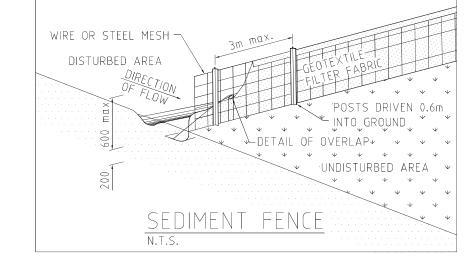
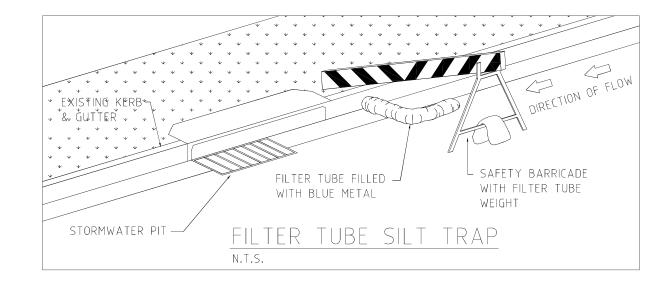
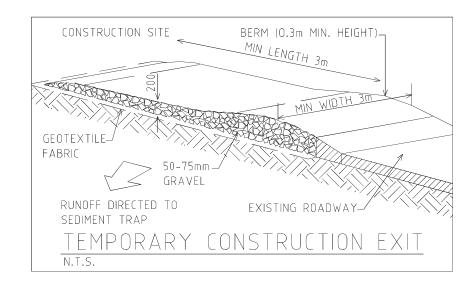
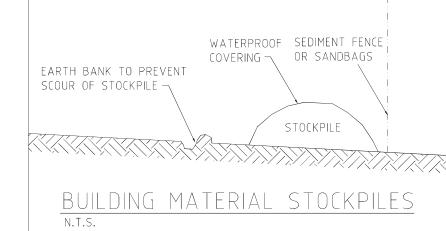


SOIL AND WATER MANAGEMENT PLAN SCALE 1:200 NOTE: CONNECT DOWN PIPES AS SOON AS ROOF IS ON.



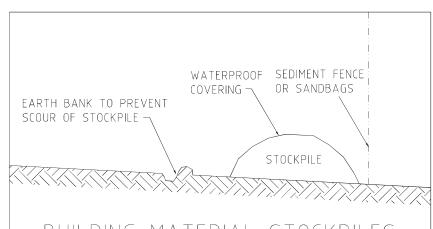


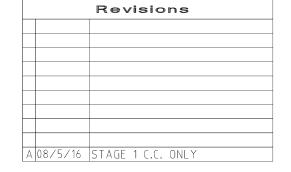




SEDIMENT CONTROL NOTES

- 1. ALL EROSION AND SEDIMENTATION CONTROL MEASURES, INCLUDING REVEGETATION AND STORAGE OF SOIL, SHALL BE IMPLEMENTED TO THE STANDARDS OF SOIL CONSERVATION N.S.W.
- 2. ALL DRAINAGE WORKS SHALL BE CONSTRUCTED AND STABILIZED AS EARLY AS POSSIBLE DURING DEVELOPMENT.
- 3. SEDIMENT TRAPS SHALL BE CONSTRUCTED AROUND ALL INLET PITS,
- CONSISTING OF 300mm WIDE x 300mm DEEP TRENCH. 4. ALL SEDIMENT BASINS AND TRAPS SHALL BE CLEANED WHEN THE STRUCTURES ARE A MINIMUM OF 60% FULL OF SOIL MATERIALS, INCLUDING DURING THE MAINTENANCE PERIOD.
- 5. ALL DISTURBED AREAS SHALL BE REVEGETATED AS SOON AS THE
- RELEVANT WORKS ARE COMPLETED. 6. SOIL AND STOCKPILES SHALL BE LOCATED AWAY FROM DRAINAGE LINES
- AND AREAS WHERE WATER MAY CONCENTRATE. . FILTER SHALL BE CONSTRUCTED BY STRETCHING A FILTER FABRIC
- (PROPEX OR APPROVED EQUIVALENT BETWEEN POST AT 3.0M CENTERS. FABRIC SHALL BE BURIED 150 mm ALONG ITS LOWER EDGE.
- 8. CONTROL SURFACE WATER FLOW IN A MANNER THAT: A- DIVERTS RUN-OFF AROUND DISTURBED AREAS
- B- MINIMISES SLOPE AND FLOW DISTANCE WITHIN DISTURBED AREAS C- ENSURES SURFACE RUN-OFF OCCURS AT NON-ERODABLE VELOCITIES D- ENSURES DISTURBED AREAS ARE PROMPTLY REHABILITATED





