





GENERAL NOTES:

- MGA COORDINATES & AHD ELEVATIONS DERIVED FROM GPS SURVEY. HORIZONTAL & VERTICAL DATUM DERIVED FROM:
PSM 50649 (Point Cartwright Drive, BUDDINA)
E 512938.067, N 7046656.069, RL 2.326 AHD
PSM 99802 (Nicklin Way, MINYAMA)
E 511688.229, N 7046996.761, RL 5.355 AHD
- BOUNDARIES HAVE NOT BEEN SURVEYED OR REINSTATED
- BOUNDARIES SHOWN ARE COMPILED FROM DCDB DATA.

LEGEND

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LEGEND

-  Design Profile
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-  2015 Survey Profile
-  2018 Survey Profile

Revisions	Surveyed	Drawn	Checked	Passed	Date	
A	PRELIMINARY	DSQ	PJC	AJP	AJP	14.03.18



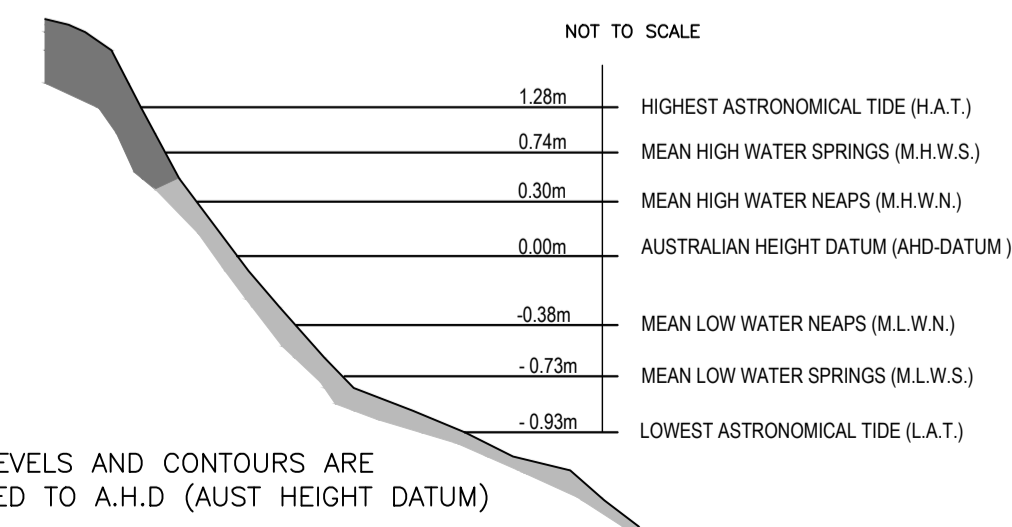
SUNSHINE COAST
 PO Box 1073, Buddina QLD 4575 Ph: (07) 5437 8555
 mail@dsqsurvey.com ABN: 91 615 043 251
 www.dsqsurvey.com ACN: 615 043 251
 WESTERN DOWNS

Signed _____
 Cadastral Surveyor/Director
 Date _____

Map Ref.: -	
Horiz. Datum MGA Z56	Vert. Datum AHD
Origin See Above	Origin PSM 50649 RL 2.326
Parish: MOOLOOLAH	County: CANNING
Locality: MINYAMA	
Local Government: SUNSHINE COAST R. C.	
SHEET 1 OF 15	Scale A1 1:2000
File 13242 DTM-04 Sections.dwg	Date 14/03/18
DRAWING NUMBER	REV.
13242-DTM-04	A



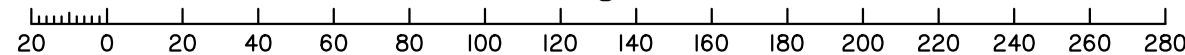
Parrearra (Mooloolaba River) SEMIDIURNAL TIDAL PLANES



NOTE:
 ALL LEVELS AND CONTOURS ARE RELATED TO A.H.D (AUST HEIGHT DATUM)

PARREARRA CHANNEL

Scale 1:2000 - Lengths are in Metres.



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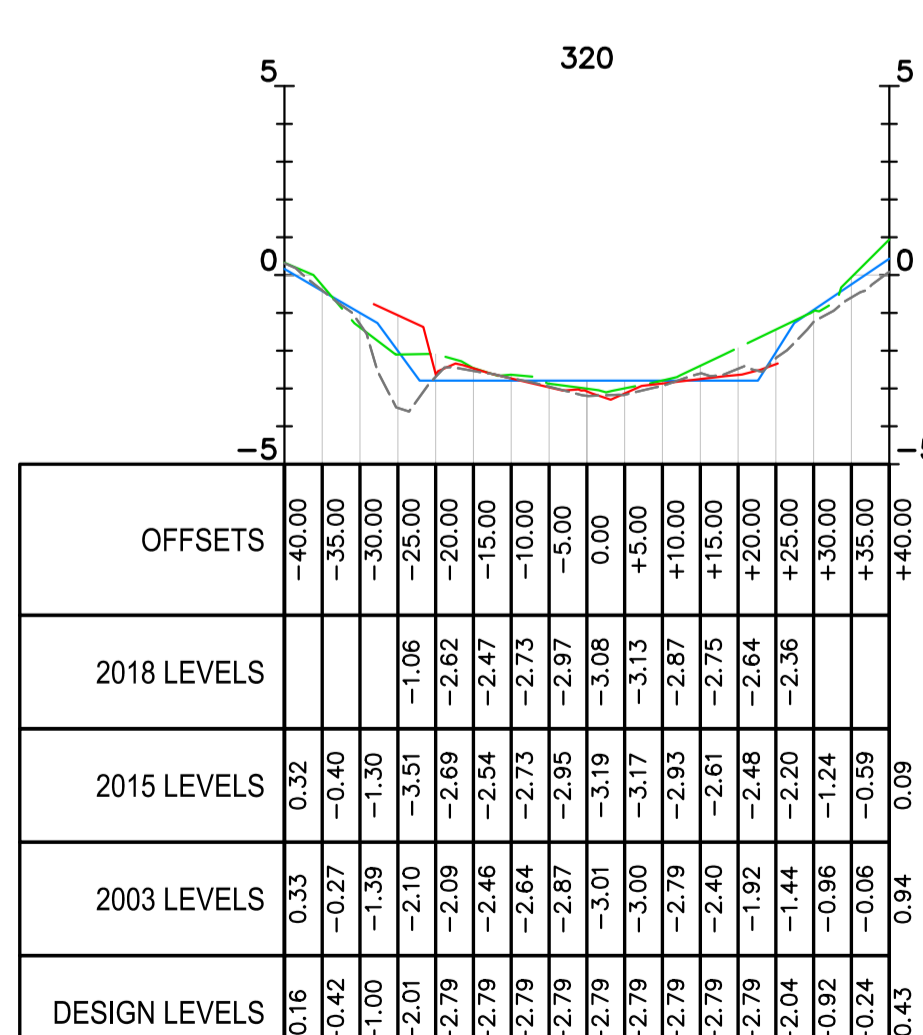
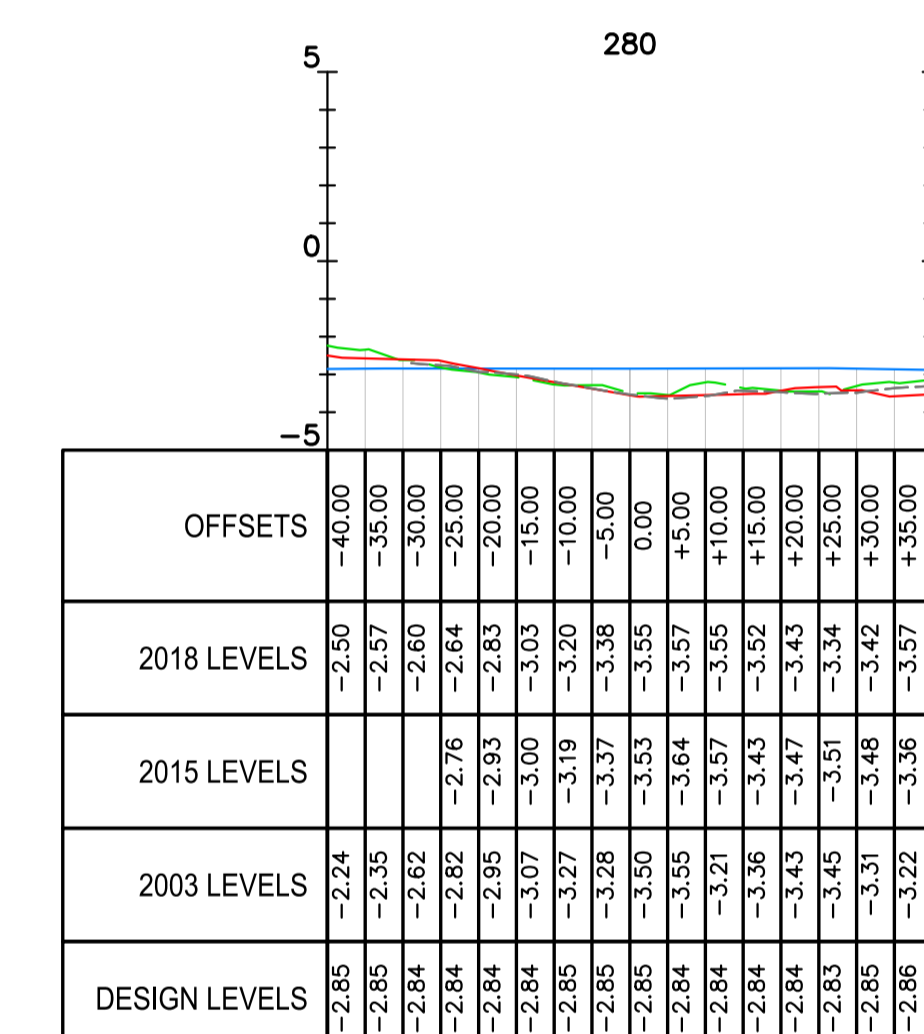
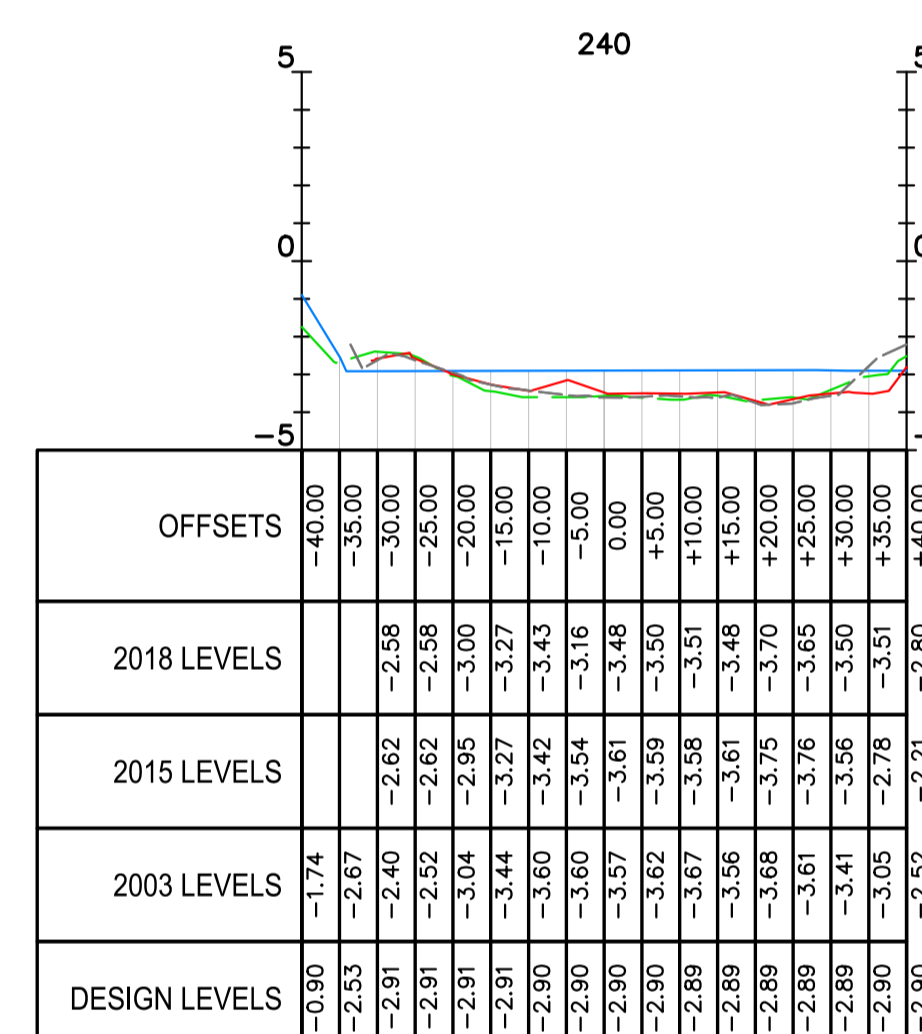
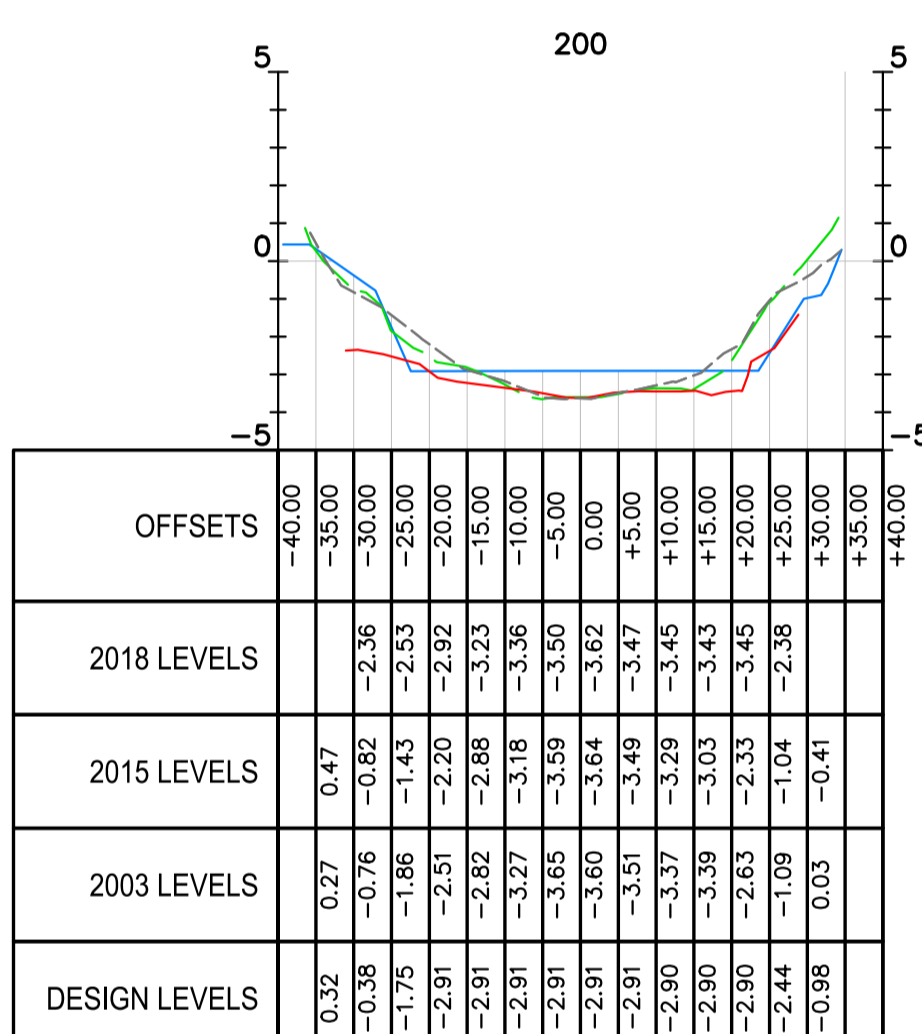
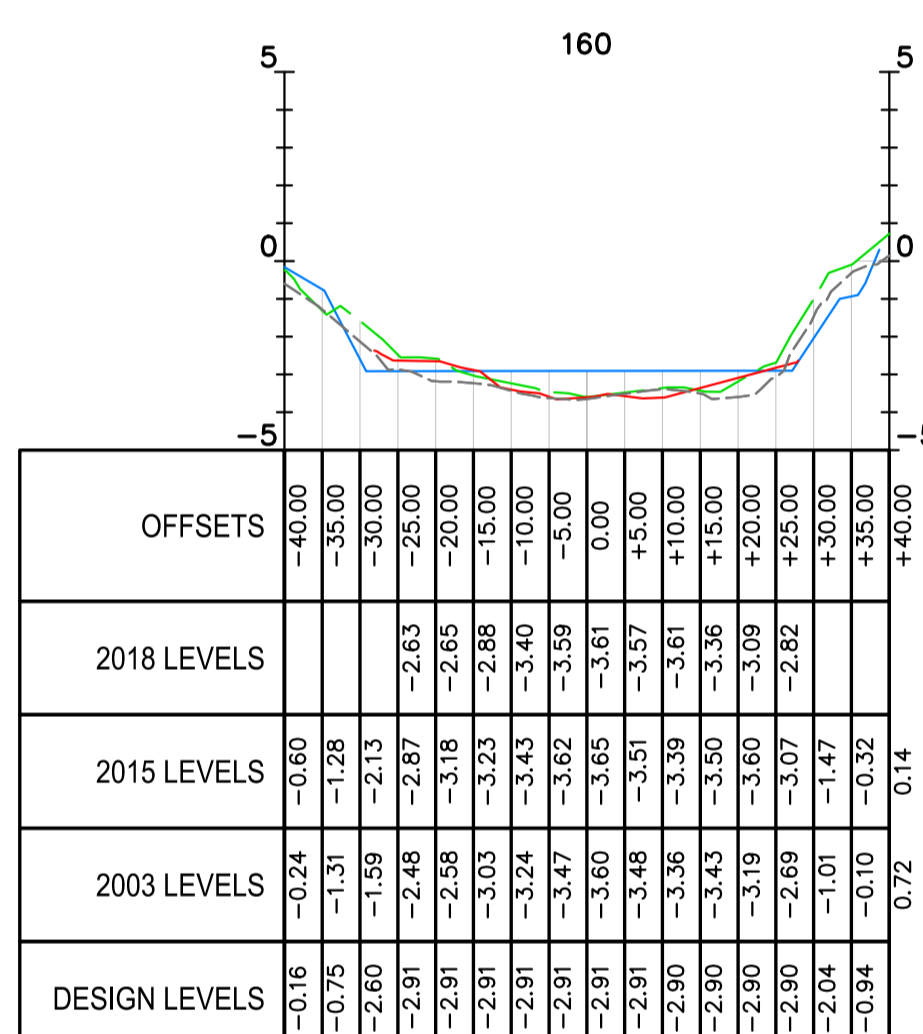
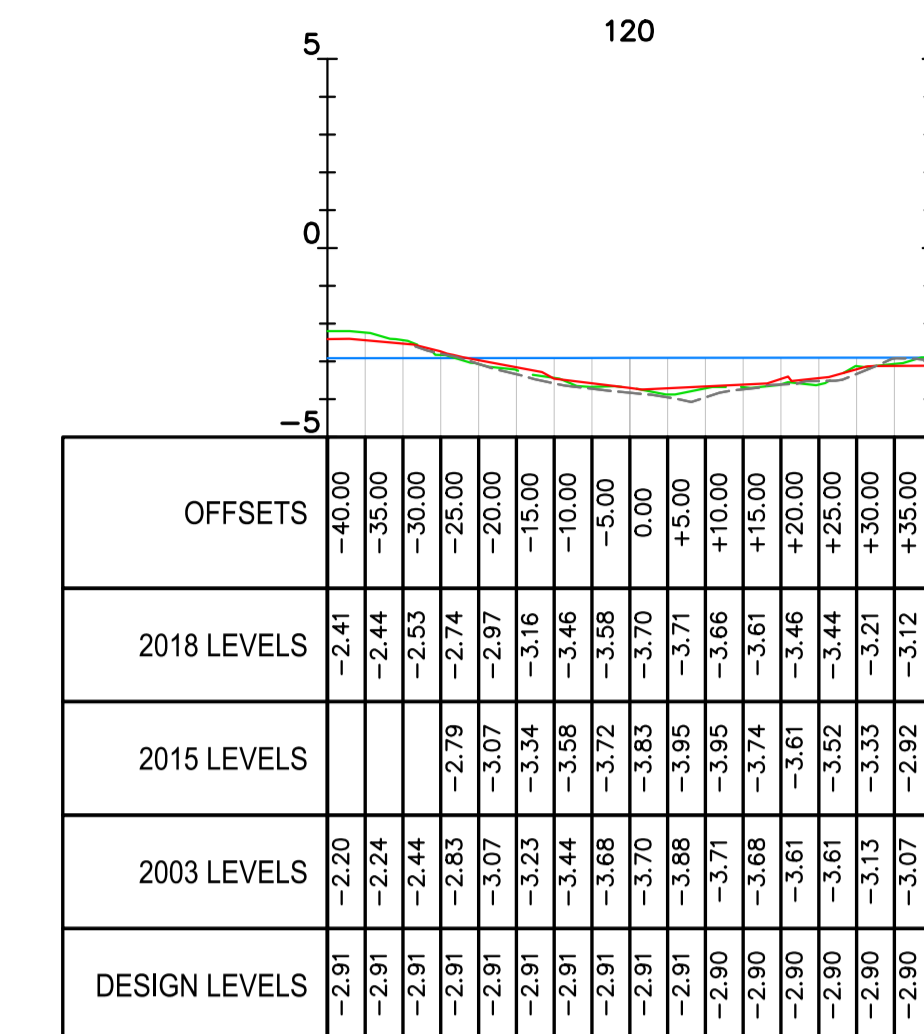
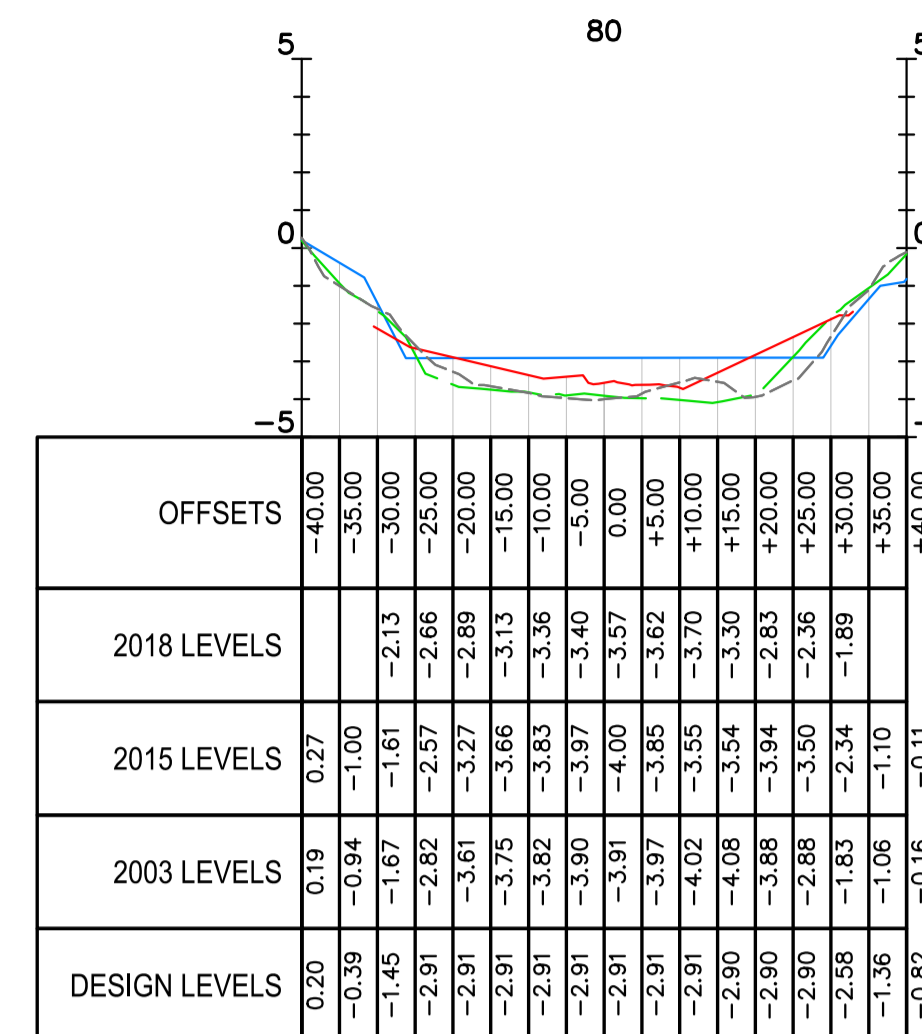
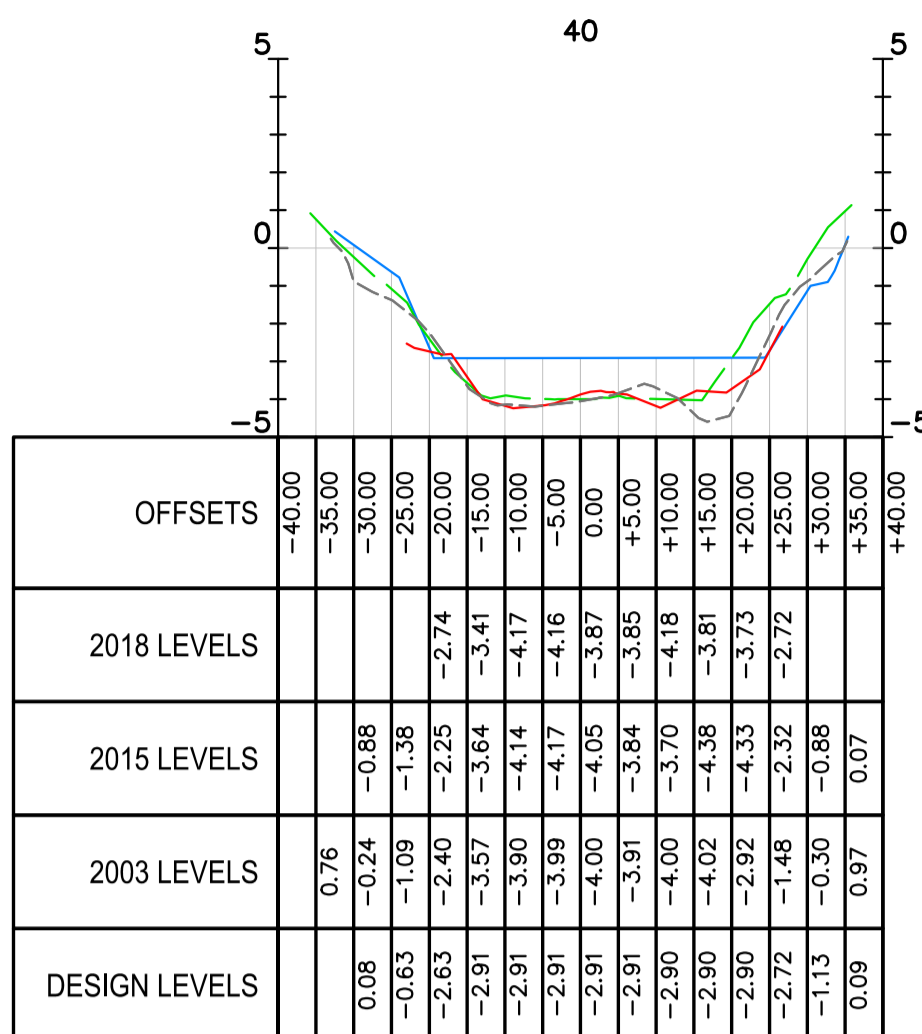
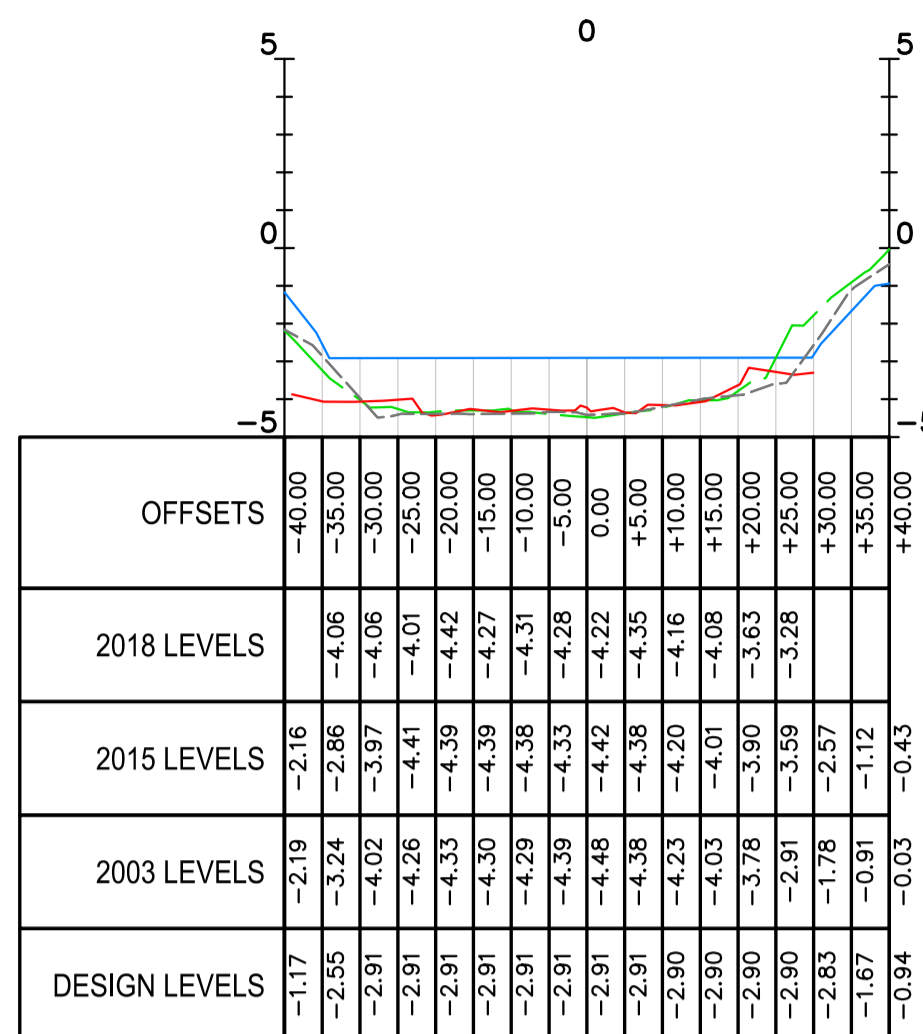
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Signed _____
Cadastral Surveyor/Director
Date _____

Map Ref.: -	
Horiz. Datum MGA Z56	Vert. Datum AHD
Origin See Above	Origin PSM 50649 RL 2.326
Parish: MOOLOOLAH	County: CANNING
Locality: MINYAMA	
Local Government: SUNSHINE COAST R. C.	
SHEET 2 OF 15	Scale A1 1:1000
File 13242 DTM-04 Sections.dwg	Date 14/03/18
DRAWING NUMBER	REV.

