



Sheets		
Sheet Title	SheetNo	Scale
PB_ASC_OVERVIEW	1 OF 20	NTS
PB_ASC_SHEETS	2 OF 20	NTS
PB_ASC_002	3 OF 20	1:1000
PB_ASC_003	4 OF 20	1:1000
PB_ASC_004	5 OF 20	1:1000
PB_ASC_005	6 OF 20	1:1000
PB_ASC_006	7 OF 20	1:1000
PB_ASC_007	8 OF 20	1:1000
PB_ASC_008	9 OF 20	1:1000
PB_ASC_009	10 OF 20	1:1000
PB_ASC_010	11 OF 20	1:1000
PB_ASC_011	12 OF 20	1:1000
PB_ASC_012	13 OF 20	1:1000
PB_ASC_013	14 OF 20	1:1000
PB_ASC_014	15 OF 20	1:1000
PB_ASC_015	16 OF 20	1:2000
PB_ASC_DETAIL1	17 OF 20	AS SHOWN
PB_ASC_DETAIL2	18 OF 20	AS SHOWN
PB_ASC_DETAIL3	19 OF 20	AS SHOWN
PB_ASC_DETAIL4	20 OF 20	1:100

REV	AMENDMENT	DATE
0	VERSION FOR CERTIFICATION	21/08/2018
1	REUSE DETAILS ADDED	18/09/2018
2	RESERVOIR/SAMEX DETAILS ADDED	17/12/2018
3	VALVING ARRANGEMENTS ADDED	05/06/2019



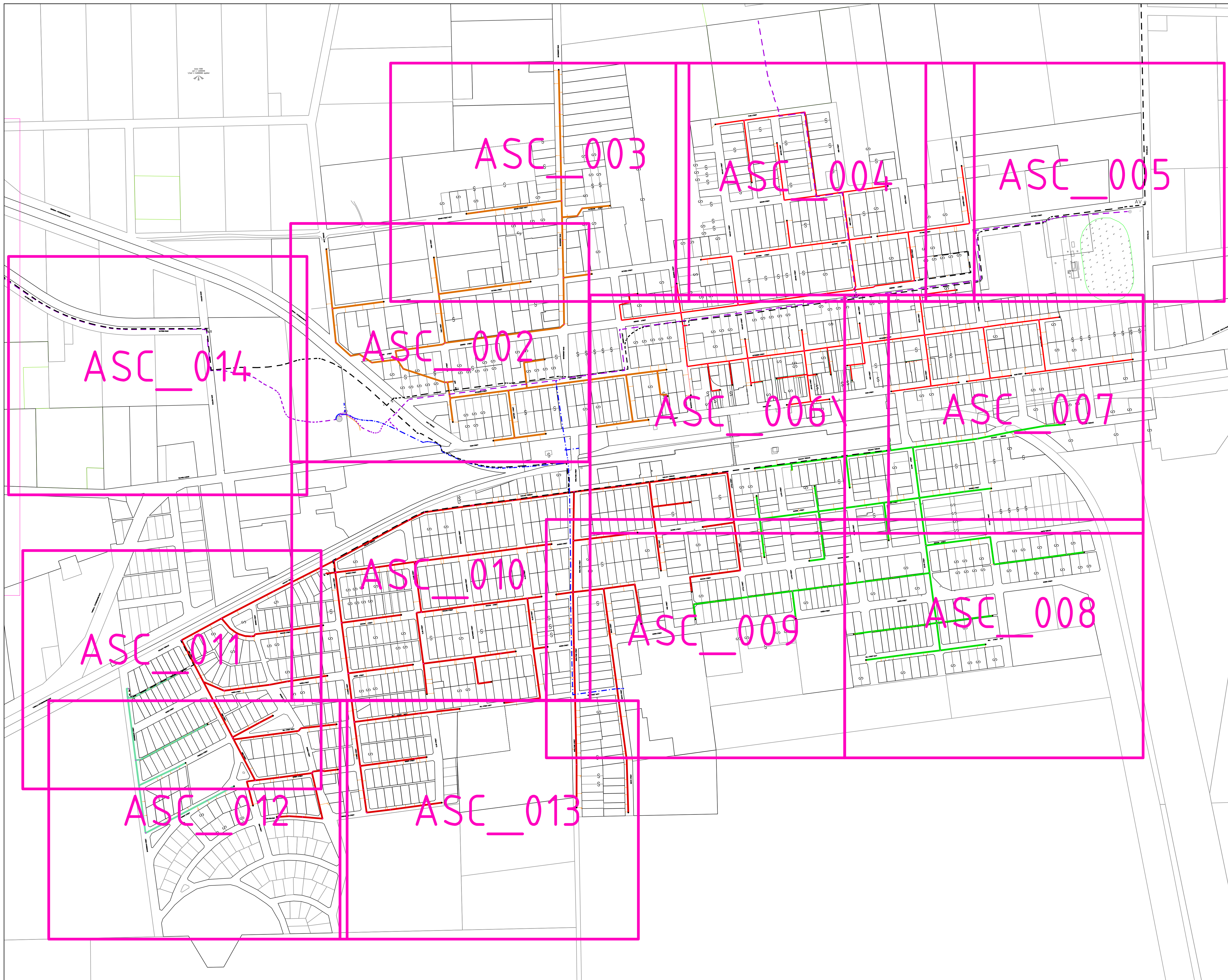
CLIENT:
DISTRICT COUNCIL OF PETERBOROUGH
108 MAIN ST
PETERBOROUGH, S.A. 5422

PROJECT:

PETERBOROUGH COMMUNITY
WASTEWATER MANAGEMENT SCHEME

AS CONSTRUCTED
TOWN OVERVIEW

SCALE: NTS	DATE: JUNE 19	DRAWN: C.G.N	CHECKED: M.J.S
DRAWING NO: PB_ASC_OVERVIEW		SHEET NO: 1 OF 20	SHEET SIZE: A1



REV	AMENDMENT	DATE
0	VERSION FOR CERTIFICATION	21/08/2018
1	REUSE DETAILS ADDED	18/09/2018
2	RESERVOIR/SAMEX DETAILS ADDED	17/12/2018
3	VALVING ARRANGEMENTS ADDED	05/06/2019

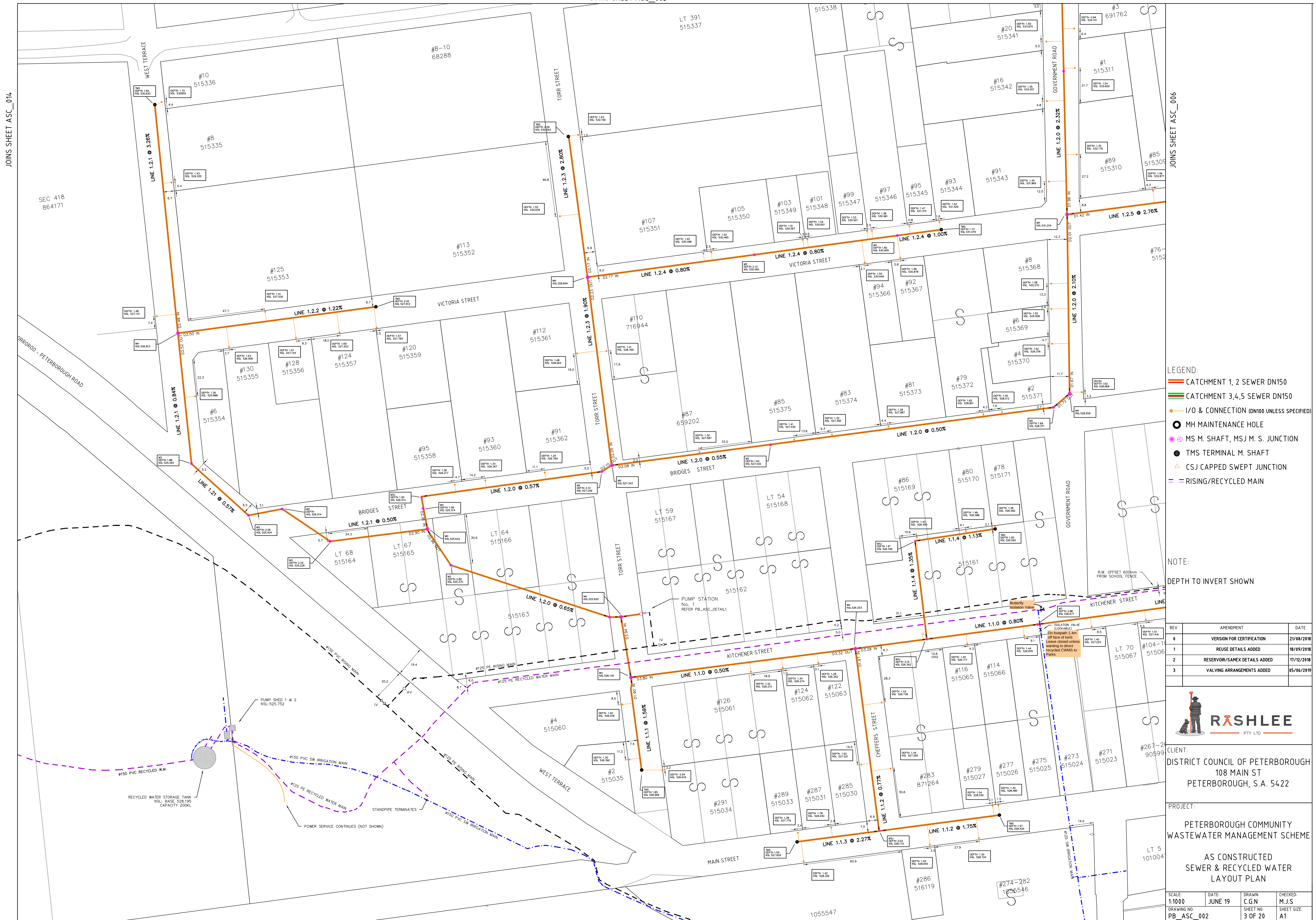


CLIENT:
DISTRICT COUNCIL OF PETERBOROUGH
108 MAIN ST
PETERBOROUGH, S.A. 5422

PROJECT:
PETERBOROUGH COMMUNITY
WASTEWATER MANAGEMENT SCHEME

AS CONSTRUCTED
SHEET LAYOUT

SCALE: NTS	DATE: JUNE 19	DRAWN: C.G.N	CHECKED: M.J.S
DRAWING NO: PB_ASC_SHEETS		SHEET NO: 2 OF 20	SHEET SIZE: A1





LEGEND:

-  CATCHMENT 1, 2 SEWER DN150
-  CATCHMENT 3,4,5 SEWER DN150
-  I/O & CONNECTION (DN100 UNLESS SPECIFIED)
-  MH MAINTENANCE HOLE
-  MS M. SHAFT, MSJ M. S. JUNCTION
-  TMS TERMINAL M. SHAFT
-  CSJ CAPPED SWEEP JUNCTION
-  RISING/RECYCLED MAIN

