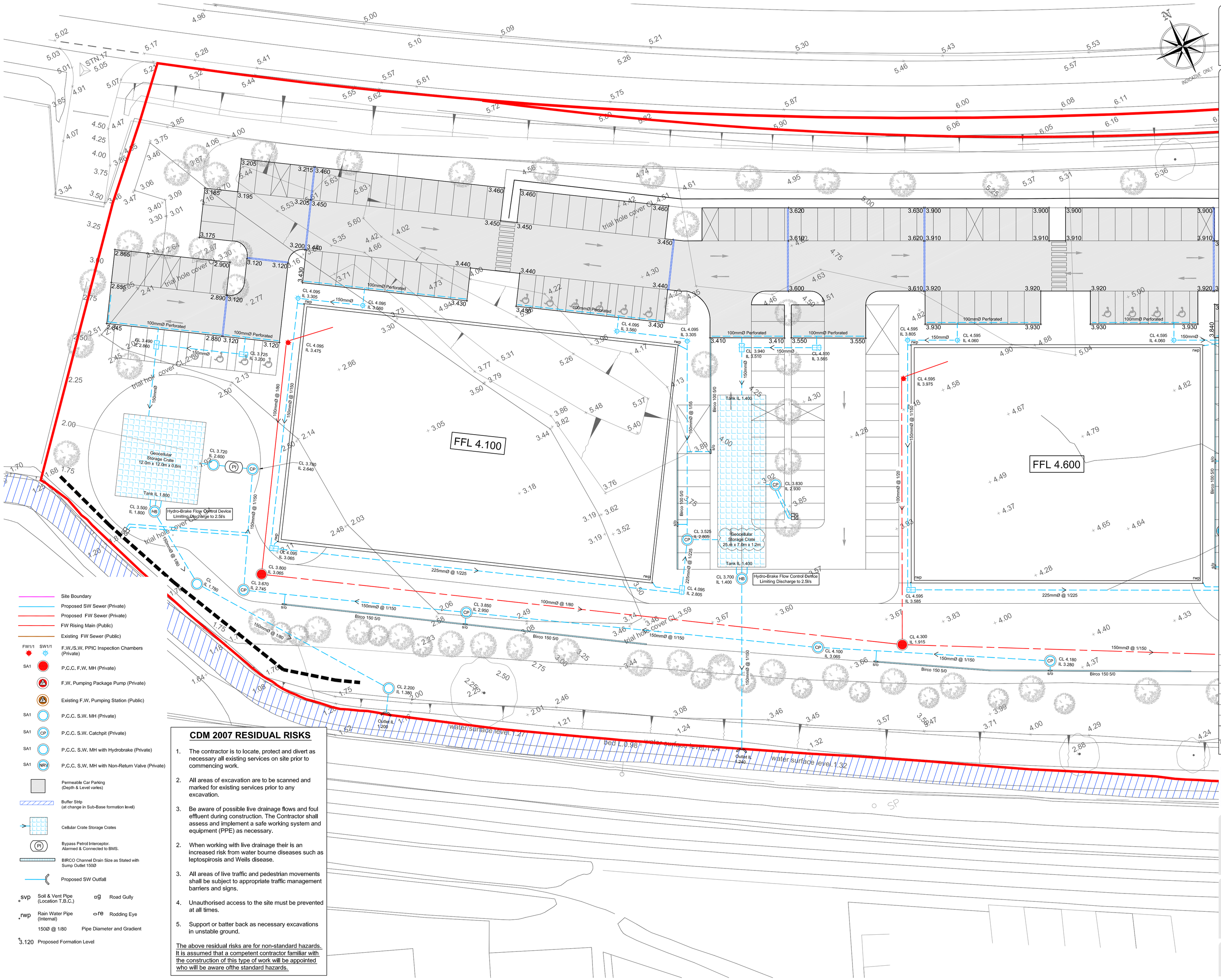
Appendix 2

Store Properties Investments Ltd Drainage Proposals



Site Boundary
Proposed SW Sewer (Private)
Proposed FW Sewer (Private)
FW Rising Main (Public)
Existing FW Sewer (Public)
FW/1 SW1/1 F.W./S.W. PPIC Inspection Chambers (Private)
SA1 P.C.C. F.W. MH (Private)
F.W. Pumping Package Pump (Private)
Existing F.W. Pumping Station (Public)
SA1 P.C.C. S.W. MH (Private)
SA1 CP P.C.C. S.W. Catchpit (Private)
SA1 P.C.C. S.W. MH with Hydrobrake (Private)
SA1 NRV P.C.C. S.W. MH with Non-Return Valve (Private)
Permeable Car Parking (Depth & Level varies)
Buffer Strip (at change in Sub-Base formation level)
Cellular Crate Storage Crates
PI Bypass Petrol Interceptor. Alarmed & Connected to BMS.
BIRCO Channel Drain Size as Stated with Sump Outlet 150Ø
Proposed SW Outfall
svp Soil & Vent Pipe (Location T.B.C.)
g Road Gully
rwp Rain Water Pipe (Internal)
re Rodding Eye
150Ø @ 1/80 Pipe Diameter and Gradient
3.120 Proposed Formation Level

CDM 2007 RESIDUAL RISKS

1. The contractor is to locate, protect and divert as necessary all existing services on site prior to commencing work.
2. All areas of excavation are to be scanned and marked for existing services prior to any excavation.
3. Be aware of possible live drainage flows and foul effluent during construction. The Contractor shall assess and implement a safe working system and equipment (PPE) as necessary.
2. When working with live drainage their is an increased risk from water bourne diseases such as leptospirosis and Weils disease.
3. All areas of live traffic and pedestrian movements shall be subject to appropriate traffic management barriers and signs.
4. Unauthorised access to the site must be prevented at all times.
5. Support or batter back as necessary excavations in unstable ground.

The above residual risks are for non-standard hazards. It is assumed that a competent contractor familiar with the construction of this type of work will be appointed who will be aware ofthe standard hazards.

REGISTERED FIRM BM TRADA CERTIFICATION ISO 9001:2008 UKAS QUALITY MANAGEMENT 012

NOTES

DO NOT SCALE THIS DRAWING

1. All dimensions are in millimetres (mm) unless noted otherwise.
2. Work to figured dimensions only.
