

BORONIA PARK PAVILION

PARK ROAD, HUNTERS HILL NSW 2110
HYDRAULIC SERVICES



HYDRAULIC SERVICES DRAWING LIST

DWG No.	DRAWING TITLE
HY-001	COVER SHEET AND DRAWING SCHEDULE
HY-002	LEGEND AND GENERAL NOTES
HY-003	SPECIFICATION SHEET
HY-100	SITE PLAN
HY-101	SITE PLAN (SHED)
HY-200	GROUND FLOOR - SANITARY PLUMBING AND DRAINAGE
HY-300	GROUND FLOOR - PRESSURE SERVICES
HY-400	DETAIL SHEET 1



VERIFIER: J.H. MONTGOMERY

JOB MANAGER: J.H. MONTGOMERY

DESIGNED: J.H. MONTGOMERY

DRAWN: WET

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DESCRIPTION		ISSUED	VER'D	APP'D	DATE	CLIENT	ARCHITECT	 <div>Sydney Level 11, 345 George Street, Sydney, N.S.W. 2000 Ph (02) 9241 4188 Email: sydney@northrop.com.au ABN 81 094 433 100</div>	PROJECT	DRAWING TITLE	JOB NUMBER	
1	ISSUE FOR COORDINATION	JHM		JHM	05.06.24	 <div>22 ALEXANDRA STREET HUNTERS HILL NSW 2110</div>	ALL SETOUT TO ARCHITECT'S DRAWINGS. DIMENSIONS TO BE VERIFIED WITH ARCHITECT AND BUILDER BEFORE COMMENCING SHOP DRAWINGS OR SITE WORK. NORTHROP ACCEPTS NO RESPONSIBILITY FOR THE USABILITY, COMPLETENESS OR SCALE OF DRAWINGS TRANSFERRED ELECTRONICALLY.		BORONIA PARK PAVILION PARK ROAD, HUNTERS HILL NSW 2110	HYDRAULIC SERVICES COVER SHEET AND DRAWING SCHEDULE	SY231279	
A	TENDER ISSUE	JHM		JHM	26.06.24						DRAWING NUMBER	REVISION
B	TENDER	JHM		JHM	05.07.24						HY-001	B
								DRAWING SHEET SIZE = A1				
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ABBREVIATIONS	
AAV	AIR ADMITTANCE VALVE
BT	BASKET TRAP
CL	COVER LEVEL
CO	CLEAR OUT
Cu.	COPPER
C/S	CEILING SPACE
CW	COLD WATER SERVICE
DP	DOWNPIPE
EJ	EXPANSION JOINT
FFL	FINISHED FLOOR LEVEL
FH	FIRE HYDRANT
FHR	FIRE HOSE REEL
FW	FLOOR WASTE
GM	GAS METER
GMS	GALVANISED MILD STEEL
FU	FIXTURE UNITS
HER	HIGH END RISER
HT	HOSE TAP
H/D	HEAVY DUTY
HDPE	HIGH DENSITY POLYETHYLENE
HW	HOT WATER
HWF	HOT WATER FLOW
HWR	HOT WATER RETURN
IL	INVERT LEVEL
IO	INSPECTION OPENING
IS	INSPECTION SHAFT
LIT	LEVEL INVERT TAPER REDUCER
NPCW	NON POTABLE COLD WATER
O/F	OVER FLOW
ORG	OVERFLOW RELIEF GULLY
PO	PLANTER OUTLET
RO	REVERSE OSMOSIS
RWO	RAINWATER OUTLET
RPZD	REDUCED PRESSURE ZONE DEVICE
RV	REFLUX VALVE
RW	RAW WATER
SC	STOP COCK
SD	SEWER DRAIN
SMH	SEWER MANHOLE
SRM	SEWER RISING MAIN
ST	SILT TRAP
SV	STOP VALVE
SVP	SEWER VENT PIPE
SW	STORMWATER
SWMH	STORMWATER MAN HOLE
SWRM	STORMWATER RISING MAIN
TB	THRUST BLOCK
TD	TUNDISH
TDCV	TESTABLE DOUBLE CHECK VALVE
TMV	THERMOSTATIC MIXING VALVE
TTD	TRAPPED TUNDISH
TW	TRADE WASTE
TWV	TRADE WASTE VENT
U/B	UNDER BENCH
UPVC	UNPLASTICISED POLYVINYL CHLORIDE
VJU	VERTICAL JUMP UP
VP	VENT PIPE
WM	WATER METER
WWF	WARM WATER FLOW
WWR	WARM WATER RETURN

