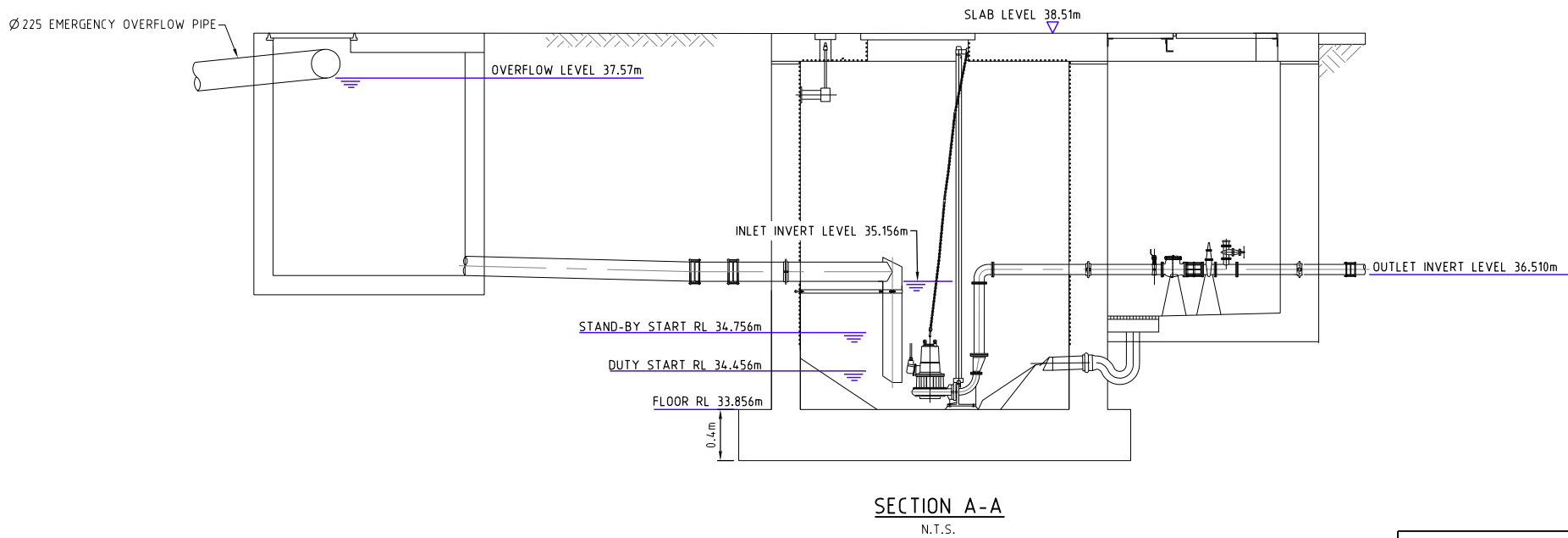


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NOTES:

- ALL CRITICAL LEVELS AND DIMENSIONS SHALL BE CONFIRMED ON SITE PRIOR TO COMMENCING CONSTRUCTION.
- PUMP STATION LID THICKNESS SHALL ALLOW FOR RECESSED DAVIT BASE - MIN 250.
- PROVIDE 'HYDROTITE' OR SIMILAR APPROVED HYDROPHILIC WATERSTOP ON INSIDE & OUTSIDE FACE OF ALL PUDDLE FLANGES.
- ALL WALL PENETRATIONS SHALL BE VIA CONCRETE BLOCKOUT WITH WATER PROOFING AS PER NOTE 3.
- WHERE CONSTRUCTION JOINTS ARE REQUIRED, PROVIDE 'HYDROTITE' OR SIMILAR APPROVED HYDROPHILIC WATERSTOP.
- SPACING BETWEEN PUMPS AND CLEARANCE BETWEEN PUMP & FINISHED FLOOR SHALL BE IN ACCORDANCE WITH PUMP MANUFACTURER'S RECOMMENDATIONS.
- BENCHING SHALL BE CLEAR OF PIPEWORK & BOLTS AS PER PUMP MANUFACTURER RECOMMENDATIONS.
- FOR DETAILS OF LEVEL SENSORS AND OTHER ELECTRICAL EQUIPMENT, REFER TO APPROPRIATE SEQ-SP ELECTRICAL SPECIFICATIONS.
- CoGC - PE100 PIPE BETWEEN INLET MAINTENANCE HOLE AND WET WELL, NO ROCKER PIPE ARRANGEMENT.
- PUMP PEDESTAL SHALL COMPLY WITH WSA 101 SPECIFICATION. UNITYWATER REQUIRES "FORRERS" TYPE PEDESTAL AND "FORRERS" LOCKING PLATE FITTED TO PUMP. WHERE THE PUMP OPERATING HEAD IS MORE THAN 45 m AND/OR THE PUMP DISCHARGE SIZE IS LESS THAN THE LOCKING PLATE SIZE, THEN THE PUMP VENDOR'S STANDARD PEDESTAL/ LOCKING PLATE MAY BE USED.
- DI (DUCTILE IRON) COATING SHALL BE TBP (THERMAL BONDED POLYMERIC) IN ACCORDANCE WITH AS 4158. TPB COATINGS INCLUDE FBE (FUSION BONDED EPOXY) (THERMOSETTING COATING) AND POLYAMIDE (THERMOPLASTIC) COATINGS.

