

TOWNSVILLE EARTHMOVING DO HEREBY CERTIFY THAT THE WORKS SHOWN ON THE 'AS CONSTRUCTED' DRAWINGS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE DRAWINGS AND CONTRACT DOCUMENTS APPROVED BY COUNCIL FOR THE CONSTRUCTION OF THE PROJECT.

AUTHORISED DELEGATE
DATE 16/12/20

PREMISE DO HEREBY CERTIFY THAT THE WORKS AS SHOWN ON THE 'AS CONSTRUCTED' DRAWINGS REFLECT ANY CHANGES THAT WERE MADE DURING THE COURSE OF CONSTRUCTION.

RPEQ
DATE 16/12/20

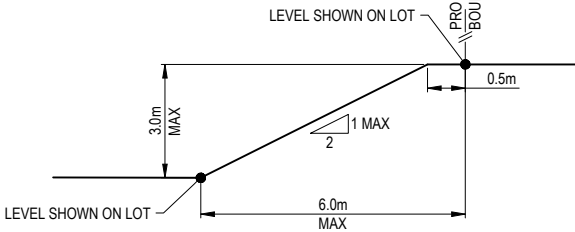
Q100 LEVELS

APPLETREE DRIVE	
CHAINAGE	LEVEL
448.863	26.64
460	26.69
480	26.74
500	26.79
520	26.84
540	26.88
560	26.93
580	27.00
600	27.52
608.976	27.82
622.376	28.76
640	30.13
656.209	31.56

ACCESS 1	
CHAINAGE	LEVEL
16.982	22.62
26.982	22.24
36.982	21.94
51.53	21.18

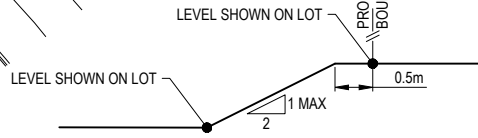
POMELO STREET	
CHAINAGE	LEVEL
299.5	17.12
311.77	17.35
320	17.48
340	17.78
360	17.87
380	17.97
400	18.27
420	18.57
440	18.87
460	19.15
480	19.59
500	20.09
520	20.69
540	21.54
560	22.63
565.996	22.99
580	23.98
600	25.55
620	27.13
626.982	27.51

TYPICAL BATTER AT REAR BOUNDARY



NTS

TYPICAL BATTER AT SIDE BOUNDARY



NTS

EARTHWORKS LEGEND

- ×6.32 CERTIFIED FINISHED ALLOTMENT LEVEL
- 6.32 DENOTES EXISTING ALLOTMENT LEVEL
- TOP OF BATTER
- BOTTOM OF BATTER
- INVERT OF DRAIN
- MAGNUMSTONE RETAINING WALL REFER MISCELLANEOUS DETAILS PLAN
- DIRECTION OF KERB & CHANNEL FLOW

EARTHWORKS NOTES

- ALL EARTHWORKS OPERATIONS UNDERTAKEN IN ACCORDANCE WITH THE PROJECT SPECIFICATION.
- ALLOTMENTS GRADED EVENLY BETWEEN LEVELS SHOWN.

