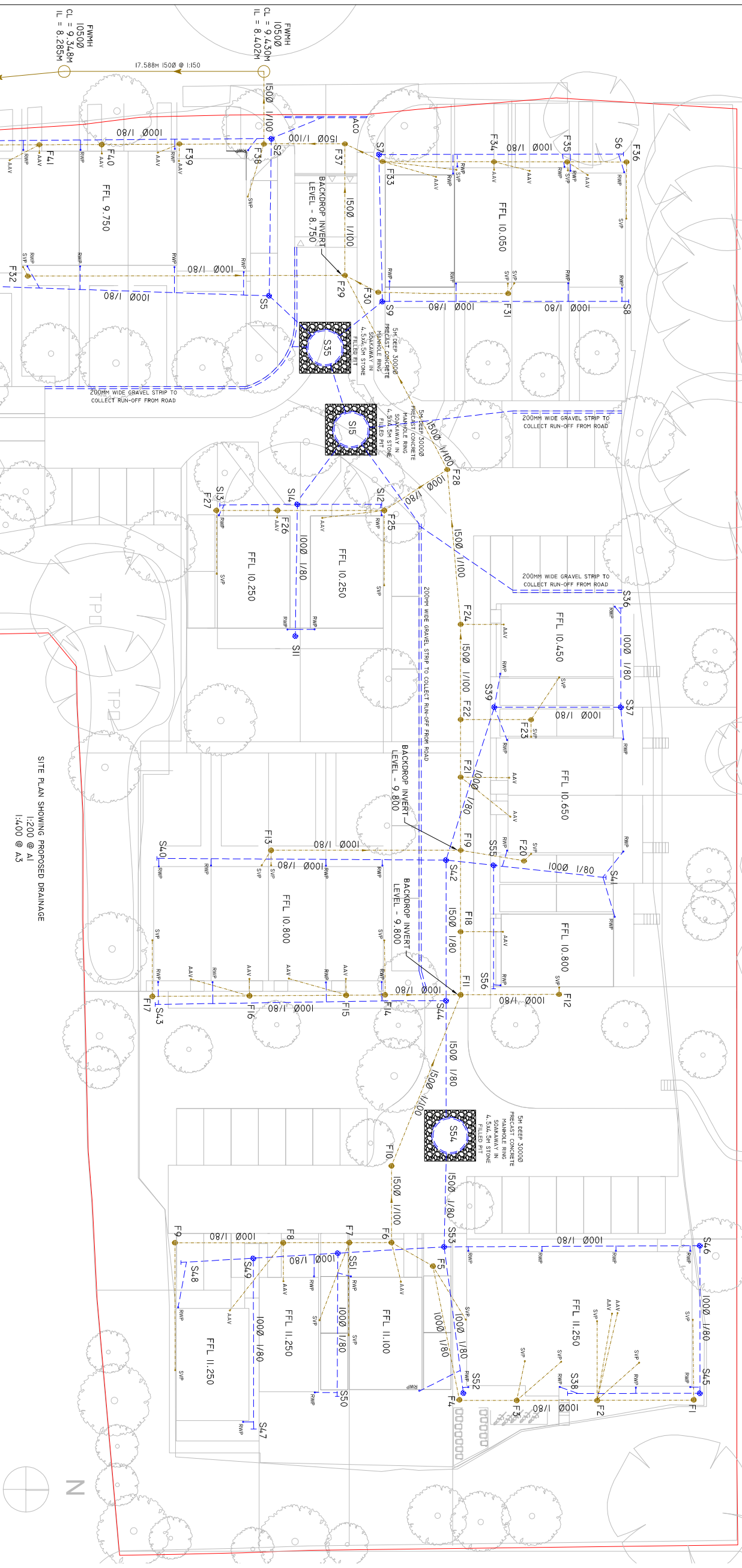




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4. TEMPORARY STABILITY DURING CONSTRUCTION IS THE RESPONSIBILITY OF THE MAIN CONTRACTOR AND SHOULD BE ASSESSED ACCORDINGLY.

DRAINAGE NOTES

1. EXACT SVP AND GULLEY LOCATIONS TO BE CONFIRMED FROM SERVICES ENGINEERS/ARCHITECTS DRAWINGS AND DETAILS.
2. ALL NEW PIPework TO BE MAIN OSBOMAN OR MAIN ULTRABOND (PVC OR SIMILAR APPROVED) UNLESS NOTED OTHERWISE.
3. PLASTIC PIPES (PVC-U) TO BE FLEXIBLY JOINTED AND COMPLY WITH THE REQUIREMENTS OF BS EN 14011-1998.

4. WHERE COVER TO PRIVATE PRESS IS LESS THAN 1000 MM, COVER SHALL BE 1000 MM. PROVIDER SHALL PROVIDE CONCRETE SURROUND TO BE PROVIDED IN ACCORDANCE WITH THE DETAIL (CLASS 2 BEDDING).
5. ALL OTHER PIPEWORK TO BE IN CLASS 5 BEDDING.
6. N.B. UNTIL FINAL SERVICE IS PLACED, HEAVY TRAFFIC IS NOT TO BE ALLOWED OVER PIPE TRENCHES WITHOUT SPECIAL PRECAUTIONS. PIPES AND FITTINGS ARE TO BE LAID IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS.
7. MANHOLE COVERS IN CAR PARKS TO BE LOAD CLASS DL40 TO BS EN 124.
8. MANHOLE COVERS IN LANDSCAPED AND PAVED AREAS TO BE LOAD CLASS B25 BS EN 124.
9. MANHOLE COVERS IN PAVED AREAS TO BE RECESSED TO ACCEPT PAVING FINISH.
10. ACCESS COVERS FOR GULLIES IN KERBSIDES TO BE LOAD CLASS C250 BS EN 124.
11. ALL INTERNAL POP UPS TO HAVE MODULABLE ACCESS.
- 12.

