

SECTION 2-2

#### LEGEND:

EXISTING GROUND PROFILE

### NOTES:

- 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
  6. FOR LOCATION OF SECTIONS REFER TO DRG. NO: 6301 2302



Cllent:

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DREHID MECHANICAL BIOLOGICAL TREATMENT (MBT) FACILITY

LONGITUDINAL SECTIONS THROUGH EXISTING TOPOGRAPHY

Scale @ A3: H; 1:2,500 / V; 1:250

Prepared by: M. Nolan

March 2012 D. Conneran

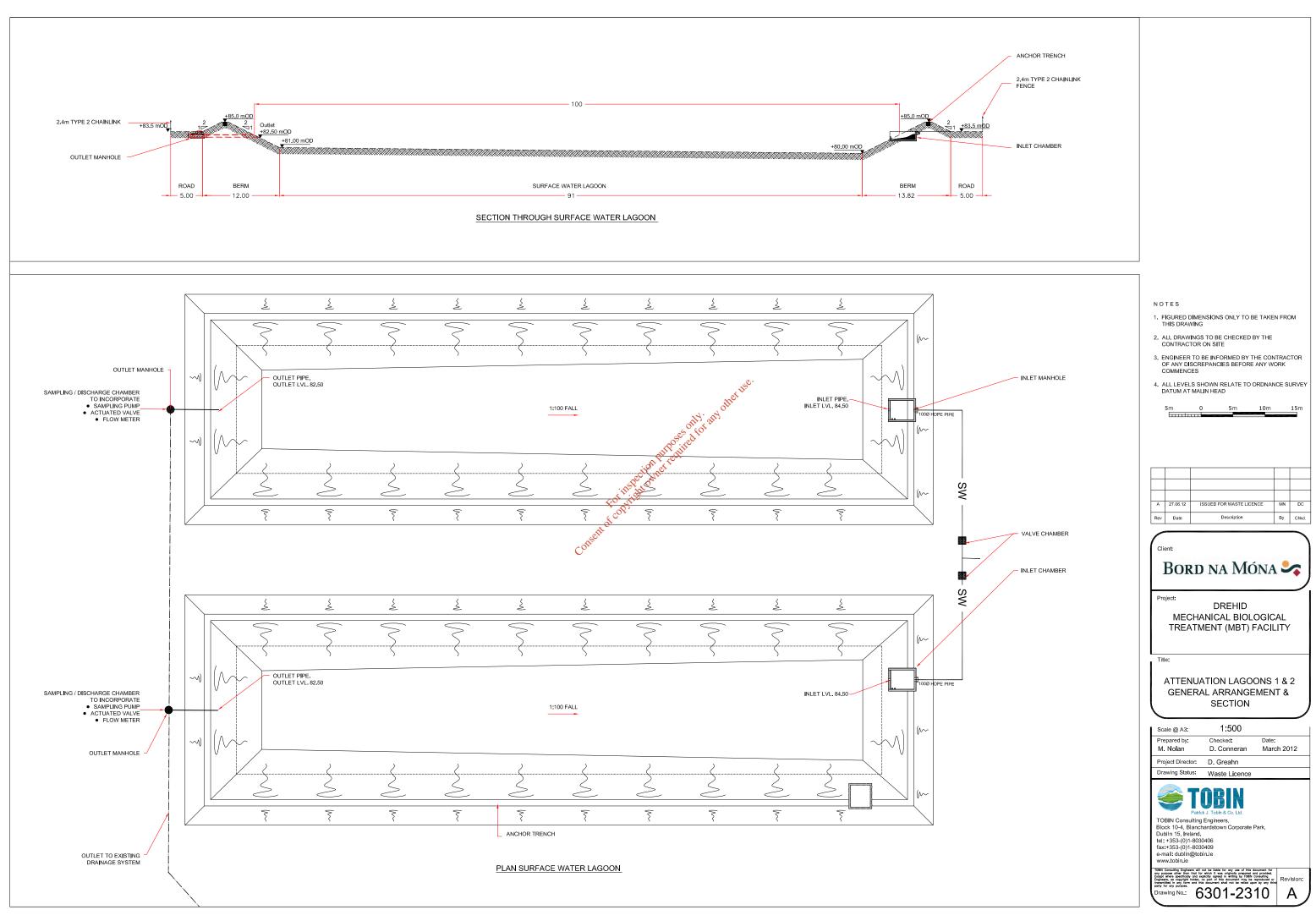
Project Director: D. Grehan

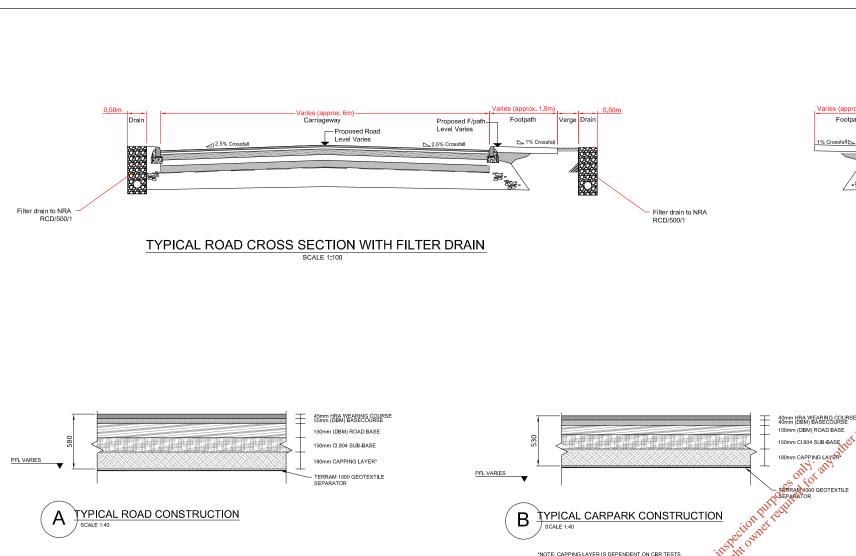


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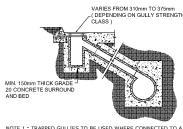
Drawing No.: 6301-2309



