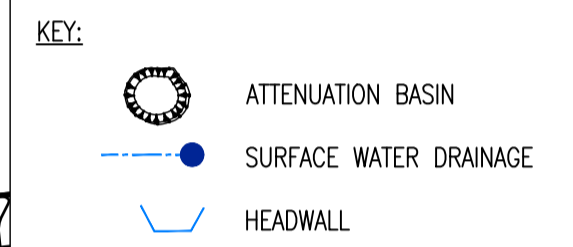
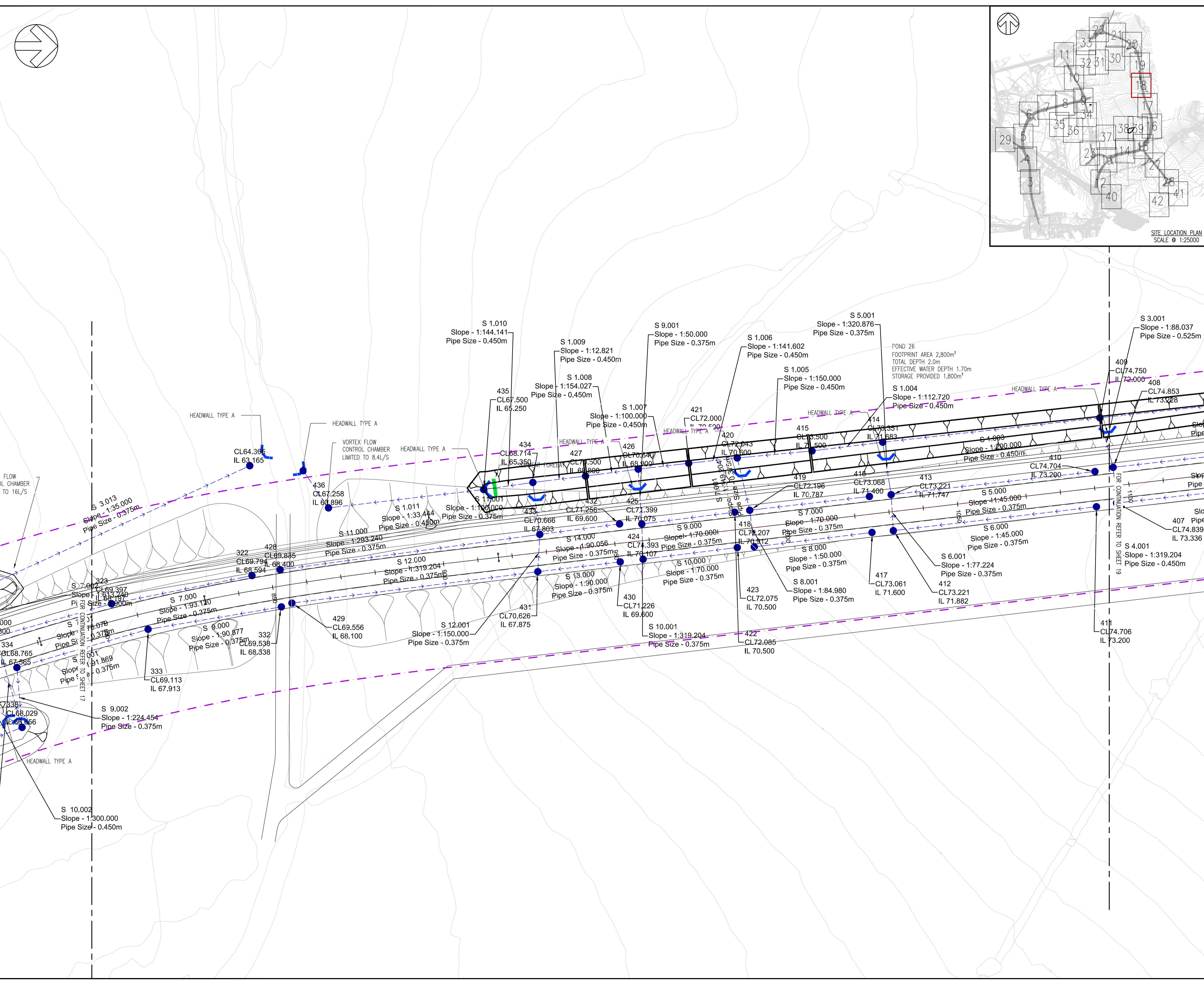


- NOTES:
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  - SURFACE WATER RUNOFF IS RESTRICTED TO 4L/S/IMPERMEABLE HECTARE. FOR FURTHER DETAILS OF VORTEX CONTROLS USED AND DISCHARGE RATES PLEASE REFER TOT THE ACCOMPANYING CALCULATIONS
  - ALL HEADWALLS TO BE ARCHITECTURALLY CLADDED



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File name: \\UK.VSPGROUP.COM\CENTRAL\_DATA\PROJECTS\0055000202521 - MKE - PLANNING APPLICATIONS\WSP\DRAWINGS\MKE-WSP-ZZ-ZZ-CDR-0518.DWG, printed on 28 March 2021, 16:34:06, by Patsie-Love, Office



POI	DATE	BY	DESCRIPTION	CHK	APP
P01	20/11/2020	GLG	FIRST ISSUE		

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CLIENT: **BERKELEY ST JAMES**

ARCHITECT: **JTP / STEPHEN GEORGE AND PARTNERS**

SITE/PROJECT: **MILTON KEYNES EAST**

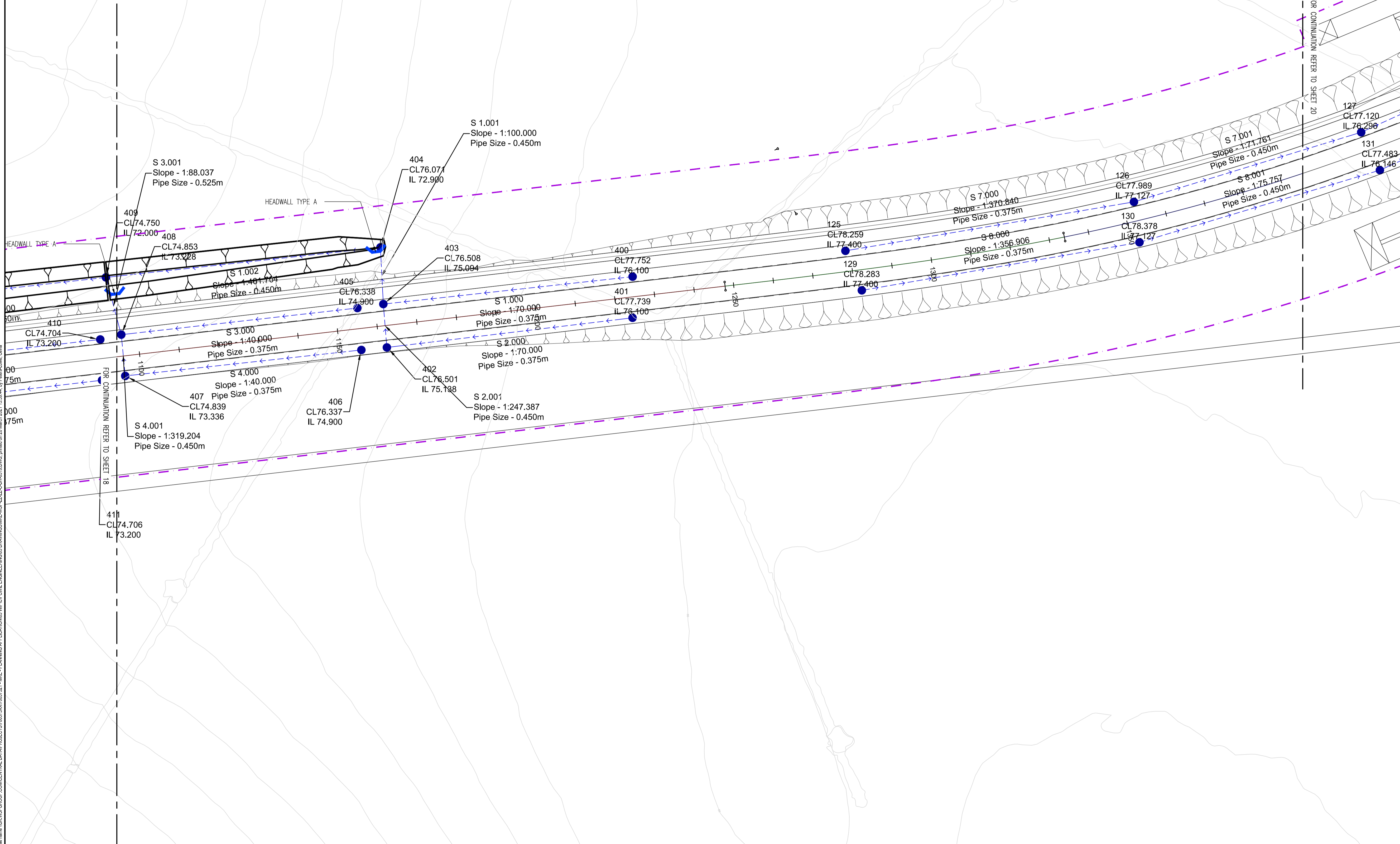
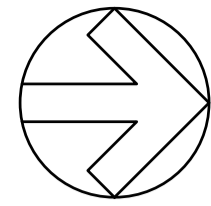
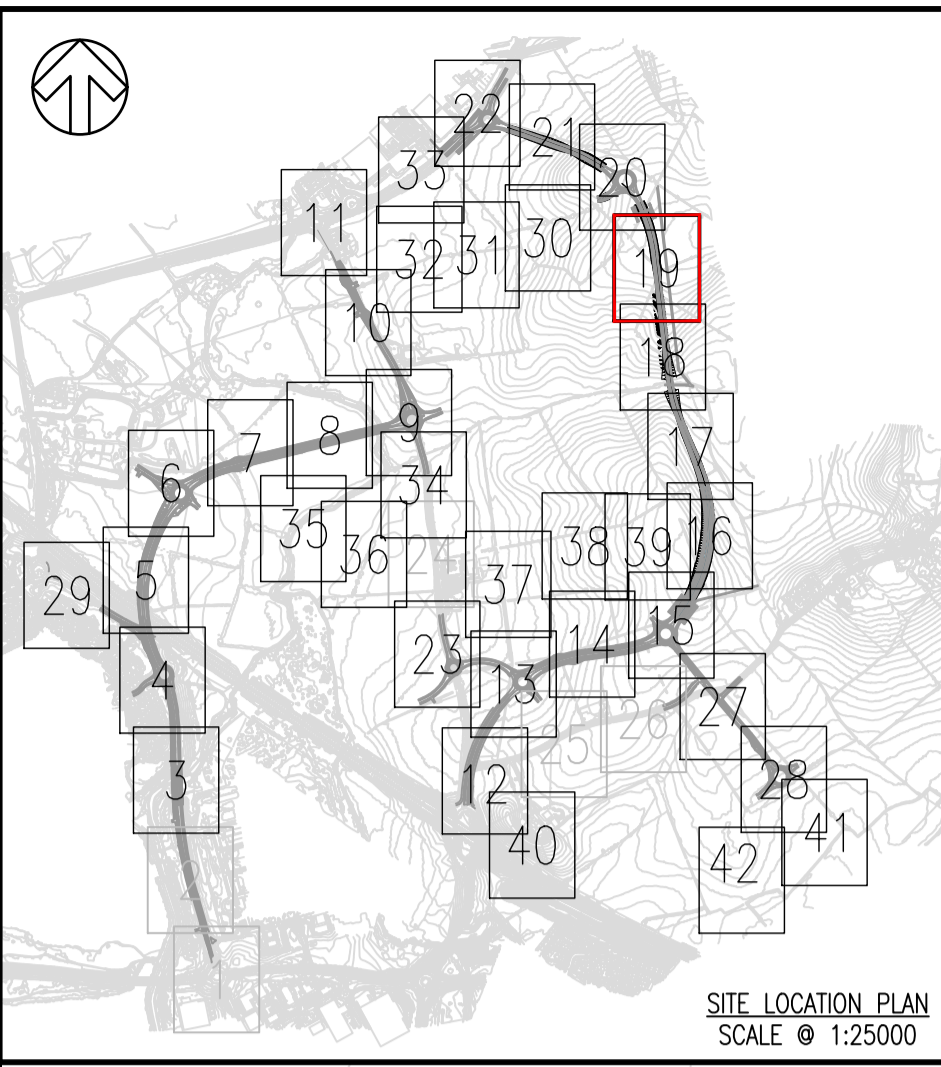
TITLE: **DRAINAGE PLAN SHEET 18**

SCALE @ A1:	CHECKED:	APPROVED:
1:500	DSF	SAP

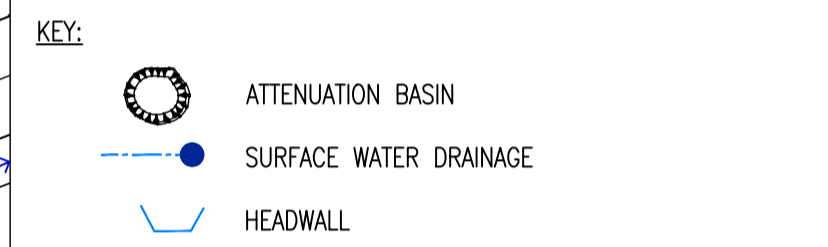
PROJECT NO:	DESIGNED:	DRAWN:	DATE:
70057521	DSF	GLG	November 20

DRAWING NO:	REV:
MKE-WSP-ZZ-ZZ-CDR-0518	P01

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POI	DATE	BY	DESCRIPTION	CHK	APP
	12/03/2021	OPL	FIRST ISSUE	DSF	SAP

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CLIENT: **BERKELEY ST JAMES**

