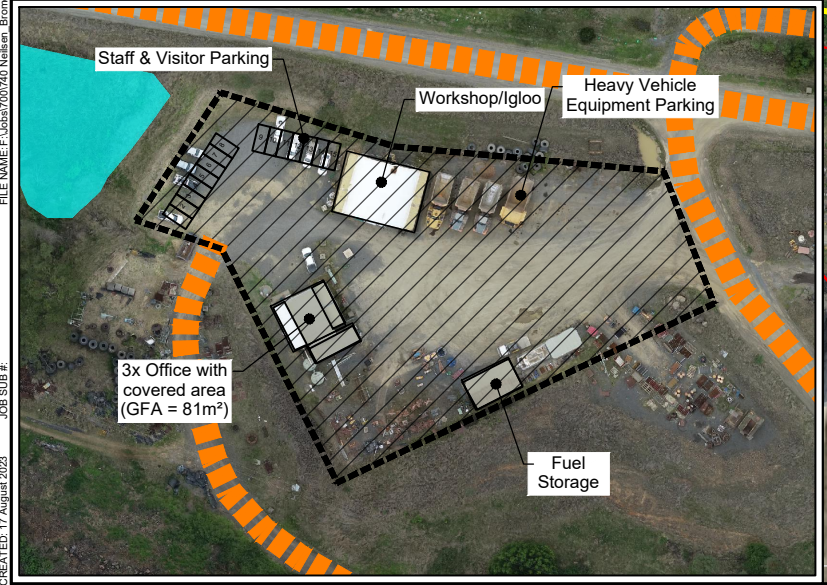
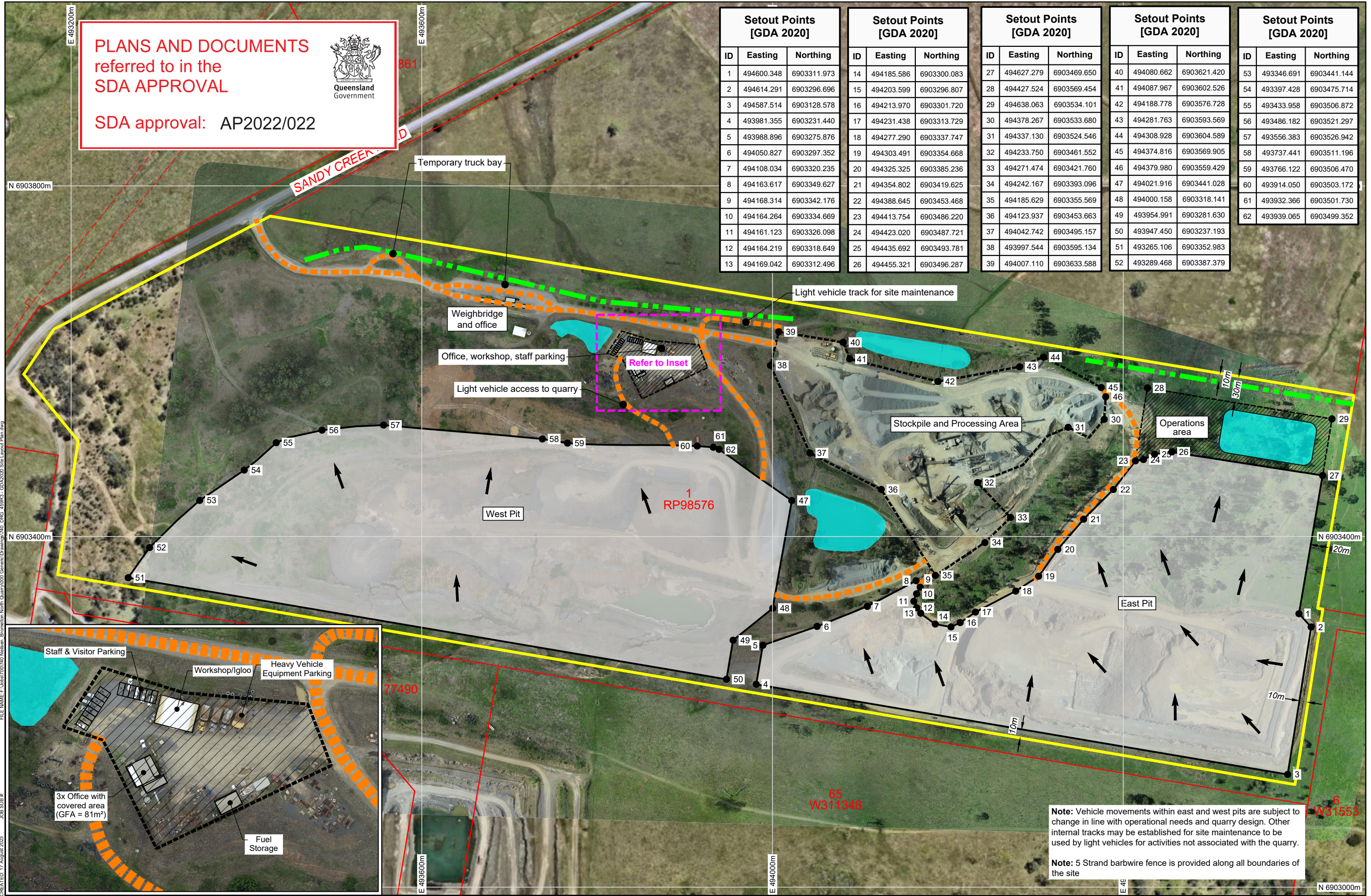


