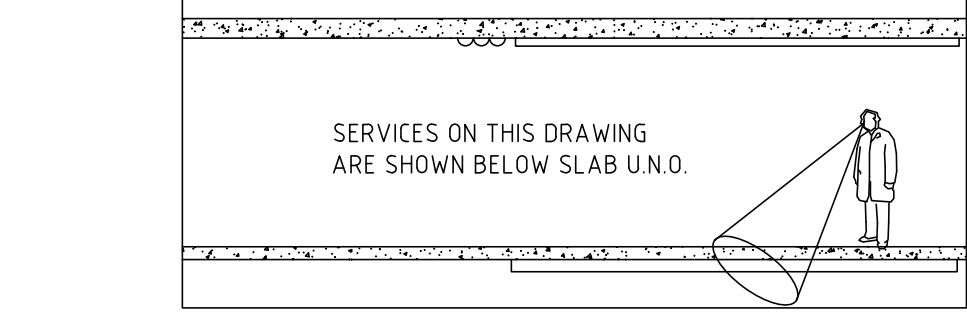
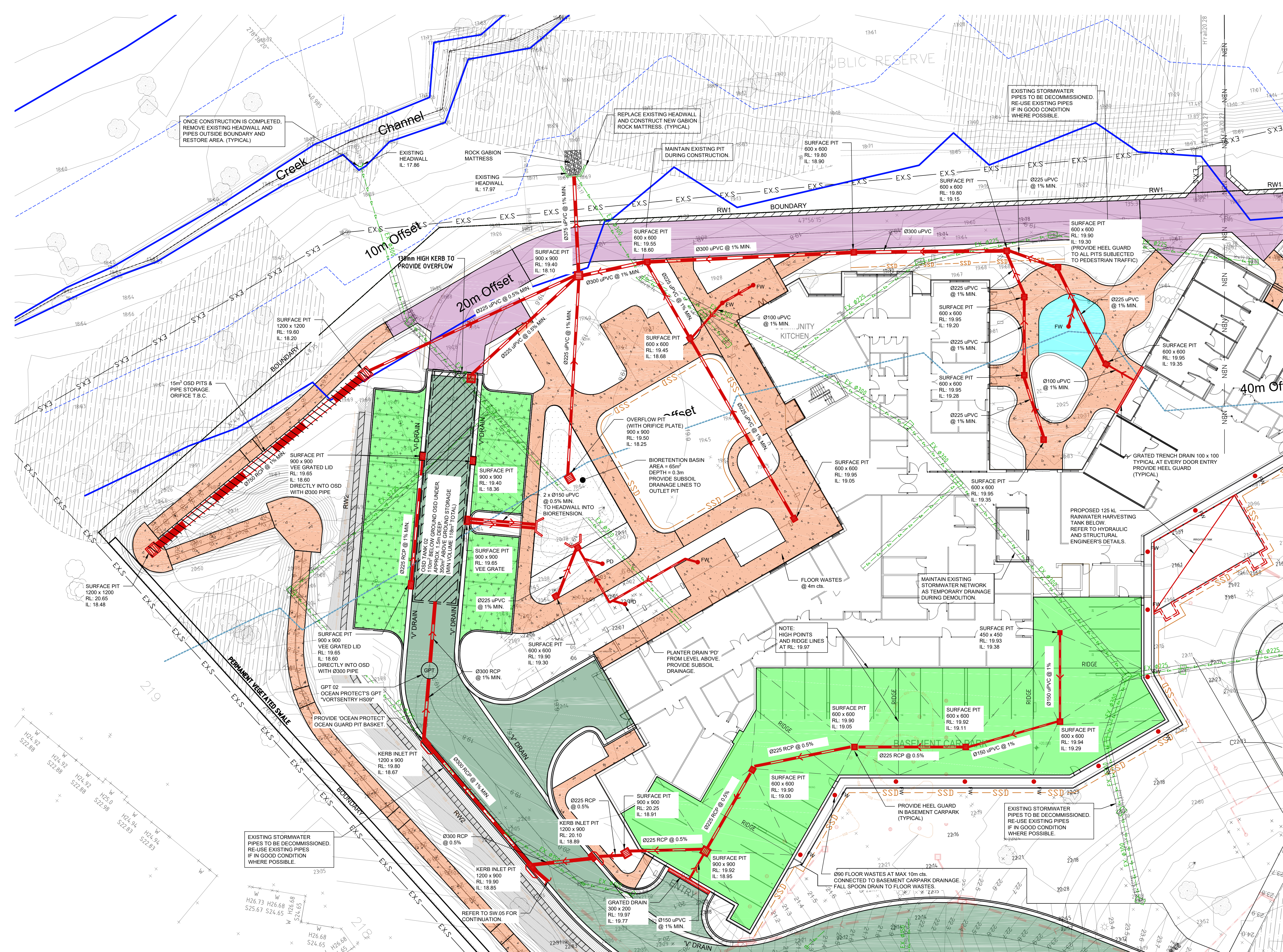




