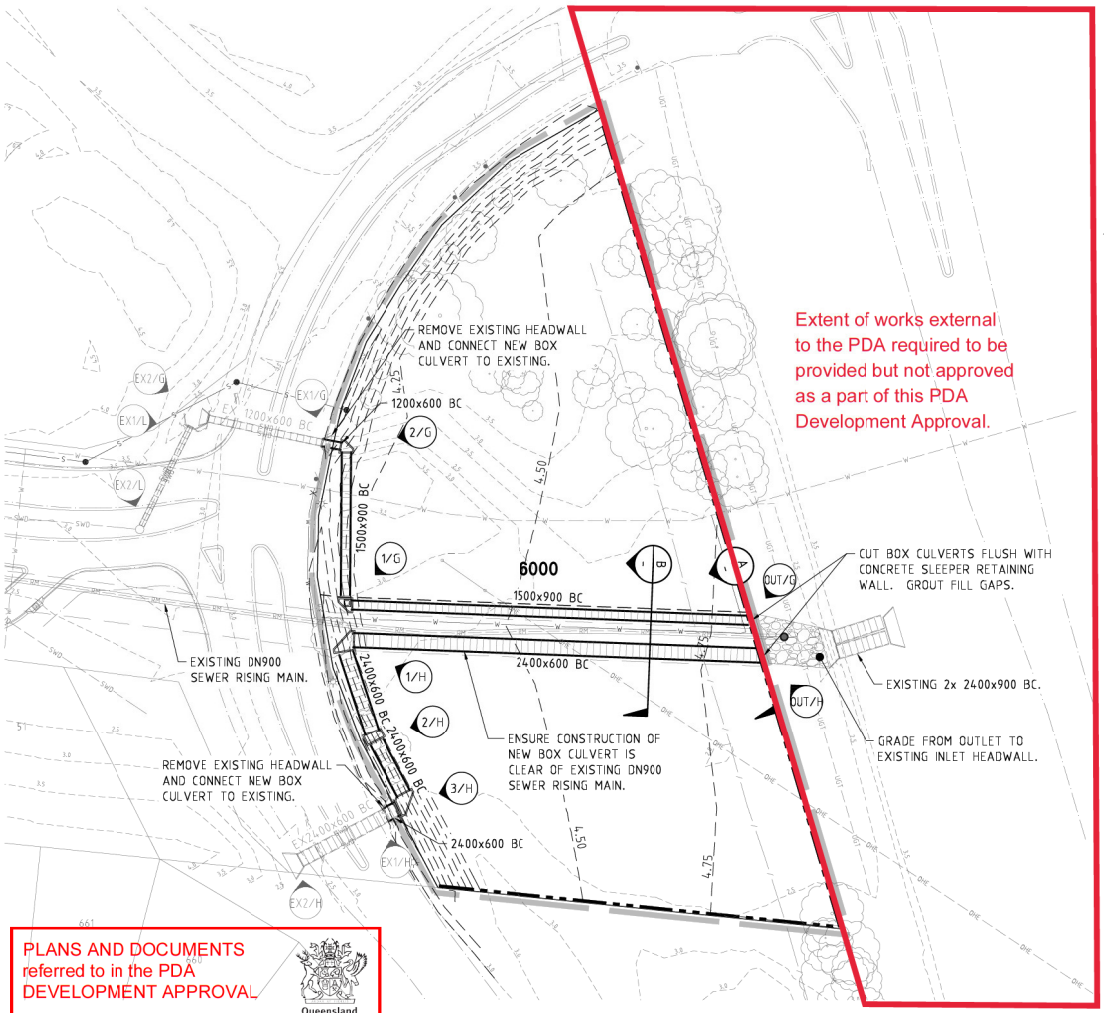


Extent of works external to the PDA required to be provided but not approved as a part of this PDA Development Approval.

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV2015/725

Date: 6 OCT 2016

Queensland Government

LEGEND

- STAGE BOUNDARY
- PROPOSED RETAINING WALL
- EXISTING LAYBACK KERB AND CHANNEL
- EXISTING LAYBACK KERB ONLY
- PROPOSED STORMWATER DRAINAGE
- DESIGN SURFACE CONTOUR (0.25m INTERVALS)
- EXISTING SURFACE CONTOUR (0.5m INTERVALS)
- PROPOSED SEWER RETICULATION
- EXISTING SEWER RETICULATION
- EXISTING SEWER RISING MAIN
- PROPOSED WATER RETICULATION
- EXISTING WATER RETICULATION
- EXISTING STORMWATER DRAINAGE
- EXISTING OVER HEAD ELECTRICAL - TO BE REMOVED

