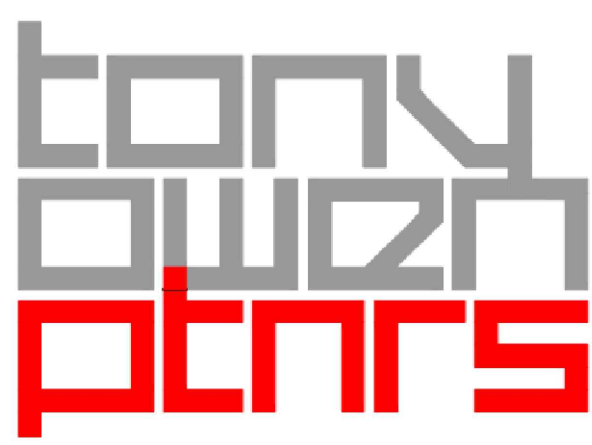


CIVIL ENGINEERING WORKS



Sheet List Table	
Sheet Number	Sheet Title
CI-000-01	COVER SHEET
CI-070-01	EROSION AND SEDIMENT CONTROL PLAN
CI-076-01	EROSION AND SEDIMENT CONTROL DETAILS
CI-400-01	ROADS ALIGNMENT PLAN
CI-400-02	ROADS GENERAL ARRANGEMENT PLAN
CI-402-01	ROADS LONG SECTIONS - LOCAL ROADS 01 AND 02
CI-402-02	ROADS LONG SECTIONS - McDONALD ROAD
CI-403-01	TYPICAL SECTIONS
CI-403-11	ROADS CROSS SECTIONS - LOCAL ROAD 01 - SHEET 1
CI-403-12	ROADS CROSS SECTIONS - LOCAL ROAD 01 - SHEET 2
CI-403-21	ROADS CROSS SECTIONS - LOCAL ROAD 02
CI-403-31	ROADS CROSS SECTIONS - McDONALD ROAD - SHEET 1
CI-403-32	ROADS CROSS SECTIONS - McDONALD ROAD - SHEET 2
CI-403-33	ROADS CROSS SECTIONS - McDONALD ROAD - SHEET 3
CI-440-01	PAVEMENTS PLAN
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CI-520-02	STORMWATER DRAINAGE PLAN - SHEET 2
CI-520-03	STORMWATER DRAINAGE PLAN - SHEET 3
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CI-522-02	STORMWATER DRAINAGE LONG SECTION - SHEET 2
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CI-526-01	STORMWATER DRAINAGE DETAILS



TONY OWEN PARTNERS

ARCHITECT

CROATIA AVENUE

PROJECT



47429

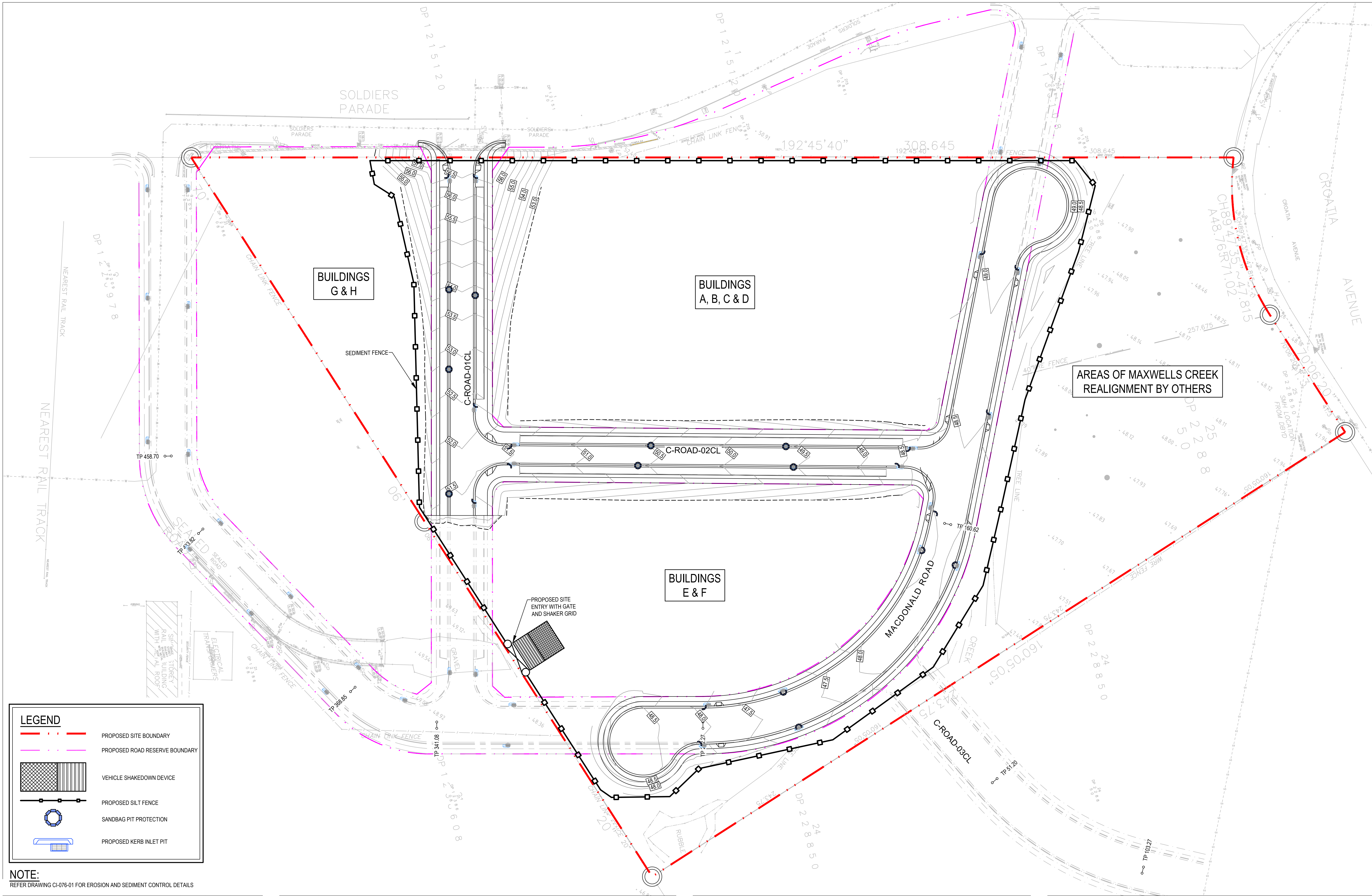
PROJECT No

CI-000-01

DRAWING No

B

REV



LEGEND

PROPOSED SITE BOUNDARY

PROPOSED ROAD RESERVE BOUNDARY

VEHICLE SHAKEDOWN DEVICE

PROPOSED SILT FENCE

SANDBAG PIT PROTECTION

PROPOSED KERB INLET PIT

NOTE:
REFER DRAWING CI-076-01 FOR EROSION AND SEDIMENT CONTROL DETAILS

C	ISSUED FOR DA	CPO	IAH	27.05.21
B	ISSUED FOR DA	CPO	IAH	26.11.20
A	ISSUED FOR DA APPROVAL	CPO	IAH	25.09.20
REV	DESCRIPTION	DRAWN	APP'D	DATE

DRAWN:	CPO
DESIGNED:	IAH
VERIFIED:	IAH 25.09.20
APPROVED FOR TENDER:	... J.J.
APPROVED FOR CONSTRUCTION:	... J.J.



TONY OWEN PARTNERS

ARCHITECT/CLIENT

CROATIA AVENUE

EROSION AND SEDIMENT CONTROL PLAN

PROJECT

TITLE

APPROVAL
NOT FOR CONSTRUCTION

AS SHOWN

47429

CI-070-01

C

SCALE @ A1

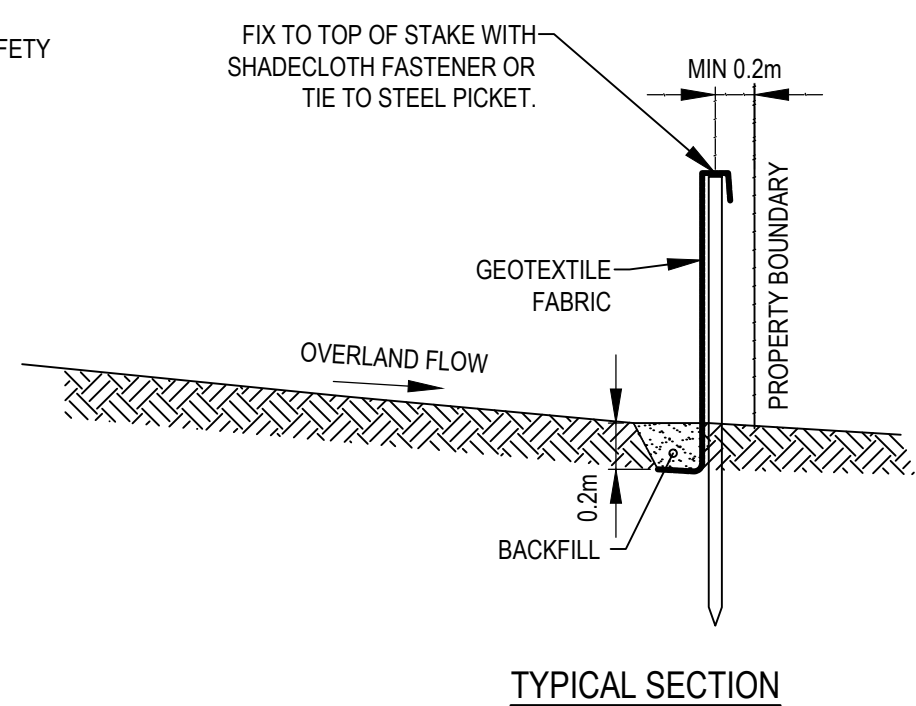
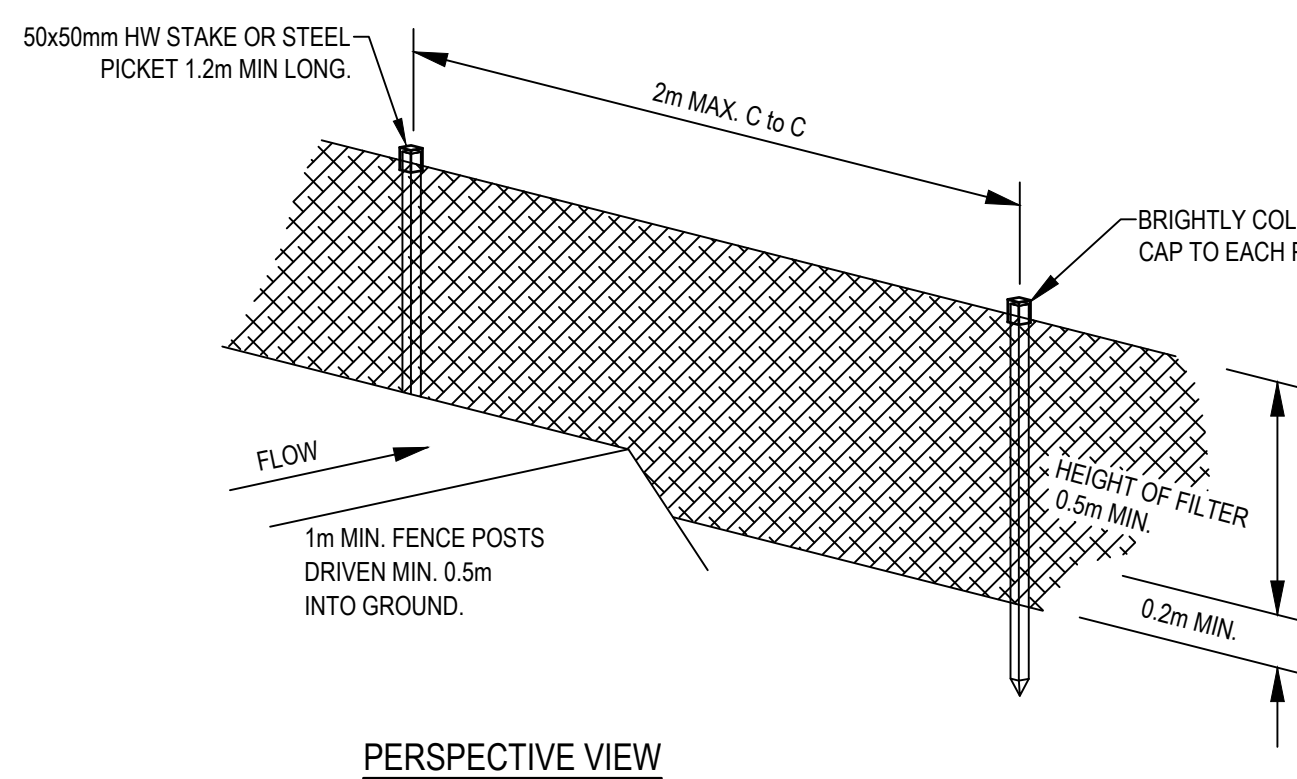
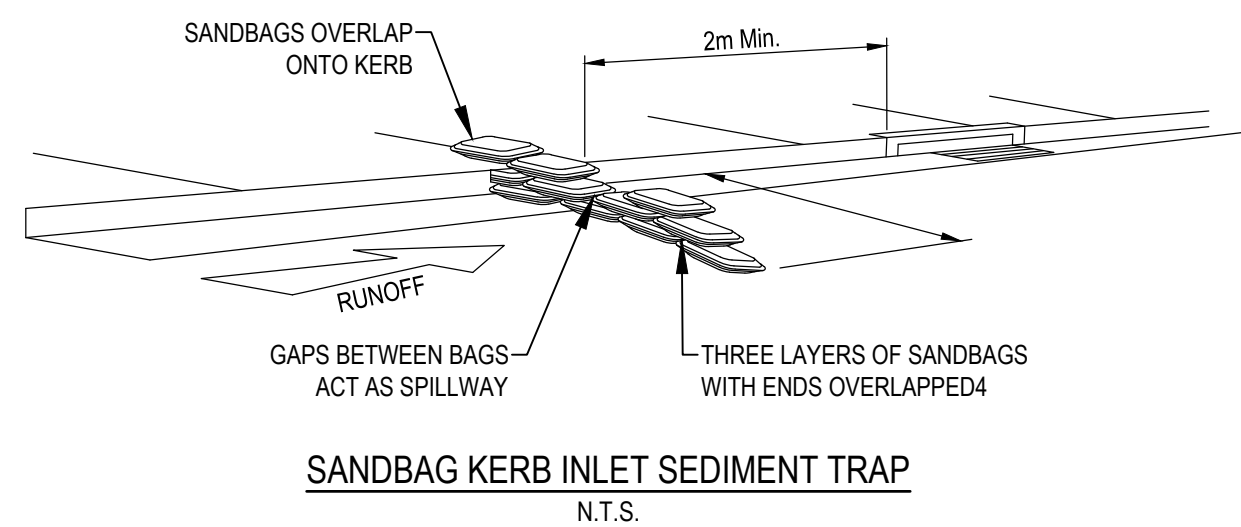
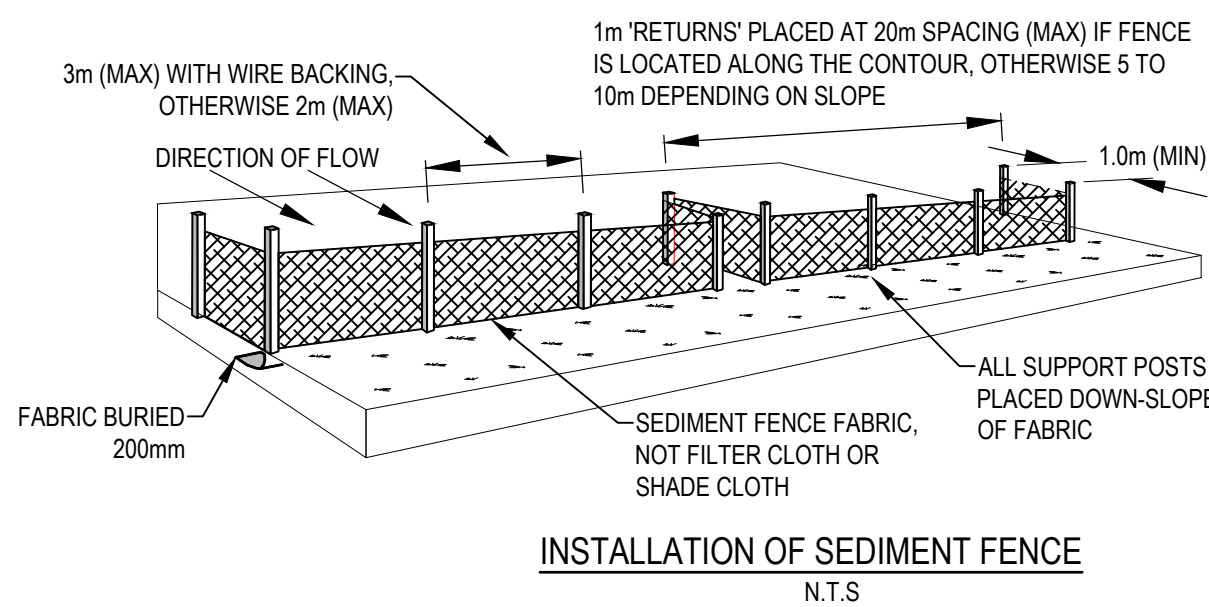
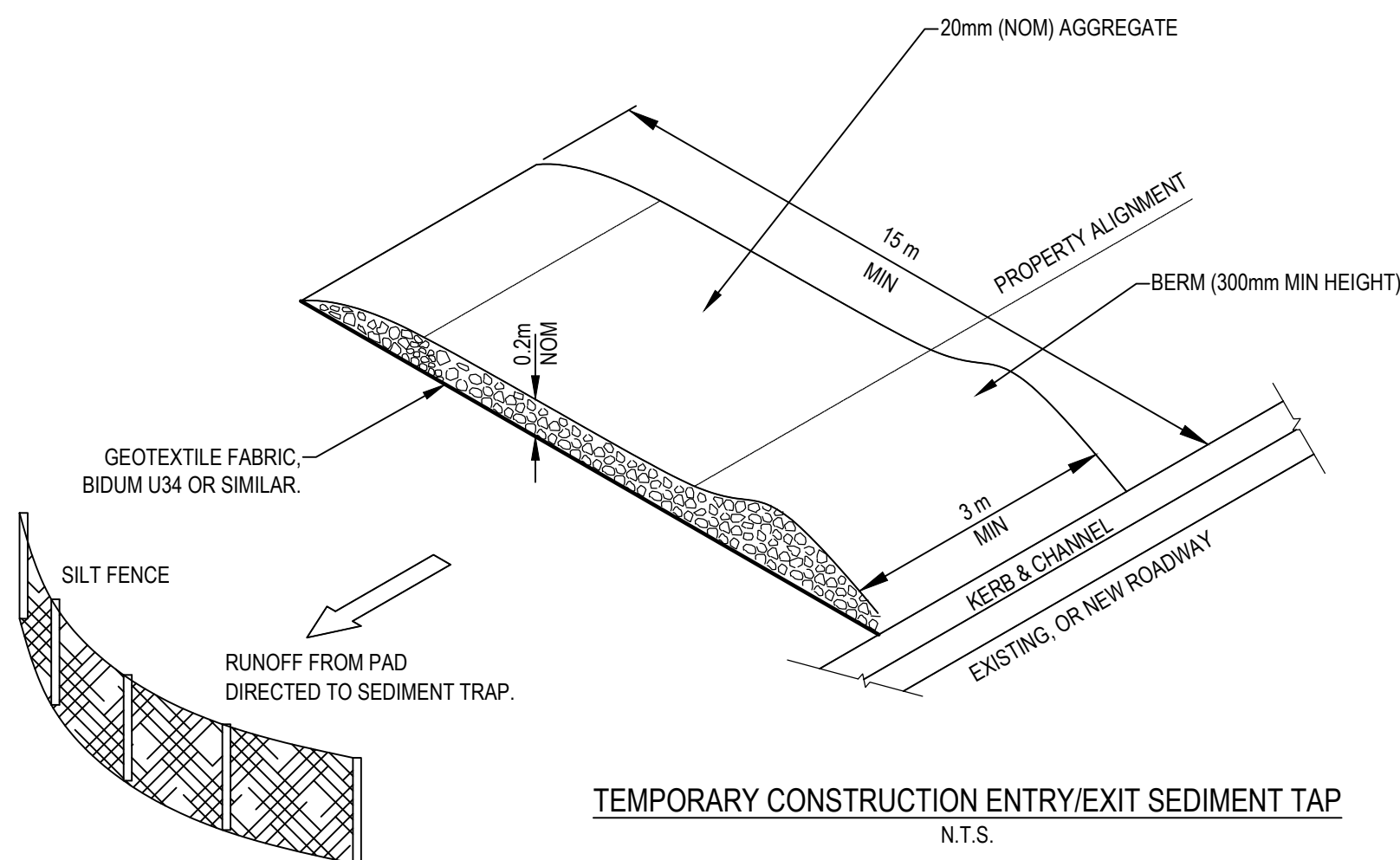
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A	ISSUED FOR DA APPROVAL	CPO	IAH	25.09.20

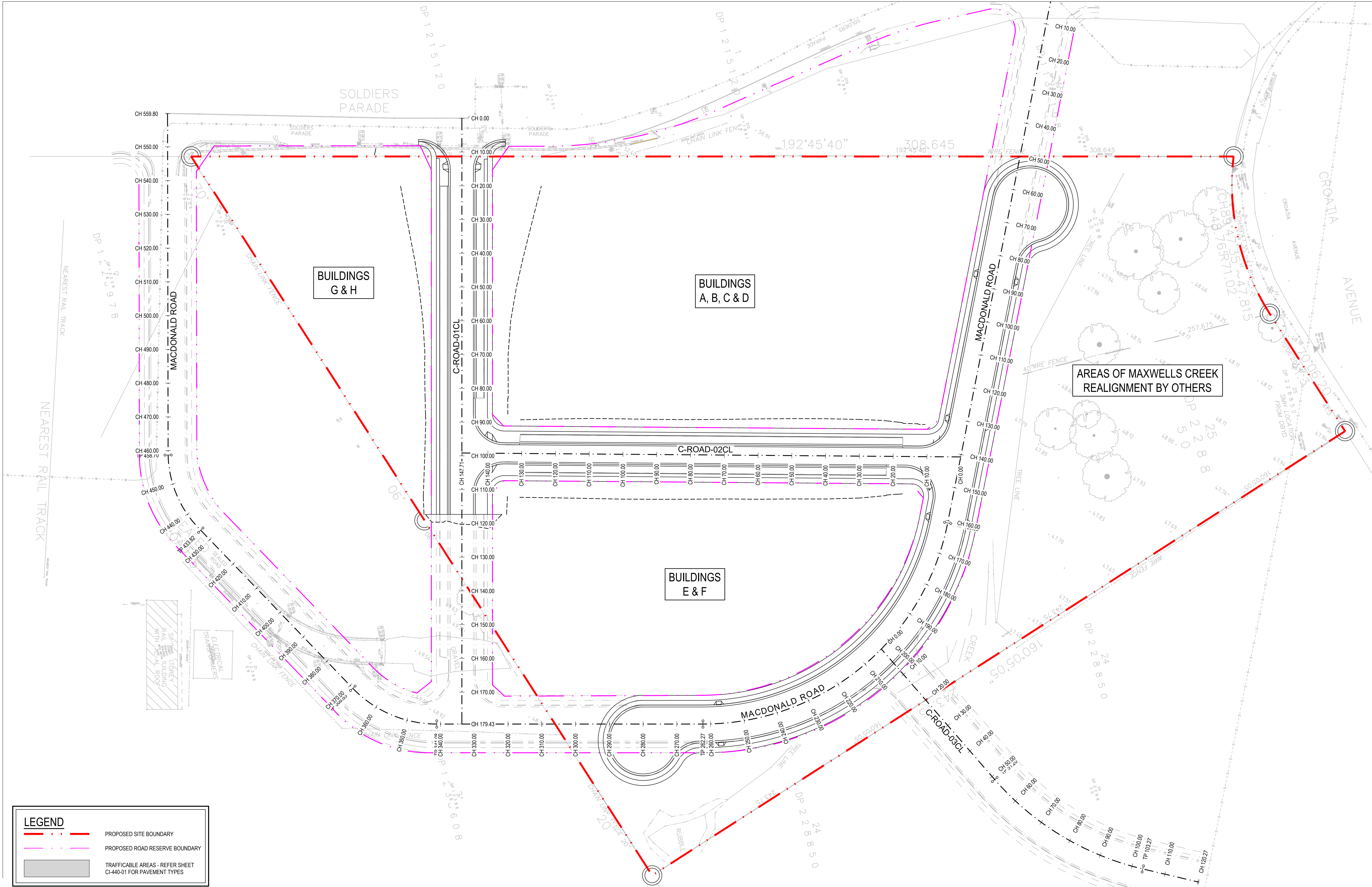
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DESIGNED:	IAH
VERIFIED:	IAH 25.09.20
APPROVED FOR TENDER:	... J.J.
APPROVED FOR CONSTRUCTION:	... J.J.

