Ryan O'Leary

From: Barry Sanders <Barry.Sanders@gdc.govt.nz>
Sent: Tuesday, 20 September 2022 11:52 AM
To: Ryan O'Leary
Subject: Ranfurly Street - Crawford Road flood design reference

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

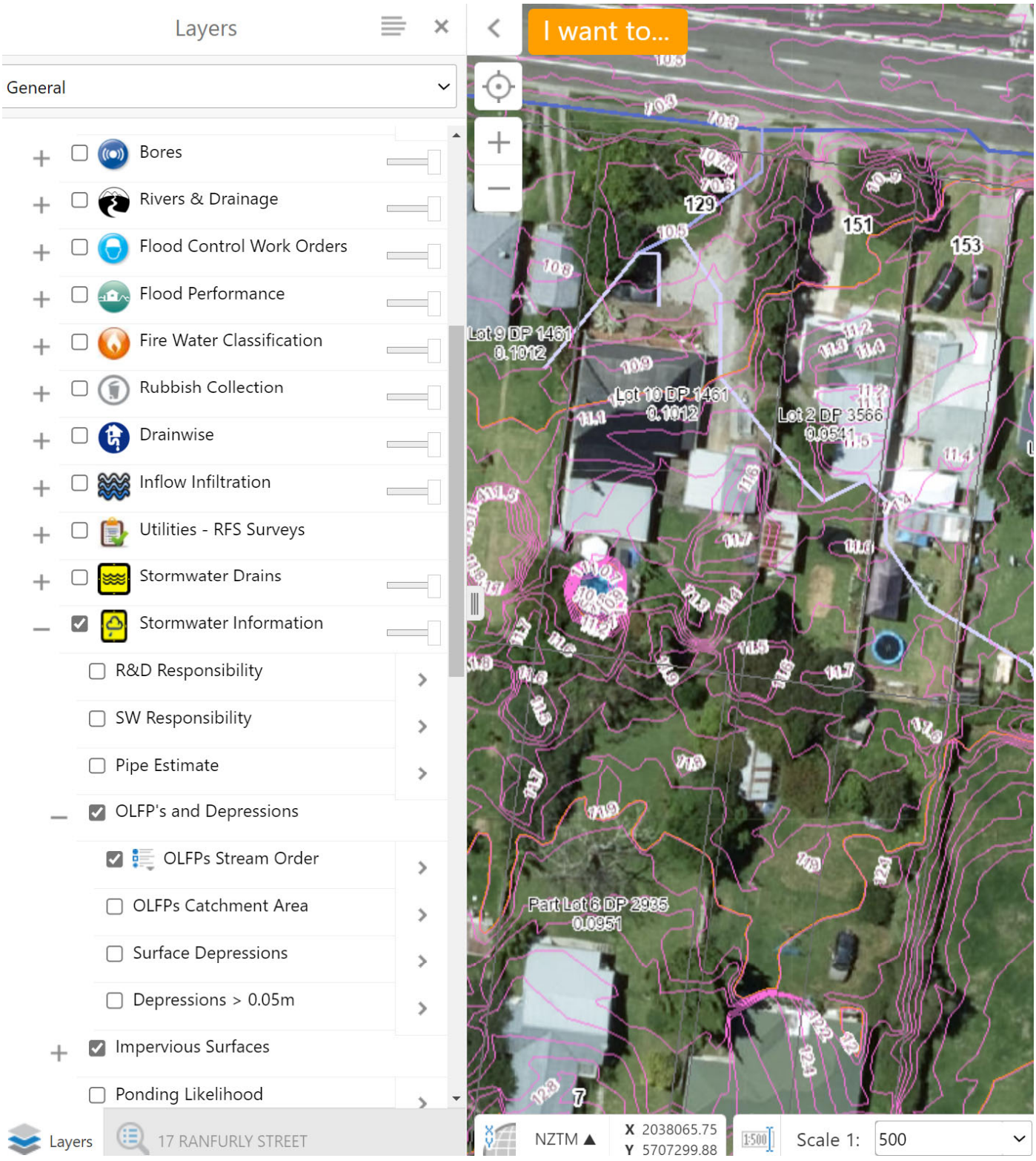
Brian, my apologies for not forwarding this information earlier. Below is the flood hazard layer - F7 and further down our Rain on Grid ponding for the 2%AEP storm - with advice for finished floor heights.

