

STREET LIGHT DETAILS

TYPE A - 7.5m VICPOLE 125mm SQUARE SERIES COLUMN HOT DIPPED GALV, TWO PACT BLACK PAINT FINISH. CREE EDGE SQUARE SERIES XAL 1304D-4HT LED LIGHT FIXTURE. 40 WATT LED (350MA DRIVER), TYPE 3M OPTICS

STREET LIGHT COORDINATES			
SL	mN	mE	TYPE
SL192760774.56	422428.24	A	A
SL193760794.25	422477.11	A	A
SL194760840.45	422481.02	A	A
SL195760894.57	422454.55	A	A

NOTES

- ALL COORDINATES ARE IN METRES AND IN TERMS OF GEODETIC 2000 MT. EDEN
- ALL LEVELS ARE IN METRES AND IN TERMS OF THE LANDS AND SURVEY DATUM (MEAN SEA LEVEL) AUCKLAND 1946

LEGEND

	STD. KERB		EDGE OF SEAL
	KERB & NIB		TRANSITION TO EXISTING
	MOUNTABLE KERB		STREET LIGHTS
	CHANNEL		DRIVEWAY
	FOOTPATH		
	CHIPSEAL ONLY		

I, RYAN JAMES PITKETHLEY, CMENGNZ CPENG HEREBY BELIEVE ON ALL REASONABLE GROUNDS THAT THE PIPE SIZES, FITTINGS, POSITIONS, COORDINATES AND LEVELS SHOWN ARE ACCURATELY PLOTTED IN RELATION TO BOUNDARIES AND IS CORRECT AS THIS INFORMATION HAS BEEN PROVIDED BY THE CONTRACTOR OF THE WORKS - KERRY DINES LTD.

RYAN JAMES PITKETHLEY DATE
 CMENGNZ CPENG



REV	REVISION DETAILS	BY	DATE

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RJP	04-18	
APPROVED:	DATE:	
MSS	04-18	

CIVILPLAN
 CONSULTANTS

Level 3 AMI Building, 15 Osterley Way, Manukau City. Phone: 2222445

PROJECT TITLE:
 DFH JOINT VENTURE
 HELENSLEE STAGE 11C SUBDIVISION
 POKENO

SHEET TITLE:
 AS BUILT ROADING

ISSUE STATUS: **AS BUILT**

SCALE: (A1/A3)
 0 20 40 60 80 100m
 1:500 / 1:1000

DRAWING NUMBER: **128286-11C-AB300** REV:

Filepath: C:\DATA\POKENO\HELENSLEE\STAGE 11\STAGE 11C\AS BUILTS\HL11C-AB300.DWG

STORMWATER COORDINATES

MH=MANHOLE
BC=BLANK CAP
CP=CATCHPIT, DCP=DOUBLE CATCHPIT

MH7.5	760780.17	422426.44
MH7.6	760807.16	422424.74
MH7.7	760819.66	422418.65
MH7.8	760857.34	422400.23
MH7.9	760869.20	422425.15
MH9.1	760831.34	422443.17
MH9.2	760854.86	422490.84
MH9.3	760899.91	422468.90
BC9.4	760826.44	422504.81
MH12.1	760781.55	422449.94
CP7	760772.30	422464.18
CP8	760779.49	422460.90
CP9	760861.79	422471.50
CP10	760864.93	422478.75
CP19		
CP20		

STORMWATER COORDINATES

CON=LOT CONNECTION

CON727	760779.51	422408.96
CON728	760780.84	422429.90
CON729	760783.68	422450.99
CON730	760833.29	422460.57
CON731	760809.24	422424.53
CON732	760821.46	422418.76
CON733	760835.39	422445.06
CON734	760864.94	422428.97
CON735	760837.96	422410.47
CON736	760859.17	422400.80
CON737	760873.97	422425.76
CON759	760903.17	422467.08
CON760	760886.70	422475.75
CON761	760868.76	422484.68
CON762	760855.72	422492.70
CON763	760844.38	422496.55
CON764	760827.60	422504.85

