

COMHAIRLE CONTAE MHAIGH EO MAYO COUNTY COUNCIL



DERRINUMERA SLUDGE HUB CENTRE & LEACHATE TREATMENT FACILITY

APPLICATION FOR REVIEW OF DERRINUMERA WASTE LICENCE W0021-01

ENVIRONMENTAL IMPACT STATEMENT [E.I.S.]

VOLUME III : E.I.S. DRAWINGS

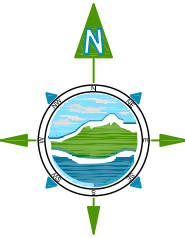
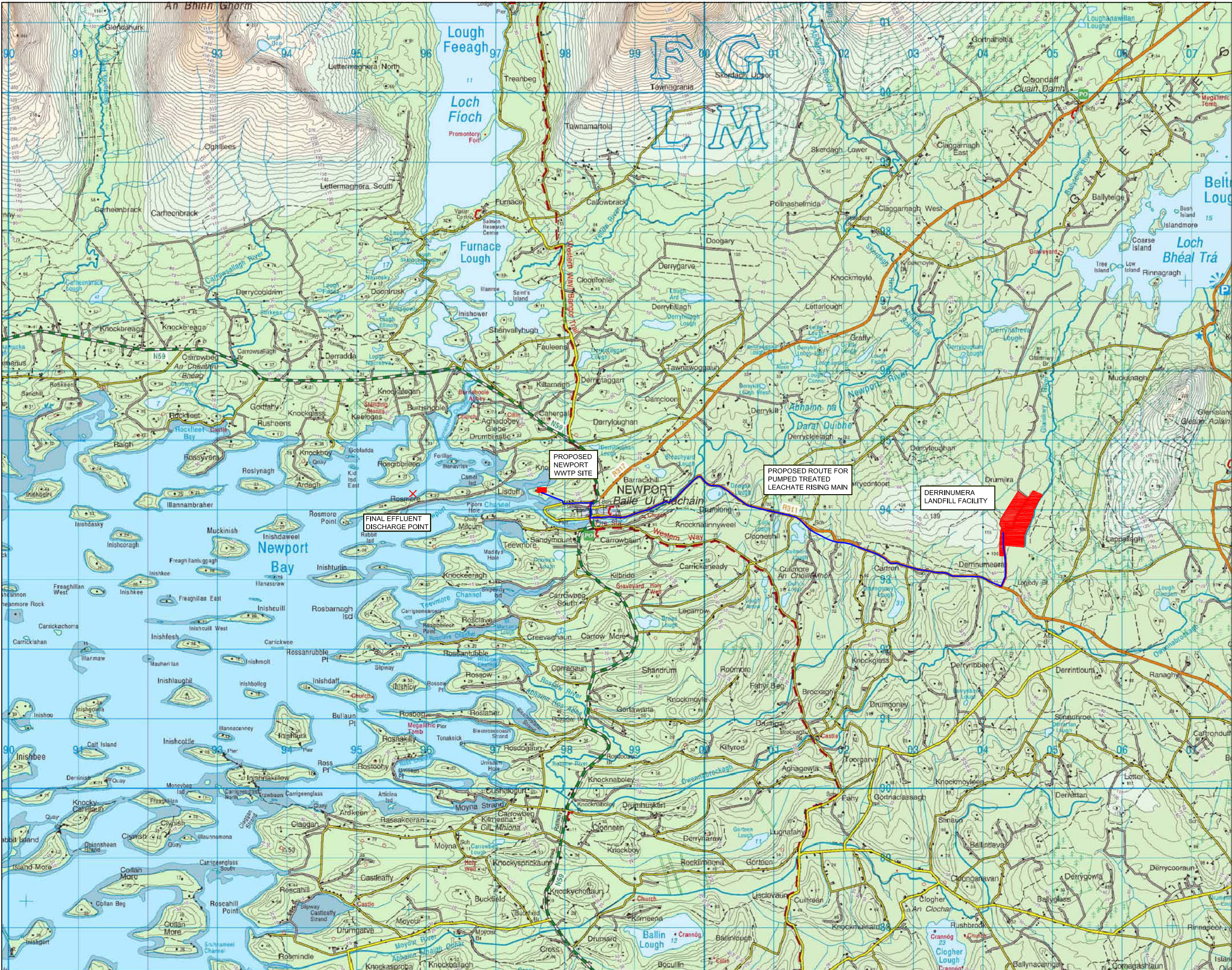
Mr. J. Beirne, B.E., M.I.E., C.Eng., Eur. Ing., F.I.E.I., M.CIWEM.,
DIRECTOR OF SERVICES & COUNTY ENGINEER,
MAYO COUNTY COUNCIL.

MAY 2007



TOBIN Consulting Engineers
GALWAY, CASTLEBAR, DUNDALK,
LIMERICK, DUBLIN & CORK

DERRINUMERA WASTE LICENCE (W0021-01) REVIEW – ENVIRONMENTAL IMPACT STATEMENT MAY 2007 – DRAWING INDEX							
DWG.NO.....	DWG. TITLE.....	DWG.NO.....	DWG. TITLE.....	DWG.NO.....	DWG. TITLE.....	DWG.NO.....	DWG. TITLE.....
1908-2200	ROUTE SELECTION OF PROPOSED TREATED LEACHATE RISING MAIN FROM SLUDGE HUB CENTRE						
1908-2201	EXISTING SITE LAYOUT PLAN OF DERRINUMERA LANDFILL FACILITY						
1908-2202	SITE LAYOUT PLAN OF PROPOSED SLUDGE HUB CENTRE AND LEACHATE TREATMENT FACILITY						
1908-2203	SITE LAYOUT PLAN SHOWING PROPOSED ROAD SURFACES						
1908-2204	FUTURE DRAWING						
1908-2205	GROUND FLOOR PLAN OF PROPOSED SLUDGE DRYING AND HANDLING BUILDING						
1908-2206	FIRST FLOOR PLAN OF PROPOSED SLUDGE DRYING AND HANDLING BUILDING						
1908-2207	LAYOUT PLAN OF RECEPTION AREA AND SLUDGE PUMP SUMPS						
1908-2208	FRONT AND REAR ELEVATION OF PROPOSED SLUDGE DRYING AND HANDLING BUILDING.						
1908-2409	DETAILS OF PROPOSED COMPOSTING TUNNELS						
1908-2210	DETAILS OF PROPOSED BIO-FILTERS						



LEGEND:

PROPOSED TREATED
LEACHATE RISING MAIN

NOTES

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- ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT MALIN HEAD

Issue	Date	Description	By	Chkd.
B	MAY 07	COLOUR ADJUSTMENT	MH	MFG
A	APRIL 07	CLIENT ISSUE	MH	MFG

Client: MAYO COUNTY COUNCIL

Project:
DERRINUMERA WASTE LICENCE
(W0021-01) REVIEW
ENVIRONMENTAL IMPACT
STATEMENT

Title:
ROUTE SELECTION OF PROPOSED
TREATED LEACHATE RISING
MAIN FROM LEACHATE
TREATMENT FACILITY

Scale @ A3: 1 : 50,000

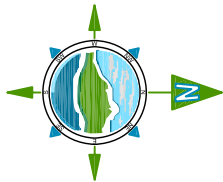
Prepared by: MH
Checked: MFG
Date: APRIL 07

Project Director: MICHAEL F. GARRICK



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Drawing No.: 1908 - 2200 B



EXISTING WASTE LICENCE
BOUNDARY UNDER LICENCE NO.
W0021-01 SHOWN

NOTES

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DRAWING
2. ALL DRAWINGS TO BE CHECKED BY THE CONTRACTOR ON SITE
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DISCREPANCIES BEFORE ANY WORK COMMENCES
4. ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT
MALIN HEAD

Issue	Date	Description	By	Chkd.
B	MAY 07	MINOR AMENDMENTS TO DETAIL	MH	MFG
A	JULY 06	CLIENT ISSUE	M.J.	M.H.

