

COPYRIGHT RESERVED

- STORMWATER PIPE
- KERB INLET
- FENCE
- 1.5M WIDE V DRAIN
- 1.2m WALKWAY

SERVICE
ROADS

1	PRELIMINARY	21/11/2022	MPL
Rev.	Description	Date	By

AMENDMENTS	
DESIGNED	MPL
DRAWN	VMN
CHECKED	LSM
APPROVED	

CLIENT

PO BOX 45
MBOMBELA
1200
TEL: 013 766 8449
FAX: 013 766 6554

ENGINEERING CONSULTANT

UNIT NO 18.0.0.3, CENTRAL PARK
1 FRIEDENHEIN ROAD
NELSPRUIT 1200
013 744 6070

PROJECT
MATSAFFENI KAAPSCHEHOOP
BUST ROUTE
(WARD 14)

TITLE
STORMWATER LONGSECTION
MH19 - MH29

DATE
NOVEMBER 2022
SCALE
AS - SHOWN

CLIENT DWG. NO.

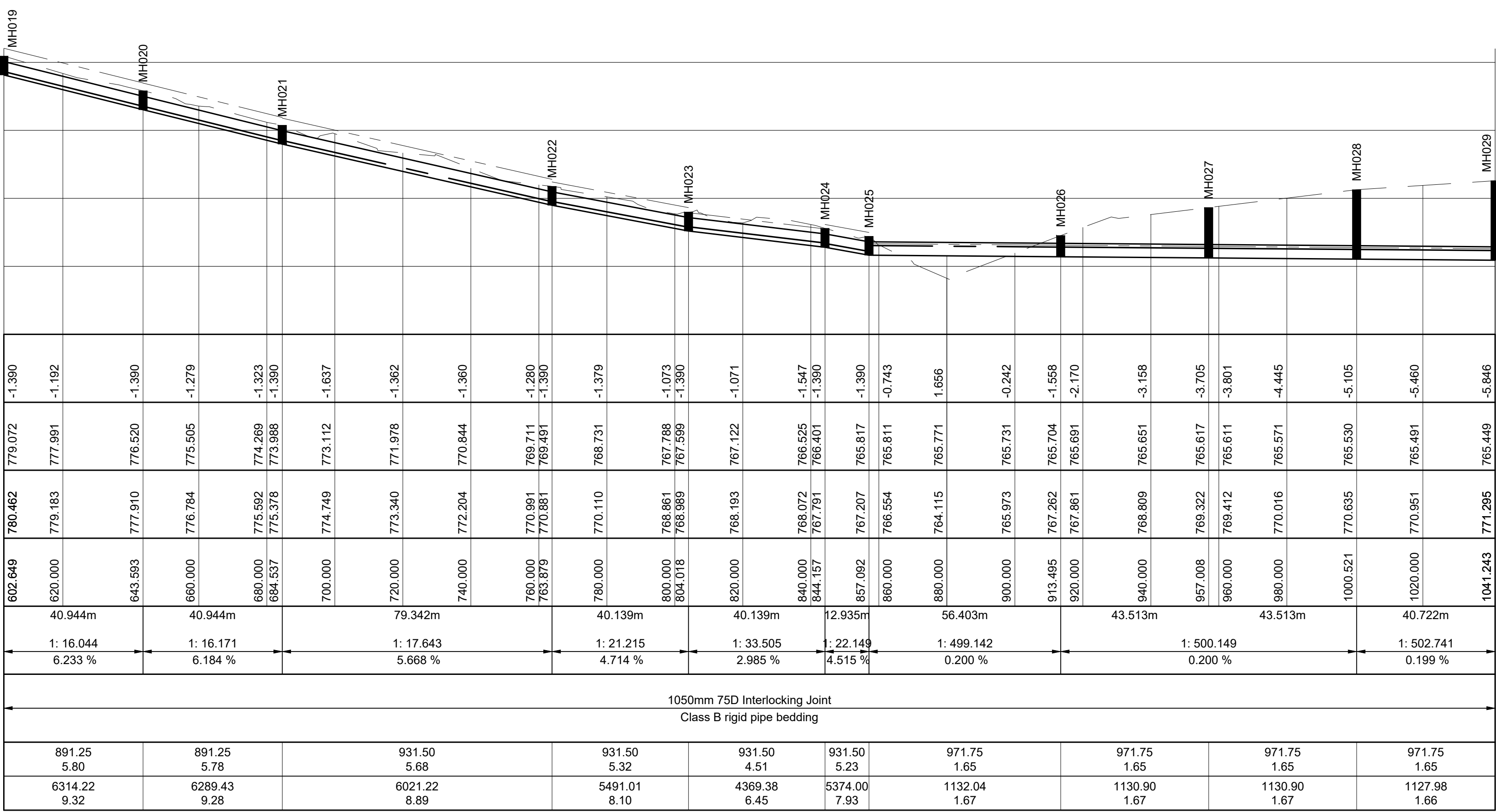
CONSULTANT DWG. NO.
LIH-202223-SWL-02

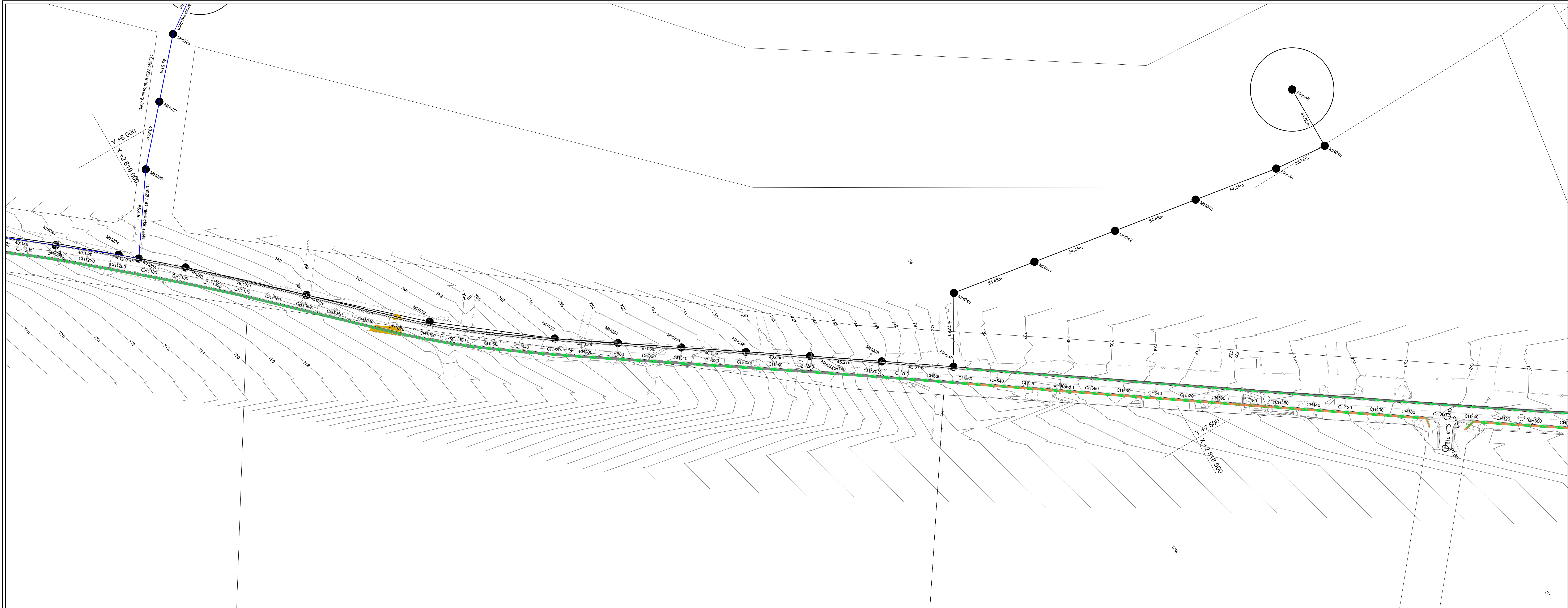


