



Attachment 4

Sewer Connection Information





10th August 2023

Att: Eamon Broderick
TRCB
Level 4, 22 Delhi Street
West Perth WA 6005

**COODE STREET BOAT SHED – PROPERTY SEWER CONNECTION
COODE STREET, SOUTH PERTH**

Further to our discussion on the property sewer connection for the above project we advise the following,

Currently the existing boat shed soil & waste fixtures discharge into a private sewer pump station located external of the building on the south eastern corner. The sewer pump station discharge into an existing below ground 50PE private rising main which traverses through the reserve then runs parallel with the access road and connects into public toilet block property sewer. The public toilet block property sewer gravitates into the sites Water Corporation property sewer boundary connection,

It is proposed to replace the existing private sewer pump station with a new sewer pump station during the redevelopment works and utilise the existing private rising main. – See attached drawings.

An estimate of costs associated with the new sewer pump station has been included within the replacement buildings preliminary budget.

We trust this information is sufficient, however if you have any queries please do not hesitate to contact the undersigned.

Yours Sincerely

**Director
Hydraulics Design Australia**



SEWER PUMP PIT

EX SEWER PUMP STATION

NEW SEWER PUMP STATION

EXISTING RISING MAIN

50MM BLUE LINE POLY PUMPED SEWER

WITGOMB PL

SEE NEXT PAGE FOR CONTINUATION



WITCOMB PL

50MM BLUE LINE POLY PUMPED SEWER

RISER FROM BELOW GROUND TO 50MM COPPER ON WALL

CONNECTS TO 100MM SEWER BELOW GROUND

DOUGLAS AVE

COODE ST

JUBILEE ST

PEPPER ST



EXISTING 20/25MM
METER HERE



Public Toilet Block

Water Corporation
property sewer boundary
connection





- SERVICES KEY**
- AUTHORITY SEWER
 - AUTHORITY WATER
 - AUTHORITY GAS
 - WATER SERVICE
 - HEATED WATER SERVICE
 - HEATED WARM WATER
 - GAS SERVICE
 - FIRE SERVICE
 - NON POTABLE WATER
 - REFLECTED PIPEWORK
 - SOL PIPE
 - STOPWATER
 - VENT PIPE
 - WASTE PIPE
 - TRADE WASTE
 - MECHANICAL DRAIN
 - RISING MAIN
- SYMBOLS KEY**
- ⊙ AIR ADMITTANCE VALVE
 - ⊙ BAYONET
 - ⊙ BREAK POINT
 - ⊙ CAPPED/PLUGGED PIPE
 - ⊙ CLEANOUT
 - ⊙ CLEANOUT IN V/BOX
 - ⊙ CONTINUATION
 - ⊙ DISCONNECTOR GULLY
 - ⊙ DOWN PIPE SUMP BOX
 - ⊙ DROPPER
 - ⊙ FIRE HYDRANT
 - ⊙ FILTER
 - ⊙ FLOOR WASTE/GULLY
 - ⊙ FLOOR WASTE BOX
 - ⊙ INSPECTION OPENING
 - ⊙ ISOLATION VALVE
 - ⊙ IV IN V/BOX
 - ⊙ METER
 - ⊙ NON RETURN VALVE
 - ⊙ PRESSURE LIMITING/RED VALVE
 - ⊙ PUMP
 - ⊙ REDUNDANT PIPE
 - ⊙ REGULATOR
 - ⊙ REFLEX VALVE
 - ⊙ DISCONNECTOR GULLY (DG-0)
 - ⊙ RISER
 - ⊙ SLEEVED PIPE
 - ⊙ SOL/WASTE STACK
 - ⊙ SOLENOID
 - ⊙ STOP TAP
 - ⊙ STRAINER
 - ⊙ TRAP PRIMER
 - ⊙ TUNDRISH
 - ⊙ VENT PIPE RISER
