

**SEWER NOTES:**

1. ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH SABS 1200 SERIES AND THE PROJECT SPECIFICATIONS.
2. ALL DIMENSIONS TO BE CHECKED ON SITE PRIOR TO CONSTRUCTION. ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER.
3. THE CONTRACTOR IS TO CONFIRM ALL LEVELS AND SETTING OUT INFORMATION PRIOR TO CONSTRUCTION.
4. EXISTING SERVICES TO BE PROVED PRIOR TO CONSTRUCTION.
5. SURVEY AND DESIGN INFORMATION IS BASED ON THE WGS 84 CO-ORDINATE SYSTEM.
6. FOR GRADES LESS THAN 1:10 - ANCHOR BLOCKS TO BE USED (REFER TO STANDARD DETAILS)
7. ALL MANHOLES TO HAVE MEDIUM DUTY (MD) POLYMER COVERS WITH LOCKING MECHANISM UNLESS OTHERWISE SPECIFIED.
8. ALL PIPES TO BE 160mmØ uPVC CL34 UNLESS OTHERWISE SPECIFIED.
9. ALL PIPES TO BE LAID ON FLEXIBLE PIPE BEDDING UNLESS OTHERWISE SPECIFIED.
10. ALL BACKFILL TO BE COMPACTED TO 93% Mod AASHTO UNLESS OTHERWISE SPECIFIED.
11. ALL MANHOLE COVERS WITHIN ROADWAYS ARE TO BE HEAVY DUTY
12. MANHOLE COVER LEVELS TO BE 150mm ABOVE GROUND IN OPEN SPACES AND FLUSH ON ROADWAYS AND SIDEWALKS

SEWER SETTING OUT DATA		
MANHOLE	Y	X
U3-MH6.8	11192.985	3114092.670
U3-MH6.7	11260.397	3114092.670
U3-MH6.6	11260.420	3114019.046
U3-MH6.6a	11221.320	3114019.034
U3-MH6.5	11260.438	3113960.690
U3-MH6.4	11257.179	3113952.558
U3-MH6.3	11231.859	3113926.103
U3-MH6.2	11204.332	3113897.341
U3-MH6.1	11198.426	3113897.221
U3-MH6	11189.342	3113905.971

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**TENDER DRAWING**

DATE : \_\_\_\_\_  
 SIGNED BY : \_\_\_\_\_  
 CONSULTING ENGINEER

REV	DATE	DESCRIPTION	BY	CHK
A	31-03-21	TENDER DRAWING	AG	SD

DRG. NO. REFERENCE DRAWINGS

CLIENT LOGO



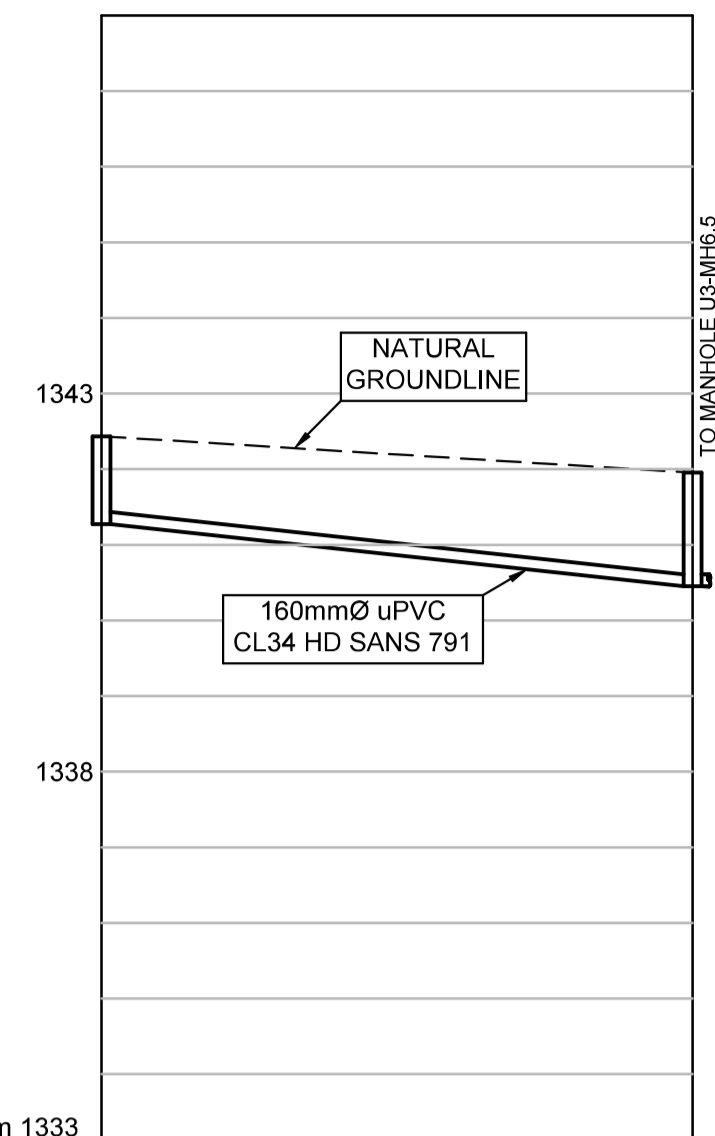
an agency of the Department of Human Settlements