	ISOLATION VALVE		WATER CLOSET
	ISOLATION VALVE IN PATH BOX		URINAL
	BALL VALVE		TUNDISH
	GATE VALVE		TRAPPED TUNDISH
	GLOBE VALVE		SINK
	BUTTERFLY VALVE		SILT TRAP
	NON RETURN VALVE		SHOWER
	DOUBLE VALVE		OVERFLOW RELIEF GULLY
	REDUCED PRESSURE ZONE DEVICE		LAUNDRY TAB
	REFLUX VALVE		INSPECTION OPENING
	FLAP VALVE		INDUCT PIPE MICA FLAP
	GAS ISOLATION VALVE		FLOOR WASTE
	GAS PRESSURE REGULATOR VALVE		DISCONNECTOR GULLY
	PRESSURE REDUCING VALVE		CLEAROUT
	RATIO REDUCTION VALVE		CLEANER'S SINK
	PRESSURE LIMITING VALVE		BUCKET TRAP FLOOR WASTE
	PRESSURE RELIEF VALVE		BOUNDARY TRAP
	BALANCING VALVE		BATH
	FLOAT VALVE		BASIN
	MONITORED VALVE		FLOW DIRECTION
	SOLENOID VALVE		HOSE TAP RISE
	FLOW SENSOR		HOSE TAP DROP TEE
	FLOW SWITCH		HOSE TAP DROP
	PRESSURE SENSOR		WATER METER
	PRESSURE SWITCH		GAS METER
	TEMPERATURE SENSOR		TEMPERING VALVE
	PRESSURE GAUGE		THERMOSTATIC MIXING VALVE
	TEMPERATURE GAUGE		CHILLED AND BOILING WATER UNIT
	FIRE HOSE REEL		BOILING WATER UNIT
			DISH WASHER
			SEWER MANHOLE
			DRAWING CONTINUATION
			SYSTEM FLOW DIRECTION



LINETYPES

	AUTHORITY SEWER
	SEWER DRAINAGE
	SANITARY PLUMBING
	TRADEWASTE
	STORMWATER DRAINAGE
	SUBSOIL DRAINAGE
	SANITARY VENT
	RAINWATER
	RISING SEWER MAIN
	RISING STORMWATER MAIN
	COLD WATER SERVICES
	HOT WATER SERVICE
	HOT WATER RETURN
	WARM WATER
	NON POTABLE WATER
	GAS SERVICE
	FIRE HYDRANT SERVICE
	FIRE HOSE REEL SERVICE
	FIRE SPRINKLER SERVICE
	SYPHONIC
	TEST DRAIN
	EXISTING SERVICES
	EXISTING WATER MAIN
	EXISTING SEWER MAIN
	EXISTING STORMWATER MAIN
	EXISTING GAS MAIN
	EXISTING COLD WATER
	EXISTING GAS MAIN

PIPEWORK

	AUTHORITY SEWER
	SEWER DRAINAGE
	SANITARY PLUMBING
	TRADEWASTE
	STORMWATER DRAINAGE
	SUBSOIL DRAINAGE
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VERIFIER: Approver