- EGL
- HGL
- PIPE
- NGL

SCALES:
Horizontal 1:1000
Vertical 1:250
Datum : 760m

DEPTH TO INVERTS
INVERT LEVEL
GROUND LEVEL
CHAINAGE (m)
PIPE GRADES
PIPE DETAILS
HYDRAULICS





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SERVICE
ROADS

1	PRELIMINARY	21/11/2022	MPL
Rev.	Description	Date	By

AMENDMENTS	
DESIGNED	MPL
DRAWN	VMN
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APPROVED	

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013 744 6070

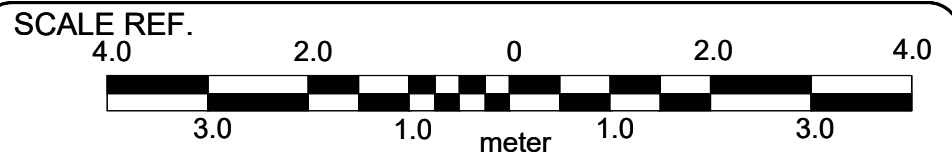
PROJECT
MATSAFFENI KAAPSCHEHOOP
BUST ROUTE
(WARD 14)

TITLE
STORMWATER LONGSECTION
MH30 - MH41

DATE
NOVEMBER 2022
SCALE
AS - SHOWN

CLIENT DWG. NO.