TONY OWEN PARTNERS

ARCHITECT/CLIENT

CROATIA AVENUE	EROSION AND SEDIMENT CONTROL DETAILS
PROJECT	TITLE

Stantec				APPROVAL	
				NOT FOR CONSTRUCTION	
AS SHOWN	47429	CI-076-01	C		
SCALE @ A1	PROJECT No	DRAWING No	REV		



LEGEND

PROPOSED SITE BOUNDARY

PROPOSED ROAD RESERVE BOUNDARY

TRAFFICABLE AREAS - REFER SHEET CI-440-01 FOR PAVEMENT TYPES

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B	ISSUED FOR DA	CPO	IAH	26.11.20
A	ISSUED FOR DA APPROVAL	CPO	IAH	25.09.20

DRAWN:	CPO
DESIGNED:	IAH
VERIFIED:	IAH 25.09.20
APPROVED FOR TENDER:	... J.J.
APPROVED FOR CONSTRUCTION:	... J.J.



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ARCHITECT/CLIENT

CROATIA AVENUE

ROADS ALIGNMENT PLAN

PROJECT

TITLE

Stantec

AS SHOWN

47429

SCALE @ A1

APPROVAL

NOT FOR CONSTRUCTION

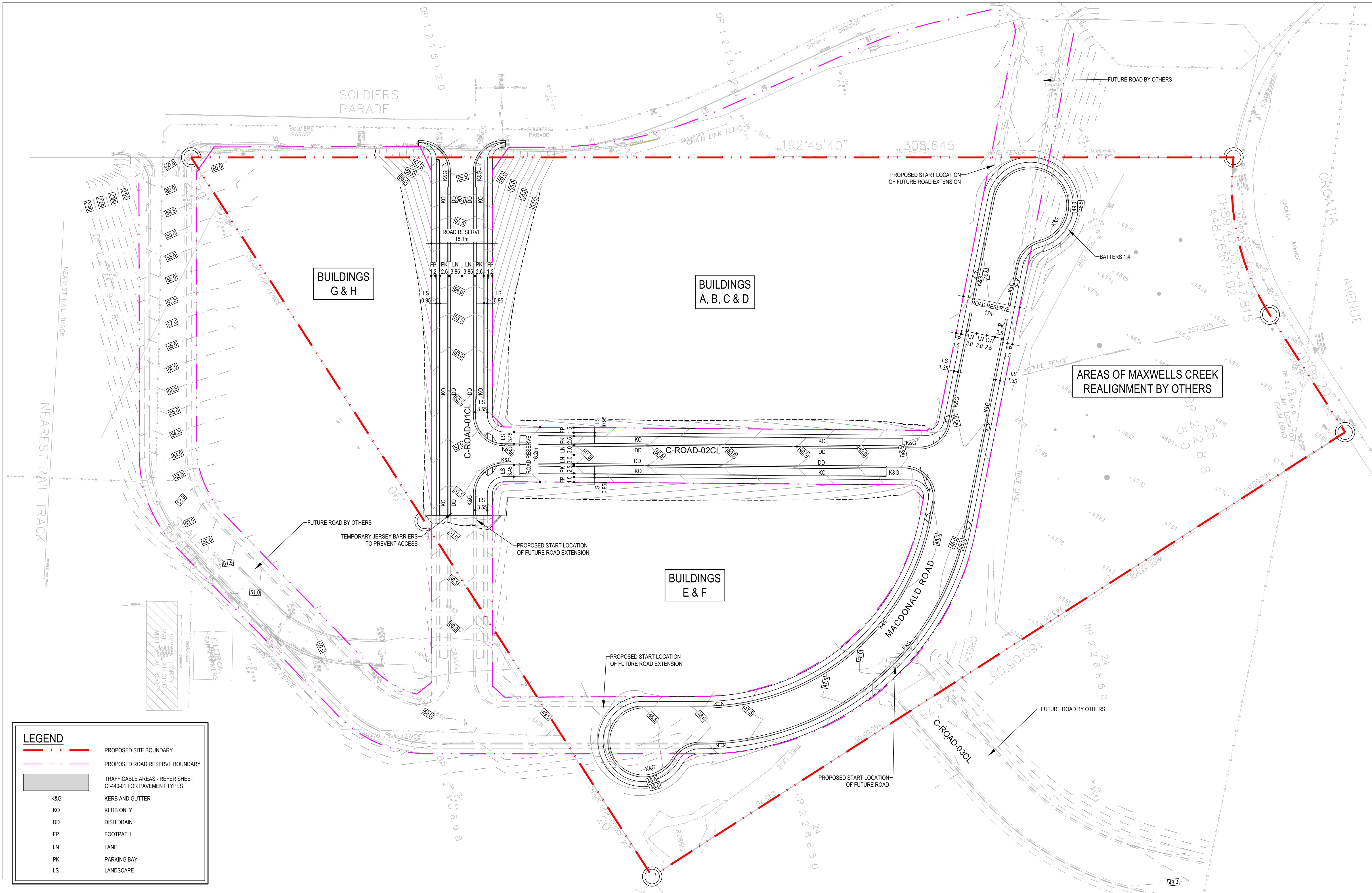
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DRAWING No

C

REV

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LEGEND

PROPOSED SITE BOUNDARY

PROPOSED ROAD RESERVE BOUNDARY

TRAFFICABLE AREAS - REFER SHEET CI-440-01 FOR PAVEMENT TYPES

K&G

K&G

KERB AND GUTTER

KO

KO

KERB ONLY

DD

DD

DISH DRAIN

FP

FP

FOOTPATH

LN

LN

LANE

PK

PK

PARKING BAY

LS

LS

LANDSCAPE

REV	DESCRIPTION	DRAWN	APP'D	DATE
C	ISSUED FOR DA	CPO	IAH	27.05.21
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DRAWN:	CPO
DESIGNED:	IAH
VERIFIED:	IAH 25.09.20
APPROVED FOR TENDER:	...
APPROVED FOR CONSTRUCTION:	...



TONY OWEN PARTNERS

ARCHITECT/CLIENT

CROATIA AVENUE	ROADS GENERAL ARRANGEMENT PLAN
PROJECT	TITLE

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APPROVAL
NOT FOR CONSTRUCTION

AS SHOWN

47429

CI-400-02

C

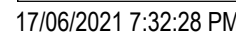
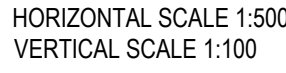
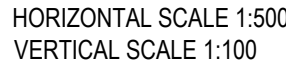
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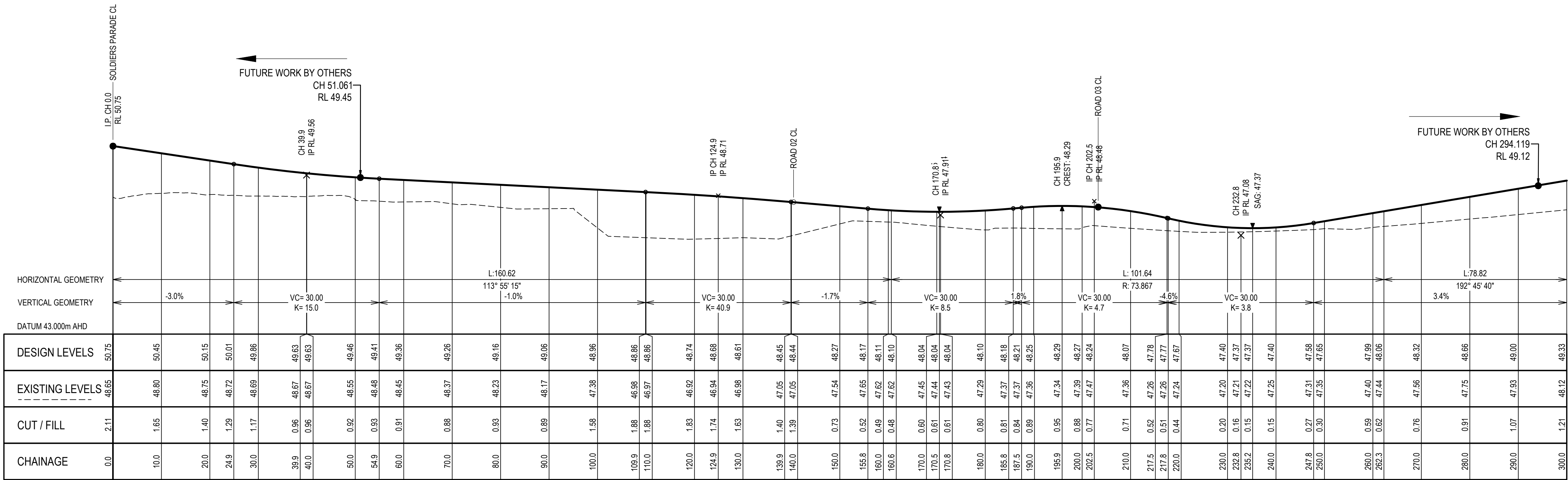
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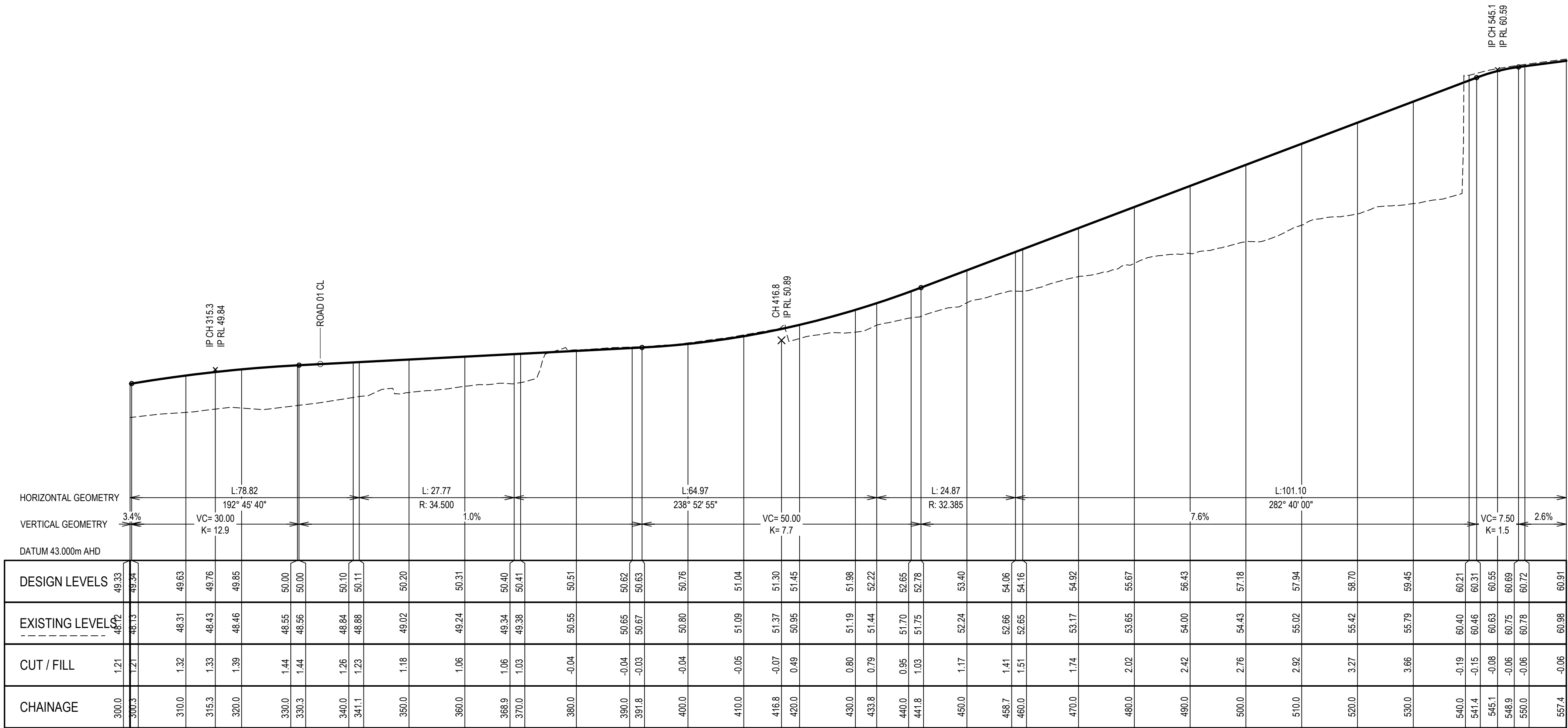
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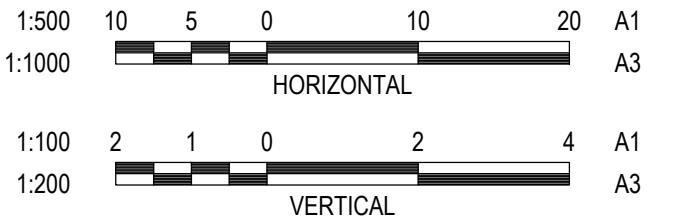
MACDONALD ROAD - LONG SECTION

HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



MACDONALD ROAD - LONG SECTION

HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



REV	DESCRIPTION	DRAWN	APP'D	DATE
C	ISSUED FOR DA	CPO	IAH	27.05.21
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A	ISSUED FOR DA APPROVAL	CPO	IAH	25.09.20

DRAWN:	CPO
DESIGNED:	IAH
VERIFIED:	IAH 25.09.20
APPROVED FOR TENDER:	...
APPROVED FOR CONSTRUCTION:	...

TONY OWEN PARTNERS



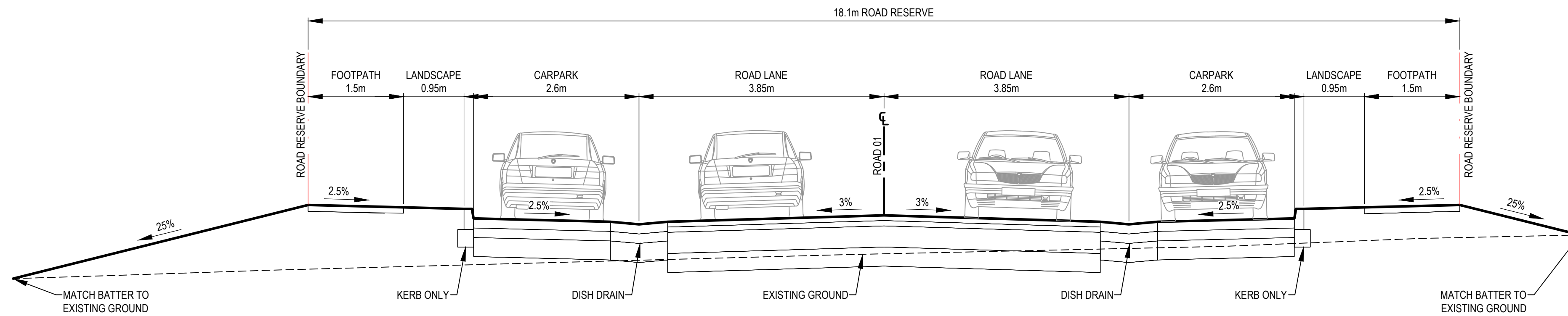
ARCHITECT/CLIENT

PROJECT	CROATIA AVENUE
TITLE	ROADS LONG SECTIONS - MCDONALD ROAD

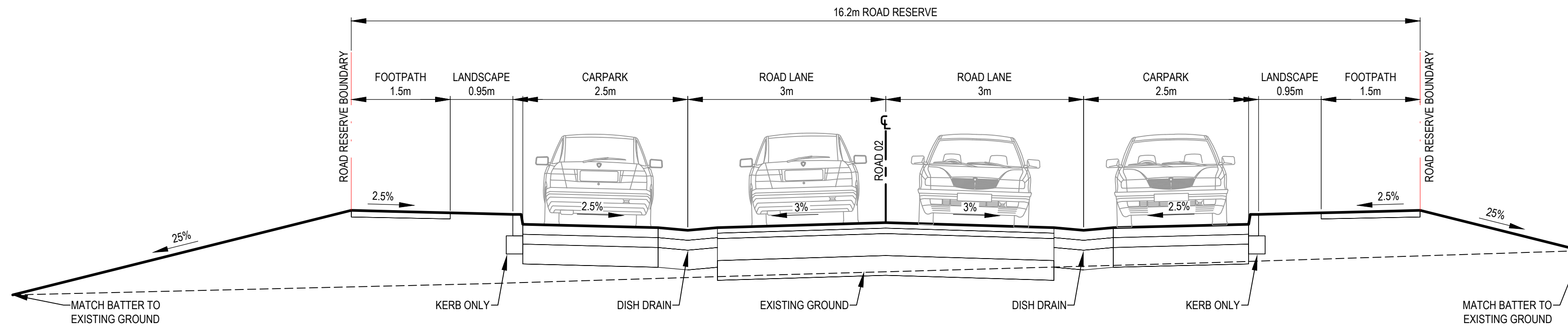
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SCALE @ A1	PROJECT No	DRAWING No	REV

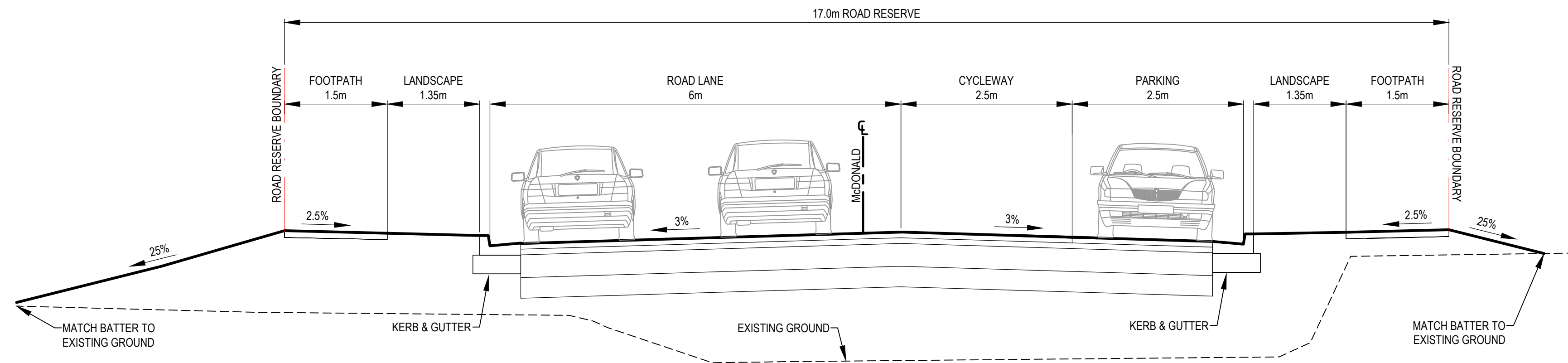
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TYPICAL SECTION - ROAD 01
(SCALE 1:50)



TYPICAL SECTION - ROAD 02
(SCALE 1:50)



TYPICAL SECTION - McDONALD ROAD
(SCALE 1:50)

REV	DESCRIPTION	DRAWN	APP'D	DATE
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A	ISSUED FOR DA	CPO	IAH	26.11.20

DRAWN:	CPO
DESIGNED:	IAH
VERIFIED:	IAH 26.11.20
APPROVED FOR TENDER:	... J.J.J.
APPROVED FOR CONSTRUCTION:	... J.J.J.



