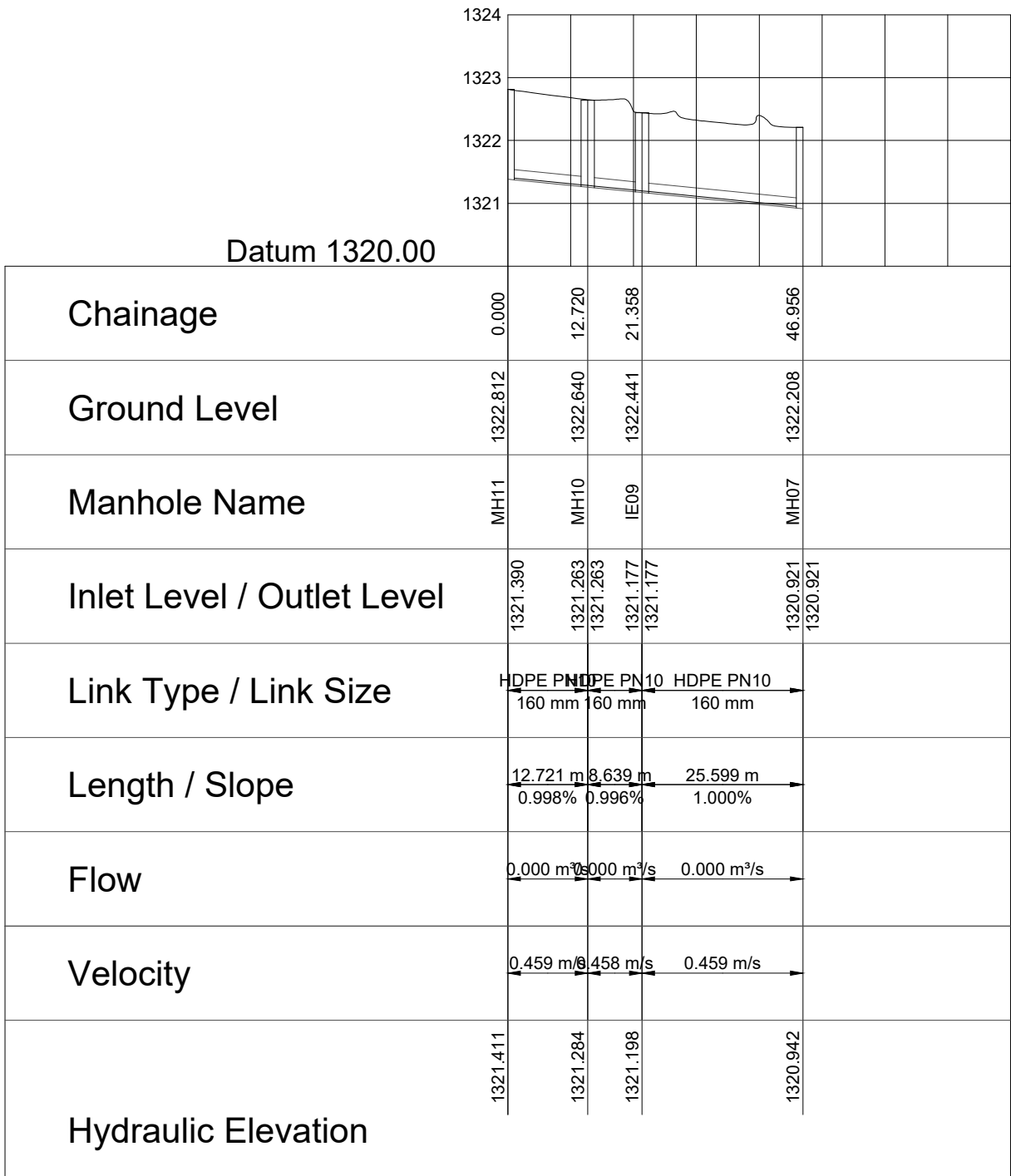
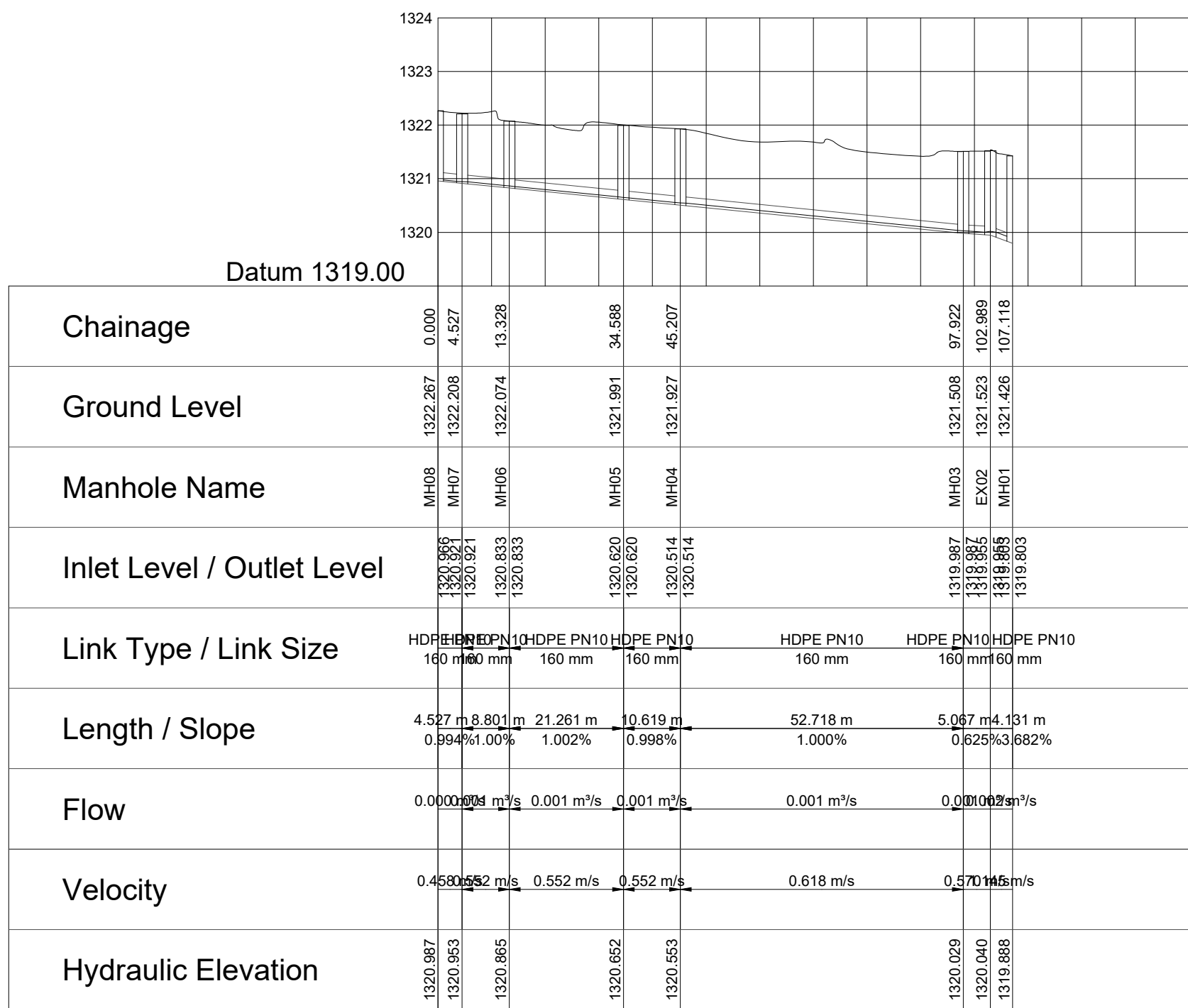