 - ⊙ FIRE HOSE REEL
 - ⊙ ACCESS PANEL (BY BUILDER)
- ABBREVIATIONS**
- | | | | |
|------|-----------------------------|-------|--------------------------------------|
| AC | AIR CONDITIONER | ID | INSPECTION OPENING |
| ASC | ASBESTOS ELEMENT | IS | INSPECTION SHAFT |
| AP | ACCESS PANEL | IW | INDUSTRIAL WASTE |
| A1 | ABLUTION TROUGH | IWT | INDUSTRIAL WASTE TRAP |
| ATCO | ATCO GAS | IWSP | INDUSTRIAL WASTE SAMPLE POINT |
| AFL | ABOVE FLOOR LEVEL | LC | IN CAVITY |
| AAV | AIR ADMITTANCE VALVE | I/G | IN GROUND |
| AWC | Ambulant WATER CLOSET | IV | ISOLATION VALVE |
| BD | BALCONY DRAIN | JU | JUMP UP |
| BT | BUCKET TRAP | KS | KITCHEN SINK |
| BWU | BOILING WATER UNIT | LS | LAB SINK |
| BV | BALL VALVE | LT | LAUNDRY TROUGH |
| CD | CONDENSATE DRAIN | M/BOX | METER BOX |
| CW | COLD WATER | MM | MANHOLE |
| CHW | COLD & HOT WATER | MDPE | MEDIUM DENSITY POLY ETHYLENE |
| CHTW | COLD & TEMPERED WATER | M | METER |
| CS | CLEANERS SINK | NG | NATURAL GAS |
| CM | COFFEE MACHINE | NPCW | NON POTABLE COLD WATER |
| CO | CLEAN OUT | OF | OVERFLOW |
| CP | CUPRONE PLATED | O/W | ON WALL |
| C/S | CULMS SPACE | ORG | OVERFLOW RELIEF GULLY |
| CU | COPPER | PD | PAVING DRAIN |
| CBWU | CHILLED BOILING WATER UNIT | PE | POLY ETHYLENE |
| CWU | CHILLED WATER DRAINING UNIT | PT | PRACTICAL TROUGH |
| DA | DIAMETER | PRV | PRESSURE RELIEF VALVE |
| DG | DISCONNECTOR GULLY | PS | PROPERTY SEWER |
| DGT | DOUBLE GAS TURBET | PSH | PROPERTY SEWER MANHOLE |
| DPSB | DOWN PIPE SUMP BOX | RWP | RAIN WATER PIPE |
| DF | DRINKING FOUNTAIN | RP | RELIEF POINT |
| D-SP | DRAIN SPRINKLER | RPSD | REDUCED PRESSURE ZONE DEVICE |
| DW | DISH WASHER | RSDO | RISING SHAFT CLEAN OUT |
| DCV | DOUBLE CHECK VALVE | RV | REFLEX VALVE |
| EC | EVAPORATIVE COOLER | SHSP | SEALED INDUSTRIAL WASTE SAMPLE POINT |
| EJ | EXPANSION JOINT | SP | SOL PIPE |
| ESS | EMERGENCY SAFETY SHUTOFF | SV | SLUCE VALVE |
| EW | EYE WASH | SW | STOPWATER |
| EX | EXISTING | SK | SINK CONNECT ONLY |
| FW | FLOOR WASTE | SR | SHOWER |
| FWG | FLOOR WASTE GULLY | TD | TUNDRISH |
| FS | FIRE SERVICE | TW | THERMOSTATIC MIXING VALVE |
| FF | FIRE HYDRANT | TW | TEMPERED WATER |
| PSL | FINISHED SURFACE LEVEL | US | UNDER SLAB |
| FR | FLUSHING RIM | UWB | UNIVERSAL WALL BASIN |
| FCU | FAN COIL UNIT | USR | UNIVERSAL SHOWER |
| FW | FORWARD WORKS | UWC | UNIVERSAL WATER CLOSET |
| GC | GRADED CHANNEL | VB | VANITY BASIN |
| GRH | GAS ROOM HEATER | V/BOX | VALVE BOX |
| GL | GROUND LEVEL | VP | VENT PIPE |
| HFWB | HANDS FREE WALL BASIN | WP | WASTE PIPE |
| HW | HOT WATER | WB | WALL BASIN |
| HWF | HOT WATER FLOW | WC | WATER CLOSET |
| HWR | HOT WATER RETURN | WCWA | WATER CORPORATION WA |
| HT | HOSE TAP | WW | WARM WATER |
| I | INVERT LEVEL | | |

