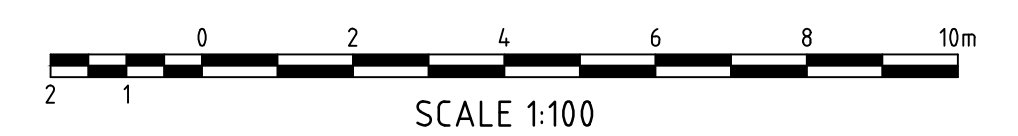


**—** New stormwater pipe  
**- - -** Existing stormwater system  
 (Refer to p3 WAE existing stormwater plan)

LOCATE AND CONNECT PROPOSED LINE TO EXISTING STORMWATER LINE (TYPICAL)

- EXISTING D.C.P. ORIFICE C.L. 20.49 eIL 20.377
- SAFETY OVERFLOW PATH
- DOWNPIPE TO DISCHARGE WITHIN OVERFLOW PATH
- EXISTING Ø225 OUTLET PIPE @ 1% STRAPPED TO BASEMENT WALL
- EXISTING Ø225 OUTLET PIPE @ 1% STRAPPED TO BASEMENT WALL

**PRELIMINARY**



CAD FILENAME: Q:\C&M\Projects\02775-02800\PH-02775 - CANTERBURY ROAD 364 - CANTERBURY.ACAD\02775\_201.dwg

01	A.H.	18/07/2023	A.M.	PRELIMINARY ISSUE
REV.	DRN.	DATE	CHK.	DESCRIPTION

THIS DRAWING IS NOT TO BE USED FOR TENDER/CONSTRUCTION UNLESS ENDORSED BELOW OR A DESIGN CERTIFICATE HAS BEEN ISSUED BY C&M CONSULTING ENGINEERS PTY LTD REFERENCING THIS DRAWING