Sewer Schedule											
Name	Y-Coord	X-Coord	Cover	Inlet	Length	Depth	Slope	Type	Size	Level In	Level Out
MH02	-42801.50	3038186.33	1321.76	1320.25	22.50	1.51	2.00 %	HDPE PN10	160 mm	1320.25	1319.80
MH01	-42779.40	3038182.08	1321.43	1319.80	15.14	1.63	2.00 %	HDPE PN10	160 mm	1319.80	1319.50
EX01	-42776.47	3038167.23	1321.13	1319.50		1.63					
MH08	-42815.19	3038276.06	1322.27	1320.97	4.53	1.30	0.99 %	HDPE PN10	160 mm	1320.97	1320.92
MH07	-42810.79	3038277.12	1322.21	1320.92	8.80	1.29	1.00 %	HDPE PN10	160 mm	1320.92	1320.83
MH06	-42808.68	3038268.57	1322.07	1320.83	21.26	1.24	1.00 %	HDPE PN10	160 mm	1320.83	1320.62
MH05	-42794.10	3038253.10	1321.99	1320.62	52.72	1.37	1.00 %	HDPE PN10	160 mm	1320.51	1319.99
MH04	-42791.92	3038242.71	1321.93	1320.51	10.62	1.41	1.00 %	HDPE PN10	160 mm	1320.51	1319.99
MH03	-42781.06	3038191.12	1321.51	1319.99	5.07	1.57	0.63 %	HDPE PN10	160 mm	1319.99	1319.96
EX02	-42780.20	3038186.13	1321.52	1319.95	4.13	1.62	3.68 %	HDPE PN10	160 mm	1319.95	1319.80
MH01	-42779.40	3038182.08	1321.43	1319.80		1.62					
MH11	-42841.55	3038301.97	1322.81	1321.39	12.72	1.42	1.00 %	HDPE PN10	160 mm	1321.39	1321.26
MH10	-42829.43	3038305.83	1322.64	1321.26	8.64	1.38	1.00 %	HDPE PN10	160 mm	1321.26	1321.18
IE09	-42824.74	3038298.58	1322.44	1321.18	25.60	1.26	1.00 %	HDPE PN10	160 mm	1321.18	1320.92
MH07	-42810.79	3038277.12	1322.21	1320.92		1.29					

