



<u>N O T E S :</u>

- 1. FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING.
- 2. ALL DRAWINGS TO BE CHECKED BY THE CONTRACTOR ON SITE
- 3. ENGINEER/EMPLOYERS REPRESENTATIVE, AS APPROPRIATE, TO BE INFORMED BY THE CONTRACTOR OF ANY DISCREPANCIES
- BEFORE ANY WORK COMMENCES 4. THE CONTRACTOR SHALL UNDERTAKE A THOROUGH CHECK FOR THE ACTUAL LOCATION OF ALL SERVICES/UTILITIES, ABOVE AND BELOW GROUND, BEFORE ANY WORK COMMENCES
- 5. ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT MALIN HEAD

A	Dec. '17	PLANNING ISSUE	MN	DC
Rev	Date	Description	Ву	Chkd.

Bord **Naturally Driven**

Project:

Title:

Client:

PROPOSED DEVELOPMENT AT DREHID WASTE MANAGEMENT FACILITY

TYPICAL CAR PARK & ROAD CONSTRUCTION DETAILS

Typical precast manhole detail type e depth from ground level to soffit of pipe 1 - 1.5m

Typical precast m

type

depth from ground level to

pe in ans of	Minimum internal dimensions	Minimum a	access size	Remarks	
shaft		Rectangular	Circular		
a	1000mmØ	750 x 750 c	6000	Generally in accordance with safe work in	
- 1	1200mm@	750 × 600 ~	7500	confined spaces - health and safety commi	ssion
, ,			שטפי		
, ,					
0mmØ	1350mmØ	1200 x 675 c		Larger opening size is required for manhole shallower depths to permit standing / crouc	es at
0mmØ	1500mmØ	1200 x 675 c			
0mmØ	1800mmØ	1200 x 675 c		Cover loading class c250 in fields and d400 roads / road margins) in
Ø	The larger of 1800 or (dn + 450)	1200 x 675 c		Todus / Todu margins	
ø	1200mmØ	750 x 600 e	700Ø	Where a ladder is provided, a larger size m	ay be
5	1200mmØ	750 x 600 e		needed	
0mmØ	1350mmØ	750 x 600 e			
0mmØ	1500mmØ	750 x 600 e		Cover loading class c250 in fields and d400) in
0mmØ	1800mmØ			roads / road margins & footpaths	
ø	The larger of 1800 or				
-	(dn + 450)				
sizes may l	pe required for turning cha	mbers or chambers	with several side		
ents are ne	cessary, e.G. Disconnectir	ng traps.			
1 from benc	hing to underside of reduc	ing slab.			
onfiguration	of the manhole chamber p	permits			
ccess as pe	er details.				
				<u>N O T E S :</u>	
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				3. ENGINEER/EMPLOYERS REPRE	ESENTATIVE, AS
		Ductile in	ron access	APPROPRIATE, TO BE INFORM	ED BY THE PANCIES
		cover to	en124	BEFORE ANY WORK COMMENC	CES
		class as	detailed in	4. THE CONTRACTOR SHALL UND	
		table		LOCATION OF ALL SERVICES/L	JTILITIES,
				ABOVE AND BELOW GROUND,	BEFORE ANY
		— Designation 1 n baunching to m	nortar H. Cover	5. ALL LEVELS SHOWN RELATE T	O ORDNANCE
		and frame		SURVEY DATUM AT MALIN HEA	.D
-		· · · · · · · · · · · · · · · · · · ·	_		
		1200mm x 67 opening in co	5mm ver	0.5m 0m 0.5m	1m 1.5m
		slab			
		Bottom precas	st concrete		
-		concrete min.	75mm.		
	ج		oncrete	A Dec. '17 PLANNING ISSUE	MN DC
		surround	\	Bay Data Description	By Child
	· · ·	Concrete ben	, ching slope		
		to be 1 in 10 t	to 1 in 30		
· 4	'a .	Distance betw	veen top	Client:	<u> </u>
4		of pipe and ur	nderside of ole ring to be 50mr		ONA
: · ·		200mm to her	mal of ping	Naturally Dr	iven
		300mm to bar 	rel of pipe		
12	00 min.	— 80mm c20	blinding	Project	
preca	st manhole de	etail -		PROPOSED DEVELO	PMENT AT
t	ype c			DREHID WAS	TE
und leve	el to soffit of pipe	1.0 - 1.45m		MANAGEMENT FA	ACILITY
				Title	
er nine —				TYPICAL MANH	IOLE
tei pipe —				DETAILS	0
				Scale @ A1 1.25	1
/				Prepared by: Checked	Date:
		····		M. Nolan A. Austin	December 2017
	//		١	Project Director: D Grehan	
				Drawing Status: Diaming	
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$\langle \rangle$				Dublin 15, Ireland.	
ps. // \	\swarrow			iei: +353-(0)1-8030406 fax:+353-(0)1-8030409	
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\checkmark .'	of k	penching be 225mm		TOBIN Consulting Engineers will not be liable for any use of this	document for
				any purpose other than that for which it was originally prepared Except where specifically and explicitly agreed in writing by TOBIN Engineers, as copyright holder, no part of this document may be transmitted in any form and this document shall not be relied up	Consulting reproduced or pon by any third
Plan	on manhole	type b		Drawing No.: 8108-20	52 A

