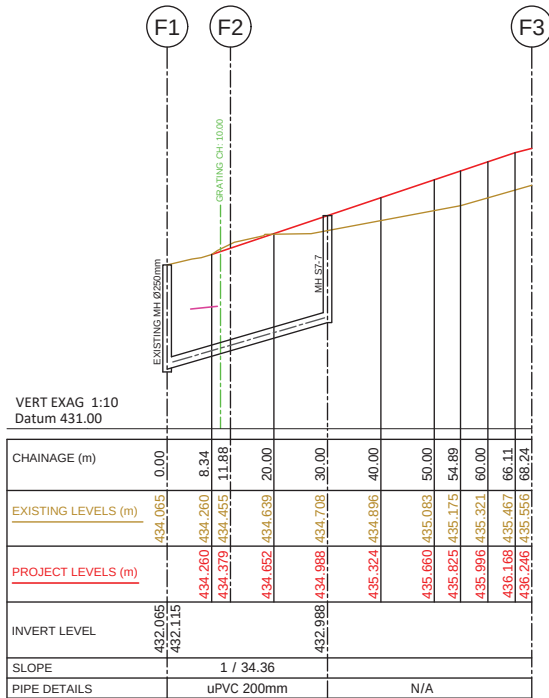
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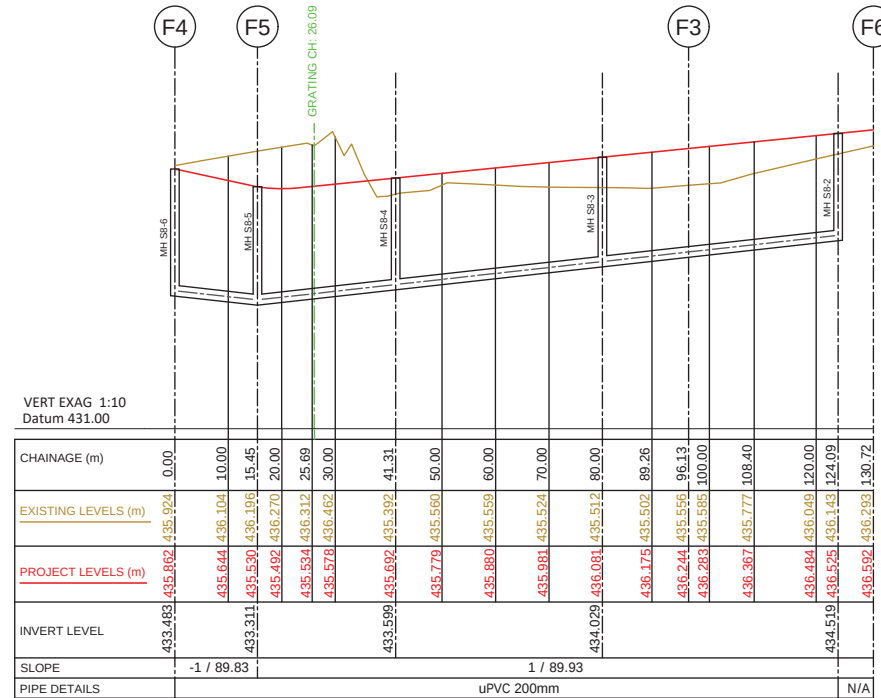
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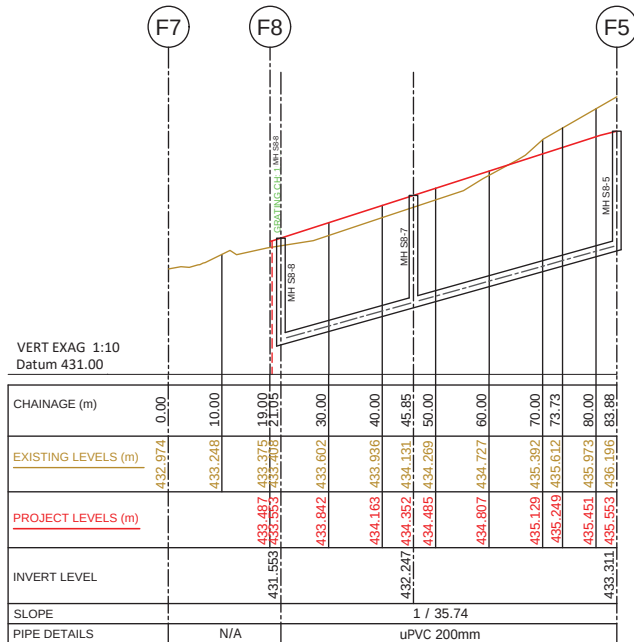
REV	DESCRIPTION	DATE
0	FIRST ISSUE	08.11.2024



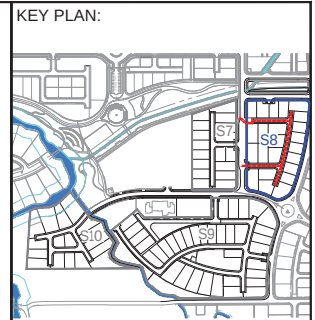
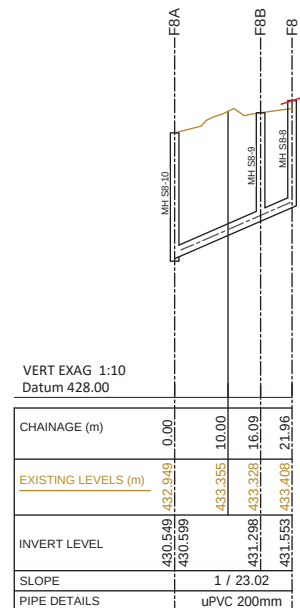
F1-F2-F3 (S8)



F4-F5-F3-F6 (S8)



F7-F8-F5 (S8)



REMARKS:

CLIENT: **EIT**
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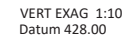
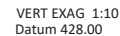
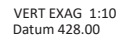
PROJECT:
INFRASTRUCTURE WORKS TO SITES
S7, S8, S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:
SEWER LONGITUDINAL FOR S8

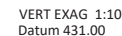
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SPDL/C2024/29/S/S8/LS/01
DRAWN BY: KG
DESIGN BY: DG
CHECKED BY : ES
PAPER SIZE : A3
SCALE= H1:1000 V1:100

DATE : NOVEMBER 2024

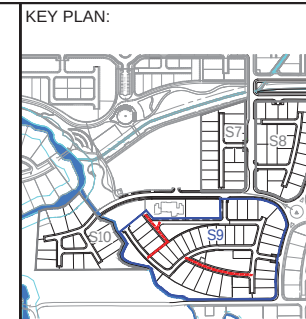
REV	DESCRIPTION	DATE
0	FIRST ISSUE	08.11.2024



G13-G15 (S9)



G11-G10-G8 (S9)



REMARKS:

CLIENT:



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PROJECT:

INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:

SEWER LONGITUDINAL FOR S9

DRAWING NUMBER:

SPDL/C2024/29/S/S9/LS/02

DRAWN BY: KG

DESIGN BY: DG

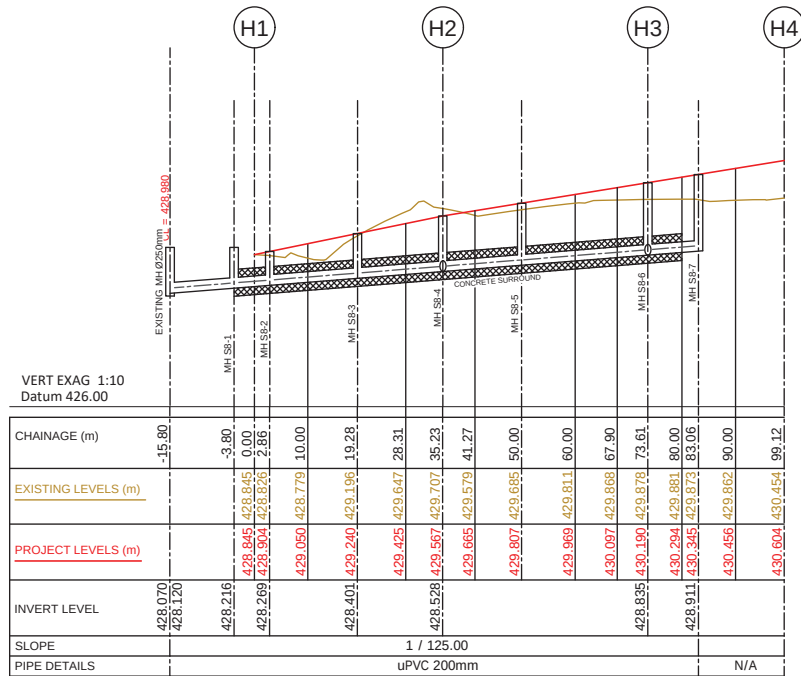
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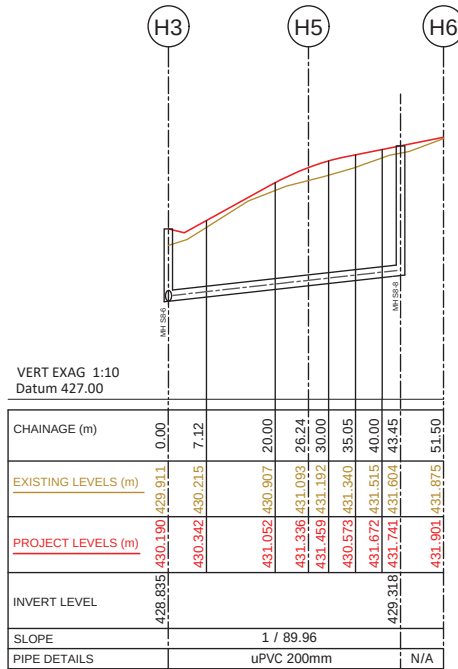
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DATE : NOVEMBER 2024

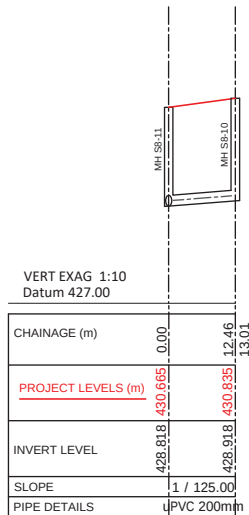
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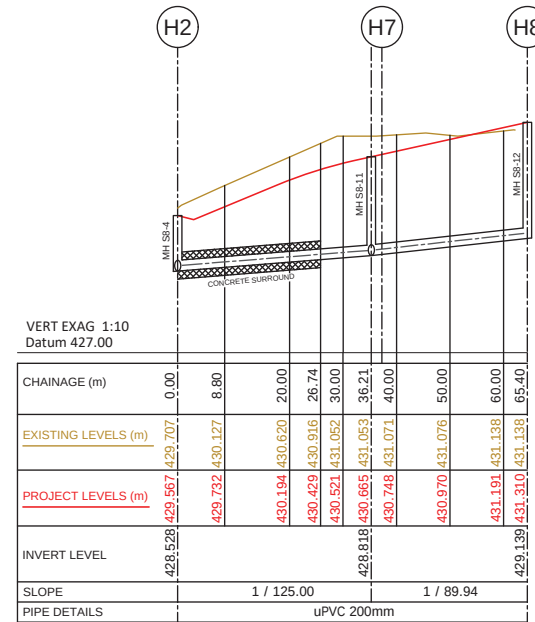
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H3-H5-H6

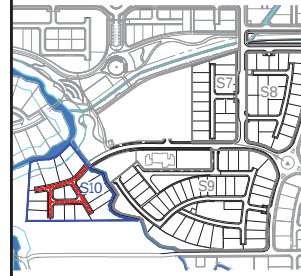


H7-H5



H2-H7-H8

KEY PLAN:



REMARKS:

CLIENT:



CONSULTANT:



PROJECT:
INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:
SEWER LONGITUDINAL FOR S10

DRAWING NUMBER:
SPDL/C2024/29/S/S10/LS/01

DRAWN BY: KG

DESIGN BY: DG

CHECKED BY: ES

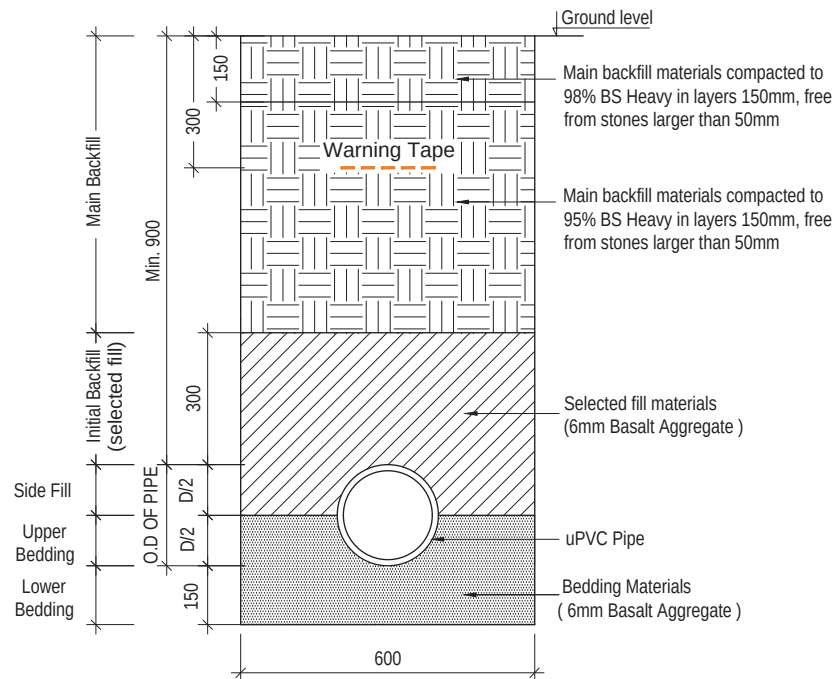
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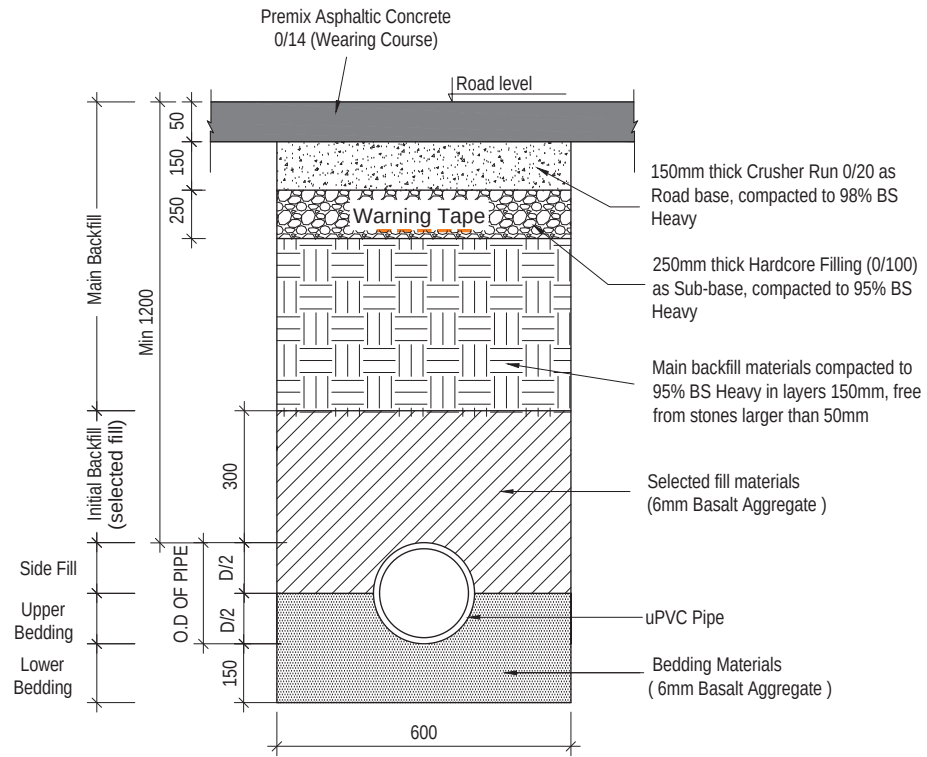
DATE: NOVEMBER 2024

REV	DESCRIPTION	DATE
0	FIRST ISSUE	08.11.2024

TYPICAL TRENCH SECTION FOR SEWER



TYPICAL TRENCH SECTION ALONG ROAD RESERVE



TYPICAL TRENCH SECTION ALONG PROPOSED ROAD

KEY PLAN:

REMARKS:



CONSULTANT:

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PROJECT:
INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:
TYPICAL TRENCH SECTION
FOR SEWER

DRAWING NUMBER:
SPDL/C2024/29/S/TD/01

DRAWN BY: KG

DESIGN BY: DG

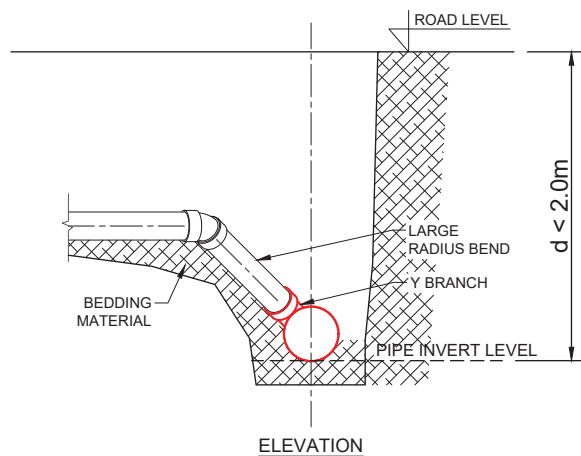
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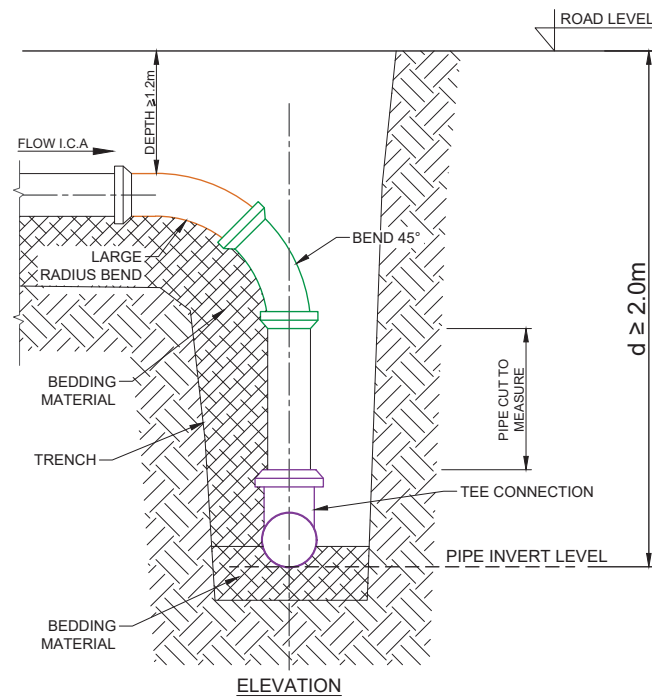
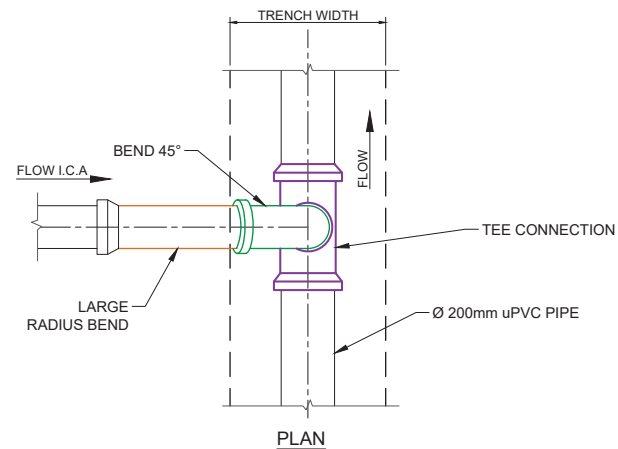
SCALE : NTS

DATE : NOVEMBER 2024

DESCRIPTION	DATE
FIRST ISSUE	08.11.2024



CONNECTION TO SHALLOW STREET SEWER
PIPE (DEPTH < 2.0m)



CONNECTION TO DEEP
STREET SEWER PIPE (DEPTH $\geq$ 2.0m)

KEY PLAN:

REMARKS:



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PROJECT:

INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:

CONNECTION DETAILS TO
MAIN SEWER PIPE

DRAWING NUMBER:

SPDL/C2024/29/S/TD/02

DRAWN BY: KG

DESIGN BY: DG

CHECKED BY : ES

PAPER SIZE :

SCALE : NTS

DATE : NOVEMBER 2024

DESCRIPTION	DATE
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DESCRIPTION	DATE
FIRST ISSUE	08.11.2024

FIRST ISSUE	06.11.2024

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KEY PLAN:



1. Concrete to be Grade 30.
2. Base reinforcement should be approved prior to casting of concrete and laying of blockwork.
3. Inspection chamber to be Medium Duty, Lockable, Hinged, Double Seal Type and of Class C 250 as per EN 124.
4. Channels causing restriction to flow will have to be demolished and reconstructed to the satisfaction of the Engineer and/ or WMA



CONSULTANT:



PROJECT:
INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:
TYPICAL CIRCULAR MANHOLE DETAILS
(DEPTH $\leq$ 3.0m)

DRAWING NUMBER:
SPDL/C2024/29/S/TD/03

DRAWN BY: KG

DESIGN BY: DG

CHECKED BY : ES

PAPER SIZE : A

SCALE : NTS

DATE : NOVEMBER 2024

DESCRIPTION	DATE
FIRST ISSUE	08.11.24

TYPICAL CIRCULAR MANHOLE DETAILS (DEPTH > 3.0m)