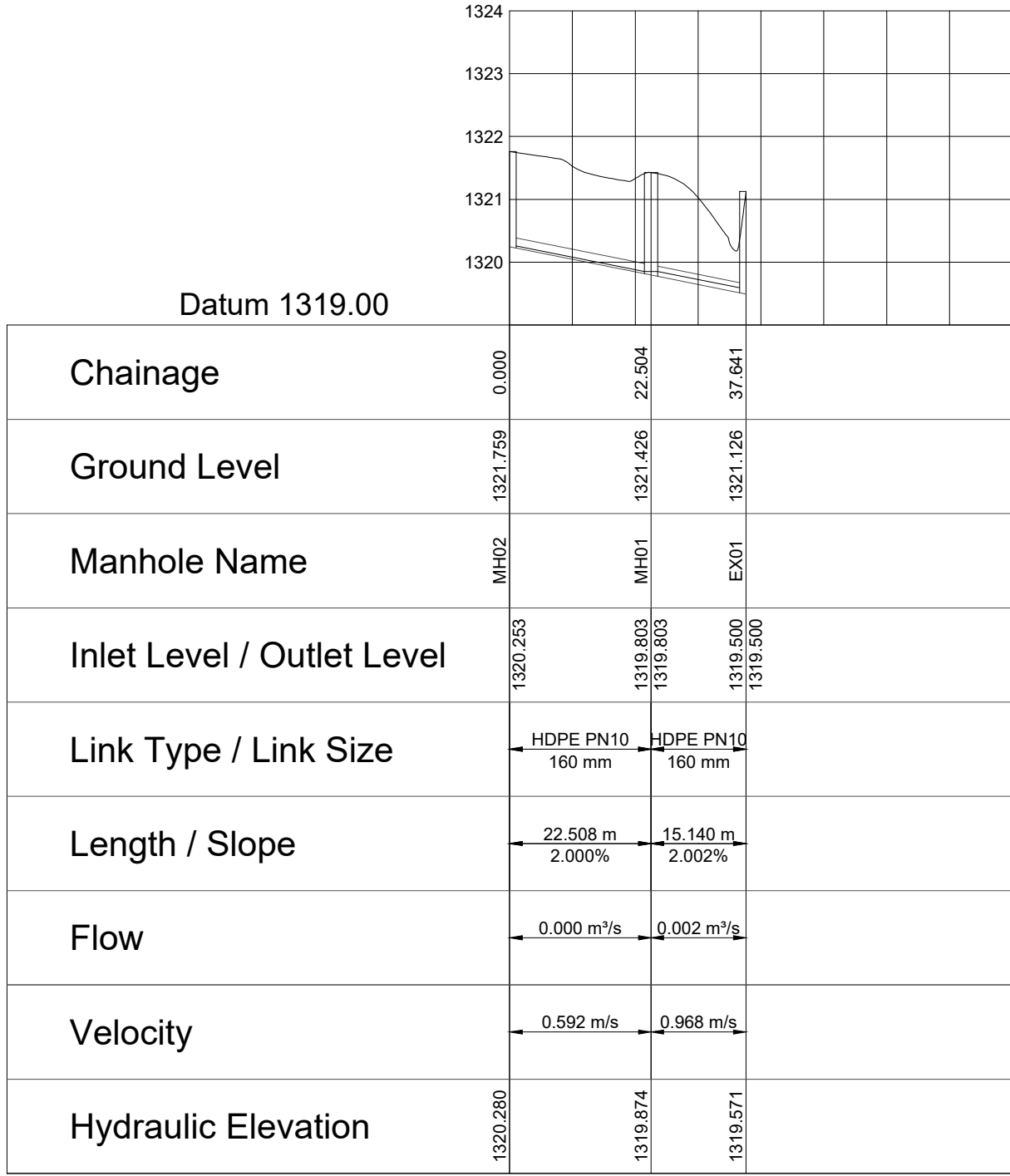
BENCH MARK			
NAME	Y	X	Z
BM1	-42889.34	3038169.82	1323.128
BM2	-42883.62	3038274.18	1323.043
BM3	-42767.51	3038285.03	1322.320



