

NORTHERN TERRITORY OF AUSTRALIA

Planning Act - sections 54 and 55

DEVELOPMENT PERMIT

DP15/0078

DESCRIPTION OF LAND THE SUBJECT OF THE PERMIT

Lot 05182
Lot 08630
Town of Darwin
Town of Nightcliff
213 DICK WARD DR, LUDMILLA
95 DICK WARD DR, COCONUT GROVE

APPROVED PURPOSE

To use and develop the land for the purpose of filling of land (SD44) for future development, in accordance with the attached schedule of conditions and the endorsed plans.

VARIATIONS GRANTED

Nil.

BASE PERIOD OF THE PERMIT

Subject to the provisions of sections 58, 59 and 59A of the Planning Act, this permit will lapse two years from the date of issue.



HANNA STEVENSON

Delegate
Development Consent Authority

12 / 02 / 2015

DEVELOPMENT PERMIT

DP15/0078

SCHEDULE OF CONDITIONS

CONDITIONS PRECEDENT

1. Prior to the endorsement of plans and prior to the commencement of works (including site preparation), the applicant is to prepare an Environmental Construction Management Plan (ECMP), to the requirements of the City of Darwin, to the satisfaction of the consent authority. The ECMP is to address how the development will be managed on the site, and is to include details of the haulage of excavated and new materials, traffic management, stormwater management, use of City of Darwin land and how this land will be managed during the development phase.
2. Prior to the endorsement of plans and prior to the commencement of works (including site preparation), an Erosion and Sediment Control Plan (ESCP), is to be submitted to and approved by the consent authority on the advice of the Department of Land Resource Management, and an endorsed copy of the Plan will form part of this permit. The ESCP is to be developed by a suitably qualified and experienced professional in erosion and sediment control planning, and in accordance with the IECA Best Practice Erosion and Sediment Control Guidelines 2008. The plan should detail methods and treatments for minimising erosion and sediment loss from the site during both the construction and operational phases. Erosion and sediment control information can also be sourced from the DLRM website at <http://lrm.nt.gov.au/soil/management>.

GENERAL CONDITIONS

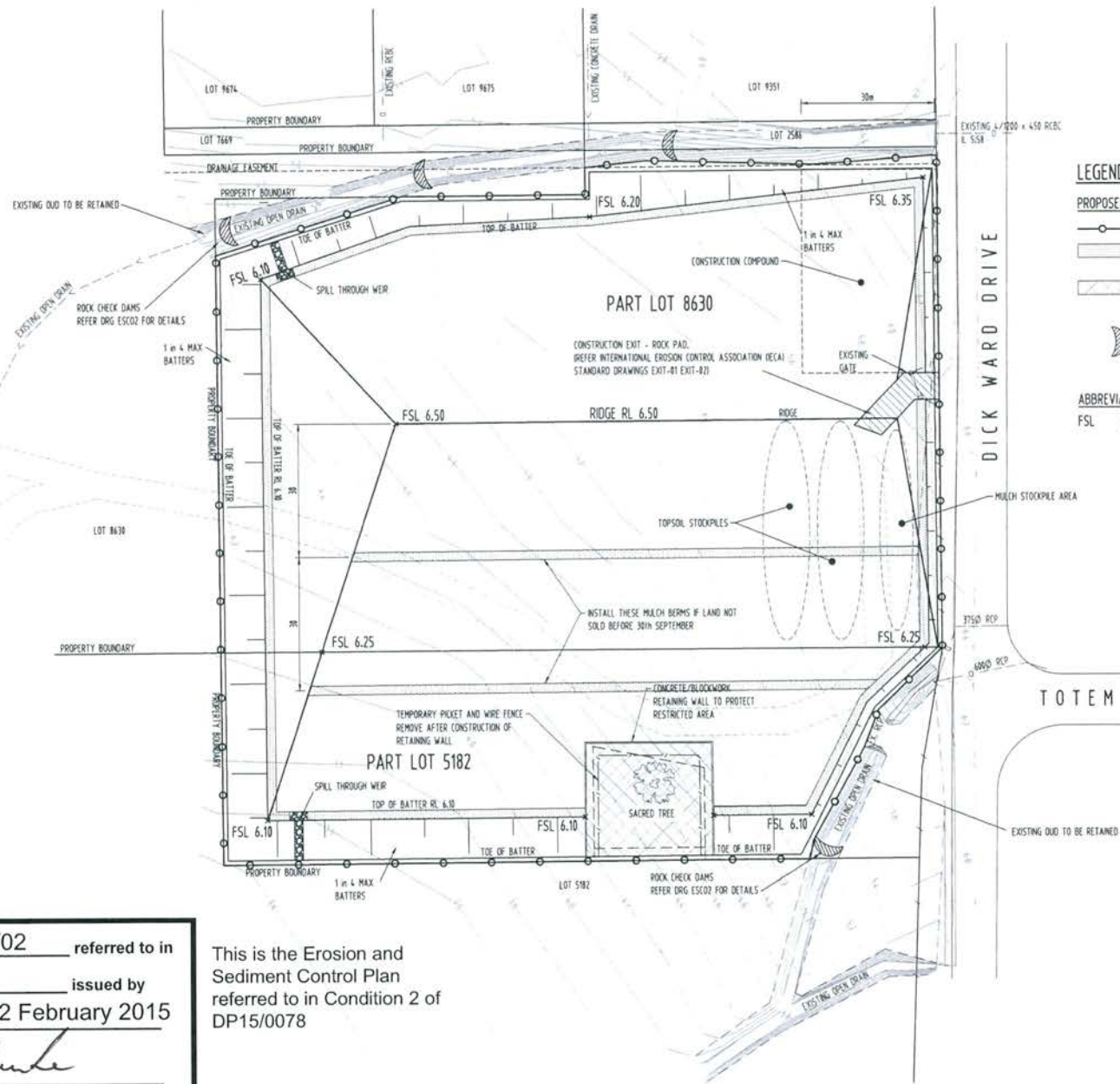
3. The works carried out under this permit shall be in accordance with the drawings endorsed as forming part of this permit.
4. Any developments on or adjacent to any easements on site shall be carried out to the requirements of the relevant service authority to the satisfaction of the consent authority.
5. Appropriate protection shall be provided to contain potential spills of waste and protect contaminants from entering adjacent properties, roadways, and the stormwater drainage system.
6. The proponent must ensure that only clean fill (virgin excavated natural material) or inert fill is accepted and that the inert fill has been adequately assessed as being suitable for its intended use or uses.
7. The loads of all trucks entering and leaving the site of works are to be constrained in such a manner as to prevent the dropping or tracking of materials onto streets. This includes ensuring that all wheels, tracks and body surfaces are free of mud and other contaminants before entering onto the sealed road network. Where tracked/dropped material on the road pavement becomes a potential safety issue, the developer will be obliged to clean material off the road in an environmentally responsible manner.
8. The developer is to ensure that all development work is undertaken in a manner that prevents the creation of a public health nuisance from dust or other particulate matter.