PLANS AND DOCUMENTS referred to in the SDA APPROVAL



SDA approval: AP2022/022

| Setout Points [GDA 2020] | | | Setout Points [GDA 2020] | | | Setout Points [GDA 2020] | | | Setout Points [GDA 2020] | | | Setout Points [GDA 2020] | | |
|--------------------------|------------|-------------|--------------------------|------------|-------------|--------------------------|------------|-------------|--------------------------|------------|-------------|--------------------------|------------|-------------|
| ID | Easting | Northing | ID | Easting | Northing | ID | Easting | Northing | ID | Easting | Northing | ID | Easting | Northing |
| 1 | 494600.348 | 6903311.973 | 14 | 494185.586 | 6903300.083 | 27 | 494627.279 | 6903469.650 | 40 | 494080.662 | 6903621.420 | 53 | 493346.691 | 6903441.144 |
| 2 | 494614.291 | 6903296.696 | 15 | 494203.599 | 6903296.807 | 28 | 494427.524 | 6903569.454 | 41 | 494087.967 | 6903602.526 | 54 | 493397.428 | 6903475.714 |
| 3 | 494587.514 | 6903128.578 | 16 | 494213.970 | 6903301.720 | 29 | 494638.063 | 6903534.101 | 42 | 494188.778 | 6903576.728 | 55 | 493433.958 | 6903506.872 |
| 4 | 493981.355 | 6903231.440 | 17 | 494231.438 | 6903313.729 | 30 | 494378.267 | 6903533.680 | 43 | 494281.763 | 6903593.569 | 56 | 493486.182 | 6903521.297 |
| 5 | 493988.896 | 6903275.876 | 18 | 494277.290 | 6903337.747 | 31 | 494337.130 | 6903524.546 | 44 | 494308.928 | 6903604.589 | 57 | 493556.383 | 6903526.942 |
| 6 | 494050.827 | 6903297.352 | 19 | 494303.491 | 6903354.668 | 32 | 494233.750 | 6903461.552 | 45 | 494374.816 | 6903569.905 | 58 | 493737.441 | 6903511.196 |
| 7 | 494108.034 | 6903320.235 | 20 | 494325.325 | 6903385.236 | 33 | 494271.474 | 6903421.760 | 46 | 494379.980 | 6903559.429 | 59 | 493766.122 | 6903506.470 |
| 8 | 494163.617 | 6903349.627 | 21 | 494354.802 | 6903419.625 | 34 | 494242.167 | 6903393.096 | 47 | 494021.916 | 6903441.028 | 60 | 493914.050 | 6903503.172 |
| 9 | 494168.314 | 6903342.176 | 22 | 494388.645 | 6903453.468 | 35 | 494185.629 | 6903355.569 | 48 | 494000.158 | 6903318.141 | 61 | 493932.366 | 6903501.730 |
| 10 | 494164.264 | 6903334.669 | 23 | 494413.754 | 6903486.220 | 36 | 494123.937 | 6903453.663 | 49 | 493954.991 | 6903281.630 | 62 | 493939.065 | 6903499.352 |
| 11 | 494161.123 | 6903326.098 | 24 | 494423.020 | 6903487.721 | 37 | 494042.742 | 6903495.157 | 50 | 493947.450 | 6903237.193 | | | |
| 12 | 494164.219 | 6903318.649 | 25 | 494435.692 | 6903493.781 | 38 | 493997.544 | 6903595.134 | 51 | 493265.106 | 6903352.983 | | | |
| 13 | 494169.042 | 6903312.496 | 26 | 494455.321 | 6903496.287 | 39 | 494007.110 | 6903633.588 | 52 | 493289.468 | 6903387.379 | | | |



Note: Vehicle movements within east and west pits are subject to change in line with operational needs and quarry design. Other internal tracks may be established for site maintenance to be used by light vehicles for activities not associated with the quarry.