	AIR VALVE CHAMBER DIMENSIONS							
PIPE DIA (mm)	CHAMBER WIDTH (W)	CHAMBER LENGTH (L)	DEPTH OF COVER TO PIPE (H)					
150	510	690	900					
250	510	690	900					
300	600	720	1050					
400	800	800	1050					
450	800	800	1050					
500	1000	1000	1050					
600	1200	1200	1300					

PLAN ON COVER SLAB

	HYDRANT CHAMBER DIMENSIONS						
VALVE DIA. (mm)	CHAMBER WIDTH (W)	CHAMBER LENGTH (L)	DEPTH OF COVER TO PIPE (H)	CLEAR OPE. SURFACE BOX (mm)			
50	390	720	900	375x225			
80	460	960	900	575x300			
100	460	960	900	575x300			
150	920	1500	900	900x600			

	SLUICE VALVE CHAMBER DIMENSIONS						
VALVE DIA. (mm)	CHAMBER WIDTH (W)	CHAMBER LENGTH (L)	DEPTH OF COVER TO PIPE (H)				
80	280	560	900				
100	310	560	900				
150	410	610	900				
200	460	610	900				
250	510	690	900				
300	600	720	1060				
400	800	800	1060				

PLAN ON COVER SLAB

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100mm	0m	400mm	800mm	1.2m

A	Dec. '17	PLANNING ISSUE	MN	DC
Rev	Date	Description	Ву	Chkd.

Bord Client: **Naturally Driven**

Project:

PROPOSED DEVELOPMENT AT DREHID WASTE MANAGEMENT FACILITY

Title:

TYPICAL WATERMAIN DETAILS

SECTION B-B

NOTES

Title:

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

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A	Dec. '17		PLANNING I	SSUE	MN	DC
Issue	Date		Descriptio	n	Ву	Chkd.

DREHID WASTE MANAGEMENT FACILITY

> WHEELWASH STANDARD DETAILS

A	Dec. '17	PLANNING ISSUE	MN	DC
Issue	Date	Description	Ву	Chkd.