EROSION CONTROL NOTES

- 1. ALL EROSION AND SILTATION CONTROL DEVICES ARE TO BE PLACED PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION WORKS, AND ALL SILT TRAPS ARE TO HAVE DEPOSITED SILT REMOVED REGULARLY DURING CONSTRUCTION.
- 2. ALL TREES ARE TO BE PRESERVED UNLESS INDICATED OTHERWISE ON THE ARCHITECT'S OR LANDSCAPE ARCHITECT'S DRAWINGS. EXISTING GRASS COVER SHALL BE MAINTAINED EXCEPT IN AREAS CLEARED FOR BUILDINGS, PAVEMENTS ETC.
- 3. INSTALL TEMPORARY SEDIMENT BARRIERS TO ALL INLET PITS LIKELY TO COLLECT SILT LADDEN WATER, TO COUNCIL'S STANDARDS
- 4. NOT WITHSTANDING DETAILS SHOWN IT IS THE CONTRACTORS SOLE RESPONSIBILITY TO ENSURE THAT ALL SITE ACTIVITIES COMPLY WITH THE REQUIREMENTS OF THE CLEAN WATERS ACT.
- 5. ALL TOPSOIL TO BE CONSERVED FOR RE-USE ON SITE

- 1. ALL LINES ARE TO BE Ø 100 U.P.V.C @ MIN 1.0% GRADE UNLESS NOTED OTHERWISE. CHARGED LINES TO BE SEWER GRADE & SEALED.
- 2. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE & LEVEL ALL EXISTING SERVICES PRIOR TO THE COMMENCEMENT OF ANY
- 3. ALL PIPES TO HAVE MIN 150mm COVER IF LOCATED WITHIN PROPERTY. 4. ALL PITS IN DRIVEWAYS TO BE 450x450 CONCRETE AND ALL PITS IN
- LANDSCAPED AREAS TO BE 450x450 PLASTIC. 5. PITS LESS THAN 600 DEEP MAY BE BRICK, PRECAST OR CONCRETE.
- 6. PITS DEEPER THAN 900 MUST BE 900x900 AND HAVE STEP RUNGS AT 300 CENTRES.
- 7. ALL BALCONIES AND ROOFS TO BE DRAINED AND TO HAVE SAFETY OVERFLOWS IN ACCORDANCE WITH RELEVANT AUSTRALIAN STANDARDS.
- 8. ALL EXTERNAL SLABS TO BE WATERPROOFED. 9. ALL GRATES TO HAVE CHILD PROOF LOCKS.
- 10. ALL DRAINAGE WORKS TO AVOID TREE ROOTS.
- 11. ALL DP'S TO HAVE LEAF GUARDS
- 12. ALL EXISTING LEVELS TO BE CONFIRMED BY BUILDER PRIOR TO CONSTRUCTION.
- 13. ALL WORK WITHIN COUNCIL RESERVE TO BE INSPECTED BY COUNCIL PRIOR TO CONSTRUCTION.
- 14. COUNCIL'S ISSUED FOOTWAY DESIGN LEVELS TO BE INCORPORATED INTO THE FINISHED LEVELS ONCE ISSUED BY COUNCIL.
- 15. ALL WORK SHALL BE IN ACCORDANCE WITH B.C.A. AND A.S.3500.3.
- 16. EXISTING STORMWATER PIPE LOCATIONS HAVE BEEN ASSUMED. PLUMBER TO INSPECT PRIOR TO WORKS AND UPGRADE PIPES AS NECESSARY.

