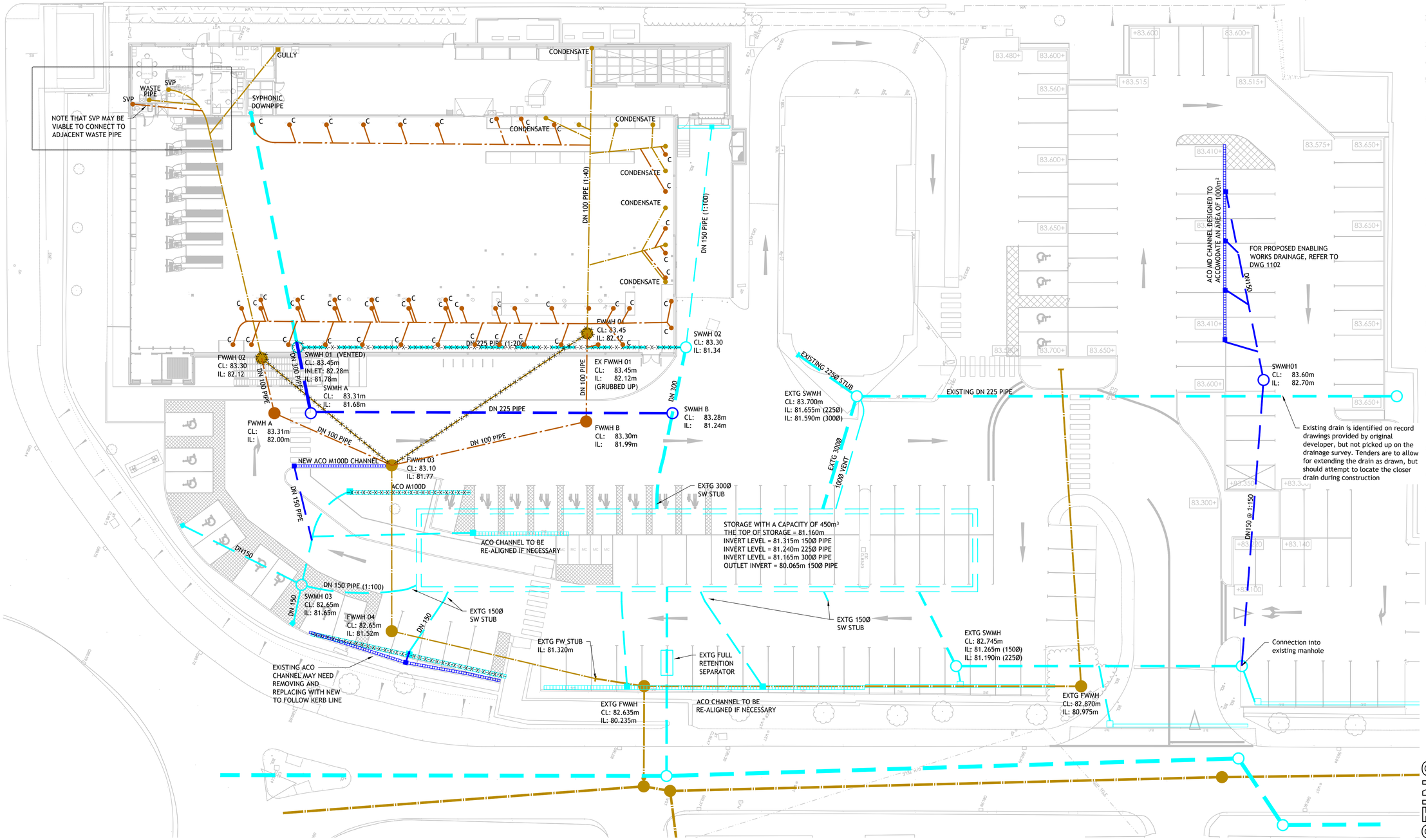


GENERAL

1. ALL DRAWINGS TO BE READ IN CONJUNCTION WITH THE SPECIFICATION
2. ALL DRAWINGS TO BE READ IN CONJUNCTION WITH THE RELEVANT ARCHITECTURAL AND STRUCTURAL DRAWINGS.
3. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
4. ALL LEVELS ARE IN METRES RELATIVE TO ORDNANCE DATUM.
5. ALL DIMENSIONS ARE TO BE CHECKED ON SITE BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF CONSTRUCTION

DRAINAGE

1. THIS DRAWING USES THE ARCHITECTURAL DRAWING AS A BACKGROUND. THE CONTRACTOR SHOULD USE ARCHITECTURAL DRAWINGS FOR SETTING OUT OF ALL POP-UPS AND ABOVE GROUND DRAINAGE POSITIONS.
2. REFERENCE SHOULD BE MADE TO ALL OTHER DRAINAGE DRAWINGS PROVIDED BY SWF CONSULTING WHICH GIVES CONSTRUCTION DETAILS.
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE DRAINAGE SPECIFICATION PREPARED FOR THIS PROJECT.
4. THE DESIGN OF THE PIPES HAS BEEN BASED ON THE FOLLOWING:
   a. 100Ø FOUL WATER PIPE: WAVIN OSMADRAIN
   b. 150Ø OR LARGER FOUL WATER PIPE: WAVIN ULTRARIB
   c. 150Ø OR LARGER SURFACE WATER PIPE: WAVIN TWINWALL.

