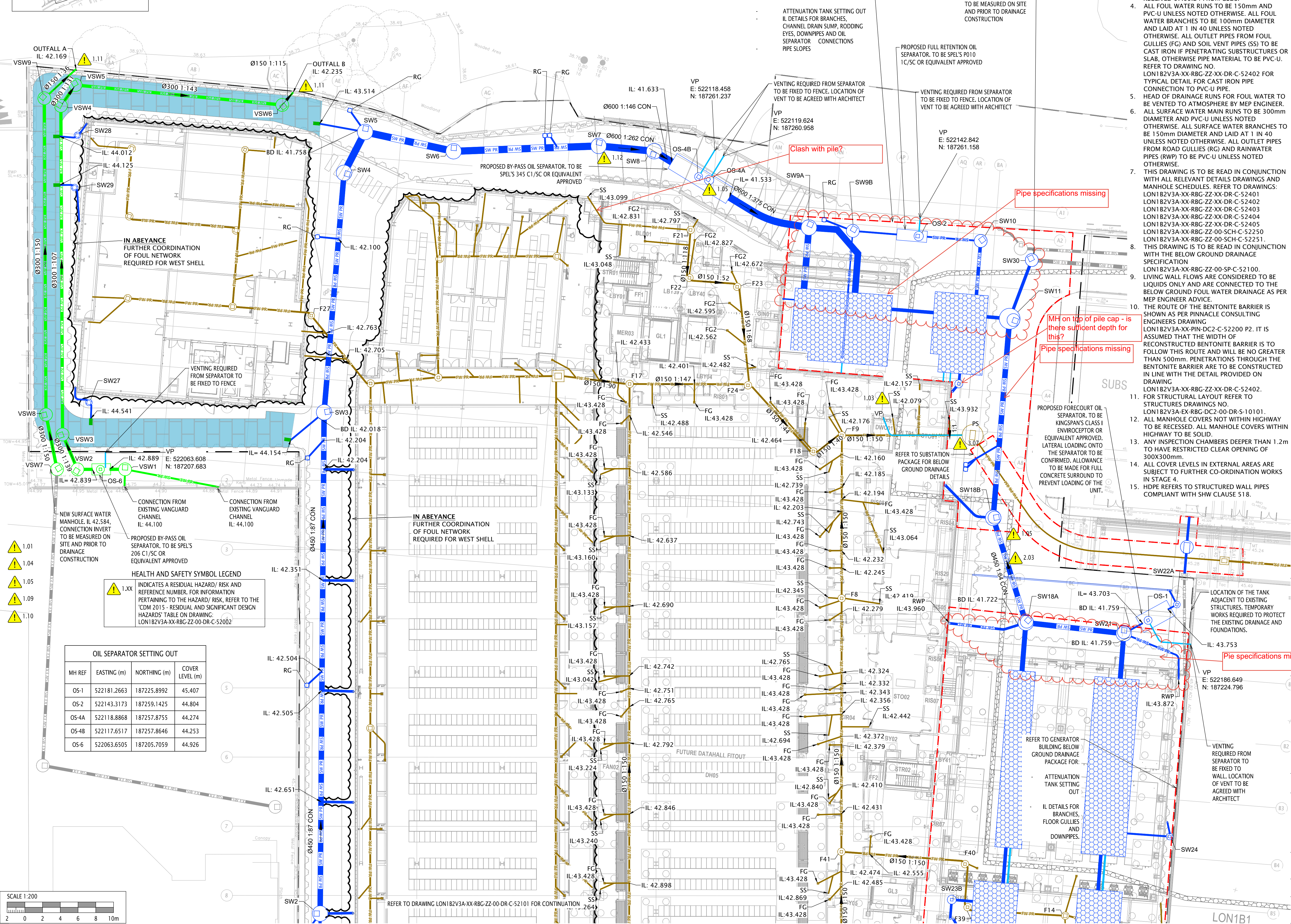


No technical comments - HL



NOTES:

- DO NOT SCALE THIS DRAWING.
- ALL DIMENSIONS ARE IN METRES U.N.O
- THIS DRAWING IS BASED ON:
  - TOPO SURVEY:
    - LON182V3A-XX-PIN-DC2-XX-DR-C-01020 RECEIVED 02.04.23 FROM PINNACLE ARCHITECTS LAYOUT:
    - LON182V3A-XX-SNH-XX-XX-DR-A-00102\_P00 RECEIVED ON 20.05.24 FROM SNH MEP AND UNDERGROUND SERVICES:
    - LON182V3A-XX-CBD-ZZ-XX-M3-J-00001 RECEIVED 07.05.24 FROM CBDSP
- ALL FOUL WATER RUNS TO BE 150mm AND PVC-U UNLESS NOTED OTHERWISE. ALL FOUL WATER BRANCHES TO BE 100mm DIAMETER AND LAID AT 1 IN 40 UNLESS NOTED OTHERWISE. ALL OUTLET PIPES FROM FOUL GULLIES (FG) AND SOIL VENT PIPES (SS) TO BE CAST IRON IF PENETRATING SUBSTRUCTURES OR SLAB, OTHERWISE PIPE MATERIAL TO BE PVC-U. REFER TO DRAWING NO. LON182V3A-XX-RBG-ZZ-XX-DR-C-52402 FOR TYPICAL DETAIL FOR CAST IRON PIPE CONNECTION TO PVC-U PIPE.
- HEAD OF DRAINAGE RUNS FOR FOUL WATER TO BE VENTED TO ATMOSPHERE BY MEP ENGINEER. ALL SURFACE WATER MAIN RUNS TO BE 300mm DIAMETER AND PVC-U UNLESS NOTED OTHERWISE. ALL SURFACE WATER BRANCHES TO BE 150mm DIAMETER AND LAID AT 1 IN 40 UNLESS NOTED OTHERWISE. ALL OUTLET PIPES FROM ROAD GULLIES (RG) AND RAINWATER PIPES (RWP) TO BE PVC-U UNLESS NOTED OTHERWISE.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT DETAILS DRAWINGS AND MANHOLE SCHEDULES. REFER TO DRAWINGS:
  - LON182V3A-XX-RBG-ZZ-XX-DR-C-52401
  - LON182V3A-XX-RBG-ZZ-XX-DR-C-52402
  - LON182V3A-XX-RBG-ZZ-XX-DR-C-52403
  - LON182V3A-XX-RBG-ZZ-XX-DR-C-52404
  - LON182V3A-XX-RBG-ZZ-XX-DR-C-52405
  - LON182V3A-XX-RBG-ZZ-00-SCH-C-52250
  - LON182V3A-XX-RBG-ZZ-00-SCH-C-52251
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE BELOW GROUND DRAINAGE SPECIFICATION
  - LON182V3A-XX-RBG-ZZ-00-SP-C-52100.
- LIVING WALL FLOWS ARE CONSIDERED TO BE LIQUIDS ONLY AND ARE CONNECTED TO THE BELOW GROUND FOUL WATER DRAINAGE AS PER MEP ENGINEER ADVICE.
- THE ROUTE OF THE BENTONITE BARRIER IS SHOWN AS PER PINNACLE CONSULTING ENGINEERS DRAWING LON182V3A-XX-PIN-DC2-C-52200 P2. IT IS ASSUMED THAT THE WIDTH OF RECONSTRUCTED BENTONITE BARRIER IS TO FOLLOW THIS ROUTE AND WILL BE NO GREATER THAN 500mm. PENETRATIONS THROUGH THE BENTONITE BARRIER ARE TO BE CONSTRUCTED IN LINE WITH THE DETAIL PROVIDED ON DRAWING LON182V3A-XX-RBG-ZZ-XX-DR-C-52402.
- FOR STRUCTURAL LAYOUT REFER TO STRUCTURES DRAWINGS NO. LON182V3A-EX-RBG-DC2-00-DR-S-10101.
- ALL MANHOLE COVERS NOT WITHIN HIGHWAY TO BE RECESSED. ALL MANHOLE COVERS WITHIN HIGHWAY TO BE SOLID.
- ANY INSPECTION CHAMBERS DEEPER THAN 1.2m TO HAVE RESTRICTED CLEAR OPENING OF 300X300mm.
- ALL COVER LEVELS IN EXTERNAL AREAS ARE SUBJECT TO FURTHER CO-ORDINATION WORKS IN STAGE 4.
- HDPE REFERS TO STRUCTURED WALL PIPES COMPLIANT WITH SHW CLAUSE 518.