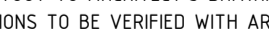

GENERAL					
1.	ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH RELEVANT AUTHORITY REQUIREMENTS, NETWORK UTILITY POLICIES AND SPECIFICATIONS, SUPERINTENDENTS APPROVAL, HYDRAULIC SPECIFICATION AND AUSTRALIAN STANDARDS AS/NZS 3500, AS 5601, AS 1221, AS 2441 AND AS 2419.1.				
2.	THIS PLAN SHALL BE READ IN CONJUNCTION WITH THE APPROVED ARCHITECTURAL, LANDSCAPE, STRUCTURAL, MECHANICAL AND ELECTRICAL PLANS AND SPECIFICATIONS.				
3.	DRAINS TO BE SUPPORTED ON OR FROM SOLID GROUND. LOCATION AND DEPTH/INVERT OF BRANCH SHALL BE VERIFIED ON SITE PRIOR TO COMMENCEMENT OF WORK.				
4.	DRAINS UNDER BUILDING SHALL BE RE-TESTED WHERE DIRECTED BY THE SUPERINTENDENT.				
5.	INSPECTION OPENINGS SHALL BE PROVIDED IN ACCORDANCE WITH AS/NZS 3500.2, SECTION 4.7 AND THE FOLLOWING: 5.1. OUTSIDE OF A BUILDING, NO FURTHER THAN 2.5m, ALONG EACH BRANCH DRAIN CONNECTING ONE OR MORE WATER CLOSETS OR SLOP HOPPERS; 5.2. AT INTERVALS OF NOT MORE THAN 30m, WITH A MINIMUM OF ONE INSPECTION OPENING ON EACH MAIN DRAIN; 5.3. AT THE CONNECTION TO THE NETWORK UTILITY OPERATOR'S SEWER IF NOT PROVIDED BY THE NETWORK UTILITY OPERATOR; 5.4. ON THE DOWNSTREAM END OF THE DRAIN WHERE ANY DRAIN PASSES UNDER A BUILDING EXCEPT WHERE WASTE FIXTURES ONLY ARE CONCERNED; 5.5. WHERE ANY NEW SECTION OF DRAIN IS CONNECTED TO AN EXISTING DRAIN; 5.6. IMMEDIATELY AT OR UPSTREAM OF THE UPPER BEND OF A JUMP-UP; AND 5.7. UPSTREAM OF ALL REDUCERS.				
6.	EXISTING SERVICES HAVE BEEN PLOTTED FROM SUPPLIED DATA. NORTHPROP CONSULTING ENGINEERS PTY LTD DOES NOT GUARANTEE THEIR ACCURACY AND IT IS THE CONTRACTORS RESPONSIBILITY TO ESTABLISH THE LOCATION OF ALL EXISTING SERVICES PRIOR TO THE COMMENCEMENT OF ANY WORK. ALL CLEARANCES SHALL BE OBTAINED FROM THE RELEVANT AUTHORITY.				
7.	THE CONTRACTOR SHALL ARRANGE ALL SURVEY SETOUTS BY A REGISTERED SURVEYOR.				
8.	ALL SERVICES THAT CROSS FOOT PATHS, FOOTINGS ETC. SHALL BE BACKFILLED WITH APPROVED GRANULAR MATERIAL TO SUBGRADE LEVEL AND COMPACTED TO 100% STANDARD MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS 1289/E11.				
9.	ON COMPLETION OF PIPE INSTALLATION, ALL DISTURBED AREAS MUST BE RESTORED TO ORIGINAL CONDITION INCLUDING KERBS, FOOTPATHS, CONCRETE AREAS, GRAVEL AREAS, GRASSED AREAS AND ROAD PAVEMENTS.				
10.	TRENCHES THROUGH EXISTING ROAD AND CONCRETE AREAS SHALL BE SAWCUT TO FULL DEPTH OF CONCRETE AND A MINIMUM OF 50mm IN BITUMINOUS PAVING. REINSTATE TO EQUIVALENT OF ORIGINAL ROAD AND CONCRETE AREA.				
11.	WHERE NEW WORK ABUTS EXISTING, THE CONTRACTOR SHALL ENSURE THAT A SMOOTH, EVEN PROFILE, FREE FROM ABRUPT CHANGES, IS OBTAINED.				
12.	CARE SHALL BE TAKEN WHEN EXCAVATING NEAR EXISTING SERVICES. NO MECHANICAL EXCAVATION SHALL BE TAKEN OVER TELSTRA OR ELECTRICAL SERVICES. EXCAVATE BY HAND IN THESE AREAS.				
13.	ALL CORE HOLE LOCATIONS SHALL BE APPROVED BY THE SUPERINTENDENT PRIOR TO COMMENCEMENT OF CORING.				
14.	CONTRACTOR SHALL ALLOW FOR ALL TIMBERING, SHORING AND SHUTTERING AS NECESSARY TO CONSTRUCT PIPEWORK AND INCLUDE THE REMOVAL OF SAME UPON COMPLETION OF PIPEWORK.				
15.	ALL PVC-U PIPE EXPOSED TO SUNLIGHT SHALL BE DWV.				
16.	THE CONTRACTOR IS TO LOCATE AND CONFIRM LEVELS OF ALL EXISTING SERVICE CONNECTIONS PRIOR TO COMMENCING WORK. NOTIFY THE SUPERINTENDENT IMMEDIATELY IF ANY DIFFERENCES IN POSITION AND LEVEL ARE FOUND.				
17.	THE CONTRACTOR MUST VISIT THE SITE OF WORKS BEFORE TENDERING AND ALLOWANCES ON THEIR TENDER FOR ALL TOPOGRAPHICAL CONSTRAINTS AFFECTING THE EXECUTION OF THE WORKS AND THE RESTORATION OF THE SITE.				
18.	THE CONTRACTOR MUST SECURE ALL PERMITS, ARRANGE ALL CLEARANCES AND PAY ALL FEES REQUIRED TO COMPLETE THE PROJECT BEFORE COMMENCING WORK.				
19.	ANY NON-METALLIC INGROUND WATER SERVICE IS TO BE INSTALLED WITH TRACE WIRE AND TESTED.				
20.	THESE DRAWING SHALL NOT BE COPIED OR AMENDED WITHOUT THE WRITTEN CONSENT FROM NORTHPROP CONSULTING ENGINEERS PTY LTD.				
21.	THE CONTRACTOR IS TO ALLOW FOR THE PROCUREMENT AND INSTALLATION OF ALL APPLICABLE SIGNAGE FOR THE HYDRAULIC AND WET FIRE SERVICES IN ACCORDANCE WITH THE REQUIREMENTS OF LOCAL AUTHORITY HAVING JURISDICTION AND THE CURRENT EDITION OF THE FOLLOWING STANDARDS; ● AS3500 ● AS2419 ● AS2441 ● AS2118				