PROJECT VERIFIER'S SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

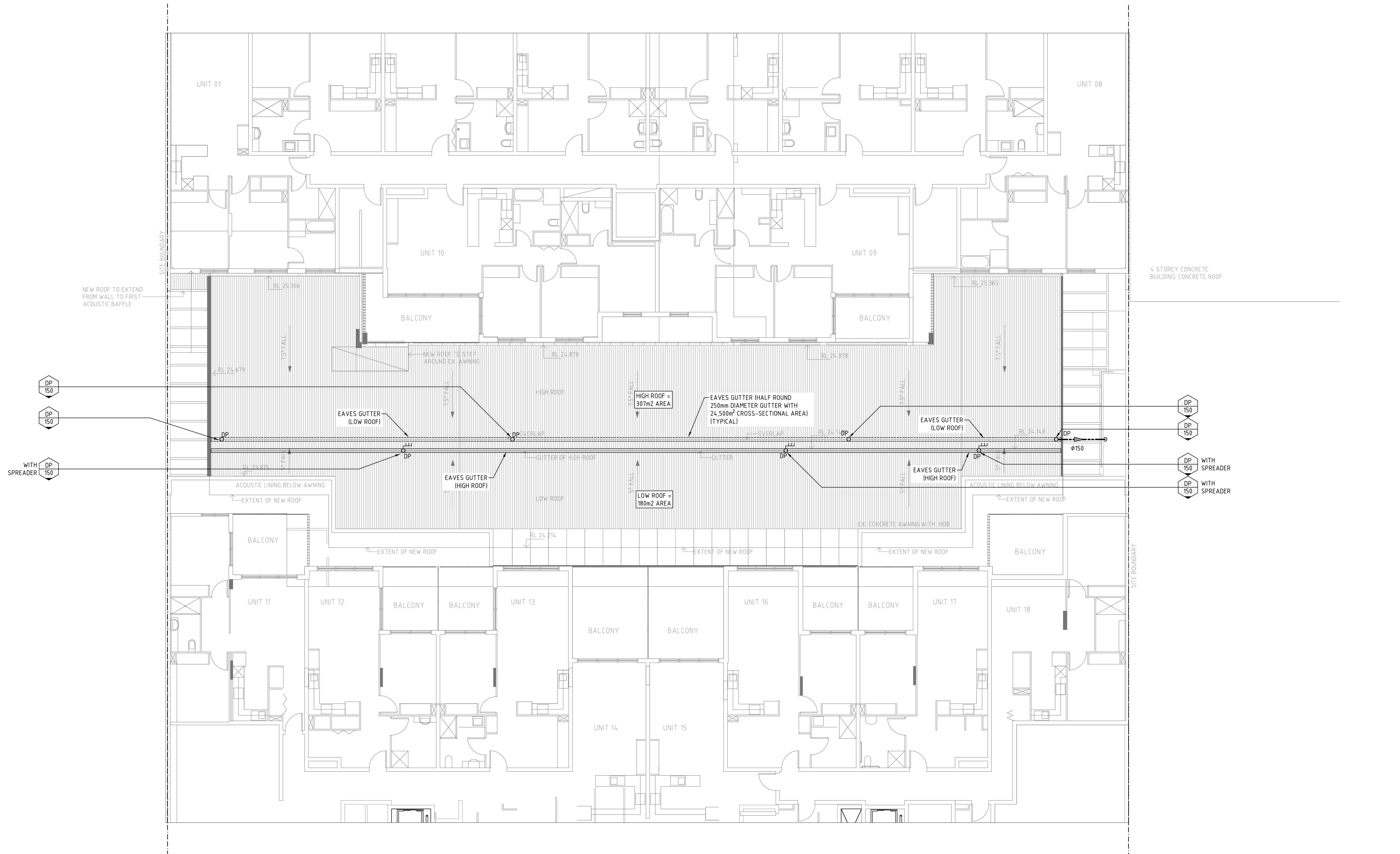
CLIENT

CIVIL AND HYDRAULIC ENGINEERING DESIGN AND PROJECT MANAGEMENT  
 SUITE 26  
 11 - 13 BROOKHOLLOW AVE  
 NORWEST NSW 2153  
 PHONE: (02) 9680 3100  
 FAX: (02) 9634 6989  
 ABN 21 118 134 240

DRAWN	A.HOMSI	DATE 1st ISSUED	JULY 2023
DESIGNER	A.HOMSI	LGA	CANTERBURY
ENGINEER	A.MANCONE	SCALE @ A1	1:100

© THIS DRAWING AND DESIGN IS THE COPYRIGHT OF C&M CONSULTING ENGINEERS PTY. LTD. NO PART OF THIS DRAWING OR DESIGN SHALL BE REPRODUCED OR USED WITHOUT PRIOR WRITTEN CONSENT FROM C&M CONSULTING ENGINEERS PTY. LTD.

364 CANTERBURY ROAD, CANTERBURY	
STORMWATER DRAINAGE - GROUND FLOOR PLAN	
STATUS	CC
DRAWING No.	02775_201
REVISION	01

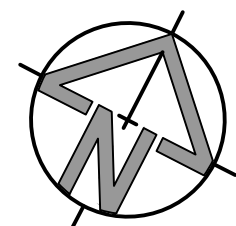


**PRELIMINARY**



CAD FILENAME: Q:\C&M\Projects\02701-02800\PH-02775 - CANTERBURY ROAD 364 - CANTERBURY\ACAD\02775\_202.dwg

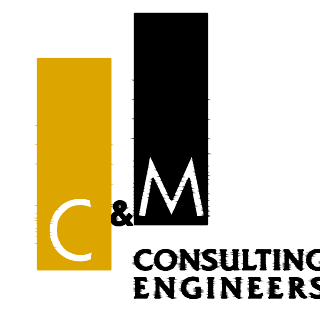
01	A.H.	18/07/2023	A.M.	PRELIMINARY ISSUE
REV.	DRN.	DATE	CHK.	DESCRIPTION



THIS DRAWING IS NOT TO BE USED FOR TENDER/CONSTRUCTION UNLESS ENDORSED BELOW OR A DESIGN CERTIFICATE HAS BEEN ISSUED BY C&M CONSULTING ENGINEERS PTY LTD REFERENCING THIS DRAWING

