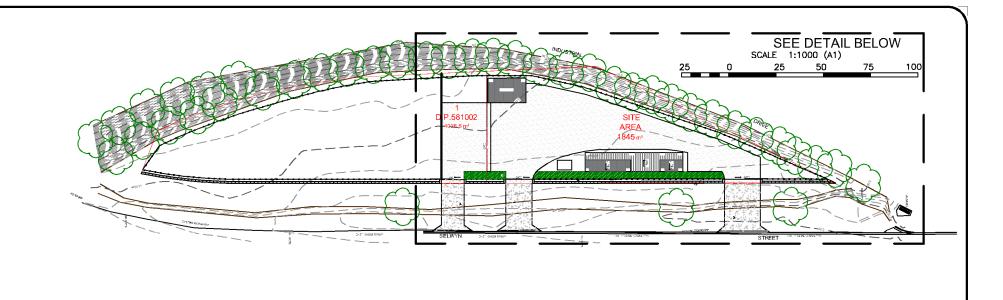
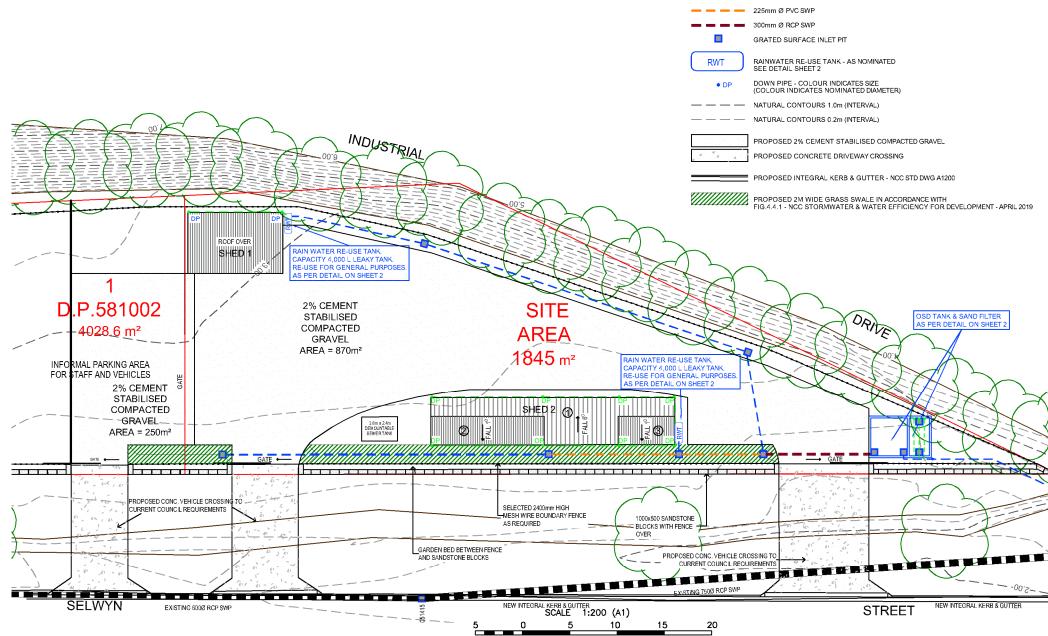
- DESIGNED IN ACCORDANCE WITH THE REQUIRMENTS OF COUNCIL'S DCP, CONSTRUCTION SPECIFICATION AND STANDARD DRAWINGS WHERE APPLICABLE.
- ALL WORK IS TO BE IN ACCORDANCE WITH AS 3500.3:2018
- ALL EXISTING SERVICES INCLUDING EXISTING DRAINAGE STRUCTURES AND PIPES ARE TO BE LOCATED PRIOR TO WORK COMMENCING
- U-PVC PIPES TO BE SEWER GRADE DWV TO AS1260:2017
- MINIMUM PIPE FALLS: 1.0%
- DOWNPIPE & RAINWATER TANK LOCATIONS ARE DIAGRAMATIC ONLY AND FINAL LOCATIONS
- TO BE DETERMINED ONSITE BETWEEN THE PLUMBER AND THE OWNER.
- TANK MANUFACTURER, TYPE AND STYLE ETC TO BE NOMINATED BY THE CLIENT AT CC STAGE.
- MINIMUM NOMINATED CAPACITY TO BE INSTALLED.
- ALL PIPES TO BE 100Ø UPVC UNLESS NOTED OTHERWISE ON PLAN
- SEDIMENT AND EROSION CONTROLS TO BE PROVIDED IN ACCORDANCE WITH ALL LOCAL AND STATUTORY REGULATIONS