NOTES

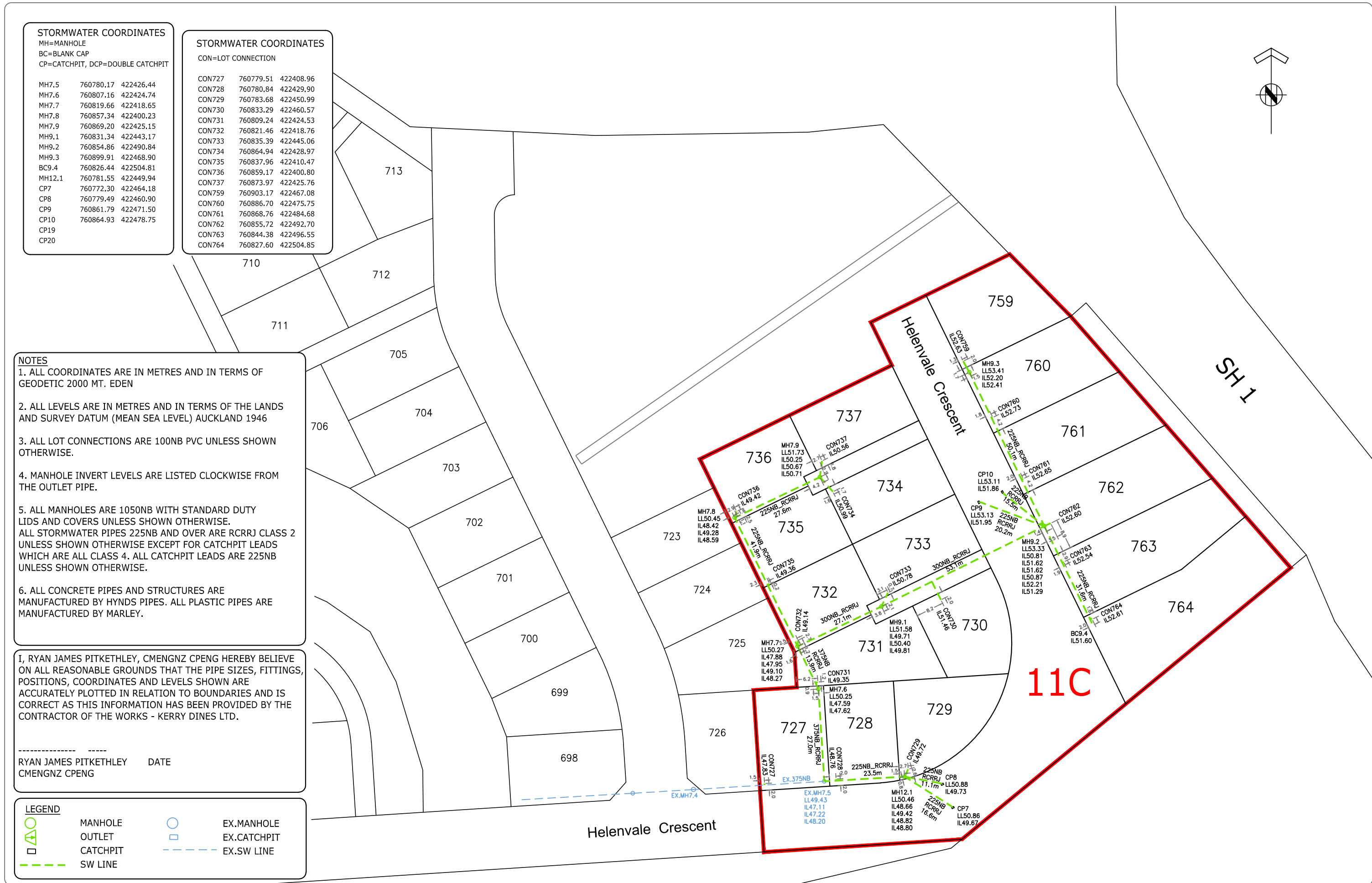
1. ALL COORDINATES ARE IN METRES AND IN TERMS OF GEODETIC 2000 MT. EDEN
2. ALL LEVELS ARE IN METRES AND IN TERMS OF THE LANDS AND SURVEY DATUM (MEAN SEA LEVEL) AUCKLAND 1946
3. ALL LOT CONNECTIONS ARE 100NB PVC UNLESS SHOWN OTHERWISE.
4. MANHOLE INVERT LEVELS ARE LISTED CLOCKWISE FROM THE OUTLET PIPE.
5. ALL MANHOLES ARE 1050NB WITH STANDARD DUTY LIDS AND COVERS UNLESS SHOWN OTHERWISE. ALL STORMWATER PIPES 225NB AND OVER ARE RCRRJ CLASS 2 UNLESS SHOWN OTHERWISE EXCEPT FOR CATCHPIT LEADS WHICH ARE ALL CLASS 4. ALL CATCHPIT LEADS ARE 225NB UNLESS SHOWN OTHERWISE.
6. ALL CONCRETE PIPES AND STRUCTURES ARE MANUFACTURED BY HYNDS PIPES. ALL PLASTIC PIPES ARE MANUFACTURED BY MARLEY.

