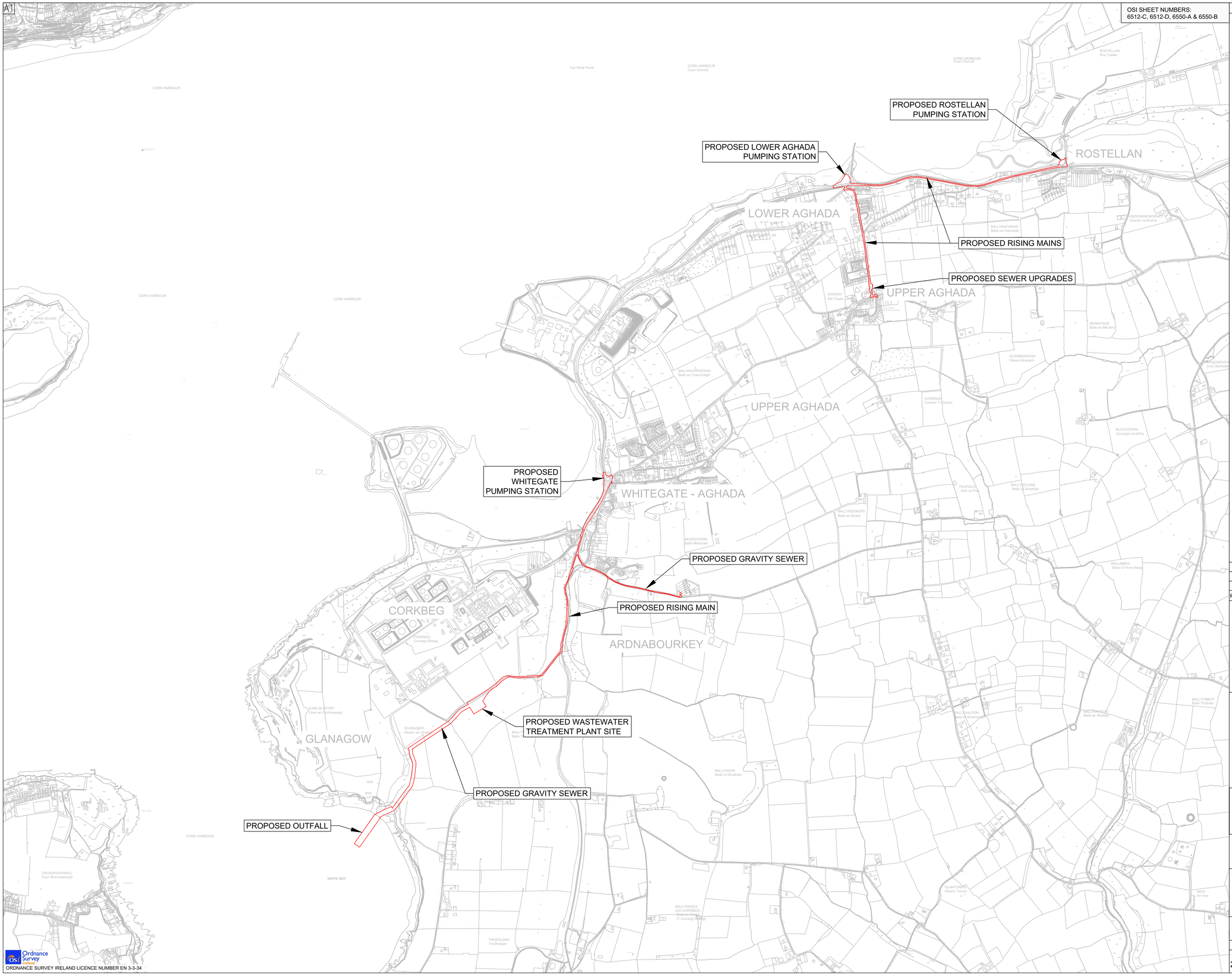
A1

OSI SHEET NUMBERS:
6512-C, 6512-D, 6550-A & 6550-B



GENERAL NOTES

N
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LEGEND:

PROPOSED SITE BOUNDARY

ALL PIPE ALIGNMENTS ARE INDICATIVE ONLY

Rev	Date	Description	By	Chk	App
I1	20/11/20	FOR INFORMATION	TD	AD	KOS

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PROJECT

WHITEGATE - AGHADA SEWERAGE SCHEME
UTAS - CORK BUNDLE

DRAWING TITLE

LOCATION MAP

STATUS

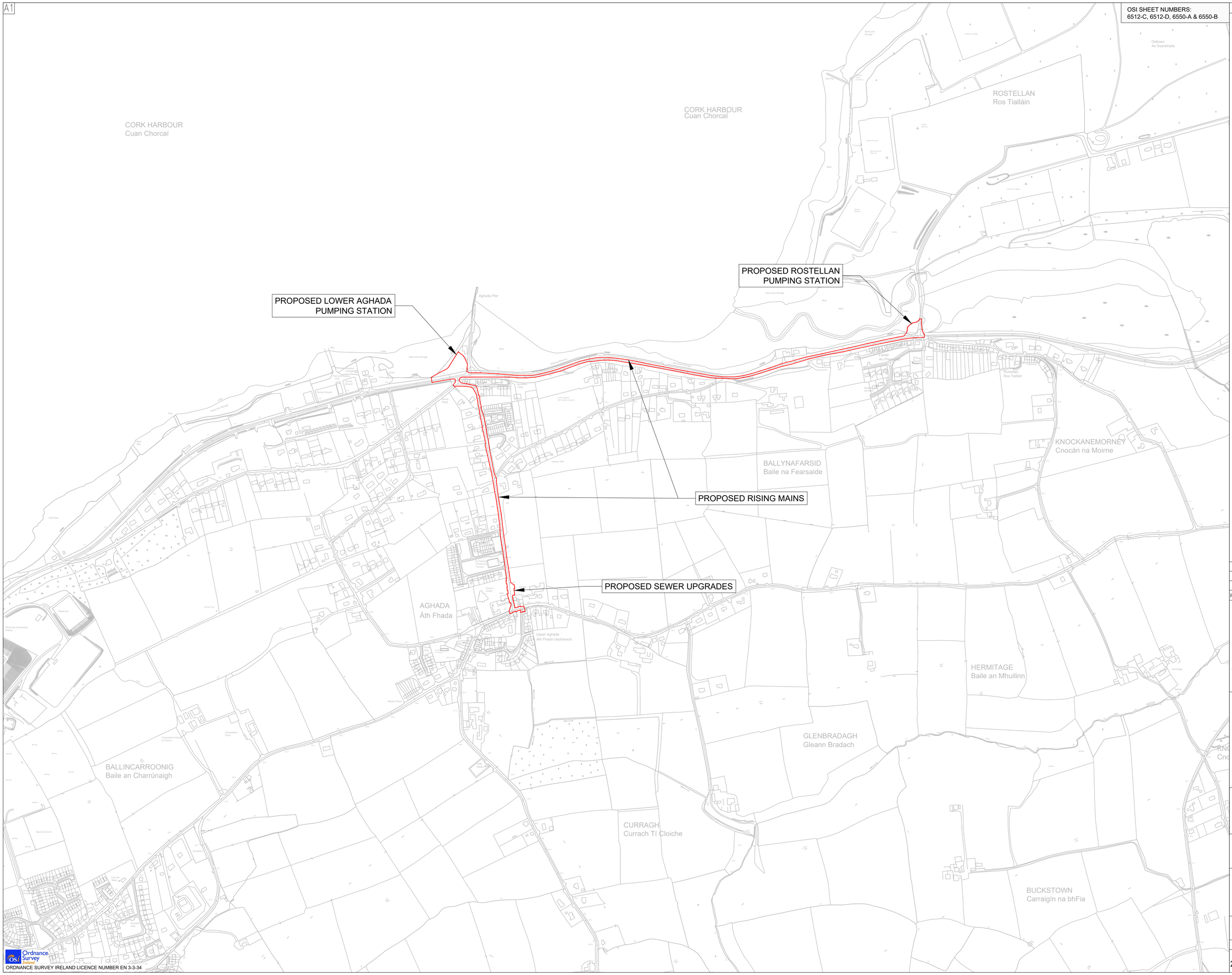
FOR INFORMATION

Date: 12/07/19	Scale: 1:10560@A1 NTS@A3	Drawn: TD	Chk: AM	App: KOS
Project No: 257589-00	Drg. No: IW-10015229-03-01-001			Rev: I1

Ordnance Survey Ireland
ORDNANCE SURVEY IRELAND LICENCE NUMBER EN 3-3-34

A1

OSI SHEET NUMBERS:
6512-C, 6512-D, 6550-A & 6550-B



Ordnance Survey Ireland
ORDNANCE SURVEY IRELAND LICENCE NUMBER EN 3-3-34

GENERAL NOTES

N
W E
S

LEGEND:

PROPOSED SITE BOUNDARY

ALL PIPE ALIGNMENTS ARE INDICATIVE ONLY

Rev	Date	Description	By	Chk	App
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PROJECT
WHITEGATE - AGHADA SEWERAGE SCHEME
UTAS - CORK BUNDLE

DRAWING TITLE
OVERALL SITE LAYOUT PLAN
SHEET 1 OF 2

STATUS
FOR INFORMATION

Date: 12/07/19	Scale: 1:5000@A1 1:2500@A3	Drawn: TD	Chk: AM	App: KOS
Project No: 257589-00	Drg. No: IW-10015229-03-01-002			Rev: I1

A1

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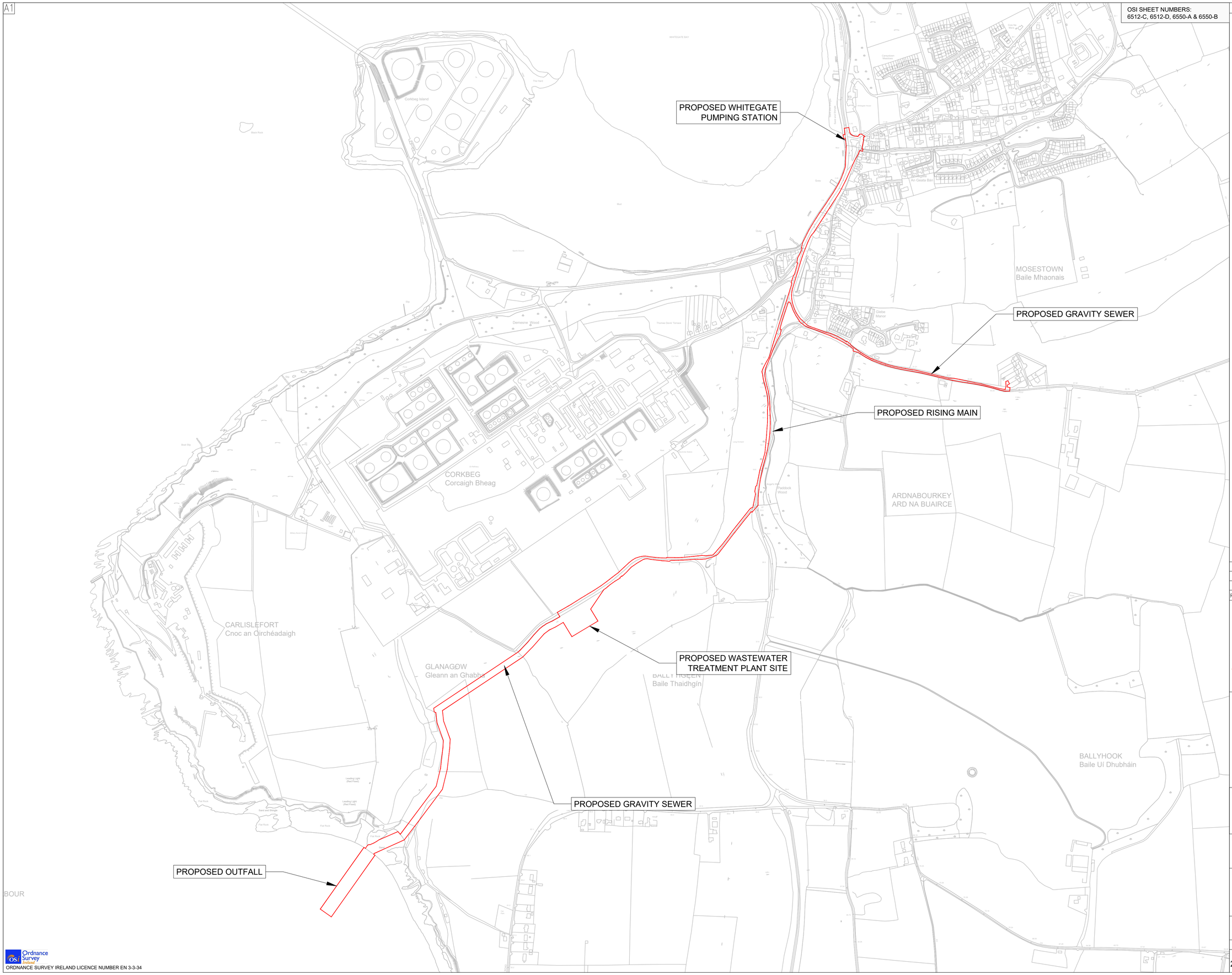

GENERAL NOTES

N
W E
S

LEGEND:

PROPOSED SITE BOUNDARY

ALL PIPE ALIGNMENTS ARE INDICATIVE ONLY

Rev	Date	Description	By	Chk	App
I1	20/11/20	FOR INFORMATION	TD	AD	KO'S

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PROJECT
WHITEGATE - AGHADA SEWERAGE SCHEME
UTAS - CORK BUNDLE

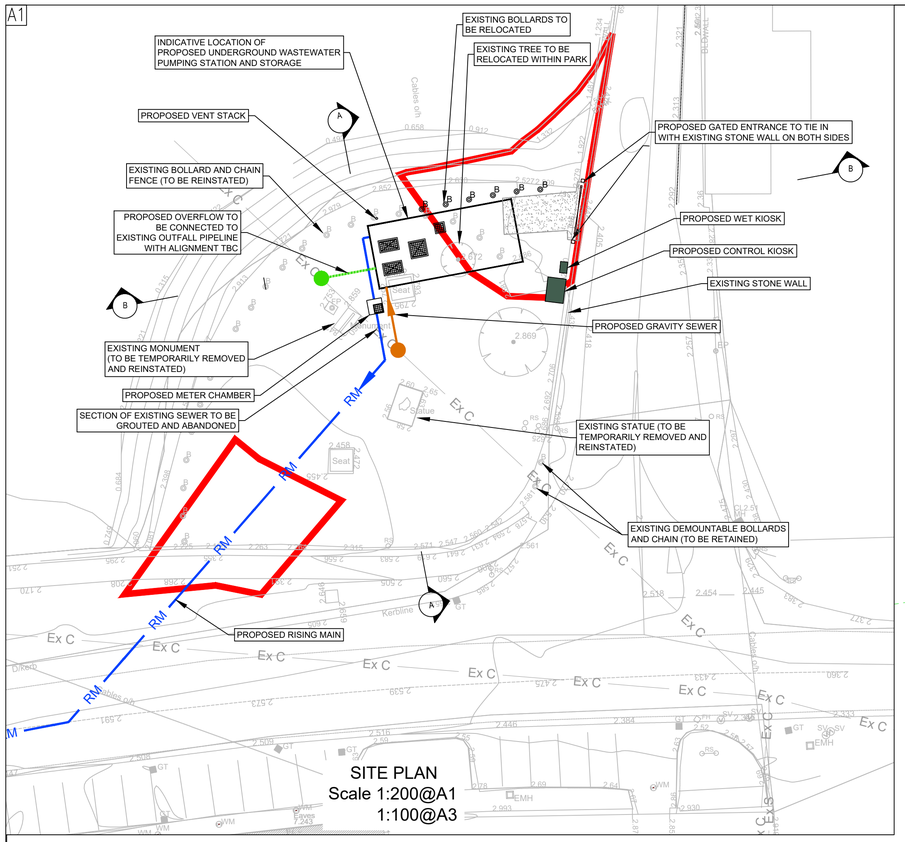
DRAWING TITLE
OVERALL SITE LAYOUT PLAN
SHEET 2 OF 2

