

Notes

Proposed Alterations:
1. Extend entire building rearwards by 20 metres, and stepped in by 2 metres, using steel portal frames and super-structure as described and detailed by Engineer's drawings.
2. Incorporate roof lights, roller shutter door and emergency egress door to new extension.
3. Glad walls and roof of existing building and new extension in colour-coated composite steel panels (see below for details) incorporating matching stormwater collection system with contrasting colour trm details (to be decided), all to be fixed in strict accordance with manufacturer's recommendations.
4. Replace existing windows to match new in colour-coated aluminum.

Beams
Supply and install all structural elements such as beams, roof structure, floor structure, bearings, and padstones in accordance with the Structural Engineer's calculations and details. New steel beams to be encased in 12.5mm Gyproc FireLine board with staggered joints, Gyproc FireCase or painted in Nullfire 5 or similar intumescent paint to provide 1/2 hour fire resistance as agreed with Building Control. All fire protection to be installed as detailed by specialist manufacturer.

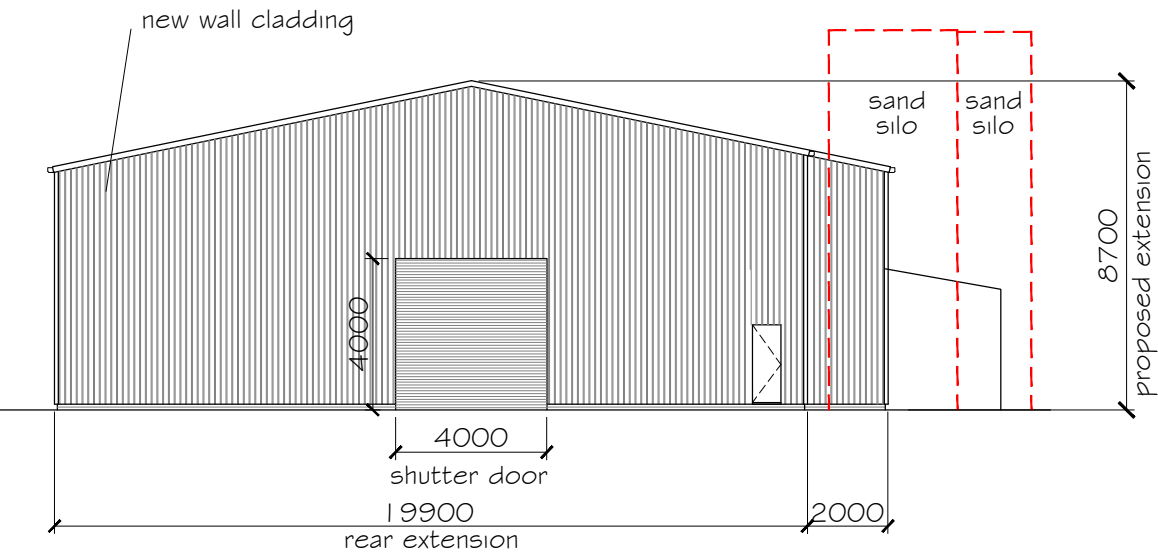
Conservation of Energy
Proposed extension to be an unheated space, but thickness of panels to comply with the requirements of current Building Regulations Part L and manufacturer's recommendations.

Materials & Finishes
Existing factory walls and new extension walls: Fix Kingspan KS1000 RW or KS2000 RW Trapezoidal colour-coated composite steel panels with contrasting colour penmeter trims.
Existing factory roof: Retain roof covering.
Existing roof and new extension roof: Fix Kingspan KS1000 RW or KS2000 RW Trapezoidal colour-coated composite steel panels with contrasting colour penmeter trims.

