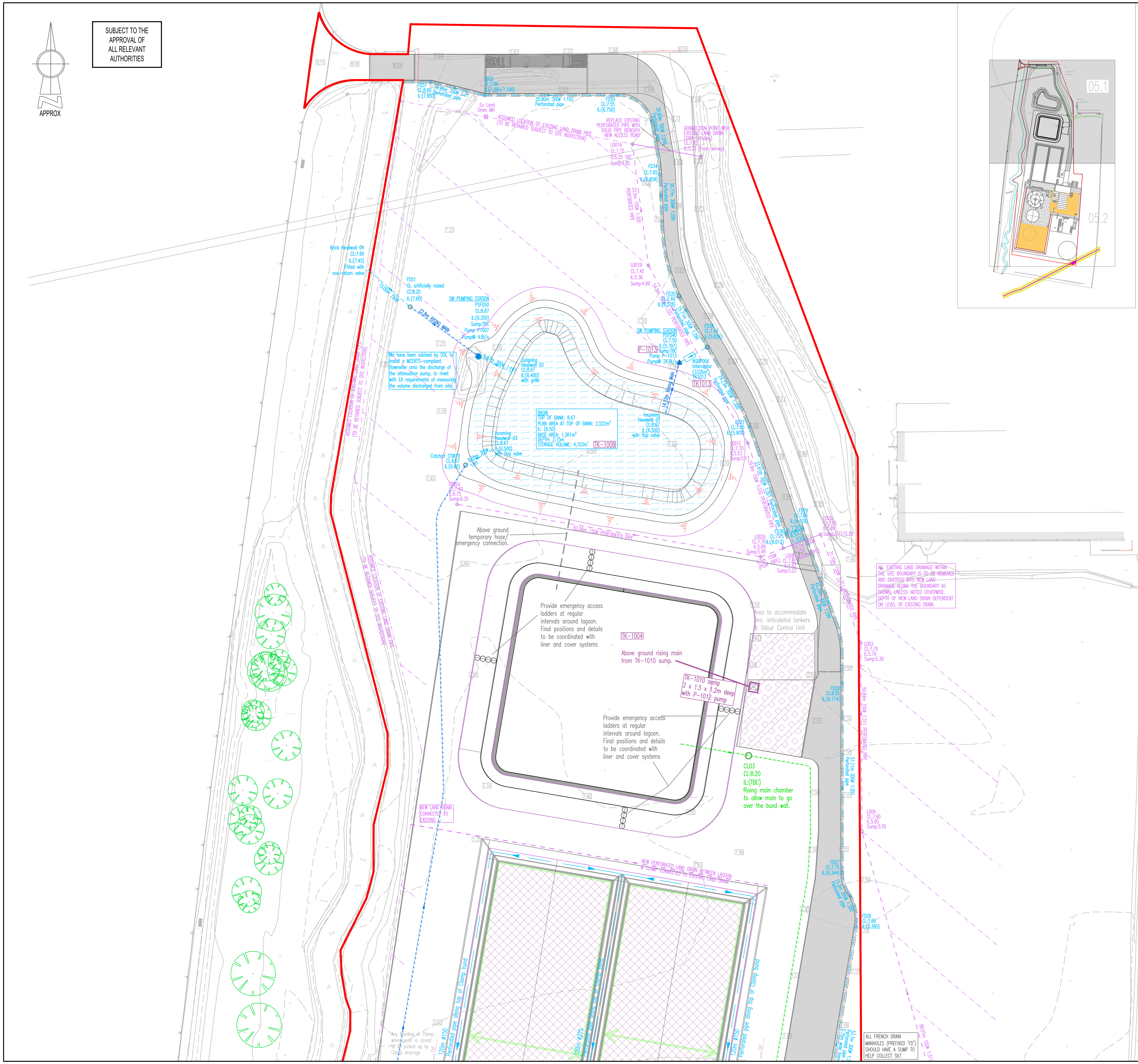


KEY

G	Gully
	Storm Water Manhole
	Foul Water Manhole
	Storm Water Drain
	Surface Water Rising Main
	Foul Water Drain
	Existing Land Drain TBC
	Proposed Land Drain TBC
	Clamp Drainage to Lagoon
ACO Channel	Channel Drain (min D400 grade cover)
Dished Channel	Dished Channel
(0.000)	Storm Water Invert Level
0.000	Foul Water Invert Level
	Clean Water Tank Pond
0.00	Existing Ground Level
	Landscaping
	Gravel
	Tarmac
	Concrete
	Building
	Road French Drain 600mm wide unless otherwise stated
	Extents of Dirty Water area discharging into Sump Pit TK1010. Pump P-1012 to discharge back into lagoon.
	Extents of Dirty Water when Clamp cover is open. Area discharges into Sump Pit TK1002.
	Extents of Clean Water discharge into land drains when Clamp cover is closed.

