

LEGEND

BENCH MARK	▲
BOLLARD	○ BOL
GRATED INLET PIT	■ GIP
SEWER VENT	⊗ SEV
VEHICLE CROSSING	(VC)

 northern
beaches
council

THIS PLAN IS TO BE READ IN
CONJUNCTION WITH
THE CONDITIONS OF DEVELOPMENT
CONSENT

DA2019/1228

NOTES

1. THE BOUNDARIES HAVE NOT BEEN MARKED
2. ALL AREAS AND DIMENSIONS HAVE BEEN COMPILED FROM PLANS MADE AVAILABLE BY NSW LAND REGISTRY SERVICES AND ARE SUBJECT TO FINAL SURVEY
3. ORIGIN OF LEVELS ON A.H.D. IS TAKEN FROM PM 1006 R.L. 48.998 (A.H.D.) IN BIRKLEY ROAD
4. ONLY SPOT LEVELS SHOULD BE USED FOR CALCULATIONS OF QUANTITIES WITH CAUTION
5. KERB LEVELS ARE TO THE TOP OF KERB UNLESS SHOWN OTHERWISE
6. FLOOR LEVELS SHOWN ARE THRESHOLD LEVELS. NO INVESTIGATION OF INTERNAL FLOOR LEVELS HAS BEEN UNDERTAKEN
7. NO INVESTIGATION OF UNDERGROUND SERVICES HAS BEEN MADE. SERVICES HAVE BEEN PLOTTED FROM RELEVANT AUTHORITIES INFORMATION AND HAVE NOT BEEN SURVEYED. ALL RELEVANT AUTHORITIES SHOULD BE NOTIFIED PRIOR TO ANY EXCAVATION ON OR NEAR THE SITE
8. 8/4/7 DENOTES TREE SPREAD OF 8m, TRUNK DIAMETER OF 0.4m & APPROX HEIGHT OF 7m
9. SHOWS APPROXIMATE POSITION OF ROAD LINEMARKING AND IS INDICATIVE ONLY
10. BEARINGS SHOWN ARE MGA (MAP GRID OF AUSTRALIA) ADD APPROX. 1°00' FOR TRUE NORTH



REFER TO NOTES AND LEGEND



Revision	Date	Description	Reference
L	00/00/00	-	00
K	00/00/00	-	00
J	00/00/00	-	00
I	00/00/00	-	00

Revision	Date	Description	Reference
H	00/00/00	-	00
G	00/00/00	-	00
F	00/00/00	-	00
E	00/00/00	-	00

Revision	Date	Description	Reference
D	00/00/00	-	00
C	00/00/00	-	00
B	00/00/00	-	00
A	00/00/00	-	00



THIS IS THE PLAN REFERRED
TO IN MY LETTER
DATED:

.....
Registered Surveyor NSW

Client: UNITING
Drawing title:
PLAN OF INTERNAL CARPARK AT LOT 1 IN DP 593980
KNOWN AS UNITING WESLEY HEIGHTS, BIRKLEY ROAD,
MANLY

datum
AHD
site Area
5715m²
LGA
NORTHERN BEACHES

reference
number
50810 001DT
scale
1:300 @A1
date of survey
26/09/2019

SHEET
OF
8
1

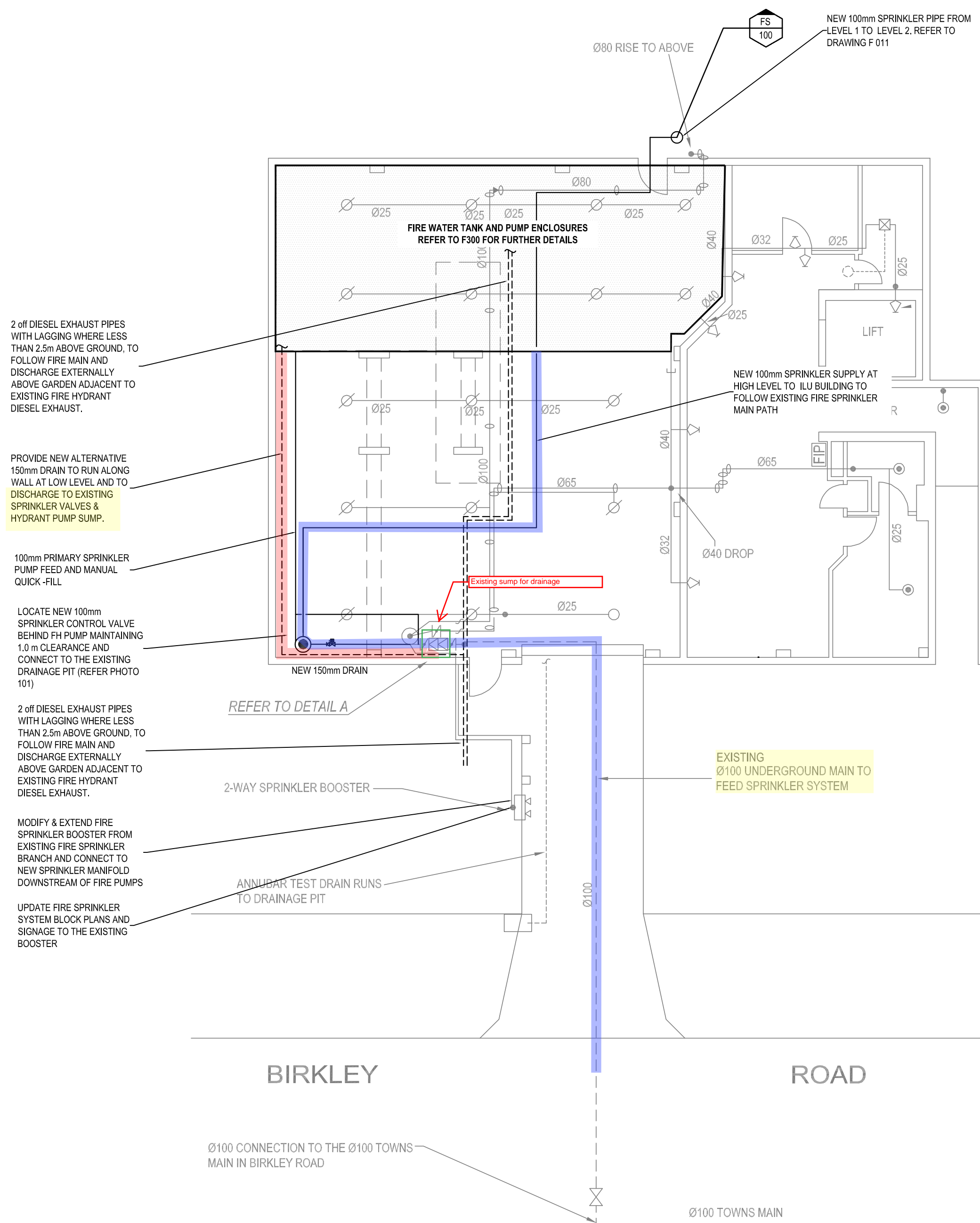
2. REFER TO THE FOLLOWING DRAWINGS FOR:
 - COVER SHEET DRAWING NO. 190105-F000 FOR SITE PLAN, DRAWING SCHEDULE, LEGEND AND GENERAL NOTES
3. REFER TO THE FOLLOWING DRAWING FOR REFERENCE: 1000101-21 DATED 20 JULY 2019, PREPARED BY BLACK & VEATCH FOR GOLDSMITH PARK FILL DEPOSITION OF DEFECTS
4. MODIFY FIRE HYDRANT SYSTEM AND LANDING VALVES CONFIGURATION TO PROVIDE MIN. CLEARANCE TO 452414-12005 REQUIREMENTS AS NOMINATED IN THE BCSA REPORT.
5. MODIFY AND PROVIDE MONITORED ISOLATION VALVES TO PROVIDE WALL WETTING SPRINKLERS ON LEVEL 3 AND LEVEL 4. IS HAS SHOWN AND AS NOMINATED IN THE BCSA REPORT.
6. PROVIDE NEW 1" HDPE SPLITTER SYSTEM WITH SECONDARY WATER SUPPLY FOR A OVER 25m HIGH BUILDING TO AS218.1-2017 REQUIREMENTS, AS NOMINATED IN THE BCSA REPORT.
7. ALL SPRINKLER PIPEWORK AND SIDEWALL SPRINKLERS TO BE INSTALLED NOMINALLY AT 125 mm CENTERLINE BELOW CEILING WITH PIPEWORK, DESIGNED TO ALLOW FOR STAGED INSTALLATION INTO INDIVIDUAL FLIES.
8. SPRINKLER PIPEWORK PENETRATING THROUGH FLOORS AND BULKHEADS BY FIRE CONTRACTOR.
9. ALL PIPE SIZES ARE NOMINAL, AND TO BE CONFIRMED WITH HYDRAULIC CALCULATIONS TO BE REVIEWED BY CLIENT AND FIRE CONTRACT.
10. PROVIDE FIRE SPRINKLER INTERFACES WITH EXISTING FIRE DETECTION SYSTEM AT THE SFP AND MIP IN THE HOSTEL BUILDING FOR THE FOLLOWING:
 - PRIMARY AND SECONDARY FIRE SPRINKLER PUMPS INDICATIONS
 - WATER TANK LEVEL INDICATIONS
 - FIRE SPRINKLER FLOW SWITCHES
 - SOLENOID TEST DRAINS
 - SPRINKLER VALVE MONITORING
 - MECHANICAL SERVICES INTERFACES.
11. REFER TO FIRE DETECTION & EVES SCOPE NOTES ON DRAWING NO. 190105-F001
12. PROVIDE ASSISTANCE/COORDINATION WITH THE BUILDER AND OTHER TRADES WHERE REQUIRED TO PROVIDE NOMINATED BCSA SCOPE. REFER TO DRAWING NO. 190105-F001 FOR OTHER BCSA SCOPE SUBJECTS.
13. THE SPRINKLER INSTALLATION IS REQUIRED TO STAGED AND INSTALLED TO BUT PROGRESSIVE UNIT ACCESS. COORDINATE ACCESS PROGRAMME WITH THE PROJECT MANAGER AND CLIENT.