F7 flood hazard layer – Rules are finished floor to be

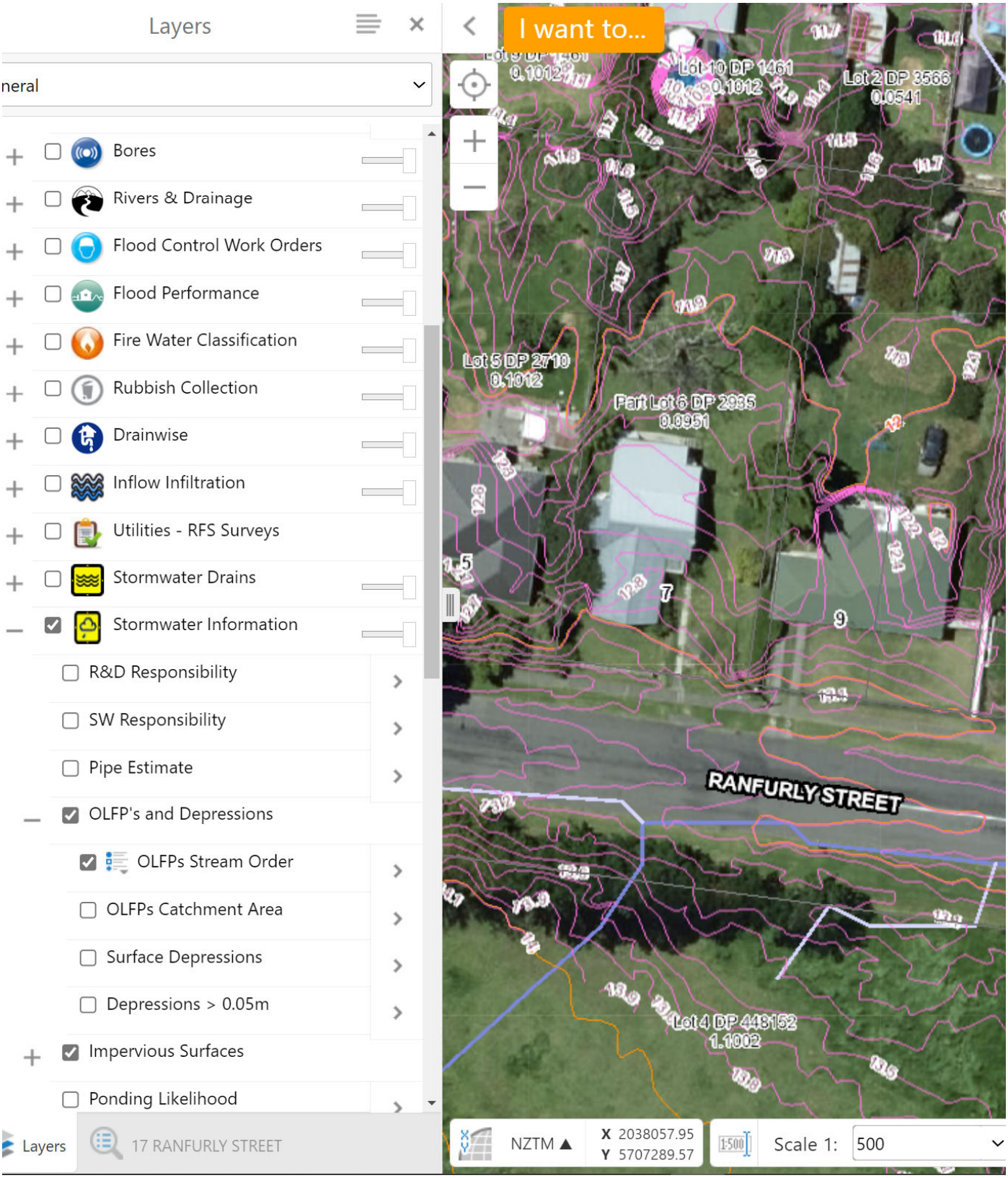
- 300mm above ground level
- 200mm above 1977 and/or 1985 flood level (1977 flood looks to be approx. 12.5m contour)
- 200mm freeboard above adjacent road crown, footpath or ground acting as a hydraulic control weir. (Barton and Crawford should be used – ground seems to slope to the north from Ranfurly - therefore I would not consider Ranfurly as a barrier to stormwater from within your property).