Note: 5 Strand barbwire fence is provided along all boundaries of the site

| REV | DESCRIPTION | DATE | BY |
|-----|--|------------|-----|
| 1 | Added Barbwire Fence and Tree plantations, Revised Changes | 28-03-2023 | KJB |
| 2 | Annotation revised | 05-07-2023 | MR |
| 3 | Revised legend: Sediment basin added | 17-08-2023 | JWV |

Data Sources:
 Photography: Groundwork Plus RPA Survey, Captured 2022-07-26
 Topography: Cadastre: © The State of Queensland (DNRME) 2022
 Ecosystem: Other: Background Photography: © The State of Queensland (DNRME) 2019

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Legend:

- Site Boundary
- Cadastral Boundary
- Easement Boundary
- Extraction Footprint
- Stockpile and Processing Area
- Operations Area
- Internal Haul Road
- Direction of Extraction
- Vegetation Buffer
- Water Storage/Sediment Basin

PROJECT: Bromelton North

CLIENT: Neilsens Quality Gravels Pty Ltd

TITLE: Site Layout Plan

SCALE: 1:4,000

DRAWING NUMBER: 740.DRG.459

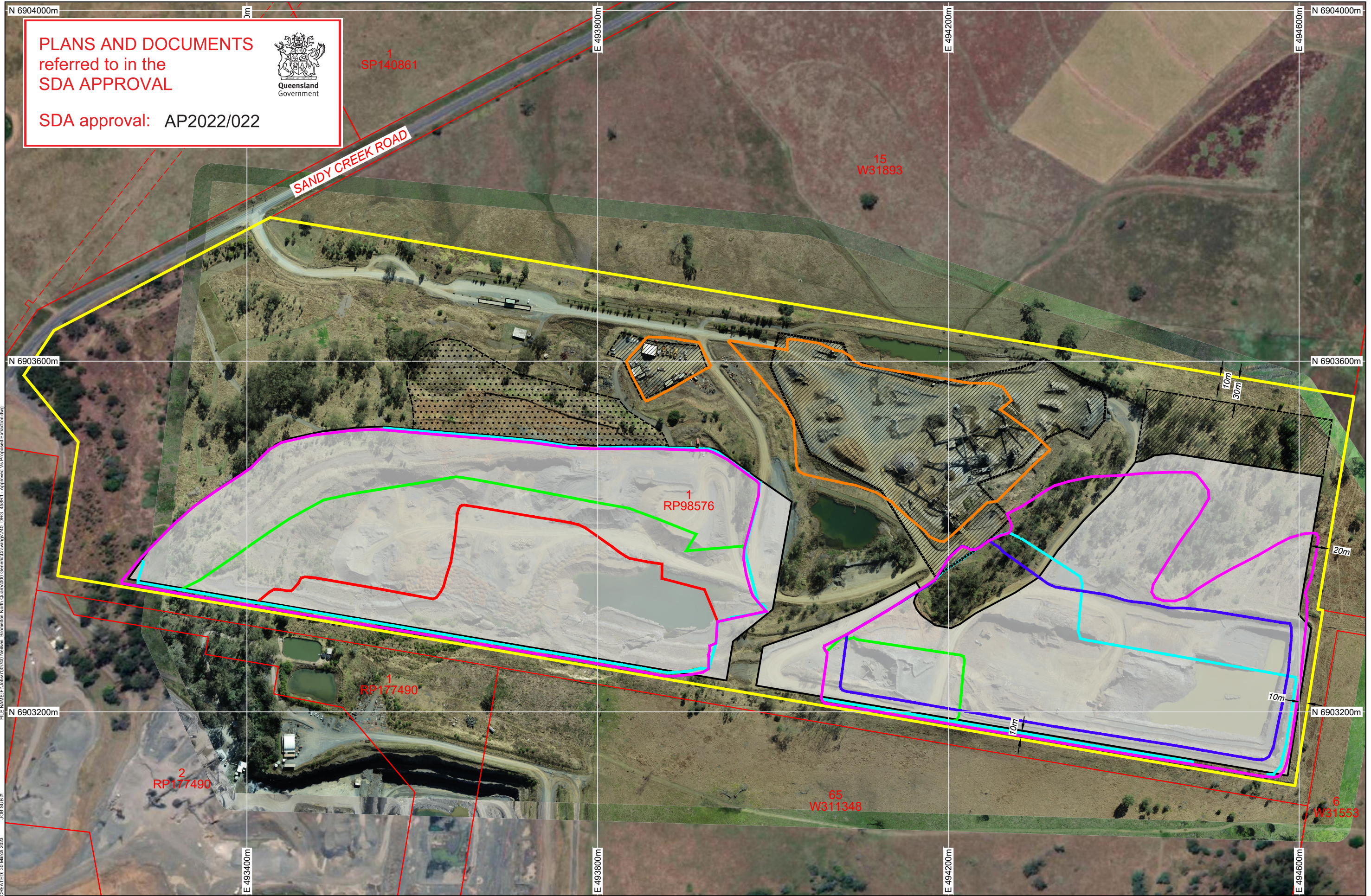
REVISION: 3

DATE: 17 August 2023

PRINTED: 17 August 2023


DATUM: HORIZONTAL / VERTICAL / ZONE