TONY OWEN PARTNERS

ARCHITECT/CLIENT

CROATIA AVENUE	TYPICAL SECTIONS
PROJECT	TITLE

Stantec

APPROVAL
NOT FOR CONSTRUCTION

AS SHOWN	47429	CI-403-01	B
SCALE @ A1	PROJECT No	DRAWING No	REV



DRAWN:	CPO
DESIGNED:	IAH
VERIFIED:	IAH 25.09.20
APPROVED FOR TENDER:	... J.J.J.
APPROVED FOR CONSTRUCTION:	... J.J.J.



ARCHITECT/CLIENT

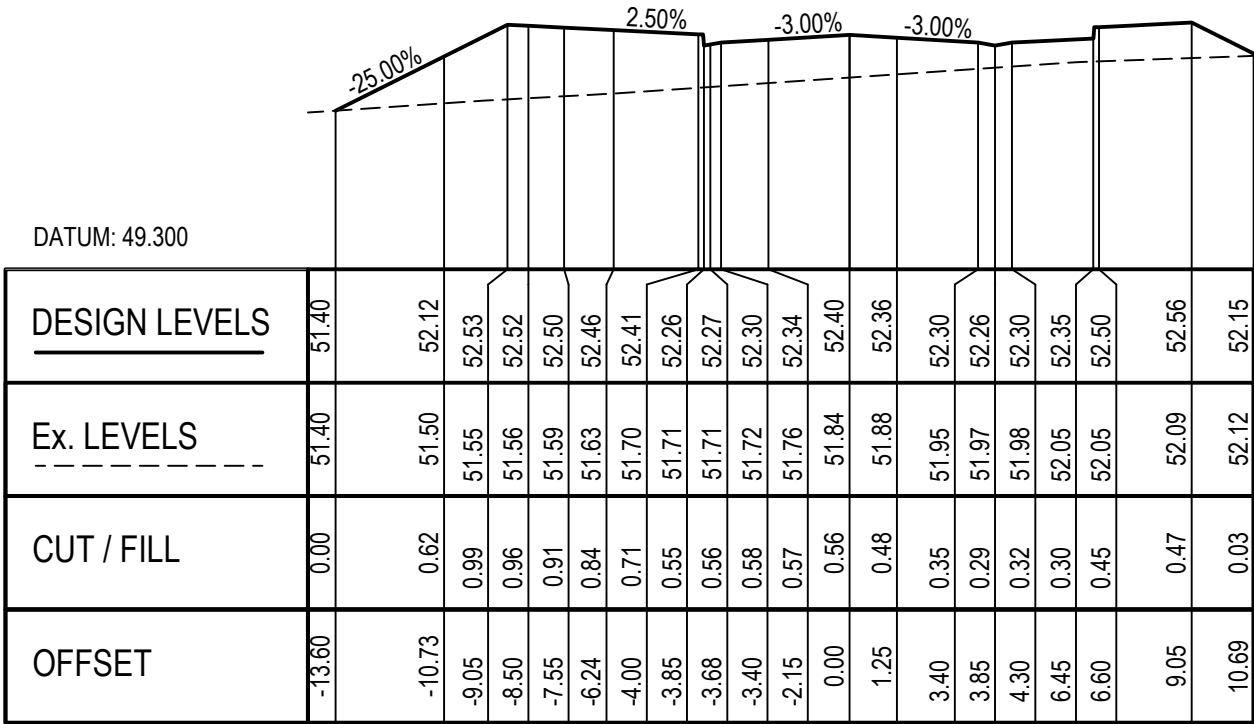
ROADS CROSS SECTIONS -
LOCAL ROAD 01 - SHEET 1

PROJECT

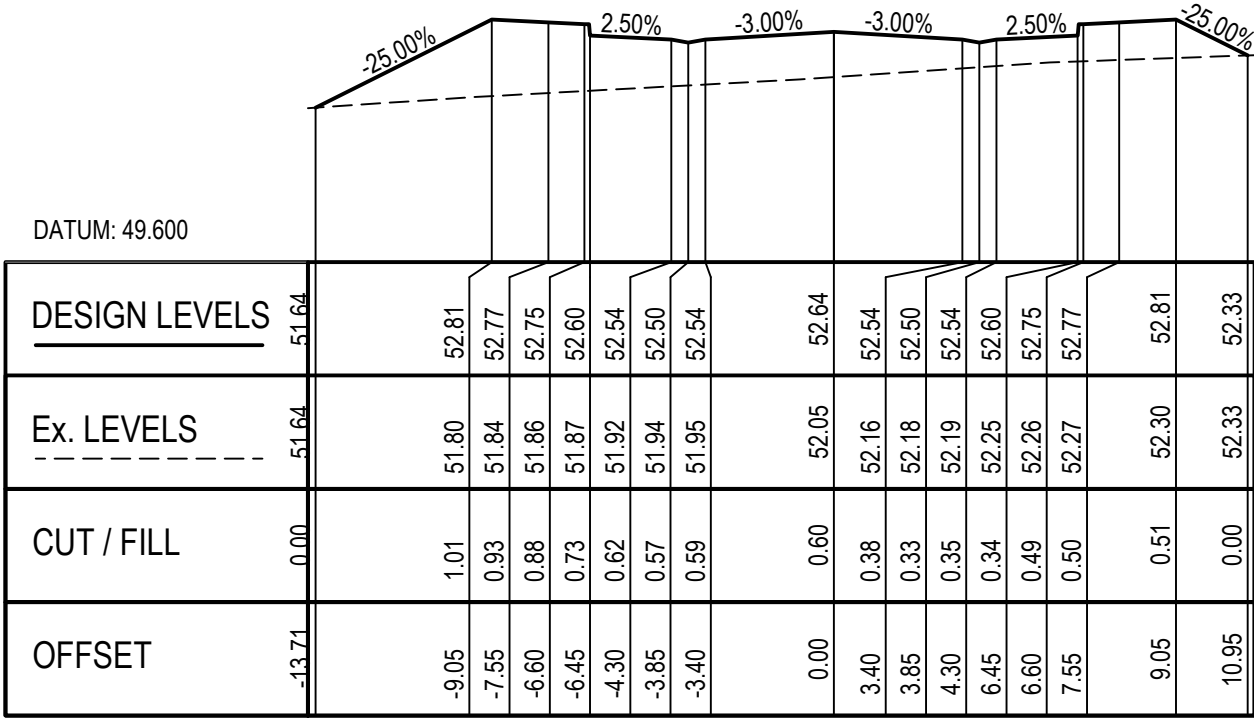
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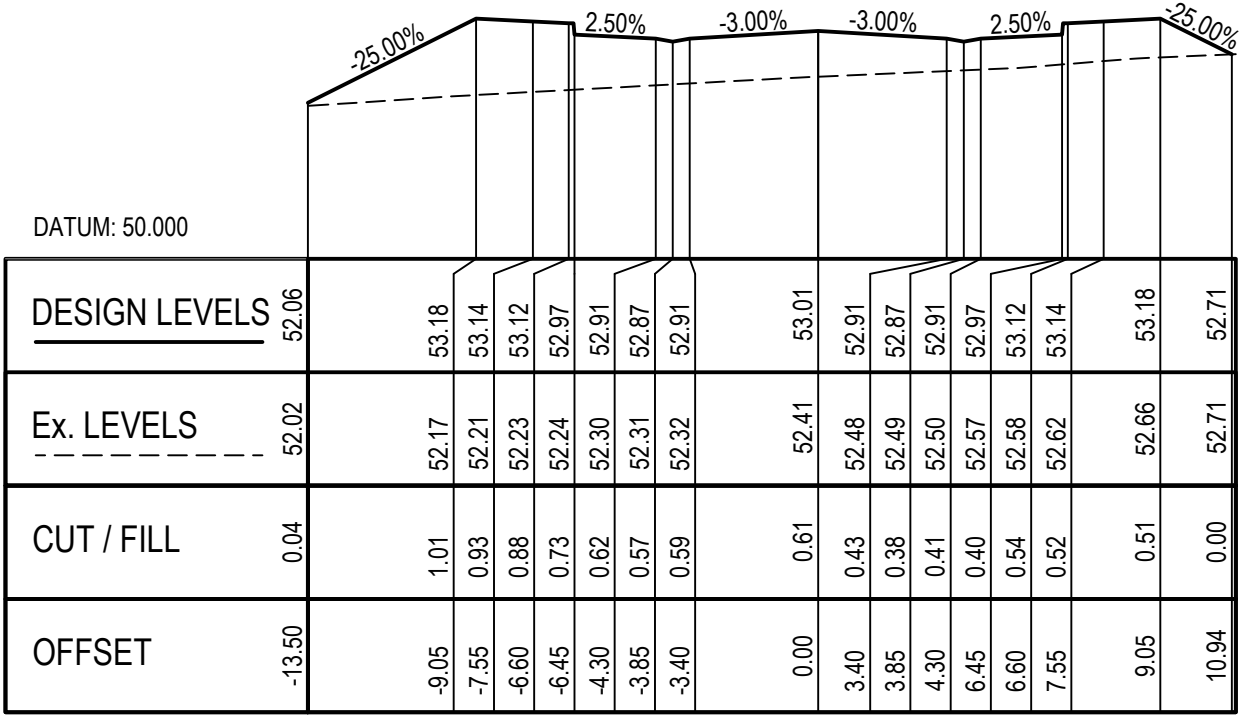
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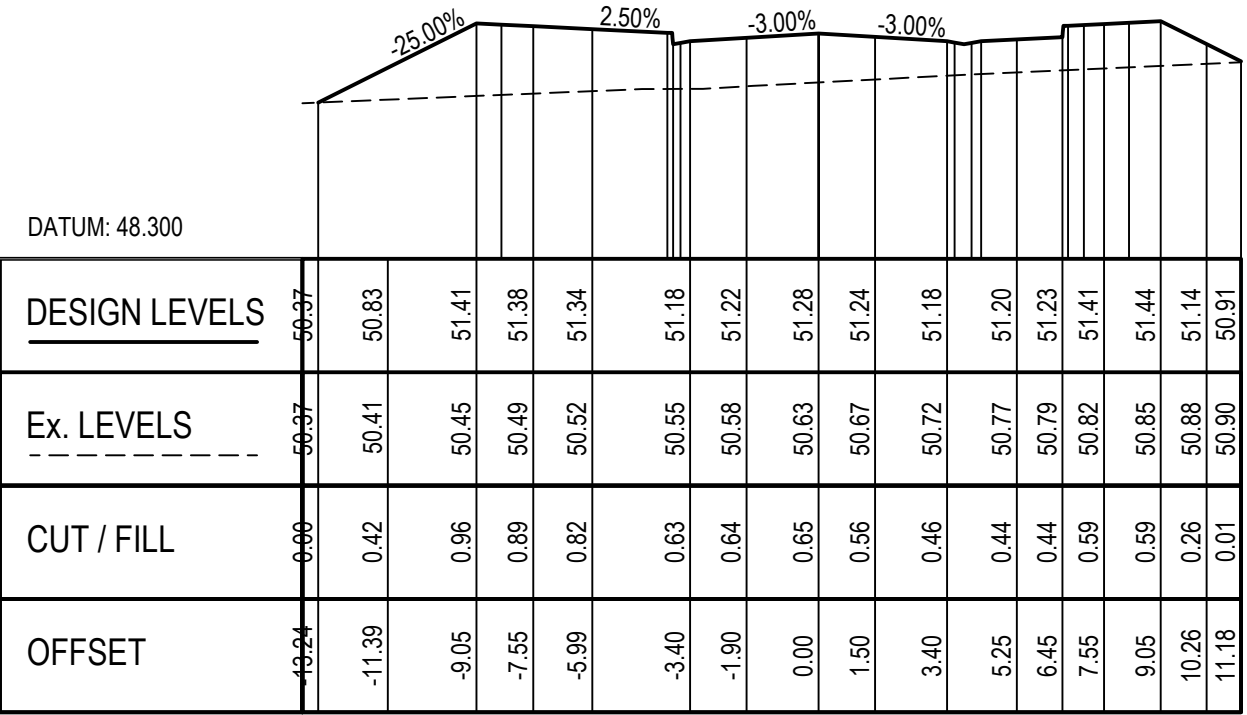
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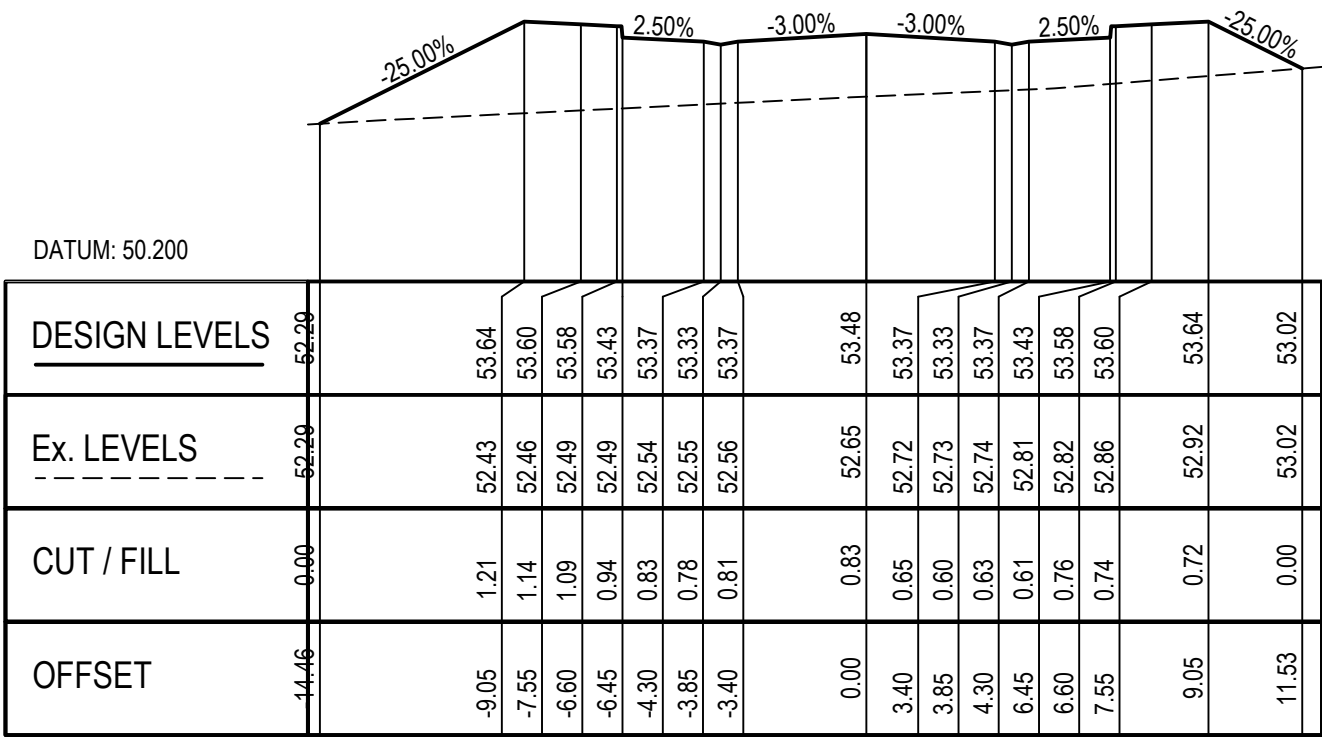
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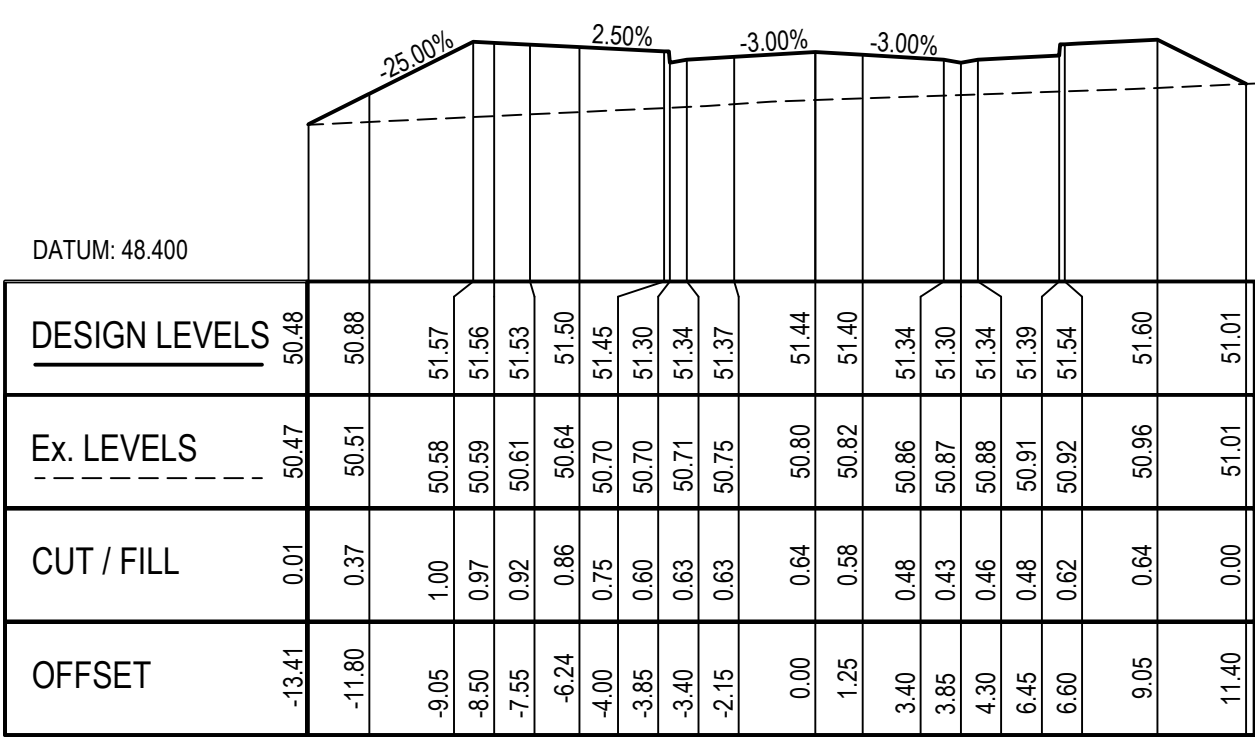
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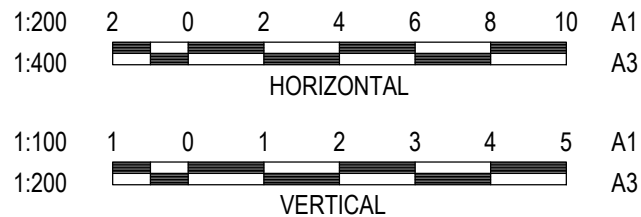
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C-ROAD-01CL - CH 112.963

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B	ISSUED FOR DA	CPO	IAH	26.11.20
A	ISSUED FOR DA APPROVAL	CPO	IAH	25.09.20
REV	DESCRIPTION	DRAWN	APP'D	DATE

DRAWN:	CPO
DESIGNED:	IAH
VERIFIED:	IAH 25.09.20
APPROVED FOR TENDER:	... J.J.L.
APPROVED FOR CONSTRUCTION:	... J.J.L.

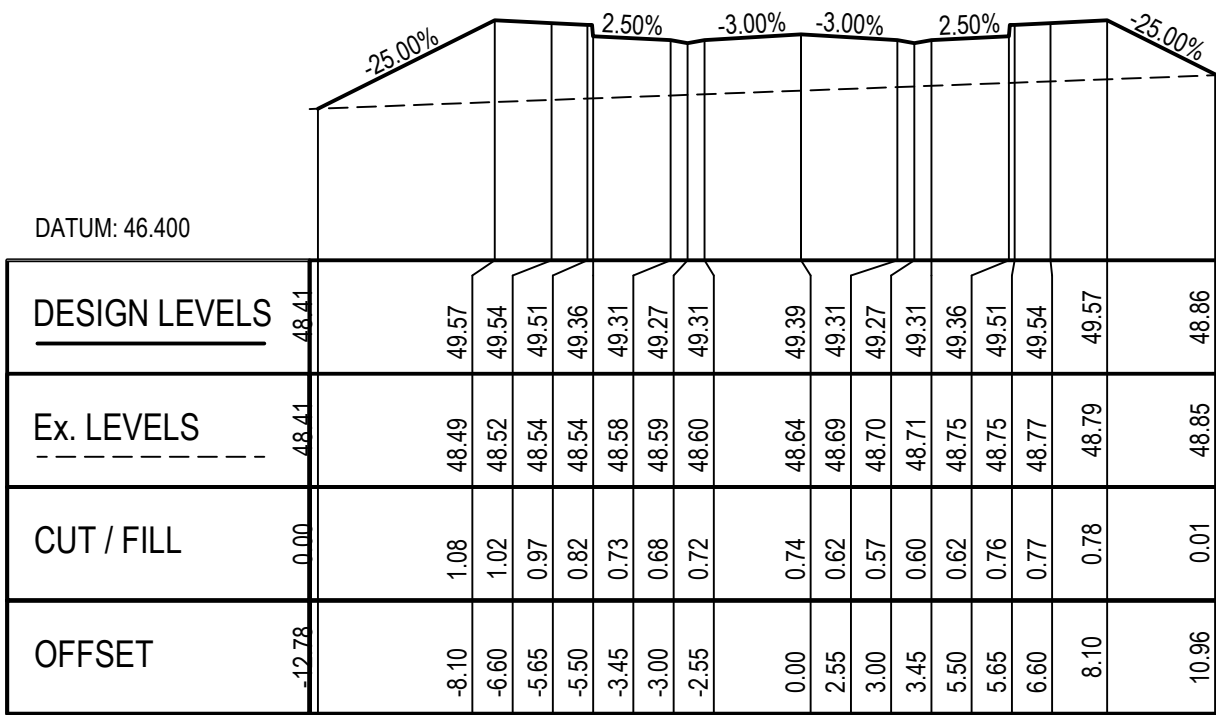


TONY OWEN PARTNERS

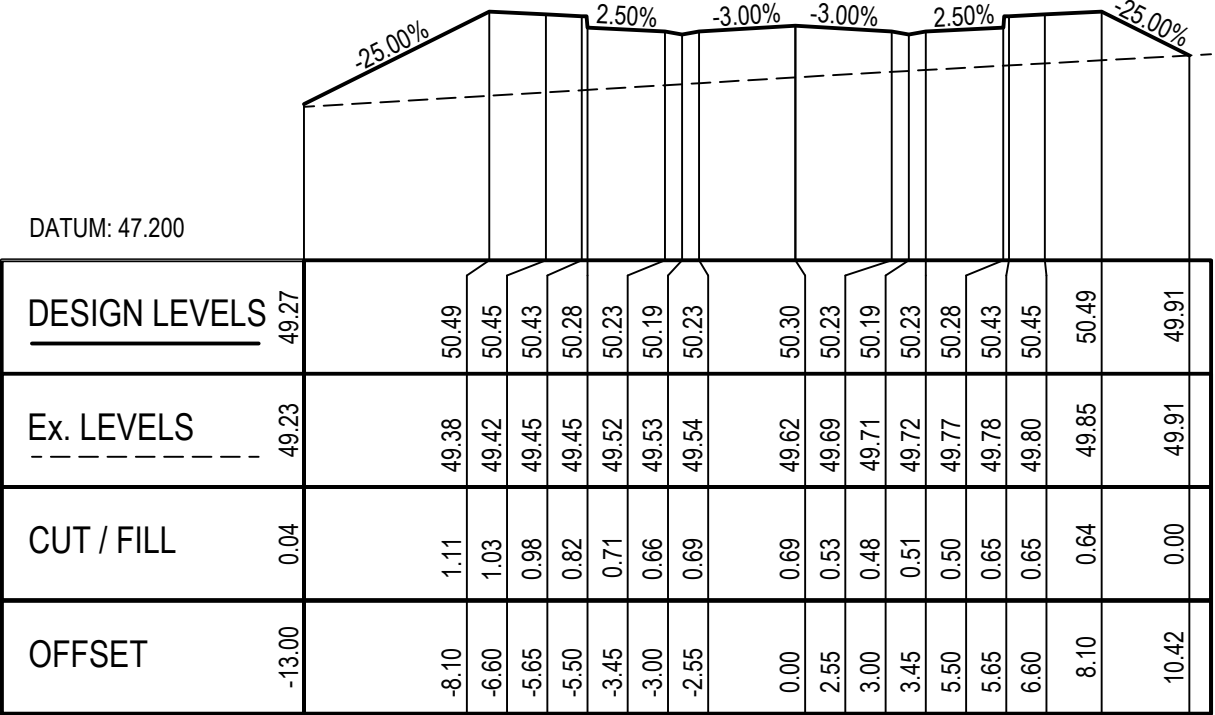
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CROATIA AVENUE	ROADS CROSS SECTIONS - LOCAL ROAD 01 - SHEET 2
PROJECT	TITLE