ARCHITECT: **JTP / STEPHEN GEORGE AND PARTNERS**

SITE/PROJECT: **MILTON KEYNES EAST**

TITLE: **DRAINAGE PLAN SHEET 19**

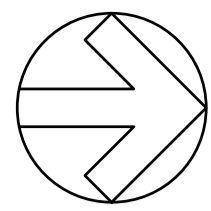
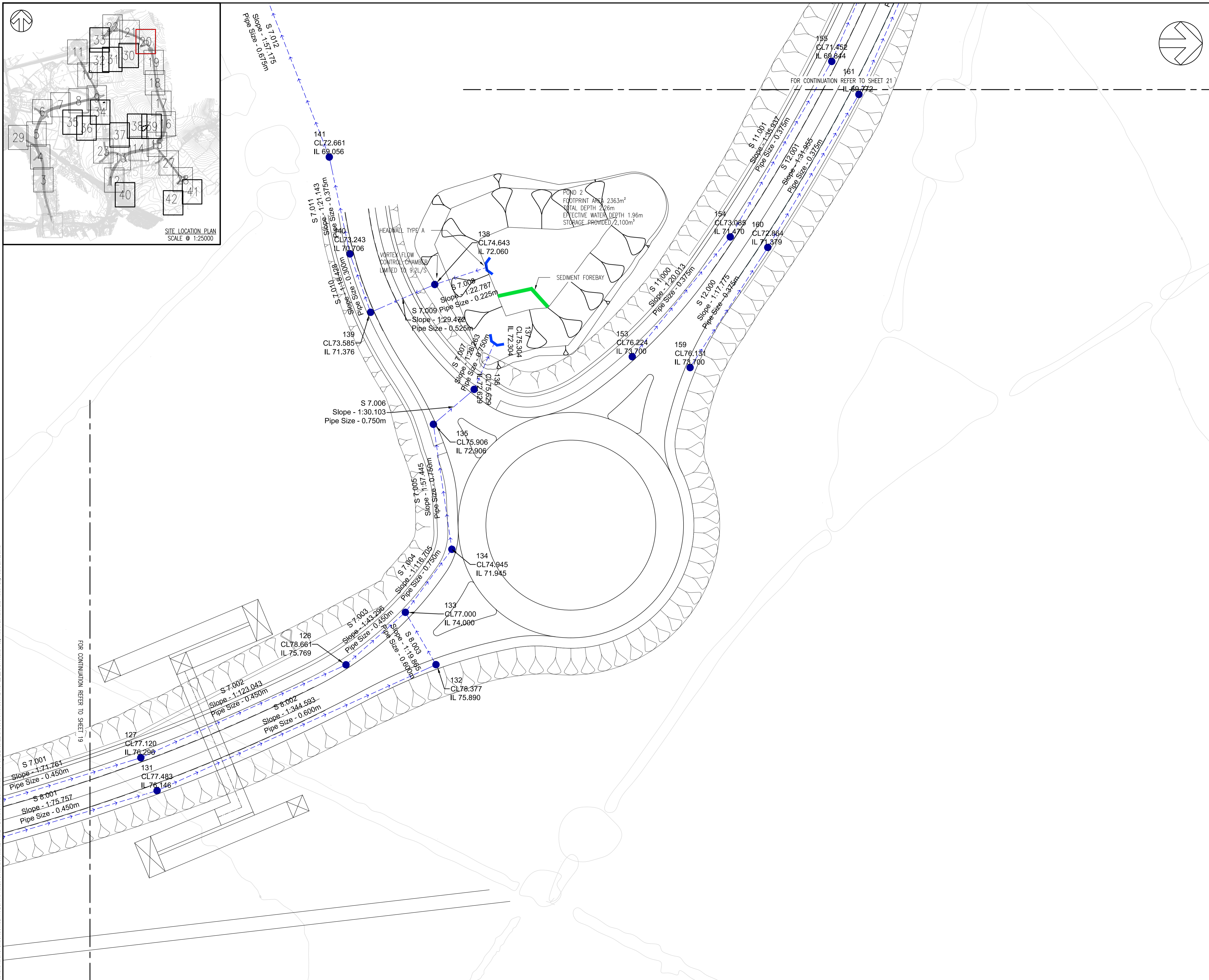
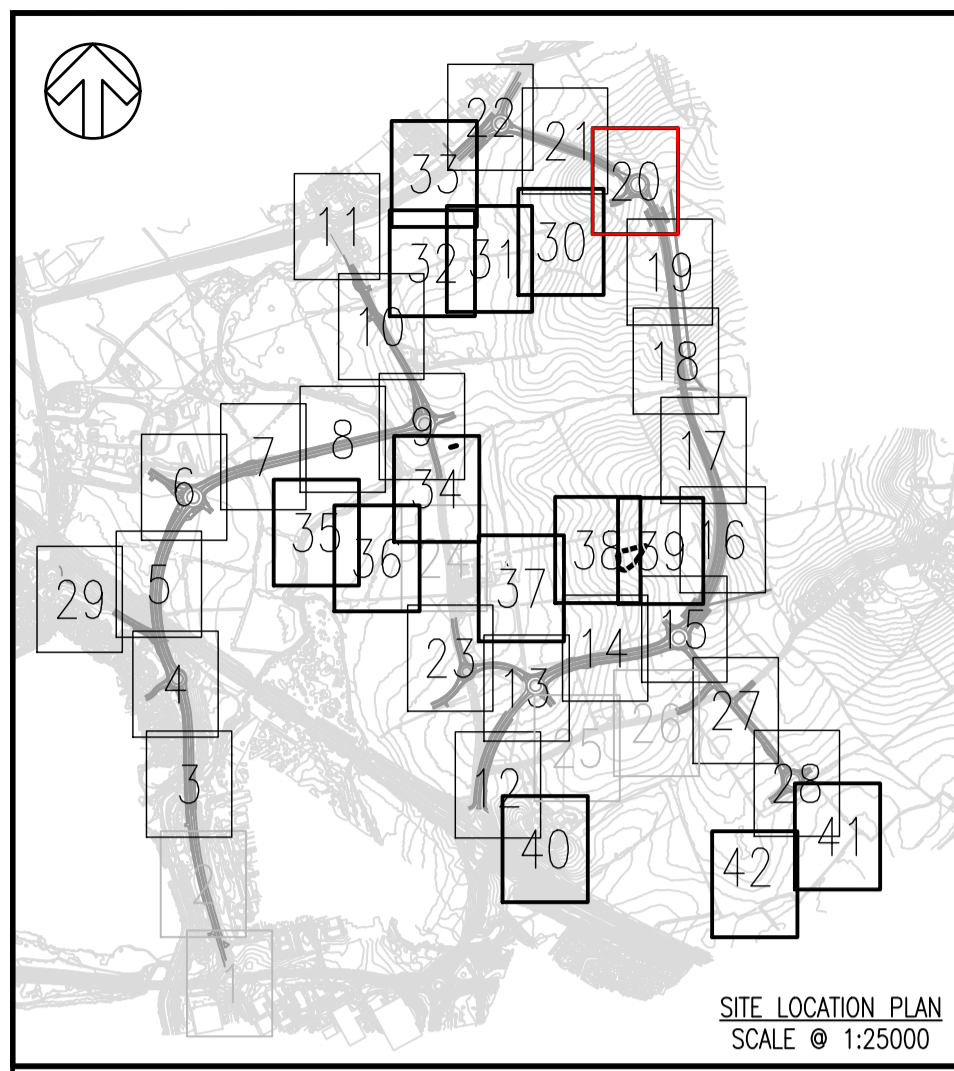
SCALE @ A1:	CHECKED:	APPROVED:
1:500	DSF	SAP

PROJECT NO:	DESIGNED:	DRAWN:	DATE:
70057521	DSF	GLG	November 20

DRAWING NO:	REV:
MKE-WSP-ZZ-ZZ-C-DR-0519	P01

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- ALL HEADWALLS TO BE ARCHITECTURALLY CLADDED

KEY:

- ATTENUATION BASIN
- SURFACE WATER DRAINAGE
- HEADWALL

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POI	DATE	BY	DESCRIPTION	CHK	APP
	12/03/2021	OPL	FIRST ISSUE	DSF	SAP

DRAWING STATUS:	
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CLIENT: **BERKELEY ST JAMES**

ARCHITECT: **JTP / STEPHEN GEORGE AND PARTNERS**

SITE/PROJECT: **MILTON KEYNES EAST**

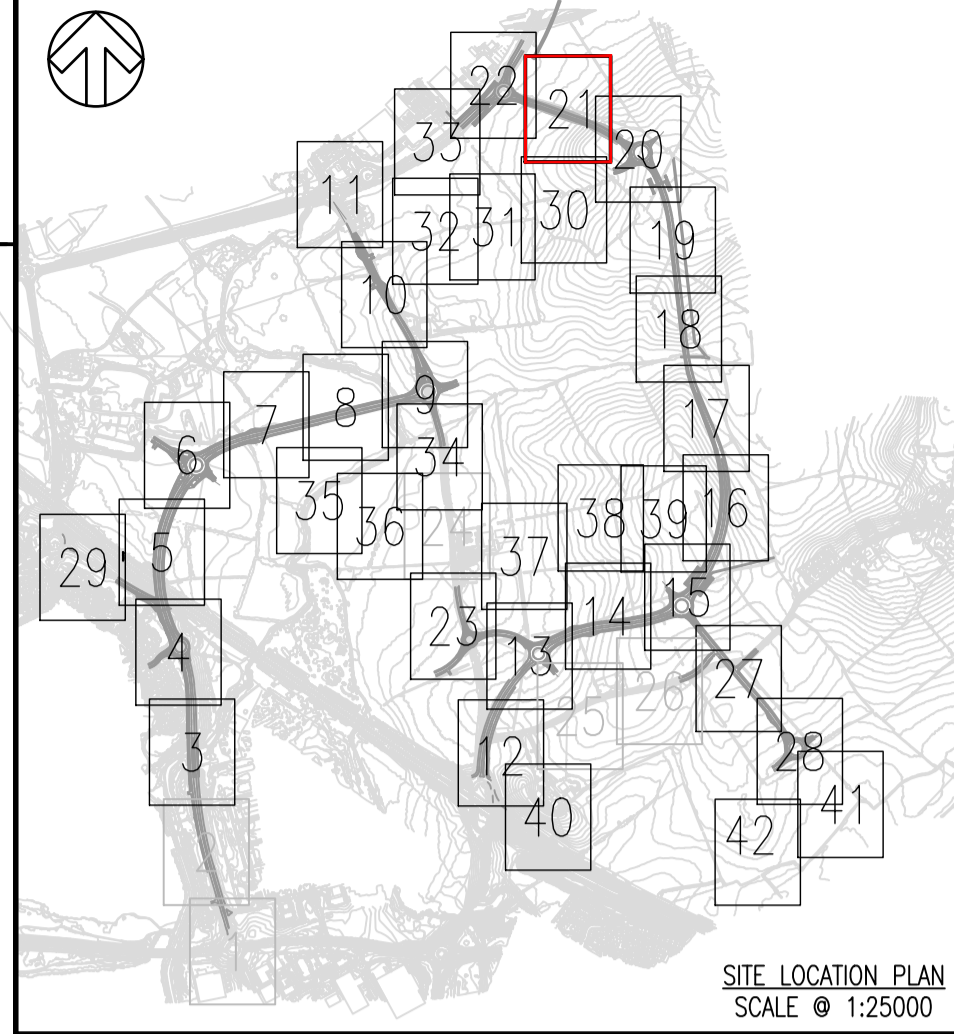
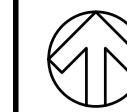
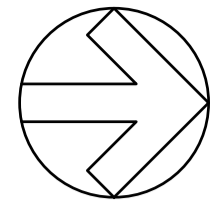
TITLE: **DRAINAGE PLAN SHEET 20**

SCALE @ A1: 1:500	CHECKED: DSF	APPROVED: SAP
PROJECT NO: 70057521	DESIGNED: DSF	DRAWN: GLG
	DATE: November 20	

DRAWING No: <b>MKE-WSP-ZZ-ZZ-C-DR-0520</b>	REV: <b>P01</b>
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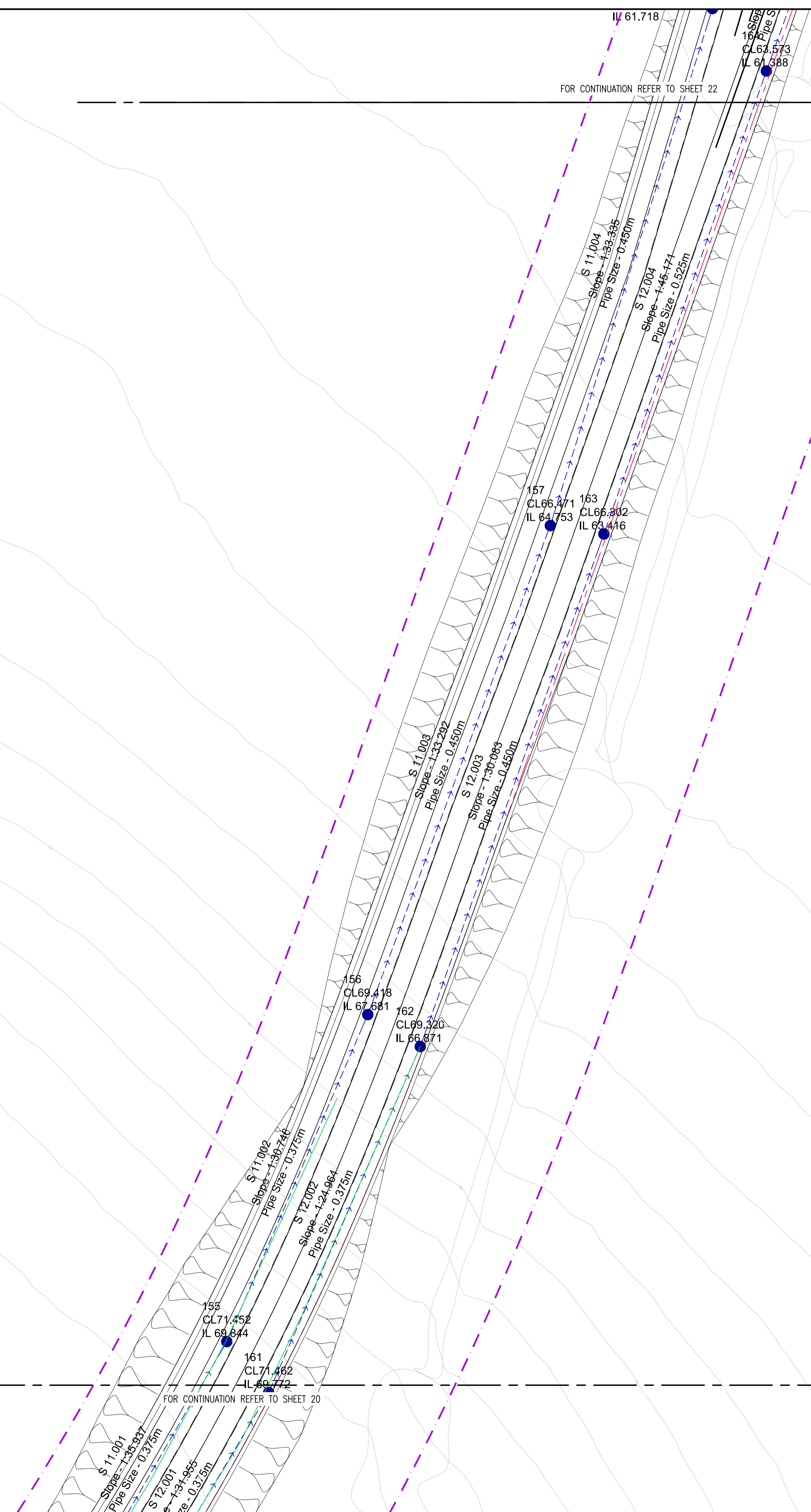
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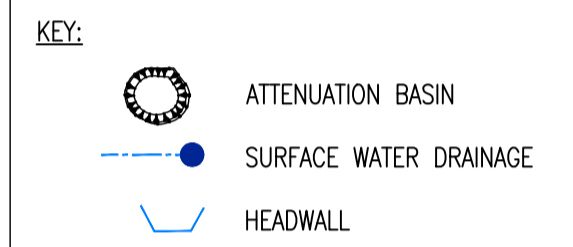