0 10.0 20.0 30.0m
SCALE 1:500

Revisions			
No.	Date	Details	Check
A	16.12.20	Original Issue	GEO

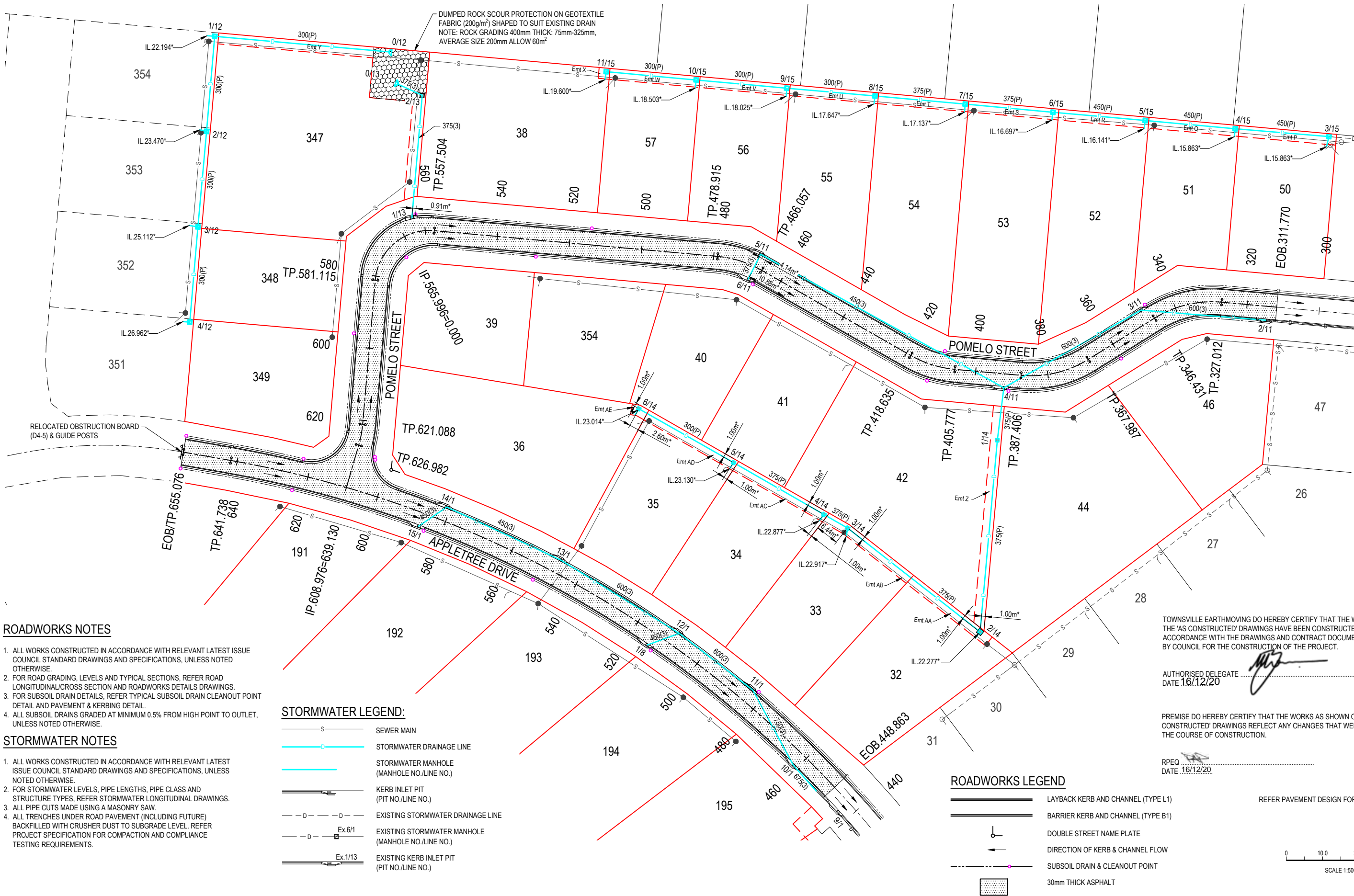
Level Datum: AHD (DERIVED)	
B.M. Used: OPM98041	
Coordinate Projection:	
Coordinate Datum:	
Origin of Coordinates: OPM98041	E: 62755.297
Meridian:	N: 94110.461
Map Reference:	
Contour Interval:	Surveyed by: BM
Job No: 27687-048-01	Drawn: MJM
File No: 27687_101A.dwg	Approved:

BRAZIER MOTTI PTY LTD (ACN 066 411 041), 595 Flinders Street,
Townsville hereby certify that this Drawing accurately and correctly
describes and records the nature and location of the works depicted by
asterisks (*) and that they have been constructed for subdivision.



Client: ELEMENTS NQ PTY LTD	
Project: AS CONSTRUCTED - THE ORCHARD 2A1, 2B & 2C1 DARLING ROAD, JENSEN EARTHWORKS LAYOUT PLAN	
Local Authority: Townsville City Council	Locality:

Date: 16th December, 2020	Sheet 1 of 1 Sheets
Scale: AS SHOWN	A1
Plan No: 27687/101 A	
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ROADWORKS NOTES

1. ALL WORKS CONSTRUCTED IN ACCORDANCE WITH RELEVANT LATEST ISSUE COUNCIL STANDARD DRAWINGS AND SPECIFICATIONS, UNLESS NOTED OTHERWISE.
2. FOR ROAD GRADING, LEVELS AND TYPICAL SECTIONS, REFER ROAD LONGITUDINAL/CROSS SECTION AND ROADWORKS DETAILS DRAWINGS.
3. FOR SUBSOIL DRAIN DETAILS, REFER TYPICAL SUBSOIL DRAIN CLEANOUT POINT DETAIL AND PAVEMENT & KERBING DETAIL.
4. ALL SUBSOIL DRAINS GRADED AT MINIMUM 0.5% FROM HIGH POINT TO OUTLET, UNLESS NOTED OTHERWISE.