F.F.L. FINISHED FLOOR LEVEL FINISHED GARAGE LEVEL F.G.L. TOP OF KERB FINISHED LEVEL EXISTING LEVEL SURFACE LEVEL INVERT LEVEL ROOF CATCHMENT AREA (m2) 20 R IMPERVIOUS CATCHMENT AREA (m2) LANDSCAPED CATCHMENT AREA (m2) Ø100 DOWN PIPE OR EQUIVALENT SPREADER VERTICAL DROP RAIN WATER HEAD & DOWN PIPE CLEAN OUT POINT Ø 150 SUMP CONCRETE COVER JUNCTION PIT GRATED INLET PIT 450×450 200Wx100D GRATED DRAIN WITH 2% BTM SLOPE STORMWATER PIPE SUSPENDED STORMWATER PIPE CHARGED STORMWATER PIPE PUMP LINE Ø100 SUBSOIL PIPE

> SILT FENCE OVERLAND FLOW



1m 0 1 2 3 4 5m 1 : 100 A1

STAGE 1 C.C. ONL' ANTERBURY COUNCI

DIAL 1100 BEFORE YOU DIG NO SUBSURFACE INVESTIGATION HAS BEEN MADE IT IS YOUR RESPONSIBILITY TO OBTAIN SERVICE

DIAGRAMS FROM RELEVANT AUTHORITIES



MACKENZIE ARCHITECTS

PROPOSED DEVELOPMENT

364-374 CANTERBURY ROAD

UNITED CONSULTING ENGINEERS PTY LTD Civil/Structural Engineers

147-149 Hume Highway, Burwood NSW, 2134 Telephone: (02) 9715 5111 Facsimile: (02) 9715 6222

