

AMENDMENTS	ARCHITECT	CLIENT	PROJECT MANAGER	CIVIL ENGINEER
ISSUE DATE SUBJECT AUTH 01 31.08.2022 ISSUED FOR CO-ORDINATION AF 02 09.09.2022 ISSUED FOR TENDER ONLY AF 03 21.09.2022 ISSUED FOR TENDER ONLY AF	Conrad Gargett Conrad Gargett Suite 110, Jones Bay Wharf 26-32 Pirrama Road Pyrmont NSW 2009 T +61 (02) 8353 8888	Health Infrastructure Health Infrastructure Level 14, 77 Pacific Hwy North Sydney NSW 2060 T +61 (02) 9978 5402	Capital Insight Level 9, 76 Berry St North Sydney NSW 2060 T +61 (02) 9955 2300	Henry & Hymas Suite 2.01 828 Pacific Highway, Gordon NSW 2072 T +61 (02) 9417 8400

GENERAL ARRANGEMENT PLAN SCALE: 1:400

PROJECT

BOWRAL & DISTRICT HOSPITAL REDEVELOPMENT

97-103 BOWRAL ST. BOWRAL NSW 2576 JOB NUMBER

20958



Health Infrastructure

DETERMINED – APPROVAL

REF Approval No: 08/2023 **Date:** 24/2/2023

Signed by:

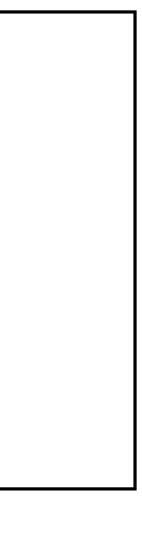
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0	8	16	24	32	40m
SCALE 1:400					

DRAWING NUMBER 131000-DDB2-L00-CV-100 DRAWING NAME GENERAL ARRANGEMENT PLAN

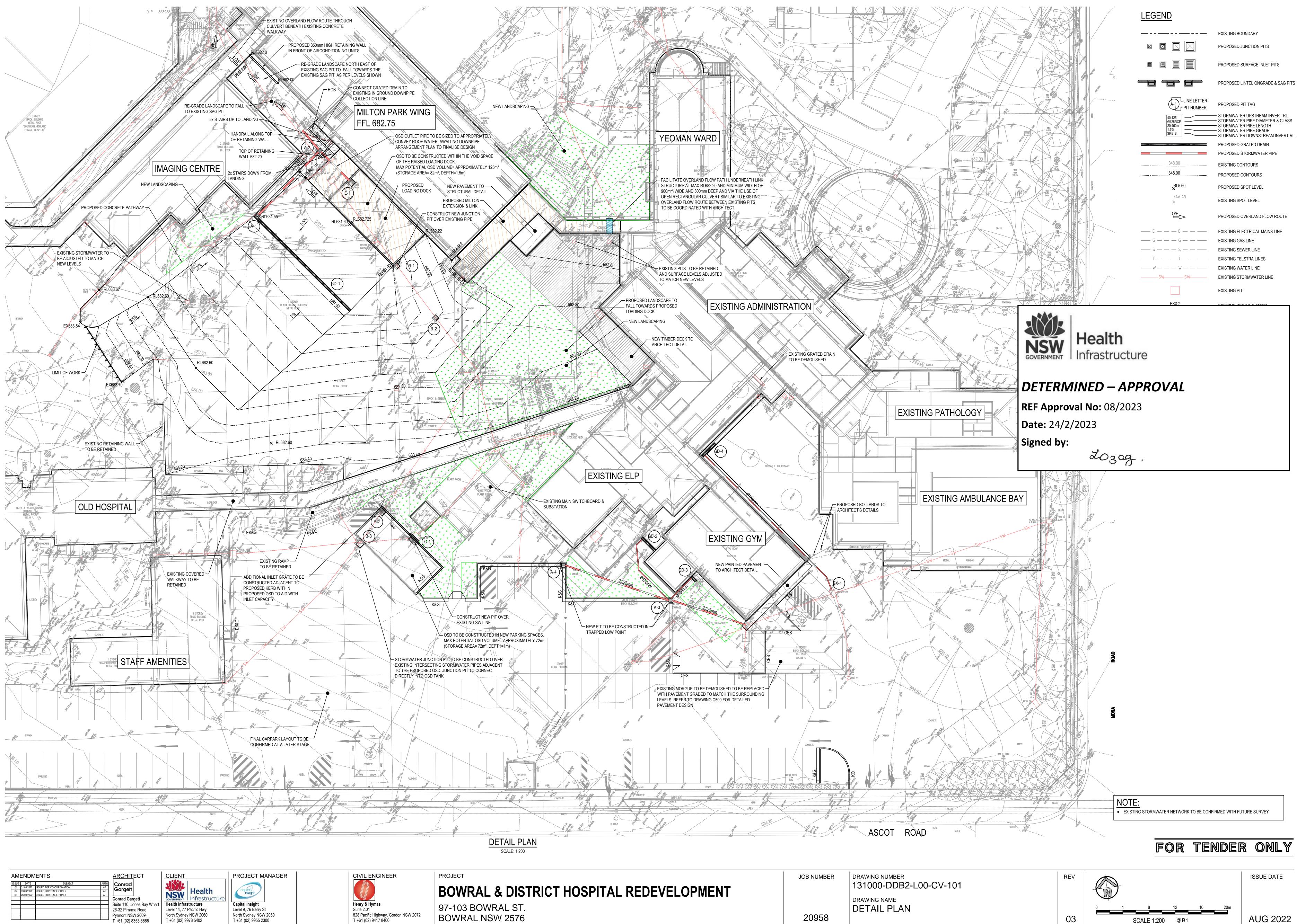
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REV