- LEGEND**
- SUBSOIL DRAIN PIPE: SSD
 - STORMWATER PIPE: DFP
 - OVER FLOW PATH: OFP
 - STORMWATER PIPE EXISTING: Ex.
 - SEWER PIPE: S
 - SEWER PIPE LINE EXISTING: EX.S
 - ELECTRICAL LINE: E
 - TELECOMMUNICATION LINE: T
 - WATER LINE: W
 - GAS LINE: G
 - NBN LINE: NBN
 - COMMS LINE: C
 - FOOTPATH PAVEMENT SLABS SHOWN THUS 100mm THICK SLAB ON GROUND WITH SL92 MESH TOP THROUGHOUT U.N.O. REFER TO DWG. C-GE-20 FOR TYPICAL SLAB JOINT DETAILS.
 - "FLOATING" PAVEMENT TILES OVER 100mm THICK SLAB ON GROUND WITH SL92 MESH TOP THROUGHOUT U.N.O. SLAB DETAIL IS SUSPENDED IF IN AREA OF STRUCTURAL SLAB. REFER TO DWG. C-GE-20 FOR TYPICAL SLAB JOINT DETAILS.
 - DENOTES NEW ASPHALTIC CONCRETE PAVEMENT REFER TO DWG. C-GE-22 FOR SPECIFICATION.
 - CARPARK PAVEMENT SLABS SHOWN THUS 170mm THICK SLAB ON GROUND WITH SL102 MESH TOP & BOTTOM REFER TO DWG. C-GE-22 FOR SPECIFICATION.
 - DENOTES NEW MAINTENANCE TRACK PAVEMENT REFER TO DWG. C-GE-22 FOR SPECIFICATION.
 - DENOTES PERMEABLE PAVEMENT REFER TO LANDSCAPE ENGINEER DRAWINGS FOR SPECIFICATION.
 - DENOTES ARTIFICIAL TURF

PRELIMINARY
NOT FOR CONSTRUCTION

P2	COUNCIL BIOLOGICAL CONTROL REQUIREMENTS ADDED	13/10/20
P1	PRELIMINARY	12/10/20
ISSUE	DESCRIPTION	APPROVED DATE

CLIENT

ARCHITECT

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PROJECT
Residential Aged Care Facility
7 Martin Close & 42 Stronach Avenue,
East Maitland, NSW 2323

TITLE
**STORMWATER DRAINAGE
PART PLAN 01**

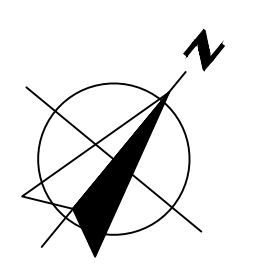
SCALES	as noted @ A1	DATE	APR, 2020
DRAWN	CKE	DESIGN	CA / PG
		VERIFIED	CA
		APPROVED	PG
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ISSUE	PROJECT No.	DRAWING No.	
P2	191030	C-GF-01	