Client: MAYO COUNTY COUNCIL

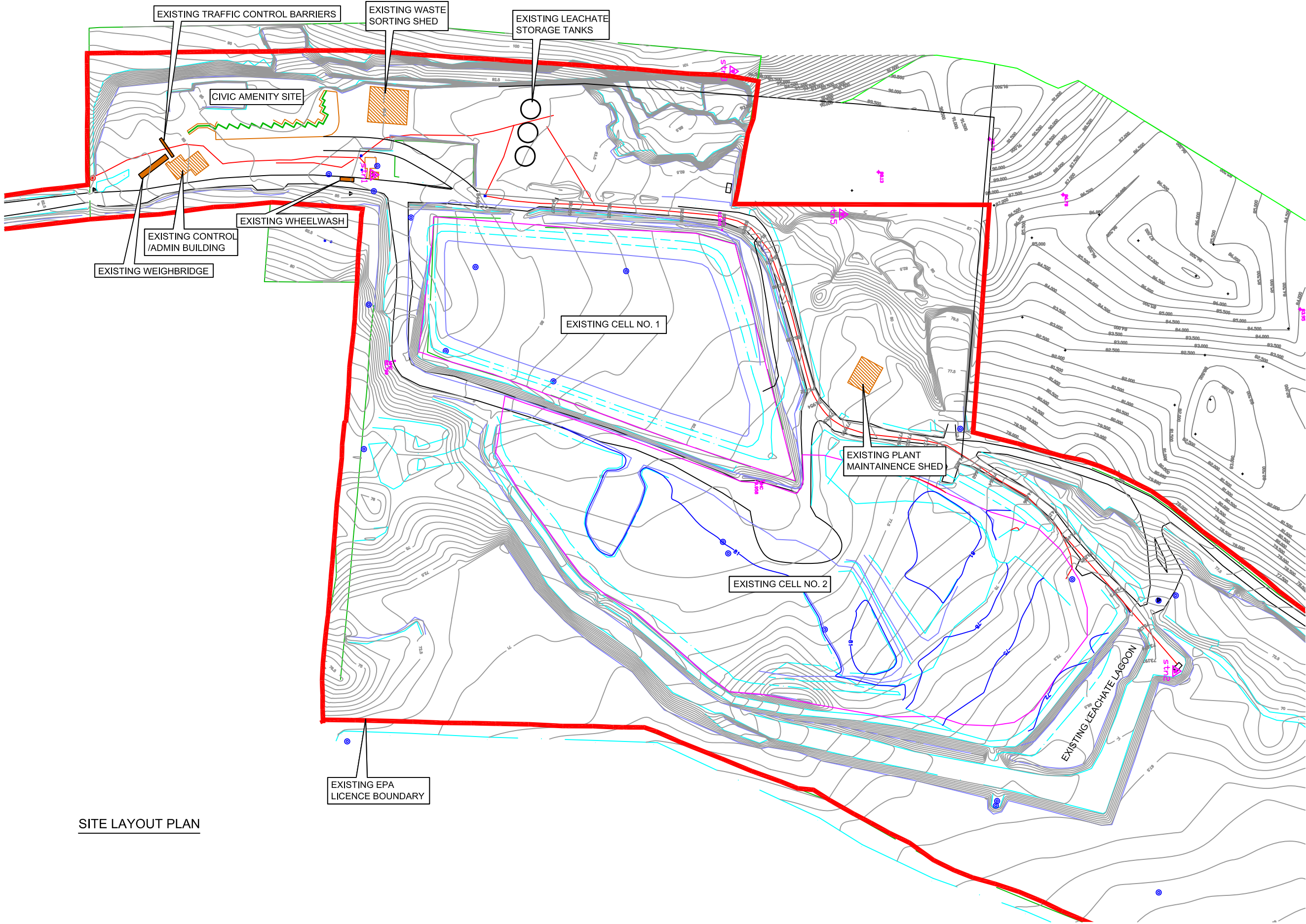
Project: DERRINUMERA WASTE LICENCE
(W0021-01) REVIEW
ENVIRONMENTAL IMPACT
STATEMENT