ARCHITECT

PROJECT

TITLE

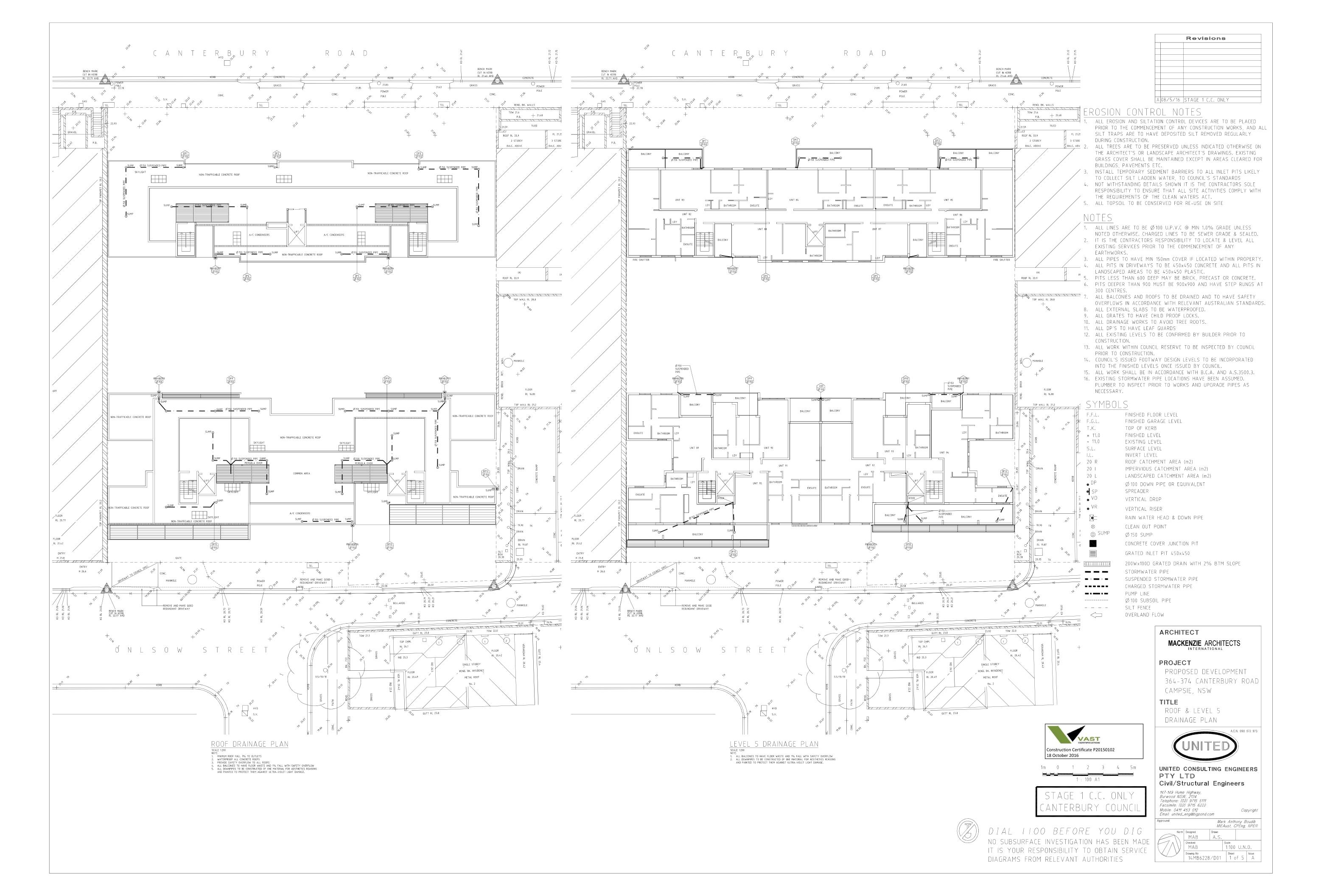