NOTE:
DEPTH TO INVERT SHOWN

REV	AMENDMENT	DATE
0	VERSION FOR CERTIFICATION	21/08/2018
1	REUSE DETAILS ADDED	18/09/2018
2	RESERVOIR/SAMEX DETAILS ADDED	17/12/2018
3	VALVING ARRANGEMENTS ADDED	05/06/2019



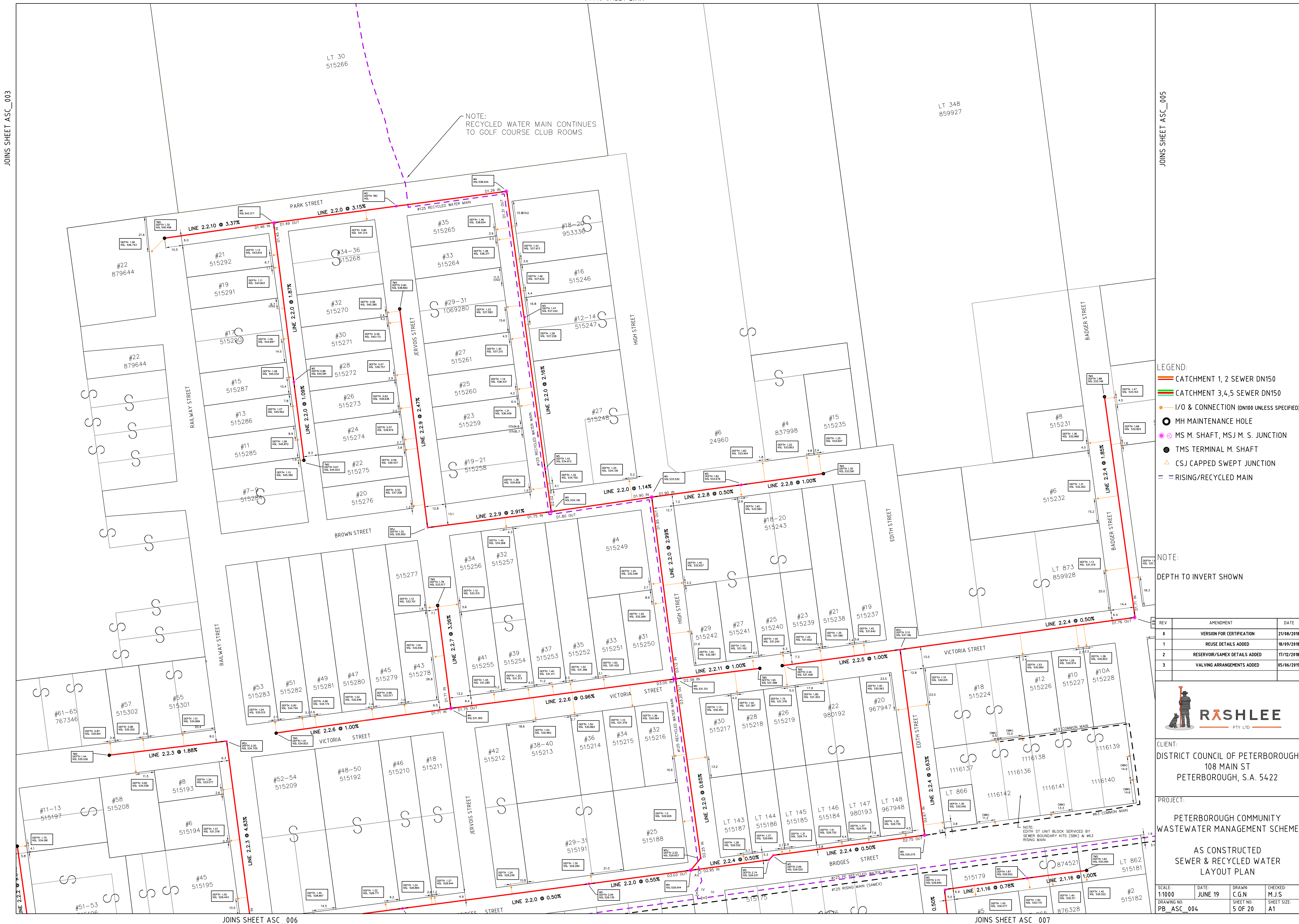
CLIENT:
DISTRICT COUNCIL OF PETERBOROUGH
108 MAIN ST
PETERBOROUGH, S.A. 5422

PROJECT:

PETERBOROUGH COMMUNITY
WASTEWATER MANAGEMENT SCHEME

AS CONSTRUCTED
SEWER & RECYCLED WATER
LAYOUT PLAN

SCALE: 1:1000	DATE: JUNE 19	DRAWN: C.G.N	CHECKED: M.J.S
DRAWING NO: PB_ASC_003		SHEET NO: 4 OF 20	SHEET SIZE: A1





NOTE:
RISING MAIN CONTINUES NORTH FROM SAMEX
REFER PB_ASC_DETAIL3

JOINS SHEET LIMIT

- LEGEND:
- CATCHMENT 1, 2 SEWER DN150
 - CATCHMENT 3, 4, 5 SEWER DN150
 - I/O & CONNECTION (DN100 UNLESS SPECIFIED)
 - MH MAINTENANCE HOLE
 - MS M. SHAFT, MSJ M. S. JUNCTION
 - TMS TERMINAL M. SHAFT
 - CSJ CAPPED SWEPT JUNCTION
 - RISING/RECYCLED MAIN

NOTE:
DEPTH TO INVERT SHOWN

REV	AMENDMENT	DATE
0	VERSION FOR CERTIFICATION	21/08/2018
1	REUSE DETAILS ADDED	18/09/2018
2	RESERVOIR/SAMEX DETAILS ADDED	17/12/2018
3	VALVING ARRANGEMENTS ADDED	05/06/2019

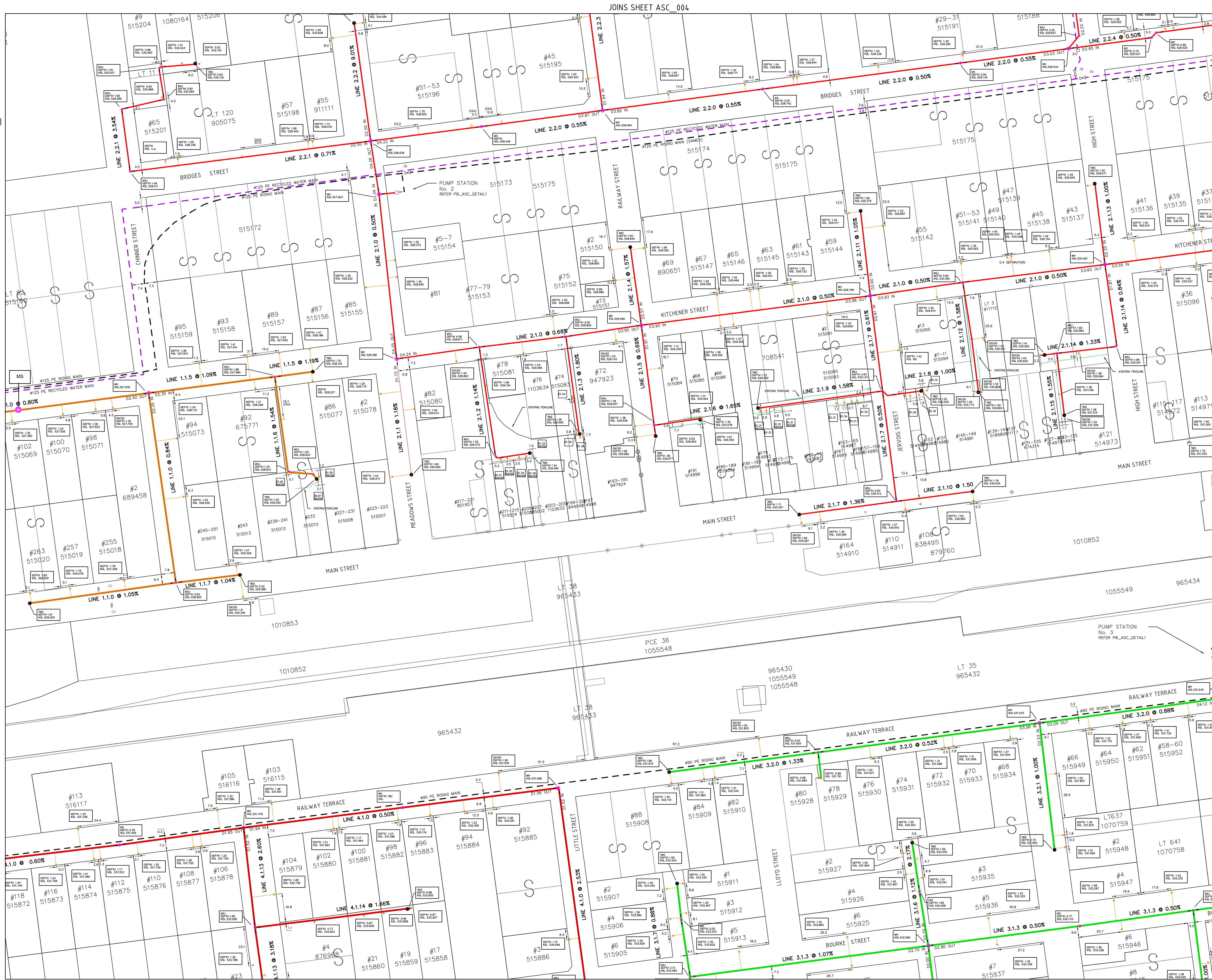


CLIENT:
DISTRICT COUNCIL OF PETERBOROUGH
108 MAIN ST
PETERBOROUGH, S.A. 5422

PROJECT:
PETERBOROUGH COMMUNITY
WASTEWATER MANAGEMENT SCHEME

AS CONSTRUCTED
SEWER & RECYCLED WATER
LAYOUT PLAN

SCALE: 1:1000	DATE: JUNE 19	DRAWN: C.G.N	CHECKED: M.J.S
DRAWING NO: PB_ASC_005		SHEET NO: 6 OF 20	SHEET SIZE: A1



JOINS SHEET ASC 007

- LEGEND:
-  CATCHMENT 1, 2 SEWER DN150
 -  CATCHMENT 3,4,5 SEWER DN150
 -  I/O & CONNECTION (DN100 UNLESS SPECIFIED)
 -  MH MAINTENANCE HOLE
 -  MS M. SHAFT, MSJ M. S. JUNCTION
 -  TMS TERMINAL M. SHAFT
 -  CSJ CAPPED SWEEP JUNCTION
 -  RISING/RECYCLED MAIN

NOTE:
DEPTH TO INVERT SHOWN

REV	AMENDMENT	DATE
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1	REUSE DETAILS ADDED	18/09/2018
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3	VALVING ARRANGEMENTS ADDED	05/06/2019