PROJECT VERIFIER'S SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

CLIENT



CIVIL AND HYDRAULIC ENGINEERING DESIGN AND PROJECT MANAGEMENT

SUITE 26  
11 - 13 BROOKHOLLOW AVE  
NORWEST NSW 2153

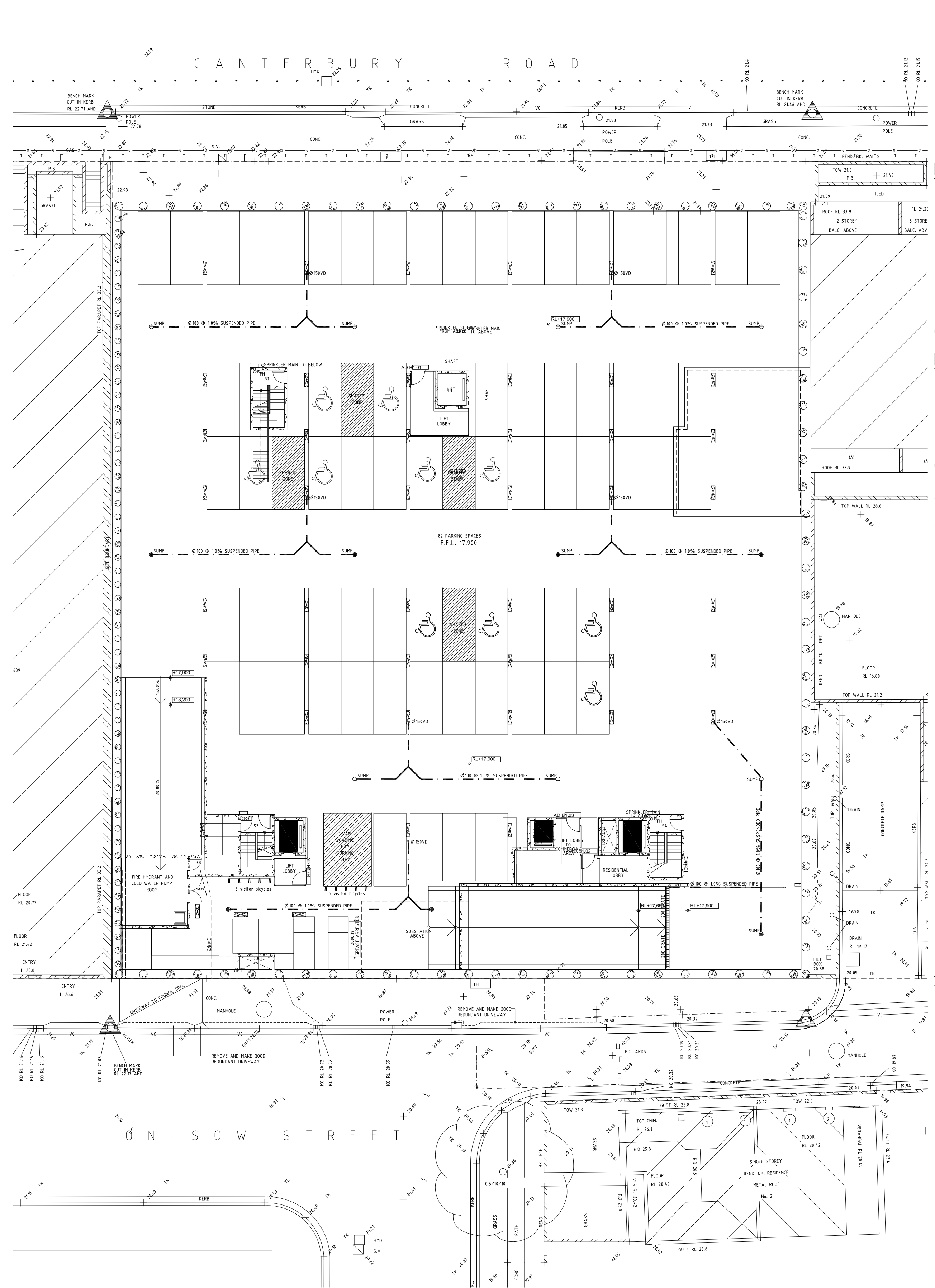
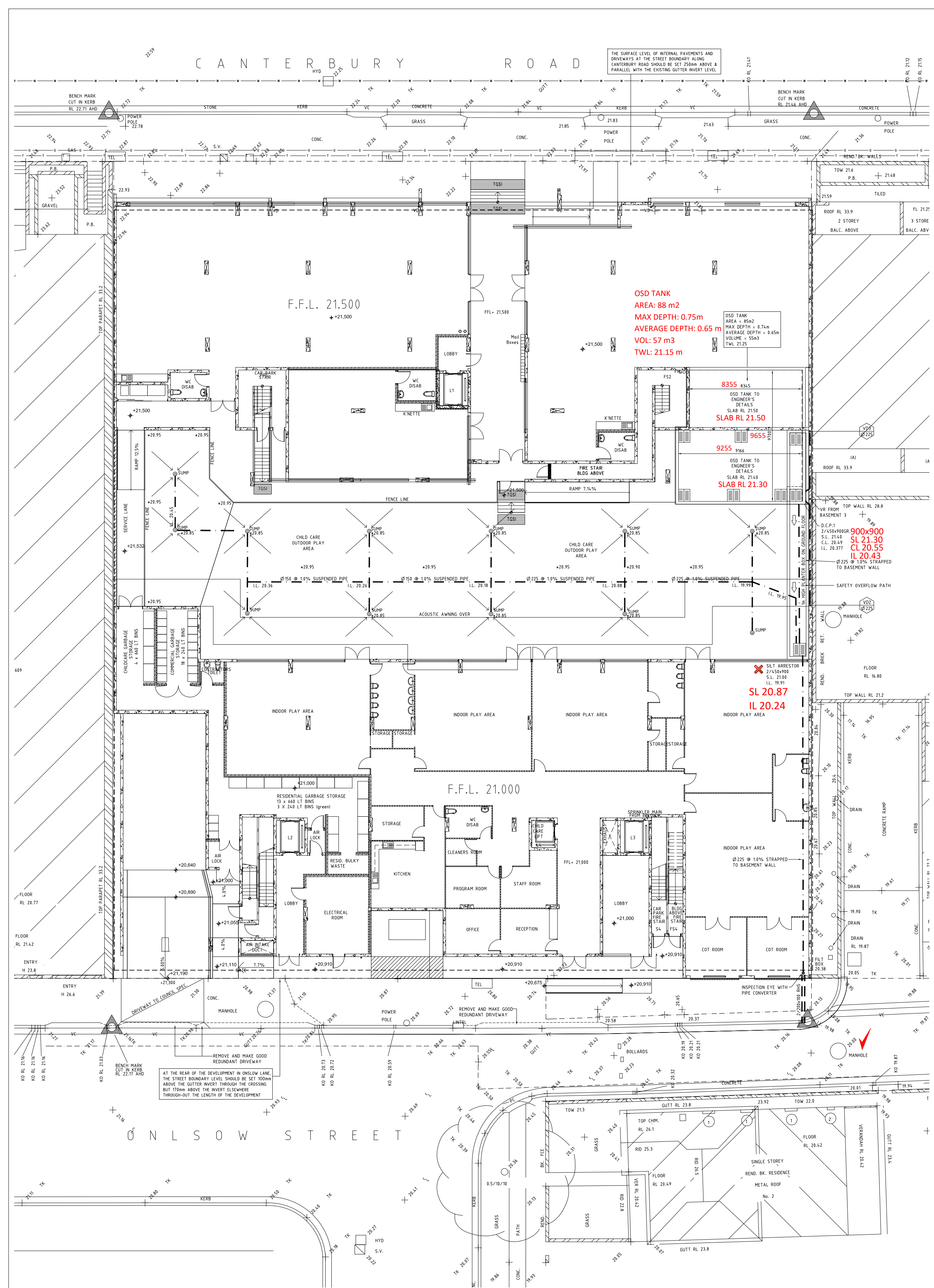
PHONE: (02) 9680 3100  
FAX: (02) 9634 6989  
ABN 21 118 134 240