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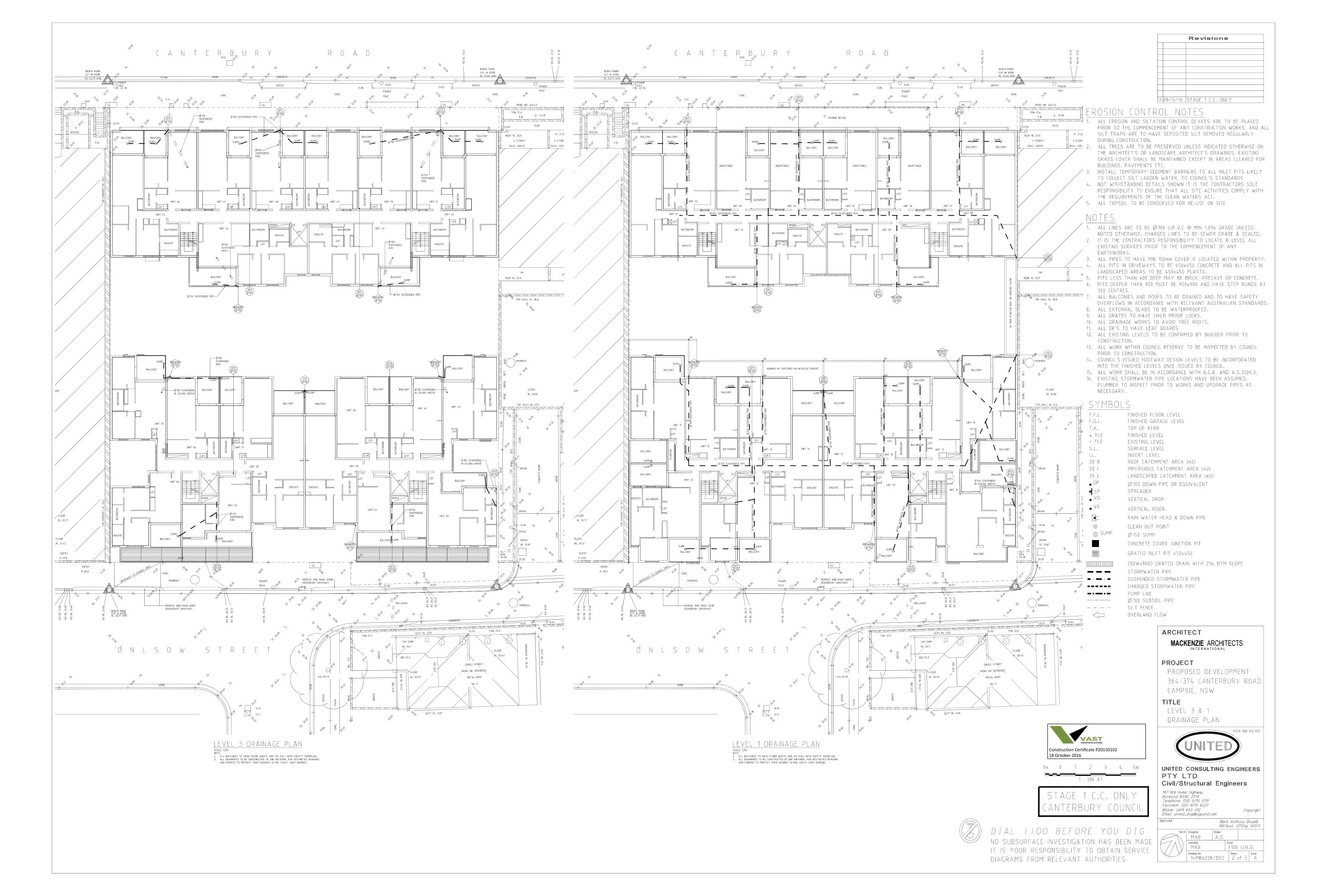
SOIL AND WATER