   ALTERNATIVE PRODUCTS MAY BE USED WITH PRIOR APPROVAL FROM SWF CONSULTING.
5. THE EXACT LOCATION OF THE OUTFALL PIPE/MANHOLE IS TO BE CHECKED AND CONFIRMED TO SWF CONSULTING PRIOR TO COMMENCEMENT OF ANY DRAINAGE WORKS.
6. REFERENCE SHOULD BE MADE TO ANY CCTV SURVEY, SEWER RECORDS WHICH INDICATE THE EXISTING DRAINAGE SYSTEMS.
7. ON COMPLETION OF THE CONTRACT, THE PIPES AND OIL SEPARATOR SHALL BE JET CLEANED TO REMOVE ANY SILT OR CONSTRUCTION DEBRIS AND A CCTV SURVEY SHOULD BE UNDERTAKEN.
8. ONCE THE AS-BUILT SURVEY HAS BEEN COMPLETED A COPY OF THE SURVEY LOGS SHOULD BE ISSUED TO SWF CONSULTING TOGETHER WITH THE VIDEO FOOTAGE FOR THEIR COMMENT WITH DUPLICATE COPIES BEING ISSUED TO THE CDM CO-ORDINATOR FOR INCLUSION IN THE HEALTH & SAFETY FILES.
9. COVER LEVELS ARE INDICATIVE AND MAY NEED TO BE ADJUSTED TO SUIT THE ACTUAL FINISHED LEVELS OF THE EXTERNAL AREAS.
10. GRADIENTS INDICATED ON PIPES ARE MINIMUM GRADIENTS REQUIRED. HOWEVER, MANHOLE INVERT LEVELS ARE TO TAKE PRECEDENCE OVER THESE GRADIENTS.
11. POSITIONS OF MANHOLES, GULLYS AND DRAINAGE ARE TO BE SET OUT BY THE CONTRACTOR TO AVOID WHITE LINING DELINEATING CAR PARKING AREAS, KERB LINES ETC.

NOTE
THE ARCHITECTURAL BACKGROUNDS ARE A VISUAL REPRESENTATION OF THE PROPOSED BUILDING LAYOUT, BUT ARE NOT NECESSARILY DIMENSIONALLY ACCURATE AND THUS MAY NOT RELATE TO THE LOCATION OF THE STRUCTURAL MEMBERS

ABBREVIATIONS

CL	- COVER LEVEL	FG	- FLOOR GULLY
IL	- INVERT LEVEL	RE	- RODDING EYE
RG	- ROAD GULLY	SVP	- SOIL & VENT PIPE
C	- CONDENSATE	SS	- STUB STACK

FOUL WATER MANHOLE SCHEDULE

MANHOLE REF	COVER LEVEL (m)	INVERT LEVEL (m)	OUTGOING PIPE SIZE	DEPTH TO INVERT (m)	DEPTH TO SOFFIT (m)	MANHOLE TYPE	CHAMBER DIA	COVER TYPE	REMARKS	REVISION
FWMH A	83.310	82.000	100	1.310	1.210	E	1350	D400		
FWMH B	83.300	81.990	100	1.310	1.210	E	1350	D400		

SURFACE WATER MANHOLE SCHEDULE

MANHOLE REF	COVER LEVEL (m)	INVERT LEVEL (m)	OUTGOING PIPE SIZE	DEPTH TO INVERT (m)	DEPTH TO SOFFIT (m)	MANHOLE TYPE	CHAMBER DIA	COVER TYPE	REMARKS	REVISION
SWMH A	83.310	81.680	225	1.630	1.405	B	1200	D400		
SWMH B	83.280	81.240	300	2.040	1.740	B	1200	D400		

Rev	Date	Description	By	Chkd
P2	19/11/20	DISABLED WC DRAINAGE ADDED	MTB	DR
P1	04/11/20	ISSUED FOR TENDER	MTB	DR

SUITABLE FOR COSTING

Client: **ALDI STORES LTD**

Project Title: **ALDI KEMP STREET**

Project Address: **KEMP STREET MIDDLETON**

Drawing Title: **DRAINAGE PROPOSED PLAN**

Job No.	Originator	Zone	Level	Type	Role
79-E0679	SWF	XX	XX	DR	D

System Classification	Drawing No.	Suitability	Revision
SS_50_35	1111	D1	P2

Drawn	Checked	Date	Scale	Size
MTB	DR	OCT 2020	1:20	A1

Unit 4, Millbank House, Riverside
Business Park,
Wilmslow, Cheshire. SK9 1BJ.
Tel: 01625 419866
email: mail@swf.uk.com
www.swf.uk.com

SWF CONSULTING
CONSULTING CIVIL & STRUCTURAL ENGINEERS