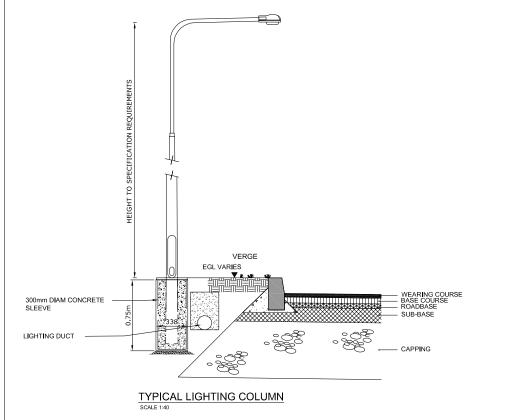


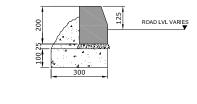


### TYPICAL ROAD CROSS-SECTION



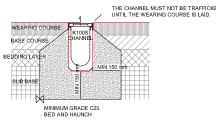




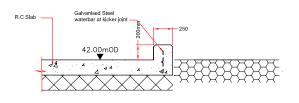


TYPE 2 - EDGE RESTRAINT CARPARK/LIGHT VEHICLES

TYPICAL EDGE RESTRAINT DETAILS SCALE 1:20



**INSTALLATION EXAMPLE** FLEXIBLE PAVEMENT



BUND WALL DETAIL SURROUNDING HARDSTAND & SRF STORAGE AREA Scale 1:25

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

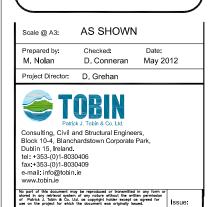




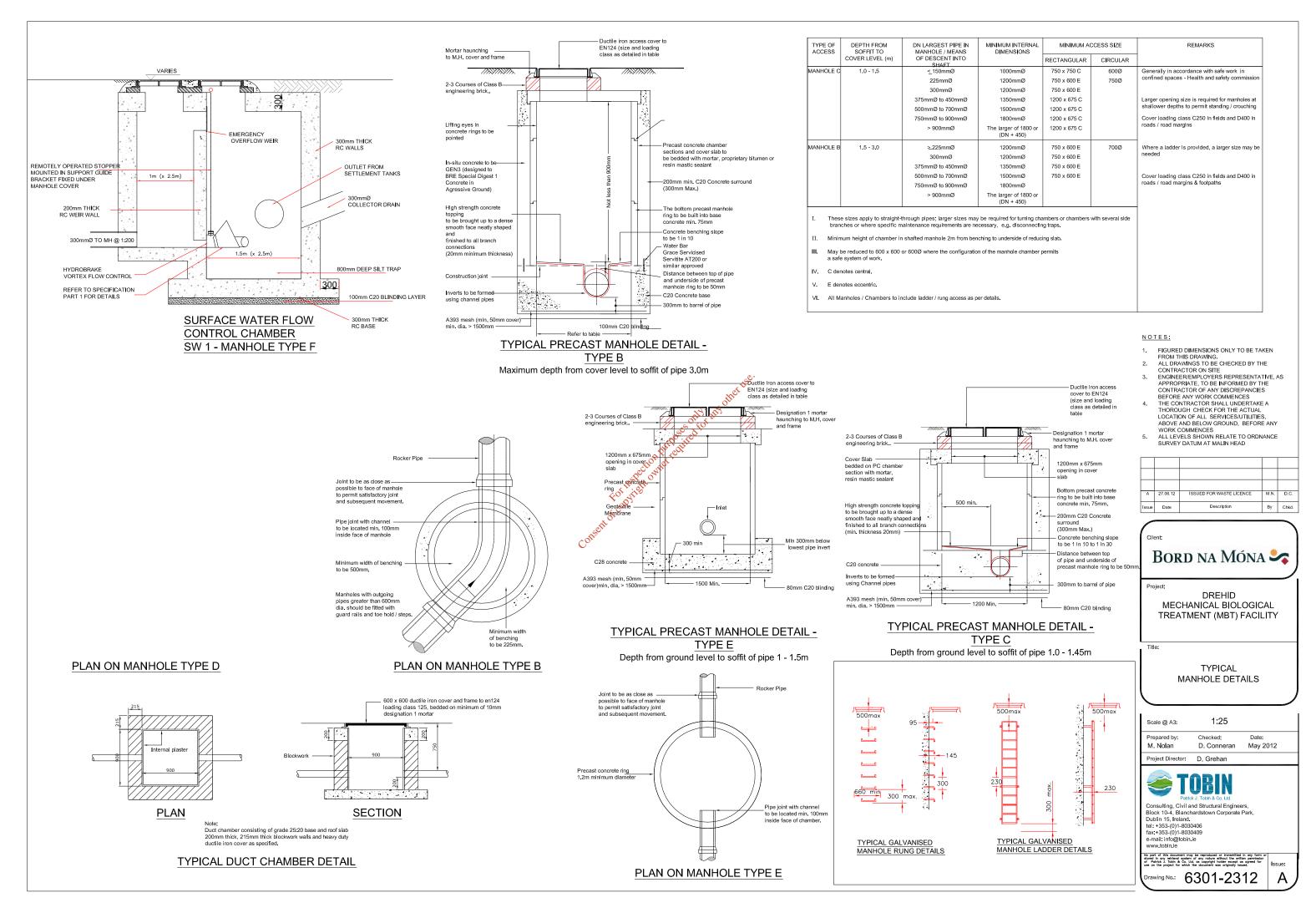
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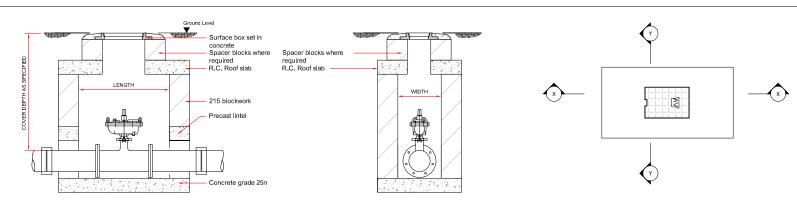
