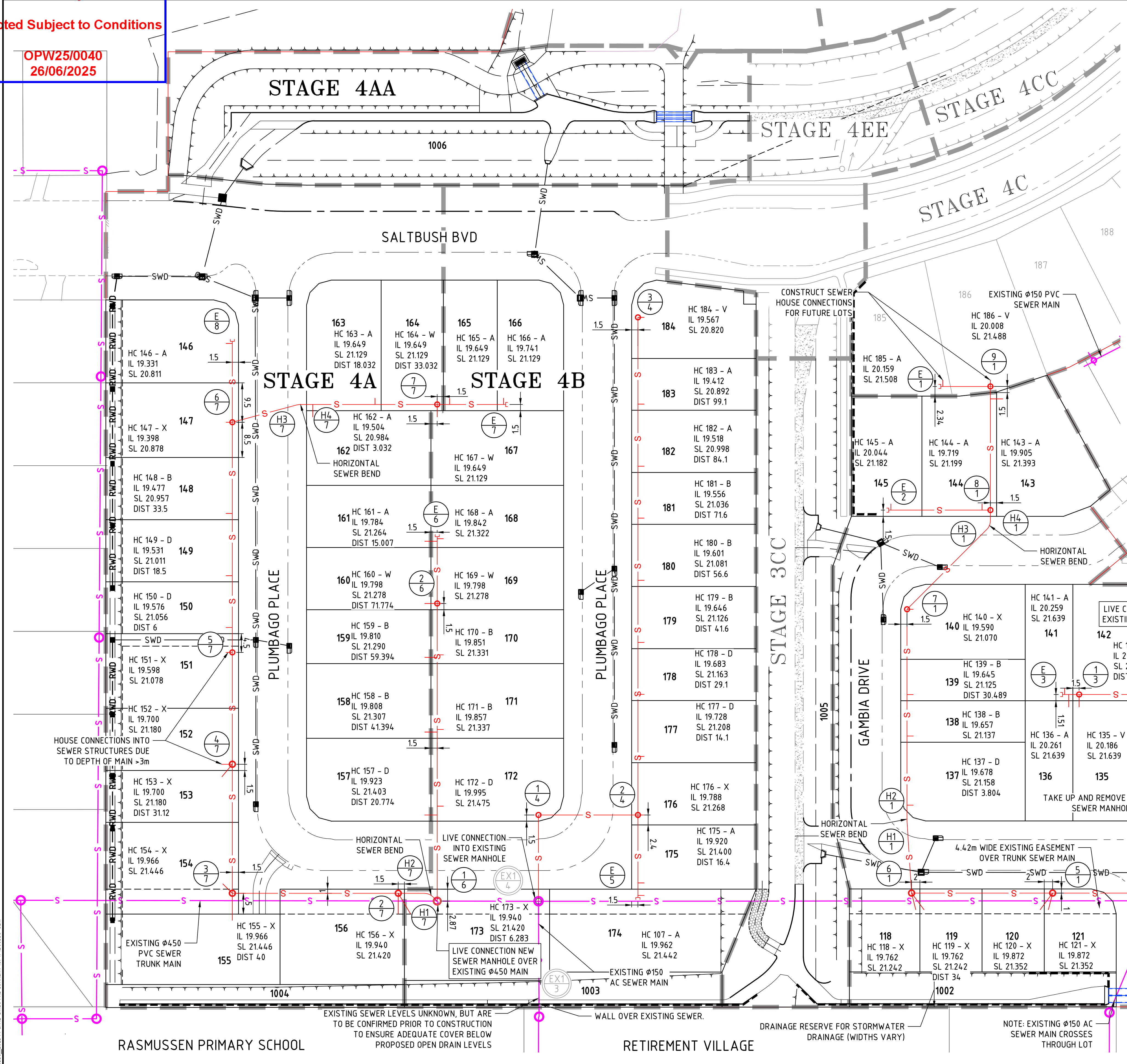


LEGEND FOR EXISTING HOUSE CONNECTIONS

L=3.860	DISTANCE FROM DOWNSTREAM MANHOLE
IL=20.400	INVERT LEVEL OF HOUSE CONNECTION POINT
CAP=21.230	LEVEL OF CAP FOR 'TYPE D' CONNECTION
TYPE D	HOUSE CONNECTION TYPE

TYPE A - ACROSS BOUNDARY 'SLOPE DROP'
TYPE B - ACROSS BOUNDARY 'JUMP UP'
TYPE C - WITHIN LOT 'DIRECT CONNECTION'
TYPE D - WITHIN LOT 'JUMP UP'
TYPE E - MANHOLE 'DIRECT CONNECTION'
TYPE F - MANHOLE 'INTERNAL DROP'
TYPE G - 100mm DIA. POLY PIT CONNECTION
TYPE Ex. - EXISTING HOUSE CONNECTION

NOTE:

THE EXISTING HOUSE CONNECTION DATA (SHOWN IN GREY) HAVE BEEN DERIVED FROM DESIGN PLANS IN THE ABSENCE OF AS-CONSTRUCTED INFORMATION. THIS DATA IS SHOWN FOR INFORMATION ONLY AND CANNOT BE RELIED UPON AS POSITIONING OR TYPE OF CONNECTION.

REDUNDANT SEWER HC NOTES

EXISTING REDUNDANT SEWER HOUSE CONNECTIONS TO BE REMOVED WHERE MORE THAN ONE CONNECTION EXISTS FOR A NEW LOT, IN ACCORDANCE WITH TOWNSVILLE CITY COUNCIL (TCC) REQUIREMENTS. THE CONTRACTOR MUST REINSTATE ALL AFFECTED NEIGHBOURING PROPERTIES TO THEIR PRE-WORKS CONDITION, INCLUDING YARDS, LANDSCAPING, AND SURFACES. ALL WORKS SHALL BE CARRIED OUT NEATLY AND IN COMPLIANCE WITH TCC STANDARDS. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY NECESSARY PERMISSIONS FROM AFFECTED PROPERTY OWNERS PRIOR TO COMMENCEMENT OF WORKS.

LEGEND

5.50	EXISTING SURFACE CONTOURS
5.50	FINISHED SURFACE CONTOURS
	PROPOSED LOT BOUNDARY
	EXISTING LOT BOUNDARY
SWD	EXISTING STORMWATER DRAINAGE
S	EXISTING SEWER RETICULATION
W	EXISTING WATER RETICULATION
E	EXISTING UNDERGROUND POWER
OHP	EXISTING OVERHEAD POWER
C	EXISTING TELSTRA LINE
NBN	EXISTING NBN LINE
G	EXISTING GAS LINE
S	PROPOSED SEWER RETICULATION
1 A	SEWER STRUCTURE NUMBER
	MAINTENANCE HOLE/SHAFT
SWD	STORMWATER DRAINAGE

BEFORE YOU DIG
www.byda.com.au

NOTE: LOCATION AND LEVELS OF ALL EXISTING SERVICES AND PROPOSED STORMWATER OUTLETS TO BE CONFIRMED ON SITE BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF WORKS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PERFORM A 'BEFORE YOU DIG' SEARCH AND CARRY OUT ALL INVESTIGATIONS REQUIRED TO SATISFY THEMSELVES OF THE LOCATION OF EXISTING SERVICES. ANY POTENTIAL CONFLICTS SHALL BE REPORTED TO THE SUPERINTENDENT.

No.	Amendments	Drawn	Design	Design Chk	Appd	Date
C	STAGE NAMES AMENDED AND RE-ISSUED TO COUNCIL FOR APPROVAL	MC	PDW	CH	CH	27/05/25
B	LOT BOUNDARIES AMENDED	EK	PDW	PI	PI	08/05/25
A	ORIGINAL ISSUE	MC	PDW	CH	CH	18/03/25

ENGINEERING CERTIFICATION
Registered Engineer
Date 27/5/2025
12732
Registered Accreditation

