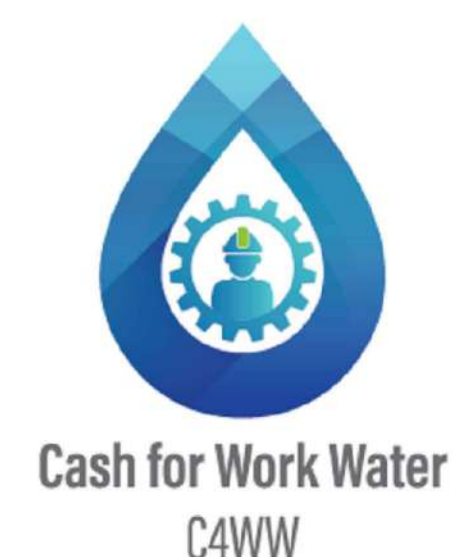




In cooperation with



PROTECTING MUJIB AND FIDAN DAMS AND SURROUNDING AREAS
IN SOUTHERN GHOURS THROUGH NATURE–BASED SOLUTIONS AND
LABOUR–INTENSIVE MEASURES SUPPORTING SYRIAN REFUGEES
AND VULNERABLE JORDANIANS
(MUJIB TENDER PACKAGE)

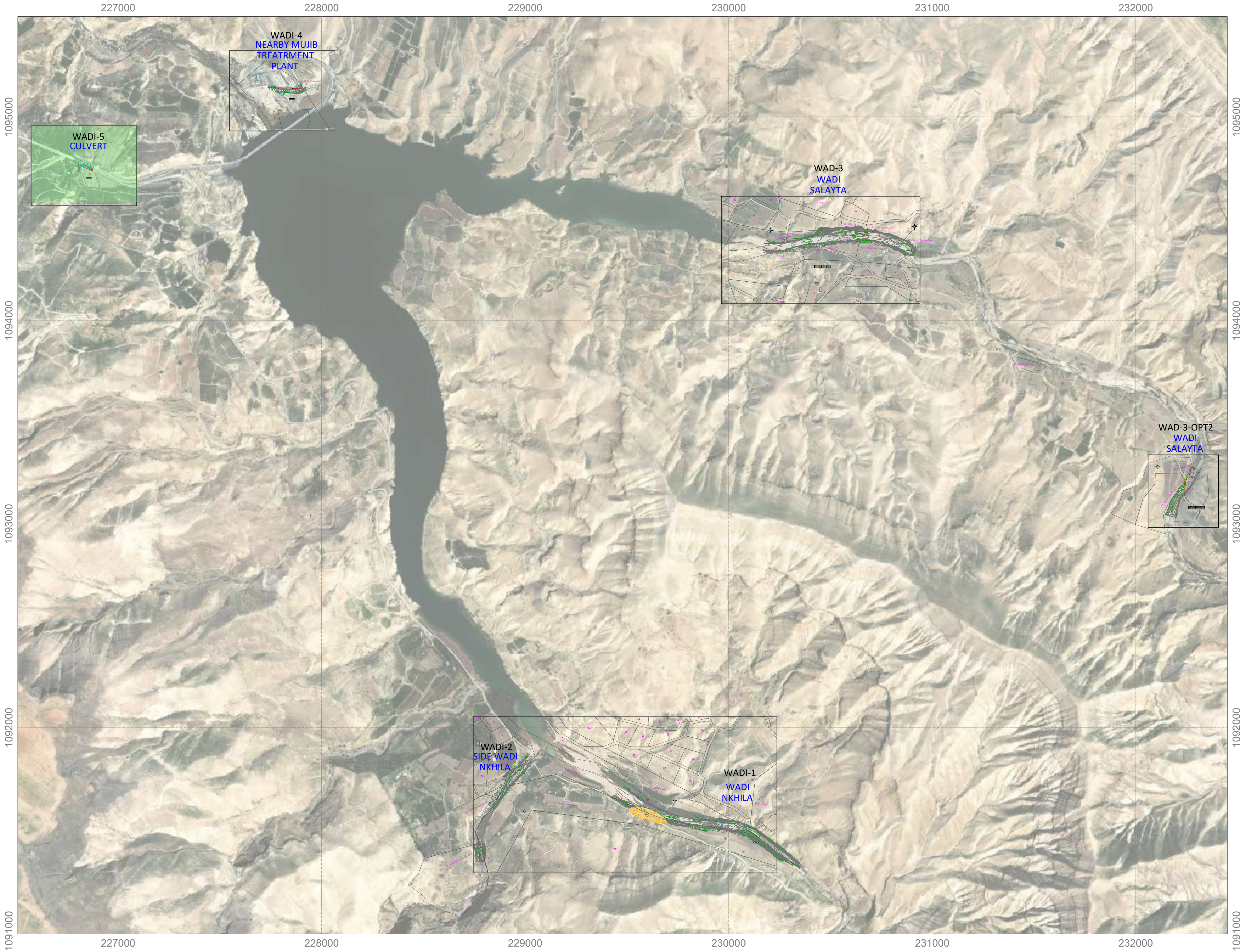
FULL PACKAGE

JULY–2026



MADI & PARTNERS CONSULTING ENGINEERS
TEL. 5829640 – 5829641, FAX : 5829642, P.O.BOX : 910107, AMMAN–JORDAN
e-mail : mpce@index.com.jo