SANITARY DRAINAGE/ PLUMBING	
1.	REFER TO 'MATERIAL' SECTION OF THE HYDRAULIC SPECIFICATION FOR PIPE MATERIALS. (OR) 1. MATERIAL SCHEDULE: - INGROUND SANITARY WASTE PIPES - 65-150 PVC-U - INGROUND TRADE WASTE PIPES - 110 HDPE - VENTS -50-100PVC-U UNLESS OTHERWISE NOTED, ALL INTERNAL EXPOSED PIPEWORK ADJACENT TO PLUMBING FIXTURES INCLUDING TRAP FITTINGS SHALL BE CHROME PLATED.
2.	CONTRACTOR SHALL ALLOW FOR ADDITIONAL EXCAVATION (INCLUDING ROCK) AND BACKFILL OF PIPES, FITTINGS AND ALL JUMP-UPS TO THE LOCAL AUTHORITY REQUIREMENTS, INCLUDING THOSE TO BRANCH DRAINS.
3.	ALL BRANCH LINES SHALL BE GRADED AND/OR LOWERED TO AVOID PENETRATING FOOTING BEAMS UNLESS SHOWN OTHERWISE. THE CONTRACTOR SHALL ALLOW FOR ADDITIONAL PIPE LENGTHS AND WORK INCLUDING CONSTRUCTION OF ADDITIONAL INSPECTION OPENINGS AS REQUIRED BY THE LOCAL AUTHORITY.
4.	CO-ORDINATE WITH STRUCTURAL DRAWINGS, NO STEEL REINFORCING BARS TO BE CUT WITHOUT PRIOR WRITTEN APPROVAL FROM STRUCTURAL ENGINEER.
5.	ORG GRATE LEVEL SHALL BE IN ACCORDANCE WITH AS/NZS 3500.2 CLAUSE 4.6.6.6 AND 4.6.6.7.
6.	NEW DRAINS TO BE CONSTRUCTED ARE SHOWN IN BLUE LINES. EXISTING DRAINS ARE SHOWN IN GREEN LINES. EXISTING AUTHORITY MAINS ARE SHOWN IN RED.
7.	EXISTING DRAINS SHOWN 'X'ed' IN RED ARE TO BE EXHUMED OR ABANDONED (AS NOTED) AND ENDS SHALL BE SEALED TO APPROVAL.
8.	ALL VENT PIPES SHALL BE INSTALLED WITHIN EXTERNAL WALL CAVITIES OR INTERNAL STUD WALLS.
9.	ALL CLEAROUTS SHALL BE RAISED TO FINISHED FLOOR LEVEL AND PROVIDED WITH A SCREWED BRASS COVER.
10.	CONTRACTOR TO ENSURE THAT ALL IN-WALL TRAPPED TUNDSHES ARE TO HAVE NON-REMOVEABLE TRAPS AND BE OF THE PERMANENT CONNECTION TYPE UNLESS OTHERWISE NOTED ON THE HYDRAULIC DESIGN DRAWINGS.
11.	ALL ROOF PENETRATIONS TO DETAIL AND PAINTED COLOUR TO BE ADVISED. ALL VENTS SHALL BE OFFSET IN ROOF SPACE MINIMUM 600MM FROM EAVES AND AS SHOWN ON ARCHITECTURAL DRAWINGS. ALL VENTS TO TERMINATE 150mm ABOVE ROOF LEVEL.
12.	EXPOSED INTERNAL PIPEWORK SHALL BE CHROME-PLATED.
13.	ALL ROOF PENETRATIONS SHALL BE FLASHED WITH 'DEK TITE' FLASHING. COLOUR TO MATCH ROOF.