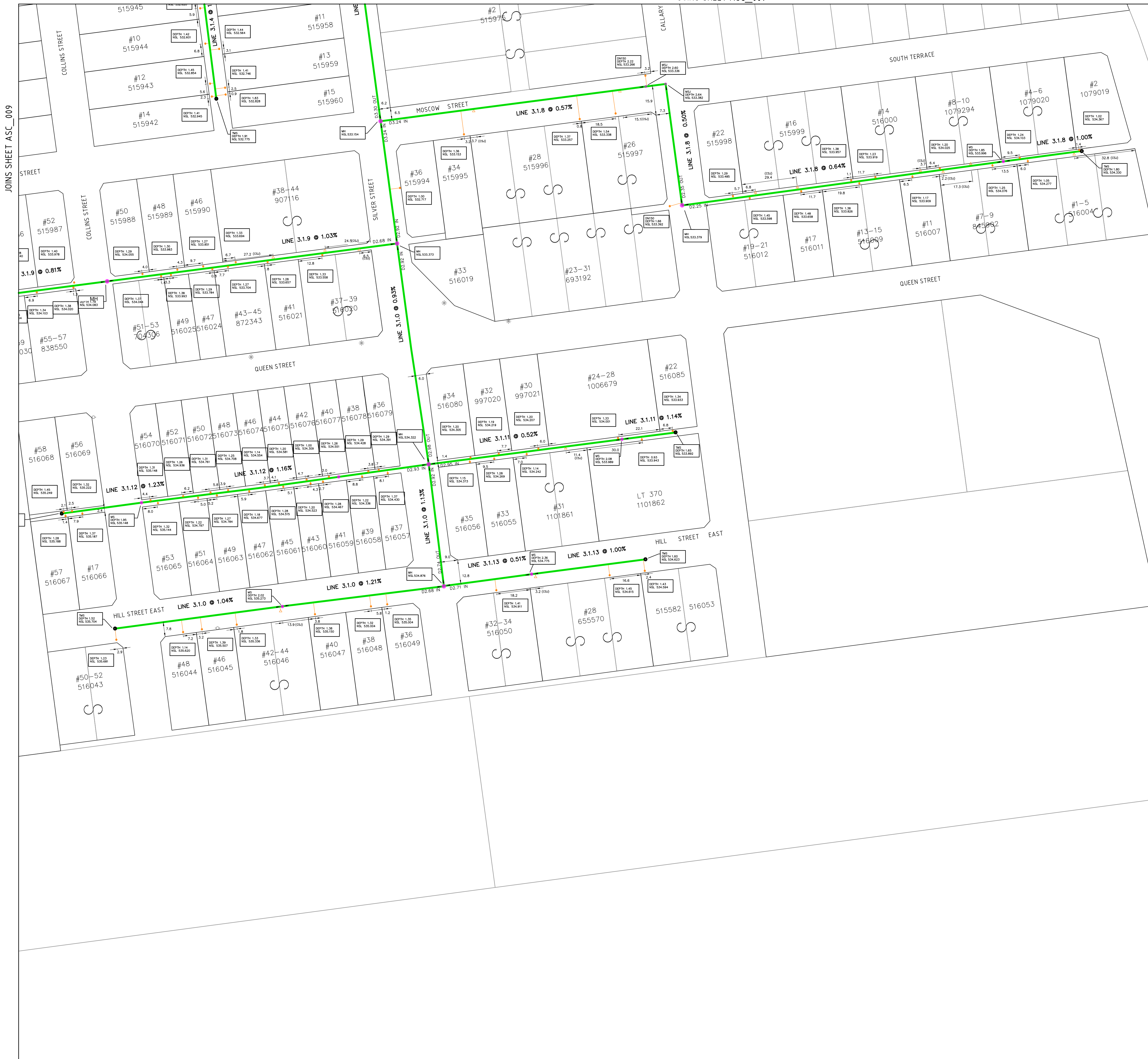
CLIENT:
DISTRICT COUNCIL OF PETERBOROUGH
108 MAIN ST
PETERBOROUGH, S.A. 5422

PROJECT:

PETERBOROUGH COMMUNITY
WASTEWATER MANAGEMENT SCHEME

AS CONSTRUCTED
SEWER & RECYCLED WATER
LAYOUT PLAN

SCALE: 1:1000	DATE: JUNE 19	DRAWN: C.G.N	CHECKED: M.J.S
DRAWING NO: PB_ASC_006		SHEET NO: 7 OF 20	SHEET SIZE: A1



LEGEND:

- CATCHMENT 1, 2 SEWER DN150
- CATCHMENT 3, 4, 5 SEWER DN150
- I/O & CONNECTION (DN100 UNLESS SPECIFIED)
- MH MAINTENANCE HOLE
- MS M. SHAFT, MSJ M. S. JUNCTION
- TMS TERMINAL M. SHAFT
- CSJ CAPPED SWEPT JUNCTION
- = RISING/RECYCLED MAIN

NOTE:

DEPTH TO INVERT SHOWN

REV	AMENDMENT	DATE
0	VERSION FOR CERTIFICATION	21/08/2018
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3	VALVING ARRANGEMENTS ADDED	05/06/2019

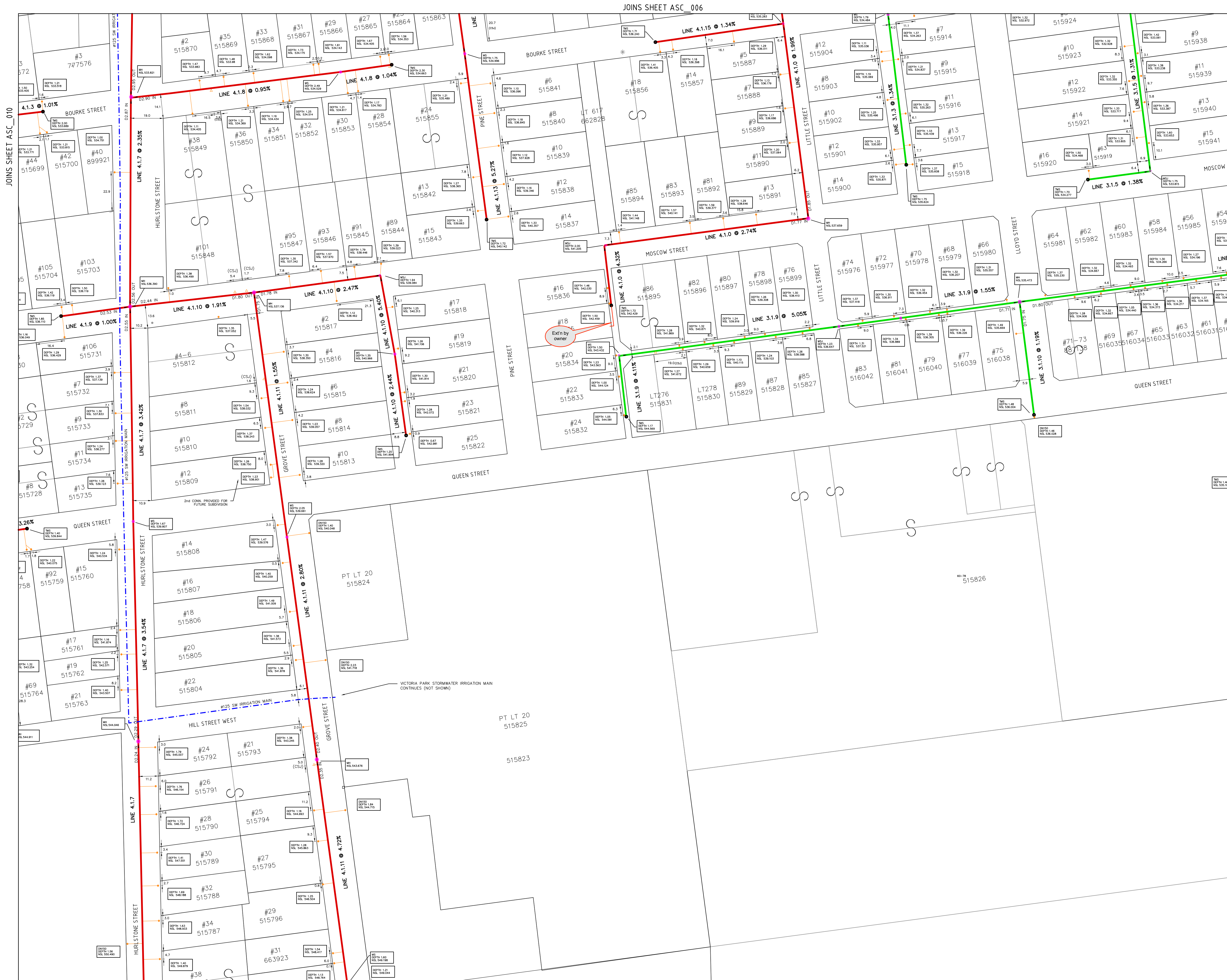


CLIENT:
DISTRICT COUNCIL OF PETERBOROUGH
108 MAIN ST
PETERBOROUGH, S.A. 5422

PROJECT:
PETERBOROUGH COMMUNITY
WASTEWATER MANAGEMENT SCHEME

AS CONSTRUCTED
SEWER & RECYCLED WATER
LAYOUT PLAN

SCALE: 1:1000	DATE: JUNE 19	DRAWN: C.G.N	CHECKED: M.J.S
DRAWING NO: PB_ASC_008		SHEET NO: 9 OF 20	SHEET SIZE: A1



LEGEND:

- CATCHMENT 1, 2 SEWER DN150
- CATCHMENT 3, 4, 5 SEWER DN150
- I/O & CONNECTION (DN100 UNLESS SPECIFIED)
- MH MAINTENANCE HOLE
- MS M. SHAFT, MSJ M. S. JUNCTION
- TMS TERMINAL M. SHAFT
- △ CSJ CAPPED SWEEP JUNCTION
- RISING/RECYCLED MAIN

NOTE:

DEPTH TO INVERT SHOWN

REV	AMENDMENT	DATE
0	VERSION FOR CERTIFICATION	21/08/2018
1	REUSE DETAILS ADDED	18/09/2018
2	RESERVOIR/SAMEX DETAILS ADDED	17/12/2018
3	VALVING ARRANGEMENTS ADDED	05/06/2019

