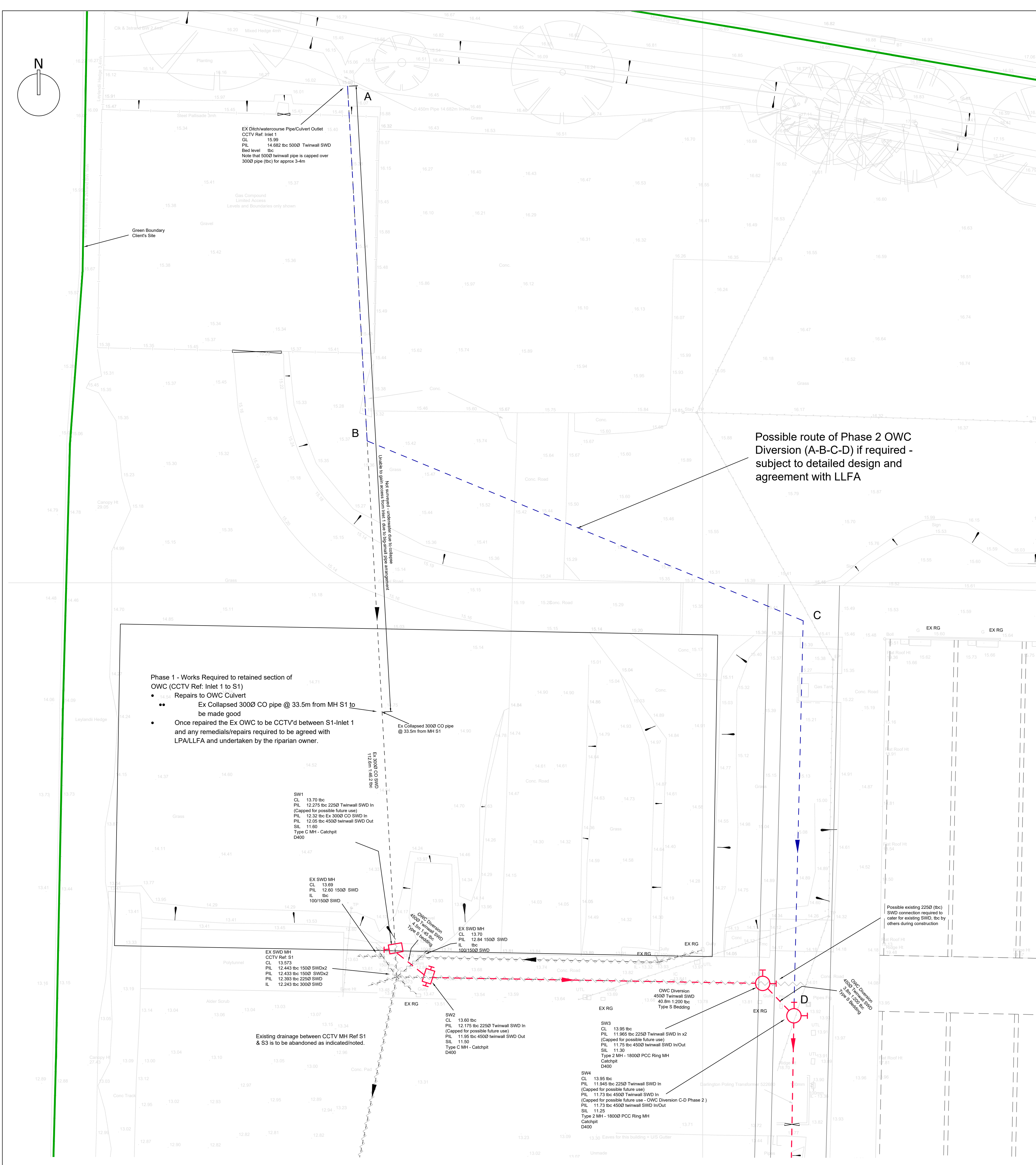
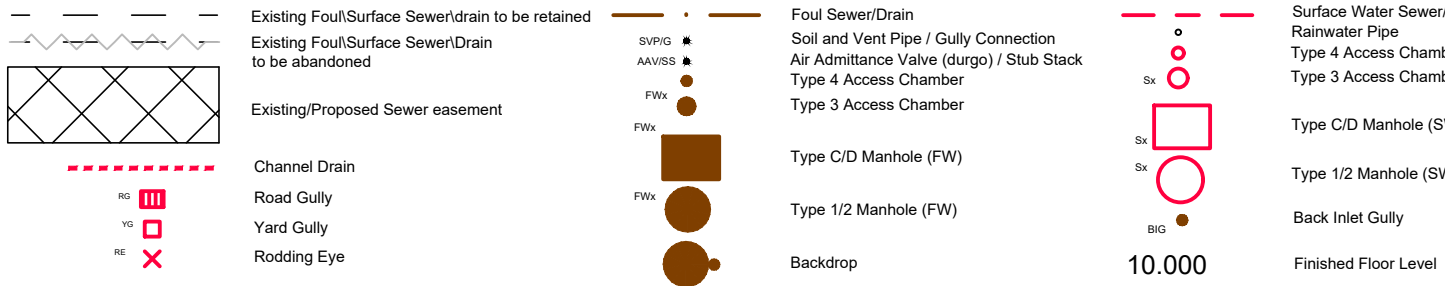