ROOFWATER NOTES

1. SET OUT POINT FOR DRAINAGE STRUCTURES IS TO THEIR GEOMETRIC CENTRE.
2. ROOFWATER HOUSE CONNECTIONS AND SETOUT REFER T.C.C. STANDARDS
3. UNLESS SHOWN OTHERWISE. FOR ROOFWATER PIT DETAILS REFER T.C.C STORMWATER DRAINAGE DESIGN MANUAL D5.10.
4. ROOFWATER ALIGNMENT TO BE 0.1m OFF PROPERTY BOUNDARY UNLESS SHOWN OTHERWISE.
5. ROOFWATER DRAINLINES SHALL BE BEDDED AND SURROUNDED WITH SAND TO 100mm ABOVE THE CROWN OF PIPE.
6. HOUSE CONNECTIONS TO EXTEND A MINIMUM OF 1.0m PAST ADJACENT SEWER LINES.
7. ROOFWATER DRAINAGE PIPES TO BE MIN uPVC CLASS SN6, RCP OR FRC CLASS 2 WITH RUBBER RING JOINTS.
8. MINIMUM COVER TO PIPES TO BE 450mm AND TO SUIT FINISHED SURFACE LEVEL.
9. ENDS OF PIPES AND STUBS TO BE CAPPED.

Roof water notes - Not part of this approval

NOTE:
REFER DRG. No. 15-003077-513 TO 519 FOR STORMWATER MANHOLE SETOUT AND DETAILS.

AMENDED IN RED

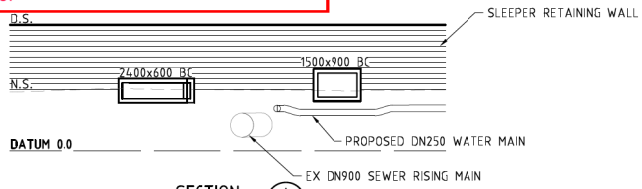
By: Laura Shobbrook

Date: 27 SEP 2016

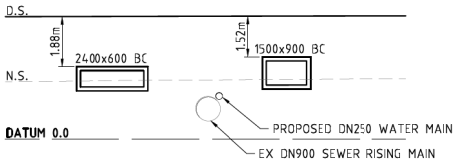
Queensland Government

ROADWORKS AND DRAINAGE NOTES

1. ALL WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH CURRENT T.C.C. STANDARD DRAWINGS AND METHODS.
2. NOTWITHSTANDING THE LIMITS OF CUTTING AND FILLING SHOWN ON THE CROSS SECTIONS, THE ACTUAL LIMITS SHALL BE DETERMINED ON-SITE BY THE SUPERINTENDENT DURING CONSTRUCTION AND SIMILARLY THE FINISHED SURFACE CONTOURS MAY BE ADJUSTED BY WRITTEN DIRECTION OF THE SUPERINTENDENT DURING CONSTRUCTION.
3. LEVELS FOR KERB AND CHANNELING CONSTRUCTION ARE AT EQUAL INTERVALS AT LIP OF CHANNEL UNLESS SHOWN OTHERWISE.
4. SIDE DRAINS TO BE CONSTRUCTED UNDER ALL KERBS AND ALL KERB AND CHANNEL AND IN LOCATIONS DIRECTED BY THE SUPERINTENDENT IN ACCORDANCE WITH T.C.C. STANDARDS.
5. LEVELS AND GRADIENTS AT JUNCTIONS WITH EXISTING WORKS MAY BE VARIED AS REQUIRED TO ACHIEVE A SATISFACTORY CONNECTION AND THE CONTRACTOR SHALL INCLUDE THE COST OF THIS WORK IN THE TENDER PRICE. WHERE NEW WORK JOINS EXISTING, THE WORK SHALL TRANSITION NEATLY WITH THE PAVEMENT SO THAT DEVIATION FROM THE LINE OF A 3.0m STRAIGHT EDGE SHALL BE NO GREATER THAN 10mm.
6. ALL STORMWATER PIPES UNDER ROADWAYS AND FOOTPATHS SHALL BE RCP OR FRC CLASS 2.
7. ALL STORMWATER PIPES UP TO AND INCLUDING 600Ø SHALL BE R.R.J. STORMWATER PIPES GREATER THAN 600Ø SHALL BE INTERNAL FLUSH JOINTED WITH PROPRIETARY EXTERNAL BAND.
8. STEPIRONS ARE TO BE PROVIDED IN STORMWATER MANHOLES AND GULLIES GREATER THAN 1.20m DEEP.
9. STORMWATER PIPE BEDDING SHALL BE IN ACCORDANCE WITH T.C.C. STANDARDS.
10. CONTRACTOR TO REFER TO AS 2032 IN RELATION TO PIPE COVER TO ASSESS SUITABILITY OF MACHINERY USED ON SITE.
11. CONDUITS SHALL BE IN ACCORDANCE WITH AS 3725 & AS 2032
12. ALL DIMENSIONS ARE IN METRES UNLESS SHOWN OTHERWISE.
10. ALL FOOTPATH PRAM RAMPS ARE TO COMPLY TO COUNCILS STANDARD DRAWINGS AND BE LOCATED CLEAR OF FUTURE DRIVEWAYS
11. SUBGRADE TEST RESULTS TO BE FORWARDED TO SUPERINTENDENT. FOR DETERMINATION OF BOX DEPTHS PRIOR TO EXCAVATION, TESTS SHALL INCLUDE SOAKED CBR AND/OR OTHER TESTS AS REQUESTED BY THE SUPERINTENDENT.
12. CONTRACTOR TO LIAISE WITH ALL RELEVANT SERVICE AUTHORITIES TO ASCERTAIN SERVICES PRESENT ON-SITE. ANY ALTERATION WORKS TO SERVICES WILL BE CARRIED OUT BY THAT SERVICE AUTHORITY ONLY.
13. FOOTPATHS AND BATTERS TO HAVE MINIMUM OF 75mm TOPSOIL (AND GRASSING IF ORDERED).
14. ALL EXCAVATION AND FILLING SHALL BE COMPACTED TO THE REQUIREMENTS OF AS3798-2007 IN ACCORDANCE WITH THE LOCAL AUTHORITY REQUIREMENTS. LEVEL 1 SUPERVISION IS REQUIRED.
15. THE CONTRACTOR SHALL NOTIFY THE SUPERINTENDENT PRIOR TO COMMENCEMENT OF DEMOLISHING ANY EXISTING STRUCTURES WITHIN THE SITE AREAS.
16. THE STORMWATER PIPE CLASSES HAVE BE DESIGNED FOR SERVICE LOADS ONLY, AND THE CONTRACTOR SHALL ACCESS ANTICIPATED CONSTRUCTION LOADS AND UPGRADE THE PPE CLASSES IF NECESSARY, IN ACCORDANCE WITH AS3725-2007.
17. RETAINING WALL SUBSOIL DRAINS TO CONNECT TO KERB AND CHANNEL SUBSOIL OR STORMWATER DRAINAGE STRUCTURES.
18. WORKS SHALL BE PROGRAMMED SO AS NOT TO DISTURB NEARBY HOUSEHOLDERS EITHER BY DUST, NOISE, FLOODING OR DISCONNECTION OF SERVICES.
19. ALL CONSTRUCTION ACTIVITIES SHALL COMPLY WITH WORKPLACE HEALTH AND SAFETY REQUIREMENTS.