FOR CONTINUATION REFER TO SHEET 22

FOR CONTINUATION REFER TO SHEET 20



- NOTES:
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REV	DATE	BY	DESCRIPTION	CHK	APP
P01	12/03/2021	GLG	FIRST ISSUE	DSF	SAP

DRAWING STATUS: **S0 - WORK IN PROGRESS**

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CLIENT: **BERKELEY ST JAMES**

ARCHITECT: **JTP / STEPHEN GEORGE AND PARTNERS**

SITE/PROJECT: **MILTON KEYNES EAST**

TITLE: **DRAINAGE PLAN SHEET 21**

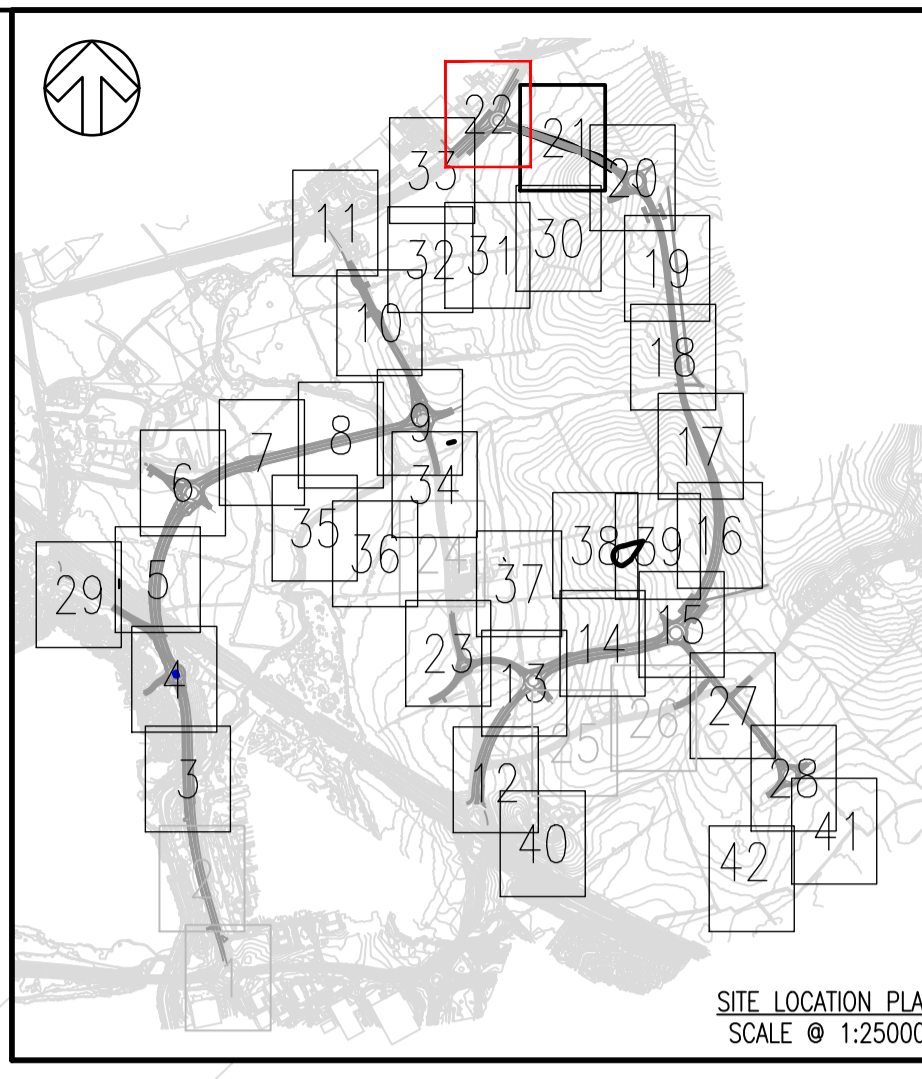
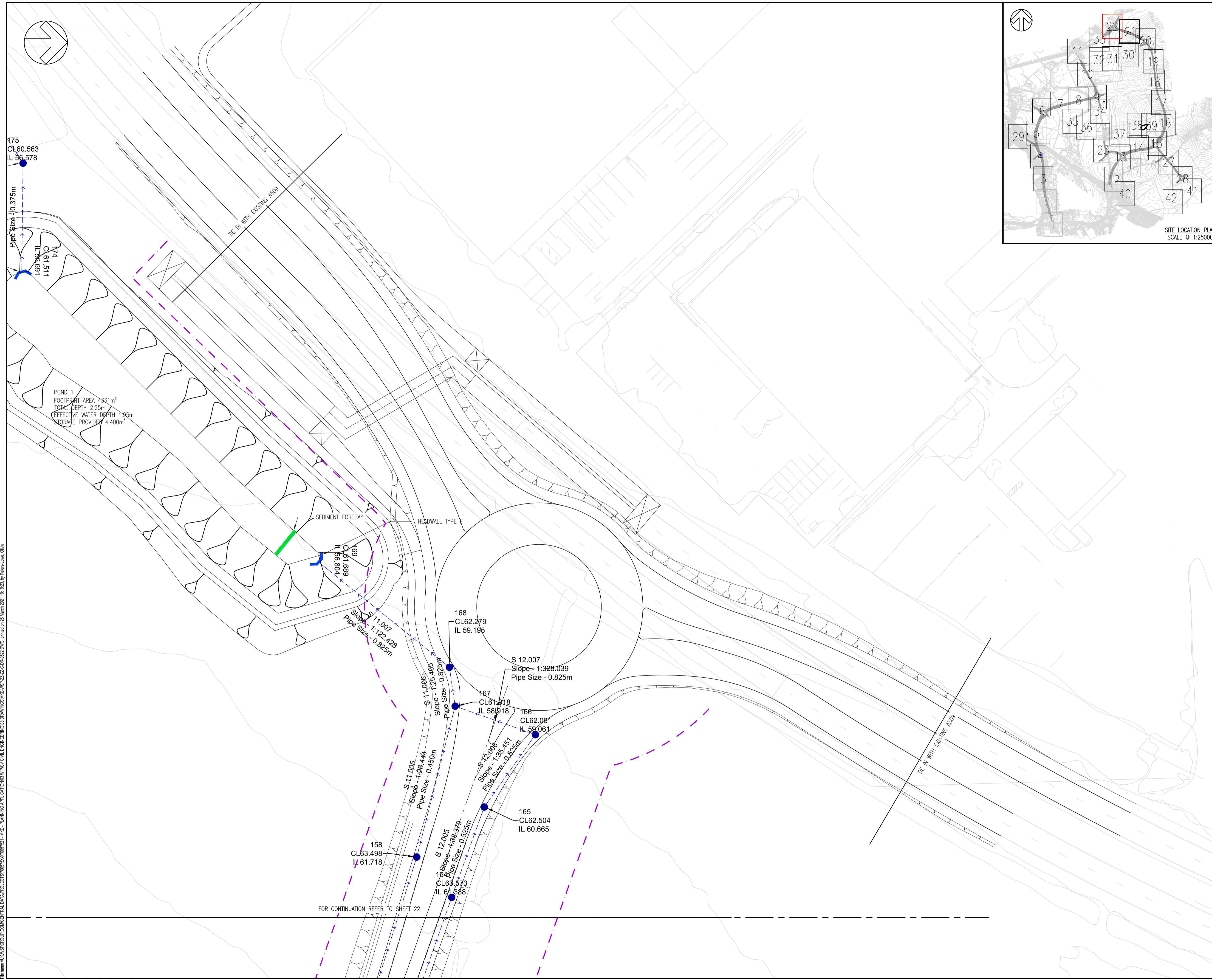
SCALE @ A1:	CHECKED:	APPROVED:
1:500	DSF	SAP

PROJECT NO:	DESIGNED:	DRAWN:	DATE:
70057521	DSF	GLG	November 20

DRAWING NO:	REV:
MKE-WSP-ZZ-ZZ-C-DR-0521	P01

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- KEY:**
- ATTENUATION BASIN
  - SURFACE WATER DRAINAGE
  - HEADWALL

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REV	DATE	BY	DESCRIPTION	CHK	APP
P01	12/03/2021	OPL	FIRST ISSUE		

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CLIENT: **BERKELEY ST JAMES**

ARCHITECT: **JTP / STEPHEN GEORGE AND PARTNERS**

SITE/PROJECT: **MILTON KEYNES EAST**

TITLE: **DRAINAGE PLAN SHEET 22**

SCALE @ A1:	CHECKED:	APPROVED:
1:500	DSF	SAP

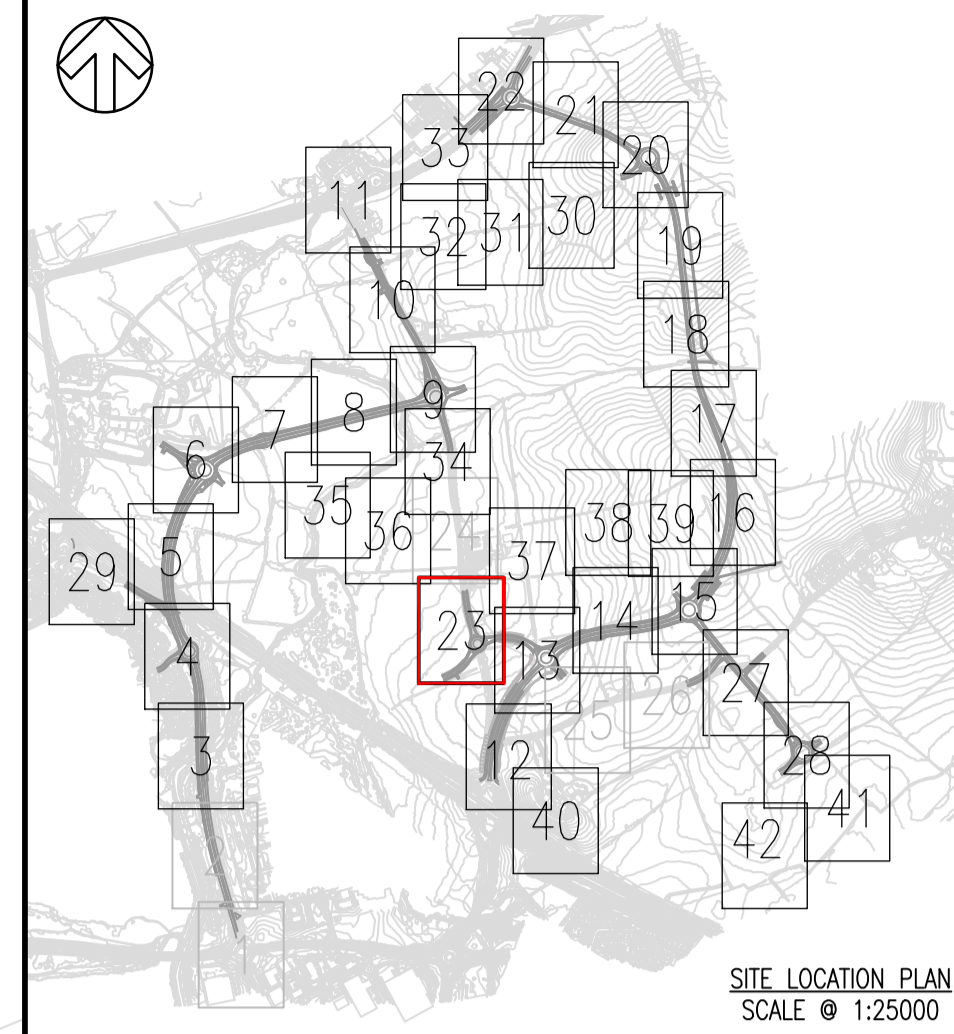
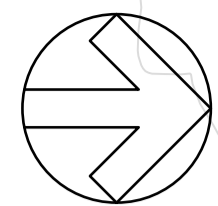
PROJECT NO:	DESIGNED:	DRAWN:	DATE:
70057521	DSF	OPL	November 20

DRAWING NO:	REV:
MKE-WSP-ZZ-ZZ-C-DR-0522	P01

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FOR CONTINUATION REFER TO SHEET 22

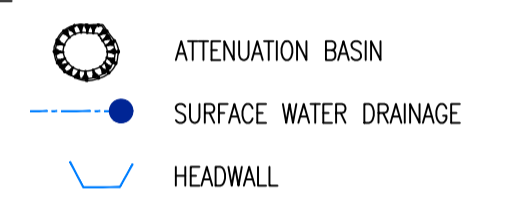


SITE LOCATION PLAN  
SCALE @ 1:25000

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KEY:



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REV	DATE	BY	DESCRIPTION	CHK	APP
P01	12/03/2021	OPL	FIRST ISSUE		

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ARCHITECT: **JTP / STEPHEN GEORGE AND PARTNERS**

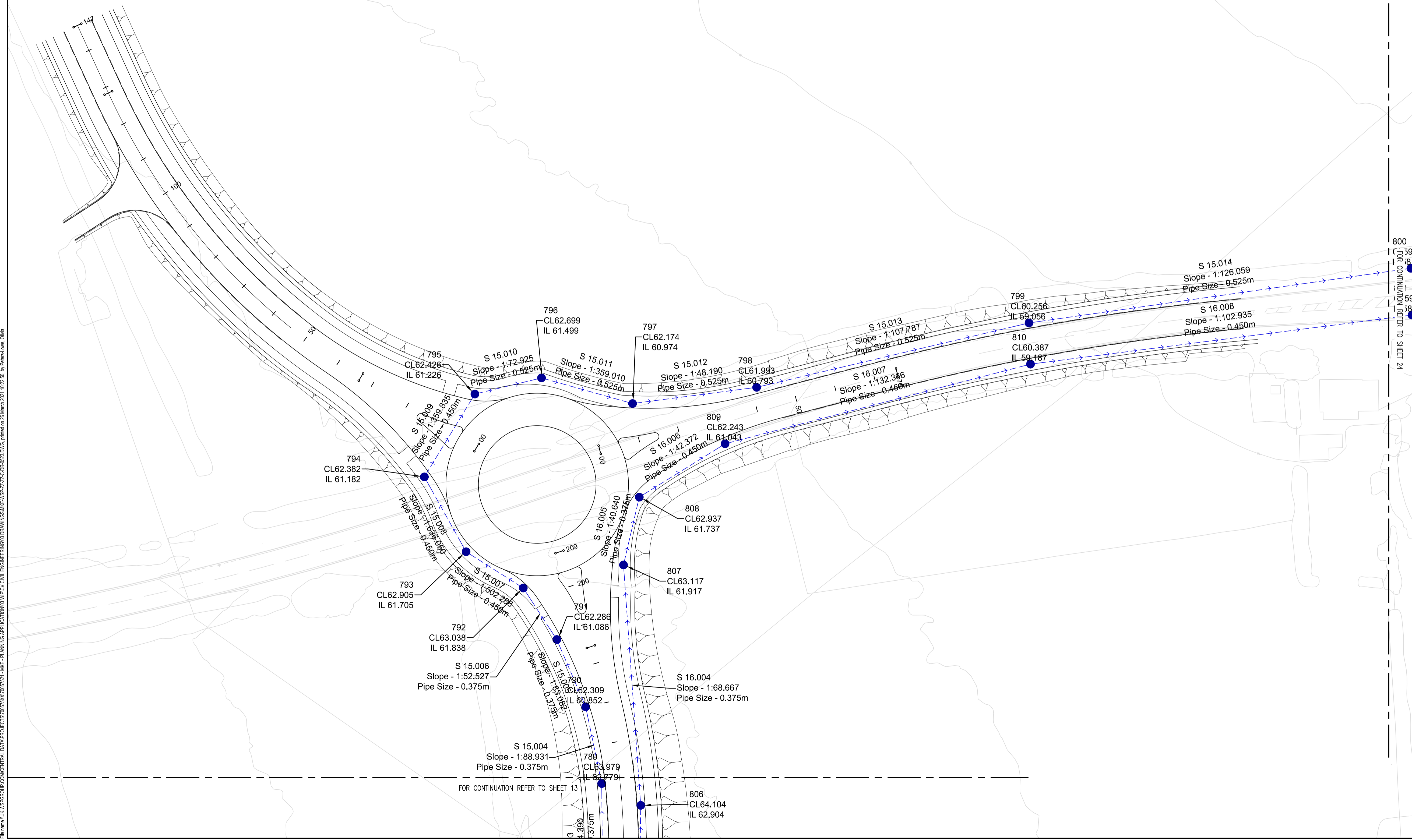
SITE PROJECT: **MILTON KEYNES EAST**

TITLE: **DRAINAGE PLAN SHEET 23**

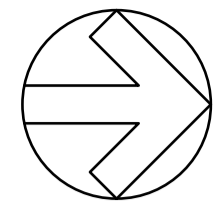
SCALE @ A1: 1:500	CHECKED: DSF	APPROVED: SAP
PROJECT NO: 70057521	DESIGNED: DSF	DRAWN: GLG
		DATE: March 21

DRAWING NO: **MKE-WSP-ZZ-ZZ-C-DR-0523**      REV: **P01**

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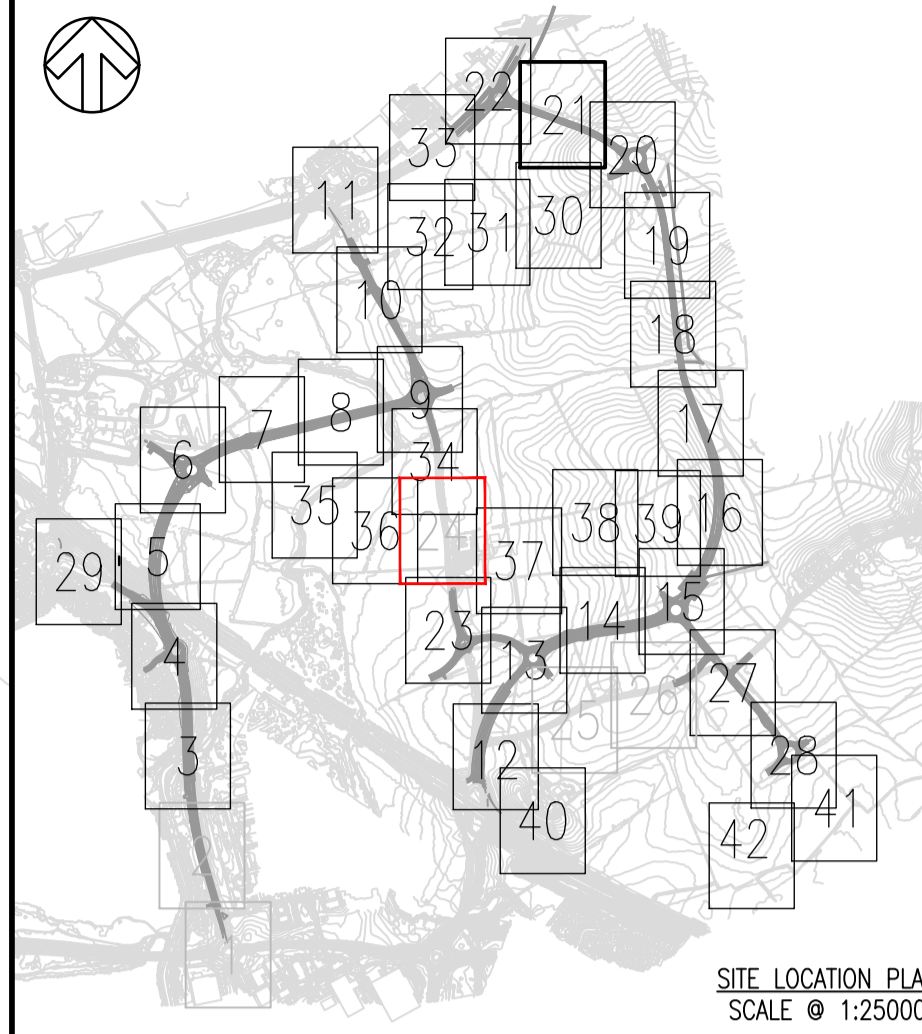
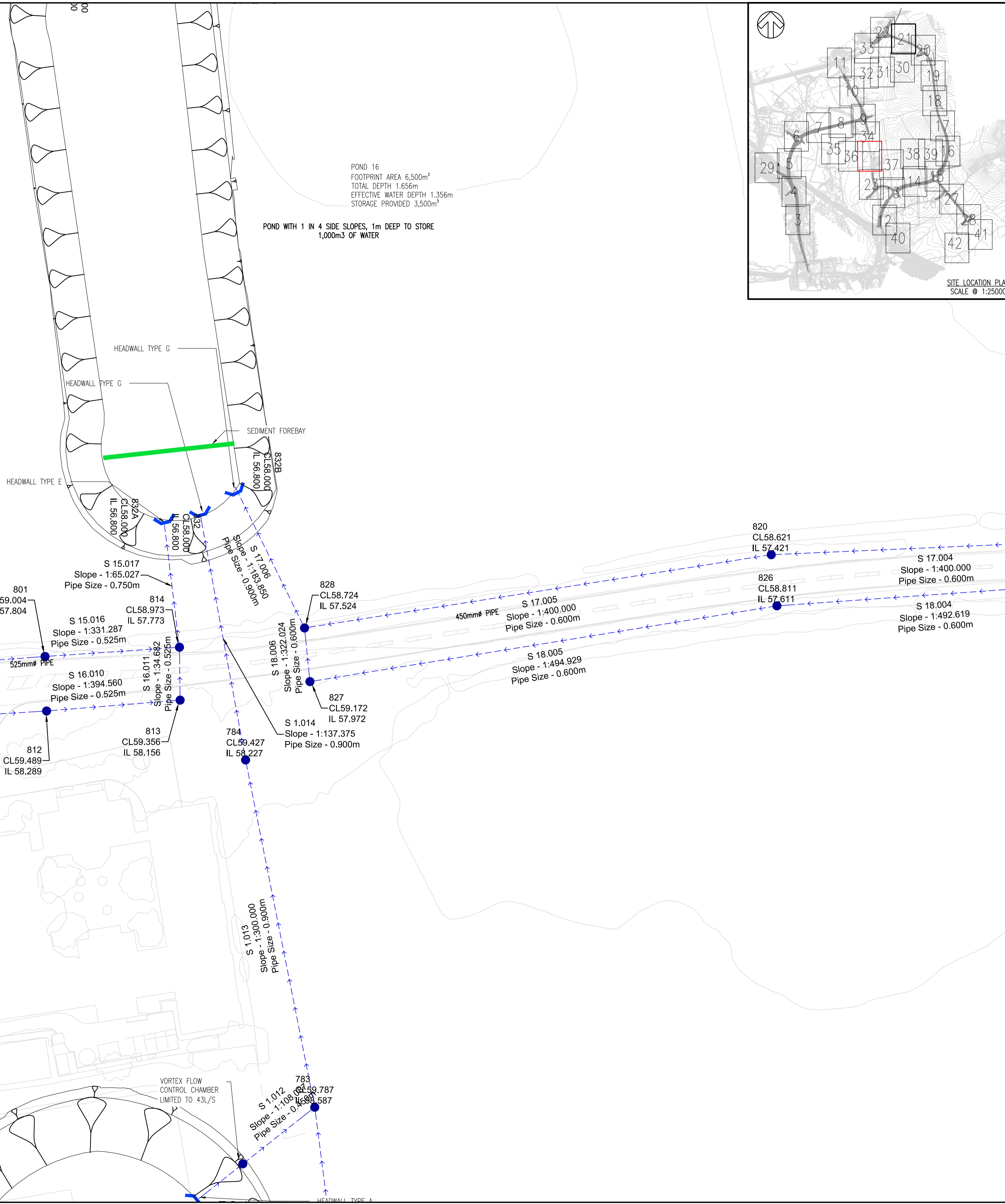


File name: \\UK\WSPGROUP\COMMON\DATA\PROJECTS\2020\0523\51 - MKE - PLANNING APPLICATIONS\DRAININGS\MKE-WSP-ZZ-C-DR-0523.DWG, printed on 26 March 2021 10:22:50 by Peter.Coxon, China

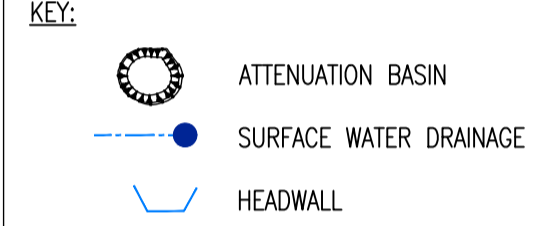


FOR CONTINUATION REFER TO SHEET 23

File name: \\UK\WSPGROUP\COMMON\DATA\PROJECTS\2020\20200525\1 - ME - PLANNING APPLICATIONS\DRAININGS\MKE-WSP-ZZ-C-DR-0524.DWG, printed on 25 March 2021, 10:58:05, by Robert.Coxon, Olan



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  7. THE MILTON KEYNES HIGHWAY BOUNDARY IS TAKEN FROM INTERACTIVE HIGHWAY BOUNDARY MAPPING FOUND ON THE MILTON KEYNES COUNCIL'S WEBSITE.
  8. TOPOGRAPHICAL INFORMATION PROVIDED BY MK SURVEYS FILE - "28562" ON THE 11/06/2020 AND 3D ENGINEERING SURVEYS FILE - "DES21007\_MKE\_REV1" ON THE 22/02/2021. WSP CAN NOT ACCEPT RESPONSIBILITY FOR ANY INACCURACIES.
  9. ALL DRAINAGE HAS BEEN DESIGNED IN ACCORDANCE WITH THE DCG, DMRB, CIRIA SuDS MANUAL AND MKE GUIDANCE.
  10. ALL OUTFALL LEVELS TO BE CONFIRMED ON SITE PRIOR TO CONSTRUCTION
  11. SURFACE WATER RUNOFF IS RESTRICTED TO 4L/S/IMPERMEABLE HECTARE. FOR FURTHER DETAILS OF VORTEX CONTROLS USED AND DISCHARGE RATES PLEASE REFER TOT THE ACCOMPANYING CALCULATIONS
  12. ALL HEADWALLS TO BE ARCHITECTURALLY CLADDED



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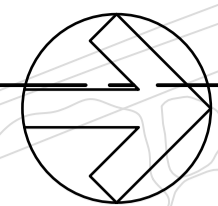
SITE/PROJECT: **MILTON KEYNES EAST**