NOTES

- This drawing is to be read in conjunction with drawing Nos. FC2881/01-25.
- Existing onsite drainage is shown on drawing FC2881/01-02.
- All adopted drainage and connections to the sewer system are to be constructed in accordance with 'Sewers for Adoption' 7th Edition or as stipulated in the Southern Water Addendum.
- Connections to the adopted drainage system are subject to the approval of Southern Water the Drainage Authority. Diverted, dewatered, build close to/sewers, and new sewers are subject to SW approval. All other drainage is to remain private.
- All pipes and fittings to be adopted, or connecting to adopted sewers, and/or situated under highway to be vitrified clay (min 40kN/m) to BS EN 295 & BS65 (SWS only), or Concrete pipes to BE EN 1916 & BS5911 Part 1, or Thermoplastic Structured wall sewer pipes to BS EN 13476-1-4 and WIS 4-35-01 (class 8kN/m), or Ductile Iron BS EN 598, and be capable of withstanding 4000 PSI jetting pressure.
- Cover levels shown are approximate. Covers and frames shall be set to finished ground levels and falls.
- All drainage to be constructed to BS EN 752:1999 and subject to the approval of Building Control/LPA and the Environment Agency.
- Gully and channel drain positions are liable to amendment when the design levels have been determined.
- All downpipes are to be sealed, ie connected directly to the stormwater drain. Access points to be provided 1m above ground level for external RWP's and 1m above FFL for internal RWP's.
- All below ground concrete to accord with ACEC site classification of AC-1, refer to Geotechnical Investigation.
- Aco channel drain to be K100S with grade C250 Quicklock 'Heelguard' cast iron grating or equivalent, where adjacent to kerbing or within pedestrian areas. Elsewhere Aco channel drain to be Road Drain 100 Class F. All channel drain outlets to have oil traps.
- The Contractor should construct works in accordance with the Local Authority specification for the works they are to undertake.
- Road gully pipes are to be 150mm dia. with concrete surround and flexible joints, all other un-referenced pipes are assumed to be 100mm dia. FW min gradient - 1 in 40 (100 dia) no WC's connected FW min gradient - 1 in 80 (100 dia) min 1 WC connected FW min gradient - 1 in 150 (150 dia) min 5WC's SW min gradient - 1 in 100 (100/150 dia)
- If any sub soil drainage systems are uncovered during the Works contact the Engineer for instructions. Generally sub soil drains affected are to be diverted around new Works and connected into the surface water drainage system. Pipe diameters and gradients are to be maintained.
- Before commencing construction the Contractor must check the invert levels of existing sewers to which connections are made. In addition the Contractor must locate and determine invert levels of the existing spurs to which connections are proposed. Additional spur/manhole connections are to be agreed with the relevant adopting authority. Any discrepancies are to be notified to the Engineer immediately, prior to construction.
- Road reinstatements are to be to the Highway Authority approval.
- No private areas are to drain onto adoptable areas and vice versa.
- All redundant drainage to be abandoned once the Contractor and Client have satisfied themselves that no connections remain live. Drains and sewers less than 1.5m deep which are in open ground should as far as is practicable be removed. Other pipes should be sealed at both ends and at any other point of connection and solidly filled at intervals not exceeding 25m with Class G3 or G4).