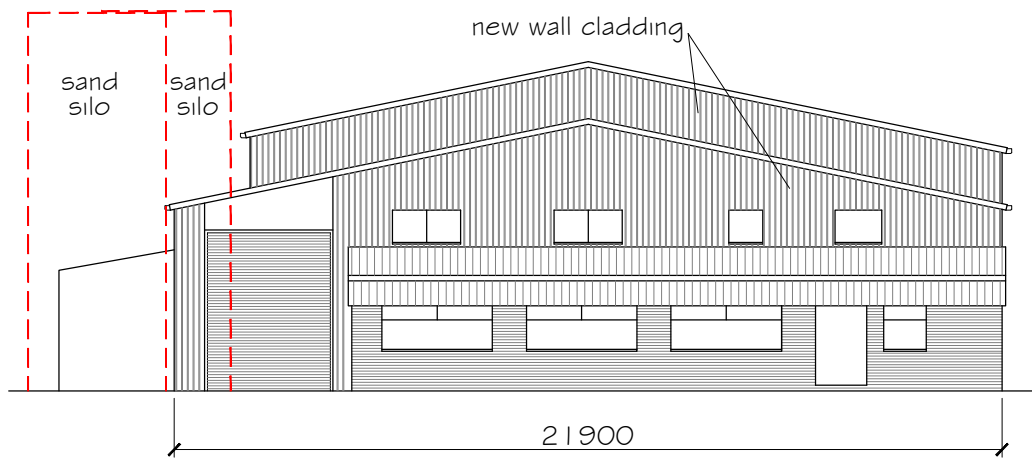
Stormwater Drainage & Inspection Chambers.
All new wall and roof paneling to incorporate matching stormwater gutters (with weir overflows fitted to gutter ends) and downpipe system.
Stormwater taken to existing SW drain via 110mm dia UPVC pipes, laid to a minimum fall of 1:80, surrounded in 150mm granular fill. Inspection chambers to be fitted with covers capable of withstanding the loading of heavy goods vehicles.

Lighting & Electrical Work
New high-bay lighting to be of low energy type (layout to be decided)
All electrical work required to meet the requirements of Part P (electrical safety) must be designed, installed, inspected and tested by a competent person registered under a competent person self certification scheme such as BRE certification Ltd, BSI, NICEIC Certification Services or Zunch Ltd. An appropriate BS7671 Electrical Installation Certificate is to be issued for the work by a person competent to do so. A copy of a certificate will be given to Building Control on completion.

Roller Shutter Door
New roller shutter door to be electrically operated and finished in factory applied powder coat (colour to be decided).