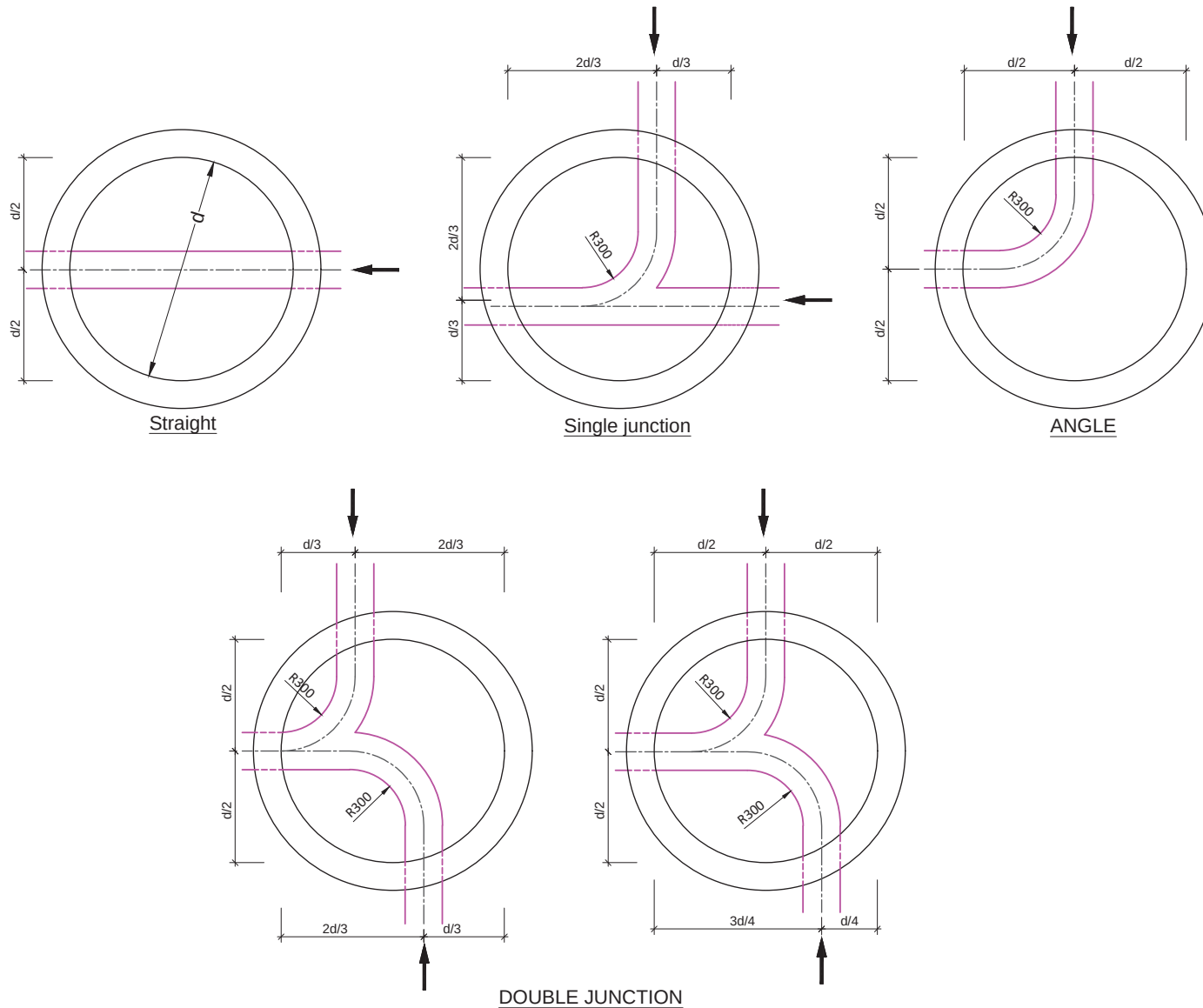
The drawing illustrates the construction details of a circular manhole with a depth greater than 3.0 meters. It includes the following components and dimensions:

- Section C-C (Side Elevation):** Shows the manhole structure from the road level down to the base. Key features include:
 - Lockable, Hinged D.I Heavy duty manhole cover Class D400 (Double Seal Type, Ø600mm and to BS EN124).
 - 20mmØx400mm long G.S Rungs at 250mm c/c welded to stringer.
 - Hot-Dipped Galvanised Ladder.
 - 85x10mm flat G.S stringers.
 - 4 Nos 12mm rawlbolt.
 - Dimensions: 1500 (height), 150 (width), 900 (width), 150 (width), 200 (width), 300 (width), 2000 (height), 200 (width), 1200 (width), 200 (width).
- Reinforcement Details (Cross-section):** Shows the internal reinforcement of the manhole wall and base.
 - Concrete Grade 30.
 - Y10@100 C-C B/W.
 - Y12@100 T & B.
 - Y8 @ 200.
 - Y12@100 C-C.
 - 75mm Blinding Layer.
 - Dimensions: 350 (width), 350 (width).
- Section B-B (Top View):** Shows the top view of the manhole structure.
 - Y12-100 BOTHWAYS Top & Bottom.
 - 2 x 6Y16 Top & Bottom (Trimming Bars).
 - Dimensions: Ø1200 (outer diameter), Ø900 (inner diameter).
- Section A-A (Bottom View):** Shows the bottom view of the manhole structure.
 - Y12 @ 100 T & B.
 - Y12 @ 100 T & B.
 - Dimensions: 200 (width), 200 (width).

DESCRIPTION	DATE
FIRST ISSUE	08.11.24

[illegible]

JUNCTION DETAILS FOR CIRCULAR MANHOLES



KEY PLAN:

REMARKS:

1. All benching and channel should be in Concrete Grade 30.
2. Contractor to ensure that sample is approved by Engineer and/ or WMA before proceeding for all Manholes.
3. Channels causing restriction to flow will have to be demolished and reconstructed to the satisfaction of the Engineer and/ or WMA



CONSULTANT:



PROJECT:
INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:
JUNCTION DETAILS FOR CIRCULAR
MANHOLES

DRAWING NUMBER:
SPDL/C2024/29/S/TD/05

DRAWN BY: KG

DESIGN BY: DG

CHECKED BY : ES

PAPER SIZE : A3

SCALE : NTS
DATE : NOVEMBER 2024

[illegible]

KEY PLAN:



1. Concrete to be Grade 30.
2. Base reinforcement should be approved prior to casting of concrete and laying of blockwork.
3. Inspection chamber to be Medium Duty, Lockable, Hinged, Double Seal Type and of Class C 250 as per EN 124.
4. Channels causing restriction to flow will have to be demolished and reconstructed to the satisfaction of the Engineer and/ or WMA



CONSULTANT:



PROJECT:

INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:

INSPECTION CHAMBER TYPE A

DRAWING NUMBER:

SPDL/C2024/29/S/TD/06

DRAWN BY: KG

DESIGN BY: DG

CHECKED BY : ES

PAPER SIZE : A3

SCALE : NTS

DATE : NOVEMBER 2024

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Type	Depth , d (m)	Rectangular Chamber (W x L)	Medium Duty Cover	Remarks
A	$0.75 < d \leq 1.1$	600 x 600	600 x 600	Reinforced Blockwork

TYPICAL INSPECTION CHAMBER TYPE B

KEY PLAN:

REMARKS:

- Concrete to be Grade 30.
- Base reinforcement should be approved prior to casting of concrete and laying of blockwork.
- Inspection chamber to be Medium Duty, Lockable, Hinged, Double Seal Type and of Class C 250 as per EN 124.
- Channels causing restriction to flow will have to be demolished and reconstructed to the satisfaction of the Engineer and/ or WMA



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PROJECT:
INFRASTRUCTURE WORKS TO SITES
S7, S8, S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:
INSPECTION CHAMBER TYPE B

DRAWING NUMBER:
SPDL/C2024/29/S/1D/07

DRAWN BY: KG

DESIGN BY: DG

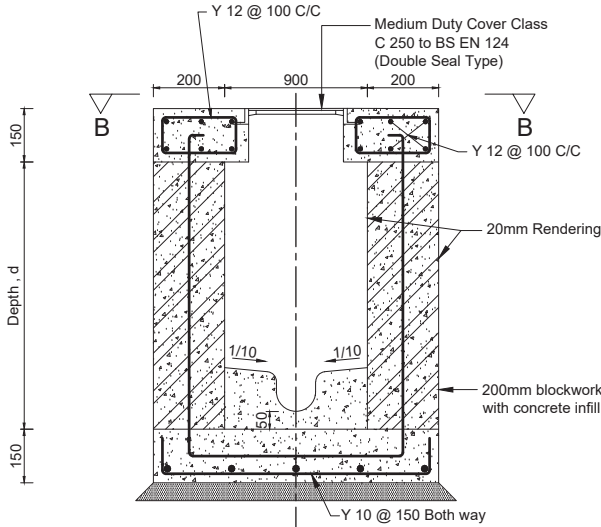
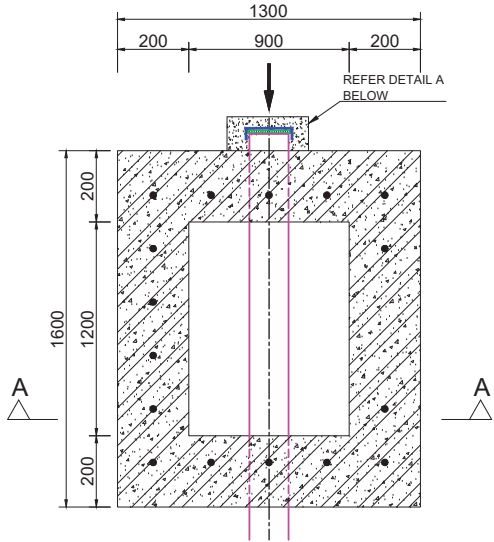
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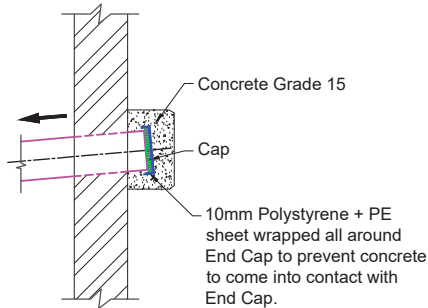
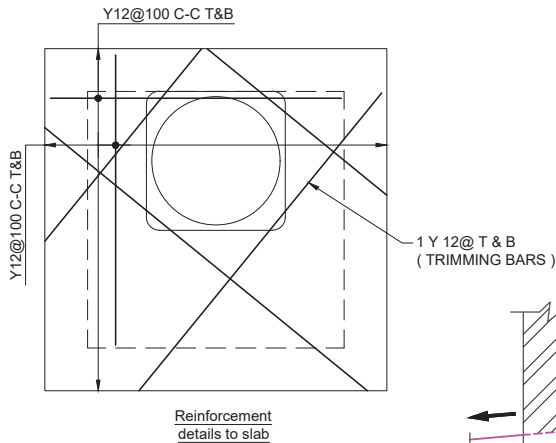
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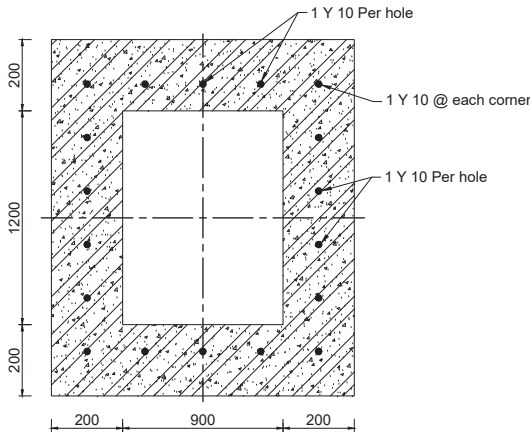
DESCRIPTION	DATE
FIRST ISSUE	08.11.24



Section A-A

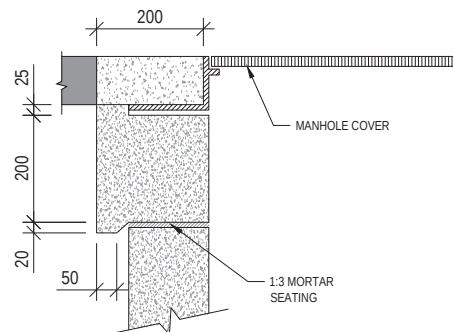


DETAIL A



Section B-B

Type	Depth , d (m)	Rectangular Chamber (W x L)	Medium duty cover	Remarks
B	1.1 < d ≤ 2.0	1200 x 900	600 x 600	Reinforced Blockwork

[illegible][illegible]

Y12@100 C-C B/W

Y8@200 C-C

2 Y8

Y12@100 C-C

B

B

Y10@150 C-C B/W

Y10@200 C-C B/W

Y10@150 C-C

Y10@150 C-C B/W

50 mm Blinding layer

[illegible]

Manhole wall

Rubber ring Water Proof Joint (Ø 20mm)

Top of benching

Flexible coupling

Rock pipe

Mass concrete 150mm surround to Pipe (Refer to Box-Out Detail)

50 mm blinding layer

Base of manhole

600

150

100

KEY PLAN:

REMARKS:

1. Concrete to be Grade 30.
2. Minimum cover to reinforcement 50mm.
3. Manhole Steps should be Type D Class I double steps Conforming to BS EN 13101 : 2002 with a minimum width of tread of 320mm.
4. Manhole cover should be of diameter 600mm, lockable, Hinged, Double Seal Type and of Class C250 as per BS EN 124
5. All inlet pipes should be plugged for future connection



CONSULTANT:



PROJECT:

INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:

INSPECTION CHAMBER TYPE C
(SHEET 2 of 2)

DRAWING NUMBER:
SPDL/C2024/29/S/TD/08

DRAWN BY: KG

DESIGN BY: DG

CHECKED BY : ES

PAPER SIZE : A3

SCALE : NTS

DATE : NOVEMBER 2024

DESCRIPTION	DATE
FIRST ISSUE	08.11.2024

ELECTRICAL WORKS



	DP 1 0.8 x 0.8m DRAWPIT (INTERNAL)
	DP 2 1.2 x 1.2m DRAWPIT (INTERNAL)
	DP 3 1.5 x 1.5m HT DRAWPIT (INTERNAL)
	DP 4 1.5 x 2.3m DRAWPIT (INTERNAL)
 PILLAR	PROPOSED PILLAR (LH / HT)
	LV CABLE
	HT CABLE
	PLOT CONNECTION



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 E-mail : sitrus@intnet.mu

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Tel: (230) 465-4046, 466-9691
TFax: (230) 466-9691
E-mail: seenyen@intnet.mu

DRAWING TITLE:
ELECTRIC LAYOUT (GENERAL)

DRAWN BY: KG
DESIGN BY: DG
CHECKED BY : ES
PAPER SIZE : A3
SCALE: N.T.S

[illegible]

Rivulet Francois

Reserves 8m wide

Cycle Track
Jogging Track

Service Corridor

C 37

C 38

C 39

C 40

C 36

C 35

C 34

C 33

C 32

C 31

C 30

C 29

C 25

C 24

C 26

C 27

C 28

LV PILLAR

2 Ø 160 + (2Ø63)

EX UNDERGROUND LOOP (TO BE REMOVED)

DP 2

DP 3

EX CEB CABLES

2 Ø 160

TX

	DP 1 0.8 x 0.8m DRAWPIT (INTERNAL)
	DP 2 1.2 x 1.2m DRAWPIT (INTERNAL)
	DP 3 1.5 x 1.5m HT DRAWPIT (INTERNAL)
	DP 4 1.5 x 2.3m DRAWPIT (INTERNAL)
 PILLAR	PROPOSED PILLAR (LH / HT)
LV	LV CABLE
HT	HT CABLE
	PLOT CONNECTION

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INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

ELECTRIC LAYOUT (S7)

SPDL/C2024/29/E/S7/LAY/01

DESIGN BY: DG

PAPER SIZE : A

DATE : NOVEMBER 1991

0	FIRST ISSU
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5	1/1/2017-1/31/2017	001221202

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[illegible]

The map shows a study area with a river on the left and a road network. Several sites are marked with numbers in red boxes: S7, S8, S9, and S10. Site S8 is highlighted with a red outline, indicating it is the focus of the study. The map also shows a bridge crossing the river and a large building complex on the right side.

	DP 1 0.8 x 0.8m DRAWPIT (INTERNAL)
	DP 2 1.2 x 1.2m DRAWPIT (INTERNAL)
	DP 3 1.5 x 1.5m HT DRAWPIT (INTERNAL)
	DP 4 1.5 x 2.3m DRAWPIT (INTERNAL)
 PILLAR	PROPOSED PILLAR (LH / HT)
LV	LV CABLE
HT	HT CABLE
	PLOT CONNECTION



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 E-mail : sitcust@inet.net.mu

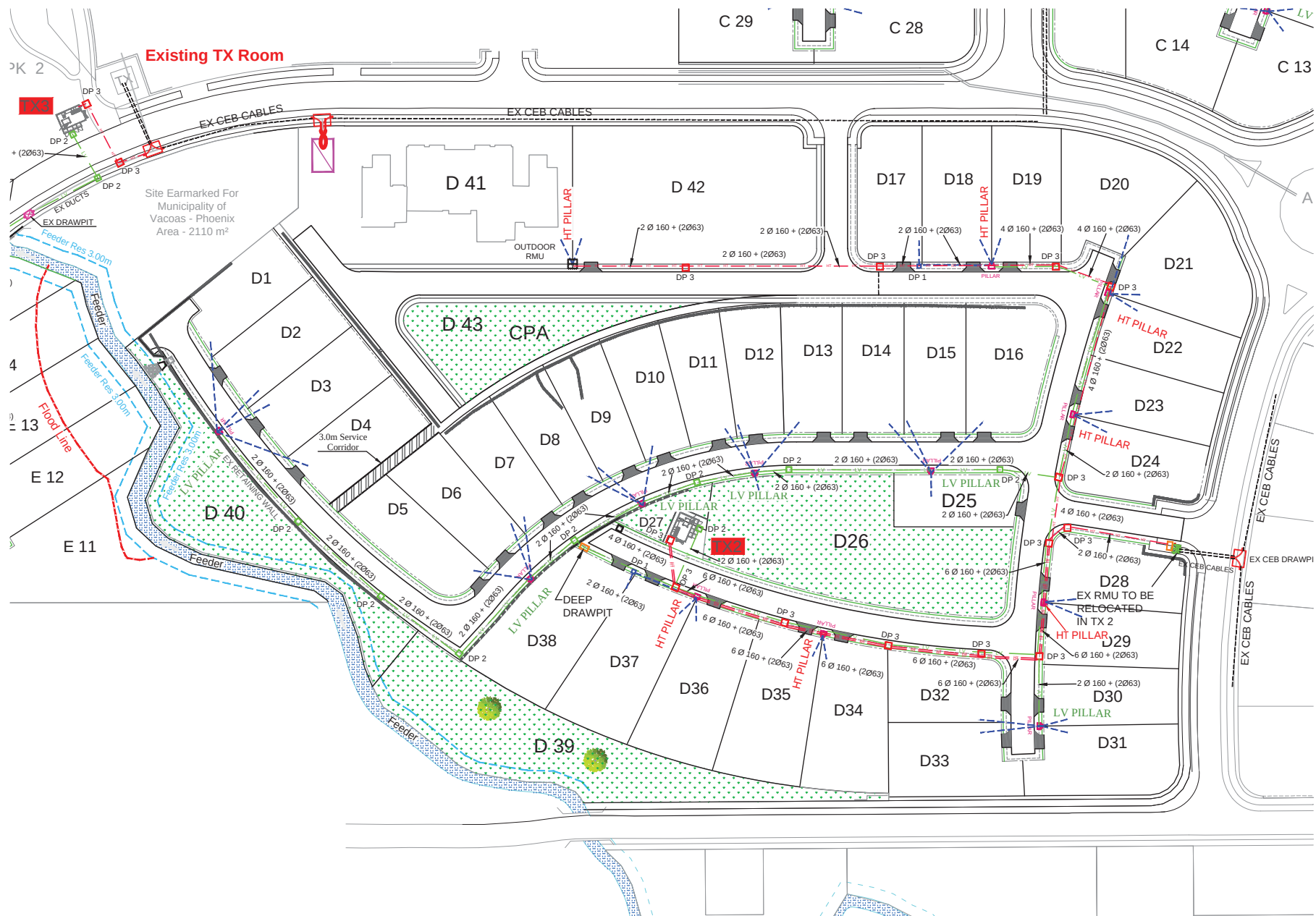
 **Scene-Ries Consult Ltd.**
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TFax: (230) 466-9691
E-mail: seenyen@intnet.mu

DRAWING TITLE:
ELECTRIC LAYOUT (S8)

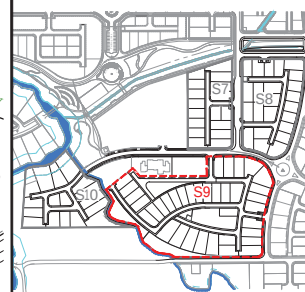
DRAWN BY: KG
DESIGN BY: DG
CHECKED BY : ES
PAPER SIZE : A3
SCALE: 1 / 750
DATE : NOVEMBER 2024

[illegible]

ELECTRIC LAYOUT (S9)



KEY PLAN:



LEGENDS:

- | | |
|--|--|
|  | DP 1
0.8 x 0.8m DRAWPIT (INTERNAL) |
|  | DP 2
1.2 x 1.2m DRAWPIT (INTERNAL) |
|  | DP 3
1.5 x 1.5m HT DRAWPIT (INTERNAL) |
|  | DP 4
1.5 x 2.3m DRAWPIT (INTERNAL) |
| 
PILLAR | PROPOSED PILLAR (LH / HT) |
| 
LV | LV CABLE |
| 
HT | HT CABLE |
|  | PLOT CONNECTION |

CLIENT:



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TFax: (230) 466-9691
E-mail: seenyen@intnet.mu

PROJECT:

INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:

ELECTRIC LAYOUT (S9)

DRAWING NUMBER:

SPDL/C2024/29/E/S9/LAY/01

DRAWN BY: KG

DESIGN BY: DG

CHECKED BY : ES

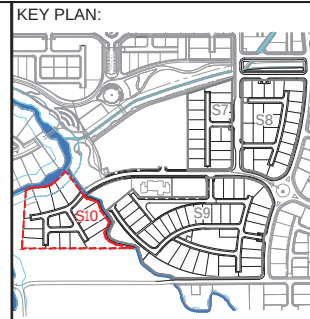
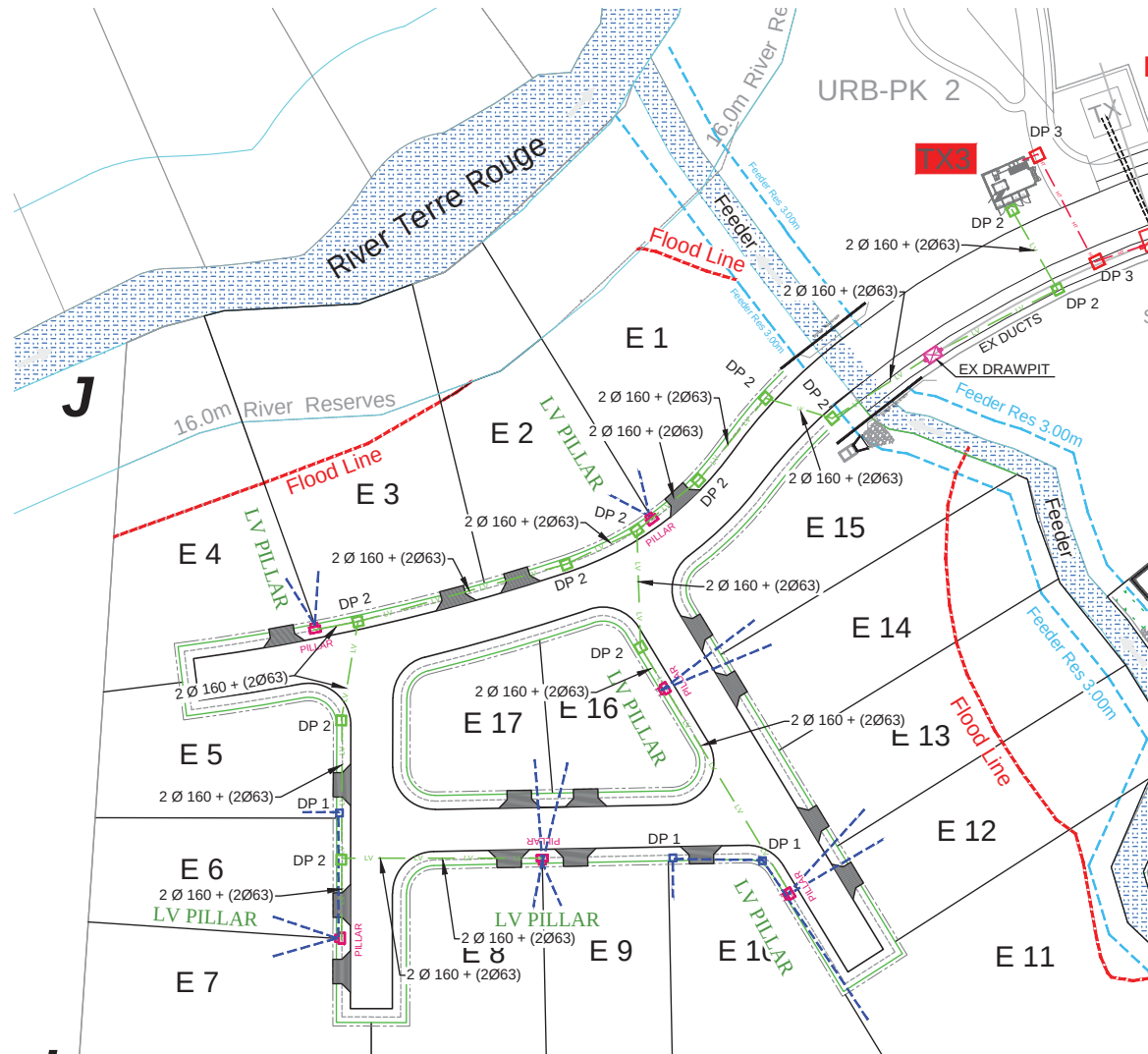
PAPER SIZE : A3

SCALE: 1 / 1000

DATE : NOVEMBER 2024

[illegible]

ELECTRIC LAYOUT (S10)



LEGENDS:

	DP 1 0.8 x 0.8m DRAWPIT (INTERNAL)
	DP 2 1.2 x 1.2m DRAWPIT (INTERNAL)
	DP 3 1.5 x 1.5m HT DRAWPIT (INTERNAL)
	DP 4 1.5 x 2.3m DRAWPIT (INTERNAL)
	PROPOSED PILLAR (LV / HT)
	LV CABLE
	HT CABLE
	PLOT CONNECTION

CLIENT:

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TFax: (230) 466-9691
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PROJECT:
INFRASTRUCTURE WORKS TO SITES
S7, S8, S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:
ELECTRIC LAYOUT (S10)

DRAWING NUMBER:
SPDL/C2024/29/E/S10/LAY/01

DRAWN BY: KG

DESIGN BY: DG

CHECKED BY: ES

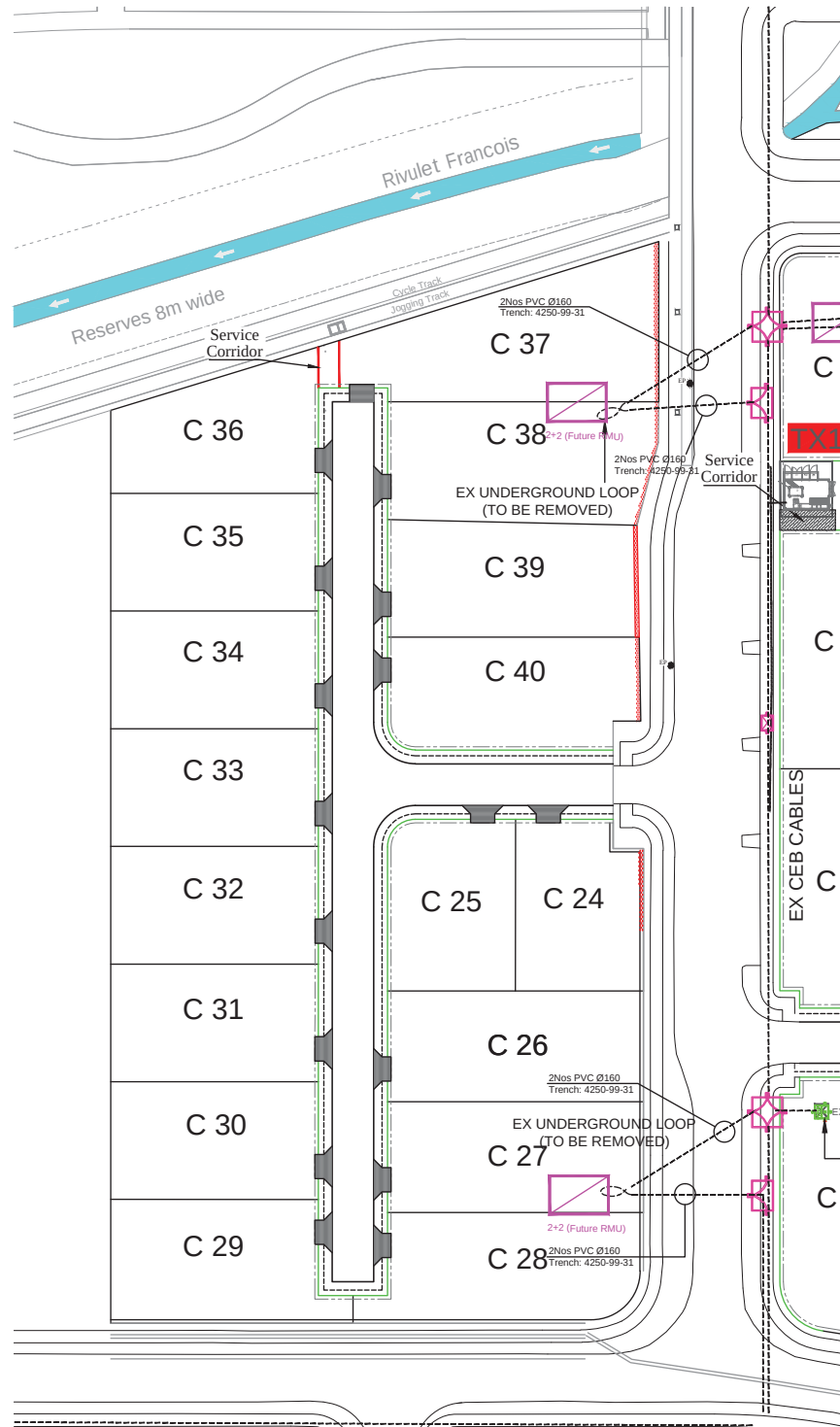
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SCALE: 1 / 1000

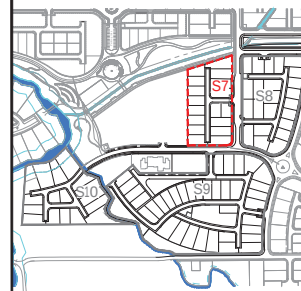
DATE: NOVEMBER 2024

REV	DESCRIPTION	DATE
0	FIRST ISSUE	08.11.2024

EXISTING UNDER GROUND ELECTRIC CABLE LAYOUT (S7)



KEY PLAN:



LEGENDS:

1. THIS LAYOUT IS INDICATIVE ONLY.
2. THE CONTRACTOR HAS TO CONFIRM EXACT LOCATIONS THROUGH TRIAL PITS AS AND WHEN REQUIRED.
3. ANY DAMAGE TO THE UNDERGROUND SERVICES SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OWN COST.

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PROJECT:

INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:

EXISTING UNDERGROUND
CEB CABLES LAYOUT (S7)

DRAWING NUMBER:
SPDL/C2024/29/EC/S7/LAY/01

DRAWN BY: KG

DESIGN BY: DG

CHECKED BY : ES

PAPER SIZE : A3

SCALE: 1 / 750

DATE : NOVEMBER 2024

REV	DESCRIPTION	DATE
0	FIRST ISSUE	08.11.2024

GS 3 Rivulet Francois

GS 4

2Nos PVC Ø160
Trench: 4250-99-31

C 37

C 38

EX UNDERGROUND LOOP
(TO BE REMOVED)

C 39

C 40

25

C 24

C 26

C 27

C 28

EX UNDERGROUND LOOP
(TO BE REMOVED)

2Nos PVC Ø160
Trench: 4250-99-31

EX RMU TO BE
RELOCATED

C 15

C 16

C 14

C 13

C 12

C 11

C 10

C 9

C 8

C 7

C 6

C 5

C 4

C 3

C 2

C 1

C 19

C 20

C 21

C 22

C 17

C 18

EX CEB CABLES

Service Corridor

EX UNDERGROUND LOOP
(TO BE REMOVED)

2+2 (Future RMU)

EX RMU

TX 1

A map of the S7-S10 area. The map shows a grid of streets and lots. A red outline highlights the area labeled S8, which is located to the east of S7 and south of S9. Other labels on the map include S7, S9, S10, and S11.

1. THIS LAYOUT IS INDICATIVE ONLY.
2. THE CONTRACTOR HAS TO CONFIRM EXACT LOCATIONS THROUGH TRIAL PITS AS AND WHEN REQUIRED.
3. ANY DAMAGE TO THE UNDERGROUND SERVICES SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OWN COST.



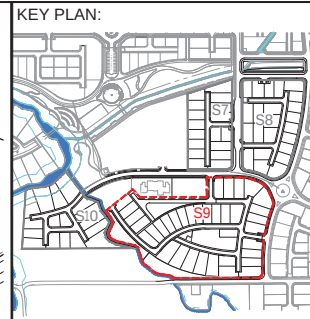
Scene-Ries Consult Ltd.

INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

REV	DESCRIPTION	DATE
0	FIRST ISSUE	08.11.2024

[illegible]

EXISTING UNDER GROUND ELECTRIC CABLE LAYOUT (S9)



- NOTES:
1. THIS LAYOUT IS INDICATIVE ONLY.
 2. THE CONTRACTOR HAS TO CONFIRM EXACT LOCATIONS THROUGH TRIAL PITS AS AND WHEN REQUIRED.
 3. ANY DAMAGE TO THE UNDERGROUND SERVICES SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OWN COST.

CLIENT:

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TFax: (230) 466-9691
E-mail: seenyen@intnet.mu

PROJECT:

INFRASTRUCTURE WORKS TO SITES
S7, S8, S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:

EXISTING UNDERGROUND
CEB CABLES LAYOUT (S9)

DRAWING NUMBER:

SPDL/C2024/29/EC/S9/LAY/01

DRAWN BY: KG

DESIGN BY: DG

CHECKED BY: ES

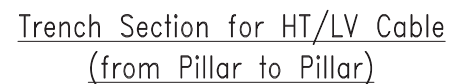
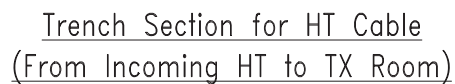
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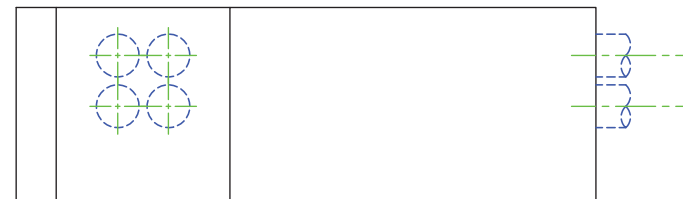
SCALE: 1 / 1000

DATE: NOVEMBER 2024

REV	DESCRIPTION	DATE
0	FIRST ISSUE	08.11.2024

DESCRIPTION	DATE
FIRST ISSUE	08.11.2024

[illegible]

[illegible]

500

60

60

R115

50

R115

60

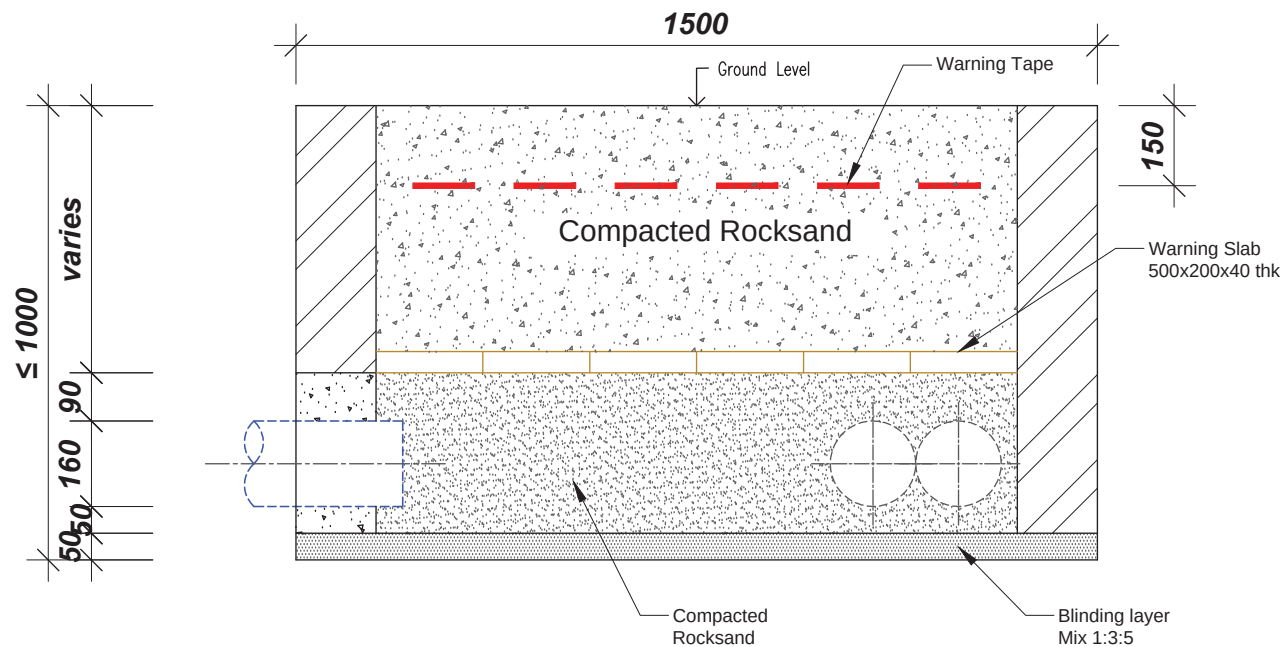
DANGER

ELECTRICITY

CARVED IN CONCRETE:
3 mm DEEP

40

WARNING SLAB DETAILS



REMARKS:



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PROJECT:

INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:

ANGLE DRAW PIT FOR LV CABLE

DRAWING NUMBER:

SPDL/C2024/29/E/TD/03

DRAWN BY: KG

DESIGN BY: DG

CHECKED BY : ES

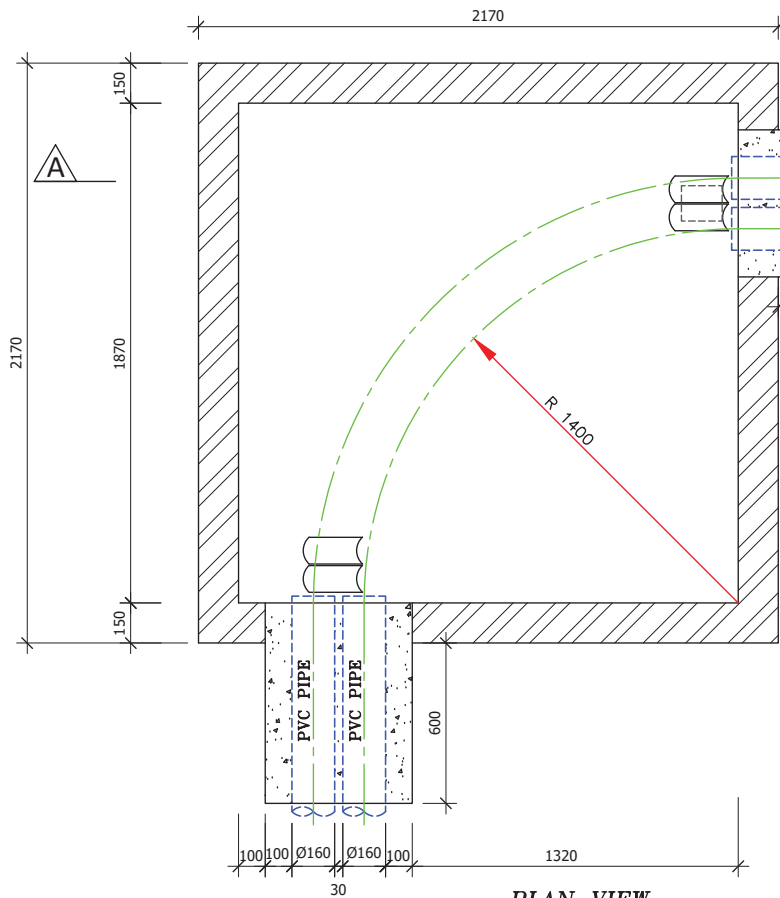
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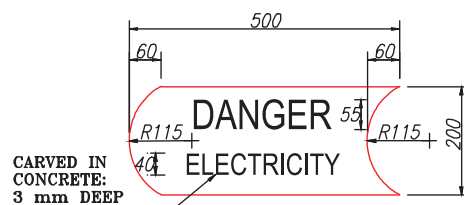
DATE : NOVEMBER 2024

[illegible]

Technical drawing of a square room layout for a ventilation system. The room dimensions are 2170 (width) and 1870 (height). The central square area has a radius of R 1400. Two PVC pipes are shown: one horizontal pipe on the right side and one vertical pipe on the bottom side. The drawing includes dimensions for the room, the central area, and the pipes. A section line 'A-A' is indicated on the right side.