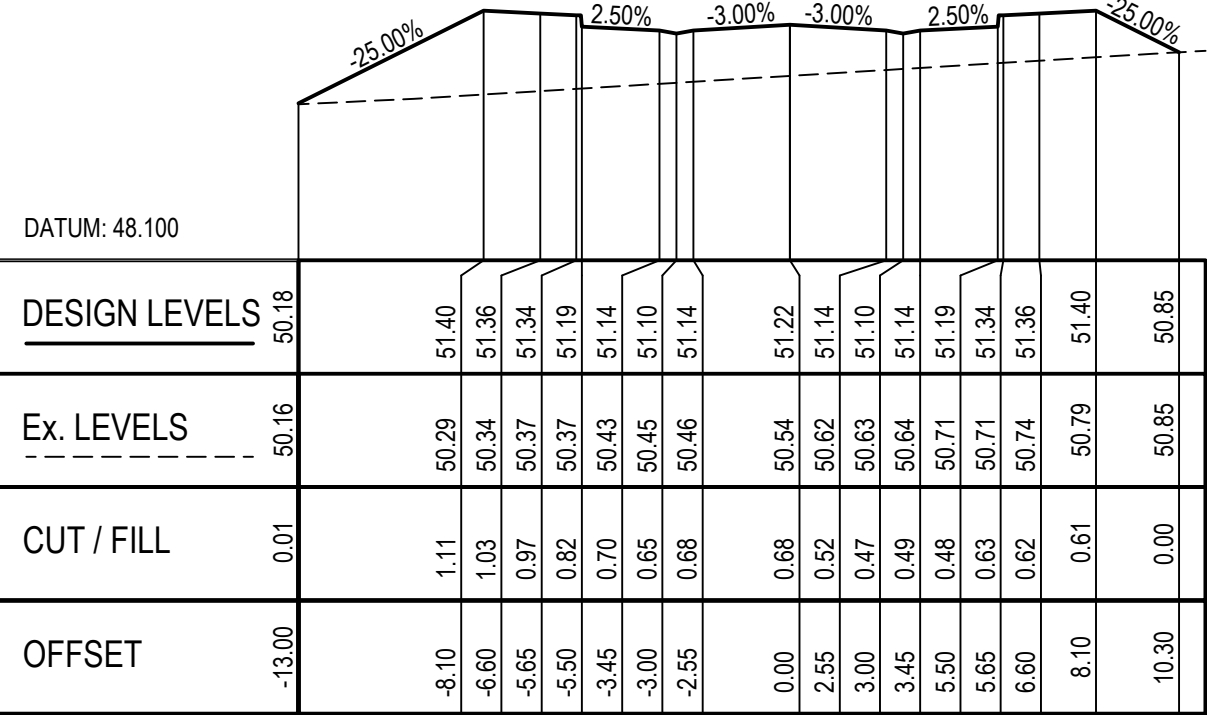
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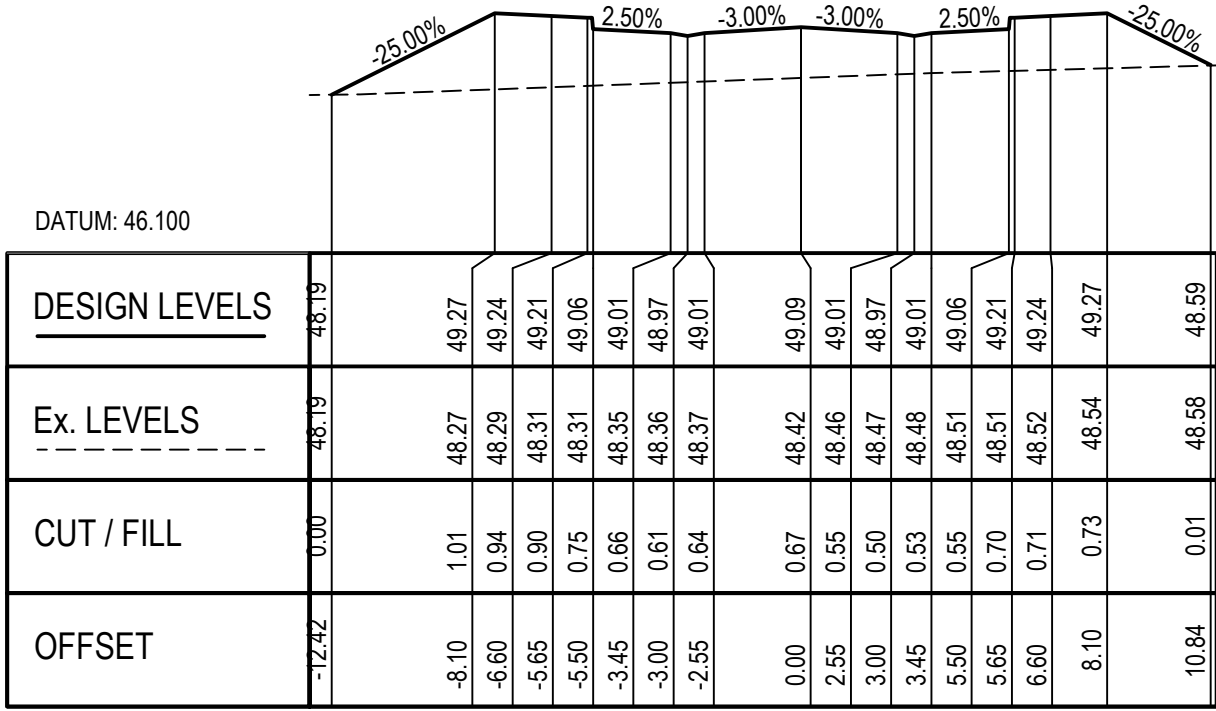
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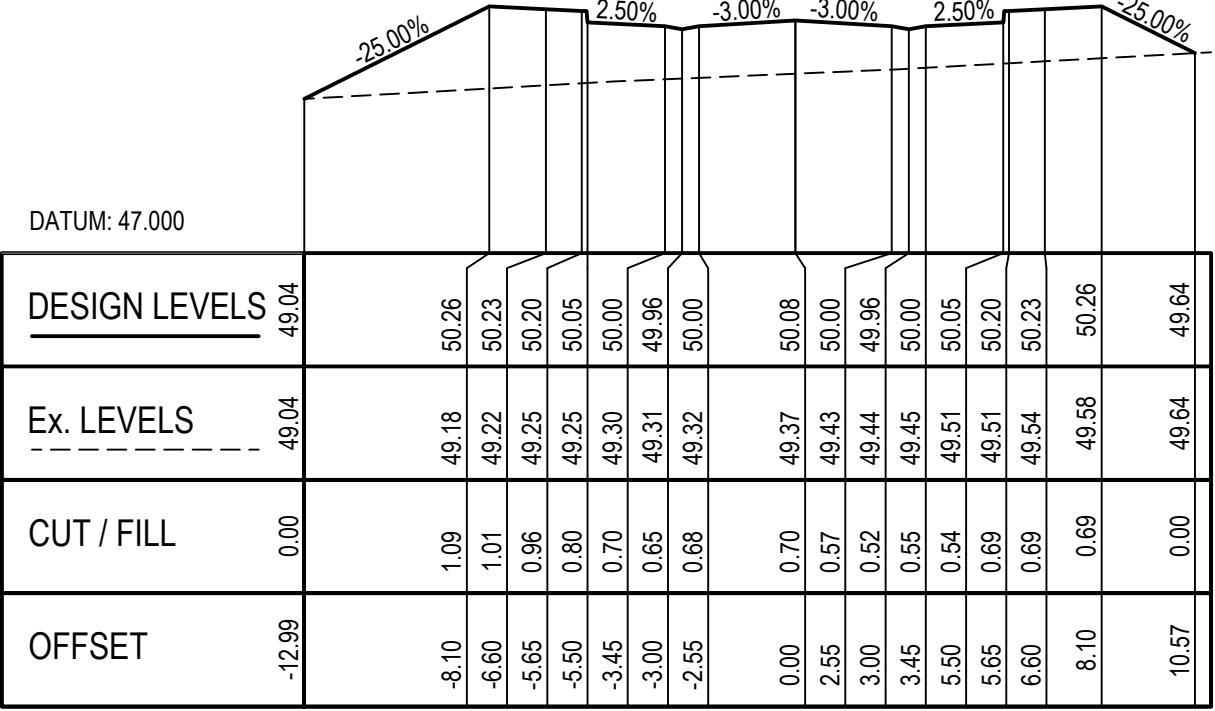
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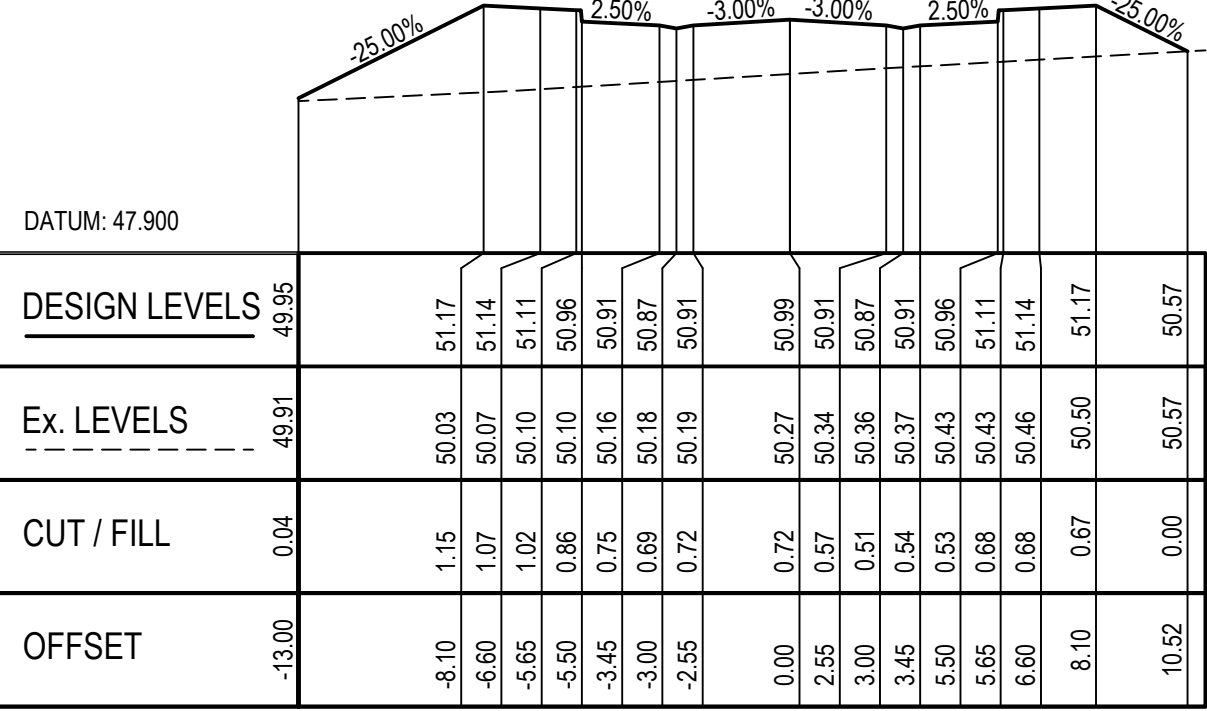
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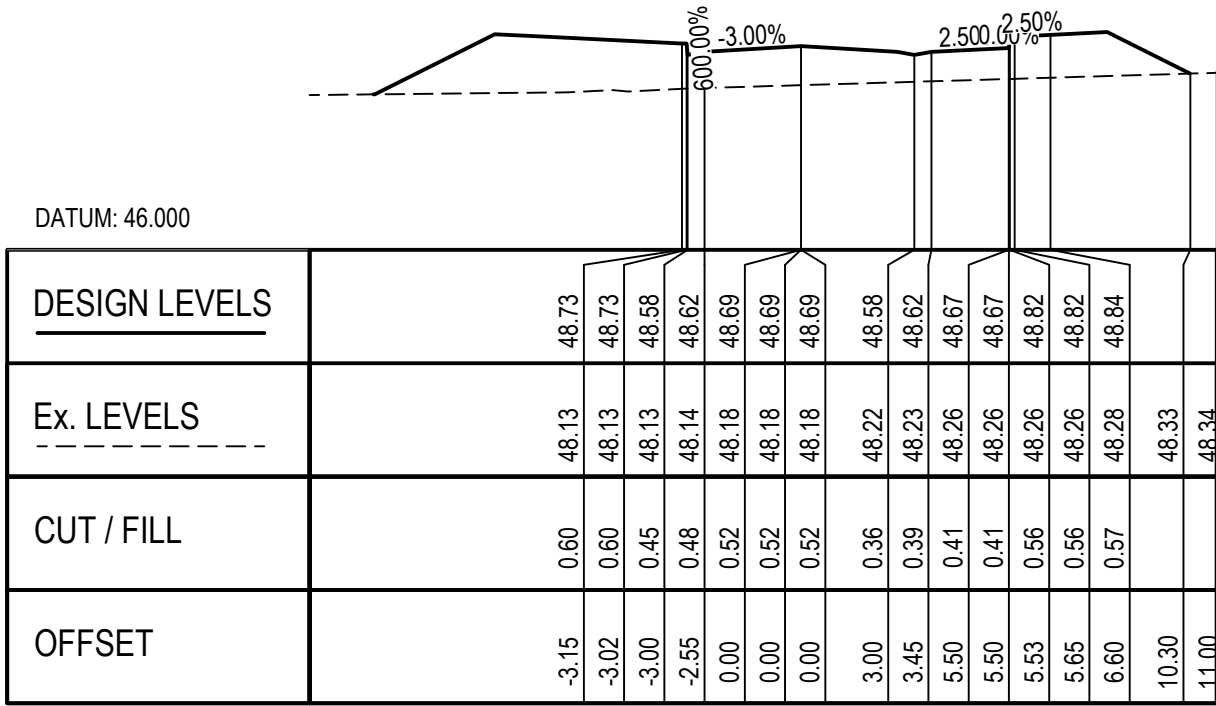
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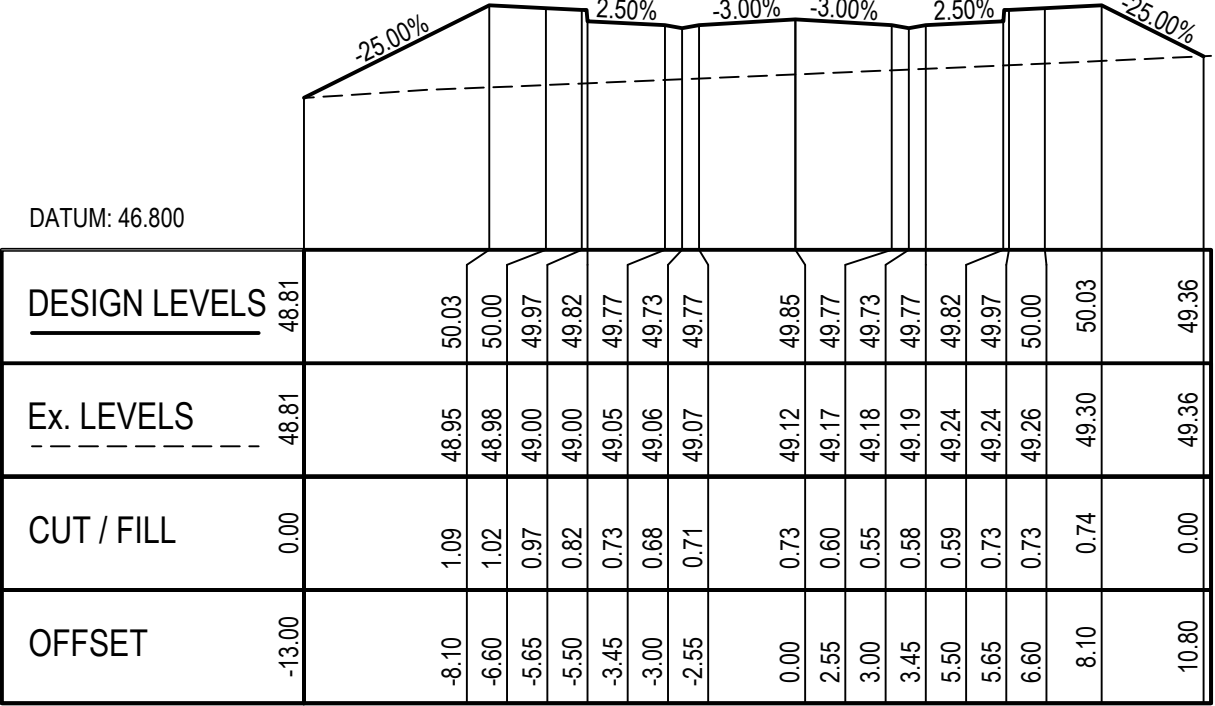
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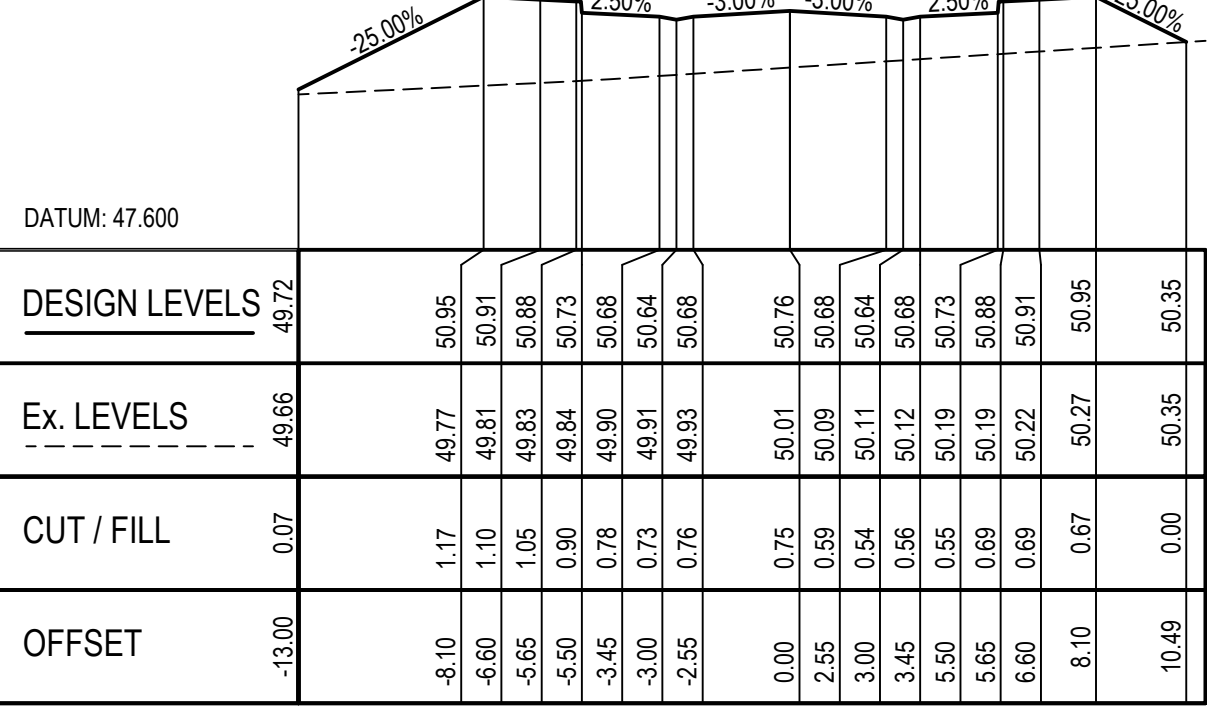
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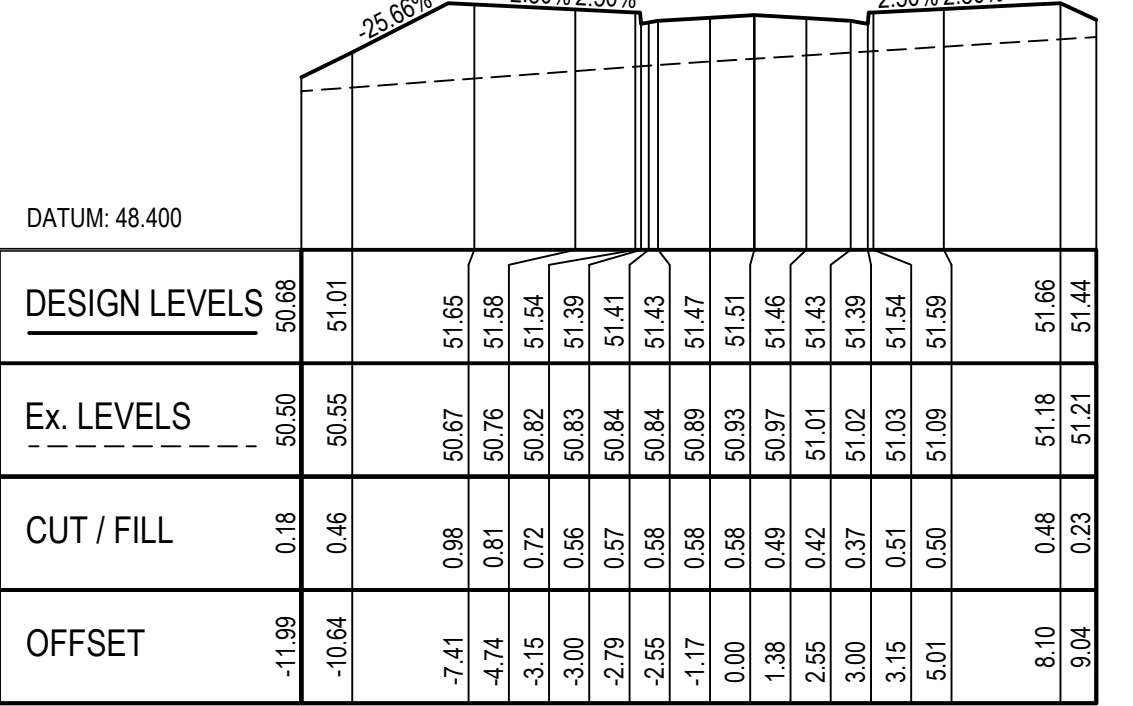
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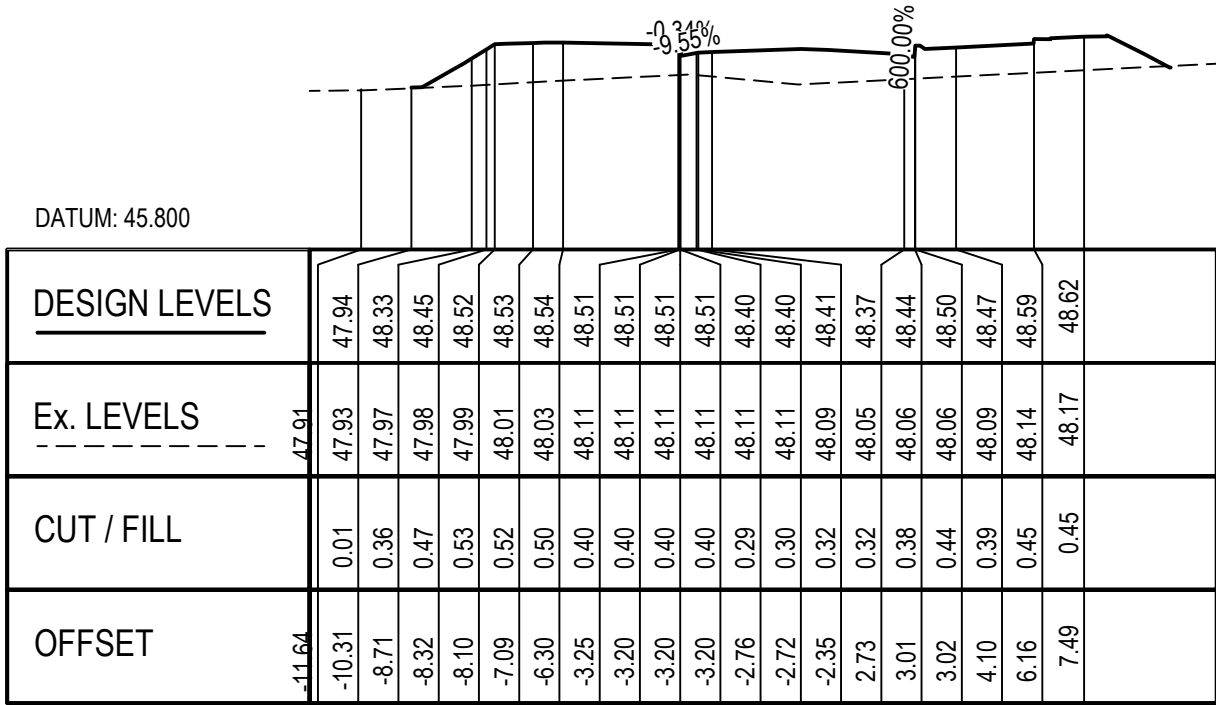
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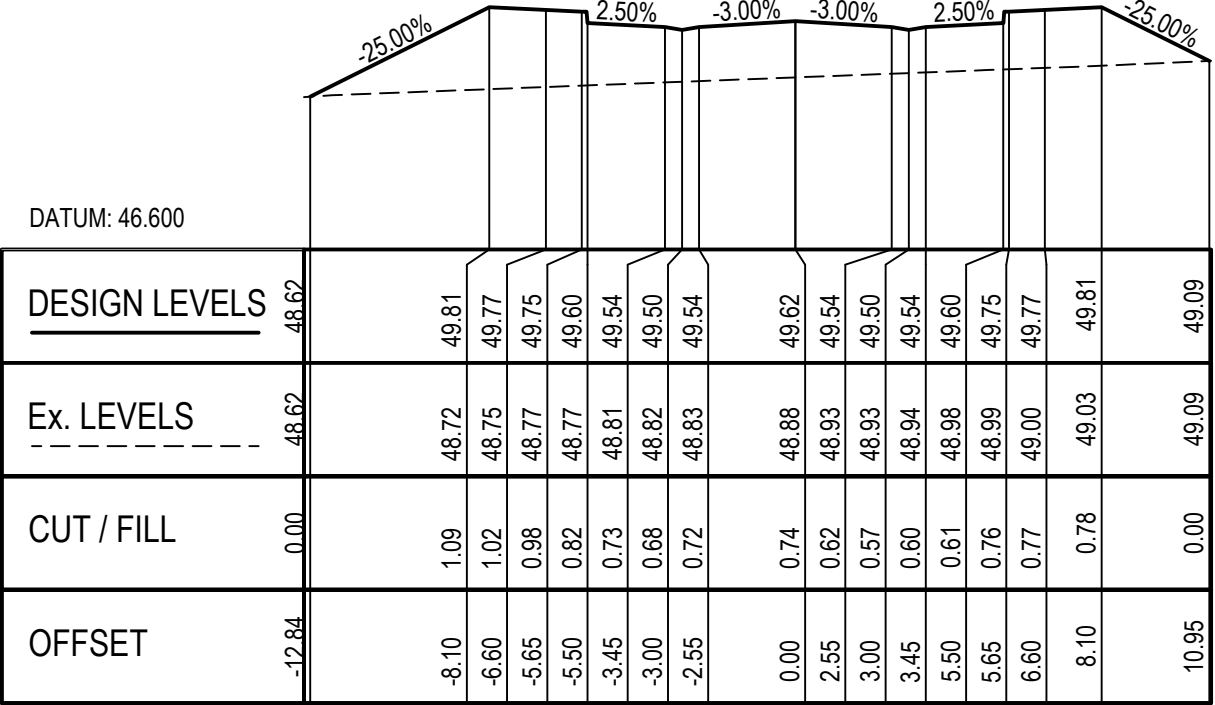
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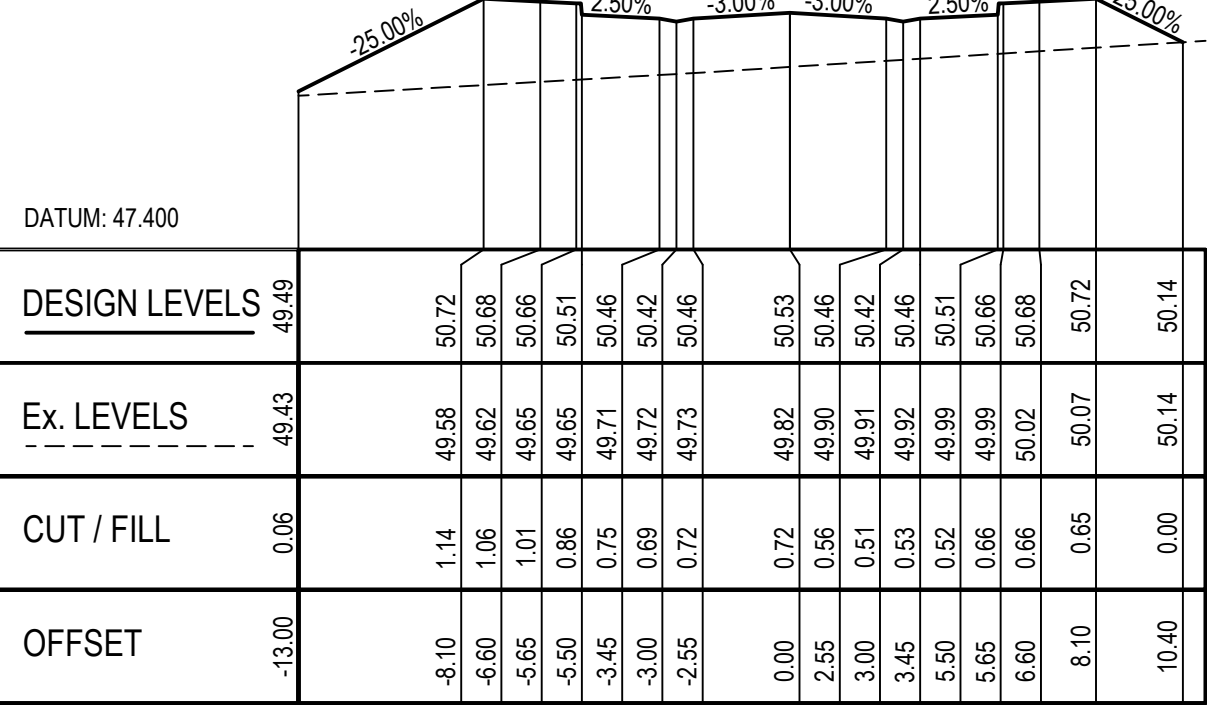
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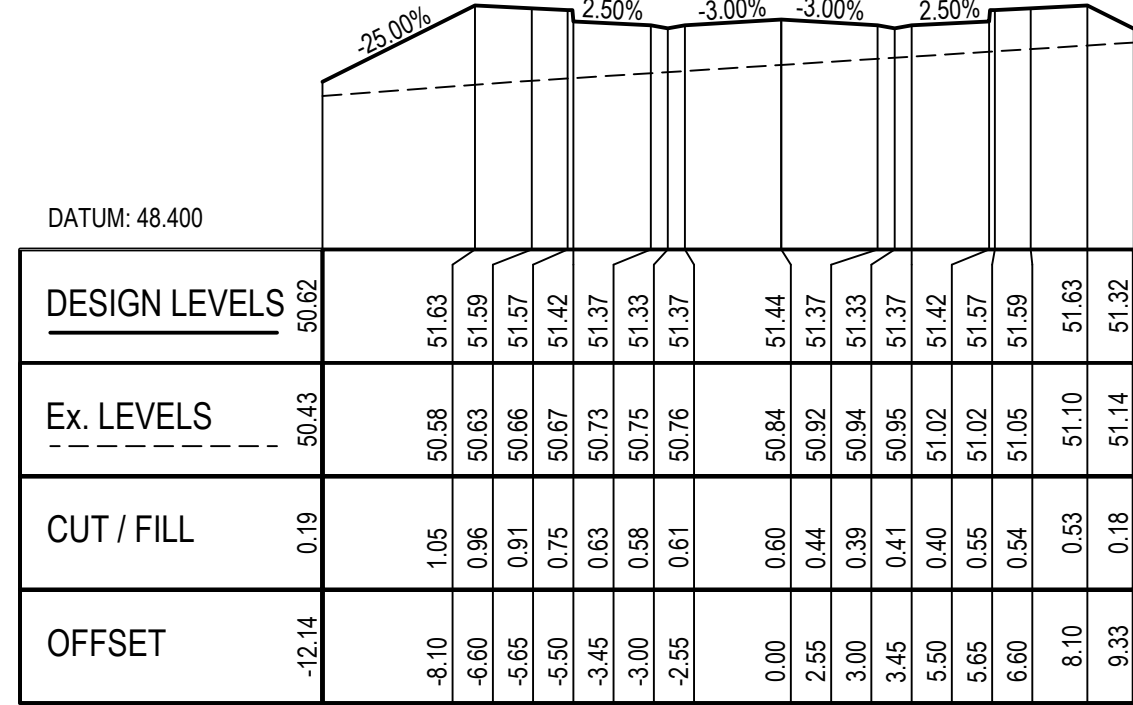
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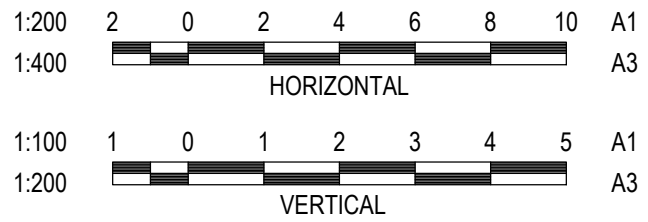
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C-ROAD-02CL - CH 130.000