TITLE: **DRAINAGE PLAN SHEET 24**

SCALE @ A1:	1:500	CHECKED:	DSF	APPROVED:	SAP
PROJECT NO:	70057521	DESIGNED:	DSF	DRAWN:	OPL
				DATE:	November 20

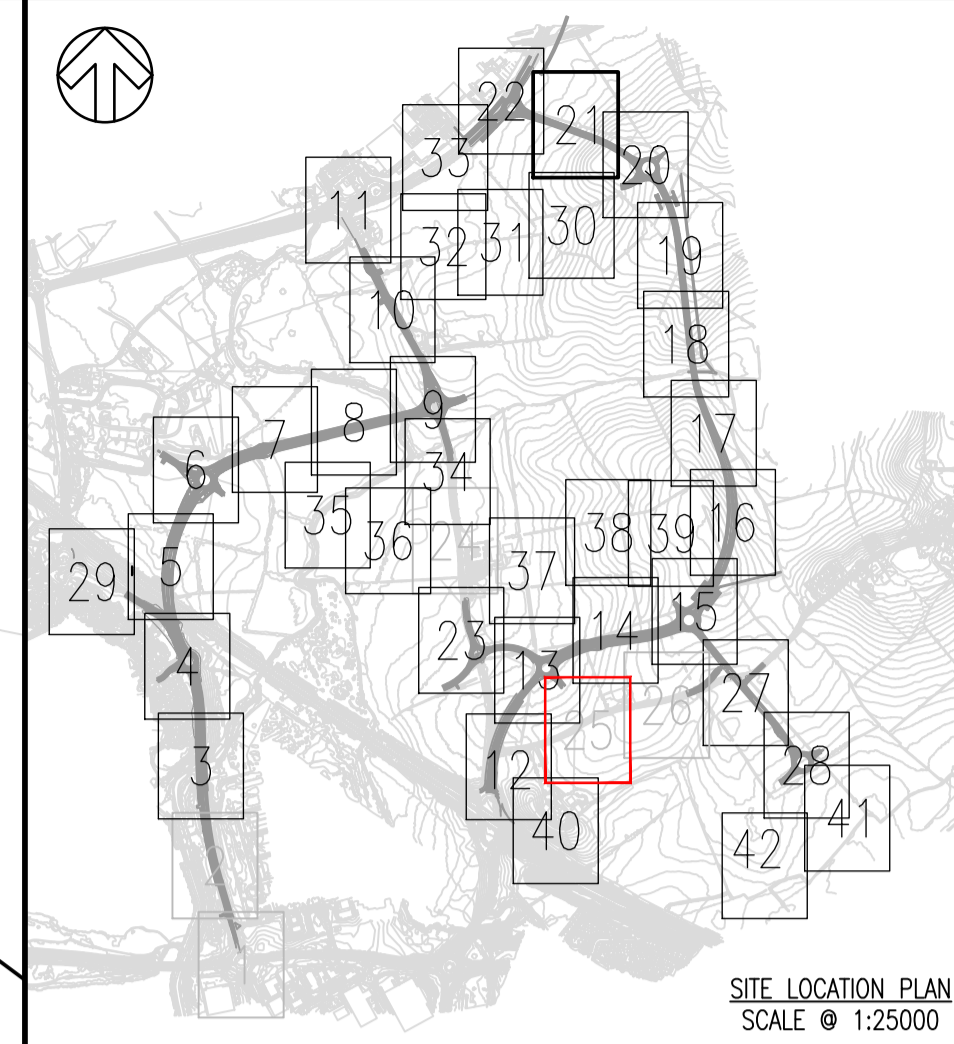
DRAWING No: **MKE-WSP-ZZ-ZZ-C-DR-0524**      REV: **P01**

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FOR CONTINUATION REFER TO SHEET 13



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- SURFACE WATER RUNOFF IS RESTRICTED TO 4L/S/IMPERMEABLE HECTARE. FOR FURTHER DETAILS OF VORTEX CONTROLS USED AND DISCHARGE RATES PLEASE REFER TOT THE ACCOMPANYING CALCULATIONS
- ALL HEADWALLS TO BE ARCHITECTURALLY CLADDED

KEY:

- ATTENUATION BASIN
- SURFACE WATER DRAINAGE
- HEADWALL

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CLIENT: BERKELEY ST JAMES

ARCHITECT: JTP / STEPHEN GEORGE AND PARTNERS

SITE/PROJECT: MILTON KEYNES EAST

TITLE: DRAINAGE PLAN SHEET 25

SCALE @ A1: 1:500	CHECKED: DSF	APPROVED: SAP
PROJECT NO: 70057521	DESIGNED: DSF	DRAWN: OPL
		DATE: November 20

DRAWING No: MKE-WSP-ZZ-ZZ-C-DR-0525

REV: P01

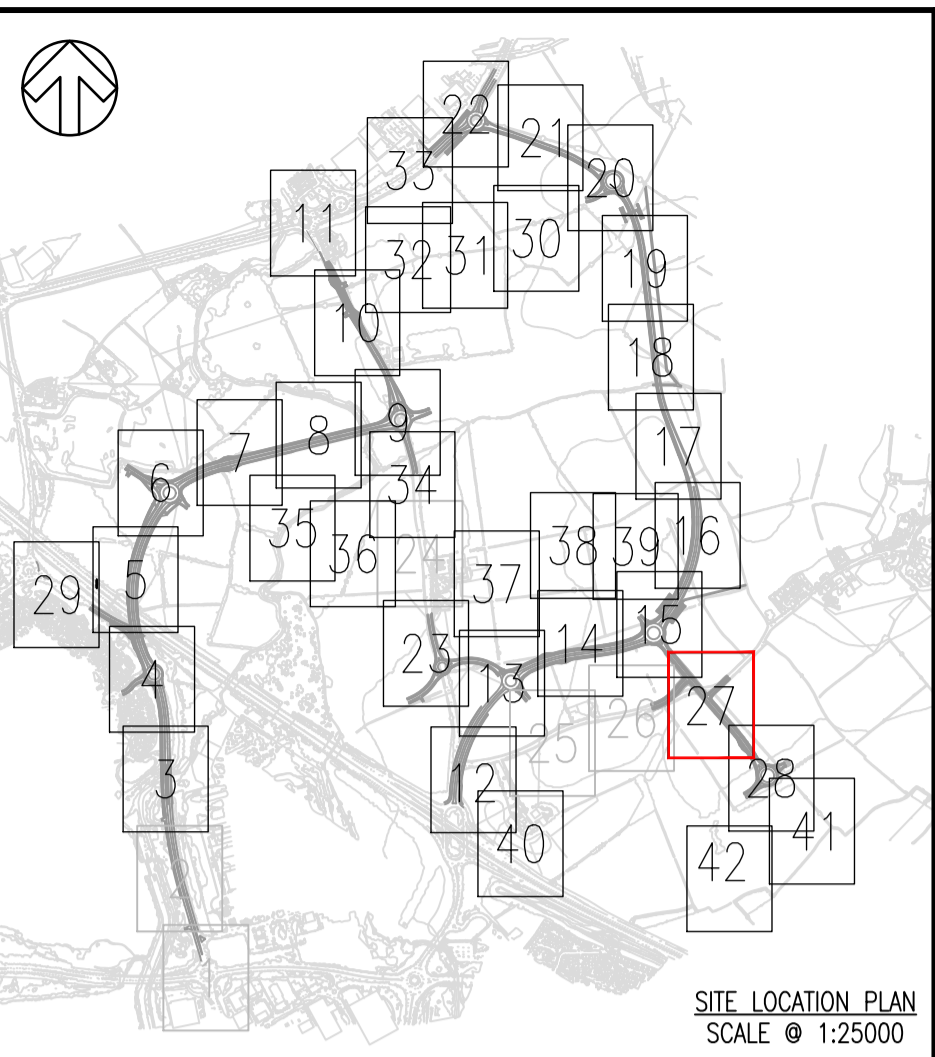
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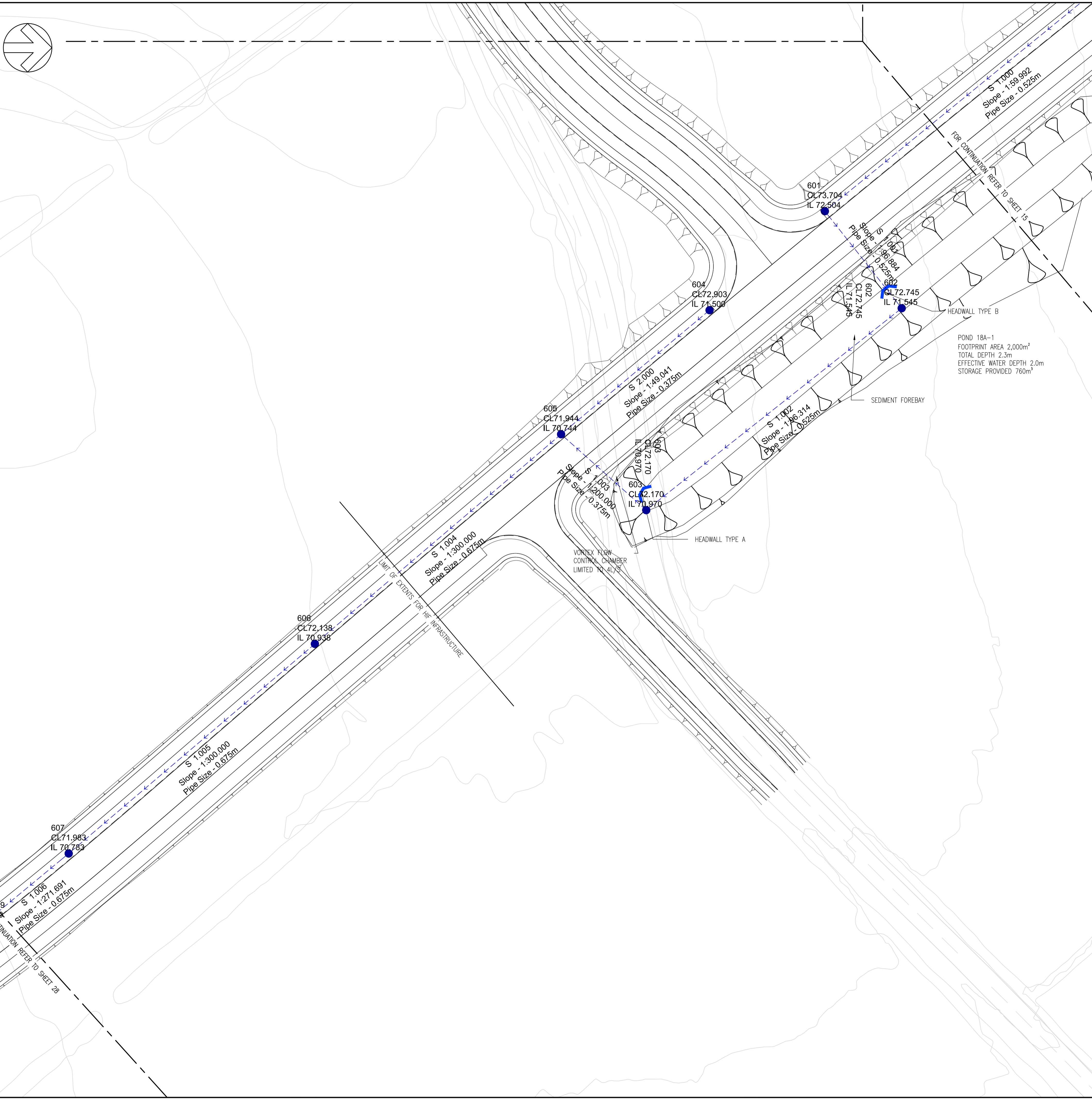
FOR CONTINUATION REFER TO SHEET 14







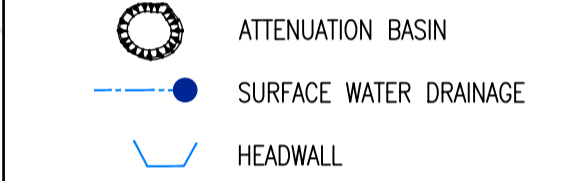
SITE LOCATION PLAN  
SCALE @ 1:25000



NOTES:

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12. ALL HEADWALLS TO BE ARCHITECTURALLY CLADDED

KEY:



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ARCHITECT: **JTP / STEPHEN GEORGE AND PARTNERS**

SITE/PROJECT: **MILTON KEYNES EAST**

TITLE: **DRAINAGE PLAN SHEET 27**

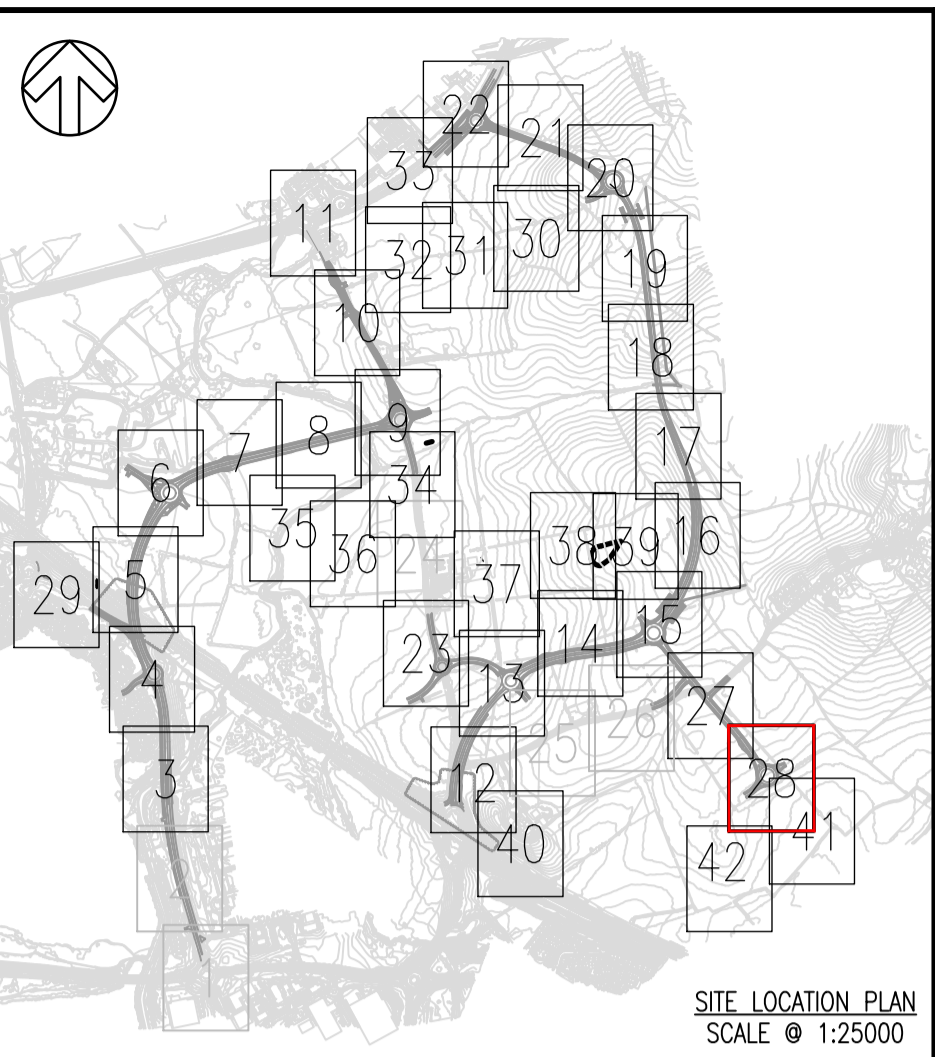
SCALE @ A1:	CHECKED:	APPROVED:
1:500	DSF	SAP

