JRT EQUIPMENT HIRE WASTE DISPOSAL FACILITY DEVELOPMENT 231 LUCAS STREET GRACEMERE



CIVIL WORKS DRAWING INDEX

| SH . 1 | DWG. No. D12.42 | DRAWING TITLE COVER SHEET |
|------------------|--------------------|--------------------------------|
| 2 | D12.42-01 | SITE PLAN |
| 3 | D12.42-02 | WASTE DISPOSAL FACILITY PLAN |
| 4 | D12.42-03 | CAR PARKING SWEPT PATHS |
| 5 | D12.42-04 | HRV & LV TIPPING SWEPT PATHS |
| 6 | D12.42-05 | ARTICULATED VEHICLE SWEPT PATH |
| 7 | D12.42-06 | STORMWATER MANAGEMENT PLAN |
| | | |



ACN 121 309 171 2/56 Normanby Street Yeppoon, Queensland 4703 Phone: 07 4911 2553 Fax: 07 4938 3660 admin@dileigh.com.au

Lot 1 on RP604651 COUNTY OF LIVINGSTONE

SITE PLAN

LUCAS STREET

EXISTING LEVELS AND SERVICES

1. THE CONTRACTOR SHALL VERIFY THE LOCATIONS AND LEVELS OF ALL EXISTING SERVICES WITH THE RELEVANT AUTHORITIES INCLUDNIG "DIAL BEFORE YOU DIG" PRIOR TO COMMENCING CONSTRUCTION. ANY COSTS ASSOCIATED WITH REPAIRING DAMAGE TO EXISTING SERVICES SHALL BE PAID FOR BY THE CONTRACTOR.

CONROY COURT

2. THE CONTRACTOR SHALL VERIFY THAT THE EXISTING LEVELS AT POINTS WHERE CONNECTIONS TO EXISTING INFRASTRUCTURE ARE REQUIRED ARE AS PER THIS DESIGN. ANY DIFFERENCES TO BE NOTIFIED TO THE ENGINEER PRIOR TO ORDERING MATERIALS OR COMMENCING ANY WORKS.

3. PRIOR TO COMMENCING WORKS THE CONTRACTOR SHALL VERIFY THAT THERE ARE NO CLASHES BETWEEN ANY CROSSING SERVICE OR PIPELINE. ANY CLASHES TO BE NOTIFIED TO THE ENGINEER PRIOR TO WORKS COMMENCING.