9. Soil erosion control and dust control measures must be employed throughout the construction stage of the development to the satisfaction of the consent authority.
10. Storage for waste disposal bins is to be provided to the requirements of the City of Darwin, to the satisfaction of the consent authority.
11. Should any marine sediments be excavated and exposed an Acid Sulphate Soils Management Plan (ASSMP), including details of the volumes and depths of proposed excavations and potential length of time acid sulphate soil material may be exposed, is to be submitted to and approved by the consent authority on the advice of a suitably qualified professional, and an endorsed copy of the Plan will form part of this permit.

NOTES

1. The Power and Water Corporation advises that the Water and Sewer Services Development Section (landdevelopmentnorth@powerwater.com.au) and Power Network Engineering Section (powerconnections@powerwater.com.au) should be contacted via email a minimum of 1 month prior to construction works commencing in order to determine the Corporation's servicing requirements, and the need for upgrading of on-site and/or surrounding infrastructure.
2. Any proposed stormwater connections to the City of Darwin stormwater system or proposed works on/over City of Darwin property shall be subject to separate application to the City of Darwin and shall be carried out to the requirements and satisfaction of the General Manager Infrastructure, City of Darwin.
3. The Department of Lands, Planning and the Environment advises that any works within the drainage easements will require approval from the Department, and the applicant must ensure compliance with the Crown Lands Act and the Associations Act in relation to any works on the land.
4. Professional advice regarding implementation of soil erosion control and dust control measures to be employed throughout the construction phase of the development are available from Department of Land Resource Management

AM



PROPOSED WORKS

-  SEDIMENT FENCE
 MULCH BERM
 RESTRICTED AREA - ALL WORK PROHIBITED
 BETWEEN SACRED TREE AND RETAINING WALL
 TEMPORARY ROCK CHECK DAM. REFER DETAIL. PLACE APPROX.
 3m² DUMPED ROCK IN DRAIN INVERT.
 LOCATE DAMS MAX. 60m SPACING

ABBREVIATIONS

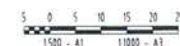
FSL (FINISH SURFACE LEVEL)

This is the Erosion and Sediment Control Plan referred to in Condition 2 of DP15/0078

PRELIMINARY

WARNING
BEWARE OF UNDERGROUND SERVICES

The locations of underground services are approximate only and their exact position should be proven on site. No guarantee is given that all existing services are shown.



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F	16/1/2015	KT	REVISED FOR APPROVAL				Drawn CCW	CHECKED SPB	TOTEM RD DEVELOPMENT - PART LOT 8630 & PART LOT 5182				
E	24/2/2015	JK	GENERALLY AMENDED						EROSION & SEDIMENT CONTROL PLAN - STAGE 1				
D	25/06/2015	CCW	DRAWING NUMBER UPDATED & ISSUED FOR APPROVAL						DESIGNED SPB	CHECKED SPB	SCALE	PROJECT No	DRAWING No
C	18/04/2015	NAS	ISSUED FOR COMMENT										
B	13/05/2015	NAS	ISSUED FOR APPROVAL										
Rev	DATE	AUTHOR	AMENDMENT										

GENERAL NOTES:

- ADDITIONAL NOTES AND DETAILS REFER DRG 1344-C01 & 1344-C02.
- MAX 1 IN 4 BATTERS FOR ALL EARTHWORKS UNLESS NOTED OTHERWISE.