PROJECT NO:	DESIGNED:	DRAWN:	DATE:
70057521	DSF	GLG	March 21

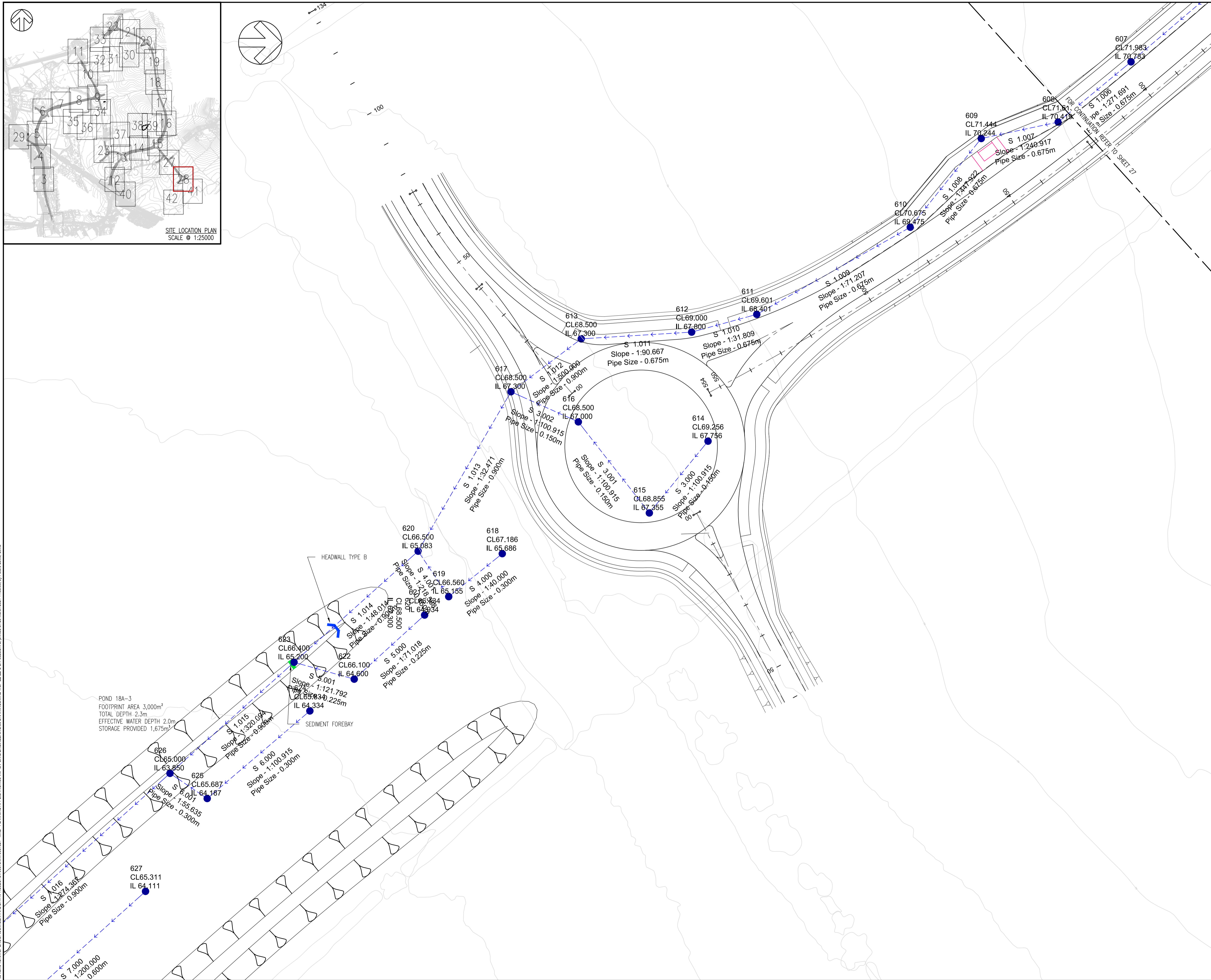
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SITE LOCATION PLAN  
SCALE @ 1:25000



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- ALL HEADWALLS TO BE ARCHITECTURALLY CLADDED

KEY:

- ATTENUATION BASIN
- SURFACE WATER DRAINAGE
- HEADWALL

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ARCHITECT: **JTP / STEPHEN GEORGE AND PARTNERS**

SITE/PROJECT: **MILTON KEYNES EAST**

TITLE: **DRAINAGE PLAN  
SHEET 28**

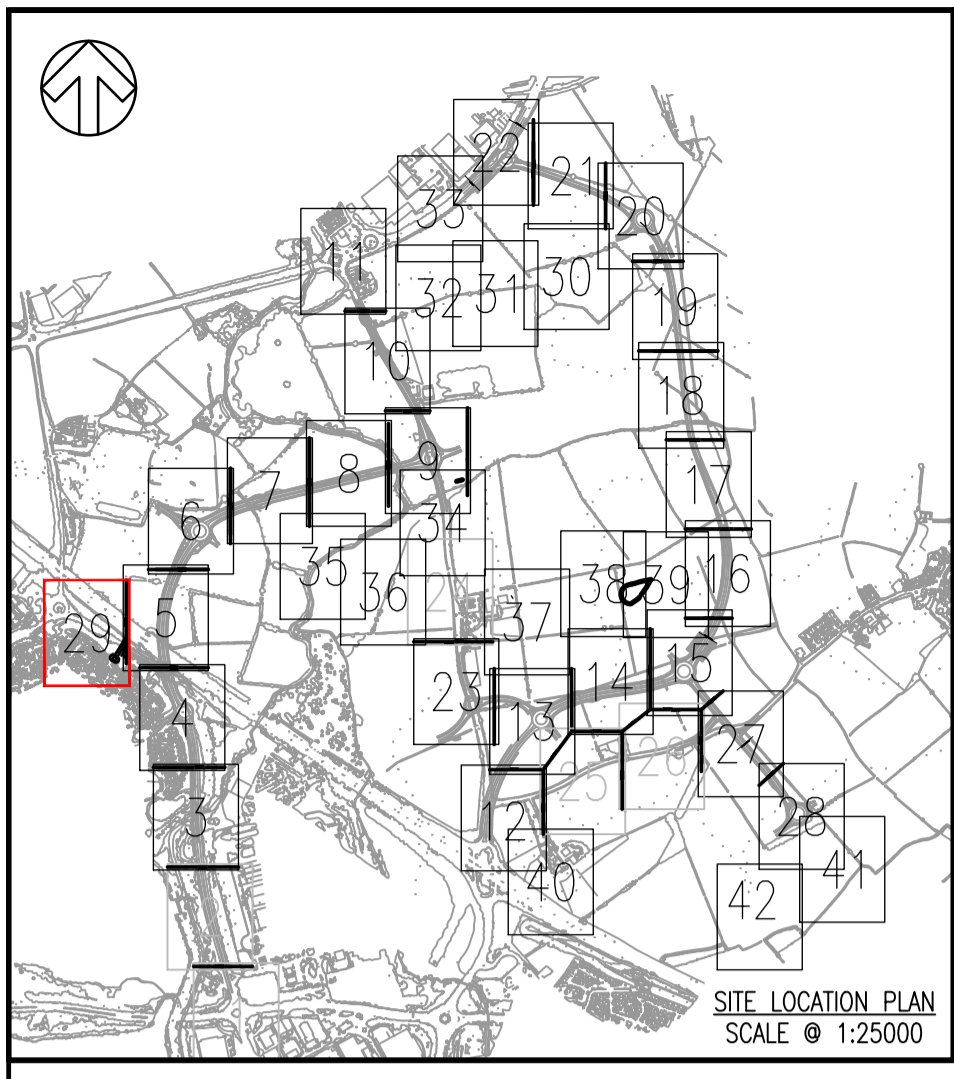
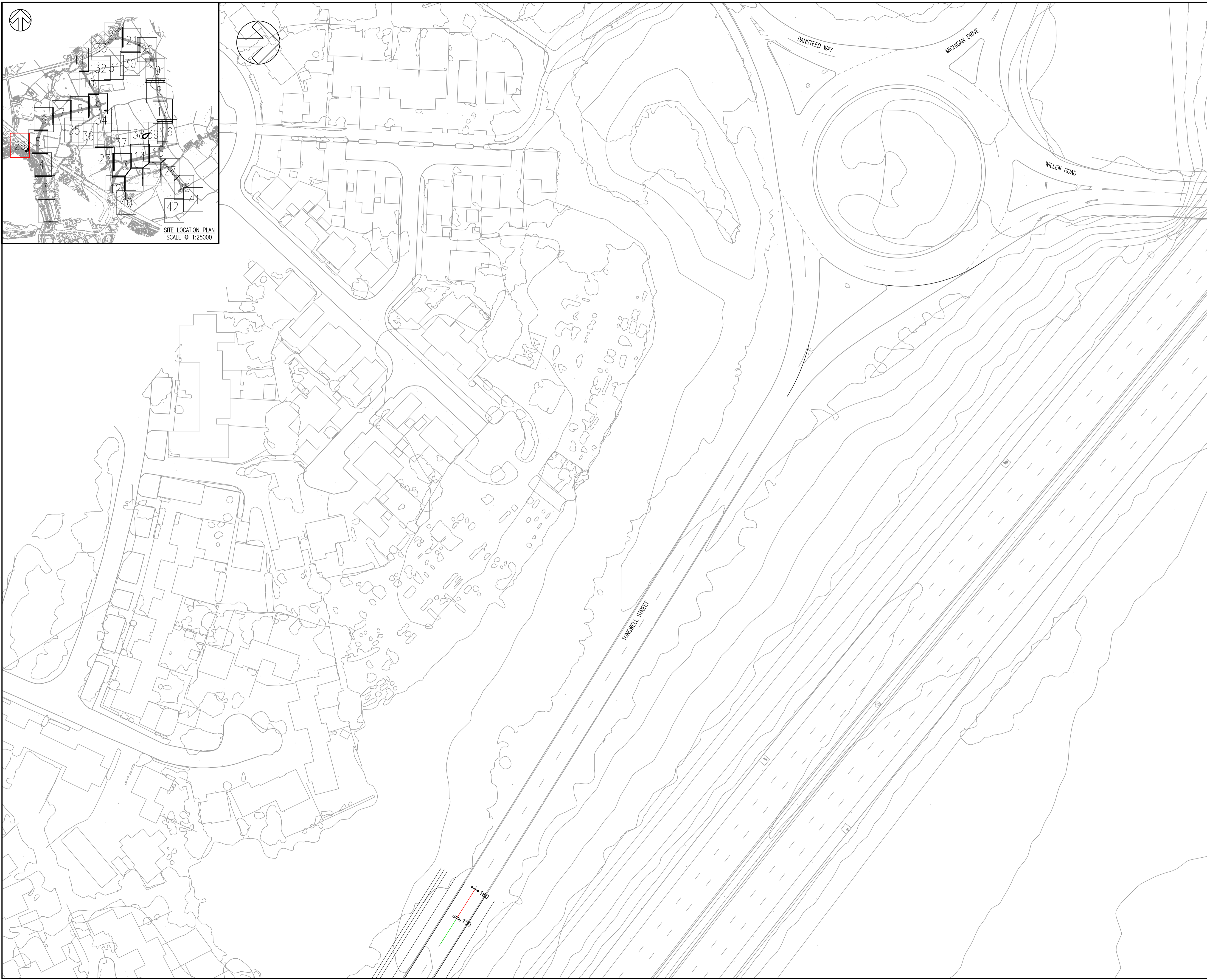
SCALE @ A1:	CHECKED:	APPROVED:
1:500	DSF	SAP

PROJECT NO:	DESIGNED:	DRAWN:	DATE:
70057521	DSF	GLG	November 20

DRAWING NO: <b>MKE-WSP-ZZ-ZZ-C-DR-0528</b>	REV: <b>P01</b>
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12. ALL HEADWALLS TO BE ARCHITECTURALLY CLADDED