13242-DTM-04 **A**

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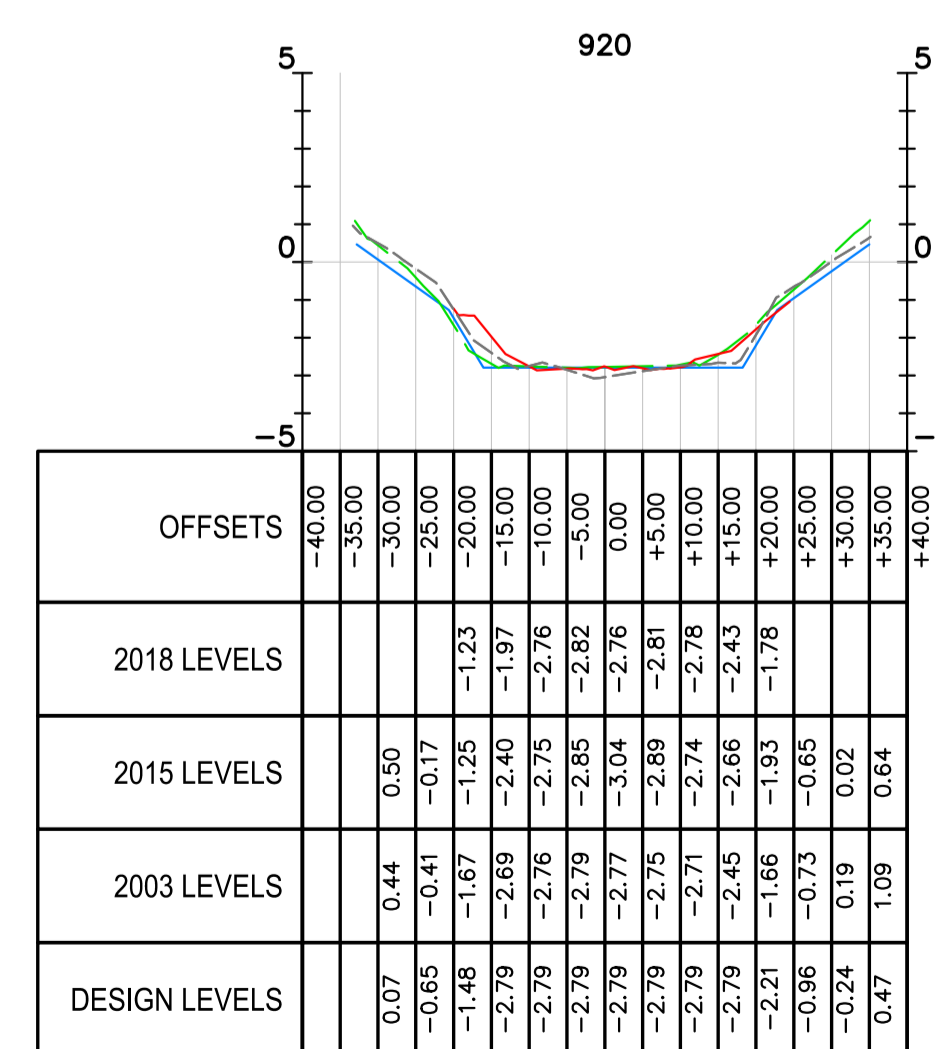
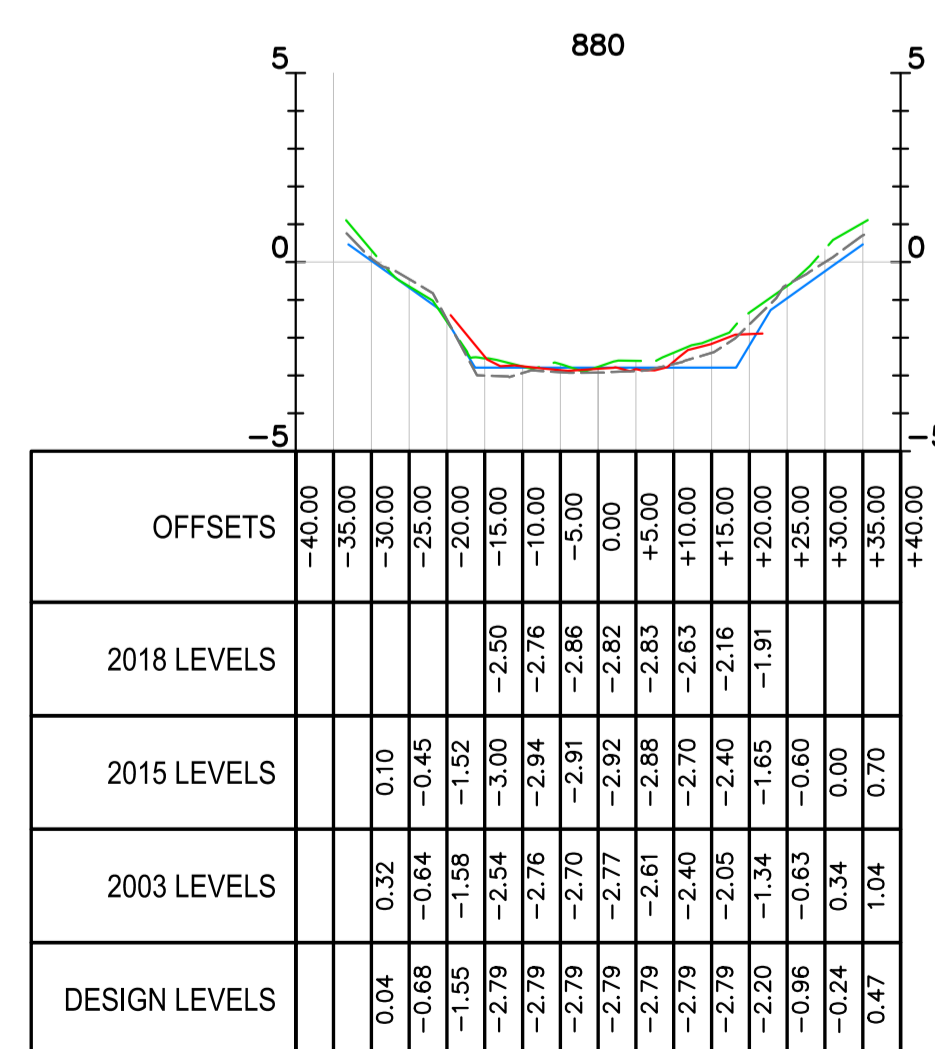
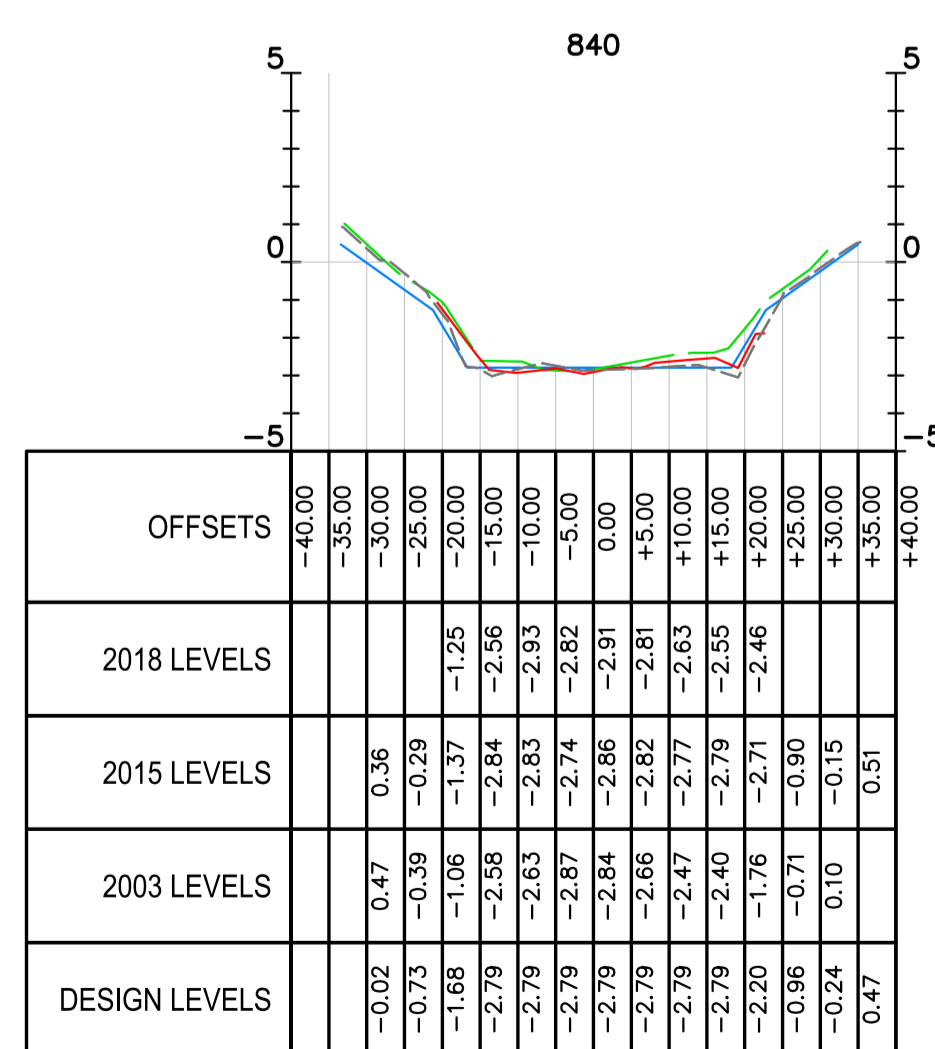
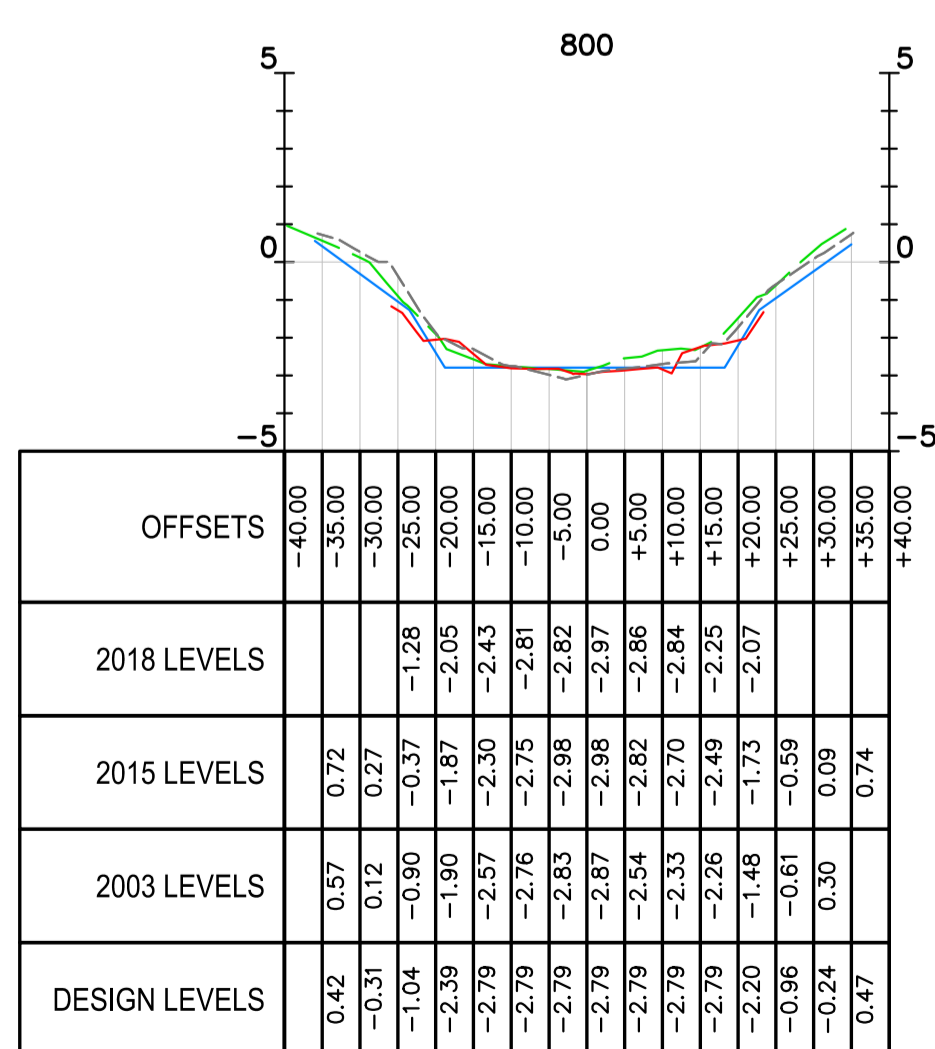
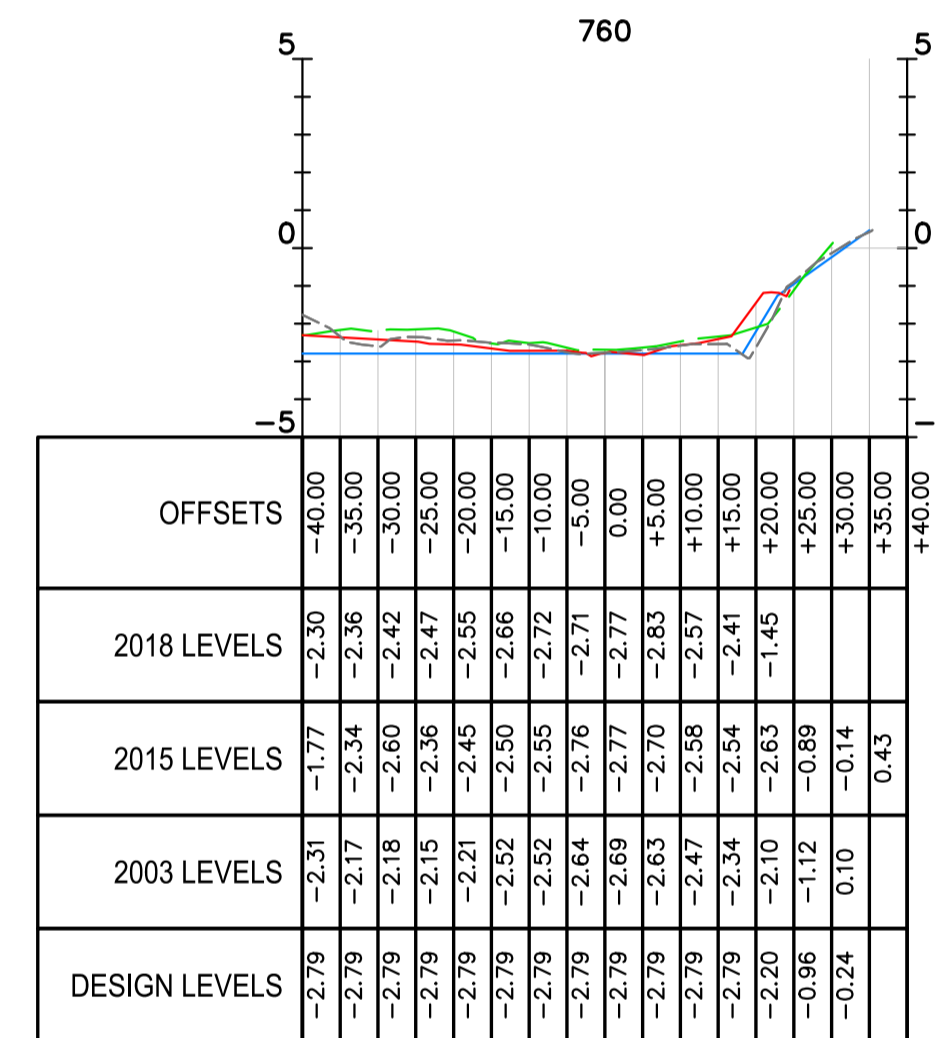
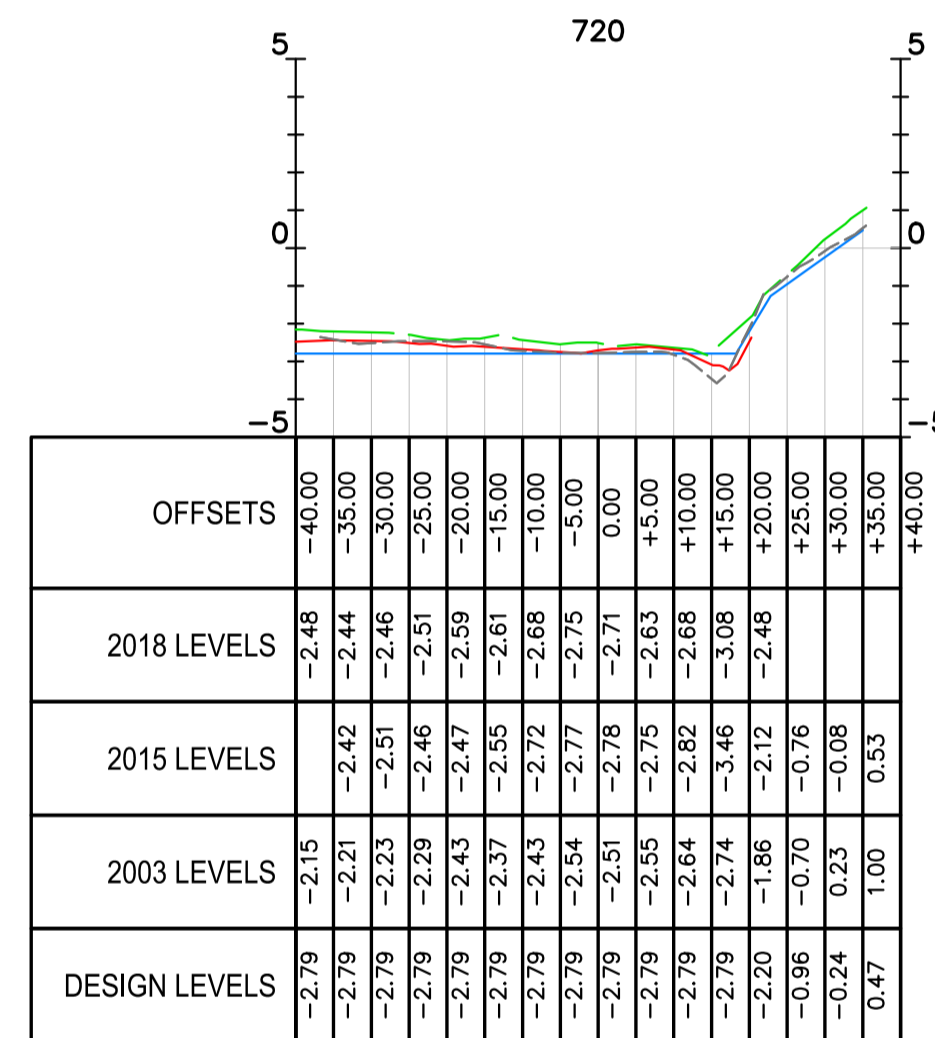
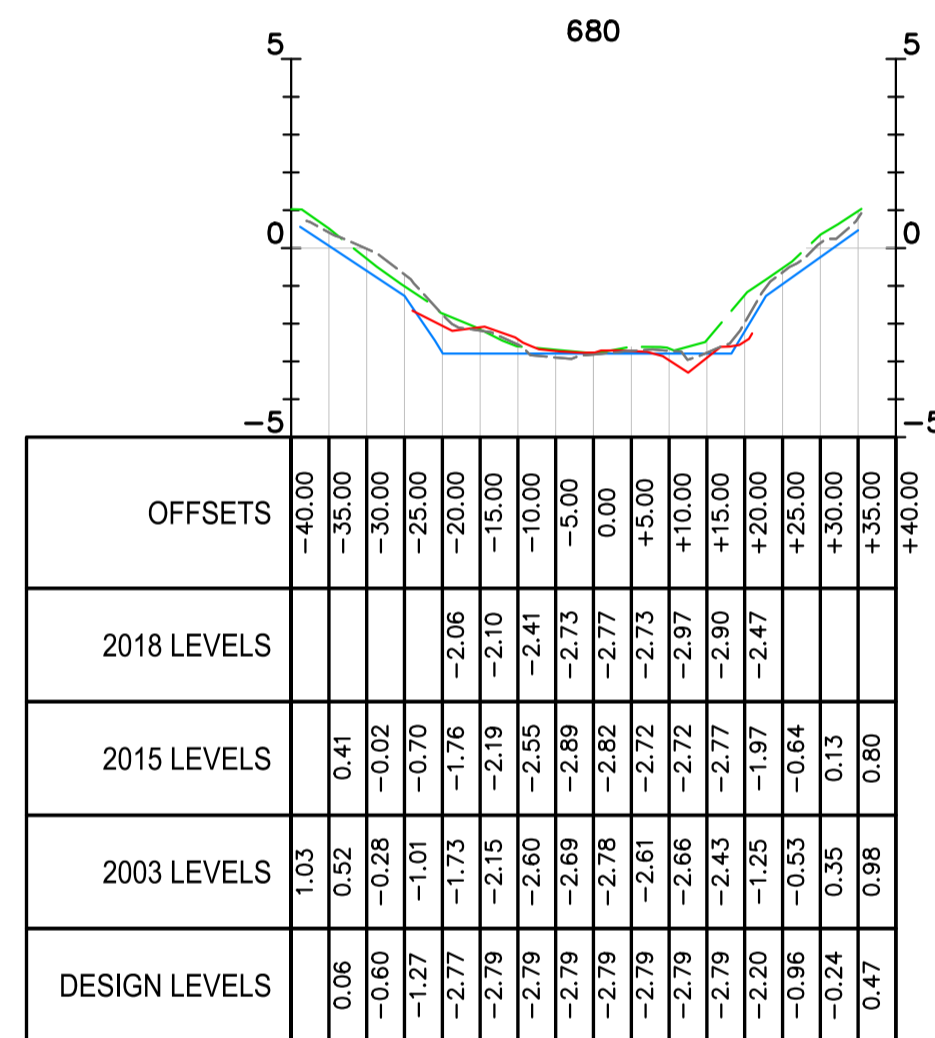
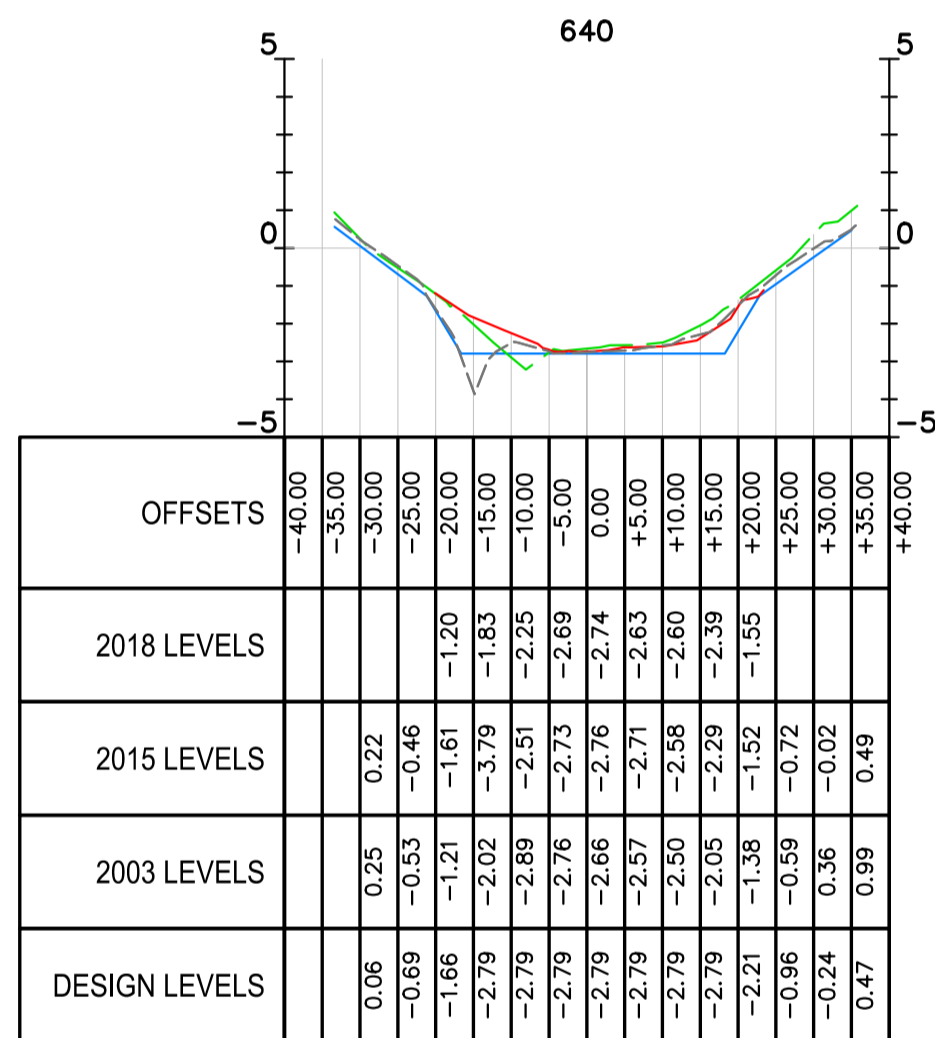
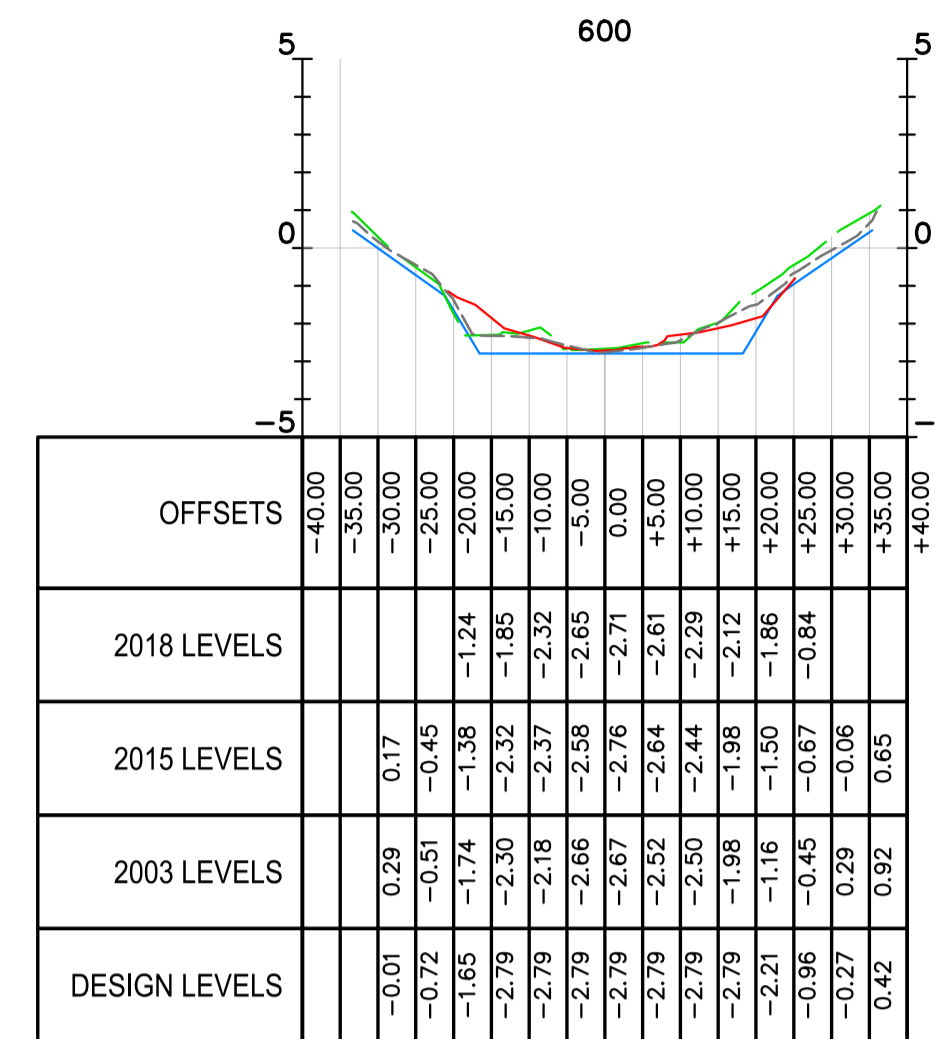
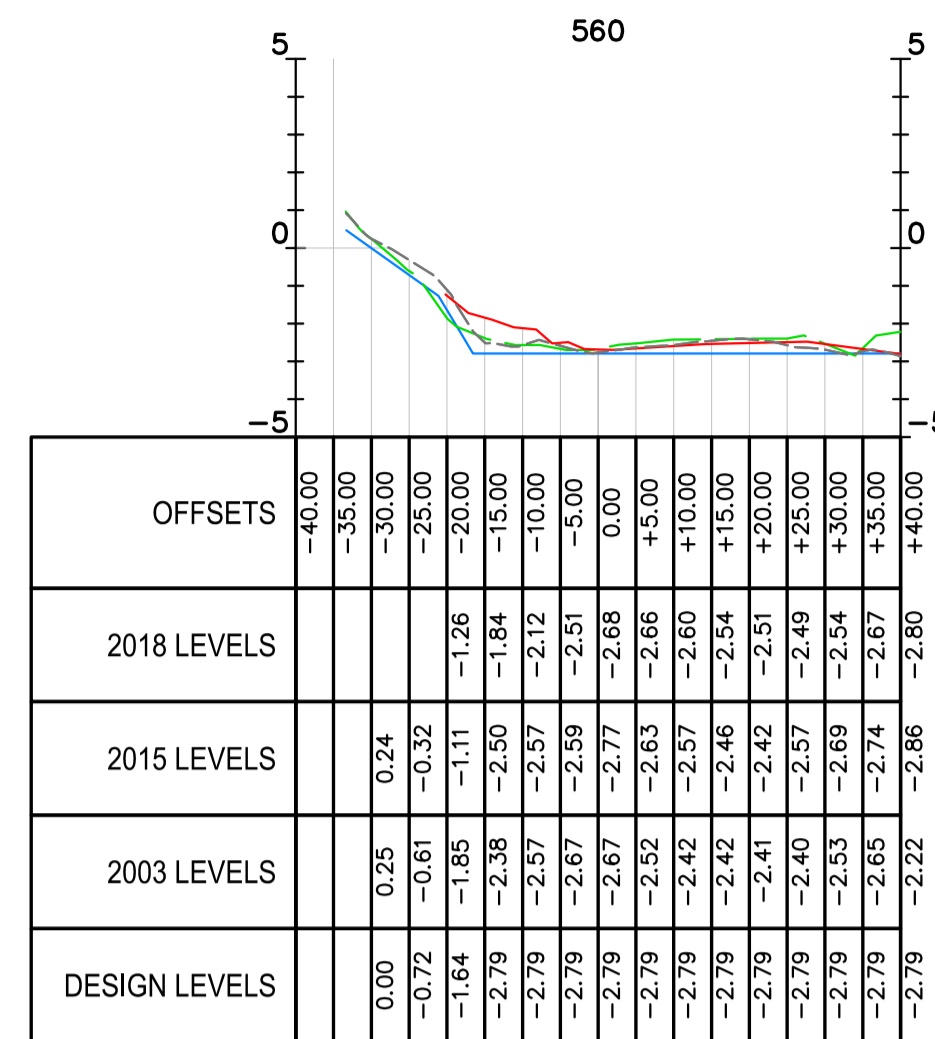
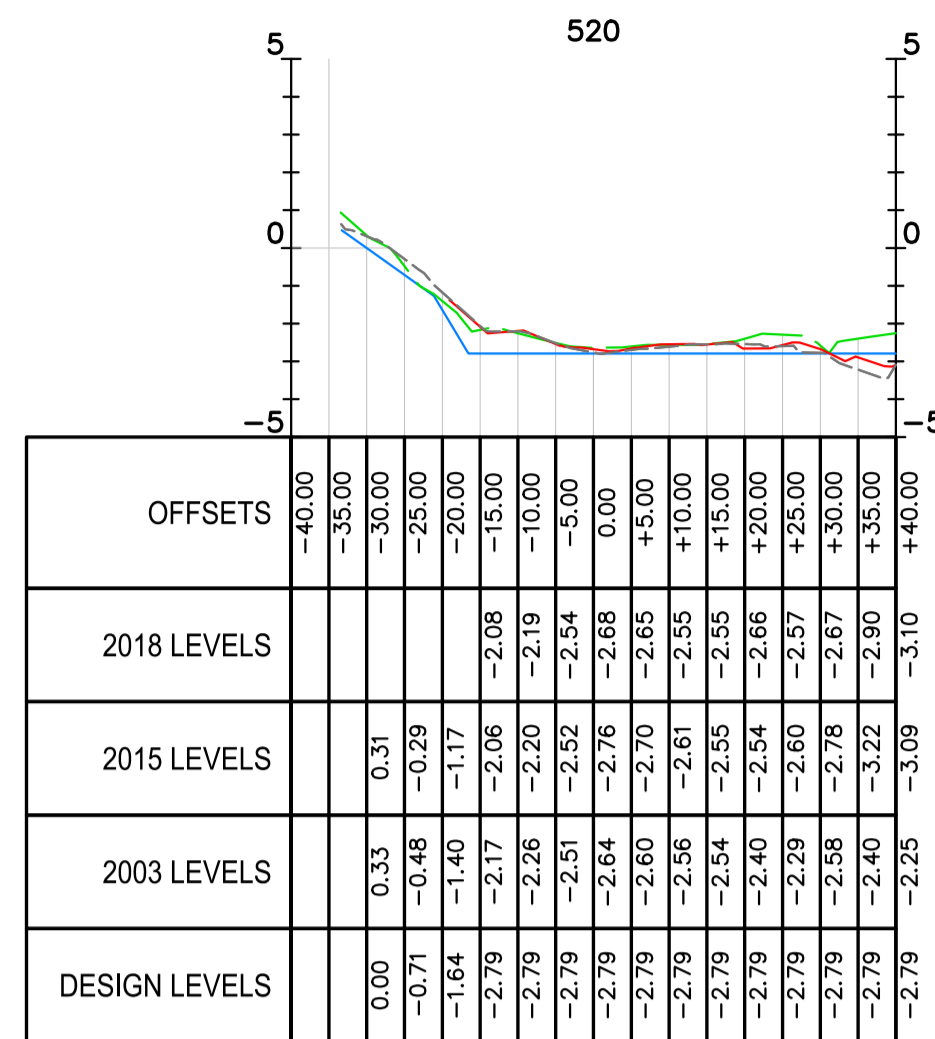
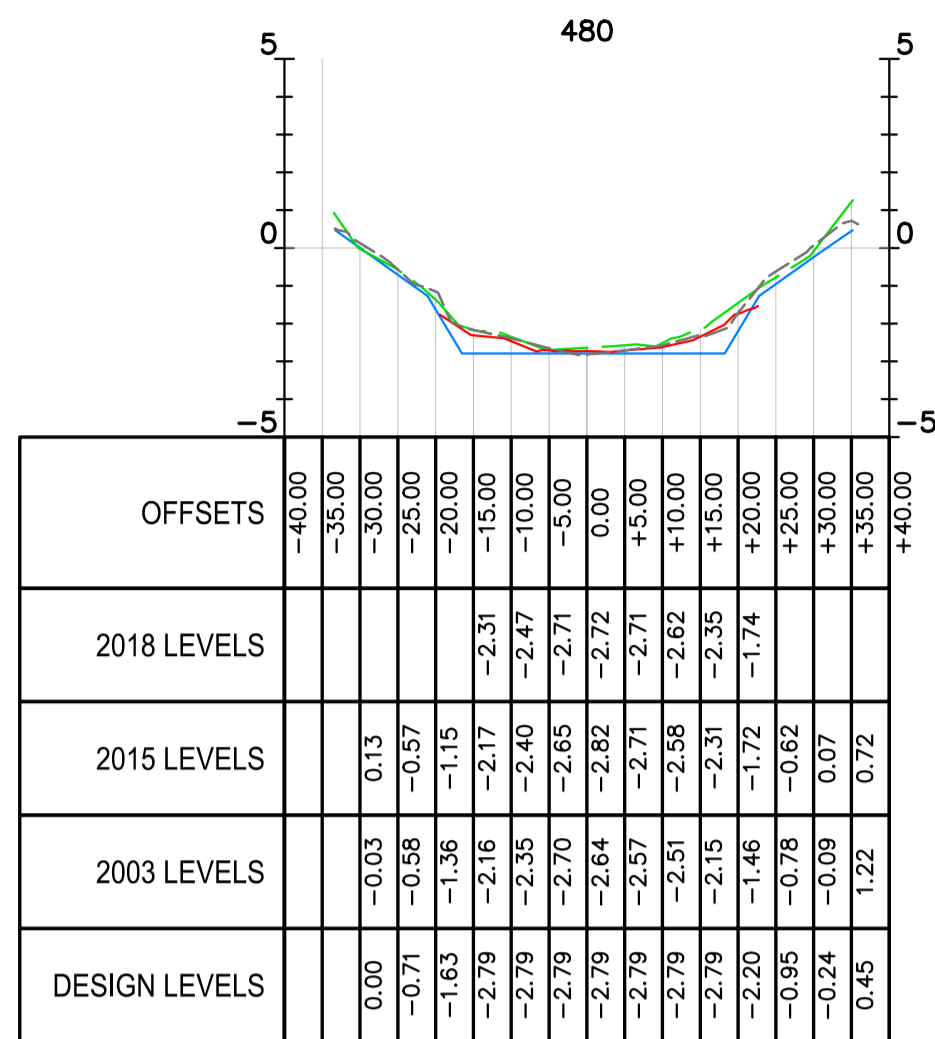
SUNSHINE COAST
 PO Box 1073, Buddina QLD 4575 Ph: (07) 5437 8555
 mail@dsqsurvey.com ABN: 91 615 043 251
 www.dsqsurvey.com ACN: 615 043 251
 WESTERN DOWNS

Signed _____
 Cadastral Surveyor/Director
 Date _____

Map Ref.: -	
Horiz. Datum MGA Z56	Vert. Datum AHD
Origin See Above	Origin PSM 50649 RL 2.326
Parish: MOOLOOLAH	County: CANNING
Locality: MINYAMA	
Local Government: SUNSHINE COAST R. C.	
SHEET 3 OF 15	Scale A1 1:1000
File 13242 DTM-04 Sections.dwg	Date 14/03/18
DRAWING NUMBER	REV.

13242-DTM-04 **A**

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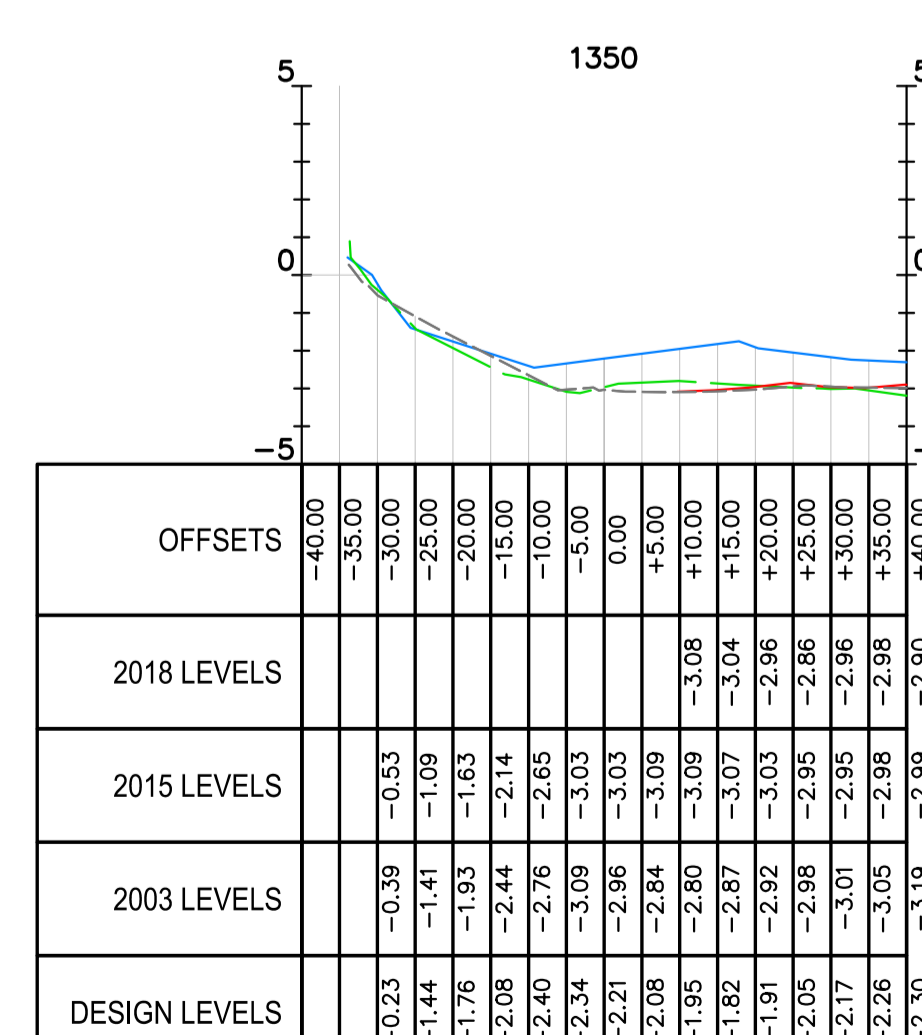
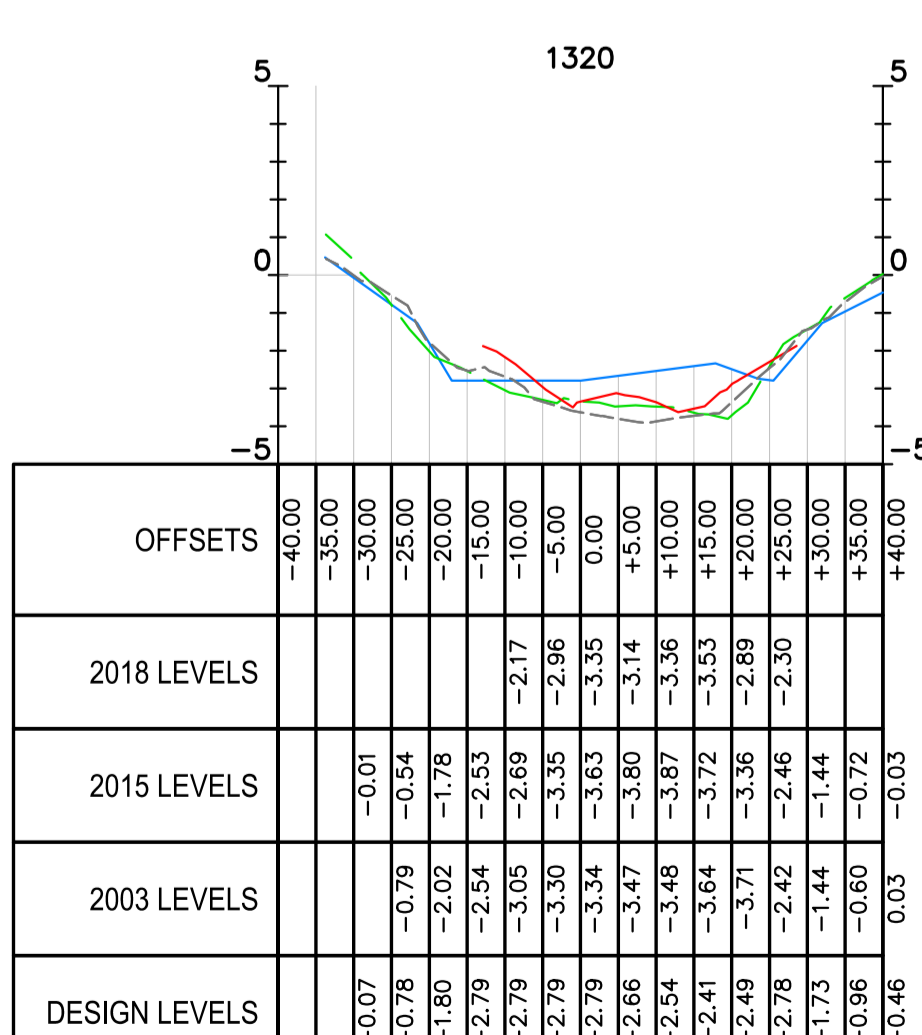
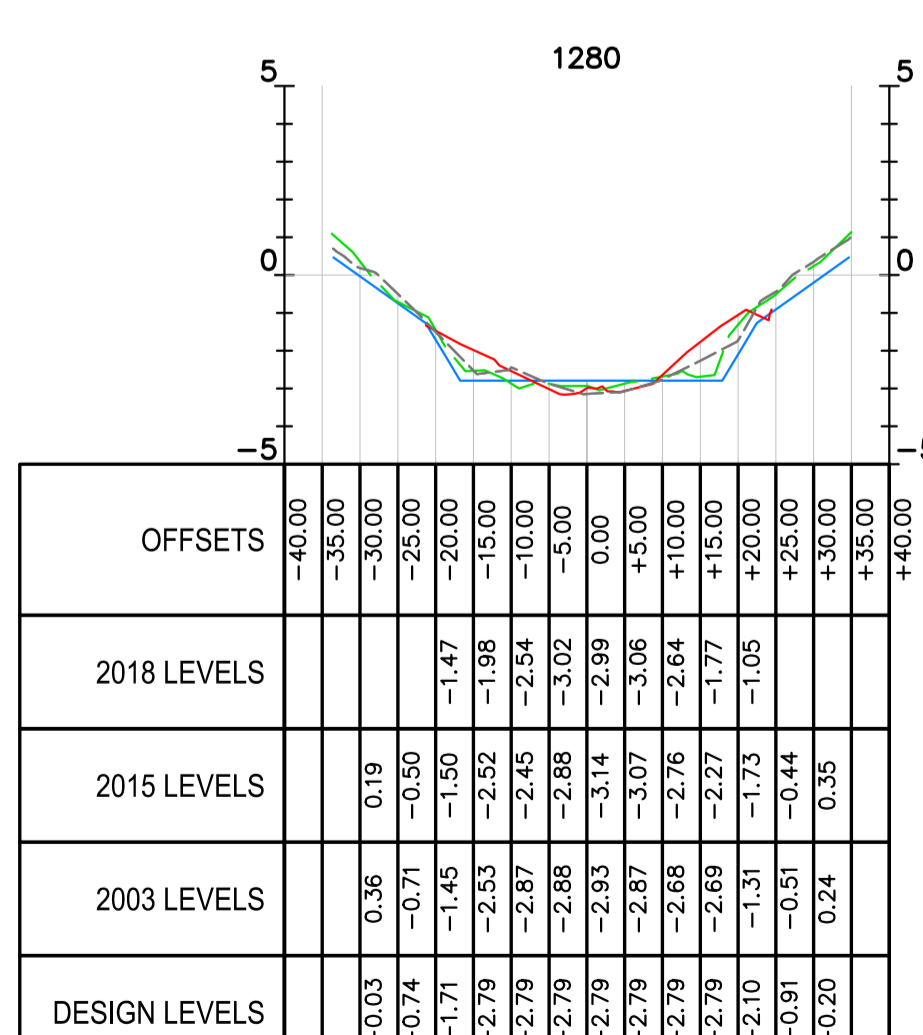
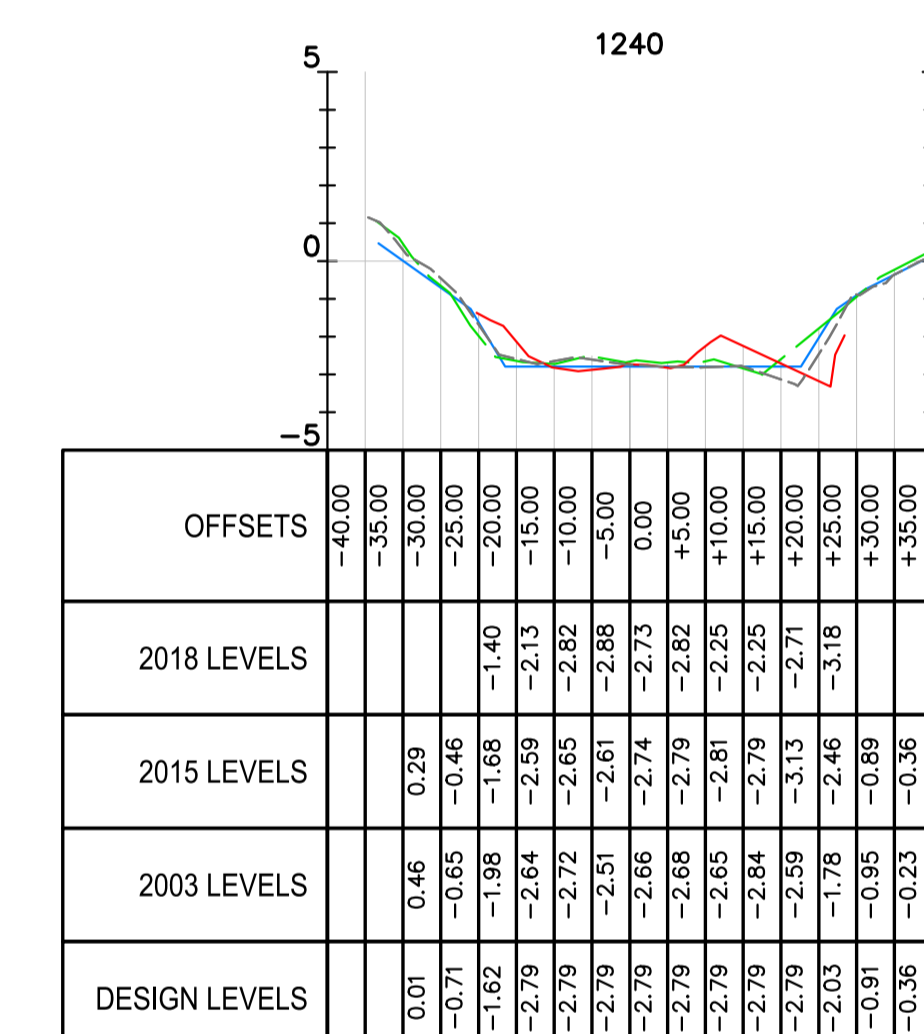
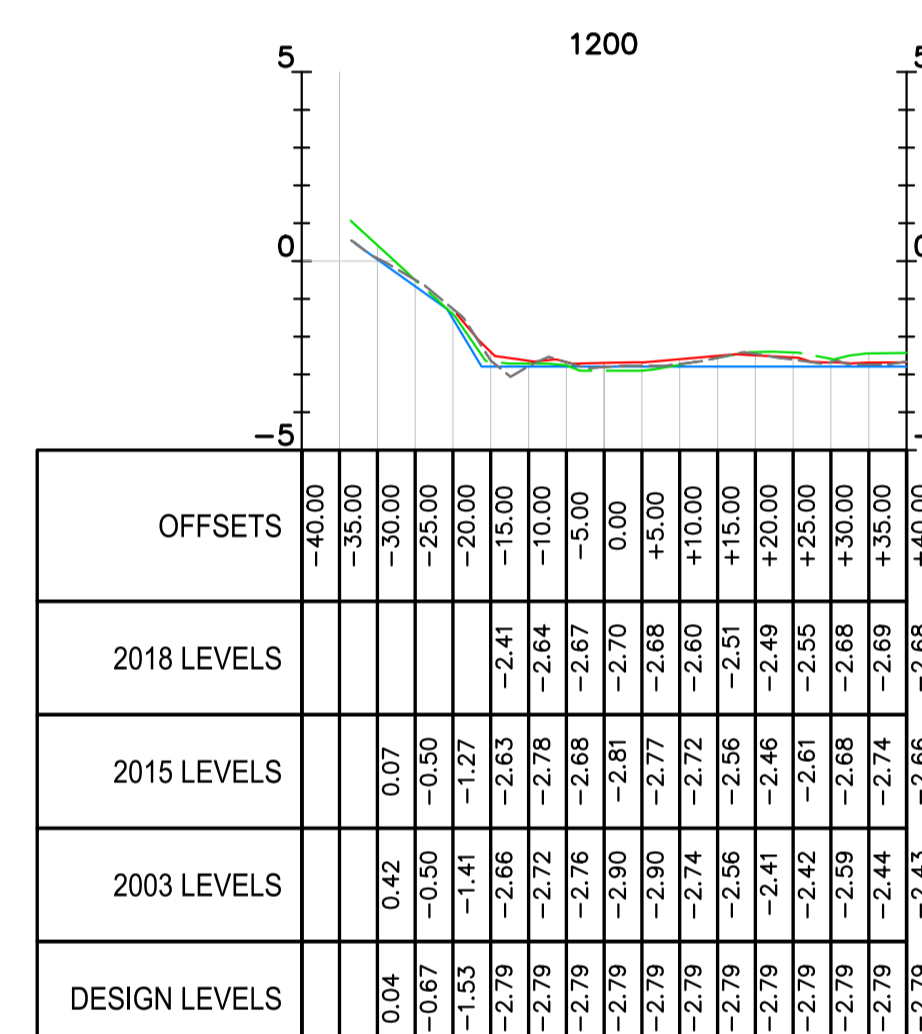
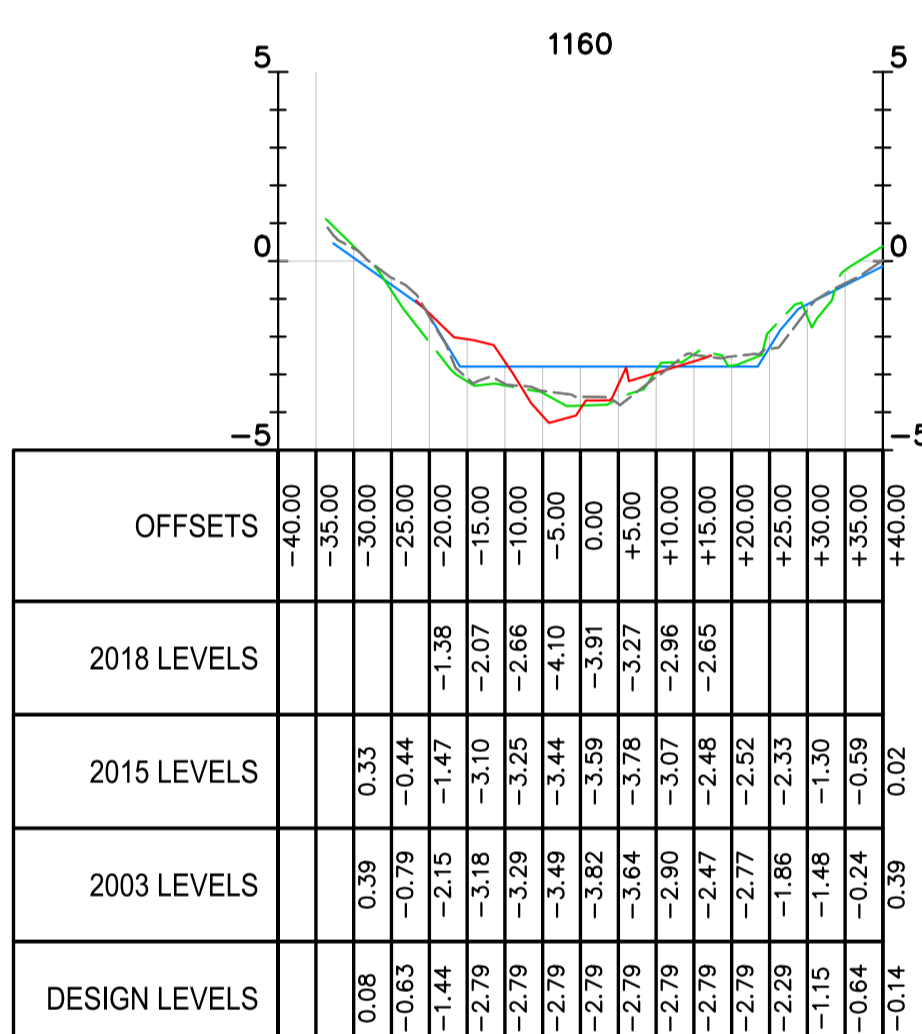
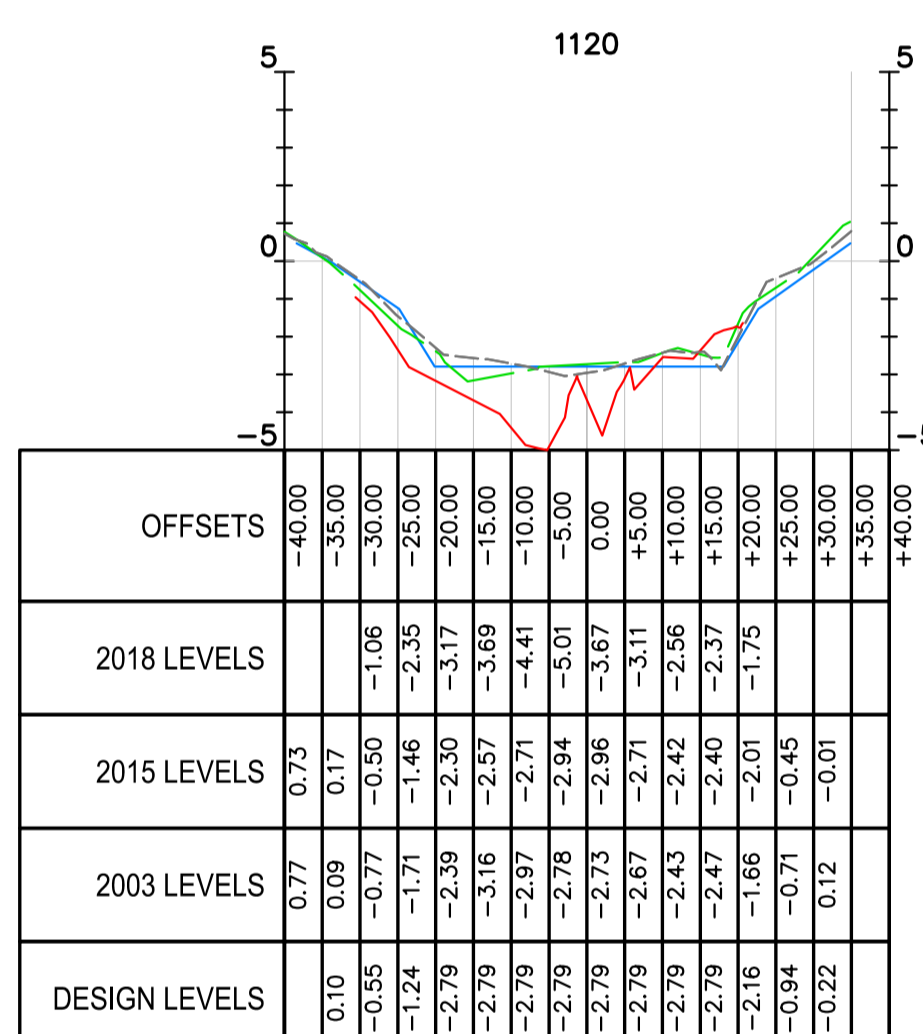
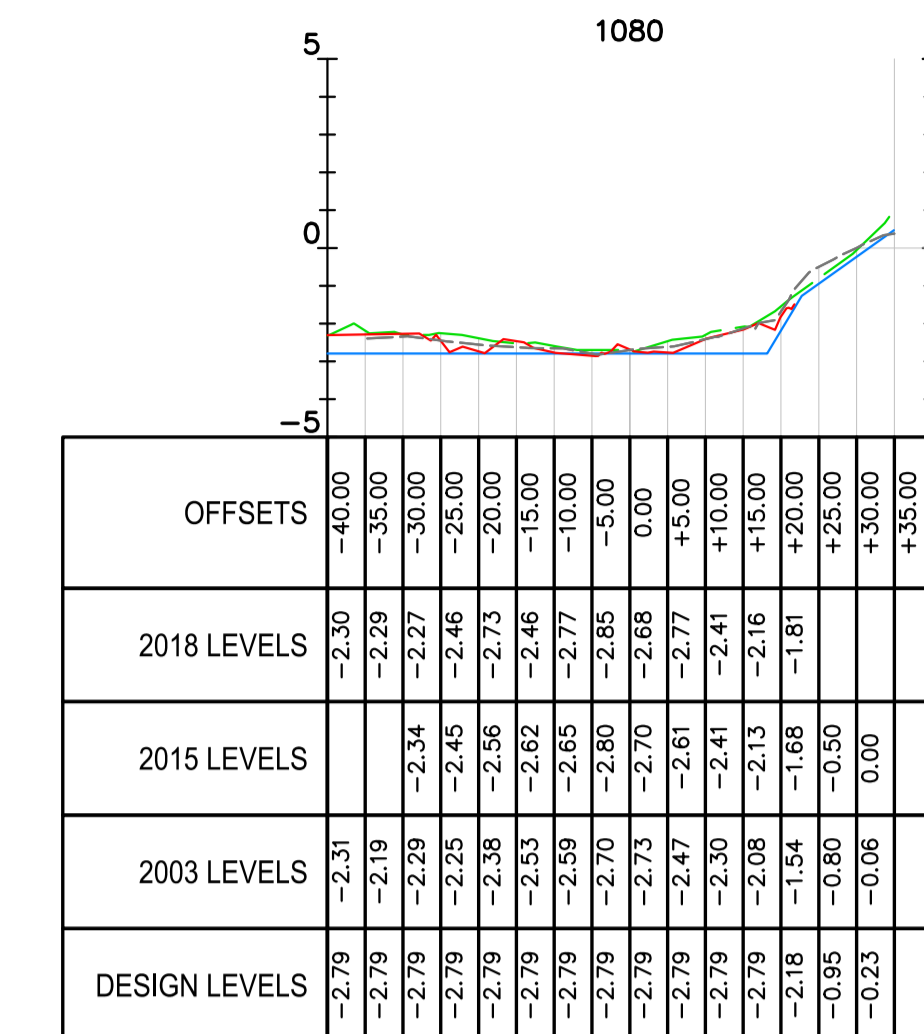
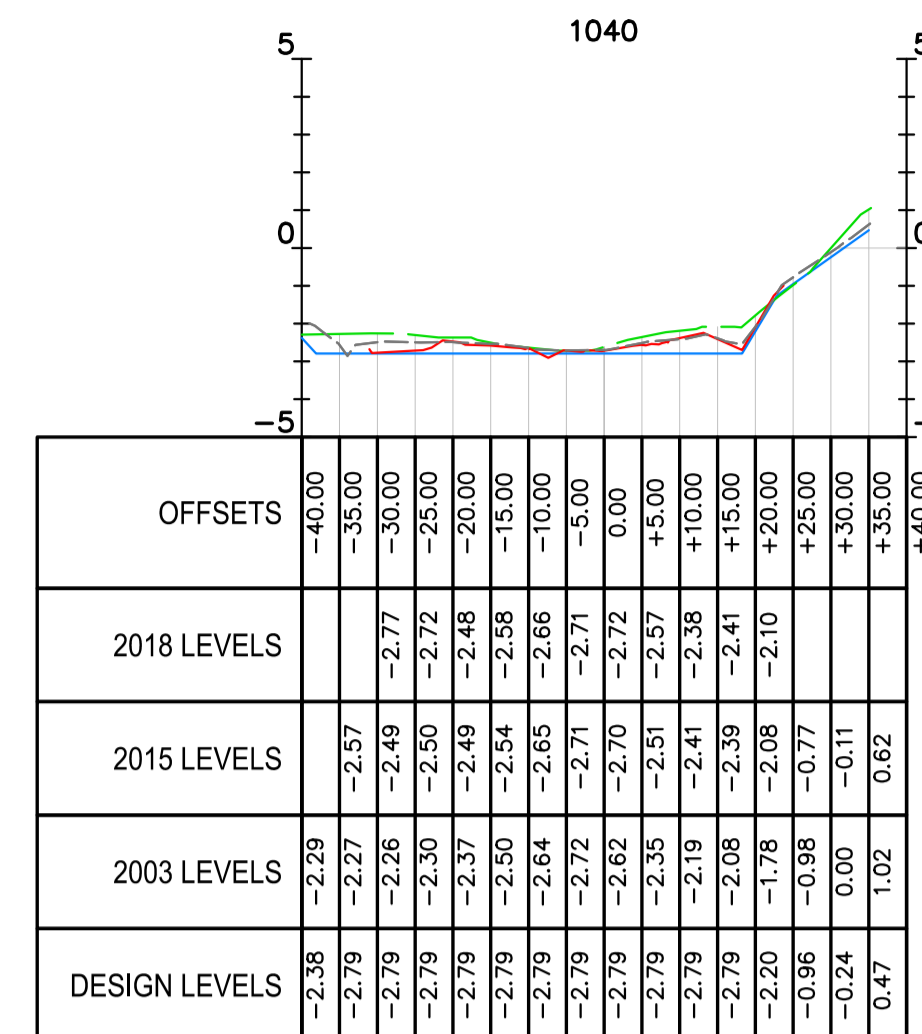
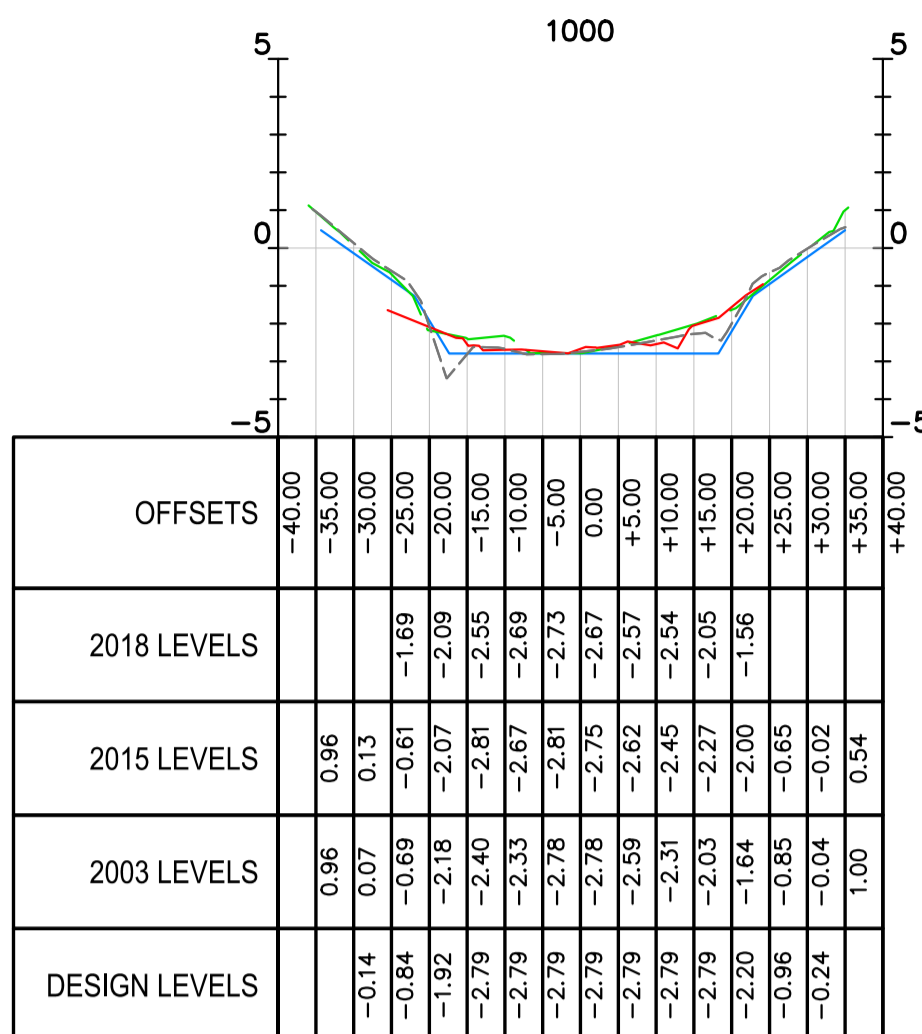
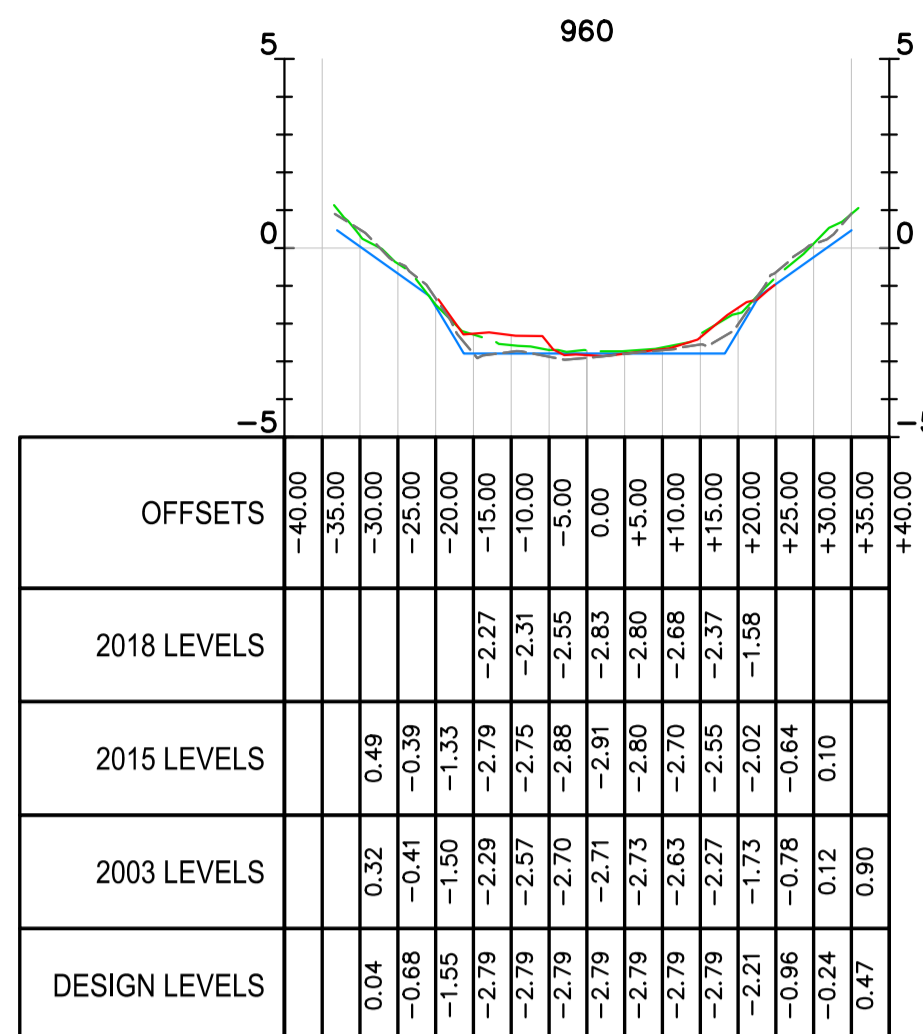
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SHEET 4 OF 15	Scale A1 1:1000
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W:\ISO_Data\Jobs\Current\13242 SCRC (Minyama Canal)\Data Survey Drafting\DTM\13242 DTM-04 Sections.dwg