STATUS
FOR INFORMATION

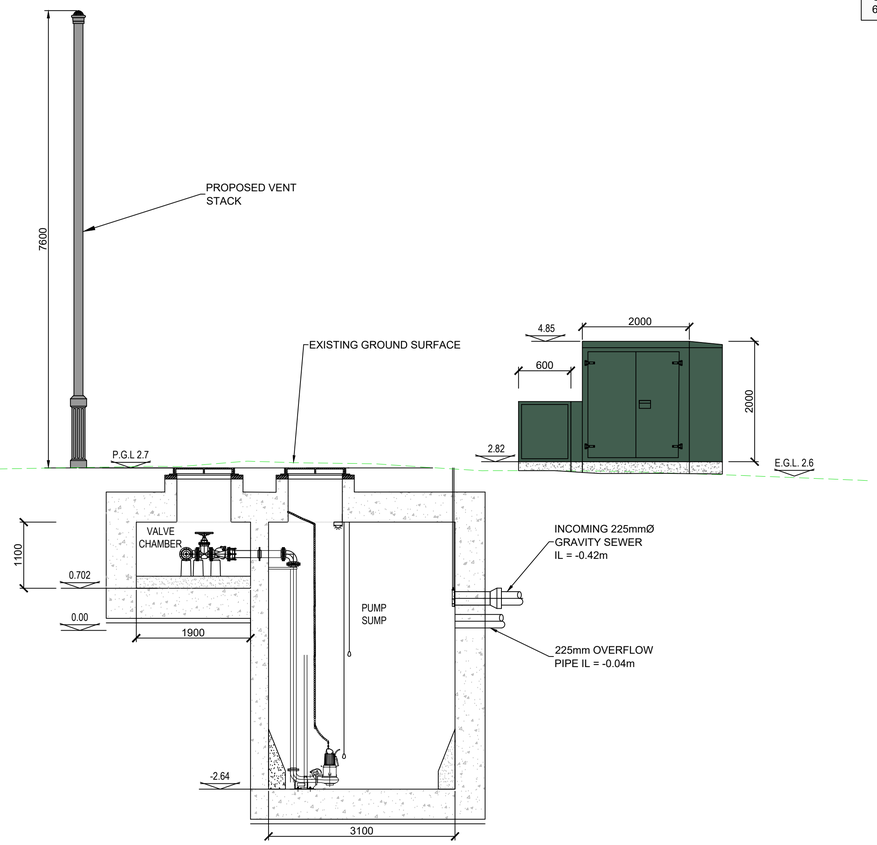
Date: 12/07/19	Scale: 1:5000@A1 1:2500@A3	Drawn: TD	Chk: AM	App: KOS
Project No: 257589-00	Drg. No: IW-10015229-03-01-003			Rev: I1

Ordnance Survey Ireland
ORDNANCE SURVEY IRELAND LICENCE NUMBER EN 3-3-34

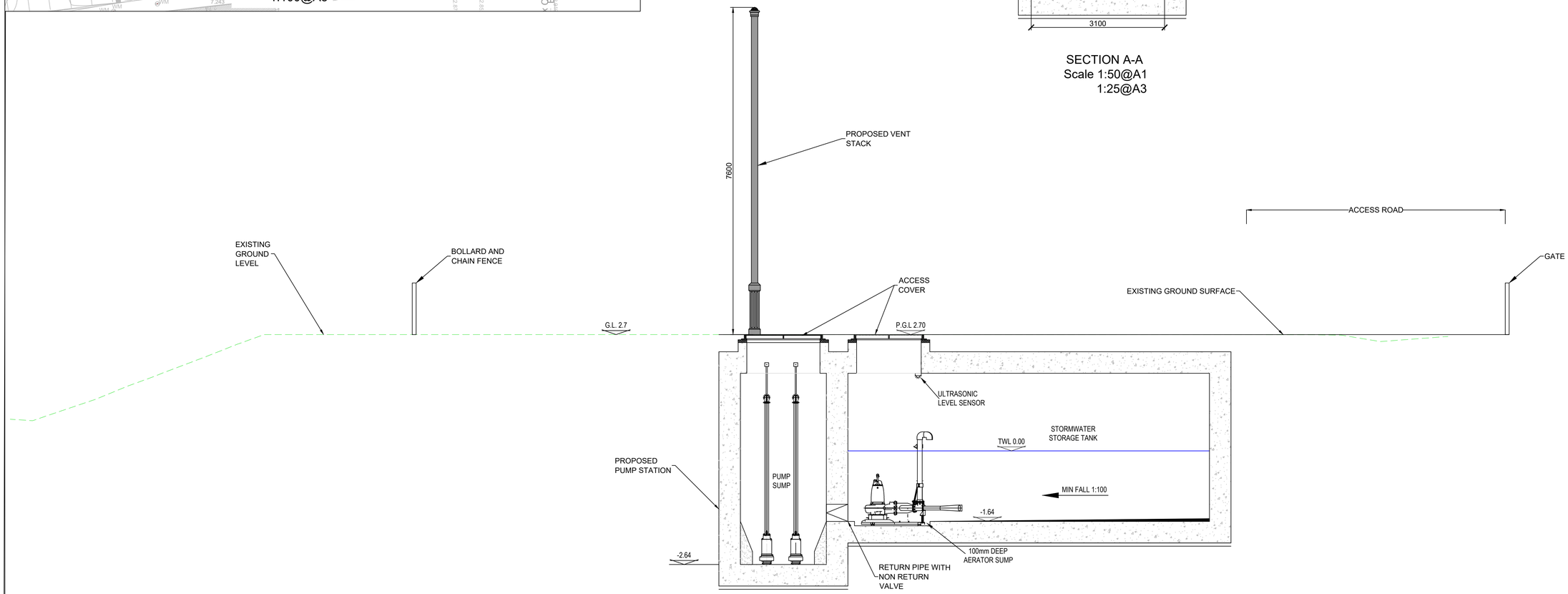
A1



SITE PLAN
Scale 1:200@A1
1:100@A3



SECTION A-A
Scale 1:50@A1
1:25@A3



SECTION B-B
Scale 1:50@A1
1:25@A3

OSI SHEET NUMBERS:
6512-C, 6512-D, 6550-A & 6550-B

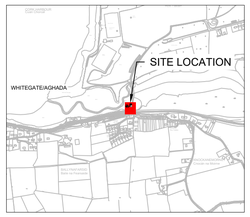
GENERAL NOTES

N
W E
S

LEGEND:

- FORESHORE LICENCE
- PROPOSED RISING MAIN (RM)
- PROPOSED SEWER (F)
- PROPOSED MANHOLE
- PROPOSED OUTFALL/OVERFLOW
- EXISTING FOUL SEWER (Ex F)
- EXISTING COMBINED SEWER (Ex C)
- EXISTING STORM SEWER (Ex S)

ALL PIPE ALIGNMENTS ARE INDICATIVE ONLY



Rev	Date	Description	By	Chk	App
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PROJECT
UTAS - CORK BUNDLE
WHITEGATE - AGHADA

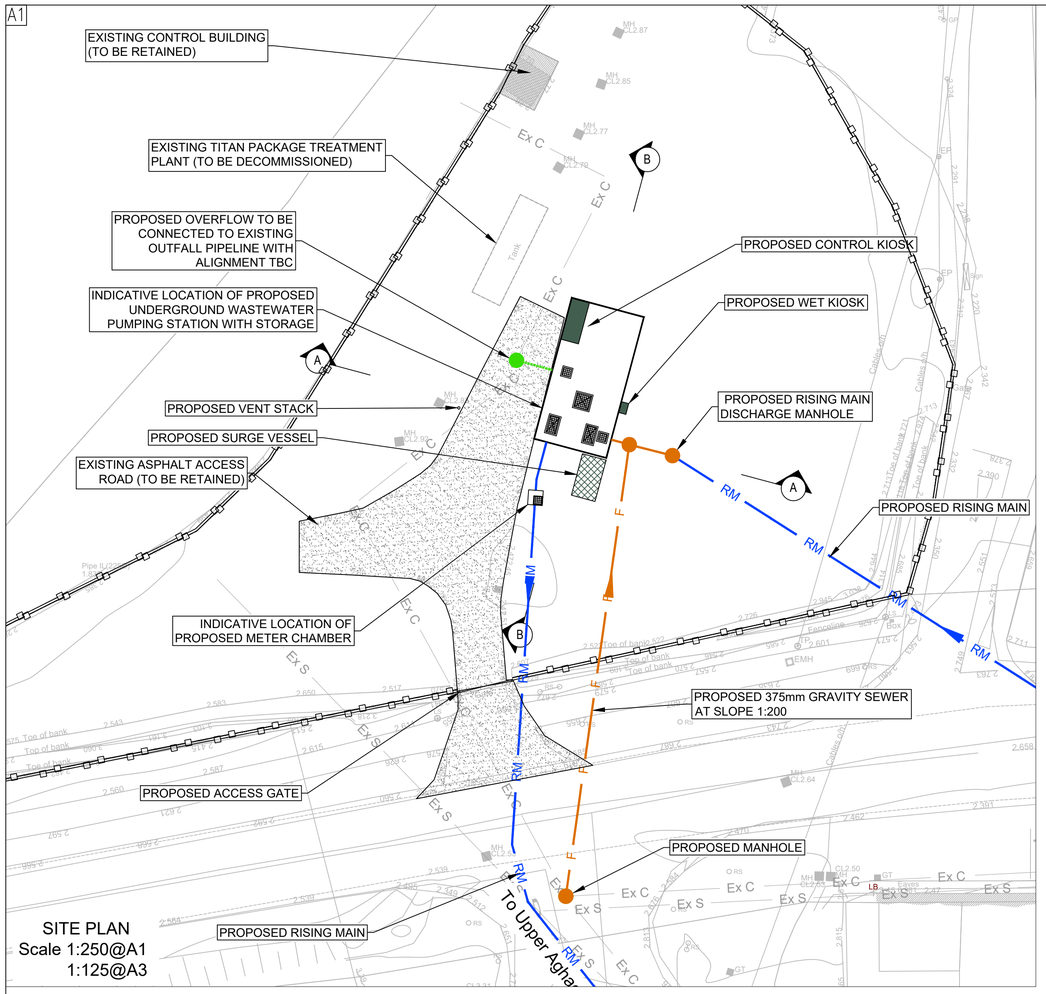
DRAWING TITLE
PROPOSED ROSTELLAN PUMPING STATION
SITE LAYOUT AND SECTIONS

STATUS
FOR INFORMATION

Date: 07-06-19	Scale: AS SHOWN	Drawn: TD	Chk: CE	App: KOS
Project No: 257589-00	Drg. No: IW-10015229-03-01-004			Rev: I1

Ordnance Survey Ireland
ORDNANCE SURVEY IRELAND LICENCE NUMBER EN 3-3-34

A1



SITE PLAN
Scale 1:250@A1
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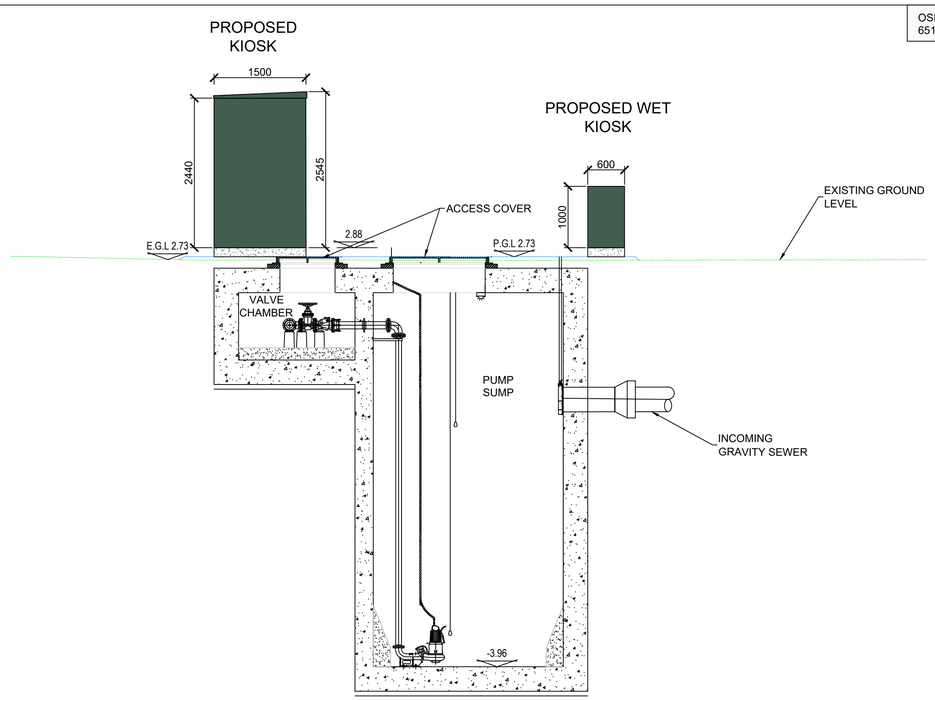
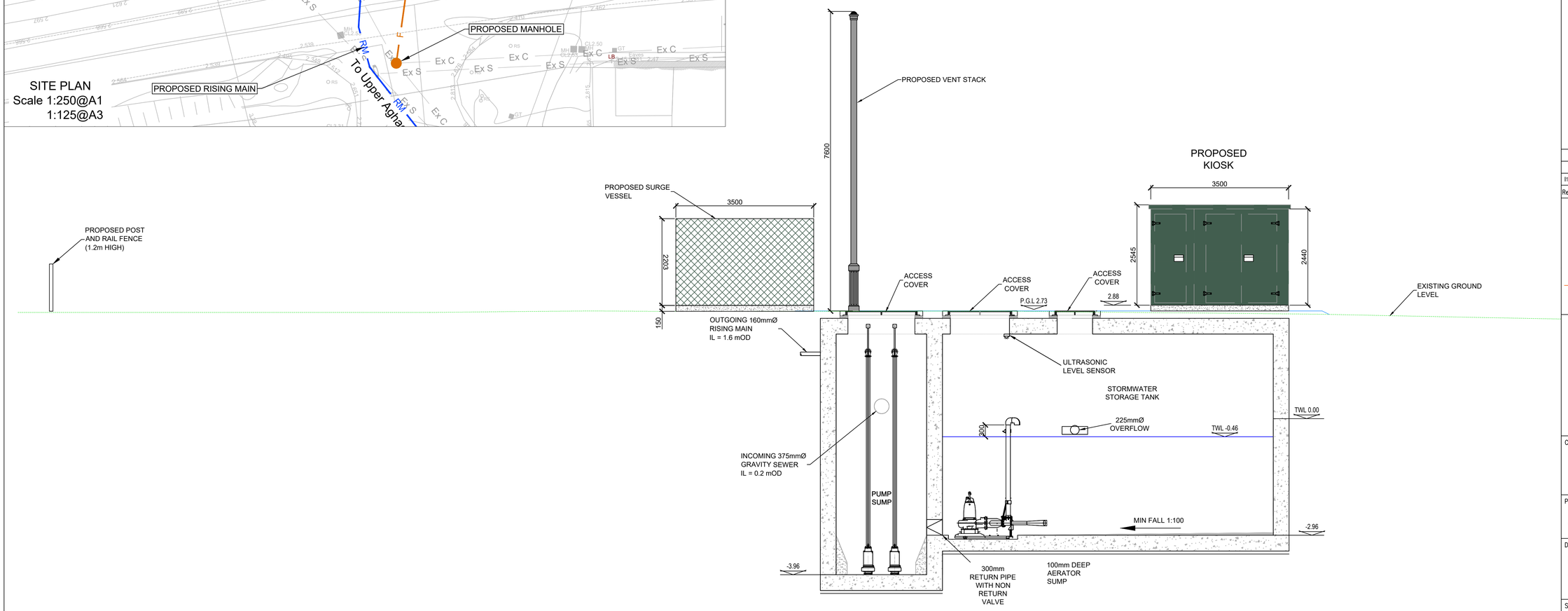