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REV	DESCRIPTION	DRAWN	APP'D	DATE

DRAWN:	CPO
DESIGNED:	IAH
VERIFIED:	IAH 25.09.20
APPROVED FOR TENDER:	... J.J.
APPROVED FOR CONSTRUCTION:	... J.J.



TONY OWEN PARTNERS

ARCHITECT/CLIENT

CROATIA AVENUE

ROADS CROSS SECTIONS -
LOCAL ROAD 02

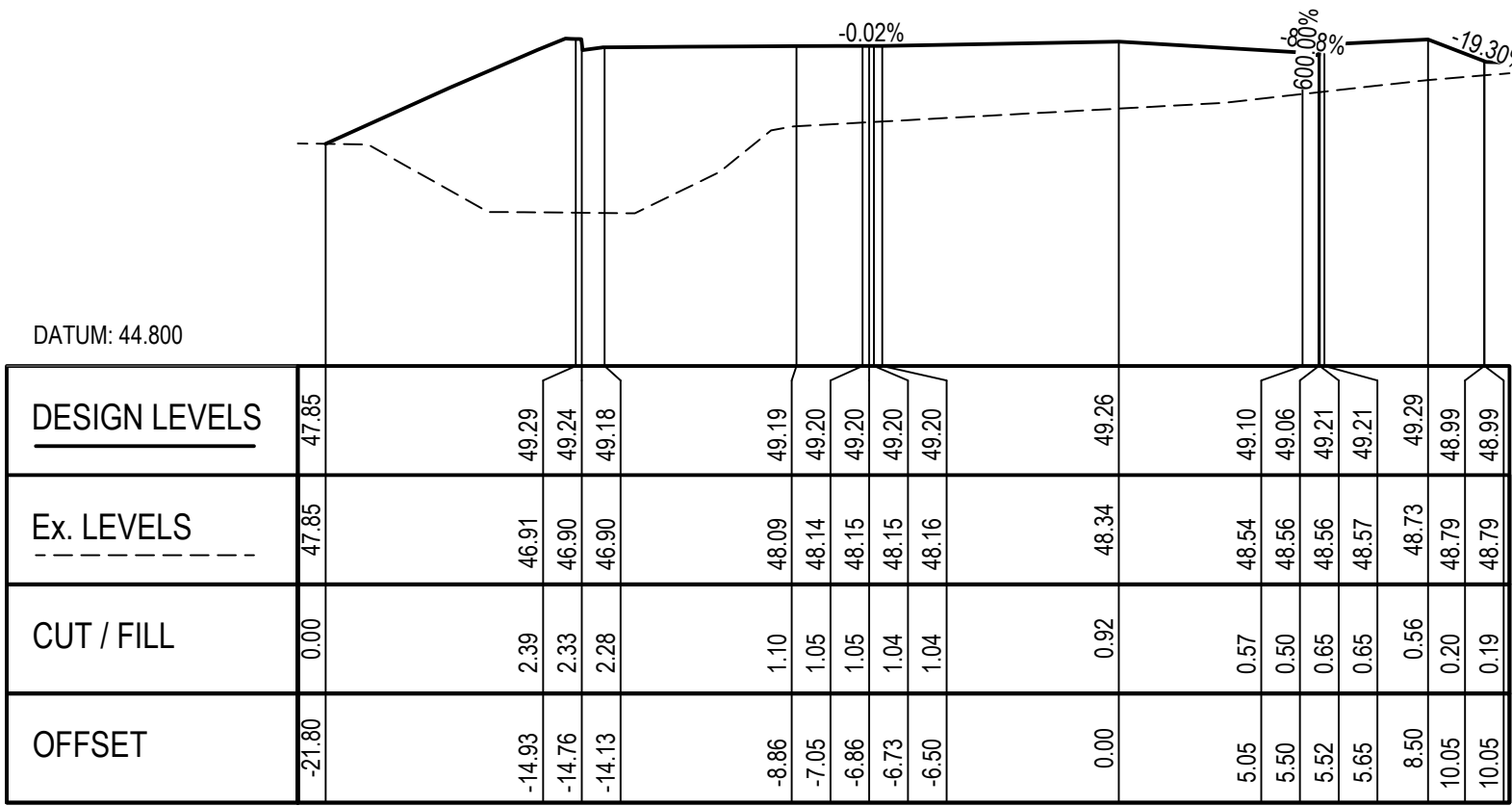
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TITLE

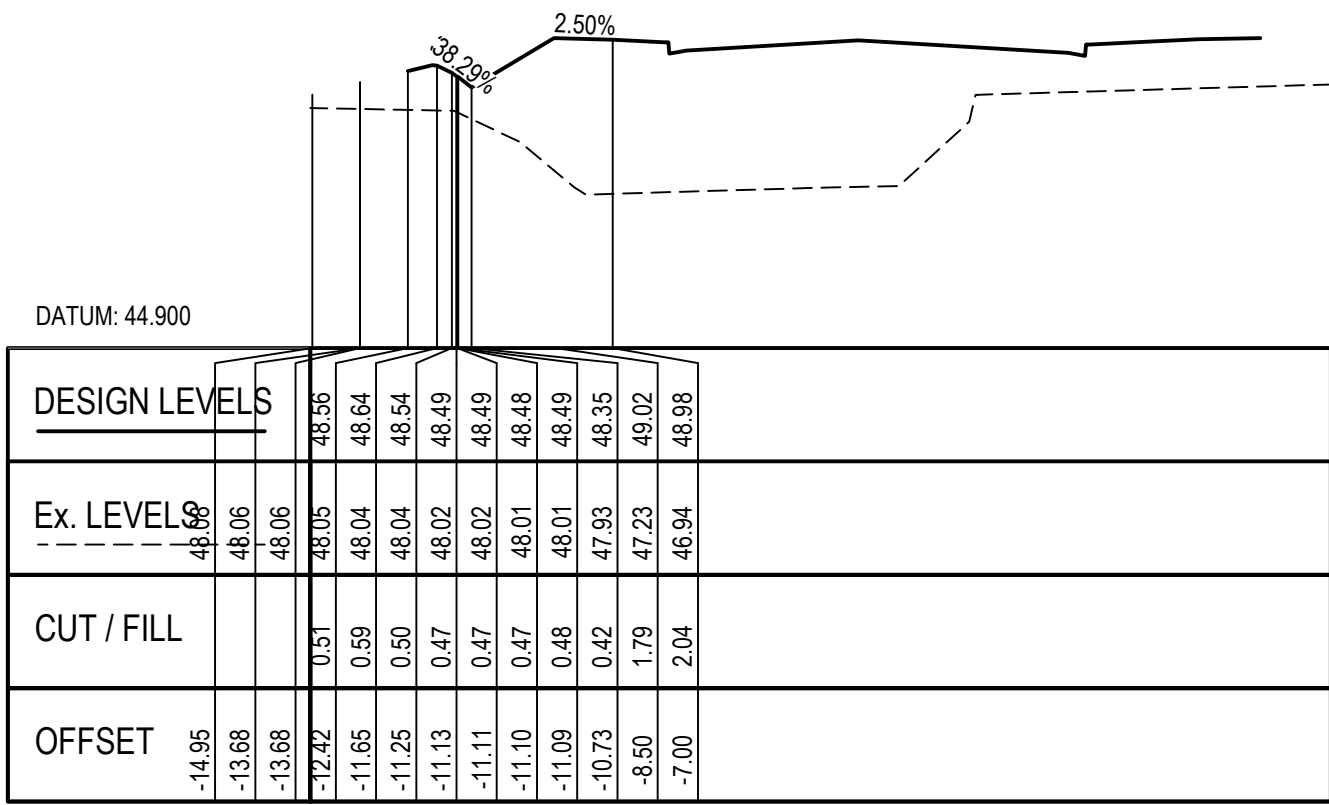


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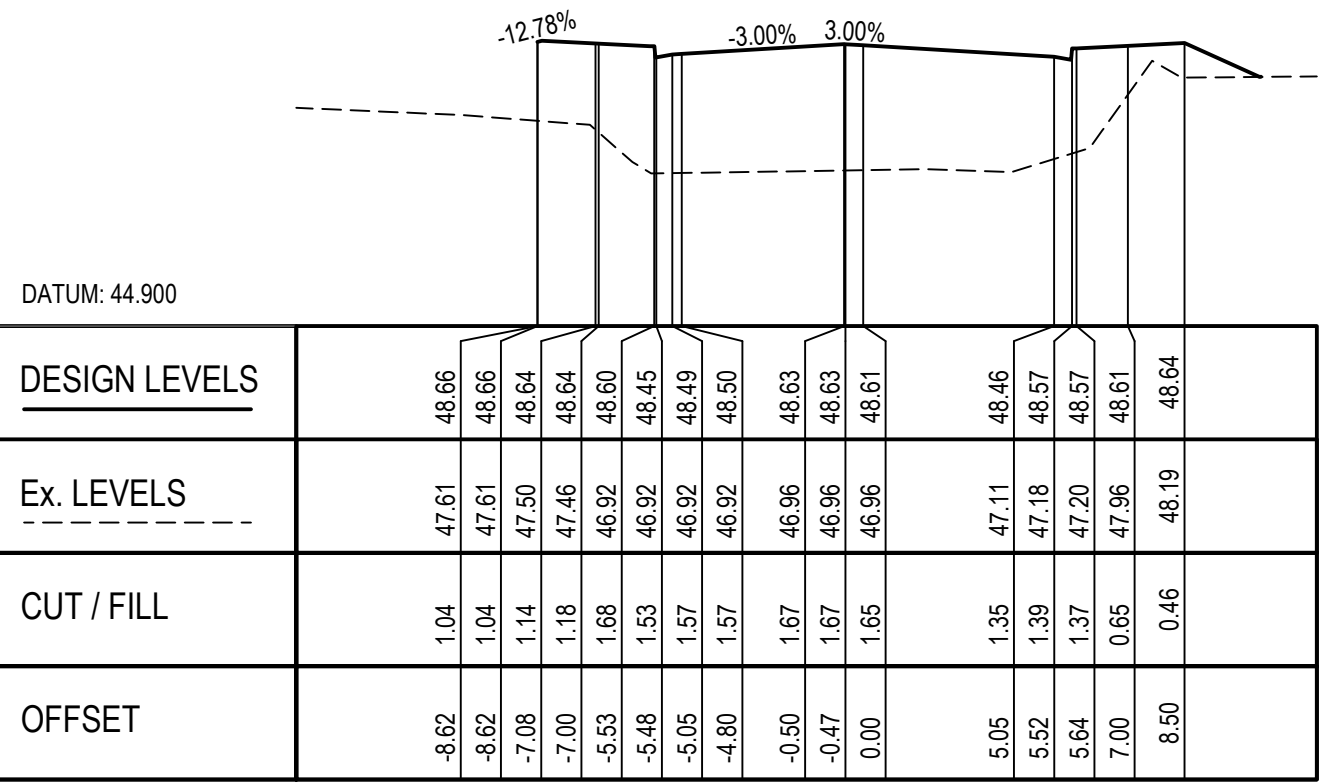
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SCALE @ A1	PROJECT No	DRAWING No	REV