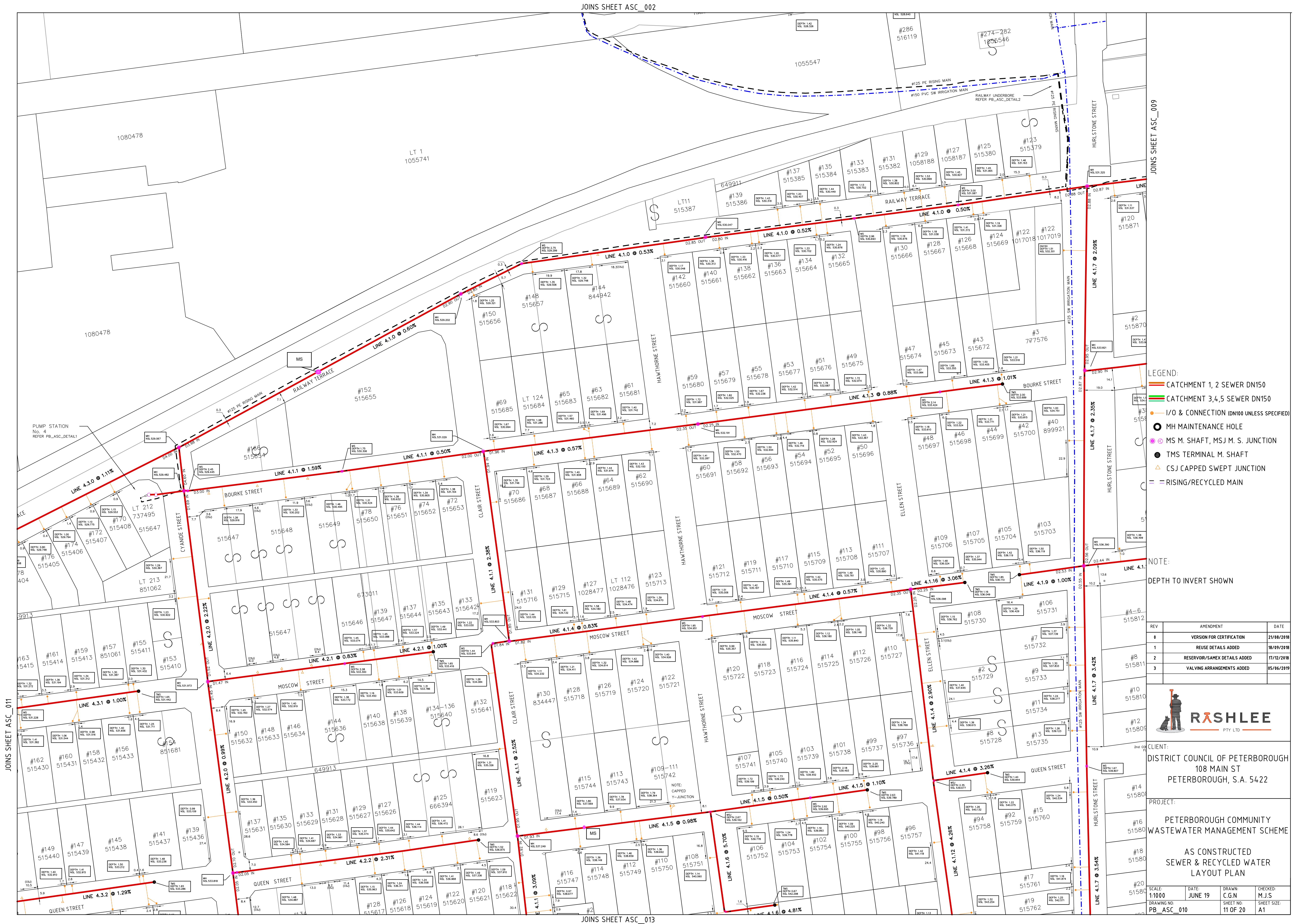


CLIENT:
DISTRICT COUNCIL OF PETERBOROUGH
108 MAIN ST
PETERBOROUGH, S.A. 5422

PROJECT:
PETERBOROUGH COMMUNITY
WASTEWATER MANAGEMENT SCHEME

AS CONSTRUCTED
SEWER & RECYCLED WATER
LAYOUT PLAN

SCALE: 1:1000	DATE: JUNE 19	DRAWN: C.G.N	CHECKED: M.J.S
DRAWING NO: PB_ASC_009		SHEET NO: 10 OF 20	SHEET SIZE: A1



JOINS SHEET LIMIT

YONGALA - PETERBOROUGH ROAD

JOINS SHEET LIMIT

JOINS SHEET ASC_010

LEGEND:

- CATCHMENT 1, 2 SEWER DN150
- CATCHMENT 3, 4, 5 SEWER DN150
- I/O & CONNECTION (DN100 UNLESS SPECIFIED)
- MH MAINTENANCE HOLE
- MS M. SHAFT, MSJ M. S. JUNCTION
- TMS TERMINAL M. SHAFT
- CSJ CAPPED SWEEP JUNCTION
- RISING/RECYCLED MAIN

NOTE:
DEPTH TO INVERT SHOWN

REV	AMENDMENT	DATE
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3	VALVING ARRANGEMENTS ADDED	05/06/2019



CLIENT:
DISTRICT COUNCIL OF PETERBOROUGH
108 MAIN ST
PETERBOROUGH, S.A. 5422

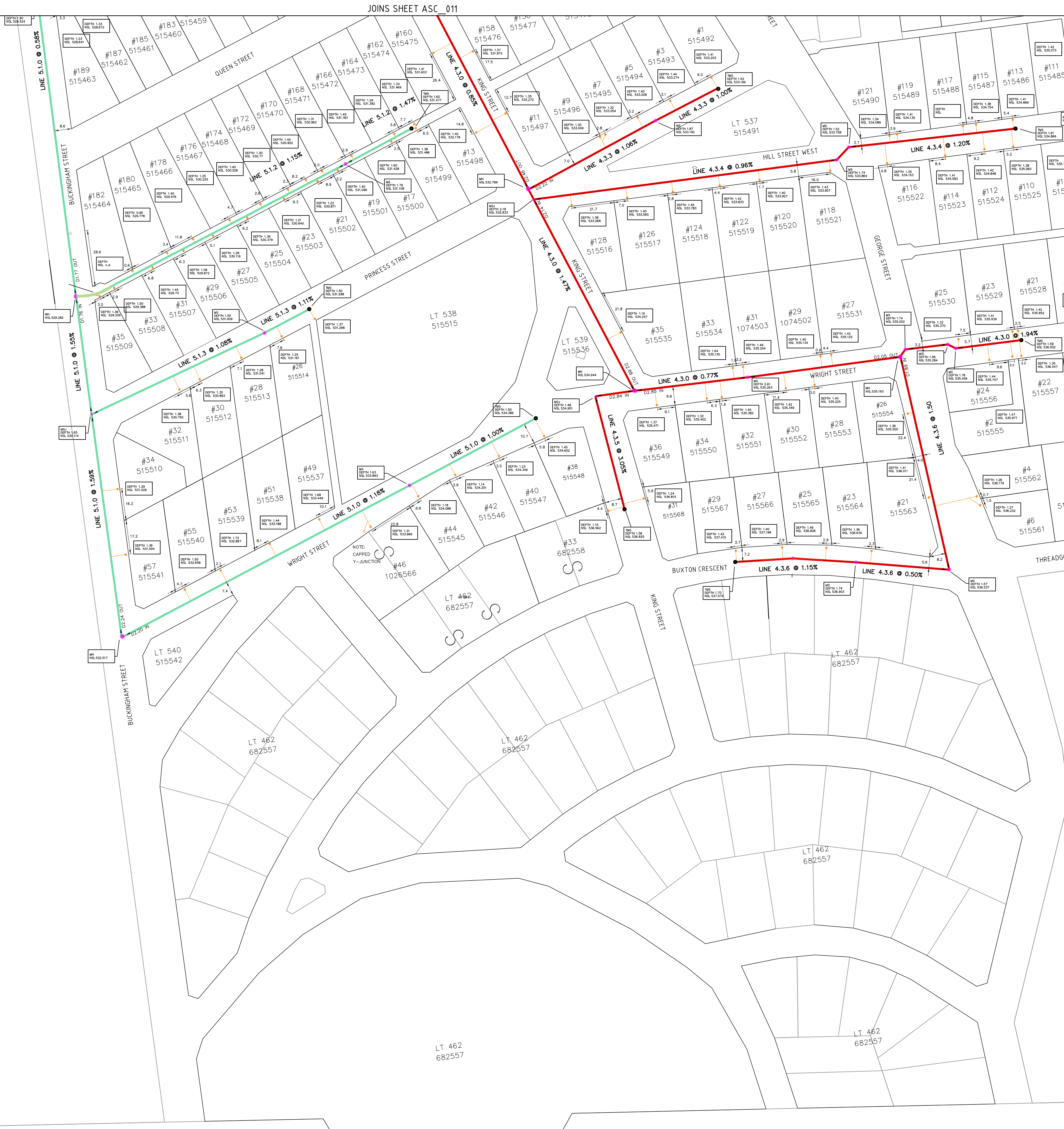
PROJECT:
PETERBOROUGH COMMUNITY
WASTEWATER MANAGEMENT SCHEME

AS CONSTRUCTED
SEWER & RECYCLED WATER
LAYOUT PLAN

SCALE: 1:1000	DATE: JUNE 19	DRAWN: C.G.N	CHECKED: M.J.S
DRAWING NO: PB_ASC_011	SHEET NO: 12 OF 20	SHEET SIZE: A1	



JOINS SHEET LIMIT



- LEGEND:
- CATCHMENT 1, 2 SEWER DN150
 - CATCHMENT 3, 4, 5 SEWER DN150
 - I/O & CONNECTION (DN100 UNLESS SPECIFIED)
 - MH MAINTENANCE HOLE
 - MS M. SHAFT, MSJ M. S. JUNCTION
 - TMS TERMINAL M. SHAFT
 - CSJ CAPPED SWEEP JUNCTION
 - RISING/RECYCLED MAIN

NOTE:
DEPTH TO INVERT SHOWN

REV	AMENDMENT	DATE
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PETERBOROUGH, S.A. 5422

PROJECT:
PETERBOROUGH COMMUNITY
WASTEWATER MANAGEMENT SCHEME

AS CONSTRUCTED
SEWER & RECYCLED WATER
LAYOUT PLAN

SCALE: 1:1000	DATE: JUNE 19	DRAWN: C.G.N	CHECKED: M.J.S
DRAWING NO: PB_ASC_012		SHEET NO: 13 OF 20	SHEET SIZE: A1

JOINS SHEET LIMIT

JOINS SHEET ASC_013

JOINS SHEET ASC_015

JOINS SHEET LIMIT

JOINS SHEET ASC_002

SEC 418
864171

ORROROO - PETERBOROUGH ROAD

WATKINS ROAD

FOWLERS ROAD

827004

827003

864170

878104

515039

89591

950250

WATKINS ROAD

89590

FOWLERS ROAD

878104

#7
515040

#5
956320

#9
956317

#9A
89593

TELFORD AVENUE

REFER PB_ASC_015 FOR RISING & RETURN MAIN
LAYOUT TOWARD LAGOON SITE

Ø150 PVC RISING MAIN
Ø150 PVC RECYCLED W.M.

Ø150 PVC RISING MAIN

Ø150 PVC RECYCLED W.M.