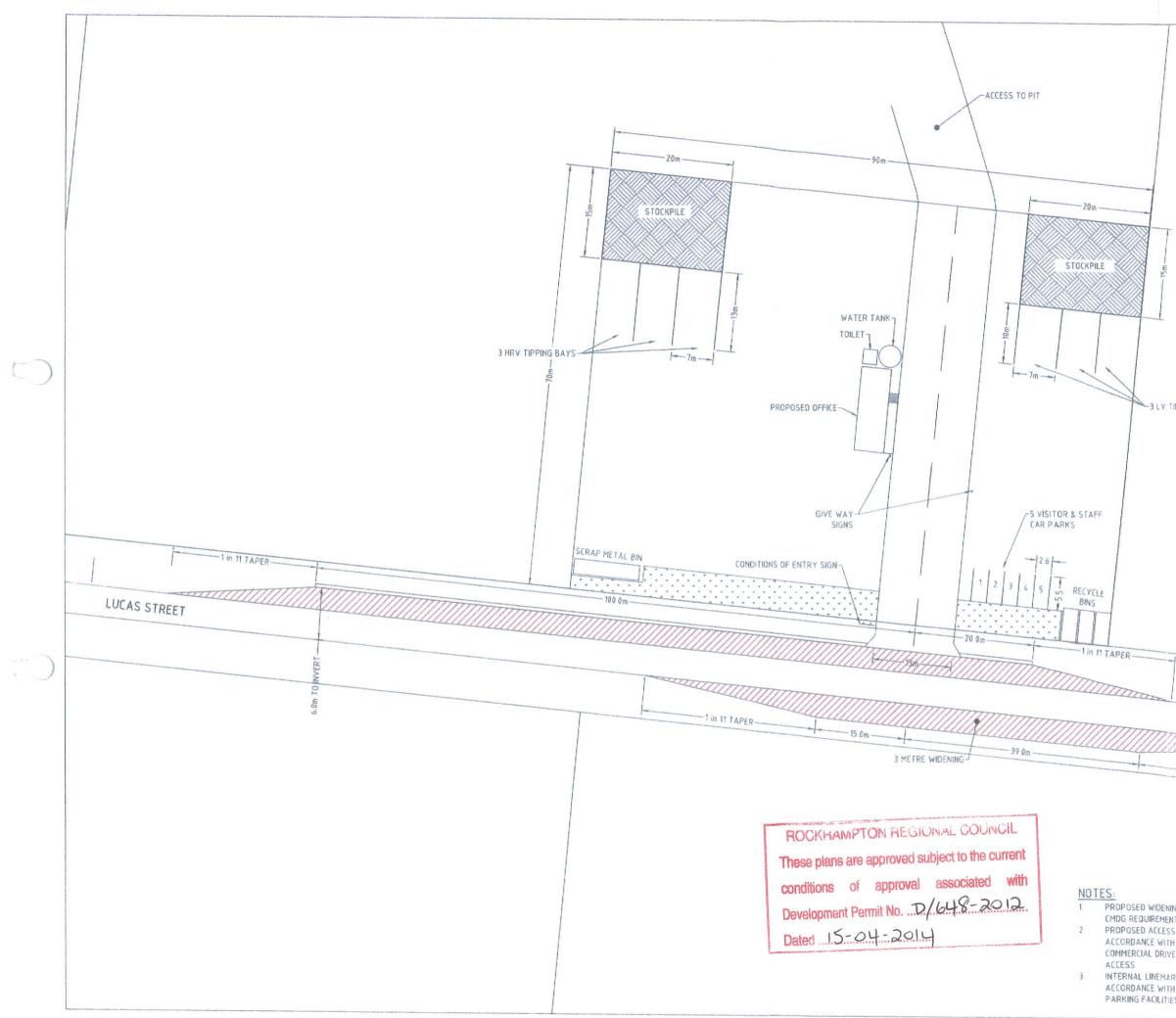
4. PRIOR TO COMMENCING WORKS THE CONTRACTOR SHALL VERIFY LOCATION AND DETAILS OF ALL EXISTING SERVICE CONNECTIONS TO NEW ALLOTMENTS PREVIOUSLY INSTALLED BY OTHERS

D12.42

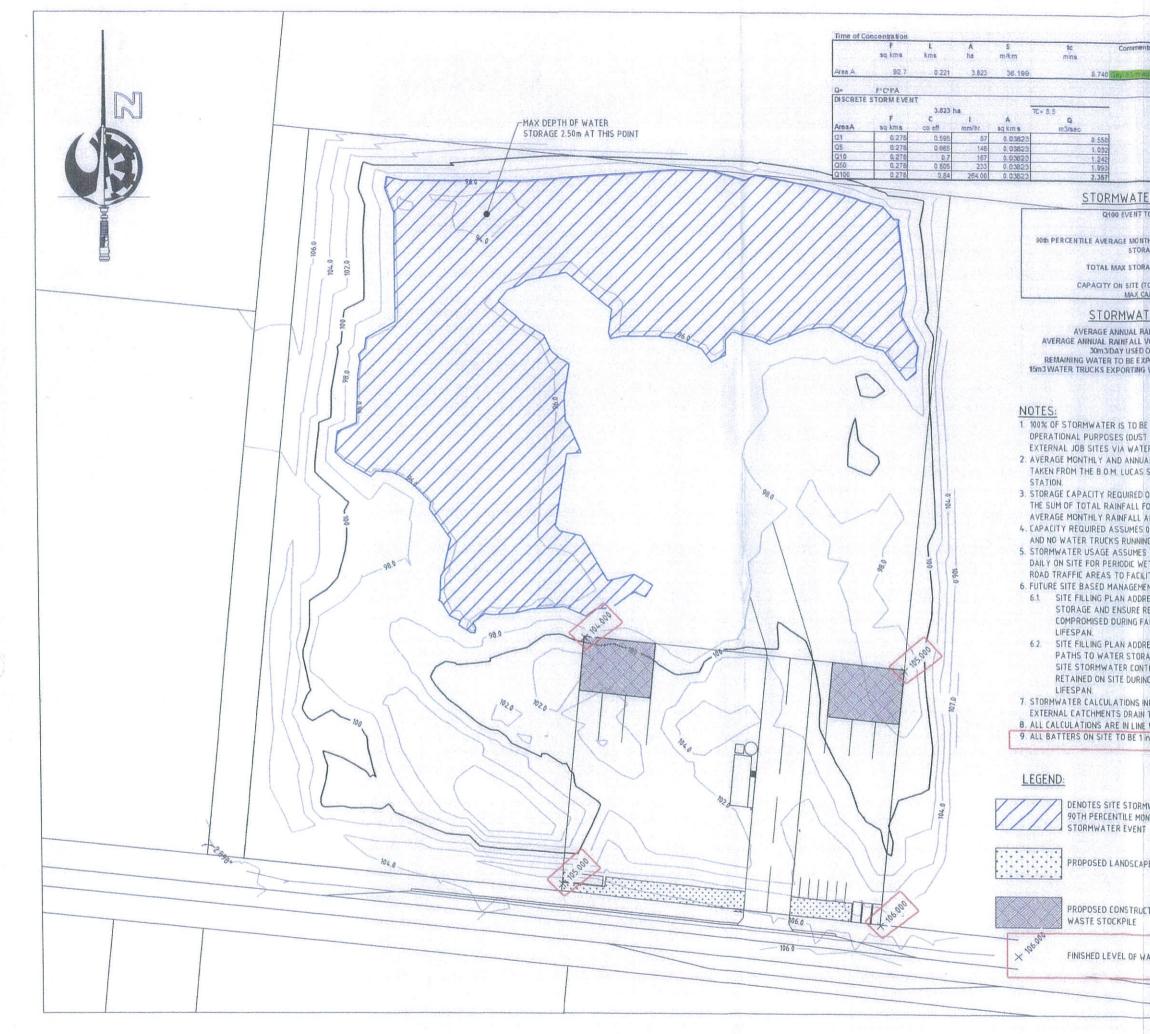
ROCKHAMPTON REGIONAL COUNCIL These plans are approved subject to the current conditions of approval associated with Development Permit No. D/648-2012 Dated 15-04-2014 GRACEMERE ROAD BOATWRIGHT AVENUE ALLEN ROAL