3. This drawing is to be read in conjunction with all relevant Architect's, Engineer's and Specialist's drawings and their respective Specifications.
4. All work to comply with the relevant British Standards, Codes of Practice and the Building Regulations.
5. Any discrepancies between all working drawings, specifications and schedules of all disciplines to be immediately notified to CTP for clarification/correction prior to construction of relevant structure.
6. The contractor shall be responsible for maintaining live traffic flows and implementing satisfactory traffic management in accordance with the requirements of chapter 8 of the TSM and the local Highway authority.
7. The contractor shall be responsible for maintaining pedestrian access and implementing satisfactory pedestrian management in accordance with the requirements of chapter 8 of the TSM and the local Highway Authority.
8. The contractor shall allow for the costs and timescale required to serve notice for road openings under the NRSWA and Traffic Management Acts.
9. The contractor shall be responsible for the sequencing of the works and maintaining all live drainage flows.
10. The contractor shall allow for over pumping existing drainage flows and trench de - watering as required.
11. The contractor shall be responsible for all liaison with utility companies and complying with all requirements of the individual companies.
12. The contractor shall comply with any special requirements of the Environment Agency, Land Drainage Authority, Network Rail the Highway Authority and all other third party consultee's
13. The contractor shall comply with the recommendations and requirements of the geotechnical & geo - environmental reports.
14. All drainage shall comply with Building Regulations Approved document H and the requirements of any other third party consultee's
15. All drainage to be offered for adoption shall comply with the requirement of Sewers for Adoption 7th Edition and is subject to the approval at southern water.

PRELIMINARY

REV	AMENDMENTS	DATE	CHK
P6	Storage tank size increased	27.08.14	AJC
P5	Drawing Re-Scaled and Proposals Amended	04.07.14	DJP
P4	Background updated.	10.10.13	AJC
P3	SW Drainage amended.	27.09.13	AJC
P2	SW Drainage amended.	26.09.13	AJC
P1	Issued for Comment	24.09.13	AJC