GDA 2020 MGA / AHD / 56



PLANS AND DOCUMENTS referred to in the SDA APPROVAL

SDA approval: AP2022/022






FILE NAME: F:\Jobs\700\740\Neilsen Bromelton North\000_Geomatics\Drawings\140_DRG_458R1 - Approved Vs Proposed Extraction.dwg
 JOB SUB #
 CREATED: 30 March 2023

| REV | DESCRIPTION | DATE | BY |
|-----|---|----------|-----|
| 1 | Fill avoids remnant vegetation | 04/10/22 | MR |
| 1 | Add Stages, Remove Haul roads, Operations/Extraction Boundaries | 28/03/23 | KJB |

Data Sources:
 Photography: Groundwork Plus RPA Survey, Captured 2022-07-26
 Topography: © The State of Queensland (DNRME) 2022
 Cadastral: © The State of Queensland (DNRME) 2019
 Ecosystem:
 Other: Background Photography: © The State of Queensland (DNRME) 2019
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Legend:

- Site Boundary
- Cadastral Boundary
- Easement Boundary
- Approved Operations Area
- Approved Stage 1 Footprint
- Approved Stage 2 Footprint
- Approved Stage 3 Footprint
- Approved Stage 4 Footprint
- Approved Long-term Footprint
-  Proposed Quarry Footprint
-  Proposed Operations Area
-  Overburden stockpiles not included in application