FOR TENDER ONLY ISSUE DATE

AUG 2022







BOWRAL NSW 2576



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SCALE 1:400

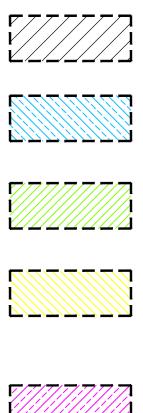
PROJECT **BOWRAL & DISTRICT HOSPITAL REDEVELOPMENT** 97-103 BOWRAL ST. BOWRAL NSW 2576

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don NSW 2072

CATCHMENT LEGEND - TOTAL SITE = 41827m²



AREA =3437 m² 100% IMPERVIOUS EXISTING LANDSCAPE AREA TO BE RETAINED AREA =9134 m² 100% PERVIOUS EXISTING LANDSCAPE WITHIN EXTENT OF WORKS TO BE RETAINED AREA =401 m²

PROPOSED LANDSCAPE WITHIN EXTENT OF WORKS AREA =430 m² 100% PERVIOUS



UPSTREAM CATCHMENT AREA = 11,567.84m²

100% PERVIOUS



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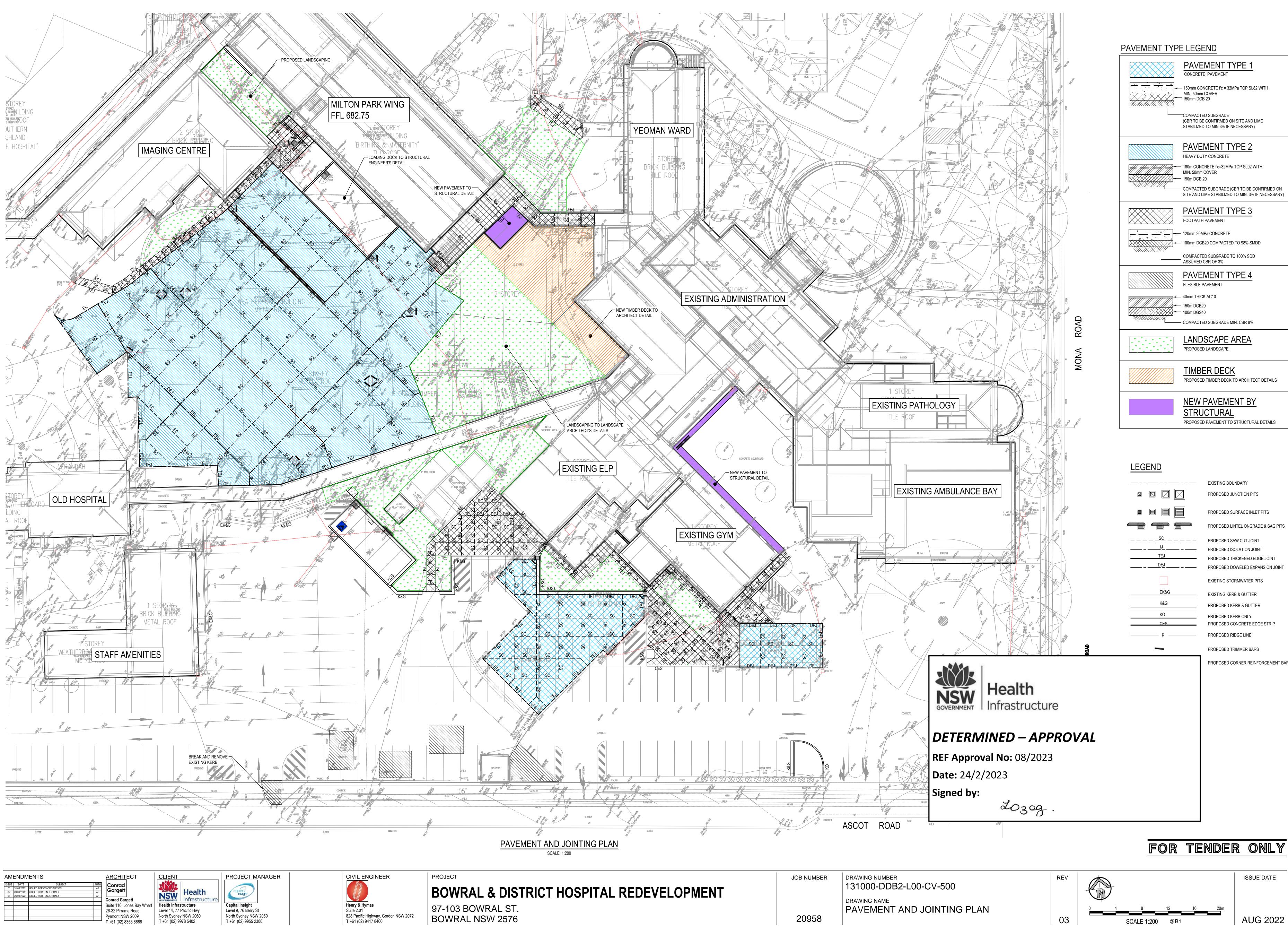
DRAWING NUMBER 131000-DDB2-L00-CV-250	REV	}		
DRAWING NAME PRE DEVELOPMENT CATCHMENT PLAN		8	16	5
	03	S	CALE 1:4	00

