DO NOT SCALE

NOTES

THE WORKS SHALL BE IN ACCORDANCE WITH THE NATIONAL BUILDING SPECIFICATION.

THE LOCATION LINE & LEVEL OF ALL KNOWN EXISTING DRAINAGE PIPEWORK INDICATED ON THE DRAWINGS ARE APPROXIMATE AND FOR GUIDANCE PURPOSES ONLY.

IT IS THE CONTRACTORS RESPONSIBILITY TO DETERMINE THEIR EXACT LINE AND LEVEL, BY WAY OF HAND EXCAVATED TRIAL PITS, PRIOR TO THE COMMENCEMENT OF ANY EXCAVATION WORKS ON SITE. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS AND MAINTAIN THE STRUCTURAL INTEGRITY OF ALL ABOVE AND BELOW GROUND SERVICE INSTALLATIONS.

THE CONTRACTOR SHALL IMPLEMENT AND MAINTAIN THROUGHOUT THE DURATION OF THE CONTRACT A FULL TRAFFIC MANAGEMENT SYSTEM TO ENSURE SAFE PASSAGE OF VEHICLES/PEDESTRIANS IN THE VICINITY OF THE WORKS. ALL TRAFFIC SIGNS, SIGNALS, BARRIERS ETC. SHALL BE IN ACCORDANCE WITH CHAPTER 8 OF THE TRAFFIC SIGNS MANUAL.

THE CONTRACTOR SHALL MAKE ADEQUATE PROVISION FOR DEALING WITH AND DISPOSING OF GROUND/SURFACE WATER ENCOUNTERED DURING EXCAVATIONS

ALL SOFT / HARD PAVED AREAS AFFECTED BY THE WORKS SHALL BE FULLY REINSTATED FOLLOWING THE INSTALLATION OF ALL DRAINAGE WORKS. ALL SURFACE MARKINGS AFFECTED BY THE WORKS SHALL BE FULLY REINSTATED.

ALL SURPLUS EXCAVATED MATERIAL SHALL BE DISPOSED IN A DESIGNATED AREA ON SITE.

UPON COMPLETION OF THE WORKS THE CONTRACTOR SHALL PROVIDE AS BUILT SETTING OUT CO-ORDINATE AND LEVEL INFORMATION.

PIPEWORK WITH LESS THAN 750mm OF COVER IN TRAFFICKED AREAS TO BE CONCRETE ENCASED. (BEDDING CLASS 2)

PIPEWORK WITH MORE THAN 750mm OF COVER TO HAVE CLASS S GRANULAR BED AND SURROUND.

THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTS, ENGINEERS AND SPECIALISTS DRAWINGS TOGETHER WITH THE APPROPRIATE SPECIFICATION.

IT IS THE CONTRACTORS RESPONSIBILITY TO CHECK ALL DIMENSIONS ON SITE. DIMENSIONS MUST NOT BE SCALED FROM THIS DRAWING. ANY DISCREPANCIES TO BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT IN WRITING.

ALL DIMENSIONS ARE IN MILLIMETRES, UNLESS NOTED OTHERWISE.

ALL LEVELS ARE IN METRES, UNLESS NOTED OTHERWISE.

LEGEND

- EXISTING FOUL SEWER
- PROPOSED FOUL DRAIN (TYPICALLY 100Ø UNLESS NOTED OTHERWISE)
- PROPOSED FOUL POLYPROPYLENE INSPECTION CHAMBER
- PROPOSED FOUL PRECAST CONCRETE MANHOLE
- SVP — PROPOSED SOIL VENT PIPE
- SS — PROPOSED STUB STACK
- SG — PROPOSED SHOWER GULLY
- GU — PROPOSED TRAPPED YARD GULLY
- SU — PROPOSED 'ACO' LINEAR DRAINAGE CHANNEL COMPLETE WITH ASSOCIATED SUMP OUTLET
- PROPOSED SURFACE WATER DRAIN (TYPICALLY 100Ø UNLESS NOTED OTHERWISE)
- PROPOSED SURFACE WATER POLYPROPYLENE INSPECTION CHAMBER
- PROPOSED SURFACE WATER PRECAST CONCRETE MANHOLE
- RG — PROPOSED TRAPPED ROAD GULLY
- SU — PROPOSED 'ACO' LINEAR DRAINAGE CHANNEL COMPLETE WITH ASSOCIATED SUMP OUTLET
- SU — PROPOSED 'ACO' KERB DRAINAGE COMPLETE WITH ASSOCIATED SUMP OUTLET