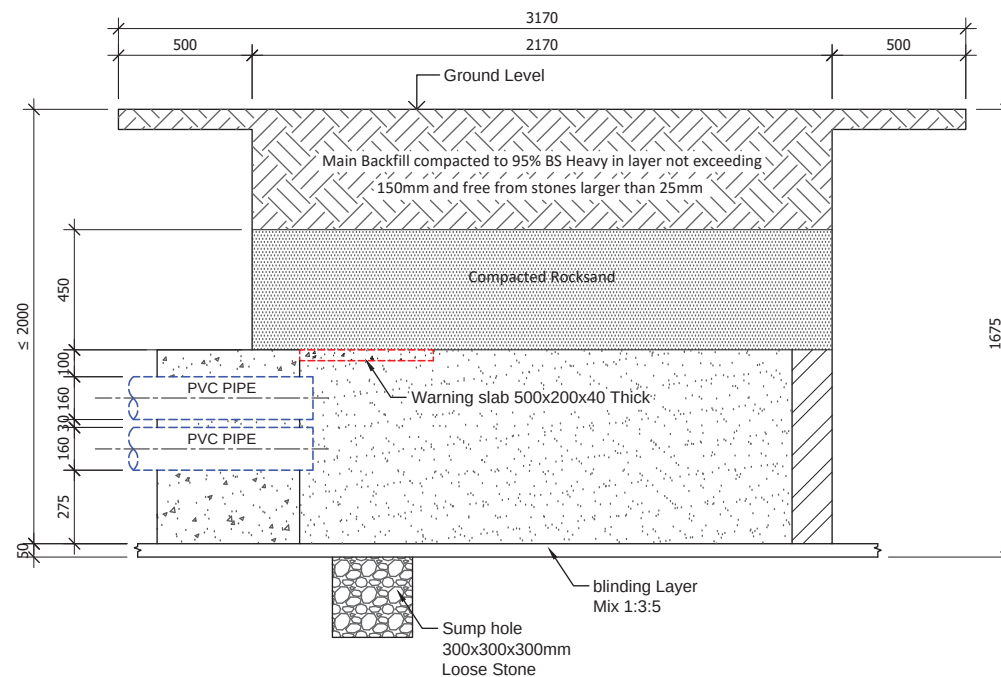
PLAN VIEW



PLAN VIEW



SIDE VIEW
WARNING SLAB DETAILS



SECTION A-A

REMARKS:



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PROJECT:
INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:

ANGLE DRAW PIT FOR HT CABLE

DRAWING NUMBER:

SPDL/C2024/29/E/TD/04

DRAWN BY: KG

DESIGN BY: DG

CHECKED BY : ES

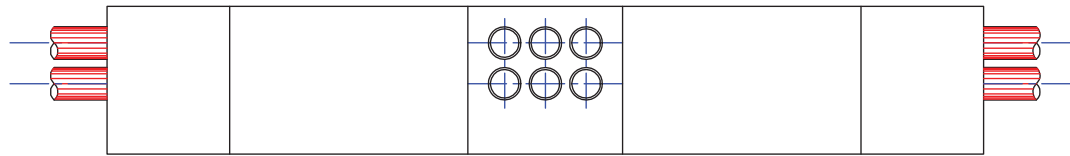
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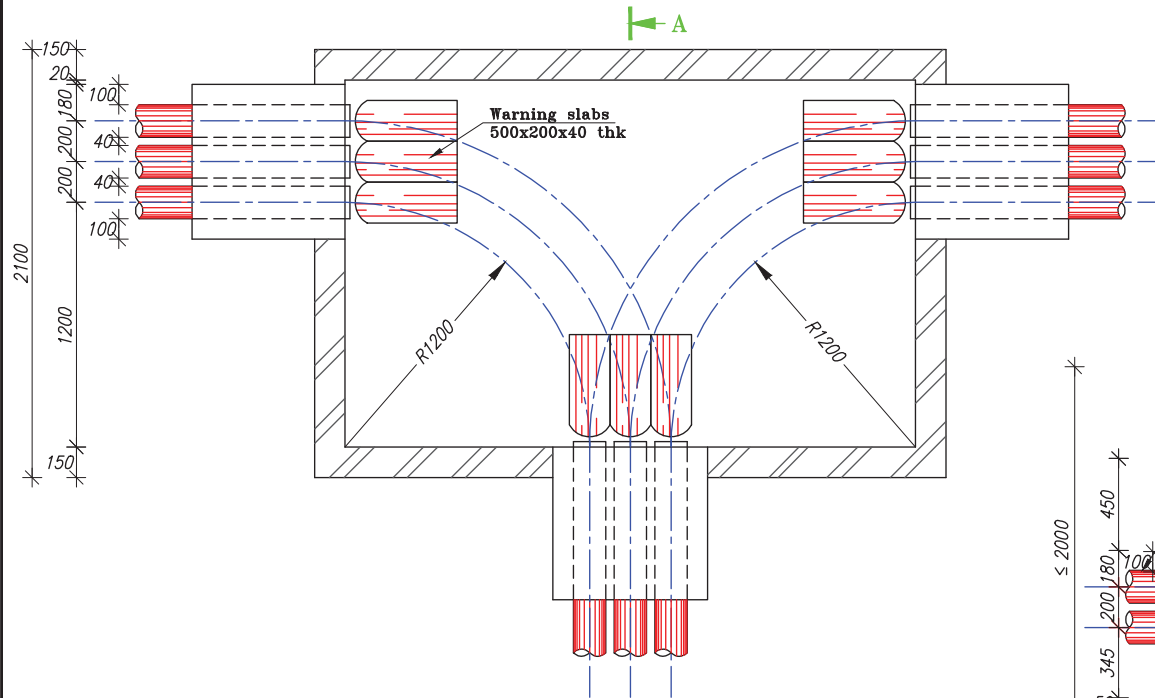
DATE : NOVEMBER 2024

DESCRIPTION	DATE
FIRST ISSUE	08.11.2024

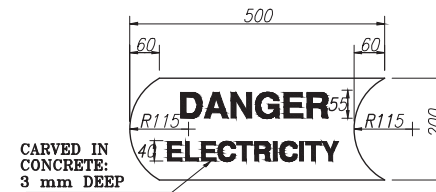
T- DRAW PIT



FRONT ELEVATION



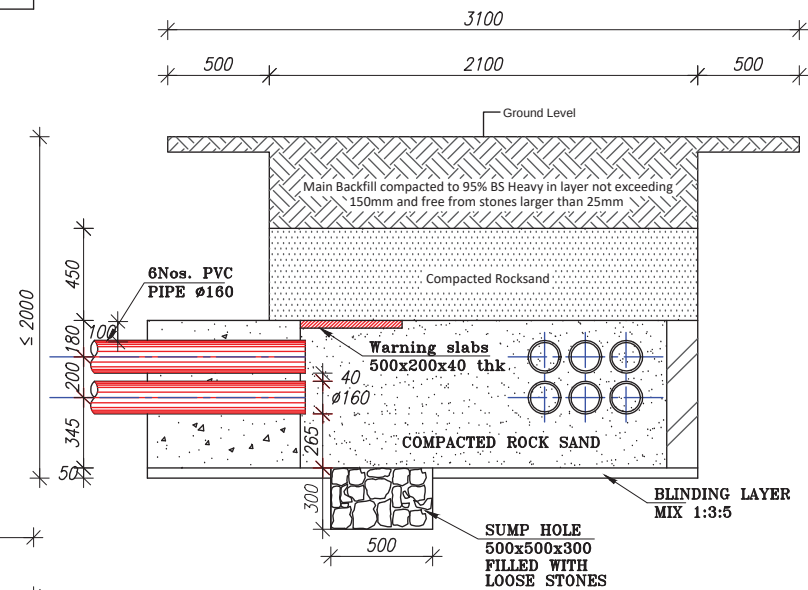
PLAN VIEW



PLAN VIEW



SIDE VIEW
WARNING SLAB DETAILS



SECTION A-A

KEY PLAN:

REMARKS:



Fax: 696 4118

CONSULTANT:



PROJECT:
INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:
T-DRAW PIT DETAILS FOR U/G
CABLES

DRAWING NUMBER:
SPDL/C2024/29/E/TD/05

DRAWN BY: KG

DESIGN BY: DG

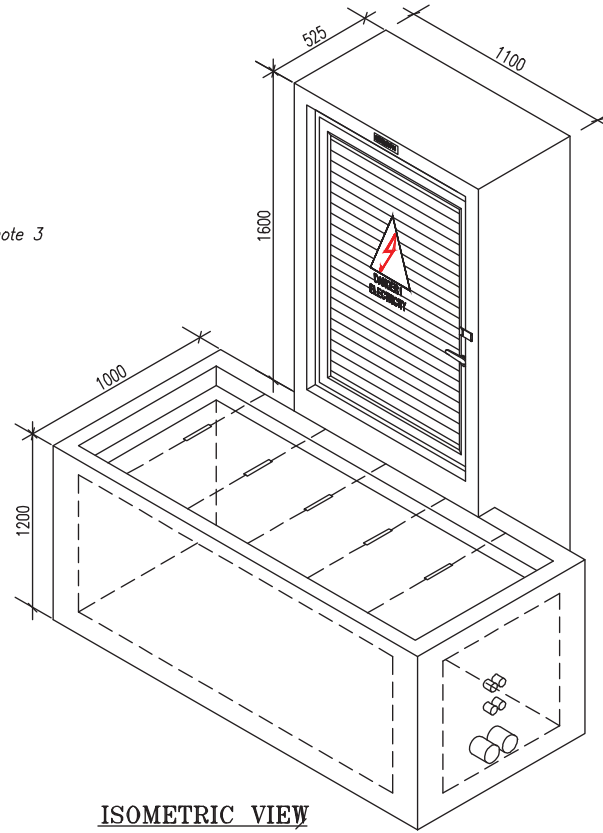
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PAPER SIZE : A3

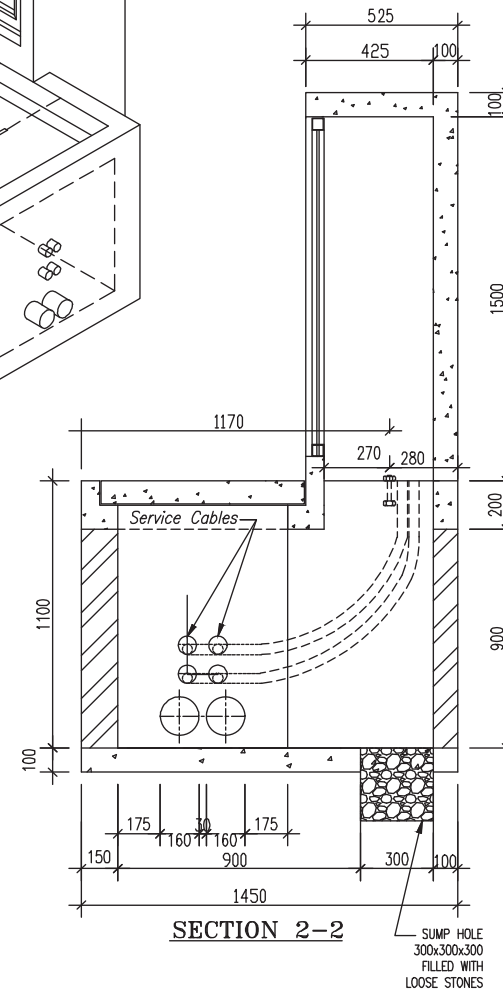
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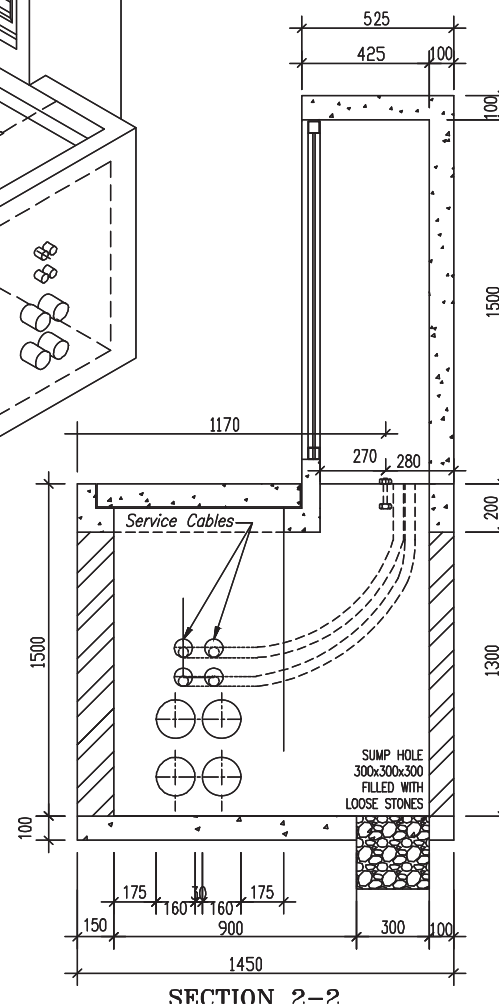
DATE : NOVEMBER 2024

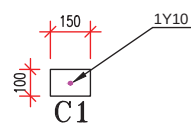
[illegible]



ISOMETRIC VIEW
(N.T.S)

[illegible]

[illegible]



KEY PLAN:

REMARKS:

- (a) All concrete to be grade 30.
- (b) Cover to reinforcement 20mm.
- (c) Exact positions of duct entry into the cubicle to be finalised with electrical sub-contractor and CEB's representative.
- (d) Exact position of cubicle should be confirmed with CEB's representative after setting out on site.
- (e) Internal rendering to be 10mm thick CEMENT:SAND (1:3).
- (f) External rendering to be 15mm thick.



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PROJECT:

INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:

TYPICAL LV PILLAR
REINFORCEMENT DETAILS

DRAWING NUMBER:

SPDL/C2024/29/E/TD/08

DRAWN BY: KG

DESIGN BY: DG

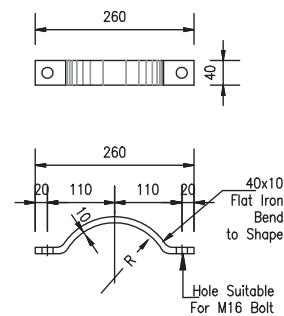
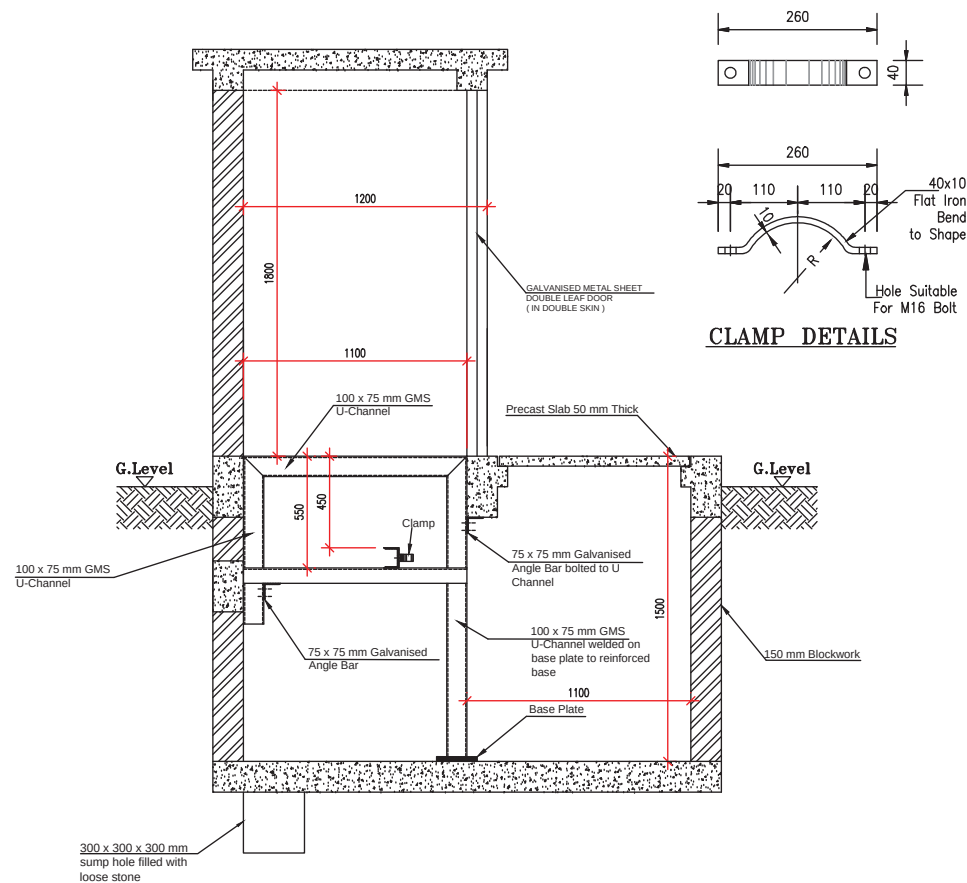
CHECKED BY : ES

PAPER SIZE : A3

SCALE : N.T.S.

DATE : NOVEMBER 2024

[illegible]



CLAMP DETAILS



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396 4118

Fax: 696 4118



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TFax: (230) 466-9691
E-mail: seenyen@intnet.mu

[illegible]

KEY PLAN:

REMARKS:

- (a) All concrete to be grade 30.
(b) Cover to reinforcement 20mm.
(c) Exact positions of duct entry into the cubicle to be finalised with electrical sub-contractor and CEB's representative.
(d) Exact position of cubicle should be confirmed with CEB's representative after setting out on site.
(e) Internal rendering to be 10mm thick CEMENT:SAND (1:3).
(f) External rendering to be 15mm thick.



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PROJECT:

INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:

OUTDOOR RING MAIN UNIT HOUSING
REINFORCEMENT DETAILS

DRAWING NUMBER:

SPDL/C2024/29/E/TD/10

DRAWN BY: KG

DESIGN BY: DG

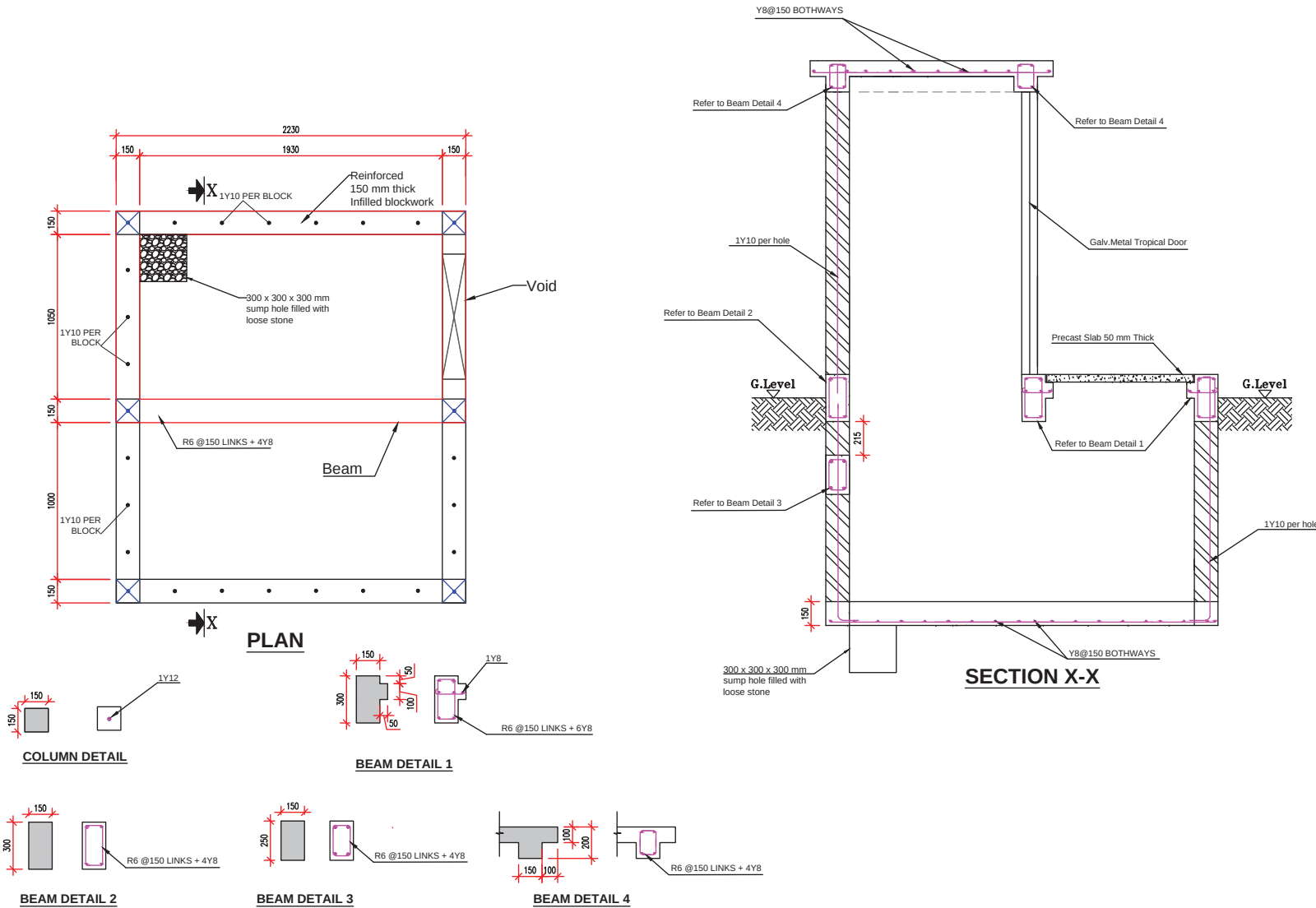
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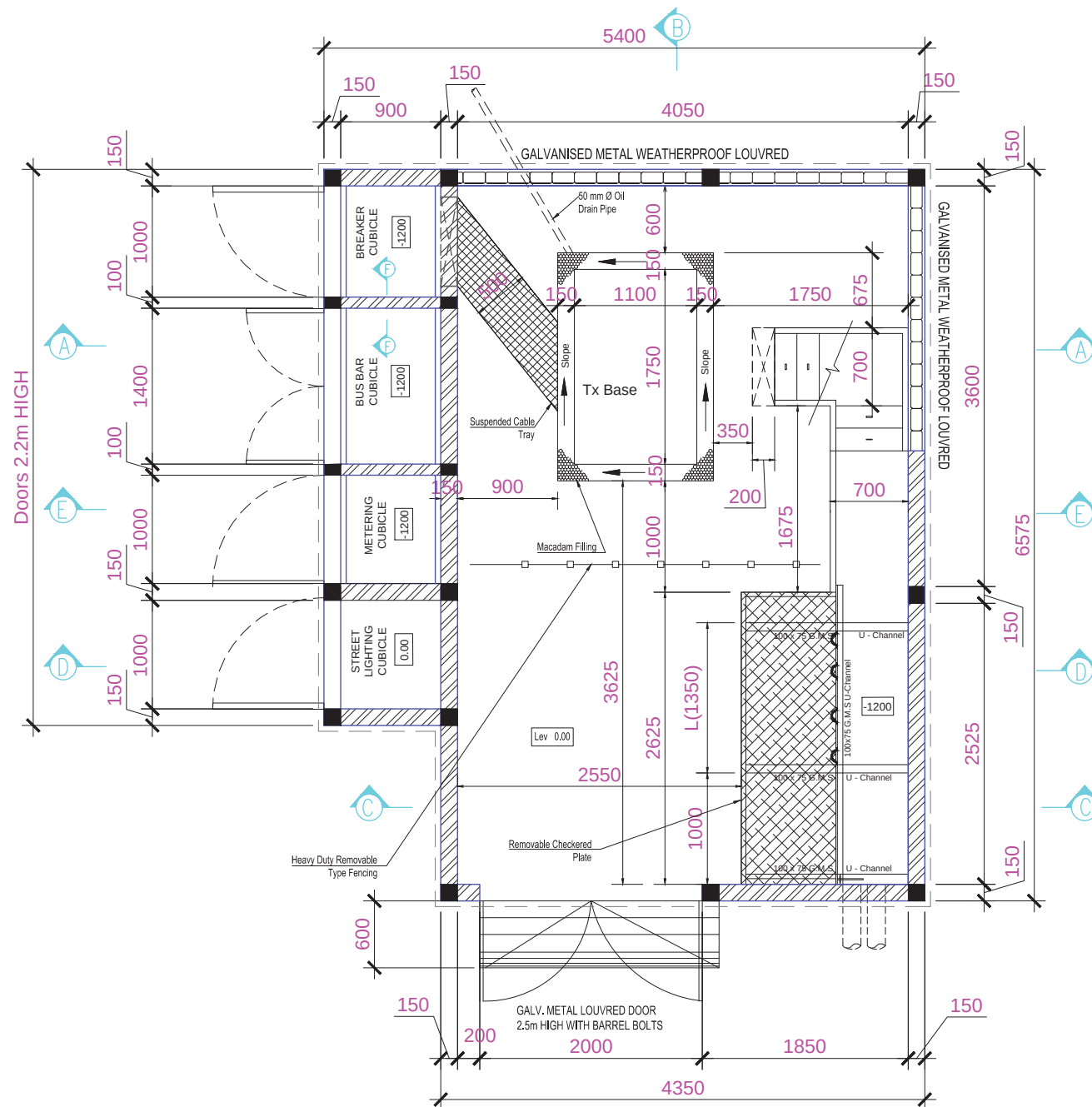
SCALE : NTS

DATE : NOVEMBER 2024

DESCRIPTION	DATE
FIRST ISSUE	08.11.2024



TRANSFORMER ROOM



PLAN

- NOTES:
- Radius of clamp varies on external diameter of 22kV cable.
 - Positioning of clamp onto the horizontal cable support can only be determined after the RMU has been fixed and cable termination completed.
 - The horizontal distance L and width W vary with the type of the RMU to be installed. In this drawing L = 1350 because it refers to an ABB RMU.