LEGEND:

- CATCHMENT 1, 2 SEWER DN150
- CATCHMENT 3,4,5 SEWER DN150
- I/O & CONNECTION (DN100 UNLESS SPECIFIED)
- MH MAINTENANCE HOLE
- MS M. SHAFT, MSJ M. S. JUNCTION
- TMS TERMINAL M. SHAFT
- CSJ CAPPED SWEEP JUNCTION
- RISING/RECYCLED MAIN

NOTE:

DEPTH TO INVERT SHOWN

REV	AMENDMENT	DATE
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1	REUSE DETAILS ADDED	18/09/2018
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3	VALVING ARRANGEMENTS ADDED	05/06/2019



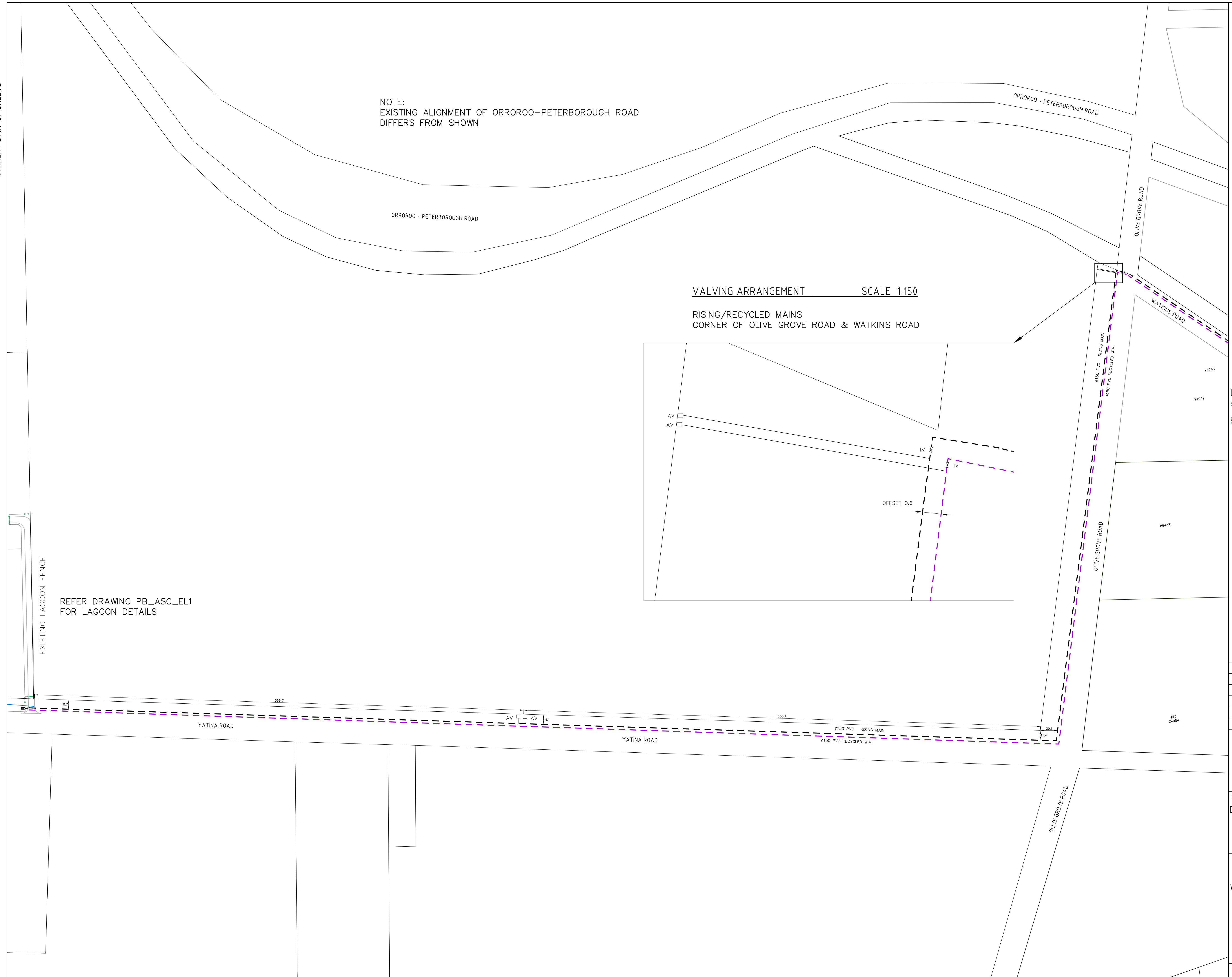
CLIENT:
DISTRICT COUNCIL OF PETERBOROUGH
108 MAIN ST
PETERBOROUGH, S.A. 5422

PROJECT:
PETERBOROUGH COMMUNITY
WASTEWATER MANAGEMENT SCHEME

AS CONSTRUCTED
SEWER & RECYCLED WATER
LAYOUT PLAN

SCALE: 1:1000	DATE: JUNE 19	DRAWN: C.G.N	CHECKED: M.J.S
DRAWING NO: PB_ASC_014	SHEET NO: 15 OF 20	SHEET NO:	SHEET SIZE: A1

JOINS SHEET LIMIT



JOINS SHEET ASC_014

LEGEND:

-  CATCHMENT 1, 2 SEWER DN150
-  CATCHMENT 3,4,5 SEWER DN150
-  I/O & CONNECTION (DN100 UNLESS SPECIFIED)
-  MH MAINTENANCE HOLE
-  MS M. SHAFT, MSJ M. S. JUNCTION
-  TMS TERMINAL M. SHAFT
-  CSJ CAPPED SWEEP JUNCTION
-  = RISING/RECYCLED MAIN

REV	AMENDMENT	DATE
0	VERSION FOR CERTIFICATION	21/08/2018
1	REUSE DETAILS ADDED	18/09/2018
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3	VALVING ARRANGEMENTS ADDED	05/06/2019



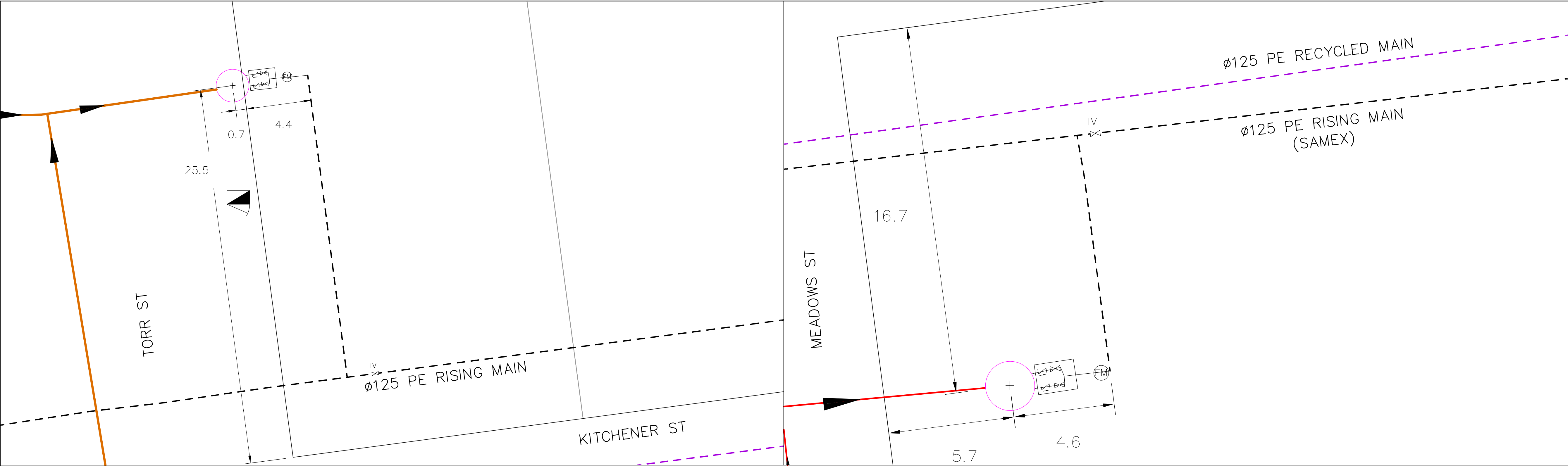
CLIENT:
DISTRICT COUNCIL OF PETERBOROUGH
108 MAIN ST
PETERBOROUGH, S.A. 5422

PROJECT:

PETERBOROUGH COMMUNITY
WASTEWATER MANAGEMENT SCHEME

AS CONSTRUCTED
RISING/RETURN MAIN TO LAGOONS
LAYOUT PLAN

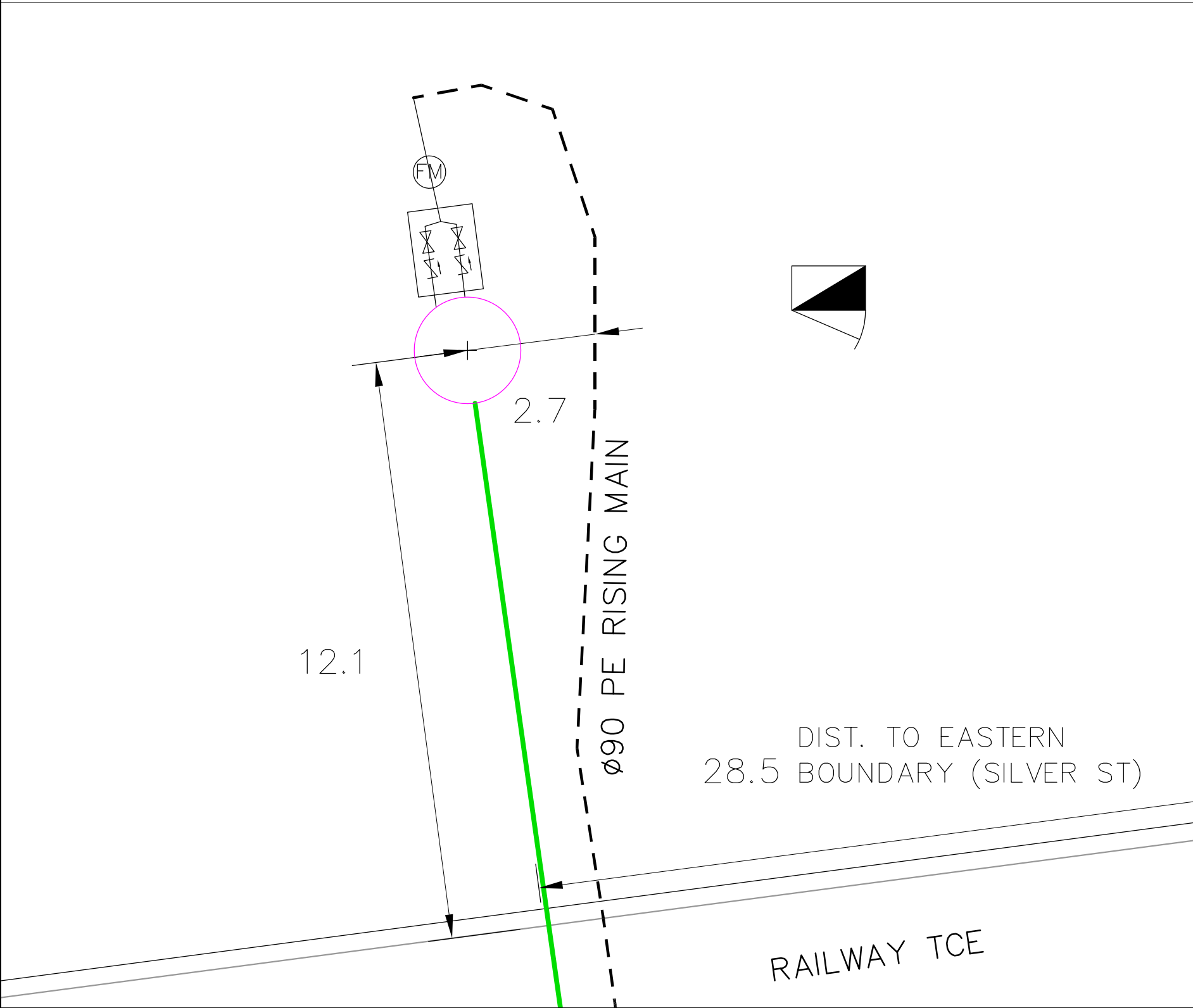
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DRAWING NO: PB_ASC_015		SHEET NO: 16 OF 20	SHEET SIZE: A1