- REFER TO ARCHITECT FOR BUILDING AND DRIVEWAY SETOUT
- PIPE POSITIONS ARE INDICATIVE ONLY. FINAL POSITIONS TO BE DETERMINED ON SITE AND SHALL CONFORM WITH THE INTENT OF THIS DESIGN.
- THE ENGINEER SHALL BE ADVISED IF ANY EXISTING STRUCTURES ARE WITHIN THE ZONE OF INFLUENCE OF ANY EXCAVATION. ANY REQUIRED UNDERPINNING OR PIERING SHALL BE
- WHERE EXCAVATING ADJACENT TO BOUNDARIES ADEQUATE SHORING SHALL BE PROVIDED
- THE CONTRACTOR SHALL ENSURE THAT ALL NEW STRUCTURES ARE FOUNDED BELOW THE ZONE OF INFLUENCE OF ANY EXCAVATIONS WHETHER THEY BE FOR PIPELINES, TANKS OR
- UNLESS NOTED OTHERWISE, THE MAXIMUM DEVIATION FROM NOMINATED LEVELS SHALL BE +/-10MM, EXCEPT IN INSTANCES WHERE SUCH A DEVIATION COULD HAVE ADVERSE EFFECT, IN WHICH CASE, THE DESIGNER SHALL BE CONSULTED
- LOAD CLASS FOR COVERS/GRATES SHALL BE IN ACCORDANCE WITH AS3996 1992. COMMON CASES FOR RESIDENTIAL SITES ARE SUMMARIZED IN THE FOLLOWING TABLE:

CLASS	LOADING	DESCRIPTION
Α	10 KN	INACCESSIBLE TO VEHICLES.PEDESTRIAN TRAFFIC ONLY.
В	80 KN	FOR USE ON FOOTPATHS OR FOOTWAYS WHERE IT IS POSSIBLE FOR LIGHT VEHICLES OR LIVESTOCK TO USE PEDESTRIAN FACILITY.
C	150 KN	FOR USE IN PEDESTRIAN ACCESS WITH OCCASIONAL MOTOR VEHICLES WITH WHEEL LOADS NOT EXCEEDING 3.7 TONNES. <u>OR</u> FOR USE IN MINOR RESIDENTIAL ROADS & CUL-DE-SACS CARRYING SLOW MOOVING COMMERCIAL VEHICLES (GENERATING NO IMPACT LOADING) WHERE WHEEL LOADS WILL NOT EXCEED 7.5 TONNES

- UNTIL COMPLETION OF ALL WORKS. THE CONTRACTOR SHALL FIRSTLY FILTER ALL STORMWATER IN ACCORDANCE WITH APPROVED DETAILS TO ENSURE THE REMOVAL OF ALL CONCRETE AND PLASTERING FINES, AND OTHER BUILDING SITE POLLUTANTS.
- THE CONTRACTOR SHALL ADEQUATELY SHIELD PIPES AGAINST CONSTRUCTION AND PERMANENT LOADS, WHERE ADEQUATE COVER CANNOT BE PROVIDED, PIPES SHALL BE ENCASED
- UNLESS NOTED OTHERWISE, WHERE A PIT INVERT IS BELOW THE INVERT OF THE LOWEST OUTLET PIPE THE CONTRACTOR SHALL EITHER PROVIDE DRAINAGE HOLES IN THE BASE OF THE PIT OR ELSE FILL THE BASE OF THE PIT WITH MASS CONCRETE TO THE INVERT OF THE LOWEST OUTLET PIPE
- WHERE REQUIRED BY REGULATIONS, STEP IRONS IN ACCORDANCE WITH AS1657 SHALL BE INSTALLED IN DEEP PITS/TANKS TO ALLOW ACCESS FOR MAINTENANCE. PIT COVERS OVER DEEP PITS SHALL BE 'CHILD-PROOFED' BY BOLTING THEM DOWN, EXCEPT WHERE THE COVER WEIGHS OVER 30kg.
- ALL IMPERVIOUS SURFACES SHALL BE GRADED SUCH THAT THEY ARE FREE DRAINING
- YARD PITS SHALL BE PROVIDED AS REQUIRED. YARDS SHALL BE GRADED TO FALL TO PITS UNLESS INTRICATE OTHERWISE (EG. BY DESIGN CONTOURS, SPOT LEVELS OR A NOTE)
- UPON COMPLETION, PIPE/PIT EXCAVATIONS SHALL BE BACKFILLED WITH SUITABLE MATERIAL AND COMPACTED TO A DENSITY EQUIVALENT TO THE SURROUNDING NATURAL MATERIAL
- WHERE REQUIRED BY THE PRINCIPAL CERTIFY, WORK-AS-EXECUTED DETAILS SHALL BE PREPARED BY A REGISTERED SURVEYOR/CHARTED PROFESSIONAL ENGINEER VERIFYING THAT THE DRAINAGE SYSTEM HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THE DRAWINGS, ANY DEVIATION FROM THE APPROVED PLANS SHALL BE NOTED AND BROUGHT TO THE ATTENTION OF THE DESIGNER. ADEQUATE INSPECTIONS SHOULD BE CARRIED OUT DURING THE COURSE OF CONSTRUCTION
- WHERE CERTIFICATION WILL BE REQUIRED, THE DESIGNER SHALL BE CALLED ON TO INSPECT THE WORKS PRIOR TO ANY CONCRETE POURS, PRIOR TO BACKFILLING AROUND ANY TANKS, AND AT THE COMPLETION OF WORKS, THE DESIGNER SHALL BE GIVEN A MINIMUM OF 24 HOURS NOTICE BEFORE AN INSPECTION IS REQUIRED
- ANY PROPOSED ALTERATIONS TO THE DETAILS SHOWN ON THE DRAWINGS SHALL BE SUBMITTED TO
- LEAF SCREENS, SILT CONTROLS AND ANY OTHER POLLUTANT CONTROL DEVICES SHALL BE REGUARLY SERVICED TO ENSURE THAT THE DRAINAGE SYSTEM REMAINS UNBLOCKED AND OPERATED AS ORIGINALLY INTENDED
- OVERLAND FLOW PATHS SHALL BE REGUARLY MAINTAINED AND KEPT FREE OF OBSTRUCTIONS TO THE FLOW OF WATER
- SUBSOIL DRAINAGE LINES SHALL BE PROVIDED BEHIND RETAINING WALLS AND OTHER AREA AS REQUIRED TO RELIVE HYDROSTATIC PRESSURE AND DRAIN GROUND WATERS. CONNECT INTO THE DRAINAGE SYSTEM IN SUCH A WAY AS TO AVOID BLACKFLOW OF STORMWATER INTO THE SUBSOIL DRAINAGE LINE. IF IN DOUBT REFER TO ENGINEER.
- NEW FENCES, RETAINING WALL AND OTHER LANDSCAPING ITEMS SHALL BE DETAILED IN SUCH A WAY SO AS TO AVOID IMPOUNDING OR DIVERTING SURFACE WATERS ONTO ADJOINING PROPERTIES.





AR PARKING AREA ADDED DRAINS MODELLING UNDERTAKEN NITIAL ISSUE

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Client / Council Development Consent Number

AS SHOWN (A1 Contour Int: B.B. AW Designed: Drawn: B.B. Checked: Approved: Drawing File: 6759-Hydro-5 Registered Surveyor:



STORMWATER MANAGEMENT PLAN No.20 SELWYN STREET **MAYFIELD**

LEGEND:

