

0m 1 2 3 4 5
SCALE 1:100 ON ORIGINAL SIZE

REVISION	DESCRIPTION	DRAWN	DATE
A	FIRE HYDRANT LOCATION SKETCH	DC	24.04.23
B	TENDER ISSUE	DC	25.10.23
C	FOR COORDINATION	DC	12.02.24
1	CONSTRUCTION CERTIFICATE ISSUE	DC	20.03.24

NOTES

1. PROVIDE 50 LITRE HOT WATER UNIT @ H/L. PROVIDE ADEQUATE SUPPORT STRUCTURE AND SAFE TRAY. ALLOW TO DRAIN SAFE TRAY AND TPRV OVER TUNDISH BELOW.
2. PLUMBER TO PROVIDE HOT & COLD WATER ROUGH-INS WITHIN AMENITIES ROOM. PROVIDE THV (THERMOSTATIC MIXING VALVE) @ 1600 AFFL IN LOCKABLE RECESSED STAINLESS STEEL BOX. MANUFACTURER = "ENWARE" AQUABLEND 1000.
3. ALL PARTS OF THE BUILDING PROTECTED BY AN EXTERNAL HYDRANT SHALL BE NOT MORE THAN 70M.
4. ALL PARTS OF THE FLOOR SHALL BE NOT MORE THAN 40M FROM AN INTERNAL FIRE HYDRANT.
5. FIRE HOSE REEL COVERAGE TO ALL PORTIONS ON THE FLOOR SHALL BE WITHIN REACH OF A 4M HOSE STREAM ISSUING FROM A NOZZLE AT THE END OF THE HOSE LAID ON THE FLOOR. THE HOSE LENGTH SHALL NOT EXCEED 36M.
6. FIRE RATED BRACKETS TO ALL FIRE SERVICES TO BE INSTALLED AS PER AS2419. CONTACT FIRE RATED SUPPLIES ON MOBILE 0420 622 288.
7. COLD WATER PUMP (VARIABLE SPEED) COMPLETE WITH MOUNTING BRACKETS WITH VIBRATION ELIMINATORS AT THE BASE OF THE PUMP. PUMP DUTIES TO BE 2L/SEC @ 300KPA.
8. PROVIDE 500KPA PRESSURE REDUCTION VALVE.
9. FIRE HOSE REEL CONNECTION FROM RPZD VALVE WITHIN PUMP ROOM. THE VALVE SHALL BE PROVIDED WITH 003 KEY LOCKED IN OPEN POSITION WITH SIGNAGE STATING "FIRE HOSE REEL SERVICE" RPZD TO MAINTAIN 300mm ABOVE TUNDISH.
10. FIRE CONTRACTOR TO ALLOW TO SUPPLY AND INSTALL ALINE SINGLE PUMP ROOM ENCLOSURE WITH DIESEL FIRE PUMP WITH SUPPLY FROM TOWNS MAIN PUMPS SHALL BE COMPLETE WITH CONTROL PANEL AND JACKING PUMP MOUNTED ON STEEL BASE PLATE. PUMPS ARE ESTIMATED CONTRACTOR TO CONFIRM FINAL DUTIES. ESTIMATED - 10L/SEC @ 700 KPA.
11. FIRE HYDRANT BOOSTER TO BE INSTALLED IN ACCORDANCE WITH AS2419. 2021. PLUMBER TO PROVIDE A "H" PATTERN BOOSTER WITH DUAL FEED AND DUAL BOOST INLETS. REFER TO DETAIL SHEET FOR MORE DETAIL.