SECTION A-A
Scale 1:50@A1
1:25@A3



SECTION B-B
Scale 1:50@A1
1:25@A3

OSI SHEET NUMBERS:
6512-C, 6512-D, 6550-A & 6550-B

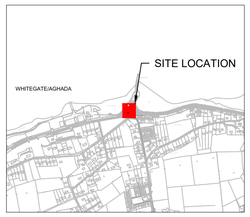
GENERAL NOTES

N W E S

LEGEND:

- PROPOSED RISING MAIN — RM
- PROPOSED SEWER — F
- PROPOSED MANHOLE
- PROPOSED OUTFALL/OVERFLOW
- EXISTING FOUL SEWER — Ex F
- EXISTING COMBINED SEWER — Ex C
- EXISTING STORM SEWER — Ex S

ALL PIPE ALIGNMENTS ARE INDICATIVE ONLY



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PROJECT
UTAS - CORK BUNDLE
WHITEGATE - AGHADA

DRAWING TITLE
PROPOSED LOWER AGHADA PUMPING STATION
SITE LAYOUT AND SECTIONS

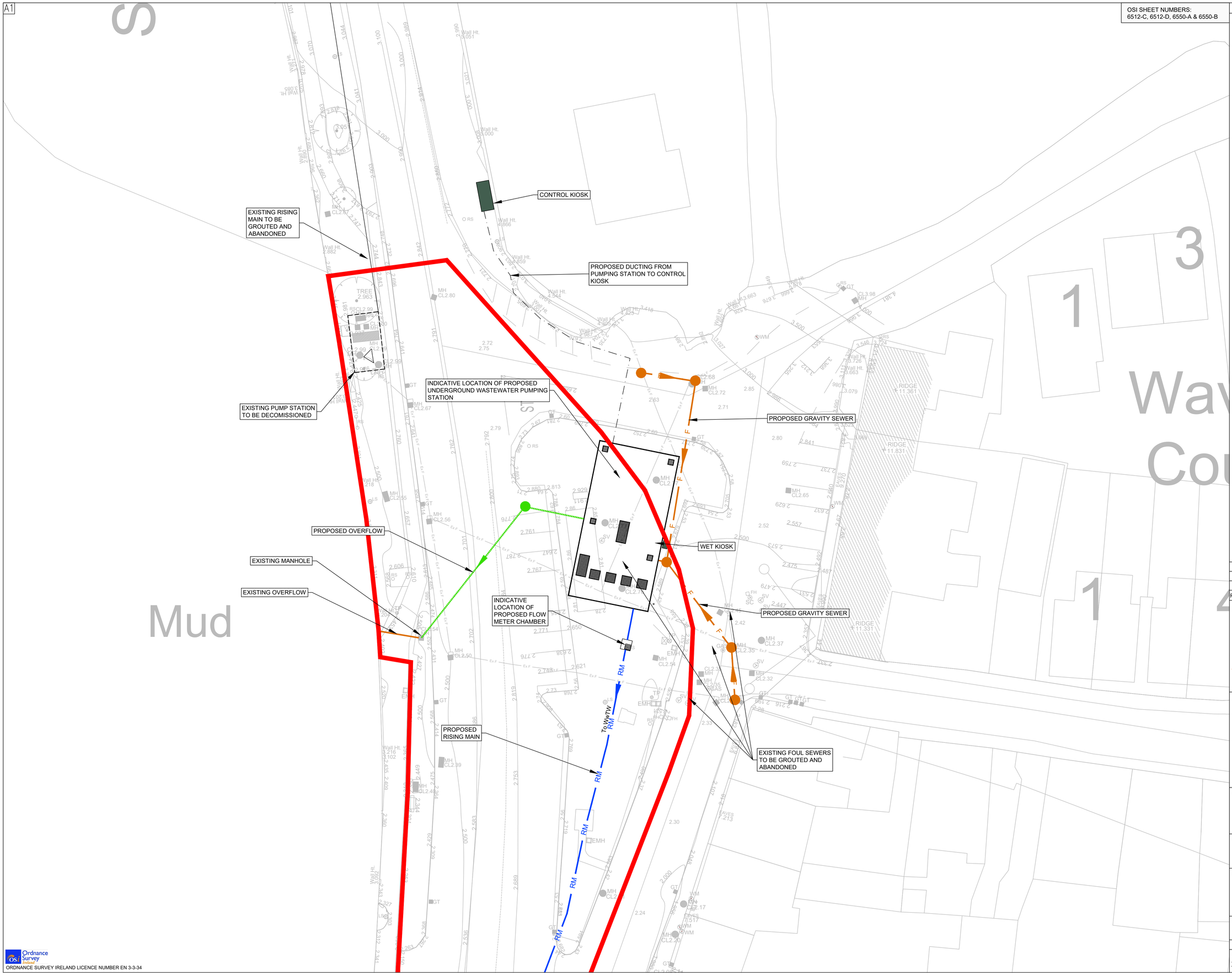
STATUS
FOR INFORMATION

Date: 07-06-19	Scale: AS SHOWN	Drawn: TD	Chk: CE	App: KOS
Project No: 257589-00	Drg. No: IW-10015229-03-01-005			Rev: I1

Ordnance Survey Ireland
ORDNANCE SURVEY IRELAND LICENCE NUMBER EN 3-3-34

A1

OSI SHEET NUMBERS:
6512-C, 6512-D, 6550-A & 6550-B



GENERAL NOTES

N
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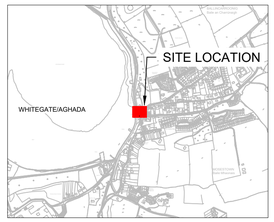
LEGEND:

- FORESHORE LICENCE AREA
- PROPOSED RISING MAIN (RM)
- PROPOSED SEWER (F)
- PROPOSED MANHOLE
- PROPOSED OUTFALL/OVERFLOW
- EXISTING FOUL SEWER (Ex F)
- EXISTING COMBINED SEWER (Ex C)
- EXISTING STORM SEWER (Ex S)

ALL PIPE ALIGNMENTS ARE INDICATIVE ONLY



Rev	Date	Description	By	Chk	App
I1	20/11/20	FOR INFORMATION	TD	AD	KO'S

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PROJECT
WHITEGATE - AGHADA SEWERAGE SCHEME
UTAS - CORK BUNDLE

DRAWING TITLE
PROPOSED WHITEGATE PUMP STATION
SITE LAYOUT PLAN

STATUS
FOR INFORMATION

Date: 07/06/2019	Scale: 1:200@A1 1:100@A3	Drawn: TD	Chk: KOS	App: DOC
Project No: 257589-00	Drg. No: IW-10015229-03-01-006			Rev: I1

Ordnance Survey Ireland
ORDNANCE SURVEY IRELAND LICENCE NUMBER EN 3-3-34

A1

OSI SHEET NUMBERS:
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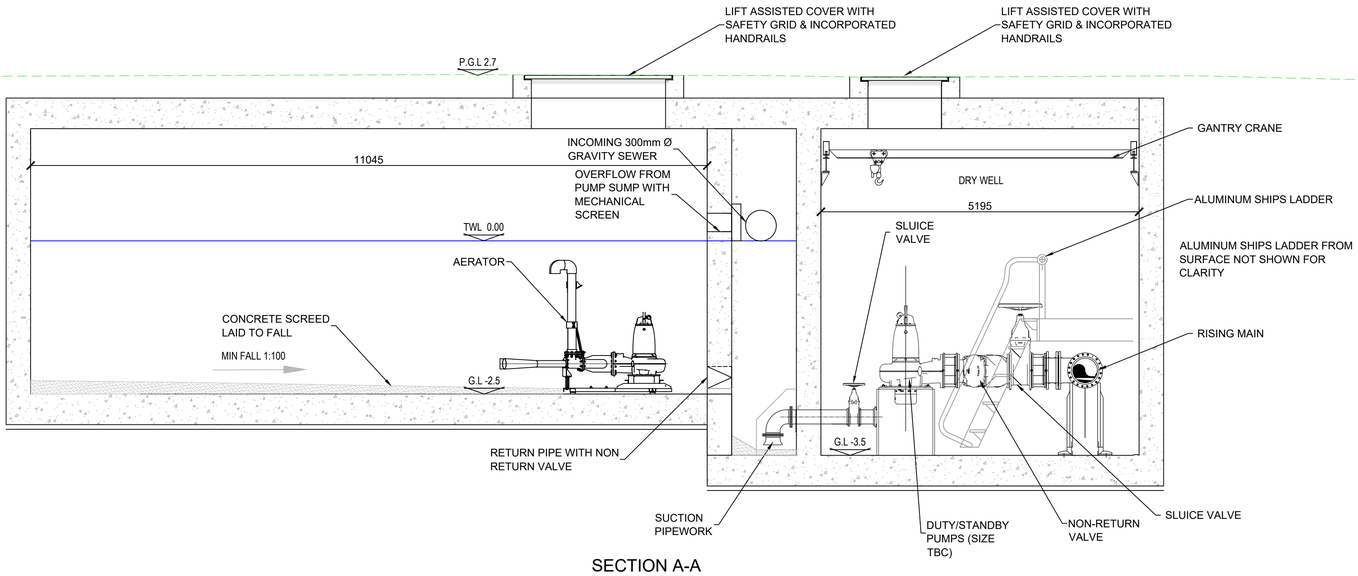
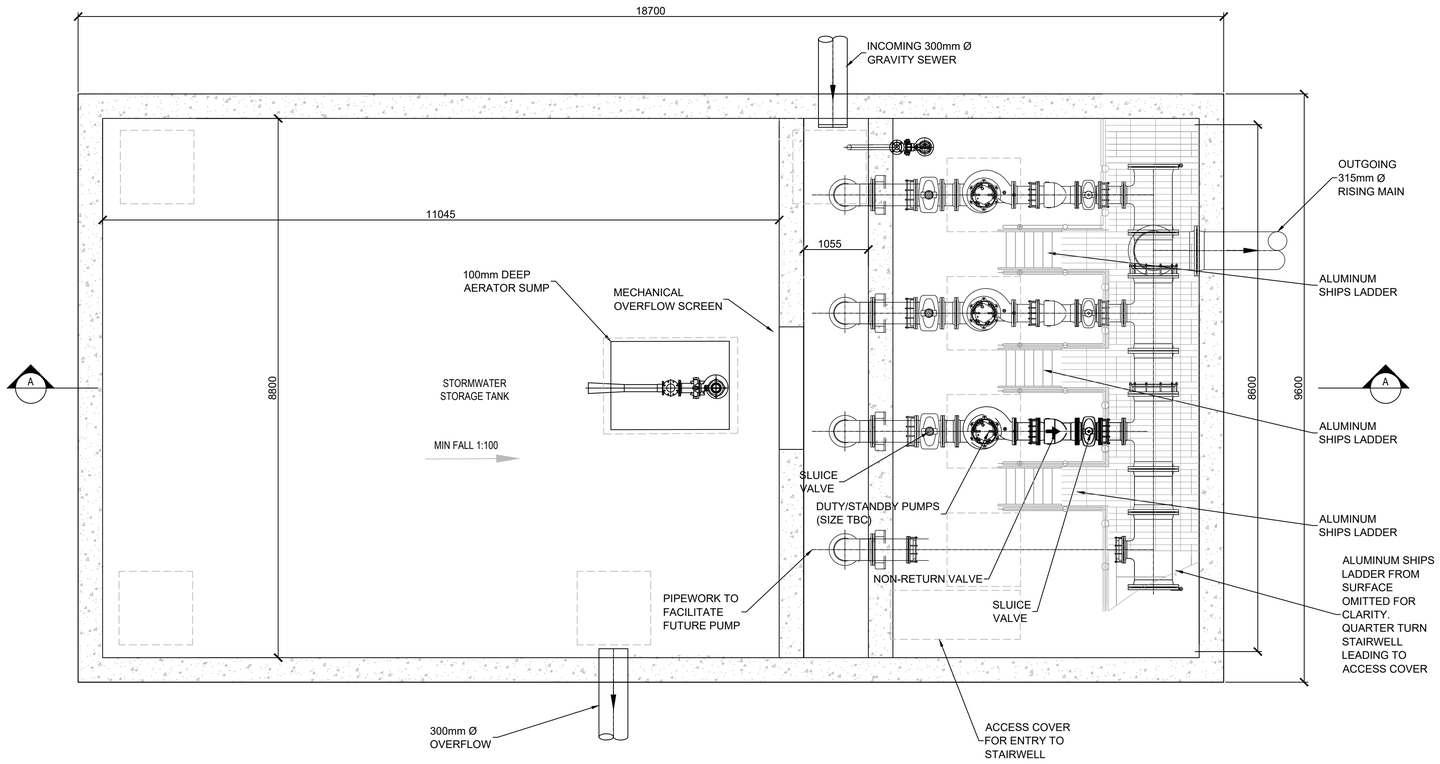
GENERAL NOTES

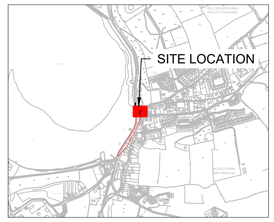


SECTION A-A



PLAN

ALL PIPE ALIGNMENTS ARE INDICATIVE ONLY



Rev	Date	Description	By	Chk	App
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PROJECT
WHITEGATE - AGHADA SEWERAGE SCHEME
UTAS - CORK BUNDLE

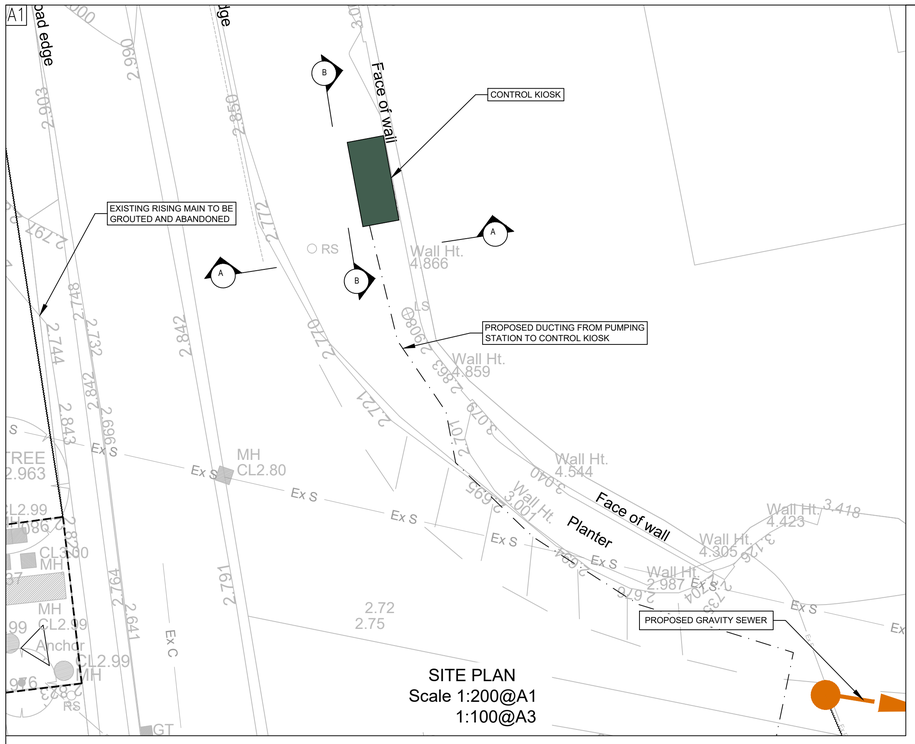
DRAWING TITLE
PROPOSED WHITEGATE PUMP STATION SECTIONS

STATUS
FOR INFORMATION

Date: 07/06/2019	Scale: 1:50@A1 1:25@A3	Drawn: TD	Chk: KOS	App: DOC
Project No: 257589-00	Drg. No: IW-10015229-03-01-007			Rev: I1