N O T E S

ATTENTION IS DRAWN TO THE REQUIREMENTS OF THE CONSTRUCTION DESIGN AND MANAGEMENT REGULATIONS 2015 AND THE DUTIES AND RESPONSIBILITIES CONTAINED THEREIN

ALL DESIGNS ARE SUBJECT TO THE APPROVAL OF ALL RELEVANT AUTHORITIES

General Notes

1. This drawing is to be read in conjunction with all relevant ARP and Architects drawings and project specifications.
2. All drainage works shall be carried out in accordance with the relevant parts of BSEN 752 'Drains and Sewer Systems Outside Buildings', the current Building Regulations and the Local Authority Building Control specifications and requirements.
3. The location, size and depth of all existing drains/sewers and services shall be established by the contractor prior to commencement of works on site. Any discrepancies from the information indicated on these drawings shall immediately be brought to the attention of the engineers.
4. All levels and dimensions shall be verified on site prior to commencement of any works. Any discrepancies shall immediately be brought to the attention of the engineers.
5. All pipes shall be laid with soffits level. All manhole/inspection chamber invert levels shown are for the outlet pipe (unless specified otherwise). All pipe runs shall be laid to the levels indicated.
6. All private foul and surface water pipes to be 100mm ø unless stated otherwise.
7. All connections to public sewers to be a minimum of 150mm ø.
8. All private manholes within drives to have D400 covers with concrete collar.
9. All private backdrop manholes to be 1200mmø PCC chambers unless stated otherwise.
10. All RWP's & SVP's connections to be 100mm dia (unless specified otherwise by the Architect). Gully connections to be 150mm dia.
11. All RWP's, SVP's and connections are shown indicatively or to the latest Architects drawings. Position of down pipes must be confirmed from Architects drawing before laying underground pipework. All down pipes should be provided with a roddable access point above the FFL.
12. All private drainage laid within 1m from tree canopies and hedges to have concrete bed and surround.
13. Filled ground or soft spots must be excavated, backfilled and consolidated before any drainage works are carried out.
14. All excavations in areas of high water tables and granular materials with high sand/silt contents shall be wrapped with a suitable geotextile filter membrane to prevent migration of sands/silts. Full height clay stanks across trenches and/or at manhole locations at 25m intervals to restrict water movement along the excavation shall be provided.
15. No water should be allowed to discharge from any private drives onto the adoptable highways. All private gullys and channel drainage positions shown may vary to suit on site working conditions.
16. Do not scale from this drawing.

DRAFT

FOR COMMENT

(NOT TO BE USED FOR CONSTRUCTION)

Rev	By	Date	Revision	Chk	Apvd
P	LC	15.10.26	Background stripped & DMT pipe removed.		APH
N	RF	09.10.26	Route of land drain taken to west of road		
M	RF	02.10.26	MCERTS-compliant flowmeter at PSFD50		
L	RF	03.9.26	Basin note corrected to Top of Bank: 8.67		
K	RF	21.8.26	New perforated land drain to be 150ø max		
J	MW	14.8.26	Tank, basin and road drainage revised		
H	RF	21.7.26	Revised site layout		
G	RF	26.6.26	Sumps required on french drain MH for silt		
F	RF	23.6.26	Manhole covers lowered to suit new levels		
E	RF	02.6.26	Pond increased to reduce 05.2 tank by 25%		
D	RF	28.5.26	Pond increased to cope with increased pump rate from Tank		
C	RF	08.5.26	Position of Access road & Lagoon updated		
B	RF	28.4.26	Top of Clamp bund with perforated drains, headwall HW04 rotated 45°		
A	RF	17.4.26	Position of Lagoon revised		
/	RF	09.4.26	Issued for Comment		

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ARP Associates is a trading division of ARP Geotechnical Ltd, a company registered in England and Wales with company number 3771811, whose registered office is at 5/6 Northwest Business Park, Servia Hill, Leeds LS6 2QH

TITLE
PROPOSED DRAINAGE
SHEET 1 OF 2

PROJECT
ENGIE AD PLANT
SHERBURN IN ELMET

CLIENT
S9 CONSTRUCTION LTD

DRAWING STATUS
PRELIMINARY

Scale	Date	Drawn	Chk.
1:500 @ A1	MAR 26	RF	

Drg. No. 2187/12/05.1 Rev P