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TYPICAL ROAD & CARPARK CONSTRUCTION DETAILS



rawing No.: 6301-2311





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			

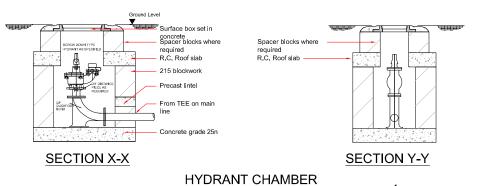
# SECTION X-X

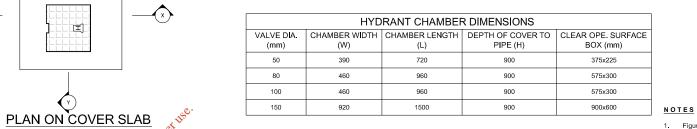


### PLAN ON COVER SLAB

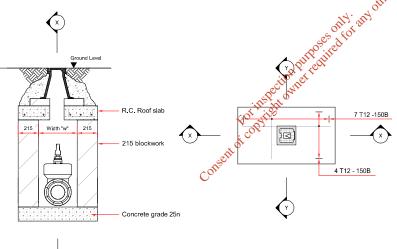
E

# AIR VALVE CHAMBER





			HYDRAN <sup>*</sup>
		Y	Level
	400		Surface box set in concrete
	Depth "h" 150	215 Length "I" 215	R.C. Roof slab
Vj coupling	Flanged Adapter		— 215 blockwork — Precast lintel
	2		<u> </u>
	150		— Concrete grade 25n
			Note Concrete floor to chamber