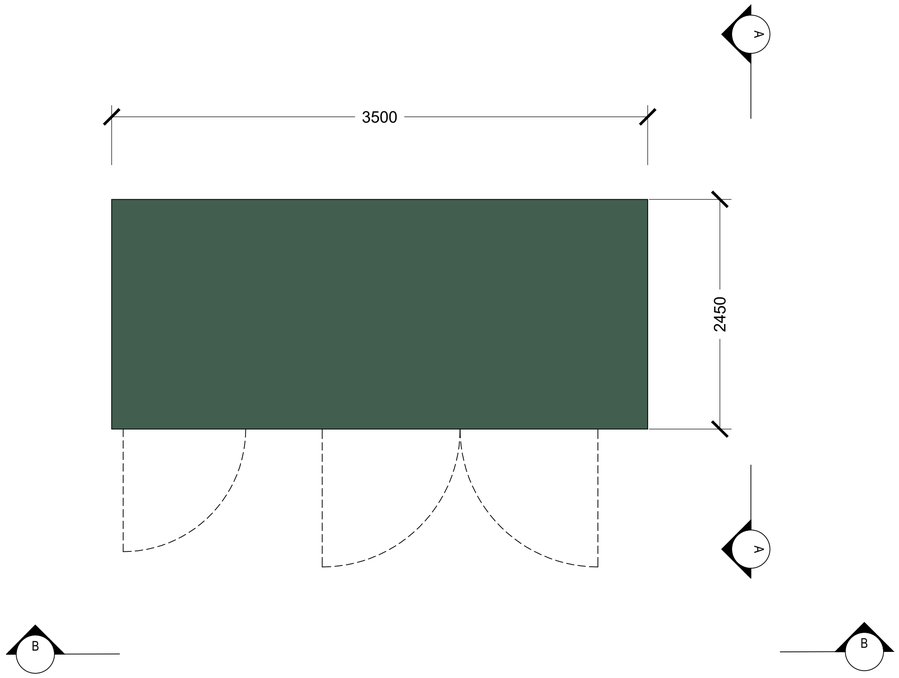
Ordnance Survey Ireland
ORDNANCE SURVEY IRELAND LICENCE NUMBER EN 3-3-34

A1

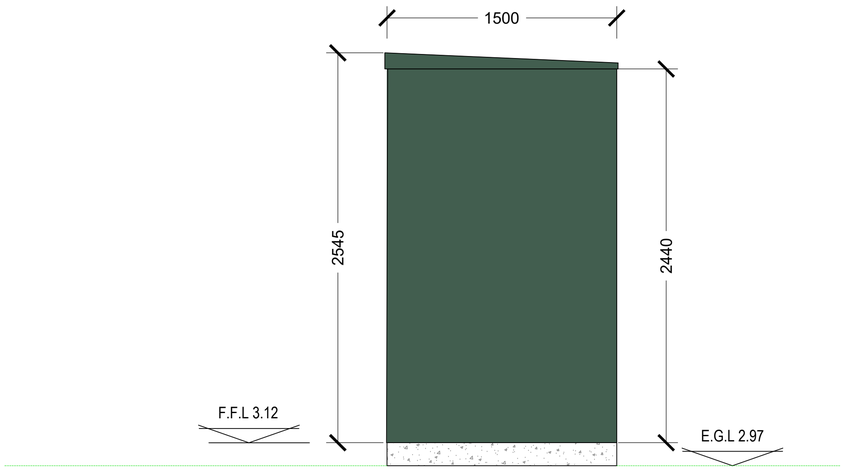


SITE PLAN
Scale 1:200@A1
1:100@A3

OSI SHEET NUMBERS:
6512-C, 6512-D, 6550-A & 6550-B



PLAN
Scale 1:20@A1



ELEVATION A-A
Scale 1:20@A1

ELEVATION B-B
Scale 1:20@A1

GENERAL NOTES

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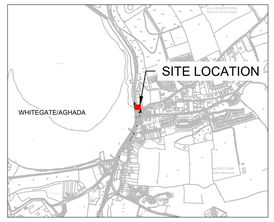
LEGEND:

- PROPOSED RISING MAIN
- PROPOSED SEWER
- PROPOSED MANHOLE
- PROPOSED OUTFALL/OVERFLOW
- EXISTING FOUL SEWER
- EXISTING COMBINED SEWER
- EXISTING STORM SEWER

ALL PIPE ALIGNMENTS ARE INDICATIVE ONLY



Rev	Date	Description	By	Chk	App
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PROJECT
WHITEGATE - AGHADA SEWERAGE SCHEME
UTAS - CORK BUNDLE

DRAWING TITLE
PROPOSED WHITEGATE PUMP STATION KIOSK
LAYOUT PLAN & SECTIONS

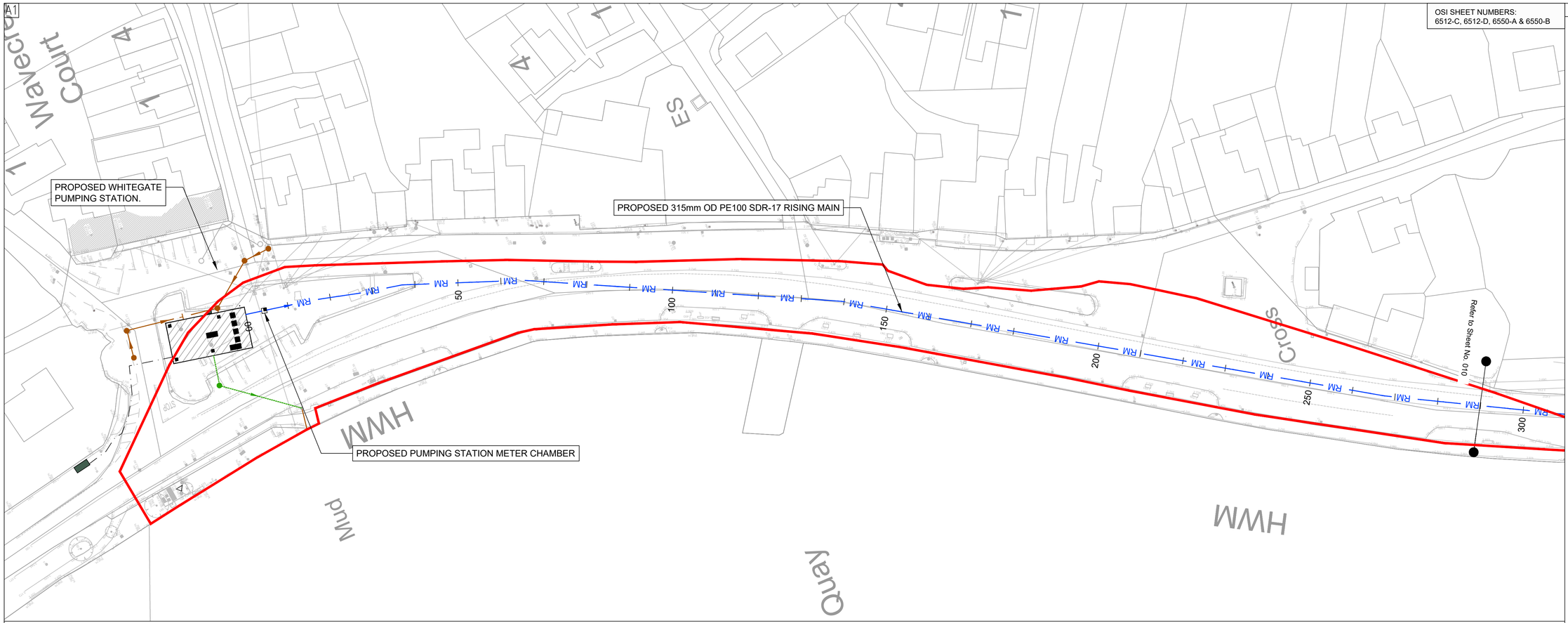
STATUS
FOR INFORMATION

Date: 07/06/2019	Scale: AS SHOWN	Drawn: TD	Chk: KOS	App: DOC
Project No: 257589-00	Drg. No: IW-10015229-03-01-008			Rev: I1

Ordnance Survey Ireland
ORDNANCE SURVEY IRELAND LICENCE NUMBER EN 3-3-34

A1

OSI SHEET NUMBERS:
6512-C, 6512-D, 6550-A & 6550-B

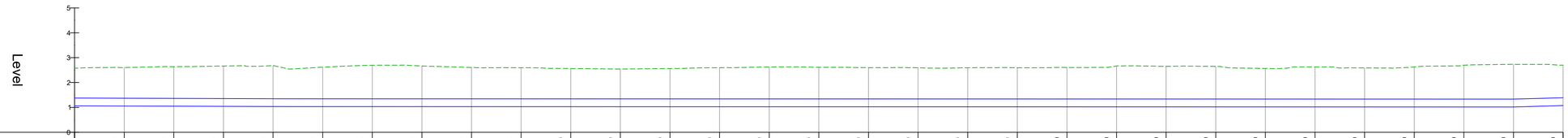


GENERAL NOTES

LEGEND:

- FORESHORE LICENCE AREA
- PROPOSED RISING MAIN — RM
- PROPOSED AIR VALVE — A.V.
- PROPOSED SEWER — F
- PROPOSED MANHOLE

ALL PIPE ALIGNMENTS ARE INDICATIVE ONLY



Chainage	00.00	10.00	20.00	30.00	40.00	50.00	60.00	70.00	80.00	90.00	100.00	110.00	120.00	130.00	140.00	150.00	160.00	170.00	180.00	190.00	200.00	210.00	220.00	230.00	240.00	250.00	260.00	270.00	280.00	290.00	300.00
Existing Levels	2.579	2.600	2.638	2.663	2.679	2.617	2.694	2.665	2.604	2.595	2.563	2.543	2.562	2.596	2.626	2.613	2.599	2.592	2.596	2.594	2.605	2.664	2.649	2.647	2.565	2.628	2.587	2.626	2.697	2.732	2.699
Pipe Cover	1.20	1.23	1.28	1.31	1.33	1.27	1.35	1.32	1.26	1.25	1.22	1.20	1.22	1.26	1.29	1.27	1.26	1.25	1.26	1.26	1.27	1.33	1.31	1.31	1.23	1.29	1.25	1.29	1.37	1.40	1.31
Pipe Dia.	315mm OD																														
Pipe Type	PE100 SDR-17																														
Pipe Bedding	To be agreed with Local Authority															To be agreed with Local Authority															
Surface Type	Grassed Area															Paved Road															
Reinstatement	Trench Width Reinstatement															Lane Width Reinstatement															

PRO WTG RM - LONGSECTION
SCALE: H 1:500,V 1:100@A1 DATUM: 0.000
H 1:250,V 1:50@A3

Rev	Date	Description	By	Chk	App
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PROJECT
WHITEGATE - AGHADA SEWERAGE SCHEME
UTAS - CORK BUNDLE

DRAWING TITLE
PROPOSED RISING MAIN
WHITEGATE PS TO WWTP
LAYOUT PLANS & SECTIONS - SHEET 1 OF 6

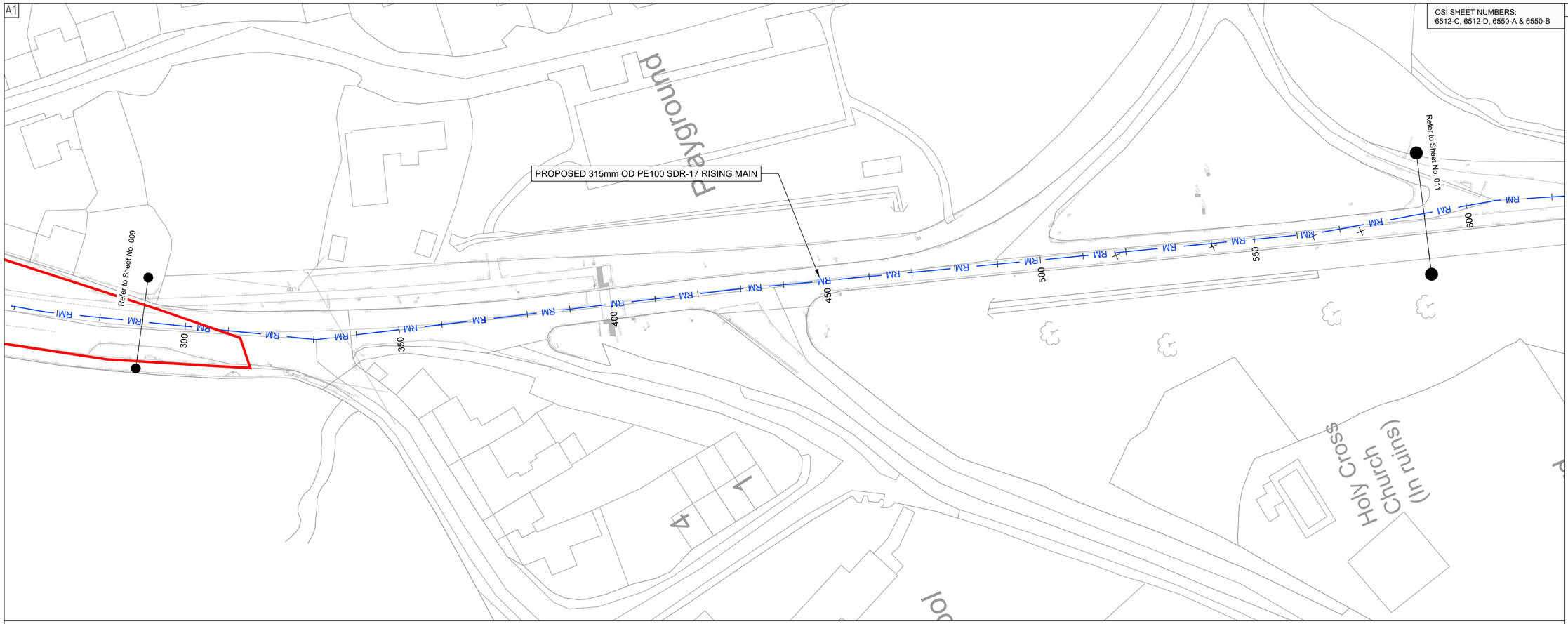
STATUS
FOR INFORMATION

Date: 07/06/2019	Scale: As shown	Drawn: CE	Chk: KOS	App: DOC
Project No: 257589-00	Drg. No: IW-10015229-03-01-009			Rev: I1

Ordnance Survey Ireland
ORDNANCE SURVEY IRELAND LICENCE NUMBER EN 3-3-34

A1

OSI SHEET NUMBERS:
6512-C, 6512-D, 6550-A & 6550-B

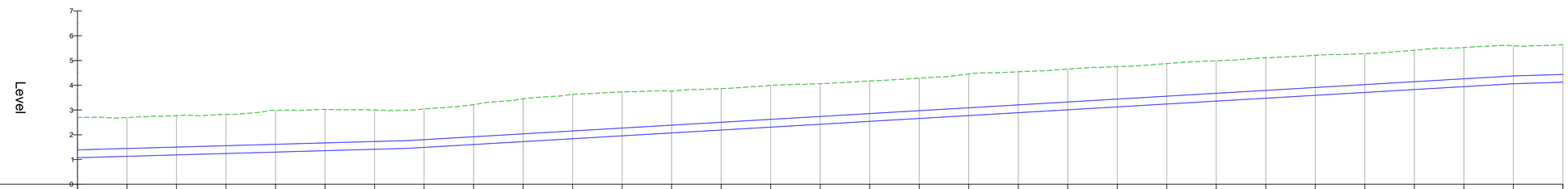


GENERAL NOTES

LEGEND:

- FOREHORE LICENCE AREA
- PROPOSED RISING MAIN — RM
- PROPOSED AIR VALVE — A.V.
- PROPOSED SEWER — F
- PROPOSED MANHOLE

ALL PIPE ALIGNMENTS ARE INDICATIVE ONLY



Chainage	Existing Levels	Pipe Cover
300.00	2.699	1.31
310.00	2.697	1.25
320.00	2.773	1.27
330.00	2.822	1.26
340.00	2.989	1.37
350.00	3.022	1.35
360.00	3.003	1.27
370.00	3.043	1.24
380.00	3.218	1.30
390.00	3.454	1.42
400.00	3.625	1.47
410.00	3.730	1.46
420.00	3.766	1.38
430.00	3.866	1.36
440.00	3.999	1.38
450.00	4.066	1.33
460.00	4.174	1.32
470.00	4.286	1.31
480.00	4.459	1.37
490.00	4.546	1.34
500.00	4.656	1.33
510.00	4.748	1.31
520.00	4.877	1.32
530.00	4.990	1.32
540.00	5.108	1.32
550.00	5.212	1.30
560.00	5.277	1.25
570.00	5.415	1.27
580.00	5.525	1.27
590.00	5.600	1.22
600.00	5.639	1.20

