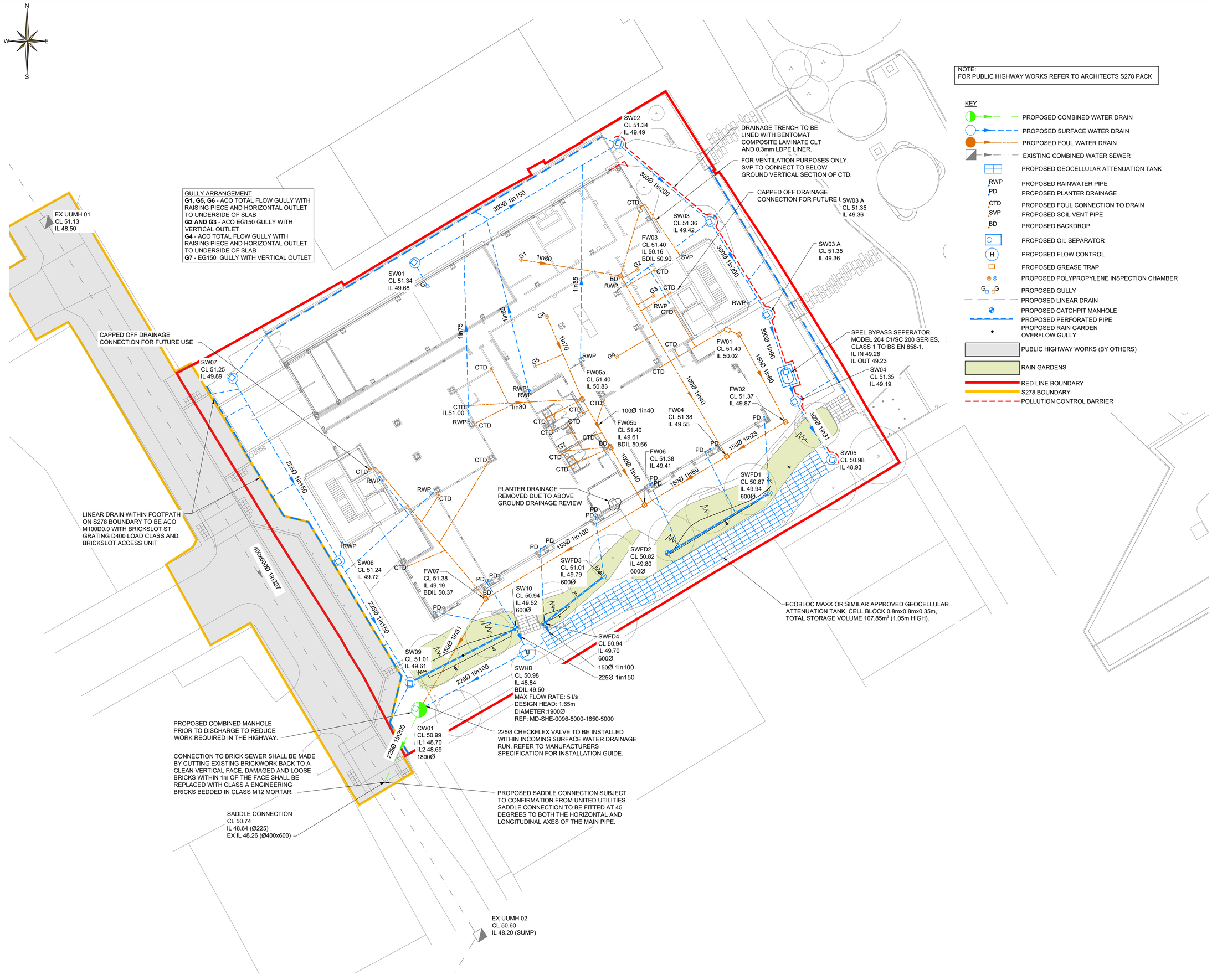


NOTE:
FOR PUBLIC HIGHWAY WORKS REFER TO ARCHITECTS S278 PACK

KEY

- PROPOSED COMBINED WATER DRAIN
- PROPOSED SURFACE WATER DRAIN
- PROPOSED FOUL WATER DRAIN
- EXISTING COMBINED WATER SEWER
- PROPOSED GEOCELLULAR ATTENUATION TANK
- RWP PROPOSED RAINWATER PIPE
- PD PROPOSED PLANTER DRAINAGE
- CTD PROPOSED FOUL CONNECTION TO DRAIN
- SVP PROPOSED SOIL VENT PIPE
- BD PROPOSED BACKDROP
- PROPOSED OIL SEPARATOR
- H PROPOSED FLOW CONTROL
- PROPOSED GREASE TRAP
- PROPOSED POLYPROPYLENE INSPECTION CHAMBER
- G G PROPOSED GULLY
- PROPOSED LINEAR DRAIN
- PROPOSED CATCHPIT MANHOLE
- PROPOSED PERFORATED PIPE
- PROPOSED RAIN GARDEN OVERFLOW GULLY
- PUBLIC HIGHWAY WORKS (BY OTHERS)
- RAIN GARDENS
- RED LINE BOUNDARY
- S278 BOUNDARY
- POLLUTION CONTROL BARRIER

NOTES:

1. THIS DRAWING IS BASED ON PLANIT I.E. LANDSCAPE GENERAL ARRANGEMENT, DRAWING NO. 2522-PLA-00-00-DR-L-0003, REV C01 AND BUTTRESS ARCHITECTS REVIT MODEL REVISION NO. P25.
2. TO BE READ IN CONJUNCTION WITH ALL RELEVANT KENNEDY REDFORD DRAWINGS.
3. EXISTING SEWER LOCATIONS AND LEVELS TO BE CONFIRMED BY CONTRACTOR ON SITE, PRIOR TO WORK COMMENCING.
4. PRIVATE DRAINS TO BE CONSTRUCTED IN ACCORDANCE WITH BUILDING REGULATIONS.
5. NO CONNECTION TO BE MADE TO THE PUBLIC SEWER UNTIL APPROVAL HAS BEEN RECEIVED FROM THE RELEVANT AUTHORITY.
6. ALL INSPECTION CHAMBER SIZES ARE 475Ø UNLESS INDICATED OTHERWISE.
7. UNLESS INDICATED OTHERWISE ALL PIPES TO BE LAID SOFFIT TO SOFFIT.
8. WHERE PROPOSED DRAINS ARE IN PROXIMITY TO PROPOSED FOUNDATIONS, THE FOUNDATIONS SHALL BE TAKEN DEEPER TO BELOW THE DRAINS OR THE DRAIN SHOULD BE PROTECTED WITH A FULL CONCRETE SURROUND.