LIST OF DRAWINGS		
NO.	DRAWING Title	SCALE
TP-01	TOPOGRAPHY PLAN-MASTER SITE PLAN	1:10000
TP-02	TOPOGRAPHY PLAN-WADI 1+2:NKHILA	1:1000
TP-03	TOPOGRAPHY PLAN-WADI 3:SALAYTA WADI 4:MTP, WADI 5:CULVERT	1:1000
TP-04	TOPOGRAPHY SECTIONS-01	1:250
TP-05	TOPOGRAPHY SECTIONS-02	1:250
TP-06	TOPOGRAPHY SECTIONS-03	1:250
TP-07	TOPOGRAPHY SECTIONS-04	1:250
TP-08	TOPOGRAPHY SECTIONS-05	1:250
TP-09	TOPOGRAPHY SECTIONS-06	1:250
TP-10	TOPOGRAPHY SECTIONS-07	1:250
TP-11	TOPOGRAPHY SECTIONS-08	1:250
TP-12	TOPOGRAPHY SECTIONS-09	1:200
R-02	WADI 2 EX.-SIDE NKHILA SNK-3 CHECK DAM STA.0+025 DETAILS-1	1:125
R-03	WADI 2 EX.-SIDE NKHILA SNK-3 CHECK DAM STA.0+025 DETAILS-2	AS SHOWN
R-04	WADI 2 EX.-SIDE NKHILA SNK-3 CHECK DAM STA.0+025 DETAILS-3	AS SHOWN
R-05	WADI 3-SALAYTA LAYOUT PLAN	1:1000
R-06	WADI 3-SALAYTA2 LAYOUT AND SECTION	AS SHOWN
R-07	WADI 3-SALAYTA2 SA-4 CHECK DAM STA. 0+150 DETAILS-1	AS SHOWN
R-08	WADI 3-SALAYTA2 SA-4 CHECK DAM STA. 0+150 DETAILS-2	1:125
R-09	WADI 3-SALAYTA2 SA-4 CHECK DAM STA. 0+150 DETAILS-3	1:100
R-10	WADI 4:TREATMENT PLANT RW DETAILS-1	AS SHOWN
R-11	WADI 4:TREATMENT PLANT RW DETAILS-2	AS SHOWN
R-12	WADI 5:CULVERT DETAILS-1	AS SHOWN
R-13	WADI 5:CULVERT DETAILS-2	AS SHOWN



CLIENT :



NOTES:

1- ALL DIMENSIONS & STATIONS ARE IN METER UNLESS OTHER WISE STATED.

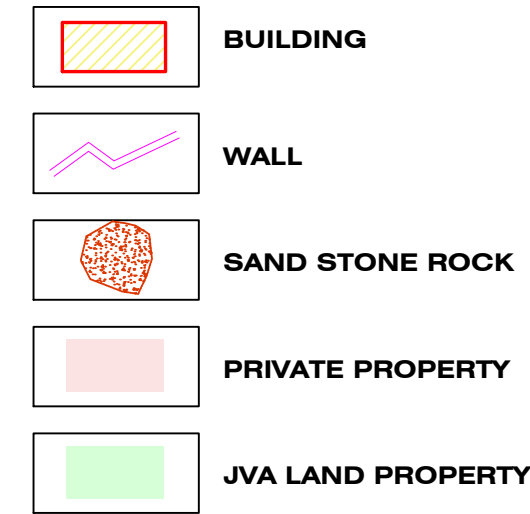
2- COORDINATES SYSTEM BASED ON PALESTINE GRID 1923 (CASSINI)

3- CONTOUR INTERVALS :

