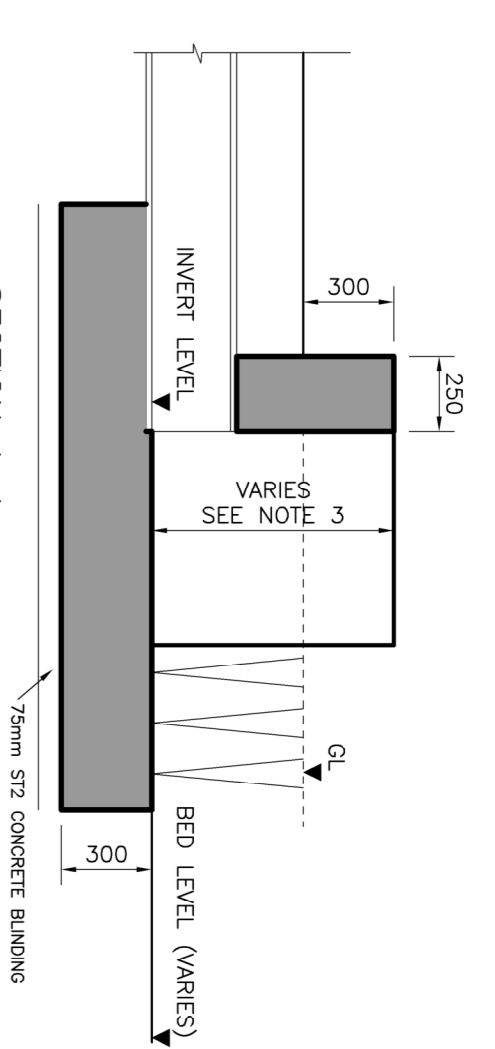


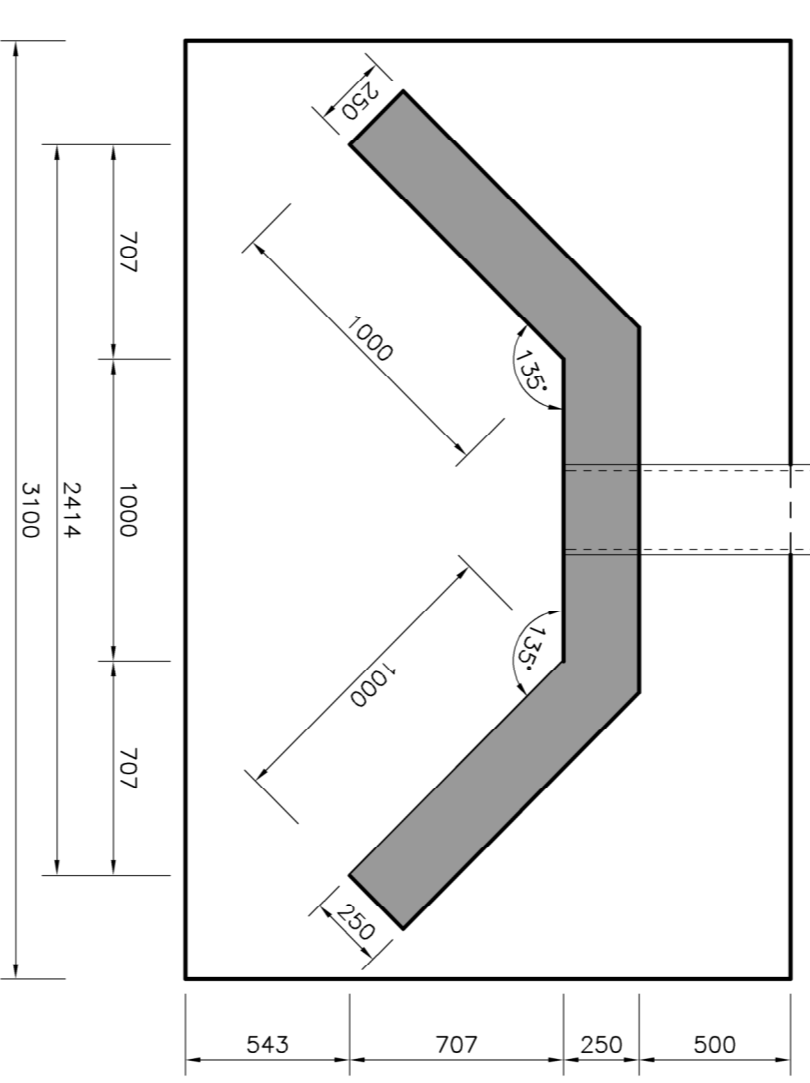
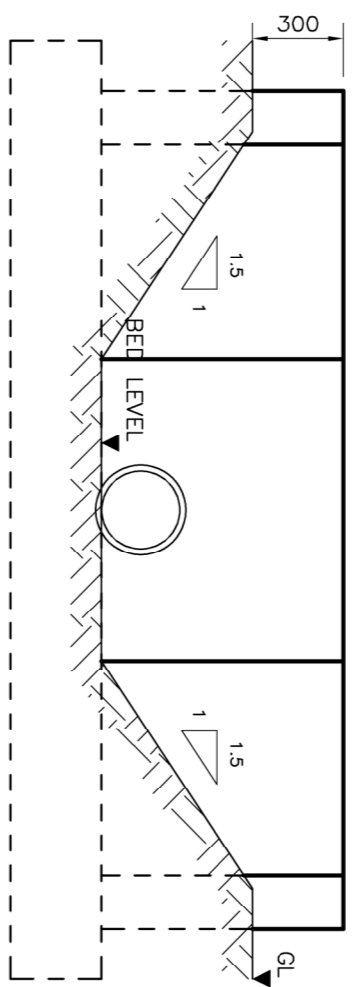
COVER LEVEL	S4	S3	S2	S1	HW1
INVERT LEVEL	17.631	17.302	17.011	16.700	17.300
Pipe Diameter	3000ø				
Pipe Gradient	1:240				
Distance	79100	69800	60400	14200	