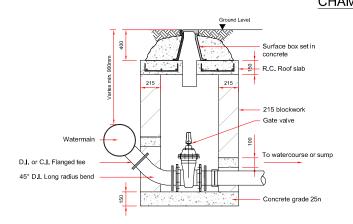
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	SLUICE VALVE CHAMBER DIMENSIONS				
VALVE DIA. (mm)	CHAMBER WIDTH (W)	CHAMBER LENGTH (L)	DEPTH OF COVER TO PIPE (H)		
80	280	560	900		
100	310	560	900		
150	410	610	900		
200	460	610	900		
250	510	690	900		
300	600	720	1060		
400	800	800	1060		

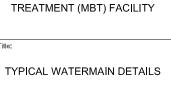


## SECTION Y-Y

PL	AN.	ON	COVER SLAB	
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TYPE 1 SCOUR CHAMBER (TO BE USED WHERE THERE IS A NEARBY LOW LEVEL



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MECHANICAL BIOLOGICAL

1. Figured dimensions only to be taken from this drawing.

2. All drawings to be checked by The Contractor on site. The Engineer to be informed by The Contractor of any

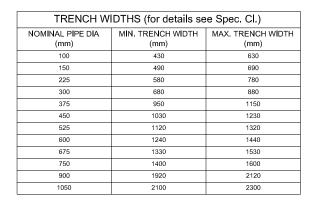
Issue Date

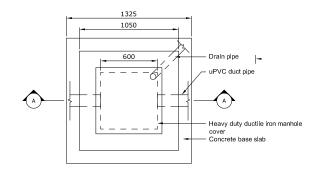




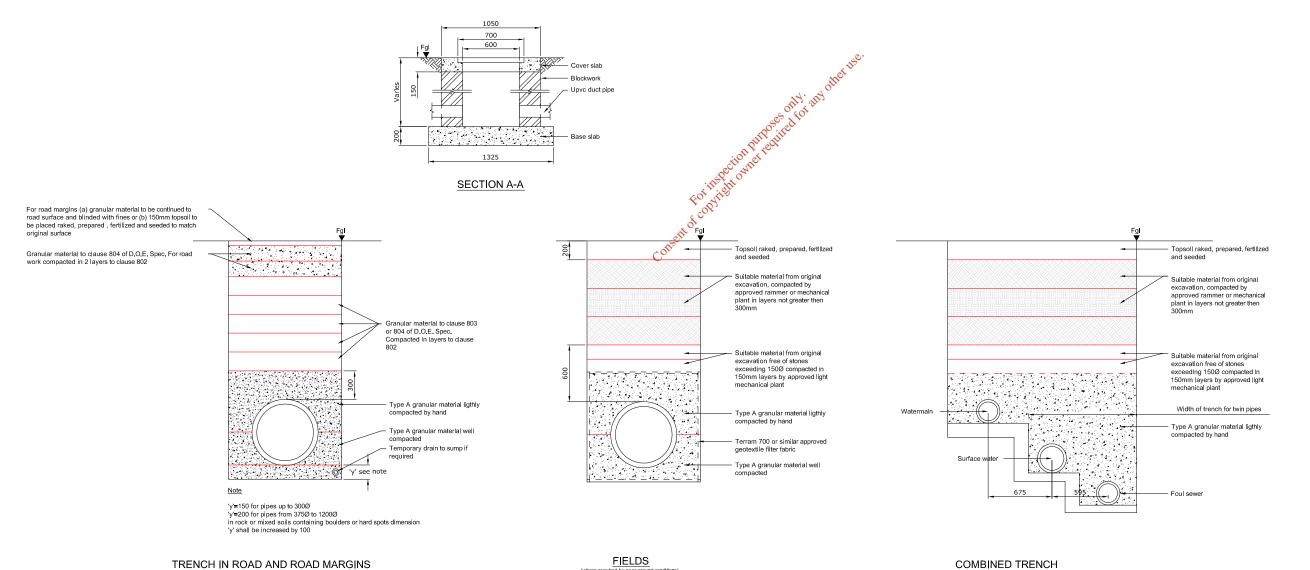
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rawing No.: 6301**-**2313