SCRC

YANGALA ANCHORAGE SECTIONS

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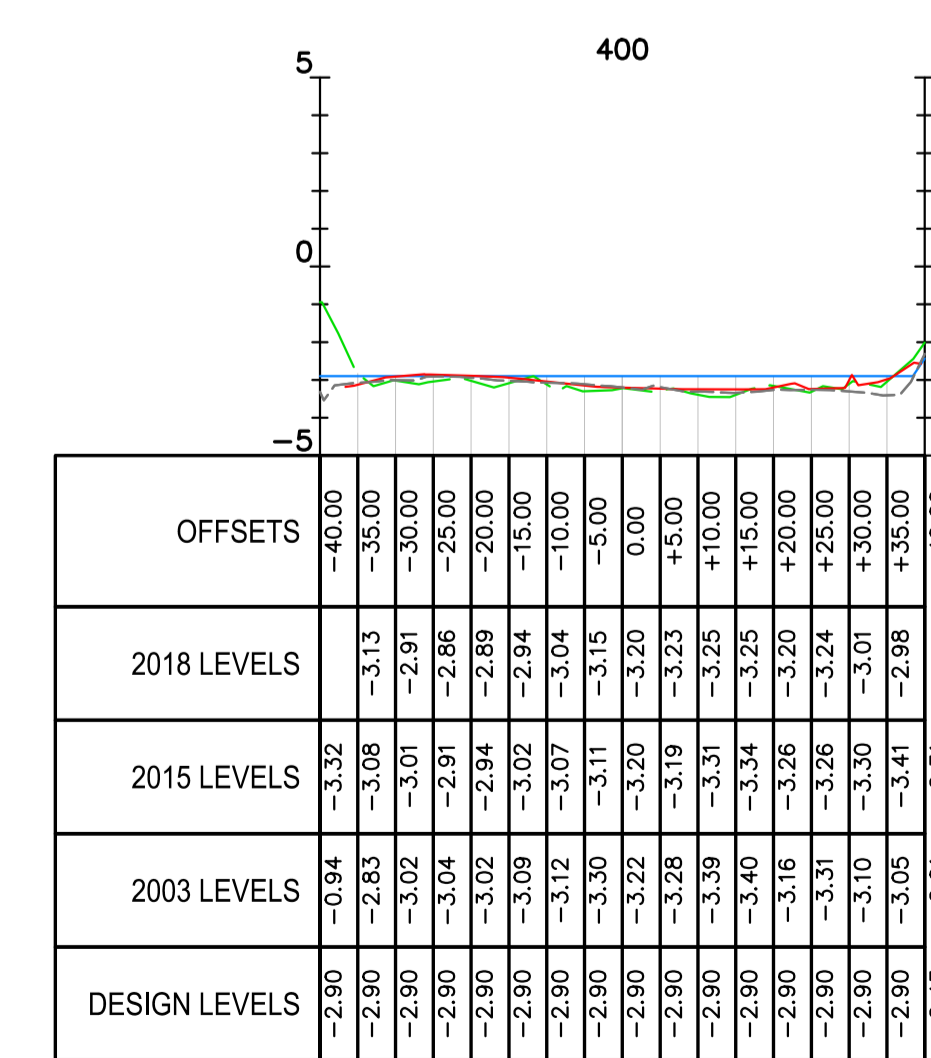
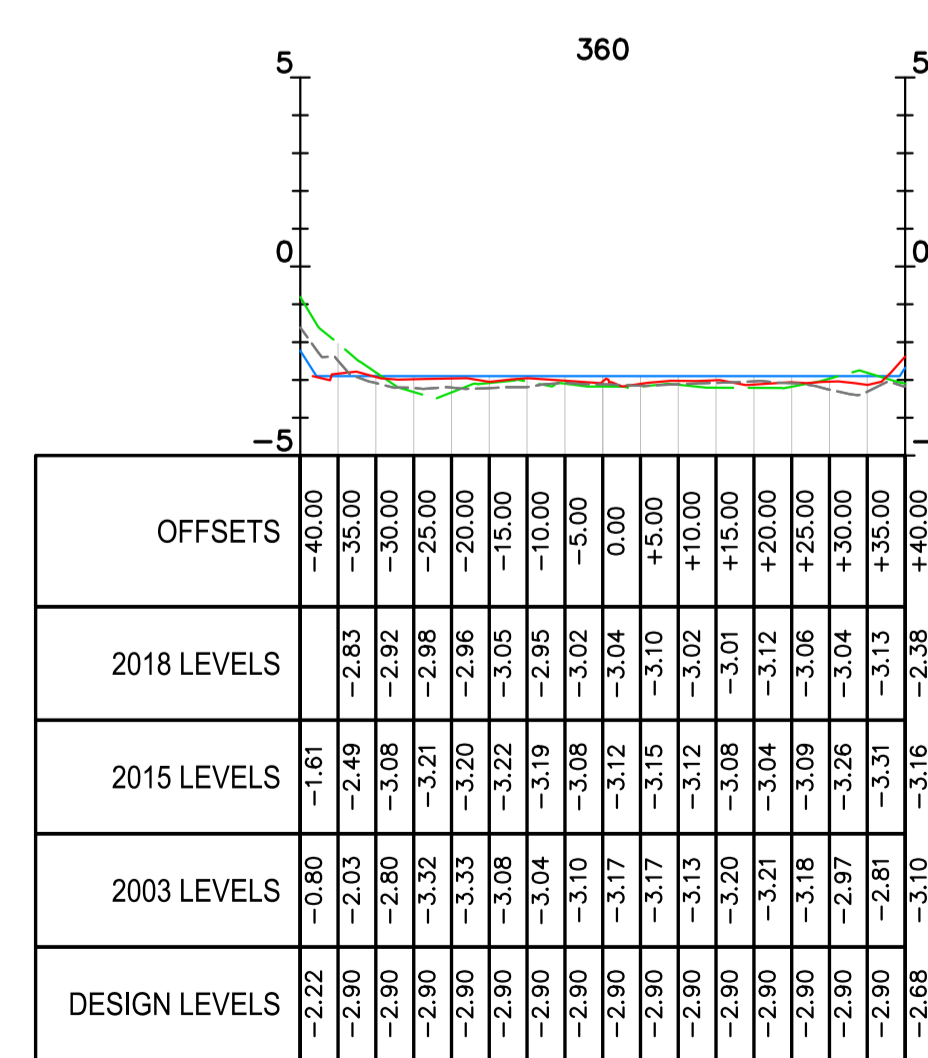
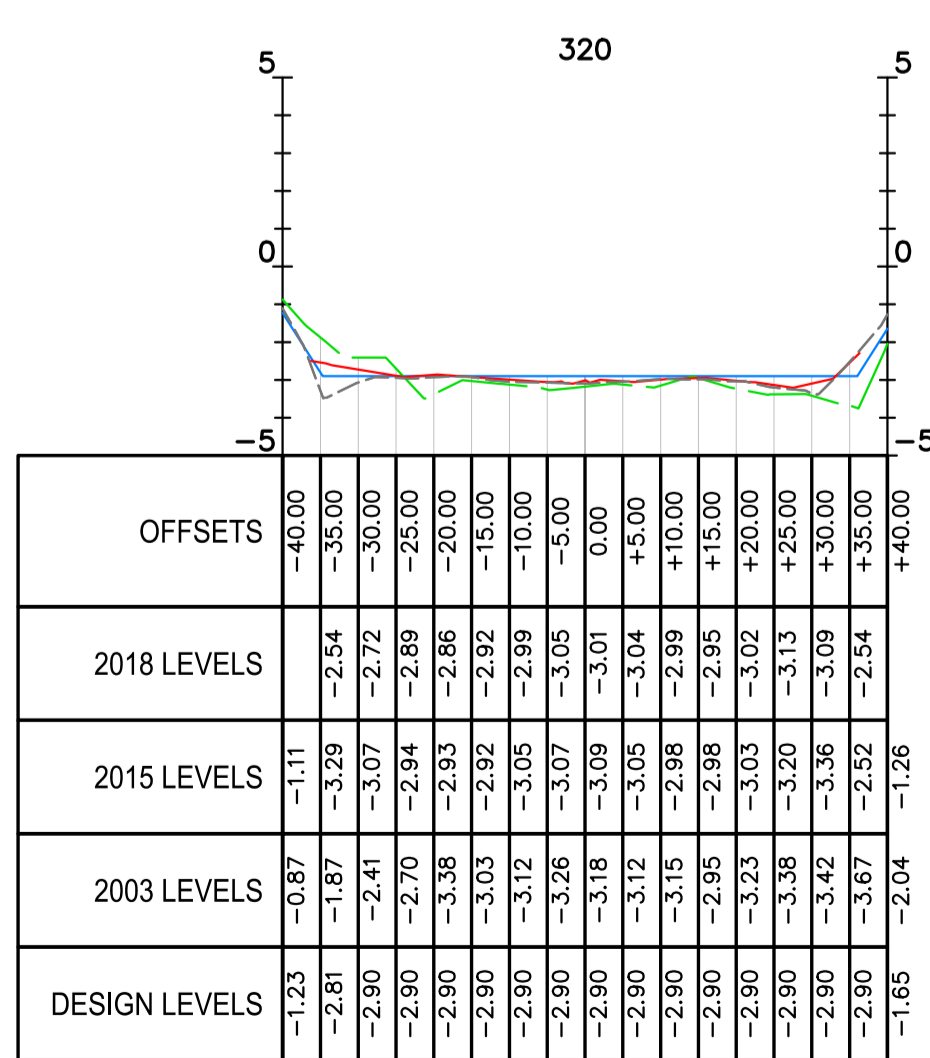
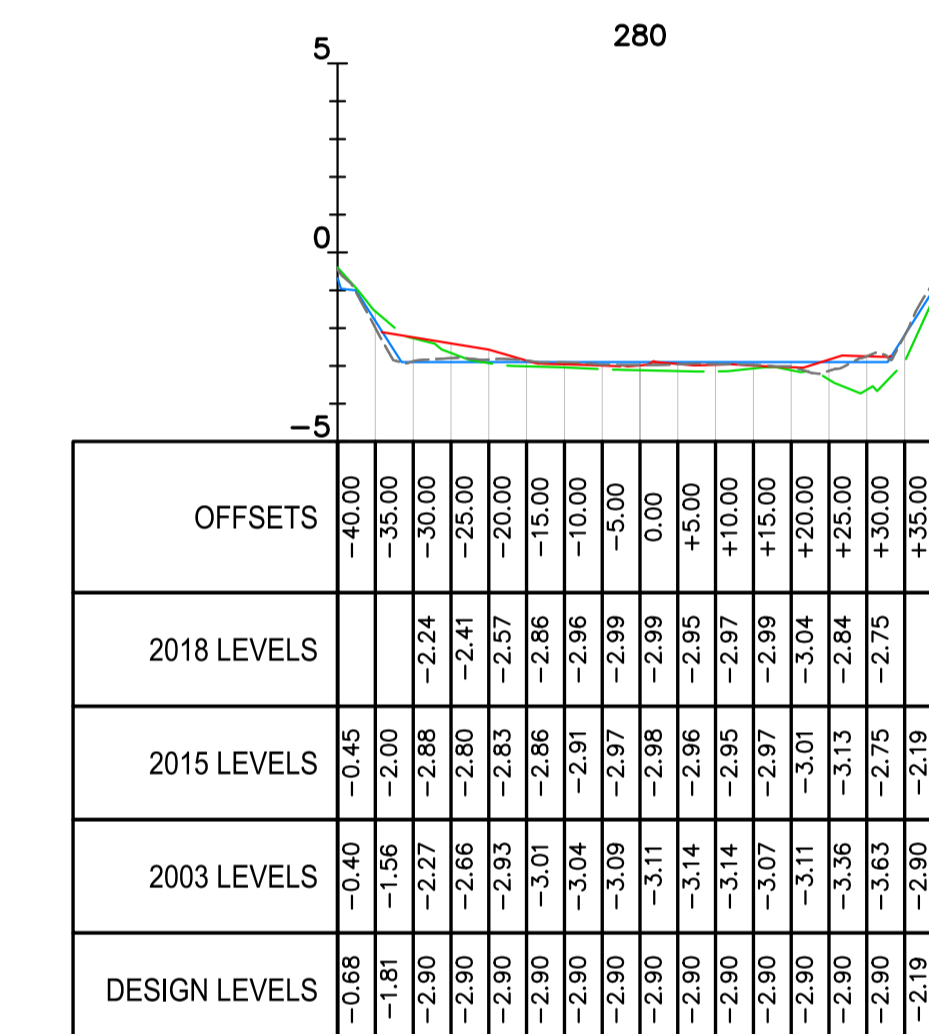
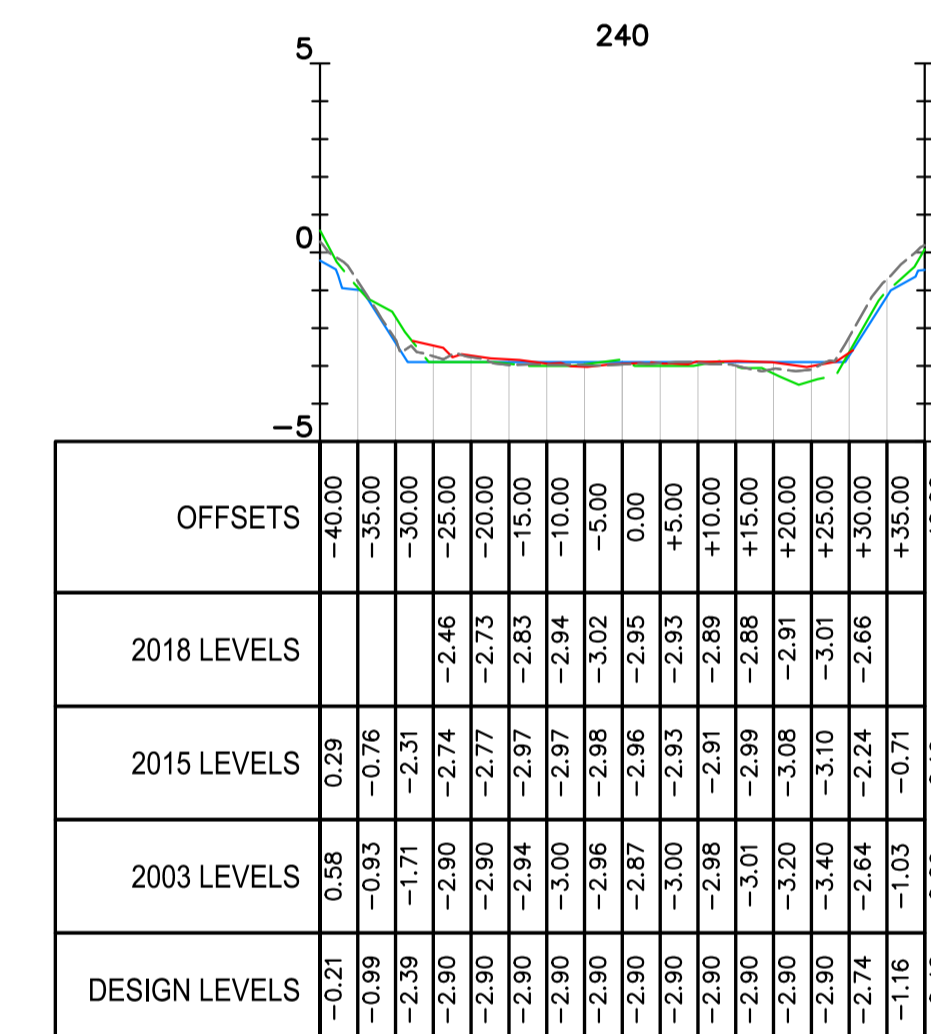
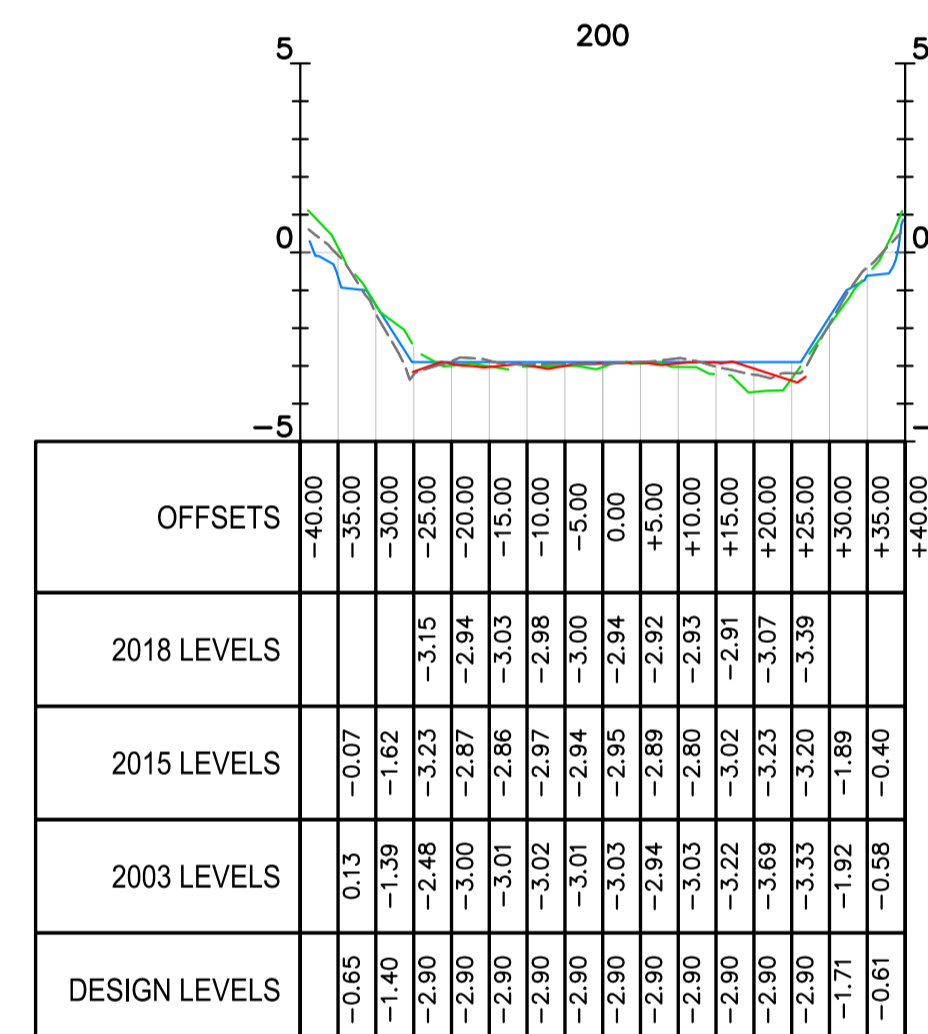
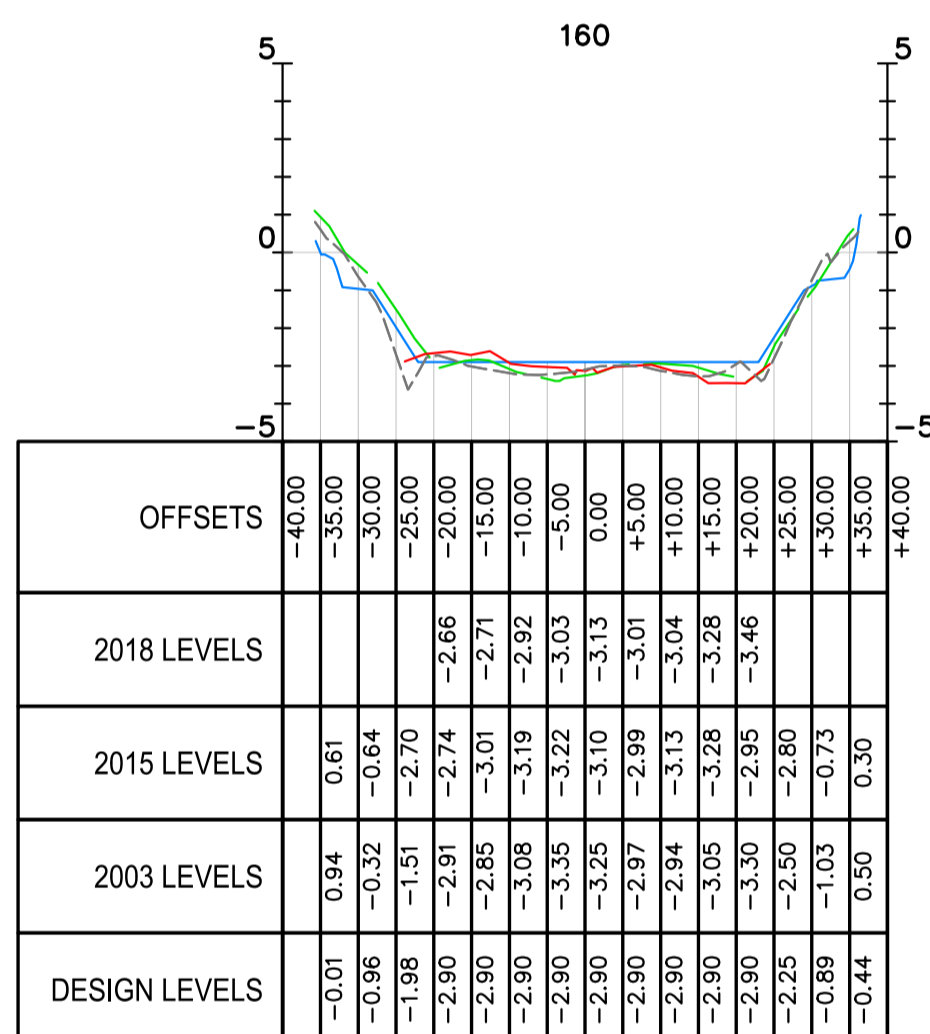
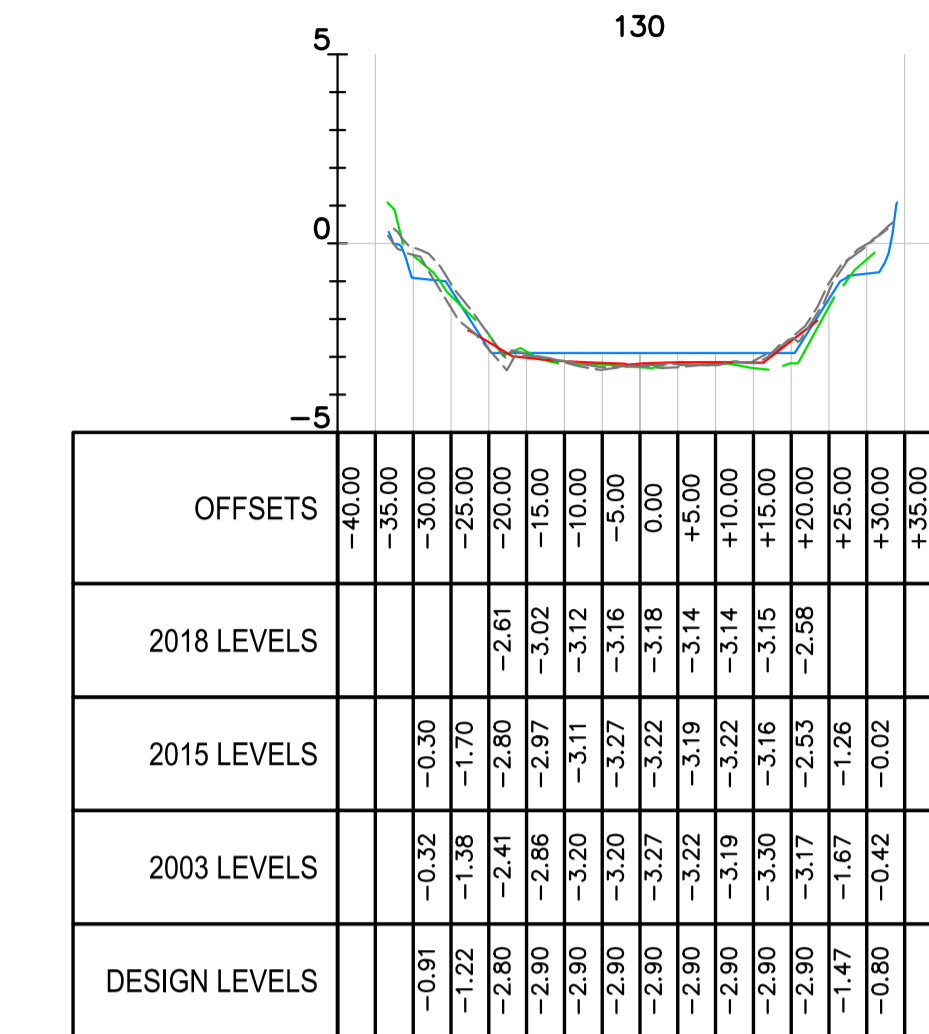
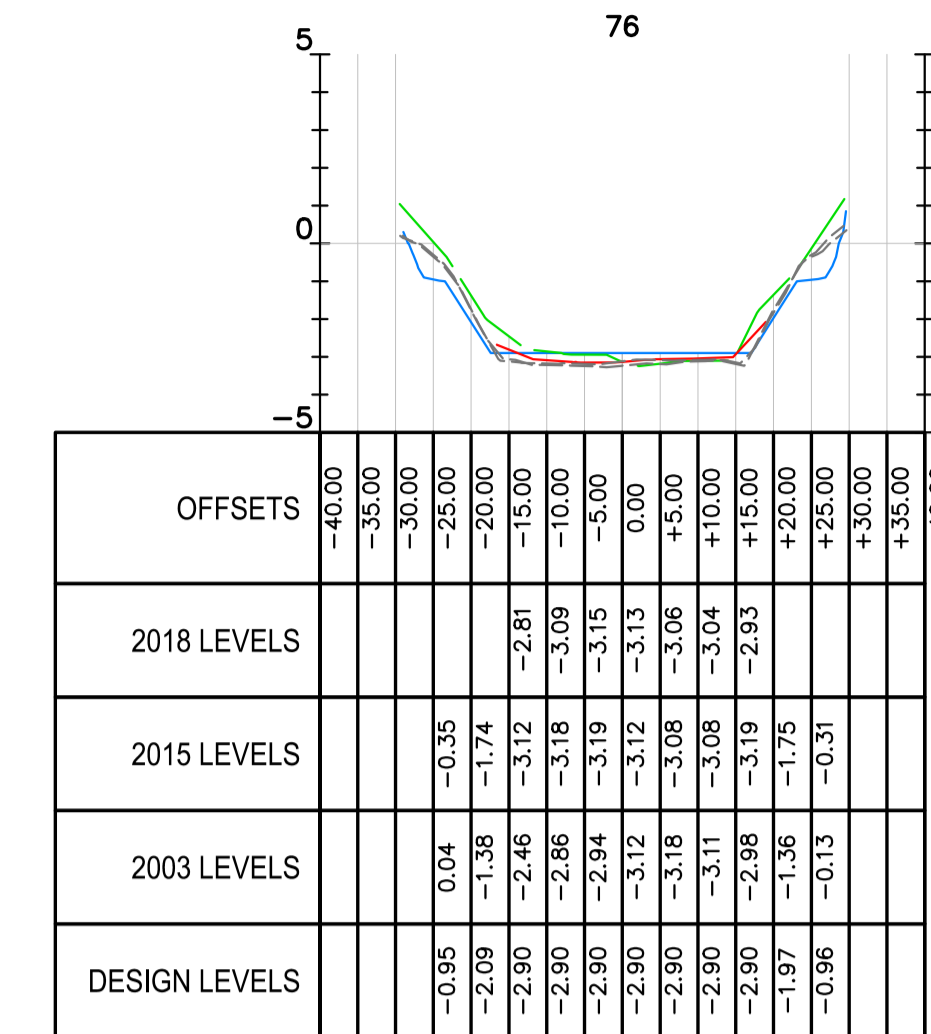
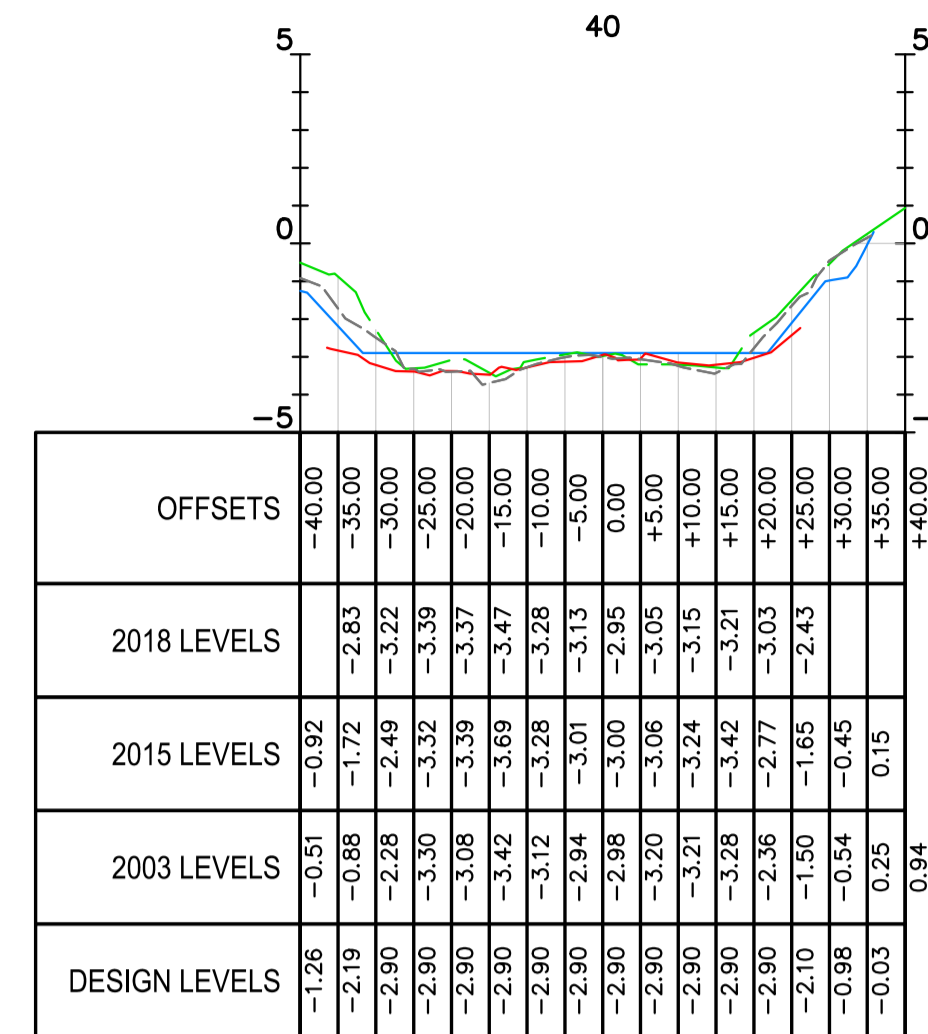
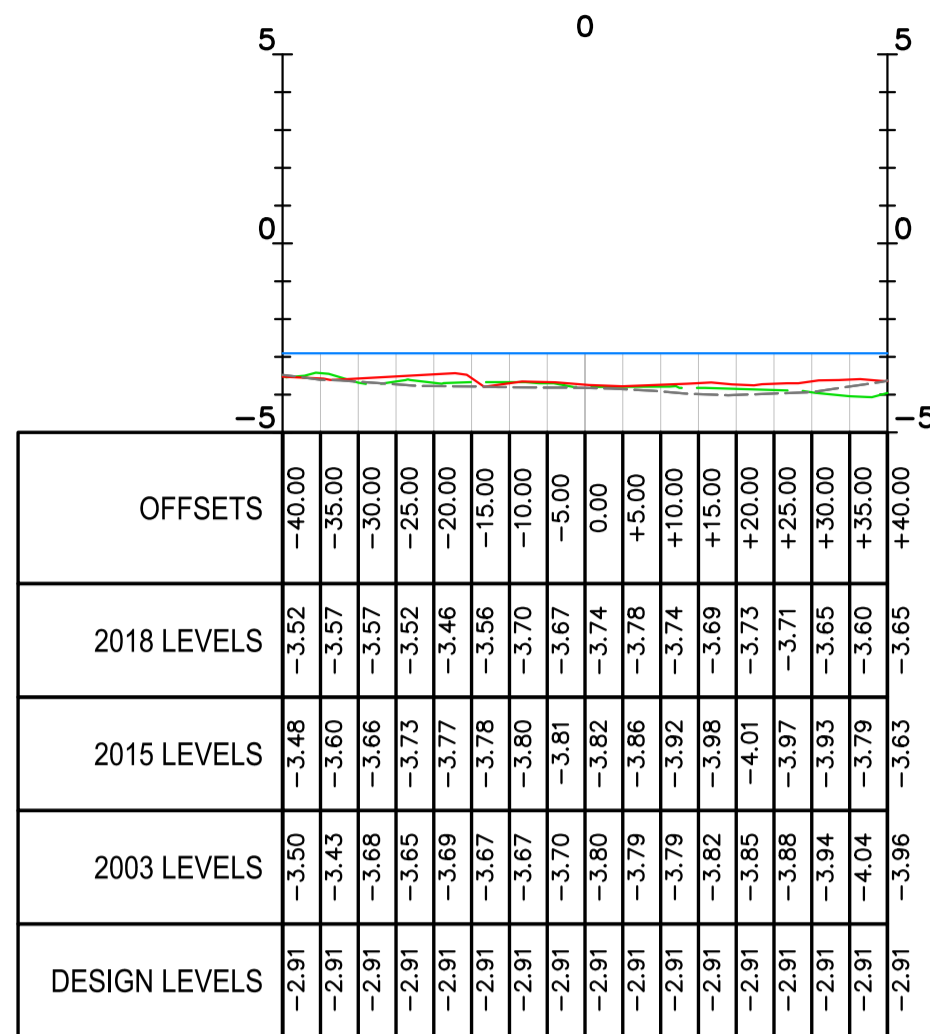