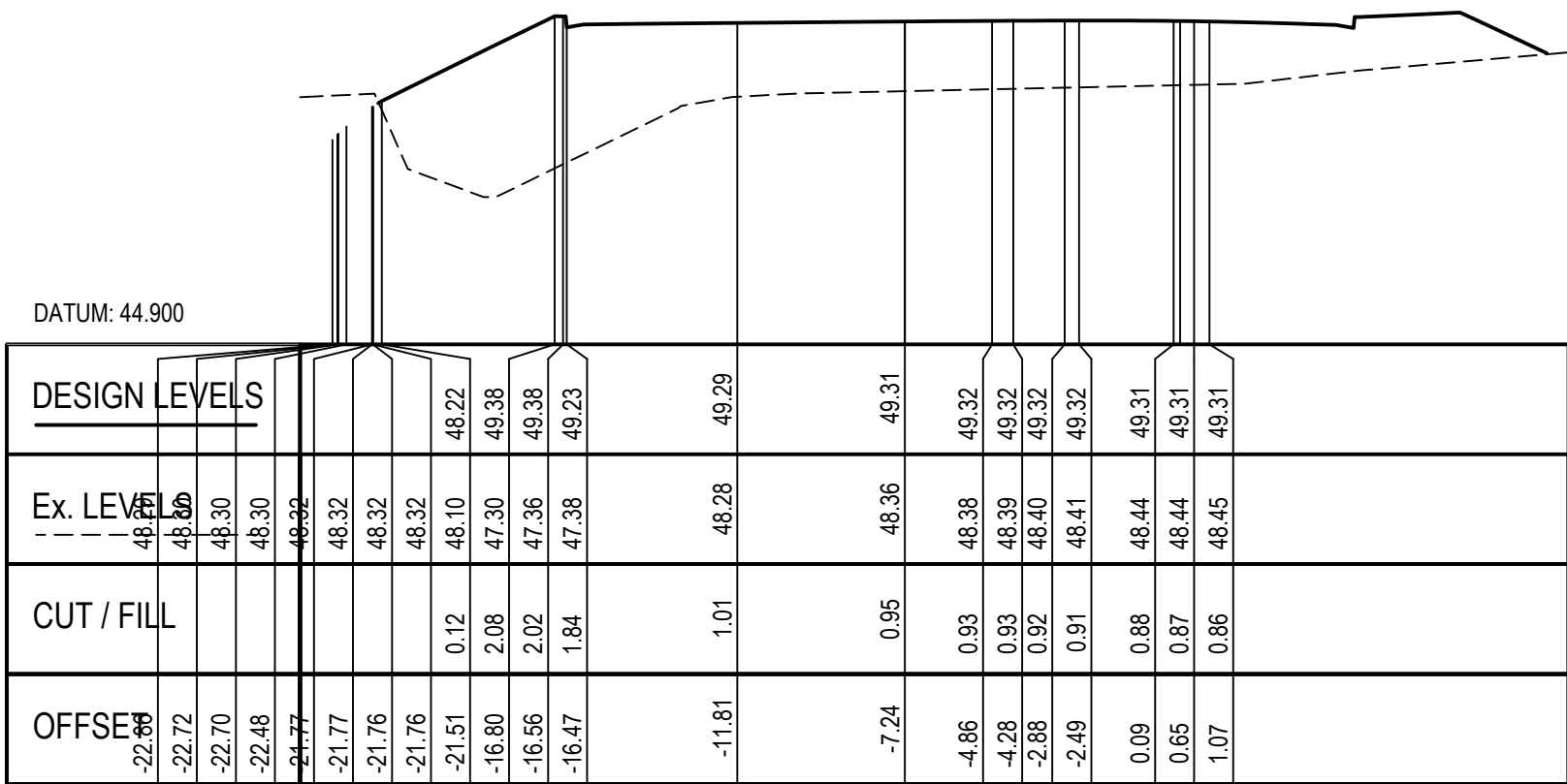
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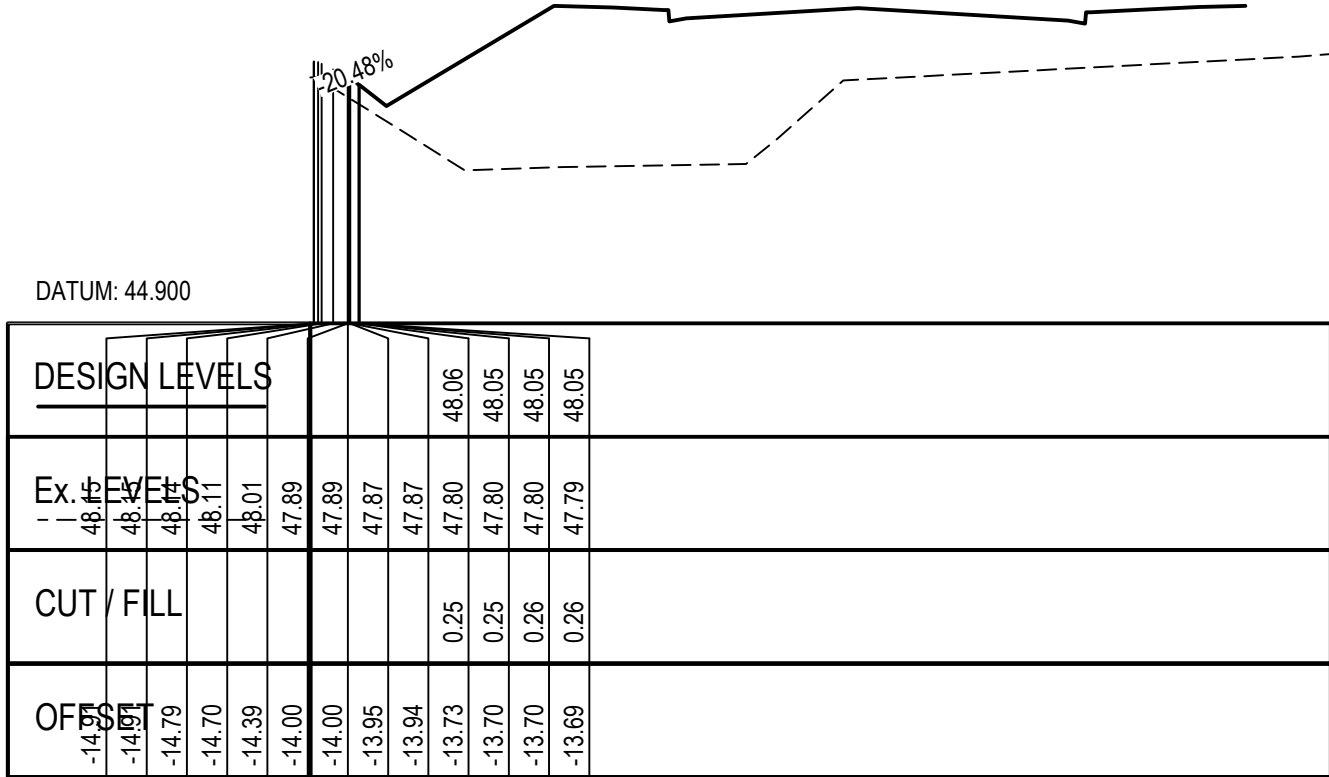
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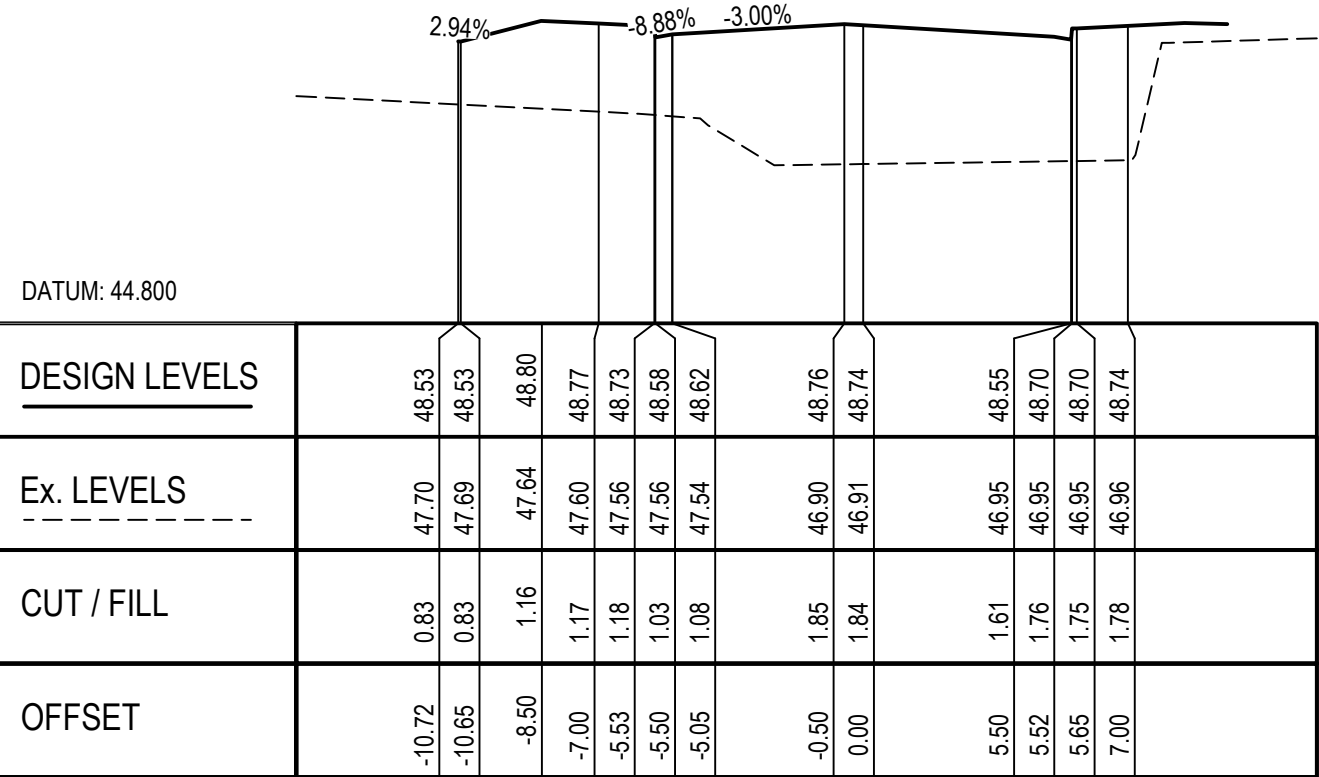
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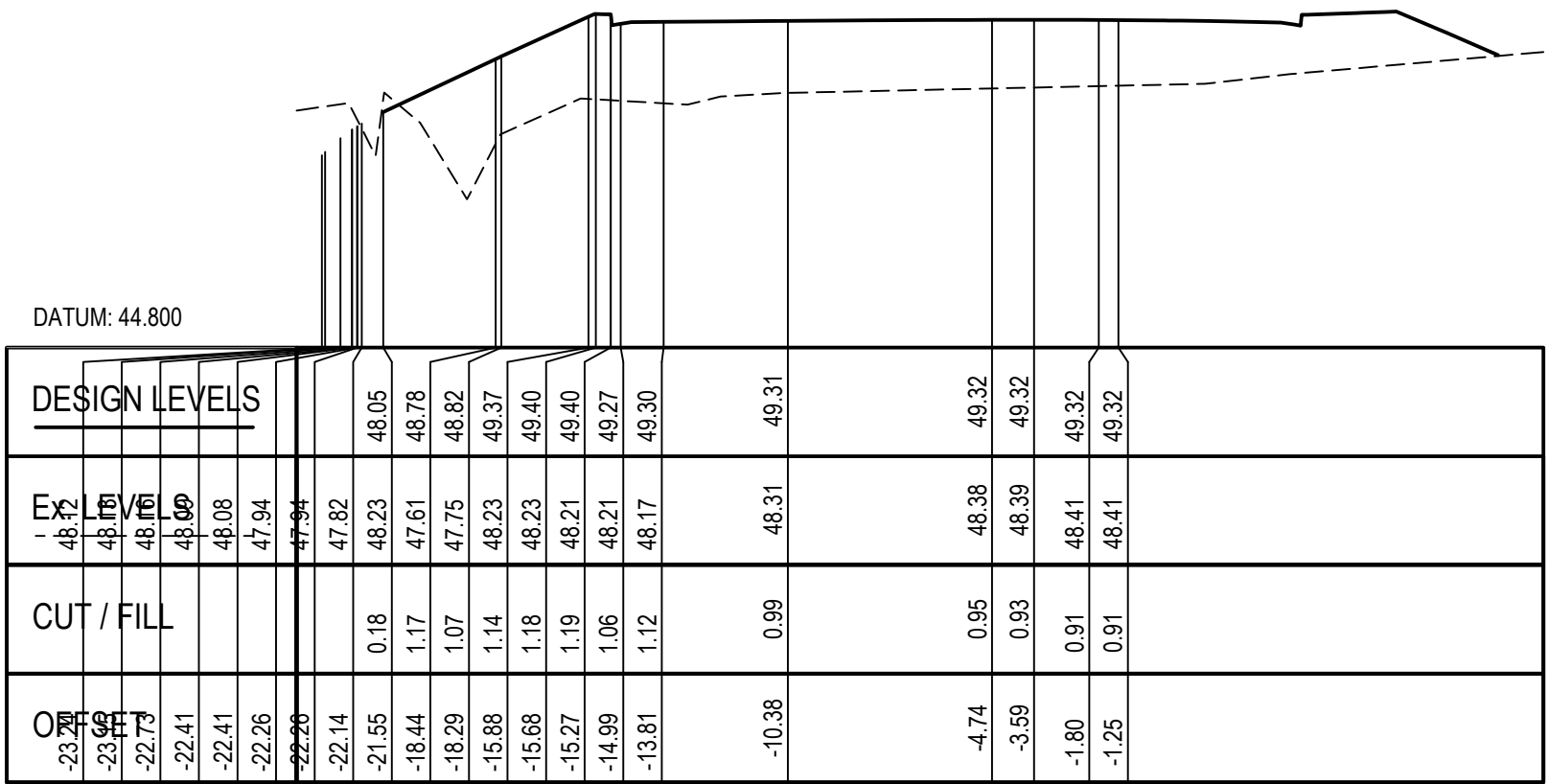
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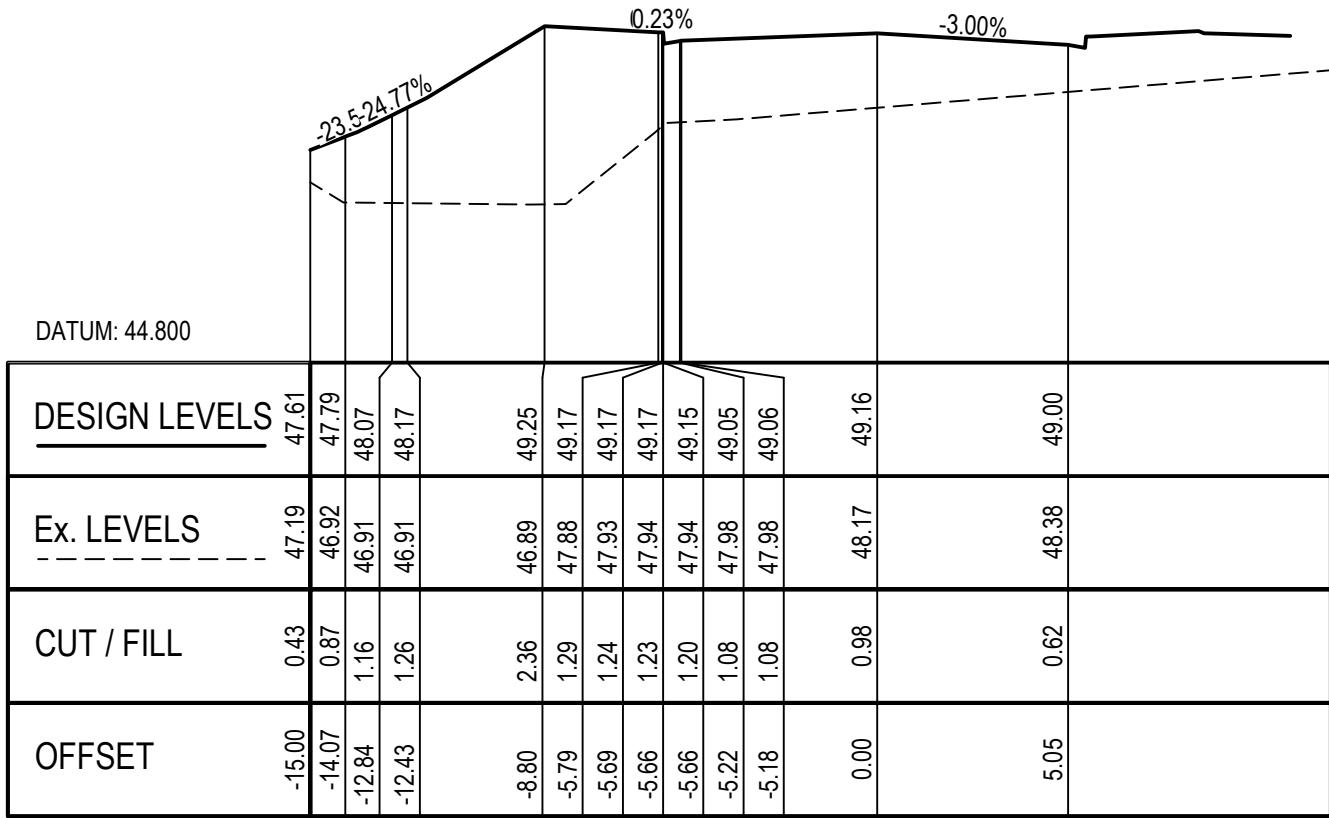
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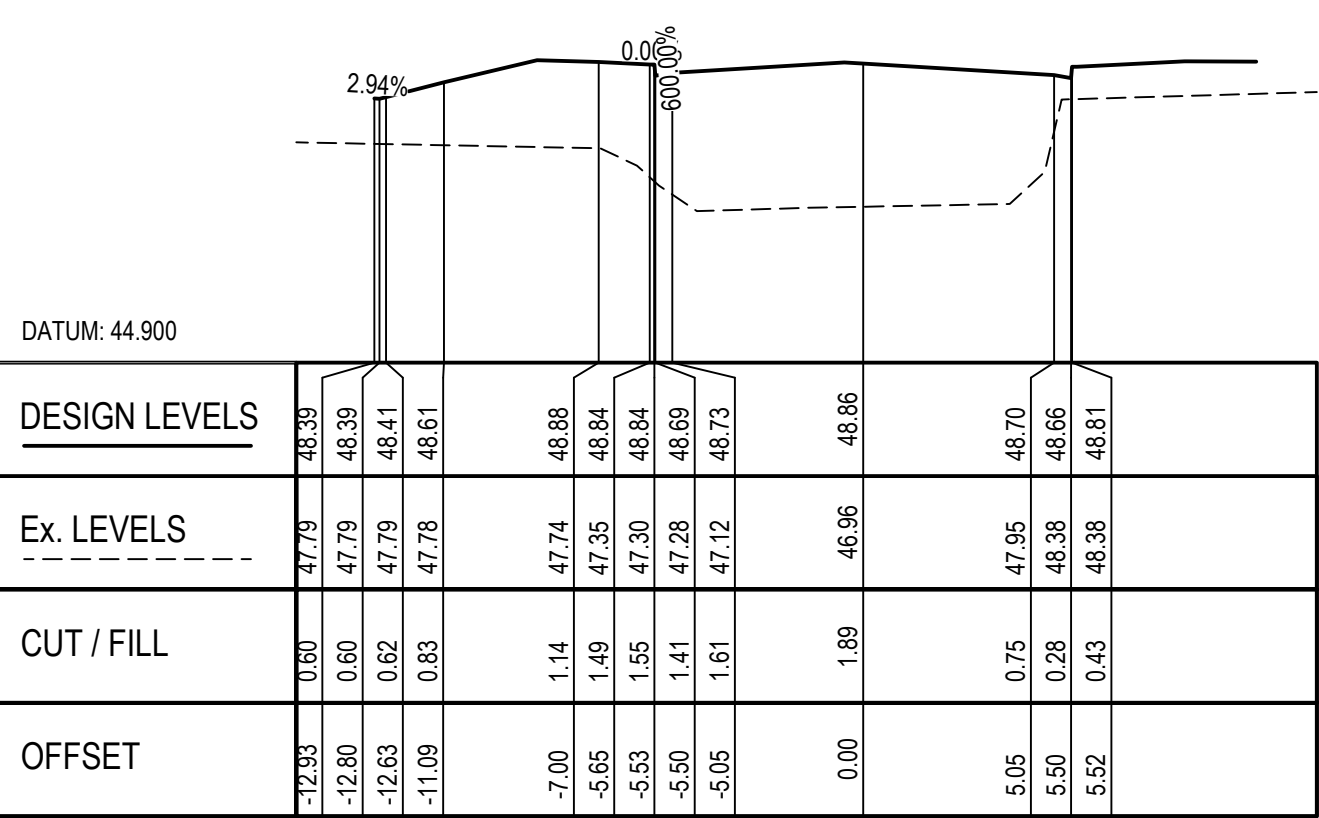
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MACDONALD ROAD - CH 57.316



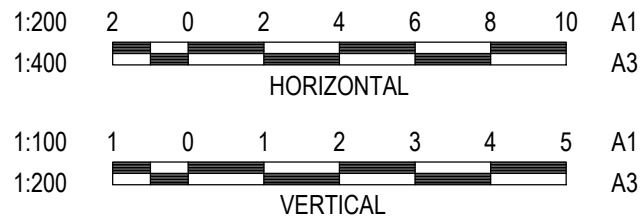
MACDONALD ROAD - CH 80.000



MACDONALD ROAD - CH 110.000

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DRAWN:	CPO
DESIGNED:	IAH
VERIFIED:	IAH 25.09.20
APPROVED FOR TENDER:	... J.J.
APPROVED FOR CONSTRUCTION:	... J.J.