Title: EXISTING SITE LAYOUT PLAN
OF DERRINUMERA LANDFILL
FACILITY

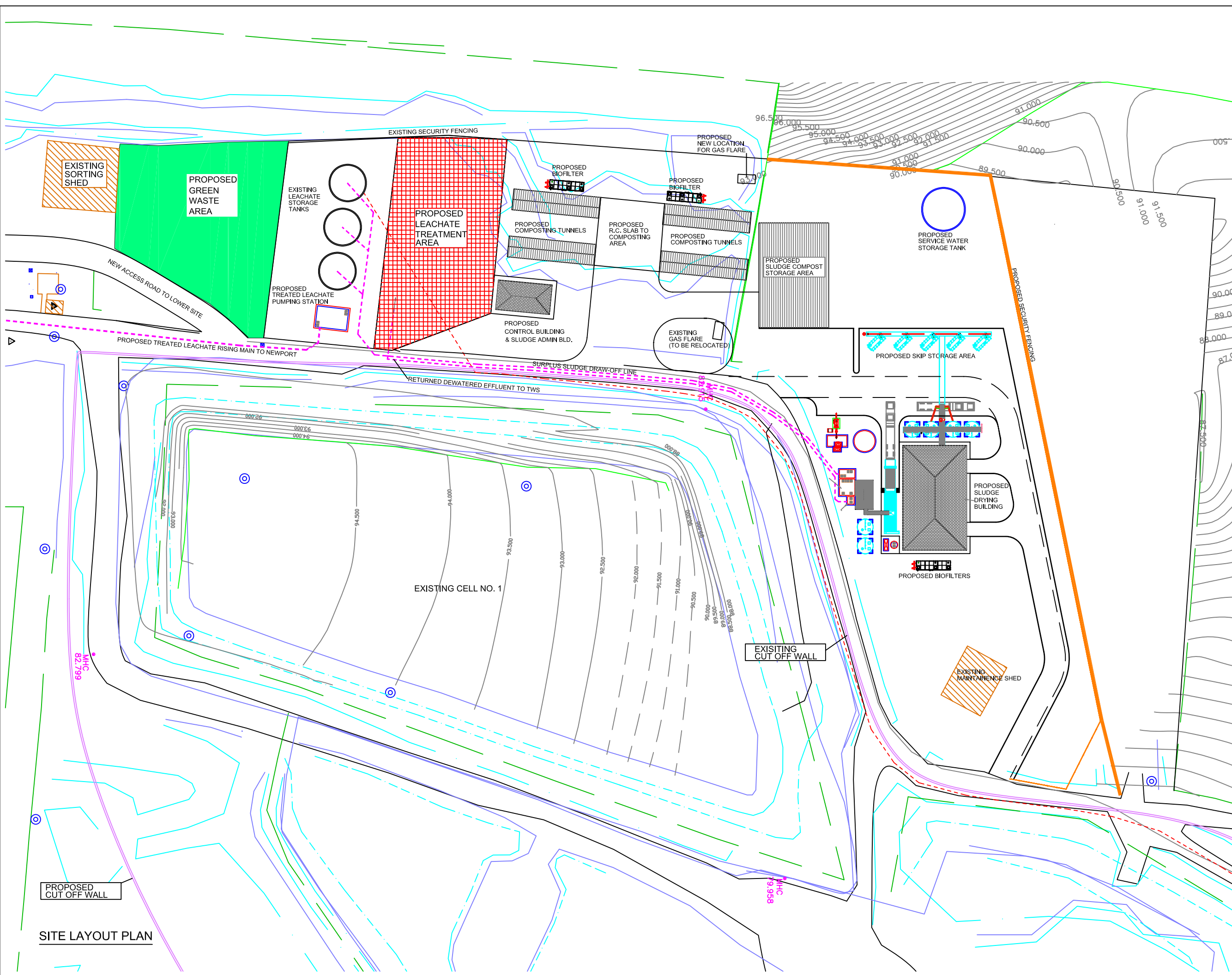
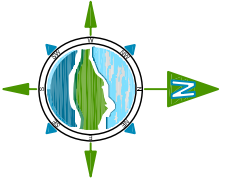
Scale @ A3: 1:2000
Prepared by: M.J. Checked: M.H. Date: JULY06
Project Director: M. F. GARRICK - CASTLEBAR

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Drawing No.: 1908-2201 Issue: B



SITE LAYOUT PLAN



- NOTES**
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 4. ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT MALIN HEAD

Issue	Date	Description	By	Chkd.
B	MAY 07	TEXT ADJUSTMENTS	MH	MFG
A	JULY 06	CLIENT ISSUE	MJ	MH

Client: MAYO COUNTY COUNCIL

Project: DERRINUMERA WASTE LICENCE (W0021-01) REVIEW
ENVIRONMENTAL IMPACT STATEMENT

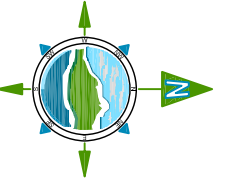
Title: SITE LAYOUT PLAN OF
PROPOSED SLUDGE HUB
CENTRE AND LEACHATE
TREATMENT FACILITY

Scale @ A3: 1:1000

Prepared by: M.J. Checked: M.H. Date: JULY 06

Project Director: M. F. GARRICK - CASTLEBAR

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LEGEND:

- ACCESS ROAD TYPE 1:
BITUMEN SURFACE LAYER
- ACCESS ROAD TYPE 2:
CONCRETE HARDSTAND

NOTES

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4. ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT MALIN HEAD