MAJOR = 2.50 m

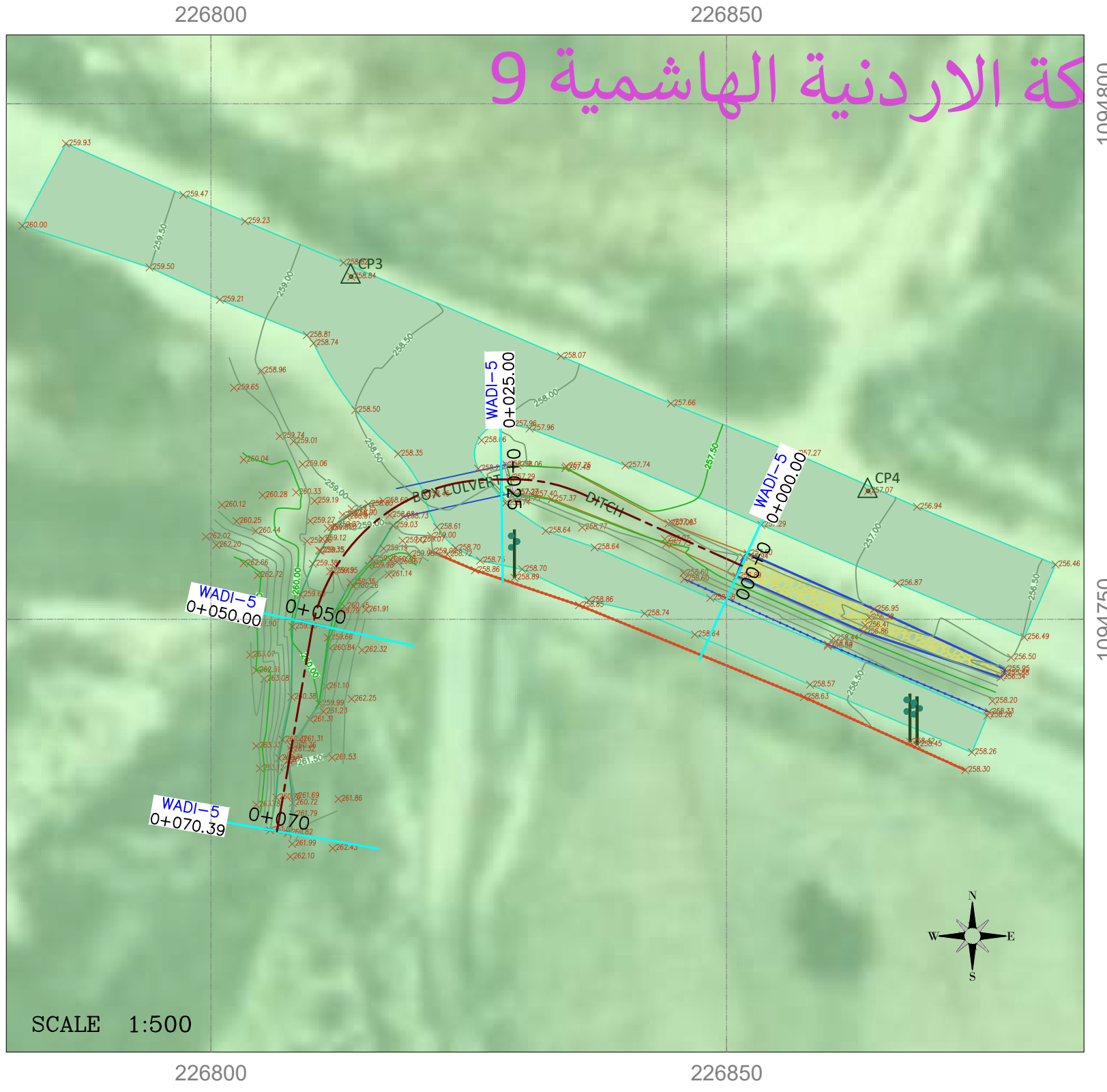
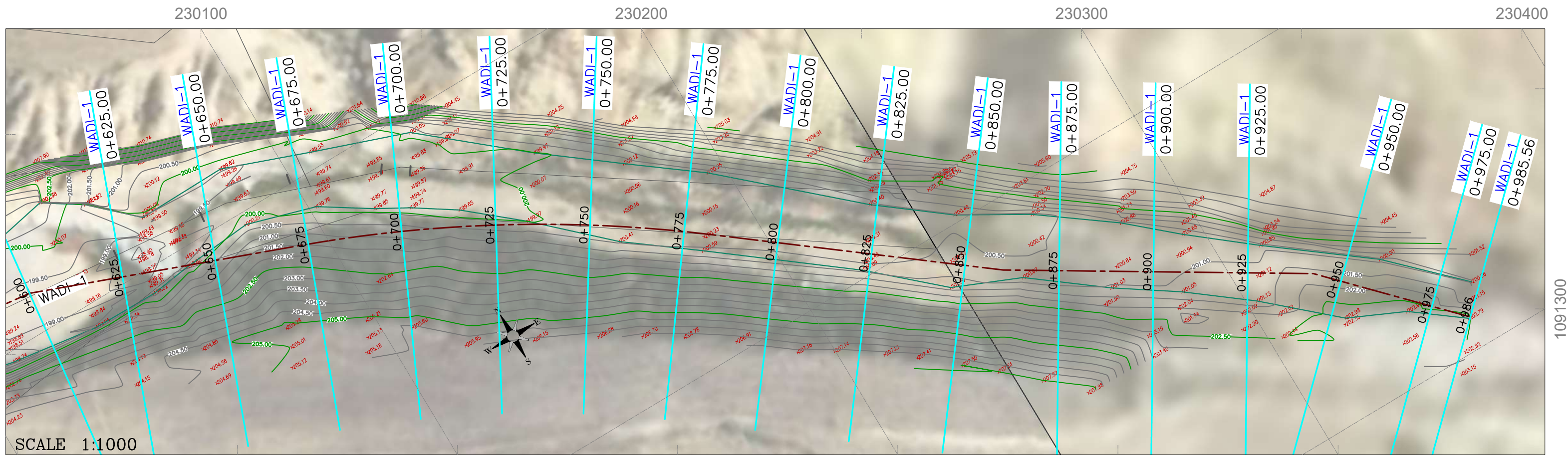
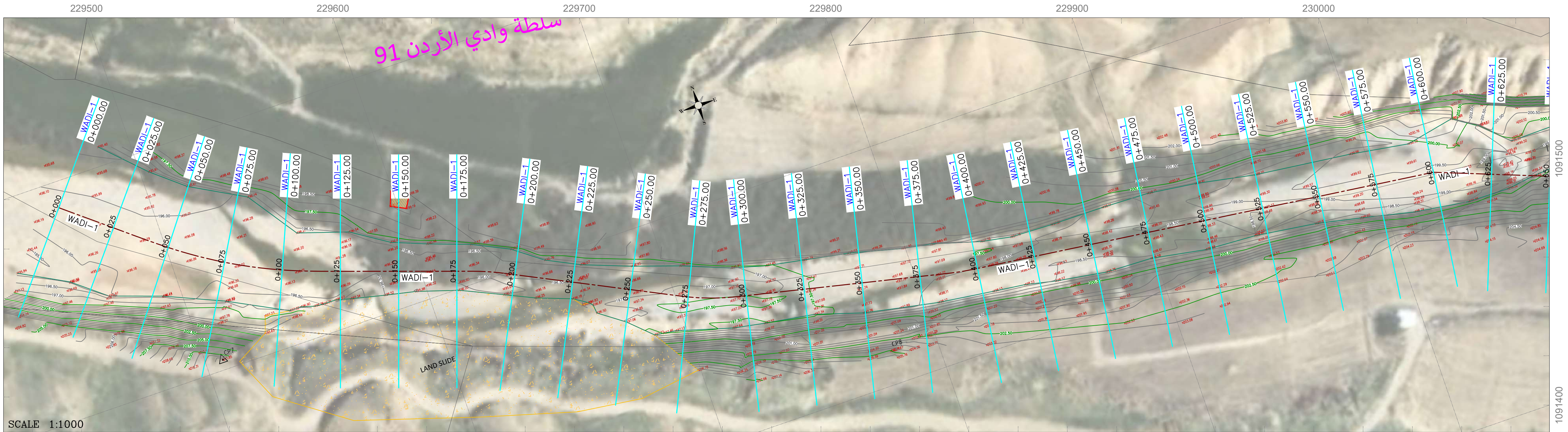
MINOR = 0.50m

