

STREET LIGHT DETAILS

TYPE A - 7.5m VICPOLE 125mm SQUARE SERIES COLUMN HOT DIPPED GALV, TWO PACT BLACK PAINT FINISH. CREE EDGE SQUARE SERIES T3M 40 WATT LED TYPE 3M OPTICS

LEGEND

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

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

I, MICHAEL STEPHEN SMITH, MIPENZ CPENG HEREBY BELIEVE ON ALL REASONABLE GROUNDS THAT THE LOCATIONS OF KERBS, CHANNELS, STREET LIGHTS AND FOOTPATHS 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.

 MICHAEL STEPHEN SMITH DATE
 MIPENZ CPENG

| | mN | mE | |
|-------|-----------|-----------|--------|
| SL102 | 758567.53 | 421570.74 | TYPE A |
| SL103 | 758515.50 | 421636.05 | TYPE A |
| SL104 | 758540.05 | 421681.05 | TYPE A |
| SL105 | 758571.86 | 421675.25 | TYPE A |
| SL106 | 758605.59 | 421636.49 | TYPE A |
| SL107 | 758576.10 | 421724.40 | TYPE A |
| SL108 | 758607.14 | 421746.29 | TYPE A |
| SL109 | 758618.87 | 421774.43 | TYPE A |