Pipe Dia.	315mm OD
Pipe Type	PE100 SDR-17
Pipe Bedding	To be agreed with Local Authority
Surface Type	Paved Road
Reinstatement	Lane Width Reinstatement

PRO WTG RM - LONGSECTION (28)
SCALE: H 1:500,V 1:100@A1 DATUM: 0.000
H 1:250,V 1:50@A3

Ordnance Survey Ireland
ORDNANCE SURVEY IRELAND LICENCE NUMBER EN 3-3-34

Rev	Date	Description	By	Chk	App
I1	20/11/20	FOR INFORMATION	TD	AD	KOS

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PROJECT
WHITEGATE - AGHADA SEWERAGE SCHEME
UTAS - CORK BUNDLE

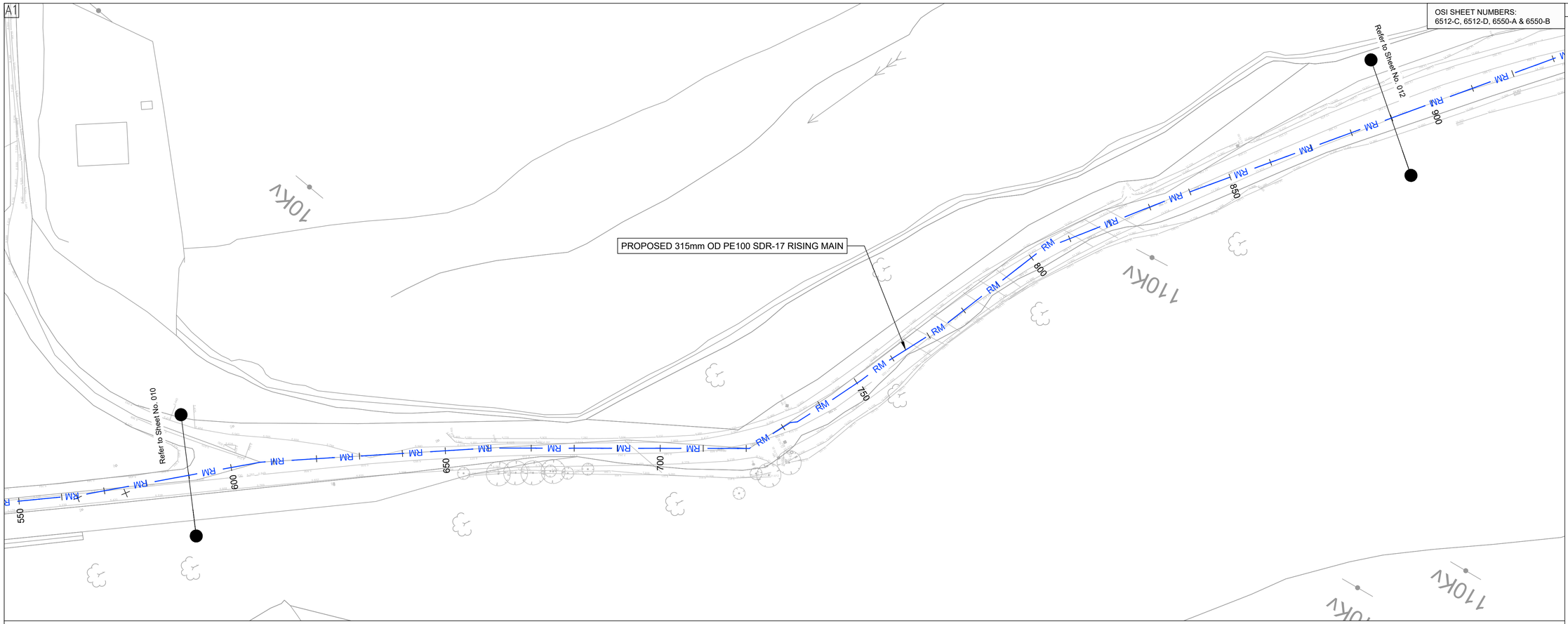
DRAWING TITLE
PROPOSED RISING MAIN
WHITEGATE PS TO WWTP
LAYOUT PLANS & SECTIONS - SHEET 2 OF 6

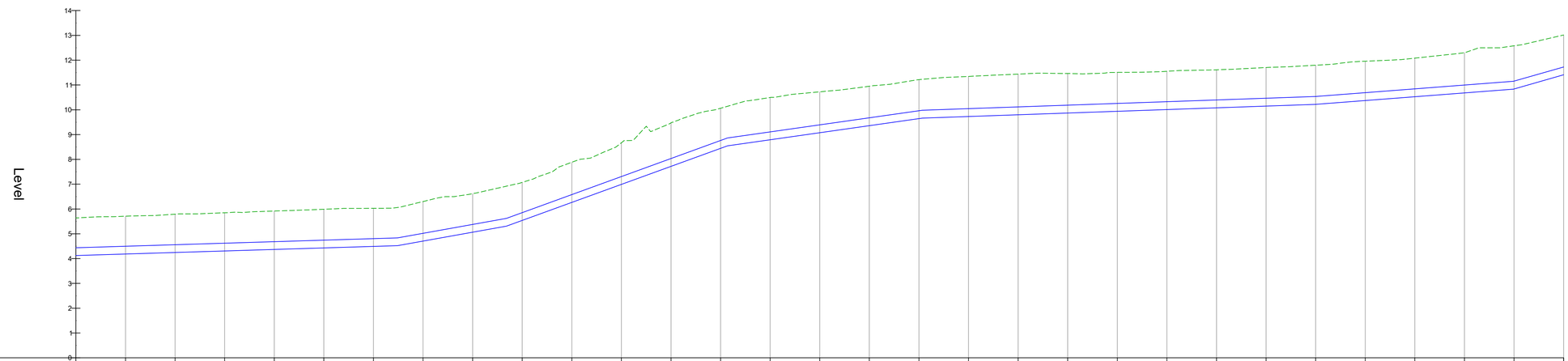
STATUS
FOR INFORMATION

Date: 07/06/2019	Scale: As shown	Drawn: CE	Chk: KOS	App: DOC
Project No: 257589-00	Drg. No: IW-10015229-03-01-010			Rev: I1

A1

OSI SHEET NUMBERS:
6512-C, 6512-D, 6550-A & 6550-B





Chainage	Existing Levels	Pipe Cover
600.00	5.639	1.20
610.00	5.710	1.21
620.00	5.791	1.23
630.00	5.847	1.23
640.00	5.918	1.23
650.00	5.989	1.24
660.00	6.027	1.22
670.00	6.300	1.28
680.00	6.618	1.24
690.00	7.073	1.22
700.00	7.883	1.30
710.00	8.670	1.36
720.00	9.473	1.44
730.00	10.061	1.30
740.00	10.495	1.39
750.00	10.724	1.33
760.00	10.950	1.27
770.00	11.215	1.26
780.00	11.346	1.30
790.00	11.437	1.32
800.00	11.462	1.28
810.00	11.507	1.25
820.00	11.552	1.23
830.00	11.612	1.22
840.00	11.703	1.24
850.00	11.798	1.26
860.00	11.957	1.27
870.00	12.082	1.24
880.00	12.300	1.30
890.00	12.579	1.42
900.00	13.015	1.29

Pipe Dia.	315mm OD
Pipe Type	PE100 SDR-17
Pipe Bedding	To be agreed with Local Authority
Surface Type	Paved Road
Reinstatement	Lane Width Reinstatement

PRO WTG RM - LONGSECTION (29)
SCALE: H 1:500,V 1:100@A1 DATUM: 0.000
H 1:250,V 1:50@A3

Ordnance Survey Ireland
ORDNANCE SURVEY IRELAND LICENCE NUMBER EN 3-3-34

GENERAL NOTES

LEGEND:

PROPOSED RISING MAIN	RM
PROPOSED AIR VALVE	A.V.
PROPOSED SEWER	F
PROPOSED MANHOLE	

ALL PIPE ALIGNMENTS ARE INDICATIVE ONLY

Rev	Date	Description	By	Chk	App
I1	20/11/20	FOR INFORMATION	TD	AD	KOS

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PROJECT
WHITEGATE - AGHADA SEWERAGE SCHEME
UTAS - CORK BUNDLE

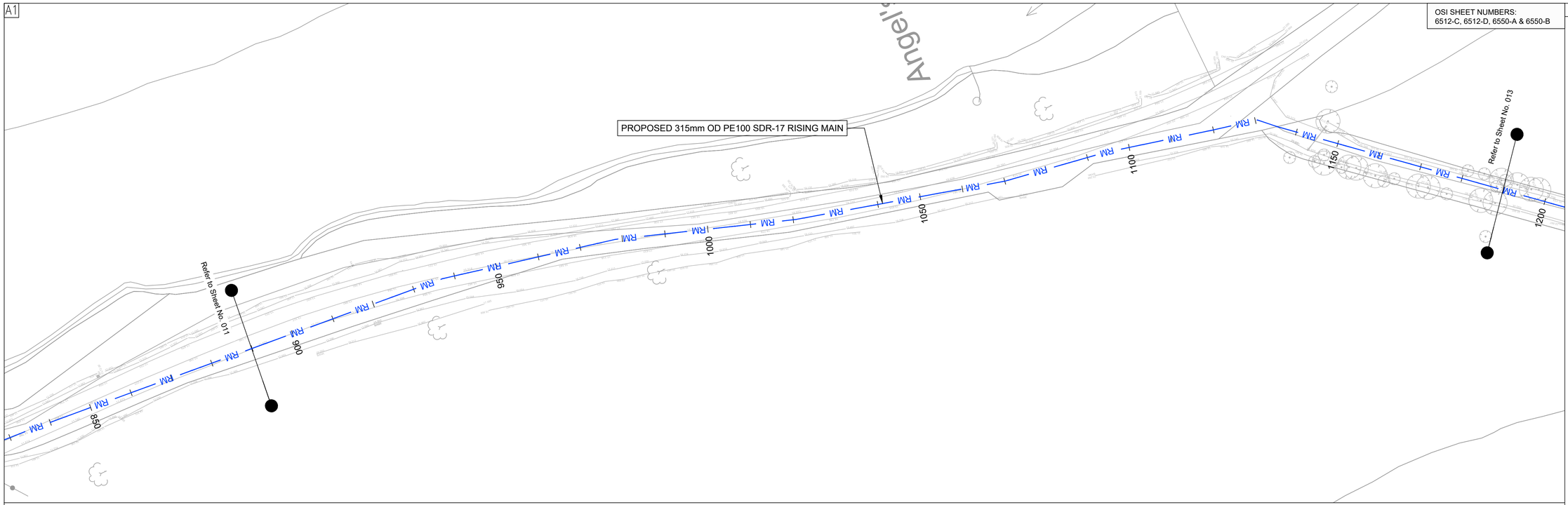
DRAWING TITLE
PROPOSED RISING MAIN
WHITEGATE PS TO WWTP
LAYOUT PLANS & SECTIONS - SHEET 3 OF 6

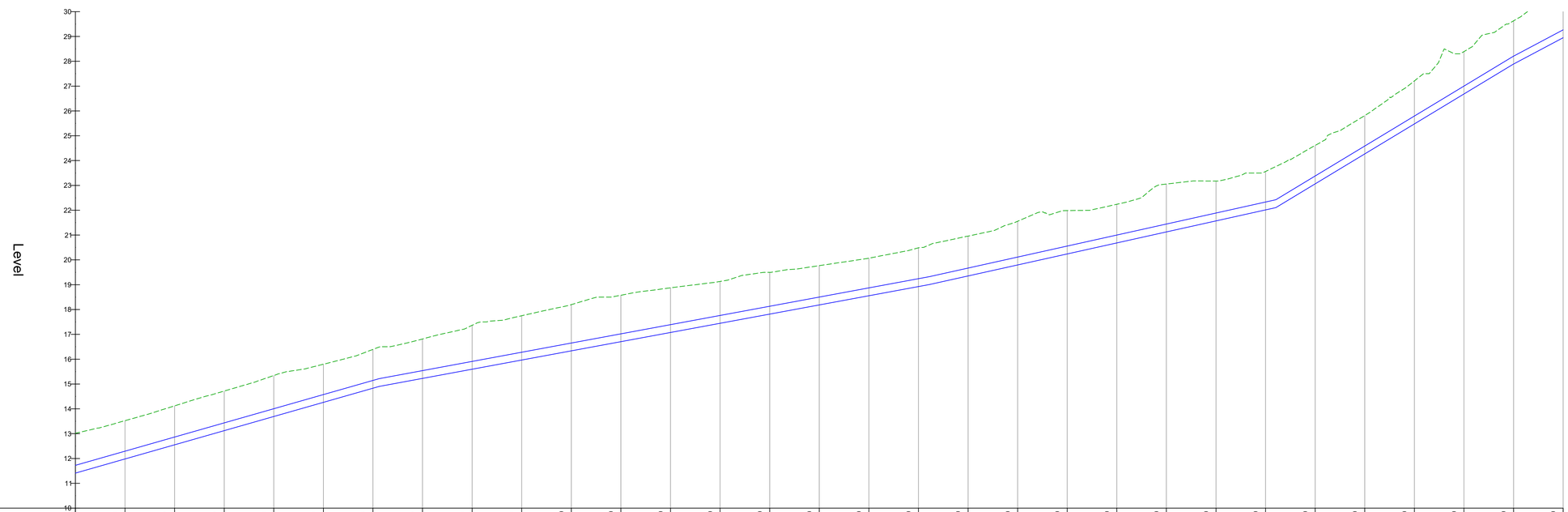
STATUS
FOR INFORMATION

Date: 07/06/2019	Scale: As shown	Drawn: CE	Chk: KOS	App: DOC
Project No: 257589-00	Drg. No: IW-10015229-03-01-011			Rev: I1

A1

OSI SHEET NUMBERS:
6512-C, 6512-D, 6550-A & 6550-B





Chainage	900.00	910.00	920.00	930.00	940.00	950.00	960.00	970.00	980.00	990.00	1000.00	1010.00	1020.00	1030.00	1040.00	1050.00	1060.00	1070.00	1080.00	1090.00	1100.00	1110.00	1120.00	1130.00	1140.00	1150.00	1160.00	1170.00	1180.00	1190.00	1200.00
Existing Levels	13.015	13.522	14.120	14.716	15.341	15.796	16.384	16.815	17.365	17.751	18.198	18.576	18.876	19.132	19.500	19.768	20.069	20.485	20.959	21.557	21.986	22.240	23.056	23.176	23.563	24.611	25.811	27.208	28.391	29.629	30.764
Pipe Cover	1.29	1.23	1.25	1.28	1.34	1.22	1.25	1.27	1.45	1.47	1.55	1.55	1.48	1.37	1.37	1.27	1.20	1.24	1.29	1.44	1.43	1.24	1.61	1.29	1.23	1.23	1.23	1.42	1.39	1.42	1.50
Pipe Dia.	315mm OD																														
Pipe Type	PE100 SDR-17																														
Pipe Bedding	To be agreed with Local Authority																														
Surface Type	Paved Road																														
Reinstatement	Lane Width Reinstatement																														

PRO WTG RM - LONGSECTION (30)
SCALE: H 1:500,V 1:100@A1 DATUM: 10.000
H 1:250,V 1:50@A3

Ordnance Survey Ireland Partner
ORDNANCE SURVEY IRELAND LICENCE NUMBER EN 3-3-34

GENERAL NOTES

LEGEND:

PROPOSED RISING MAIN	RM
PROPOSED AIR VALVE	A.V.
PROPOSED SEWER	F
PROPOSED MANHOLE	

ALL PIPE ALIGNMENTS ARE INDICATIVE ONLY

Rev	Date	Description	By	Chk	App
I1	20/11/20	FOR INFORMATION	TD	AD	KO'S

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PROJECT
WHITEGATE - AGHADA SEWERAGE SCHEME
UTAS - CORK BUNDLE

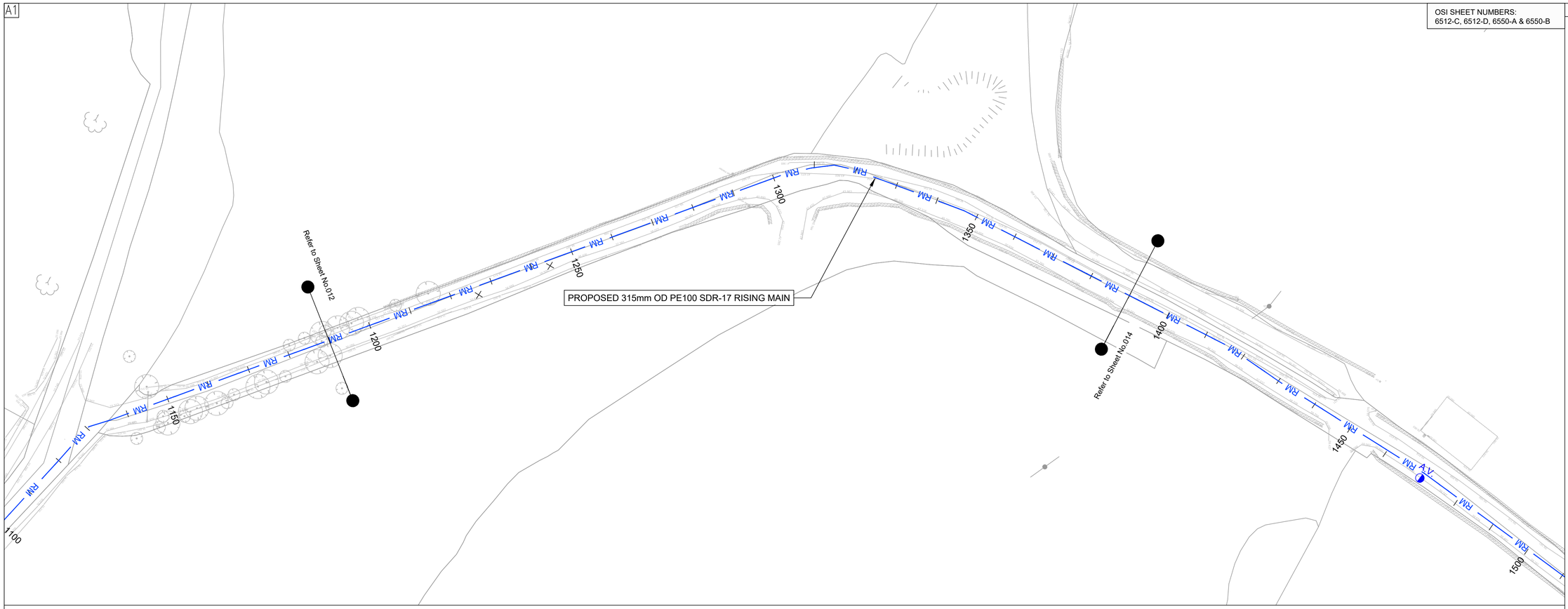
DRAWING TITLE
PROPOSED RISING MAIN
WHITEGATE PS TO WWTP
LAYOUT PLANS & SECTIONS - SHEET 4 OF 6

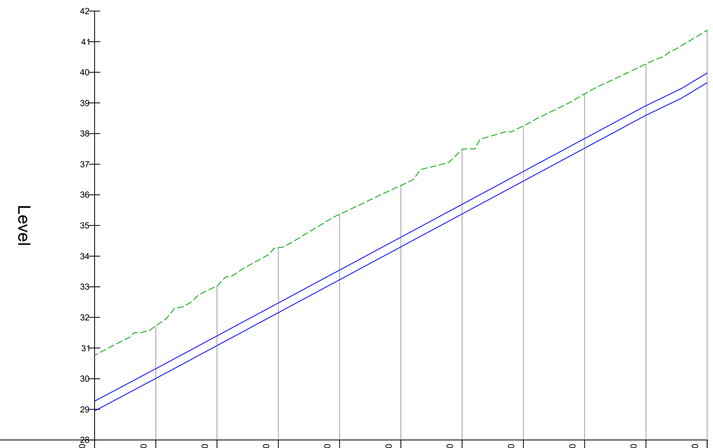
STATUS
FOR INFORMATION

Date: 07/06/2019	Scale: As shown	Drawn: CE	Chk: KOS	App: DOC
Project No: 257589-00	Drg. No: IW-10015229-03-01-012			Rev: I1

A1

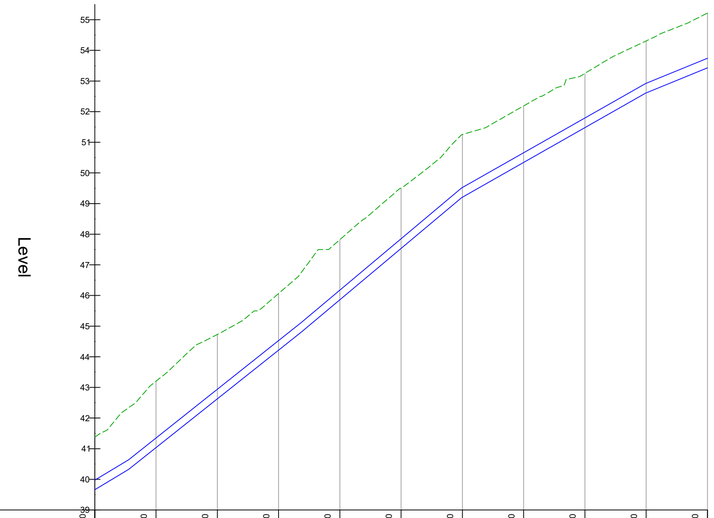
OSI SHEET NUMBERS:
6512-C, 6512-D, 6550-A & 6550-B





Chainage	1200.00	1210.00	1220.00	1230.00	1240.00	1250.00	1260.00	1270.00	1280.00	1290.00	1300.00
Existing Levels	30.764	31.724	33.028	34.277	35.365	36.308	37.482	38.251	39.293	40.272	41.376
Pipe Cover	1.50	1.40	1.63	1.81	1.82	1.69	1.79	1.49	1.46	1.36	1.40
Pipe Dia.	315mm OD										
Pipe Type	PE100 SDR-17										
Pipe Bedding	To be agreed with Local Authority										
Surface Type	Paved Road										
Reinstatement	Lane Width Reinstatement										

PRO WTG RM - LONGSECTION (31)
SCALE: H 1:500,V 1:100@A1 DATUM: 28.000
H 1:250,V 1:50@A3



Chainage	1300.00	1310.00	1320.00	1330.00	1340.00	1350.00	1360.00	1370.00	1380.00	1390.00	1400.00
Existing Levels	41.376	43.205	44.728	46.064	47.823	49.500	51.256	52.189	53.249	54.307	55.217
Pipe Cover	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pipe Dia.	315mm OD										
Pipe Type	PE100 SDR-17										
Pipe Bedding	To be agreed with Local Authority										
Surface Type	Paved Road										
Reinstatement	Lane Width Reinstatement										

PRO WTG RM - LONGSECTION (40)
SCALE: H 1:500,V 1:100@A1 DATUM: 39.000
H 1:250,V 1:50@A3

GENERAL NOTES

LEGEND:

PROPOSED RISING MAIN	RM
PROPOSED AIR VALVE	A.V.
PROPOSED SEWER	F
PROPOSED MANHOLE	

ALL PIPE ALIGNMENTS ARE INDICATIVE ONLY

Rev	Date	Description	By	Chk	App
I1	20/11/20	FOR INFORMATION	TD	AD	KOS

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PROJECT
WHITEGATE - AGHADA SEWERAGE SCHEME
UTAS - CORK BUNDLE

DRAWING TITLE
PROPOSED RISING MAIN
WHITEGATE PS TO WWTP
LAYOUT PLANS & SECTIONS - SHEET 5 OF 6

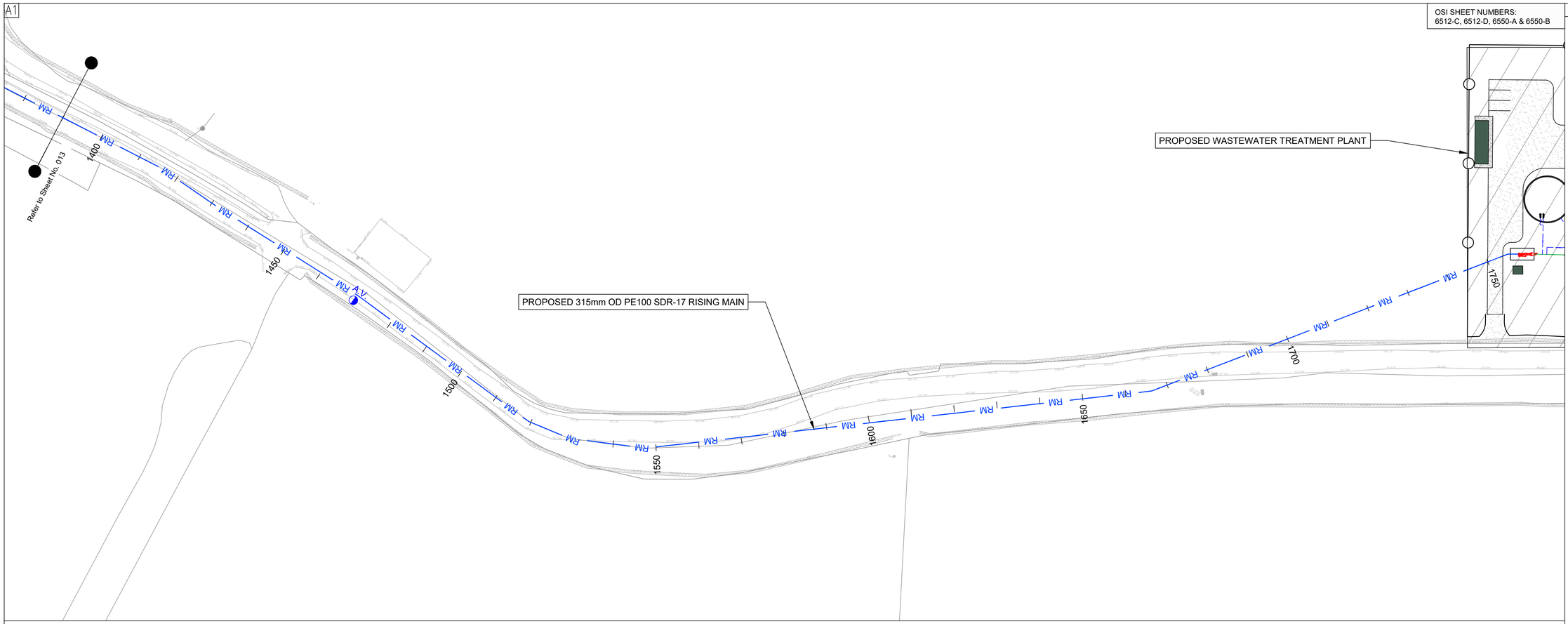
STATUS
FOR INFORMATION

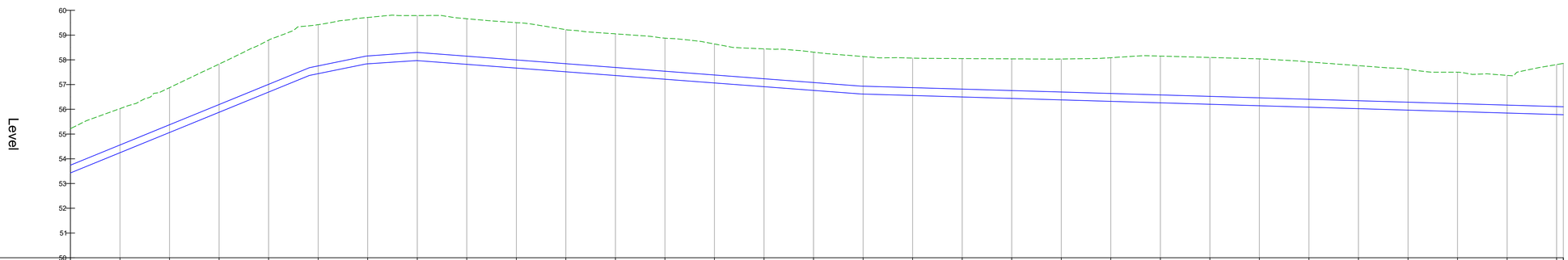
Date: 07/06/2019	Scale: As shown	Drawn: CE	Chk: KOS	App: DOC
Project No: 257589-00	Drg. No: IW-10015229-03-01-013			Rev: I1

Ordnance Survey Ireland
ORDNANCE SURVEY IRELAND LICENCE NUMBER EN 3-3-34

A1

OSI SHEET NUMBERS:
6512-C, 6512-D, 6550-A & 6550-B





Chainage	1400.00	1410.00	1420.00	1430.00	1440.00	1450.00	1460.00	1470.00	1480.00	1490.00	1500.00	1510.00	1520.00	1530.00	1540.00	1550.00	1560.00	1570.00	1580.00	1590.00	1600.00	1610.00	1620.00	1630.00	1640.00	1650.00	1660.00	1670.00	1680.00	1690.00	1700.00	1701.36
Existing Levels	55.217	56.029	56.876	57.828	58.796	59.421	59.713	59.792	59.662	59.504	59.221	59.051	58.878	58.641	58.445	58.311	58.134	58.071	58.051	58.039	58.033	58.087	58.152	58.096	58.039	57.914	57.764	57.612	57.500	57.372	57.807	57.854
Pipe Cover	1.47	1.47	1.50	1.63	1.78	1.66	1.56	1.49	1.52	1.51	1.38	1.36	1.34	1.25	1.21	1.23	1.20	1.20	1.23	1.28	1.33	1.45	1.57	1.57	1.57	1.51	1.42	1.32	1.27	1.20	1.69	1.75
Pipe Dia.	315mm OD																															
Pipe Type	PE100 SDR-17																															
Pipe Bedding	To be agreed with Local Authority																															
Surface Type	Paved Road																															
Reinstatement	Lane Width Reinstatement																															

PRO WTG RM - LONGSECTION (32)
SCALE: H 1:500,V 1:100@A1 DATUM: 50.000
H 1:250,V 1:50@A3

Ordnance Survey Ireland
ORDNANCE SURVEY IRELAND LICENCE NUMBER EN 3-3-34

GENERAL NOTES

LEGEND:

PROPOSED RISING MAIN	RM
PROPOSED AIR VALVE	A.V.
PROPOSED SEWER	F
PROPOSED MANHOLE	

ALL PIPE ALIGNMENTS ARE INDICATIVE ONLY

Rev	Date	Description	By	Chk	App
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PROJECT
WHITEGATE - AGHADA SEWERAGE SCHEME
UTAS - CORK BUNDLE