LEGENDS:

CLIENT:



CONSULTANT:

Scene-Ries Consult Ltd.
 3, Théliemaque Street, Rose Hill, Mauritius
 Tel: (230) 465-4046, 466-9691
 TFax: (230) 466-9691
 E-mail: seenyen@intnet.mu

PROJECT:
 INFRASTRUCTURE WORKS TO SITES
 S7, S8, S9 & S10
 IN MORCELLEMENT AUREA
 LIVING HARMONY, COTE D'OR

DRAWING TITLE:
 LAYOUT PLAN FOR TRANSFORMER
 BUILDING

DRAWING NUMBER:
 SPDL/C2024/29/TR/01

DRAWN BY: KG

DESIGN BY: DG

CHECKED BY: ES

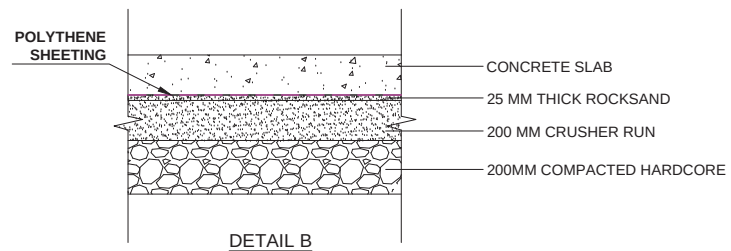
PAPER SIZE: A3

SCALE: N.T.S

DATE: NOVEMBER 2024

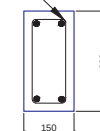
REV	DESCRIPTION	DATE
0	FIRST ISSUE	08.11.2024

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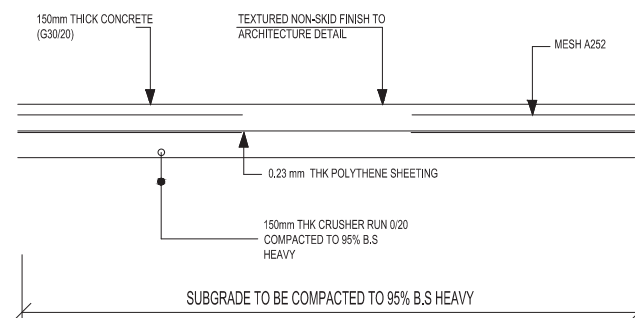


REV	DESCRIPTION	DATE
0	FIRST ISSUE	08.11.2024

[illegible]



GROUND BEAM
DETAIL AT
SECTION F-F



TYPICAL SECTION THROUGH RAMP

LEGENDS:

CLIENT:



CONSULTANT:



PROJECT:
INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:
REINFORCEMENT DETAILS
FOR TRANSFORMER BUILDING

DRAWING NUMBER:
SPDL/C2024/29/TR/08

DRAWN BY: KG

DESIGN BY: DG

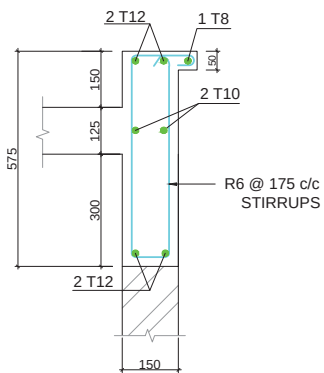
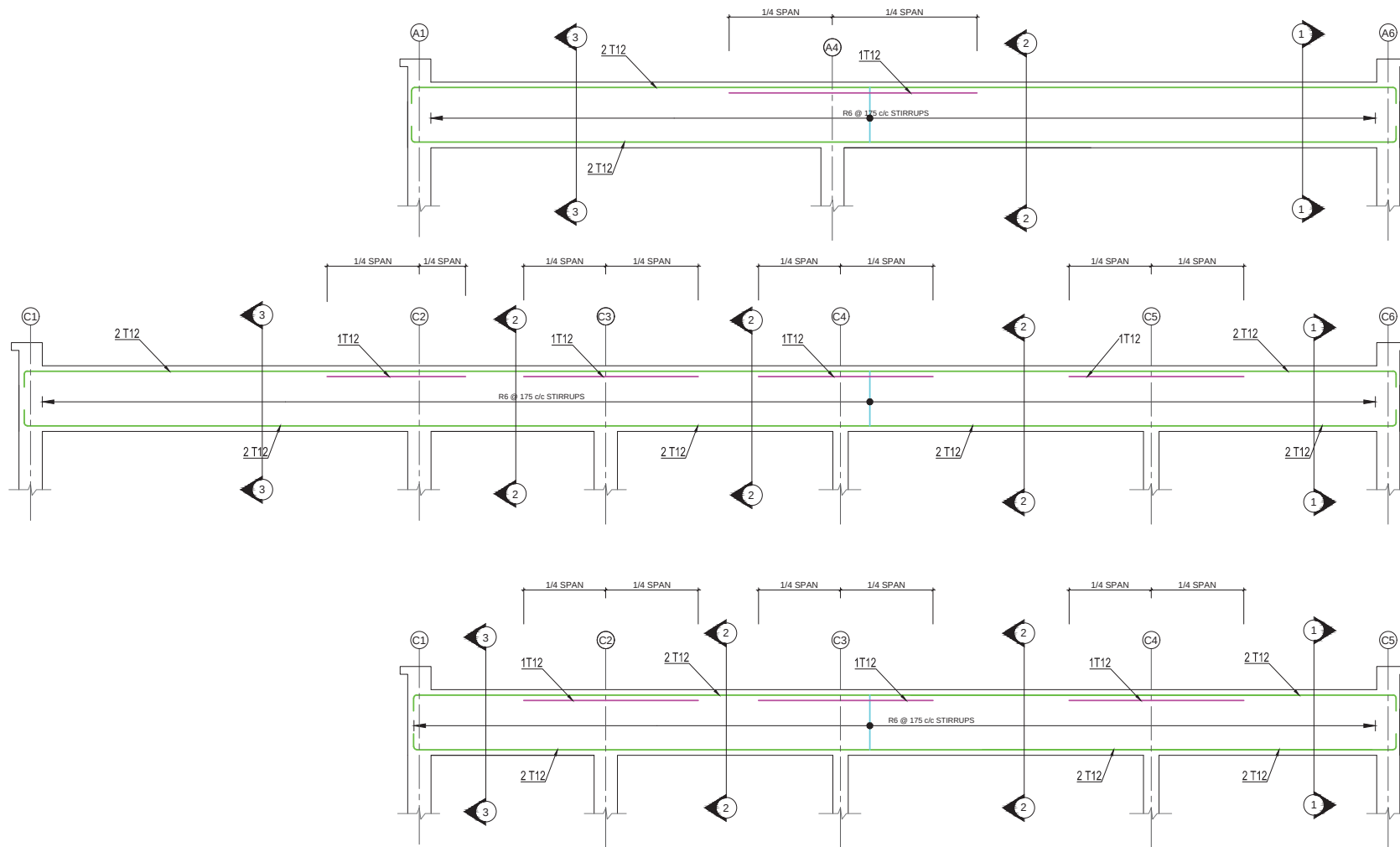
CHECKED BY : ES

PAPER SIZE : A3

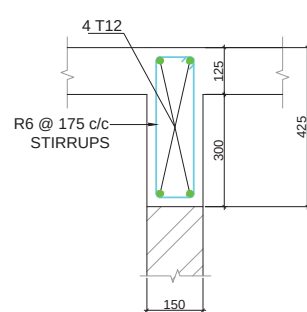
SCALE: N.T.S.

DATE : NOVEMBER 2024

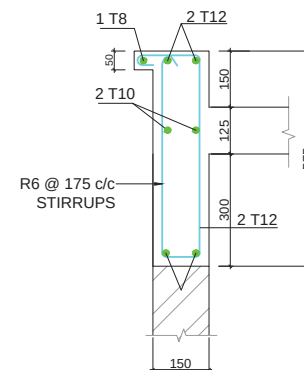
[illegible]



SECTION 1 - 1



SECTION 2 - 2



SECTION 3 - 3

LEGENDS:

CLIENT:



CONSULTANT:



PROJECT:

INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:

BEAM REINFORCEMENT DETAILS
FOR TRANSFORMER BUILDING

DRAWING NUMBER:

SPDL/C2024/29/TR/11

DRAWN BY:

KG

DESIGN BY:

DG

CHECKED BY:

ES

PAPER SIZE:

A3

SCALE:

N.T.S

DATE:

NOVEMBER 2024

REV	DESCRIPTION	DATE
0	FIRST ISSUE	08.11.2024



1. ANY DISCREPANCY TO BE REPORTED TO THE ENGINEER.
2. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
3. USE FIGURED DIMENSIONS, DO NOT SCALE FROM DRAWINGS.
4. FORMWORK AND REINFORCEMENT TO BE INSPECTED AND APPROVED BY THE ENGINEER BEFORE CONCRETING.
5. CONCRETE GRADE C30 FOR COLUMNS, BEAMS AND SLABS.
6. CONCRETE COVER FOR SLABS 25mm .
7. MAXIMUM SLAB THICKNESS TO BE 140MM AND MINIMUM SLAB THICKNESS TO BE 125MM TO ALLOW FOR RAIN WATER DRAINAGE.
8. MINIMUM LAP TO REINFORCEMENT TO BE 40Ø BAR.
9. REINFORCEMENT: HIGH YIELD STEEL AND MILD STEEL DEFORMED TO BS 4449.
10. THESE DRAWINGS IS NOT TO BE USED IN WHOLE OR PART OTHER THAN FOR THE INTENDED PURPOSE AND PROJECT.

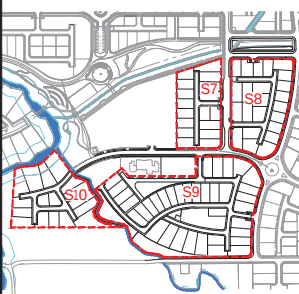
[illegible]

STREET LIGHTING

STREET LIGHTING LAYOUT (GENERAL)



KEY PLAN:



LEGENDS:

- Proposed Location of Poles 6mt high c/w LED Lantern
- Existing Street Lighting Poles
- Armoured Cable -5C 2.5mm²

CLIENT:

SIT
SIT PROPERTY DEVELOPMENT LTD
Ground Floor NG Tower Cybercity Ebene
Tel: 466-4747 - Fax: 466-6566
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CONSULTANT:

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3, Théliemaque Street, Rose Hill, Mauritius
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E-mail: seenyen@intnet.mu

PROJECT:
INFRASTRUCTURE WORKS TO SITES
S7, S8, S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:
STREET LIGHTING LAYOUT (GENERAL)

DRAWING NUMBER:
SPDL/C2024/29/SL/S7-S10/LAY/01

DRAWN BY: KG
DESIGN BY: DG
CHECKED BY: ES
PAPER SIZE: A3
SCALE: N.T.S
DATE: NOVEMBER 2024

REV	DESCRIPTION	DATE
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The site plan illustrates the layout of the 'Rivulet Francois' area. At the top, the Rivulet Francois flows from left to right, with an 8m wide reserve on its left bank. Adjacent to the river are a Cycle Track and a Jogging Track. The plan shows several building footprints labeled C 24 through C 40. A central area is designated as 'LOOP 2'. Parking lots are labeled L1 through L8. A 'Service Corridor' is shown running along the right side of the buildings. A green dashed line forms a loop through the site, connecting various points. The plan also shows a 'Service Corridor' on the right side, near building C 1. The Rivulet Francois is shown at the top with an 8m wide reserve. A cycle track and jogging track are also present.

Proposed Location of Poles
6m high c/w LED Lantern

Existing Street
Lighting Poles

Armoured Cable LOOP 2
-5C 2.5mm²

CLIENT:

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INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

STREET LIGHTING LAYOUT (S7)

DRAWN BY: KG

CHECKED BY : ES

SCALE: 1 / 750

DATE : NOVEMBER 2024

REV	DESCRIPTION	DATE
0	FIRST ISSUE	08.11.2024

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The site plan illustrates a residential development with various lots and a proposed electrical distribution network. Key features include:

- Proposed Location for Electrical Distribution Panel:** Indicated by a red box labeled "E3" in the upper left area, near the "Service Corridor".
- Loop 1:** A dashed line labeled "LOOP 1" connects the distribution panel to the "EX RMU" (Existing Remote Metering Unit) located near lot C 16.
- Lot Labels:** Lots are labeled C 1 through C 24, arranged in a grid-like pattern.
- Service Corridor:** A red line labeled "Service Corridor" runs along the left side of the development.
- Water Features:** "Rivulet Francois" is shown at the top, with "GS 3" and "GS 4" indicating specific points or structures.
- Other Labels:** "L1" through "L9" are marked along the distribution path, and "L10" is marked near the "EX RMU".

A map of the S7-S10 area. The map shows a grid of streets and lots. A red rectangle highlights the area labeled S8. Other labels on the map include S7, S9, S10, and S11. The map also shows a river or stream flowing through the area.

Proposed Location of Poles
6mt high c/w LED Lantern

Existing Street
Lighting Poles

Armoured Cable LOOP 1
-5C 2.5mm²



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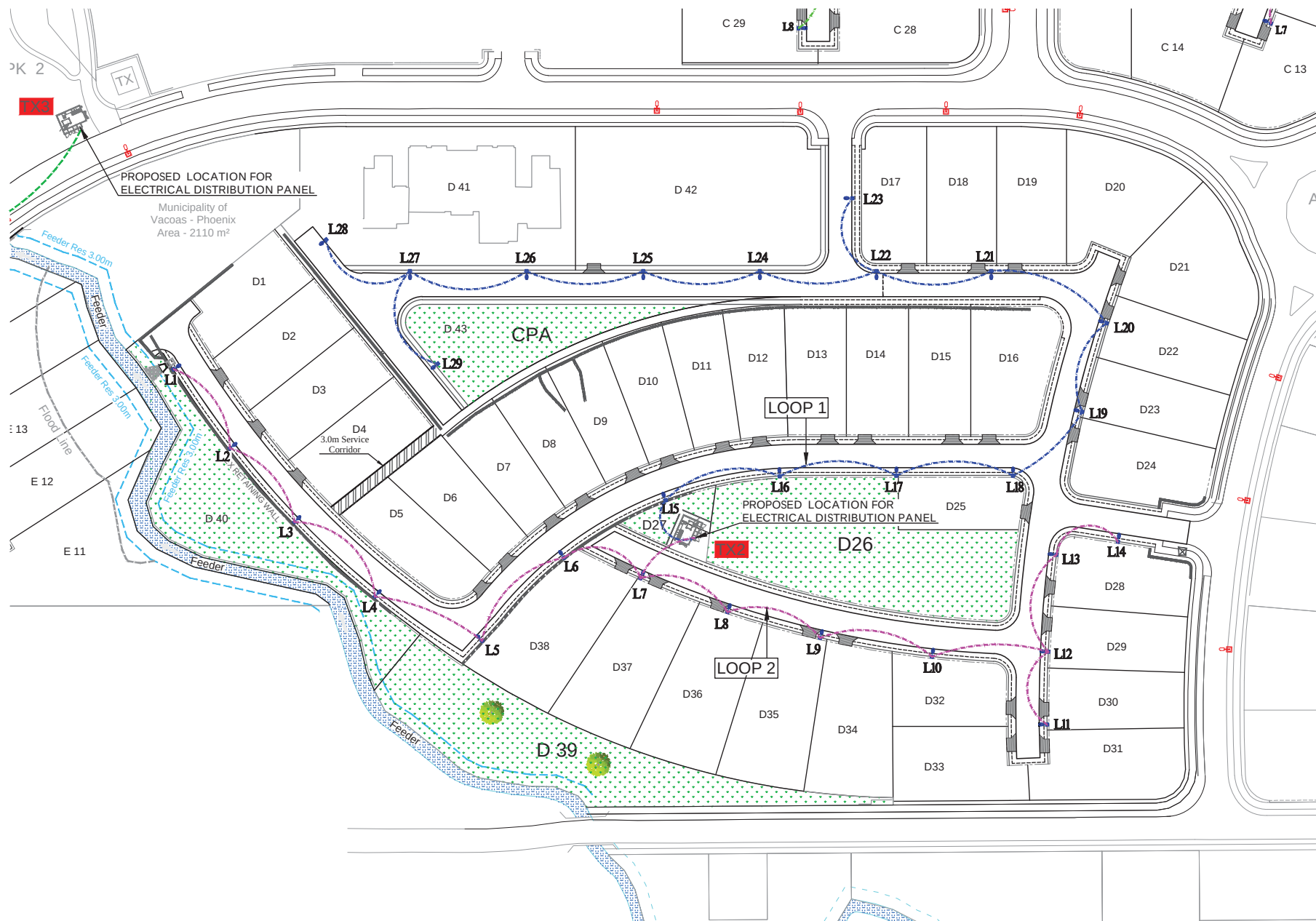
 **Scene-Ries Consult Ltd.**
3, Thélémaque Street, Rose Hill, Mauritius
Tel: (230) 465-4046, 466-9691
TFax: (230) 466-9691
E-mail: seenyen@intnet.mu

DRAWING TITLE:
STREET LIGHTING LAYOUT (S8)

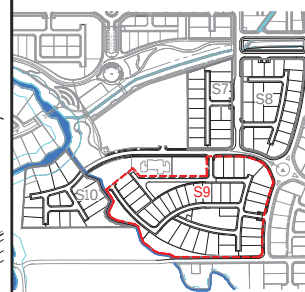
DATE : NOVEMBER 2024

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STREET LIGHTING LAYOUT (S9)



KEY PLAN:



LEGENDS:



Proposed Location of Poles
6mt high c/w LED Lantern



Existing Street Lighting Poles

Armoured Cable LOOP 1

Armoured Cable LOOP 2
-5C 2.5mm²

CLIENT:



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E-mail : sitrust@intnet.mu

CONSULTANT:



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TFax: (230) 466-9691
E-mail: seenyen@intnet.mu

PROJECT:

INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:

STREET LIGHTING LAYOUT (S9)

DRAWING NUMBER:

SPDL/C2024/29/SL/S9/LAY/01

DRAWN BY: KG

DESIGN BY: DG

CHECKED BY : ES

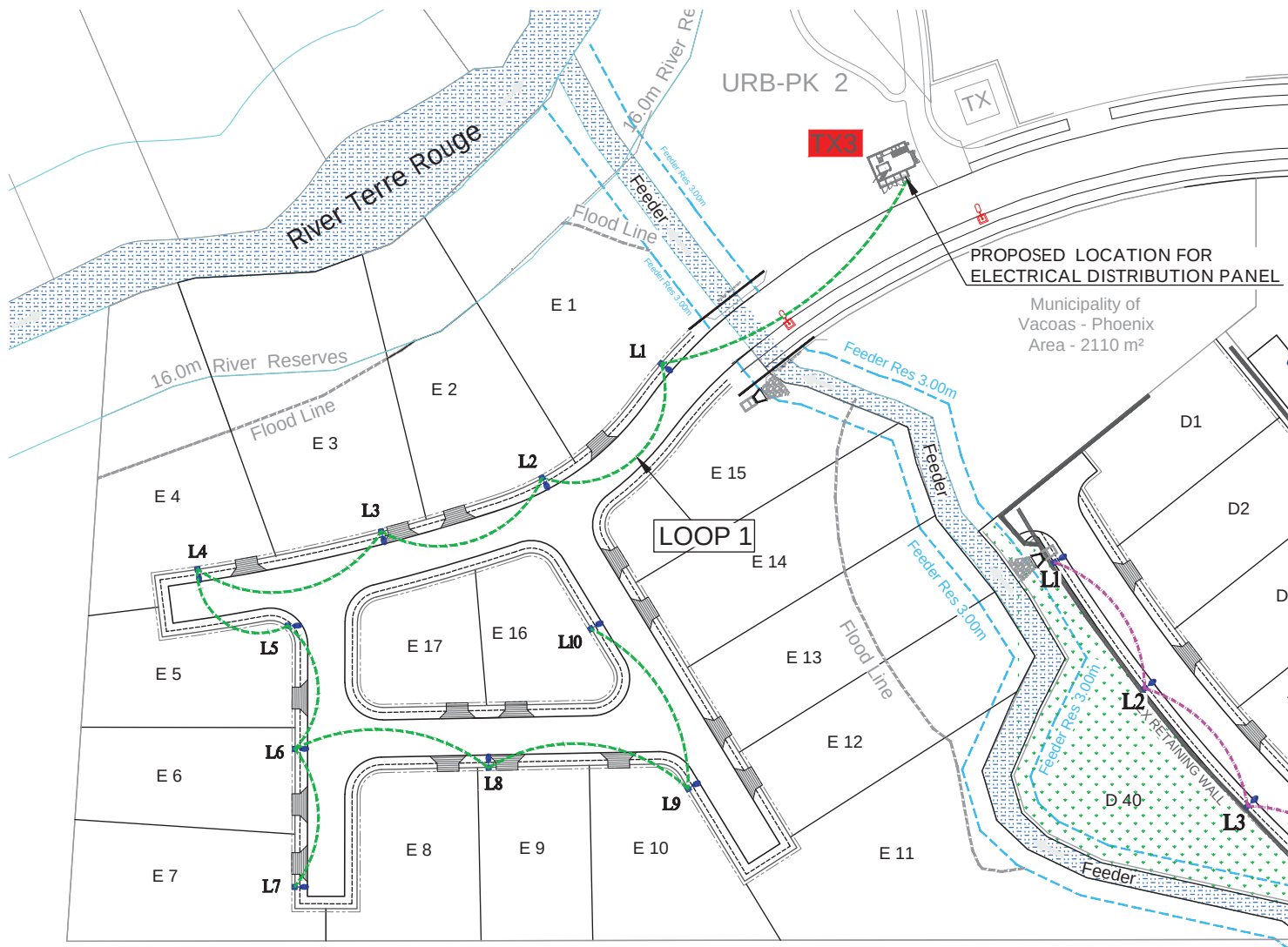
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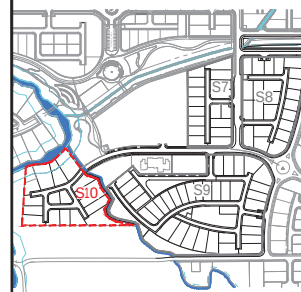
DATE : NOVEMBER 2024

[illegible]

STREET LIGHTING LAYOUT (S10)



KEY PLAN:



LEGENDS:



Proposed Location of Poles
6mt high c/w LED Lantern



Existing Street
Lighting Poles

Armoured Cable LOOP 1
-5C 2.5mm²

CLIENT:



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Tel : 406 4747 . Fax : 466 6566
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TFax: (230) 466-9691
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PROJECT:

INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:

STREET LIGHTING LAYOUT (S10)

DRAWING NUMBER:

SPDL/C2024/29/SL/S10/LAY/01

DRAWN BY: KG

DESIGN BY: DG

CHECKED BY : ES

PAPER SIZE : A3

SCALE: 1 / 1000

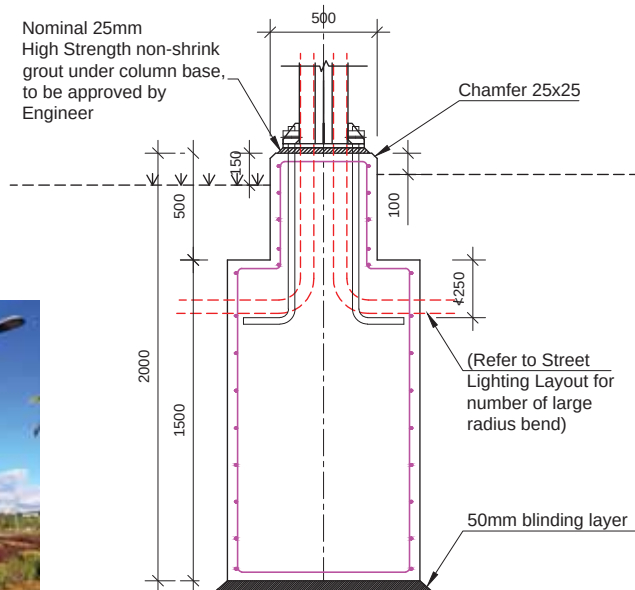
DATE : NOVEMBER 2024

REV	DESCRIPTION	DATE
0	FIRST ISSUE	08.11.2024

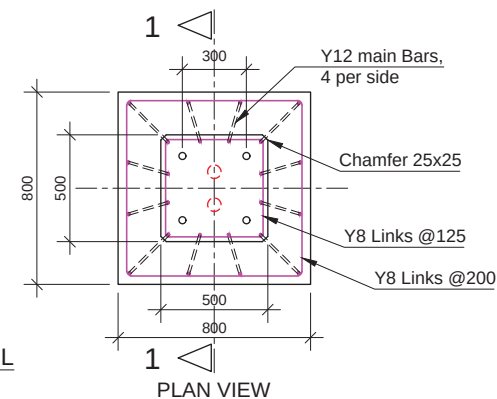
OFF ROAD - SAND BEDDING AND SURROUND (Type S)



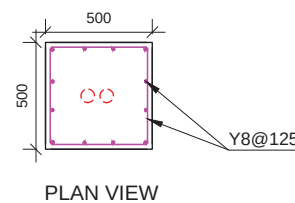
ON ROAD - CONCRETE BED AND SURROUND (Type A)



SECTION 1-1



LIGHTING BOLLARD DETAIL



REMARKS:

Foundation to be redesigned by Contractor on the Basis of type of lighting column proposed and for Cyclonic wind of 300 Km/h.