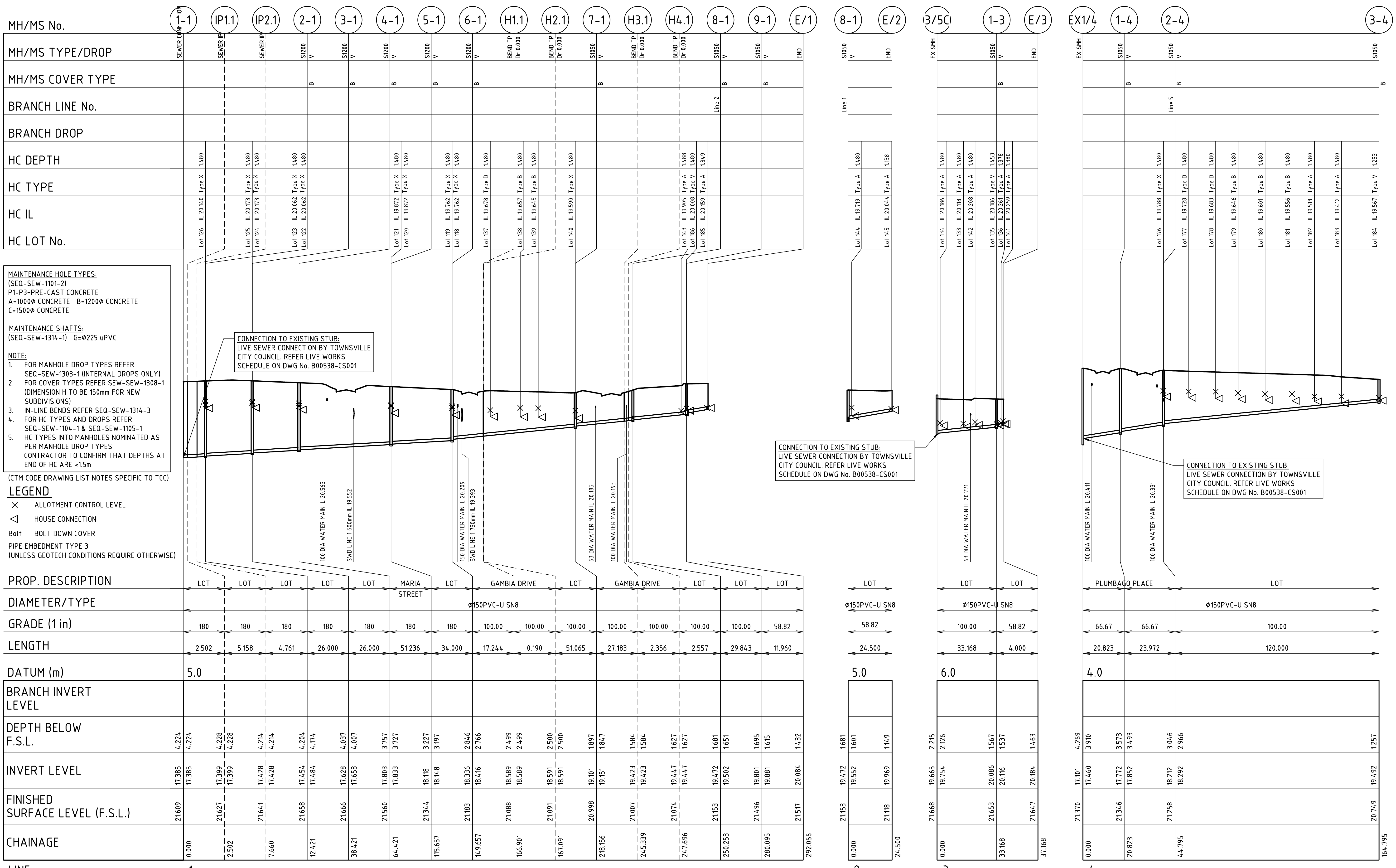
Somers & Hervey ESTATE
URBEX
EMPOWER

Client: URBEX 118 PTY LTD
Project: SOMERS & HERVEY PRECINCT 2 - 3C, 4A AND 4B
Title: SEWERAGE RETICULATION LAYOUT PLAN

Datum AHD
PSM 114264
RL 19.281
(MGA) COORD

NOT FOR CONSTRUCTION

Project No. B00538 | Drawing No. CS002 | Rev C



MAINTENANCE HOLE TYPES:
(SEQ-SEW-1101-2)
P1-P3=PRE-CAST CONCRETE
A=1000Ø CONCRETE B=1200Ø CONCRETE
C=1500Ø CONCRETE

MAINTENANCE SHAFTS:
(SEQ-SEW-1314-1) G=Ø225 uPVC

NOTE:
1. FOR MANHOLE DROP TYPES REFER SEQ-SEW-1303-1 (INTERNAL DROPS ONLY)
2. FOR COVER TYPES REFER SEW-SEW-1308-1 (DIMENSION H TO BE 150mm FOR NEW SUBDIVISIONS)
3. IN-LINE BENDS REFER SEQ-SEW-1314-3
4. FOR HC TYPES AND DROPS REFER SEQ-SEW-1104-1 & SEQ-SEW-1105-1
5. HC TYPES INTO MANHOLES NOMINATED AS PER MANHOLE DROP TYPES CONTRACTOR TO CONFIRM THAT DEPTHS AT END OF HC ARE <1.5m