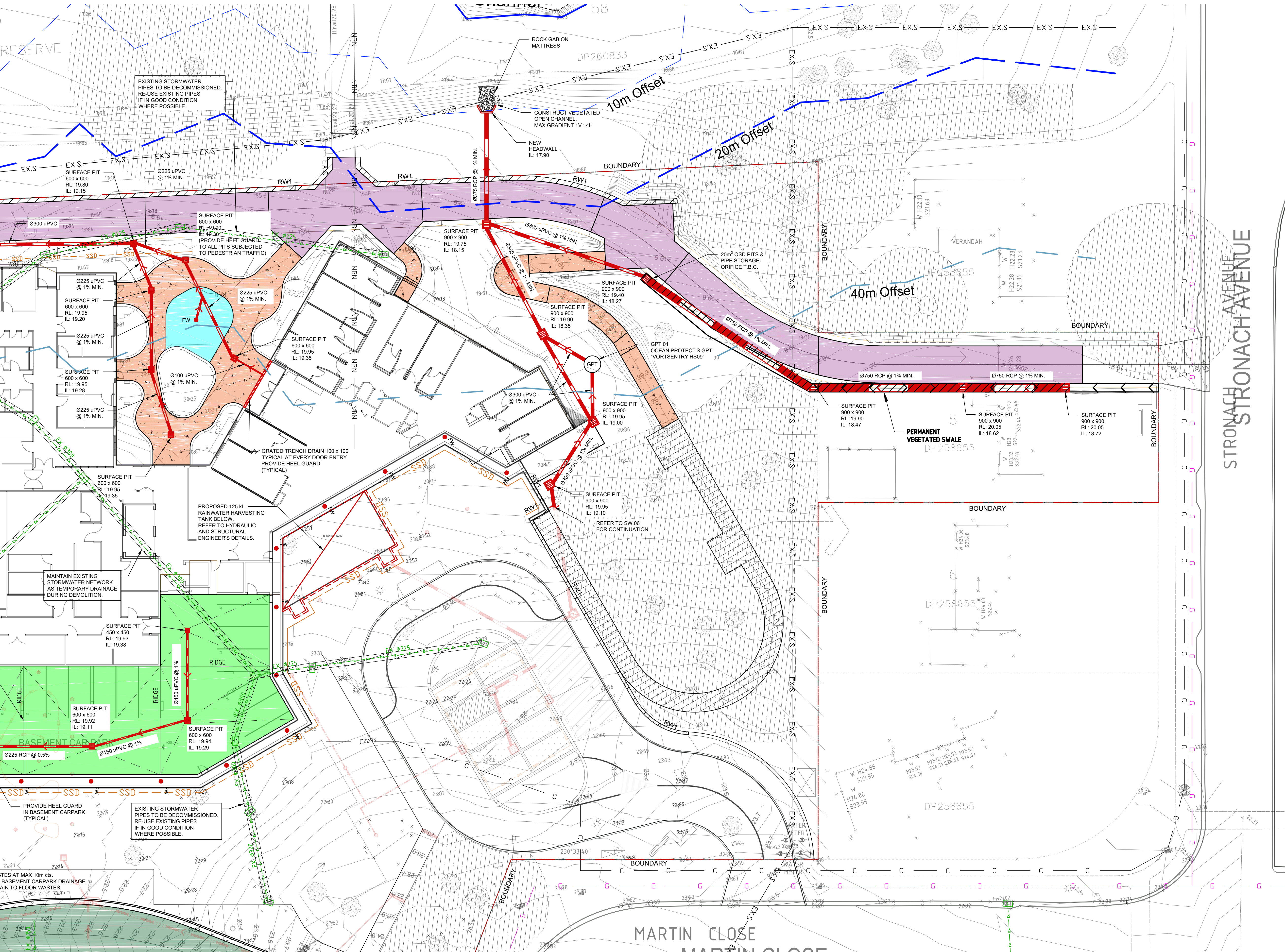
MAITLAND COUNCIL BIOLOGICAL CONTROL REQUIREMENTS FOR SITE:		
TSS	-	80% REDUCTION
TP	-	45% REDUCTION
TN	-	45% REDUCTION
GP	-	70% REDUCTION
Oil & GREASE	-	90% REDUCTION

STORMWATER DRAINAGE CONCEPT PLAN - LOWER GROUND SHEET 01
SCALE 1:200



DENOTES TREE PROTECTION AREAS





LEGEND

SUBSOIL DRAIN PIPE

SSD

SSD

STORMWATER PIPE

OVER FLOW PATH

OFP

OFP

STORMWATER PIPE EXISTING

Ex.

Ex.

SEWER PIPE

S

S

SEWER PIPE LINE EXISTING

EX.S

EX.S

ELECTRICAL LINE

E

E

TELECOMMUNICATION LINE

T

T

WATER LINE

W

W

GAS LINE

G

G

NBN LINE

NBN

NBN

COMMS LINE

C

C

FOOTPATH PAVEMENT SLABS SHOWN THUS

100mm THICK SLAB ON GROUND WITH SL92 MESH TOP THROUGHOUT U.N.O.

REFER TO DWG. C-GE-20 FOR TYPICAL SLAB JOINT DETAILS.