FIRE HOSE REEL SERVICE	
1.	SUPPLY AND INSTALL FIRE HOSE REEL SYSTEM INCLUDING PIPEWORK AND ALL FITTINGS AS SHOWN.
2.	COPPER PIPES AND FITTINGS TO AS 1432 TYPE 'B' SHALL BE USED THROUGHOUT.
3.	FIRE HOSE REELS TO BE 36m LONG U.N.O
4.	ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH AS 2441, THE REQUIREMENTS OF FIRE BRIGADE, WATER AUTHORITY, AND OTHER AUTHORITIES HAVING JURISDICTION.
5.	ALL FIRE SERVICE ISOLATION VALVES TO BE METAL STRAPPED, PADLOCKED OPEN, AND LABELED WITH A NON-FERROUS METAL TAG WITH 8mm UPPER CASE WORDING: 'FIRE SERVICE VALVE/CLOSE ONLY TO SERVICE FIRE HOSE REEL SYSTEM'.

WATER SERVICE	
1.	REFER TO 'MATERIAL' SECTION OF THE HYDRAULIC SPECIFICATION FOR PIPE MATERIALS. (OR) 1. MATERIAL SCHEDULE: - COPPER TUBE TO AS 1432 - COPPER FITTINGS TO AS 1589 - CAPILLARY FITTINGS TO AS 3688. SILVER SOLDER JOINTS ONLY. - PE-X PIPEWORK COMPLYING WITH AS 2492 MAY BE USED AS INDICATED. - PE-X PIPEWORK SHALL NOT BE LESS THAN CLASS 16 AS SPECIFIED IN AS/NZS 3500. JOINTING SHALL BE IN ACCORDANCE WITH AS 3688 AND THE METHOD SHALL BE AS PER MANUFACTURES INSTRUCTIONS. - PE-X MUST NOT BE USED IN AREAS AS SPECIFIED IN AS/NZS 3500.
2.	ALL PIPEWORK SHALL BE INSTALLED IN ACCORDANCE WITH AS/NZS 3500.
3.	ALL HOT WATER PIPEWORK SHALL BE INSULATED IN ACCORDANCE WITH AS/NZS 3500.
4.	ALL HOSE COCKS TO BE INSTALLED WITH A VACUUM BREAKER TO THE WATER AUTHORITIES' REQUIREMENTS.
5.	COPPER TUBES SHALL BE USED FOR DOMESTIC WATER AND FIRE SERVICE AND SHALL COMPLY WITH AS 1432 TYPE 'B' TUBES.
6.	NO CHASES ALLOWED UNLESS APPROVED IN WRITING BY SUPERINTENDENT.
7.	NO PIPE WORK SHALL RUN IN SOUND INSULATED WALLS UNLESS OTHER WISE SPECIFIED.
8.	WHERE PIPES ARE IN CONTACT WITH DISSIMILAR MATERIALS THEY ARE TO BE PROTECTED WITH BI-METAL CORROSION.
9.	ANY STORED OR CIRCULATED HOT WATER IS TO BE AT NO LESS THAN 60°C.
10.	ISOLATION VALVES AND THERMOSTATIC MIXING VALVES ARE TO BE LOCATED IN ACCORDANCE WITH AS/NZS 3500

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FH BOOSTER SERVING NEW COMMUNITY BUILDING (UNDER CONSTRUCTION)

WATER METER SERVING NEW COMMUNITY BUILDING (UNDER CONSTRUCTION)

GAS METER SERVING NEW COMMUNITY BUILDING (UNDER CONSTRUCTION)