ITEM	LEVEL (AHD)	HEIGHT FROM BASE (m)
A TOP OF SLAB	38.51	
B INLET	35.156	
C DUTY START	34.456	
D PUMP STOP	34.256	
E FLOOR SLAB	33.856	
F PUMP STATION DEPTH		4.654
G PLUG DEPTH		0.400
H EXISTING GROUND LEVEL		
I STANDBY START	34.756	
J HIGH LEVEL ALARM	35.05	
K OVERFLOW LEVEL	37.57	
L PER-OVERFLOW ALARM		
M Q100/STORM SURGE LEVEL	35.55	

LEVELS PROVIDED DIAGRAMMATICALLY ONLY AND ARE SUBJECT TO DETAILED DESIGN BY OTHERS.
REFER SEQ STD DAWNING SEQ-SPS-1300-2 FOR DETAIL OF 2.4m WET WELL AND CORRESPONDING ITEM LOCATIONS.

PROJECT NAME
**COURTNEY DR
UPPER COOMERA**

SEWER PUMP STATION

RP DESCRIPTION
LOT 188, 189, 190, 191 & 192 ON RP173728
COURTNEY DRIVE
LOCALITY OF UPPER COOMERA
LOCAL AUTHORITY - GOLD COAST CITY COUNCIL

CLIENT



B	31-01-24	INVERT IL AMENDED	RK
A	18-12-23	COUNCIL ISSUE	BL
REV	DATE	DESCRIPTION	INT

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ASSOCIATED CONSULTANTS



DRAWING TITLE

SEWER PUMP
STATION
SECTION

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APPROVED <i>a.k.m.</i>	REPEQ4706 DATE 18-12-23
DRAWING NUMBER 41901-SPS-522	REV B

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STRUCTURE TYPE
LID CLASS
DROP TYPE

* CONSTRUCT BRIDGING
STRUCTURE SPANNING THE
SEWER TRENCH REFER
TYPICAL SECTIONS &
DETAILS FOR BRIDGING
STRUCTURE DETAILS

| TRENCHSTOPS,
BULKHEADS & CONCRETE
ENCASEMENTS TO BE
INSTALLED IN ACCORDANCE
WITH SEQ SEWER CODE
NOTES

1. IF SHOWN, WATER AND
ELECTRICAL CROSSING
LOCATIONS ARE
INDICATIVE ONLY. REFER
TO PLANS TO DETERMINE
CROSSING LOCATIONS.
WHERE SERVICE
INDICATES CLASH WITH
SEWER, SEWER TO TAKE
PRECEDENCE. SERVICE TO
BE CONSTRUCTED OVER
OR UNDER SEWER
ACCORDING TO
SUPERINTENDENTS
INSTRUCTION

2. ALL GRAVITY uPVC
SEWER PIPE TO BE
CLASS SN8 U.N.O.

3. ALL PRESSURE MAINS
PE100 PN16 SDR11

4. ALL EMBEDMENT TYPE IS
TO BE TYPE 3 U.N.O

5. ALL BENDS TO BE LONG
RADIUS BEND, 1.2m
RADIUS MIN.

6. CONTRACTOR TO VERIFY
DOWNSTREAM EXISTING
PIPE LEVELS PRIOR TO
COMMENCEMENT OF
PIPEWORK

7. PROTECTIVE COATING IS
TO BE INSTALLED TO
MAINTENANCE
STRUCTURES (WHERE
REQUIRED) IN
ACCORDANCE WITH
CLAUSE 4.7.2 OF SEQ
SEWERAGE CODE.