PROJECT: Bromelton North

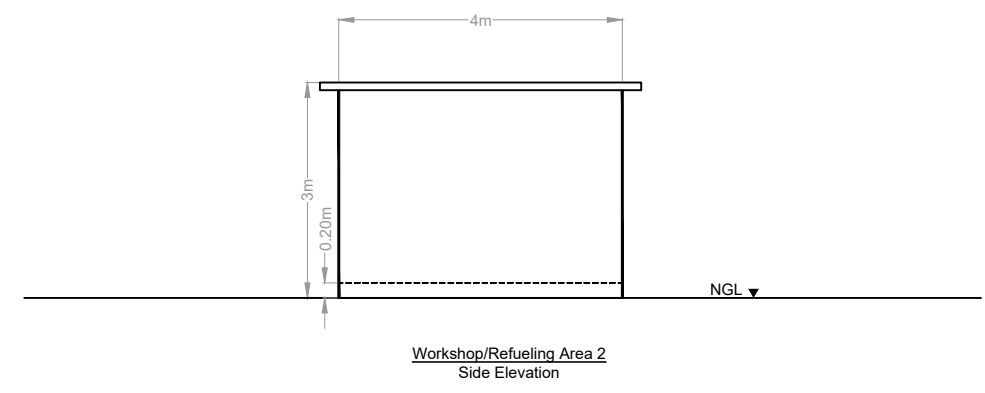
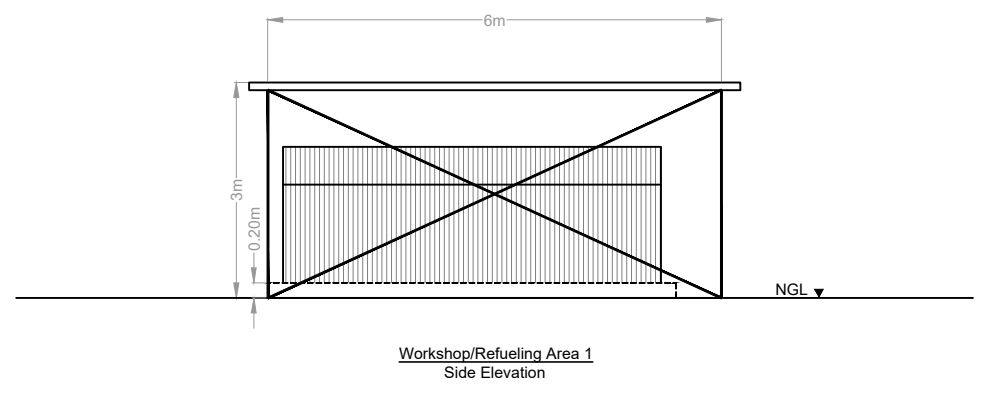
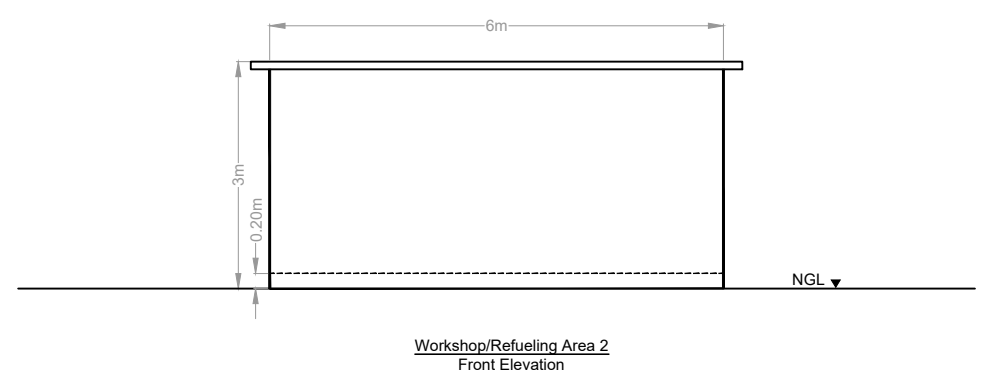
