ALL DRAINAGE ALARM SYSTEM COVERING SPEL GREASE TRAPS AND TREATMENT UNITS MUST BE INSTALLED, CONNECTED AND COMMISSIONED SPEL PRIOR TO PRACTICAL HANDOVER OF THE STORE TO MCDONALD'S

SWCPIT 1
CL=155.120
IL =153.34
SIZE=Ø600

FWPPIC 10
CL=156.04
IL=154.60
SIZE=Ø600

GREASE TRAP
CL=155.90
ILin=154.20
ILout=154.14
SIZE=2000 l

FWPPIC 11
CL=156.04
IL=154.40
SIZE=Ø600

SWCPIT 14
CL=156.04
IL=154.90
SIZE=Ø600

SWCPIT 2
CL=155.60
IL =153.76
SIZE=Ø1200

SWCPIT 15
CL=155.70
IL =154.80
SIZE=Ø1200

13m FILTER TRENCH
0.4X0.4 WITH 150mm
OVERFLOW PIPE

FWPPIC 2
CL=155.70
IL=153.20
SIZE=Ø600

FWPPIC 12
CL=156.08
IL=154.60
SIZE=Ø600

FWPPIC 5
CL=156.07
IL=154.50
SIZE=Ø600

FFL 155.10
STACK IL =155.05
INTERNAL DRAINAGE
POINT TBC

GT150
GREASE TRAP

SWCPIT 3
CL=155.40
IL =153.84
SIZE=Ø1200

FWPPIC 3
CL=156.04
IL=154.00
SIZE=Ø600

FWPPIC 4
CL=156.07
IL=154.35
SIZE=Ø600

FWPPIC 6
CL=156.04
IL=154.30
SIZE=Ø600

SWCPIT 10
CL=156.05
IL =154.80
SIZE=Ø600

ACO SWIRL
(AS2) FILTER
UNIT Ø750 ID
CL = 155.46
ILout = 153.89

FLOW CONTROL
CHAMBER SW11
CL=155.46
IL =153.95
SIZE=Ø1200
ACO QBRAKE
1m HEAD 4.5L/S

SWCPIT 4
CL=155.40
IL =154.00
SIZE=Ø1200

FWPPIC 7
CL=156.07
IL=154.50
SIZE=Ø600

SWCPIT 11
CL=156.05
IL =155.00
SIZE=Ø600

FWPPIC 8
CL=156.04
IL=154.60
SIZE=Ø600

FWPPIC 9
CL=156.04
IL=154.75
SIZE=Ø600

FWPPIC1A
45DEG
BACKDROP
CL=155.30
IL=152.81
IL=151.82
SIZE=Ø600

SWCPIT 12
CL=156.05
IL =155.10
SIZE=Ø450

SWCPIT 9
CL=156.00
IL =154.35
SIZE=Ø1200

FWPPIC1
DEMARCATION
CL=155.30
IL=151.76
SIZE=Ø600

ATTENUATION 1 IMPERMEABLY
LINED
HEAVY DUTY SDS 400
CELLULAR STORAGE
SIZE=17m x 4.0m x 0.8m
GLmin=155.45
TOP OF TANK = 154.85
IL=154.05
NET STORAGE = 54.47 m³

FWR1
CL=155.30
IL=151.76
SIZE=Ø1200

ATTENUATION 2 IMPERMEABLY
LINED
HEAVY DUTY SDS 400
CELLULAR STORAGE
SIZE=24m x 5.0m x 0.8m
GLmin=155.65
TOP OF TANK = 155.05
IL=154.25
NET STORAGE = 96 m³

SWCPIT 5
CL=155.26
IL =154.10
SIZE=Ø1200

SWCPIT 8
CL=155.60
IL =154.25
SIZE=Ø1200

SWCPIT 6
CL=155.38
IL =154.35
SIZE=Ø600

SWCPIT 7
CL=155.50
IL =154.20
SIZE=Ø600

FWR1A
CL=155.650
IL=153.00
SIZE=Ø1200

ALL FOULWATER RUNS FROM TOILETS SHALL BE CONENCTED TO THE 45 OR 0 DEGREE. BLANKING FLANGES REQUIRED ON UNUSED INLETS

SURVEY KEY

FWD	EXISTING FOUL WATER SEWER
BT	EXISTING COMMS SERVICES
SWD	EXISTING SURFACE WATER SEWER
E	EXISTING ELECTRIC SERVICES
GAS	EXISTING GAS SERVICES

NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT DRAWINGS, DOCUMENTS AND SPECIFICATIONS. ANY DISCREPANCIES BETWEEN INFORMATION SHOWN ON THIS AND ANY OTHER DRAWING SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
2. DRAWING TO SCALE. MAY BE SCALED FOR PLANNING PURPOSES ONLY.
3. THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION PURPOSES UNLESS SPECIFICALLY STATED AS 'FOR CONSTRUCTION' IN THE DRAWING STATUS.
4. ALL DRAWING INFORMATION MUST BE READ FROM HARD COPY / PDF FILES ONLY, MARKED CHECKED. BEFORE PROCEEDING PLEASE ENSURE THE ISSUE STATUS IS APPROPRIATE FOR THE INTENDED USE. ALL INFORMATION EXTRACTED DIRECTLY FROM DRAWING FILES (E.G. DWG'S) IS DONE SO ENTIRELY AT THE USERS RISK.
5. ALL DRAINAGE TO BE INSTALLED TO BUILDING REGULATIONS PART H AND/ OR SCOTTISH BUILDING REGULATIONS
6. ALL DRAINAGE TO BS8582.
7. BUILDING INSPECTOR TO INSPECT ALL FOUL DRAINAGE INSTALLATION
8. **ALL DRAINAGE ALARM SYSTEMS COVERING GREASE TRAPS AND TREATMENT UNITS MUST BE INSTALLED, CONNECTED AND COMMISSIONED BY THE GROUNDWORK CONTRACTOR PRIOR TO PRACTICAL HANDOVER OF THE STORE TO MCDONALD'S**

KEY

- SITE BOUNDARY
- EXISTING SURVEY
- PROPOSED SITE LAYOUT
- SMH2 CPIT CL= 198.75 IL = 196.60 SIZE=Ø600 — DRAINAGE LABEL
- G — PROPOSED GULLEY WITH 150Ø PIPE
- 9.3m-100Ø 1:80 — PROPOSED SURFACE WATER DRAINAGE PIPEWORK SHOWING LENGTH, PIPE DIAMETER AND GRADE
- PROPOSED BUILDING SURFACE WATER PPIC CATCHPIT MANHOLE WITH 300mmSUMP
- RWP — PROPOSED RAINWATER DOWN PIPE INVERT 500mm BELOW PROPOSED EXTERNAL LEVEL (ALL OUTLETS 100Ø & TO HAVE RODDING ACCESS UNLESS OTHERWISE INDICATED)
- AP / OL — ACO KERBDRAIN DRAINAGE KERB WITH ACCESS POINT AND OUTLETS
- ACO MONO DRAIN PD100D U.N.O 10.0 DRAINAGE CHANNEL (BLACK)
- 9.3m-100Ø 1:80 — PROPOSED FOUL WATER DRAINAGE PIPEWORK SHOWING LENGTH, PIPE DIAMETER AND GRADE
- PROPOSED BUILDING FOUL WATER DRAINAGE INSPECTION CHAMBER
- 9.3m-100Ø 1:80 — PROPOSED GREASE WATER DRAINAGE PIPEWORK SHOWING LENGTH, PIPE DIAMETER AND GRADE
- PROPOSED BUILDING GREASE WATER DRAINAGE INSPECTION CHAMBER
- ALARMED 2000l SPEL GREASE TRAP WITH HARD WIRE TO MANAGERS OFFICE
- GT 1 150 LITRE GREASE TRAP
- 110Ø DUCTS FOR GREASE TRAP/ CABLES TO INCOMING ELECTRICS CUPBOARD (MUST BE INSTALLED, CONNECTED AND COMMISSIONED BY THE GROUNDWORK CONTRACTOR PRIOR TO PRACTICAL HANDOVER)
- LINED IMPERMEABLE HEAVY DUTY CELLULAR STORAGE SDS
- CONTROL CHAMBER - ACO QBRAKE FLOW CONTROL 1m HEAD 4.5 l/s LIMITING FLOW
- AS — ACO SWIRL AS2 FITLERING UNIT
- FWS — EXISTING FW SEWER CONFIRMED BY CCTV
- SWS — EXISTING SW SEWER CONFIRMED BY CCTV
- FILTER TRENCH WITH HIGH LEVEL OVERFLOW

FOR TENDER

Rev.	Description	Date	Chkd
T2	NOTE 2 UPDATED TO PERMIT SCALING FOR PLANNING PURPOSES	20/07/23 WJB	HBG

RESIDUAL HAZARDS IDENTIFIED

ITEM	DESCRIPTION
1	ASBESTOS IN SOIL BELOW EXISTING ALERT BARRIER

Glanville
3 Grovelands Business Centre
Boundary Way
Hemel Hempstead, Herts. HP2 7TE
Tel: (01442) 835999 Fax: (01442) 258924
postbox@glanvillegroup.com
www.glanvillegroup.com

Client : McDonald's RESTAURANT

Project : McDONALD'S LEEK CHURNETT CLOSE

Title : PROPOSED DRAINAGE LAYOUT

Project Engineer :	HBG	Scale :	1:200@A1
Project Director :	HBG	Date :	OCTOBER 2021
Status :	TENDER		

Drawing No. 4210369-1200 Rev T 2