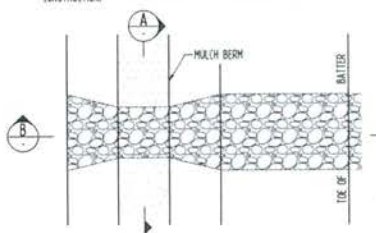
EROSION CONTROL

- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE UNDERTAKEN BY CONTRACTOR TO THE SATISFACTION OF THE SUPERINTENDENT AND DIRM.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF ALL TRAFFIC INTO AND OUT OF THE SITE, INCLUDING THE MOVEMENT OF CONSTRUCTION TRAFFIC WITHIN THE SITE AND SHALL MAINTAIN DUST SUPPRESSION MEASURES TO THE SATISFACTION OF THE SUPERINTENDENT.
- BEFORE CLEARING COMMENCES AREAS OF VEGETATION NOMINATED FOR PROTECTION SHALL BE FLAGGED OR FENCED AND INSPECTED BY THE SUPERINTENDENT. CLEARING OF VEGETATION SHALL BE RESTRICTED TO OUTSIDE THE NOMINATED AREAS. CLEARED VEGETATION TO BE MULCHED FOR RE-USE IF REQUIRED.
- STRIPPED TOPSOIL SHALL BE STOCKPILED FOR REUSE. STOCKPILE HEIGHTS SHALL BE 1.5m MAX WITH 1 IN 4 BATTERS MAX.
- ENSURE ALL STOCKPILE SURFACES ARE COMPACTED TO MINIMISE EROSION.
- SPREAD STRIPPED MATERIAL OR TOPSOIL 50mm MIN THICK ON BATTERS & LOT SURFACES.
- SEDIMENT FENCING SHALL BE INSTALLED BEFORE COMMENCING EARTHWORKS. ALL OTHER EROSION CONTROL DEVICES SHALL BE INSTALLED UPON COMPLETION OF EARTHWORKS OR AS DIRECTED BY THE SUPERINTENDENT. FENDER THE AREA EROSION PROOF WITHIN 14 DAYS OF COMPLETION.
- SEDIMENT FENCING AND MULCH BERM SHALL BE PLACED ON CONTOUR WHEN POSSIBLE. WHEN NOT POSSIBLE INSTALL RETURN PANELS AT REGULAR INTERVALS OF 20m MAX.
- ALL TEMPORARY EARTH BERMES AND DIVERSION EMBANKMENTS SHALL BE MACHINE COMPACTED AND MAINTAINED.
- REMOVE TEMPORARY ESC DEVICES AT THE END OF THE DEFECTS LIABILITY PERIOD. SURFACES TO BE MADE GOOD TO MATCH SURROUNDING AREAS.
- DISTURBED AND UNSEALED AREAS SHALL BE DAMPENED AND ROLLED TO SEAL THE SURFACE TO MINIMISE DUST.
- INSTALL ALL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES AS DIRECTED BY THE SUPERINTENDENT.
- INSPECT SEDIMENT CONTROL STRUCTURES WEEKLY AND AFTER STORMS FOR STRUCTURAL DAMAGE OR CLOGGING. REMOVE ALL TRAPPED SILT TO MAINTAIN STORAGE CAPACITY. REPAIR ANY DAMAGE AND MAKE GOOD TO THE SATISFACTION OF THE SUPERINTENDENT.
- SILT REMOVED FROM SILT TRAPS SHALL BE DUMPED AT A LOCATION THAT PREVENTS SILT RE-ENTERING THE SYSTEM. LOCATION SHALL BE TO THE APPROVAL OF THE SUPERINTENDENT.
- DIVERT ALL STORMWATER RUNOFF AWAY FROM DISTURBED GROUND AND INTO INTACT NATIVE VEGETATION OR THE STORMWATER DRAINAGE SYSTEM.
- ESTABLISH AND MAINTAIN A STREET SWEEPING PROGRAM FOR THE DURATION OF THE WORKS.
- COMPLETE ALL FINAL EROSION PREVENTION MEASURES PRIOR TO FINAL HANDOVER INSPECTION. MAINTAIN ALL CONTROL DEVICES UNTIL THE END OF THE DEFECTS LIABILITY PERIOD.
- ADDITIONAL EROSION CONTROLS MAY BE REQUIRED DURING CONSTRUCTION AS DETERMINED BY THE SUPERINTENDENT IN CONSULTATION WITH THE DEPARTMENT OF LAND RESOURCE MANAGEMENT (DLRM).
- ANY CHANGES TO THE EROSION AND SEDIMENT CONTROL PLAN SHALL BE SUBMITTED BY THE CONTRACTOR TO SUPERINTENDENT FOR APPROVAL PRIOR TO COMMENCEMENT.
- WATER QUALITY MONITORING SHOULD BE CARRIED OUT FOR ANY CONTROLLED DISCHARGE. IT IS RECOMMENDED THAT DEWATERING ACTIVITIES SHOULD TAKE ALL REASONABLE AND PRACTICABLE MEASURES TO ACHIEVE A MAXIMUM 75 NEPHELOMETRIC TURBIDITY UNITS INTU.
- ROCK CHECK DAMS AND SEDIMENT FENCES SHALL BE REMOVED AFTER COMPLETION OF WORKS AND GRASS HAS BEEN ESTABLISHED ON ENTIRE SITE FOR AT LEAST 14 WEEKS.