DRAWN	A.HOMSI	DATE 1st ISSUED	JULY 2023
DESIGNER	A.HOMSI	LGA	CANTERBURY
ENGINEER	A.MANCONE	SCALE @ A1	1:100

© THIS DRAWING AND DESIGN IS THE COPYRIGHT OF C&M CONSULTING ENGINEERS PTY. LTD. NO PART OF THIS DRAWING OR DESIGN SHALL BE REPRODUCED OR USED WITHOUT PRIOR WRITTEN CONSENT FROM C&M CONSULTING ENGINEERS PTY. LTD.

364 CANTERBURY ROAD, CANTERBURY	
STORMWATER DRAINAGE - ROOF PLAN	
STATUS	CC
DRAWING No.	02775_202
REVISION	01





Revisions	

- EROSION CONTROL NOTES**
- 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.
  - 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.
  - INSTALL TEMPORARY SEDIMENT BARRIERS TO ALL INLET PITS LIKELY TO COLLECT SILT LADEN WATER, TO COUNCIL'S STANDARDS
  - 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.
  - ALL TOPSOIL TO BE CONSERVED FOR RE-USE ON SITE

- NOTES**
- ALL LINES ARE TO BE Ø100 U.P.V.C @ MIN 1.0% GRADE UNLESS NOTED OTHERWISE. CHARGED LINES TO BE SEWER GRADE & SEALED. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE & LEVEL ALL EXISTING SERVICES PRIOR TO THE COMMENCEMENT OF ANY EARTHWORKS.
  - ALL PIPES TO HAVE MIN 150mm COVER IF LOCATED WITHIN PROPERTY.
  - ALL PITS IN DRIVEWAYS TO BE 450x450 CONCRETE AND ALL PITS IN LANDSCAPED AREAS TO BE 450x450 PLASTIC.
  - PITS LESS THAN 600 DEEP MAY BE BRICK, PRECAST OR CONCRETE.
  - PITS DEEPER THAN 900 MUST BE 900x900 AND HAVE STEP RUNGS AT 300 CENTRES.
  - ALL BALCONIES AND ROOFS TO BE DRAINED AND TO HAVE SAFETY OVERFLOWS IN ACCORDANCE WITH RELEVANT AUSTRALIAN STANDARDS.
  - ALL EXTERNAL SLABS TO BE WATERPROOFED.
  - ALL GRATES TO HAVE CHILD PROOF LOCKS.
  - ALL DRAINAGE WORKS TO AVOID TREE ROOTS.
  - ALL DP'S TO HAVE LEAF GUARDS
  - ALL EXISTING LEVELS TO BE CONFIRMED BY BUILDER PRIOR TO CONSTRUCTION.
  - ALL WORK WITHIN COUNCIL RESERVE TO BE INSPECTED BY COUNCIL PRIOR TO CONSTRUCTION.
  - COUNCIL'S ISSUED FOOTWAY DESIGN LEVELS TO BE INCORPORATED INTO THE FINISHED LEVELS ONCE ISSUED BY COUNCIL.
  - ALL WORK SHALL BE IN ACCORDANCE WITH B.C.A. AND A.S.3500.3.
  - EXISTING STORMWATER PIPE LOCATIONS HAVE BEEN ASSUMED. PLUMBER TO INSPECT PRIOR TO WORKS AND UPGRADE PIPES AS NECESSARY.

- SYMBOLS**
- F.F.L. FINISHED FLOOR LEVEL
  - F.G.L. FINISHED GARAGE LEVEL
  - T.K. TOP OF KERB
  - + 11.0 FINISHED LEVEL
  - EXISTING LEVEL
  - S.L. SURFACE LEVEL
  - I.L. INVERT LEVEL
  - 20 R ROOF CATCHMENT AREA (m<sup>2</sup>)
  - 20 I IMPERVIOUS CATCHMENT AREA (m<sup>2</sup>)
  - 20 L LANDSCAPED CATCHMENT AREA (m<sup>2</sup>)
  - Ø DP Ø100 DOWN PIPE OR EQUIVALENT
  - SP SPREADER
  - VD VERTICAL DROPS
  - VR VERTICAL RISER
  - RAIN WATER HEAD & DOWN PIPE
  - CLEAN OUT POINT
  - Ø150 SUMP
  - CONCRETE COVER JUNCTION PIT
  - GRATED INLET PIT 450x450
  - 200Wx100D GRATED DRAIN WITH 2% BTM SLOPE
  - STORMWATER PIPE
  - SUSPENDED STORMWATER PIPE
  - CHARGED STORMWATER PIPE
  - PUMP LINE
  - Ø100 SUBSOIL PIPE
  - SILT FENCE
  - OVERLAND FLOW

**ARCHITECT**  
**MACKENZIE ARCHITECTS**  
 INTERNATIONAL

**PROJECT**  
 PROPOSED DEVELOPMENT  
 364-374 CANTERBURY ROAD  
 CAMPBIE, NSW

**TITLE**  
 GF & BASEMENT 1  
 DRAINAGE PLAN



North	Design	Drawn	Scale
MAB	MAB	A.S.	1:200 U.N.O.
Checked	MAB	Scale	1:200 U.N.O.
Drawing No	14MB6228/D03	Sheet	3 of 5
Issue		Issue	8

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

**STAGE C.C.**  
**CANTERBURY COUNCIL**

**DIAL 1100 BEFORE YOU DIG**  
 NO SUBSURFACE INVESTIGATION HAS BEEN MADE  
 IT IS YOUR RESPONSIBILITY TO OBTAIN SERVICE  
 DIAGRAMS FROM RELEVANT AUTHORITIES

I, MONY SENG OF EAST COAST POSITIONING P/L, LAND SURVEYORS, BELLA VISTA, HEREBY CERTIFY THAT ALL WORKS AS SHOWN IN RED HAVE BEEN EXECUTED.

07/12/2017