#### PLAN ON DUCT CHAMBER



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TRENCH BEDDING DETAILS

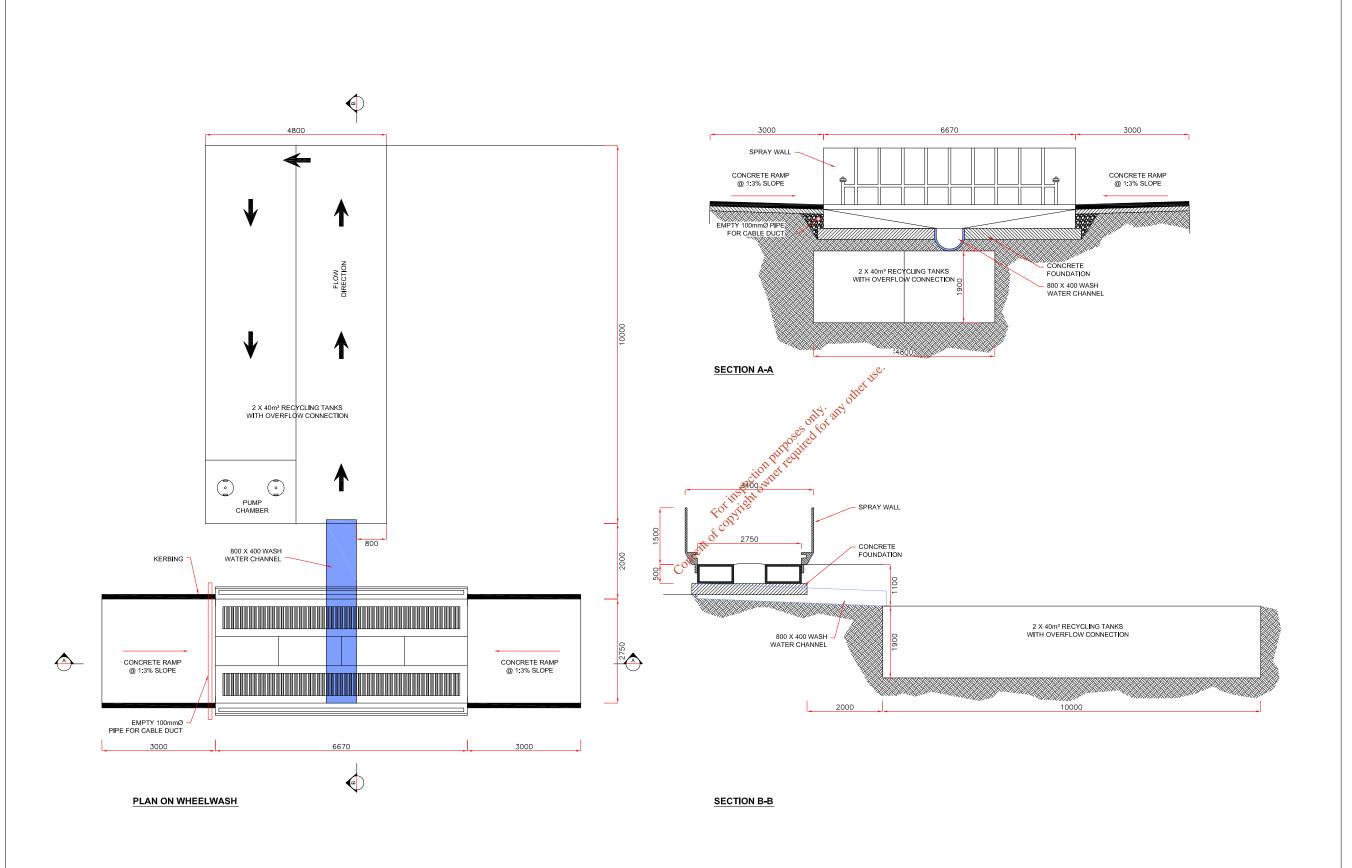
1:40 M. Nolan March 2012 D. Conneran



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NOTES

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DREHID MECHANICAL BIOLOGICAL TREATMENT (MBT) FACILITY

STANDARD WHEELWASH DETAILS

1:100 Prepared by: M. Nolan May 2012 D. Conneran



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