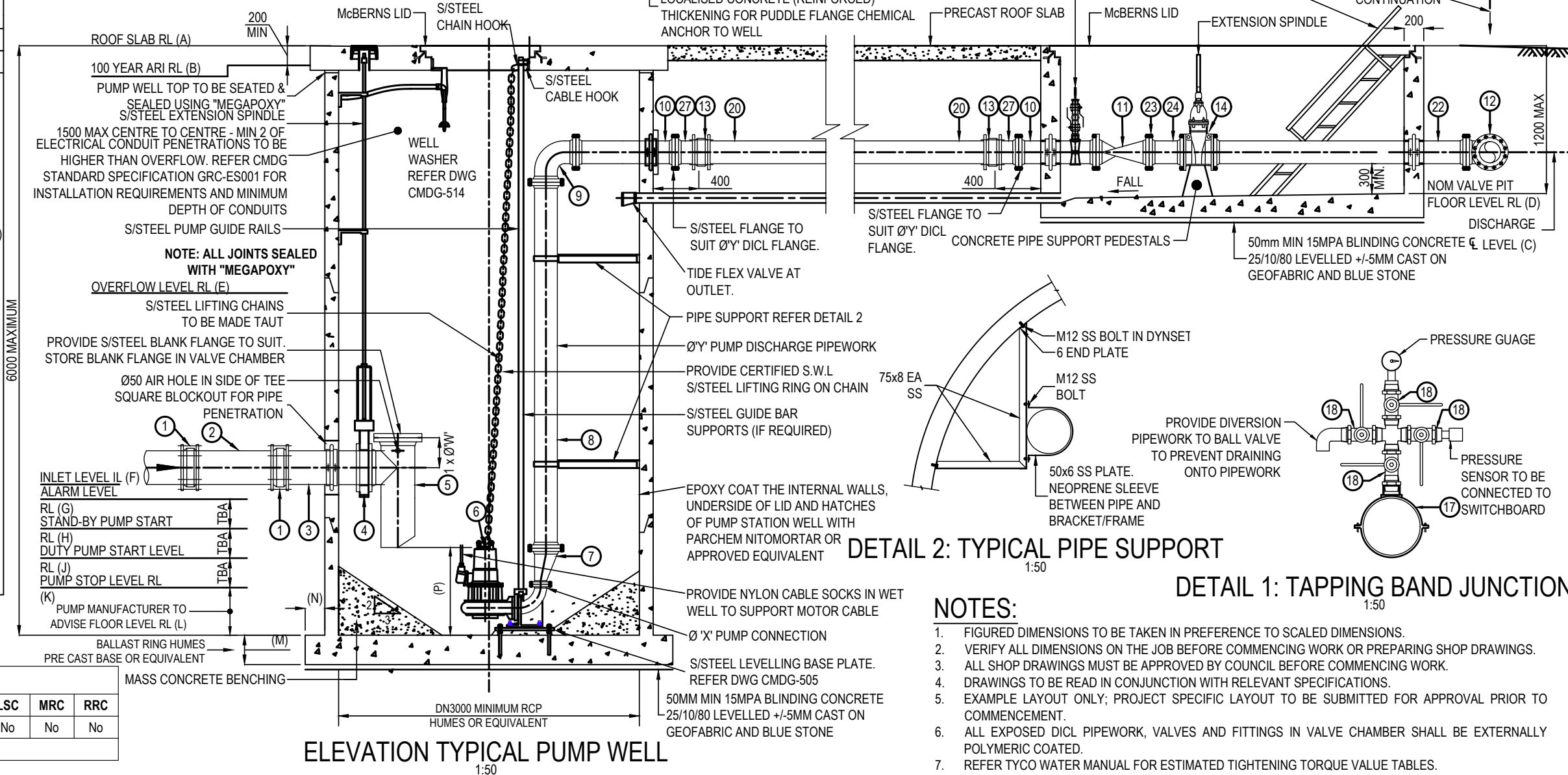
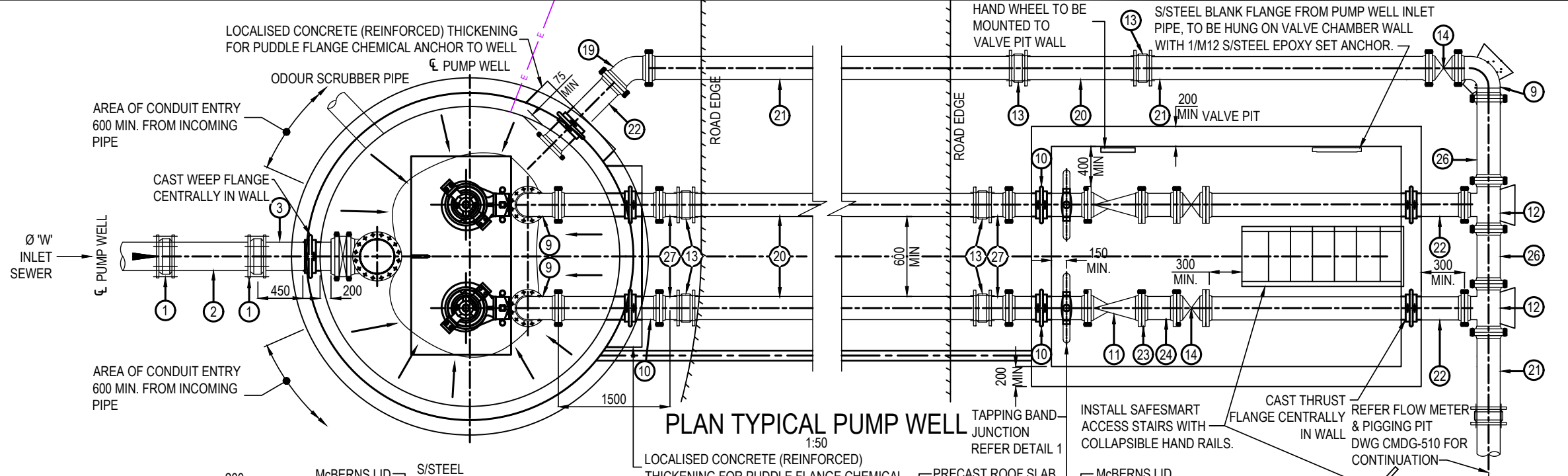