EXISTING ORIGINAL SITE MASTER WATER METER (50mm). COUNCIL SUPPLIED INFORMATION STATES THAT THIS METER SERVES:

- 75mm PE LINE TO 100 KL IRRIGATION TANK
- SITE BUBBLERS
- SITE HOSETAPS
- GRAND STAND BUILDING

EXTENT OF EXISTING COLD WATER SERVICE LOCATED UNDER SERVICES SEARCH AND PLOTTED ON SURVEY DRAWING PROVIDED BY COUNCIL

EXISTING PAVILION WATER METER. 25mm METER WITH 32mm PIPEWORK FROM METER SET SERVING PAVILION BUILDING

ASSUMED LOCATION AND 32mm

EXISTING PAVILION BUILDING.

EXISTING STREET HYDRANT PROVIDING COVERAGE TO PAVILION BUILDING

NEW COMMUNITY BUILDING CURRENTLY UNDER CONSTRUCTION.

EXISTING 75mm PE POTABLE WATER LINE FEEDING TANK TOP UP.

EXISTING SITE IRRIGATION TANK.

EXISTING BRICK SEWER TRUNK MAIN APPROX 40m DEEP.



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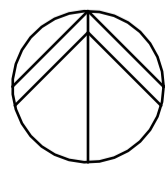
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HYDRAULIC SERVICES
SITE PLAN

JOB NUMBER

SY231279

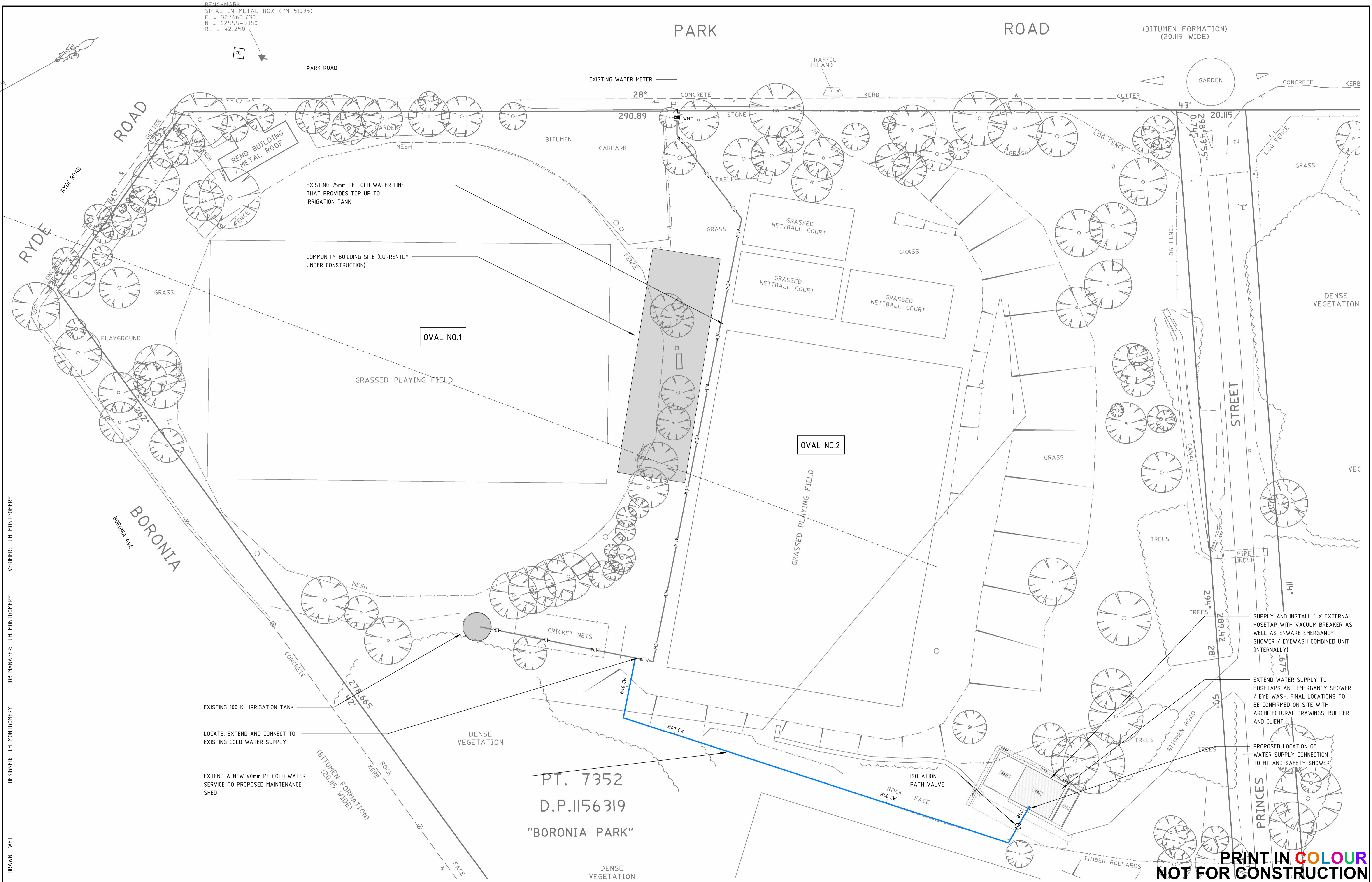
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REVISION