EXISTING HARDSTAND AREA TO BE RETAINED AREA =28425 m² 100% IMPERVIOUS

PROPOSED PAVEMENT WITHIN EXTENT OF WORKS

FOR TENDER ONLY

AUG 2022







DRAWING NUMBER
DRAWING NUMBER 131000-DDB2-L00-CV-500
DRAWING NAME
DRAWING NAME PAVEMENT AND JOINTING PLAN

MENT TYPE 1
ICRETE fc = 32MPa TOP SL82 WITH COVER 20
D SUBGRADE CONFIRMED ON SITE AND LIME TO MIN 3% IF NECESSARY)
MENT TYPE 2 Y CONCRETE
RETE fc=32MPa TOP SL92 WITH COVER 0
D SUBGRADE (CBR TO BE CONFIRMED ON ME STABILIZED TO MIN. 3% IF NECESSARY)
MENT TYPE 3 PAVEMENT
Pa CONCRETE 20 COMPACTED TO 98% SMDD
D SUBGRADE TO 100% SDD CBR OF 3%
MENT TYPE 4 AVEMENT
(AC10
D SUBGRADE MIN. CBR 8%
SCAPE AREA LANDSCAPE
TIMBER DECK TO ARCHITECT DETAILS
PAVEMENT BY CTURAL
PAVEMENT TO STRUCTURAL DETAILS
EXISTING BOUNDARY PROPOSED JUNCTION PITS
PROPOSED SURFACE INLET PITS
PROPOSED LINTEL ONGRADE & SAG PITS