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A	PRELIMINARY	DSQ	PJC	AJP	AJP	14.03.18



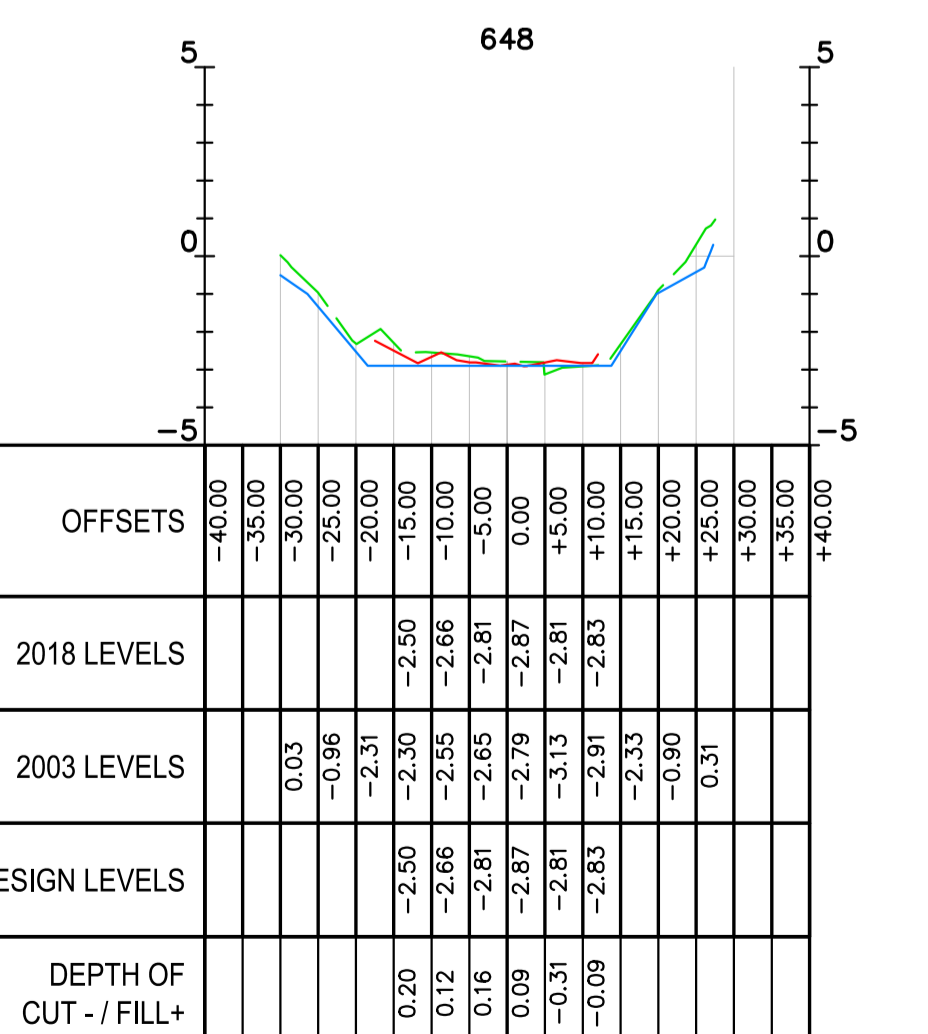
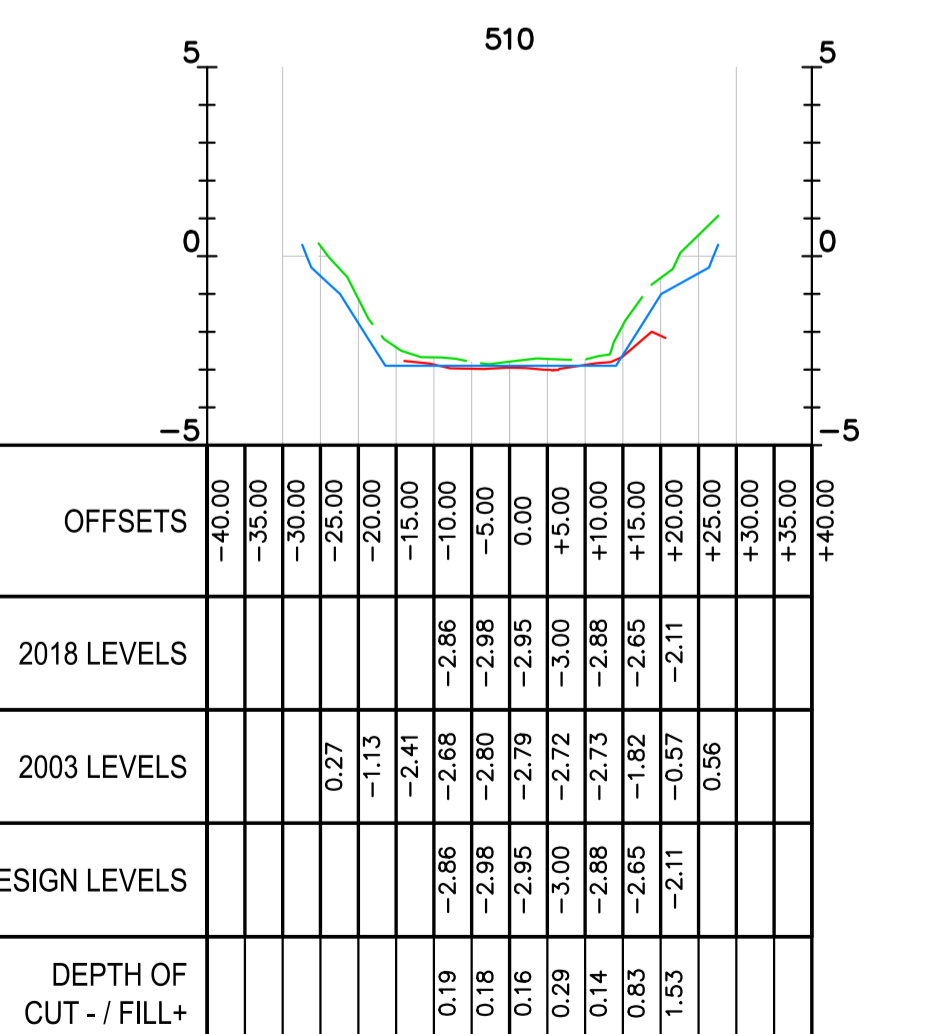
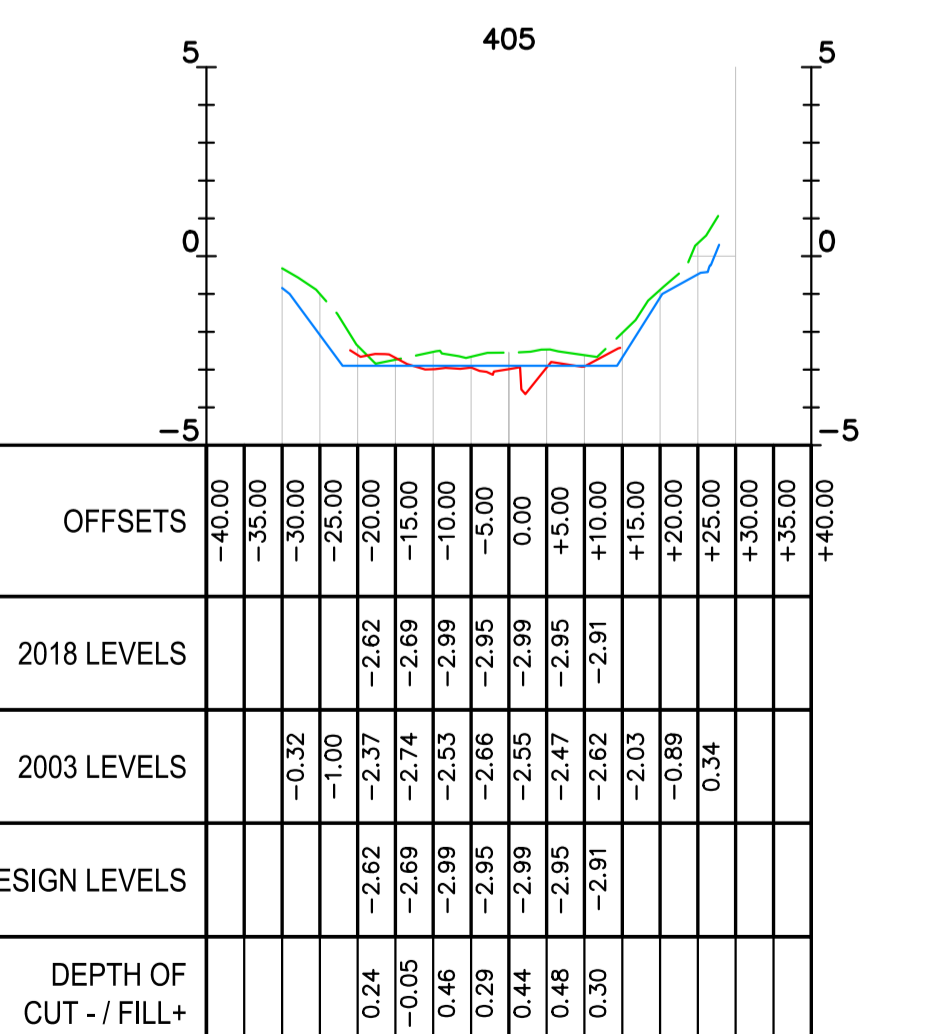
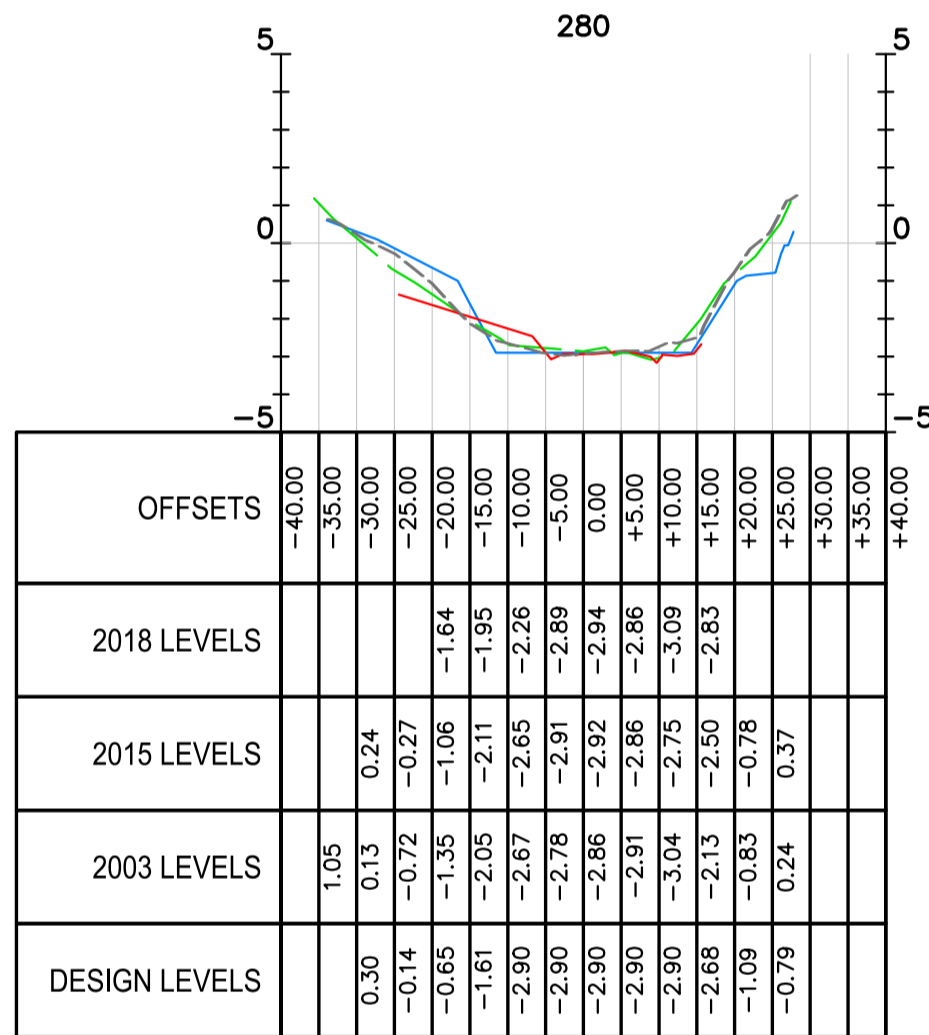
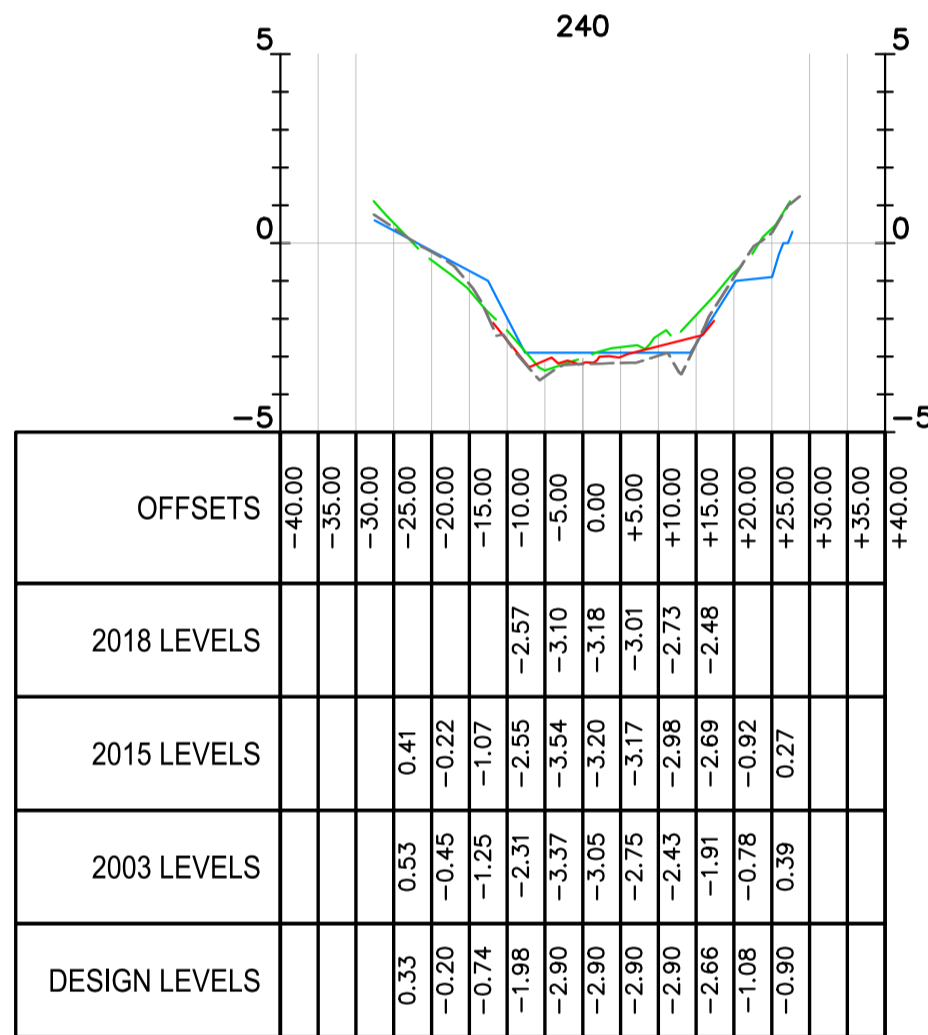
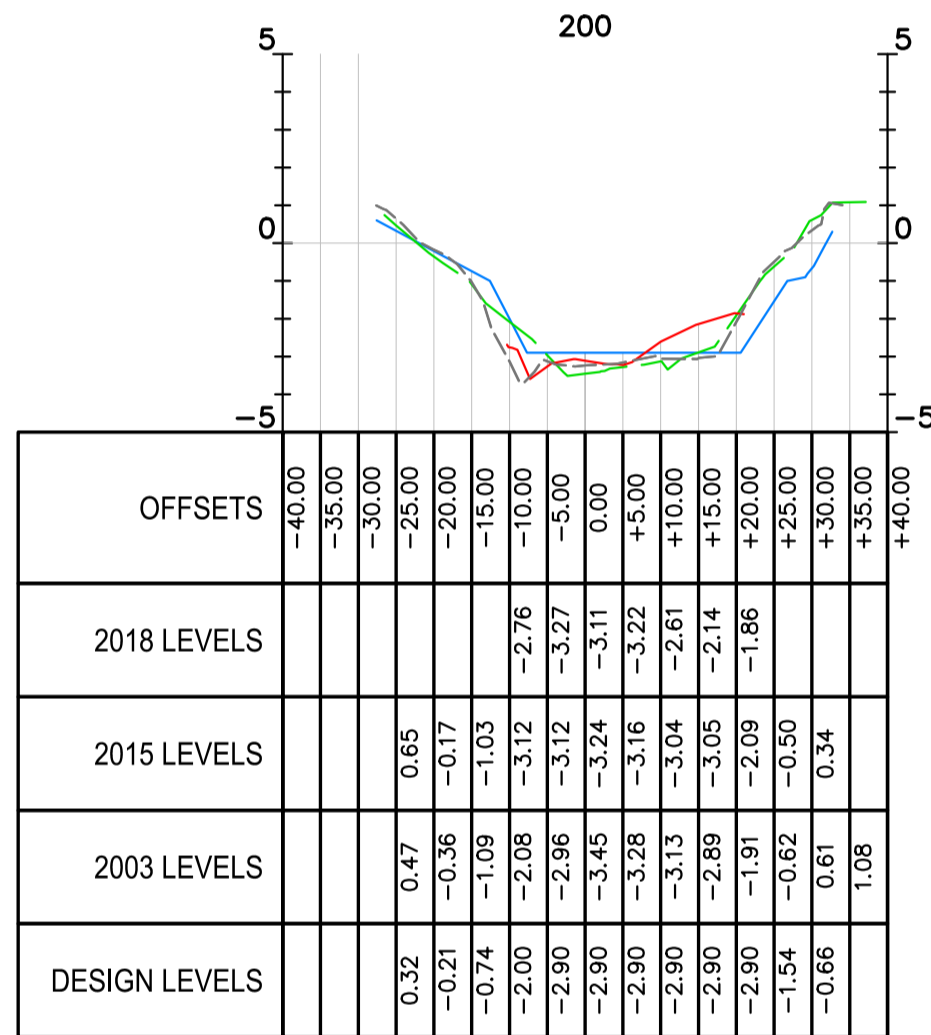
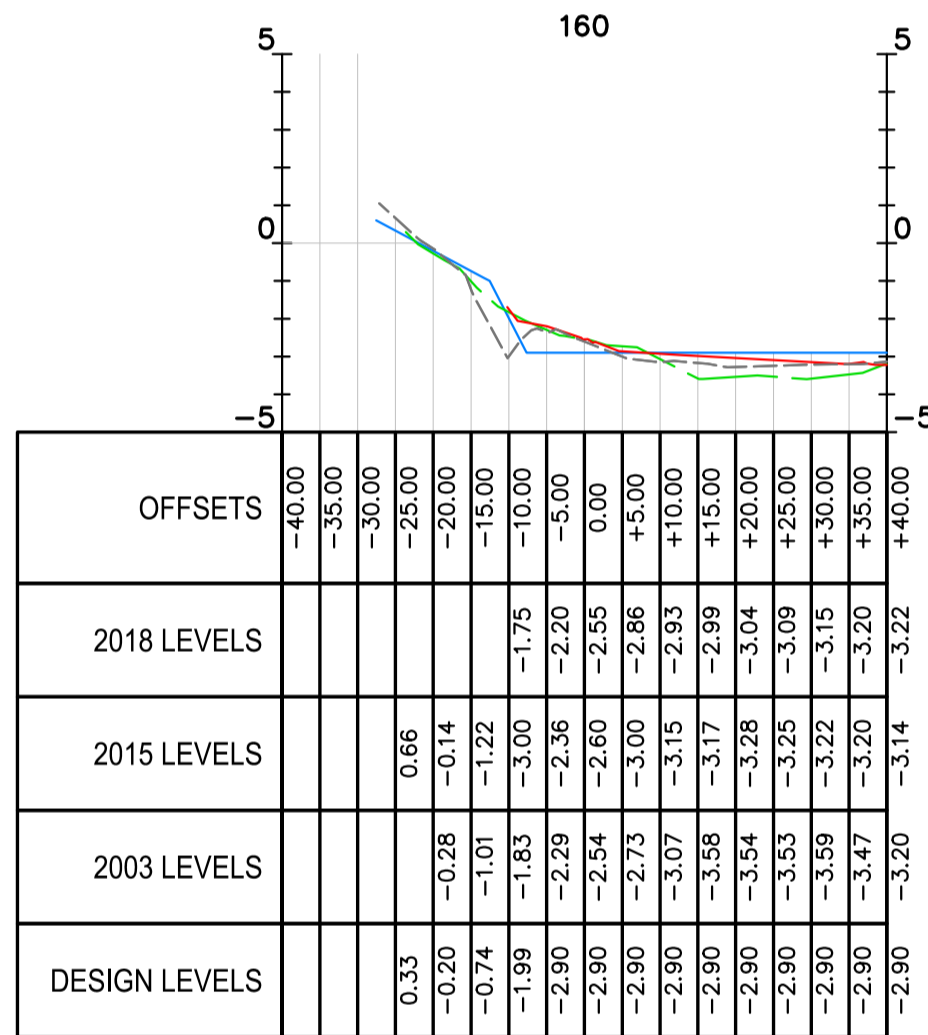
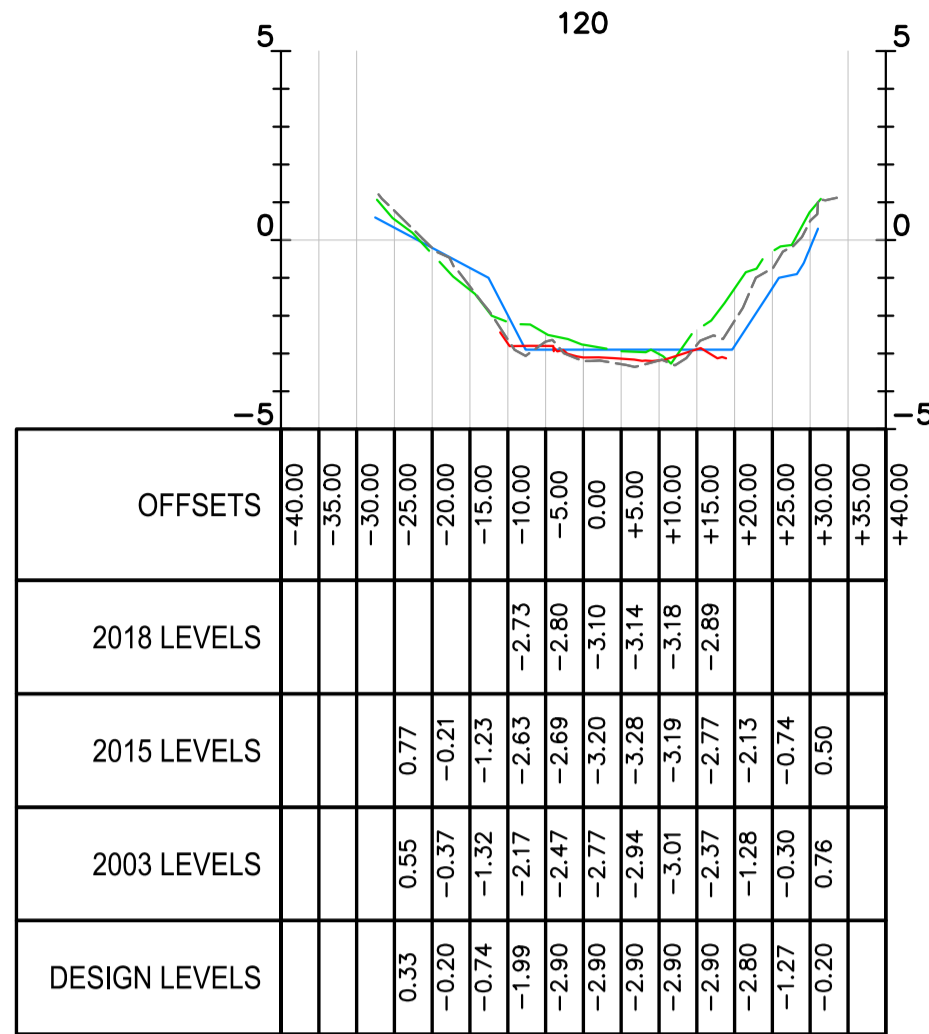
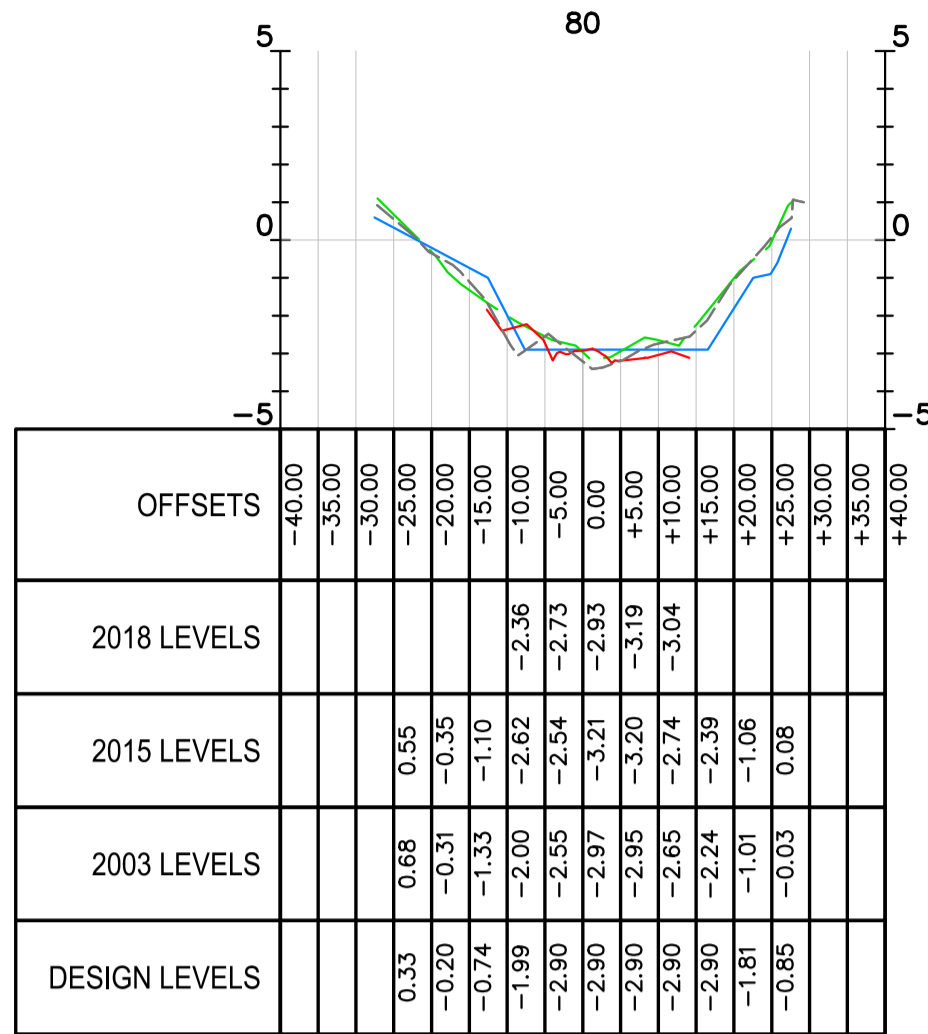
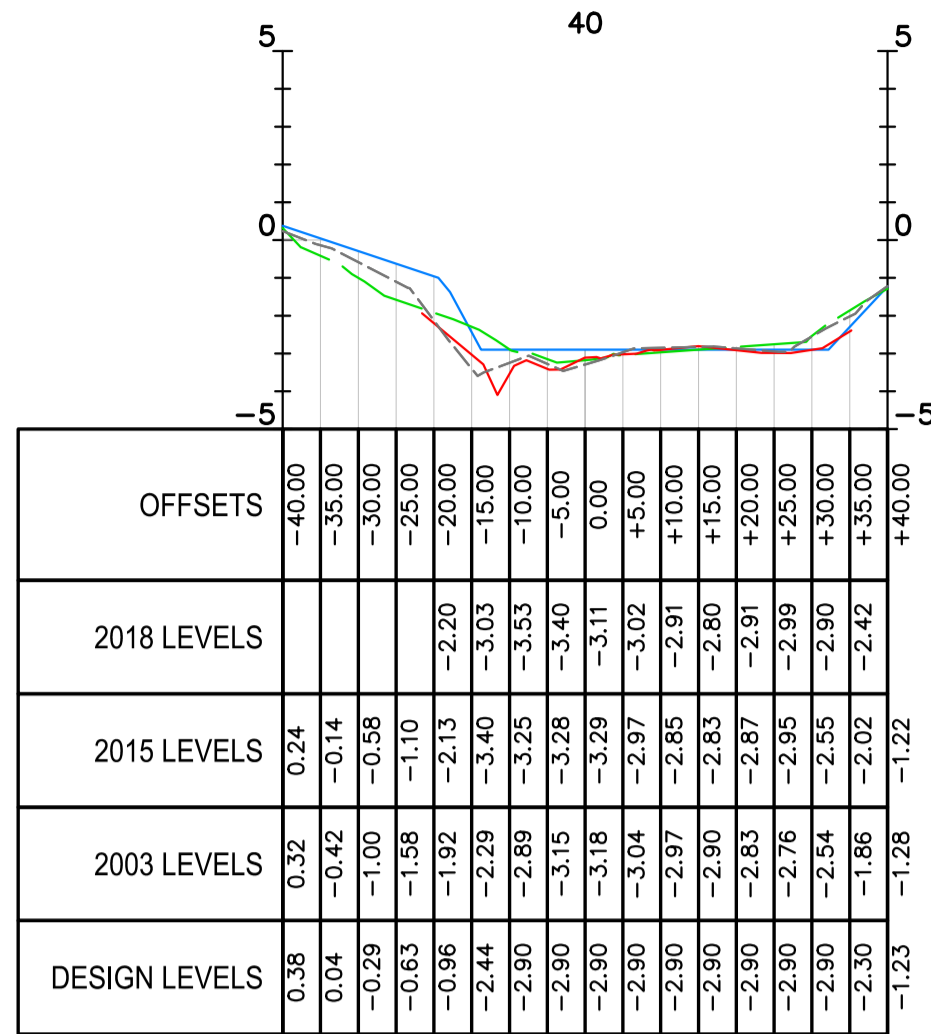
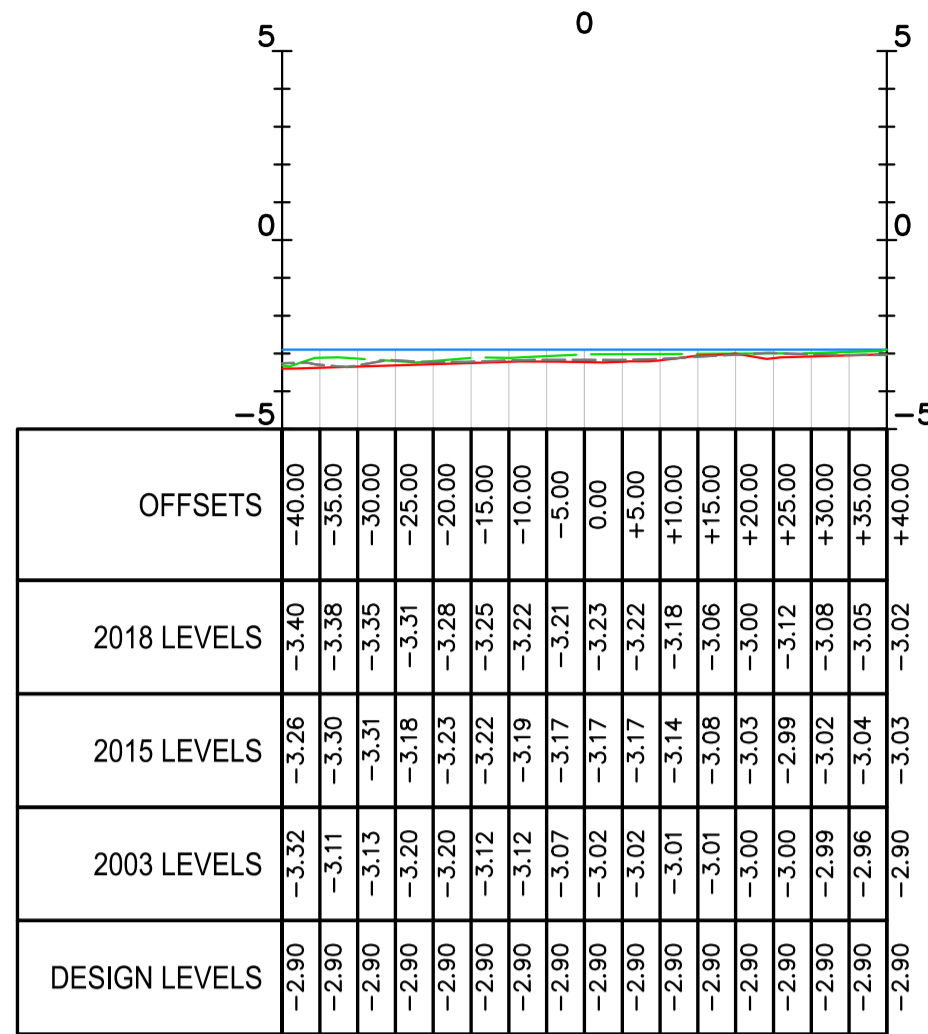
SUNSHINE COAST
 PO Box 1073, Buddina QLD 4575 Ph: (07) 5437 8555
 mail@dsqsurvey.com ABN: 91 615 043 251
 www.dsqsurvey.com ACN: 615 043 251
 WESTERN DOWNS

Signed _____
 Cadastral Surveyor/Director
 Date _____

Map Ref.: -

Horiz. Datum MGA Z56	Vert. Datum AHD
Origin See Above	Origin PSM 50649 RL 2.326
Parish: MOOLOOLAH	County: CANNING
Locality: MINYAMA	
Local Government: SUNSHINE COAST R. C.	

SHEET 7 OF 15	Scale	A1 1:1000
File 13242 DTM-04 Sections.dwg	Date 14/03/18	
DRAWING NUMBER		REV.
13242-DTM-04		A



W:\DSQ_Data\Jobs\Current\13242 SCRC (Minyama Canal)\Data Survey Drafting\DTM\13242 DTM-04 Sections.dwg

SCRC

MULLOKA EAST SECTIONS

GENERAL NOTES:

- MGA COORDINATES & AHD ELEVATIONS DERIVED FROM GPS SURVEY. HORIZONTAL & VERTICAL DATUM DERIVED FROM:
PSM 50649 (Point Cartwright Drive, BUDDINA)
E 512938.067, N 7046656.069, RL 2.326 AHD
PSM 99902 (Nicklin Way, MINYAMA)
E 511688.229, N 7046996.761, RL 5.355 AHD
- BOUNDARIES HAVE NOT BEEN SURVEYED OR REINSTATED
- BOUNDARIES SHOWN ARE COMPILED FROM DCDB DATA.

LEGEND

- HORIZONTAL & VERTICAL POSITIONING HAS BEEN DERIVED VIA RTK GPS AND CEEDUCER PRO DIGITAL ECHO SOUNDER (200 KHZ TRANSDUCER).
- DATA POST PROCESSED USING HYPACK HYDROGRAPHIC SURVEY SOFTWARE. DIGITAL TERRAIN MODEL CREATED WITH CIVIL3D (2014) SOFTWARE.
- THIS IS A CLASS C HYDROGRAPHIC SURVEY AS DEFINED BY MARITIME SAFETY QLD - STANDARDS FOR HYDROGRAPHIC SURVEYS
- CALIBRATION OF ECHO SOUNDER & RTK GPS PERFORMED AT START & END OF EACH DAY DURING PERIOD OF SURVEY.
- CANAL DESIGNS HAVE BEEN TAKEN FROM READER CLIFFORD DRAWINGS DATED 18/02/2003. REFER TO DRG NO RC5532 FOR DETAILS.