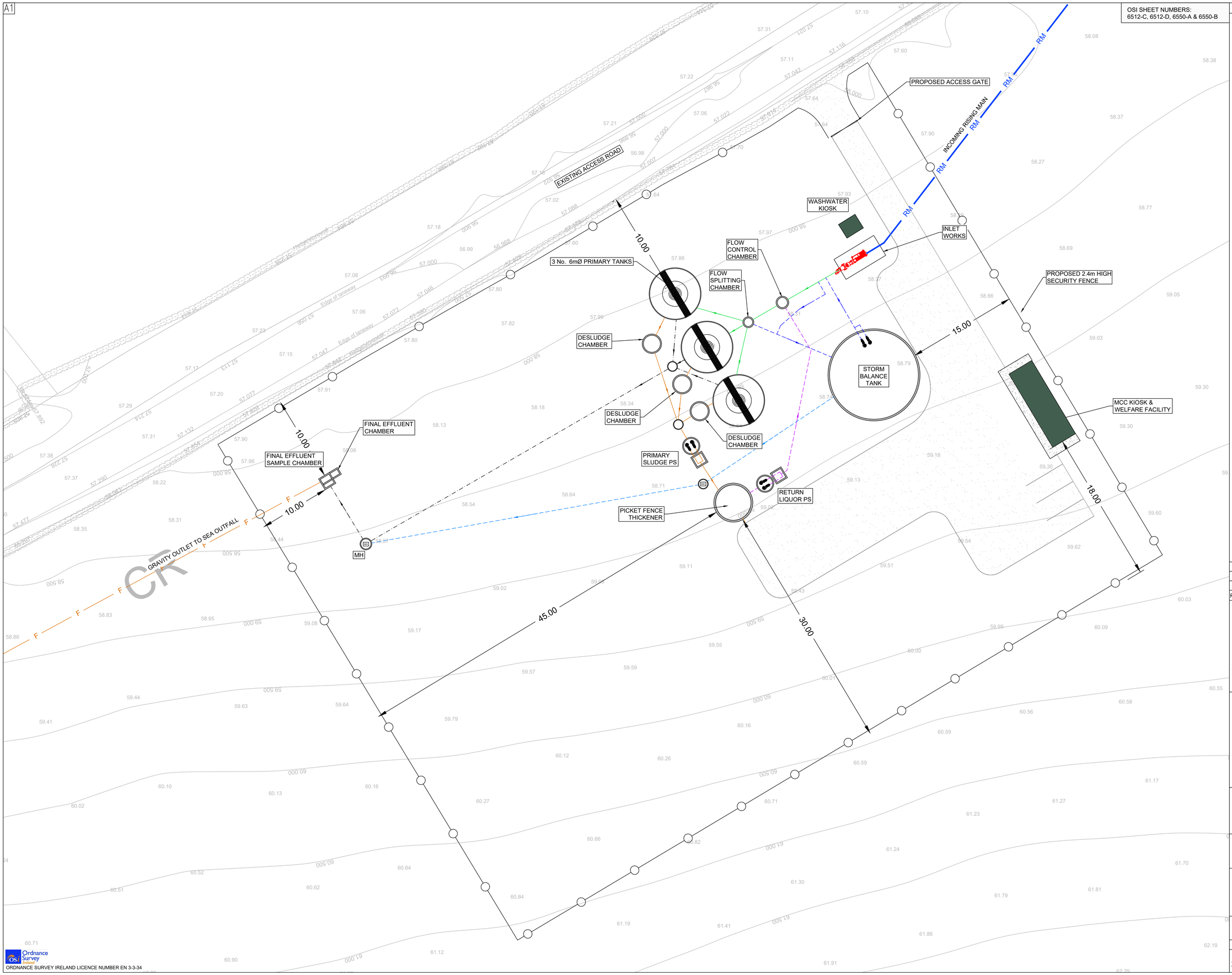
DRAWING TITLE
PROPOSED RISING MAIN
WHITEGATE PS TO WWTP
LAYOUT PLANS & SECTIONS - SHEET 6 OF 6

STATUS
FOR INFORMATION

Date: 07/06/2019	Scale: As shown	Drawn: CE	Chk: KOS	App: DOC
Project No: 257589-00	Drg. No: IW-10015229-03-01-014			Rev: I1

A1

OSI SHEET NUMBERS:
6512-C, 6512-D, 6550-A & 6550-B



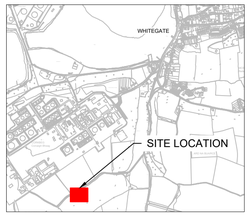
GENERAL NOTES

N
W E
S

LEGEND

- INLET PIPE
- SLUDGE
- RETURN LIQUOR & SCUM
- TREATED EFFLUENT
- STORM

ALL PIPE ALIGNMENTS ARE INDICATIVE ONLY



Rev	Date	Description	By	Chk	App
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PROJECT
WHITEGATE - AGHADA SEWERAGE SCHEME
UTAS - CORK BUNDLE

DRAWING TITLE
PROPOSED WASTEWATER TREATMENT PLANT
SITE LAYOUT PLAN

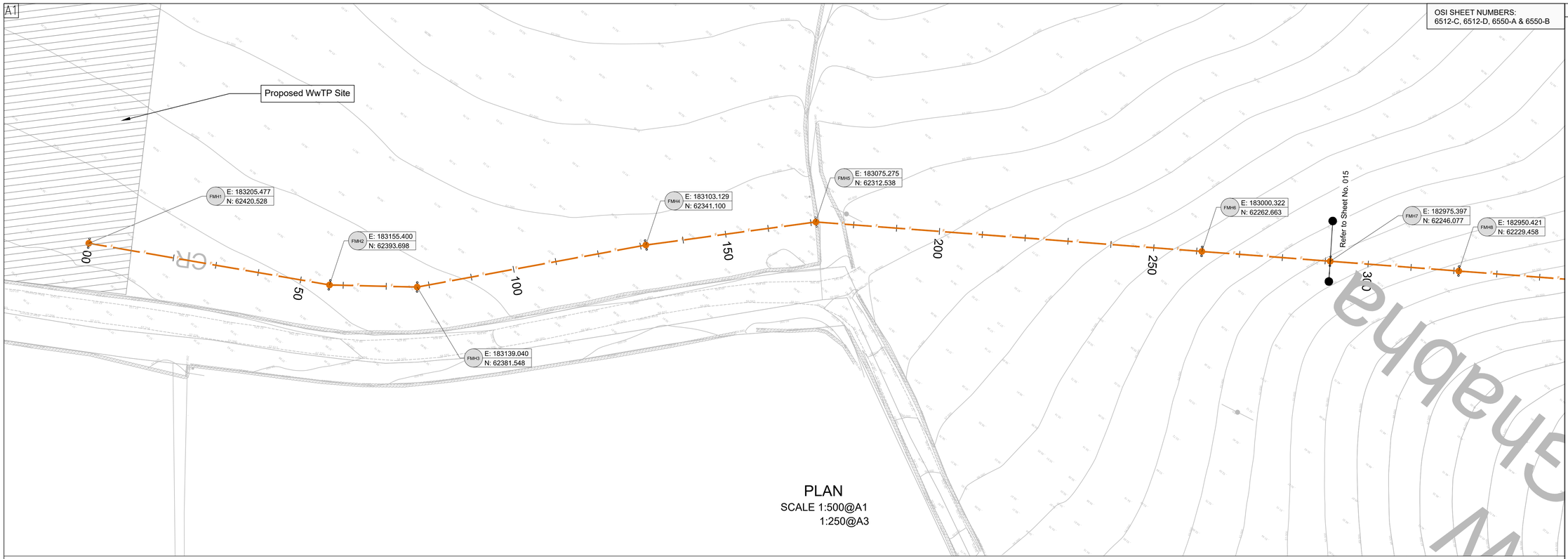
STATUS
FOR INFORMATION

Date: 07-06-19	Scale: 1:200@A1 1:100@A3	Drawn: TD	Chk: GB	App: KOS
Project No: 257589-00	Drg. No: IW-10015229-03-01-015			Rev: I1

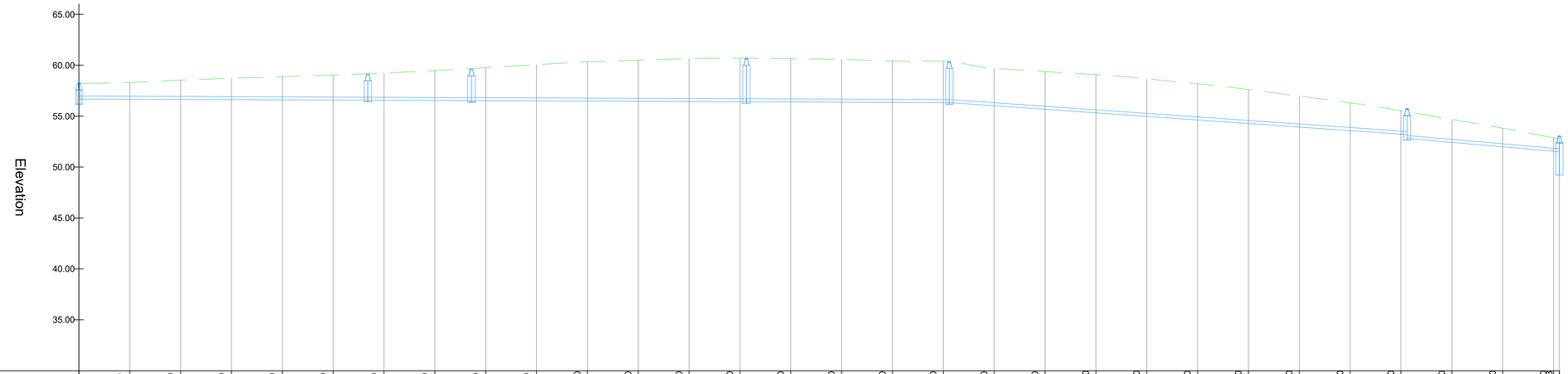
Ordnance Survey Ireland
ORDNANCE SURVEY IRELAND LICENCE NUMBER EN 3-3-34

A1

OSI SHEET NUMBERS:
6512-C, 6512-D, 6550-A & 6550-B



PLAN
SCALE 1:500@A1
1:250@A3



Chainage		10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000	90.000	100.000	110.000	120.000	130.000	140.000	150.000	160.000	170.000	180.000	190.000	200.000	210.000	220.000	230.000	240.000	250.000	260.000	270.000	280.000	290.000
Existing Levels	58.198	58.295	58.539	58.724	58.881	59.041	59.227	59.479	59.760	60.057	60.335	60.503	60.671	60.692	60.648	60.568	60.412	60.387	60.681	60.377	60.077	58.668	58.178	57.607	56.969	56.303	55.534	54.683	53.816	52.988
Pipe Cover	1.218	1.336	1.602	1.807	1.985	2.166	2.374	2.645	2.946	3.263	3.561	3.750	3.938	3.980	3.955	3.896	3.759	3.755	3.358	3.403	3.453	3.392	3.251	3.029	2.739	2.422	2.002	1.965	1.532	1.031
Invert Levels		Start Invert 56.68 End Invert 56.560					Start Invert 56.56 End Invert 56.520		Start Invert 56.52 End Invert 56.410						Start Invert 56.41 End Invert 56.330				Start Invert 56.33 End Invert 53.190									Start Invert 52.80 End Invert 51.500		Start Invert 49.37 End Invert 48.050
Pipe Length, Dia & Grade		56.81m 300mm∅@1:473					20.38m 300mm∅@1:509		54.09m 300mm∅@1:492						39.90m 300mm∅@1:499				90.09m 300mm∅@1:29									29.97m 300mm∅@1:23		30.03m 300mm∅@1:23
Pipe Type		300mm Concrete																												
Pipe Bedding		To be agreed with Local Authority																												
Surface Type		Fields																												
Reinstatement		Grass Reinstatement																												

WHITEGATE WWTP TO OUTFALL - LONGSECTION (1)
SCALE: H 1:500,V 1:250. DATUM: 30.000

Ordnance Survey Ireland
ORDNANCE SURVEY IRELAND LICENCE NUMBER EN 3-3-34

GENERAL NOTES

LEGEND:
EXISTING SEWER — Ex.C
PROPOSED GRAVITY SEWER
PROPOSED MANHOLE

ALL PIPE ALIGNMENTS ARE INDICATIVE ONLY

Rev	Date	Description	By	Chk	App
I1	20/11/20	FOR INFORMATION	TD	AD	KO'S

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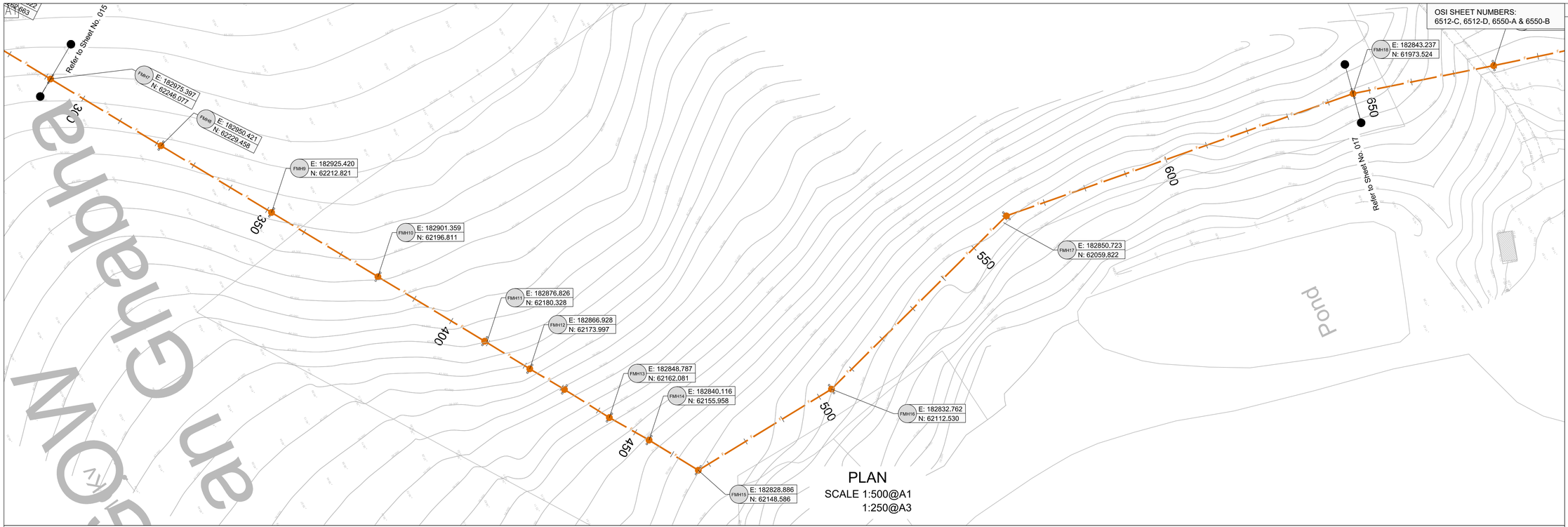
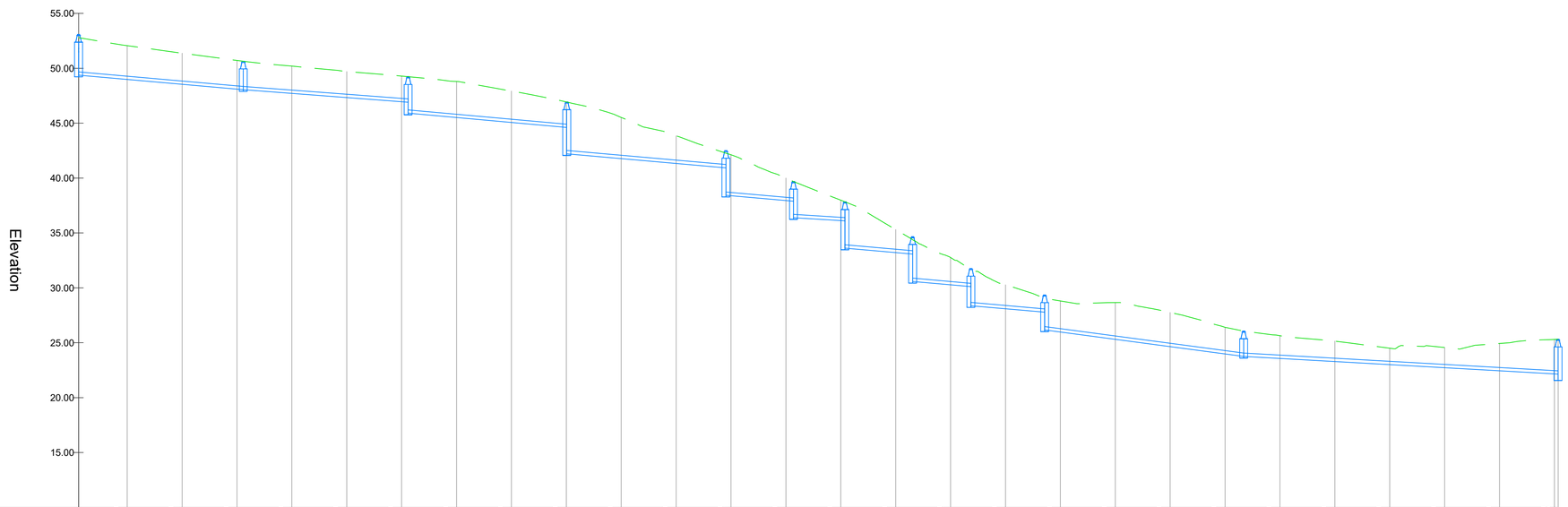
PROJECT
WHITEGATE - AGHADA SEWERAGE SCHEME
UTAS - CORK BUNDLE