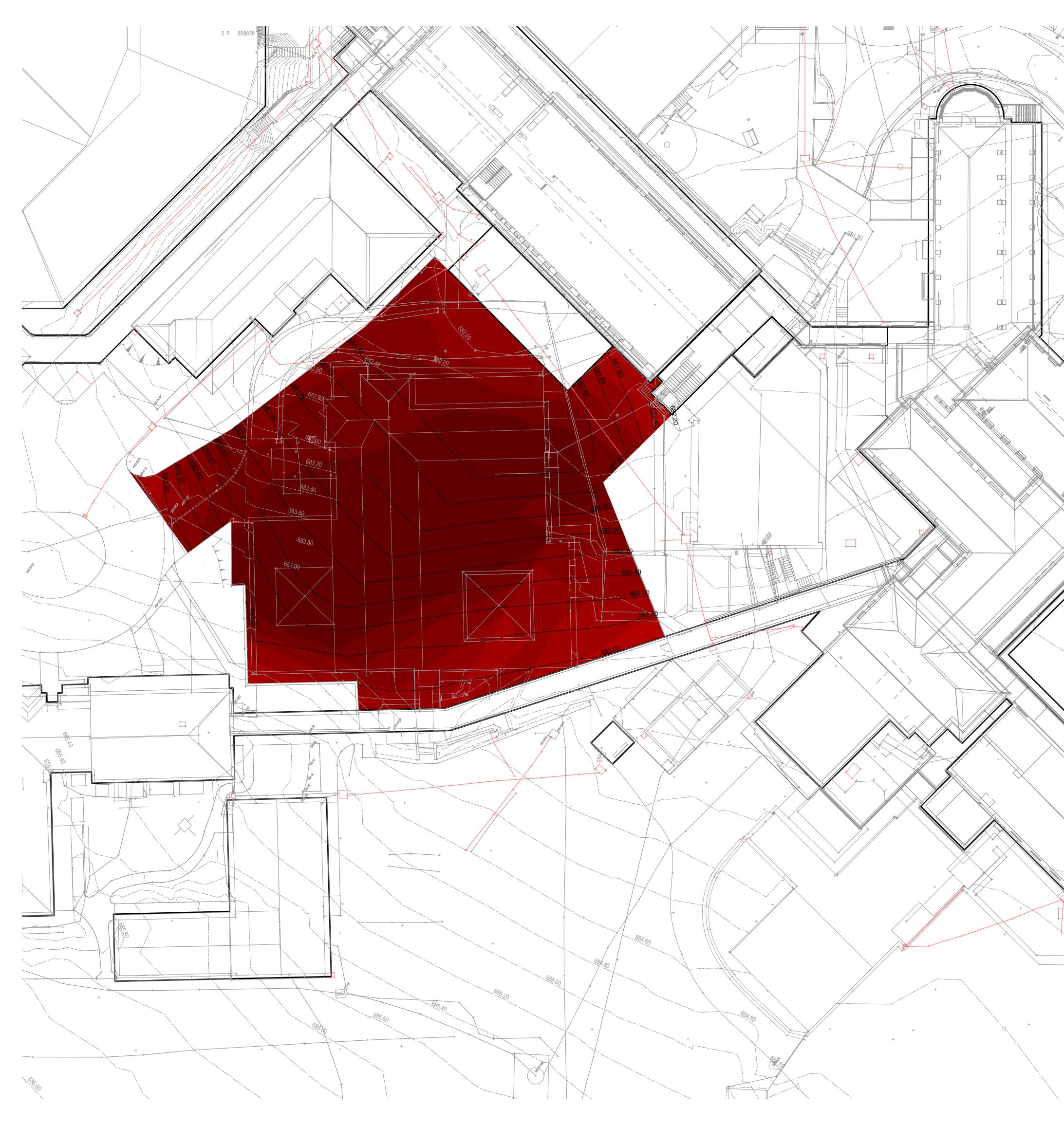
PROPOSED THICKENED EDGE JOINT PROPOSED DOWELED EXPANSION JOINT

PROPOSED CONCRETE EDGE STRIP

PROPOSED CORNER REINFORCEMENT BARS

ISSUE DATE

AUG 2022







BULK EARTHWORKS CUT & FILL PLAN SCALE: 1:200

BOWRAL & DISTRICT HOSPITAL REDEVELOPMENT

97-103 BOWRAL ST. BOWRAL NSW 2576

PROJECT

JOB NUMBER

20958

LEGEND

<u> </u>		•			
DEPTH RANGE Lower_value Upper_value Colour					
-20	to	-10	Metres		
-10	to	-6	Metres		
-6	to	-4	Metres		
-4	to	-2	Metres		
-2	to	-1	Metres		
-1	to	8	Metres		
8	to	6	Metres		
6	to	4	Metres		
4	to	2	Metres		
2	to	1	Metres		
1	to	05	Metres		
05	to	.0	Metres		
.0	to	.05	Metres		
.05	to	.1	Metres		
.1	to	.2	Metres		
.2	to	.4	Metres		
.4	to	.6	Metres		
.6	to	.8	Metres		
.8	to	1	Metres		
1	to	2	Metres		
2	to	4	Metres		
4	to	6	Metres		
6	to	10	Metres		
10	to	90	Metres		