Drawn by: GRC | Date: SEP 13 | CIVIL

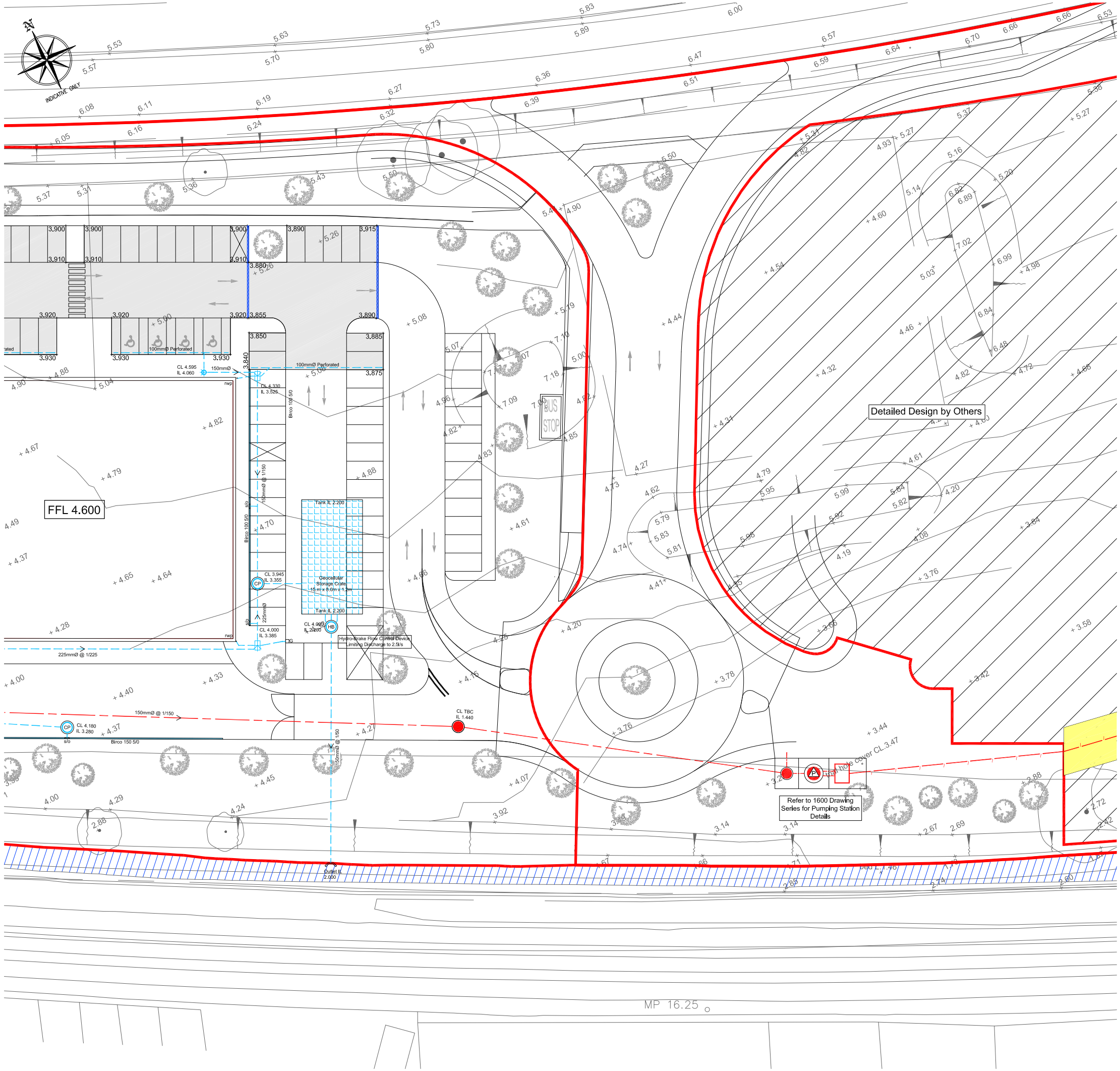
ctp
Suffolk House, 154 High St,
Sevenoaks, Kent, TN13 1XE.
Telephone: 01732 740195
Facsimile: 01732 740662
www.ctp-llp.com
Twitter: @CTPEngineers