CLIENT NAME **HOUSING DEVELOPMENT AGENCY**

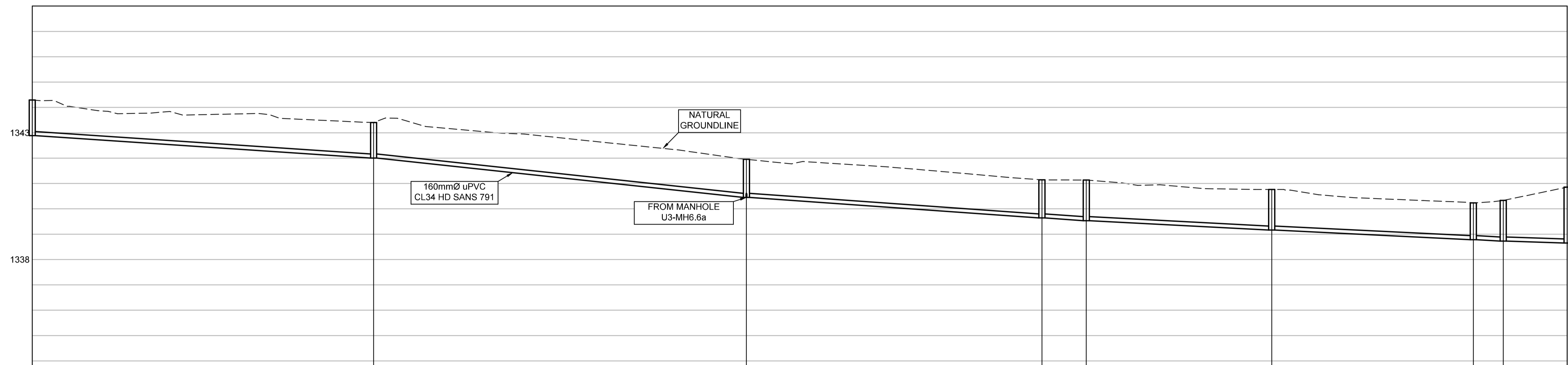
PROJECT TITLE  
**INSTALLATION OF INTERNAL WATER AND SEWER NETWORK FOR UNIT 3 AND 7 MELODING, VIRGINIA**

DRAWING TITLE  
**UNIT 3 LONG SECTIONS U3-MH6.8 TO U3-MH6 U3-MH6.6a TO U3-MH6.6**

	RESPONSIBLE PERSON	DATE
DESIGNED	A. GANASS	25-02-2021
CHECKED	S. DELOMONEY	25-02-2021
DRAWN	A. GANASS	25-02-2021
CHECKED	S. DELOMONEY	25-02-2021
SCALES	H=500 & V=100	SHEET SIZE A1
DRAWING NO.	<b>WP2319-MNA-FT-SA-202</b>	REVISION A



MANHOLE NO:	U3-MH6.6a	U3-MH6.6
COVER LEVEL:	1342.43	1341.95
INVERT LEVEL:	1341.28	1340.45
DEPTH:	1.16	1.50
PIPE LENGTH & GRADE:	39.11 m 1:47	
PIPE DETAILS:	uPVC CL34 HD SANS 791 160 mm	
MANHOLE U3-MH6.6a TO U3-MH6.6		



MANHOLE NO:	U3-MH6.8	U3-MH6.7	U3-MH6.6	U3-MH6.5	U3-MH6.4	U3-MH6.3	U3-MH6.2	U3-MH6.1	U3-MH6							
COVER LEVEL:	1344.29	1343.41	1341.95	1341.14	1341.14	1340.77	1340.23	1340.33	1340.86							
INVERT LEVEL:	1342.89	1342.01	1340.45	1339.64	1339.54	1339.16	1338.79	1338.73	1338.66							
DEPTH:	1.40	1.40	1.50	1.50	1.60	1.60	1.45	1.60	2.20							
PIPE LENGTH & GRADE:	67.42 m 1:76		73.64 m 1:47		58.36 m 1:72		8.76 m 1:82		36.62 m 1:99		39.81 m 1:105		5.91 m 1:111		12.61 m 1:166	
PIPE DETAILS:	uPVC CL34 HD SANS 791 160 mm															
MANHOLE U3-MH6.8 TO U3-MH6																