- ALL DISTURBED AREAS AND EARTHWORKS SHALL BE PROGRESSIVELY REHABILITATED WITH GRASS OR OTHER COVER.
- SHOULD WORKS EXTEND PAST 30th SEPTEMBER, ESCP SHALL BE REVIEWED FOR WET SEASON WORKS IN CONSULTATION WITH DIRM.
- CONTRACTOR NOT PERMITTED TO WORK OR CLEAR OUTSIDE APPROVED ESCP AREAS OR DRAINS. PRIOR APPROVAL TO BE SOUGHT FROM CONSULTING ENGINEERS BEFORE DISTURBING NO-GO ZONE AREAS.
- EXPECTED TIME OF CONSTRUCTION IS MAY 1st 2015 UNTIL SEPTEMBER 30th 2015. SUBJECT TO AUTHORITY APPROVALS.
- LIMIT OF WORKS BOUNDARY IS AT SEDIMENT FENCE. AND AT RETAINING WALL AT SACRED TREE. ROCK CHECK DAMS TO BE INSTALLED AND REMOVED FROM WITHIN LIMIT OF WORKS BOUNDARY.
- ALL FILL MATERIAL SHALL BE MACHINE COMPACTED IN LAYERS TO FINISHED SURFACE LEVEL. LOT SURFACES SHALL BE STABILISED BY COMPACTION & TOPSOIL SPREAD OVER EACH LOT.
- BY END OF CONSTRUCTION, PERMANENT OVERLAND SHEET FLOW STORMWATER DRAINAGE SHALL BE AS DESIGNED. REFER DRG 1344-C01
- SEDIMENT CONTROL TO PERMANENT DRAINAGE SHALL BE MULCH BERMS AS DESIGNED UNTIL EITHER 80% GRASS COVERAGE HAS BEEN ESTABLISHED OR STATE OF LOT DEVELOPMENT.

DUST MANAGEMENT

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE EFFECTIVE CONTROL OF ALL DUST AND WINDBORNE MATERIAL EMANATING FROM THE SITE THROUGHOUT THE PERIOD OF THE CONTRACT.
- THE CONTRACTOR SHALL IMPLEMENT ALL MEASURES NECESSARY TO MINIMISE WIND EROSION AND PREVENT MATERIAL FROM THE SITE BEING BLOWN OVER OR ONTO PROPERTY OUTSIDE THE SITE. THE MEASURES INCLUDE BUT NOT BE LIMITED TO:
 - FREQUENT WATERING OF AREAS DISTURBED BY THE CONTRACTOR.
 - ERECTION OF WIND FENCING.
 - STAGING, SITE CLEARING AND REPLACING OF TOPSOIL TO MINIMISE THE LENGTH OF TIME DISTURBED AREAS ARE LEFT EXPOSED.
 - OPERATIONS WITH DUST CREATING POTENTIAL NOT TO BE CARRIED OUT WHEN WIND VELOCITIES CREATE A NUISANCE.
 - THE TIMELY STABILISATION OF COMPLETED EARTHWORKED AREAS.
- IF DURING THE ACTUAL CONSTRUCTION OF THE WORK, THE SUGGESTED DUST SUPPRESSION MEASURES ARE FOUND TO BE INSUFFICIENT THE RESPONSIBILITY FOR CARRYING OUT THE NECESSARY MEASURES TO ACHIEVE THE DESIRED LEVEL OF DUST SUPPRESSION RESTS TOTALLY WITH THE CONTRACTOR AS OCCUPIER OF THE SITE.
- SITE SPEED LIMIT IS 10KM/HR TO ASSIST WITH DUST SUPPRESSION DURING CONSTRUCTION.

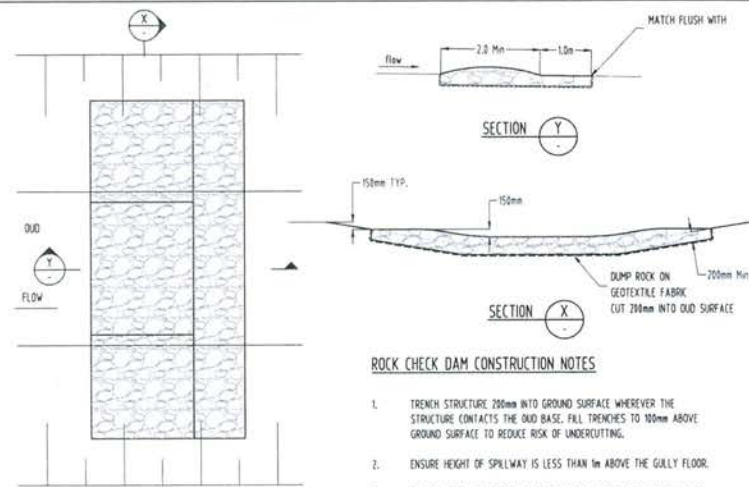
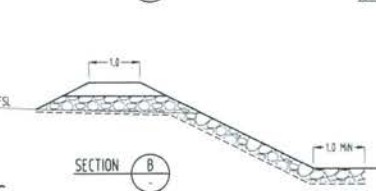
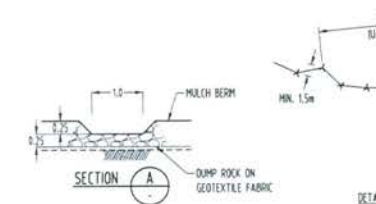