FOR CONTINUATION REFER TO DRAWING H12

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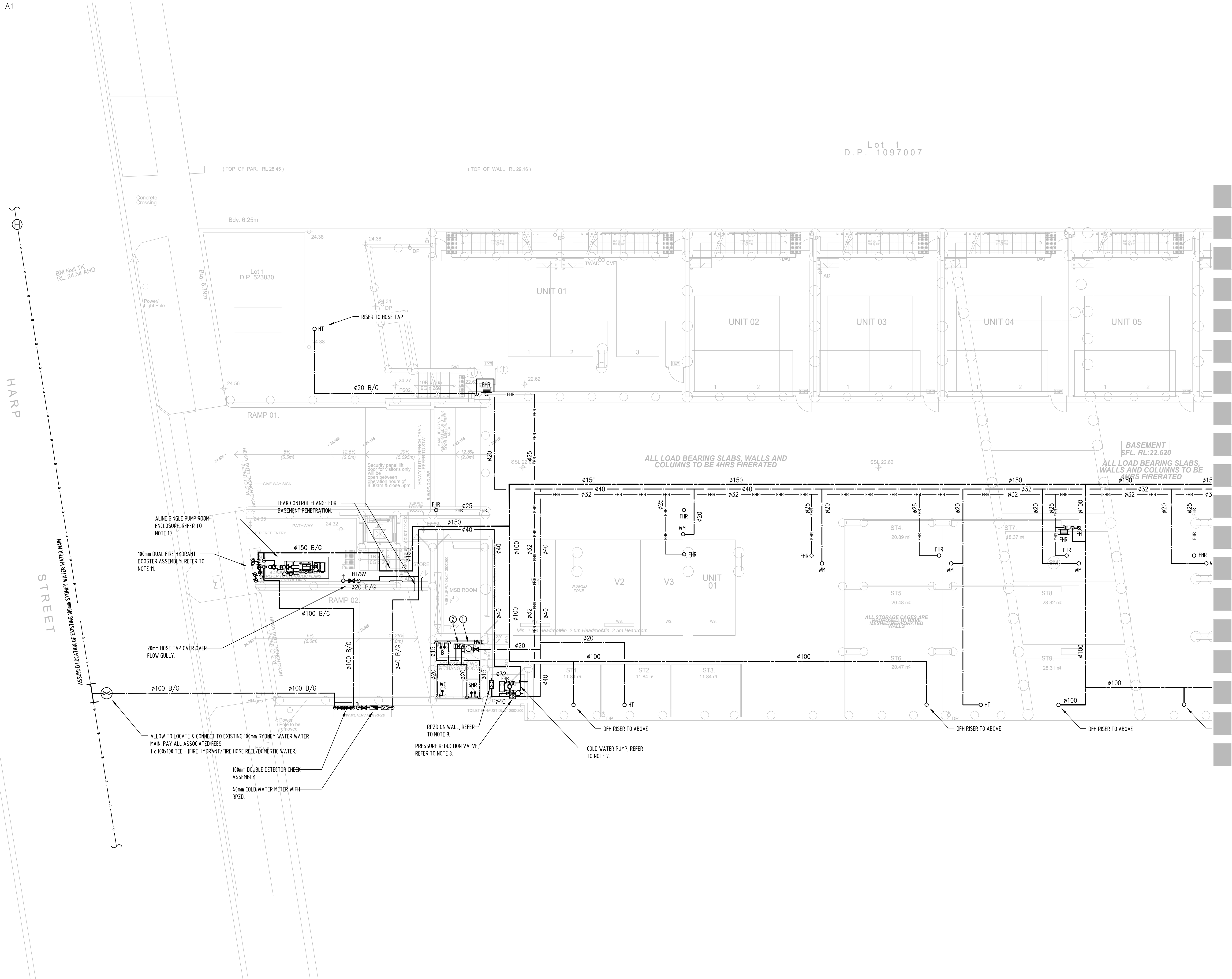
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PROJECT
WAREHOUSE DEVELOPMENT
16-18 HARP STREET,
CAMPSIE NSW 2194

DRAWING TITLE
HYDRAULIC SERVICES
WATER AND GAS SERVICES
BASEMENT FLOOR PLAN
SHEET 1 OF 2

SCALE: 1:100 @ A1 DATE: NOV 2021
DESIGN: DC CHECKED: DC
DRAWN: DC APPROVED: DC
Number Dwg's in Set: 17
JOB NUMBER DRAWING NUMBER ISSUE
21126 H11 1



HARP STREET

Lot 1
D.P. 1097007

(TOP OF PAR. RL 28.45) (TOP OF WALL RL 28.16)

ALL LOAD BEARING SLABS, WALLS AND COLUMNS TO BE 4HRS FIRERATED

BASEMENT SFL RL:22.620
ALL LOAD BEARING SLABS, WALLS AND COLUMNS TO BE 1/2HRS FIRERATED

ALL STORAGE CAGES ARE MESHED TO RATED WALLS

ALINE SINGLE PUMP ROOM ENCLOSURE. REFER TO NOTE 10.

100mm DUAL FIRE HYDRANT BOOSTER ASSEMBLY. REFER TO NOTE 11.

20mm HOSE TAP OVER FLOW GULLY.

ALLOW TO LOCATE & CONNECT TO EXISTING 100mm SYDNEY WATER MAIN. MAIN PAY ALL ASSOCIATED FEES 1x 100x100 TEE - (FIRE HYDRANT/FIRE HOSE REEL/DOMESTIC WATER)

100mm DOUBLE DETECTOR CHECK ASSEMBLY.
40mm COLD WATER METER WITH RPZD.

RPZD ON WALL. REFER TO NOTE 9.

PRESSURE REDUCTION VALVE. REFER TO NOTE 8.

COLD WATER PUMP. REFER TO NOTE 7.

DFH RISER TO ABOVE

DFH RISER TO ABOVE

DFH RISER TO ABOVE

LEAK CONTROL FLANGE FOR BASEMENT PENETRATION.

SECURITY PANEL LIFT DOOR FOR VISITOR'S ONLY WILL BE OPEN BETWEEN OPERATION HOURS OF 8.30am & CLOSE 5pm

HEAVY DUTY BENCH DRAIN REFER TO SW

MAINTENANCE ACCESS TO ALL SERVICES

REBUILDING DOOR

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