Issue	Date	Description	By	Chkd.
A	MAY 07	CLIENT ISSUE	MH	MFG

Client: MAYO COUNTY COUNCIL

Project: DERRINUMERA WASTE LICENCE (W0021-01) REVIEW
ENVIRONMENTAL IMPACT STATEMENT

Title: SITE LAYOUT PLAN
SHOWING PROPOSED
ROAD SURFACES

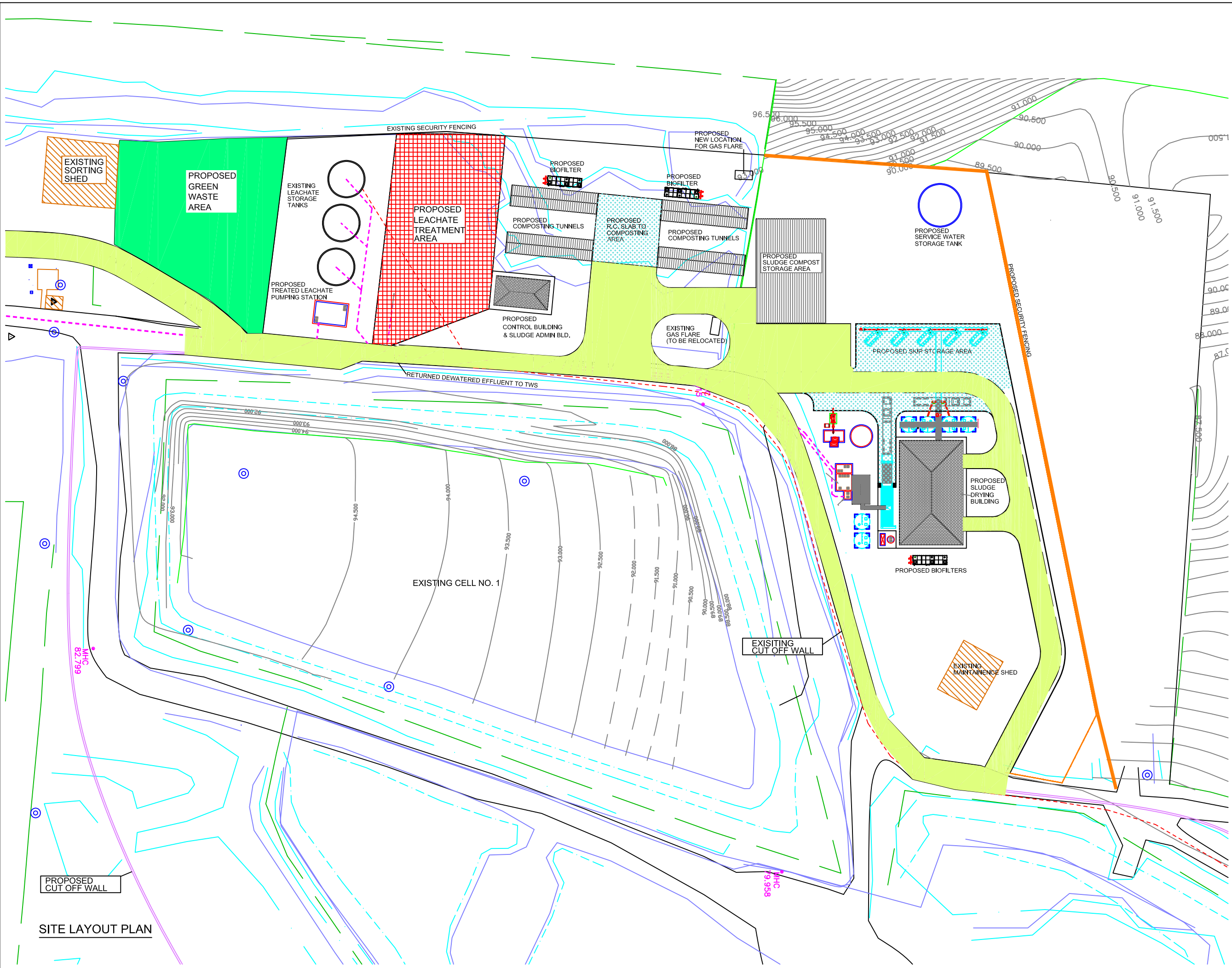
Scale @ A3: 1:1000

Prepared by: MH Checked: MFG Date: MAY 07

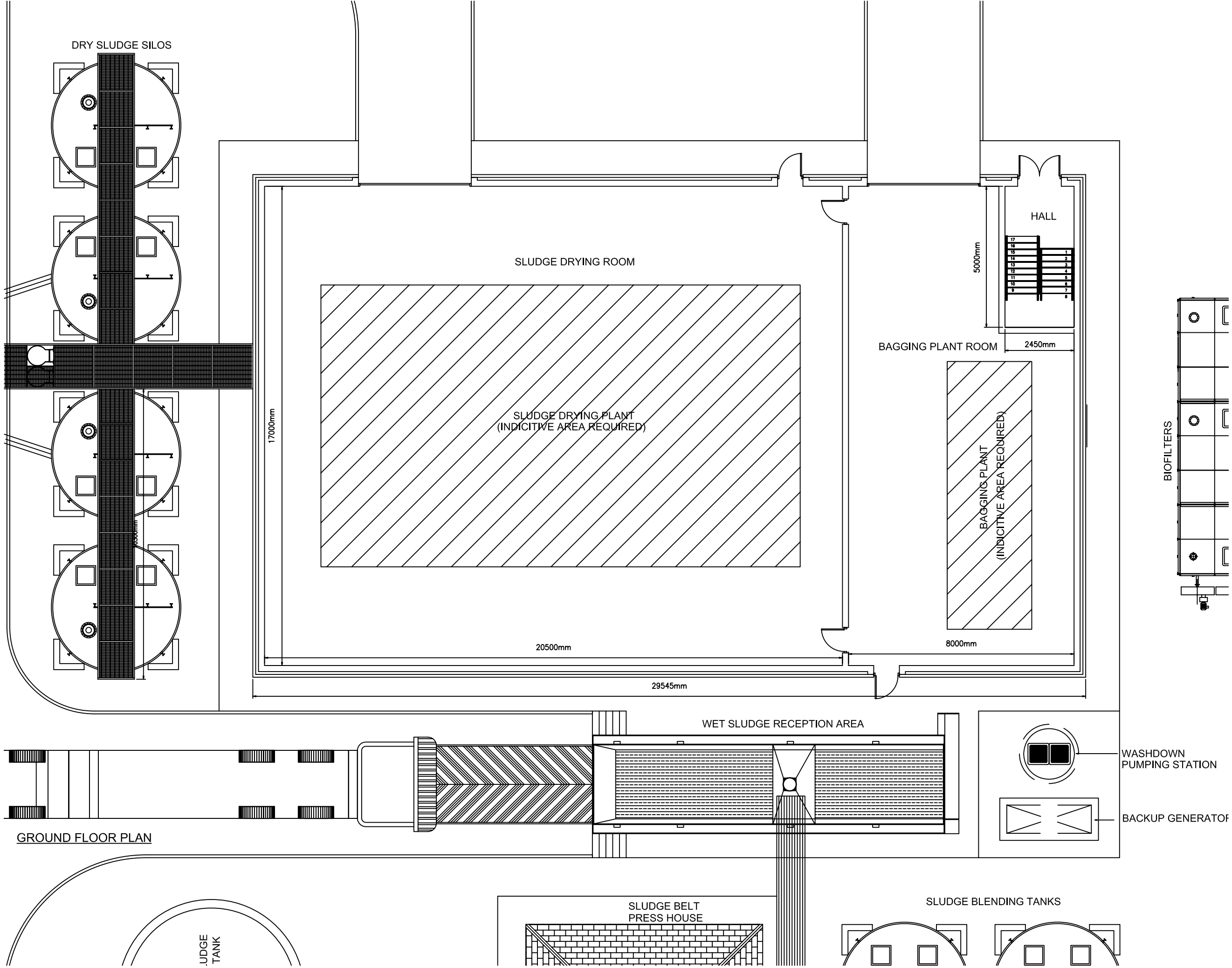
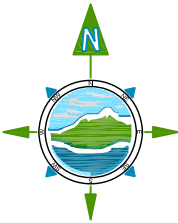
Project Director: MICHAEL F. GARRICK

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Drawing No.: 1908-2203 Issue: A



SITE LAYOUT PLAN



NOTES

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Issue	Date	Description	By	Chkd.
B	MAY 07	CLIENT ISSUE	MH	MFG
A	JULY 06	CLIENT ISSUE	MJ	MH

Client: MAYO COUNTY COUNCIL

Project: DERRINUMERA WASTE LICENCE (W0021-01) REVIEW
ENVIRONMENTAL IMPACT STATEMENT

Title: GROUND FLOOR PLAN OF PROPOSED SLUDGE DRYING AND HANDLING BUILDING

Scale @ A3: 1:125

Prepared by: M.J. Checked: M.H. Date: JULY'06

Project Director: M. F. GARRICK - CASTLEBAR

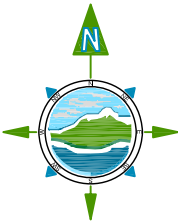
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Drawing No.: 1908-2205

Issue:

B



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- ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT MALIN HEAD

Issue	Date	Description	By	Chkd.
B	MAY 07	CLIENT ISSUE	MH	MFG
A	JULY 06	CLIENT ISSUE	MJ	MH

Client: MAYO COUNTY COUNCIL

Project: DERRINUMERA WASTE LICENCE (W0021-01) REVIEW
ENVIRONMENTAL IMPACT STATEMENT

Title: FIRST FLOOR PLAN OF PROPOSED SLUDGE DRYING AND HANDLING BUILDING.