"FLOATING" PAVEMENT TILES OVER 100mm THICK SLAB ON GROUND WITH SL92 MESH TOP THROUGHOUT U.N.O. SLAB DETAIL IS SUSPENDED IF IN AREA OF STRUCTURAL SLAB.

REFER TO DWG. C-GE-20 FOR TYPICAL SLAB JOINT DETAILS.

DENOTES NEW ASPHALTIC CONCRETE PAVEMENT

REFER TO DWG. C-GE-22 FOR SPECIFICATION.

CARPARK PAVEMENT SLABS SHOWN THUS

170mm THICK SLAB ON GROUND WITH SL102 MESH TOP & BOTTOM

REFER TO DWG. C-GE-22 FOR SPECIFICATION.

DENOTES NEW MAINTENANCE TRACK PAVEMENT

REFER TO DWG. C-GE-22 FOR SPECIFICATION.

DENOTES PERMEABLE PAVEMENT

REFER TO LANDSCAPE ENGINEER DRAWINGS FOR SPECIFICATION.

DENOTES ARTIFICIAL TURF

PRELIMINARY
NOT FOR CONSTRUCTION

P2	COUNCIL BIOLOGICAL CONTROL REQUIREMENTS ADDED		13/10/20
P1	PRELIMINARY		12/10/20
ISSUE	DESCRIPTION	APPROVED	DATE

CLIENT

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PROJECT
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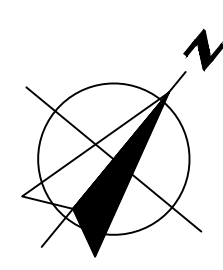
TITLE
STORMWATER DRAINAGE
PART PLAN 02

SCALES	as noted @ A1	DATE	APR, 2020
DRAWN	CKE	DESIGN	CA / PG
VERIFIED	CA	APPROVED	PG
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ISSUE	PROJECT No.	DRAWING No.	
P2	191030	C-GF-02	

MAITLAND COUNCIL BIOLOGICAL CONTROL REQUIREMENTS FOR SITE:	
TSS	- 80% REDUCTION
TP	- 45% REDUCTION
TN	- 45% REDUCTION
GP	- 70% REDUCTION
OIL & GREASE	- 90% REDUCTION

STORMWATER DRAINAGE CONCEPT PLAN - LOWER GROUND SHEET 02
SCALE 1:200

DENOTES TREE PROTECTION AREAS

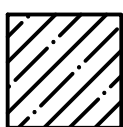




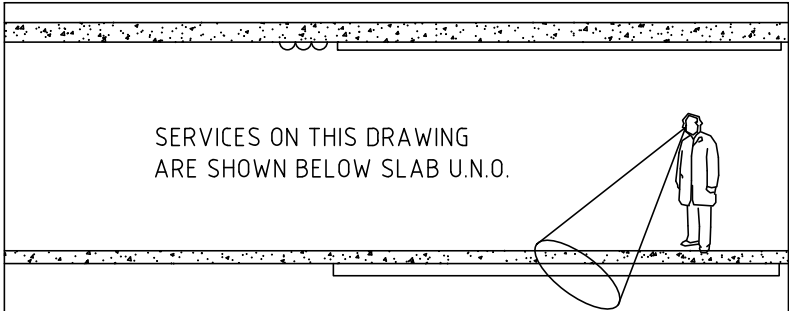
MAITLAND COUNCIL BIOLOGICAL CONTROL REQUIREMENTS FOR SITE:		
TSS	-	80% REDUCTION
TP	-	45% REDUCTION
TN	-	45% REDUCTION
GP	-	70% REDUCTION
OIL & GREASE	-	90% REDUCTION

STORMWATER DRAINAGE CONCEPT PLAN - GROUND SHEET 01

SCALE 1:200



DENOTES TREE PROTECTION AREAS



LEGEND

SUBSOIL DRAIN PIPE	SSD	SSD
STORMWATER PIPE	DFP	DFP
OVER FLOW PATH	DFP	DFP
STORMWATER PIPE EXISTING	Ex.	Ex.
SEWER PIPE	S	S
SEWER PIPE LINE EXISTING	EX.S	EX.S
ELECTRICAL LINE	E	E
TELECOMMUNICATION LINE	T	T
WATER LINE	W	W
GAS LINE	G	G
NBN LINE	NBN	NBN
COMMS LINE	C	C

