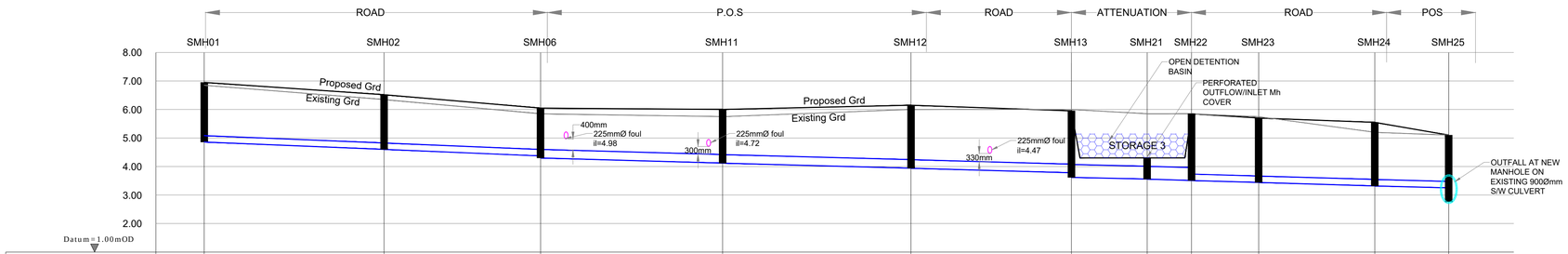
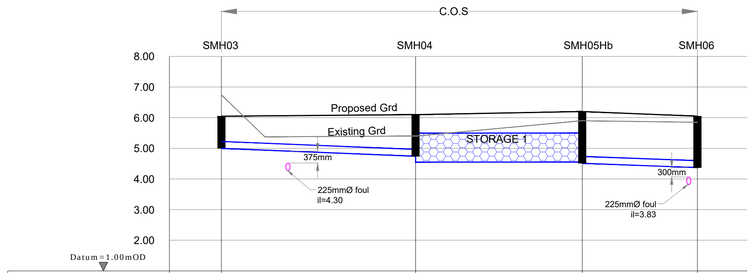


EXISTING GRD.LEVELS	6.85	6.35	5.85	5.75	6.00	6.00	5.85	5.85	5.75	5.20	5.10
PROPOSED GRD.LEVELS	6.95	6.52	6.05	6.00	6.15	5.95	4.30	5.85	5.70	5.55	5.10
PROPOSED INVERT LEVELS	4.86	4.60	4.37 4.30	4.12	3.94	3.78 3.62	3.56	3.51	3.44	3.32	3.25 2.76
PIPE LENGTH	31.6m	27.5m	32.0m	33.1m	28.2m	13.3m	7.8m	11.8m	20.4m	13.0m	
PIPE SIZE/GRADIENT	225Ø @1/120	225Ø @1/120	300Ø @1/180	300Ø @1/180	300Ø @1/180	450Ø @1/200	450Ø @1/200	225Ø @1/180	225Ø @1/180	225Ø @1/180	

SMh01-Outfall

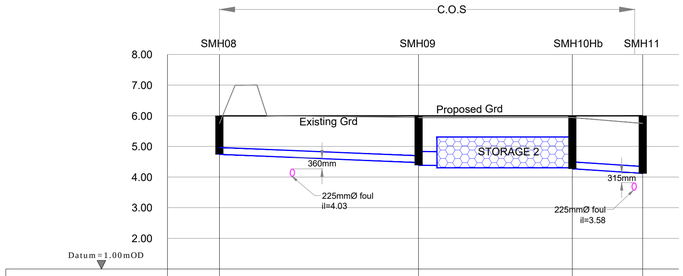
Vertical Scale 1:100
Horizontal Scale 1:500



EXISTING GRD.LEVELS	6.75	5.40	5.90	5.85
PROPOSED GRD.LEVELS	6.05	6.10	6.20	6.05
PROPOSED INVERT LEVELS	5.00	4.74 4.66	4.51	4.37 4.30
PIPE LENGTH	31.7m	27.2m	18.8m	
PIPE SIZE/GRADIENT	225Ø @1/120	Attenuation No.1	225Ø @1/133	