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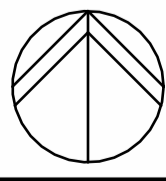
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PARK ROAD, HUNTERS HILL NSW
2110

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HYDRAULIC SERVICES
SITE PLAN (SHED)

JOB NUMBER
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HY-101
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NOTES:

1. CONTRACTOR SHALL DISCONNECT AND REMOVE REDUNDANT FIXTURES AND FITTINGS. CAP OFF PIPEWORK AS REQUIRED AND MAKE GOOD.
2. ALL EXISTING PIPEWORK SHOWN HAS BEEN TAKEN FROM OLD SYDNEY WATER INFORMATION AND MAY NOT BE ACCURATE. CONTRACTOR SHALL UNDER INVESTIGATIONS VIA SLAB SCANNING, SEARCHES LOCATING DEVICE AND CCTV TO CONFIRM LOCATION AND DEPTH OF ALL EXISTING PIPEWORK PRIOR TO COMMENCING INSTALLATION WORKS. CONTRACTOR SHALL MODIFY DESIGN AS REQUIRED TO SUIT INVESTIGATION FINDINGS AND AMEND DRAWINGS FOR AS-BUILT SUBMISSION.

CONTRACTOR SHALL SAW CUT EXISTING SLAB AND REMOVE. INSTALL NEW PIPEWORK FOR NEW BASINS AND RENEW FW GRATE. LOCATE, EXTEND AND CONNECT TO EXISTING SEWER PIPEWORK. LIAISE WITH BUILDER TO REINSTATE SLAB AND MAKE GOOD. CONTRACTOR SHALL OBTAIN ALL STRUCTURAL ENGINEERING APPROVALS PRIOR TO REMOVING EXISTING SLAB.

CONTRACTOR SHALL SAW CUT EXISTING SLAB AND REMOVE. INSTALL NEW PIPEWORK FOR NEW WC'S AND CO'S. LOCATE, EXTEND AND CONNECT TO EXISTING SEWER PIPEWORK. LIAISE WITH BUILDER TO REINSTATE SLAB AND MAKE GOOD. CONTRACTOR SHALL OBTAIN ALL STRUCTURAL ENGINEERING APPROVALS PRIOR TO REMOVING EXISTING SLAB.

EXISTING SHOWER WASTE TO BE REMOVED AND MADE GOOD.

CONTRACTOR SHALL SAW CUT EXISTING SLAB AND REMOVE. INSTALL NEW PIPEWORK FOR NEW AMENITY FIXTURES. LOCATE, EXTEND AND CONNECT TO EXISTING SEWER PIPEWORK. LIAISE WITH BUILDER TO REINSTATE SLAB AND MAKE GOOD. CONTRACTOR SHALL OBTAIN ALL STRUCTURAL ENGINEERING APPROVALS PRIOR TO REMOVING EXISTING SLAB.

EXISTING SHOWER WASTE TO BE REMOVED AND MADE GOOD.

EXISTING SINK AND ASSOCIATED PIPEWORK TO REMAIN.

EXISTING BASINS AND FLOOR WASTE TO BE CAPPED AND MADE GOOD.