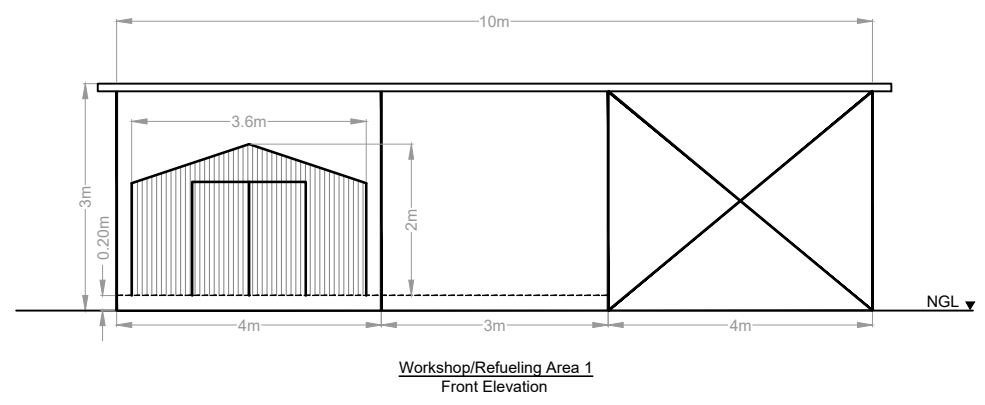
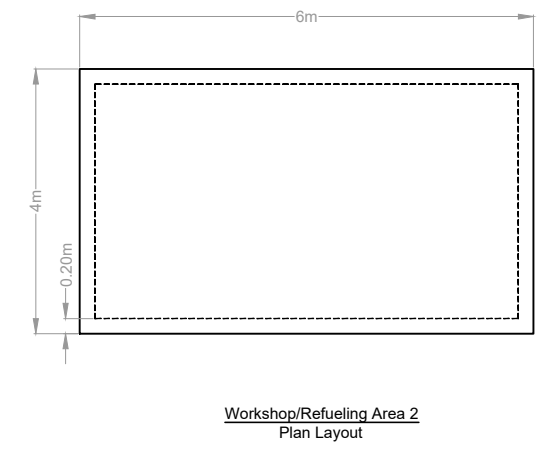
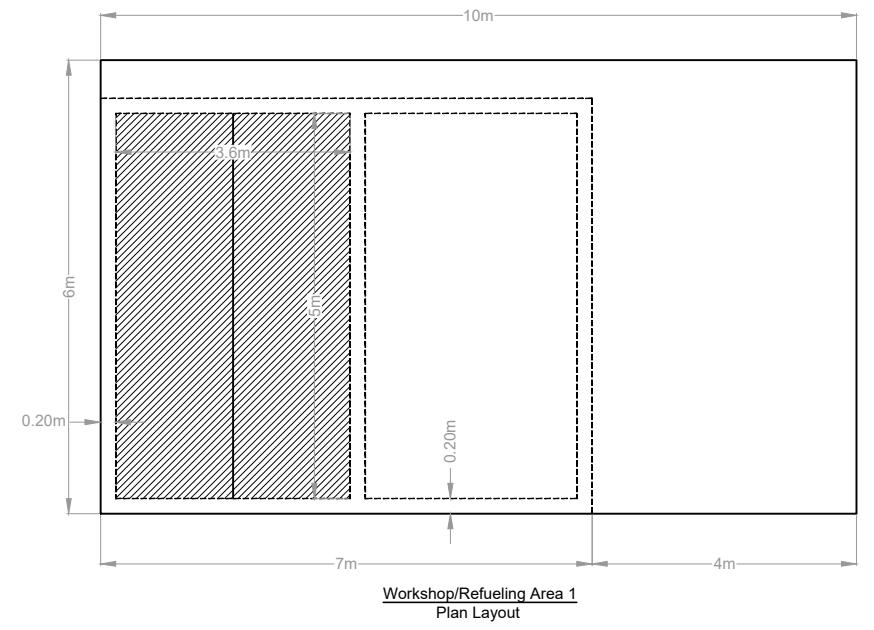
CLIENT: Neilsens Quality Gravels Pty Ltd