NOTES

1. THE CONTRACTOR SHALL CHECK ALL EXISTING MANHOLE INVERT LEVELS PRIOR TO THE COMMENCEMENT OF ANY DRAINAGE WORKS AND REPORT HIS FINDINGS BECK TO THE ENGINEER IN WRITING.
2. WHERE PROPOSED DRAINAGE PIPEWORK RUNS ARE IN CLOSE PROXIMITY TO THE NEW FOUNDATIONS, THE CONTRACTOR SHALL ALLOW FOR EXTENDING THE DEPTH OF NEW FOUNDATIONS IN LEAN MIX CONCRETE DOWN TO THE PROPOSED PIPE BEDDING LEVEL.
3. ALL FOUL OUTLET LOCATIONS ARE INDICATIVE AND AS SUCH WILL BE SUBJECT TO REVIEW UPON RECEIPT OF THE ARCHITECTS OUTLET SETTING OUT DRAWINGS.
4. RAINWATER DOWN SPOUT LOCATIONS ARE INDICATIVE AND AS SUCH WILL BE SUBJECT TO REVIEW UPON RECEIPT OF THE ARCHITECTS OUTLET SETTING OUT DRAWINGS.

MATCH LINE - FOR CONTINUATION, REFER TO DRAWING NUMBER CL(19)01

MATCH LINE A - FOR CONTINUATION, SEE INSET A BELOW

MATCH LINE B - FOR CONTINUATION, SEE INSET B BELOW

NOTES

THE LAYOUT OF THE INTERNAL FOUL DRAINAGE FROM THE FOOD PROCESSING AREA HAS YET TO BE DETERMINED AND AS SUCH IS NOT REFERENCED ON THIS PLAN.

ACCESS ROAD BETWEEN SITES TO BE INCREASED IN WIDTH FOR HGV ACCESS

ACCESS ROAD WIDTH TO PERIMETER SUITABLE FOR HGV (ONE WAY)

CLEAR AREA FOR HGV MANEUVERABILITY TO DOCK LEVELING AREA TO BE CONFIRMED

SMH 10.0 CL 33.700 IL 31.475 (150Ø) IL 31.400 (225Ø)

SMH 10.2 CL 33.400 IL 31.600

SMH 10.1 CL 33.755 IL 31.530

SMH 10.3 CL 33.000 IL 31.865

FMH 1.3 CL 33.865 IL 31.245

PROPOSED 'ACO M100D' LINEAR DRAINAGE CHANNEL 0.0 (OVERALL DEPTH 150mm) COMPLETE WITH LOAD CLASS D400 GRATING.

SMH 2.0 CL 33.760 IL 31.975 (150Ø) IL 31.600 (525Ø)

PROVIDE A VORTEX FLOW CONTROL DEVICE TO OUTFALL PIPEWORK TO LIMIT FORWARD FLOW TO 14 LITRES PER SECOND AT 1m HEAD.

SMH 1.4 CL 33.810 IL 31.175

FMH 1.4 CL 33.630 IL 31.530

PROPOSED 'SPEL PURACEPTOR' CLASS 1 FULL RETENTION PETROL/OIL SEPARATOR NS 15 MODEL P015/1CSC/A 150/150 COMPLETE WITH SILT CAPACITY. ALLOW FOR A 200mm THICK GRADE C28/35 CONCRETE BED AND 150mm THICK SURROUND ON 300mm THICK DOT TYPE 1 SUB-BASE. PROVIDE A SOLAR POWERED AUDIBLE AND VISUAL ALARM SECURED TO A 750 x750 x150mm THICK GRADE C28/35 CONCRETE BASE ON 300mm THICK DOT TYPE 1 SUB-BASE. EXACT LOCATION OF SEPARATOR ALARM AND SEPARATOR VENT PIPE TO BE AGREED. INSTALLATION TO BE STRICTLY IN ACCORDANCE WITH THE MANUFACTURES REQUIREMENTS.