SMh03-SMh06

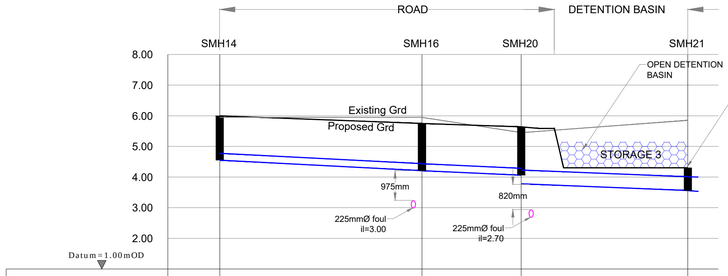
Vertical Scale 1:100
Horizontal Scale 1:500



EXISTING GRD.LEVELS	5.75	5.95	5.95	5.75
PROPOSED GRD.LEVELS	6.00	6.00	6.00	6.00
PROPOSED INVERT LEVELS	4.74	4.47 4.39	4.27	4.12
PIPE LENGTH	32.5m	25.1m	11.5m	
PIPE SIZE/GRADIENT	225Ø @1/120	Attenuation No.2	225Ø @1/150	

SMh08-SMh11

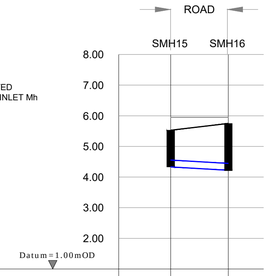
Vertical Scale 1:100
Horizontal Scale 1:500



EXISTING GRD.LEVELS	5.95	5.95	5.45	5.85
PROPOSED GRD.LEVELS	6.00	5.75	5.64	4.30
PROPOSED INVERT LEVELS	4.55	4.22	4.06	3.84 3.56
PIPE LENGTH	33.0m	16.2m	27.2m	
PIPE SIZE/GRADIENT	225Ø @1/100	225Ø @1/100	Storage 3	

SMh14-SMh21

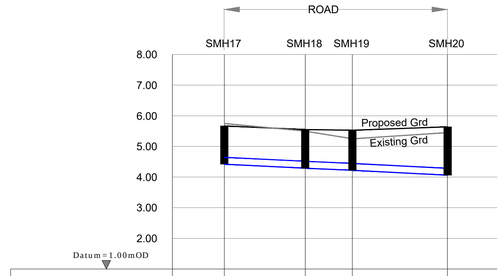
Vertical Scale 1:100
Horizontal Scale 1:500



EXISTING GRD.LEVELS	5.95	5.95
PROPOSED GRD.LEVELS	5.53	5.75
PROPOSED INVERT LEVELS	4.33	4.22
PIPE LENGTH	9.4m	
PIPE SIZE/GRADIENT	225Ø @1/100	

SMh15-SMh16

Vertical Scale 1:100
Horizontal Scale 1:500



EXISTING GRD.LEVELS	5.75	5.50	5.25	5.45
PROPOSED GRD.LEVELS	5.67	5.55	5.53	5.64
PROPOSED INVERT LEVELS	4.42	4.29	4.22	4.06
PIPE LENGTH	13.2m	7.7m	15.5	
PIPE SIZE/GRADIENT	225Ø @1/100	225Ø @1/100	225Ø @1/100	

SMh17-SMh20

Vertical Scale 1:100
Horizontal Scale 1:500

A1 Scale 1:100 — 0m 1m 2m 3m 4m 5m 10m

A1 Scale 1:500 — 0m 10m 20m 30m 40m 50m

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Notes:

1. Read this drawing in conjunction with all other relevant Engineers and Architects drawings.
2. Do not scale this drawing, use only written dimensions.
3. Do not set out from this drawing unless specifically confirmed by the Engineers beforehand.
4. All levels shown are to Malin Head datum (mOD).
5. The contractor is to check all service connections before commencing any site development works.
6. The Engineer is to be informed of discrepencies that may arise before the contractor commences any site development works, if in doubt - ask!
7. Refer to individual S/W & Foul drainage sheets for greater detail of general arrangements at 1:500 scale.

Refer to Dwg.No.2412/02 for S/W sewer GA

REV	DATE	DESCRIPTION

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Project
GREENFIELDS LRD, SWORDS

Drawing Title
S/W Longitudinal Sections

Architect
MCORM

Date	Drawn By	Scales	Dwg.No.	Stage	Rev
Oct'25	RM	As Shown @ A1	2412/13	LRD STAGE 3	