



**LEGEND:**

- PROPOSED WASTEWATER MAIN - DIA AS SHOWN
- PROPOSED 125mm PE RISING MAIN
- s-s- PROPOSED 100mm SEWER LATERAL
- o PROPOSED 1000 SEWER MANHOLE

1. ALL WORKS ARE TO BE IN TERMS OF THE SDC COP AND CSS WHERE APPLICABLE.
2. CONTRACTOR TO LIASE WITH COUNCIL BEFORE BREAKING INTO LIVE SEWER MAIN.
3. PIPE LAYING AT MANHOLES TO SDC 2010 CODE OF PRACTICE PART 6 AND CSS PART 3 SD 341. CONNECTIONS SHALL BE GENERALLY TO FLEXIBLE STANDARD.
4. ALL 100mm uPVC LATERAL CONNECTIONS TO BE IN ACCORDANCE WITH CSS PART 3 2002 SD 363 AND SD 365. ALL LATERALS TO TERMINATE 100mm TO EACH PROPERTY BOUNDARY WHERE APPROPRIATE.
5. ALL 100 AND 150 uPVC PIPE SHALL BE SNI16 GRADE. 2250 PIPE SHALL BE SNI.
6. ALL 100 SS LATERALS TO BE LAID AT 1:80 IN GRADE UNLESS STATED OTHERWISE.
7. CONTRACTOR TO LOCATE ALL EXISTING SERVICES PRIOR TO CONSTRUCTION.
8. ALL SEWER LATERAL ENDS ARE TO BE SEALED WITH END CAPS AND MARKED WITH A 50x50mm H4 TREATED STAKE EXTENDING 300mm ABOVE FINISHED GROUND LEVEL. STAKES ARE TO BE PAINTED RED FOR SEWER.
9. ALL LATERAL JUNCTIONS MUST BE SURVEY FIXED OR RUNNING DISTANCE RECORDED PRIOR TO BACKFILL.
10. MANHOLE CONNECTIONS AND CORREL SPECS ARE AS PER SDC COP PART 6 SNI 16 OR AS PER CSS PART 3 SD341/411 AREAS OF HEAVY GROUND CONDITION.
11. REFER TO 1457 S10 EN-120 TO EN-124 FOR LONGSECTIONS (INCLUDING COLLECTOR MAIN DETAILS). IF THERE ARE ANY DISCREPANCIES BETWEEN THE PLANS AND THE LONGSECTIONS, INFORMATION MUST BE TAKEN FROM THE LONGSECTIONS.

ORIGIN OF LEVELS:	UG 32 (B882)
REDUCED LEVEL:	55.5078m
DATUM:	LVD 1937 (JAN 2018)
THE SITE DATUM IS:	ENGINEERING PEG
REDUCED LEVEL:	39.05m

REV	DATE	REVISION DETAILS	ISSUED
1	09/11/20	FOR CONSTRUCTION	CWH
C	08/10/20	FOR APPROVAL	CWH
B	20/08/20	FOR APPROVAL	CWH
A	14/08/20	FOR APPROVAL	CWH

PROJECT

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PLANNING • SURVEYING • ENGINEERING

4 Meadow Street, PO Box 5558, Papanui, Christchurch  
 P 03 352 5599 AMBERLEY 03 314 9200  
 F 03 352 5527 ASHBURTON 03 307 7021  
 TOLL FREE 0508 787 887 DARFIELD 03 318 8151

DRAWING TITLE		
<b>SEWER RETICULATION SHEET 1 OF 4 10 &amp; 12</b>		
STATUS	SCALE	SIZE
FOR CONSTRUCTION	1:500	A1
PROJECT NO	DRAWING NO	REVISION
14557	S10-EN-116	1





- LEGEND:
- PROPOSED WASTEWATER MAIN - DA AS SHOWN
  - PROPOSED 125mm PERISHING MAIN
  - PROPOSED 100mm SEWER LATERAL
  - PROPOSED 1000 SEWER MANHOLE

1. ALL WORKS ARE TO BE IN TERMS OF THE SDC COP AND CSS WHERE APPLICABLE.
2. CONTRACTOR TO LIASE WITH COUNCIL BEFORE BREAKING INTO LIVE SEWER MAIN.
3. PIPE LAYING AT MANHOLES TO SDC 2010 CODE OF PRACTICE PART 6 AND CSS PART 3 SD 311. CONNECTIONS SHALL BE GENERALLY TO FLEXIBLE STANDARD.
4. ALL 100mm uPVC LATERAL CONNECTIONS TO BE IN ACCORDANCE WITH CSS PART 3 2002 SD 363 AND SD 365. ALL LATERALS TO TERMINATE 1.0m IN TO EACH PROPERTY BOUNDARY WHERE APPROPRIATE.
5. ALL 1000 AND 1500 uPVC PIPE SHALL BE S116 GRADE 250 PIPE SHALL BE S115.
6. ALL 1000 SS LATERALS TO BE LAID AT 130 MIN GRADE UNLESS STATED OTHERWISE.
7. CONTRACTOR TO LOCATE ALL EXISTING SERVICES PRIOR TO CONSTRUCTION.
8. ALL SEWER LATERAL ENDS ARE TO BE SEALED WITH END CAPS AND MARKED WITH A 50x50mm H4 TREATED STAKE EXTENDING 300mm ABOVE FINISHED GROUND LEVEL. STAKES ARE TO BE PAINTED RED FOR SEWER.
9. ALL LATERAL JUNCTIONS MUST BE SURVEY FIXED OR RUNNING DISTANCE RECORDED PRIOR TO BACKFILL.
10. MANHOLE CONNECTIONS AND CORREL SPECS ARE AS PER SDC COP PART 6 S116 OR AS PER CSS PART 3 SD311 IN AREAS OF WEAK GROUND CONDITION.
11. REFER TO 14557 S10-EN-120 TO EN-124 FOR LONGSECTIONS (INCLUDING COLLECTOR MAIN DETAILS). IF THERE ARE ANY DISCREPANCIES BETWEEN THE PLANS AND THE LONGSECTIONS, INFORMATION MUST BE TAKEN FROM THE LONGSECTIONS.