Scale @ A3: 1:125

Prepared by: M.J. Checked: M.H. Date: JULY'06

Project Director: M. F. GARRICK - CASTLEBAR

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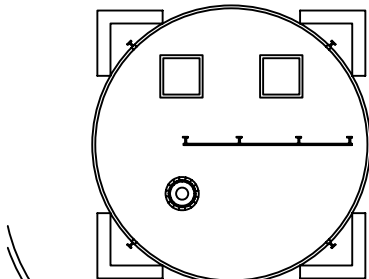
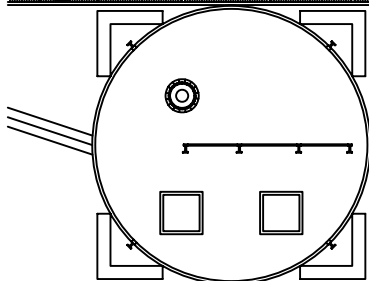
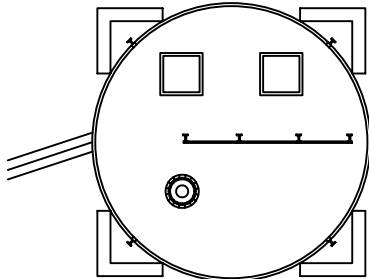
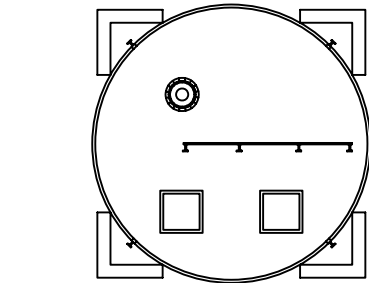
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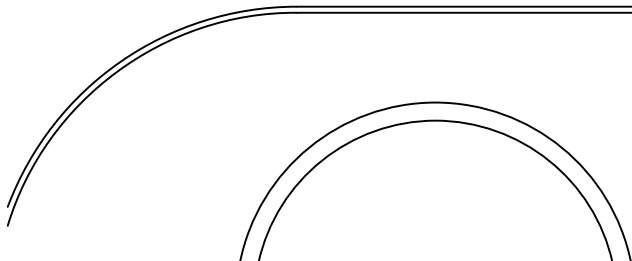
Issue:

B

DRY SLUDGE SILOS



FIRST FLOOR PLAN



SLUDGE DRYING ROOM

SLUDGE DRYING PLANT
(INDICATIVE AREA REQUIRED)

PLANT CONTROL ROOM

HALL

UP
17
16
15
14
13
12
11
10

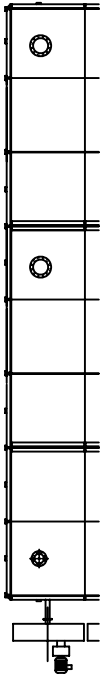
STORE ROOM

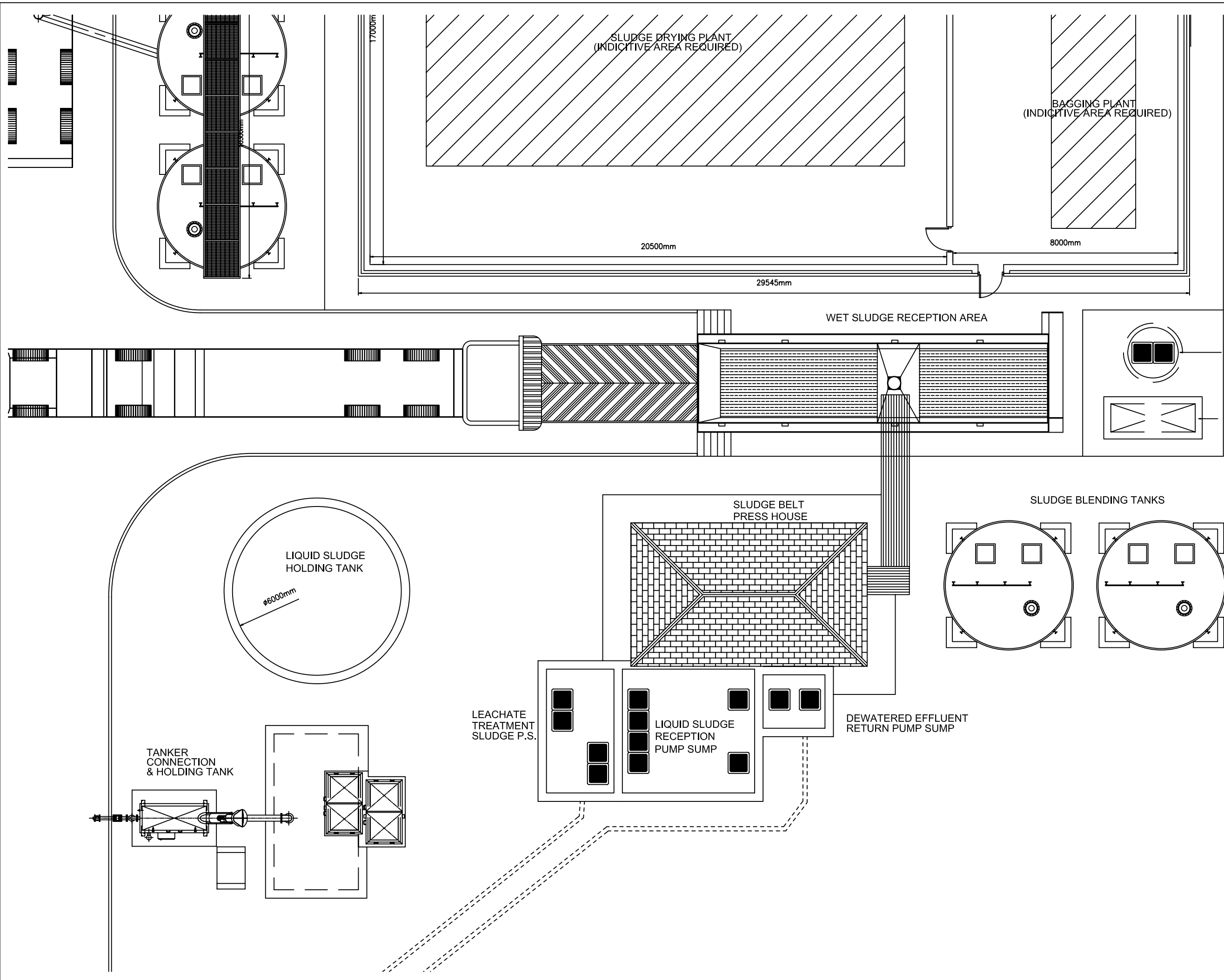
WET SLUDGE RECEPTION AREA

SLUDGE BELT
PRESS HOUSE

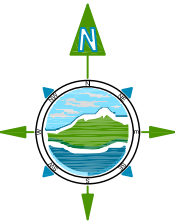
SLUDGE
BLENDING
TANKS

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4. ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT MALIN HEAD

A	JULY 06	CLIENT ISSUE	MJ	MH
Issue	Date	Description	By	Chkd.