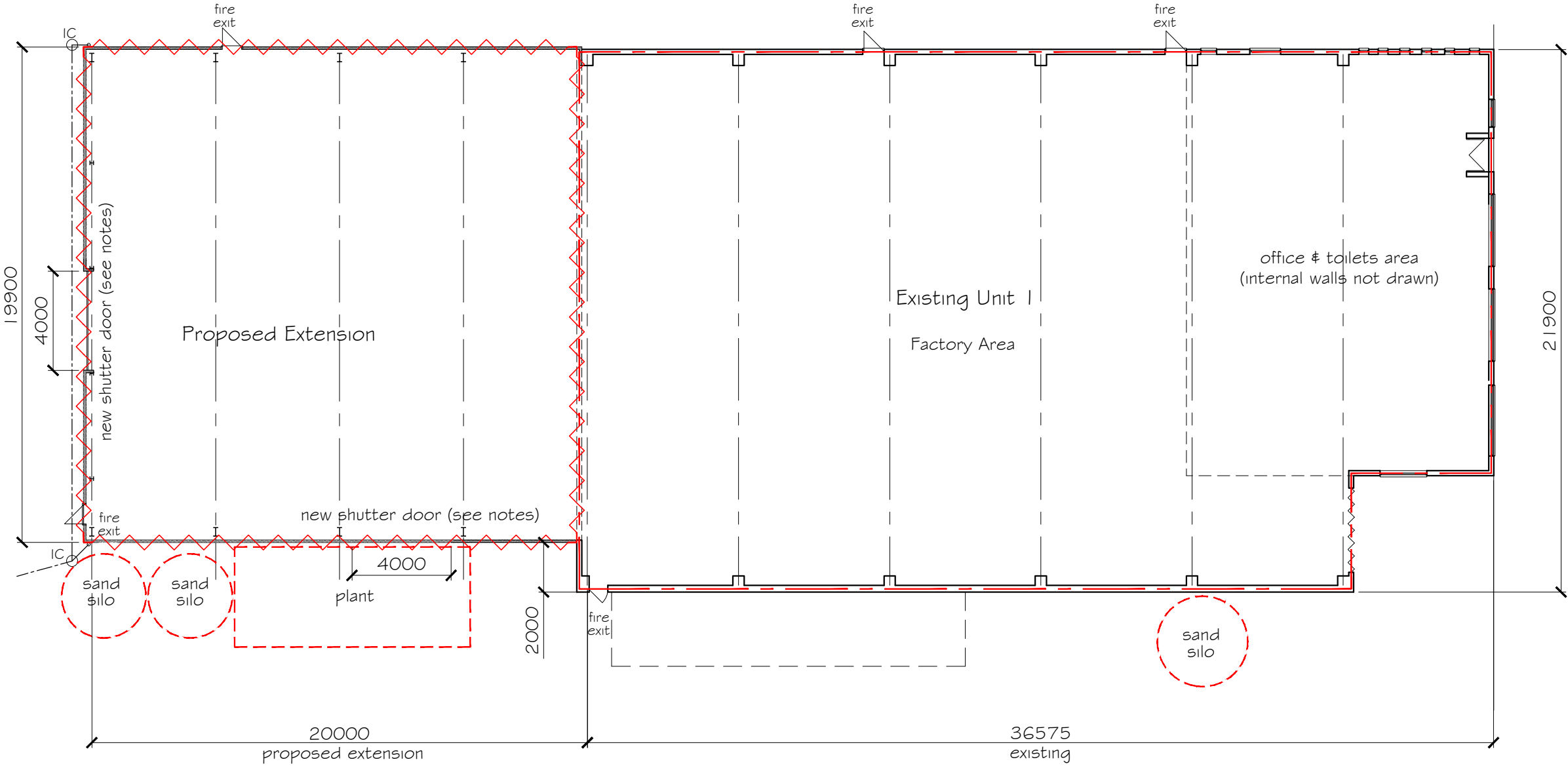
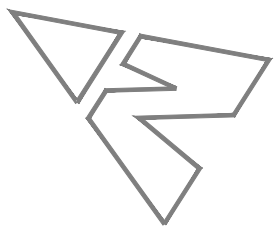
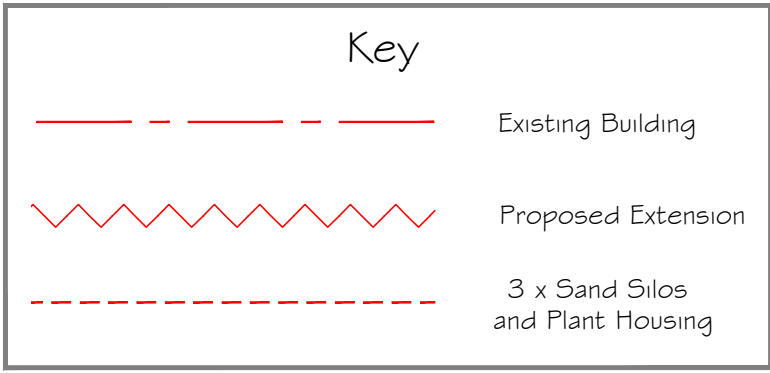
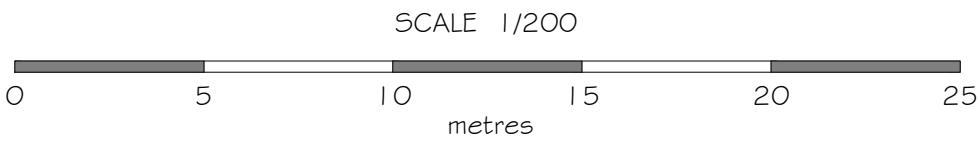
Rear (NW) Elevation (Proposed)
(Scale 1:200)



