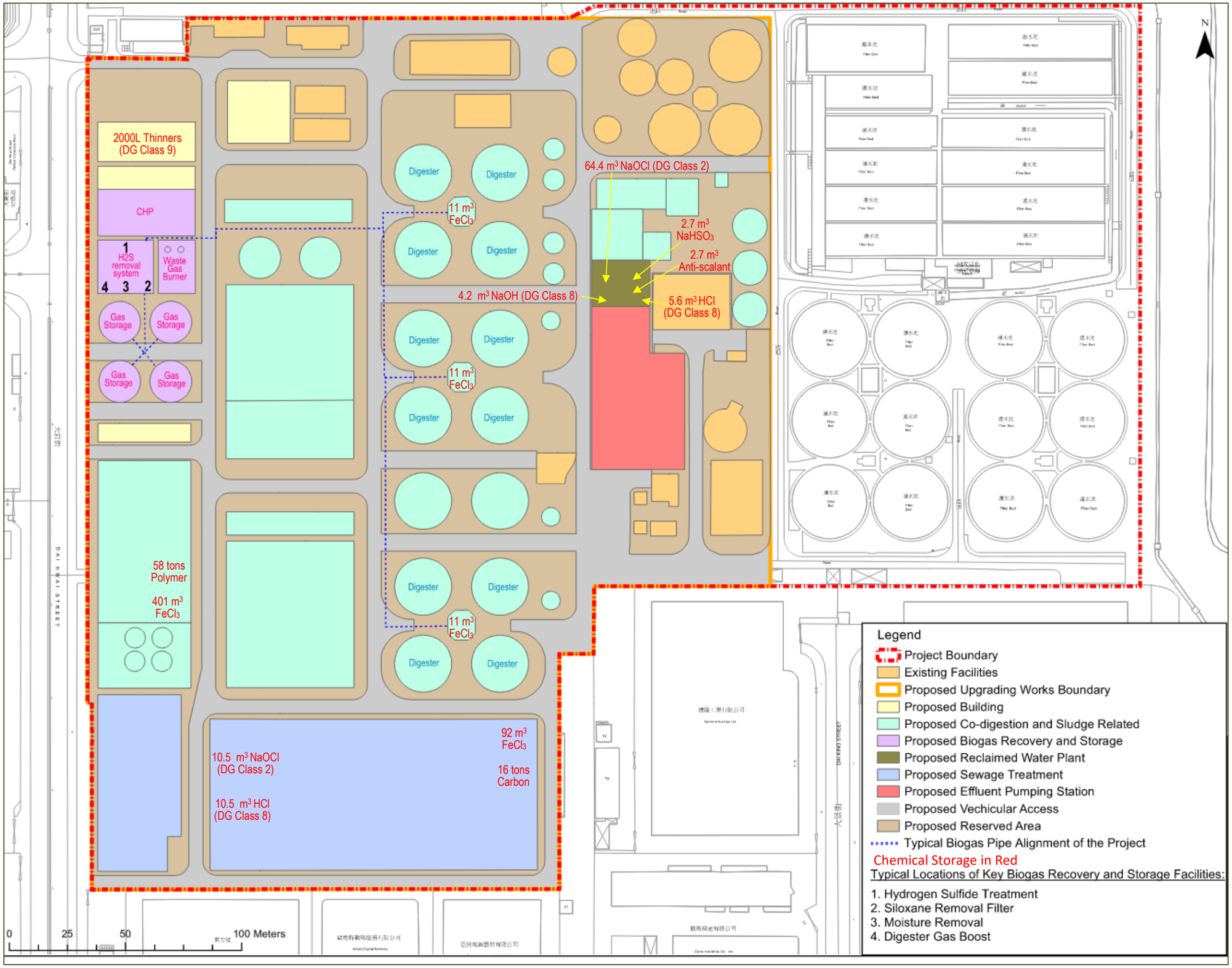
2000L Thinners (DG Class 9)
CHP
1 H2S removal system
Waste Gas Burner
4 3 2
Gas Storage
Gas Storage
Gas Storage
Gas Storage
58 tons Polymer
401 m³ FeCl₃
Digester
11 m³ FeCl₃
64.4 m³ NaOCl (DG Class 2)
2.7 m³ NaHSO₃
2.7 m³ Anti-scalant
4.2 m³ NaOH (DG Class 8)
5.6 m³ HCl (DG Class 8)
10.5 m³ NaOCl (DG Class 2)
10.5 m³ HCl (DG Class 8)
92 m³ FeCl₃
16 tons Carbon
DAI KWAI STREET
0 25 50 100 Meters
N
Legend
Project Boundary
Existing Facilities
Proposed Upgrading Works Boundary
Proposed Building
Proposed Co-digestion and Sludge Related
Proposed Biogas Recovery and Storage
Proposed Reclaimed Water Plant
Proposed Sewage Treatment
Proposed Effluent Pumping Station
Proposed Vechicular Access
Proposed Reserved Area
Typical Biogas Pipe Alignment of the Project
Chemical Storage in Red
Typical Locations of Key Biogas Recovery and Storage Facilities:
1. Hydrogen Sulfide Treatment
2. Siloxane Removal Filter
3. Moisture Removal
4. Digester Gas Boost

BINNIES