Client: MAYO COUNTY COUNCIL

Project: DERRINUMERA WASTE LICENCE (W0021-01) REVIEW
ENVIRONMENTAL IMPACT STATEMENT

Title: LAYOUT PLAN OF RECEPTION AREA & SLUDGE PUMP SUMPS

Scale @ A3: 1:125

Prepared by: M.J. Checked: M.H. Date: JULY'06

Project Director: M. F. GARRICK - CASTLEBAR

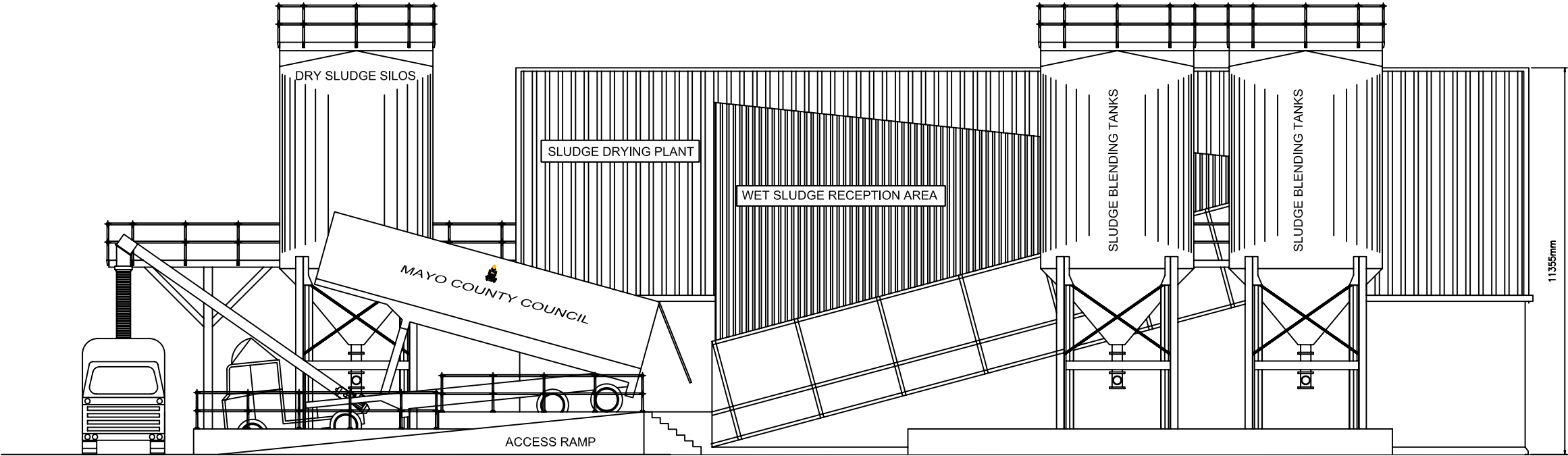

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Issue:

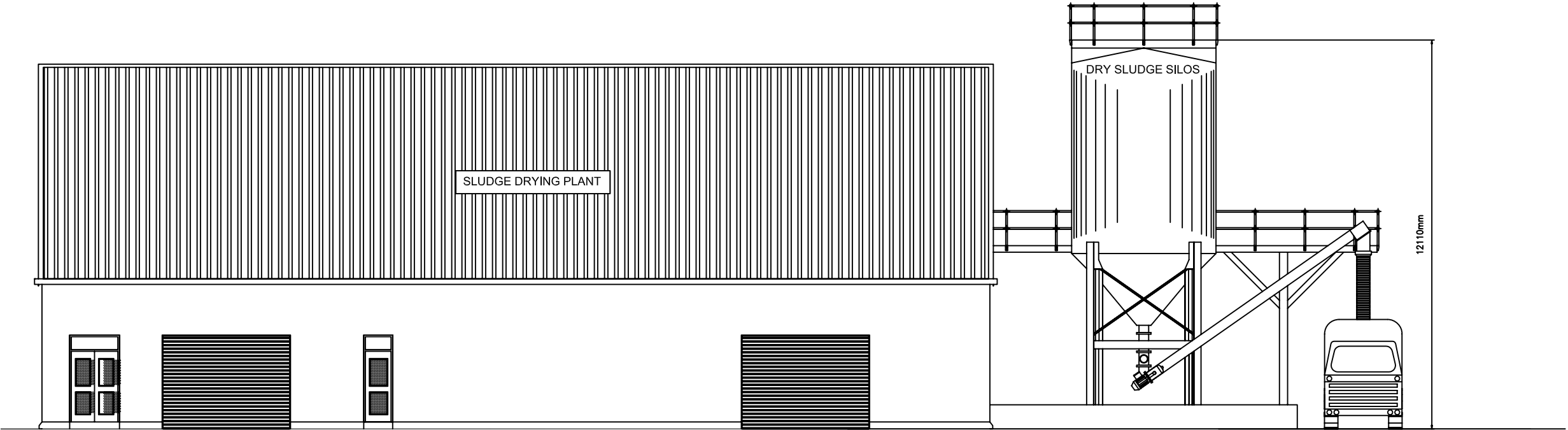
A



FRONT ELEVATION
SCALE 1 : 150

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4. ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT MALIN HEAD

Issue	Date	Description	By	Chkd.
B	MAY 07	WIPEOUTS ADDED	MH	MFG
A	JULY 06	CLIENT ISSUE	MJ	MH



REAR ELEVATION
SCALE 1 : 150

Client: MAYO COUNTY COUNCIL

Project: DERRINUMERA WASTE LICENCE (W0021-01) REVIEW
ENVIRONMENTAL IMPACT STATEMENT

Title: FRONT AND REAR ELEVATIONS OF PROPOSED SLUDGE DRYING AND HANDLING BUILDING

Scale @ A3: 1:150

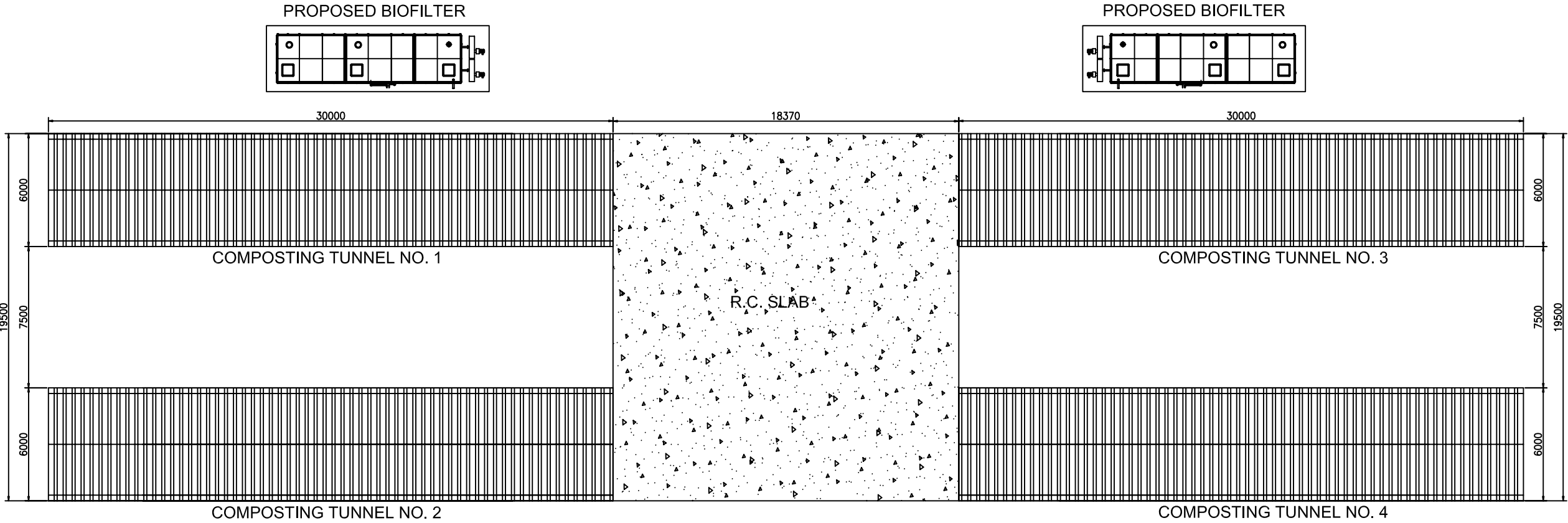
Prepared by: M.J. Checked: M.H. Date: JULY'06