(CTM CODE DRAWING LIST NOTES SPECIFIC TO TCC)

LEGEND
- × ALLOTMENT CONTROL LEVEL
- ◁ HOUSE CONNECTION
- Bolt BOLT DOWN COVER

PIPE EMBEDMENT TYPE 3
(UNLESS GEOTECH CONDITIONS REQUIRE OTHERWISE)

SCALE 1:1000 (A1) 1:2000 (A3)
SCALE 1:100 (A1) 1:200 (A3)
DO NOT SCALE USE ONLY THE DIMENSIONS PROVIDED

No.	Amendments	Drawn	Design	Design Chk	Appd	Date
C	STAGE NAMES AMENDED AND RE-ISSUED TO COUNCIL FOR APPROVAL	MC	PDW	CH	CH	27/05/25
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A	ORIGINAL ISSUE	MC	PDW	CH	CH	18/03/25

ENGINEERING CERTIFICATION
Registered Engineer
Date 27/5/2025
12732
Registered Accreditation

Somers & Hervey ESTATE
URBEX
EMPOWER

Townsville City Council
Accepted Subject to Conditions
OPW25/0040
26/06/2025

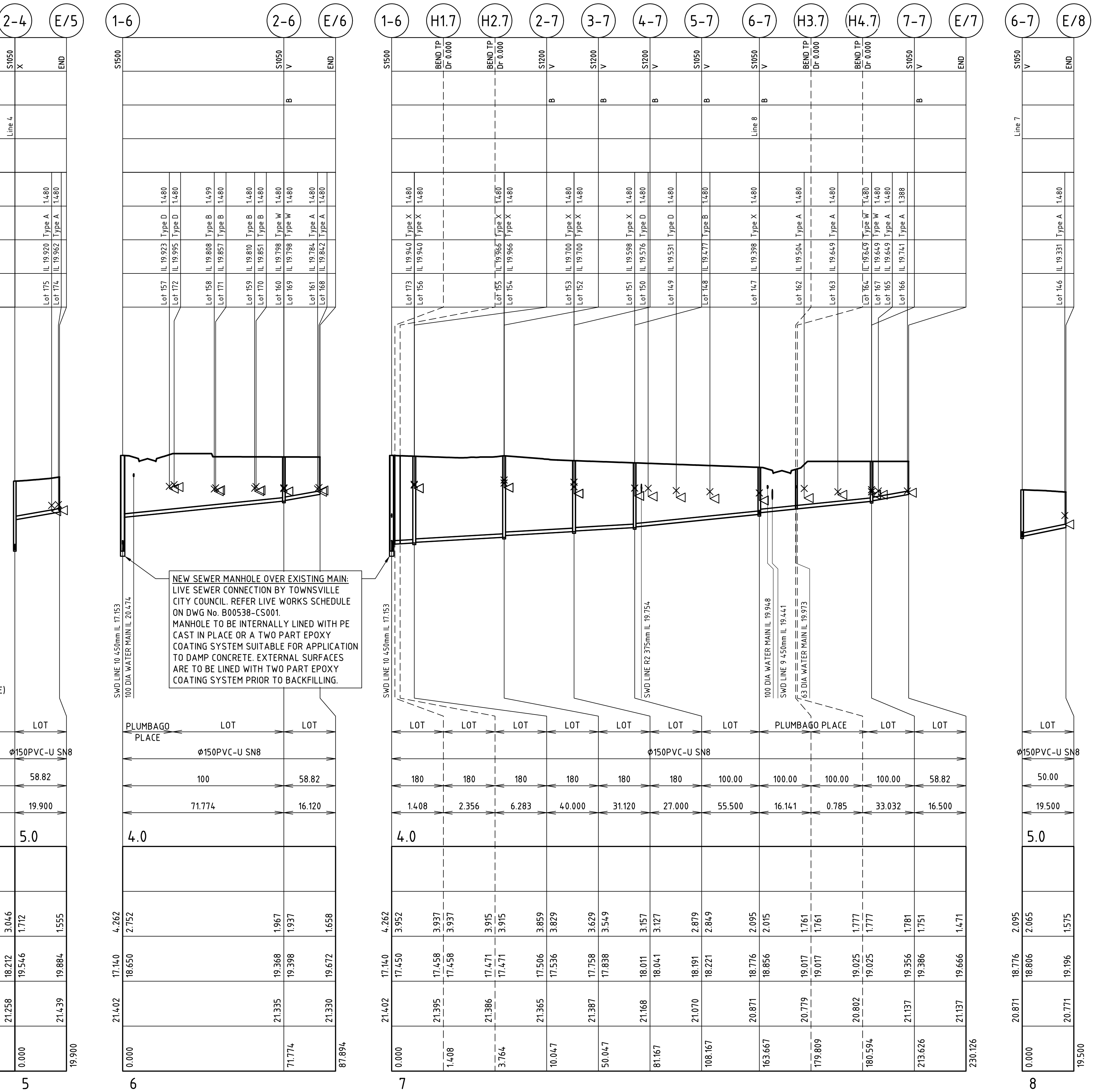
Client URBEX 118 PTY LTD
Project SOMERS & HERVEY PRECINCT 2 - 3C, 4A AND 4B
Title SEWERAGE RETICULATION LONGITUDINAL SECTION SHEET 1 OF 2