9. PROPOSED PIPEWORK WITH LESS THAN THE FOLLOWING DEPTHS TO SOFFIT REQUIRES A CONCRETE SURROUND:
   - 1.2m IN ROADS
   - 0.6m UNDER FOOTPATHS AND UNDER BUILDINGS.
10. ALL PRIVATE SURFACE WATER PIPES TO BE MIN 150mmØ LAID AT A MAX 1:80 GRADIENT U.N.O.
11. ALL UNDERSLAB FOUL PIPES TO BE 100mmØ LAID AT A MAX 1:40 GRADIENT U.N.O.
12. PROPOSED DRAINAGE IS SUBJECT TO CONFIRMATION (BY CONTRACTOR) OF LEVELS OF EXISTING DRAINAGE AT PROPOSED CONNECTION POINTS.
13. ALL LINEAR DRAINS TO BE ACO MULTIDRAIN M100D OR SIMILAR APPROVED UNLESS STATED OTHERWISE.
14. CONTRACTOR TO ARRANGE ALL SEWERS AND DRAINS TO BE FLUSHED OUT BEFORE FINAL CCTV SURVEY IS CARRIED OUT ON COMPLETION OF WORKS.
15. CONTRACTOR TO APPLY FOR SEWER PERMITS AND ROAD OPENING PERMITS AS NECESSARY FROM THE APPROPRIATE AUTHORITIES, PRIOR TO COMMENCING WORKS.
16. THE CONTRACTOR SHALL ALLOW FOR ALL TRAFFIC MANAGEMENT IN CONNECTION WITH ROAD AND SEWER WORKS.
17. THE CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY WORKS AND CONSTRUCTION PROCEDURES.
18. EXTENTS OF ATTENUATION TANK TO BE REFINED TO SUIT LANDSCAPE LAYOUT. PRODUCT SECTION WILL INFLUENCE THE FLEXIBILITY OF THE ARRANGEMENT.
19. ALL MANHOLE SIZES ARE 1200Ø UNLESS INDICATED OTHERWISE.
20. ALL EXTERNAL MANHOLE AND INSPECTION CHAMBER COVERS TO BE RECESSED UNLESS NOTED OTHERWISE.
21. MEP DESIGNER TO REVIEW LOCATIONS FOR COORDINATION WITH ABOVE GROUND DRAINAGE STRATEGY.
22. LANDSCAPE ARCHITECT TO REVIEW MANHOLES, ACCESS POINTS IN SOFT AND HARD LANDSCAPING.
23. REFER TO 45306-BUT-ZZ-00-DR-2300-P04 FOR SETTING OUT.
24. ALL INTERNAL INSPECTION CHAMBERS TO BE RECESSED, DOUBLE SEALED WITH SCREW DOWN COVERS.