REV	DATE	DESCRIPTION	CHECK
A	15.12.22	COORDINATION ISSUE	JAT

HYDRAULICS DESIGN AUSTRALIA

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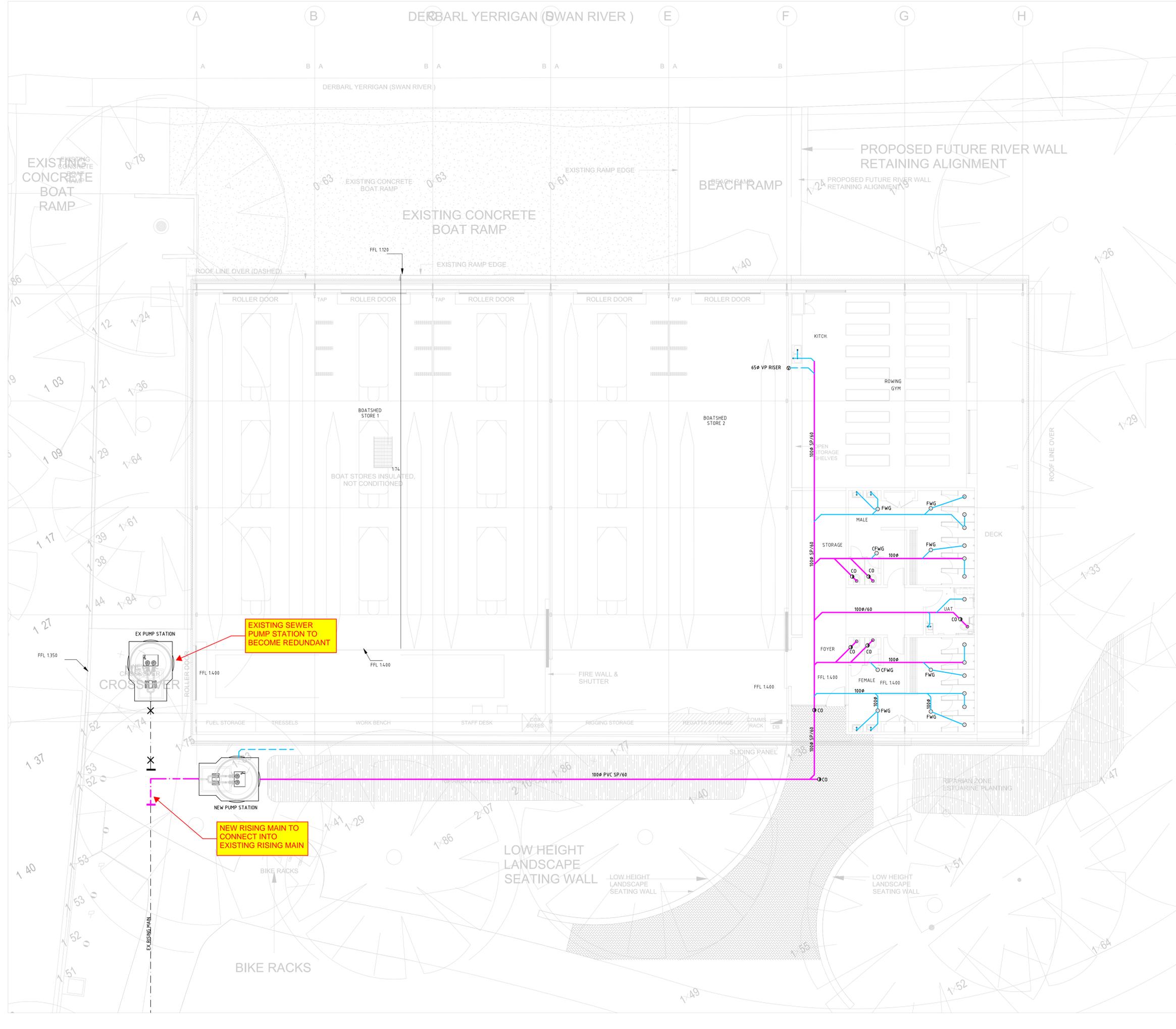
HYDRAULICS

COODE STREET BOATHOUSE
FLOOR PLAN
DRAINAGE

DRAWN	CA	DESIGNED	SP	REDUCTION	0 25
CHECKED	SP	PRINCIPAL			
APPROVED	JT				
SCALE	1:100@ A1	DATE	15.12.22	DRAWING No.	H.01 A
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