A1

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

POSITION OF SITE NOTICE
PROPOSED ACCESS GATE
INCOMING RISING MAIN
EXISTING ACCESS ROAD
WASHWATER KIOSK
INLET WORKS
FLOW CONTROL CHAMBER
FLOW SPLITTING CHAMBER
3 No. 6mØ PRIMARY TANKS
PROPOSED 2.4m HIGH SECURITY FENCE
EXISTING HEDGEROW TO BE RETAINED IN LINE WITH SECTION 8 OF THE IRISH WATER DOCUMENT: IW-AMT-GL-009.
DESLUDGE CHAMBER
10mØ STORM BALANCE TANK
MCC KIOSK & WELFARE FACILITY
FINAL EFFLUENT CHAMBER
FINAL EFFLUENT SAMPLE CHAMBER
PRIMARY SLUDGE PS
RETURN LIQUOR PS
4.2mØ PICKET FENCE THICKENER
TANKER CONNECTION POINT
GRAVITY OUTLET TO SEA OUTFALL
MH
A
B
C
9.00
20.00
10.00
13.30
5.00
18.00
31.00
39.00
30.00
45.00
50.00
10.00
8.00

GENERAL NOTES

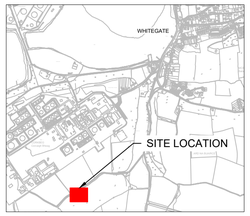
N
W E
S

LEGEND:

- PROPOSED SITE BOUNDARY
- PROPOSED RISING MAIN — RM
- PROPOSED SEWER — F
- PROPOSED OUTFALL/OVERFLOW
- PROPOSED TREATED EFFLUENT PIPELINE
- PROPOSED FENCE
- EXISTING SEWER — Ex F
- EXISTING COMBINED DRAIN — Ex C
- EXISTING SURFACE SEWER — Ex S
- PROPOSED AIR VALVE — A.V.
- PROPOSED SLUICE VALVE — S.V.
- RISING MAIN — RM
- INLET PIPE — F
- SLUDGE
- RETURN LIQUOR & SCUM
- TREATED EFFLUENT
- STORM

NOTES:

1. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
2. ANY QUERIES OR DISCREPANCIES ARE TO BE REFERRED TO THE EMPLOYER'S REPRESENTATIVE IMMEDIATELY.
3. ALL PROPOSED PIPELINE ALIGNMENTS ARE INDICATIVE



Rev	Date	Description	By	Chk	App
P1	27/10/20	Planning	TD	KO'S	JA

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PROJECT
WHITEGATE - AGHADA SEWERAGE SCHEME
UTAS - CORK BUNDLE

DRAWING TITLE
PROPOSED WASTEWATER TREATMENT PLANT
SITE LAYOUT PLAN

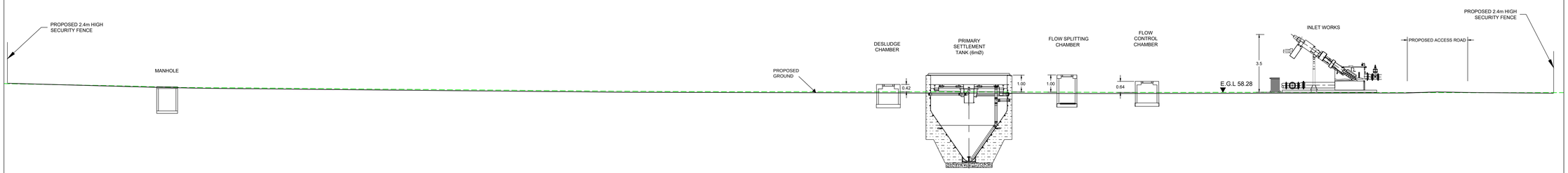
STATUS
FOR PLANNING

Date: 27/10/2020	Scale: 1:200@A1	Drawn: TD	Chk: GB	App: KOS
Project No: 257589-00	Drg. No: IW-10015229-03-01-057			Rev: P1