REV	DATE	DESCRIPTION	DRN	CHK	APR
FC	10.09.24	FINAL CONSTRUCTION	A.W	R.B	P.V
C10	23.08.24	SW INVERT LEVELS REVIEWED	N.R	R.B	J.H
C09	26.07.24	INTERNAL IC NOTE ADDED	M.M	P.V	R.B
C08	02.07.24	RAIN GARDEN OVERFLOW OUTLET ADDED	M.M	P.V	R.B
C07	09.05.24	PLANTER DRAINAGE REMOVED	M.M	P.V	R.B
C06	15.02.24	BELOW GROUND SLAB DRAINAGE UPDATED	M.M	P.V	R.B
C05	07.02.24	BELOW GROUND SLAB DRAINAGE UPDATED	M.M	P.V	R.B
C04	02.02.24	BELOW GROUND SLAB DRAINAGE UPDATED	M.M	P.V	R.B
C03	08.09.23	RELOCATION OF SW02	M.M	P.V	R.B
C02	30.08.23	DRAINAGE AMENDED	M.M	P.V	R.B
C01	27.06.23	CONSTRUCTION ISSUE	M.M	P.V	R.B
P08	14.06.23	SURFACE WATER AND FOUL WATER REVIEWED	M.M	P.V	R.B
P07	15.05.23	EXISTING SEWER & PROPOSED CONNECTION REVIEWED	M.M	P.V	R.B
P06	03.04.23	STAGE 4 DESIGN ISSUE	M.M	P.V	R.B
P05	24.03.23	FOUL WATER REVIEWED	M.M	P.V	R.B
P04	14.03.23	MANHOLE REF REVIEWED	M.M	P.V	R.B
P03	09.03.23	MANHOLE COVERS ADDED.	M.M	P.V	R.B
P02	24.02.23	DRAWING NO. UPDATED AS PER B&K REQUIREMENTS. DRAINAGE LAYOUT UPDATE.	M.M	P.V	R.B
P01	18.11.22	PRELIMINARY ISSUE	M.M	R.B	P.V

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Kennedy Redford MANAGING VISION

CLIENT

BOWMER + KIRKLAND

PROJECT NAME

ANCOATS MOBILITY HUB

DRAWING TITLE

DRAINAGE LAYOUT - GROUND FLOOR AND EXTERNAL

DATE	SCALE	SHEET SIZE	REV
18.11.22	1:200	A1	FC

DRAWING STATUS

FC - FINAL CONSTRUCTION

DRAWING NUMBER

45306 - KRD - XX - EX - DR - C - 5201