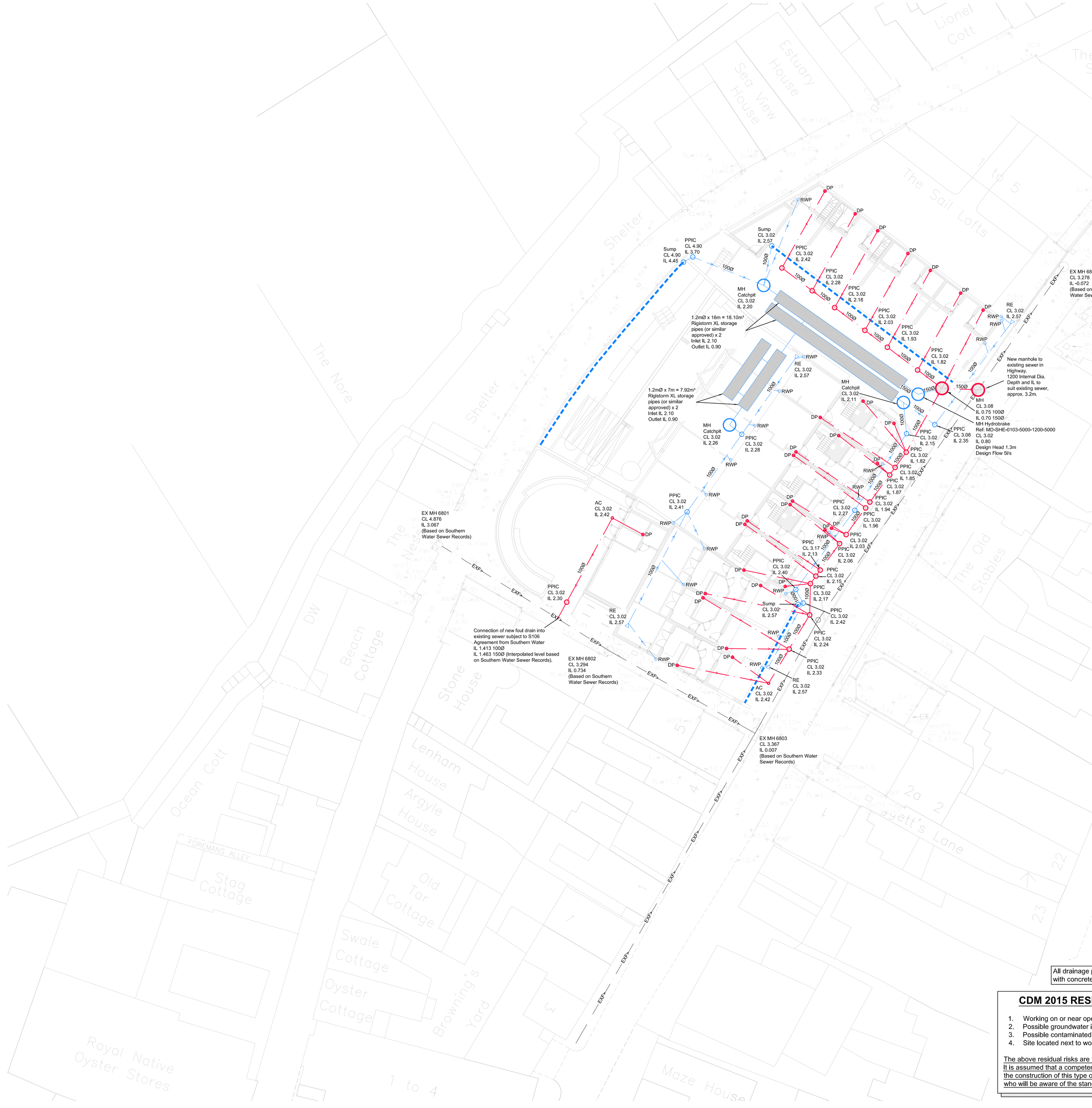

INDICATIVE ONLY

NOTES

1. DO NOT SCALE THIS DRAWING.
   WORK TO FIGURED DIMENSIONS ONLY.
   ALL DIMENSIONS ARE IN MILLIMETRES (mm)
   UNLESS NOTED OTHERWISE.
2. This drawing is to be read in conjunction with all relevant Architect's, Engineer's and Specialist's drawings and their respective Specifications.
3. All work to comply with the relevant British Standards, Codes of Practice and the Building Regulations.
4. 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.
5. All private drainage works shall be in accordance with 'The Building Regulations Approved Document H' and British Standard EN 752.
6. Prior to commencement of the works the contractor shall liaise with all relevant authorities to obtain their requirements and to obtain approval for his method of working and where appropriate his intended choice of materials.
7. Refer to site survey for details of existing site conditions and bench marks.
8. Prior to commencement of the works the contractor shall liaise with all relevant authorities to locate, protect and where necessary divert all existing services affected by the works.
9. All excavations shall be kept free of standing water.
10. The contractor shall ensure the stability of all excavations is maintained at all times.
11. All works in, or adjacent to, the public highway shall be in accordance with the requirements of the highway authority. The contractor shall obtain all necessary licenses required to carry out the works within the public highway.
12. Prior to commencement of the works all drainage outfall points, whether existing sewer, drain or watercourse, shall be verified on site by the contractor. If the outfall point is found to be higher or significantly lower than shown on the drawings then the contract administrator shall be notified immediately (significant redesign of drainage and levels may be necessary). Prior to commencement of construction on-site the contractor shall install all off-site drainage connections, or satisfy himself that there are no obstructions or other reasons why, the drain connections can not be made.
13. All cover levels shown on this drawing are approximate. Exact levels of new covers and frames to be determined on site to match level and profile of finished surface.
14. The construction of all existing chambers, gullies etc. and their covers, gratings and frames to be improved, repaired or replaced as necessary to suit their location within the finished development.
15. All covers, gratings and frames to chambers, gullies, channels etc. shall be of the correct load class to suit their location.

- Load class A15 pedestrian areas (not accessible by vehicles)
- Load class B125 private drives
- Load class C250 basements/parking bays / lightly trafficked roads.
- Load class D400 main roads

12. All existing chambers, gullies channels, pipes and other drainage apparatus shall be protected from damage during the works. The contractor shall take all necessary measures to ensure that no material enters the drains (other than that which they are designed to carry).