STORMWATER NOTES

1. ALL WORKS CONSTRUCTED IN ACCORDANCE WITH RELEVANT LATEST ISSUE COUNCIL STANDARD DRAWINGS AND SPECIFICATIONS, UNLESS NOTED OTHERWISE.
2. FOR STORMWATER LEVELS, PIPE LENGTHS, PIPE CLASS AND STRUCTURE TYPES, REFER STORMWATER LONGITUDINAL DRAWINGS.
3. ALL PIPE CUTS MADE USING A MASONRY SAW.
4. ALL TRENCHES UNDER ROAD PAVEMENT (INCLUDING FUTURE) BACKFILLED WITH CRUSHER DUST TO SUBGRADE LEVEL. REFER PROJECT SPECIFICATION FOR COMPACTION AND COMPLIANCE TESTING REQUIREMENTS.

STORMWATER LEGEND:

- S — SEWER MAIN
- D — STORMWATER DRAINAGE LINE
- M — STORMWATER MANHOLE (MANHOLE NO./LINE NO.)
- K — KERB INLET PIT (PIT NO./LINE NO.)
- E — EXISTING STORMWATER DRAINAGE LINE
- M — EXISTING STORMWATER MANHOLE (MANHOLE NO./LINE NO.)
- K — EXISTING KERB INLET PIT (PIT NO./LINE NO.)

ROADWORKS LEGEND

- L — LAYBACK KERB AND CHANNEL (TYPE L1)
 - B — BARRIER KERB AND CHANNEL (TYPE B1)
 - D — DOUBLE STREET NAME PLATE
 - F — DIRECTION OF KERB & CHANNEL FLOW
 - S — SUBSOIL DRAIN & CLEANOUT POINT
 - A — 30mm THICK ASPHALT
- REFER PAVEMENT DESIGN FOR DETAILS