- The column shall be capable of supporting single and double bracket.
- Concrete to be grade 30.
- Cover to be 40 mm.
- Bolts to be held in place with template during casting.
- Design of base relies on fully compacted backfill to all sides.



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Tel: (230) 465-4046, 466-9691
TFax: (230) 466-9691
E-mail: seenven@intnet.mu

PROJECT:

INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:

STREET LIGHTING DETAILS

DRAWING NUMBER:

SPDL/C2024/29/SL/TD/01

DRAWN BY: KG

DESIGN BY: DG

CHECKED BY : ES

PAPER SIZE :

SCALE : NTS

DATE : NOVEMBER 2024

[illegible]

DRAWPIT FOR STREET LIGHTING DUCTS

KEY PLAN:

REMARKS:



SIT PROPERTY DEVELOPMENT LTD
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Tel : 406 4747 - Fax : 466 6566
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Fax: 696 4118

CONSULTANT:



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Tel: (230) 465-4046, 466-9691
TFax: (230) 466-9691
E-mail: seenyen@sitnet.mu

PROJECT:

INFRASTRUCTURE WORKS TO SITES
S7, S8, S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:

DRAWPIT FOR
STREET LIGHTING DUCTS

DRAWING NUMBER:

SPDL/C2024/29/SL/TD/02

DRAWN BY: KG

DESIGN BY: DG

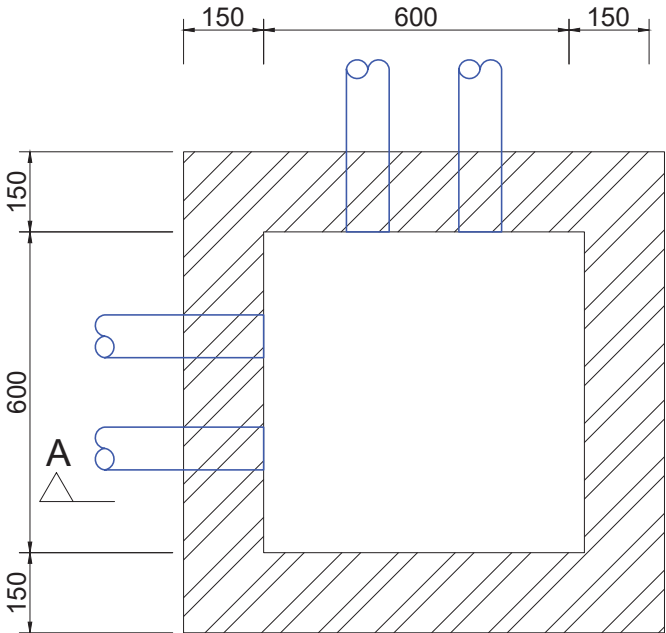
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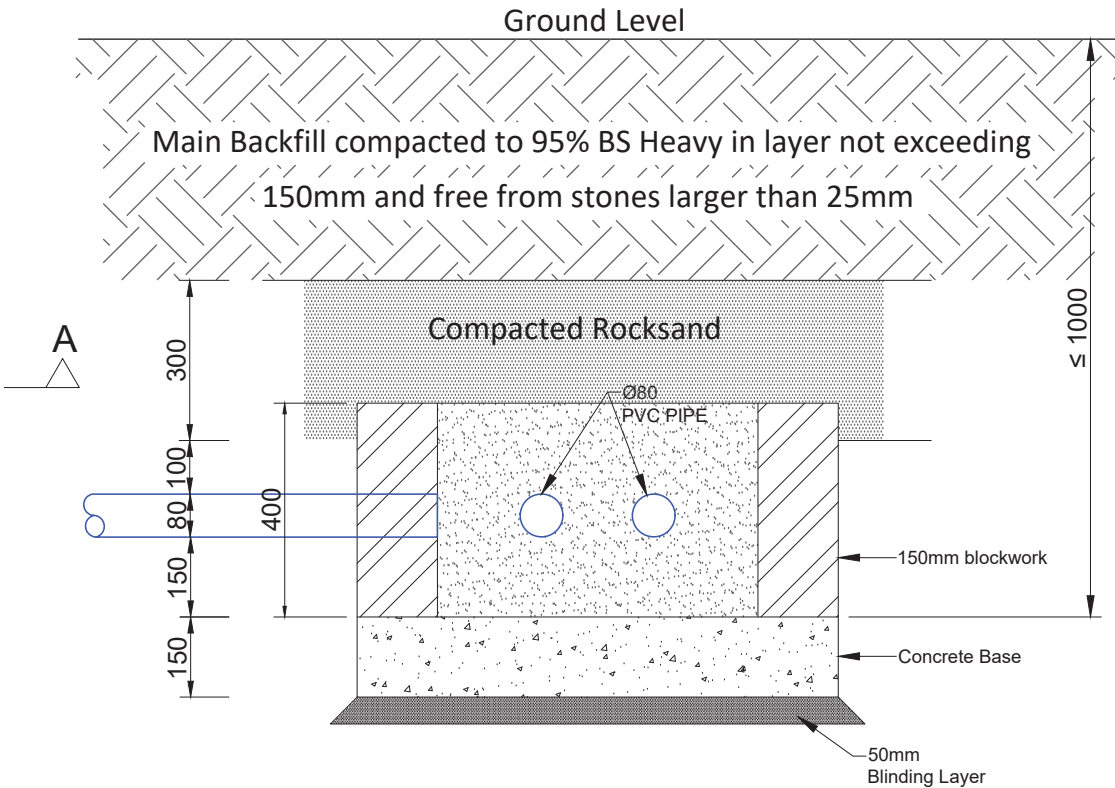
SCALE: NTS

DATE: NOVEMBER 2024

DESCRIPTION	DATE
FIRST ISSUE	08.11.2024



Plan view



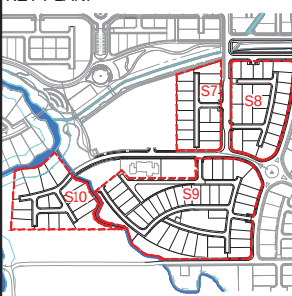
Section A-A

TELECOMMUNICATION WORKS

TELECOM LAYOUT (GENERAL)



KEY PLAN:



LEGENDS:

	MANHOLE WITH CUBICLE/DP
	DUCT ROUTE
	PLOT CONNECTION

CLIENT:

SIT
SIT PROPERTY DEVELOPMENT LTD
Ground Floor NG Tower Cybercity, Ebene
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E-mail : sitraa@intnet.mu

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TFax: (230) 466-9691
E-mail: seenyen@intnet.mu

PROJECT:
INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:
TELECOM LAYOUT (GENERAL)

DRAWING NUMBER: SPDL/C2024/29/T/S7-S10/LAY/01		
DRAWN BY: KG		
DESIGN BY: DG		
CHECKED BY : ES		
PAPER SIZE : A3		
SCALE: N.T.S		
DATE : NOVEMBER 2024		
REV	DESCRIPTION	DATE
0	FIRST ISSUE	08.11.2024

The diagram is a detailed site plan for a residential development. It features a central watercourse, the 'Rivulet Francois', which runs diagonally from the top left towards the bottom right. Along the left side of the watercourse, there is an '8m wide' reserve. A 'Cycle Track' and 'Logging Track' are shown running parallel to the watercourse. The site is divided into several plots, each labeled with a number and a color-coded circle. The plots are arranged in a grid-like fashion, with some plots having specific dimensions and features. The plots are labeled as follows:

- C 36 (7 06)
- C 35 (7 05)
- C 34 (6 05)
- C 33 (6 04)
- C 32 (6 03)
- C 31 (5 06)
- C 30 (5 05)
- C 29 (5 04)
- C 37 (7 01)
- C 38 (7 02)
- C 39 (7 03)
- C 40 (7 04)
- C 25 (6 02)
- C 24 (6 01)
- C 26 (5 01)
- C 27 (5 02)
- C 28 (5 03)

The plan also includes various dimensions and features, such as '1045 6m00', '1045 8m00', '1045 20m00', '1045 5m', '2060+3045 21m00', '25m 4045', '25m 2045', '2060+3045 14m00', and '3060'. A red line indicates a proposed path or boundary, and a green line indicates a proposed path or boundary. A blue line indicates a proposed path or boundary. A yellow line indicates a proposed path or boundary. A purple line indicates a proposed path or boundary. A pink line indicates a proposed path or boundary. A brown line indicates a proposed path or boundary. A grey line indicates a proposed path or boundary. A white line indicates a proposed path or boundary. A black line indicates a proposed path or boundary.

	MANHOLE WITH CUBICLE/DP
	DUCT ROUTE
	PLOT CONNECTION

CLIENT:



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TFax: (230) 466-9691
E-mail: seenyen@intnet.mu

PROJECT:
INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:
TELECOM LAYOUT (S7)

DRAWING NUMBER:
SPDL/C2024/29/T/S7/LAY/01

DRAWN BY: KG

DESIGN BY: DG

CHECKED BY : ES

PAPER SIZE : A3

SCALE: 1 / 750

DATE : NOVEMBER 2024

[illegible]

The site plan shows a residential development with 20 lots (C 1 to C 20) and 10 additional lots (C 21 to C 30). The lots are numbered with a circled number and a date in parentheses, e.g., C 1 (1 | 01). The plan includes various infrastructure elements such as roads, paths, and utilities. A central road is labeled 'Rivulet Francois'. A large area is marked 'K2C NO 65'. The plan also shows a 'GS 3' and 'GS4' area at the top. The lots are numbered with a circled number and a date in parentheses, e.g., C 1 (1 | 01).

A map of the study area showing the location of the S8 site. The map displays a network of roads and a river. The S8 site is highlighted in red and is located near the intersection of a major road and a river. Other sites are labeled S7, S9, and S10. The map also shows a large area labeled 'S10' in the bottom left corner.

	MANHOLE WITH CUBICLE/DP
	DUCT ROUTE
	PLOT CONNECTION



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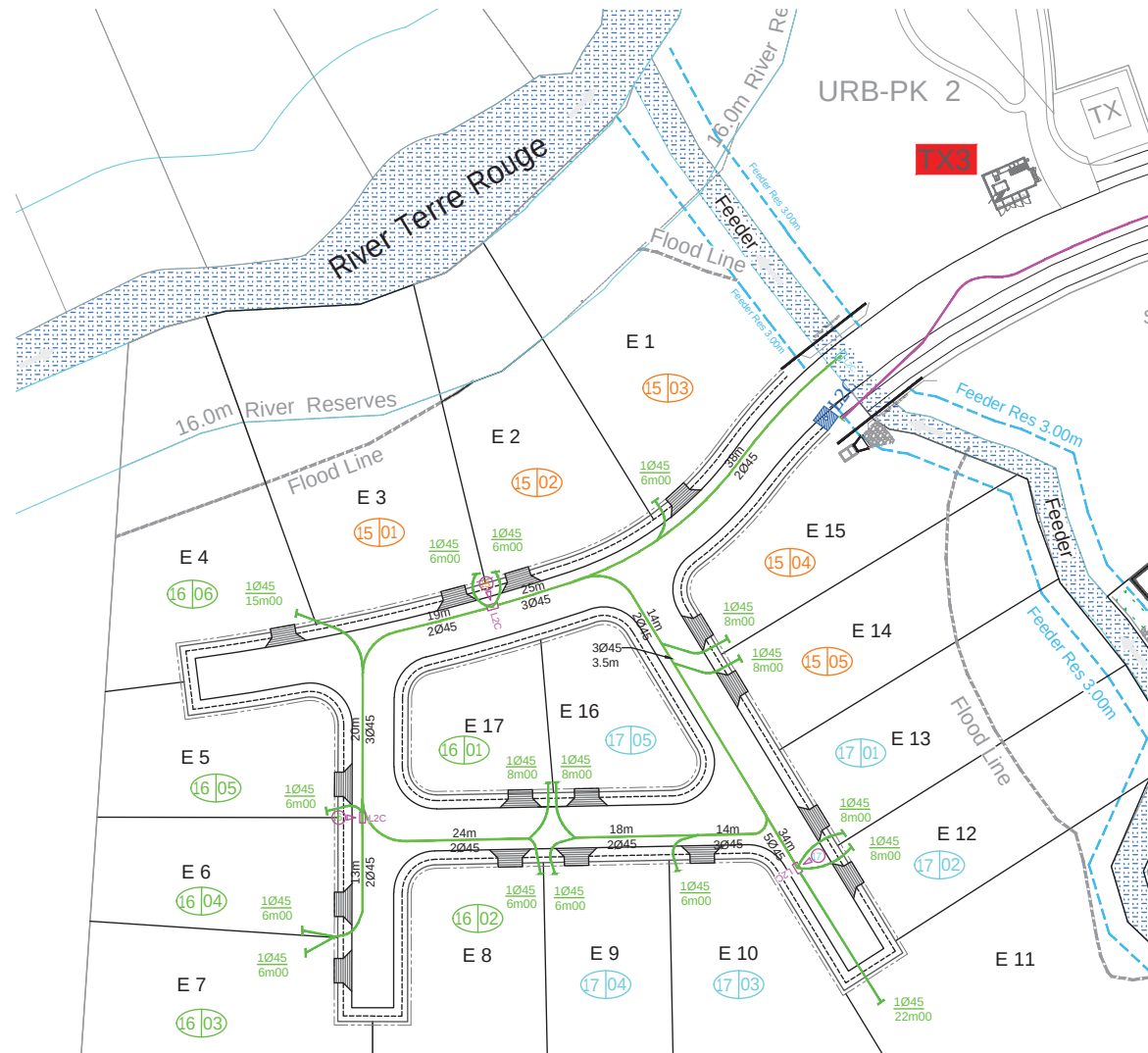
 **Scene-Ries Consult Ltd.**
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DRAWING TITLE:
TELECOM LAYOUT (S8)

DRAWING NUMBER:	SPDL/C2024/29/T/S8/LAY/01
DRAWN BY:	KG
DESIGN BY:	DG
CHECKED BY :	ES
PAPER SIZE :	A3
SCALE:	1 / 750
DATE :	NOVEMBER 2024

[illegible]

TELECOM LAYOUT (S10)



KEY PLAN:



LEGENDS:

	MANHOLE WITH CUBICLE/DP
	DUCT ROUTE
	PLOT CONNECTION

CLIENT:



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PROJECT:

INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:

TELECOM LAYOUT (S10)

DRAWING NUMBER:

SPDL/C2024/29/T/S10/LAY/01

DRAWN BY: KG

DESIGN BY: DG

CHECKED BY : ES

PAPER SIZE : A3

SCALE: 1 / 1000

DATE : NOVEMBER 2024

[illegible]

Ground level

Warning Tape

compacted to 150mm, free 50mm

Sand

300

800

995

150

45

150

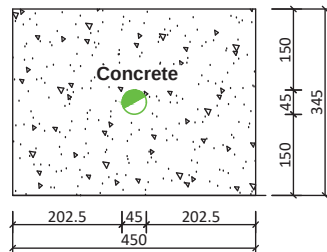
202.5

45

202.5

450

Embedded In Concrete
Entry of Manhole - 1.5m



Road level

Asphalt Concrete

Warning Tape

Sand

Refer to road structure

Main backfill materials compacted to 95% BS Heavy in layers 150mm, free from stones larger than 50mm

450

150

800

149,2627

45

75

75

202.5

45

202.5

450

Main backfill materials compacted to 95% BS Heavy in layers 150mm, free from stones larger than 50mm



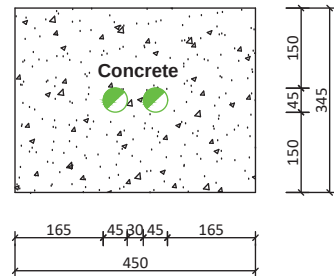
Scene-Ries Consult Ltd.

[illegible]

Diagram illustrating the test setup dimensions (mm):

- Total height: 1000 mm
- Top section height: 300 mm
- Middle section height: 800 mm
- Bottom section height: 150 mm
- Warning Tape is located at the 800 mm mark.
- The bottom section contains Sand (150 mm high) and two green circular markers.
- Horizontal dimensions: 180 mm, 90 mm, 180 mm, and a total width of 450 mm.

Embedded In Concrete
Entry of Manhole - 1.5m



The diagram illustrates the cross-section of a road structure. The layers and their dimensions are as follows:

- Asphalt Concrete:** 450 mm thick, located at the top.
- Main backfill materials:** 150 mm thick, compacted to 95% BS Heavy, free from stones larger than 50 mm.
- Warning Tape:** Indicated by a red dashed line.
- Sand:** 150 mm thick, located at the bottom.

The total thickness of the backfill materials and sand is 800 mm. The width of the structure is 450 mm, with a central 90 mm section and two 180 mm side sections.

Main backfill materials compacted to 95% BS Heavy in layers 150mm, free from stones larger than 50mm



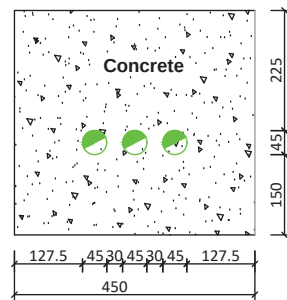
Scene-Ryes Consult Ltd.

[illegible]

Technical drawing of a pit layout with dimensions in mm:

- Overall Dimensions:** 1000 mm (width) x 995 mm (depth).
- Top Section:** 800 mm (width) x 300 mm (depth). Contains "Warning Tape".
- Bottom Section:** 195 mm (width) x 450 mm (depth). Contains "Sand" and three green circular markers.
- Bottom Section Sub-Dimensions:**
 - Width: 157.5 mm (left), 45 mm (middle), 45 mm (middle), 157.5 mm (right).
 - Depth: 150 mm (left), 45 mm (middle), 195 mm (right).

**Embedded In Concrete
Entry of Manhole - 1.5m**



The diagram illustrates the cross-section of a road structure. The layers and their dimensions are as follows:

- Road level**: The top surface of the road.
- Asphalt Concrete**: A layer 450mm thick.
- Warning Tape**: A layer 150mm thick, indicated by a dashed red line.
- Sand**: A layer 150mm thick, containing three green circular markers.

The total depth of the structure is 800mm. The width of the structure is 450mm, with a central 45mm gap and 157.5mm on either side. The sand layer is 150mm thick, with a 45mm gap at the bottom and 157.5mm on either side.