**KEY:**

-  ATTENUATION BASIN
-  SURFACE WATER DRAINAGE
-  HEADWALL

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ARCHITECT: **JTP / STEPHEN GEORGE AND PARTNERS**

SITE/PROJECT: **MILTON KEYNES EAST**

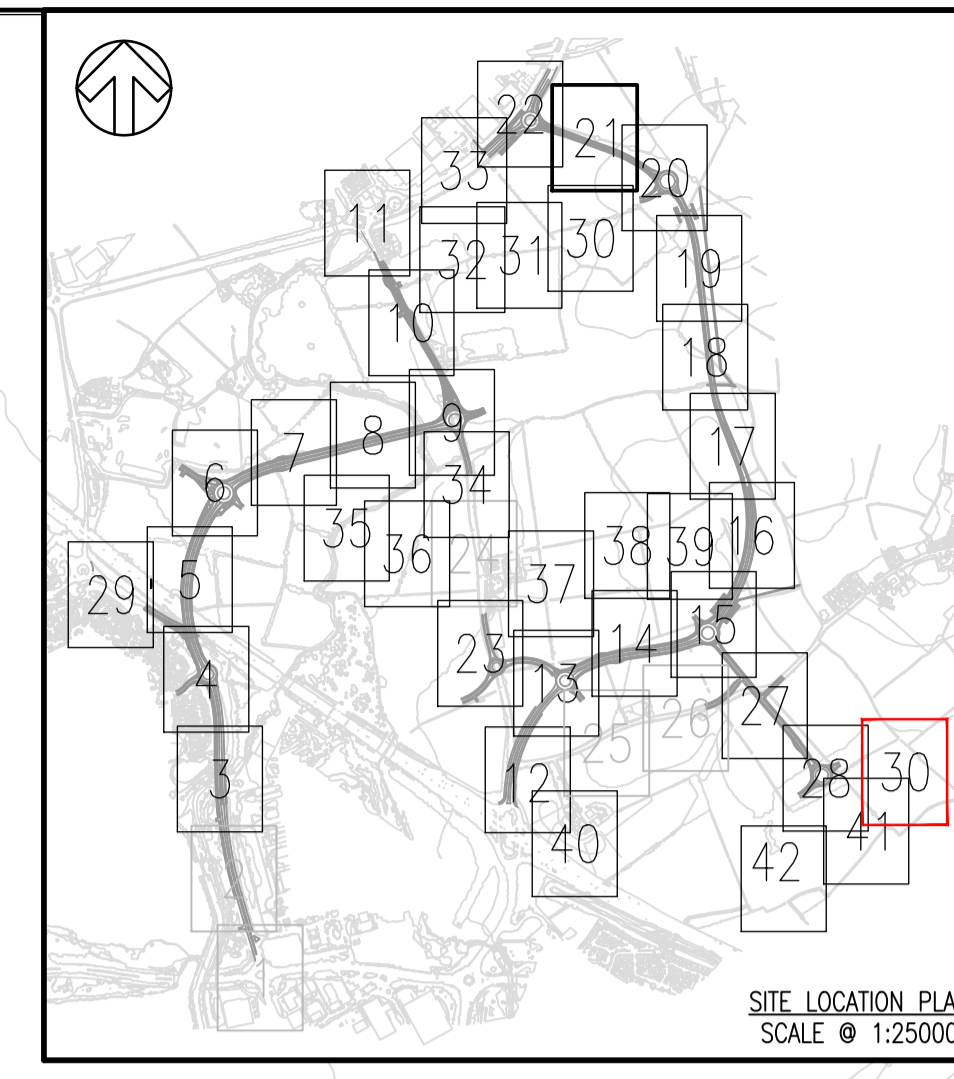
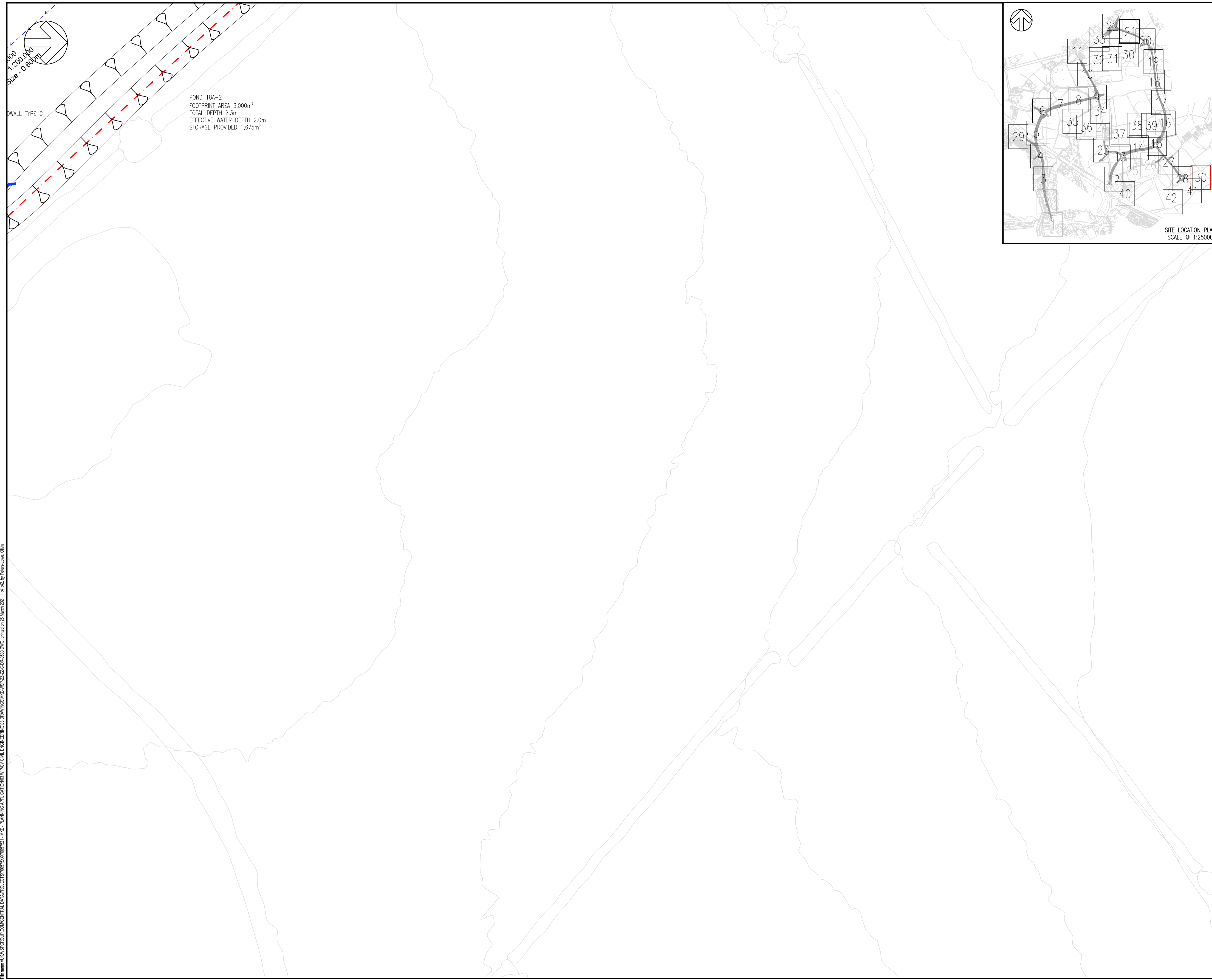
TITLE: **DRAINAGE PLAN SHEET 29**

SCALE @ A1: 1:500	CHECKED: DSF	APPROVED: SAP
PROJECT NO: 70057521	DESIGNED: DSF	DRAWN: GLG
		DATE: November 20

DRAWING NO: **MKE-WSP-ZZ-ZZ-C-DR-0529**      REV: **P01**

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  - ALL DRAINAGE HAS BEEN DESIGNED IN ACCORDANCE WITH THE DCG, DMRB, CIRIA SuDS MANUAL AND MKE GUIDANCE.
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  - SURFACE WATER RUNOFF IS RESTRICTED TO 4L/S/IMPERMEABLE HECTARE. FOR FURTHER DETAILS OF VORTEX CONTROLS USED AND DISCHARGE RATES PLEASE REFER TOT THE ACCOMPANYING CALCULATIONS
  - ALL HEADWALLS TO BE ARCHITECTURALLY CLADDED

- KEY:**
- ATTENUATION BASIN
  - SURFACE WATER DRAINAGE
  - HEADWALL

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PO1	12/03/2021	OPL	FIRST ISSUE	DSF	SAP
REV	DATE	BY	DESCRIPTION	CHK	APP

DRAWING STATUS: **S0 - WORK IN PROGRESS**

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CLIENT: **BERKELEY ST JAMES**

ARCHITECT: **JTP / STEPHEN GEORGE AND PARTNERS**

SITE/PROJECT: **MILTON KEYNES EAST**

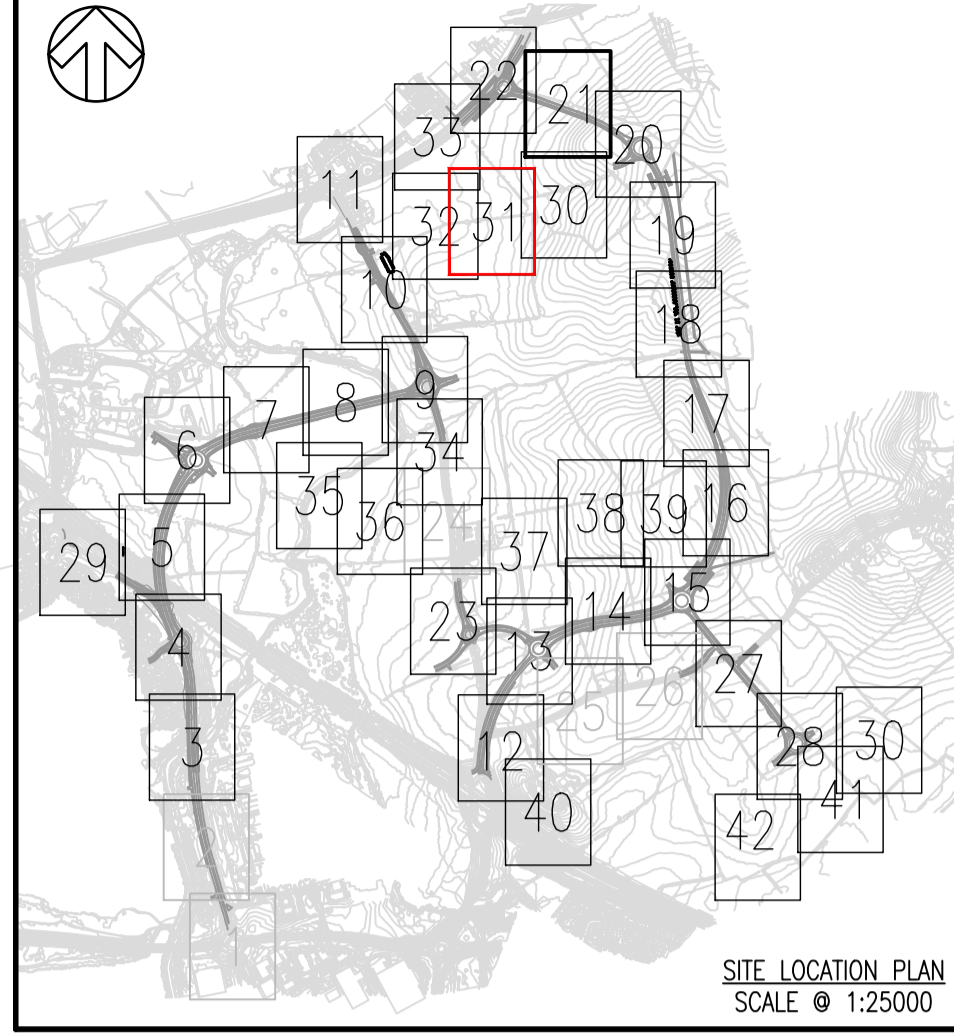
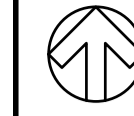
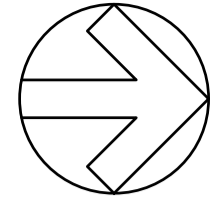
TITLE: **DRAINAGE PLAN SHEET 30**

SCALE @ A1: 1:500	CHECKED: DSF	APPROVED: SAP
PROJECT NO: 70057521	DESIGNED: DSF	DRAWN: OPL
		DATE: November 20

DRAWING No: **MKE-WSP-ZZ-ZZ-C-DR-0530**      REV: **P01**

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File name: \\UK\WSPGROUP\COMMON\DATA\PROJECTS\70057521\MKE - PLANNING APPLICATIONS\WSP\DWG\ENGINEERING\DRAINAGE\MKE-WSP-ZZ-ZZ-C-DR-0530.DWG, printed on 26 March 2021 11:44:52, by Peter-Coxon, Olan



NOTES:

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- ALL OUTFALL LEVELS TO BE CONFIRMED ON SITE PRIOR TO CONSTRUCTION
- SURFACE WATER RUNOFF IS RESTRICTED TO 4L/S/IMPERMEABLE HECTARE. FOR FURTHER DETAILS OF VORTEX CONTROLS USED AND DISCHARGE RATES PLEASE REFER TOT THE ACCOMPANYING CALCULATIONS
- ALL HEADWALLS TO BE ARCHITECTURALLY CLADDED

KEY:

- ATTENUATION BASIN
- SURFACE WATER DRAINAGE
- HEADWALL

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PO2	29/03/2021	MAR	POND INFORMATION UPDATED	DSF	SAP
PO1	12/03/2021	OPL	FIRST ISSUE	DSF	SAP
REV	DATE	BY	DESCRIPTION	CHK	APP

DRAWING STATUS: **S0 - WORK IN PROGRESS**

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CLIENT: **BERKELEY ST JAMES**

ARCHITECT: **JTP / STEPHEN GEORGE AND PARTNERS**

SITE/PROJECT: **MILTON KEYNES EAST**

TITLE: **DRAINAGE PLAN SHEET 31**

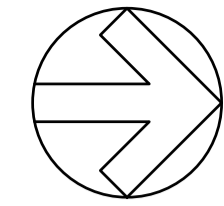
SCALE @ A1:	1:500	CHECKED:	DSF	APPROVED:	SAP
PROJECT NO:	70057521	DESIGNED:	DSF	DRAWN:	OPL
				DATE:	November 20