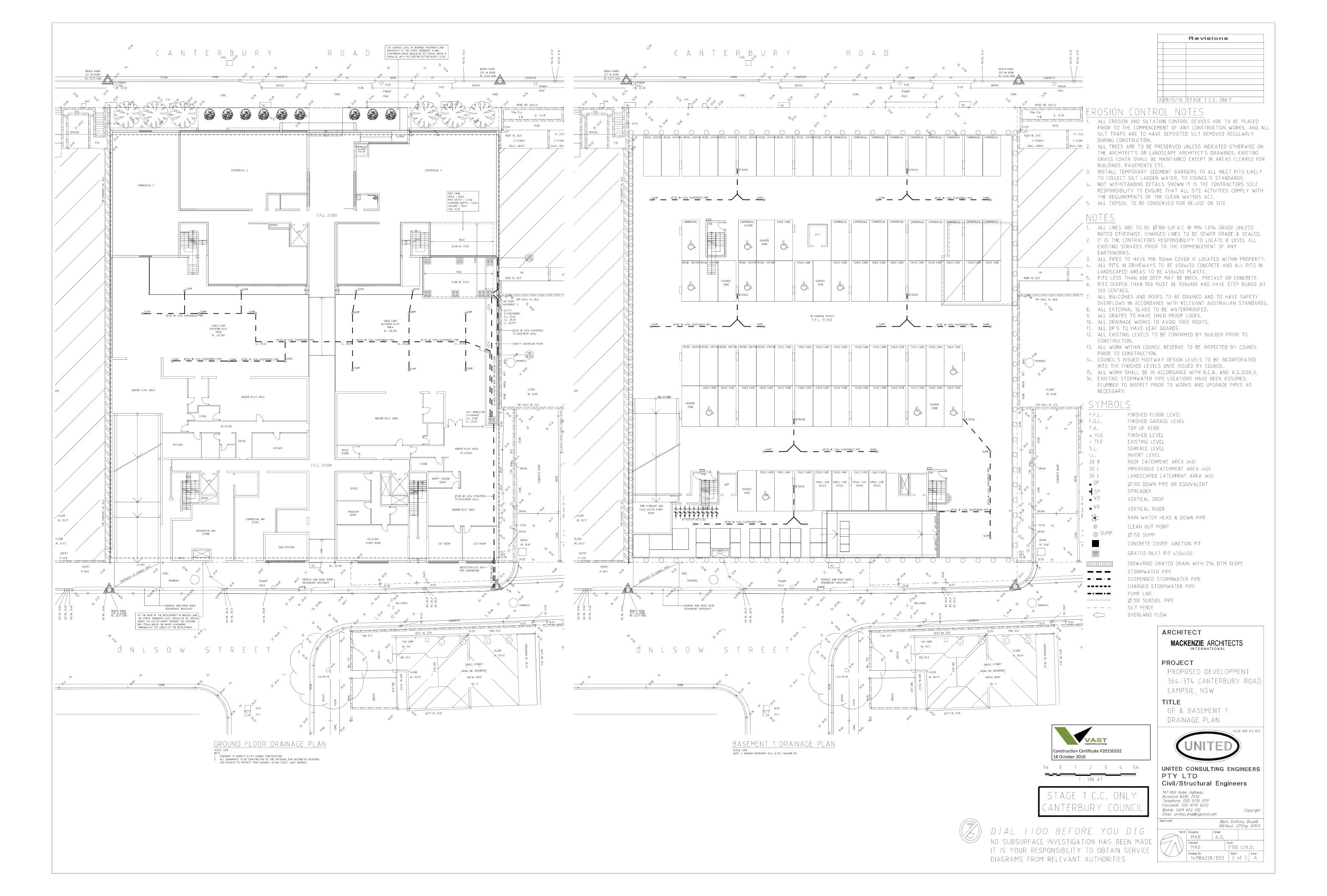
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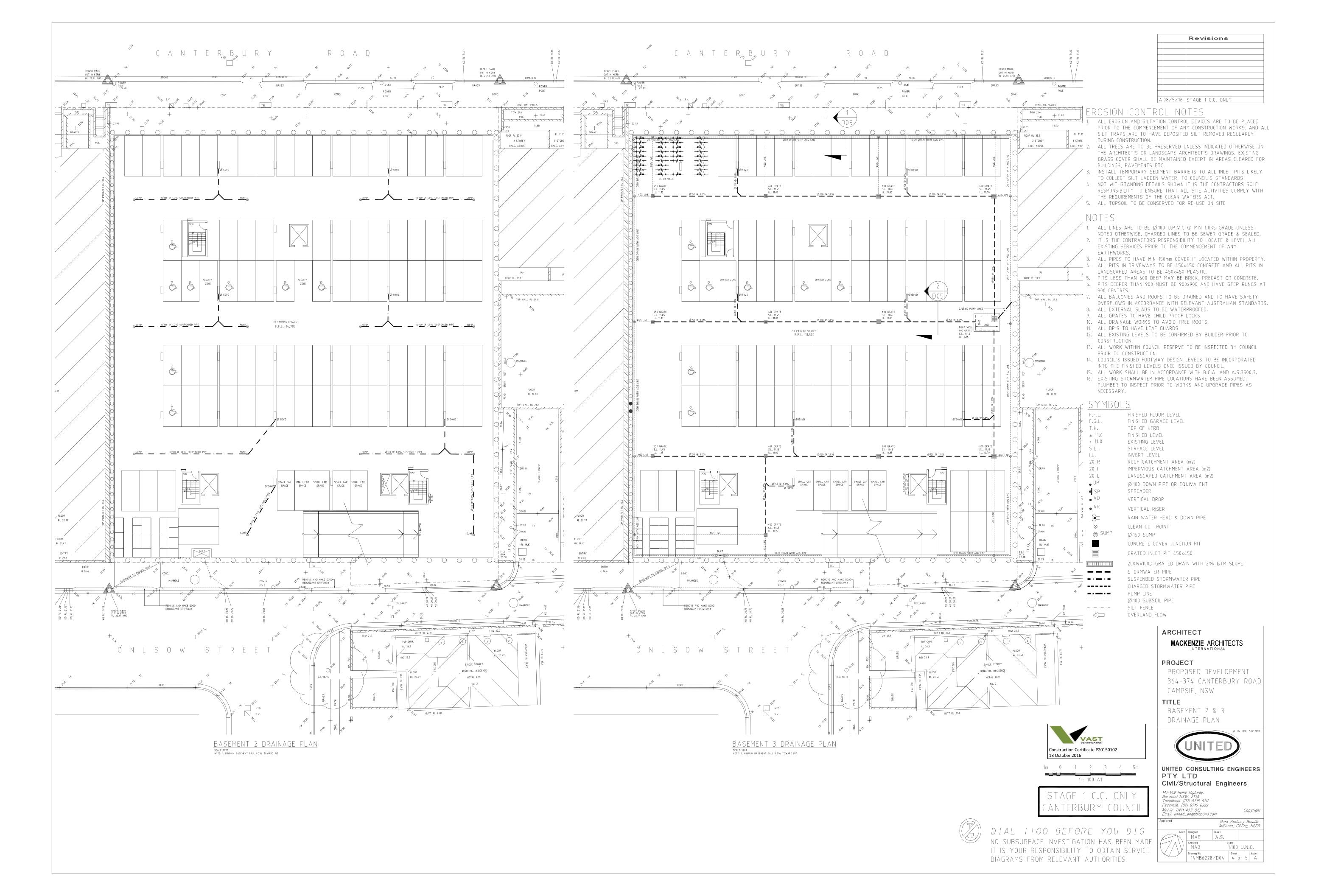


