

Tunnel Tech North Ltd

Planning Application incorporating
new buildings to capture (for
treatment of emissions) the storage
and handling of raw materials and
the handling of compost during the
phase 1 stage of mushroom
composting

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Head of Compost
Monaghan Mushrooms Group

Current situation

- Meetings ongoing between BDC and TTN
- Acknowledgement of more work to be done
- Proposals from TTN for outdoor activities
- Involvement of experts ADAS and Odournet around same table with BDC and TTN
- Inclusion of future developments
- Planning Application

Outdoor Activities

Handling of Chicken Litter

Delivery into storage
Handling in storage
Application into process

Bunker Emptying

Open bunker doors
Transfer across to Hopper
Building

Existing Storage of Chicken Litter



Application Hopper for Chicken Litter



Bunker Emptying and Refilling Area



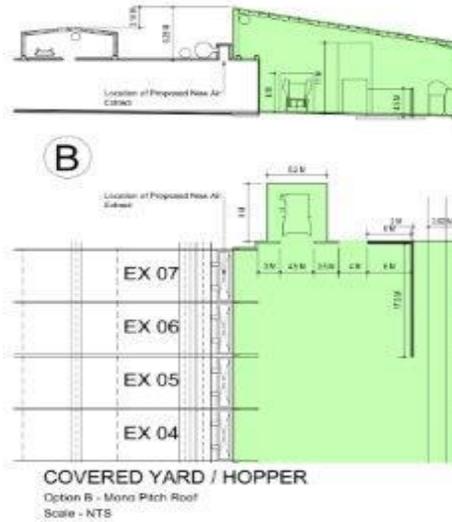
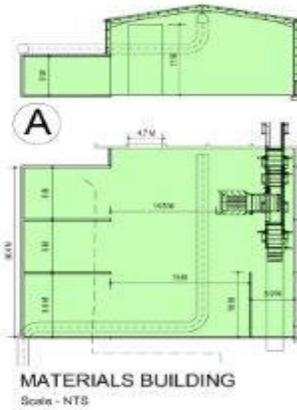
Collection ductwork and acid scrubber



Developments for existing facility

Appendix 1 - Drawings

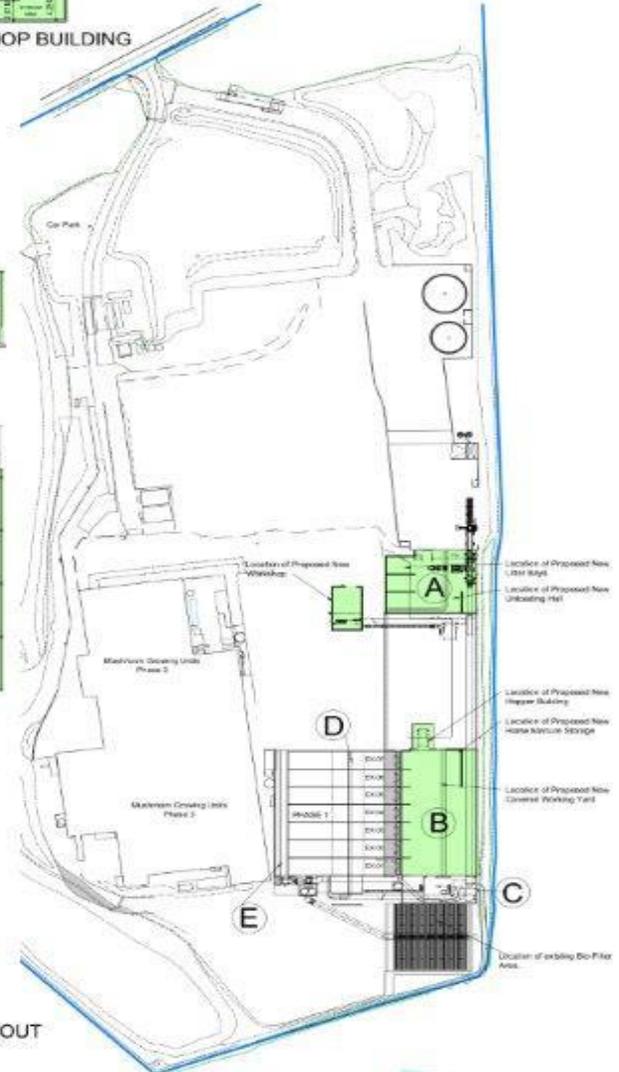
- Key:
- A** Chicken Litter Storage & Handling
 - B** Phase 1 Bunkers Working Area
 - C** Hopper Building
 - D** Bunker Roof Building
 - E** Bunker Extraction To Abatement



<p>Project Name: Tunnel Tack North</p> <p>Project Reference: TTN-006-A</p> <p>Project Date: 14-09-2015</p> <p>Project Location: B Thonlan</p>	
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<p>monaghan</p> <p>Engineering & Construction</p> <p>100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200</p>	



PART SITE LAYOUT
Scale 1:750



Bunker Emptying and Refilling area

Phased Approach

- Additional extraction at the front of the bunkers to reduce emissions out of open doors
- High roof over entire area with extraction system
- Galebreaker doors on sides of building
- Fully enclosed (enshrined in planning)
- Agreed method of assessing effectiveness

3D view

07 Gable Cladding to match at both ends of Proposed Working Hall Building

01 Extraction Duct from Transfer Canopy including full length of building

02 New enlarged Manifold Duct to accommodate higher air flow

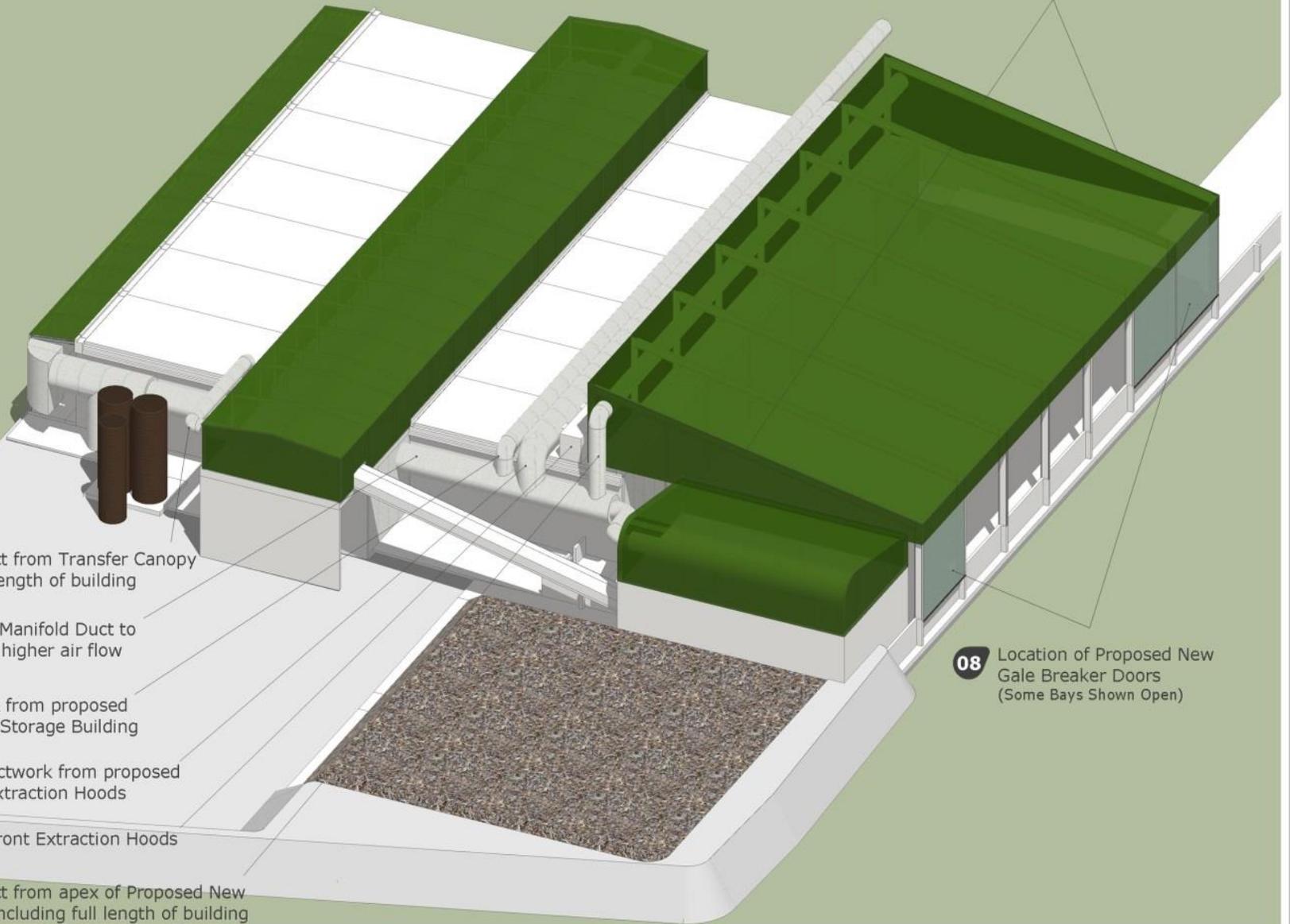
03 New Ductwork from proposed new Materials Storage Building

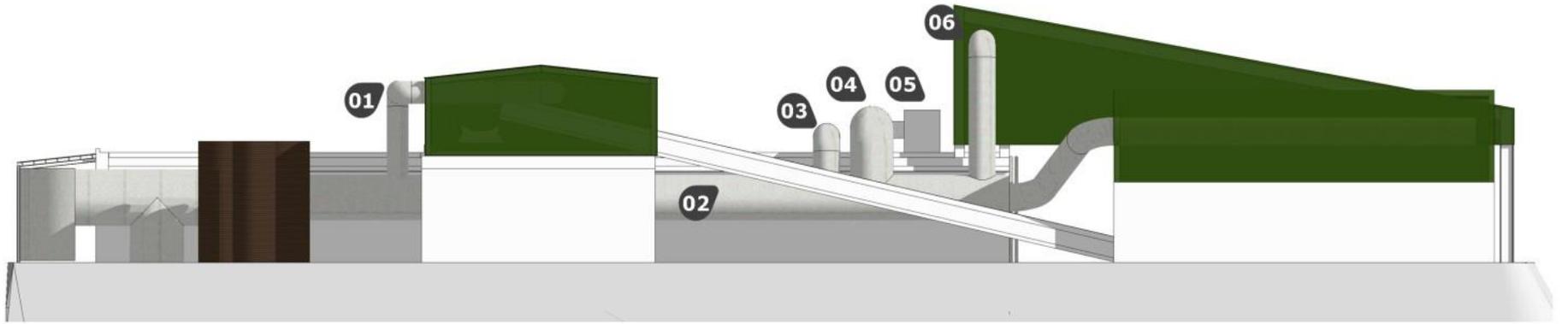
04 New Large Ductwork from proposed new Bunker Extraction Hoods