**SW LONGITUDINAL SECTION
S1 TO HW1**

VERTICAL SCALE 1:1000
HORIZONTAL SCALE 1:1000



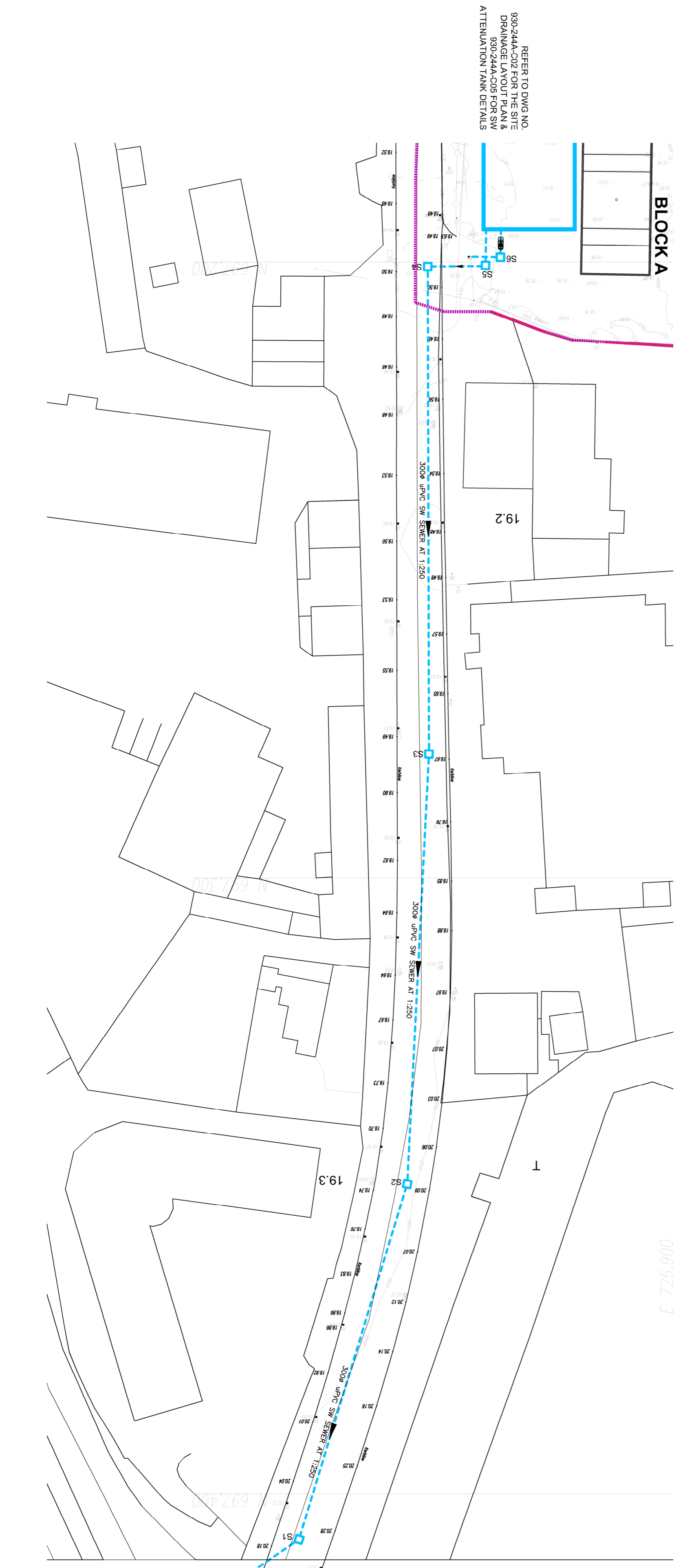
- NOTES:
- THIS DETAIL IS INTEND TO BE USED IN ACCORDANCE WITH A UNIFORM STRUCTURAL DESIGN COVERED OUT FOR THE HEADWALLS ON PROJECT ON ACCORDANCE WITH RELEVANT DESIGN CODES AND STANDARDS.
 - ALL EXPOSED CONCRETE SURFACES FROM 100mm BELOW FINISH TO TOP OF CONCRETE SHALL BE FINISHED TO A SMOOTH AND SCHEDULED FOR PIPE DIAMETER SIZE. INVERT LEVELS AND SCHEDULES FOR PIPE DIAMETER IS 300mm AND MAXIMUM HEADWALL HEIGHT SHALL BE 250mm.
 - HEADWALLS SHALL BE SLOPED WHERE APPROPRIATE TO THE BED LEVEL AS SHOWN IN THE DRAWING.
 - HEADWALLS ARE SMALL HEADWALLS AS SPECIFIED IN THE DETAIL OF HEADWALLS SCHEDULE 500 PARAGRAPH 50.



SMALL HEADWALL DETAIL

SCALE 1:25

NAME	CL	EL.	IL	DIST	FALL	PIPE	DEPTH
S/O	m	m	m	m	1/X	DIAMETER	mm
S1	18.000	17.278	17.594	73.100	250	300	2.050
S2	20.000	16.988	16.698	63.800	250	300	3.000
S3	20.200	16.757	16.757	60.400	250	300	3.443
HW1	17.300	16.700	16.700	14.200	250	300	0.600



Client
VARTRY DEVELOPMENTS LTD.

Project Title
SUBSTITUTE CONSENT APPLICATION FOR THE EXISTING WORKS AT MOJUNT USHER VIEW, ASHFORD, CO. WICKLOW

Architect
MOLONEY MILLAR CONSULTING CIVIL AND STRUCTURAL ENGINEERS

Drawn
ALAN WATSON

Scale
AS SHOWN @ A1 DATE NOV 2021

CDP ARCHITECTURE
100 WINDMILL ROAD
DUBLIN 14
TEL (353-1) 4930211

email
info@molonymillar.ie

WBS
www.molonymillar.ie

Revision
A

Planning
930-244A