I, RYAN JAMES PITKETHLEY, CMENGNZ CPENG HEREBY BELIEVE ON ALL REASONABLE GROUNDS THAT THE PIPE SIZES, FITTINGS, POSITIONS, COORDINATES AND LEVELS SHOWN ARE ACCURATELY PLOTTED IN RELATION TO BOUNDARIES AND IS CORRECT AS THIS INFORMATION HAS BEEN PROVIDED BY THE CONTRACTOR OF THE WORKS - KERRY DINES LTD.

RYAN JAMES PITKETHLEY DATE
CMENGNZ CPENG

LEGEND

	MANHOLE		EX.MANHOLE
	OUTLET		EX.CATCHPIT
	CATCHPIT		EX.SW LINE
	SW LINE		



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MSS		

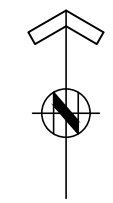
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CIVILPLAN CONSULTANTS
Level 3 AMI Building, 15 Osterley Way, Manukau City. Phone: 2222445

PROJECT TITLE:
**DFH JOINT VENTURE
HELENSLEE STAGE 11C SUBDIVISION
POKENO**

SHEET TITLE:
AS BUILT STORMWATER

ISSUE STATUS: **AS BUILT**
SCALE: (A1/A3) 0 20 40 60 80 100m
1:500 / 1:1000
DRAWING NUMBER: **128286-11C-AB400** REV:
C:\DATA\POKENO\HELENSLEE\STAGE 11\STAGE 11C\AS BUILT\HL11C-AB400.DWG



WASTEWATER COORDINATES
 MH=MANHOLE, BC=BLANK CAP
 CON=LOT CONNECTION

MHD1	760777.07	422442.87
BCD2	760778.29	422449.69
MHC1	760851.29	422488.18
MHC2	760923.51	422453.62
BCC3	760824.64	422501.19
BCF1	760868.89	422429.08
CON727	760779.42	422408.73
CON728	760780.72	422429.61
CON729	760782.25	422448.77
CON730	760829.99	422454.65
CON731	760817.88	422421.51
CON732	760821.70	422417.33
CON733	760835.67	422445.31
CON734	760864.47	422430.04
CON735	760843.92	422407.06
CON736	760859.79	422399.13
CON737	760873.82	422426.75
CON759	760904.59	422467.35
CON760	760885.10	422476.87
CON761	760867.36	422485.24
CON762	760853.62	422492.51
CON763	760843.24	422497.15
CON764	760826.70	422505.34