| | LOT 1 on RP60465 PARISH OF LIVINGST | 1 eet 1 4703 53 0 1.au |
|------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------|
| | A3 Scale 1:1000 | |
| REGIONAL COUNCIL ved subject to the current oval associated with | 1 NCU APPROVAL REV REVISION REVISIONS | 6/2012 DATE |
| D/648-2012 014 | PROJECT WASTE DISPOSAL FAG 231 LUCAS STREET GRACEMERE | SILITY |
| | CLIENT JRT EQUIPMENT HIRE DRAWING TITLE | |
| | SITE PLAN | |
| | RPEQ Hane Signaphre HB. Carseldine B | Number |
| ET | HB. Carseldine BTS | 2855 |
| | checked by; ACD date; 6/2012 | |
| | date; 6/2012 drawing no. D12.42-01 | |
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| | LOT 1 on RP604651 PARISH OF LIVINGSTONE |
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| TIPPING BAYS | A3 Scale 1:600 3.0 3.0 1 MCU APPROVAL 6/2012 REV REVISION DATE |
| | PROJECT WASTE DISPOSAL FACILITY 231 LUCAS STREET GRACEMERE |
| 1 in 11 TAPER | CLIENT JRT EQUIPMENT HIRE |
| ING TO BE IN ACCORDANCE WITH NTS S CROSSOVER TO BE IN H CMDG STD DRAWING R-042 /EWAY SLAB, TYPE A - TWO WAY RKING AND SIGNAGE TO BE IN H MUTCD AND AS/NZS 2890 1 IES - OFF STREET PARKING | DRAWING TITLE WASTE DISPOSAL FACILITY PLAN RPEQ Name Signature Number HB. Carseldine BRUUS 2855 drawn by; BTS checked by; ACD date; 6/2012 drawing no. D12.42-02 |
| H MUTCD AND AS/NZS 2890 1 | drawing no. D12.42-02 |

