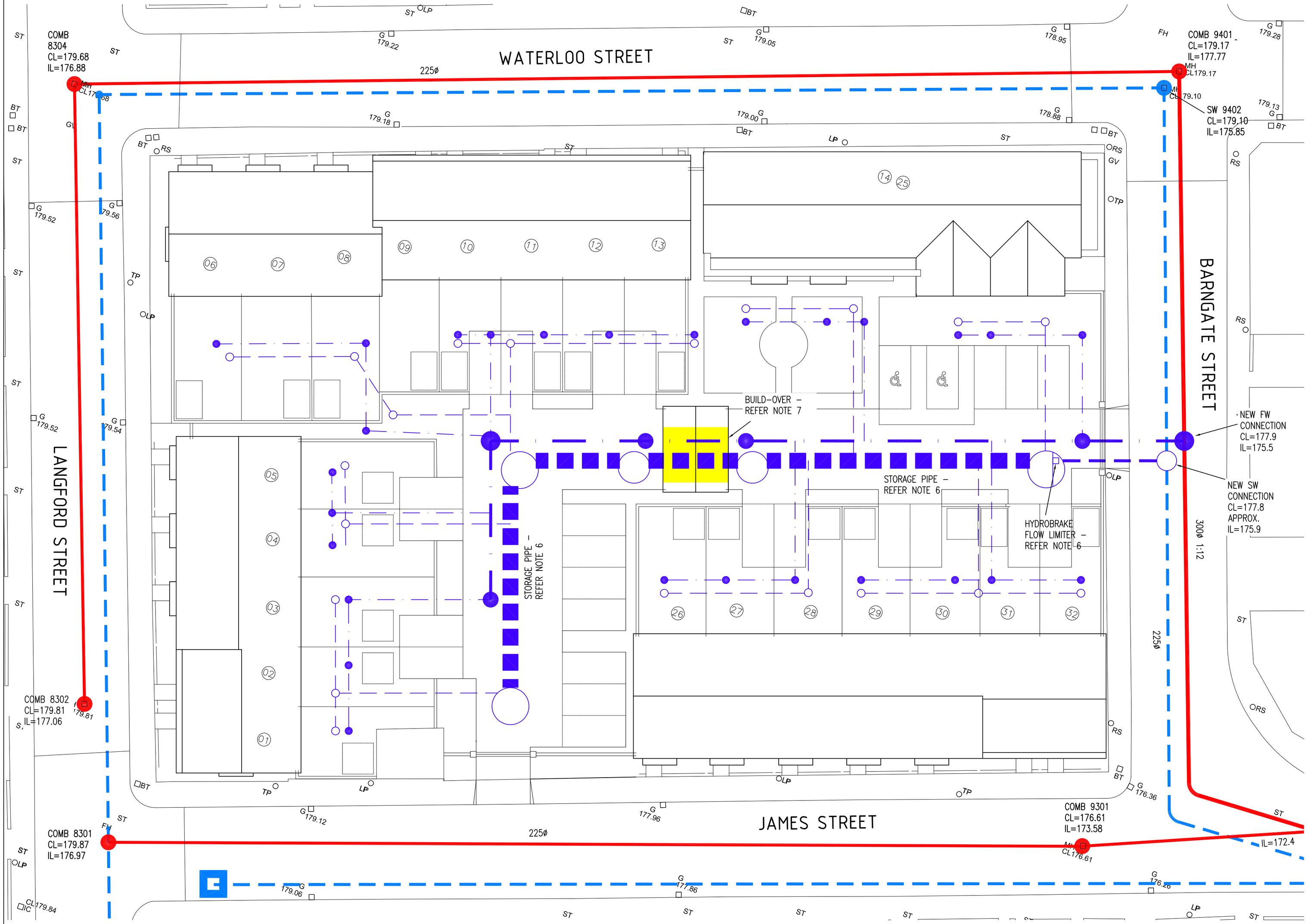

NOTE.

1. THIS DRAWING IS BASED ON BNA DEVELOPMENT LAYOUT 1600-SP.

2. CONNECTION TO EXISTING SEVERN TRENT WATER SEWERS AS SHOWN AS AGREED IN PRINCIPLE WITH STW IN JANUARY 2013.

3. DRAINAGE TO BE SEPARATE SYSTEMS ON-SITE.

4. PROPOSED DRAINAGE IS SHOWN TO CONNECT TO EXISTING STW SEWERS IN BARNGATE STREET.

5. THE PROPOSED LAYOUT IS BASED ON PRELIMINARY DEVELOPMENT LAYOUT AND SEWER LEVELS AS MEASURED BY LANES FOR DRAINS IN MARCH 2013.

6A. SURFACE WATER DISCHARGE LIMIT WILL DEPEND ON PROVING EXISTING DISCHARGE FROM FACTORY TO THE SEWERS. IF THIS CANNOT BE PROVEN SURFACE WATER TO BE LIMITED UP TO 5l/s.

6B. STW MAY ACCEPT A HIGHER LIMIT OR UNRESTRICTED FLOW TO DISCHARGE TO THE SEWER AS THE PREVIOUS FACTORY HAD AN INDIRECT SURACE WATER DISCHARGE TO THE SEWERS.

6C. 5l/s LIMIT WOULD REQUIRE APPROXIMATELY 54m3 STORAGE OR 1.2m DIAMETER STORAGE PIPES AS SHOWN ON PLAN.

7. SPECIAL MEASURES INCLUDING DESIGNING THE BIKE/BIN STORE TO SPAN OVER THE SEWERS AND PROVISION OF ADDITIONAL ACCESS CHAMBERS WILL BE REQUIRED FOR A STRUCTURE IN THIS LOCATION. A BUILD-OVER AGREEMENT WILL BE REQUIRED FROM STW. IF A BUILD-OVER AGREEMENT IS NOT ACCEPTABLE TO STW, AN ALTERNATIVE DRAINAGE ARRANGEMENT CAN BE DESIGNED.

KEY

- EXISTING SEVERN TRENT SURFACE WATER SEWER
- EXISTING SEVERN TRENT COMBINED SEWER
- PROPOSED SURFACE WATER CONNECTION TO SEWER
- PROPOSED FOUL WATER CONNECTION TO SEWER

N

SCALE 0 10m

PRELIMINARY

REV	REVISIONS	BY	CHKD	DATE
A	REVISED TO SUIT BNA LAYOUT 110A	AT		12.4.13

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a.r.j. associates
consulting structural and civil engineers
The Technology Centre, Inward Way, Rossmore Business Park, Ellesmere Port, Cheshire, CH65 3EN
Tel. 0151-348-8030 Fax. 0151-348-8029
email – info@arjassociates.co.uk

CLIENT: RENEW LAND

PROJECT: FORMER SLIMMA FACTORY, JAMES STREET LEEK, ST13 8BQ

Title: DRAINAGE STRATEGY

DRAWN: AT | CHECKED: RJ

SCALE: 1:200 @A2 | DATE: FEB 13

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