

# **NGA ROW Scoping Document V5.4**

**conducted for**

# **127520**

**Address**

3-24C Renlee Place Howick

**Prepared by:**

Piet Afrikaner

14/11/17

**Completed on**

14/11/17, 12:29 PM

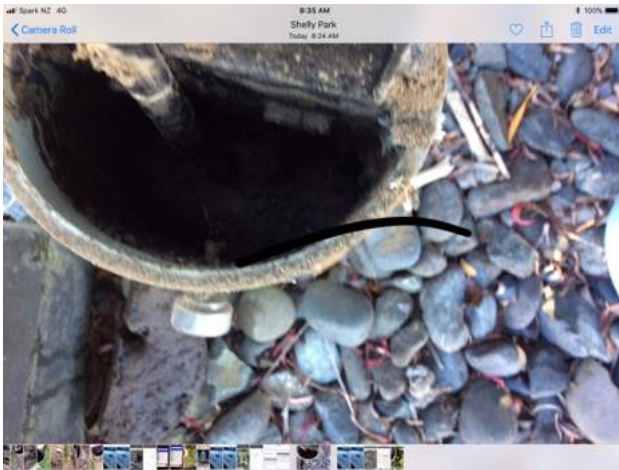
## Audit

Question	Response	Details
<b>Customer / Job Details</b>		
Customer or requester was available at the time of scope?	Yes	
<b>ROW Scope Check List &amp; Decision Tree</b>		
Connection Type	Residential	
How many houses down this ROW	15	
MDU/ROW Class 3		
Clearly mention all House numbers in the ROW	3,5,7,8,9,10,11,12,13,14,15,16,17,24B & 24C	
Select Main ROW Build Methodology	Surface Mount: N-ROW3,	
Explain why? Have you considered the lowest impacting route? Are the transitions between surfaces possible, can the bending radius be maintained etc.	Surfaces suitable	
Terminal installation required? (e.g IFDB. OFDCs, RATs etc)	Yes	
Type of terminal? (e.g IFDB. OFDCs, RATs etc)	3xIFDB	
Aerial copper/fibre route available for Houses in ROW/MDU?	N/A	
Check for existing ducts. Existing ducts available? Visually check ducts at drop off location, hand holes, pits, ETPs and take pictures for record.	No	No ducts found.Only 20mm ducts from pillars to houses
Fence available and suitable to build the new fibre infrastructure (e.g ruggedized duct, 20mm/32mm HDPE ducts)?	Yes	
Fence Type	Wooden	
Soft surface available for trenching and installing new fibre infrastructure?	Yes	
Drive way/ walk way available and suitable for micro trench?	Yes	

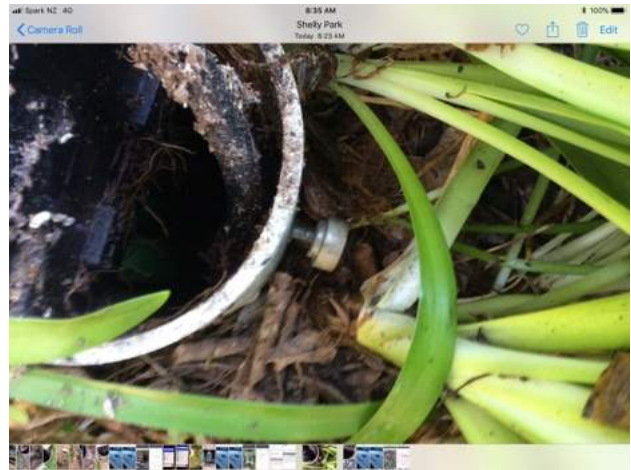
Question	Response	Details
Type of surface	Concrete	
Drilling/hard surface trenching required for new fibre infrastructure?	N/A	
<b>Scoping Details</b>		
NETMAP view available in job pack identifying the drop off location?	Yes	
Drop off located as per NETMAP?	No	
Takes photos as required for possible drop off options, provide frontage & reinstatement measurements to consider new drop off lateral.		
<p>Step by step description of build. Format x-y, activity, distance, infrastructure; e.g. 1-2, T in grass 5m, 3xR</p> <p>Key: H -haul; SM – Surface mount; MT - microtrench; T - trench; LL - lift &amp; lay; R - ruggedized; D - duct; FF - Fixed Fibre; G – Grass; GD – Garden; CS – Cobbles; S – Seal; C - concrete</p>	<p>1, connect 3xR</p> <p>1-2, ISB, T, G, 1.3m &amp; MT, C, 27m, 3xR</p> <p>2-3, ISB, T, GD, 1.3m &amp; SM in 20mm D, fence, 36m, 3xR</p> <p>3-4, ISB, T, G, 1m &amp; MT, C, 7.5m, 3xR</p> <p>4-5, ISB, SM in 20mm D, retaining wall, 27m, 3xR</p> <p>5-6, ISB, MT, C, 4m &amp; T, G, 1.5m, 3xR</p> <p>6-7, ISB, MT, C, 5.5m &amp; T, G, 1.2m, 1xR</p> <p>7-8, ISB, SM, retaining wall, 25m, 2xR</p> <p>8, drop off for #5</p> <p>8-9, ISB, MT, C, 3.7m, 1xR</p> <p>9, drop off for #3</p> <p>7-10, ISB, SM in 20mm D, retaining wall, 27.7m, 3xR</p> <p>10, install IFDB</p> <p>10, drop off for #7</p> <p>10-11, ISB, T, GD, 1.4m &amp; MT, C, 14m, 3xR</p> <p>11-12, ISB, T, GD, 16.8m, 3xR</p> <p>12, drop off for #9</p> <p>12-13, ISB, T, GD, 3.2m &amp; MT, C, 11.3m, 2xR</p> <p>13, drop off for #13</p> <p>13-14, ISB, T, G, 11.9m, 1xR</p> <p>14, drop off for #11</p> <p>6-15, ISB, SM, retaining wall, 77m, 2xR</p> <p>15, install IFDB</p> <p>15, drop off for #24B&amp;C</p> <p>15-16, ISB, T, G, 1.2m &amp; MT, C, 3.1m, 1xR</p> <p>16, install IFDB</p> <p>16, drop off for #12&amp;14</p> <p>16-17, ISB, MT, C, 10m &amp; T, GD, 9.4m, 3xR</p> <p>17, drop off for #16</p> <p>17-18, ISB, MT, C, 9.8m &amp; T, G, 17.1m, 2xR</p> <p>18-19, ISB, MT, C, 10.2m &amp; T, GD, 8.7m, 2xR</p> <p>19, drop off for #15&amp;17 (req)</p> <p>15-20, ISB, SM, retaining wall, 30.6m, 2xR</p> <p>20, drop off for #8</p> <p>20-21, ISB, T, G, 1m &amp; MT, C, 3.4m, 1xR</p> <p>21, drop off for #10 (req)</p>	