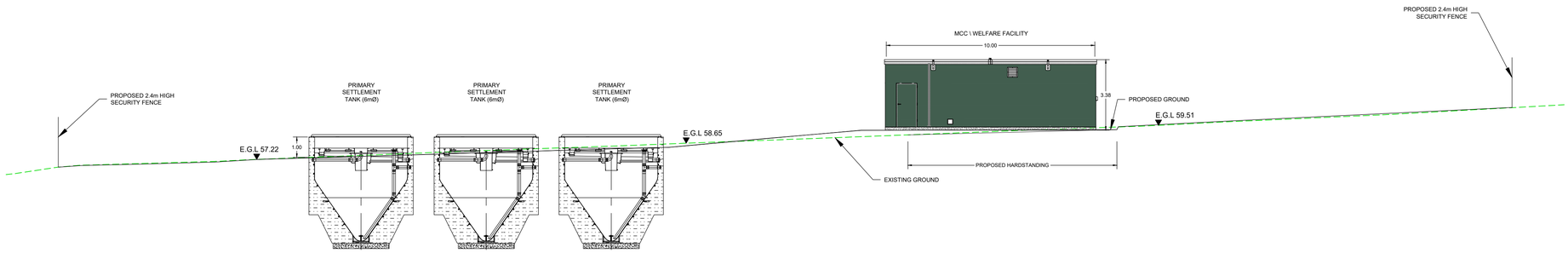
Ordnance Survey Ireland
ORDNANCE SURVEY IRELAND LICENCE NUMBER EN 3-3-34

A1

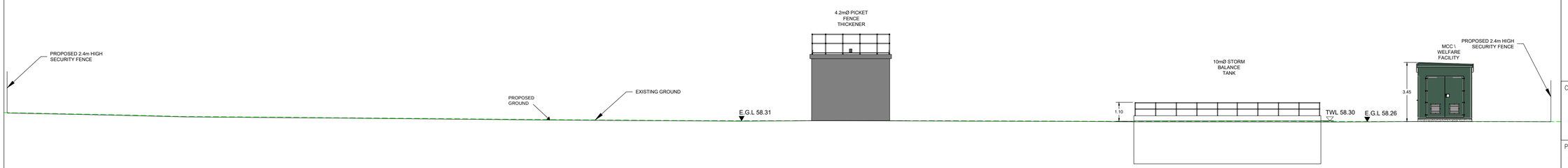
OSI SHEET NUMBERS:
6512-C, 6512-D, 6550-A & 6550-B



SECTION A-A



SECTION B-B



SECTION C-C

GENERAL NOTES

LEGEND:

EXISTING GROUND LEVEL

PROPOSED GROUND LEVEL

NOTES:

1. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
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PROJECT