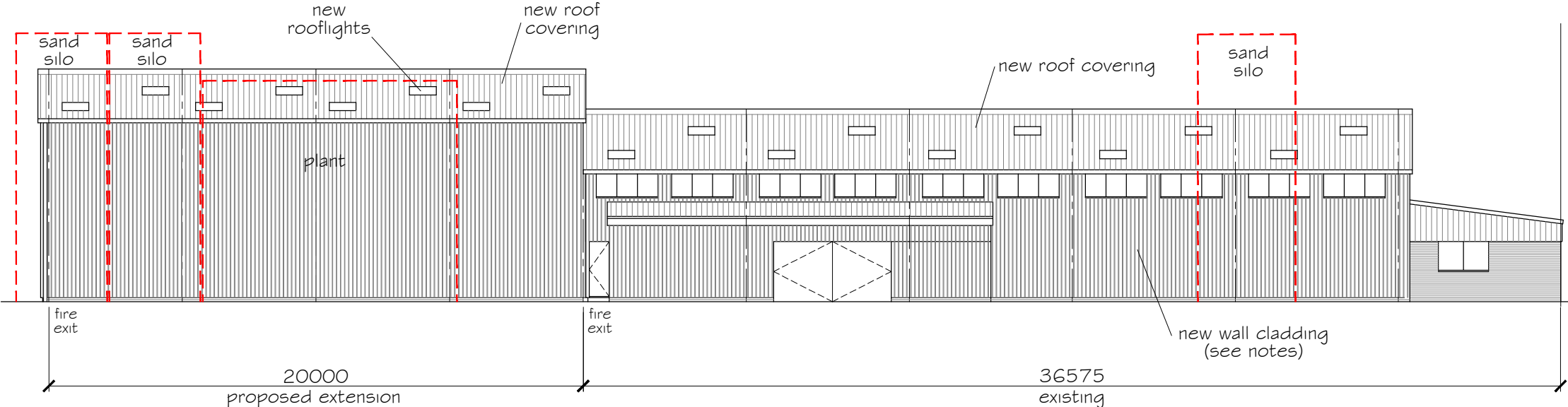
Front (SE) Elevation
(Scale 1:200)

Proposed

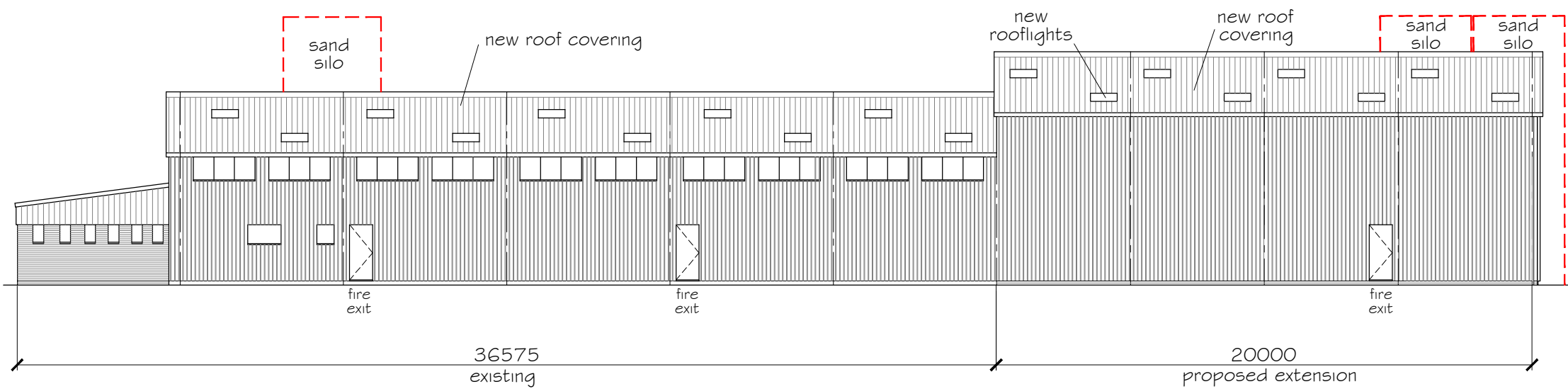
Proposed Plans & Elevations (Scale 1/200)



Ground Floor Plan
(Scale 1:200)



Side (SW) Elevation
(Scale 1:200)



Side (NE) Elevation
(Scale 1:200)

For Plans and Elevations - Existing
and Site & Location Plans
see Drg 19-01-01

Rev	Change	Date
A	Sand Silos & Plant Housing added. Width of proposed extension reduced. Proposed extension fire door relocated. Perimeter of existing building and proposed extension highlighted. Key added. Notes revised.	31/1/19

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Project: Proposed Extension

Title: Plans and Elevations - Proposed and Notes

Date: Jan 2019	Scale: 1:200
Shr Size: A1	Drg No: 19-01-02
Rev: A	