BULK EARTHWORKS/ SUBGRADE **PREPARATION - SITEWORKS.**

- 1. REFER TO GEOTECHNICAL INVESTIGATION REPORT OR INFORMATION RELATING TO EXISTING GROUND CONDITIONS, SITE TREATMENT AND SUPERVISION.
- 2. THE LOCATIONS OF UNDERGROUND SERVICES SHOWN ON THESE DRAWINGS HAVE BEEN PLOTTED FROM SURVEY AND AUTHORITY INFORMATION. THE SERVICE INFORMATION HAS BEEN PREPARED ONLY TO SHOW THE APPROXIMATE POSITIONS OF ANY KNOWN SERVICES AND MAY NOT BE AS CONSTRUCTED OR ACCURATE.
- 3. HENRY AND HYMAS PTY LTD CAN NOT GUARANTEE THAT THE SERVICES INFORMATION SHOWN ON THESE DRAWINGS, ACCURATELY INDICATES THE PRESENCE OR ABSENCE OF SERVICES OR THEIR LOCATION AND WILL ACCEPT NO LIABILITY FOR INACCURACIES IN THE SERVICES INFORMATION SHOWN ARISING FROM ANY CAUSE WHATSOEVER. CONTRACTORS ARE TO CONTACT THE RELEVANT SERVICE AUTHORITY EXCAVATION. FOR COMMENCEMENT OF WORKS ON SITE, SEARCH RESULTS
- 4. ALL SERVICES ARE TO BE LOCATED AND CUT OFF PRIOR TO THE COMMENCEMENT OF EXCAVATION AND FILLING OPERATIONS.
- REMOVED FROM ALL AREAS UNDER BUILDING AND CARPARK LOCATIONS TO THE SATISFACTION OF THE GEOTECHNICAL ENGINEER. AREAS TO BE FULLY STRIPPED OF EXISTING FILL AND DARK BROWN BLACK UPPER ORGANIC ALLUVIUM, OR OBVIOUS UNSUITABLE MATERIAL.
- 6. EXCAVATE TO ACHIEVE SUBGRADE LEVELS WHERE NECESSARY.
- 7. THE EXPOSED SUBGRADE AFTER STRIPPING AND/ OR EXCAVATION IS TO BE PROOF ROLLED USING NOT FEWER THAN 5 PASSES OF A MINIMUM 8 TONNE DEAD WEIGHT STEEL SMOOTH-DRUM ROLLER UNDER THE SUPERVISION OF AN EXPERIENCED GEOTECHNICAL ENGINEER OR AN EXPERIENCED CIVIL ENGINEER. ANY AREAS ON THE SUBGRADE EXHIBITING EXCESSIVE DEFLECTION / MOVEMENT UNDER ROLLER TO BE EXCAVATED TO A MIN. DEPTH OF 0.5m AND REPLACED WITH APPROVED GRANULAR MATERIAL COMPACTED IN 250mm LOOSE LAYERS OR AS DIRECTED BY THE GEOTECHNICAL ENGINEER.
- 8. ENGINEERED FILL FOR REPLACEMENT OF SOFT OR HEAVING AREAS OR FOR BULK FILLING TO COMPRISE ESSENTIALLY OF GRANULAR MATERIALS (EG. EXCAVATED SHALE), WITH A PARTICLE SIZE NOT GREATER THAN 75mm DIAMETER. ENGINEERED FILL TO BE PLACED IN LAYERS NOT EXCEEDING 250mm LOOSE THICKNESS AND COMPACTED TO 100% OF STANDARD MAXIMUM DRY DENSITY (SMDD) WITHIN ± 2% OF OPTIMUM MOISTURE CONTENT (OMC).
- 9. IMPORTED FILLING (IF REQUIRED) IS TO BE TO THE APPROVAL OF THE GEOTECHNICAL ENGINEER. THE CONTRACTOR IS TO NOMINATE THE SOURCE AND PROVIDE A SAMPLE FOR APPROVAL PRIOR TO IMPORTATION AND PLACEMENT ON SITE.
- 10. ALL FILL MATERIAL SHALL BE FROM A SOURCE APPROVED BY THE SUPERINTENDENT AND SHALL COMPLY WITH THE FOLLOWING. FREE FORM ORGANIC AND PERISHABLE MATTER MAXIMUM PARTICLE SIZE = 75mm MAXIMUM PLASTICITY INDEX = 15%
- 11. ALL EARTHWORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH GEOTECH REPORT

<u>LEGEND</u>

32.00
32.00

NSW GOVERNMENT | Infrastructure

Health

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EARTHWORKS QUANTITIES

THERE IS NO BULKING USED IN THE EARTHWORKS CALULATIONS.			
EARTHWORKS QUANTITIES			
TOTAL AREA (1738 m²)			
CUT	1483 m ³		
FILL	0 m³		
CUT OVER FILL	1483 m³		

SITE STRIPPING = 1738 m² x 200mm = 348 m³

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	ISSUE DATE

DRAWING NUMBER 131000-DDB2-L00-CV-BE01 DRAWING NAME BULK EARTHWORKS CUT & FILL PLAN REV

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4	8	12	16	20m
	SCALE 1:200	@B1		

PRIOR TO COMMENCEMENT OF

ARE TO BE KEPT ON SITE AT ALL TIMES.

5. ALL TOP SOIL, ORGANIC MATTER AND FILL MATERIAL SHALL BE

EXISTING CONTOURS CONTOURS BE

ead temped ONLY

SEPT 2022