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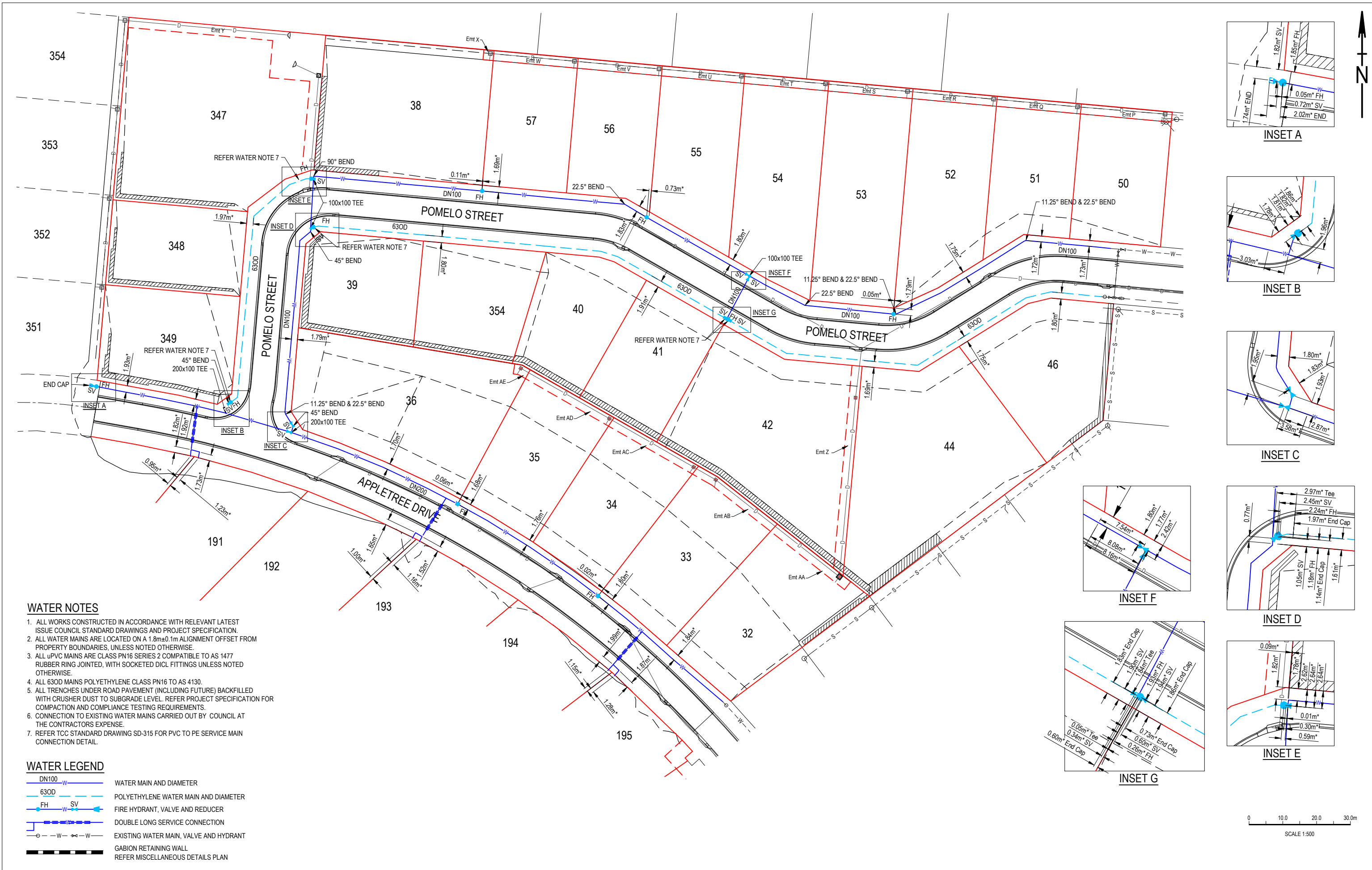
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Client: ELEMENTS NQ PTY LTD	
Project: AS CONSTRUCTED - THE ORCHARD 2A1, 2B & 2C1 DARLING ROAD, JENSEN ROADWORKS AND STORMWATER DRAINAGE PLAN	
Local Authority: Townsville City Council	Locality:

Date: 16th December, 2020	Sheet 1 of 1 Sheets
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Plan No: 27687/102 A	
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WATER NOTES

1. ALL WORKS CONSTRUCTED IN ACCORDANCE WITH RELEVANT LATEST ISSUE COUNCIL STANDARD DRAWINGS AND PROJECT SPECIFICATION.
2. ALL WATER MAINS ARE LOCATED ON A 1.8m±0.1m ALIGNMENT OFFSET FROM PROPERTY BOUNDARIES, UNLESS NOTED OTHERWISE.
3. ALL uPVC MAINS ARE CLASS PN16 SERIES 2 COMPATIBLE TO AS 1477 RUBBER RING JOINTED, WITH SOCKETED DICT FITTINGS UNLESS NOTED OTHERWISE.
4. ALL 630D MAINS POLYETHYLENE CLASS PN16 TO AS 4130.
5. ALL TRENCHES UNDER ROAD PAVEMENT (INCLUDING FUTURE) BACKFILLED WITH CRUSHER DUST TO SUBGRADE LEVEL. REFER PROJECT SPECIFICATION FOR COMPACTION AND COMPLIANCE TESTING REQUIREMENTS.
6. CONNECTION TO EXISTING WATER MAINS CARRIED OUT BY COUNCIL AT THE CONTRACTORS EXPENSE.
7. REFER TCC STANDARD DRAWING SD-315 FOR PVC TO PE SERVICE MAIN CONNECTION DETAIL.


WATER LEGEND


- DN100 WATER MAIN AND DIAMETER
- 630D POLYETHYLENE WATER MAIN AND DIAMETER
- FH SV FIRE HYDRANT, VALVE AND REDUCER
- DOUBLE LONG SERVICE CONNECTION
- EXISTING WATER MAIN, VALVE AND HYDRANT
- GABION RETAINING WALL
- REFER MISCELLANEOUS DETAILS PLAN

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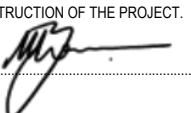
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
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Project: AS CONSTRUCTED - THE ORCHARD 2A1, 2B & 2C1 DARLING ROAD, JENSEN WATER RETICULATION PLAN	
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