SPILL THROUGH WEIR DETAILS

- ROCK SHALL BE DUMPED ON GEOTEXTILE FABRIC. ROCK SHALL BE 75mm MIN IN SIZE AND BE HARD AND DURABLE.
- ROCK WEIR TO BE PLACED ON COMPACTED FILL SURFACE.
- SPILL THROUGH ROCK WEIR TO BE INSTALLED BY 30th SEPTEMBER.

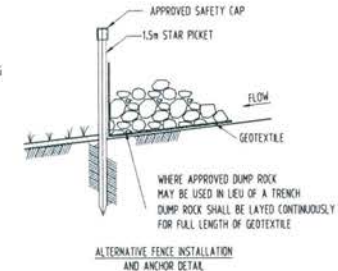
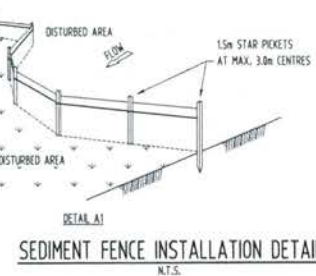
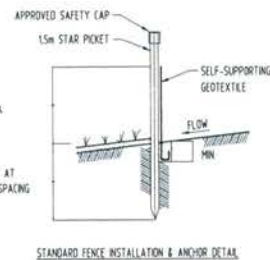
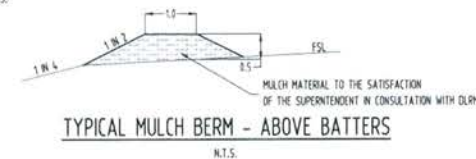
MONITOR & MAINTAIN TOPSOIL & GRASSING OF ALL BATTERS & LOT SURFACES

- RE-SPREADING OF STRIPPED TOPSOIL OR SPREADING OF IMPORTED TOPSOIL AND GRASSING SHALL BE UNDERTAKEN BY 30th SEPTEMBER TO ALLOW THE BEST OPPORTUNITY FOR GERMINATION OF SEEDS.
- THE RESPONSIBILITY LIES WITH THE DEVELOPER TO ENSURE THAT COUNCIL'S REQUIREMENT OF 80% COVERAGE OF GRASS IS PERFORMED PRIOR TO THE DEVELOPER SEEKING THE 'ON' MAINTENANCE CERTIFICATE FROM COUNCIL. REFER TO DARWIN CITY COUNCIL SUBDIVISION & DEVELOPMENT GUIDELINES SECTION 2.6.4.
- GRASS COVERAGE IS TO BE NOMINALLY 80% AT THE COMPLETION OF THE DARWIN CITY COUNCIL DEFECTS PERIOD OF LIABILITY. SHOULD THE COVERAGE OF GRASS DOES NOT COMPLY WITH THE SPECIFICATION PROVIDED ON THESE GUIDELINES, COUNCIL MAY UTILISE THE BOND AMOUNT TO ACHIEVE THE REQUIRED RE-ESTABLISHMENT OF GRASS IN CASE THE DEVELOPER TAKES NO APPROPRIATE ACTION.
- THE DEVELOPER IS ENCOURAGED TO MONITOR THE GROWTH OF GRASS OVER THE DEFECTS PERIOD OF LIABILITY TO ENSURE SPECIFIED COVERAGE IS ACHIEVED.
- SOILS MAY NEED ADJUSTMENT WITH A COMBINATION OF FERTILISERS AND AMELIORANTS TO IMPROVE BOTH THE SHORT AND LONG TERM SUCCESS OF VEGETATION ESTABLISHMENT. FERTILISERS MUST BE APPLIED IN ACCORDANCE WITH MANUFACTURER'S GUIDELINES, OR SITE-SPECIFIC SPECIALIST ADVICE.
- APPLIED GRASS MUST BE SOWN WITH A MIX AND RATE APPROVED BY THE DARWIN CITY COUNCIL.
- THE DEVELOPER MUST ENSURE THAT AN EVEN STROKE OF GRASS GROWS AT AN ACCEPTABLE RATE. THE DEVELOPER IS ADVISED TO UNDERTAKE SOIL TESTING TO IDENTIFY PROPERTIES OF TOPSOIL AND SUBSOIL AND ANY SUBSEQUENT DEFICIENCIES FOR THE INTENDED GRASS SPECIES. SOILS SHOULD BE ADJUSTED WITH A COMBINATION OF FERTILISERS AND AMELIORANTS TO IMPROVE SUCCESS OF RE-VEGETATION.
- THE DEVELOPER MUST ESTABLISH AND MAINTAIN ALL GRASSSED AREAS FOR A MINIMUM OF 14 WEEKS OR UNTIL THE END OF THE DARWIN CITY COUNCIL DEFECTS LIABILITY PERIOD, DEPENDING ON THE GRASS COVERAGE. AREAS OF UNSATISFACTORY GRASS STRIKE OR SCLOURED/DAMAGED AREAS MUST BE REPAIRED AND RE-SOWN AS SOON AS THE PROBLEM BECOMES APPARENT.
- THE DEVELOPER MUST MAINTAIN AND MOW THE GRASS TO A MAXIMUM HEIGHT OF 100mm.
- BETWEEN COMPLETION OF CONSTRUCTION & SALE OF LAND, THE DEVELOPER IS RESPONSIBLE FOR MONITORING & MAINTAINING THESE EROSION & SEDIMENT CONTROLS.