TITLE: Approved vs Proposed Extraction Boundary


 SCALE: 1:4,000
 0 80m
 DRAWING NUMBER: 740.DRG.458
 REVISION: 1
 DATE: 30 March 2023
 PRINTED: 31 March 2023
 PH: +61 7 3871 0411
 WWW.GROUNDWORK.COM.AU
 DATUM: HORIZONTAL / VERTICAL / ZONE
 MGA / AHD / 56

PLANS AND DOCUMENTS referred to in the SDA APPROVAL

SDA approval: AP2022/022



FILE NAME: F:\Jobs\700740\Neilsen - Bromelton North\000_Geometric Drawings\740_DRG_490_Materials Storage Structures.dwg
JOB SUB #
CREATED: 20 July 2023

| REV | DESCRIPTION | DATE | BY |
|-----|-------------|------|----|
| | | | |

Legend:

Data Sources:
 Photography:
 Topography:
 Cadastre:
 Ecosystem:
 Other:

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PROJECT: Bromelton North

CLIENT: Neilsens Quality Gravels Pty Ltd

TITLE: Materials Storage Structures

SCALE: 1:2,500

DRAWING NUMBER: 740.DRG.490

DATE: 20 July 2023

PRINTED: 24 July 2023

DRAWN: MR

CHECKED: JW

DATUM: HORIZONTAL / VERTICAL / ZONE

MGA / AHD / 56

PLANS AND DOCUMENTS
referred to in the
SDA APPROVAL



SDA approval: AP2022/022

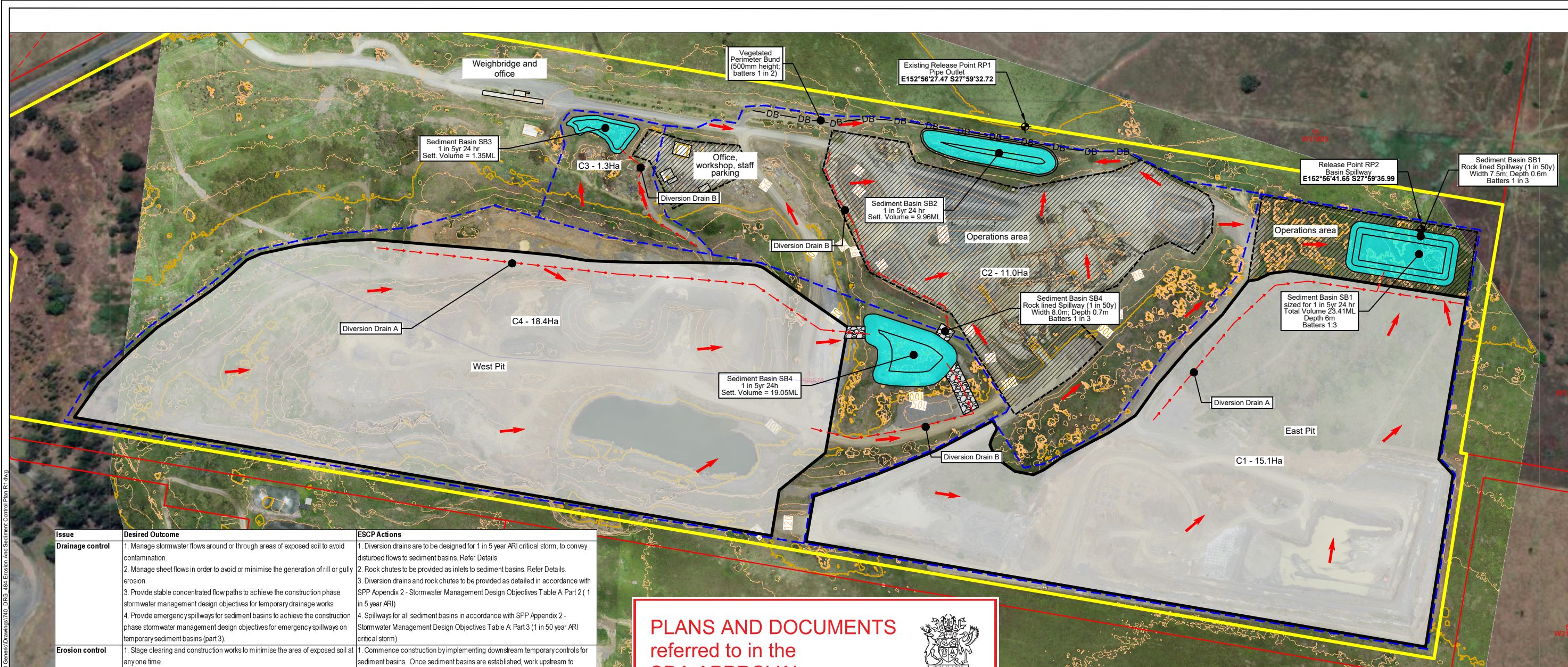
BROMELTON NORTH QUARRY

STORMWATER MANAGEMENT PLAN

Prepared for: The Neilsen Group Pty Ltd


Date: 12 July 2023

File Reference: 740.800.001

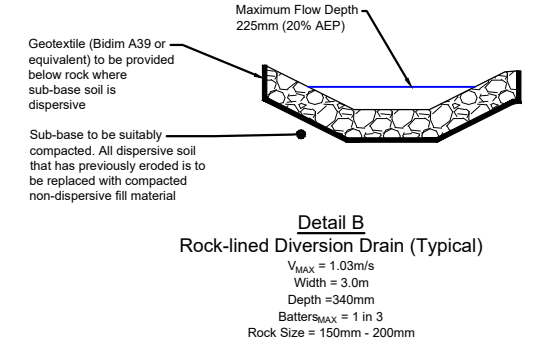
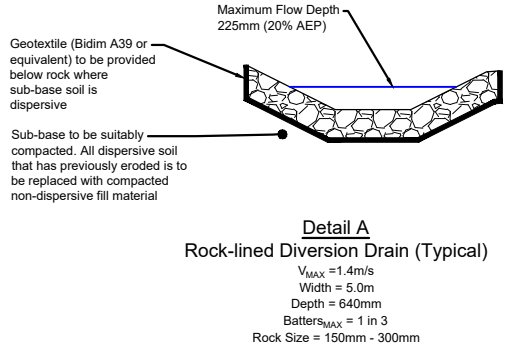