Project Director: M. F. GARRICK - CASTLEBAR

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LAYOUT PLAN
SCALE 1 : 250

NOTES

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Issue	Date	Description	By	Chkd.
B	MAY 07	MINOR AMENDMENTS	MH	MFG
A	JULY 06	CLIENT ISSUE	MJ	MH

Client: MAYO COUNTY COUNCIL

Project: DERRINUMERA WASTE LICENCE (W0021-01) REVIEW
ENVIRONMENTAL IMPACT STATEMENT

Title: DETAILS OF PROPOSED COMPOSTING TUNNELS

Scale @ A3: AS SHOWN
Prepared by: M.J. Checked: M.H. Date: JULY'06
Project Director: M. F. GARRICK - CASTLEBAR

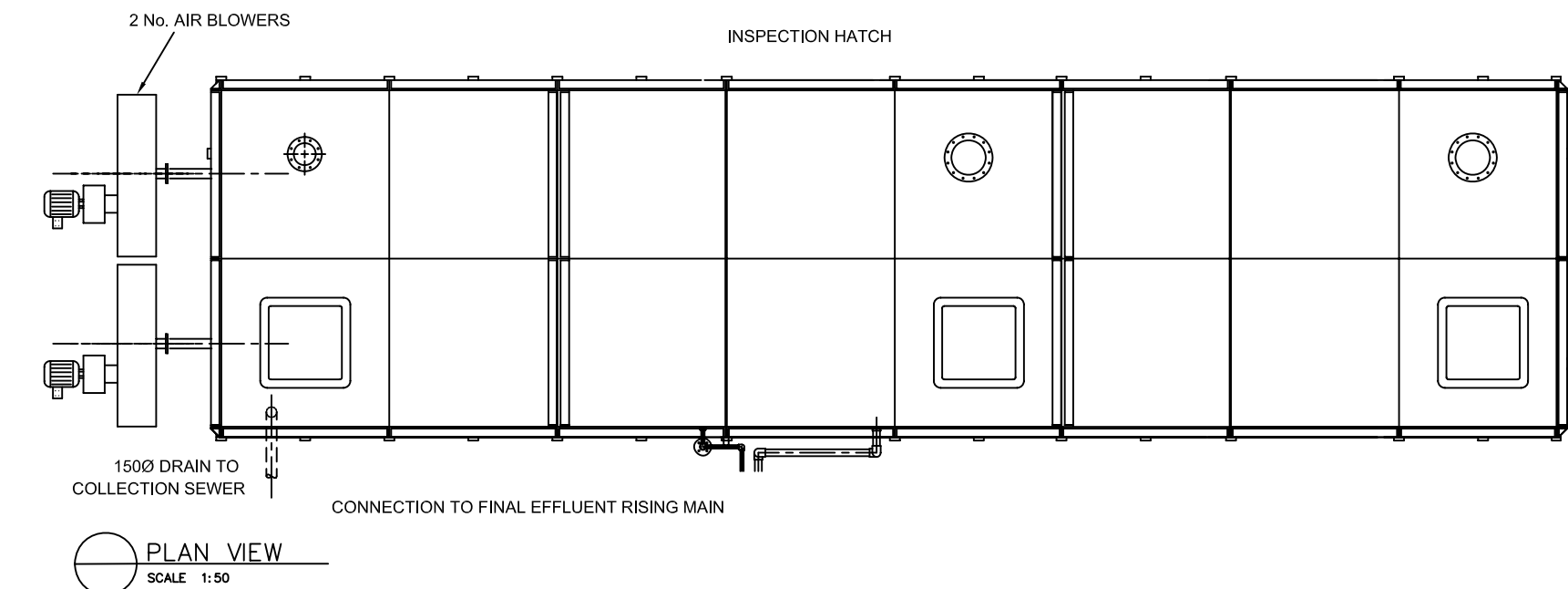
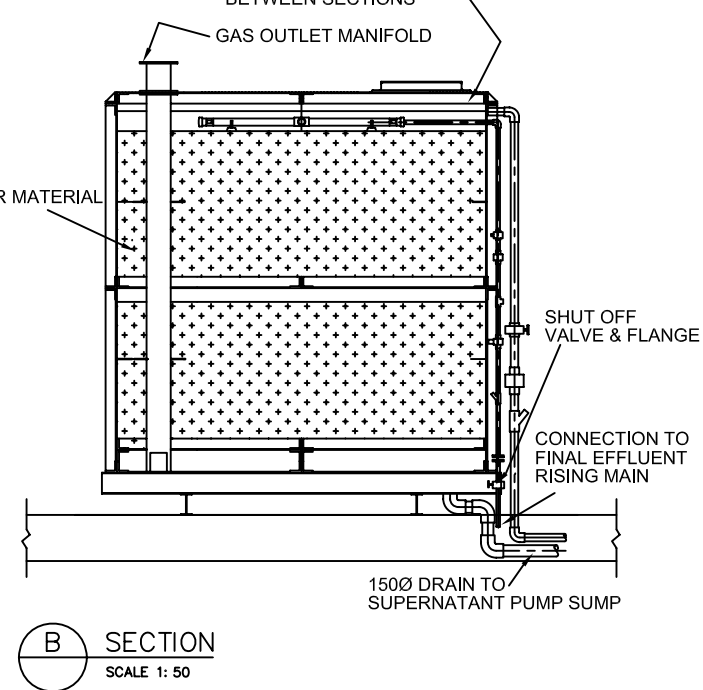
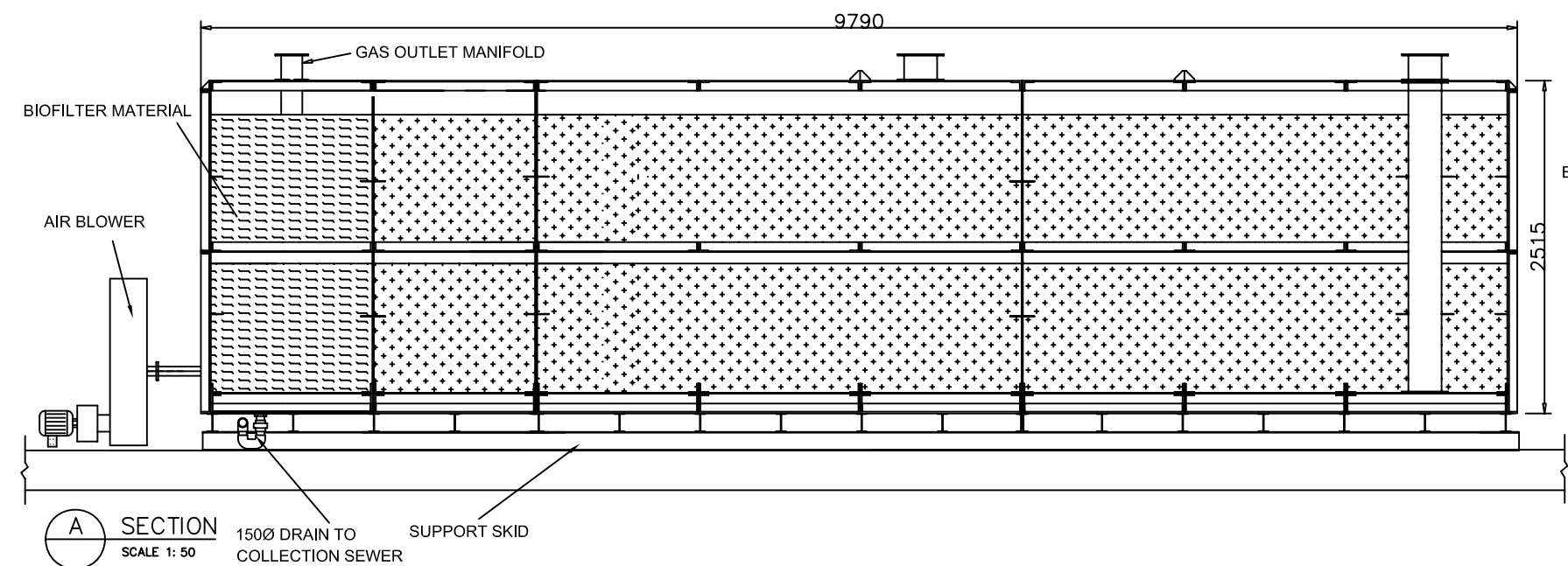
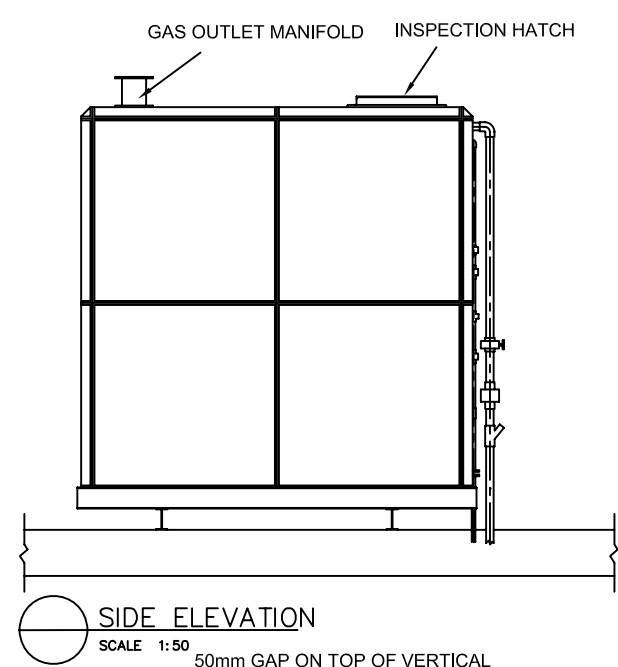