ROCK CHECK DAM CONSTRUCTION NOTES

- TRENCH STRUCTURE 200mm INTO GROUND SURFACE WHEREVER THE STRUCTURE CONTACTS THE DUD BASE. FILL TRENCHES TO 100mm ABOVE GROUND SURFACE TO REDUCE RISK OF UNDERCUTTING.
- ENSURE HEIGHT OF SPILLWAY IS LESS THAN 1m ABOVE THE GULLY FLOOR.
- DUMPED ROCK PROTECTION WORKS WHERE SPECIFIED SHALL BE NOM. 500mm THICK ON GEOTEXTILE FABRIC. ROCK SHALL BE 75mm MIN TO 300mm MAX IN SIZE AND BE HARD AND DURABLE.



SEDIMENT FENCE CONSTRUCTION NOTES:

- CONSTRUCT ALL SEDIMENT CONTROL FENCES ALONG THE CONTOUR WHERE POSSIBLE.
- WHERE SEDIMENT CONTROL FENCES ARE NOT CONSTRUCTED ALONG THE CONTOUR INCORPORATE RETURN PANELS AT REGULAR INTERVALS NOT EXCEEDING 20m.
- ALL STAR PICKETS SHALL INCORPORATE APPROVED SAFETY CAPS
- DIG A 150mm DEEP TRENCH ALONG THE UPSLOPE LINE OF THE FENCE FOR THE BOTTOM OF THE FABRIC TO BE EXTENDED. BACKFILL TRENCH OVER BASE FABRIC. FOR SELF-SUPPORTING GEOTEXTILE TO UPSLOPE SIDE OF POSTS WITH WIRE TIES OR AS RECOMMENDED BY GEOTEXTILE MANUFACTURER. JOIN SECTIONS OF FABRIC AT A SUPPORT POST WITH A 150mm OVERLAP.
- WHERE APPROVED BY THE SUPERINTENDENT DUMP ROCK MAY BE USED TO ANCHOR THE GEOTEXTILE IN LIEU OF A TRENCH.

PRELIMINARY

2014/0410/03

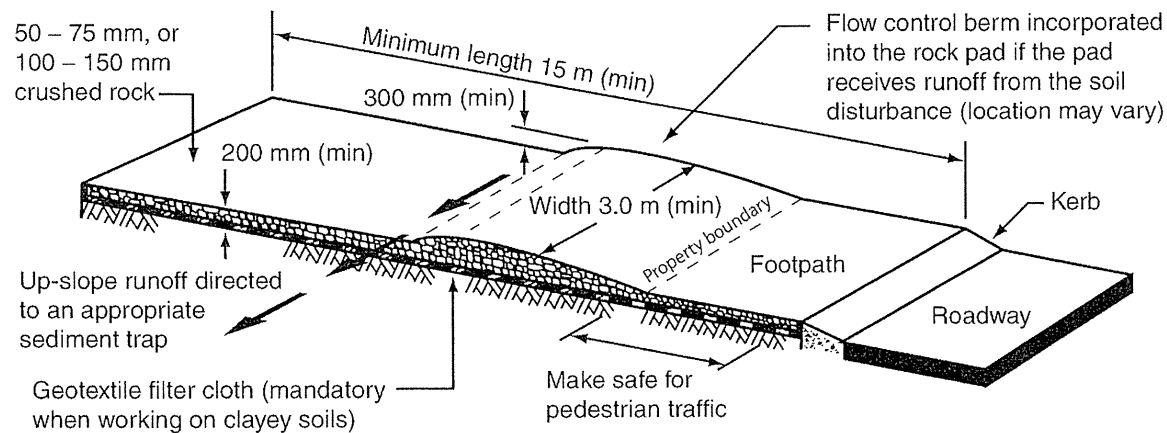
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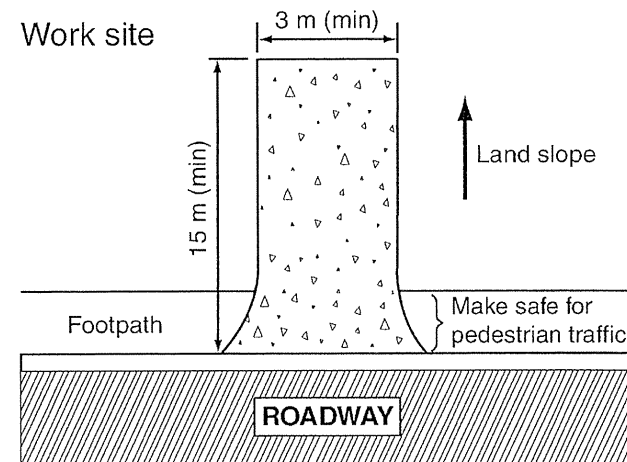
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P.O.Box 43428 Casuarina NT 0811
Ph. 08 89472476 Fax: 08 89475098