CHAINLINK TIMBER POST FENCE

<u>TYPICAL ARRANGEMENT FOR STEEL</u> <u>PALISADE/PALLIDINE FENCE</u>

TYPICAL ARRANGEMENT FOR STEEL PALISADE/PALLIDINE GATE

<u>NOTES:</u> 1. FIGUE FROM 2. ALL D CONT 3. ENGII	RED DIMENSIONS ONLY 1 THIS DRAWING. DRAWINGS TO BE CHEC TRACTOR ON SITE NEER/EMPLOYERS REF	Y TO BE TAKEN KED BY THE RESENTATIVE, AS
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)m 1m 2	2m 3m
	PLANNING ISSUE	MN DC
A Dec. '17		
A Dec. '17 Issue Date	Description	By Chkd.
A Dec. '17 Issue Date Client:	Description ORD(NAM Naturally Dr	By Chkd.
A Dec. '17 Issue Date Client: B Project: PROPO MA Title:	Description Description ORDNAM Naturally Dr DSED DEVELO DREHID WAS NAGEMENT FA	By Chkd.
A Dec. '17 Issue Date Client: B Project: PROPO MA Title: TYPI	Description Description ORDNAM Naturally Dr DSED DEVELO DREHID WAS NAGEMENT FA	By Chkd.
A Dec. '17 Issue Date Client: B Project: PROPO MA Title: TYPI Scale @ A1:	Description Description ORDENAN Naturally Dr DSED DEVELO DREHID WAS NAGEMENT FA CAL FENCING 1:50	By Chkd.
A Dec. '17 Issue Date Client: B Project: PROPO MA Title: TYPI Scale @ A1: Prepared by: M. Nolan Project Direct	Description	By Chkd.
A Dec. '17 Issue Date Client: B Project: PROPO MA Title: TYPI Scale @ A1: Prepared by: M. Nolan Project Direct	Description	By Chkd.
A Dec. '17 Issue Date Client: B Project: PROPO MA Title: TYPI Scale @ A1: Prepared by: M. Nolan Project Direct Consulting, C Block 10-3, Bl Dublin 15, Irel tel: +353-(0)1 e-mail: info@t	Description	By Chkd.

INVERT LEVEL 🤝

375Ø FOUL SEWER INLET PIPE FROM F6

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A	Dec. '17		PLANNING I	SSUE	MN	DC
Rev	Date		Descriptio	on	By	Chkd.

SURFACE & PROCESS WATER PUMP STATION PLAN & SECTIONS

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A	Dec. '17	PLANNIN	IG ISSUE	MN	DC
Rev	Date	Descr	iption	Ву	Chkd.

Project:

Title:

PROPOSED DEVELOPMENT AT DREHID WASTE MANAGEMENT FACILITY

> TYPICAL FIRE MAIN PUMP SET AND OIL INTERCEPTOR DETAILS

Α

Date:

December 2017

- polyurethane pipe

A Dec. '17 PLANNING ISSUE MN DC Rev Date By Chkd. Description

Client: BORD MÁÓNA

Drawing No.: 8108-2062

Naturally Driven

- THOROUGH CHECK FOR THE ACTUAL LOCATION OF ALL SERVICES/UTILITIES, ABOVE AND BELOW GROUND, BEFORE ANY WORK COMMENCES
- 5. ALL LEVELS SHOWN RELATE TO ORDNANCE
- SURVEY DATUM AT MALIN HEAD

0m 0.5m 1m

1.5m

0.5m

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SCHEMATIC DETAIL OF LANDFILL GAS CONDENSATE TRAP (NTS)

EPA Export 22-12-2018:04:15:18

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Block 10-4, Blanchardstown Corporate Park,

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MANAGEMENT FACILITY

Naturally Driven Project:

Client:

PROPOSED DEVELOPMENT AT

BORDMÁNA

A Dec. '17 DC PLANNING ISSUE MN Description By Chkd. Rev Date

SURVEY DATUM AT MALIN HEAD

WORK COMMENCES 5. ALL LEVELS SHOWN RELATE TO ORDNANCE

- LOCATION OF ALL SERVICES/UTILITIES,

- THOROUGH CHECK FOR THE ACTUAL
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- 250mm Access port to permit pump installation & maintenance
- 250mm O.D SDR17
- 63Ø HDPE SDR11 Pipe to protect valve spindles
- PN 16 Backing ring and

Butterfly valve (worm gear drive) complete with fasteners and edpm 'o' ring/gasket