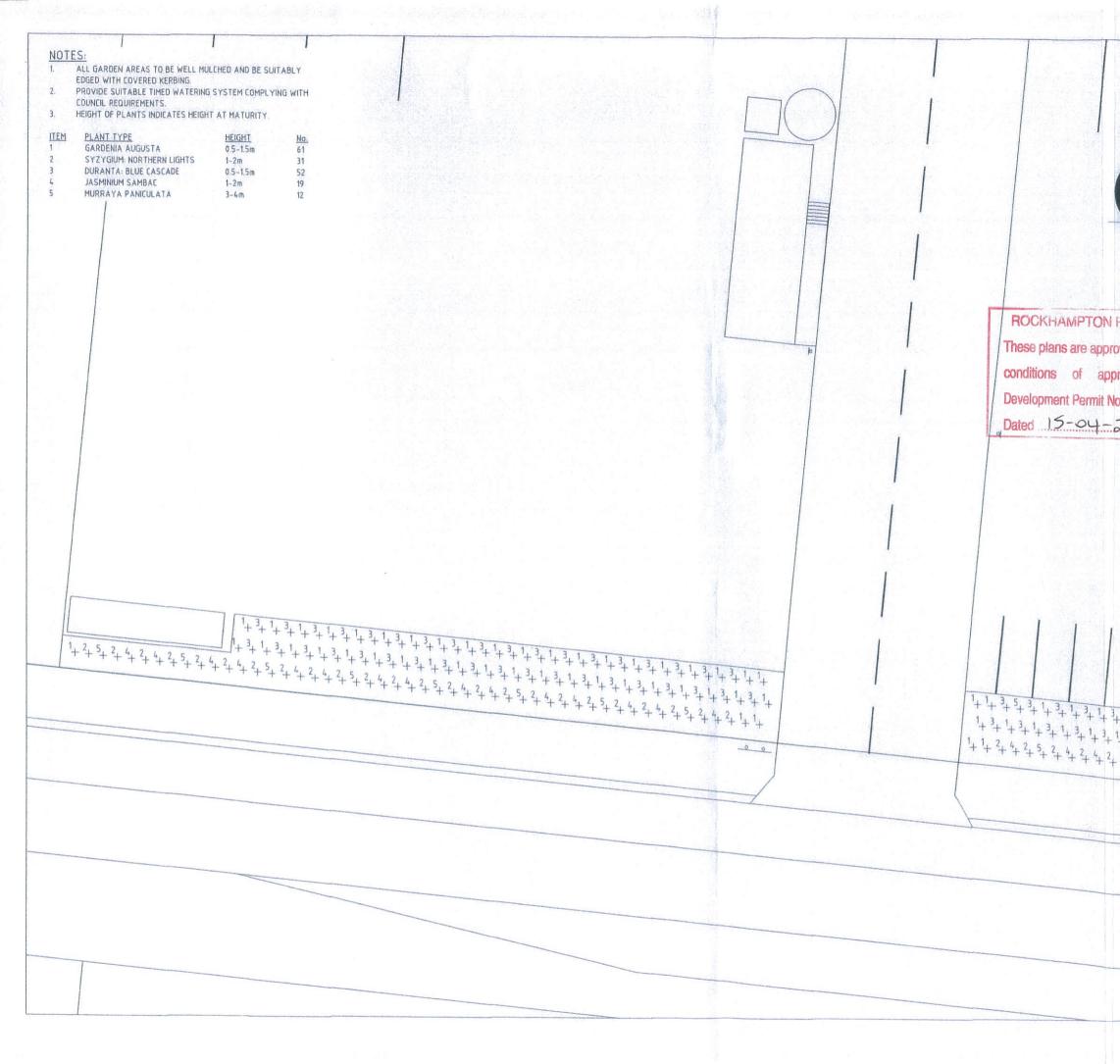


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| nts tc= <u>FL</u> A*0.1'S*0.2 | CVIL / STRUCTURAL DESIGN A ACN 121 3 2/56 Norman | 09 171 |
| Fi D Ing_ 612 Cro 0.7 | Yeppoon, Queer Phone: 07 49 Fax: 07 493 admin@dileig | nsland 4703 011 2553 08 3660 |
| ER STORAGE TOTAL VOLUME - Q x Tc - 1202.0 m3 | LOT 1 on RPO PARISH OF LIVII | 604651 NGSTONE |
| Mar undaturen = 11001 (11) | CKHAMPTON REC | |
| TO RE OF 100m) = 82000 m3 INES APACITY USED = 14.2 1 | e plans are approved | I subject to the current |
| TER USAGE cond | itions of approva | al associated with |
| AINFALL = 700 mm/yr Deve VOLUME = 26762 m3 ON SITE = 7800 m3/yr (PORTED = 18962 m3/yr Dated | opment Permit No | 2/648-2012 |
| WATER = 5 TRUCKSIDAY | Scale | THE CONTRACTOR OF CONTRACTOR O |
| | A3 Scale 1:250 | |
| E RETAINED ON SITE FOR T CONTROL) AND EXPORT TO ER TRUCK | 1.25 0 1.25 5.0 | 6.25 m |
| AL RAINFALL DATA HAS BEEN ST RAINFALL MONITORING | | |
| | 2 RFI RESPONSE | 3/2013 |
| ON SITE CALCULATED USING FOR A 90TH PERCENTILE AND A Q100 EVENT VOLUME. 0% INFILTRATION INTO SOIL NG DURING THE MONTH. S 30cum WATER REQUIRED ETDOWN OF STOEKPILES AND | I MCU APPROVAL REV REVISION REVISIONS | 6/2012 DATE |
| ITATE DUST CONTROL. ENT PLAN TO CONTAIN:- RESSING STORMWATER REQUIRED CAPACITY IS NOT ACILITY OPERATIONAL | PROJECT WASTE DISPOS/ 231 LUCAS STRE GRACEMERE | |
| RESSING STORMWATER FLOW LAGE AREA, AND ENSURING 100% TINUES TO BE CAPTURED AND NG FACILITY OPERATIONAL | | |
| NCLUDE 100% OF THE SITE, NO I TO THIS SITE. E WITH THE Q.U.D.M. IN 4 MAX. | CLIENT JRT EQUIPMENT | ' HIRE |