| REV | REVISION DETAILS | BY | DATE |
|-----|------------------|----|------|
| | | | |

PLOTTED: DATE: 07-22
 RJP
 DRAWN: DATE: 07-22
 RJP
 APPROVED: DATE: 07-22
 MSS

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CIVILPLAN
CONSULTANTS

Level 9, Laidlaw House, 20 Amersham Way, Manukau, Auckland. Phone: 09 222 2445

PROJECT TITLE:
**DFH JOINT VENTURE
 HITCHEN STAGE 16 SUBDIVISION
 POKENO**

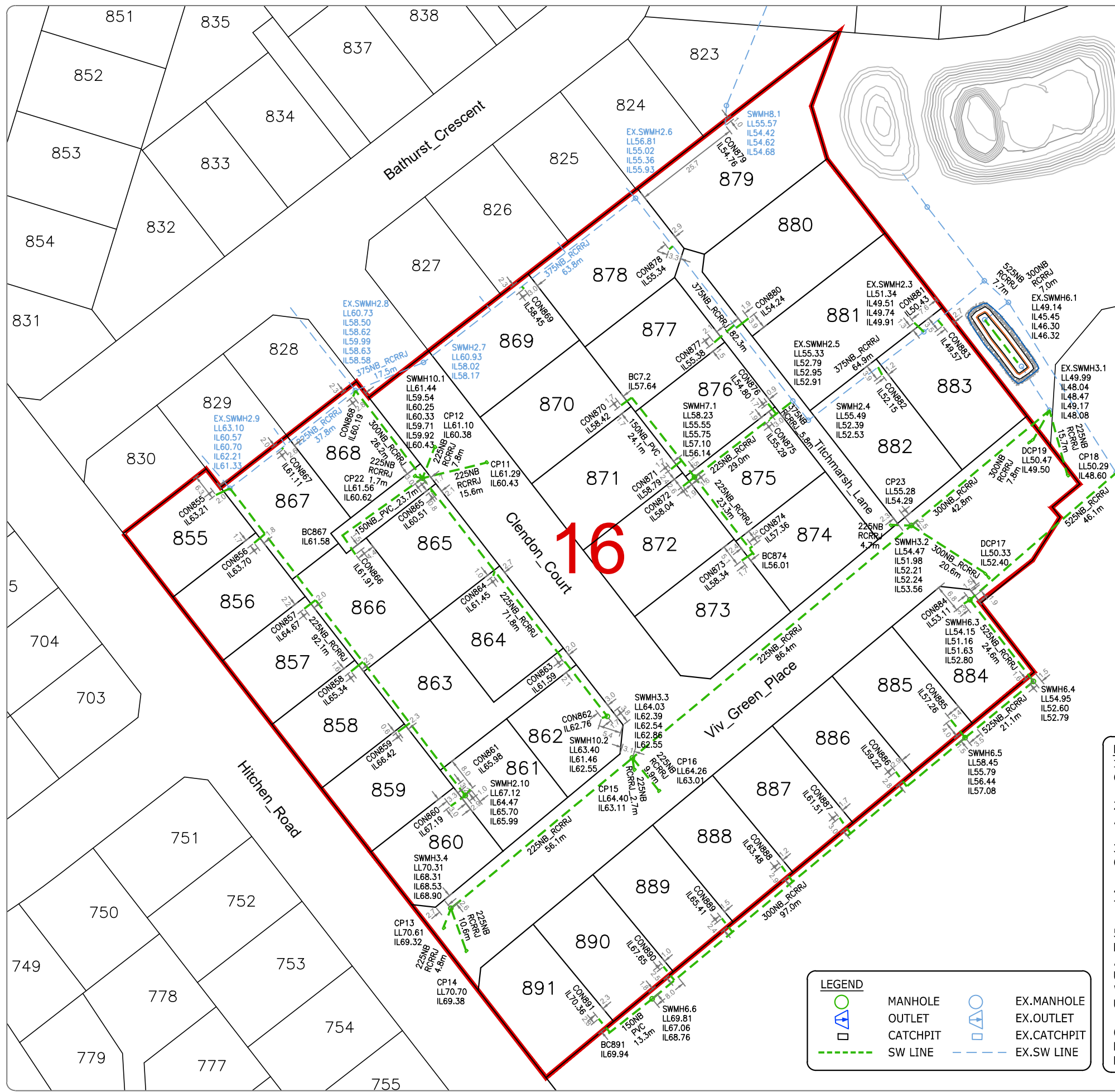
SHEET TITLE:
**AS BUILT
 ROADING**

ISSUE STATUS: **AS BUILT**

SCALE: (A1/A3) **1:500 / 1:1000**

SCALE BAR: 0 10 20 30 40 50m

DRAWING NUMBER: **126701-16-AB300** REV: **A**



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

| | | |
|--------|-----------|-----------|
| MH2.10 | 758538.65 | 421632.66 |
| MH3.2 | 758602.86 | 421738.84 |
| MH3.3 | 758547.59 | 421672.42 |
| MH3.4 | 758511.80 | 421629.23 |
| MH6.3 | 758585.21 | 421752.78 |
| MH6.4 | 758565.79 | 421767.92 |
| MH6.5 | 758552.40 | 421751.65 |
| MH6.6 | 758490.27 | 421677.14 |
| MH7.1 | 758614.41 | 421687.24 |
| BC7.2 | 758633.31 | 421672.27 |
| MH10.1 | 758614.16 | 421622.48 |
| MH10.2 | 758557.44 | 421666.49 |
| BC867 | 758600.42 | 421603.17 |
| BC874 | 758595.93 | 421701.44 |
| BC891 | 758482.04 | 421666.70 |

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

| | | |
|-------|-----------|-----------|
| CP11 | 758618.08 | 421637.95 |
| CP12 | 758621.47 | 421625.32 |
| CP13 | 758507.30 | 421627.44 |
| CP14 | 758501.53 | 421633.06 |
| CP15 | 758544.90 | 421672.82 |
| CP16 | 758539.59 | 421678.93 |
| DCP17 | 758591.57 | 421756.61 |
| CP18 | 758614.95 | 421776.29 |
| DCP19 | 758623.41 | 421767.58 |
| CP22 | 758614.85 | 421620.49 |
| CP23 | 758603.05 | 421734.13 |

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

| | | |
|--------|-----------|-----------|
| CON855 | 758610.17 | 421573.25 |
| CON856 | 758598.71 | 421582.36 |
| CON857 | 758583.14 | 421594.36 |
| CON858 | 758568.17 | 421605.43 |
| CON859 | 758553.84 | 421616.61 |
| CON860 | 758536.12 | 421629.15 |
| CON861 | 758540.15 | 421633.86 |
| CON862 | 758557.12 | 421665.11 |
| CON863 | 758570.25 | 421656.17 |
| CON864 | 758590.88 | 421639.31 |
| CON865 | 758610.92 | 421624.43 |
| CON866 | 758596.00 | 421606.48 |
| CON867 | 758621.04 | 421589.32 |
| CON868 | 758633.58 | 421605.96 |
| CON869 | 758659.19 | 421646.63 |
| CON870 | 758631.46 | 421669.72 |
| CON871 | 758616.30 | 421681.61 |
| CON872 | 758612.22 | 421684.45 |
| CON873 | 758594.54 | 421698.46 |
| CON874 | 758597.96 | 421701.03 |
| CON875 | 758627.80 | 421705.13 |
| CON876 | 758631.92 | 421704.69 |
| CON877 | 758646.43 | 421691.89 |
| CON878 | 758668.58 | 421681.16 |
| CON879 | 758698.06 | 421694.54 |
| CON880 | 758652.16 | 421700.10 |
| CON881 | 758651.16 | 421739.48 |
| CON882 | 758638.69 | 421731.88 |
| CON883 | 758650.37 | 421746.29 |
| CON884 | 758584.27 | 421751.31 |
| CON885 | 758556.69 | 421748.21 |
| CON886 | 758544.33 | 421735.13 |
| CON887 | 758533.39 | 421721.73 |
| CON888 | 758521.87 | 421707.91 |
| CON889 | 758509.45 | 421693.70 |
| CON890 | 758497.98 | 421679.81 |
| CON891 | 758485.57 | 421664.38 |

I, MICHAEL STEPHEN SMITH, MIPENZ 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.