Refer to road structure

backfill materials compacted to BS Heavy in layers 150mm, free stones larger than 50mm



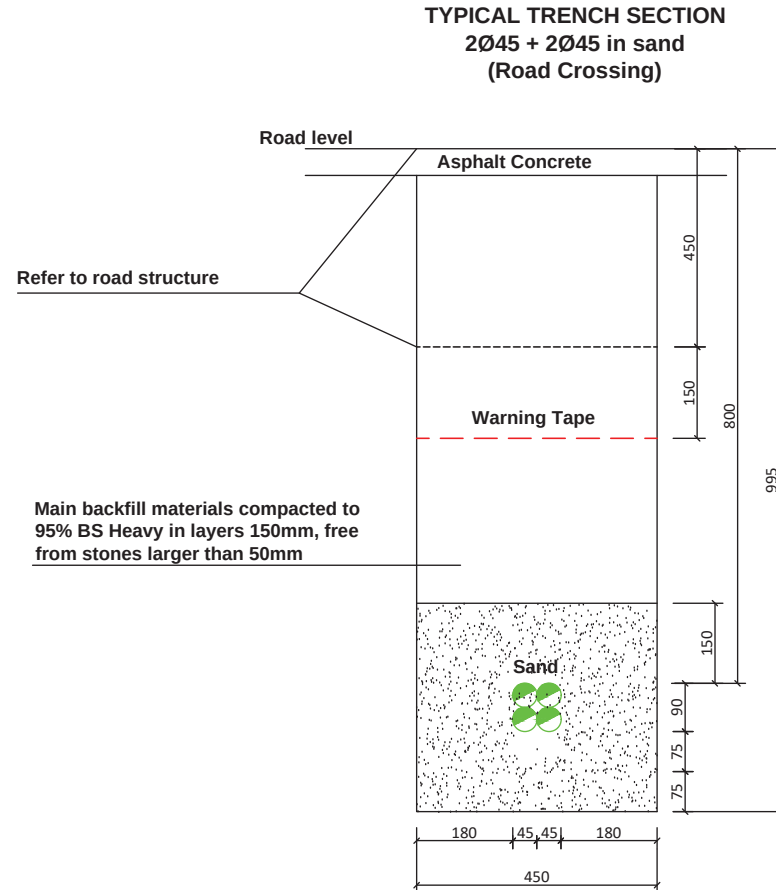
Scene-Ryes Consult Ltd.

[illegible]

Technical drawing of a test box cross-section. The box is 450 mm wide and 995 mm high. The top 800 mm is empty space, and the bottom 195 mm is filled with sand. A warning tape is located 300 mm from the top. The sand is 150 mm thick and contains a green circular object with four quadrants. The dimensions are as follows:

- Top empty space: 800 mm
- Warning tape: 300 mm from top
- Sand layer: 150 mm thick
- Green circular object: 90 mm diameter
- Bottom empty space: 105 mm
- Total height: 995 mm
- Width: 450 mm (180 mm + 45 mm + 180 mm)

Embedded In Concrete
Entry of Manhole - 1.5m



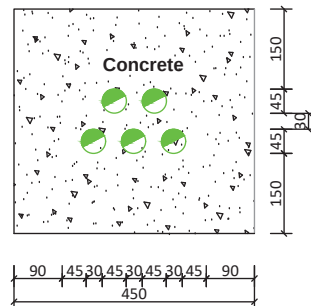
Main backfill materials compacted to 95% BS Heavy in layers 150mm, free from stones larger than 50mm

[illegible]

Technical drawing of a rectangular pit. The drawing shows a cross-section of the pit with the following dimensions and labels:

- Ground level:** Indicated at the top of the drawing.
- Warning Tape:** A dashed red line indicating the boundary of the pit.
- Sand:** The material filling the bottom of the pit, represented by a stippled pattern.
- Dimensions:**
 - Width:** The total width is 450. It is divided into three sections: 180 on the left, 45 in the center, and 180 on the right.
 - Height:** The total height is 995. It is divided into four sections: 105 at the bottom, 90 above it, 150 above that, and 800 at the top.
- Labels:** "Warning Tape" is written above the dashed line. "Sand" is written in the center of the stippled area.

Embedded In Concrete
Entry of Manhole - 1.5m



The diagram illustrates the cross-section of a road structure. The top layer is Asphalt Concrete, 450mm thick. Below it is a layer of Warning Tape, 150mm thick. The bottom layer is Sand, 150mm thick, containing a cluster of four green circles representing stones. The total width of the structure is 450mm, and the total height is 800mm. The sand layer is divided into three sub-layers of 75mm, 75mm, and 90mm. The top layer is labeled 'Road level'. A label 'Refer to road structure' points to the top of the sand layer. The bottom layer is labeled 'Sand' and contains a cluster of four green circles representing stones. The total width is 450mm, and the total height is 800mm.

Main backfill materials compacted to 95% BS Heavy in layers 150mm, free from stones larger than 50mm



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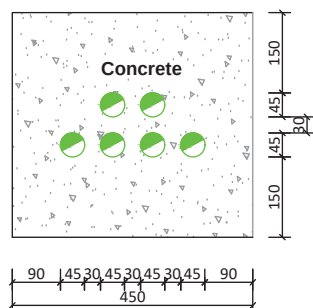
DESCRIPTION	DATE
FIRST ISSUE	08.11.2024

[illegible]

Technical drawing of a 1000mm x 1000mm x 1000mm test box. The box is divided into two main sections: a top section for "Warning Tape" and a bottom section for "Sand". The "Warning Tape" section is 800mm high, and the "Sand" section is 150mm high. The "Warning Tape" section is further divided into two sub-sections: a top sub-section 300mm high and a bottom sub-section 500mm high. The "Sand" section is 150mm high and contains a layer of sand. The sand layer is 105mm thick at the bottom and 90mm thick at the top. The sand is represented by a stippled pattern and contains five green circles. The dimensions are as follows:

- Overall height: 1000mm
- Warning Tape section height: 800mm
- Sand section height: 150mm
- Warning Tape section sub-sections: 300mm (top) and 500mm (bottom)
- Sand section sub-sections: 105mm (bottom) and 90mm (top)
- Overall width: 1000mm
- Warning Tape section sub-sections: 180mm (left), 45mm (middle), and 180mm (right)
- Sand section sub-sections: 180mm (left), 45mm (middle), and 180mm (right)
- Total width of sand section: 450mm

**Embedded In Concrete
Entry of Manhole - 1.5m**



Road level

Asphalt Concrete

Warning Tape

Sand

Refer to road structure

Main backfill materials compacted to 95% BS Heavy in layers 150mm, free from stones larger than 50mm

Dimensions (mm):

- Asphalt Concrete: 450
- Warning Tape: 150
- Sand: 390 (75 + 75 + 75 + 75)
- Total depth: 800
- Width: 450 (135 + 45 + 45 + 45 + 45 + 135)

**Main backfill materials compacted to 95%
BS Heavy in layers 150mm, free from
stones larger than 50mm**

REMARKS:



CONSULTANT:



PROJECT:
INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:

TRENCH SECTION (2Ø45+4Ø45)

DRAWING NUMBER:

SPDL/C2024/29/T/TD/06

DRAWN BY: KG

DESIGN BY: DG

CHECKED BY : ES

PAPER SIZE : A3

SCALE : NTS

DATE : NOVEMBER 2024

DESCRIPTION	DATE
FIRST ISSUE	08.11.2024

Ground level

Warning Tape

Sand

300

800

995

150

90

105

135

45

45

45

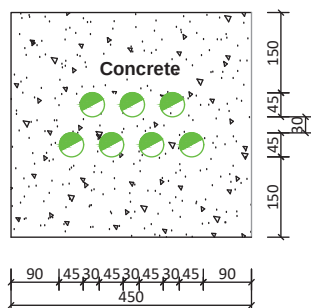
45

135

450

compacted to 150mm, free in 50mm

**Embedded In Concrete
Entry of Manhole - 1.5m**



The diagram illustrates the cross-section of a road structure. The layers and their dimensions are as follows:

- Road level**: The top surface of the road.
- Asphalt Concrete**: A layer 450mm thick.
- Warning Tape**: A layer 150mm thick, indicated by a dashed line.
- Main backfill materials compacted to 95% BS Heavy in layers 150mm, free from stones larger than 50mm**: A layer 800mm thick.
- Sand**: A layer 150mm thick, containing several green circles representing stones.

The total width of the structure is 450mm, and the total height is 1350mm. The diagram also shows a 135mm offset from the centerline for the backfill and sand layers.

Main backfill materials compacted to 95% BS Heavy in layers 150mm, free from stones larger than 50mm

REMARKS:



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DRAWING TITLE:

TRENCH SECTION (3Ø45+4Ø45)

DATE :NOVEMBER 2024

[illegible]

Ground/Road level

Warning Tape

Impacted to 50mm, free 0mm

Sand

300

800

150

90

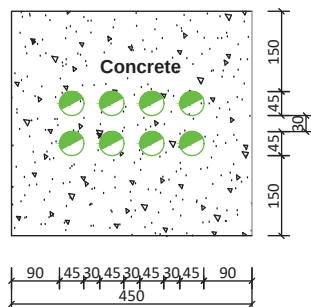
105

1000

135 45 45 45 45 135

450

**Embedded In Concrete
Entry of Manhole - 1.5m**



Road level

Asphalt Concrete

Warning Tape

Sand

Refer to road structure

Main backfill materials compacted to 95% BS Heavy in layers 150mm, free from stones larger than 50mm

Dimensions (mm):

- Asphalt Concrete: 450
- Warning Tape: 150
- Sand: 150
- Total height: 800
- Horizontal dimensions: 135, 45, 45, 45, 45, 135
- Width: 450

KEY PLAN:

REMARKS:



CONSULTANT:



PROJECT:
INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:

TRENCH SECTION (4Ø45+4Ø45)

DRAWING NUMBER:
SPDL/C2024/29/T/TD/08

DRAWN BY: KG

DESIGN BY: DG

CHECKED BY : ES

PAPER SIZE : A3

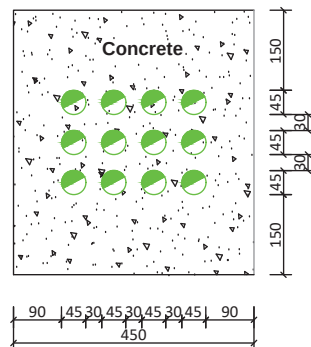
SCALE : NTS

DATE : NOVEMBER 2024

DESCRIPTION	DATE
FIRST ISSUE	08.11.2024

The diagram illustrates a cross-section of a road construction layer. The total width is 450 units, divided into a central 450-unit section and two 135-unit side sections. The total height is 995 units, divided into a 300-unit top section, an 800-unit middle section, and a 105-unit bottom section. A dashed line labeled "Warning Tape" is located at the 300-unit mark. The bottom 105-unit section is labeled "Sand" and contains a grid of 12 green circular markers. The middle 800-unit section is labeled "Compacted to 95% m, free from".

Embedded In Concrete
Entry of Manhole - 1.5m



Road level

Asphalt Concrete

Warning Tape

Sand

Main backfill materials compacted to 95% BS Heavy in layers 150mm, free from stones larger than 50mm

Refer to road structure

450

150

150

105

135

45

45

45

45

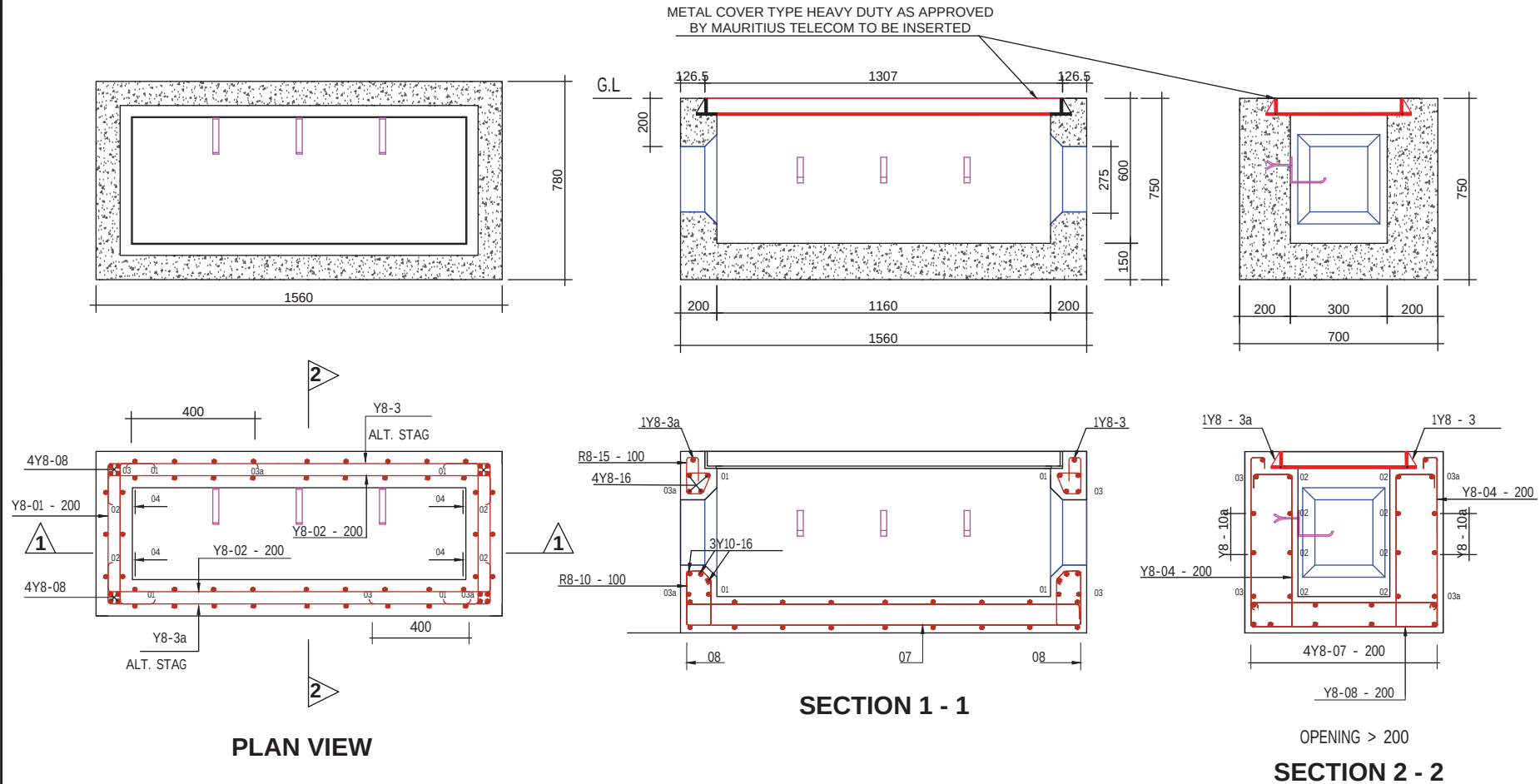
135

450

800

[illegible]

MANHOLE TYPE: L2C



KEY PLAN:

REMARKS:

1. ANY DISCREPANCY TO BE REPORTED TO THE ENGINEER
2. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED
3. USE FIGURED DIMENSIONS, DO NOT SCALE FROM DRAWINGS
4. FORMWORK AND REINFORCEMENT TO BE INSPECTED AND APPROVED BY THE ENGINEER BEFORE CONCRETING
5. STRUCTURAL CONCRETE TO BE GRADE C30
(Maximum aggregate size to be 20 mm)
6. CONCRETE COVER TO MAIN REINFORCEMENT: 25mm
7. BLINDING LAYER TO BE 50MM THICK OF GRADE C15 CONCRETE (Maximum aggregate size to be 20 mm.)
8. MINIMUM LAP TO REINFORCEMENT TO BE 400 BAR
9. REINFORCEMENT TO BE HIGH YIELD STEEL AND MILD STEEL FORMED TO BS 4449
10. MANHOLE COVER TO BE CLASS D400; EN 124.
11. THESE DRAWINGS IS NOT TO BE USED IN WHOLE OR PART OTHER THAN FOR THE INTENDED PURPOSE AND PROJECT



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PROJECT:

INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:

TELECOM MANHOLE DETAILS -L2C

DRAWING NUMBER:

SPDL/C2024/29/T/TD/10

DRAWN BY: KG

DESIGN BY: DG

CHECKED BY : ES

PAPER SIZE : A3

SCALE : NTS

DATE : NOVEMBER 2024

[illegible]

MANHOLE TYPE: L3C

KEY PLAN:

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7. BLINDING LAYER TO BE 50MM THICK OF GRADE C15 CONCRETE (Maximum aggregate size to be 20 mm.)
8. MINIMUM LAP TO REINFORCEMENT TO BE 400 BAR
9. REINFORCEMENT: HIGH YIELD STEEL AND MILD STEEL DEFORMED TO BS 4449
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PROJECT:
INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:
TELECOM MANHOLE DETAILS -L3C

DRAWING NUMBER:
SPDL/C2024/29/T/TD/11

DRAWN BY: KG

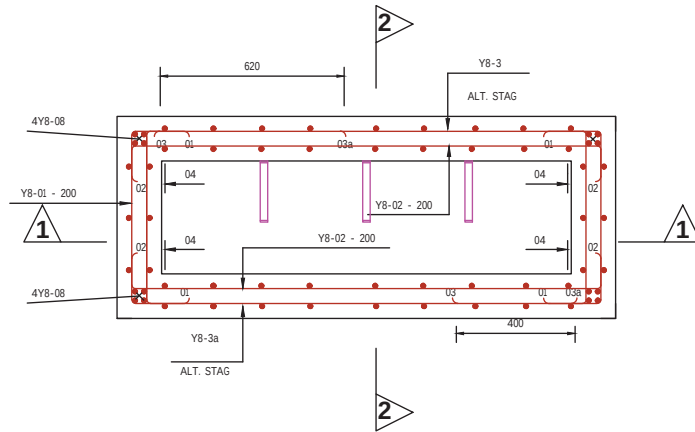
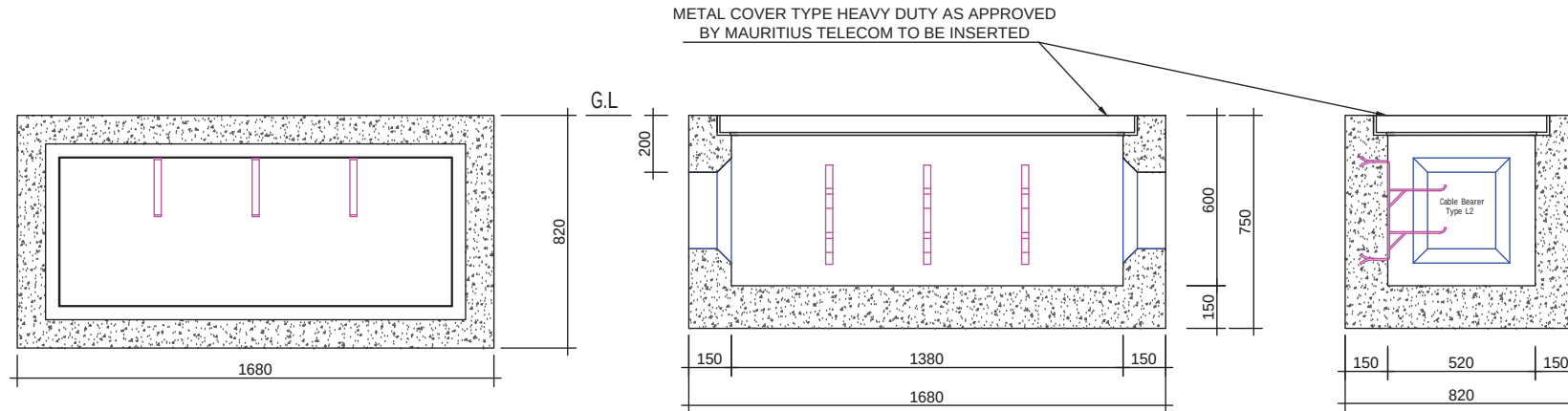
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CHECKED BY : ES

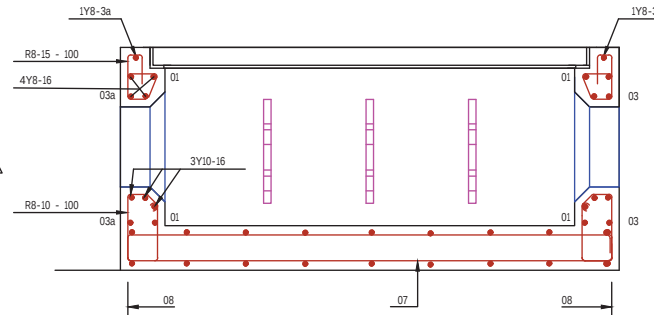
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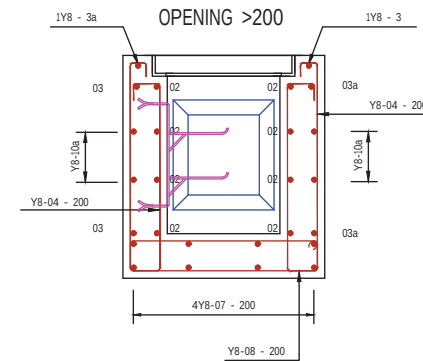
DATE : NOVEMBER 2024

[illegible]

PLAN VIEW



SECTION 1 - 1



SECTION 2 - 2

MANHOLE TYPE: K2C

KEY PLAN:

REMARKS:

1. ANY DISCREPANCY TO BE REPORTED TO THE ENGINEER
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4. FORMWORK AND REINFORCEMENT TO BE INSPECTED AND APPROVED BY THE ENGINEER BEFORE CONCRETING
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(Maximum aggregate size to be 20 mm)
6. CONCRETE COVER TO MAIN REINFORCEMENT: 25mm
7. BLINDING LAYER TO BE 50MM THICK OF GRADE C15 CONCRETE (Maximum aggregate size to be 20 mm.)
8. MINIMUM LAP TO REINFORCEMENT TO BE 40Ø BAR
9. REINFORCEMENT: HIGH YIELD STEEL AND MILD STEEL DEFORMED TO BS 4449
10. MANHOLE COVER TO BE CLASS D400, EN 124.
11. THESE DRAWINGS IS NOT TO BE USED IN WHOLE OR PART OTHER THAN FOR THE INTENDED PURPOSE AND PROJECT



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PROJECT:

INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:

TELECOM MANHOLE DETAILS -K2C

DRAWING NUMBER:

SPDL/C2024/29/T/TD/12

DRAWN BY: KG

DESIGN BY: DG

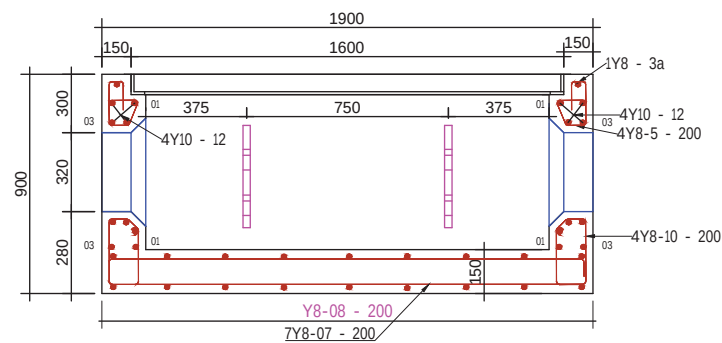
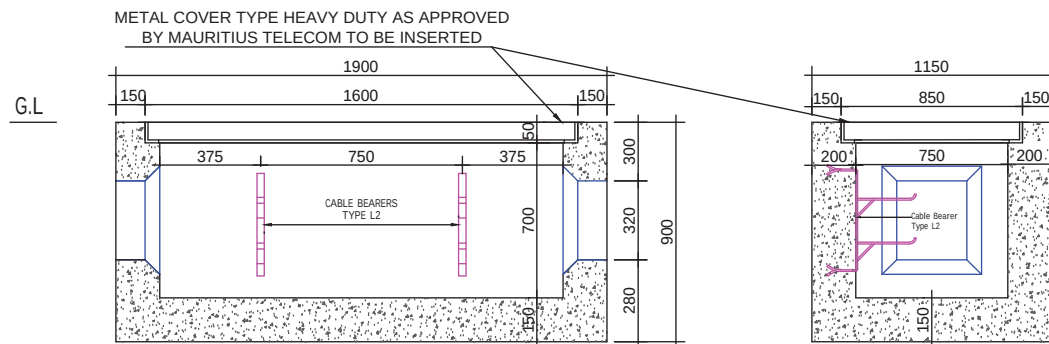
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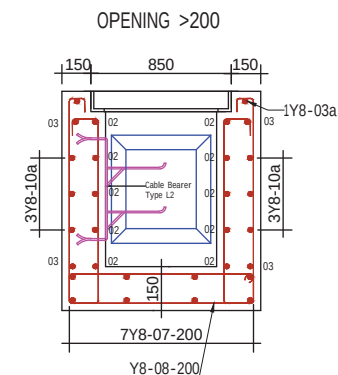
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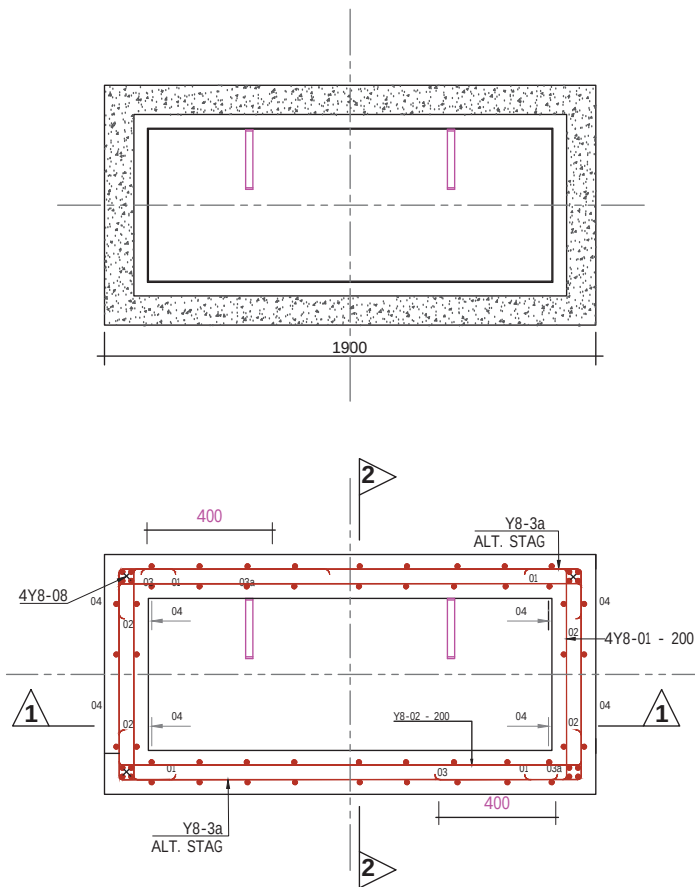
DESCRIPTION	DATE
FIRST ISSUE	08.11.2024



SECTION 1 - 1



SECTION 2 - 2



PLAN VIEW



DESCRIPTION	DATE
FIRST ISSUE	08.11.2024

ANCILLARY WORKS

This detailed site plan illustrates the layout of the Municipality of Vacoas - Phoenix Area. The plan features numerous plots labeled D1 through D43, with specific areas like D26 and D39 highlighted in green. A network of roads is shown, including G1 through G17. Key infrastructure elements include a 'Feeder Res 3.00m' canal, a '3.0m Service Corridor', and various retaining walls (Concrete, Existing Masonry, Proposed). A red dashed line indicates the 'Flood Line'. The plan also shows existing buildings, a 'TX' (transformer) station, and a 'CPA' (Community Planning Area) boundary. The area is bounded by roads C 13, C 14, C 28, and C 29 on the top and right, and E 11, E 12, and E 13 on the left.

The map shows a residential area with several streets labeled S7, S8, S9, and S10. A red outline highlights the proposed development area, which is located between S9 and S10. The area is bounded by a red line, and the streets S9 and S10 are also highlighted in red. The map includes a north arrow and a scale bar.

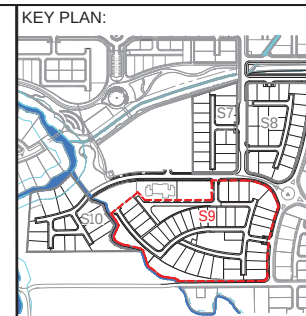
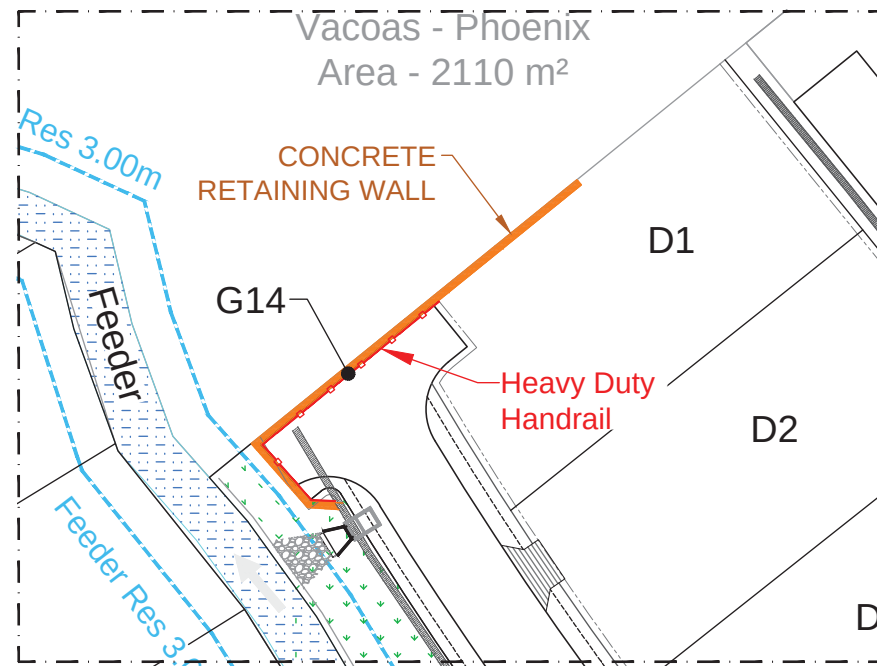
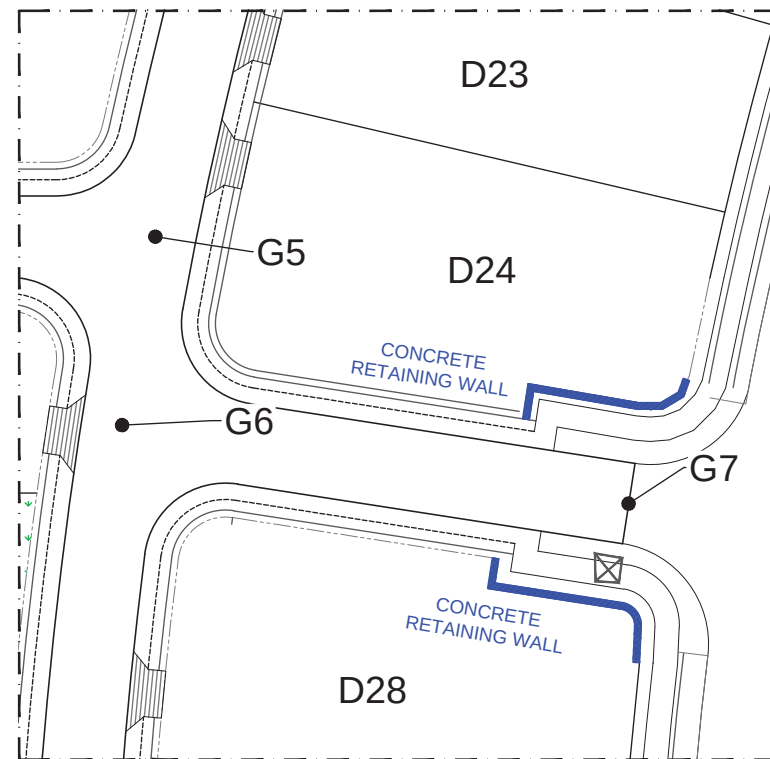
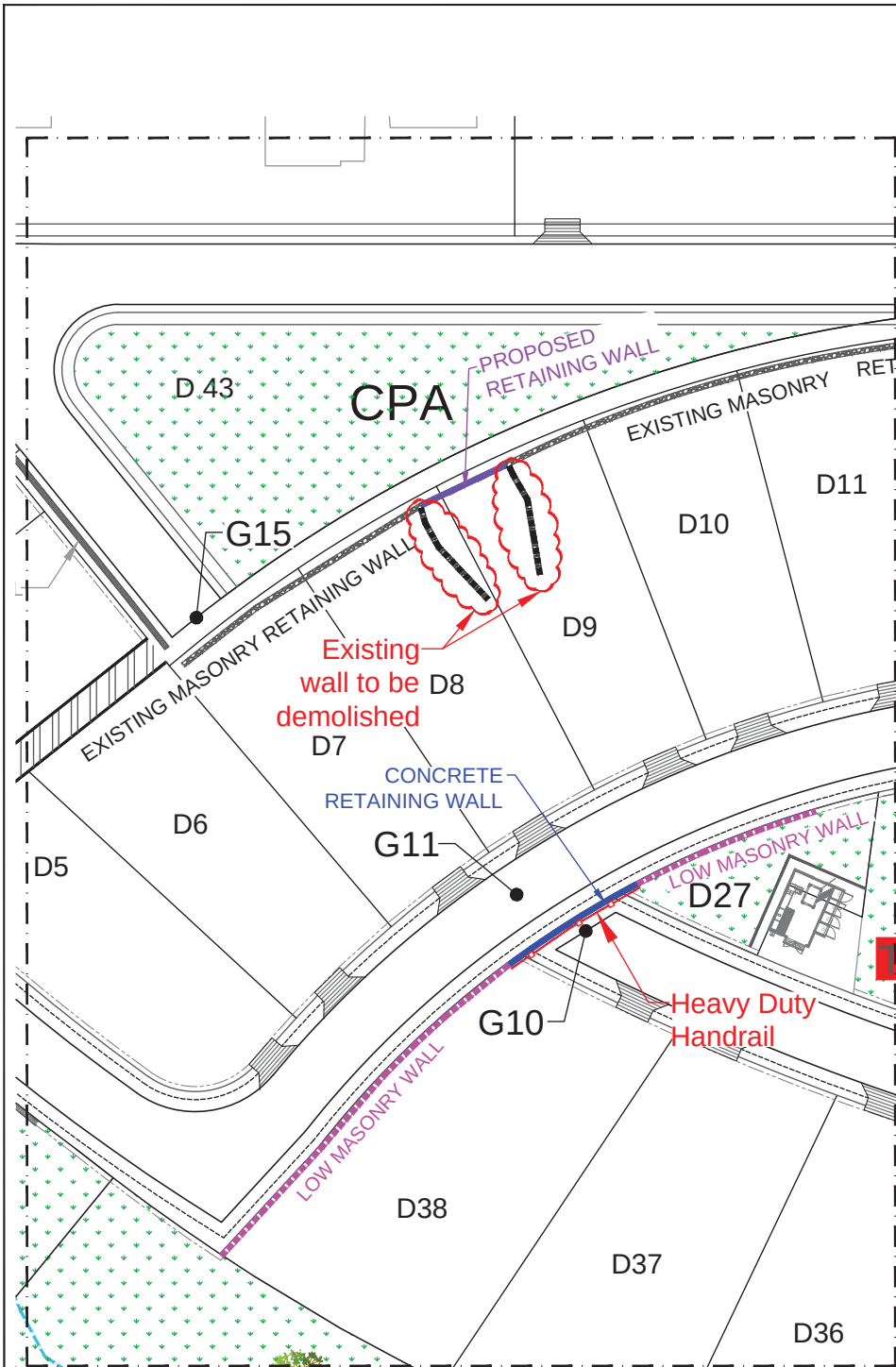
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REV	DESCRIPTION	DATE
0	FIRST ISSUE	08.11.24

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PROJECT:

INFRASTRUCTURE WORKS TO SITES
S7, S8, S9 & S10
IN MORCELLEMENT AUREA
LIVING HARMONY, COTE D'OR

DRAWING TITLE:

RETAINING WALL LAYOUT (S9)

DRAWING NUMBER:

SPDL/C2024/29/A/LAY/02

DRAWN BY: KG

DESIGN BY: DG

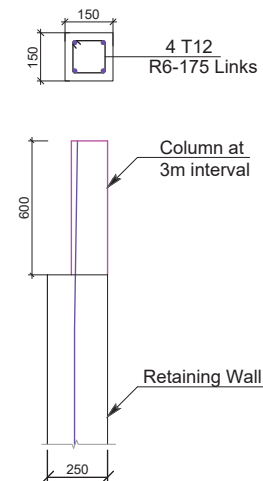
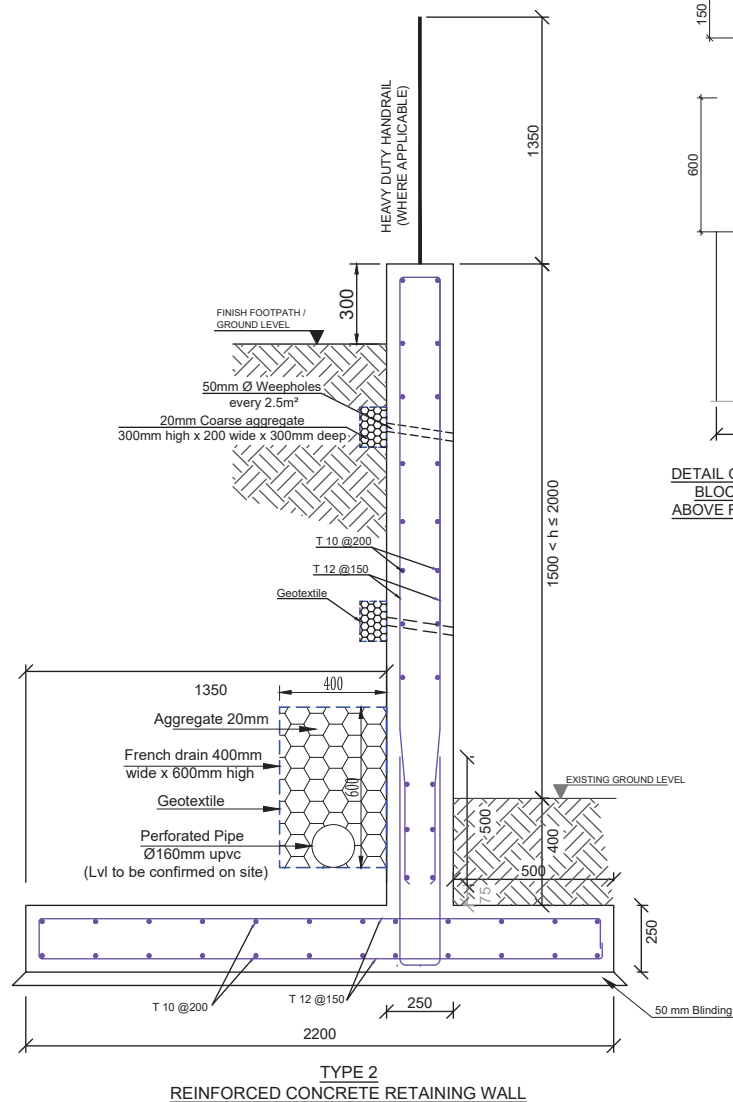
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PAPER SIZE: A3

SCALE: 1 / 1000

DATE: NOVEMBER 2024

REV	DESCRIPTION	DATE
0	FIRST ISSUE	08.11.24



DETAIL OF COLUMN FOR
BLOCKWALL WALL
ABOVE RETAINING WALL

- NOTES:**
1. Blinding to be C 15.
 2. Concrete to be C 30.
 3. All formation level shall be well compacted prior to casting of blinding.
 4. All reinforcement must be inspected and approved prior to the casting of concrete.
 5. Any step in the strip footing shall be at column position and to the approval of Engineer.
 6. All reinforcement and shuttering must be inspected and approved prior to casting of concrete.
 7. The exact position for change in type of retaining wall shall be confirmed and approved by the Engineer.
 8. No weep holes and french drains shall be covered without Engineer inspection and approval.

REMARKS:

CLIENT:



CONSULTANT:



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TFax: (230) 466-9691
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PROJECT:
INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10 IN MORCELLEMENT
AUREA LIVING HARMONY,
COTE D'OR

DRAWING TITLE:

REINFORCED CONCRETE
RETAINING WALL

DRAWING NUMBER:
SPDL/C2024/29/A/TD/01

DRAWN BY: KG

DESIGN BY: DG

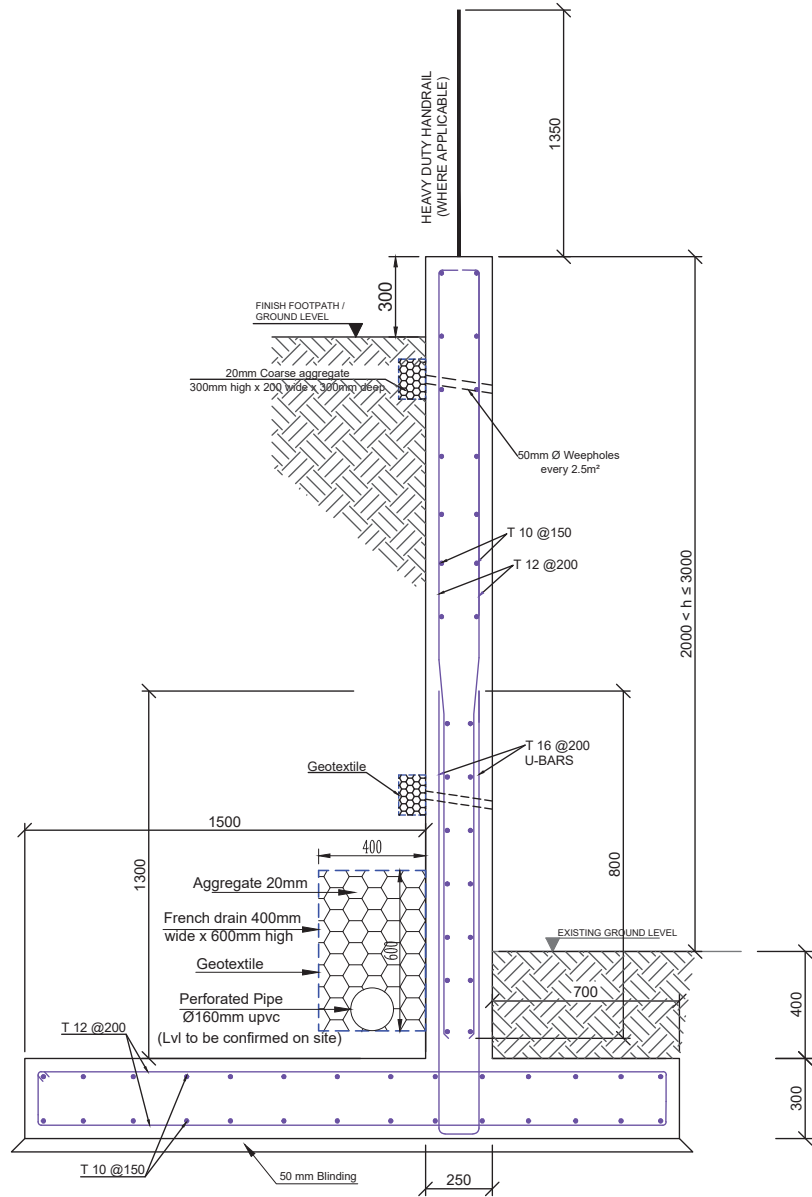
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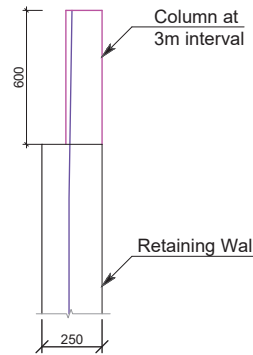
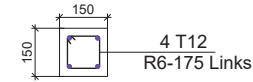
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DATE : NOVEMBER 2024

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TYPE 3
BOUNDARY WALL WITH
REINFORCED CONCRETE RETAINING WALL



DETAIL OF COLUMN FOR
BLOCKWALL WALL
ABOVE RETAINING WALL

NOTES:

1. Blinding to be C 15.
2. Concrete to be C 30.
3. All formation level shall be well compacted prior to casting of blinding.
4. All reinforcement must be inspected and approved prior to the casting of concrete.
5. Any step in the strip footing shall be at column position and to the approval of Engineer.
6. All reinforcement and shuttering must be inspected and approved prior to casting of concrete.
7. The exact position for change in type of retaining wall shall be confirmed and approved by the Engineer.
8. No weep holes and french drains shall be covered without Engineer inspection and approval.

REMARKS:

CLIENT:



CONSULTANT:



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PROJECT:

INFRASTRUCTURE WORKS TO SITES
S7,S8,S9 & S10 IN MORCELLEMENT
AUREA LIVING HARMONY,
COTE D'OR

DRAWING TITLE:

REINFORCED CONCRETE
RETAINING WALL

DRAWING NUMBER:

SPDL/C2024/29/A/TD/02

DRAWN BY: KG

DESIGN BY: DG

CHECKED BY: ES

PAPER SIZE : A3

SCALE: N.T.S

DATE : NOVEMBER 2024

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