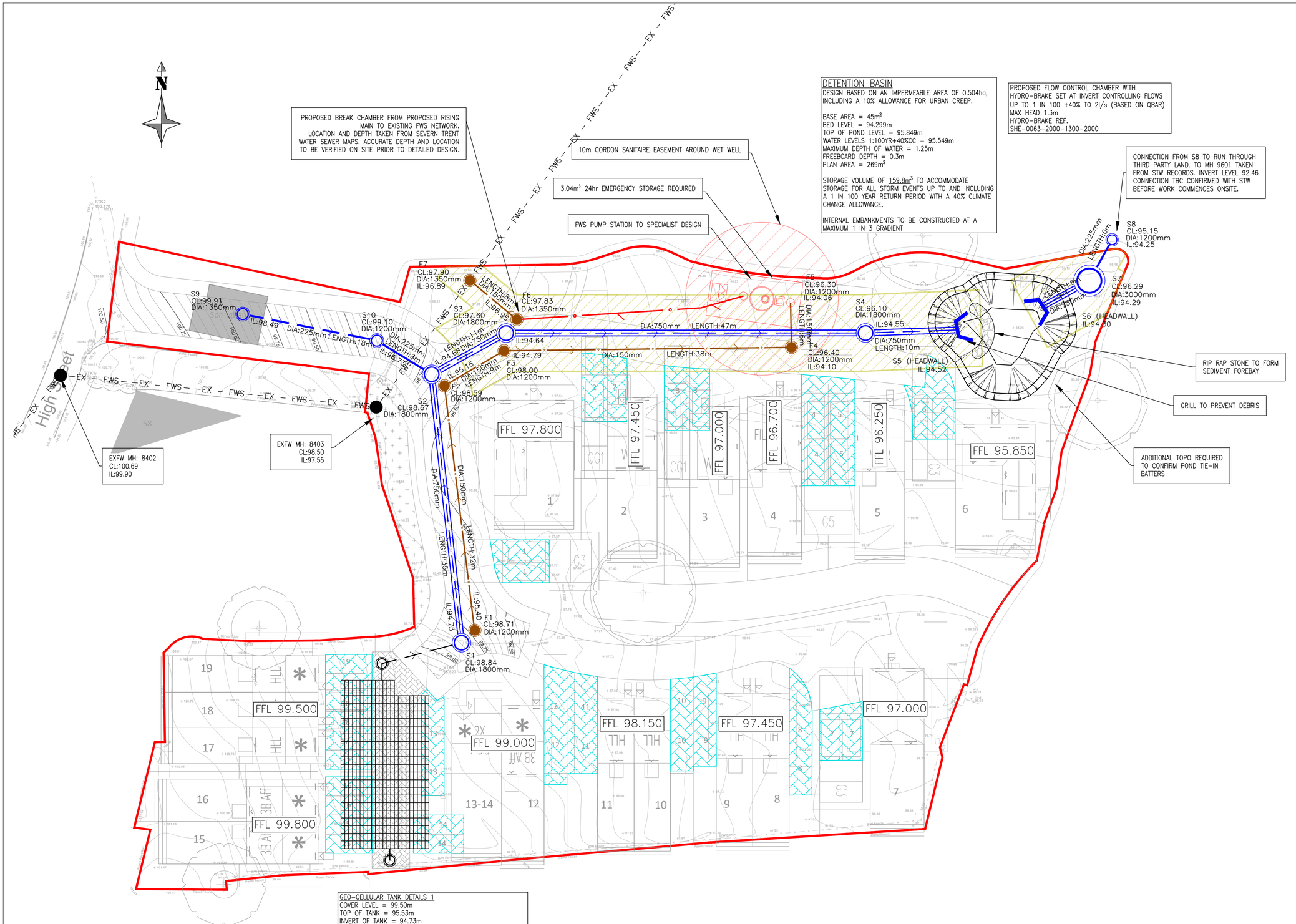

GEO-CELLULAR TANK DETAILS 1
COVER LEVEL = 99.50m
TOP OF TANK = 95.53m
INVERT OF TANK = 94.73m
DEPTH OF TANK = 0.80m
COVER DEPTH = 3.97m
PLAN AREA = 247.5m²

A STORAGE VOLUME OF 200.2m³ IS REQUIRED TO ACCOMMODATE STORM EVENTS of 1 IN 100 A 1 IN 100 YEAR RETURN PERIOD WITH A 40% CLIMATE CHANGE ALLOWANCE ONLY.