05 New Bunker Front Extraction Hoods

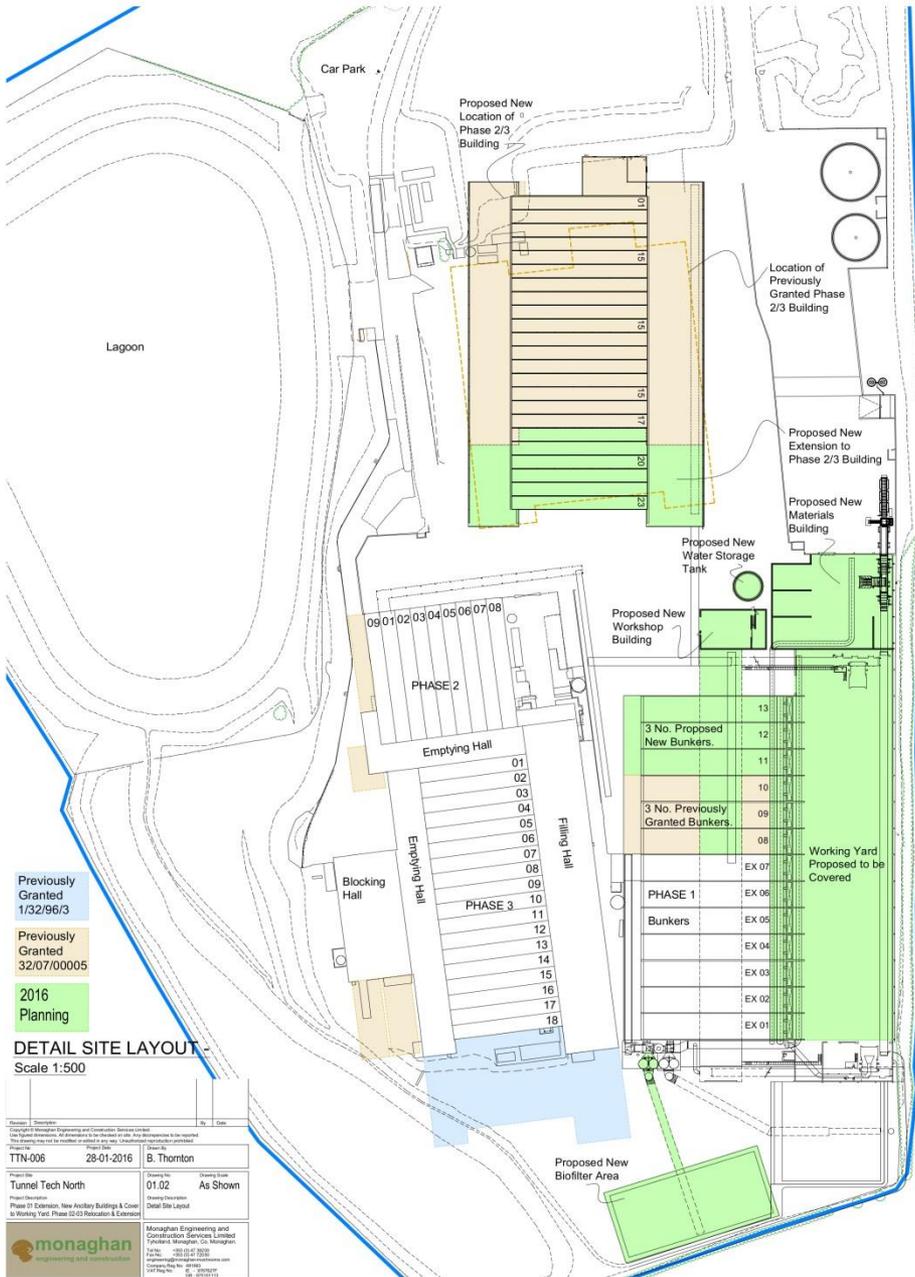
06 Extraction Duct from apex of Proposed New Working Hall including full length of building

08 Location of Proposed New Gale Breaker Doors (Some Bays Shown Open)





Elevations

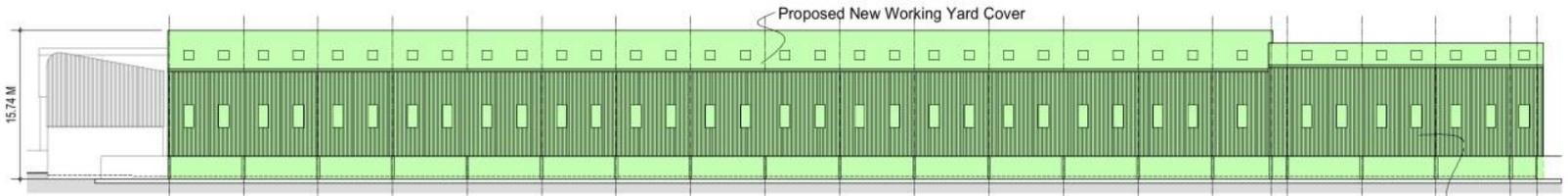


Overview of Site Development

Revised	Description	By	Date
TTN-006	28-01-2016	B. Thornton	

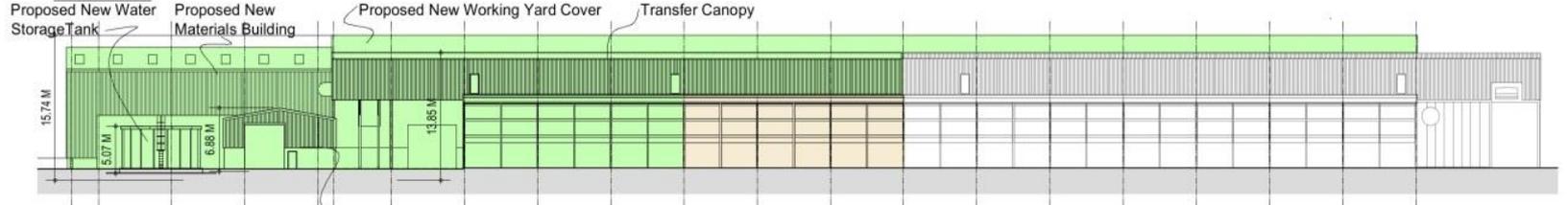
Project Name	Tunnel Tech North	Project Location	Phase 2/3 Extension - New Auxiliary Buildings & Car to Working Yard - Phase 2/3 Extension & Extension
Project Description	Phase 2/3 Extension - New Auxiliary Buildings & Car to Working Yard - Phase 2/3 Extension & Extension	Drawing Description	Detail Site Layout