LEGEND

- Design Profile
- 2003 Survey Profile
- - - 2015 Survey Profile
- 2018 Survey Profile

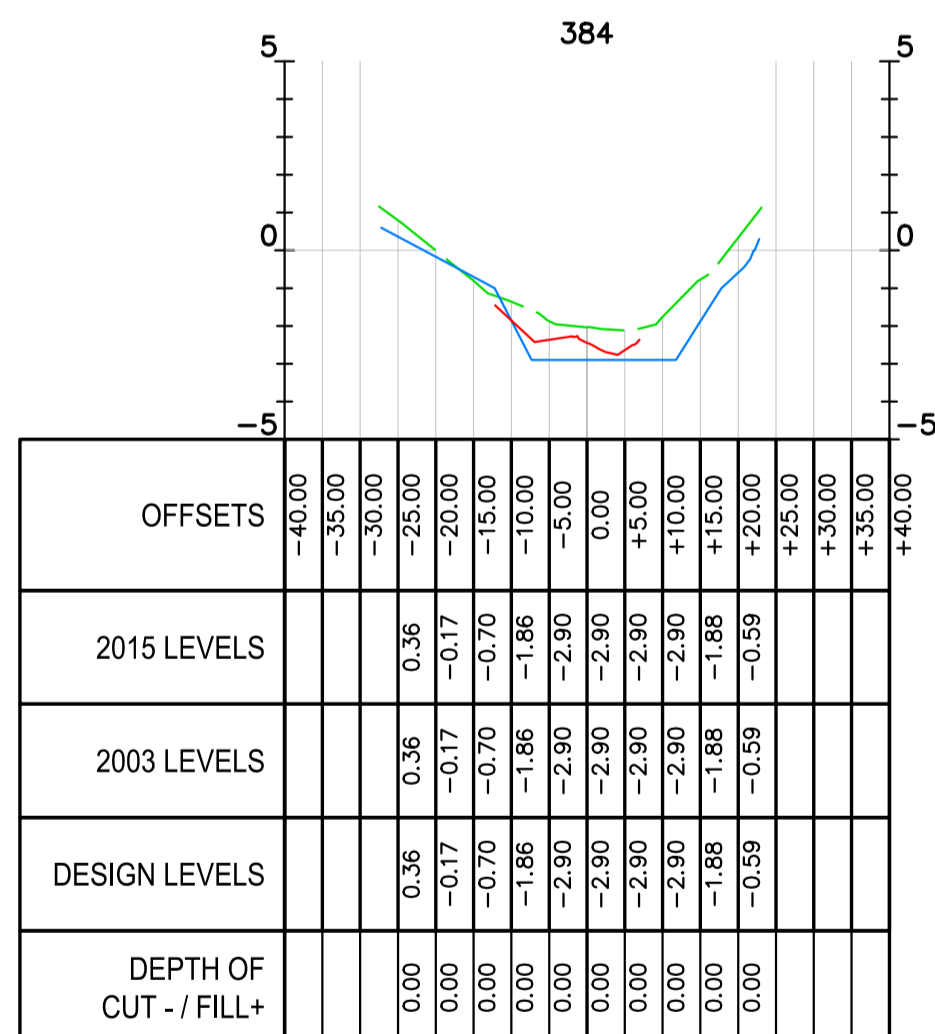
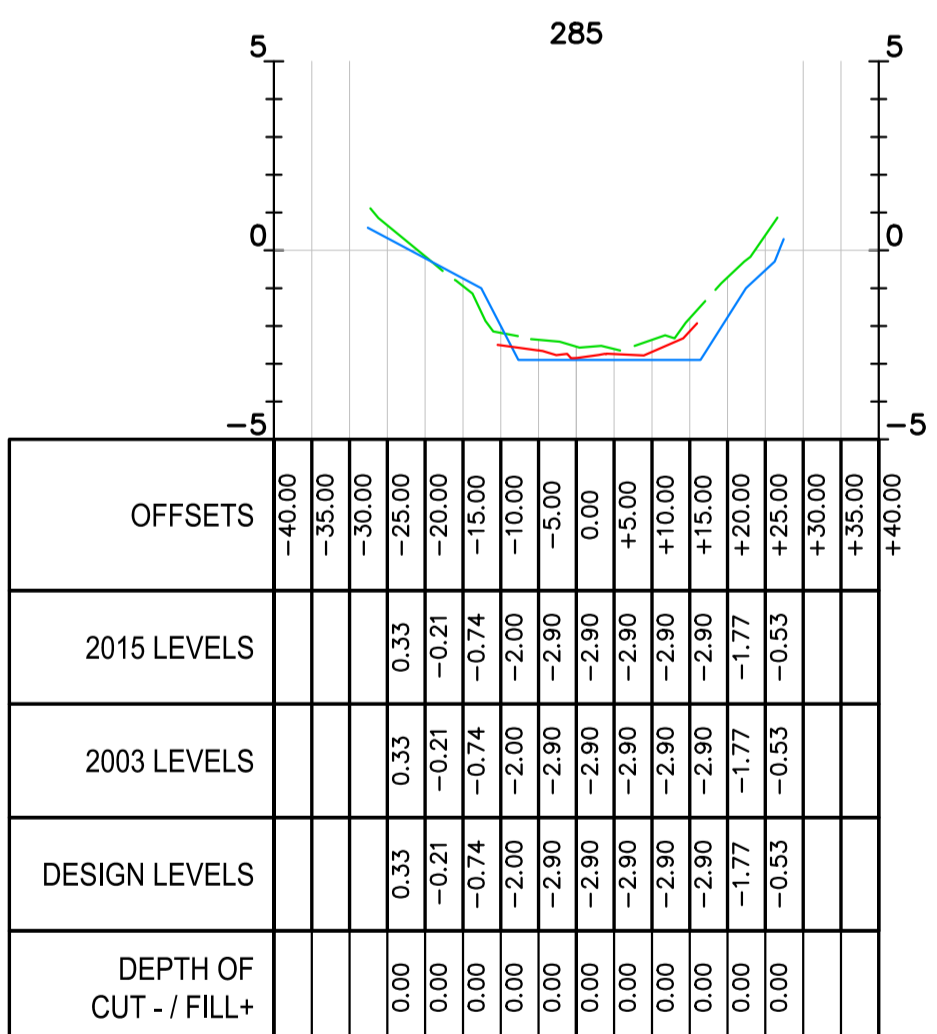
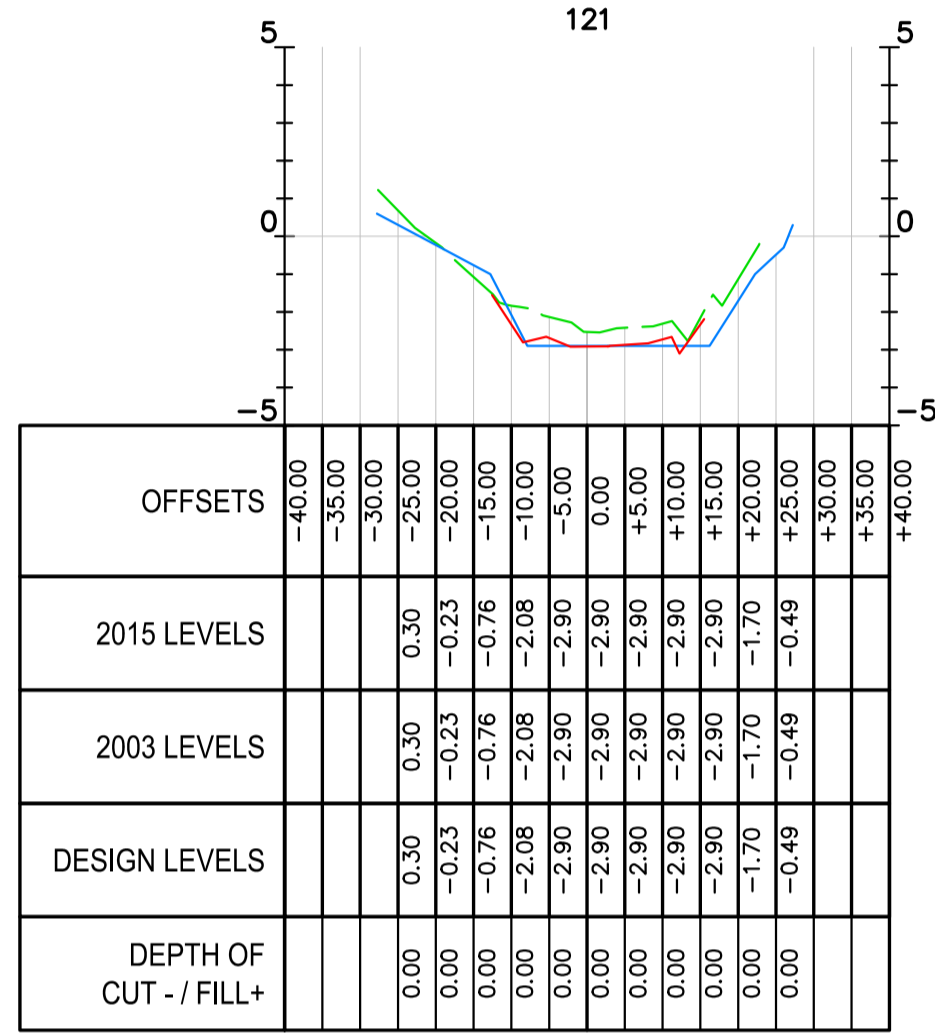
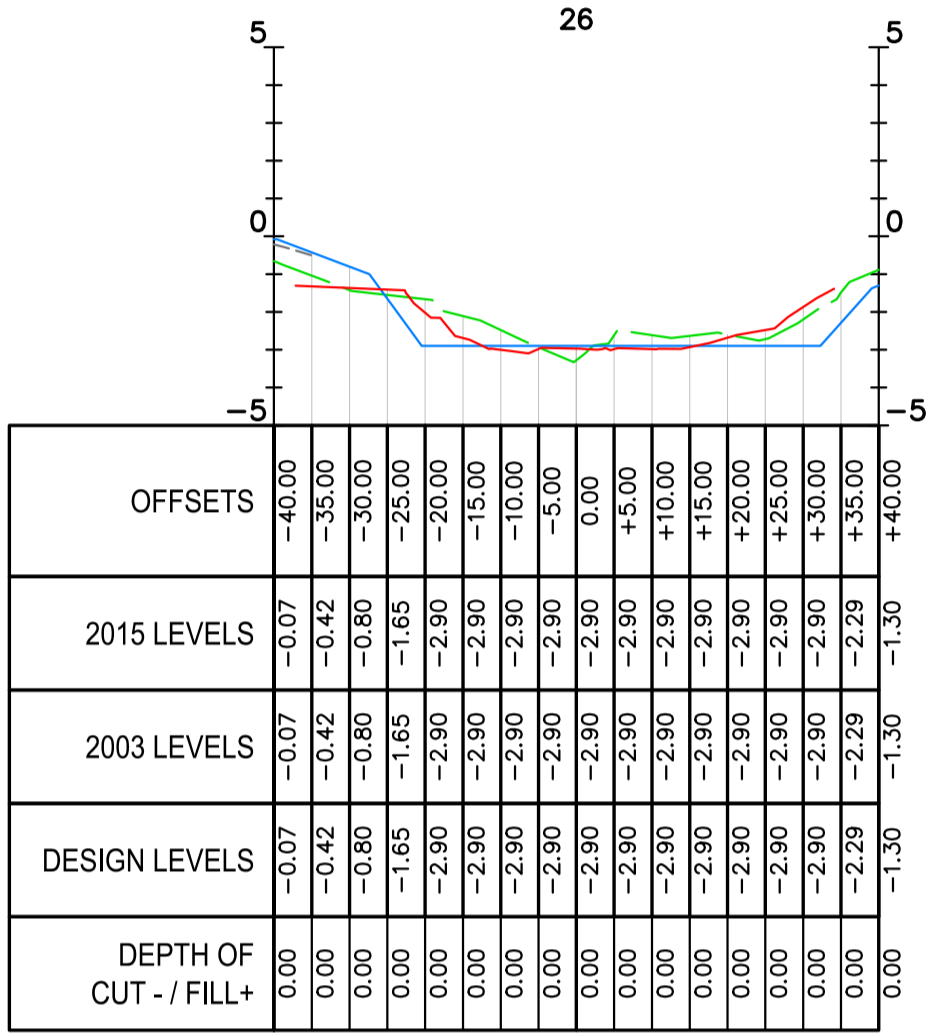
Revisions	Surveyed	Drawn	Checked	Passed	Date	
A	PRELIMINARY	DSQ	PJC	AJP	AJP	14.03.18



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 WESTERN DOWNS

Signed _____
 Cadastral Surveyor/Director
 Date _____

Map Ref.: -	
Horiz. Datum MGA Z56	Vert. Datum AHD
Origin See Above	Origin PSM 50649 RL 2.326
Parish: MOOLOOLAH	County: CANNING
Locality: MINYAMA	
Local Government: SUNSHINE COAST R. C.	
SHEET 8 OF 15	Scale A1 1:1000
File 13242 DTM-04 Sections.dwg	Date 14/03/18
DRAWING NUMBER	REV.
13242-DTM-04	A



W:\DSQ_Data\Jobs\Jobs Current\13242 SCRC (Minyama Canal)\Data Survey\Drafting\DTM\13242 DTM-04 Sections.dwg

SCRC

BOMBALA CANAL SECTIONS

GENERAL NOTES:

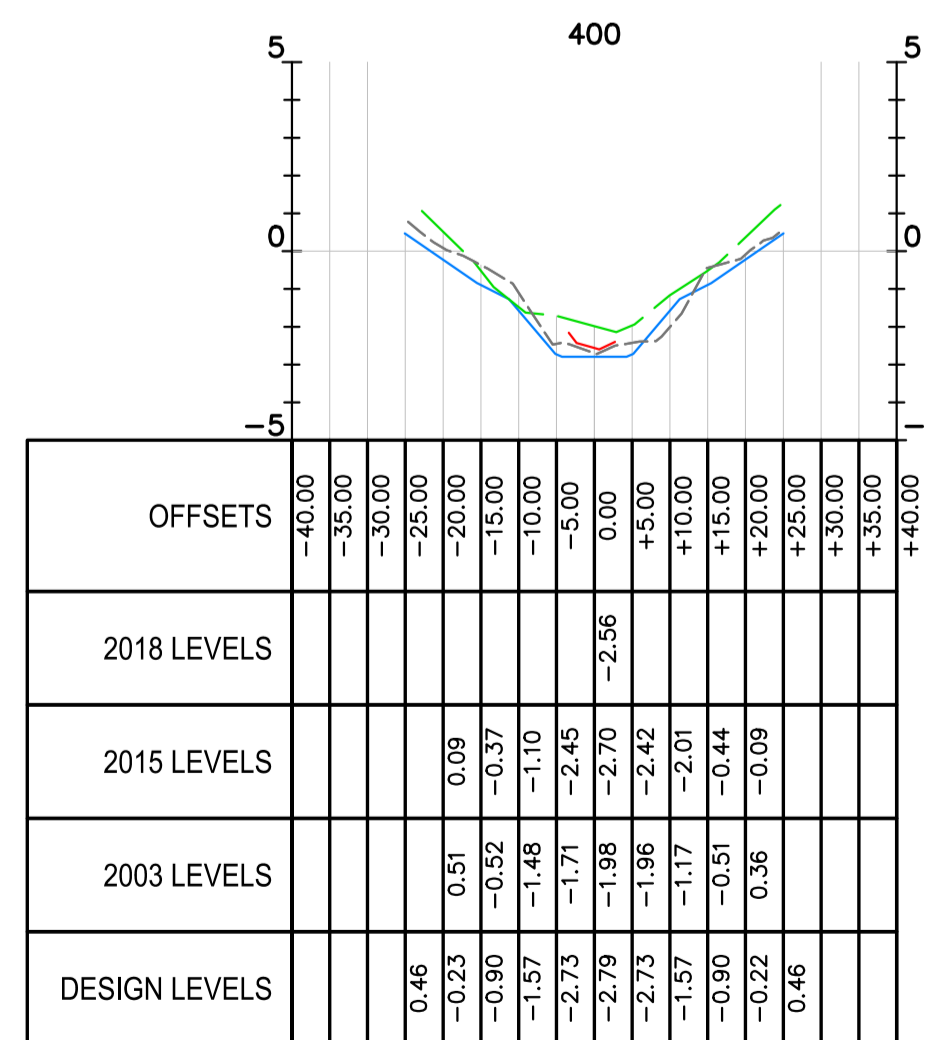
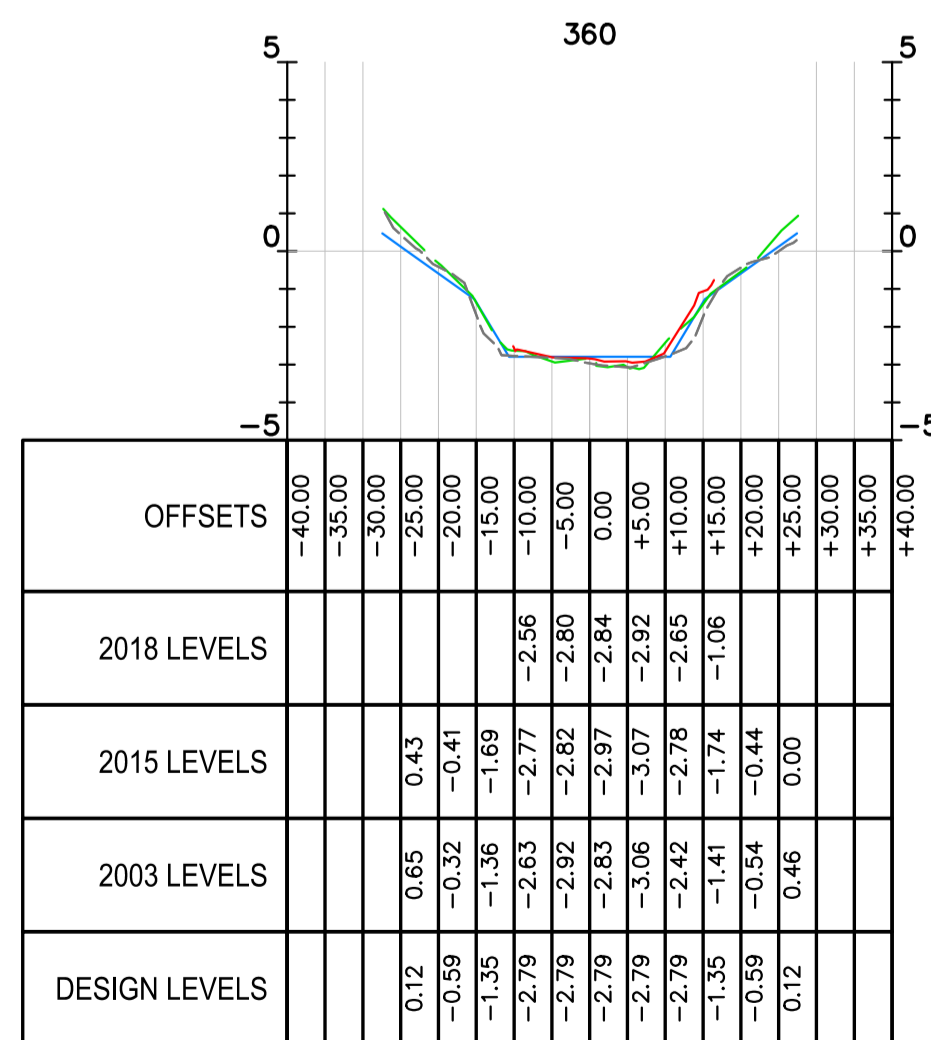
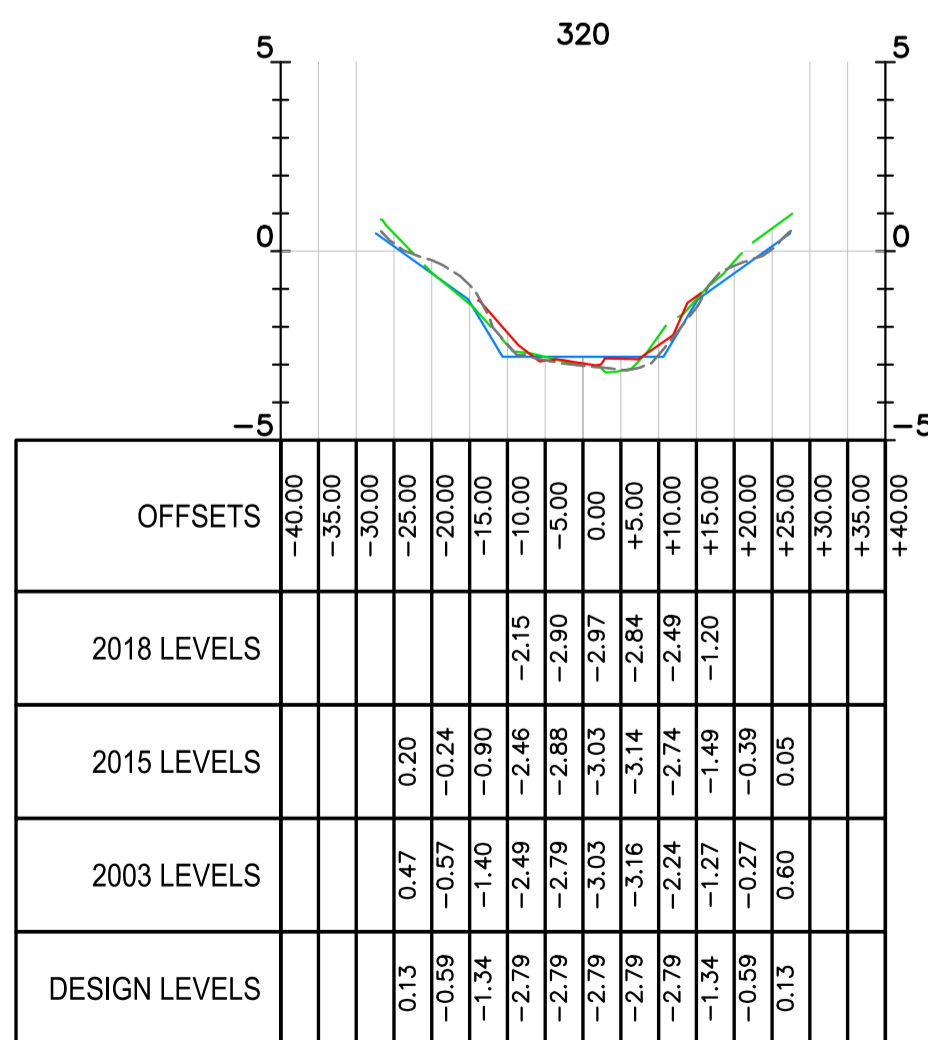
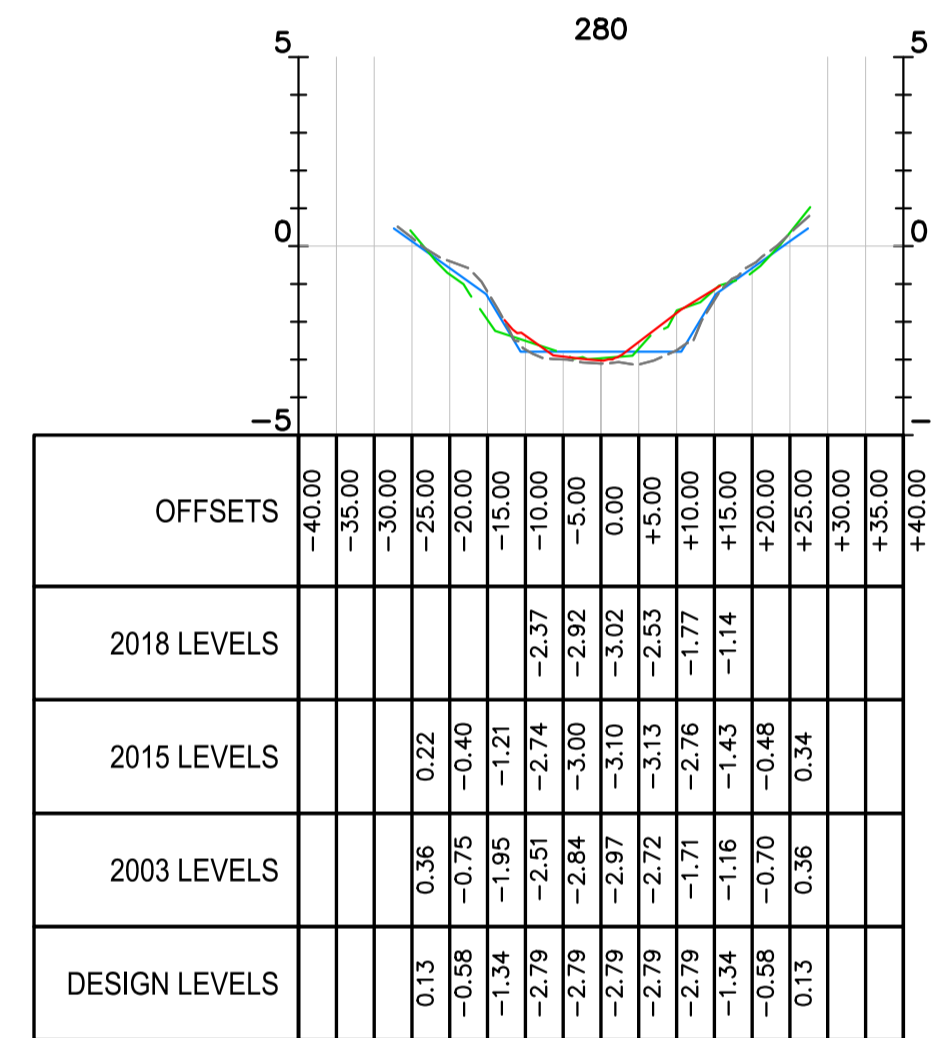
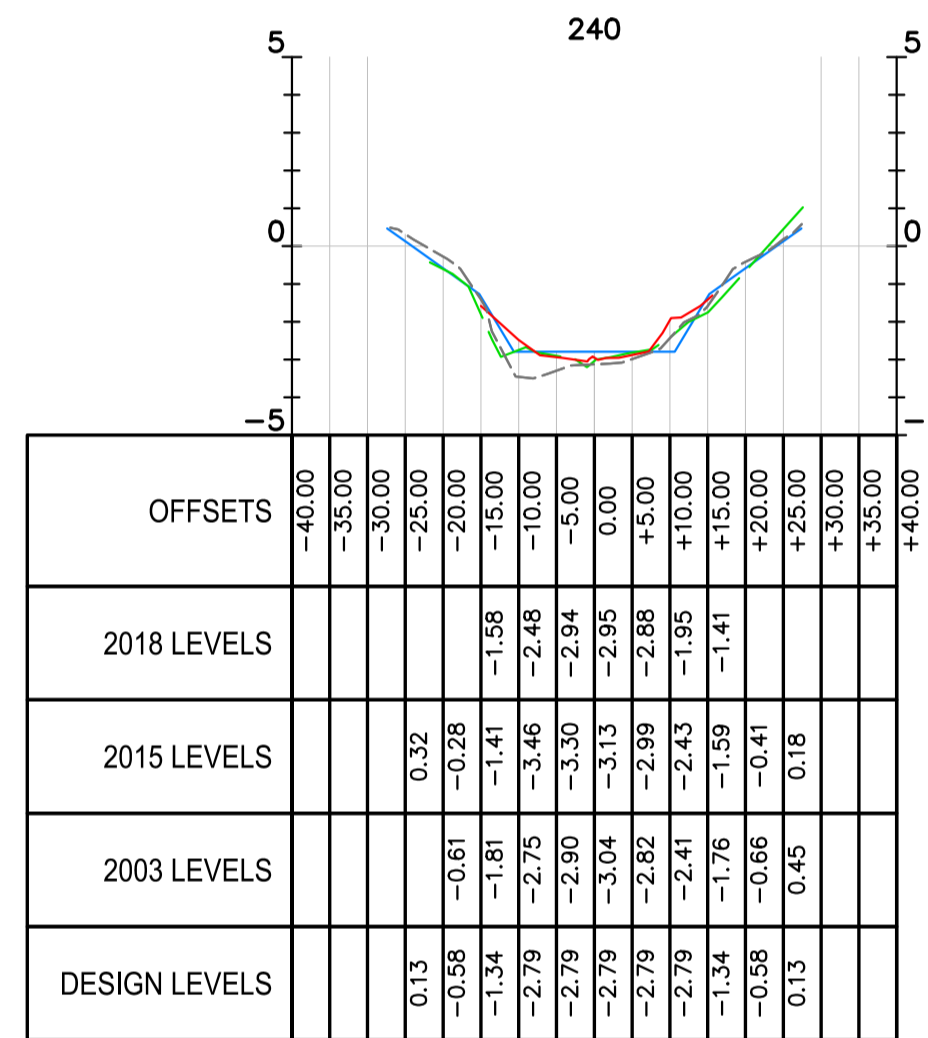
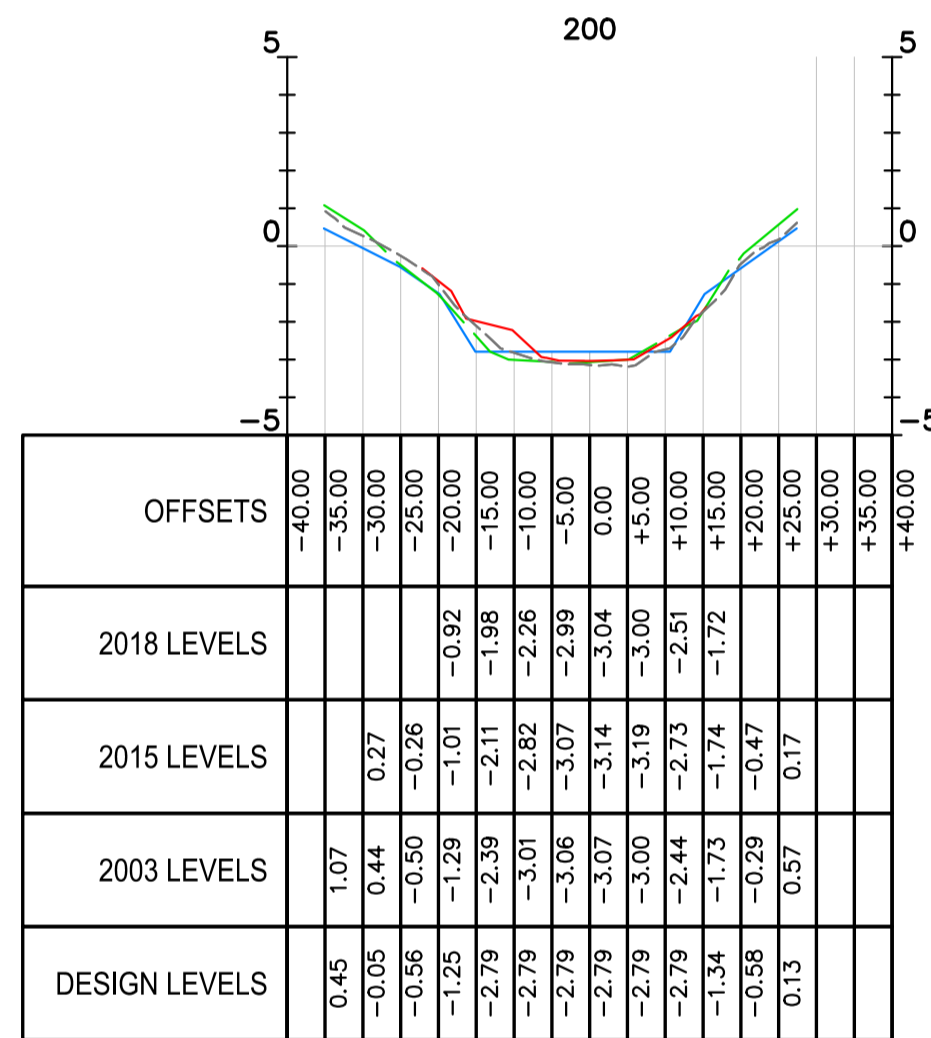
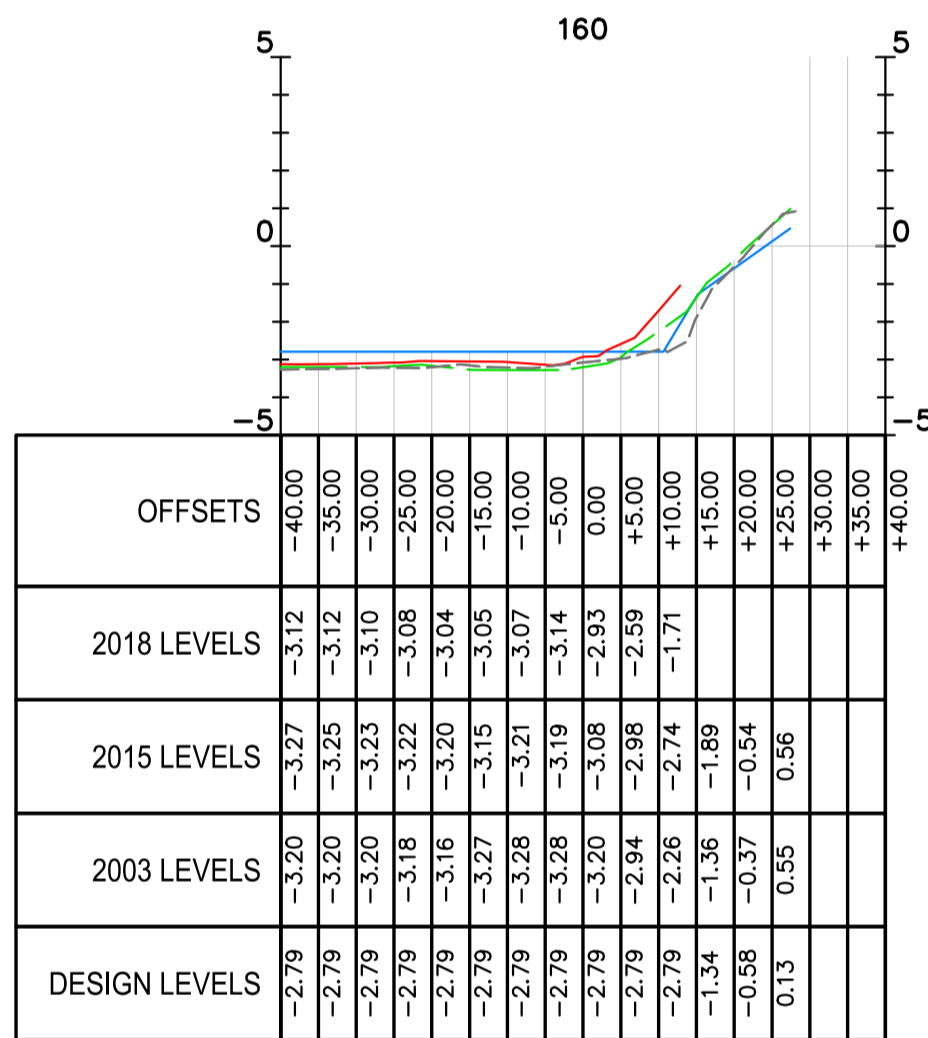
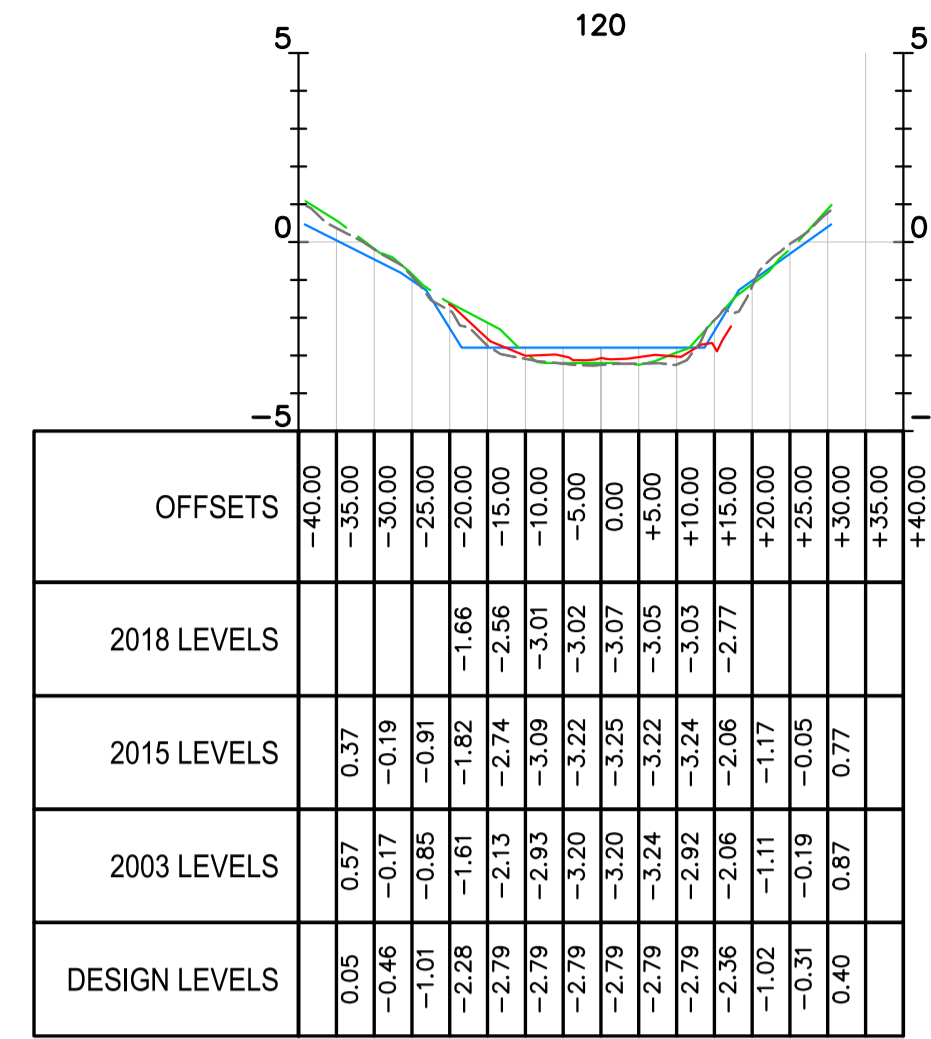
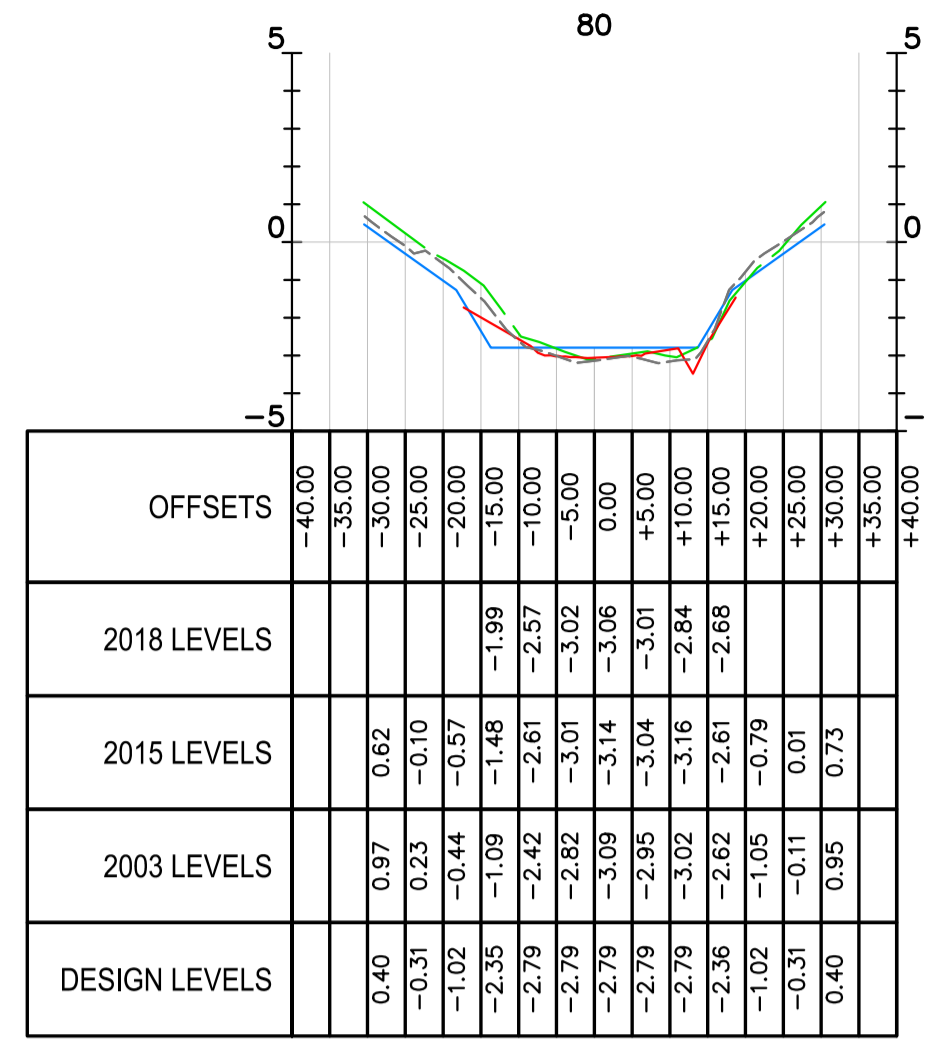
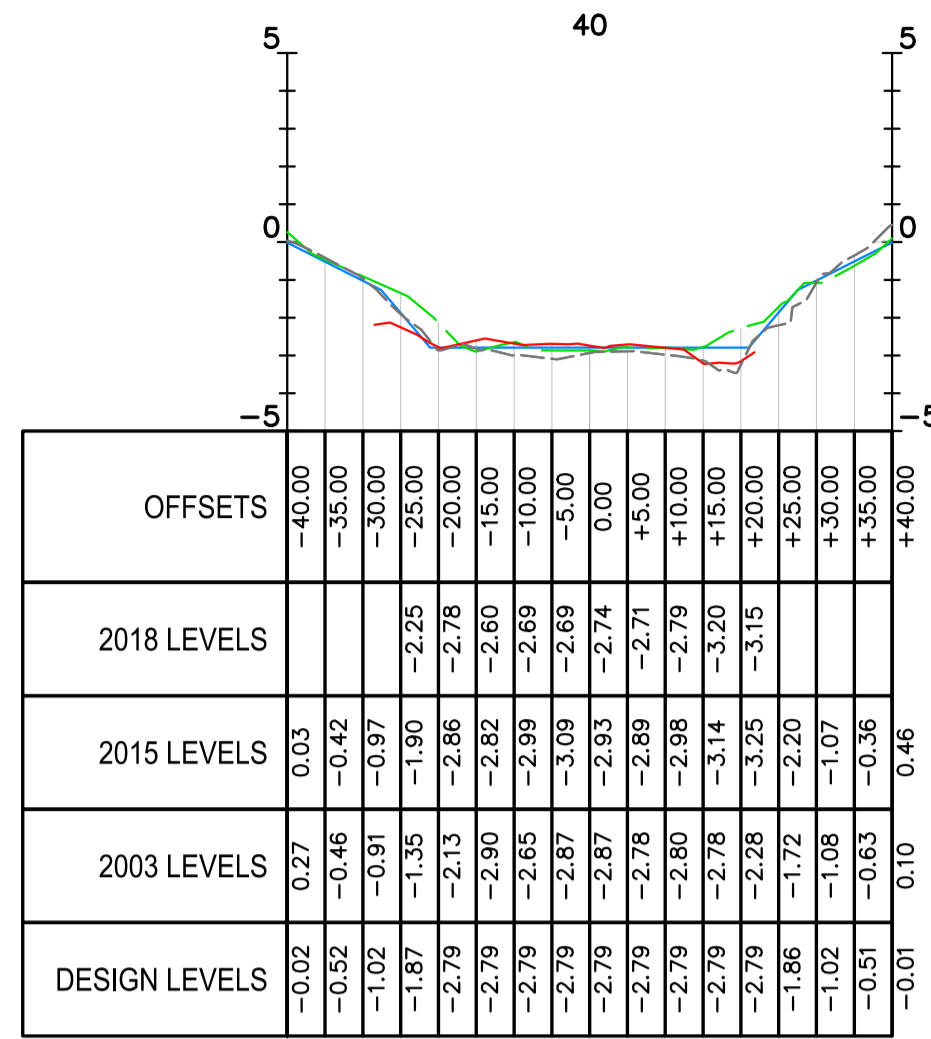
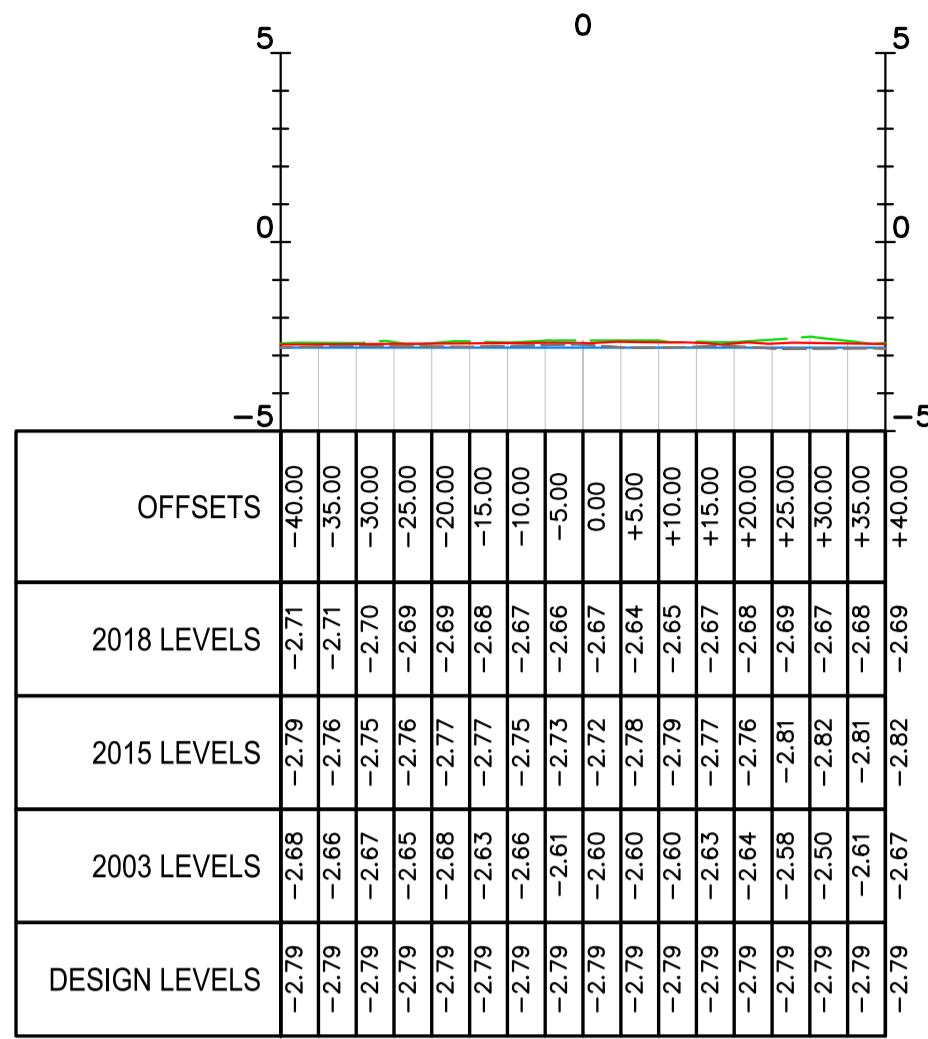
- MGA COORDINATES & AHD ELEVATIONS DERIVED FROM GPS SURVEY. HORIZONTAL & VERTICAL DATUM DERIVED FROM: PSM 50649 (Point Cartwright Drive, BUDDINA) E 512938.067, N 7046656.069, RL 2.326 AHD
PSM 99802 (Nicklin Way, MINYAMA) E 511688.229, N 7046996.761, RL 5.355 AHD
- BOUNDARIES HAVE NOT BEEN SURVEYED OR REINSTATED
- BOUNDARIES SHOWN ARE COMPILED FROM DCDB DATA.