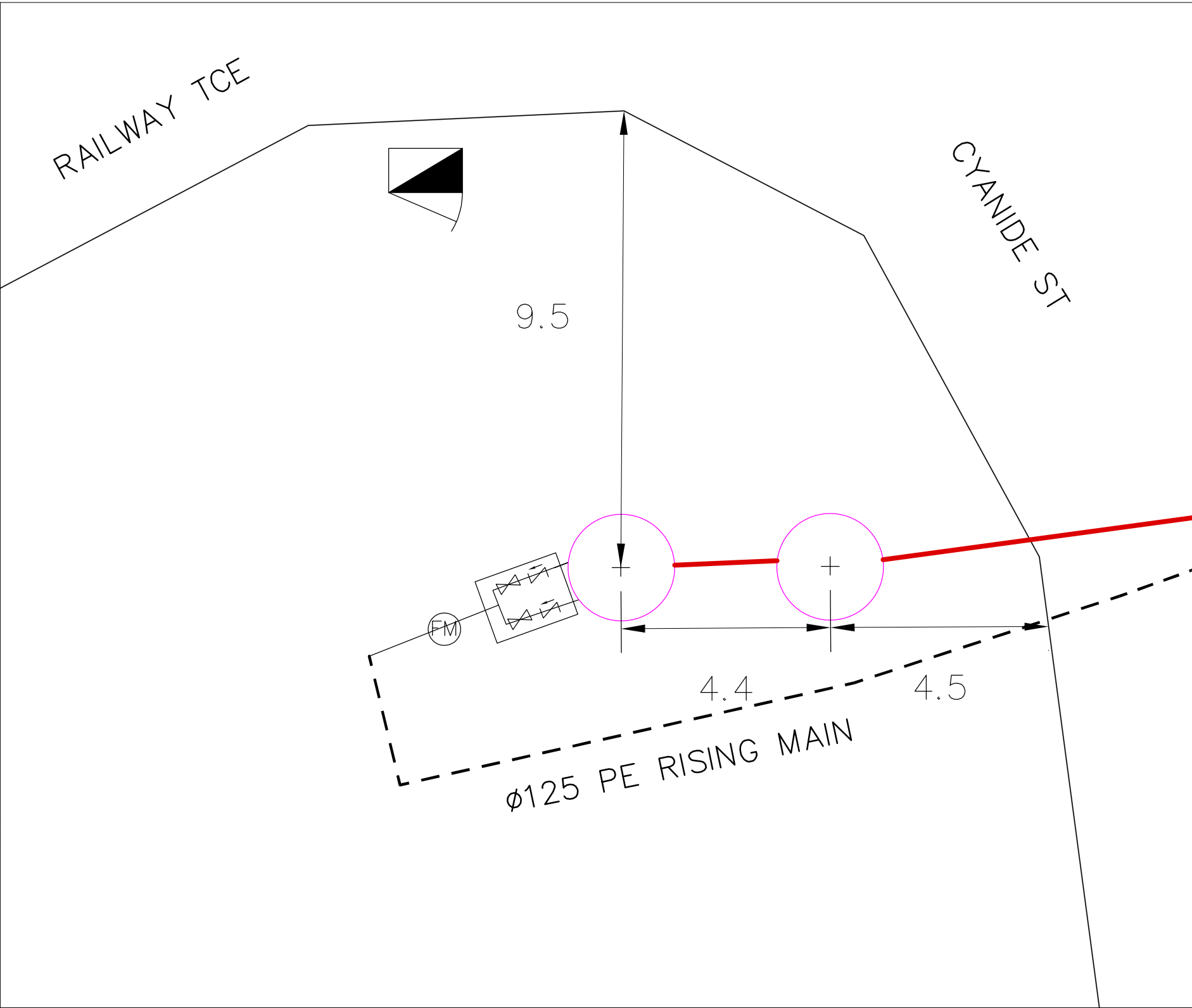
PUMP STATION No. 1
NSL 526.707
DUTY 1.84 L/S @ 27.4m HEAD
MP3127.170 HT 252 IMP 7.4kW

PUMP STATION No. 2
NSL 528.569
DUTY 3.93 L/S @ 28.0m HEAD
MP3127.170 HT 252 IMP 7.4kW

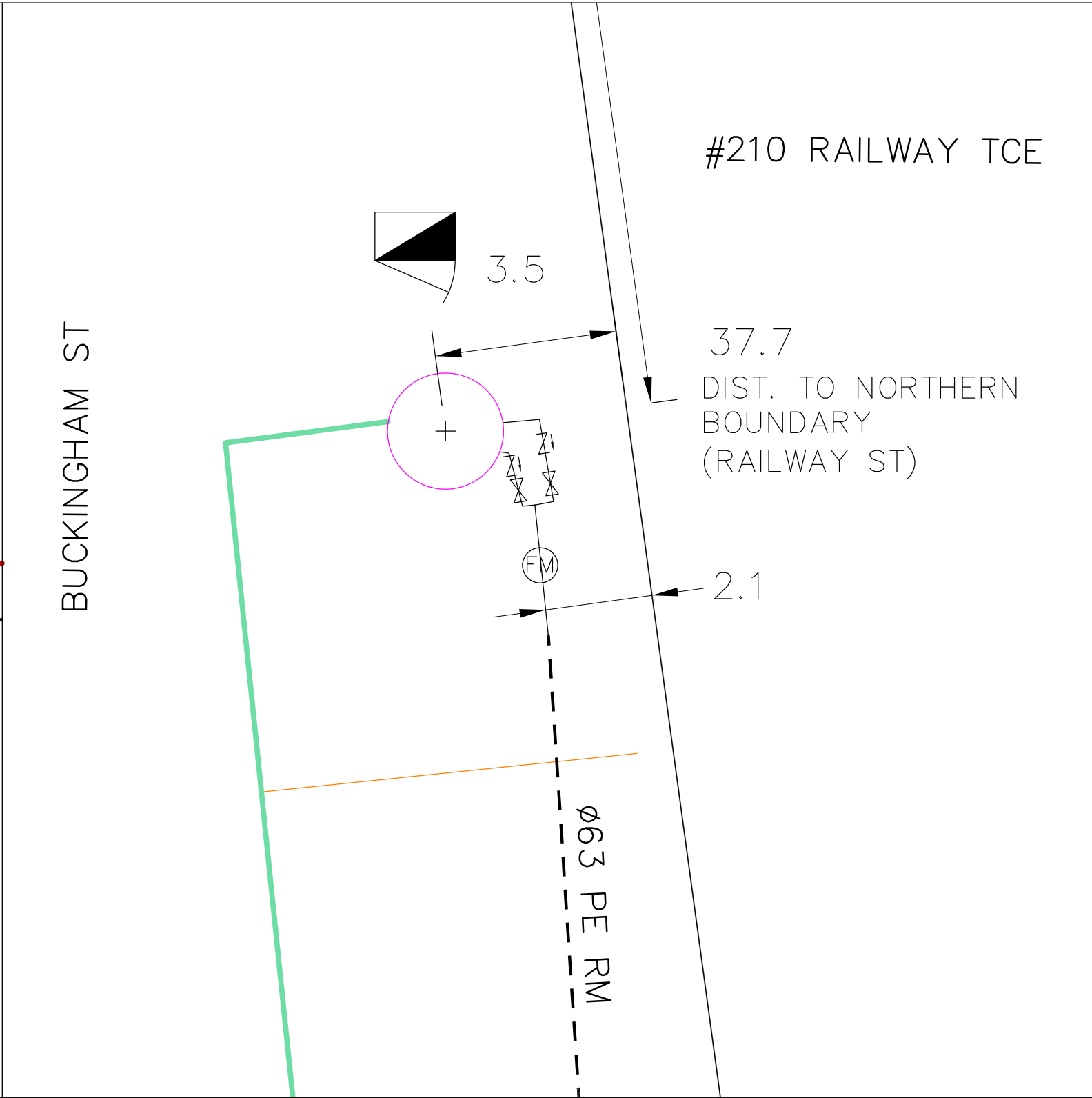
- LEGEND:
- CATCHMENT 1, 2 SEWER DN150
 - CATCHMENT 3,4,5 SEWER DN150
 - RISING/RETURN MAIN
 - PUMP STATION
 - CONTROL BOX
 - NON-RETURN VALVE
 - ISOLATION VALVE
 - FLOW METER