Question	Response	Details
Extensive outside boundary work required? (e.g creation of new drop off, extending existing drop off, extending pole to boundary network)	No	
Add Aerial view for planned work		
Add photos for design. Blue - existing; Red - build; Purple - future or for provisioning.		
Will the ROW be serviced via ABF, fixed fibre or aerially?	Air Blown Fibre	
Other requirements? I.e TMP, Arborist	No	
Additional Notes		
<b>Health, Safety and Environmental Issues</b>		
Have existing utility corridors been considered using on site observations & plans as part of the scope?	Yes	
Build work in close proximity to HV Electricity or HP gas equipment?	Yes	
Working at heights?	No	
Dogs on site?	No	
Unprotected edge? e.g. Trench, depression or waterway	No	
Enter further notes for HS&E risk elimination or mitigation, e.g chemicals or asbestos, confined spaces, gas detection requirements etc.		

# Media



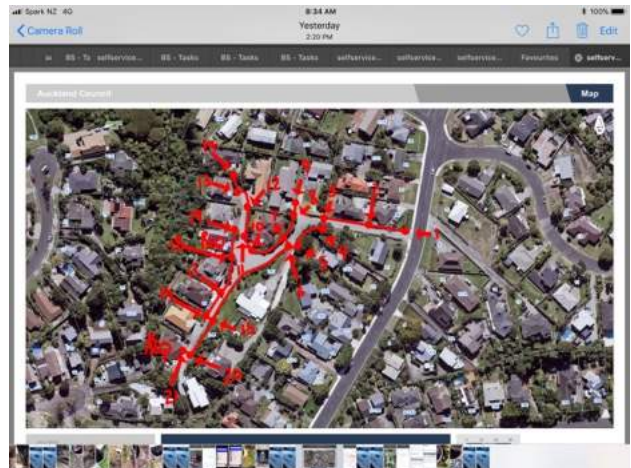
Appendix 1



Appendix 2



Appendix 3



Appendix 4





Appendix 5



Appendix 6



Appendix 7



Appendix 8



Appendix 9



Appendix 10

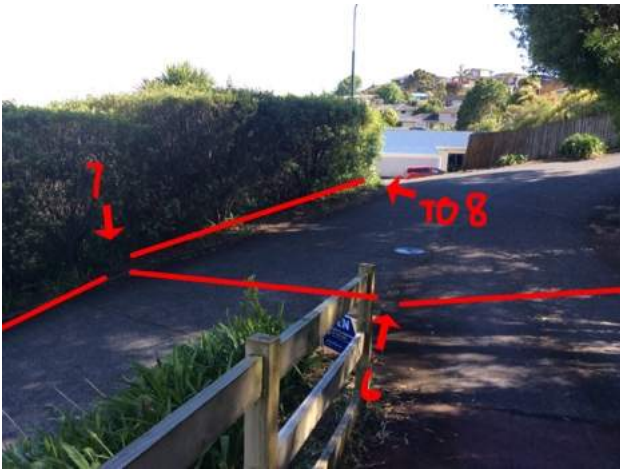


Appendix 11



Appendix 12





Appendix 13



Appendix 14



Appendix 15



Appendix 16





Appendix 17



Appendix 18



Appendix 19



Appendix 20



Appendix 21



Appendix 22



Appendix 23



Appendix 24





Appendix 25



Appendix 26



Appendix 27



Appendix 28



Appendix 29



Appendix 30



Appendix 31



Appendix 32





### Appendix 33