PLANS AND DOCUMENTS referred to in the SDA APPROVAL

SDA approval: AP2022/022


 Queensland Government

| Issue | Desired Outcome | ESCP Actions |
|---|---|---|
| Drainage control | 1. Manage stormwater flows around or through areas of exposed soil to avoid contamination. 2. Manage sheet flows in order to avoid or minimise the generation of rill or gully erosion. 3. Provide stable concentrated flow paths to achieve the construction phase stormwater management design objectives for temporary drainage works. 4. Provide emergency spillways for sediment basins to achieve the construction phase stormwater management design objectives for emergency spillways on temporary sediment basins (part 3). | 1. Diversion drains are to be designed for 1 in 5 year ARI critical storm, to convey disturbed flows to sediment basins. Refer Details. 2. Rock chutes to be provided as inlets to sediment basins. Refer Details. 3. Diversion drains and rock chutes to be provided as detailed in accordance with SPP Appendix 2 - Stormwater Management Design Objectives Table A Part 2 (1 in 5 year ARI) 4. Spillways for all sediment basins in accordance with SPP Appendix 2 - Stormwater Management Design Objectives Table A Part 3 (1 in 50 year ARI critical storm) |
| Erosion control | 1. Stage clearing and construction works to minimise the area of exposed soil at any one time. 2. Effectively cover or stabilise exposed soils prior to predicted rainfall. 3. Prior to completion of works for the development, and prior to removal of sediment controls, all site surfaces must be effectively stabilised using methods which will achieve effective short-term stabilisation. | 1. Commence construction by implementing downstream temporary controls for sediment basins. Once sediment basins are established, work upstream to construct diversion drains for diverting all disturbed surface water, and bunds as detailed to divert clean water around disturbed areas. 2. Exposed soils / overburden dumps are to be stabilised and vegetated where possible. 3. Sediment basins and diversion drains to remain operational for the life of the quarry. |
| Sediment control | 1. Direct runoff from exposed site soils to sediment controls that are appropriate to the extent of disturbance and level of erosion risk. 2. All exposed areas greater than 2500 metres must be provided with sediment controls which are designed, implemented and maintained to a standard which would achieve at least 80% of the average annual runoff volume of the contributing catchment treated (i.e. 80% hydrological effectiveness) to 50mg/L Total Suspended Solids (TSS) or less, and pH in the range (6.5-8.5). | 1. All runoff from exposed areas must be diverted as detailed to relevant sediment basins for treatment, reuse and/or discharge in accordance with the site EA 2. All disturbed areas of the quarry are treated by sediment basins sized to retain the 1 in 5 year ARI 24 hour duration rainfall event, in accordance with the DES Stormwater Guideline - Environmentally Relevant Activities. Treatment limits and discharge criteria are outlined in the quarry EA conditions. Refer Details. |
| Litter, hydrocarbons and other contaminants | 1. Remove gross pollutants and litter. 2. Avoid the release of oil or visible sheen to released waters. 3. Dispose of waste containing contaminants at authorised facilities. | 1. Site to be managed in accordance with EA. |
| Waterway stability and flood flow management | 1. Where measures are required to meet post-construction waterway stability objectives (specified in table B), these are either installed prior to land disturbance and are integrated with erosion and sediment controls, or equivalent alternative measures are implemented during construction. 2. Earthworks and the implementation of erosion and sediment controls are undertaken in ways which ensure flooding characteristics (including stormwater quantity characteristics) external to the development site are not worsened during construction for all events up to and including the 1 in 100 year ARI (1% AEP). | 1. Table B objectives are not applicable. Quarry to be managed in accordance with water quality release and conditions in EA 2. Sediment basins onsite designed to retain the 1 in 5 year 24 hour duration event and result in non-worsening of release (quantity) for all events up to and including the 1 in 100 year ARI (1% AEP) critical storm. |




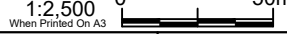
State Planning Policy (SPP) Appendix 2 - Table A: Stormwater management design objectives

| REV | DESCRIPTION | DATE | BY |
|-----|--------------------|----------|----|
| 1 | Altered pit design | 05/10/22 | MR |

Data Sources:
 Topography: Groundwork Plus RPA Survey, Captured 2021-12-23
 Topography: Groundwork Plus RPA Survey, Captured 2021-12-23 UAV_DSM_1m
 Cadastre: © The State of Queensland (DNRM) 2022
 Ecosystem: © The State of Queensland (DNRM) 2022
 Other: Background Photography: © The State of Queensland (DNRM) 2019

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- Legend:**
- Site Boundary
 - Cadastral Boundary
 - - - Easement Boundary
 - Proposed Extraction Boundary
 - - - Catchment
 - Sediment Basin / Water Storage

| | |
|---|--|
| PROJECT: Bromelton North Quarry CLIENT: Neilsens Quality Gravels Pty Ltd | TITLE: Figure 1 - Stormwater and ESC Plan  SCALE: 1:2,500  DRAWING NUMBER: 740.DRG.484 REVISION: 1 DATE: 6 July 2023 PRINTED: 6 July 2023 DRAWN: MR CHECKED: MB DATUM: HORIZONTAL / VERTICAL / ZONE MGA / AHD / 56 |
|---|--|

PLANS AND DOCUMENTS
referred to in the
SDA APPROVAL



SDA approval: AP2022/022

Bromelton North Quarry

Environmental Management Plan

Prepared for: Neilsens Quality Gravels Pty Ltd

Date: July 2023

File Reference: 740_610_018

PLANS AND DOCUMENTS
referred to in the
SDA APPROVAL



SDA approval: AP2022/022



BROMELTON NORTH QUARRY - NOISE IMPACT ASSESSMENT

Project ID: 14565

9/12/2022

Release: R1



Prepared For:

Groundwork Plus

Assured Environmental

PLANS AND DOCUMENTS
referred to in the
SDA APPROVAL



SDA approval: AP2022/022



BROMELTON NORTH QUARRY - AIR QUALITY ASSESSMENT

Project ID: 14565

9/12/2022

Release: R2

Prepared For:

Groundwork Plus

Assured Environmental

PLANS AND DOCUMENTS
referred to in the
SDA APPROVAL



SDA approval: AP2022/022

Neilsens Quarry - North Bromelton

TRAFFIC AND PAVEMENT IMPACT ASSESSMENT REPORT

Prepared for: The Neilsen Group

January 2023

File Ref:
documents / 20230113_10551_TPIA