NOTES:

1. DO NOT SCALE THIS DRAWING.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEERS, ARCHITECTS AND SPECIALIST DESIGN DRAWINGS AND DETAILS.
3. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE. ALL LEVELS ARE IN METRES UNLESS NOTED OTHERWISE.
4. ANY DISCREPANCIES NOTED ON SITE ARE TO BE REPORTED TO THE ENGINEER IMMEDIATELY.
5. THE CONTRACTOR SHALL CHECK ALL TIE-INS FOR LINE AND LEVEL WITH EXISTING BEFORE COMMENCING ANY WORKS. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY IN WRITING, SHOULD ANY ERRORS BE FOUND.
6. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ANY SERVICE APPARATUS IN THE VICINITY OF THE WORKS. THE CLIENT WILL ACCEPT NO CLAIMS WHATSOEVER IN RESPECT OF ANY LOSSES OR DAMAGE CAUSED IN RESPECT OF SUCH APPARATUS, HOWEVER CAUSED.
7. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO EXECUTE THE WORKS AT ALL TIMES IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE HEALTH AND SAFETY AT WORK ACT 1974, AND THE C.D.M. REGULATIONS 2015. THE CONTRACTOR WILL BE DEEMED TO HAVE ALLOWED FOR FULL COMPLIANCE, WITHIN HIS RATES.
8. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL WORKS ARE TO THE SATISFACTION OF THE ENGINEER, AND SHALL BE DEEMED TO HAVE INCLUDED WITHIN HIS RATES FOR ANY NECESSARY TESTING.
9. IT SHOULD BE NOTED INFORMATION SHOWN MAY INCLUDE DATA PROVIDED BY THIRD PARTIES.
10. ALL DIMENSIONS SHOULD BE CHECKED PRIOR TO CONSTRUCTION.

DESIGN PARAMETERS:
1. DETAILS SHOWN ARE PRELIMINARY ONLY AND SUBJECT TO DETAILED DESIGN.
2. SWS DRAINAGE HAS BEEN DESIGNED UP TO AND INCLUDING 100YR + 40% CC EVENT BASED ON FEH DATA.
3. 10% URBAN CREEP HAS BEEN ALLOWED FOR.
4. DISCHARGE FLOW RESTRICTED TO BETTERMENT OF QBAR GREENFIELD RUN OFF RATE SUBJECT TO LLFA APPROVAL.
5. CONFIRMATION OF OUTFALL POSITIONS REQUIRED TO DETERMINED SUITABILITY.
6. SUBJECT TO LLFA AND HIGHWAY AUTHORITY APPROVAL.
7. ALL PROPOSED FOUL DRAINAGE LAID ABOVE STORM SEWERS TO BE WRAPPED IN GEO-TEXTILE MEMBRANE.
8. DEEP DRAINAGE CONNECTIONS TO BE REVIEWED.

KEY
- HIGHWAY BOUNDARY
- SECTION 104 ADOPTABLE SURFACE WATER SEWER
- SECTION 104 ADOPTABLE FOUL WATER SEWER
- SECTION 104 ADOPTABLE FLOW CONTROL
- SECTION 104 ADOPTABLE HEADWALL
- PRIVATE CELLULAR STORAGE
- PROPOSED EASEMENTS
- PROPOSED RISING MAIN
- PROPOSED PERMEABLE PAVING
- —EX— FWS— EXISTING FOUL WATER SEWER
- MAJOR CONTOURS (0.5m)
- MINOR CONTOURS (0.1m)
- FFL 12.345 FINISHED FLOOR LEVEL

REV:	AMENDMENTS:	DRN:	CHK:	APP:	DATE:
-	FIRST ISSUE	LH	NB	RM	11.08.25

PROJECT: STOKE GOLDING HINCKLEY

DRAWING TITLE: DRAINAGE STRATEGY

CLIENT: A.R.CARTWRIGHT LTD

DRAWING NUMBER: 29782_02_010_01

REVISION:	SHEET SIZE:	SCALE:
-	A1	1:250

STATUS: PRELIMINARY

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