CONSULTANT DWG. NO.
LIH-202223-SWL-03

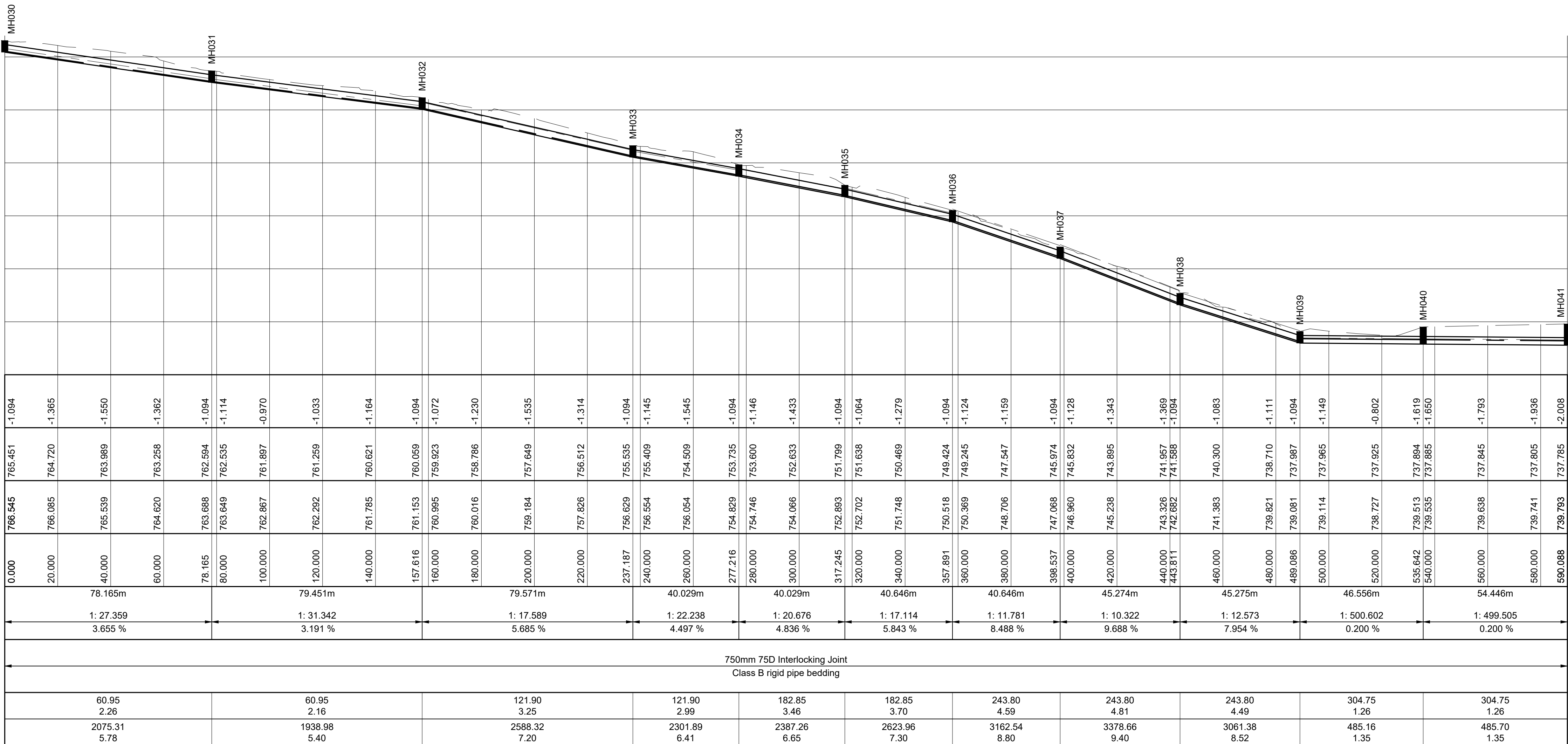


- EGL
- HGL
- PIPE
- NGL

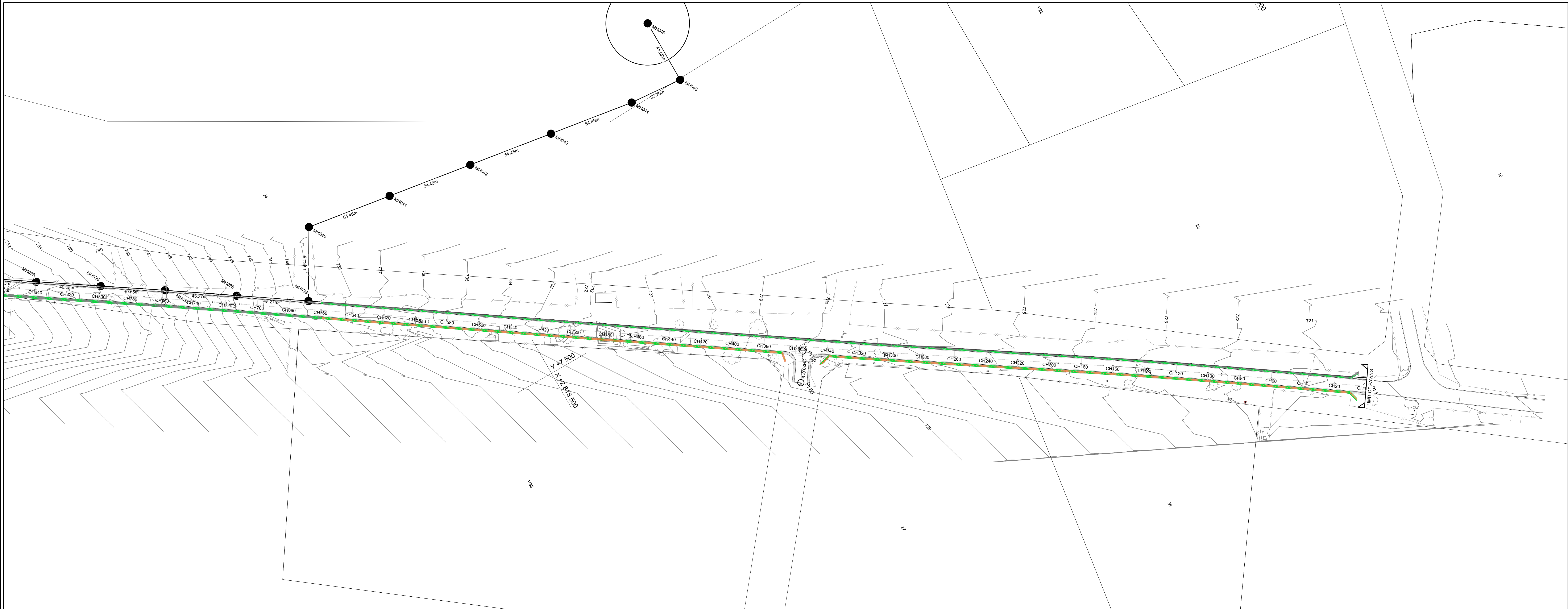
SCALES:
Horizontal 1:1000
Vertical 1:250

Datum : 735m

DEPTH TO INVERTS	
INVERT LEVEL	
GROUND LEVEL	
CHAINAGE (m)	
PIPE GRADES	
PIPE DETAILS	
HYDRAULICS	DESIGN: Q (l/s) V (m/s) MAX (0.83D): V (m/s)



MH030 - MH041
Branch: MATSAFFENI STORMWATER 2002



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- 1.2m WALKWAY

SERVICE
ROADS

Rev.	Description	Date	By
1	PRELIMINARY	21/11/2022	MPL

AMENDMENTS	
DESIGNED	MPL
DRAWN	VMN
CHECKED	LSM
APPROVED	

CLIENT

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ENGINEERING CONSULTANT

UNIT NO 18.0.0.3, CENTRAL PARK
1 FRIEDENHEIN ROAD
NELSPRUIT 1200
013 744 6070

PROJECT
MATSAFFENI KAAPSCHEHOOP
BUST ROUTE
(WARD 14)

TITLE
STORMWATER LONGSECTION
MH41 - MH46

DATE
NOVEMBER 2022
SCALE
AS - SHOWN

CLIENT DWG. NO.