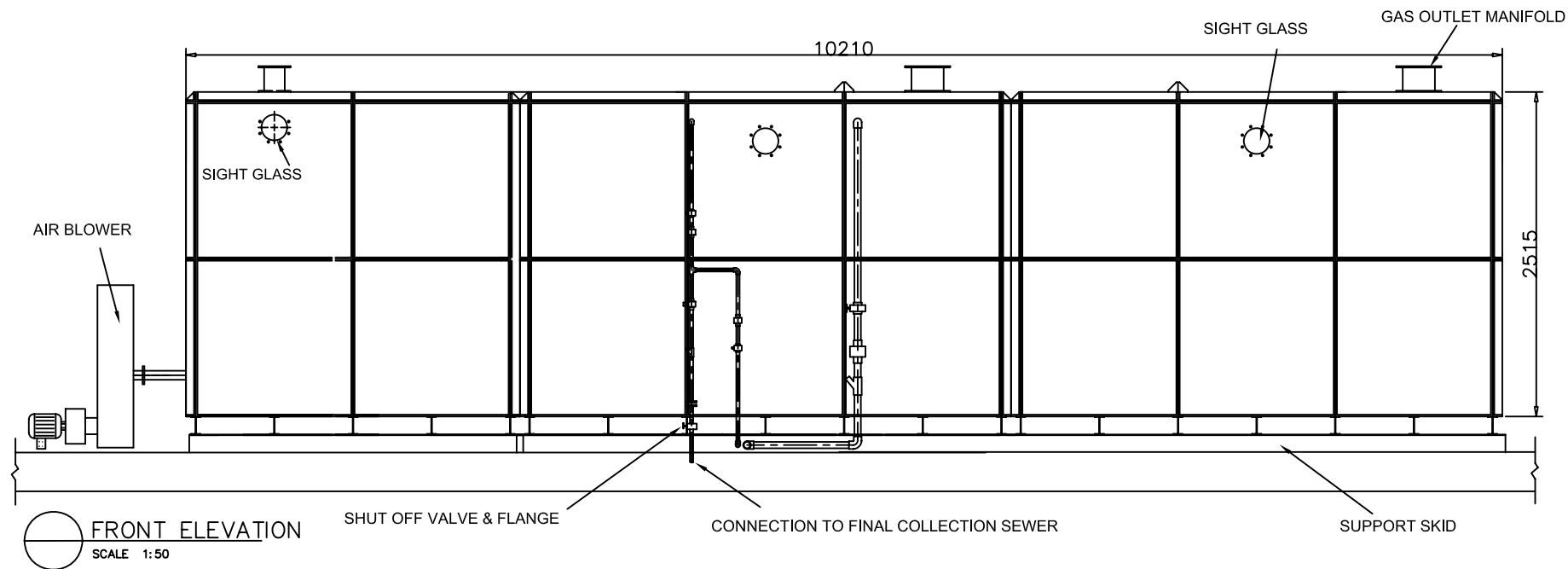
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TYPICAL CROSS SECTION
SCALE 1 : 100



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Issue	Date	Description	By	Chkd.
B	MAY 07	ADJUSTMENTS TO TEXT	MH	MFG
A	JULY 06	CLIENT ISSUE	MJ	MH

Client: MAYO COUNTY COUNCIL

Project: DERRINUMERA WASTE LICENCE (W0021-01) REVIEW
ENVIRONMENTAL IMPACT STATEMENT

Title: DETAILS OF PROPOSED BIO-FILTERS

Scale @ A3: 1:50

Prepared by: M.J. Checked: M.H. Date: JULY'06

Project Director: M. F. GARRICK - CASTLEBAR

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Drawing No.: 1908-2210

Issue:

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