WHITEGATE - AGHADA SEWERAGE SCHEME
UTAS - CORK BUNDLE

DRAWING TITLE

PROPOSED WASTEWATER TREATMENT PLANT SECTIONS

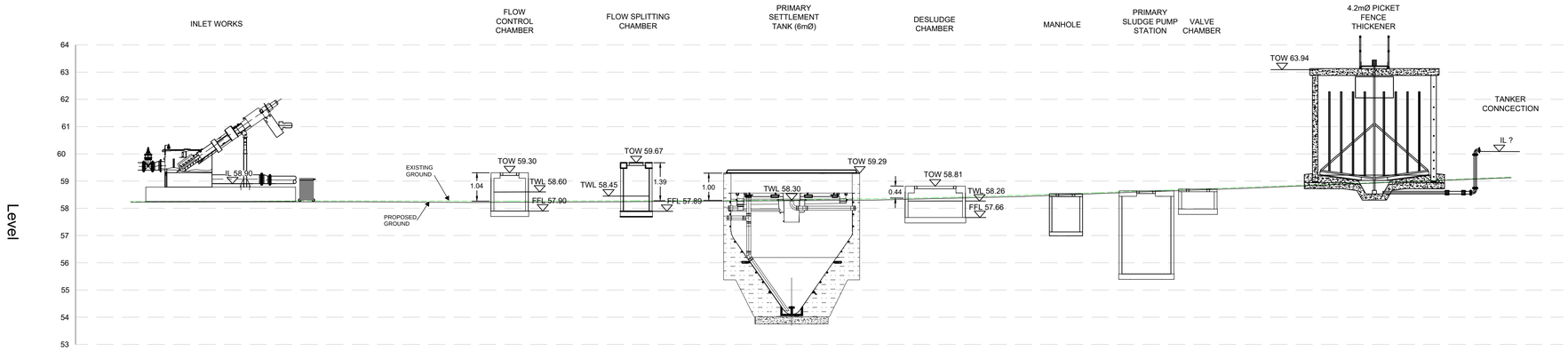
STATUS

FOR PLANNING

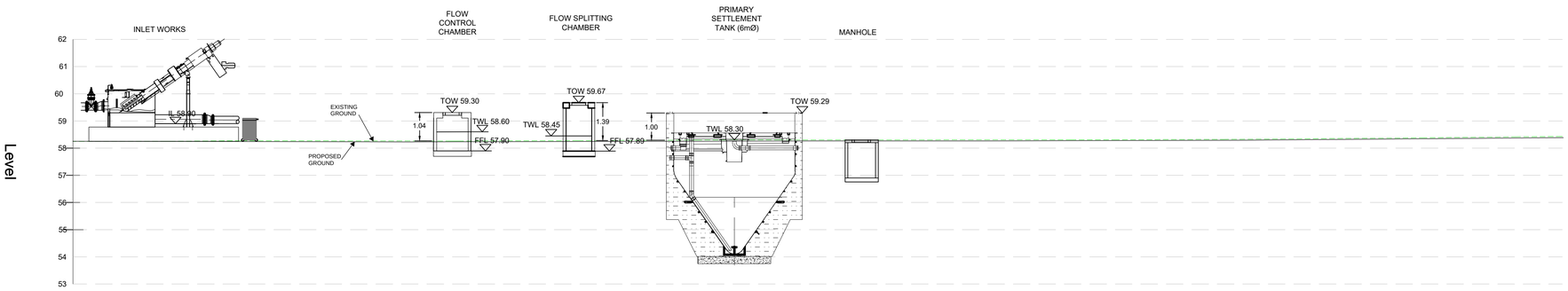
Date: 27/10/2020	Scale: 1:125@A1	Drawn: TD	Chk: GB	App: KOS
Project No: 257589-00	Drg. No: IW-10015229-03-01-058			Rev: P1

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

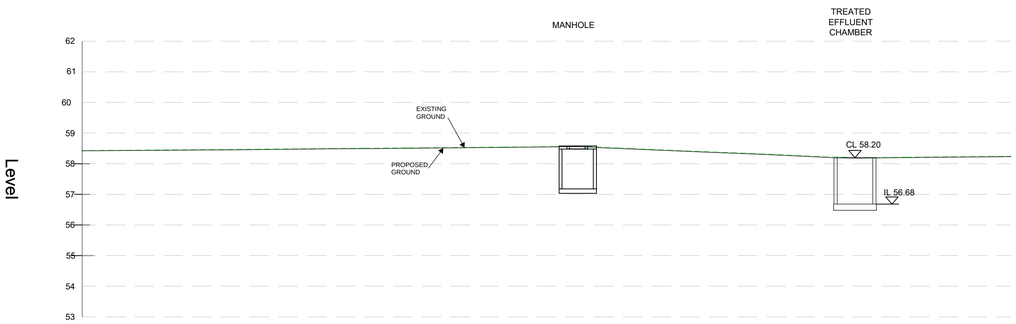
A1



SECTION THROUGH PROCESS LINE
INLET WORKS TO SLUDGE HOLDING TANK
SCALE: H 1:100, V 1:100



SECTION THROUGH PROCESS LINE
INLET WORKS TO TREATED EFFLUENT CHAMBER
SCALE: H 1:100, V 1:100



SECTION THROUGH PROCESS LINE
INLET WORKS TO TREATED EFFLUENT CHAMBER (cont.)
SCALE: H 1:100, V 1:100

GENERAL NOTES

NOTES:

1. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
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3. ALL PROPOSED PIPELINE ALIGNMENTS ARE INDICATIVE