 MICHAEL STEPHEN SMITH DATE
 MIPENZ CPENG

- 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.

LEGEND

| | | | |
|--|----------|--|-------------|
| | MANHOLE | | EX.MANHOLE |
| | OUTLET | | EX.OUTLET |
| | CATCHPIT | | EX.CATCHPIT |
| | SW LINE | | EX.SW LINE |

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| REV | REVISION DETAILS | BY | DATE |
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| RJP | 05-22 | |
| DATE: | 05-22 | |
| DRAWN: | DATE: | |
| RJP | 05-22 | |
| APPROVED: | DATE: | |
| MSS | 05-22 | |

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PROJECT TITLE:
**DFH JOINT VENTURE
 HITCHEN STAGE 16 SUBDIVISION
 POKENO**

SHEET TITLE:
**AS BUILT
 STORMWATER DRAINAGE**

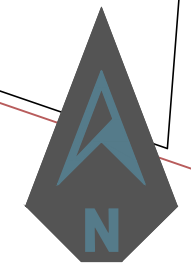
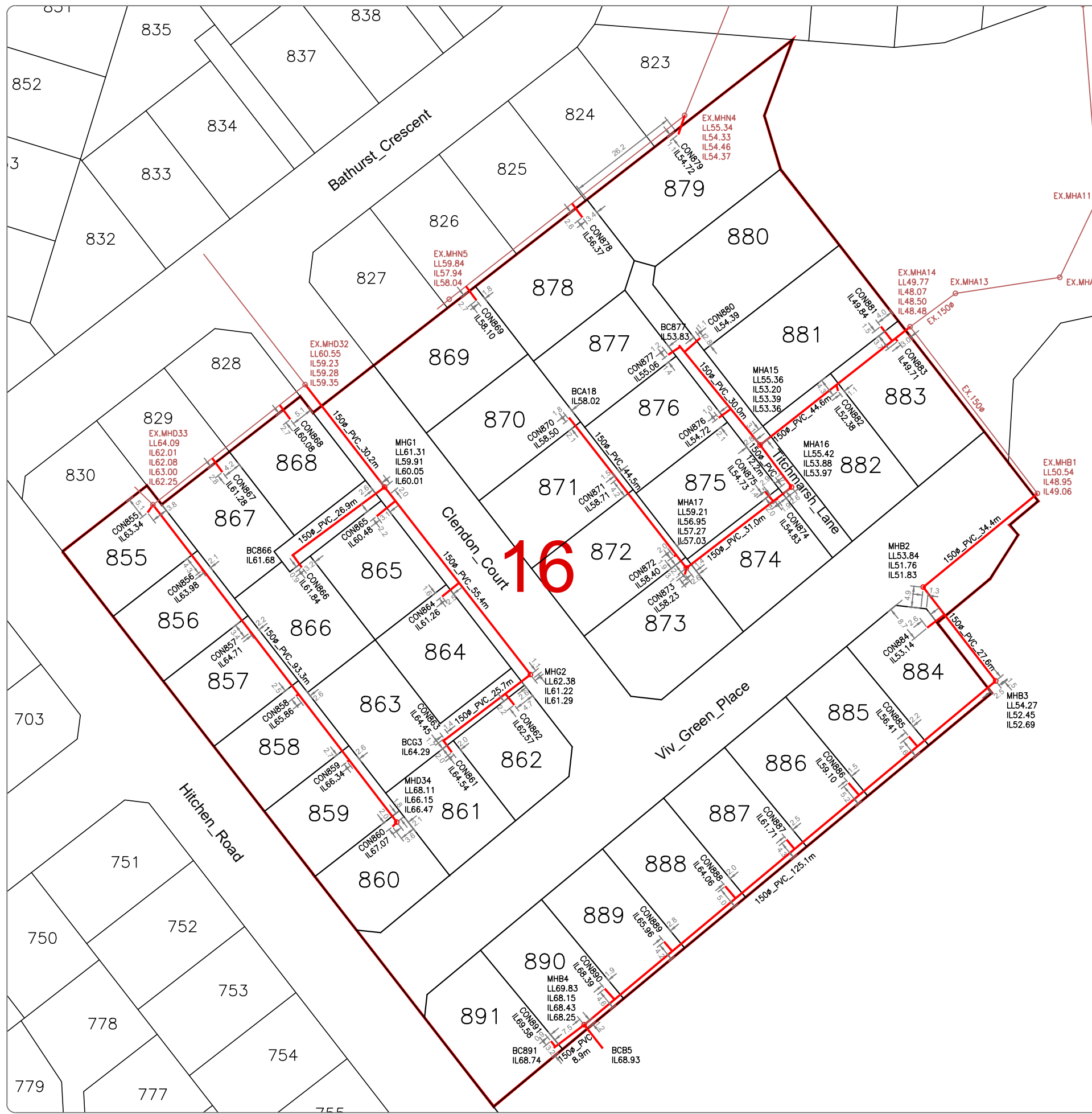
ISSUE STATUS: **AS BUILT**