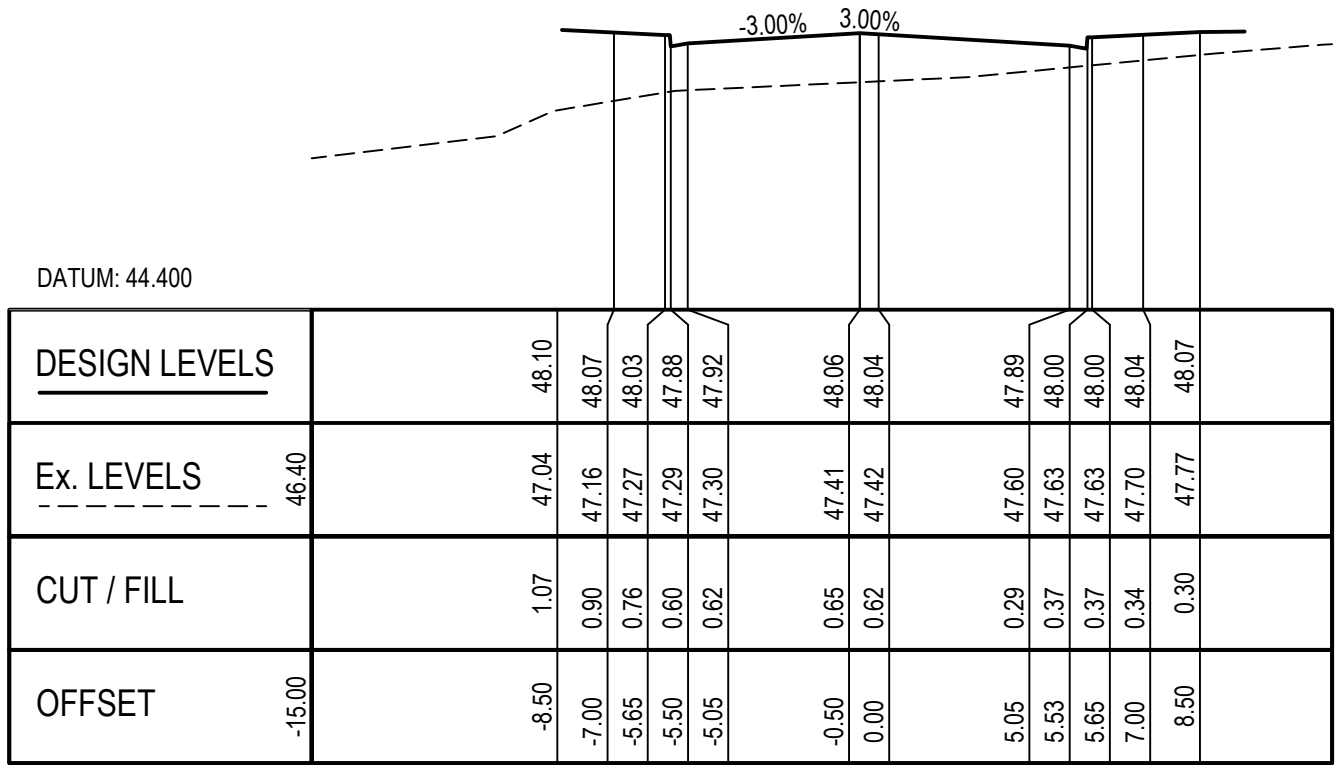


TONY OWEN PARTNERS

ARCHITECT/CLIENT

CROATIA AVENUE	ROADS CROSS SECTIONS - MCDONALD ROAD - SHEET 1
PROJECT	TITLE

APPROVAL NOT FOR CONSTRUCTION			
AS SHOWN	47429	CI-403-31	C
SCALE @ A1	PROJECT No	DRAWING No	REV





DRAWN:	CPO
DESIGNED:	IAH
VERIFIED:	IAH 25.09.20
APPROVED FOR TENDER:	... J.J.J.
APPROVED FOR CONSTRUCTION:	... J.J.J.



ARCHITECT/CLIENT

ROADS CROSS SECTIONS -
MCDONALD ROAD - SHEET 3

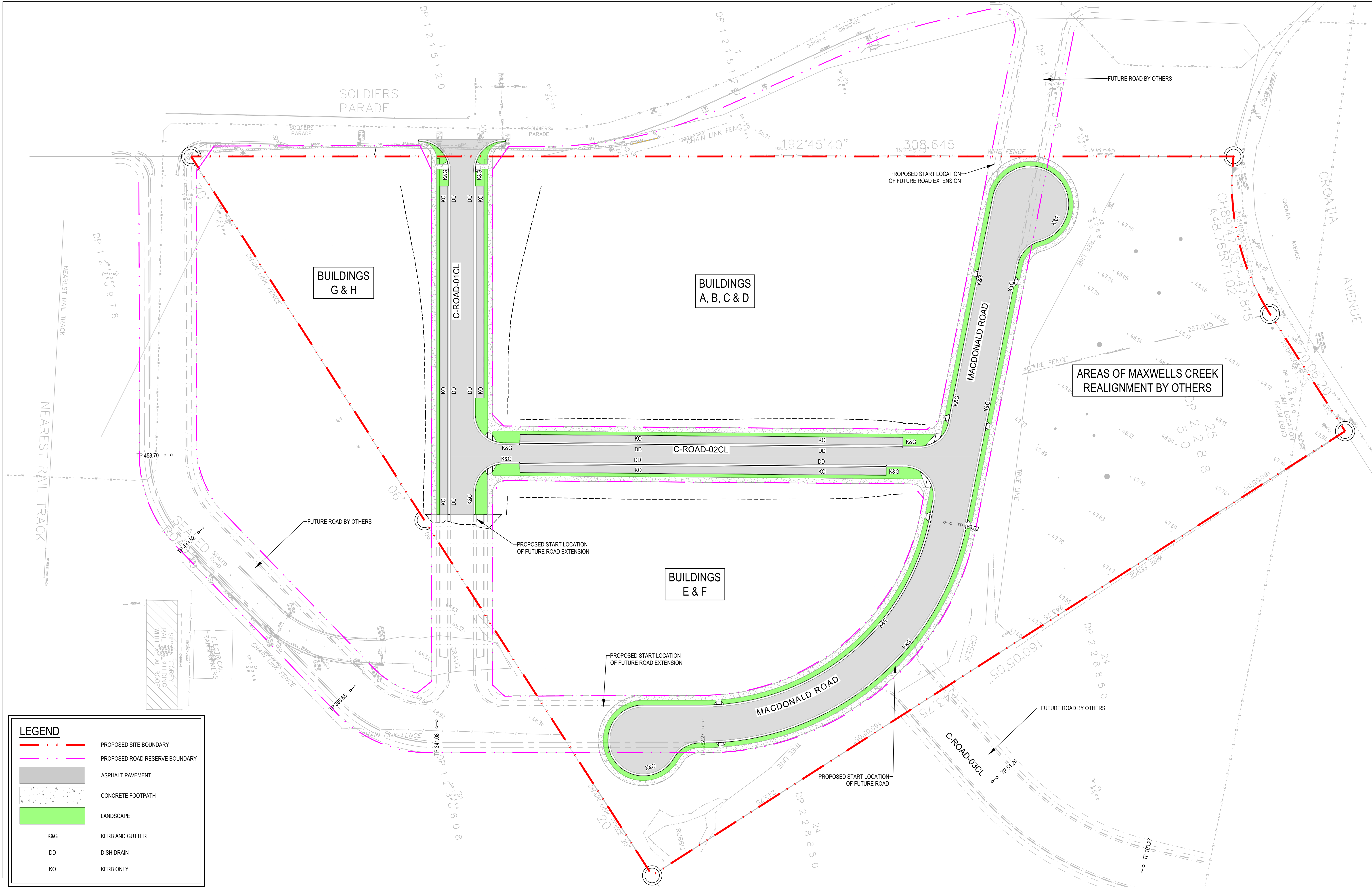
PROJECT

TITLE

47429-Cl-403-11.dwg



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LEGEND

PROPOSED SITE BOUNDARY

PROPOSED ROAD RESERVE BOUNDARY

ASPHALT PAVEMENT

CONCRETE FOOTPATH

LANDSCAPE

K&G

DD

KO

KERB AND GUTTER

DISH DRAIN

KERB ONLY

REV	DESCRIPTION	DRAWN	APP'D	DATE
C	ISSUED FOR DA	CPO	IAH	27.05.21
B	ISSUED FOR DA	CPO	IAH	26.11.20
A	ISSUED FOR DA APPROVAL	CPO	IAH	25.09.20

DRAWN:	CPO
DESIGNED:	IAH
VERIFIED:	IAH 25.09.20
APPROVED FOR TENDER:	... J.J.
APPROVED FOR CONSTRUCTION:	... J.J.



TONY OWEN PARTNERS

ARCHITECT/CLIENT

CROATIA AVENUE	PAVEMENTS PLAN
PROJECT	TITLE

APPROVAL
NOT FOR CONSTRUCTION

AS SHOWN

47429

CL-440-01

C

SCALE @ A1

PROJECT No

DRAWING No

REV



LEGEND

- PROPOSED SITE BOUNDARY
- PROPOSED ROAD RESERVE BOUNDARY
- PROPOSED BUILDING ROOF AREAS
- PROPOSED LANDSCAPE AREAS ON PODIUM LEVEL

REV	DESCRIPTION	DRAWN	APP'D	DATE
B	ISSUED FOR DA	CPO	IAH	27.05.21
A	ISSUED FOR DA	CPO	IAH	26.11.20

DRAWN:	CPO
DESIGNED:	IAH
VERIFIED:	IAH 26.11.20
APPROVED FOR TENDER:	...
APPROVED FOR CONSTRUCTION:	...



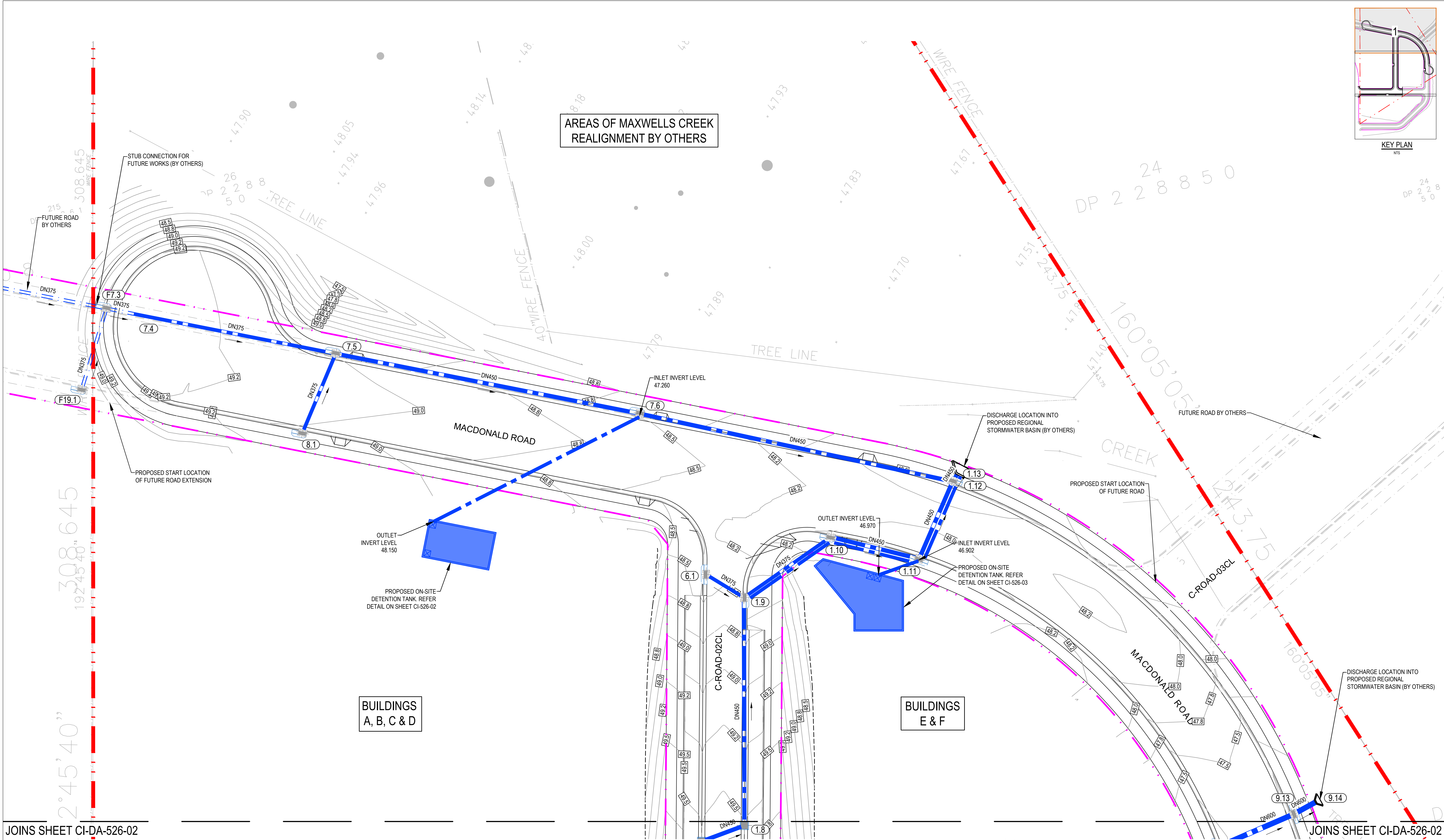
TONY OWEN PARTNERS

ARCHITECT/CLIENT

CROATIA AVENUE	STORMWATER CATCHMENT PLAN
PROJECT	TITLE

47429-CI-500-01.dwg

Stantec	APPROVAL	NOT FOR CONSTRUCTION
AS SHOWN	47429	CI-500-01
SCALE @ A1	PROJECT No	DRAWING No
17/06/2021 7:19:41 PM		B



1:250 5 0 5 10 A1

1:500 5 0 5 10 A3

LEGEND

PROPOSED SITE BOUNDARY	PROPOSED BUILDING	PROPOSED STORMWATER PIPE
PROPOSED ROAD RESERVE BOUNDARY	ON SITE DETENTION TANK	FUTURE STORMWATER PIPE
PROPOSED BASEMENT EXTENT		PROPOSED KERB INLET PIT
		CONCRETE HEADWALL

REV	DESCRIPTION	DRAWN	APP'D	DATE
C	ISSUED FOR DA	CPO	IAH	27.05.21
B	ISSUED FOR DA	CPO	IAH	26.11.20
A	ISSUED FOR DA APPROVAL	CPO	IAH	25.09.20

DRAWN:	CPO
DESIGNED:	IAH
VERIFIED:	IAH 25.09.20
APPROVED FOR TENDER:	...
APPROVED FOR CONSTRUCTION:	...

ARCHITECT/CLIENT

TONY OWEN PARTNERS

CROATIA AVENUE

STORMWATER DRAINAGE PLAN - SHEET 1

PROJECT TITLE

Stantec

AS SHOWN 47429 17/06/2021 7:20:15 PM

APPROVAL

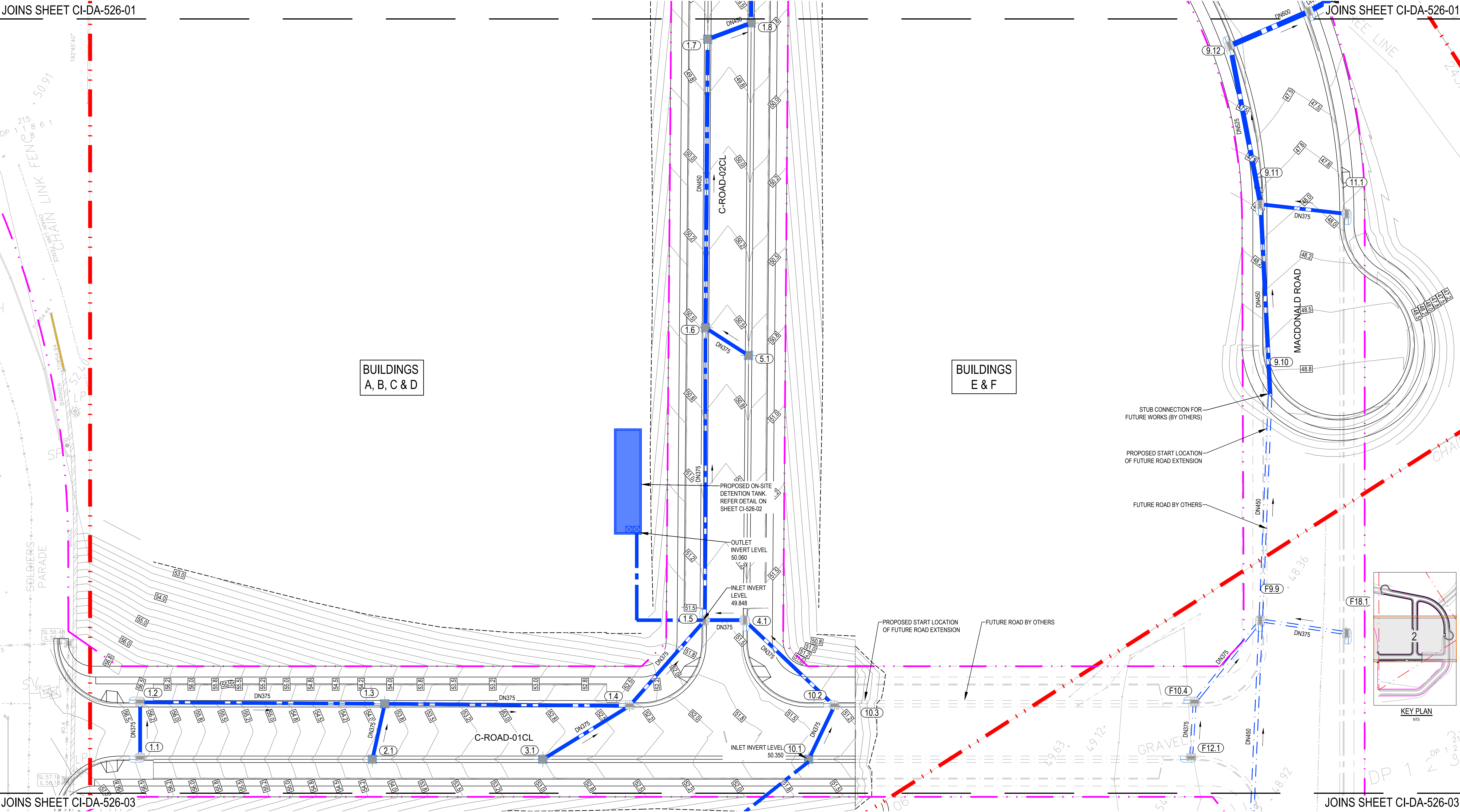
NOT FOR CONSTRUCTION

47429 47429 47429 47429

PROJECT No DRAWING No

C

REV



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1:500

C	ISSUED FOR DA	CPO	IAH	27.05.21
B	ISSUED FOR DA	CPO	IAH	26.11.20
A	ISSUED FOR DA APPROVAL	CPO	IAH	25.09.20
REV	DESCRIPTION	DRAWN	APP'D	DATE

DRAWN:	CPO
DESIGNED:	IAH
VERIFIED:	IAH 25.09.20
APPROVED FOR TENDER:	...
APPROVED FOR CONSTRUCTION:	...