I want to...
ACCESSWAY
Urban Floodways
F9
Lot 1 DP 5740
0.0708
Lot 1 DP 309
0.5059
RANFURLY STREET
QUEENS DRIVE
Lot 4 DP 448152
1.1002

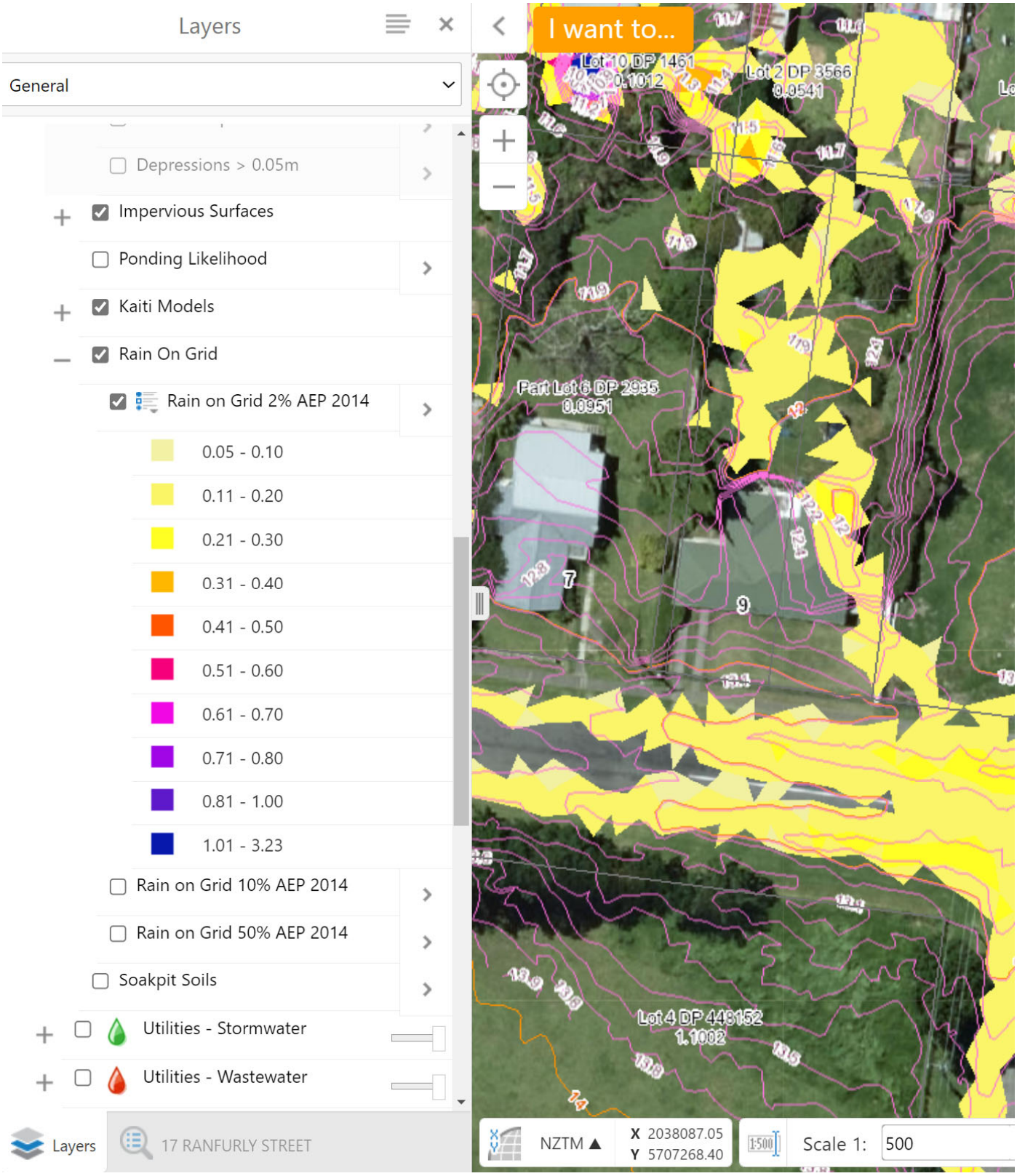
Overland flow paths and 100mm contours 1/2



Overland flow path and 100mm contours – 2/2



Rain on Grid 2%AEP - finished floor levels 300mm above any ponding level in area of any building.



Barry Sanders | Development Engineer | Gisborne District Council
email Barry.Sanders@gdc.govt.nz | **ph** +64 6 867 2049
address 15 Fitzherbert Street, PO Box 747, Gisborne 4010 | **url** www.gdc.govt.nz

Te Kaunihera o Te Tairāwhiti GISBORNE DISTRICT COUNCIL
YOUR VOTE. YOUR VOICE.
KARANGATIA RĀ 2022 // WWW.GDC.GOVT.NZ
VOTE 2022 LOCAL ELECTIONS