Datum AHD
PSM 114264
RL 19.281
(MGA) COORD

NOT FOR CONSTRUCTION

Project No. Drawing No. B00538-CS003 Rev C

MH/MS No.
MH/MS TYPE/DROP
MH/MS COVER TYPE
BRANCH LINE No.
BRANCH DROP
HC DEPTH
HC TYPE
HC IL
HC LOT No.



MAINTENANCE HOLE TYPES:
(SEQ-SEW-1101-2)
P1-P3=PRE-CAST CONCRETE
A=1000Ø CONCRETE B=1200Ø CONCRETE
C=1500Ø CONCRETE

MAINTENANCE SHAFTS:
(SEQ-SEW-1314-1) G=Ø225 uPVC

NOTE:
1. FOR MANHOLE DROP TYPES REFER SEQ-SEW-1303-1 (INTERNAL DROPS ONLY)
2. FOR COVER TYPES REFER SEW-SEW-1308-1 (DIMENSION H TO BE 150mm FOR NEW SUBDIVISIONS)
3. IN-LINE BENDS REFER SEQ-SEW-1314-3
4. FOR HC TYPES AND DROPS REFER SEQ-SEW-1104-1 & SEQ-SEW-1105-1
5. HC TYPES INTO MANHOLES NOMINATED AS PER MANHOLE DROP TYPES
CONTRACTOR TO CONFIRM THAT DEPTHS AT END OF HC ARE <1.5m

(CTM CODE DRAWING LIST NOTES SPECIFIC TO TCC)

LEGEND

× ALLOTMENT CONTROL LEVEL
◁ HOUSE CONNECTION
Bolt BOLT DOWN COVER
PIPE EMBEDMENT TYPE 3
(UNLESS GEOTECH CONDITIONS REQUIRE OTHERWISE)

PROP. DESCRIPTION
DIAMETER/TYPE
GRADE (1 in)
LENGTH
DATUM (m)
BRANCH INVERT LEVEL
DEPTH BELOW F.S.L.
INVERT LEVEL
FINISHED SURFACE LEVEL (F.S.L.)
CHAINAGE
LINE

SCALE 1:1000 (A1) 1:2000 (A3)
SCALE 1:100 (A1) 1:200 (A3)
DO NOT SCALE USE ONLY THE DIMENSIONS PROVIDED.

[redacted]

No.	Amendments	Drawn	Design	Design Chk	Appd	Date
C	STAGE NAMES AMENDED AND RE-ISSUED TO COUNCIL FOR APPROVAL	MC	PDW	CH	CH	27/05/25
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ENGINEERING CERTIFICATION
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Somers & Hervey ESTATE
URBEX
EMPOWER

Client URBEX 118 PTY LTD
Project SOMERS & HERVEY PRECINCT 2 - 3C, 4A AND 4B
Title SEWERAGE RETICULATION LONGITUDINAL SECTION SHEET 2 OF 2

Datum AHD
PSM 114264
RL 19.281
(MGA) COORD

NOT FOR CONSTRUCTION
Project No. B00538-CS004
Rev C

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