- CON REFERS TO CONCRETE PIPE
- ALL ATTENUATION TANKS AND OIL SEPARATORS TO BE PROVIDED WITH VENT PIPES VENTED TO HIGH LEVEL
- FOR ELECTRICAL CONNECTIONS FOR ALL OIL SEPARATORS AND PUMPING STATION REFER TO CBDSP DR NO LON182V3A-E1-CBD-ZZ-ZZ-DR-Z-60001.
- FOR PUMPING STATION DETAILS REFER TO DR NO LON182V3A-E1-RBG-SUB-XX-DR-C-52425 AND FOR SPECIFICATIONS REFER TO LON182V3A-E1-RBG-SUB-00-SP-C-52125.
- LOCATION OF ROAD GULLIES ARE SUBJECT TO FURTHER COORDINATION WORKS IN STAGE 4. GULLY SHOWN ON THIS DRAWING ARE INDICATIVE AT THIS STAGE.
- LOCATION OF RAINWATER PIPES FROM WEST SHELL ARE SUBJECT TO FURTHER COORDINATION WORKS IN STAGE 4. RAINWATER PIPES FROM WEST SHELL SHOWN ON THIS DRAWING ARE INDICATIVE AT THIS STAGE.

LEGEND:

- PROPOSED SURFACE WATER PIPE
- PROPOSED SURFACE WATER MANHOLE / INSPECTION CHAMBER
- PROPOSED RAIN WATER PIPE (RWP)
- PROPOSED ROAD GULLY
- ACO MULTIDRAIN M1000/DS CHANNEL AND UNIVERSAL SUMP
- PROPOSED RODDING EYE
- PROPOSED VENT PIPE
- PROPOSED OIL SEPARATOR
- PROPOSED ATTENUATION TANK
- PROPOSED PERMEABLE PAVING
- PROPOSED FOUL WATER PIPE
- PROPOSED FOUL WATER MANHOLE / INSPECTION CHAMBER / PUMPING STATION
- PROPOSED FOUL GULLY
- PROPOSED FOUL WATER (SS/SVP)
- INVERT LEVEL/BACKDROP LEVEL
- BENTONITE BARRIER
- EXISTING SURFACE WATER PIPE
- EXISTING SURFACE WATER MANHOLE
- SHEET PILING
- SITE BOUNDARY
- AREAS CURRENTLY UNDER CONSTRUCTION
- PROPOSED VANGUARD SURFACE WATER PIPE
- PROPOSED VANGUARD SURFACE WATER MANHOLE
- PROPOSED VANGUARD OIL SEPARATOR
- PROPOSED PERMAVOID DIFFUSER UNIT

Review Status B

Revision	Description	Date	Drawn	Checked
C02	EAST PHASE FULL ISSUE FOR CONSTRUCTION APPROVAL	20/06/24	DS	GI
C01		25/04/24	DS	GI

**SNHA**  
A WOOLPERT COMPANY  
chapmanbdsp

**RobertBirdGroup**  
Member of the Surbana Jurong Group

Client's Name

**PURE DC**

Project  
**CRICKLEWOOD DATA CENTRE**

Drawing Title  
**BELOW GROUND DRAINAGE  
GENERAL ARRANGEMENT  
(SHEET 2)**

Scale	Drawn	Design Checker	Project No.
1:200	D.STEPTOE	P.AWILL	5185

Client Project No. LON182V3A-XX-RBG-ZZ-00-DR-C-52102

Phase Originator Volume Level Type Role Number

Suitability Code Status Revision

CR For Construction Approval C02