TONY OWEN PARTNERS
ARCHITECT/CLIENT

CROATIA AVENUE

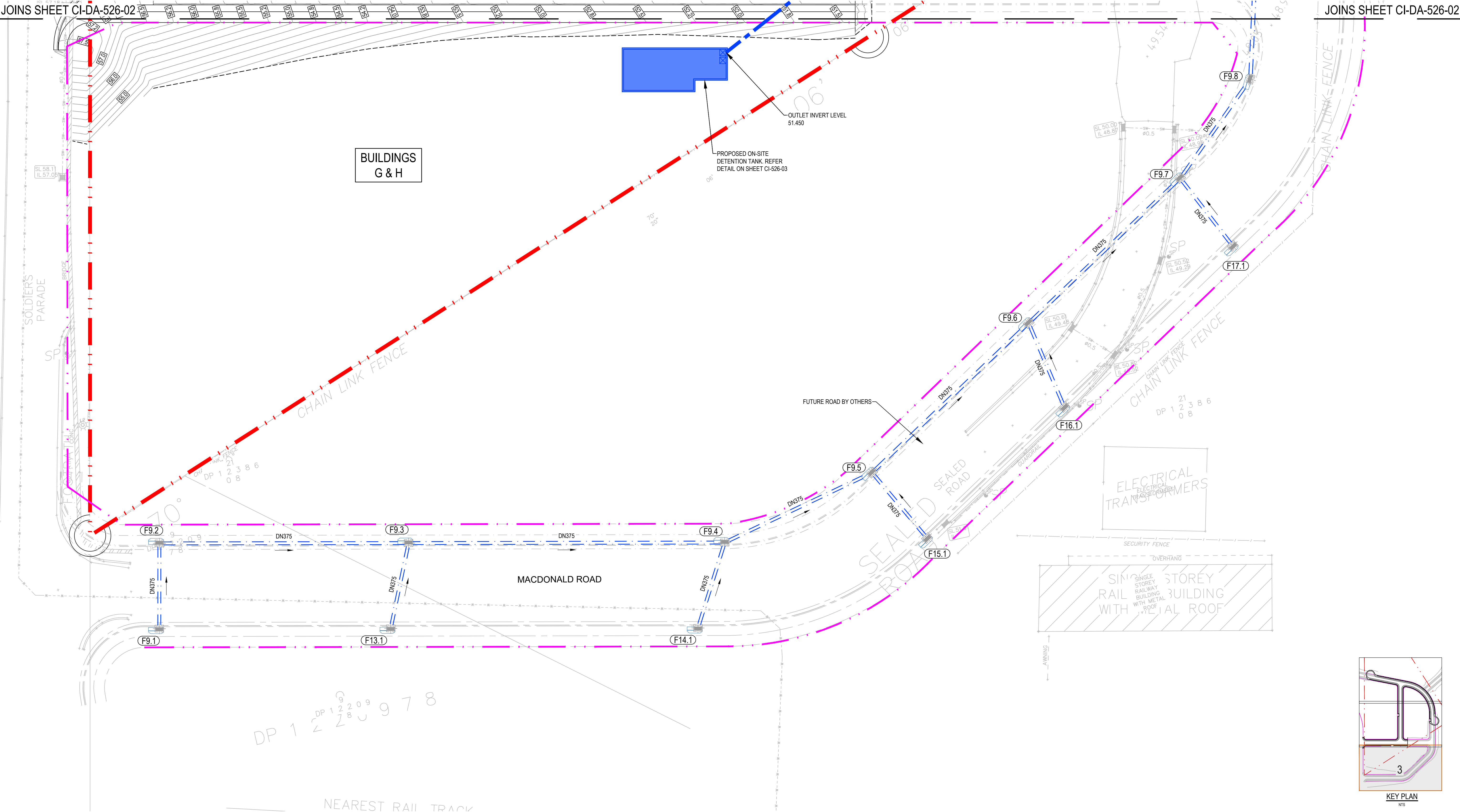
STORMWATER DRAINAGE PLAN -
SHEET 2

PROJECT TITLE

AS SHOWN 47429 CI-520-02 C

SCALE @ A1 PROJECT No DRAWING No REV

17/06/2021 7:20:28 PM



1:250 5 0 5 10 A1
1:500 A3

REV	DESCRIPTION	DRAWN	APP'D	DATE
C	ISSUED FOR DA	CPO	IAH	27.05.21
B	ISSUED FOR DA	CPO	IAH	26.11.20
A	ISSUED FOR DA APPROVAL	CPO	IAH	25.09.20

DRAWN:	CPO
DESIGNED:	IAH
VERIFIED:	IAH 25.09.20
APPROVED FOR TENDER:	... J.J.
APPROVED FOR CONSTRUCTION:	... J.J.

TONY OWEN PARTNERS
ARCHITECT/CLIENT

CROATIA AVENUE

STORMWATER DRAINAGE PLAN -
SHEET 3

PROJECT TITLE



APPROVAL
NOT FOR CONSTRUCTION

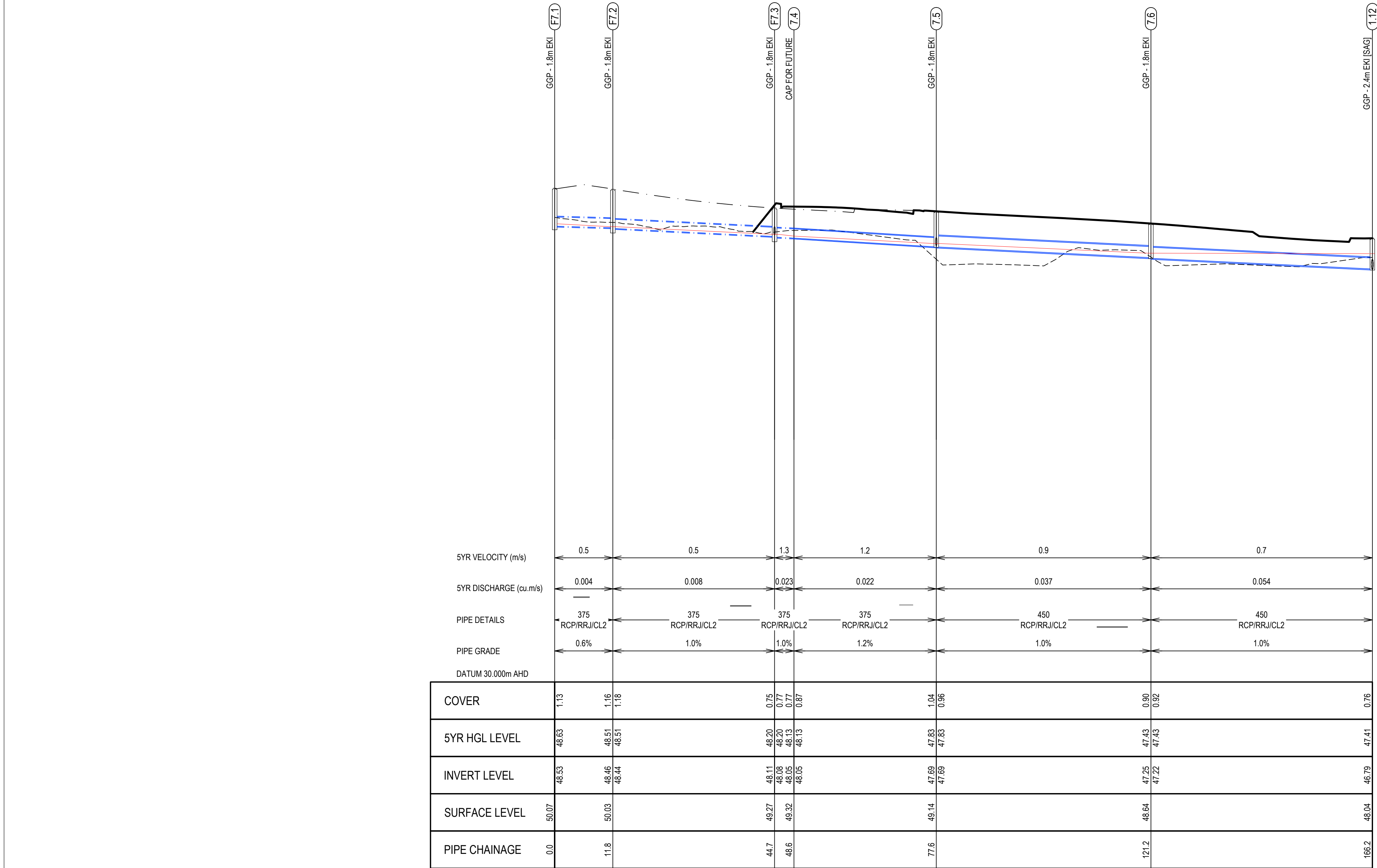
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SCALE @ A1	PROJECT No	DRAWING No	REV

47429-CI-520-01.dwg

17/06/2021 7:20:44 PM

HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100

17/06/2021 7:22:10 PM



STRM-07 LONG SECTION

HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100

-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
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-	-	-	-	-
C	ISSUED FOR DA	CPO	IAH	27.05.21
B	ISSUED FOR DA	CPO	IAH	26.11.20
A	ISSUED FOR DA APPROVAL	CPO	IAH	25.09.20
REV	DESCRIPTION	DRAWN	APP'D	DATE

DRAWN: CPO

DESIGNED: IAH

VERIFIED: IAH 25.09.20

APPROVED FOR TENDER: ... J.J.

APPROVED FOR CONSTRUCTION: ... J.J.

1:500 10 5 0 10 20 A1

1:1000 HORIZONTAL A3

1:100 2 1 0 2 4 A1

1:200 VERTICAL A3

TONY OWEN PARTNERS

ARCHITECT/CLIENT

CROATIA AVENUE

STORMWATER DRAINAGE LONG SECTION - SHEET 2

PROJECT

TITLE

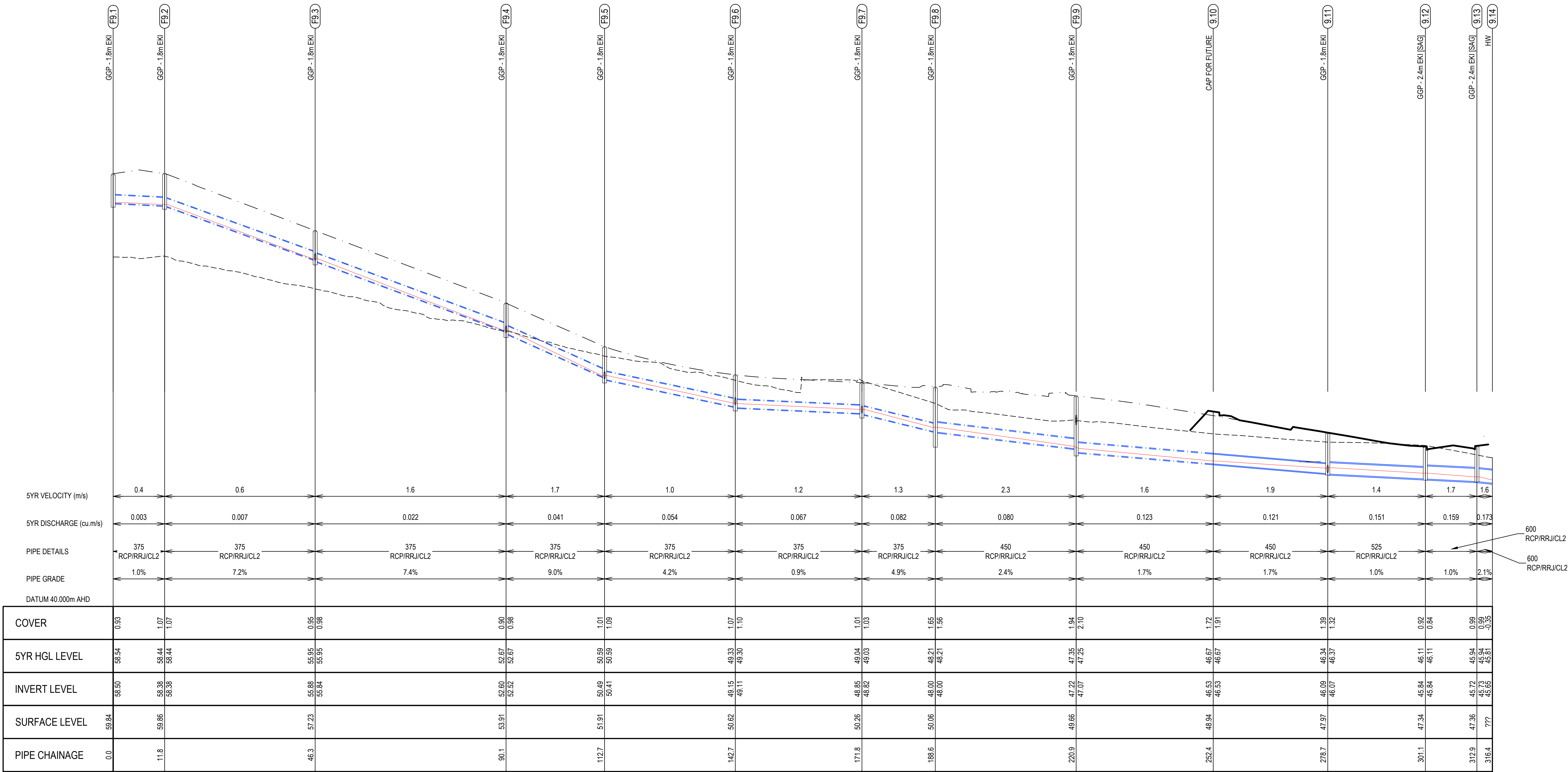
47429-C-STRM.dwg

Stantec

APPROVAL
NOT FOR CONSTRUCTION

AS SHOWN	47429	CI-522-02	C
SCALE @ A1	PROJECT No	DRAWING No	REV

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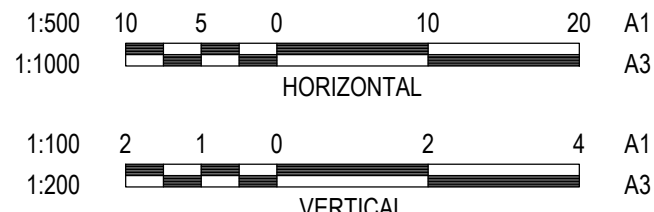


STRM-09 LONG SECTION

HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100

REV	DESCRIPTION	DRAWN	APPD	DATE
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B	ISSUED FOR DA	CPO	IAH	26.11.20
A	ISSUED FOR DA APPROVAL	CPO	IAH	25.09.20

DRAWN:	CPO
DESIGNED:	IAH
VERIFIED:	IAH 25.09.20
APPROVED FOR TENDER:	...
APPROVED FOR CONSTRUCTION:	...



TONY OWEN PARTNERS

ARCHITECT/CLIENT

CROATIA AVENUE

STORMWATER DRAINAGE LONG
SECTION - SHEET 3

PROJECT

TITLE

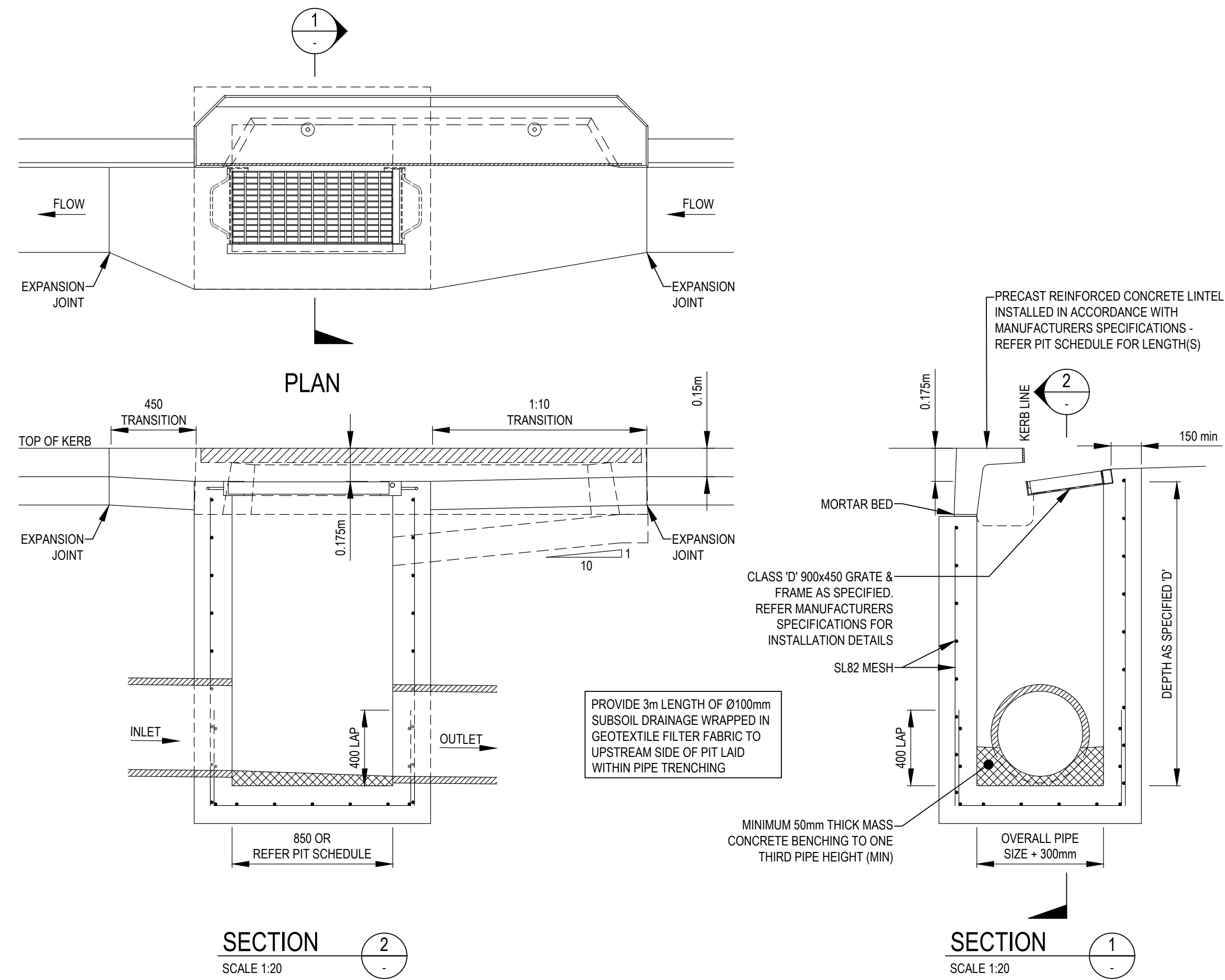


APPROVAL
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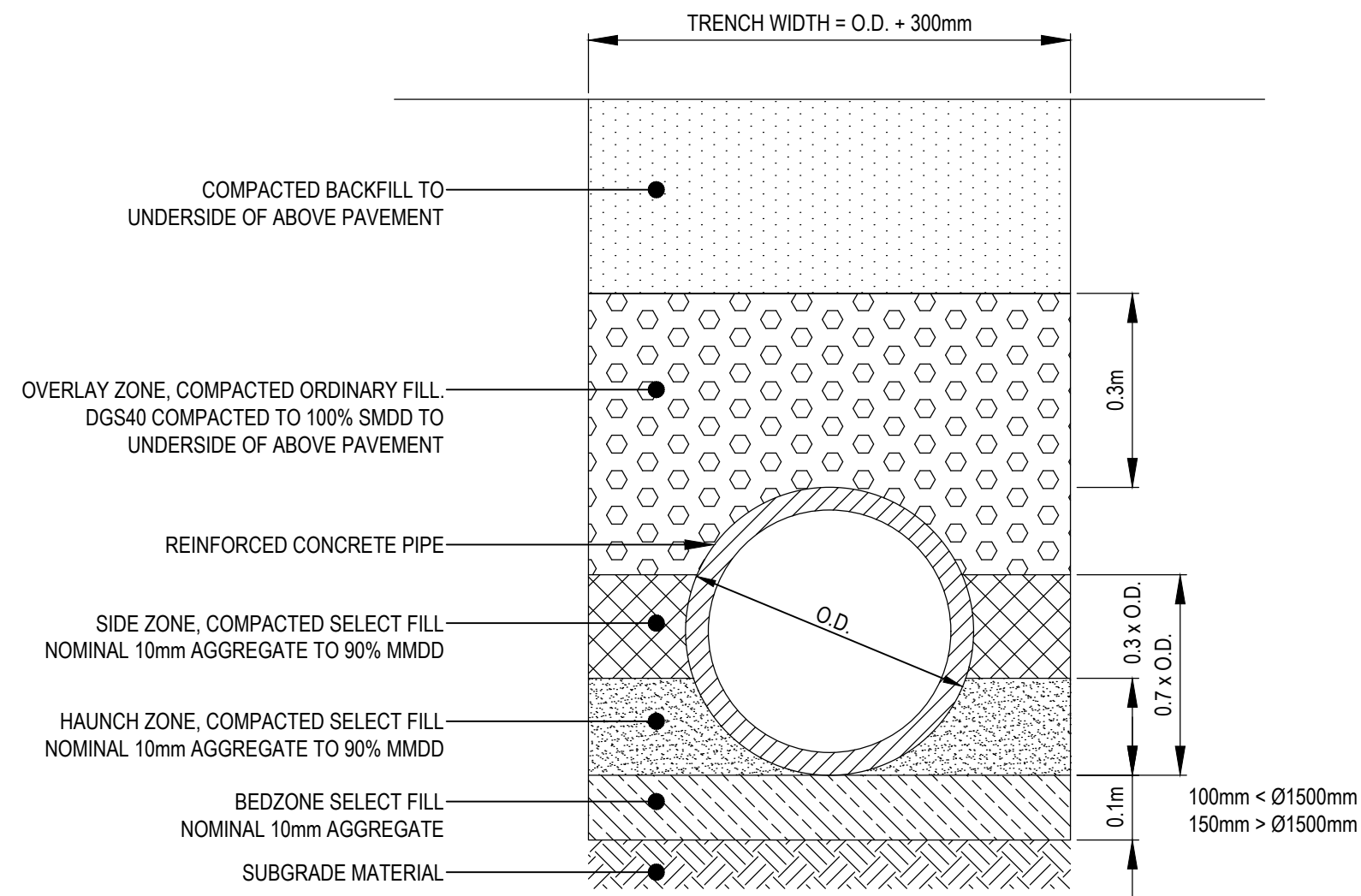
AS SHOWN	47429	CI-522-03	C
SCALE @ A1	PROJECT No	DRAWING No	REV

47429-C-STRM.dwg

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KERB INLET PIT
SCALE 1:20



TYPICAL PIPE TRENCH DETAIL
SCALE 1:10

REV	DESCRIPTION	DRAWN	APP'D	DATE
C	ISSUED FOR DA	CPO	IAH	27.05.21
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DRAWN:	CPO
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VERIFIED:	IAH 25.09.20
APPROVED FOR TENDER:	... J.J.
APPROVED FOR CONSTRUCTION:	... J.J.

TONY OWEN PARTNERS

ARCHITECT/CLIENT

CROATIA AVENUE

STORMWATER DRAINAGE
DETAILS

PROJECT

TITLE

47429-CI-526-01.dwg



APPROVAL
NOT FOR CONSTRUCTION

AS SHOWN	47429	CI-526-01	C
SCALE @ A1	PROJECT No	DRAWING No	REV

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