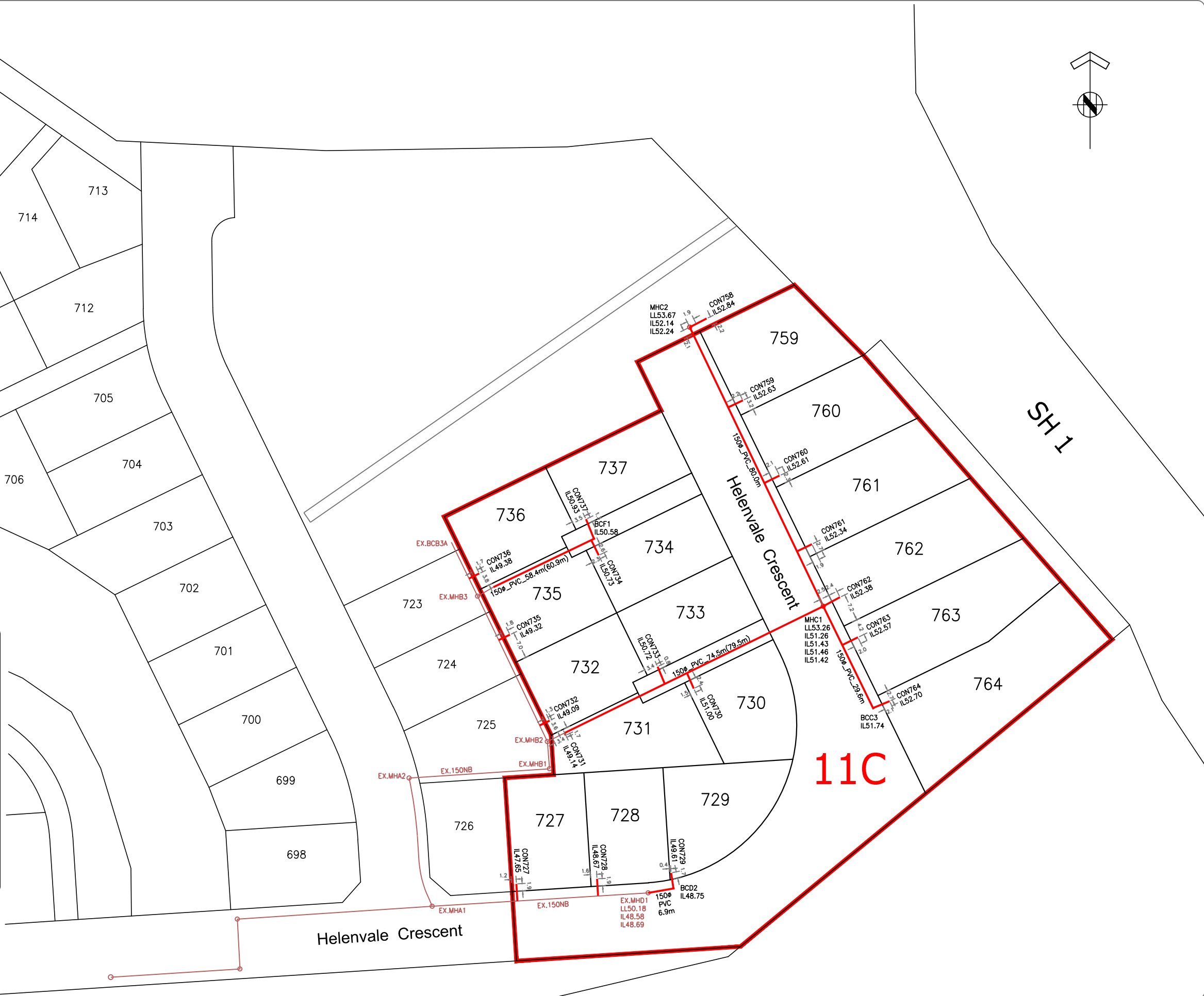
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 RYAN JAMES PITKETHLEY DATE
 CMENGNZ CPENG

- NOTES**
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 6. ALL PIPES ARE MANUFACTURED BY MARLEY AND MANHOLES BY HYNDS PIPES.

LEGEND

○	MANHOLE
—	WW LINE
○	EX.MANHOLE
—	EX.WW LINE



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PROJECT TITLE:
**DFH JOINT VENTURE
 HELENSLEE STAGE 11C SUBDIVISION
 POKENO**

SHEET TITLE:
AS BUILT WASTE WATER

ISSUE STATUS: **AS BUILT**

SCALE: (A1/A3)
 0 20 40 60 80 100m
 1:500 / 1:1000

DRAWING NUMBER: **128286-11C-AB401** REV:

Filepath: C:\DATA\POKENO\HELENSLEE\STAGE 11\STAGE 11C\AS BUILTS\HL11C-AB401.DWG