8. TRENCHSTOPS IN
ACCORDANCE
WITH SEQ-WAT-1209-1

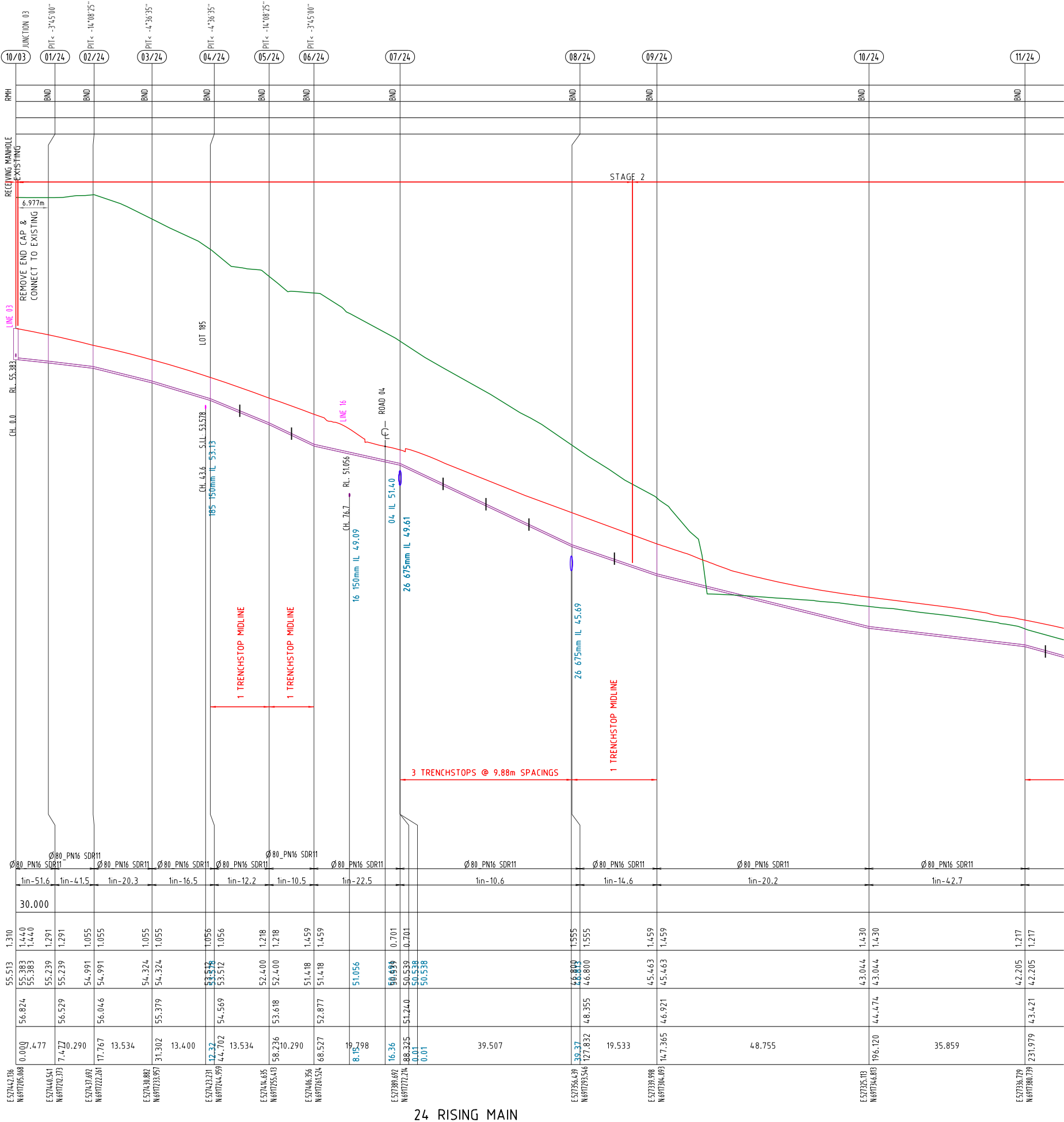
PIPE DIAMETER (mm)

PIPE GRADE

DATUM R.L.

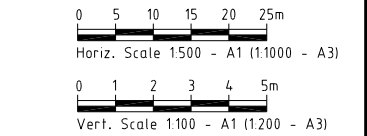
DEPTH TO INVERT
PIPE INVERT LEVELS
DESIGN SURFACE LEVELS
CHAINAGE

LINE NO.



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UPPER COOMERA**

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REV	DATE	DESCRIPTION	INT
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DRAWING TITLE
**SEWER RETICULATION
PROFILES
SHEET 01**

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