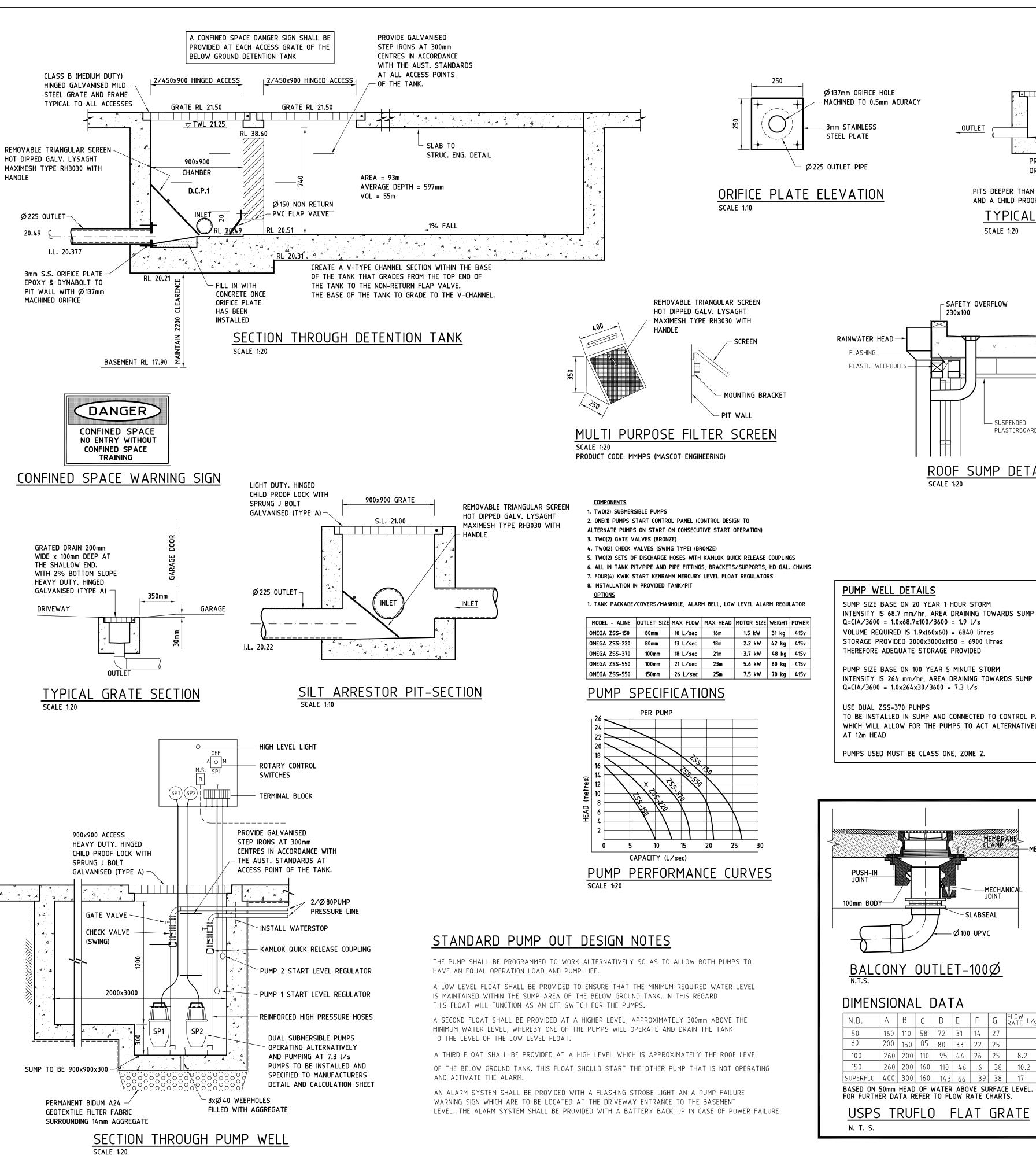


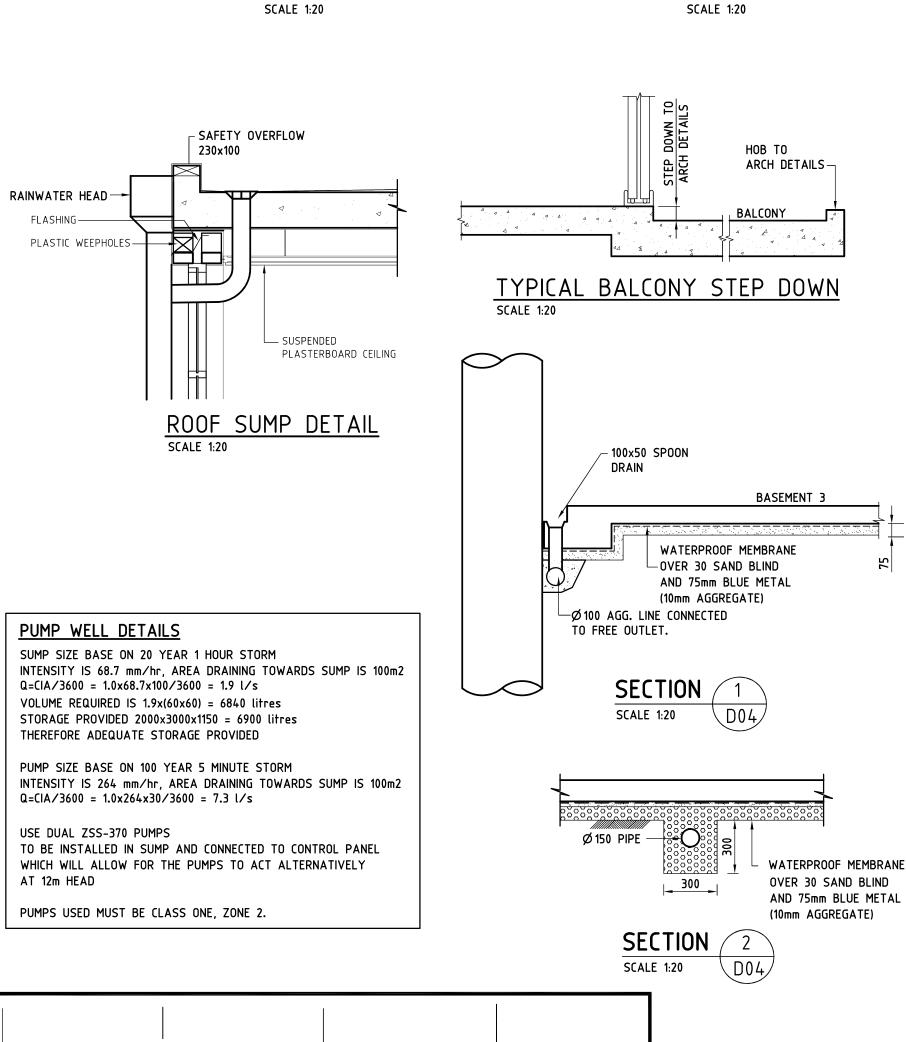












-MEMBRANE

N.B.

~ SLABSEAL

REFER TO PLAN FOR SIZE

HEAVY DUTY. HINGED

PRECAST PIT

OR BRICK PIT

PITS DEEPER THAN 900mm TO HAVE STEP RUNGS

AND A CHILD PROOF LOCK WITH SPRUNG J BOLT

TYPICAL PIT SECTION

OUTLET

GALVANISED (TYPE A)

REFER TO PLAN FOR SIZE

- INLET PIPE

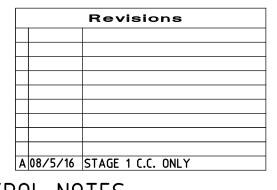
OUTLET PIPE

450 MIN

STANDARD PIT

HEAVY DUTY. HINGED

GALVANISED (TYPE A) -



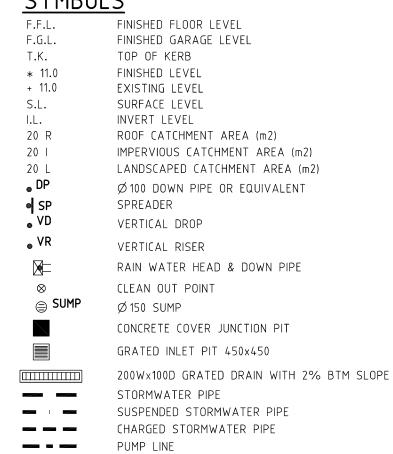
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SYMBOLS



Ø100 SUBSOIL PIPE

ARCHITECT

PROJECT

TITLE

CAMPSIE, NSW

MACKENZIE ARCHITECTS

PROPOSED DEVELOPMENT

364-374 CANTERBURY ROAD

OVERLAND FLOW

SILT FENCE





 $\langle \Box$

0 1 2 3 4 5m 1 : 10 0 A 1

STAGE 1 C.C. ONLY CANTERBURY COUNCIL



1:100 U.N.O.

Drawing No Sheet 5 of 5 A

Checked MAB

DIAL 1100 BEFORE YOU DIG NO SUBSURFACE INVESTIGATION HAS BEEN MADE IT IS YOUR RESPONSIBILITY TO OBTAIN SERVICE

DIAGRAMS FROM RELEVANT AUTHORITIES