Manhole MH11 to MH07



Manhole MH08 to MH01



Manhole MH02 to EX01

## GENERAL NOTES:

NOTES AND SPECIFICATIONS GENERAL

- DO NOT SCALE FROM THESE DRAWINGS.
- THE CONTRACTOR SHALL WHERE NECESSARY DETERMINE THE EXACT LOCATION OF EXISTING SERVICES AND PROTECT THEM FROM DAMAGE THROUGHOUT THE DURATION OF THE WORKS.
- THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO THE ENGINEER WITH REGARDS TO STANDARD AND SPECIFICATION BEFORE ORDERING ANY MATERIAL.
- ONLY STAFF FROM LOCAL AUTHORITY WILL HANDLE ON EXISTING MUNICIPAL SERVICES UNLESS PERMISSION GRANTED TO THE CONTRACTOR IN WRITING BY THE LOCAL AUTHORITY.
- ALL MATERIAL AND WORKMANSHIP MUST COMPLY WITH THE REQUIREMENTS OF THE LATEST RELEVANT SABS REQUIREMENTS
- ALL DIMENSIONS ARE IN MILLIMETRES. (UNLESS OTHERWISE SPECIFIED).
- ALL DIMENSIONS MUST BE CHECKED AND APPROVED ON SITE.
- FINAL POSITION OF SERVICES TO BE DETERMINED ON SITE.
- CONTRACTOR TO CLEAN AND RESHAPE PORTION OF THE EARTH CHANNEL AS INDICATED BY THE RESIDENT ENGINEER.
- EXISTING MUNICIPAL INVERT LEVEL TO BE CONFIRMED ON SITE.

## LEGEND

PROPOSED 160 dia. Class 10 HDPE SEWER PIPE

UPGRADE EXISTING 160 dia. SEWER PIPE  
TO 160 dia. Class 10 HDPE SEWER PIPE

## REFERENCE DRAWINGS

DO NOT SCALE - IF  
IN DOUBT, ASK

This drawing is confidential and the property of Aseda Consulting Engineers, and is subject to return upon demand.

CLIENT



CLIENT APPROVED

CLIENT'S NAME

CLIENT'S SIGNATURE

DATE

IMPLEMENTING AGENT

CONSULTANT:



0	TENDER	O.S
1	PRELIM DESIGN	O.S

REV	DATE	DESCRIPTION	CHKD
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PROJECT TITLE:  
PROPOSED NEW DEVELOPMENT ADDITIONS & ALTERATIONS TO KURUMAN TAXI AND BUS RANK PROJECT

DRAWN TITLE:

## SEWER LAYOUT PLAN AND LONGSECTIONS

DRAWN STATUS:		INCEPTION DATE:	
TENDER		SEPT 2024	
DESIGNED:	DRAWN:	CHECKED:	SCALE:
K.NYANTEH	K.NYANTEH	O.SIMBA	AS SHOWN
APPROVED:		PROJECT ENGINEER'S SIGNATURE	
PROJECT ENGINEER'S NAME		PROF REG.No.	DATE
DRAWING NUMBER:		Rev:	
NW24004-CIV-SWR-001		0	