DRAWING TITLE
PROPOSED GRAVITY SEWERS
WWTP TO OUTFALL
PLANS & SECTION - SHEET 1 OF 3

STATUS
FOR INFORMATION

Date: 07/06/19	Scale: AS SHOWN	Drawn: CF	Chk: CE	App: KOS
Project No: 257589-00	Drg. No: IW-10015229-03-01-016			Rev: I1





Chainage		300.000	310.000	320.000	330.000	340.000	350.000	360.000	370.000	380.000	390.000	400.000	410.000	420.000	430.000	440.000	450.000	460.000	470.000	480.000	490.000	500.000	510.000	520.000	530.000	540.000	550.000	559.688
Existing Levels	52.785	52.058	51.371	50.714	50.196	49.704	49.286	48.797	47.918	46.938	45.519	43.844	42.124	39.995	37.982	35.305	32.755	30.267	28.807	28.661	27.757	26.407	25.642	25.147	24.500	24.564	24.930	25.379
Pipe Cover	0.985	2.777	2.531	2.314	2.182	2.070	2.031	2.984	2.555	2.025	3.447	2.213	3.434	1.745	1.558	1.790	2.181	1.874	2.528	3.047	2.810	2.125	1.773	1.559	1.195	1.541	2.189	2.889
Invert Levels	Start Invert 52.80 End Invert 51.500	Start Invert 49.37 End Invert 48.050		Start Invert 48.05 End Invert 46.910				Start Invert 45.91 End Invert 44.610			Start Invert 42.21 End Invert 40.930			Start Invert 38.43 End Invert 37.890	Start Invert 36.39 End Invert 36.100	Start Invert 33.62 End Invert 33.080	Start Invert 30.58 End Invert 30.110	Start Invert 28.37 End Invert 27.780		Start Invert 26.17 End Invert 23.756				Start Invert 23.76 End Invert 22.140				Start Invert 21.79 End Invert 21.460
Pipe Length, Dia & Grade	29.97m 300mm∅@1:23	30.03m 300mm∅@1:23		30.05m 300mm∅@1:26				28.93m 300mm∅@1:22			29.03m 300mm∅@1:23			12.32m 300mm∅@1:23	9.38m 300mm∅@1:32	12.34m 300mm∅@1:23	10.63m 300mm∅@1:23	13.45m 300mm∅@1:23		36.34m 300mm∅@1:15				57.28m 300mm∅@1:35				85.46m 300mm∅@1:259
Pipe Type	300mm Concrete																											
Pipe Bedding	To be agreed with Local Authority																											
Surface Type	Fields																											
Reinstatement	Grass Reinstatement																											

WHITEGATE WWTP TO OUTFALL - LONGSECTION (2)
SCALE: H 1:500,V 1:250. DATUM: 10.000

Ordnance Survey Ireland
ORDNANCE SURVEY IRELAND LICENCE NUMBER EN 3-3-34

GENERAL NOTES

LEGEND:

EXISTING SEWER — Ex.C —

PROPOSED GRAVITY SEWER — F —

PROPOSED MANHOLE

ALL PIPE ALIGNMENTS ARE INDICATIVE ONLY

Rev	Date	Description	By	Chk	App
I1	20/11/20	FOR INFORMATION	TD	AD	KOS

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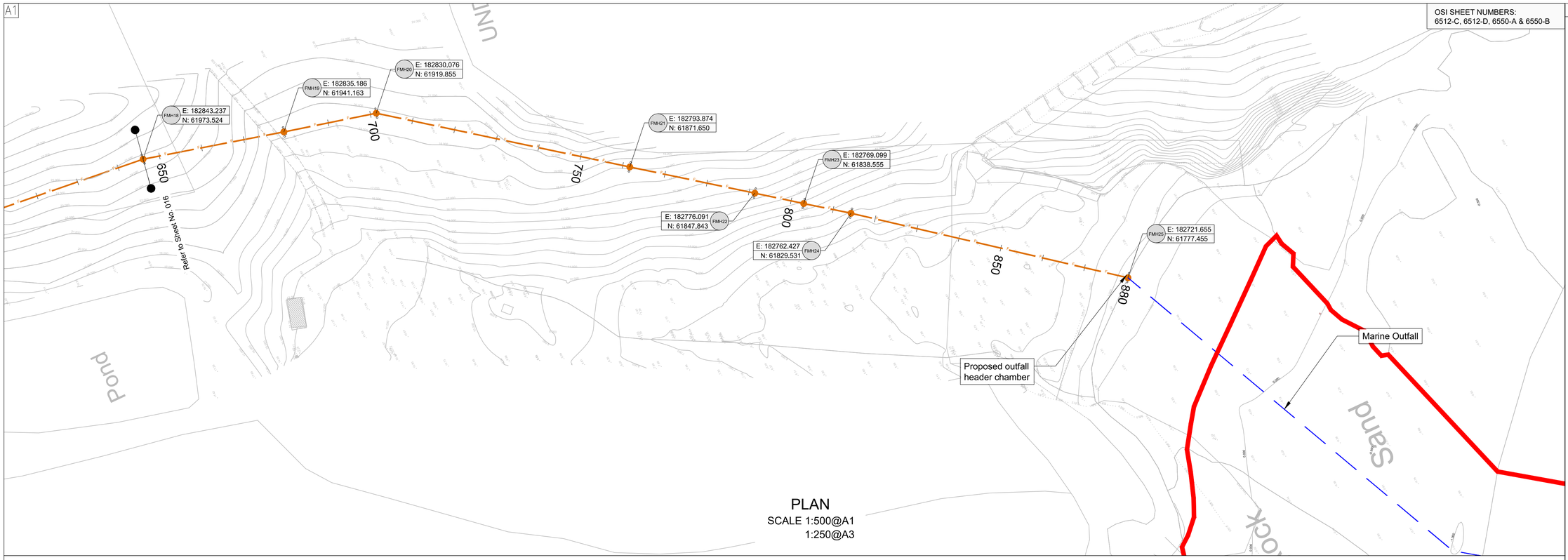
PROJECT
WHITEGATE - AGHADA SEWERAGE SCHEME
UTAS - CORK BUNDLE

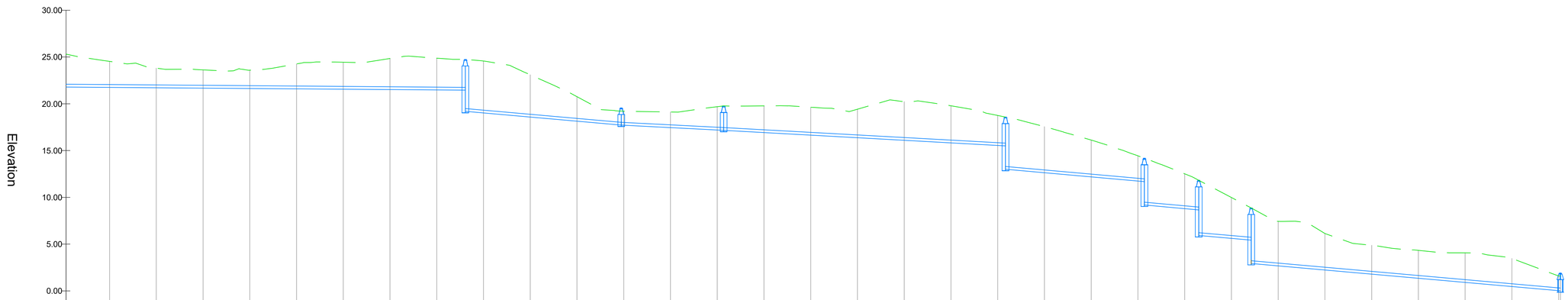
DRAWING TITLE
PROPOSED GRAVITY SEWERS
WWTP TO OUTFALL
PLANS & SECTION - SHEET 2 OF 3

STATUS
FOR INFORMATION

Date: 07/06/19	Scale: AS SHOWN	Drawn: CF	Chk: CE	App: KOS
Project No: 257589-00	Drg. No: IW-10015229-03-01-017			Rev: I1



PLAN
SCALE 1:500@A1
1:250@A3



Chainage	Existing Levels	Pipe Cover
570.000	25.315	2.889
580.000	24.536	2.482
590.000	23.810	1.795
600.000	23.623	1.647
610.000	23.593	1.655
620.000	24.259	2.360
630.000	24.439	2.578
640.000	24.842	3.019
650.000	24.874	3.091
660.000	24.573	5.254
670.000	23.100	4.222
680.000	20.757	2.319
690.000	19.216	1.210
700.000	19.126	1.375
710.000	19.688	2.193
720.000	19.776	2.553
730.000	19.632	2.685
740.000	19.424	2.752
750.000	20.232	3.835
760.000	19.789	3.668
770.000	18.756	2.910
780.000	17.557	4.628
790.000	16.123	3.638
800.000	14.444	2.403
810.000	12.518	3.424
820.000	9.979	4.066
830.000	7.431	4.456
840.000	6.138	3.604
850.000	4.873	2.781
860.000	4.334	2.684
870.000	4.070	2.861
880.000	3.473	2.705
890.000	1.842	1.292

Invert Levels	Pipe Length, Dia & Grade
Start Invert 21.79 End Invert 21.460	85.46m 300mm∅@1:259
Start Invert 19.19 End Invert 17.720	33.38m 300mm∅@1:23
Start Invert 17.72 End Invert 17.160	21.92m 300mm∅@1:39
Start Invert 17.16 End Invert 15.500	60.31m 300mm∅@1:36
Start Invert 13.00 End Invert 11.680	29.74m 300mm∅@1:23
Start Invert 9.18 End Invert 8.660	11.64m 300mm∅@1:22
Start Invert 5.92 End Invert 5.430	11.23m 300mm∅@1:23
Start Invert 2.93 End Invert 0.010	66.20m 300mm∅@1:23

Pipe Type	300mm Concrete
Pipe Bedding	To be agreed with Local Authority
Surface Type	Fields
Reinstatement	Grass Reinstatement

WHITEGATE WWTP TO OUTFALL - LONGSECTION (3)
SCALE: H 1:500,V 1:250. DATUM: -2.000

Ordnance Survey Ireland
ORDNANCE SURVEY IRELAND LICENCE NUMBER EN 3-3-34

GENERAL NOTES

LEGEND:
- FORESHORE LICENCE AREA
- EXISTING SEWER
- PROPOSED GRAVITY SEWER
- PROPOSED MANHOLE
- PROPOSED MARINE OUTFALL

ALL PIPE ALIGNMENTS ARE INDICATIVE ONLY

Rev	Date	Description	By	Chk	App
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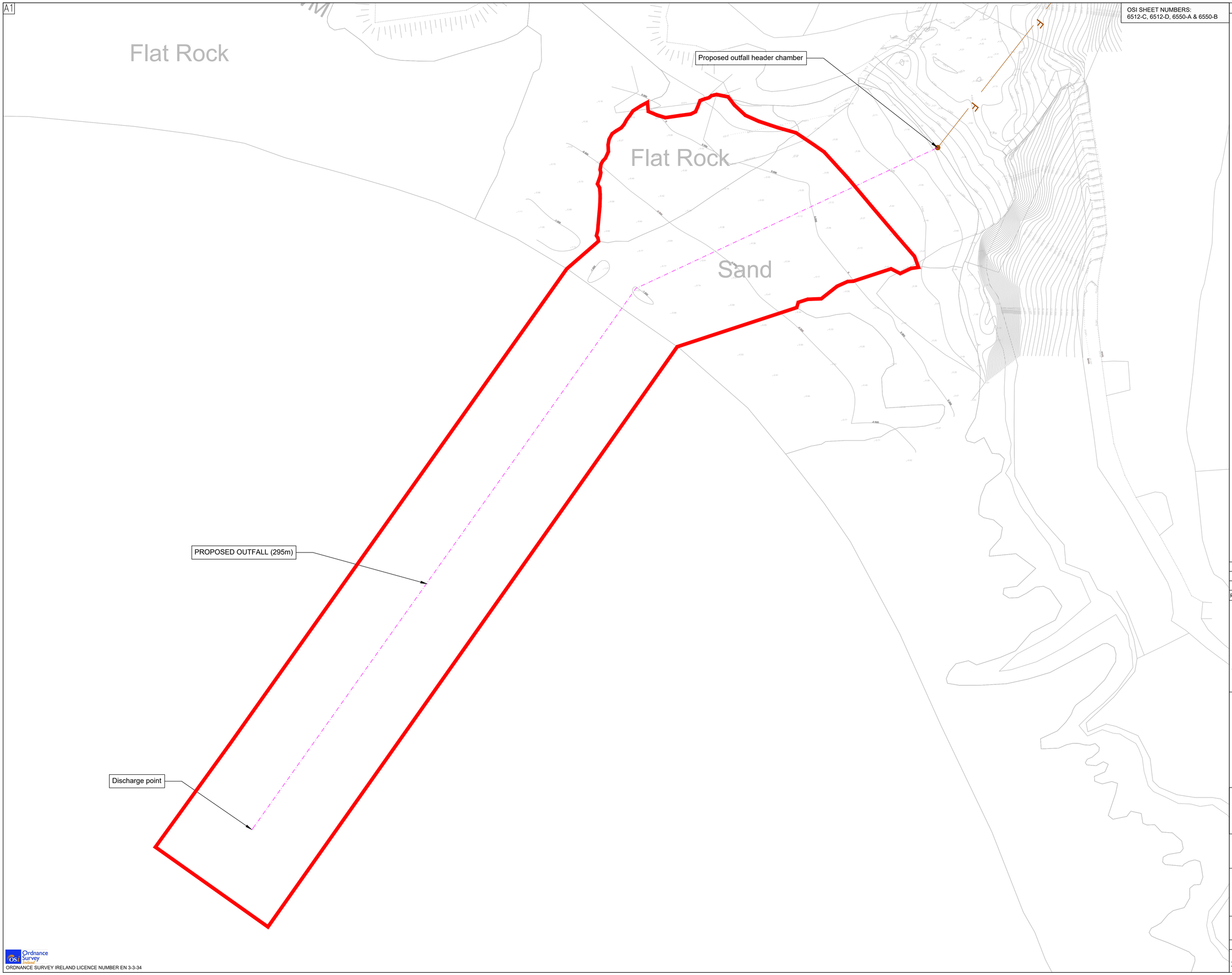
PROJECT
WHITEGATE - AGHADA SEWERAGE SCHEME
UTAS - CORK BUNDLE

DRAWING TITLE
PROPOSED GRAVITY SEWERS
WWTP TO OUTFALL
PLANS & SECTION - SHEET 3 OF 3

STATUS
FOR INFORMATION

Date: 07/06/19	Scale: AS SHOWN	Drawn: CF	Chk: CE	App: KOS
Project No: 257589-00	Drg. No: IW-10015229-03-01-018			Rev: I1

A1



OSI SHEET NUMBERS:
6512-C, 6512-D, 6550-A & 6550-B

GENERAL NOTES

N
W E
S

LEGEND:

FORESHORE LICENCE AREA
PROPOSED GRAVITY SEWER
PROPOSED MANHOLE
PROPOSED OUTFALL

ALL PIPE ALIGNMENTS ARE INDICATIVE ONLY

Rev	Date	Description	By	Chk	App
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PROJECT

UTAS - CORK BUNDLE
WHITEGATE \ AGHADA

DRAWING TITLE

TREATED EFFLUENT OUTFALL PLAN

STATUS

FOR INFORMATION

Date: 07/06/19	Scale: 1:500@A1 1:250@A3	Drawn: TD	Chk: CE	App: KOS
Project No: 257589-00	Drg. No: IW-10015229-03-01-019			Rev: I1

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ORDNANCE SURVEY IRELAND LICENCE NUMBER EN 3-3-34