- FOOTPATH PAVEMENT SLABS SHOWN THUS 100mm THICK SLAB ON GROUND WITH SL92 MESH TOP THROUGHOUT U.N.O. REFER TO DWG. C-GE-20 FOR TYPICAL SLAB JOINT DETAILS.
- "FLOATING" PAVEMENT TILES OVER 100mm THICK SLAB ON GROUND WITH SL92 MESH TOP THROUGHOUT U.N.O. SLAB DETAIL IS SUSPENDED IF IN AREA OF STRUCTURAL SLAB. REFER TO DWG. C-GE-20 FOR TYPICAL SLAB JOINT DETAILS.
- DENOTES NEW ASPHALTIC CONCRETE PAVEMENT REFER TO DWG. C-GE-22 FOR SPECIFICATION.
- CARPARK PAVEMENT SLABS SHOWN THUS 170mm THICK SLAB ON GROUND WITH SL102 MESH TOP & BOTTOM REFER TO DWG. C-GE-22 FOR SPECIFICATION.
- DENOTES NEW MAINTENANCE TRACK PAVEMENT REFER TO DWG. C-GE-22 FOR SPECIFICATION.
- DENOTES PERMEABLE PAVEMENT REFER TO LANDSCAPE ENGINEER DRAWINGS FOR SPECIFICATION.
- DENOTES ARTIFICIAL TURF

PRELIMINARY NOT FOR CONSTRUCTION

ISSUE	DESCRIPTION	APPROVED	DATE
P2	COUNCIL BIOLOGICAL CONTROL REQUIREMENTS ADDED		13/10/20
P1	PRELIMINARY		12/10/20



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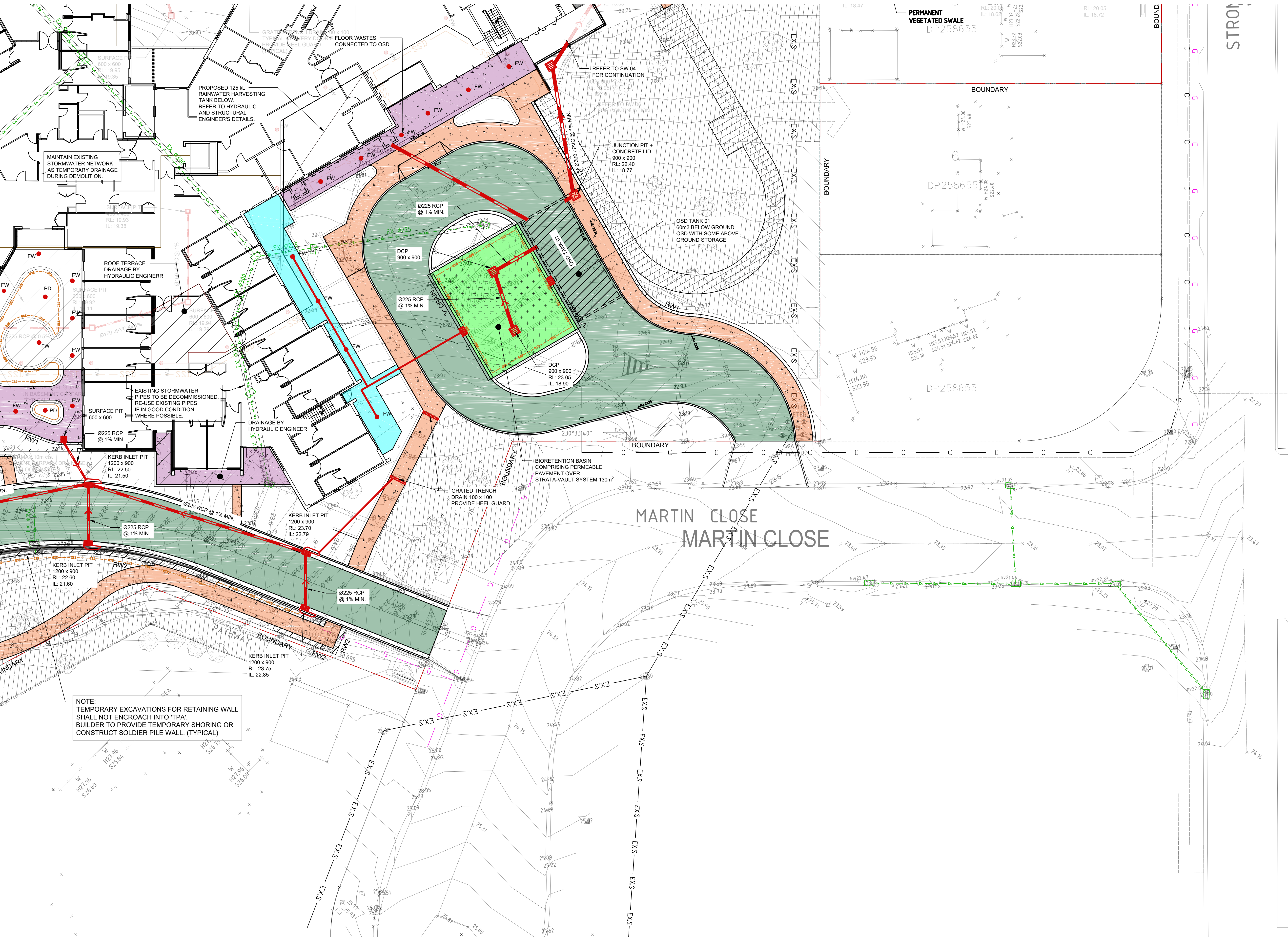