3. ANY PITCH RAMP/LE TO BE FEWER THAN 1200MM MUST BE FITTED WITH ACCESS RESTRICTOR CAP.
- 4a. ALL EXISTING PAVEMENT TO BE CONFIRMED PRIOR TO CONSTRUCTION COMMENCING.
5. PEWWORK PASSING THROUGH BUILDING WALLS SHALL BE FITTED WITH ROCKER PIPES AS PER STANDARD DETAIL.
6. ANY UNLABELED FOLI BRACKET PEWWORK TO BE 1000 PEWWORK AT MINIMUM 180 FALL.
7. ANY UNLABELED STORM WATER BRACKET PEWWORK TO BE 1000 AT MINIMUM 180 FALL.
8. ALL W/ AND LOCATIONS AND NUMBERS ARE TO BE CONFIRMED BY ARCHITECT PRIOR TO COMMENCING CONSTRUCTION.

PLANNING

F	LAYOUT APPEARED FOLLOWING COMMENTS:	03.11.18	JH
E	TO SITE NEW SITE LAYOUT	28.09.18	MC
D	MANHOLE SOAKAWAYS UPDATED	10.08.18	MC
C	TRADITIONAL MANHOLE SOAKAWAYS INTRODUCED	31.07.18	AM
B	POSITIVE CONNECTION TO TOLL WATER TO SEWER	01.07.18	AM
A	SILT BOUNDARY ADDED	21.06.18	SW
	INITIAL ISSUE	17.05.18	AM



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NOTE THIS DRAWING IS FOR PLANNING PURPOSES ONLY
AND NOT BE USED FOR PRICING PURPOSES OR
CONSTRUCTION. FULL DESIGN TO BE UNDERTAKEN ONCE
SCHEMATIC HAS BEEN CONFIRMED.

[illegible]

THRESHOLD ACO DRAINS (NOT SHOWN FOR CLARITY) TO BE CONNECTED TO NEAREST SURFACE WATER RUN

POSITION OF RWP'S, AAV'S, SW'S ARE TO BE CONFIRMED BY THE ARCHITECT

NOTE CONTRACTOR TO ALLOW FOR REMOVAL OF EXISTING PRIVATE DRAINAGE AS REQUIRED.

ACO DRAINS IN ROAD TO BE SUITABLE FOR TRAFFICKED AREA

THIS SCHEME IS TO BE CONSIDERED PRELIMINARY UNTIL SUCH TIME AS THE LOCAL COUNCIL (LUPA) AND EA GIVE TECHNICAL APPROVAL. ANY WORKS, OR ORDERING OF MATERIALS, PRIOR TO APPROVALS FROM THE ABOVE MENTIONED BODIES IS DONE SO AT THE CONTRACTORS RISK IN ITS ENTIRETY. BNC WILL ACCEPT NO RESPONSIBILITY FOR ANY ABORTIVE WORKS / MATERIAL COSTS.

NOTE : BRANS THAT RUN UNDER BUILDINGS TO USE ROCKER PIPE DETAIL WHEN PASSING THROUGH MASONRY . IF PIPES PASS THROUGH CONCRETE FOUNDATIONS PROVISIONS TO BE MADE FOR 2000 SLEEVES TO BE CAST INTO FOOTINGS TO ALLOW FOR BUILDING SETTLEMENT

SOAKAWAYS TO BE DESIGNED FOR A 1:100 YEAR + 4.0% ALLOWANCE FOR CLIMATE CHANGE

ALL TEMPORARY WORKS FOR CONSTRUCTION OF DRAINAGE TO CONTRACTORS DESIGN AND DETAILS

ALL DRIVES, CAR PARK AND ROAD AFTER TABLE TOP TO BE PERMEABLE PAVING. IMPERMEABLE MEMBRANE UNDER IMPERMEABLE PAVING REQUIRED AND ALL FALLS ON IMPERMEABLE MEMBRANE TO BE TOWARDS THE SOAKAWAYS.

HEALTH, SAFETY AND ENVIRONMENT

IT IS THE RESPONSIBILITY OF THE CLIENT TO ENSURE THAT THOSE UNDERTAKING THE WORKS ARE COMPETENT AND EXPERIENCED IN THE TYPE OF WORKS UNDERTAKEN.

IN ADDITION TO THE HAZARDS USUALLY ASSOCIATED WITH THE TYPE OF WORKS DETAILED IN THIS DRAWING, THE FOLLOWING SPECIFIED HAZARDS HAVE BEEN IDENTIFIED THROUGH DESIGN RISK ASSESSMENT. THE PLANNING AND EXECUTION OF THESE WORKS SHOULD TAKE INTO ACCOUNT ALL USUAL AND SPECIFIC HAZARDS.

HAZARDS SHOULD ALSO BE TAKEN INTO ACCOUNT IN THE MAINTENANCE, OPERATION, DECOMMISSIONING AND DEMOLITION OF THE WORKS.

- LIVE SERVICES MAY BE PRESENT ON SITE
- DEEP EXCAVATIONS NECESSARY
- GROUND CONDITIONS MAY BE UNSUITABLE DURING EXCAVATION
- BELOW GROUND OBSTRUCTIONS FROM PREVIOUS BUILDINGS
- WORK IN / ADJACENT TO LIVE HIGHWAY

LAND DRAINS TO BE PROVIDED TO UNI-LOG WALLS TO SPECIALISTS DETAILS AND TO UPPER GARDENS. RUN-OFF TO BE CONNECTED TO SURFACE WATER DRAINAGE AND ULTIMATELY TO SOAKAWAYS. EXACT METHOD AND DRAWING TO BE CONFIRMED.