Station Number	_____
Location	_____
Pump Station Roof Slab	RL (A) _____
100 year ARI	RL (B) _____
Discharge C Level	RL (C) _____
Valve Pit Floor Level	RL (D) _____
Overflow Level	RL (E) _____
Inlet Level (Pipe Invert)	IL (F) _____
Alarm Level	RL (G) _____
Standby Pump Start	RL (H) _____
Duty Pump Start Level (TWL)	RL (J) _____
Pump Stop Level (BWL)	RL (K) _____
Floor Level	RL (L) _____
Ballast Ring	RL (M) _____
Dimension	'N' _____
Dimension	'P' _____
Inlet Sewer	Ø"W' _____
Pump Discharge Pipework	Ø"Y' _____
Sewer Pressure Main	Ø"Z' _____
Pump Connection	Ø"X' _____
Design Inflow Rate (ADWF)	_____
Estimated System Storage between Standby Pump Start	_____
Volume	_____
Time	_____

ITEM	DESCRIPTION
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1	Ø"W Gibault Joint
2	Ø"W SP-SP S/Steel Pipe
3	Ø"W FL-SP S/Steel Tailpipe With Puddle Flange
4	Ø"W Lugged S/Steel Bi-directional Knife Gate Valve Complete with Support Bracket to Wall of Pump Station
5	Ø"W x Ø"W MDPE SP-FLxFL Fabricated Tee Complete With S/Steel Backing Rings
6	Submersible Wastewater Pump
7	Ø"X x Ø"Y FL-FL S/Steel Offset Taper (if required)
8	Ø"Y FL-FL S/Steel Pipe
9	Ø"Y x 90° FL-FL S/Steel Bend
10	Ø"Y FL-SP S/Steel Pipe With Puddle Flange and Adaptor Flange within Valve Chamber
11	Ø"Y REFLUX Valve, Ball Type NRV
12	Ø"Y FL-FLxFL DICL Tee
13	Ø"Y Gibault Joint
14	Ø"Y FL GATE Valve
15	Ø"Y FL-FL DICL Electro Magnetic Flow Meter
16	Ø"Y FL-FL-FL DICL "Y" Tee
17	Ø"Y Tapping Saddle Ø20 BSP Outlet
18	Ø20 BSP Ball Valve
19	Ø"Y 45° BEND FL-FL
20	Ø"Y SP-SP DICL PIPE
21	Ø"Y FL-SP DICL PIPE
22	Ø"Y FL-FL DICL PIPE With Puddle Flange
23	Ø"Y UNI-FLANGE
24	Ø"Y 350mm LONG FL-FL DICL PIPE (Spool)
25	Ø"Y - 150mm DICL FL-FL TAPER (Con)
26	Ø"Y FL-FL DICL Pipe
27	Ø"Y FL-SP CONNECTOR

APPLICABILITY TABLE							
Council	BSC	CHRC	GRC	IRC	LSC	MRC	RRC
Applicable	No	No	Yes	No	No	No	No
Applicable DWG							



NOTES:

1. FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS.
2. VERIFY ALL DIMENSIONS ON THE JOB BEFORE COMMENCING WORK OR PREPARING SHOP DRAWINGS.
3. ALL SHOP DRAWINGS MUST BE APPROVED BY COUNCIL BEFORE COMMENCING WORK.
4. DRAWINGS TO BE READ IN CONJUNCTION WITH RELEVANT SPECIFICATIONS.
5. EXAMPLE LAYOUT ONLY; PROJECT SPECIFIC LAYOUT TO BE SUBMITTED FOR APPROVAL PRIOR TO COMMENCEMENT.
6. ALL EXPOSED DICL PIPEWORK, VALVES AND FITTINGS IN VALVE CHAMBER SHALL BE EXTERNALLY POLYMERIC COATED.
7. REFER TYCO WATER MANUAL FOR ESTIMATED TIGHTENING TORQUE VALUE TABLES.

REVISIONS		DATE
A	PREVIOUSLY S-050D REVISION C	09/2022

DISCLAIMER.

The authors and sponsoring organisations shall have no liability or responsibility to the user or any other person or entity with respect to any liability, loss or damage caused or alleged to be caused, directly or indirectly, by the adoption and use of these Standard Drawings including, but not limited to, any interruption of service, loss of business or anticipatory profits, of consequential damages resulting from the use of these Standard Drawings. Persons must not rely on these Standard Drawings as the equivalent of, or a substitute for, project-specific design and assessment by an appropriately qualified professional.

Capricorn Municipal Development Guidelines

Incorporating:

Banana Shire Council (BSC)
Central Highlands Regional Council (CHRC)
Gladstone Regional Council (GRC)
Livingstone Shire Council (LSC)

Maranoa Regional Council (MRC)
Rockhampton Regional Council (RRC)
Isaac Regional Council (IRC)

SEWERAGE PUMP STATIONS HYDRAULIC DESIGN DETAILS

SEWER				
STANDARD DRAWING				A3
CMDG-S-044				
REV.	A			