CL 34.220 IL 31.065 (Inlet) IL 31.005 (Outlet)

SMH 2.1 CL 33.810 IL 31.725

SMH 1.3 CL 33.705 IL 30.845

FMH 1.5 CL 33.630 IL 31.805

PROPOSED 'ACO S100' LINEAR DRAINAGE CHANNEL S020 (OVERALL DEPTH 251mm) COMPLETE WITH LOAD CLASS F900 GRATING.

PROPOSED 'ACO S100' LINEAR DRAINAGE CHANNEL S010 (OVERALL DEPTH 191mm) COMPLETE WITH LOAD CLASS F900 GRATING.

LOCALLY DIVERT THE EXISTING PERIMETER DITCH MAINTAINING ALL EXISTING FALLS AND LEVELS.

SMH 2.4 CL 33.045 IL 32.185 (150Ø) IL 31.885 (450Ø) IL 31.810 (525Ø)

FMH 1.6 CL 33.575 IL 32.330

PROPOSED 'ACO S100' LINEAR DRAINAGE CHANNEL S05 (OVERALL DEPTH 161mm) COMPLETE WITH LOAD CLASS F900 GRATING.

PROPOSED 'ACO S100' LINEAR DRAINAGE CHANNEL S010 (OVERALL DEPTH 191mm) COMPLETE WITH LOAD CLASS F900 GRATING.

SMH 7.0 SIPHONIC BREAK CHAMBER COMPLETE WITH 600mm x600mm OPEN GRATING CL 34.0400 IL TBC (Siphonic) IL 33.015 (225Ø)

SMH 2.2 CL 33.975 IL 32.135 (150Ø) IL 32.060 (225Ø) IL 31.760 (525Ø)

FMH 1.7 CL 33.985 IL 33.200 (Inlet) IL 33.260 (Side In) IL 33.185 (Outlet)

SMH 8.0 SIPHONIC BREAK CHAMBER COMPLETE WITH 600mm x600mm OPEN GRATING CL 33.890 IL TBC (Siphonic) IL 32.790 (300Ø)

SMH 9.0 SIPHONIC BREAK CHAMBER COMPLETE WITH 600mm x600mm OPEN GRATING CL 33.890 IL TBC (Siphonic) IL 32.790 (300Ø)

SMH 2.5 CL 33.825 IL 32.275 (150Ø) IL 32.050 (300Ø) IL 31.975 (450Ø)

SMH 1.2 CL 33.650 IL 30.405

SMH 2.6 CL 33.785 IL 32.675

PROPOSED 'ACO KERBDRAIN 305' KERB DRAINAGE SYSTEM.

SMH 2.6 CL 33.665 IL 32.415 (150Ø) IL 32.190 (375Ø)

SMH 1.1 CL 33.740 IL 29.965

PROPOSED 'ACO S100' LINEAR DRAINAGE CHANNEL S020 (OVERALL DEPTH 251mm) COMPLETE WITH LOAD CLASS F900 GRATING.

PROVIDE NEW OUTFALL DITCH TO EXISTING CONCRETE SPILLWAY.

EXISTING CONCRETE SPILLWAY.

PROPOSED 'ALTHON' PRECAST HEADWALL H3C IL 29.320 (TBC). THE CONTRACTOR SHALL CONFIRM THE EXACT LEVEL OF WATERCOURSE PRIOR TO THE COMMENCEMENT OF ANY DRAINAGE WORKS AND REPORT BACK TO THE ENGINEER IN WRITING.

SMH 1.0 CL 29.865 IL 29.335

INSET A

INSET B

REV	DATE	BY	DESCRIPTION	CHK	APD
P2	14.01.16	DRL	ISSUED FOR PLANNING.	MCH	MCH
P1	08.01.16	DRL	ISSUED FOR INFORMATION	MCH	MCH

DRAWING STATUS: PLANNING

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CLIENT: The Village Bakery

ARCHITECT: DESIGN AND PLANNING ASSOCIATES

PROJECT: NEW BAKERY AND OFFICES, ASH ROAD, WREXHAM INDUSTRIAL ESTATE

TITLE: PROPOSED FOUL AND SURFACE WATER DRAINAGE LAYOUT SHEET 2

SCALE @ SIZE:	CHECKED:	
1:250 @ A0	MCH	PJB
CAD FILE:	DESIGN/DRAWN:	DATE:
-	DRL	NOV'15
PROJECT No:	DRAWING No:	REV:
T/15/1688	CL(19)02	P2