CONSULTANT DWG. NO.
LIH-202223-SWL-04

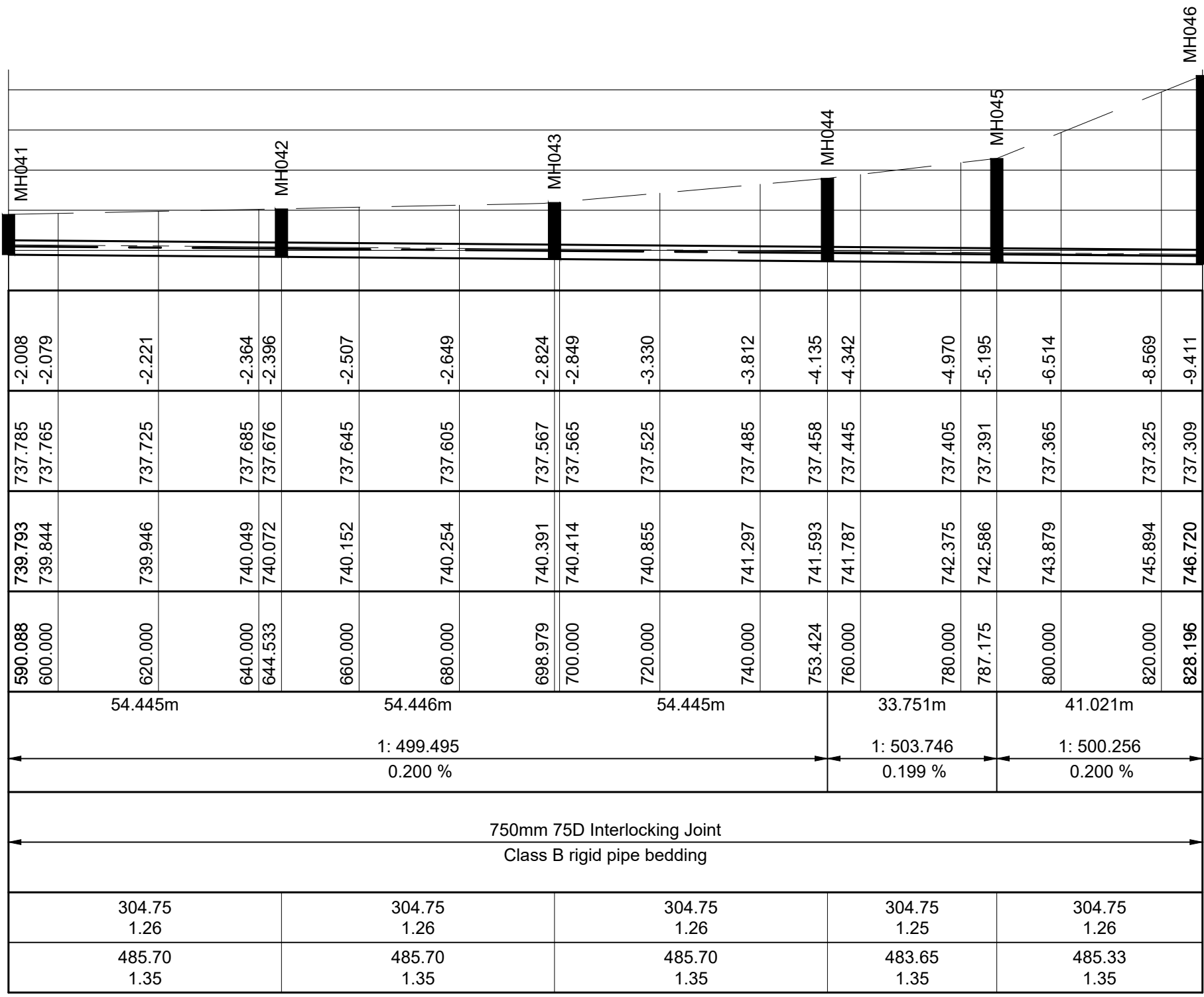


- EGL
- HGL
- PIPE
- NGL

SCALES:
Horizontal 1:1000
Vertical 1:250

Datum : 736m

DEPTH TO INVERTS
INVERT LEVEL
GROUND LEVEL
CHAINAGE (m)
PIPE GRADES
PIPE DETAILS
HYDRAULICS



MH041 - MH046
Branch: MATSAFFENI STORMWATER 2002