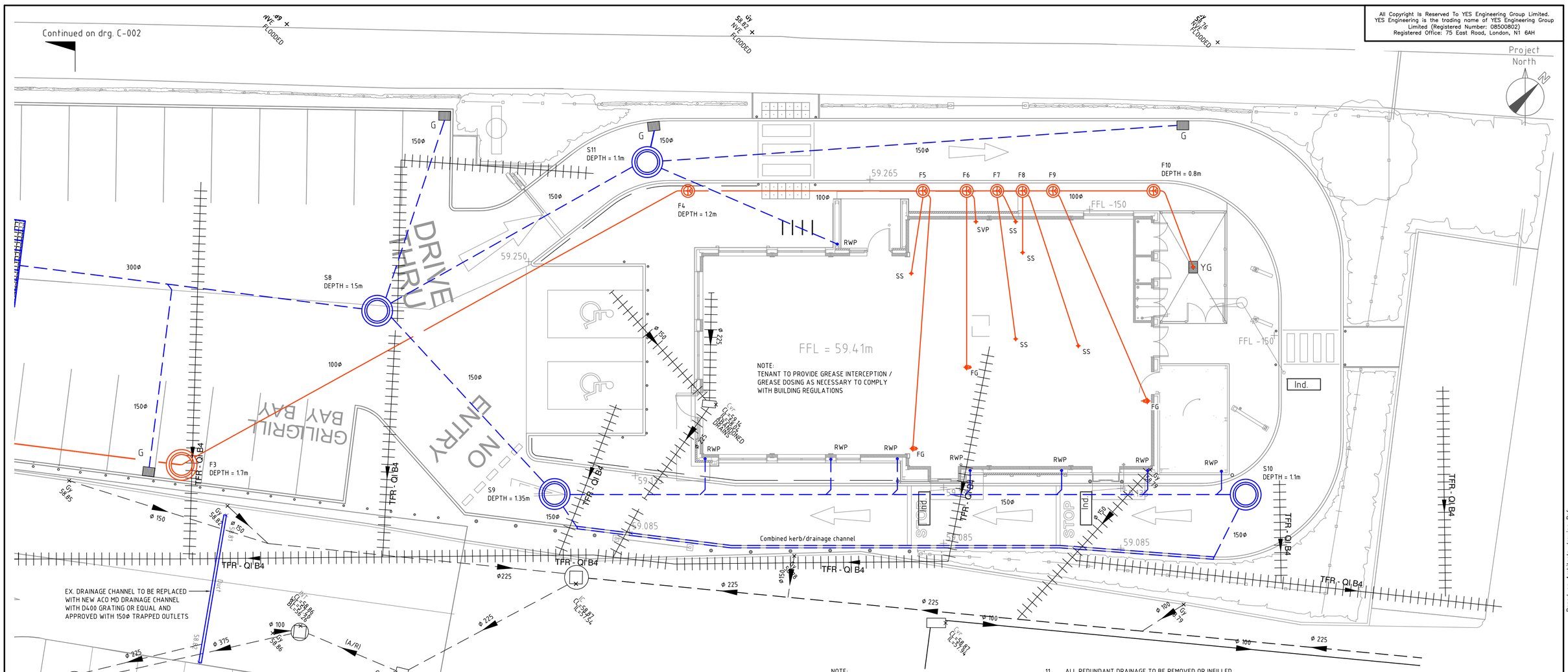
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LEGEND

- EXISTING FOUL WATER / COMBINED DRAINAGE
- EXISTING SURFACE WATER DRAINAGE
- EXISTING DRAINAGE TO BE REMOVED OR FILLED, AS AGREED WITH BCO
- NEW FOUL WATER DRAINAGE
- NEW SURFACE WATER DRAINAGE
- NEW CONCRETE RING MANHOLE (1200Ø)
- NEW INSPECTION CHAMBER (450Ø PPIC)
- RA — RODDING ACCESS
- SVP/SS RWP — NEW 100Ø FW / SW DRAIN POINT TO RECEIVE SVP / SS / RWP
- FG — FLOOR GULLY
- CHANNEL — DRAINAGE CHANNEL (ACO MD DRAINAGE CHANNEL WITH D400 GRATING OR EQUAL AND APPROVED) WITH 150Ø TRAPPED OUTLET
- COMBINED KERB/DRAINAGE CHANNEL E.G. MARSHALLS BEANY BLOCK OR SIMILAR
- G — ROAD GULLY (150Ø)
- YG — YARD GULLY (100Ø)

NOTE:
REFER TO DRAWING 1512402-C-004 FOR DRAINAGE DETAILS

NOTE:

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER PROJECT DOCUMENTATION, THE BUILDING REGULATIONS, ENVIRONMENT AGENCY AND UTILITY COMPANY REQUIREMENTS.
2. REFER TO DRAWING NO. S-001 FOR PROJECT NOTES.
3. CONTRACTOR TO LOCATE ALL EXISTING DRAINAGE RUNS AND SERVICES PRIOR TO COMMENCING WORKS. REFER TO NOTE B4.
4. ALL NEW FOUL AND SURFACE WATER DRAINAGE TO BE PVC TO BS 4460 AND BS 5481:1989 OR VCW TO BS EN 295.
5. ALL MANHOLE COVERS WITHIN ROADS & VEHICLE ACCESSIBLE AREAS TO BE D400.
6. ALL MANHOLE COVERS WITHIN PEDESTRIAN AREAS TO BE B125.
7. OTHER THAN MANHOLES IN BITMAC & CONCRETE FINISHES, ALL MANHOLE COVERS IN PAVING AREAS TO BE INFILL TYPE TO RECEIVE PAVING. MANHOLE COVERS IN BITMAC OR CONCRETE TO BE SOLID.
8. ALL FOUL WATER MANHOLE COVERS TO BE SINGLE SEAL.
9. MANHOLES, INSPECTION CHAMBERS & RODDING ACCESSES ETC SHOULD BE SET OUT TO AVOID FOOTPATHS, PATIOS, FENCES, WALLS, HEDGES ETC. COORDINATE COVERS WITH LANDSCAPING. COVERS SHALL NOT BE PART IN HARD/SOFT LANDSCAPING. WHERE POSSIBLE, SHARED DRAINAGE ACCESS POINTS SHALL BE IN COMMON AREAS
10. MANHOLE COVER LEVELS INDICATED ON THE MANHOLE SCHEDULE ARE INDICATIVE ONLY AND SHOULD BE CO-ORDINATED TO SUIT EXTERNAL LANDSCAPING FINISHES AND LEVELS.
11. ALL REDUNDANT DRAINAGE TO BE REMOVED OR INFILLED, AS AGREED WITH BCO.
12. LIVE DRAINS ARE TO BE RETAINED OR DIVERTED; REQUEST INSTRUCTIONS FROM THE CA UNO.
13. WE NOTE THAT OTHER DRAINS MAY EXIST ON THE SITE. WHERE EXISTING DRAINS ARE LOCATED, CARRY OUT SURVEY AS NOTE B4.
14. ALL RETAINED EXISTING DRAINAGE SHALL BE INSPECTED AS NOTE B4. REPLACE/REPAIR DEFECTIVE DRAINAGE. RESET MANHOLE COVERS, GRATINGS ETC. AGREE DETAILS WITH THE CA BEFORE PROCEEDING.
15. REFER TO MANHOLE SCHEDULE FOR SIZES AND GRADIENTS OF MAIN DRAINAGE.
16. ALL FOUL WATER BRANCH DRAINAGE TO BE 100Ø AT A GRADIENT OF 1:40 UNLESS NOTED OTHERWISE.
17. ALL SURFACE WATER BRANCH DRAINAGE TO BE 100Ø AT A GRADIENT OF 1:100 UNLESS NOTED OTHERWISE.
18. BACKFILL OVER SOAKAWAYS TO ALLOW FOR HGV ACCESS. ALL SOAKAWAYS TO HAVE ACCESS FOR MAINTENANCE/INSPECTION. SOAKAWAY CONSTRUCTION TO ALLOW FOR CLEANING.
19. EXISTING DRAINAGE LAYOUT BASED ON TOPOGRAPHICAL SURVEY DRAWING 20402_OGL REV2
20. FOR CONNECTION POINTS AND THEIR LOCATIONS RAD.
21. UPON COMPLETION TEST ALL DRAINS AND CARRYOUT FULL CCTV SURVEY. REFER TO NOTE B4.

ROUTINE MAINTENANCE

1. ROUTINE MAINTENANCE IS REQUIRED TO ENSURE CATCHPITS, GULLIES, PETROL INTERCEPTORS, SOAKAWAYS ETC. CONTINUE TO FUNCTION CORRECTLY AND TO AVOID LOCALIZED FLOODING.
2. IT IS NOTED THAT FAILURE TO CLEAR SEDIMENT ETC. FROM CATCH PITS CAN RESULT IN A PERMANENT LOSS OF PERFORMANCE OF ATTENUATION CHAMBER. FAILURE TO MAINTAIN PETROL INTERCEPTORS CAN RESULT IN UNACCEPTABLE HYDROCARBON DISCHARGES.

THIS DRAWING SHALL BE PRINTED IN COLOUR

THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT SPECIFICATIONS, DRAWINGS AND SCHEDULES.

ALL DIMENSIONS SHALL BE CHECKED ON SITE PRIOR TO COMMENCEMENT OF WORK.

FOR TENDER
NOT FOR CONSTRUCTION

No.	Revision	By	Chk	Date
0	FOR TENDER	AW	BE	21.03.17
B	PROPOSED LAYOUT REVISED	RC	BE	17.03.17
A	FOR INFORMATION	RC	BE	16.03.17

Date:	16.03.17	Project Eng:	BE
Scale @ A1:	1 : 100	Drawn By:	RC
Scale @ A3:	1 : 200	Checked By:	BE

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Client: COAL PENSION PROPERTIES LTD.

Project: 4 NO. NEW RETAIL PODS, LEEDS ROAD RETAIL PARK, HUDDERSFIELD

Title: DRAINAGE LAYOUT SHEET 1

Discipline: CIVIL

Drawing No.: 1512402-C-001 Rev.: 0

Document No. 1512402-C-001-002

Based on Architects drawing Ref:

DO NOT SCALE

IF IN DOUBT ASK.