PHOTO 100: NEW WATER STORAGE TANK LOCATION
WITHIN EXISTING CARPARK AREA



PHOTO 101: EXISTING 100mm WATER SUPPLY, NURSING HOME SPRINKLER CONTROL VALVES AND DRAIN SUMP DETAILS WITHIN EXISTING CARPARK AREA

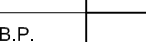


NOTE:
THE NEW WATER TANK AND PUMP
LAYOUTS ARE SHOWN ON EXISTING
SPRINKLER SYSTEM LAYOUT
BACKGROUND.



1 : 100-A1 1 : 200-A3

REVISIONS / AMENDMENTS				REVISIONS / AMENDMENTS			
Rev	Date	Description	Verified	Rev	Date	Description	Verified
P1	09.09.19	PRELIMINARY ISSUE	S.A.				
P2	15.10.19	PRELIMINARY ISSUE	B.P.				
A	29.10.19	TENDER ISSUE	B.P.				



All dimensions to be verified on site/s prior to commencement of on-site work and/or off-site prefabrication. Figured dimension to be taken in preference to scaled dimensions. This drawing is copyright and remains the property of JHA Consulting Engineers. Reproduction in whole or part of these drawings without written consent constitutes an infringement of copyright.

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CLIENT



ARCHIT



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PROJECT

WESLEY HEIGHTS ILU MANLY
33 BIRKLEY ROAD MANLY
NSW

TITLE

FIRE PROTECTION SERVICES
LEVEL 1 CARPARK
NURSING HOME
EXISTING SPRINKLER LAYOUT

<h1 style="text-align: center;">TENDER ISSUE</h1> <p style="text-align: center;">NOT TO BE USED FOR CONSTRUCTION</p>			
DRAWN	S.A.	SCALE @ A1 1:100	
CHECKED	B.P.		
APPROVED	P.R.		
CREATED	JUN 19		
JOB No.	DRAWING No.		REV
190105	F010		A