13. Refer to site investigation report for existing ground conditions and any special requirements for buried concrete (special requirements for buried concrete shall include all pre-cast and in-situ concrete and mortars). Where appropriate refer to contamination reports for details of chemicals affecting choice of materials and other additional requirements.
14. All pre-cast and in-situ concrete and mortars used in the construction of foul drains and sewers shall be made from sulphate resisting cement.
15. Unless noted otherwise all pipework shall be 100mm diameter laid to a fall of 1 in 100 or steeper for surface water and 1 in 40 or steeper for foul water. foul drains with one or more w.c. connected may be laid at 1 in 80 or steeper. Where appropriate road gully connections shall be 150mm dia at 1 in 150 or steeper.
16. unless noted otherwise all pipework shall be constructed from 'super strength' vitrified clay to bs 65,bs en 295 or upvc to bs en 1201 bedded and backfilled as per the manufacturers recommendations and the above listed publications.
17. Exact location of gullies to be determined on site to suit low points. The contractor shall ensure that all finished surface are laid to falls that are sufficient for all surface water to drain without surface ponding.
18. Prior to commencement of any works the existing drainage must be traced to ensure that no 'live' connections remain, Any such connections must be reported to the contract administrator, prior to diversion into the new drains.
19. Existing pipes to be abandoned shall be broken out or filled with PFA grout. manholes shall be broken out and filled with compacted granular material.

PRELIMINARY

All drainage pipelines to be constructed with concrete bed & surround.

CDM 2015 RESIDUAL RISKS

1. Working on or near open water.
2. Possible groundwater in excavations.
3. Possible contaminated ground in excavations.
4. Site located next to working lots.

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 of the standard hazards.

Key

- xxxØ @ 1:xx — Surface Water Drain
- MH CL xx.xx IL xx.xx — Surface Water Manhole
- PPIC CL xx.xx IL xx.xx — Surface Water PPIC - 450mm dia
- Surface Water Drainage Channel
- RE — Surface Water Rodding Eye
- RWP — Rainwater Pipe
- xxxØ @ 1:xx — Foul Water Drain
- MH CL xx.xx IL xx.xx — Foul Water Manhole
- PPIC CL xx.xx IL xx.xx — Foul Water PPIC - 450mm dia
- AC CL xx.xx IL xx.xx — Foul Water Access Chamber - 225Ø
- DP — Foul Drainage Connection Point (SVP / SS / AAV)
- EXF> — Existing Foul Sewer

Revision	Amendments	Date	Rev'd	Chk'd
P2	Connection to Existing Sewer revised.	16.02.18	JT	PNH
P1	Initial issue	20.12.17	JT	PNH

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Project Title:
Sea Street
Whitstable

Drawing Title:
Drainage Strategy
Lower Ground Floor

Drawing Number: A4453-1500
Scale: 1:200 @A1 Unless Noted Otherwise
Revision: - P2