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PROJECT
WHITEGATE - AGHADA SEWERAGE SCHEME
UTAS - CORK BUNDLE

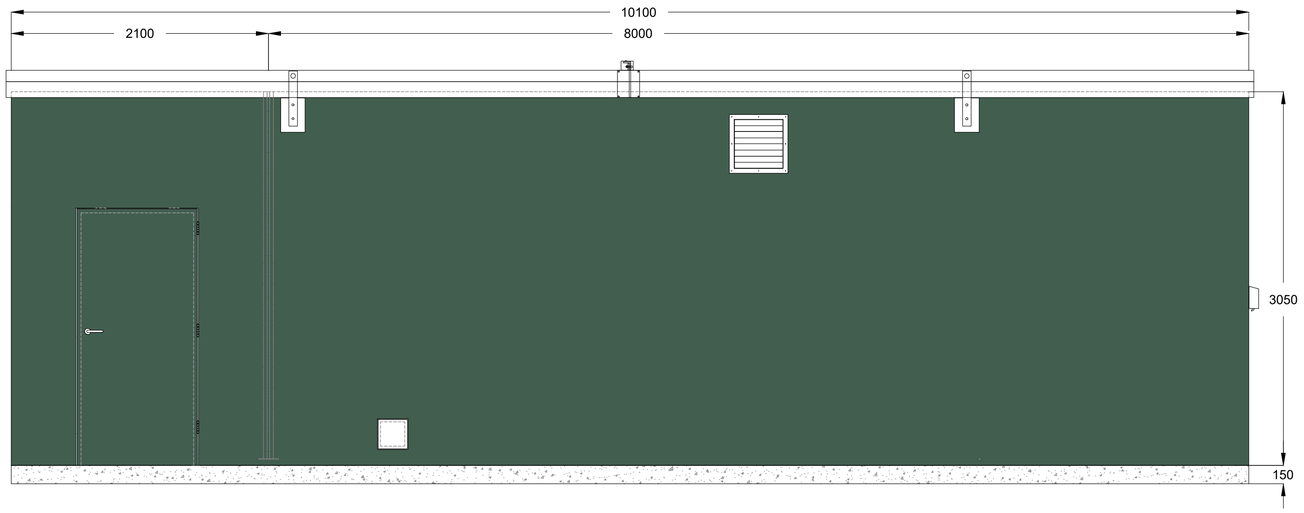
DRAWING TITLE
PROPOSED WASTEWATER TREATMENT PLANT SECTIONS

STATUS
FOR PLANNING

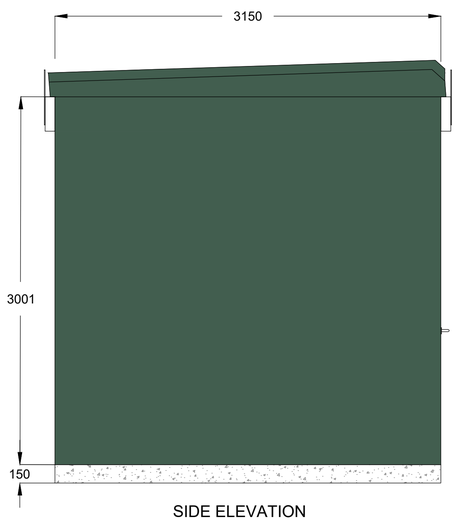
Date: 27/10/2020	Scale: 1:100@A1	Drawn: TD	Chk: DO'C	App: KOS
Project No: 257589-00	Drg. No: IW-10015229-03-01-059			Rev: P1

A1

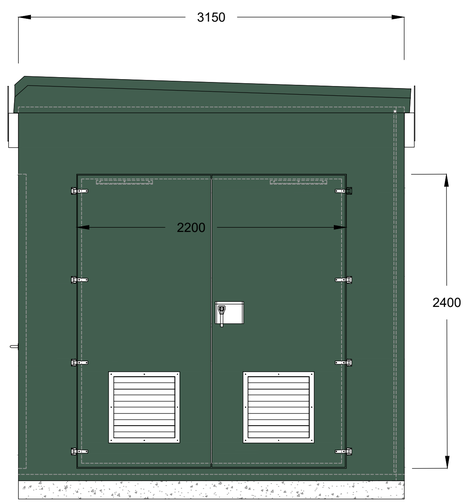
ROOF PLAN



FRONT ELEVATION



SIDE ELEVATION



SIDE ELEVATION

GENERAL NOTES

NOTES:

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2. ANY QUERIES OR DISCREPANCIES ARE TO BE REFERRED TO THE EMPLOYER'S REPRESENTATIVE IMMEDIATELY.
3. ALL PROPOSED PIPELINE ALIGNMENTS ARE INDICATIVE
4. KIOSK TO BE CONSTRUCTED FROM THERMOSETTING U.V. & WEATHER RESISTANT PLASTIC POWDER COATED & HOT DIPPED GALVANISED STEEL (MINIMUM 4mm THICKNESS) IN ACCORDANCE WITH BS EN 1461. STAINLESS STEEL OR NON-METALLIC MATERIALS, SUCH AS GLASS REINFORCED PLASTIC (GRP), MAY BE USED AS AN ALTERNATIVE KIOSK MATERIAL, PARTICULARLY IN SEVERE ENVIRONMENTS, SUBJECT TO AGREEMENT WITH IRISH WATER.
5. COLOUR TO BE HOLLY GREEN 14 C 39 IN ACCORDANCE WITH BS 4800:2011.

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PROJECT
WHITEGATE - AGHADA SEWERAGE SCHEME
UTAS - CORK BUNDLE

DRAWING TITLE
PROPOSED WASTEWATER TREATMENT PLANT
MCC/WELFARE FACILITY & KIOSK

STATUS
FOR PLANNING

Date: 27/10/2020	Scale: 1:2500	Drawn: TD	Chk: AM	App: KOS
Project No: 257589-00	Drg. No: IW-10015229-03-01-060			Rev: P1