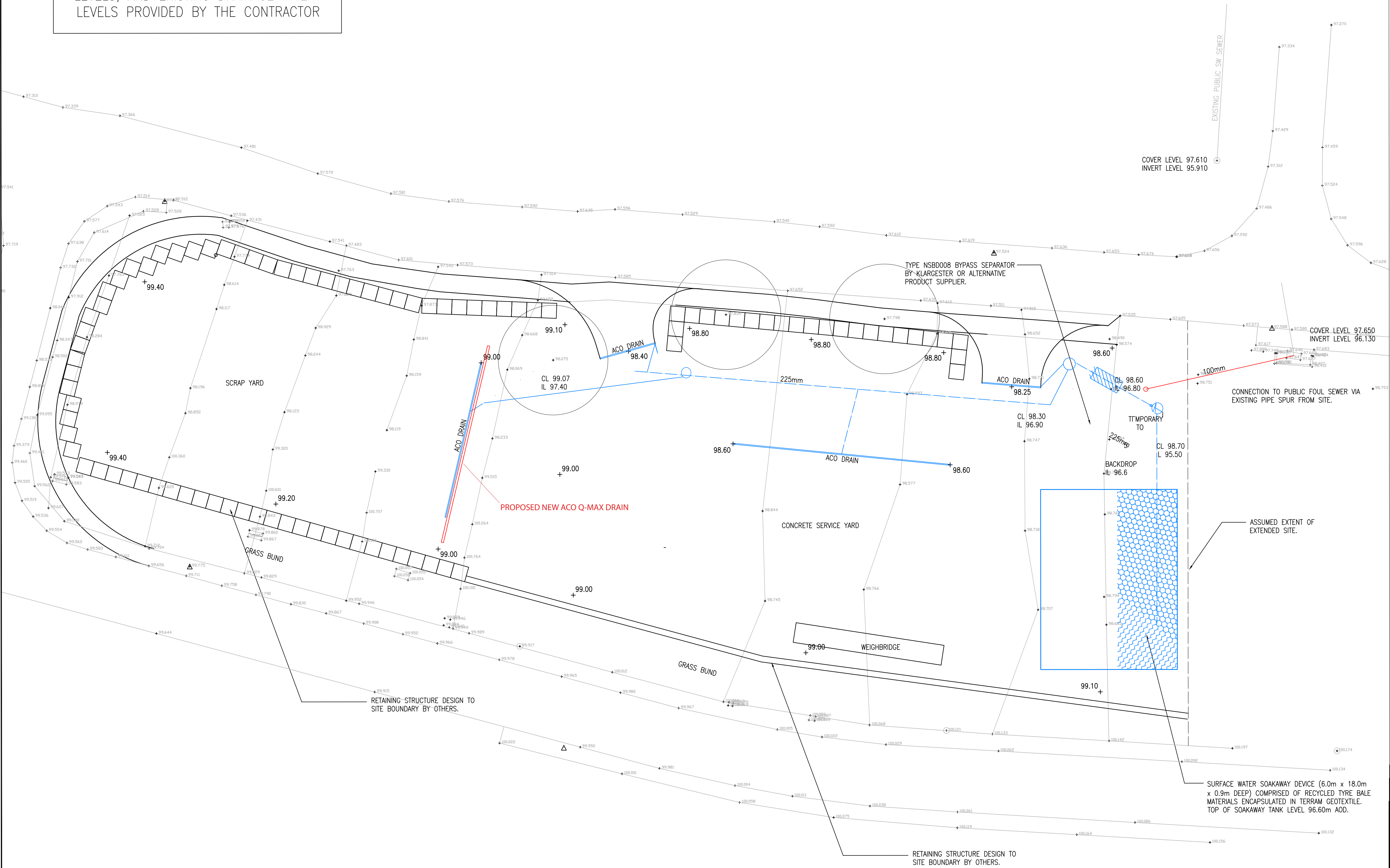


DRAINAGE DESIGN BASED ON FINISHED SITE LEVELS, AND EXISTING DRAINAGE INVERT LEVELS PROVIDED BY THE CONTRACTOR



DRAINAGE DESIGN SUBJECT TO APPROVAL OF DWR CYMRU WELSH WATER AND LOCAL PLANNING AUTHORITY

SITE LAYOUT AND HIGHWAY ACCESS DETAILS BASED ON INFORMATION PROVIDED BY THE CONTRACTOR

SOAKAWAY DESIGN BASED ON PERCOLATION TEST INFORMATION PROVIDED BY THE CONTRACTOR

- NOTES:-
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RVW CONSULTING LIMITED PROJECT DRAWINGS AND SPECIFICATIONS.
 2. ALL LEVELS ARE IN METRES ABOVE ARBITRARY DATUM BASED ON THE TOPOGRAPHICAL SURVEY DRAWING SUPPLIED BY THE CLIENT.
 3. ALL EXISTING DRAINAGE LEVELS AND OUTFALL POINTS SHALL BE SURVEYED AND VERIFIED BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF THE WORKS. ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
 4. PIPEWORK UNDER ADOPTABLE HIGHWAY WITH LESS THAN 1.2m COVER, AND OTHER TRAFFICKED AREAS WITH LESS THAN 0.8m COVER TO RECEIVE CONCRETE ENCASEMENT. COMPRESSIBLE FILLERBOARD (18mm THICK) TO BE PLACED AT PIPE JOINTS AT LEAST THE WIDTH OF THE CONCRETE SURROUND. COVER SLABS/CONCRETE PROTECTION TO PIPES WHERE DAMAGE FROM GARDEN IMPLEMENTS IS POSSIBLE IS TO BE PROVIDED VIA CONCRETE GRADE GEN 1.
 5. RAINWATER PIPES TO DISCHARGE VIA VERTICAL INLET HOPPERS.
 6. LARGE RADIUS BENDS TO BE USED AT THE FOOT OF VERTICAL DISCHARGE PIPES/SVPs.
 7. RODDING EYES (RE) ARE TO BE USED AT THE HEAD OF RUNS, WHERE APPROPRIATE.