LEGEND

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LEGEND

- Design Profile
- 2003 Survey Profile
- - - 2015 Survey Profile
- 2018 Survey Profile



Revisions	Surveyed	Drawn	Checked	Passed	Date	
A	PRELIMINARY	DSQ	PJC	AJP	AJP	14.03.18



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 www.dsqsurvey.com ACN: 615 043 251
 WESTERN DOWNS

Signed _____
 Cadastral Surveyor/Director
 Date _____

Map Ref.: -	
Horiz. Datum MGA Z56	Vert. Datum AHD
Origin See Above	Origin PSM 50649 RL 2.326
Parish: MOOLOOLAH	County: CANNING
Locality: MINYAMA	
Local Government: SUNSHINE COAST R. C.	

SHEET 9 OF 15	Scale	A1 1:1000
File 13242 DTM-04 Sections.dwg	Date 14/03/18	
DRAWING NUMBER	REV.	
13242-DTM-04	A	

LAWS SECTIONS

GENERAL NOTES:

- MGA COORDINATES & AHD ELEVATIONS DERIVED FROM GPS SURVEY. HORIZONTAL & VERTICAL DATUM DERIVED FROM:
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E 512938.067, N 7046656.069, RL 2.326 AHD
PSM 99902 (Nicklin Way, MINYAMA)
E 511688.229, N 7046996.761, RL 5.355 AHD
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LEGEND

- Design Profile
- 2003 Survey Profile
- 2015 Survey Profile
- 2018 Survey Profile

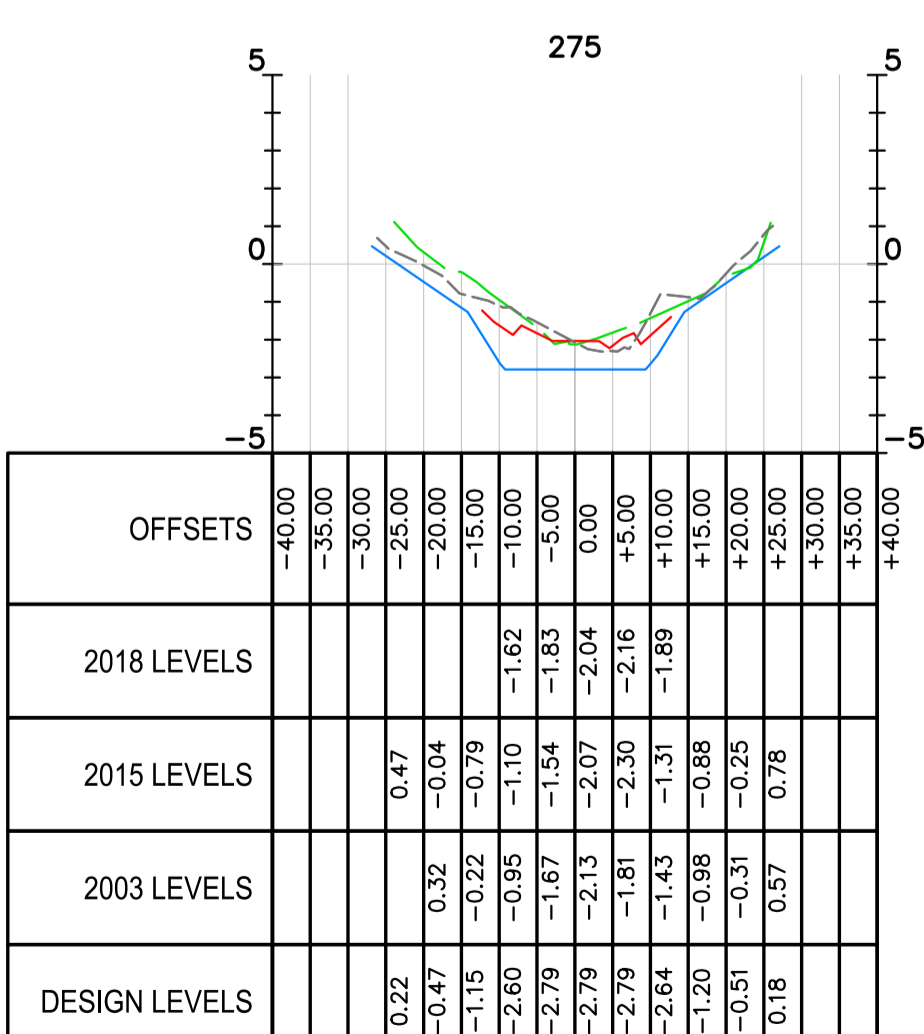
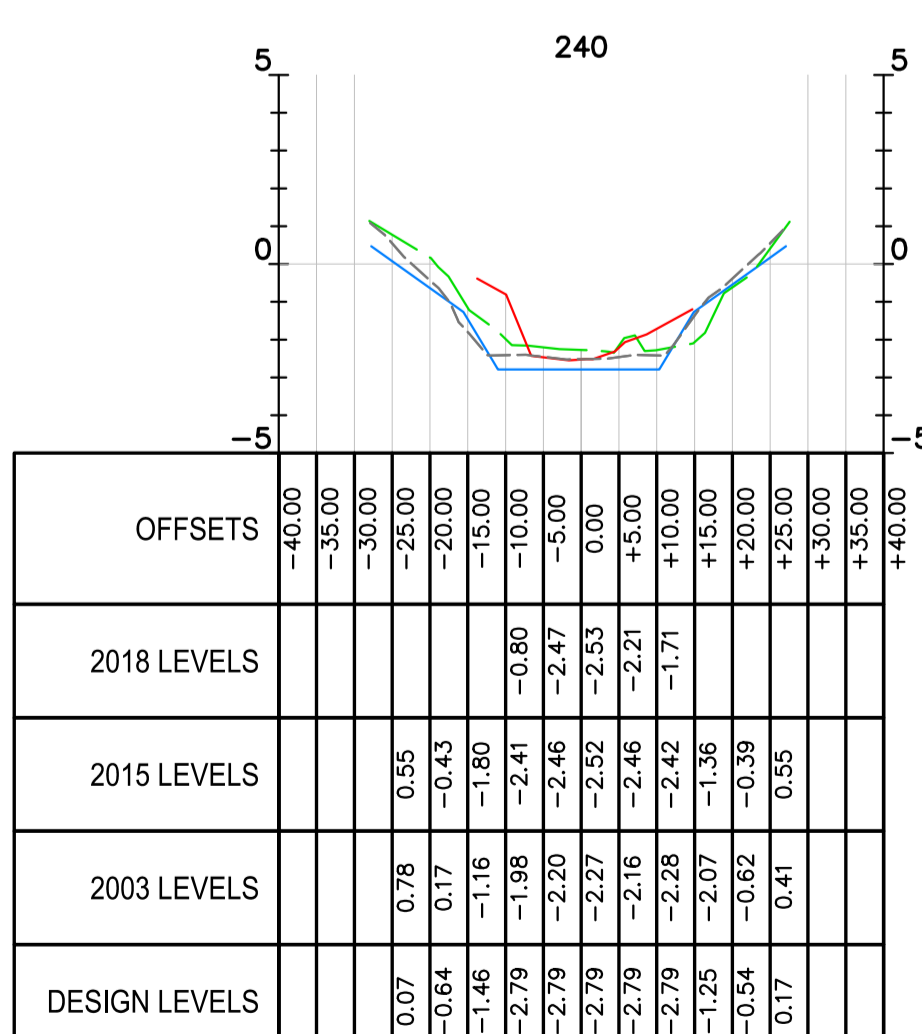
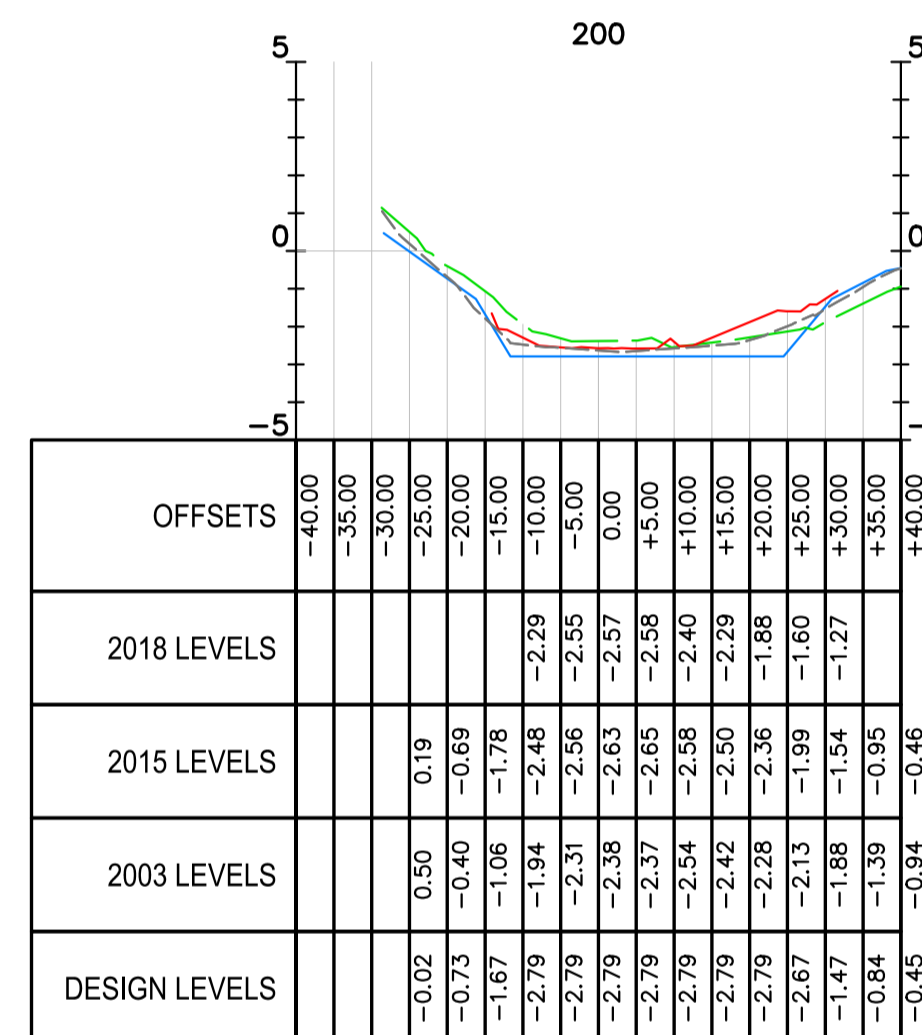
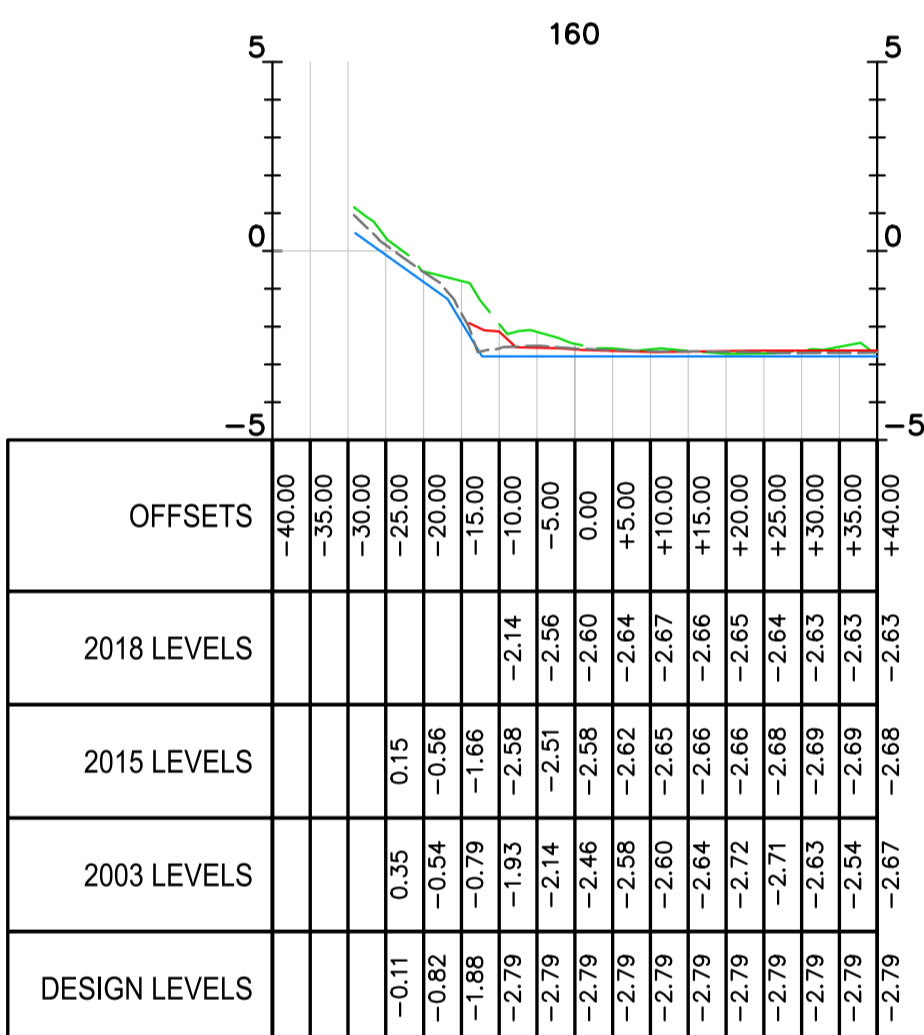
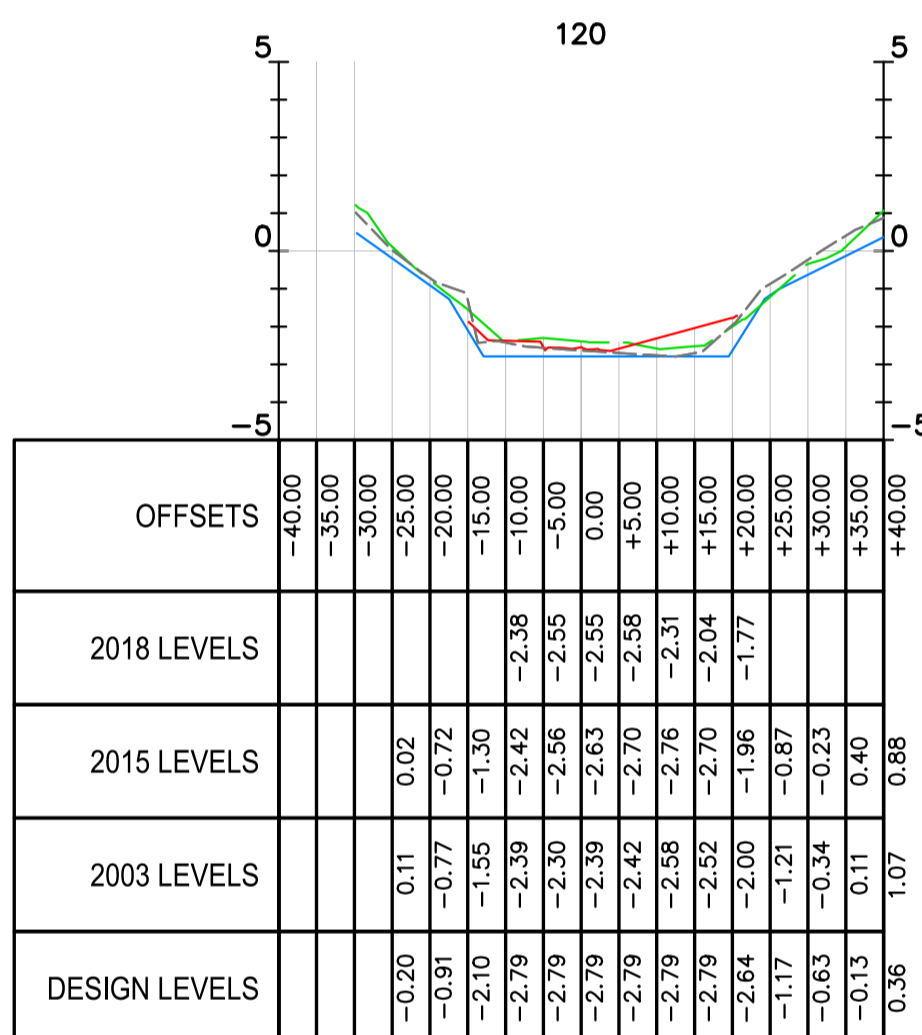
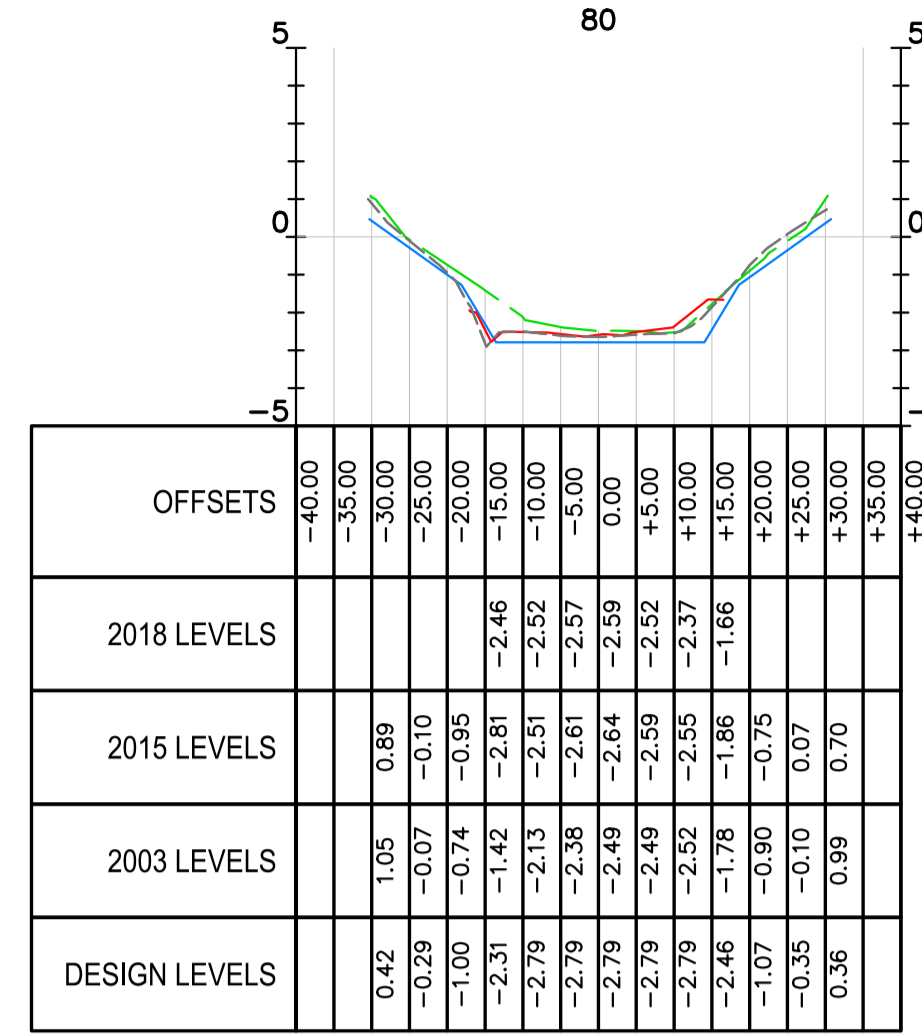
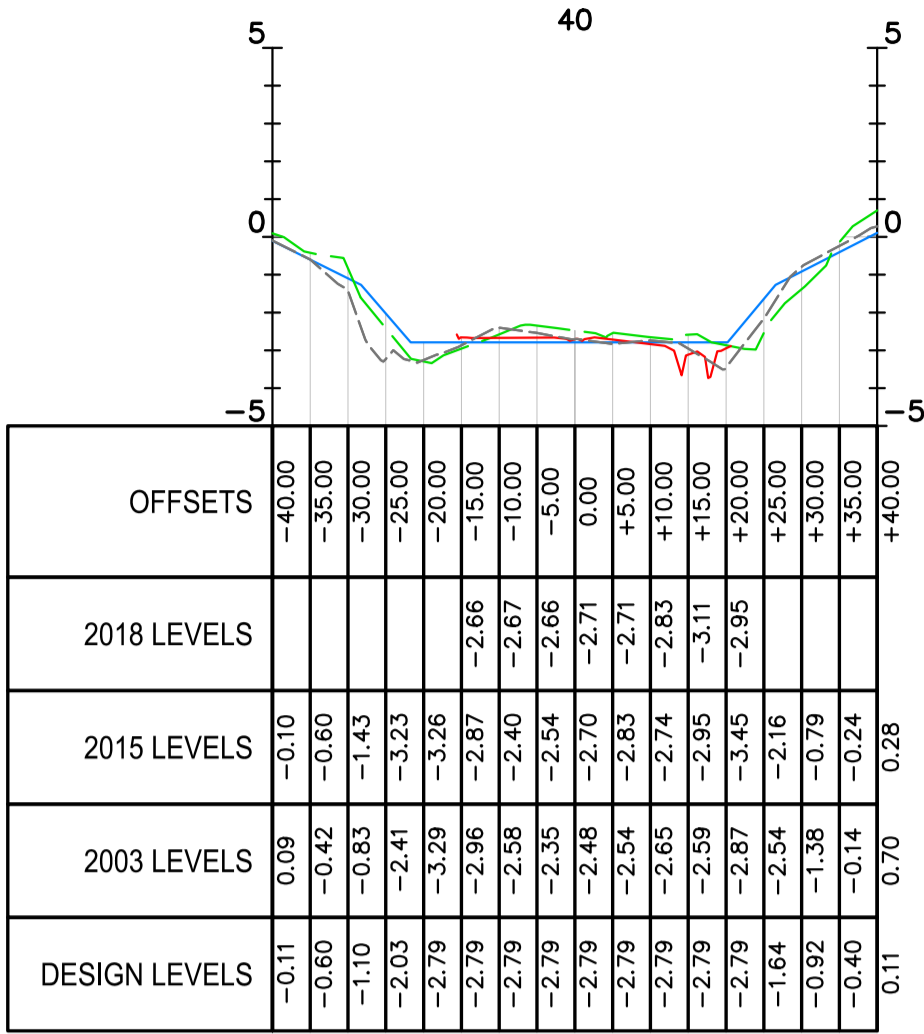
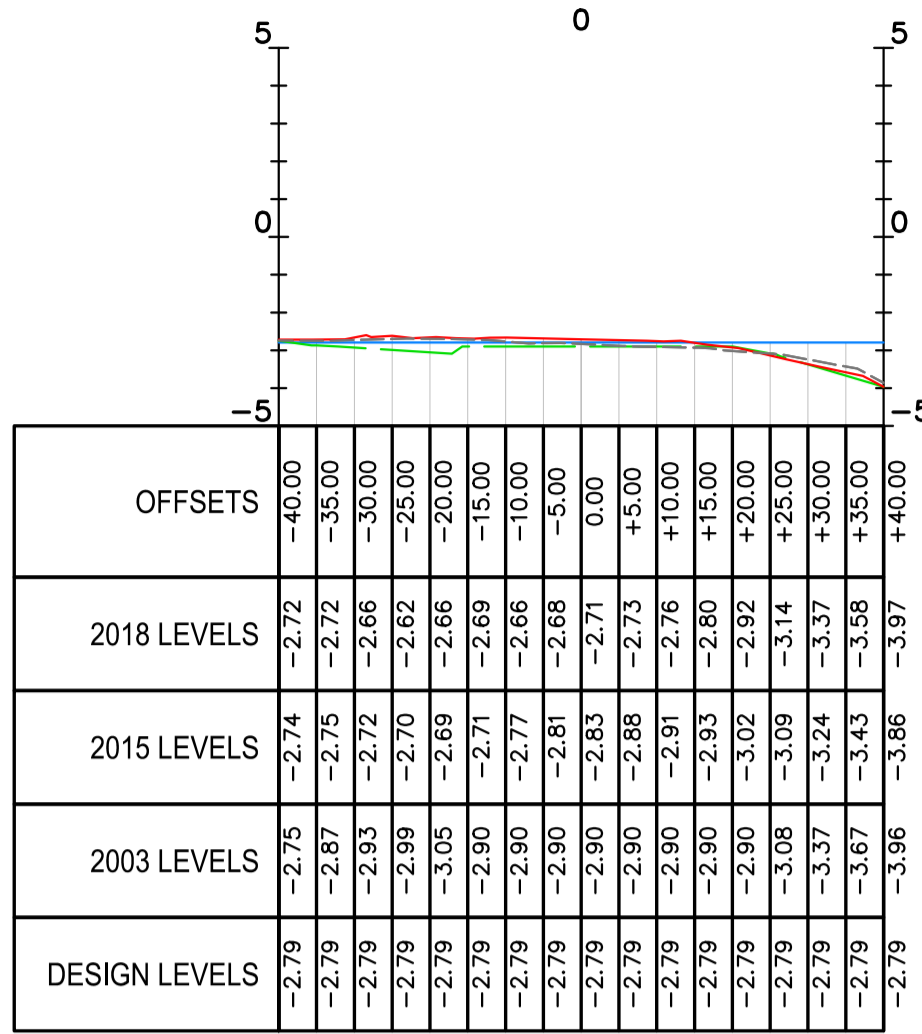
Revisions	Surveyed	Drawn	Checked	Passed	Date	
A	PRELIMINARY	DSQ	PJC	AJP	AJP	14.03.18



SUNSHINE COAST
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 mail@dsqsurvey.com ABN: 91 615 043 251
 www.dsqsurvey.com ACN: 615 043 251
 WESTERN DOWNS

Signed _____
 Cadastral Surveyor/Director
 Date _____

Map Ref.: -	
Horiz. Datum MGA Z56	Vert. Datum AHD
Origin See Above	Origin PSM 50649
	RL 2.326
Parish: MOOLOOLAH	County: CANNING
Locality: MINYAMA	
Local Government: SUNSHINE COAST R. C.	
SHEET 10 OF 15	Scale A1 1:1000
File 13242 DTM-04 Sections.dwg	Date 14/03/18
DRAWING NUMBER	REV.
13242-DTM-04	A



W:\ISO_Data\Jobs\Current\13242 SCRC (Minyama Canal)\Data Survey\Drafting\DTM\13242 DTM-04 Sections.dwg

LOCH SECTIONS

GENERAL NOTES:

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PSM 50649 (Point Cartwright Drive, BUDDINA)
E 512938.067, N 7046656.069, RL 2.326 AHD
PSM 99902 (Nicklin Way, MINYAMA)
E 511688.229, N 7046996.761, RL 5.355 AHD
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LEGEND

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LEGEND

- Design Profile
- 2003 Survey Profile
- 2015 Survey Profile
- 2018 Survey Profile

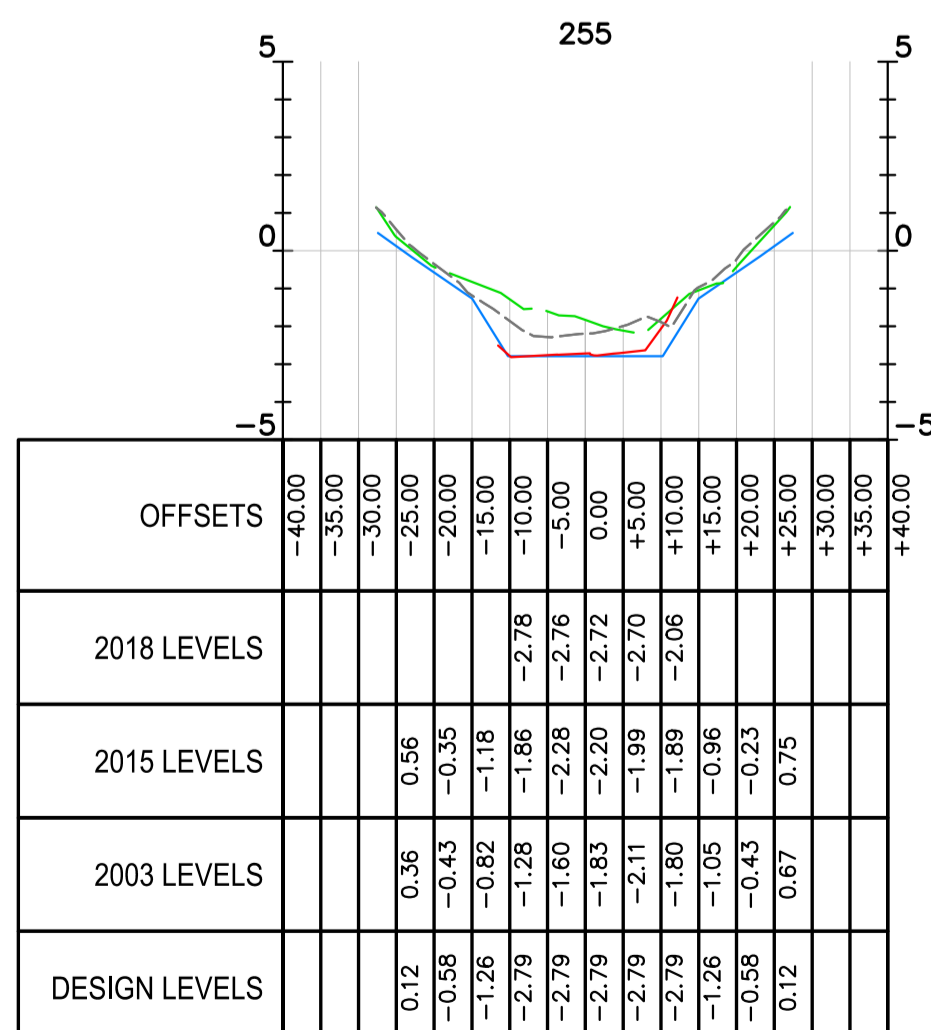
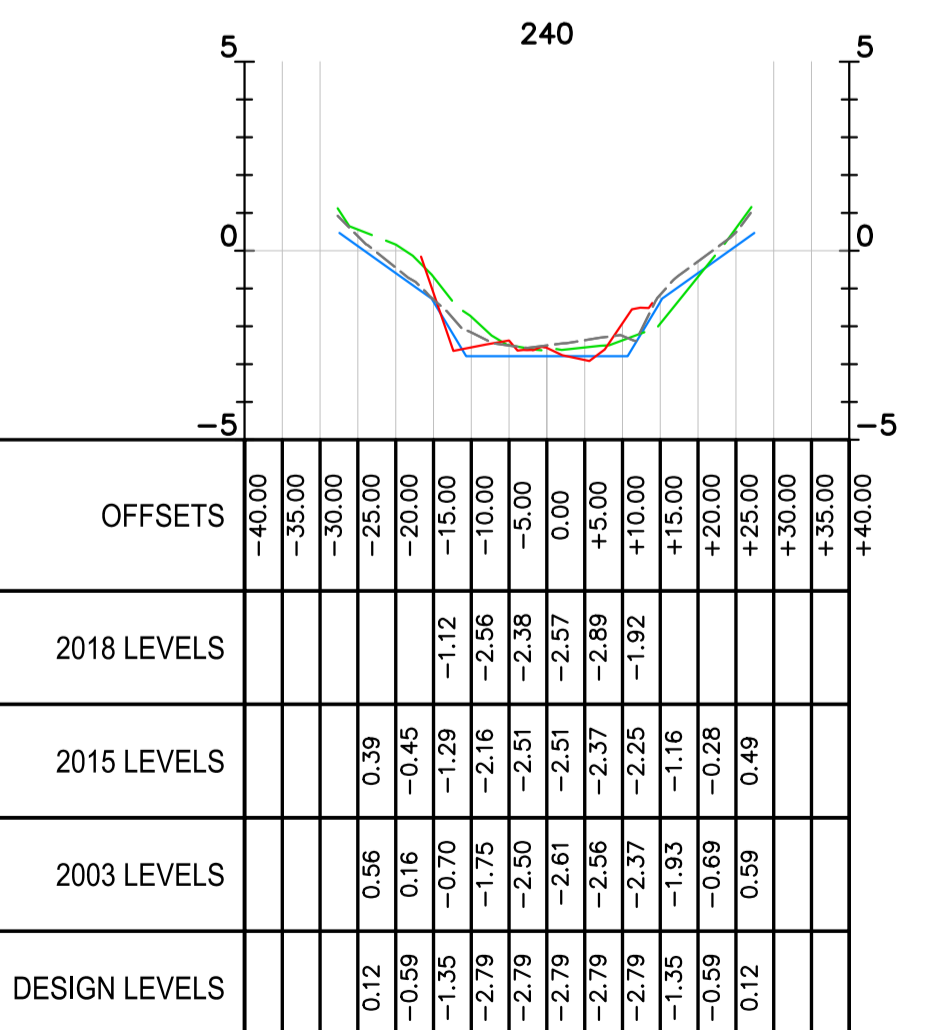
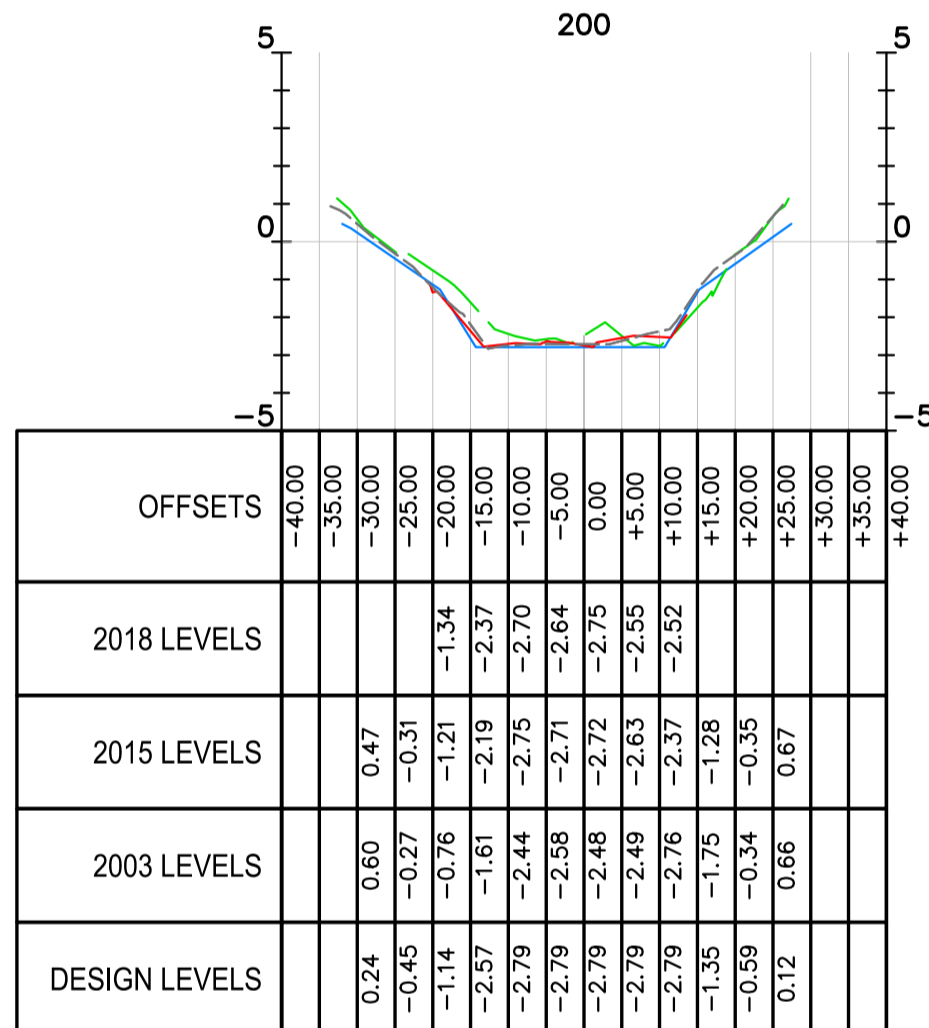
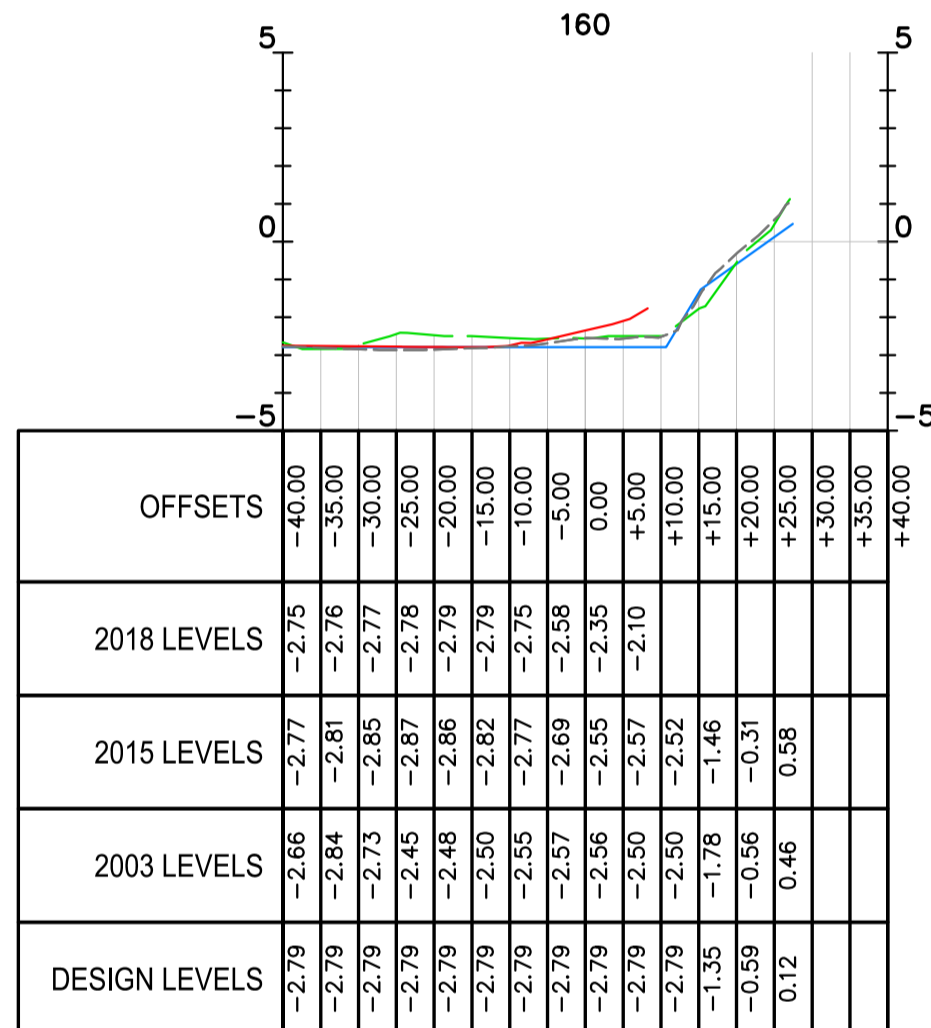
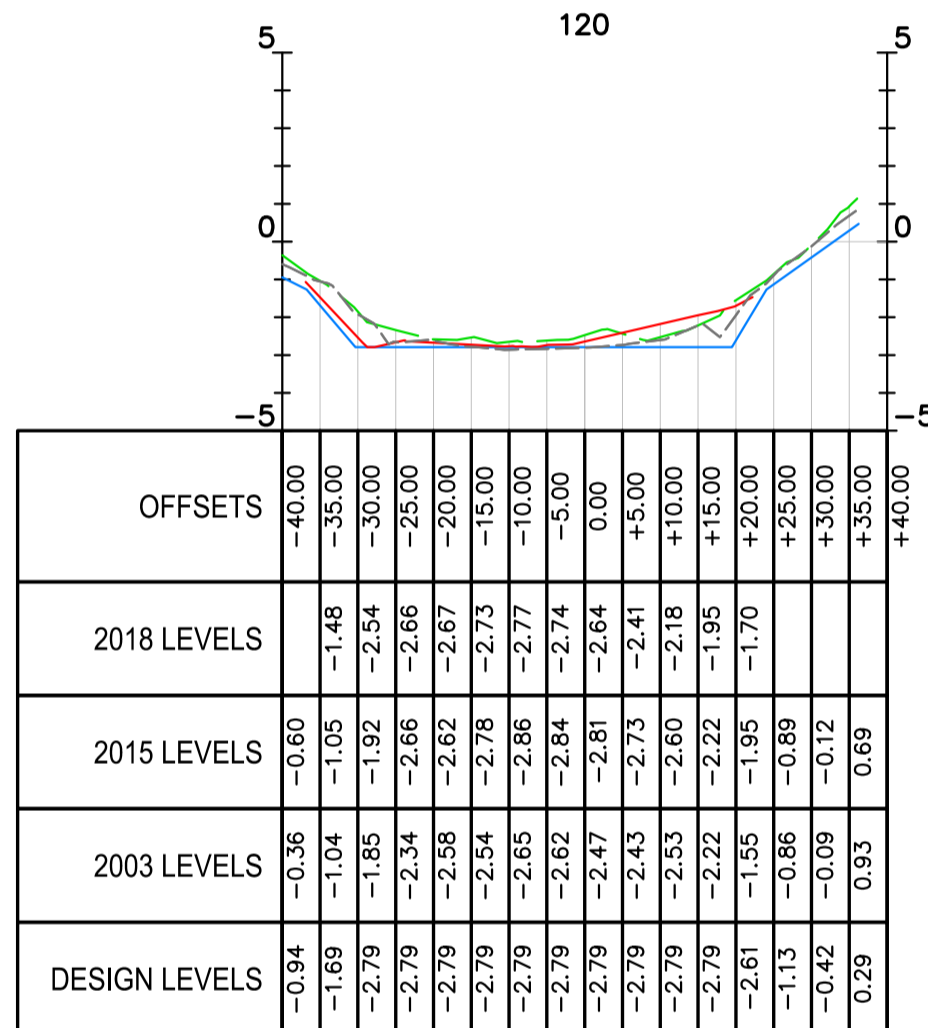
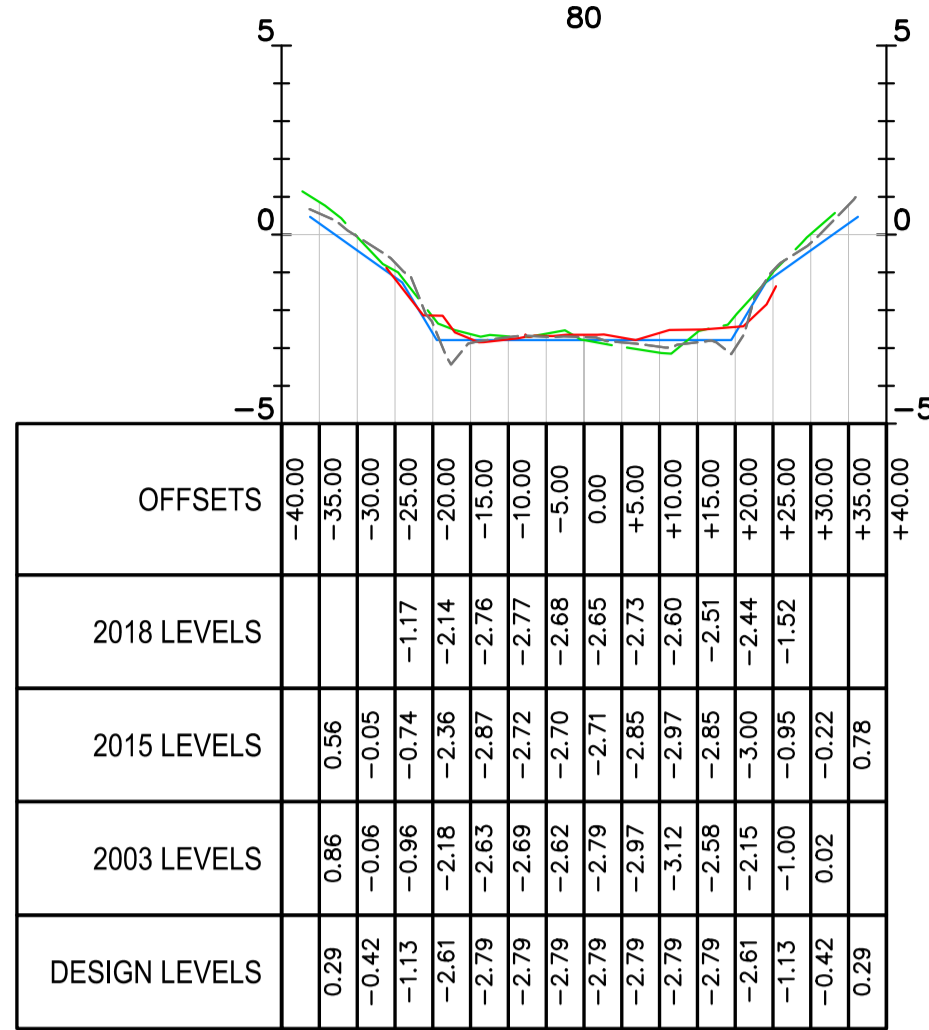
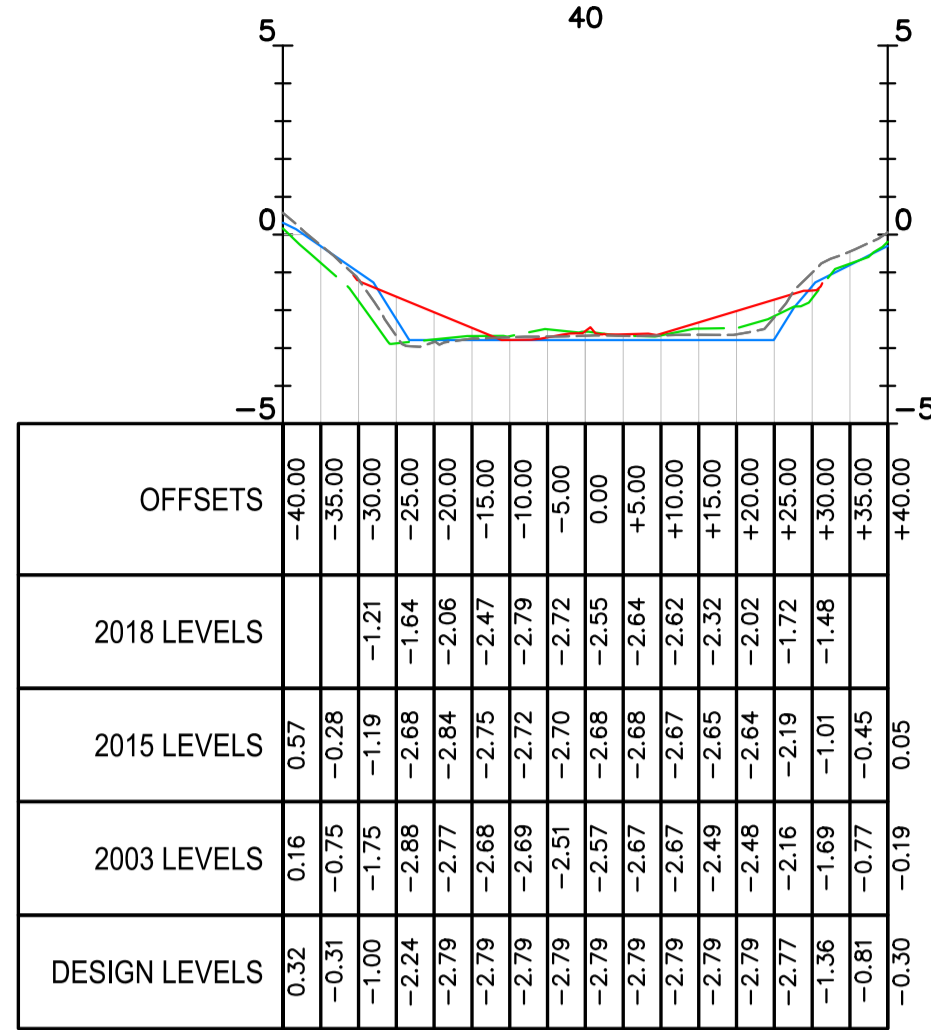
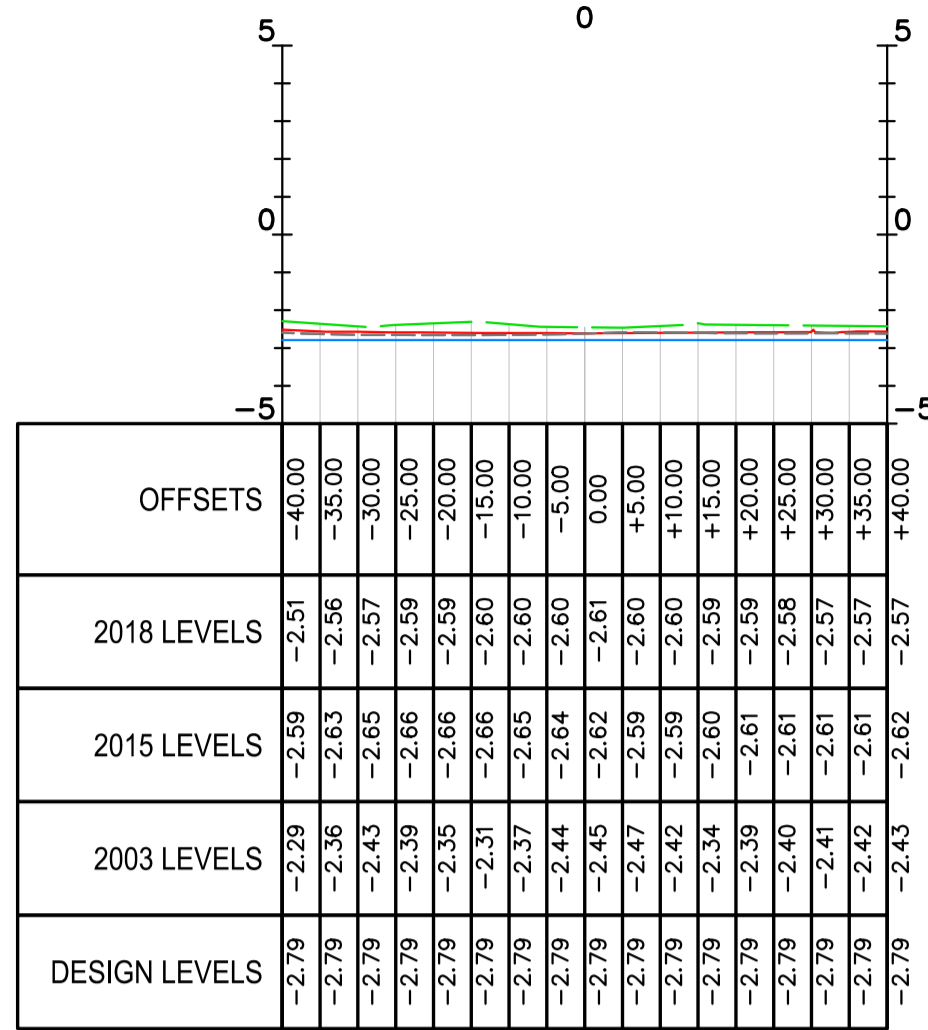
Revisions	Surveyed	Drawn	Checked	Passed	Date	
A	PRELIMINARY	DSQ	PJC	AJP	AJP	14.03.18