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www.birzulisassociates.com

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Residential Aged Care Facility
7 Martin Close & 42 Stronach Avenue,
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TITLE
STORMWATER DRAINAGE
PART PLAN 03

SCALES	as noted @ A1	DATE	APR, 2020
DRAWN	CA / PG	VERIFIED	APPROVED
CKE	CA	CA	PG
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ISSUE	PROJECT No.	DRAWING No.	
P2	191030	C-GF-03	



MAITLAND COUNCIL BIOLOGICAL CONTROL REQUIREMENTS FOR SITE:		
TSS	-	80% REDUCTION
TP	-	45% REDUCTION
TN	-	45% REDUCTION
GP	-	70% REDUCTION
OIL & GREASE	-	90% REDUCTION

STORMWATER DRAINAGE CONCEPT PLAN - GROUND SHEET 02
SCALE 1:200

 DENOTES TREE PROTECTION AREAS

LEGEND

SUBSOIL DRAIN PIPE	SSD	SSD
STORMWATER PIPE	DFP	DFP
OVER FLOW PATH	DFP	DFP
STORMWATER PIPE EXISTING	Ex.	Ex.
SEWER PIPE	S	S
SEWER PIPE LINE EXISTING	EX.S	EX.S
ELECTRICAL LINE	E	E
TELECOMMUNICATION LINE	T	T
WATER LINE	W	W
GAS LINE	G	G
NBN LINE	NBN	NBN
COMMS LINE	C	C

FOOTPATH PAVEMENT SLABS SHOWN THUS
100mm THICK SLAB ON GROUND WITH SL92 MESH TOP
THROUGHOUT U.N.O.

"FLOATING" PAVEMENT TILES OVER 100mm THICK SLAB ON
GROUND WITH SL92 MESH TOP THROUGHOUT U.N.O. SLAB
DETAIL IS SUSPENDED IF IN AREA OF STRUCTURAL SLAB.
REFER TO DWG. C-GE-20 FOR TYPICAL SLAB JOINT DETAILS.

DENOTES NEW ASPHALTIC CONCRETE PAVEMENT
REFER TO DWG. C-GE-22 FOR SPECIFICATION.

CARPARK PAVEMENT SLABS SHOWN THUS
170mm THICK SLAB ON GROUND WITH SL102 MESH
TOP & BOTTOM
REFER TO DWG. C-GE-22 FOR SPECIFICATION.

DENOTES NEW MAINTENANCE TRACK PAVEMENT
REFER TO DWG. C-GE-22 FOR SPECIFICATION.

DENOTES PERMEABLE PAVEMENT
REFER TO LANDSCAPE ENGINEER DRAWINGS
FOR SPECIFICATION.

DENOTES ARTIFICIAL TURF

PRELIMINARY
NOT FOR CONSTRUCTION

P2	COUNCIL BIOLOGICAL CONTROL REQUIREMENTS ADDED	CA	13/10/20
P1	PRELIMINARY	CA	12/10/20
ISSUE	DESCRIPTION	APPROVED	DATE

CLIENT



ARCHITECT

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TITLE
STORMWATER DRAINAGE
PART PLAN 04

SCALES	as noted @ A1	DATE	APR. 2020
DRAWN	CKE	DESIGN	CA / PG
VERIFIED	CA	APPROVED	PG
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ISSUE	PROJECT No.	DRAWING No.	
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