DRAWING No:	MKE-WSP-ZZ-ZZ-C-DR-0531	REV:	P02
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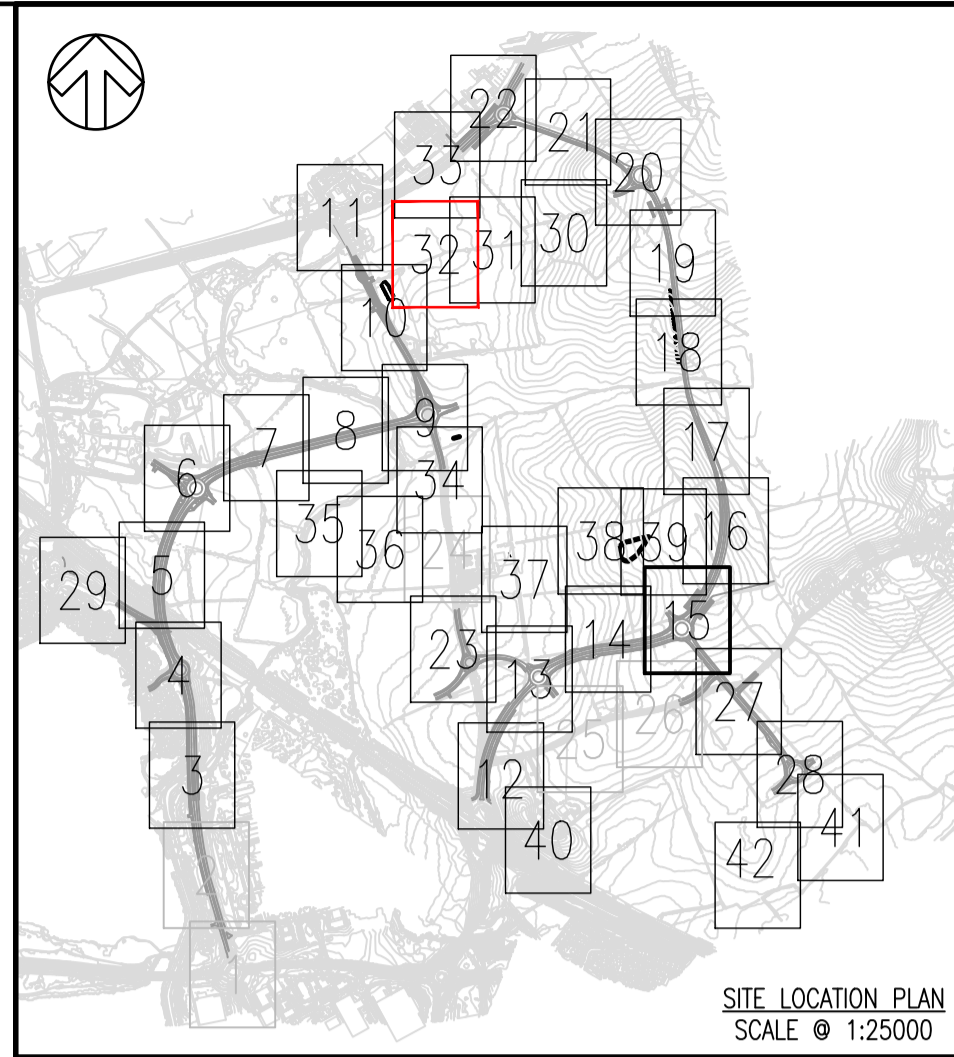
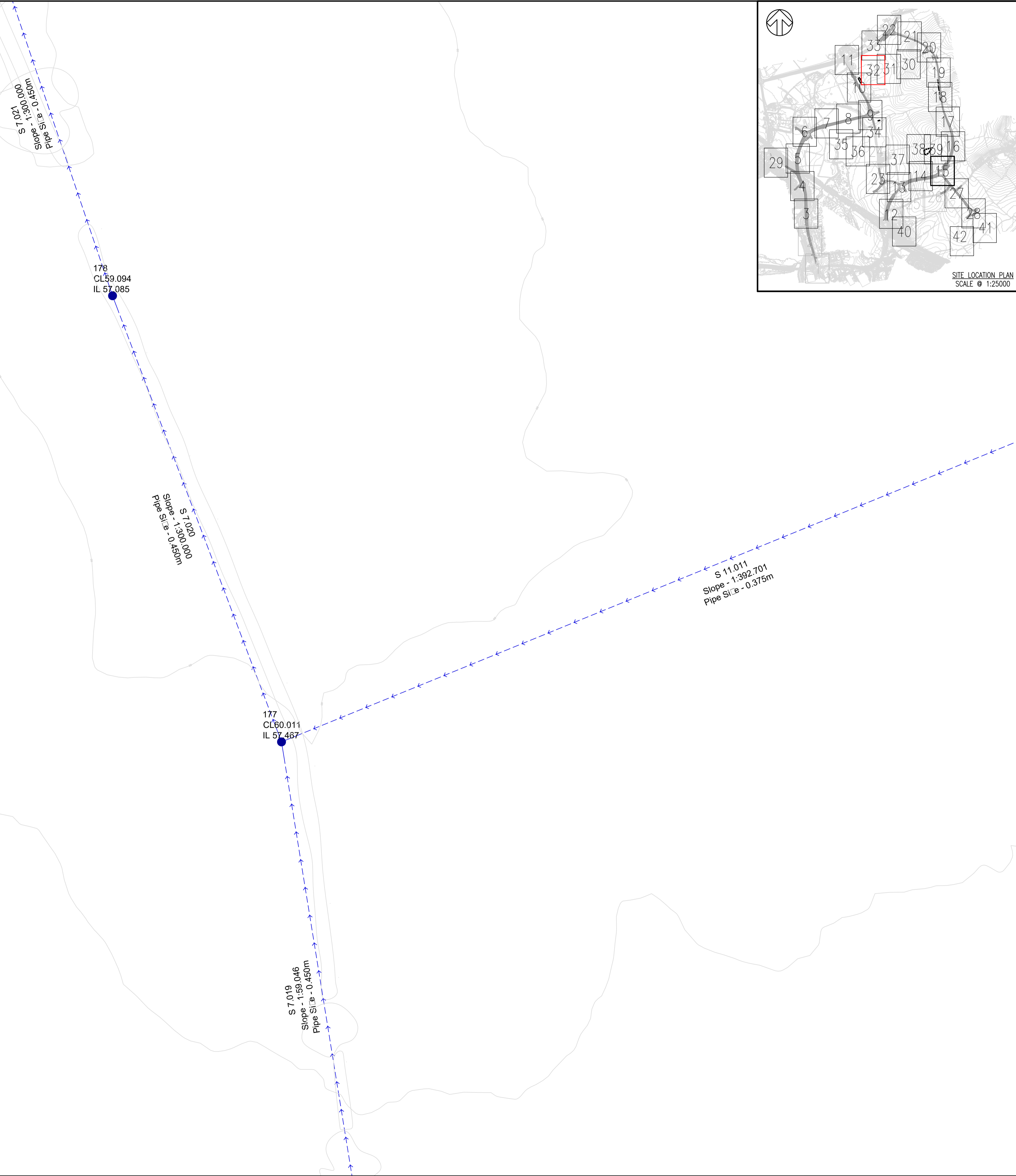
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File name: Z:\PROJECTS\70057521\MKE - PLANNING APPLICATIONS\WPCV CIVIL ENGINEERING\DWG\WSP-ZZ-ZZ-C-DR-0531.DWG, printed on 28 March 2021, 12:48:31, by Edwards, Dan





POND 5  
 FOOTPRINT AREA 3,750m<sup>2</sup>  
 TOTAL DEPTH 1.59m  
 EFFECTIVE WATER DEPTH 1.29m  
 STORAGE PROVIDED 3,500m<sup>3</sup>



NOTES:

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KEY:

- ATTENUATION BASIN
- SURFACE WATER DRAINAGE
- HEADWALL

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PO2	29/03/2021	MAR	POND INFORMATION UPDATED	DSF	SAP
PO1	12/03/2021	OPL	FIRST ISSUE	DSF	SAP
REV	DATE	BY	DESCRIPTION	CHK	APP

DRAWING STATUS: **S0 - WORK IN PROGRESS**

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ARCHITECT: **JTP / STEPHEN GEORGE AND PARTNERS**

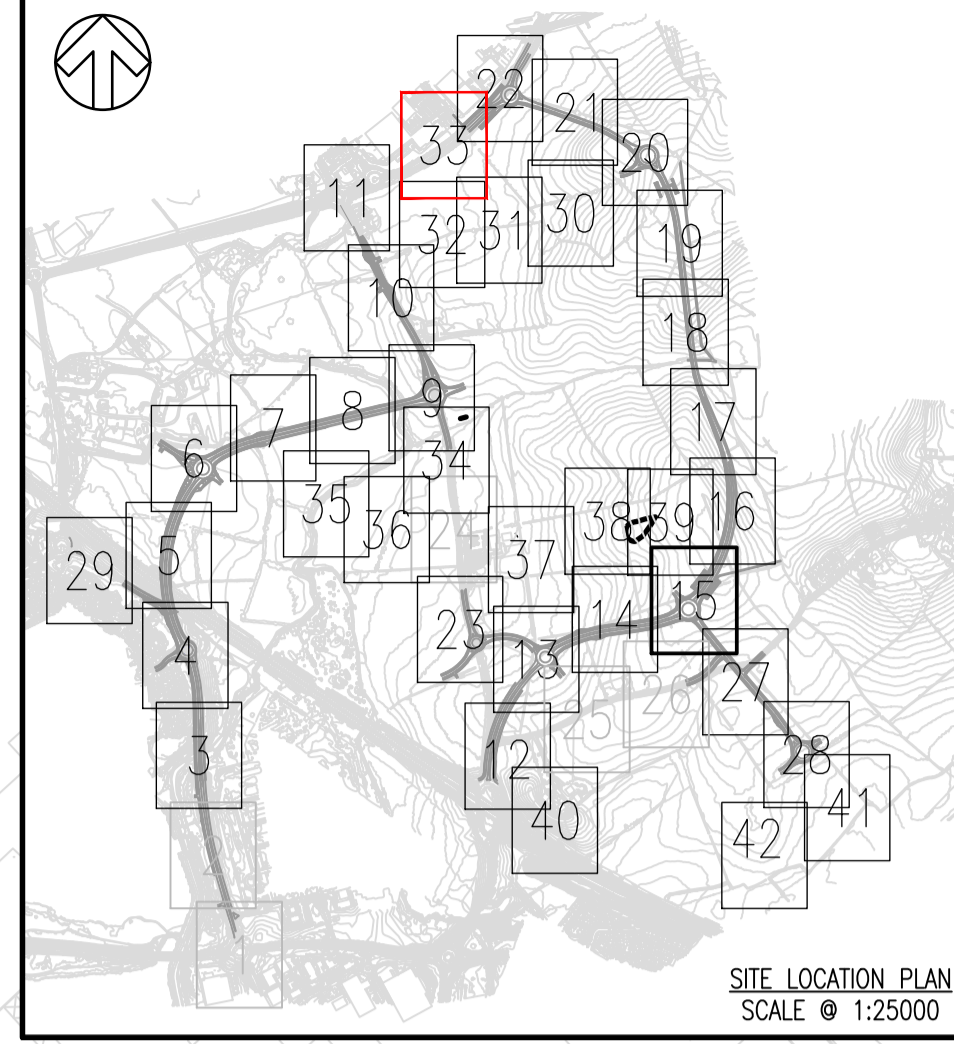
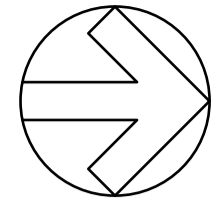
SITE/PROJECT: **MILTON KEYNES EAST**

TITLE: **DRAINAGE PLAN SHEET 32**

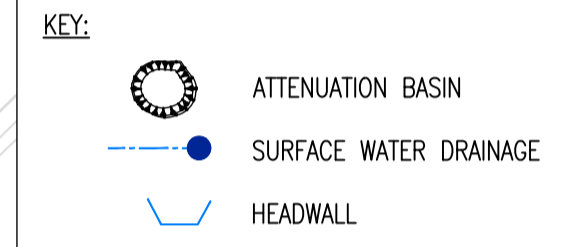
SCALE @ A1:	1:500	CHECKED:	DSF	APPROVED:	SAP
PROJECT NO:	70057521	DESIGNED:	DSF	DRAWN:	GLG
				DATE:	November 20

DRAWING No:	MKE-WSP-ZZ-ZZ-C-DR-0532	REV:	P02
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REV	DATE	BY	DESCRIPTION	CHK	APP
P01	12/03/2021	OPL	FIRST ISSUE	PSR	SWP

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ARCHITECT: **JTP / STEPHEN GEORGE AND PARTNERS**

SITE PROJECT: **MILTON KEYNES EAST**

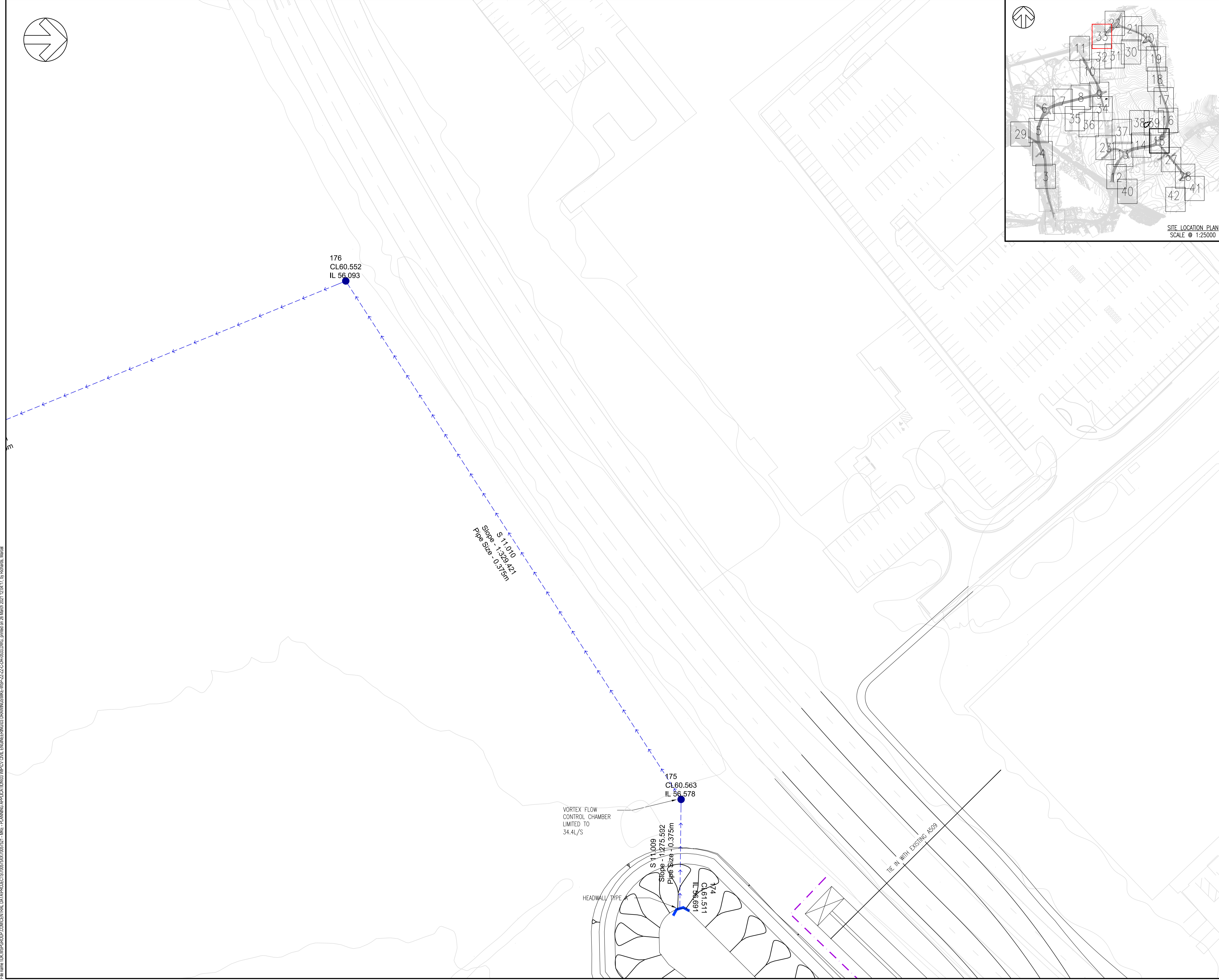
TITLE: **DRAINAGE PLAN SHEET 33**

SCALE @ A1:	CHECKED:	APPROVED:
1:500	DSF	SAP

PROJECT NO:	DESIGNED:	DRAWN:	DATE:
70057521	DSF	CLG	November 20

DRAWING No:	REV:
MKE-WSP-ZZ-ZZ-CR-0533	P01

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