Project Title:
LAND WEST OF MILL LANE, RUSTINGTON

Drawing Title:
DRAINAGE LAYOUT SHT 1 OF 2

A2078-550 | 1/250 @ A1 | Rev P6

ARUN DISTRICT COUNCIL A1191450DC



Site Boundary
Proposed SW Sewer (Private)
Proposed FW Sewer (Private)
FW Rising Main (Public)
Existing FW Sewer (Public)
FW1/1 SW1/1 F.W./S.W. PPIC Inspection Chambers (Private)
SA1 P.C.C. F.W. MH (Private)
F.W. Pumping Package Pump (Private)
Existing F.W. Pumping Station (Public)
SA1 P.C.C. S.W. MH (Private)
SA1 CP P.C.C. S.W. Catchpit (Private)
SA1 P.C.C. S.W. MH with Hydrobrake (Private)
SA1 NRV P.C.C. S.W. MH with Non-Return Valve (Private)
Permeable Car Parking (Depth & Level varies)
Buffer Strip (at change in Sub-Base formation level)
Cellular Crate Storage Crates
PI Bypass Petrol Interceptor. Alarmed & Connected to BMS.
BIRCO Channel Drain Size as Stated with Sump Outlet 150Ø
Proposed SW Outfall
svp Soil & Vent Pipe (Location T.B.C.)
rwp Rain Water Pipe (Internal)
Road Gully
Rodding Eye
150Ø @ 1/80 Pipe Diameter and Gradient
3.120 Proposed Formation Level

CDM 2007 RESIDUAL RISKS

1. The contractor is to locate, protect and divert as necessary all existing services on site prior to commencing work.
2. All areas of excavation are to be scanned and marked for existing services prior to any excavation.
3. Be aware of possible live drainage flows and foul effluent during construction. The Contractor shall assess and implement a safe working system and equipment (PPE) as necessary.
2. When working with live drainage their is an increased risk from water bourne diseases such as leptospirosis and Weils disease.
3. All areas of live traffic and pedestrian movements shall be subject to appropriate traffic management barriers and signs.
4. Unauthorised access to the site must be prevented at all times.
5. Support or batter back as necessary excavations in unstable ground.

The above residual risks are for non-standard hazards. It is assumed that a competent contractor familiar with the construction of this type of work will be appointed who will be aware ofthe standard hazards.

REGISTERED FIRM BM TRADA CERTIFICATION ISO 9001:2008 UKAS QUALITY MANAGEMENT 012

NOTES
DO NOT SCALE THIS DRAWING

1. All dimensions are in millimetres (mm) unless noted otherwise.
2. Work to figured dimensions only.
3. This drawing is to be read in conjunction with all relevant Architect's, Engineer's and Specialist's drawings and their respective Specifications.
4. All work to comply with the relevant British Standards, Codes of Practice and the Building Regulations.
5. Any discrepancies between all working drawings, specifications and schedules of all disciplines to be immediately notified to CTP for clarification/correction prior to construction of relevant structure.
6. The contractor shall be responsible for maintaining live traffic flows and implementing satisfactory traffic management in accordance with the requirements of chapter 8 of the TSM and the local Highway authority.
7. The contractor shall be responsible for maintaining pedestrian access and implementing satisfactory pedestrian management in accordance with the requirements of chapter 8 of the TSM and the local Highway Authority.
8. The contractor shall allow for the costs and timescale required to serve notice for road openings under the NRSWA and Traffic Management Acts.
9. The contractor shall be responsible for the sequencing of the works and maintaining all live drainage flows.
10. The contractor shall allow for over pumping existing drainage flows and trench de - watering as required.
11. The contractor shall be responsible for all liaison with utility companies and complying with all requirements of the individual companies.
12. The contractor shall comply with any special requirements of the Environment Agency, Land Drainage Authority, Network Rail the Highway Authority and all other third party consultee's
13. The contractor shall comply with the recommendations and requirements of the geotechnical & geo - environmental reports.
14. All drainage shall comply with Building Regulations Approved document H and the requirements of any other third party consultee's
15. All drainage to be offered for adoption shall comply with the requirement of Sewers for Adoption 7th Edition and is subject to the approval at southern water.

PRELIMINARY

REV	AMENDMENTS	DATE	CHK
P5	Drawing Re-Scaled and Proposals Amended	04.07.14	DJP
P4	Background updated.	10.10.13	AJC
P3	SW Drainage amended.	27.09.13	AJC
P2	SW Drainage amended.	26.09.13	AJC
P1	Issued for Comment	24.09.13	AJC

Drawn by: GRC | Date: SEP 13 | CIVIL

ctp
Suffolk House, 154 High St,
Sevenoaks, Kent, TN13 1XE.
Telephone: 01732 740195
Facsimile: 01732 740662
www.ctp-llp.com
Twitter: @CTPEngineers

Project Title:
LAND WEST OF MILL LANE, RUSTINGTON

Drawing Title:
DRAINAGE LAYOUT SHT 2 OF 2

A2078-551 | 1/500 @ A1 | Rev P5

ARUN DISTRICT COUNCIL A/116/14/DOC