SCALE: (A1/A3) **1:500 / 1:1000**

SCALE BAR: 0 10 20 30 40 50m

DRAWING NUMBER: **126701-16-AB400** REV: **A**

Filepath: P:\APPDATA\LOCAL\AUTODESK\C3D 2020\ENU\TEMPLATE C:\DATA\POKENO\HITCHEN STAGE 15\AS BUILT\126701-16-AB400.DWG



WASTEWATER COORDINATES

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

| | | |
|-------|-----------|-----------|
| MHA15 | 758625.80 | 421714.03 |
| MHA16 | 758616.01 | 421721.42 |
| MHA17 | 758597.14 | 421696.85 |
| BCA18 | 758632.23 | 421669.44 |
| MHB2 | 758592.66 | 421752.11 |
| MHB3 | 758570.79 | 421769.03 |
| MHB4 | 758490.62 | 421672.99 |
| BCB5 | 758485.09 | 421677.32 |
| MHD34 | 758537.86 | 421629.29 |
| MHG1 | 758615.99 | 421626.45 |
| MHG2 | 758572.27 | 421660.46 |
| BCG3 | 758556.70 | 421639.93 |
| BC866 | 758599.98 | 421604.78 |
| BC877 | 758649.09 | 421695.12 |
| BC891 | 758485.20 | 421665.87 |

WASTEWATER COORDINATES

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

| | | |
|--------|-----------|-----------|
| CON855 | 758610.04 | 421571.11 |
| CON856 | 758596.50 | 421583.73 |
| CON857 | 758582.01 | 421594.92 |
| CON858 | 758567.30 | 421605.77 |
| CON859 | 758551.96 | 421617.70 |
| CON860 | 758536.79 | 421628.24 |
| CON861 | 758554.12 | 421642.12 |
| CON862 | 758565.20 | 421656.67 |
| CON863 | 758557.39 | 421640.32 |
| CON864 | 758590.46 | 421639.80 |
| CON865 | 758609.19 | 421624.57 |
| CON866 | 758597.27 | 421607.11 |
| CON867 | 758619.47 | 421588.59 |
| CON868 | 758631.81 | 421604.40 |
| CON869 | 758659.54 | 421647.84 |
| CON870 | 758631.78 | 421669.40 |
| CON871 | 758617.84 | 421680.63 |
| CON872 | 758599.87 | 421693.92 |
| CON873 | 758595.61 | 421696.50 |
| CON874 | 758612.98 | 421718.13 |
| CON875 | 758615.04 | 421715.16 |
| CON876 | 758632.16 | 421704.35 |
| CON877 | 758646.85 | 421692.59 |
| CON878 | 758678.90 | 421672.57 |
| CON879 | 758698.24 | 421694.97 |
| CON880 | 758650.82 | 421700.10 |
| CON881 | 758653.32 | 421742.34 |
| CON882 | 758638.39 | 421732.22 |
| CON883 | 758650.01 | 421746.15 |
| CON884 | 758583.20 | 421753.03 |
| CON885 | 758557.88 | 421748.74 |
| CON886 | 758547.02 | 421734.65 |
| CON887 | 758533.83 | 421720.23 |
| CON888 | 758522.96 | 421705.91 |
| CON889 | 758510.01 | 421691.62 |
| CON890 | 758499.05 | 421677.77 |
| CON891 | 758486.81 | 421665.21 |

I, MICHAEL STEPHEN SMITH, 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.

MICHAEL STEPHEN SMITH DATE
CMENGNZ, CPENG

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

LEGEND

- MANHOLE
- WW LINE
- EX.MANHOLE
- EX.WW LINE

| REV | REVISION DETAILS | BY | DATE |
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PROJECT TITLE:
**DFH JOINT VENTURE
HITCHEN STAGE 16 SUBDIVISION
POKENO**

SHEET TITLE:
**AS BUILT
WASTE WATER DRAINAGE**

ISSUE STATUS: **AS BUILT**

SCALE: (A1/A3) **1:500 / 1:1000**

SCALE BAR: 0 10 20 30 40 50m

DRAWING NUMBER: **126701-16-AB401** REV: **A**

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