 8. MANHOLE COVERS SHOULD NOT BRIDGE DIFFERENT SURFACES.
 9. WHERE TWO PIPELINES (OTHER THAN PLASTIC PIPES) CROSS WITH LESS THAN 300mm SEPARATION PIPES ARE TO BE SURROUNDED WITH CLASS Z CONCRETE SURROUND FOR NOT LESS THAN 1m CENTRED ON THE CROSSING POINT. CONCRETE SURROUND TO BE EXTENDED AS NECESSARY TO WITHIN 150mm OF NEAREST FLEXIBLE JOINTS.
 10. ALL INTERNAL FOUL OUTLETS AND RAINWATER PIPE POSITIONS ARE TO BE CONFIRMED BY THE ARCHITECT.
 11. ALL GULLY GRATINGS ARE TO BE HEAVY DUTY.
 12. ALL GULLY PIPEWORK TO BE 150mm MINIMUM DIAMETER.
 13. ALL BELOW SLAB FOUL DRAINAGE TO BE 100mm DIAMETER LAID TO A MINIMUM GRADIENT OF 1 IN 80.
 14. ALL PIPEWORK TO BE CLAY OR PVCu WITH FLEXIBLE JOINTS ALL FULLY IN COMPLIANCE WITH THE BUILDING REGULATIONS 2000.
 15. ALL PIPEWORK TO BE LAID WITH SOFFIT TO SOFFIT CONNECTIONS UNLESS NOTED OTHERWISE.

- PROPOSED SURFACE WATER SEWER
- PROPOSED FOUL WATER SEWER
- PROPOSED PC CONCRETE RING MANHOLE
- PROPOSED BRICK MANHOLE
- PROPOSED PPIC 4500
- G □ --- PROPOSED ROAD GULLY - TYPE OSMA 6TW650
- PROPOSED SURFACE WATER SOAKAWAY TANK
- + 100.00 PROPOSED LEVEL

PRELIMINARY

A	18.02.10	Soakaway device added to drawing in place of attenuation tank.	DAS	SCW
Rev.	Date.	Details.	By.	Chk.

3 NEPTUNE COURT
VANGUARD WAY
OCEAN PARK
CARDIFF CF24 5PJ

T. 029 2046 1000
F. 029 2046 0799
www.rvwconsulting.co.uk

Project: PLOT G2, PRINCESS WAY, BRIDGEND INDUSTRIAL ESTATE			
Title: PROPOSED DRAINAGE LAYOUT			
Drawn: DAS	Checked: SCW	Scale(s): 1/200	
Date: 14.12.09	Job no: C5938	Org. no: C200	Rev: A