CONTRACTOR SHALL CAP OFF AND REMOVE EXISTING WC'S. MAKE GOOD. TYPICAL

EXISTING BOUNDARY TRAP TO REMAIN

CONTRACTOR SHALL SAW CUT EXISTING SLAB AND REMOVE. INSTALL NEW PIPEWORK FOR NEW URINALS AND FLOOR WASTE. LOCATE, EXTEND AND CONNECT TO EXISTING SEWER PIPEWORK. LIAISE WITH BUILDER TO REINSTATE SLAB AND MAKE GOOD. CONTRACTOR SHALL OBTAIN ALL STRUCTURAL ENGINEERING APPROVALS PRIOR TO REMOVING EXISTING SLAB.

EXISTING GULLIES TO REMAIN.

CONTRACTOR SHALL SAW CUT EXISTING SLAB AND REMOVE. INSTALL NEW PIPEWORK FOR NEW WC'S AND CO'S. LOCATE, EXTEND AND CONNECT TO EXISTING SEWER PIPEWORK. LIAISE WITH BUILDER TO REINSTATE SLAB AND MAKE GOOD. CONTRACTOR SHALL OBTAIN ALL STRUCTURAL ENGINEERING APPROVALS PRIOR TO REMOVING EXISTING SLAB.

EXISTING VENT RISER TO REMAIN

CONTRACTOR SHALL DISCONNECT AND REMOVE ALL REDUNDANT FIXTURES AND FITTINGS AND MAKE GOOD (TYPICAL)

VERIFIER: J.H. MONTGOMERY

JOB MANAGER: J.H. MONTGOMERY

DESIGNED: J.H. MONTGOMERY

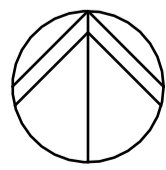
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REV	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT
1	ISSUE FOR COORDINATION	JHM		JHM	05.06.24	
A	TENDER ISSUE	JHM		JHM	26.06.24	
B	TENDER	JHM		JHM	05.07.24	



ARCHITECT

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PROJECT

BORONIA PARK PAVILION
PARK ROAD, HUNTERS HILL NSW
2110

DRAWING TITLE

HYDRAULIC SERVICES
GROUND FLOOR -
SANITARY PLUMBING
AND DRAINAGE

JOB NUMBER

SY231279

DRAWING NUMBER

HY-200

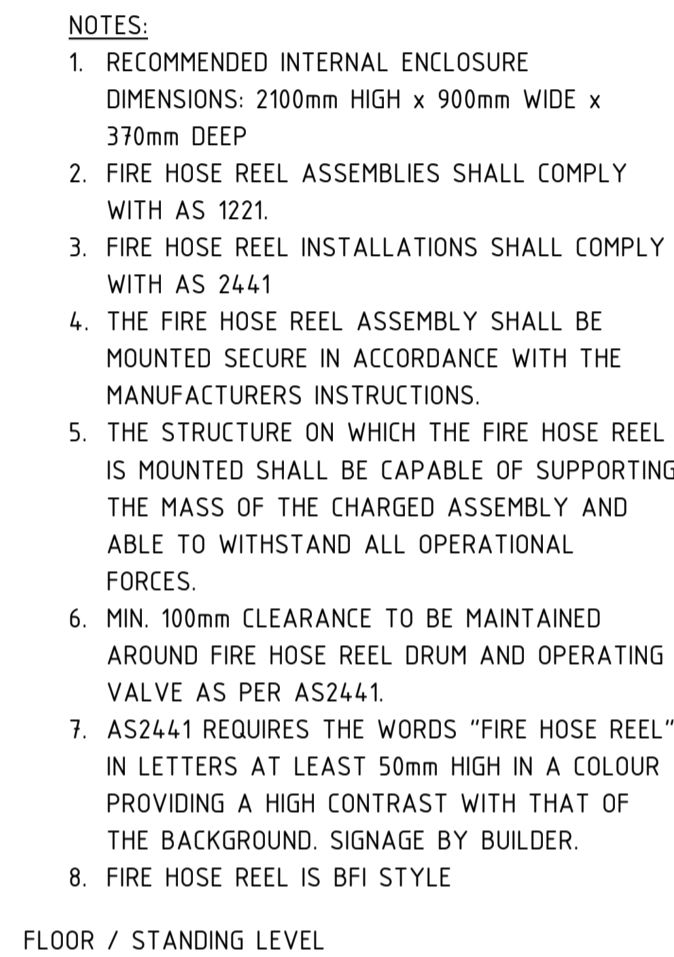
REVISION

B

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NOT TO SCALE

[illegible]