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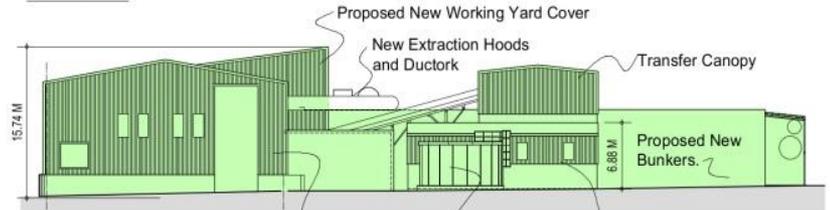
ELEVATION 1-1 - West

Scale 1:250



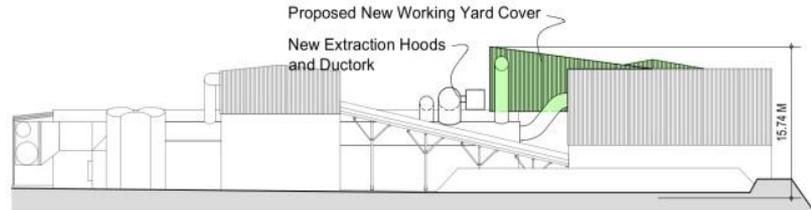
ELEVATION 2-2 - East

Scale 1:250



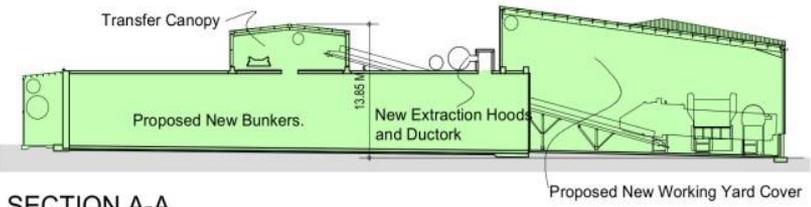
ELEVATION 3-3 - South

Scale 1:250



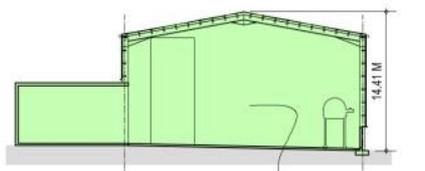
ELEVATION 4-4 - North

Scale 1:250



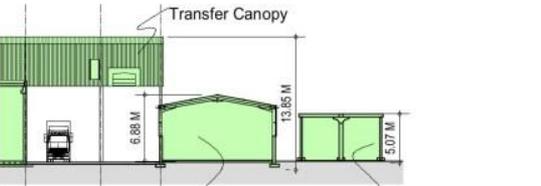
SECTION A-A

Scale 1:250



SECTION B-B

Scale 1:250



SECTION C-C

Scale 1:250

FINISHES
 Cast in-situ concrete walls, grey in colour, set into
 Galvanised steel portal structure, grey in colour, with
 Tegral PGR roof cladding and side sheeting, green in colour.

LEGEND		
Previously Granted - 32/07/00005		
Proposed Planning Development		
Revision	Description	By Date

Project No. TTN-006	Project Date 28-01-2016	Drawn By B. Thornton
Project Site Tunnel Tech North	Drawing No. 03.02	Drawing Scale As Shown
Project Description Phase 01 Extension, New Ancillary Buildings & Cover to Working Yard - Phase 02-03 Relocation & Extension		
Drawing Description Phase 01 Bunker Complex Elevators & Sections - Ground		

monaghan
engineering and construction

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Biofilter replacement