Legend



- Phase 1 - Works Required to retained section of OWC (CCTV Ref: Inlet 1 to S1)
- Repairs to OWC Culvert
 - Ex Collapsed 3000 CO pipe @ 33.5m from MH S1 to be made good
 - Once repaired the Ex OWC to be CCTV'd between S1-Inlet 1 and any remedials/repairs required to be agreed with LPA/LLFA and undertaken by the riparian owner.

SW1
CL 13.70 tbc
PIL 12.275 tbc 2250 Twinnail SWD In (Capped for possible future use)
PIL 12.32 tbc Ex 3000 CO SWD In
PIL 12.05 tbc 4500 twinnail SWD Out
SIL 11.60
Type C MH - Catchpit D400

EX SWD MH
CL 13.69
PIL 12.60 1500 SWD
IL tbc
100/1500 SWD

EX SWD MH
CCTV Ref: S1
CL 13.573
PIL 12.443 tbc 1500 SWDx2
PIL 12.433 tbc 1500 SWDx2
PIL 12.393 tbc 2250 SWD
IL 12.243 tbc 3000 SWD

Existing drainage between CCTV MH Ref S1 & S3 is to be abandoned as indicated.

OWC Diversion
400 Twinnail SWD
4m long
Type A Bedding

EX SWD MH
CL 13.70
PIL 12.84 1500 SWD
IL tbc
100/1500 SWD

SW3
CL 13.95 tbc
PIL 11.905 tbc 2250 Twinnail SWD In x2 (Capped for possible future use)
PIL 11.75 tbc 4500 twinnail SWD In/Out
SIL 11.30
Type 2 MH - 18000 PCC Ring MH Catchpit D400

SW4
CL 13.95 tbc
PIL 11.945 tbc 2250 Twinnail SWD In (Capped for possible future use)
PIL 11.75 tbc 4500 Twinnail SWD In (Capped for possible future use - OWC Diversion C-D Phase 2)
PIL 11.75 tbc 4500 twinnail SWD In/Out
SIL 11.25
Type 2 MH - 18000 PCC Ring MH Catchpit D400

Possible route of Phase 2 OWC Diversion (A-B-C-D) if required - subject to detailed design and agreement with LLFA

NOTE THE FOLLOWING:

- Ordinary Watercourse Consents
 - ADC Ref xxx dated xxx
- OWC Culvert between Inlet 1 (north end) and SW10 (new headwall outlet southern end) to be CCTV'd following construction works. CCTV and report to be forwarded to LPA/LLFA to verify that works have been satisfactorily undertaken. Any snagging/remedials noted by LPA/LLFA to be undertaken at owners/riparian owners expense.

SUBJECT TO THE APPROVAL OF:
WSCC/ADC - LLFA

SUBJECT TO CONFIRMATION OF:

- Ex SWD connections that are required to be maintained
- Ex services - note these may be required to be diverted or protected due to the proposed OWC diversion works - Client is responsible to determining services positions and agreeing any diversions and protection required with the relevant Statutory Service Provider.
- Extent of Site Boundary

B	Issued For BUDGET/APPROVAL ONLY	29/04/21
A	Issued For BUDGET/APPROVAL ONLY	15/03/21
-	Issued For BUDGET/APPROVAL ONLY	02/03/21
REV	DESCRIPTION	DATE

abmh
ABMH Civils Ltd
1 The Grove, Felpham, Bognor Regis, West Sussex PO22 7EY
Mark Mob: 07761 950000
Email: mark@abmh.co.uk / Web: www.abmh.co.uk

PROJECT	OWC DIVERSION WORKS THE VINERY, ARUNDEL ROAD POLING, WEST SUSSEX BN18 0PY			
DRAWING	PROPOSED OWC DIVERSION DRAINAGE LAYOUT SHEET 1 OF 2			
SCALE 1/1	DATE	REV	CHKD	B
1:250	MAR 21			
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