DESIGNED	CHECKED	SPB
SPB	SPB	SPB

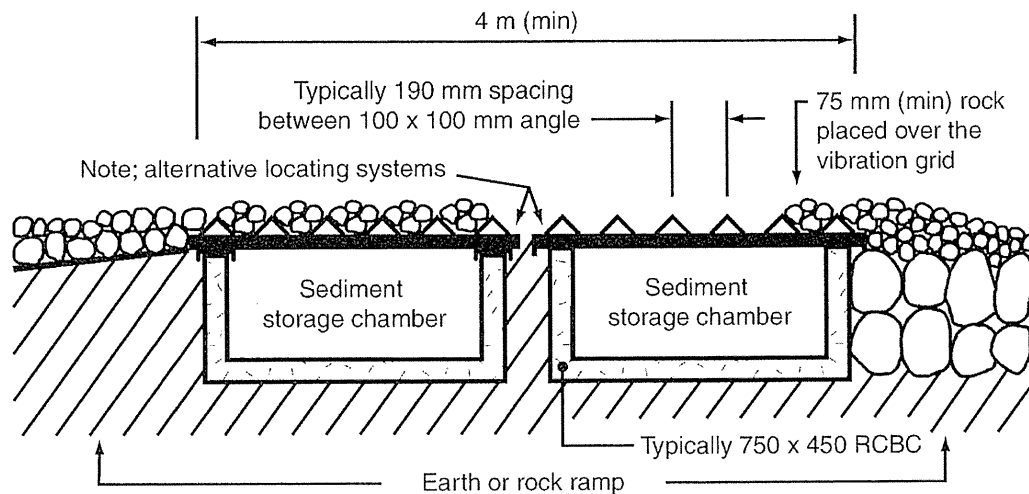
TITLE	TOTEM RD DEVELOPMENT - PART LOT 8630 & PART LOT 5182
PROJECT No	1344
DRAWING No	1344-ESC02
SCALE	AS SHOWN
DATE	2014/0410/03
BY	D



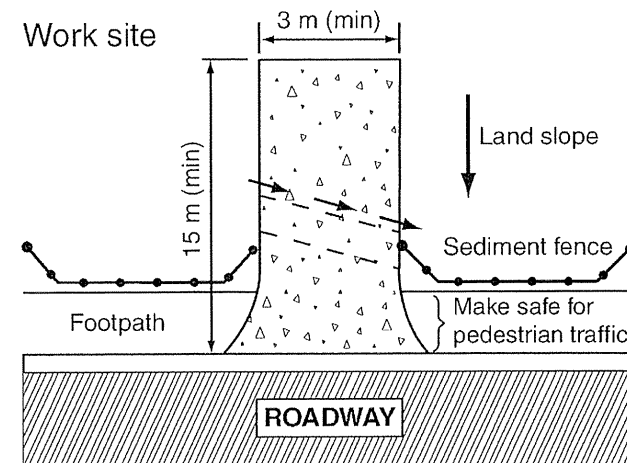
(a) Rock entry/exit pad for construction sites
(refer to Standard Drawing Exit-03 for building sites)



(b) Rock pad sloping away from road



(c) Alternative low maintenance arrangement
(still under development)



(d) Rock pad sloping towards the road

MATERIALS

ROCK: WELL GRADED, HARD, ANGULAR, EROSION RESISTANT ROCK, NOMINAL DIAMETER OF 50 TO 75mm (SMALL DISTURBANCES) OR 100 TO 150mm (LARGE DISTURBANCES). ALL REASONABLE MEASURES MUST BE TAKEN TO OBTAIN ROCK OF NEAR UNIFORM SIZE.

FOOTPATH STABILISING AGGREGATE: 25 TO 50mm GRAVEL OR AGGREGATE.

GEOTEXTILE FABRIC: HEAVY-DUTY, NEEDLE-PUNCHED, NON-WOVEN FILTER CLOTH ('BIDIM' A24 OR EQUIVALENT).

INSTALLATION

1. REFER TO APPROVED PLANS FOR LOCATION AND DIMENSIONAL DETAILS. IF THERE ARE QUESTIONS OR PROBLEMS WITH THE LOCATION, DIMENSIONS, OR METHOD OF INSTALLATION, CONTACT THE ENGINEER OR RESPONSIBLE ON-SITE OFFICER FOR ASSISTANCE.

2. CLEAR THE LOCATION OF THE ROCK PAD, REMOVING STUMPS, ROOTS AND OTHER VEGETATION TO PROVIDE A FIRM FOUNDATION SO THAT THE ROCK IS NOT PRESSED INTO SOFT GROUND. CLEAR SUFFICIENT WIDTH TO ALLOW PASSAGE OF LARGE VEHICLES, BUT CLEAR ONLY THAT NECESSARY FOR THE EXIT. DO NOT CLEAR ADJACENT AREAS UNTIL THE REQUIRED EROSION AND SEDIMENT CONTROL DEVICES ARE IN PLACE.