| MWATER INUNDATION AT INTHLY RAINFALL PLUS Q100 F | DRAWING TITLE STORMWATER MANAGEMENT P | PLAN |
| PED AREA | RPEQ | |
| ETION AND DEMOLITION | Hane Signature H.B. Carseidine drawn by | Number 2855 TS |
| VASTE TRANSFER AREA | checked by; A date; 6/ | CD /2012 |
| | drawing no. | |
| |] D12.42 | 2-06 |
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| | LOT 1 on RPE PARISH OF LIVIN | PROJECT MANAGEMENT 09 171 ly Street sland 4703 11 2553 3 3660 1.com.au |
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| NREGIONAL COUNCIL proved subject to the curren oproval associated with No. D/648-2012 | | 15.9 m |
| | I RFI RESPONSE REV REVISION REVISIONS | 93/2013 DATE |
| | PROJECT WASTE DISPOS/ 231 LUCAS STRE GRACEMERE | |
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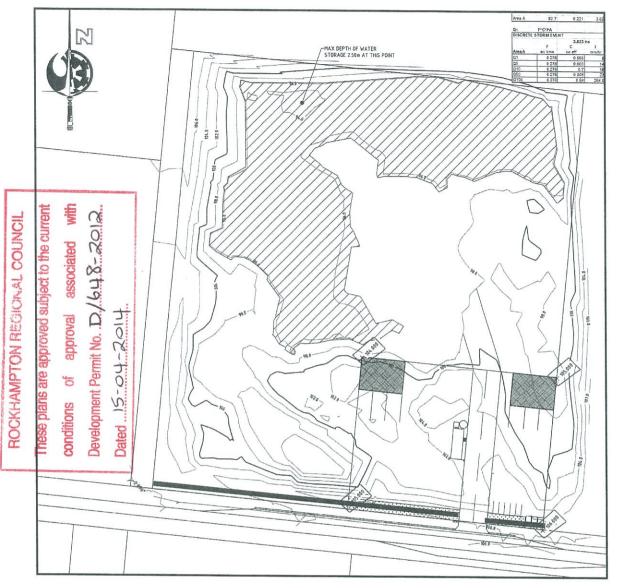


Figure 3 Location of 2.4 m High Acoustic Barrier (Bold Red Line)

CONCLUSIONS

It is proposed to utilise an existing quarry site (material no longer extracted from quarry) at 231 Lucas Street, Gracemere (Lot 1 on RP604651, County of Livingstone), for the purpose of a waste disposal facility. It is the consultants understanding that this proposed waste disposal facility will be predominantly for building and construction materials, and will include both disposal of waste into the quarry pit and sorting and recycling of some materials. The proposed hours of operation will be daytime only. Potential noise sources associated with this waste disposal facility could include:

- truck movements;
- compactor;
- bulldozer;
- light vehicles.

The closest residences to the subject site (and separation distance) are as follows (as determined from site visit and Google Maps):