PUMP STATION No. 3
NSL 532.027
DUTY 2.95 L/S @ 38.5m HEAD
MP3127.170 HT 252 IMP 7.4kW



PUMP STATION No. 4
NSL 529.644
2nd SUMP EMERGENCY STORAGE
DUTY 7.64 L/S @ 39.0m HEAD
NP3127.160 SH 245 IMP 7.4kW



PUMP STATION No. 5
NSL 528.867
DUTY 1.50 L/S @ 8.0m HEAD
NP3085.160 MT 460 IMP 2.0kW

NOTE:
DEPTH TO INVERT SHOWN
PUMP STATION SIZE INDICATIVE ONLY

REV	AMENDMENT	DATE
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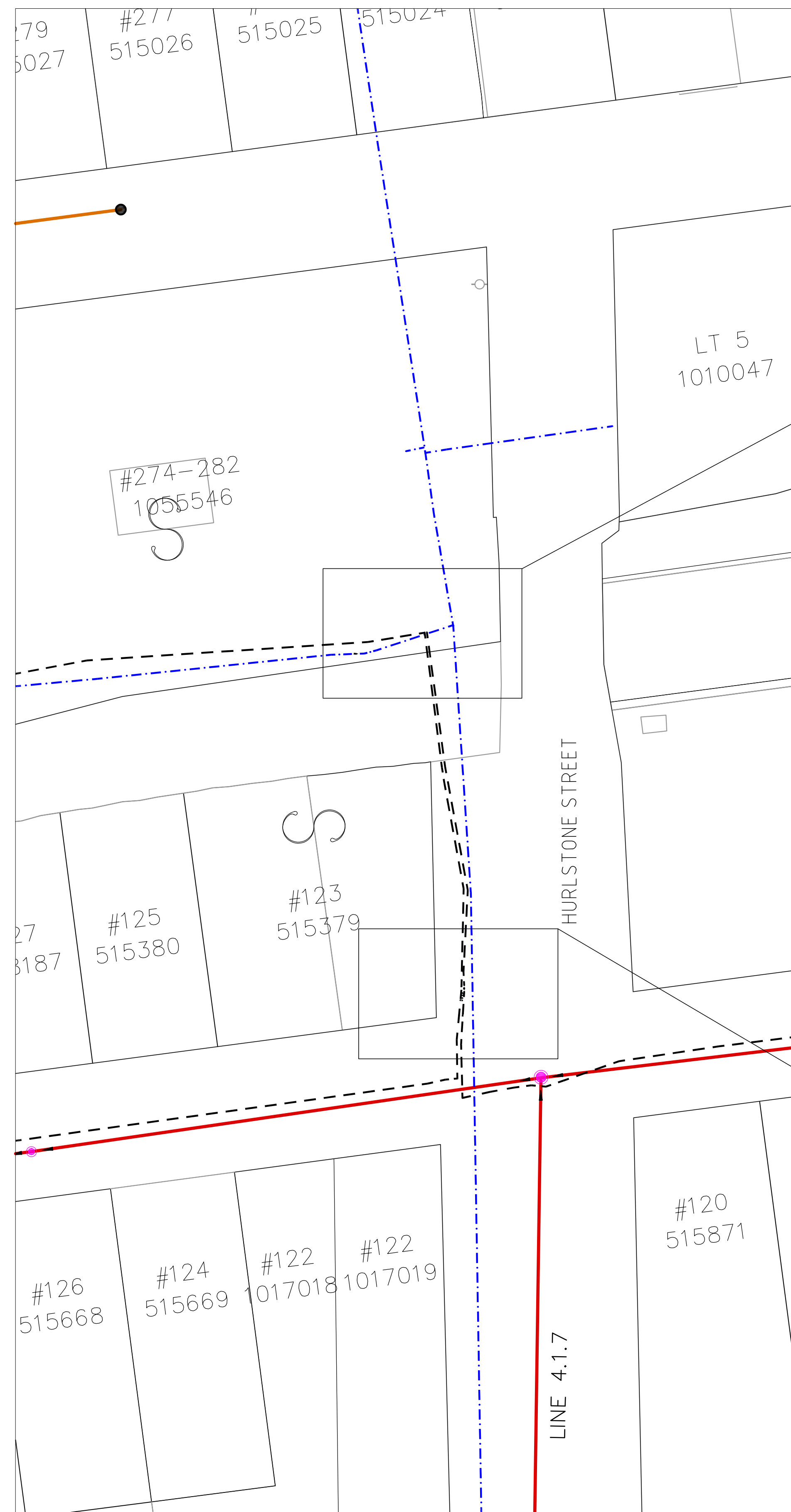


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DISTRICT COUNCIL OF PETERBOROUGH
108 MAIN ST
PETERBOROUGH, S.A. 5422

PROJECT:
PETERBOROUGH COMMUNITY
WASTEWATER MANAGEMENT SCHEME

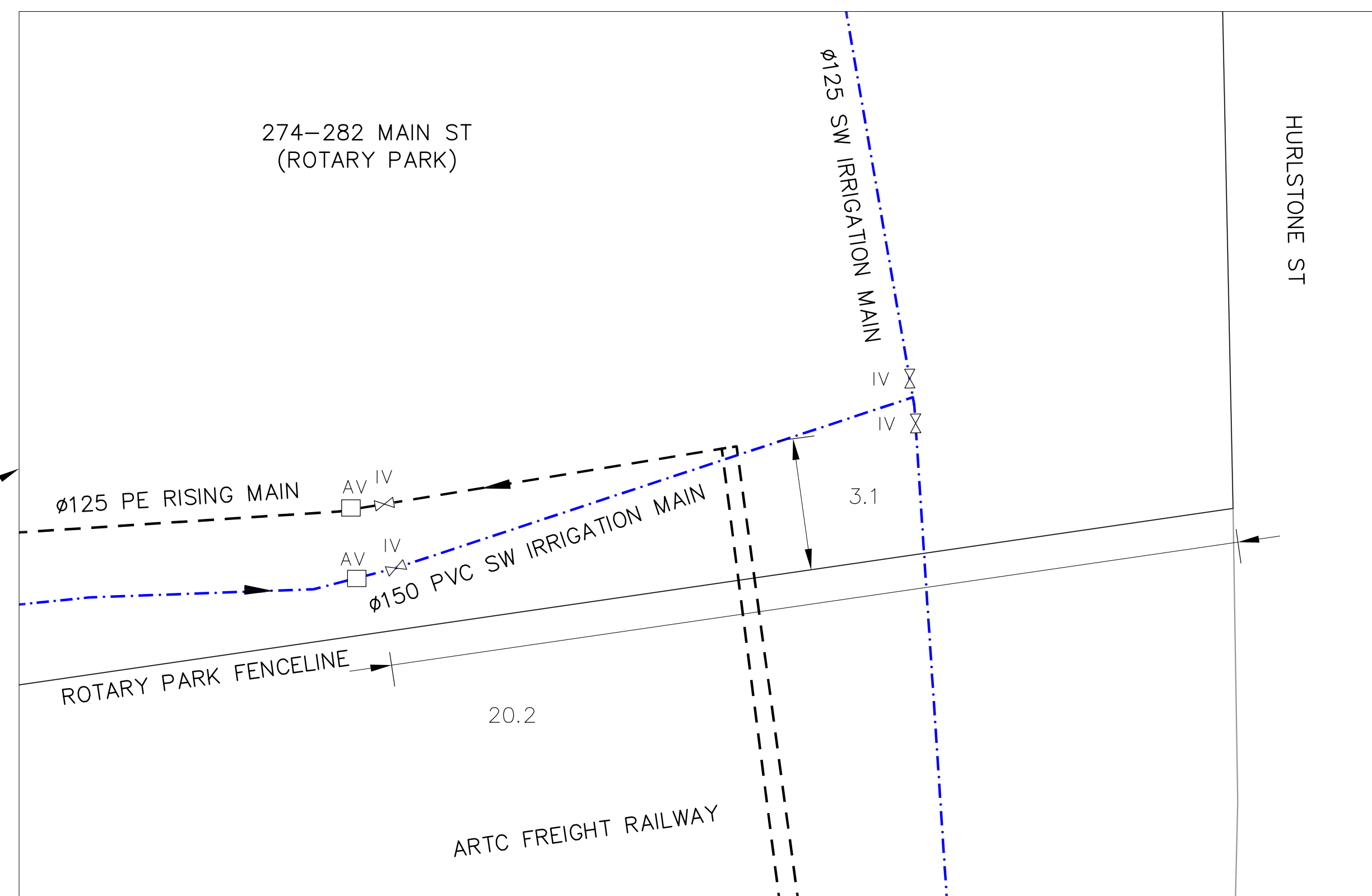
AS CONSTRUCTED
PUMP STATION &
VALVE DETAILS

SCALE: AS SHOWN	DATE: JUNE 19	DRAWN: C.G.N	CHECKED: M.J.S
DRAWING NO: PB_ASC_DETAIL1	SHEET NO: 17 OF 20	SHEET SIZE: A1	



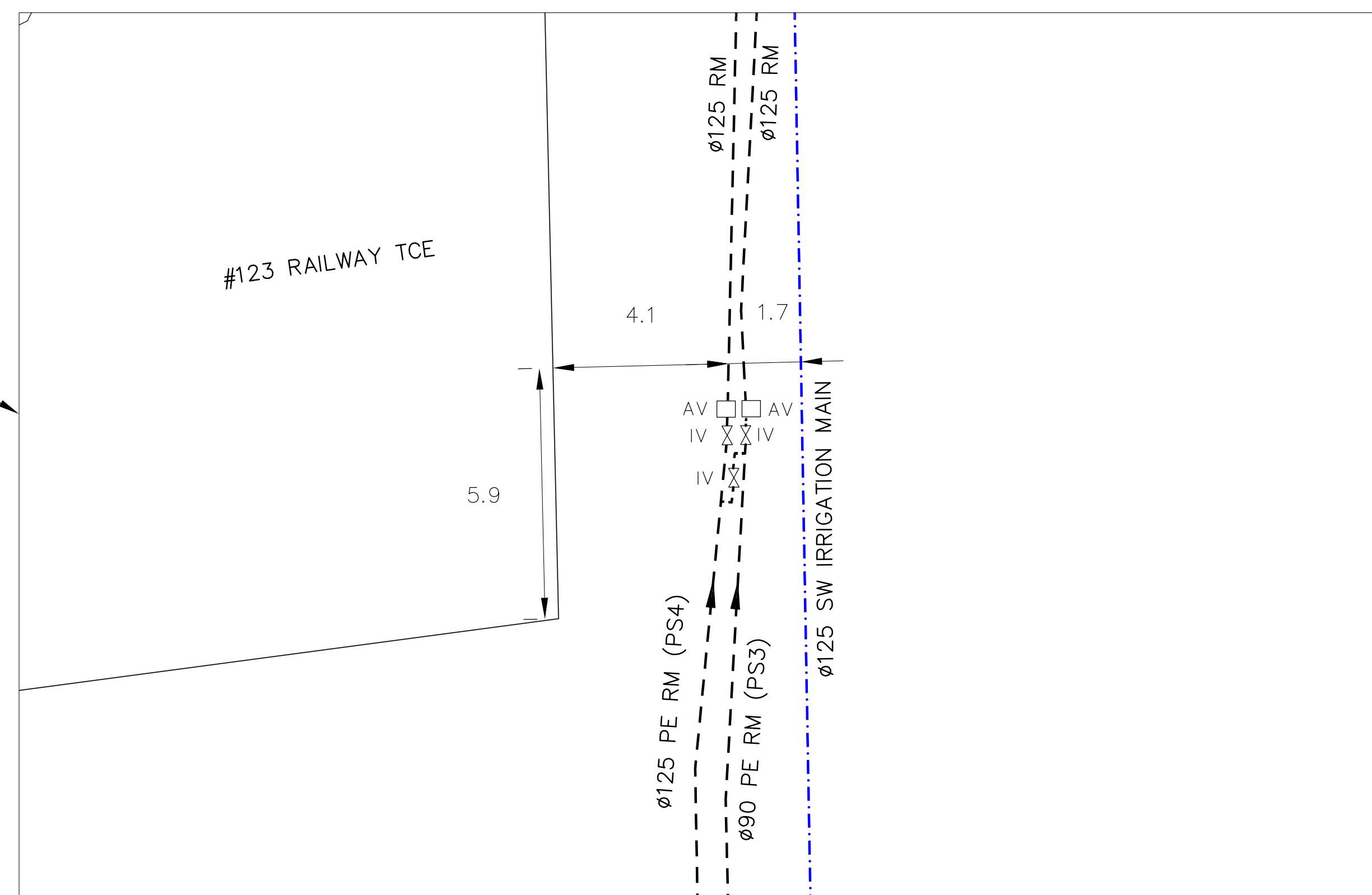
UNDERBORE PLAN SCALE 1:500

SHOWING LOCATION OF RISING MAIN RAILWAY UNDERBORE WEST OF HURLSTONE ST



VALVING ARRANGEMENT SCALE 1:100

RISING/RECYCLED MAINS
NORTH OF RAILWAY UNDERBORE
274-282 MAIN ST



VALVING ARRANGEMENT SCALE 1:100

RISING MAINS
SOUTH OF RAILWAY UNDERBORE
ADJ. 123 RAILWAY TCE

LEGEND:

- CATCHMENT 1, 2 SEWER DN150
- CATCHMENT 3, 4, 5 SEWER DN150
- RISING/RETURN MAIN
- PUMP STATION
- CONTROL BOX
- NON-RETURN VALVE
- ISOLATION VALVE
- FLOW METER

NOTE:

DEPTH TO INVERT SHOWN
PUMP STATION SIZE INDICATIVE ONLY

REV	AMENDMENT	DATE
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PETERBOROUGH, S.A. 5422

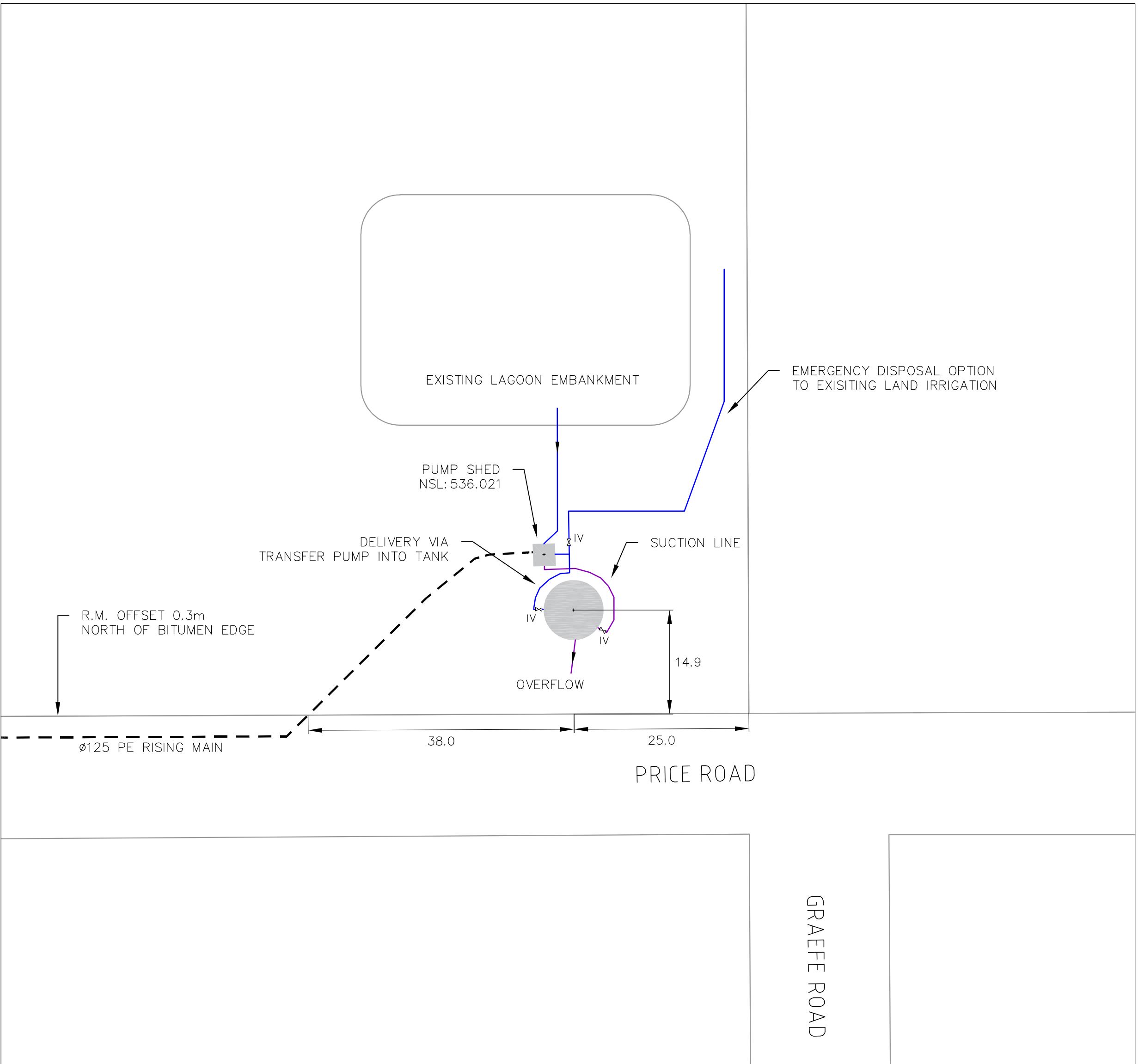
PROJECT:
PETERBOROUGH COMMUNITY
WASTEWATER MANAGEMENT SCHEME

AS CONSTRUCTED
RAILWAY UNDERBORE &
VALVE DETAILS

SCALE: AS SHOWN	DATE: JUNE 19	DRAWN: C.G.N	CHECKED: M.J.S
DRAWING NO: PB_ASC_DETAIL2	SHEET NO: 18 OF 20	SHEET NO: 18 OF 20	SHEET SIZE: A1



SAMEX LOCATION PLAN NTS
SHOWING TOWN OVAL & SAMEX SITE



SAMEX STORAGE TANK & PUMP DETAIL SCALE 1:500
CAPACITY 196kL
NSL: 536.096

- LEGEND:
- CATCHMENT 1, 2 SEWER DN150
 - CATCHMENT 3, 4, 5 SEWER DN150
 - RISING/RETURN MAIN
 - PUMP STATION
 - CONTROL BOX
 - NON-RETURN VALVE
 - ISOLATION VALVE
 - FLOW METER

NOTE:

REV	AMENDMENT	DATE
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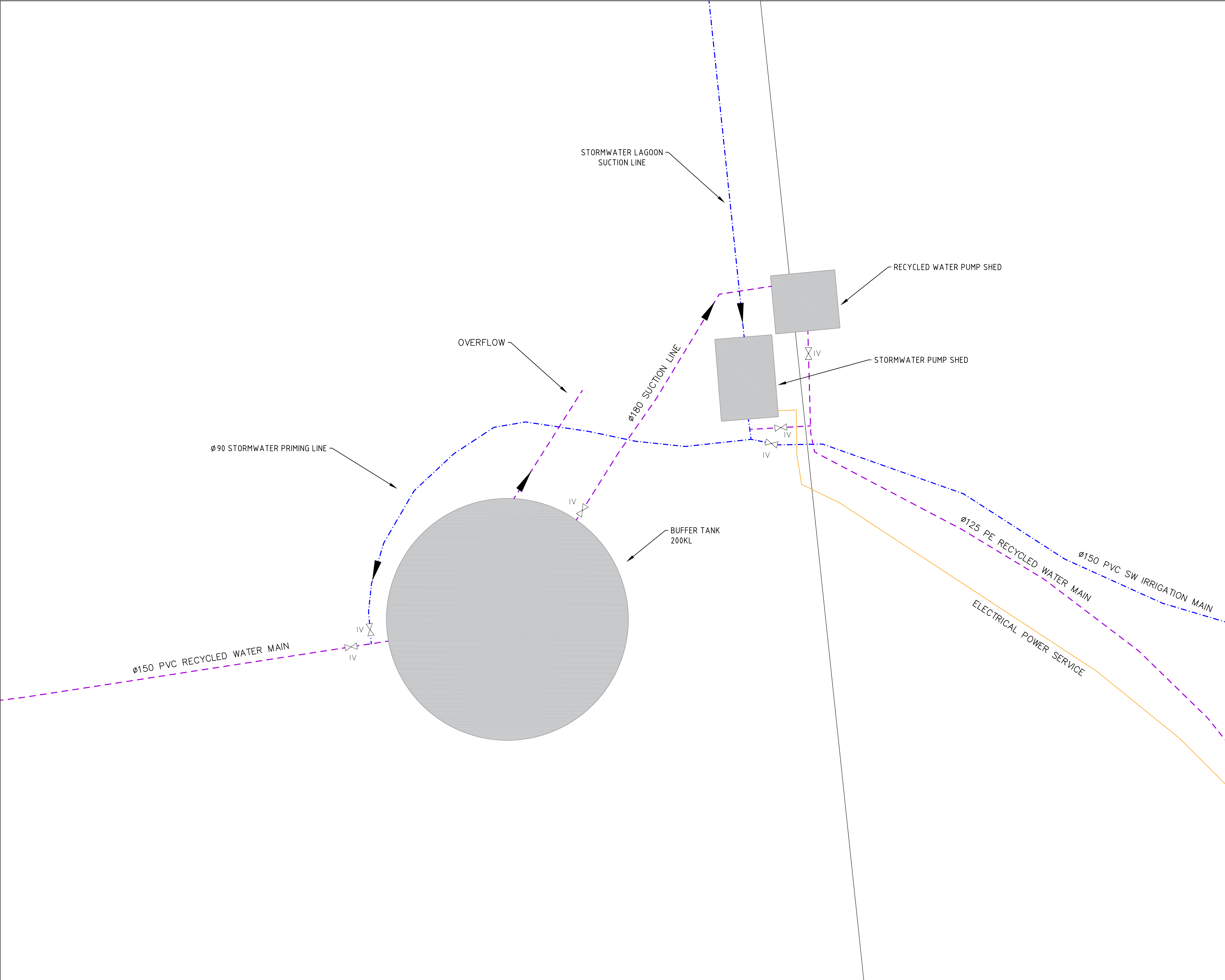


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108 MAIN ST
PETERBOROUGH, S.A. 5422

PROJECT:
PETERBOROUGH COMMUNITY
WASTEWATER MANAGEMENT SCHEME

AS CONSTRUCTED
SAMEX PUMP STATION &
RISING MAIN

SCALE: AS SHOWN	DATE: JUNE 19	DRAWN: C.G.N	CHECKED: M.J.S
DRAWING NO: PB_ASC_DETAIL3	SHEET NO: 19 OF 20	SHEET SIZE: A1	



- LEGEND:
- CATCHMENT 1, 2 SEWER DN150
 - CATCHMENT 3,4,5 SEWER DN150
 - RISING/RETURN MAIN
 - PUMP STATION
 - CONTROL BOX
 - NON-RETURN VALVE
 - ISOLATION VALVE
 - FLOW METER

NOTE:

REV	AMENDMENT	DATE
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PETERBOROUGH COMMUNITY
WASTEWATER MANAGEMENT SCHEME

AS CONSTRUCTED
RESERVOIR VALVING DETAILS

SCALE: 1:100	DATE: JUNE 19	DRAWN: C.G.N	CHECKED: M.J.S
DRAWING NO: PB_ASC_DETAIL4	SHEET NO: 20 OF 20	SHEET SIZE: A1	