SECTION A
SCALE (A1): 1:100
SCALE (A3): 1:200



SECTION B
SCALE (A1): 1:100
SCALE (A3): 1:200

NOTE:
NOTWITHSTANDING THAT EXISTING SERVICES MAY OR MAY NOT BE SHOWN ON THE JOB DRAWINGS, NO RESPONSIBILITY IS TAKEN BY THE SUPERINTENDENT OR THE PRINCIPAL FOR THIS INFORMATION WHICH HAS BEEN SUPPLIED BY OTHERS. THE DETAILS ARE PROVIDED FOR INFORMATION ONLY. THE CONTRACTOR SHALL ASCERTAIN THE POSITION OF ANY UNDERGROUND SERVICES IN THIS AREA AND SHALL BE RESPONSIBLE FOR MAKING GOOD ANY DAMAGE THERETO.

CAUTION !!
UNDERGROUND ELECTRICAL CABLES
UNDERGROUND ELECTRICITY CABLES EXIST IN THIS VICINITY. CONTACT ENERGEX FOR CABLE LOCATIONS. EXTREME CARE MUST BE TAKEN WHILST EXCAVATING

CAUTION !!
UNDERGROUND GAS MAINS
UNDERGROUND GAS MAINS EXIST IN THIS VICINITY. CONTACT SUPPLIER FOR SERVICE LOCATIONS. EXTREME CARE MUST BE TAKEN WHILST EXCAVATING.

CAUTION !!
UNDERGROUND TELECOMMS CABLES
UNDERGROUND TELECOMMUNCATION CABLES EXIST IN THIS VICINITY. CONTACT SUPPLIER FOR CABLE LOCATIONS. EXTREME CARE MUST BE TAKEN WHILST EXCAVATING.

FILE: 15-003077-501.dwg DATE: 14-03-2016 TIME: 11:50
Xref's: X_15003077_Base X_15003077_Existing X_15003077_contours X_15003077_TITLE USR: Adam Armfield

ISSUE	CALCS	DRAWN	DATE	AMENDMENT DETAILS
A	AA	LS	14.03.16	
B				
C				
D				
E				
F				

DESIGN CHECK
DRAWN CHECK
SCALE (METRES) 1:500 1:1000 10 5 0 10 20 A1 A3
MICROFILM No.
PROJECT No. 15-003077

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APPROVED MATTHEW HILL RPEQ 11578
FOR & ON BEHALF OF CALIBRE CONSULTING (QLD) PTY LTD

CLIENT: ECONOMIC DEVELOPMENT QUEENSLAND
PROJECT: THE VILLAGE TOWNSVILLE FUEL SITE

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DRAWING TITLE: ROADWORKS AND DRAINAGE LAYOUT PLAN
DRAWING NUMBER: 15-003077-501
ISSUE