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 WESTERN DOWNS

Signed _____
 Cadastral Surveyor/Director
 Date _____

Map Ref.: -	
Horiz. Datum MGA Z56	Vert. Datum AHD
Origin See Above	Origin PSM 50649 RL 2.326
Parish: MOOLOOLAH	County: CANNING
Locality: MINYAMA	
Local Government: SUNSHINE COAST R. C.	
SHEET 11 OF 15	Scale A1 1:1000
File 13242 DTM-04 Sections.dwg	Date 14/03/18
DRAWING NUMBER	REV.
13242-DTM-04	A



SCRC

JESSICA HAVEN 1 SECTIONS

GENERAL NOTES:

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LEGEND

- Design Profile
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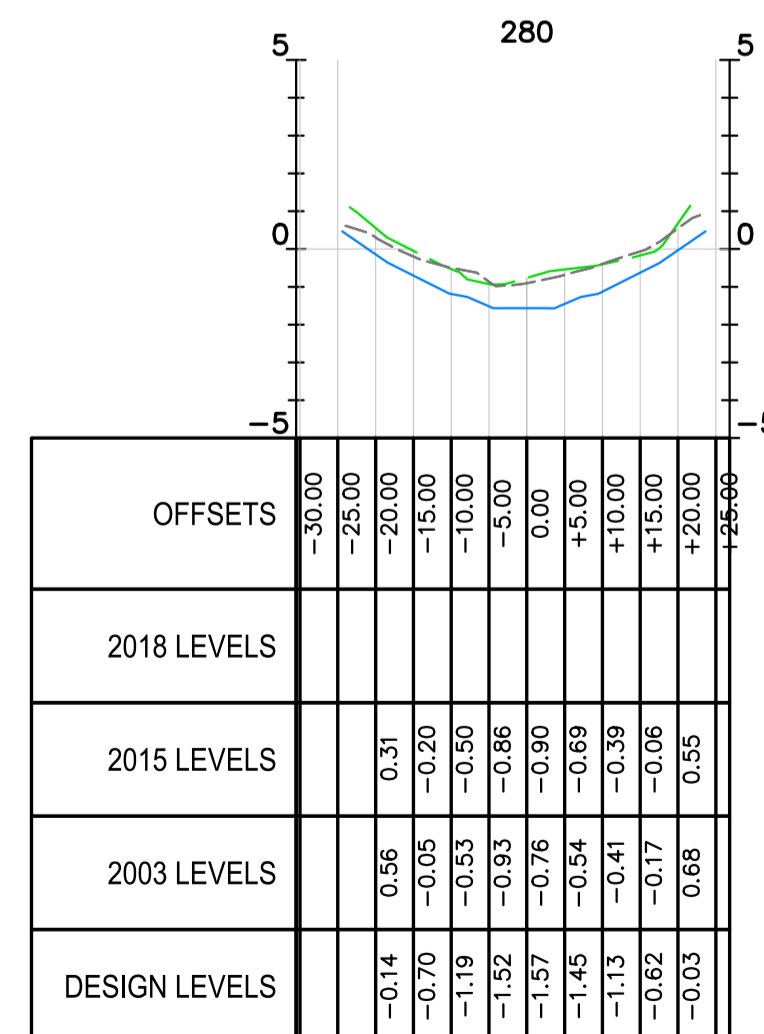
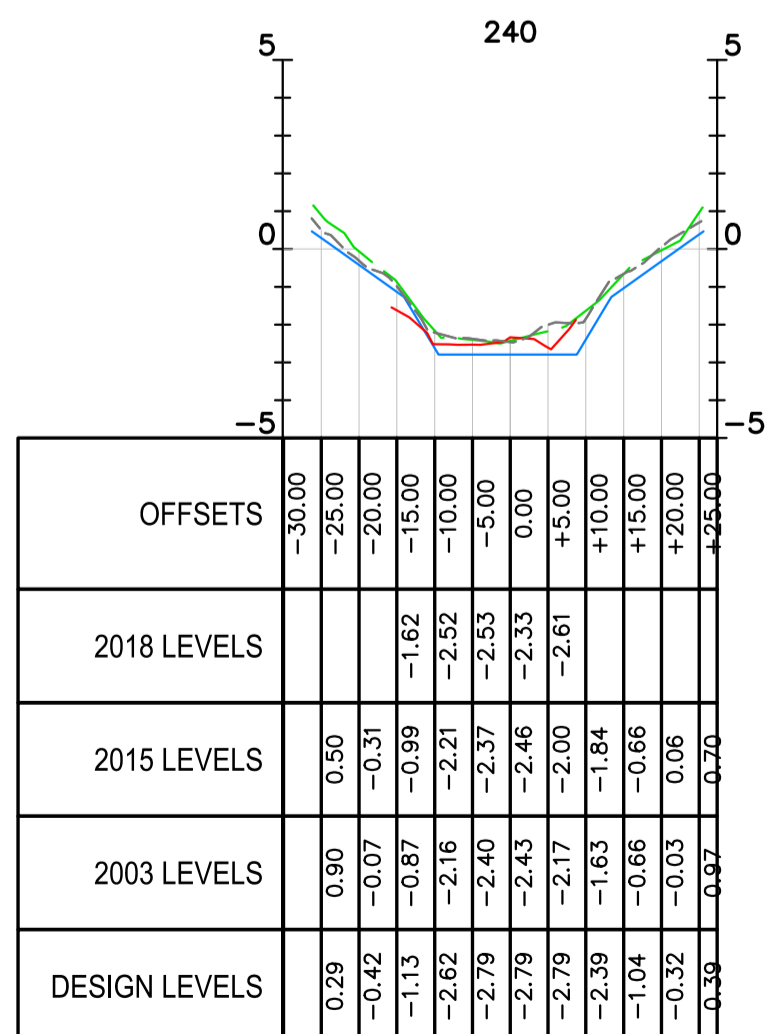
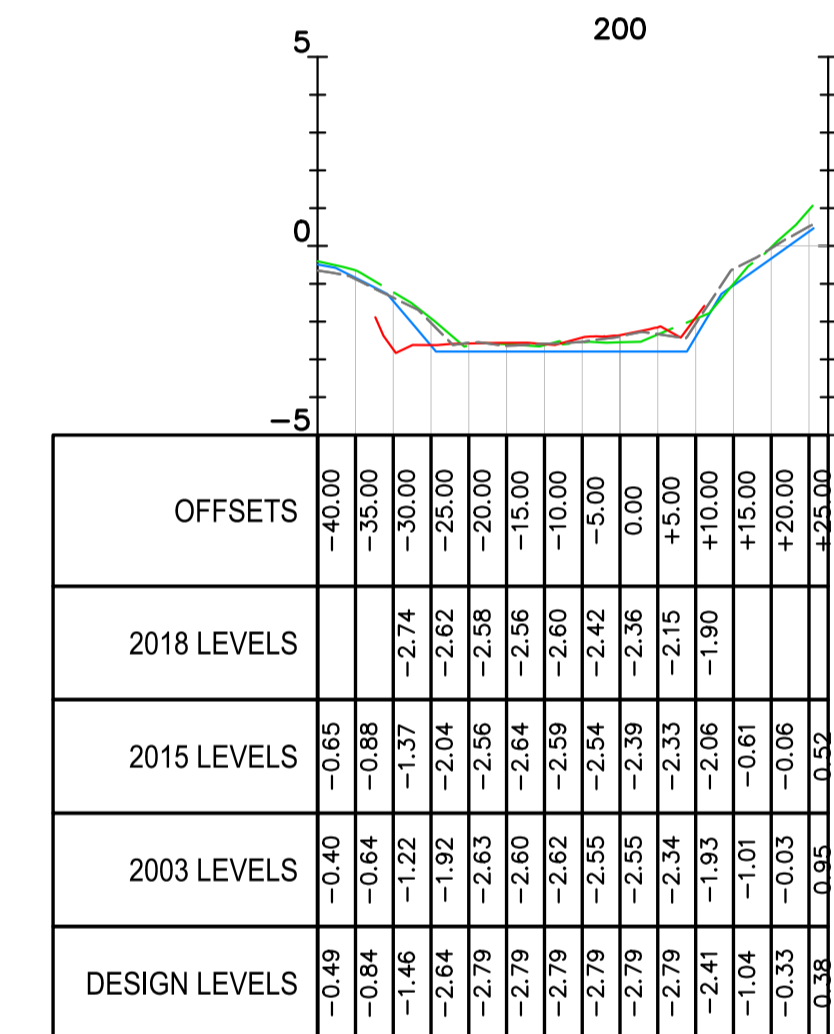
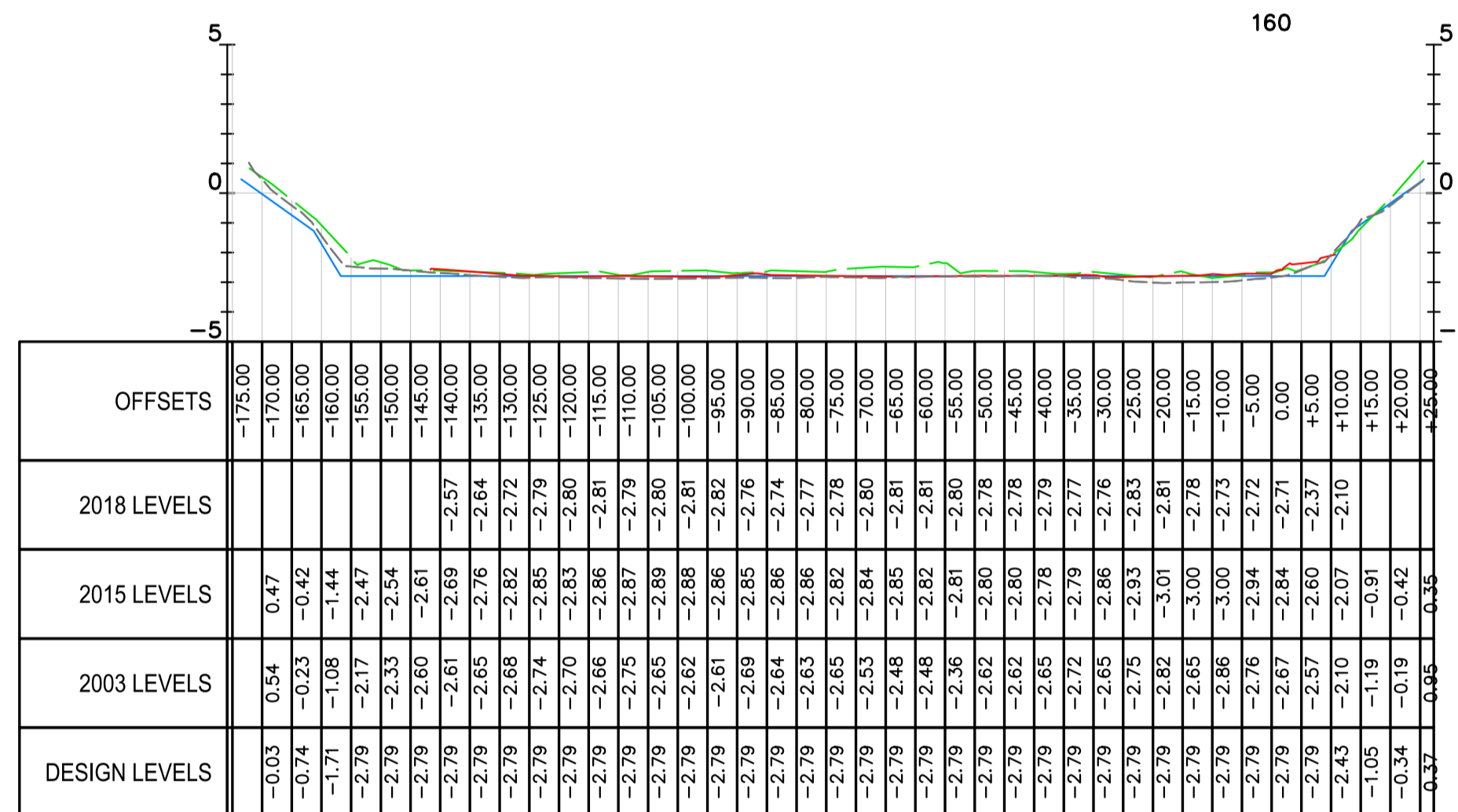
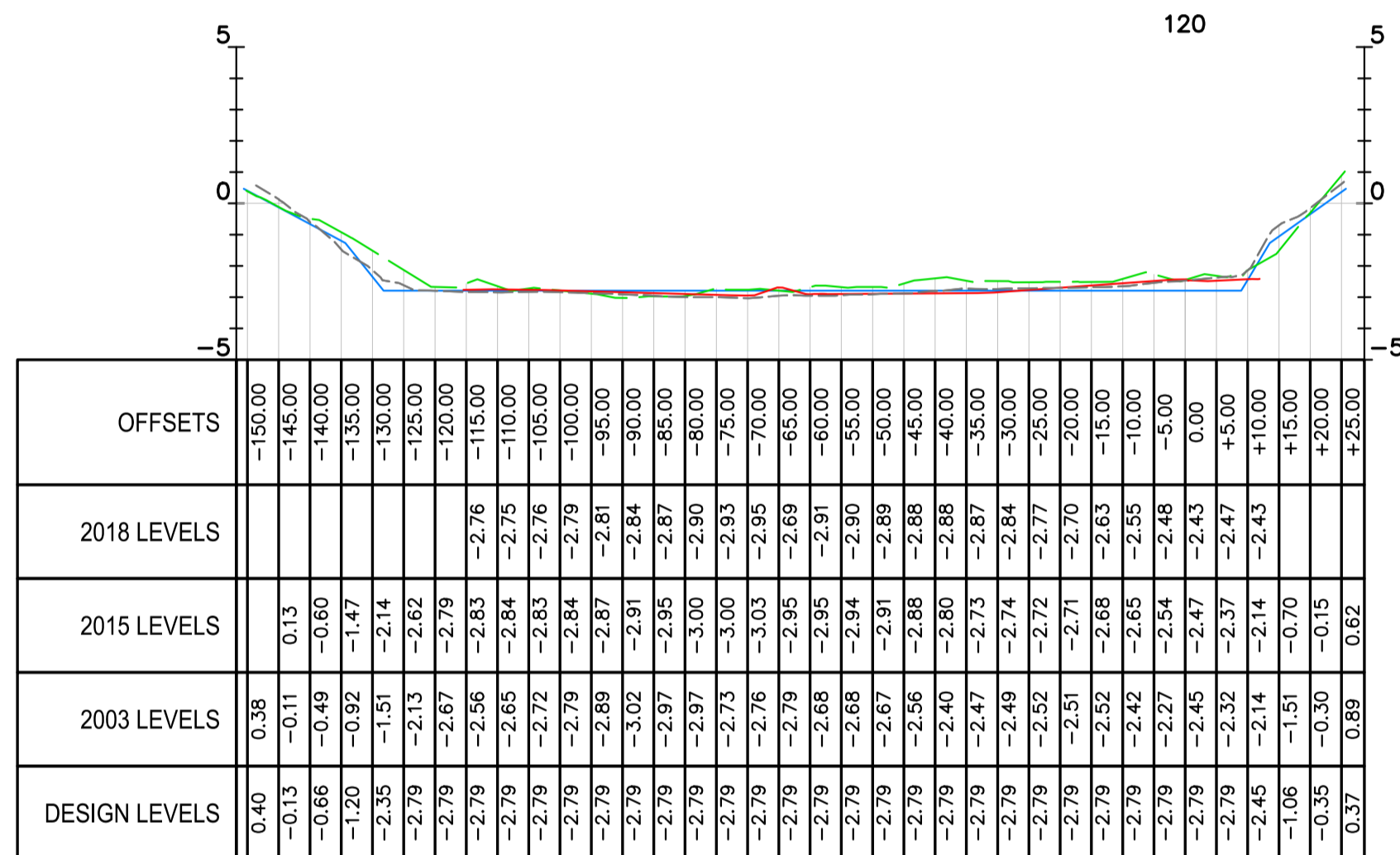
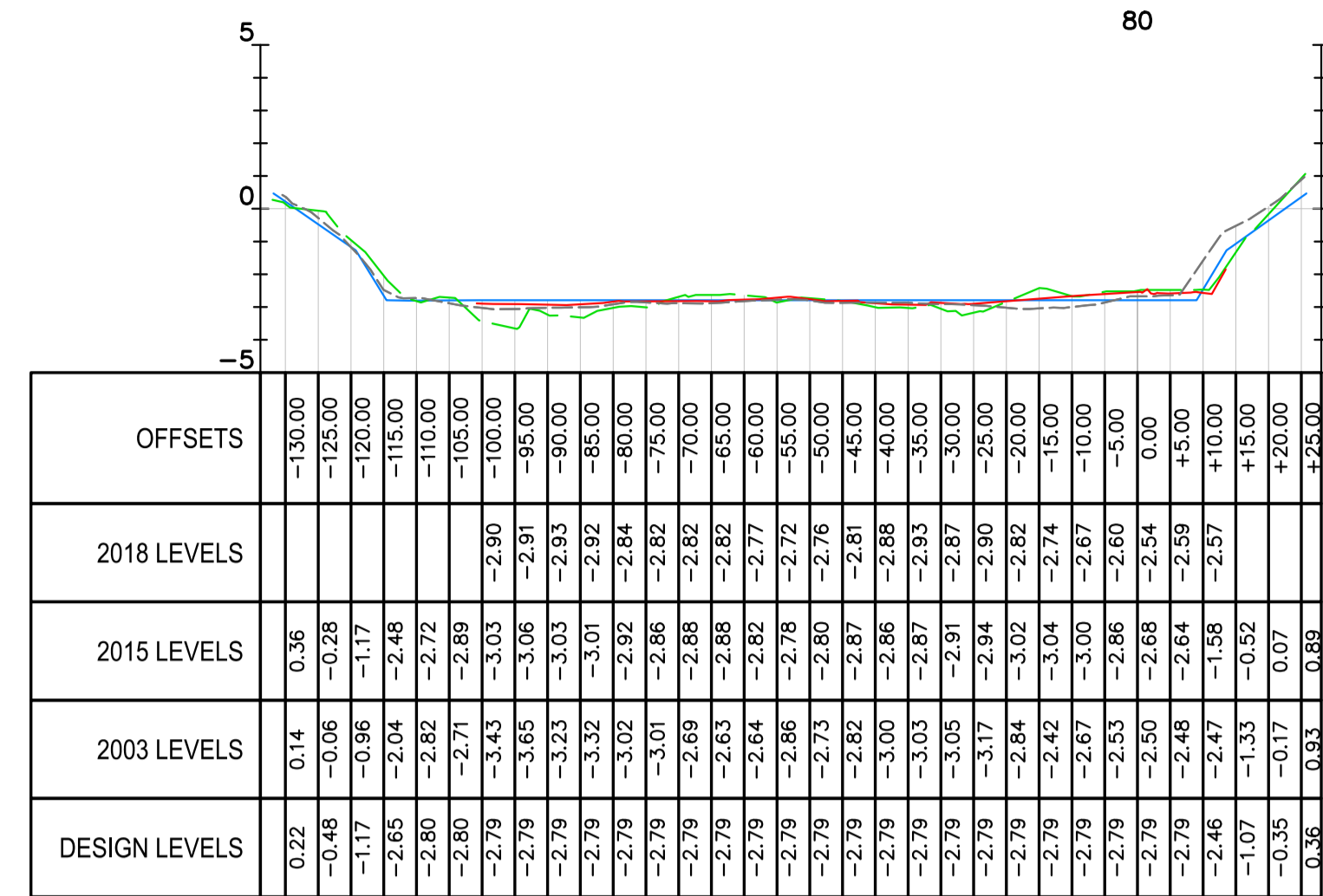
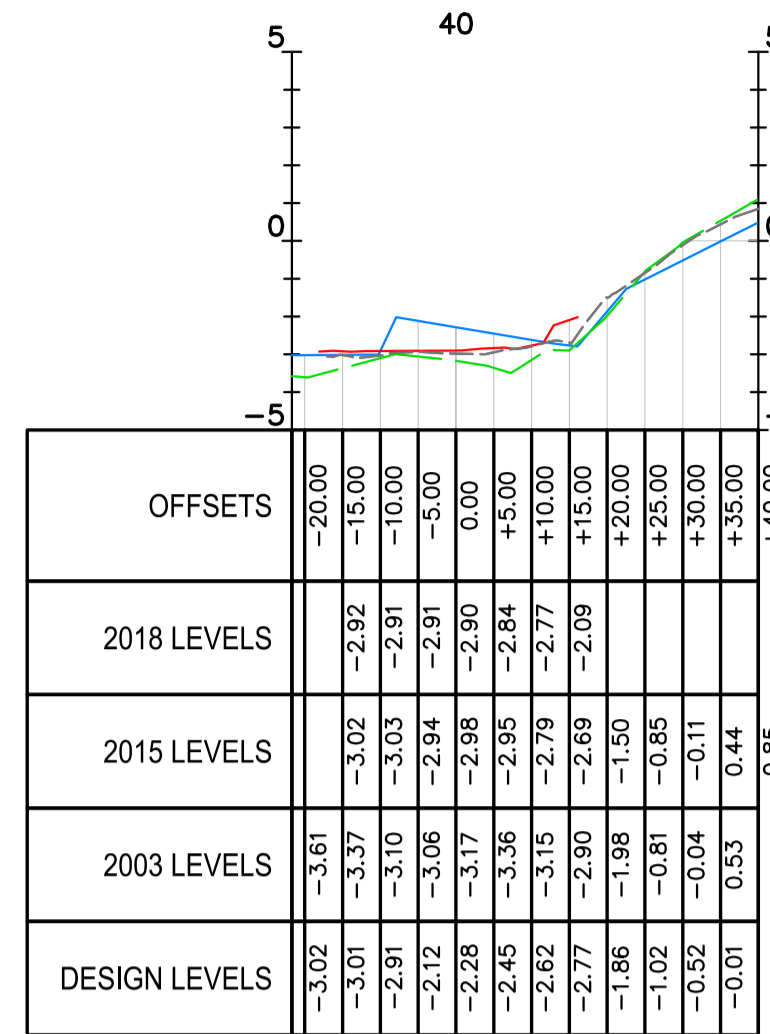
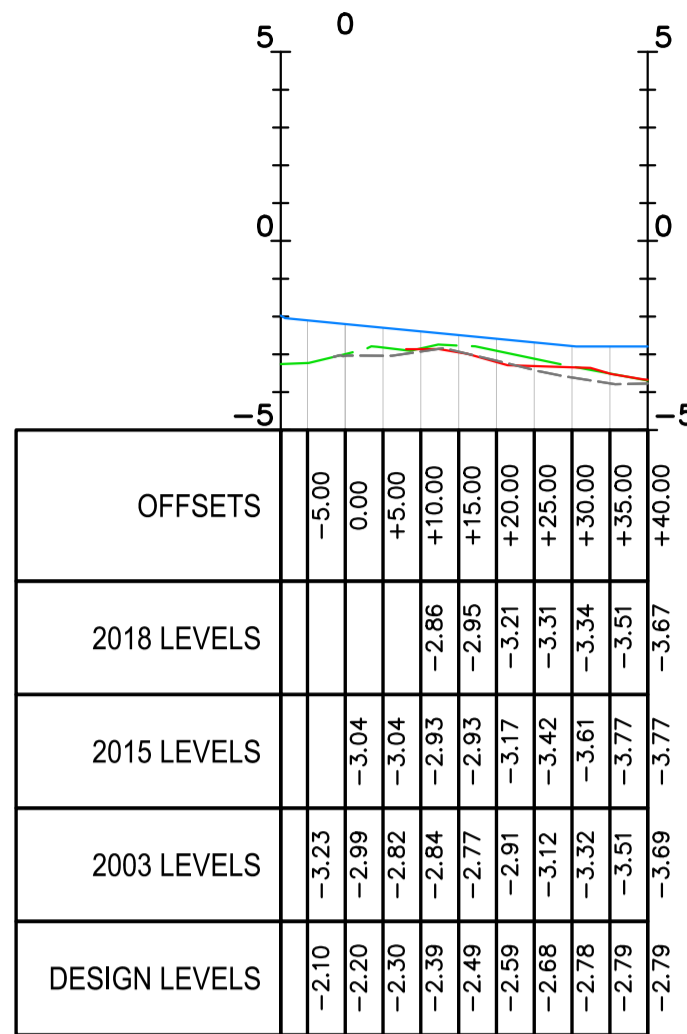
Revisions	Surveyed	Drawn	Checked	Passed	Date	
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Map Ref.: -	
Horiz. Datum MGA Z56	Vert. Datum AHD
Origin See Above	Origin PSM 50649 RL 2.326
Parish: MOOLOOLAH	County: CANNING
Locality: MINYAMA	
Local Government: SUNSHINE COAST R. C.	
SHEET 12 OF 15	Scale A1 1:1000
File 13242 DTM-04 Sections.dwg	Date 14/03/18
DRAWING NUMBER	REV.
13242-DTM-04	A



SCRC

JESSICA HAVEN 2 SECTIONS

GENERAL NOTES:

- MGA COORDINATES & AHD ELEVATIONS DERIVED FROM GPS SURVEY.
HORIZONTAL & VERTICAL DATUM DERIVED FROM:

PSM 50649 (Point Cartwright Drive, BUDDINA)
E 512938.067, N 7046656.069, RL 2.326 AHD

PSM 99902 (Nicklin Way, MINYAMA)
E 511688.229, N 7046996.761, RL 5.355 AHD
- BOUNDARIES HAVE NOT BEEN SURVEYED OR REINSTATED
- BOUNDARIES SHOWN ARE COMPILED FROM DCDB DATA.

LEGEND

- HORIZONTAL & VERTICAL POSITIONING HAS BEEN DERIVED VIA RTK GPS AND CEEDUCER PRO DIGITAL ECHO SOUNDER (200 KHZ TRANSDUCER).
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LEGEND

- Design Profile
- 2003 Survey Profile
- 2015 Survey Profile
- 2018 Survey Profile

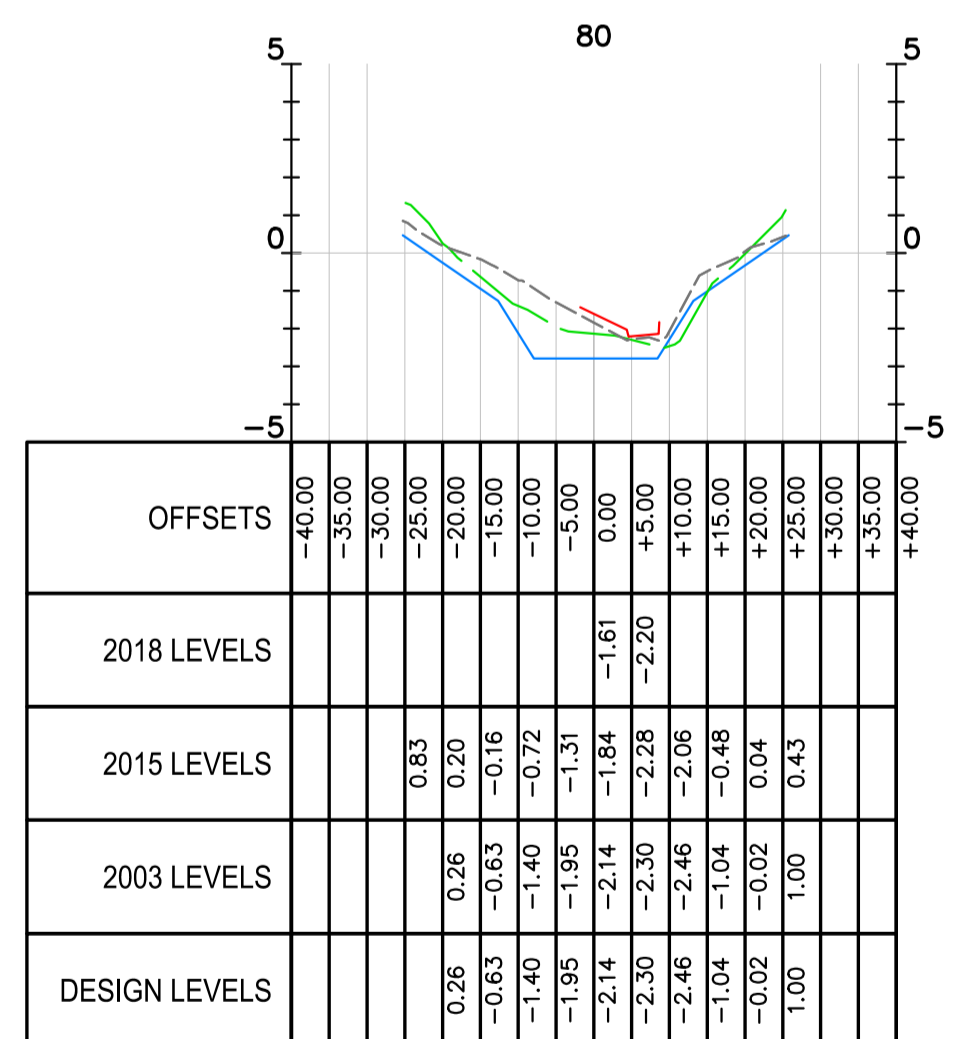
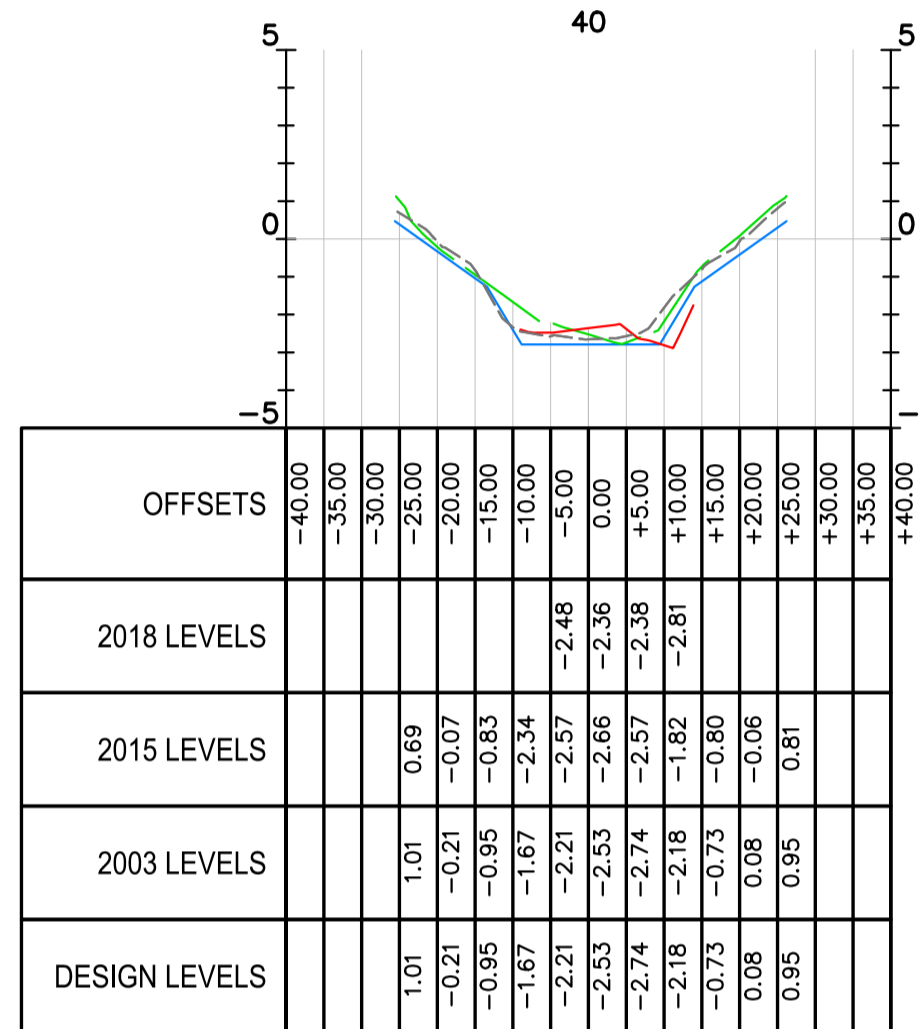
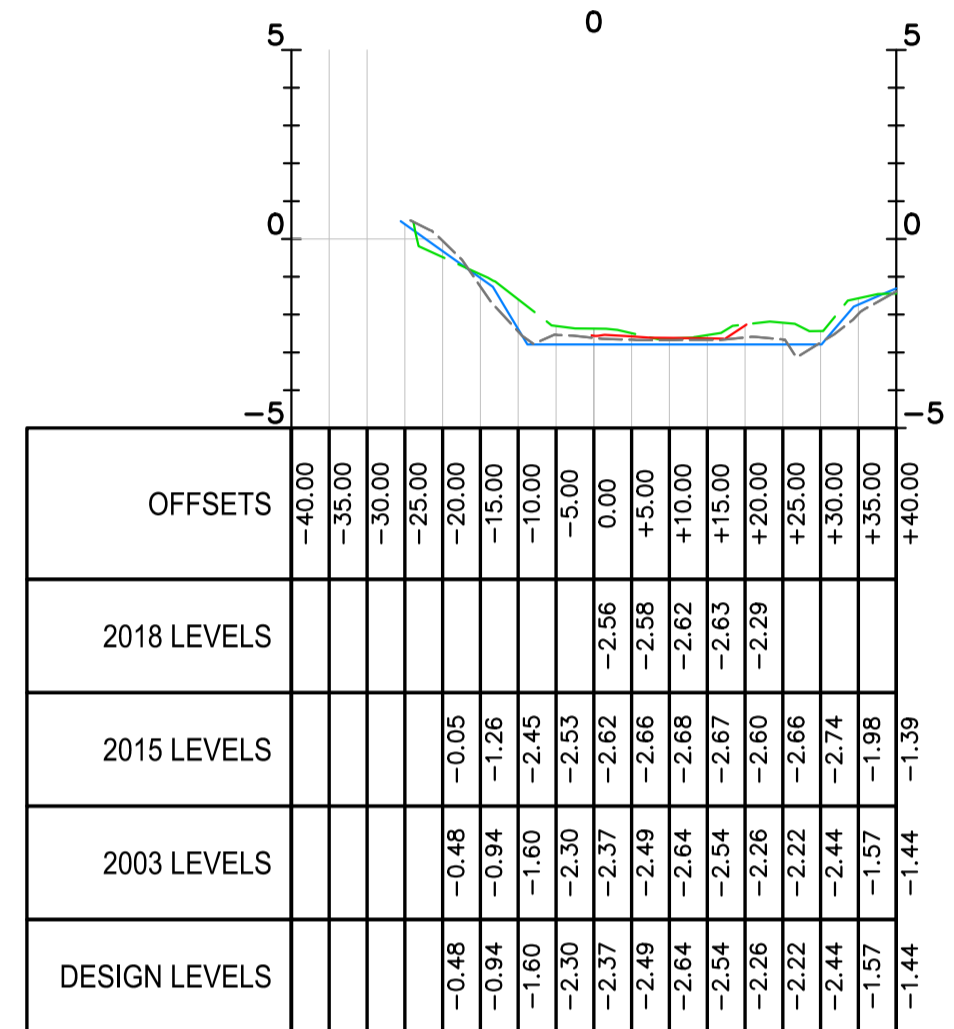
Revisions	Surveyed	Drawn	Checked	Passed	Date	
A	PRELIMINARY	DSQ	PJC	AJP	AJP	14.03.18



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 mail@dsqsurvey.com ABN: 91 615 043 251
 www.dsqsurvey.com ACN: 615 043 251
WESTERN DOWNS