ORIGIN OF LEVELS:	UG 32 (B882)
REDUCED LEVEL:	55.9078m
DATE:	LVD 1937 (JAN 2018)
THE SITE DATUM IS:	ENGINEERING PEG
REDUCED LEVEL:	39.05m

REV	DATE	REVISION DETAILS	ISSUED
1	09/11/20	FOR CONSTRUCTION	CWH
C	08/10/20	FOR APPROVAL	CWH
B	20/08/20	FOR APPROVAL	CWH
A	14/08/20	FOR APPROVAL	CWH

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DRAWING TITLE		
SEWER RETICULATION SHEET 2 OF 4 10 & 12		
STATUS	SCALE	SIZE
FOR CONSTRUCTION	1:500	A1
PROJECT NO	DRAWING NO	REVISION
14557	S10-EN-117	1





- LEGEND:**
- PROPOSED WASTEWATER MAIN - DIA AS SHOWN
  - PROPOSED 125mm PERISING MAIN
  - - - PROPOSED 100mm SEWER LATERAL
  - PROPOSED 1000 SEWER MANHOLE

1. ALL WORKS ARE TO BE IN TERMS OF THE SDC COP AND CSS WHERE APPLICABLE.
2. CONTRACTOR TO LIASE WITH COUNCIL BEFORE BREAKING INTO LIVE SEWER MAIN.
3. PIPE LAYING AT MANHOLES TO SDC 2010 CODE OF PRACTICE PART 6 AND CSS PART 3 SD 341. CONNECTIONS SHALL BE GENERALLY TO FLEXIBLE STANDARD.
4. ALL 100mm Ø PVC LATERAL CONNECTIONS TO BE IN ACCORDANCE WITH CSS PART 3 2002 SD 363 AND SD 365. ALL LATERALS TO TERMINATE 1.0m IN TO EACH PROPERTY BOUNDARY WHERE APPROPRIATE.
5. ALL 1000 AND 1500 uPVC PIPE SHALL BE S116 GRADE. 2250 PIPE SHALL BE S12.
6. ALL 1000 SS LATERALS TO BE LAID AT 1:20 MIN GRADE UNLESS STATED OTHERWISE.
7. CONTRACTOR TO LOCATE ALL EXISTING SERVICES PRIOR TO CONSTRUCTION.
8. ALL SEWER LATERAL ENDS ARE TO BE SEALED WITH END CAPS AND MARKED WITH A 50x50mm H4 TREATED STAKE EXTENDING 300mm ABOVE FINISHED GROUND LEVEL. STAKES ARE TO BE PAINTED RED FOR SEWER.
9. ALL LATERAL JUNCTIONS MUST BE SURVEY FIXED OR RUNNING DISTANCE RECORDED PRIOR TO BACKFILL.
10. MANHOLE CONNECTIONS AND CORREL SPECS ARE AS PER SDC COP PART 6 S116 OR AS PER CSS PART 3 SD341 IN AREAS OF VARYING GROUND CONDITION.
11. REFER TO 1457 S10 EN-120 TO EN-124 FOR LONGSECTIONS (INCLUDING COLLECTOR MAIN DETAILS). IF THERE ARE ANY DISCREPANCIES BETWEEN THE PLANS AND THE LONGSECTIONS, INFORMATION MUST BE TAKEN FROM THE LONGSECTIONS.

ORIGIN OF LEVELS:	UG 32 (B882)
REDUCED LEVEL:	55.8078m
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REV	DATE	REVISION DETAILS	ISSUED
1	09/11/20	FOR CONSTRUCTION	CWH
D	02/11/20	FOR APPROVAL	CWH
C	08/10/20	FOR APPROVAL	CWH
B	20/08/20	FOR APPROVAL	CWH
A	14/08/20	FOR APPROVAL	CWH

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DRAWING TITLE		
<b>SEWER RETICULATION SHEET 3 OF 4 10 &amp; 12</b>		
STATUS	SCALE	SIZE
FOR CONSTRUCTION	1:500	A1
PROJECT NO	DRAWING NO	REVISION
14557	S10-EN-118	1