Drainage Key

- Site Boundary
- Proposed Foul drain and manhole
- Proposed Storm drain and manhole
- Proposed Combined drain and manhole
- Existing Foul sewer and manhole — Ex 375Ø FW Sewer
- Existing Surface Water sewer and manhole — Ex 375Ø SW Sewer
- Existing Combined sewer and manhole — Ex 375Ø CW Sewer
- Existing Combined sewer and manhole to be abandoned — Ex 375Ø CW Sewer
- Private storm rodding eye
- 450mm dia. private inspection chamber.
- 600mm dia. private inspection chamber.
- Proposed road gully & connecting pipe work. 150Ø pipe unless noted otherwise — RG 150Ø
- Proposed channel drain with D400 rated pedestrian type covers with sump outlet units — SO
- Condensate Drain 100Ø pipe unless noted otherwise — CD
- Soil Stack 100Ø pipe unless noted otherwise — SS
- Filter drain with perforated pipe wrapped in impermeable membrane and clean stone aggregate.
- Easement on combined sewers and culverted watercouse

REV	DATE	DESCRIPTION	DRW	CHK
P01	09/08/2021	PRELIMINARY ISSUE	GS	MP
P02	12/04/2024	REVISED TO UU COMMENTS	SNK	GS
P03	28/06/2024	REVISED TO UU COMMENTS	SNK	GS
P04	25/07/2024	REVISED TO UU COMMENTS	SNK	GS
C01	07/11/2024	TENDER ISSUE	SNK	GS
C02	12/02/2025	REVISED TO UU COMMENTS	SNK	GS
C03	17/03/2025	REVISED TO UU COMMENTS	MH	SNK
C04	24/04/2025	REVISED TO UU COMMENTS	SNK	MP
C05	01/05/2025	REVISED TO UU COMMENTS	SNK	MP
C06	06/05/2025	REVISED TO UU COMMENTS	SNK	MP
C07	20/05/2025	CONSTRUCTION ISSUE	HP	SNK

HEALTH & SAFETY
1. CONTRACTOR SHOULD BE AWARE OF GENERAL CONSTRUCTION RISKS TO PREVENT SLIPS, TRIPS AND FALLS AND TAKE NECESSARY PRECAUTIONS WITHOUT SPECIAL INSTRUCTION.
ROADS & DRAINAGE
2. CONTRACTOR TO PROVIDE TRENCH SUPPORTS AS APPROPRIATE AND ENSURE THAT PLANT REMAINS A SAFE DISTANCE FROM TRENCHES PRIOR TO INSTALLING DRAINAGE
3. THE TIME THAT EXCAVATIONS ARE OPEN ON SITE SHOULD BE KEPT TO A MINIMUM AND ALL TRENCHES SHOULD BE SURROUNDED BY A BARRIER.
4. CONNECTIONS TO EXISTING SEWERS TO BE MADE BY NWL APPROVED CONTRACTOR ONLY.
5. CONTRACTOR TO MAKE OPERATIVES AWARE OF ASSOCIATED DANGERS TO HEALTH SUCH AS LEPTOSPIROSIS (WEILS DISEASE) AND RECOMMENDED PRECAUTIONS. ADEQUATE WELFARE FACILITIES AND PROTECTIVE CLOTHING TO BE PROVIDED AS REQUIRED.
6. UNFINISHED MANHOLES MUST BE COVERED WITH LOAD BEARING MATERIALS AND SURROUNDED WITH BARRIER.
PIPES & CABLES
7. SERVICE RECORDS TO BE REFERRED TO PRIOR TO WORK COMMENCING. CONTRACTOR TO PROCEED WITH CAUTION AND SERVICES TO BE LOCATED BY HAND DIG AND PROTECTED ACCORDINGLY
EXCAVATION/FILL
8. CONTRACTOR TO ENSURE RELEVANT MEASURES ARE TAKEN TO KEEP PLANT AND PEOPLE A SAFE DISTANCE FROM STEEP SLOPES DURING THE WORKS.
9. CONTRACTOR TO ENSURE THAT PROCEDURES ARE IN PLACE TO KEEP PEOPLE A SAFE DISTANCE FROM WORKING PLANT WHERE NECESSARY.
10. CONTRACTOR TO REFER TO GROUND INVESTIGATION REPORT FOR CONTAMINATION TESTS AND TO PROVIDE ADEQUATE WELFARE FACILITIES AND PROTECTIVE CLOTHING AS REQUIRED.

KEY

- Retaining wall (retained height shown). (edge protection required over 600mm ht) — RW 0.6M
- Flag On Edge. Maximum retained height 0.4m. Not to be constructed supporting driveways or highways — FOE 0.4M
- Steps - 250mm Going 150mm Rise (Handrails required to heights over 600mm) — 6 STEPS
- Proposed Finished Floor Level — FFL 141.000
- Proposed spot height — +141.00
- Existing spot height — +141.00
- Proposed Gradient — 1:12
- Proposed Engineered Batter / Embankment. (1:2.5 Grad Max unless notes otherwise)

FULL CCTV OF 375mm TO BE ABANDONED NOT POSSIBLE, PIPEWORK TO BE EXPOSED AND INSPECTED BY UNITED UTILITIES INSPECTOR PRIOR TO ANY ABANDONMENT WORKS

ABANDONMENTS MUST BE WITNESSED BY A UU INSPECTOR FOR THE STATUS OF THE PIPE TO BE CHANGED ON THE PUBLIC SEWER RECORDS, MINIMUM OF 72 HOURS' NOTICE WILL BE PROVIDED

SUBJECT TO THE APPROVAL OF ALL RELEVANT AUTHORITIES

Client
Aldi Stores Ltd.

Project Title
Aldi - Whitehaven

Project Address
Preston Street Whitehaven

Drawing Title
Proposed Sewer Diversion

Job No.	Originator	Zone	Level	Type	Role
DA-0470 3E		ZZ	XX	DR	C

System Classification	Drawing No.	Suitability	Revision
Ro_50_20_11	-6000	A5	C07

Drawn	Checked	Date	Scale	Size
GS	-	Aug 2021	1:250	A1

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