Signed _____
 Cadastral Surveyor/Director
 Date _____

Map Ref.: -	
Horiz. Datum MGA Z56	Vert. Datum AHD
Origin See Above	Origin PSM 50649 RL 2.326
Parish: MOOLOOLAH	County: CANNING
Locality: MINYAMA	
Local Government: SUNSHINE COAST R. C.	
SHEET 13 OF 15	Scale A1 1:1000
File 13242_DTM-04_Sections.dwg	Date 14/03/18
DRAWING NUMBER	REV.
13242-DTM-04	A



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SCRC

PARINGA, BARRALONG & TARCOOLA SECTIONS

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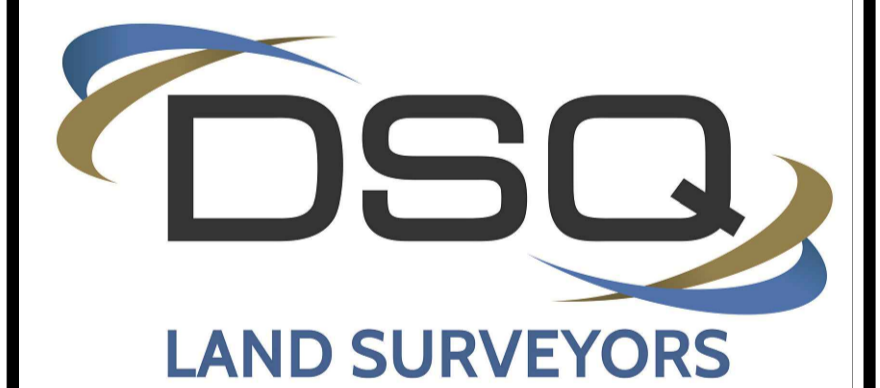
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Revisions	Surveyed	Drawn	Checked	Passed	Date	
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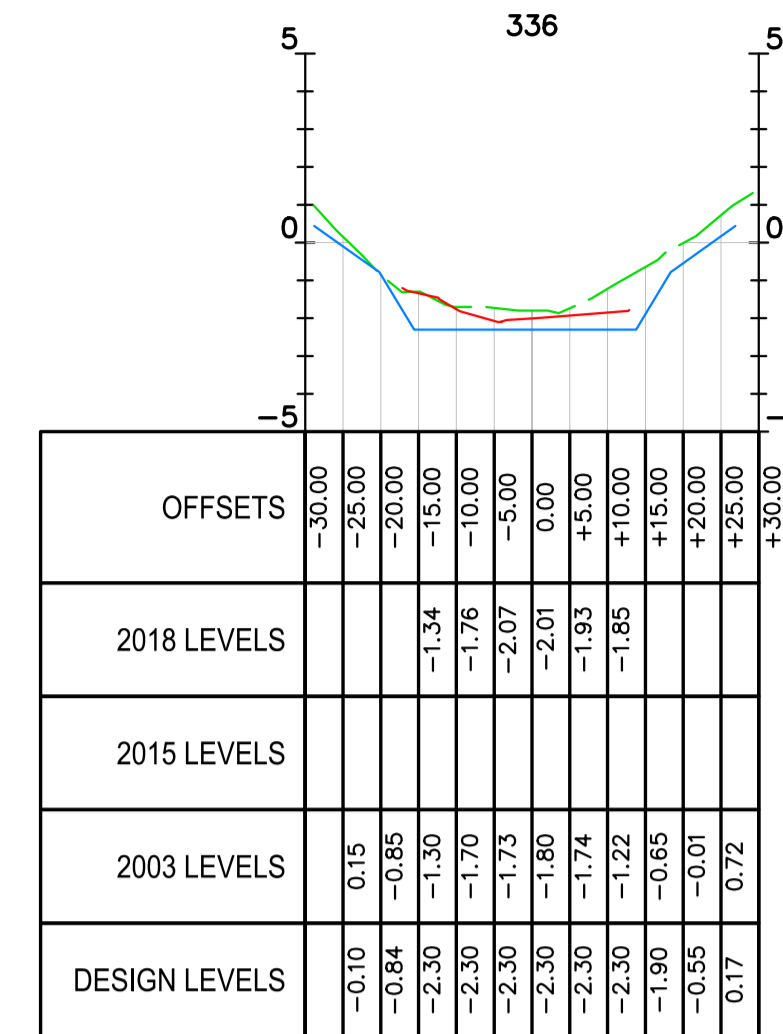
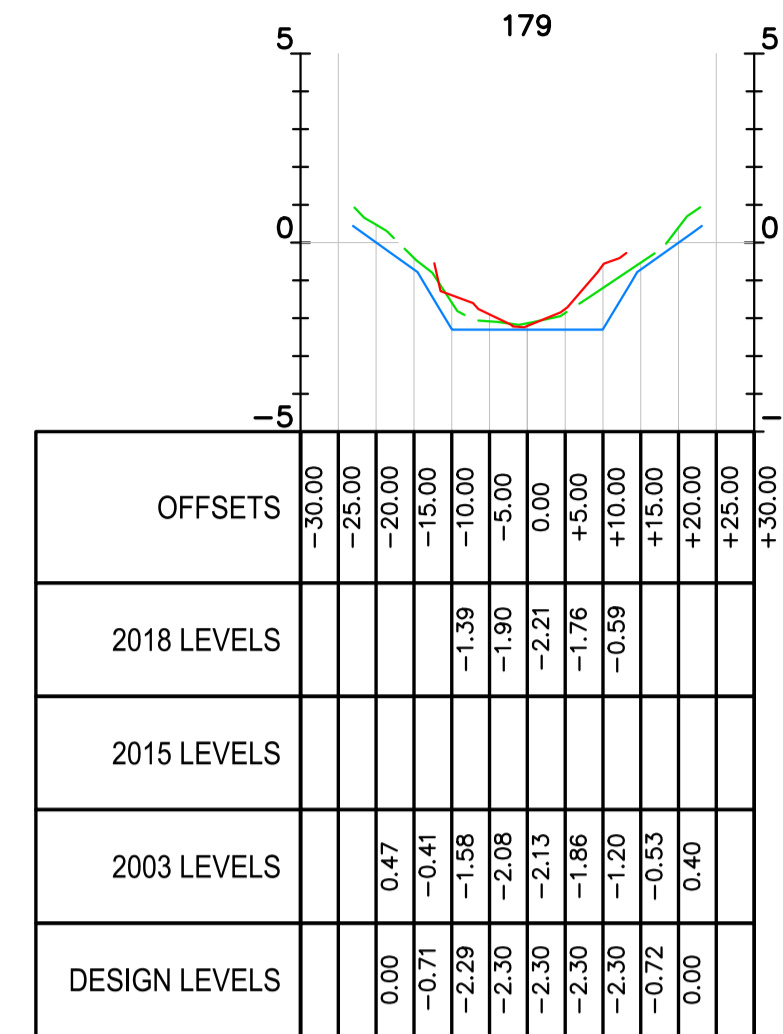
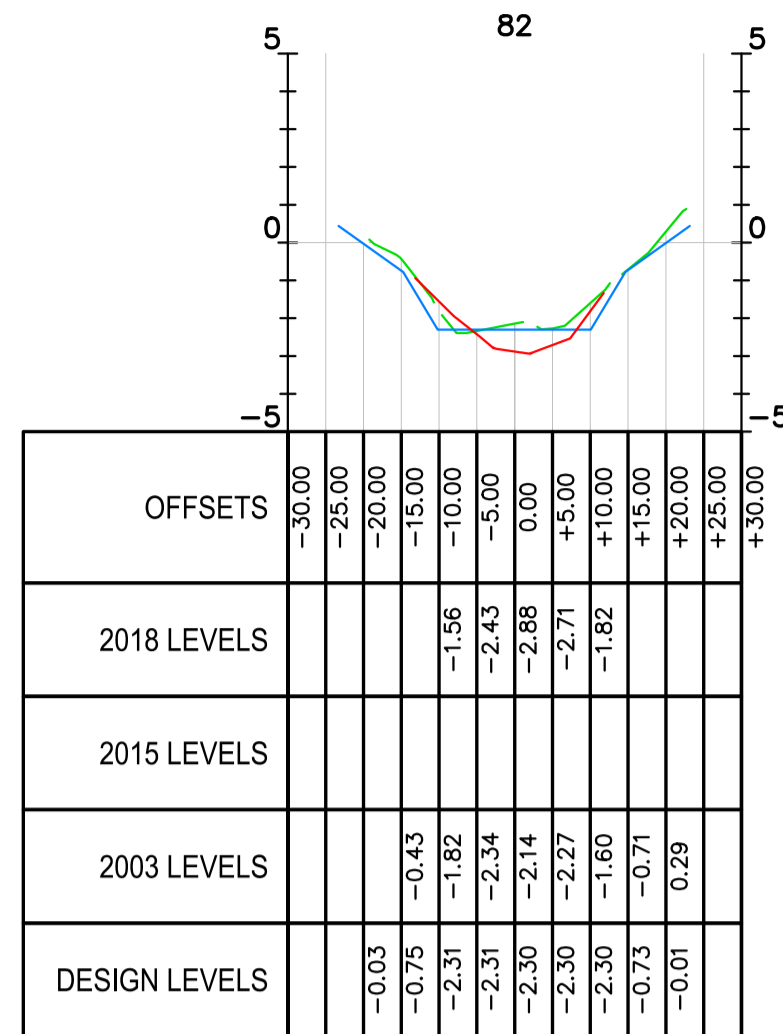
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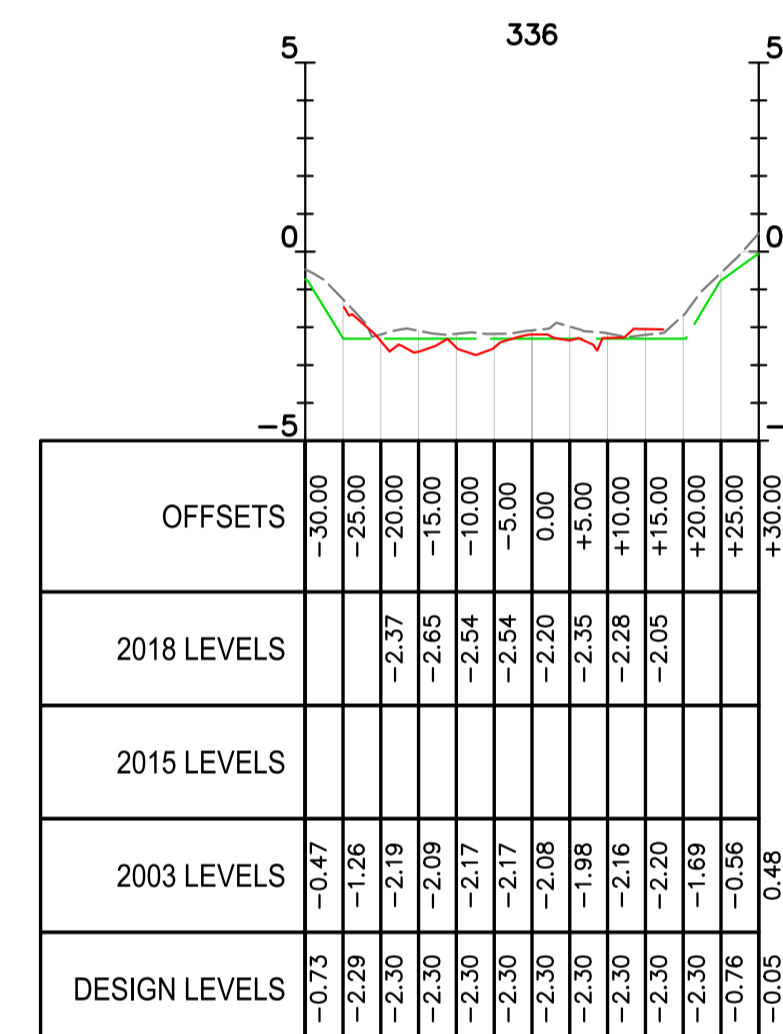
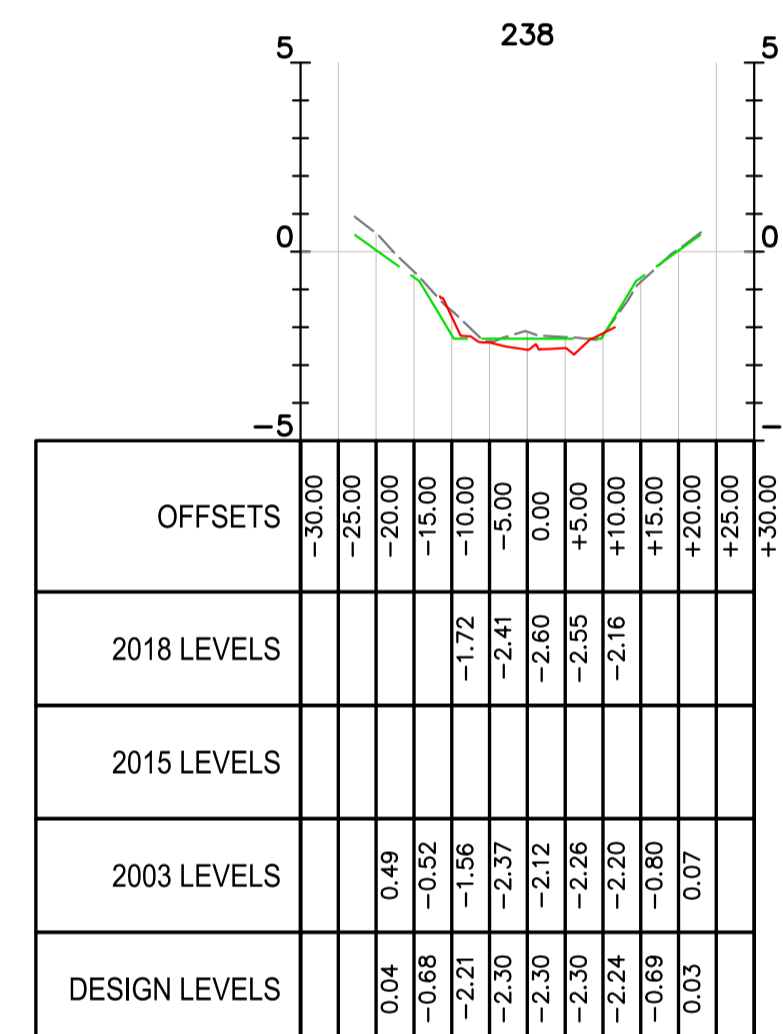
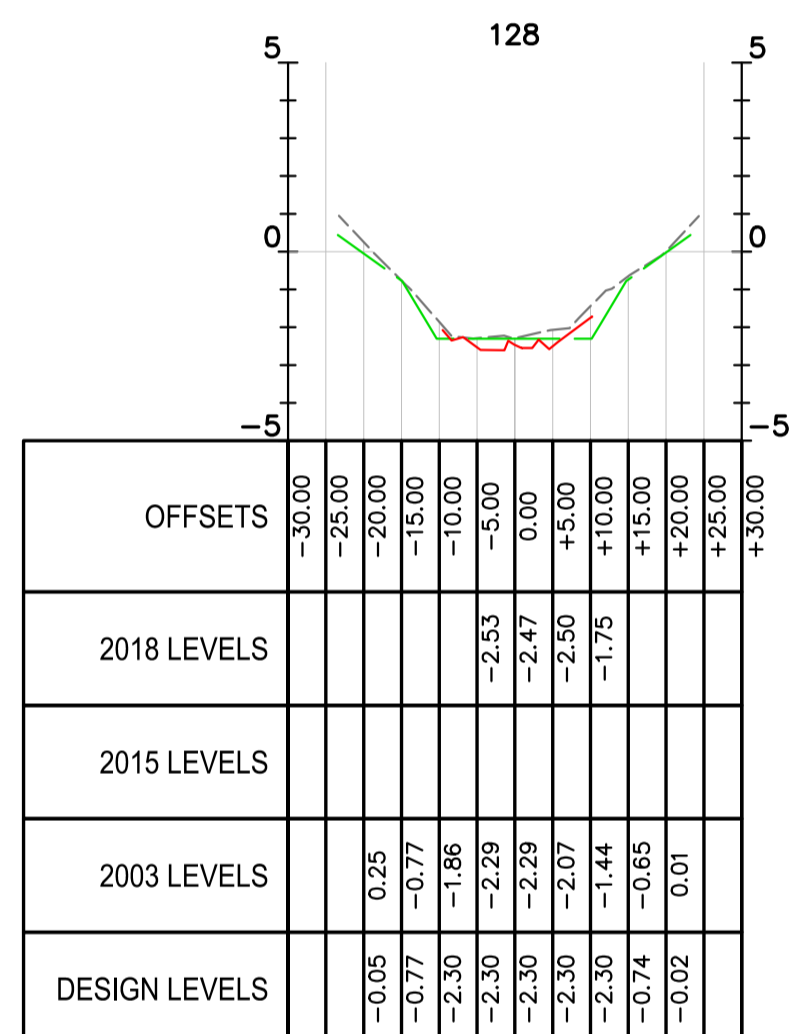
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 Horiz. Datum MGA Z56 Vert. Datum AHD
 Origin See Above Origin PSM 50649
 RL 2.326
 Parish: MOOLOOLAH County: CANNING
 Locality: MINYAMA
 Local Government: SUNSHINE COAST R. C.

SHEET 14 OF 15 Scale **A1 1:1000**
 File 13242 DTM-04 Sections.dwg Date 14/03/18
 DRAWING NUMBER **13242-DTM-04** REV. **A**

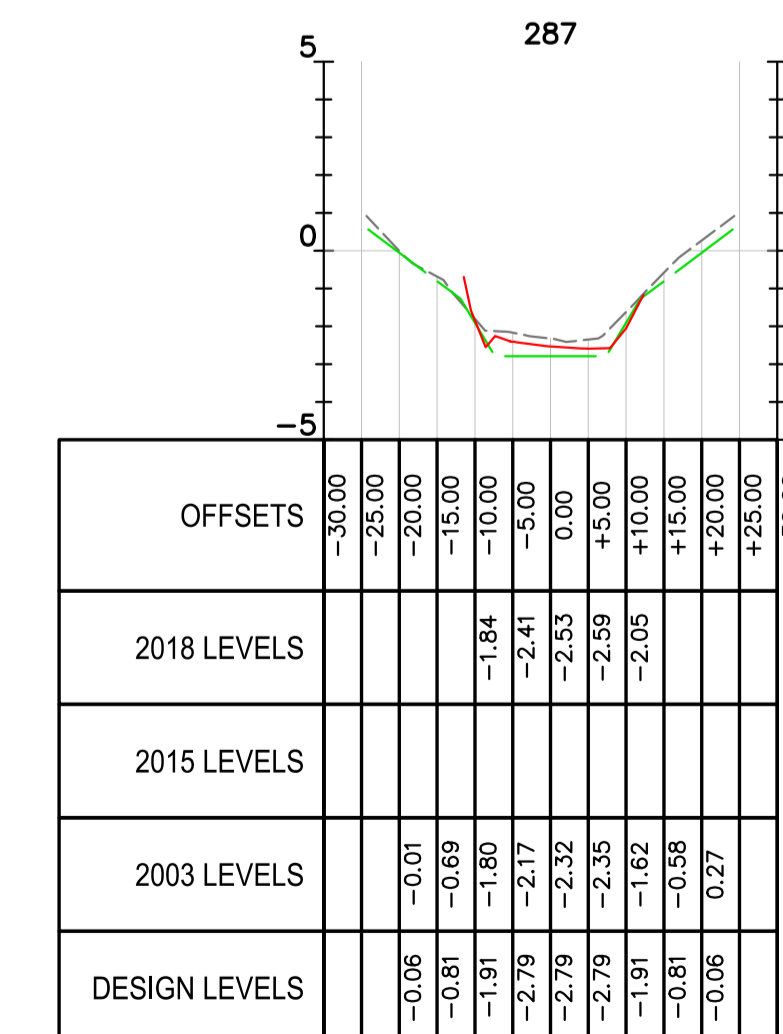
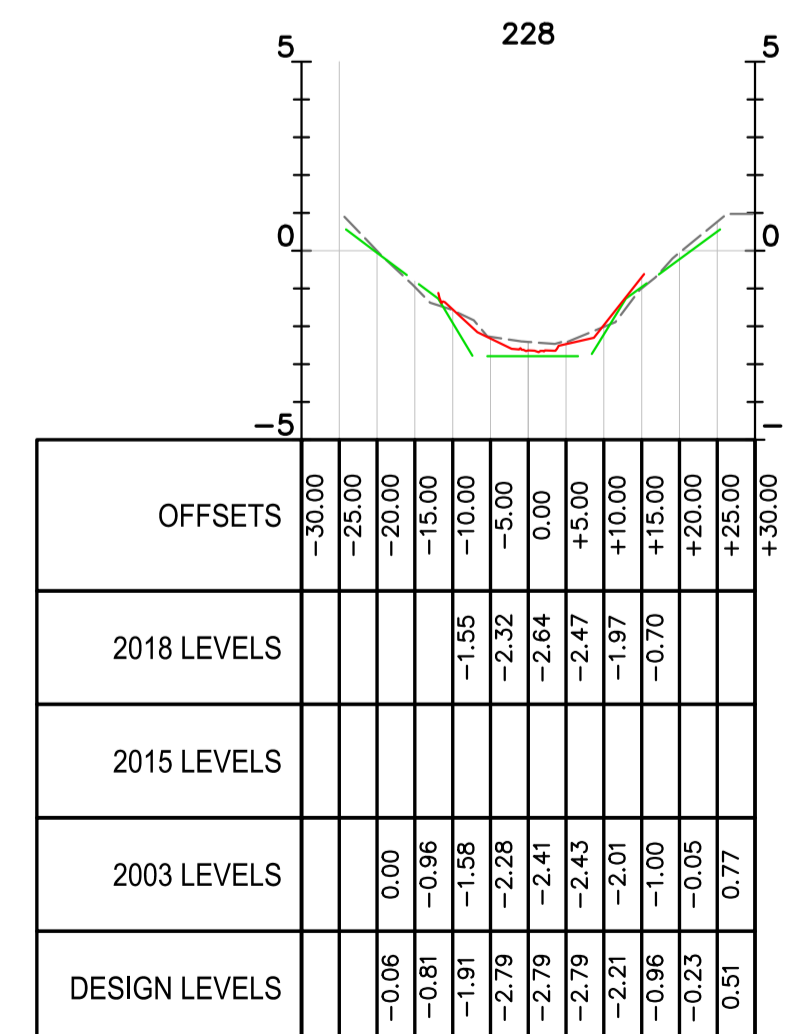
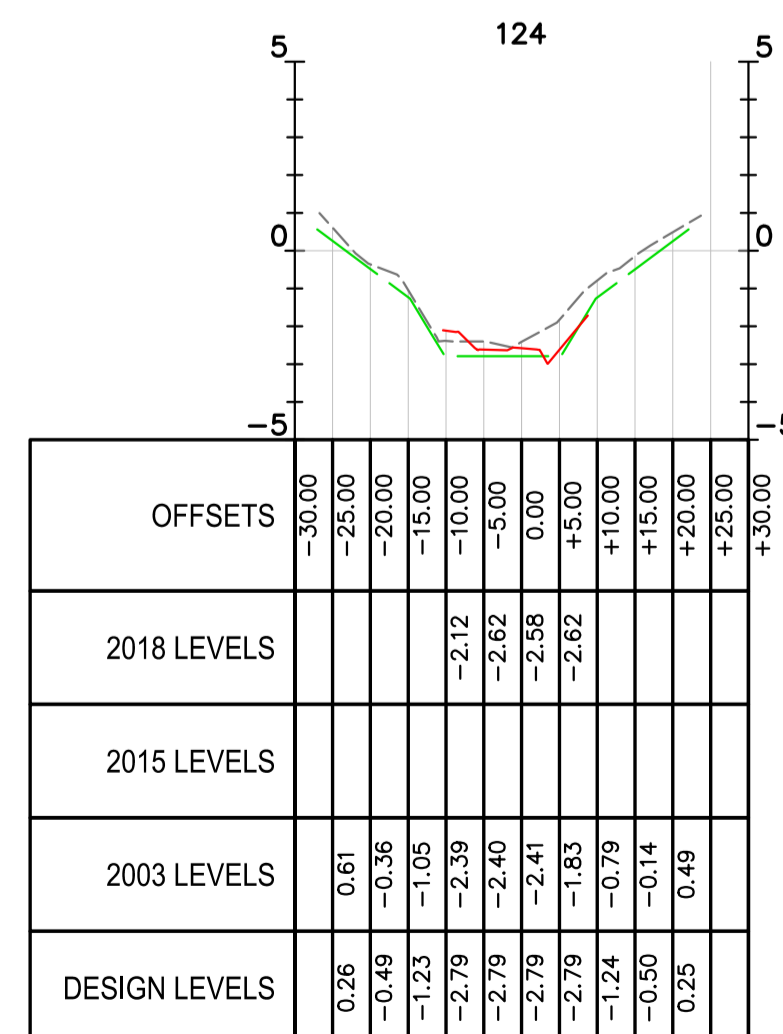
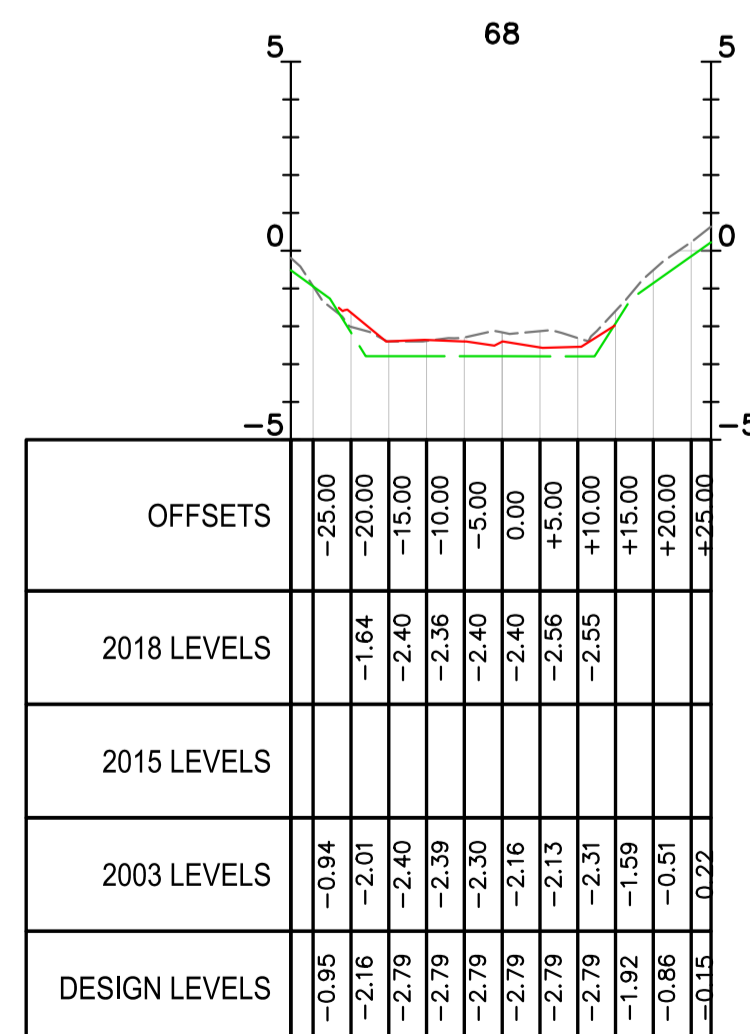
Paringa Sections



Barralong Sections



Tarcoola Sections



MYUNA CANAL SECTIONS

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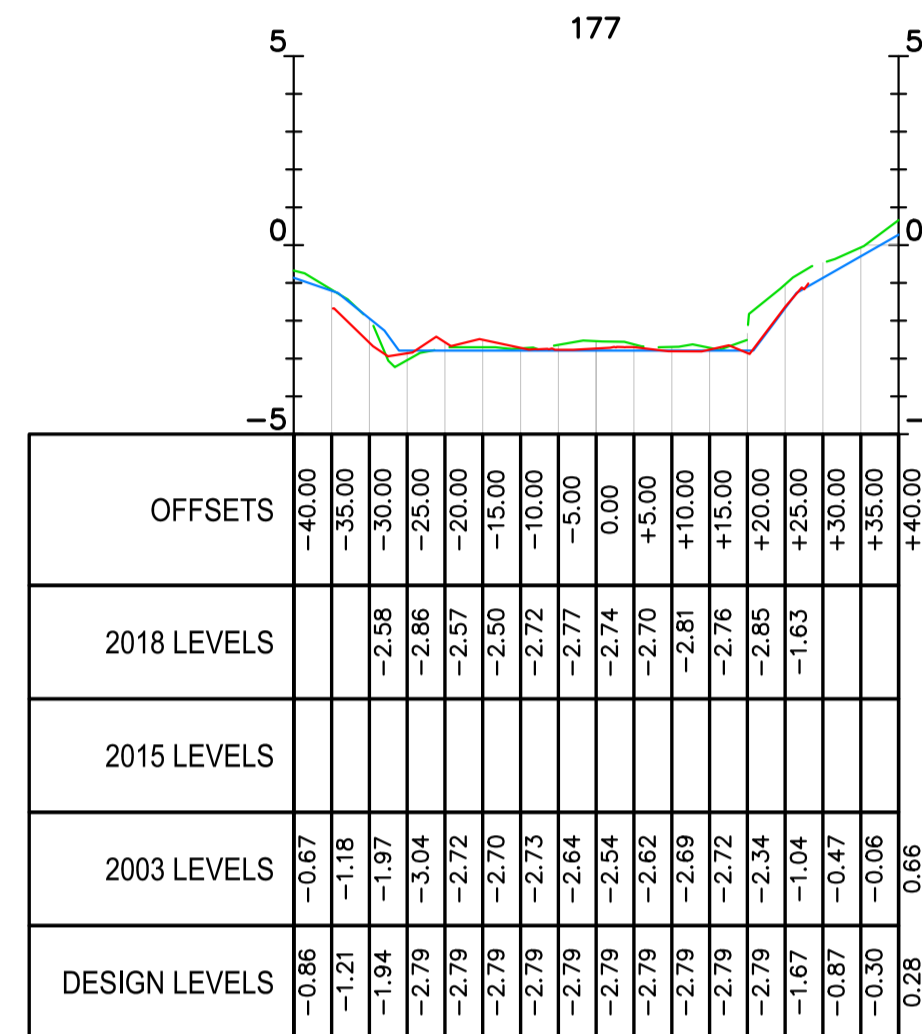
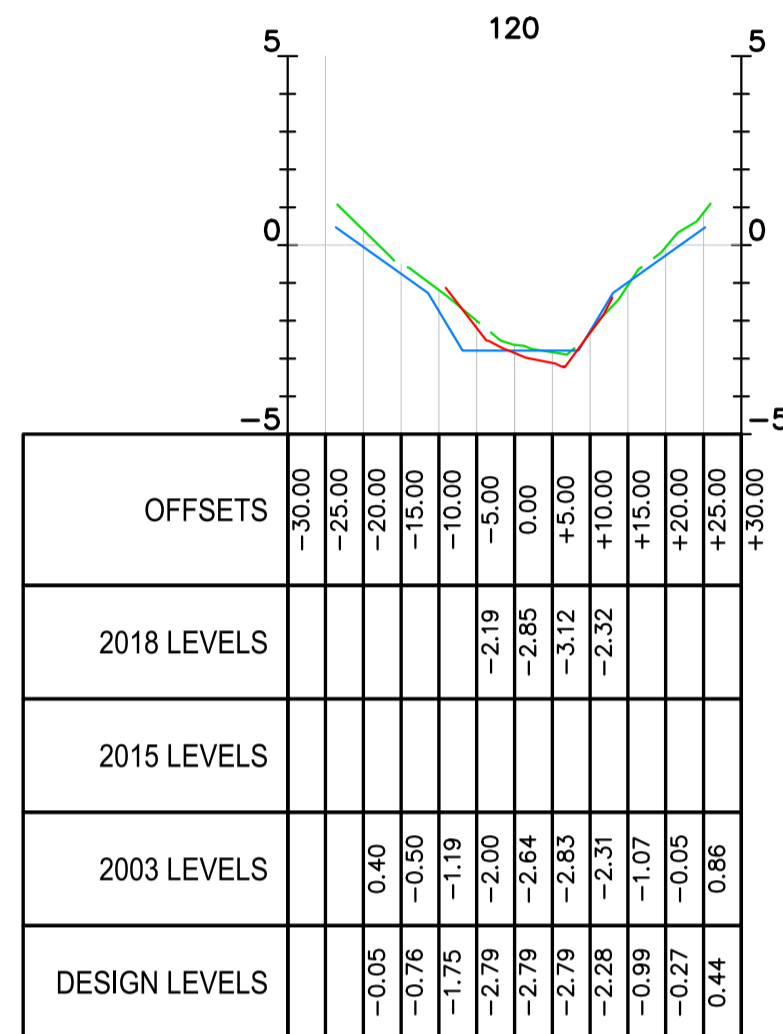
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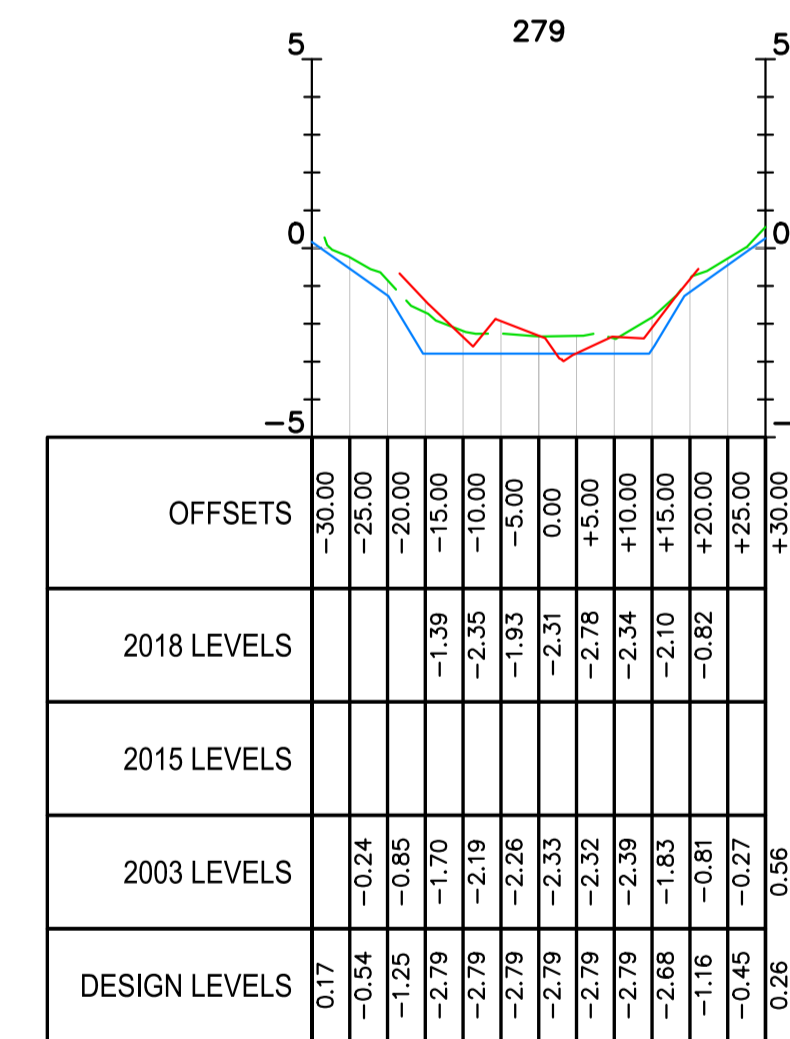
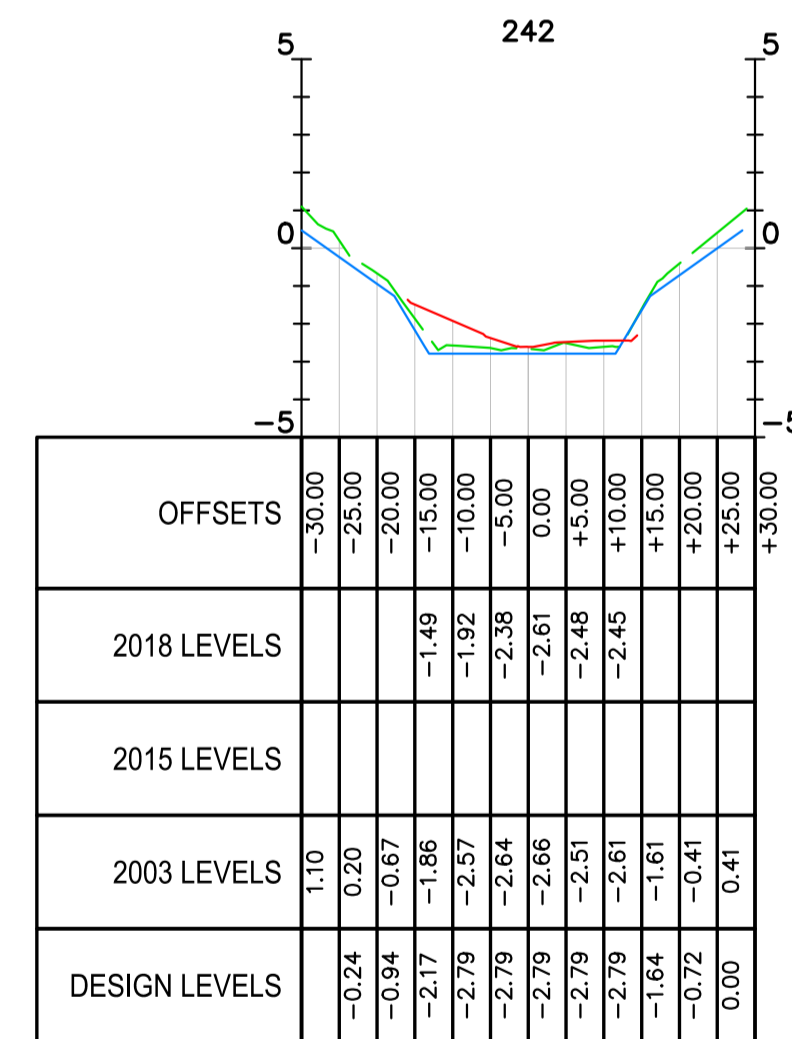
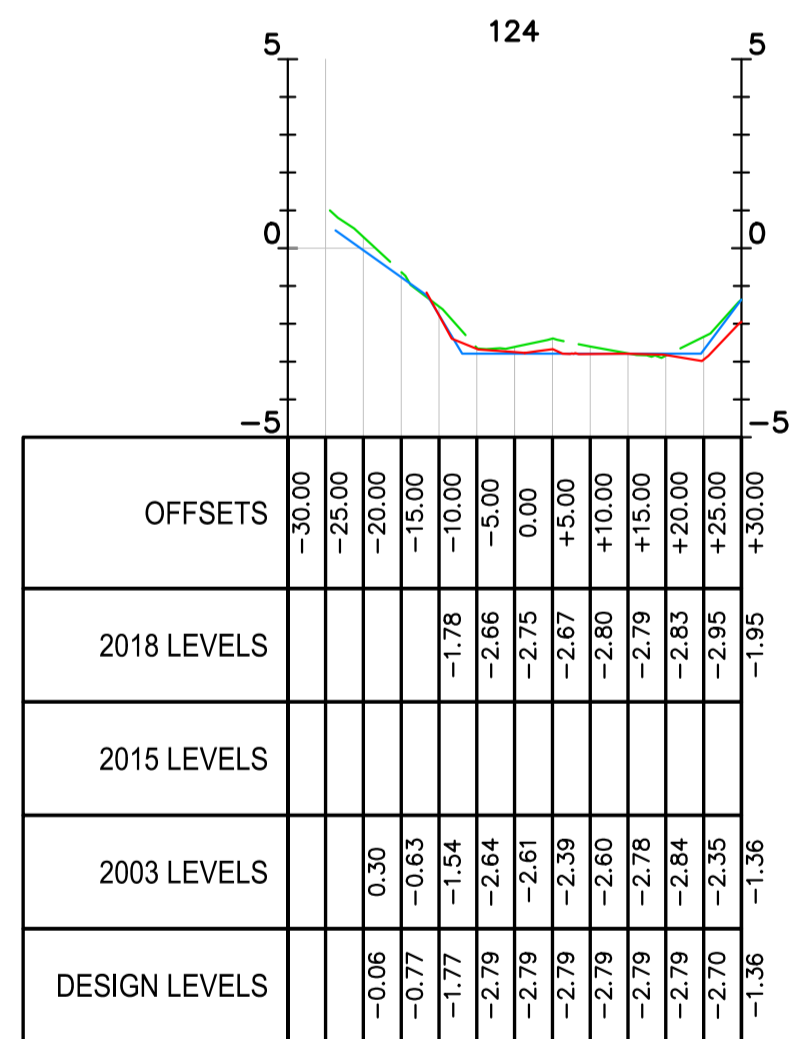
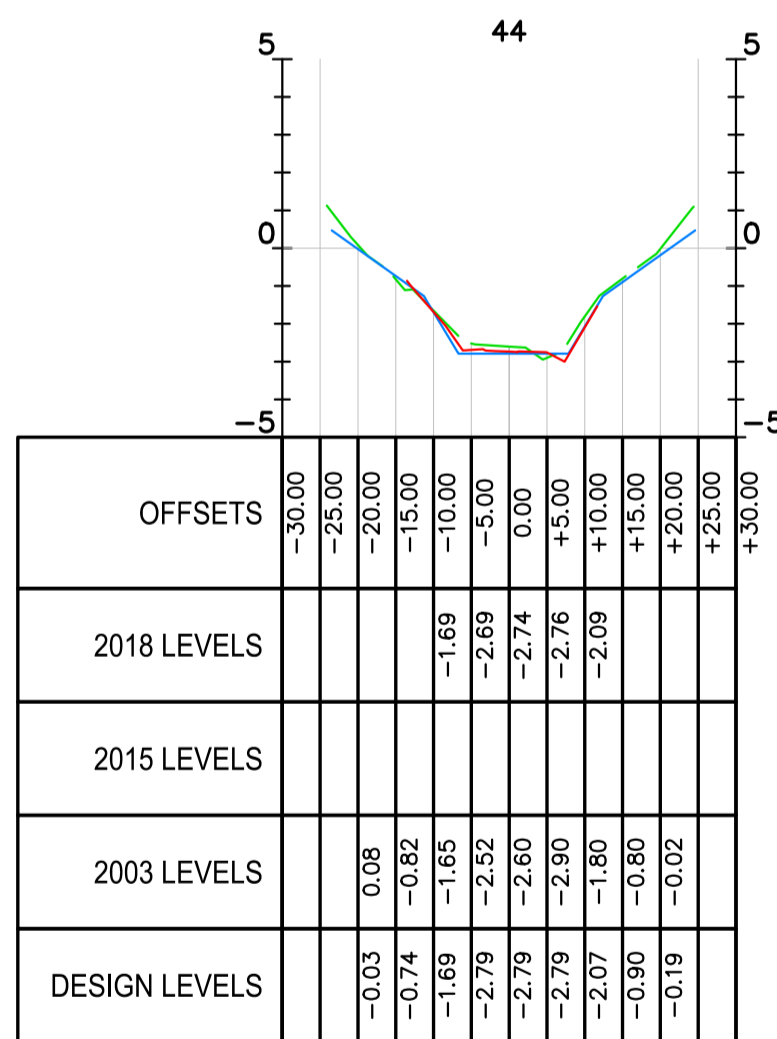
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Myuna Entry Sections



Myuna Tee Sections



Revisions	Surveyed	Drawn	Checked	Passed	Date	
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SHEET 15 OF 15 Scale **A1 1:1000**
 File 13242 DTM-04 Sections.dwg Date 14/03/18

DRAWING NUMBER **13242-DTM-04** REV. **A**