3. IF THE EXPOSED SOIL IS SOFT, PLASTIC OR CLAYEY, PLACE A SUB-BASE OF CRUSHED ROCK OR A LAYER OF HEAVY-DUTY FILTER CLOTH TO PROVIDE A FIRM FOUNDATION.

4. PLACE THE ROCK PAD FORMING A MINIMUM 200mm THICK LAYER OF CLEAN, OPEN-VOID ROCK.

5. IF THE ASSOCIATED CONSTRUCTION SITE IS UP-SLOPE OF THE ROCK PAD, THUS CAUSING STORMWATER RUNOFF TO FLOW TOWARDS THE ROCK PAD, THEN FORM A MINIMUM 300mm HIGH FLOW CONTROL BERM ACROSS THE ROCK PAD TO DIVERT SUCH RUNOFF TO A SUITABLE SEDIMENT TRAP.

6. THE LENGTH OF THE ROCK PAD SHOULD BE AT LEAST 15m WHERE PRACTICABLE, AND AS WIDE AS THE FULL WIDTH OF THE ENTRY OR EXIT AND AT LEAST 3m. THE ROCK PAD SHOULD COMMENCE AT THE EDGE OF THE OFF-SITE SEALED ROAD OR PAVEMENT.

7. FLARE THE END OF THE ROCK PAD WHERE IT MEETS THE PAVEMENT SO THAT THE WHEELS OF TURNING VEHICLES DO NOT TRAVEL OVER UNPROTECTED SOIL.

8. IF THE FOOTPATH IS OPEN TO PEDESTRIAN MOVEMENT, THEN COVER THE COARSE ROCK WITH FINE AGGREGATE OR GRAVEL, OR OTHERWISE TAKE WHATEVER MEASURES ARE NEEDED TO MAKE THE AREA SAFE.

MAINTENANCE

1. INSPECT ALL SITE ENTRY AND EXIT POINTS PRIOR TO FORECAST RAIN, DAILY DURING EXTENDED PERIODS OF RAINFALL, AFTER RUNOFF-PRODUCING RAINFALL, OR OTHERWISE AT FORTNIGHTLY INTERVALS.

2. IF SAND, SOIL, SEDIMENT OR MUD IS TRACKED OR WASHED ONTO THE ADJACENT SEALED ROADWAY, THEN SUCH MATERIAL MUST BE PHYSICALLY REMOVED, FIRST USING A SQUARE-EDGED SHOVEL, AND THEN A STIFF-BRISTLED BROOM, AND THEN BY A MECHANICAL VACUUM UNIT, IF AVAILABLE.

3. IF NECESSARY FOR SAFETY REASONS, THE ROADWAY SHALL ONLY BE WASHED CLEAN AFTER ALL REASONABLE EFFORTS HAVE BEEN TAKEN TO SHOVEL AND SWEEP THE MATERIAL FROM THE ROADWAY.

4. WHEN THE VOIDS BETWEEN THE ROCK BECOMES FILLED WITH MATERIAL AND THE EFFECTIVENESS OF THE ROCK PAD IS REDUCED TO A POINT WHERE SEDIMENT IS BEING TRACKED OFF THE SITE, A NEW 100mm LAYER OF ROCK MUST BE ADDED AND/OR THE ROCK PAD MUST BE EXTENDED.

5. ENSURE ANY ASSOCIATED DRAINAGE CONTROL MEASURES (e.g. FLOW CONTROL BERM) ARE MAINTAINED IN ACCORDANCE WITH THEIR DESIRED OPERATIONAL CONDITIONS.

6. DISPOSE OF SEDIMENT AND DEBRIS IN A MANNER THAT WILL NOT CREATE AN EROSION OR POLLUTION HAZARD.

REMOVAL

1. THE ROCK PAD SHOULD BE REMOVED ONLY AFTER IT IS NO LONGER NEEDED AS A SEDIMENT TRAP.

2. REMOVE MATERIALS AND COLLECTED SEDIMENT AND DISPOSE OF IN A SUITABLE MANNER THAT WILL NOT CAUSE AN EROSION OR POLLUTION HAZARD.

3. RE-GRADE AND STABILISE THE DISTURBED GROUND AS NECESSARY TO MINIMISE THE EROSION HAZARD.

Drawn:

GMW

Date:

Apr-10

Construction Exit - Rock Pad
(construction sites only)

Exit-02

2014/0410/05

NORTHERN TERRITORY OF AUSTRALIA

Planning Act 1999 - section 59

EXTENSION OF PERIOD OF PERMIT

DP15/0078D

DESCRIPTION OF LAND THE SUBJECT OF THE PERMIT

Lot 05182
Lot 08630
Town of Darwin
Town of Nightcliff
213 DICK WARD DR, LUDMILLA
95 DICK WARD DR, COCONUT GROVE

PERIOD OF EXTENSION

The Development Consent Authority has determined to extend the period of Development Permit DP15/0078 by a period of 1 year.

Development Permit DP15/0078 will now lapse on 12 February 2026.

In all other respects DP15/0078 remains unchanged.

 Suzanne
Philip
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+09'30'

SUZANNE PHILIP
Delegate
Development Consent Authority
16 January 2025