LEGEND



Point No.	Easting	Northing	Elevation
CP1	230275.423	1094393.926	196.759
CP2	230703.387	1094384.757	203.191
CP3	226813.600	1094783.228	258.837
CP4	226863.729	1094762.443	257.073
CP5	227856.548	1095138.675	158.277
CP6	227773.202	1095142.899	150.868
CP7	229507.485	1091604.409	211.852
CP8	229779.681	1091514.266	205.108
BM1	232240.570	1093195.268	240.575
BM2	232203.412	1093142.545	240.333

REV.	MARK	DATE	MADE BY	REMARKS
CLIENT	DANISH REFUGEE COUNCIL			
M P C E	MADI & PARTNERS CONSULTING ENGINEERS TEL:5829640-5829641 FAX:5829642 e-mail : mpce@index.com.jo			
PROJECT	WADI ALMOUJIB FLOOD PROTECTION WORKS			
DRG. TITLE	TOPOGRAPHY PLAN-MASTER SITE PLAN			
DRAWN BY	: CAD	SCALE:1:10000		
DESIGNED BY	: A.A	DATE : JUL-2026		
CHECKED BY	: G.H	PROJECT No.	DRAWING No.	
APPROVED BY	: M.M		TP-01	



CLIENT :



NOTES:

1- ALL DIMENSIONS & STATIONS ARE IN METER UNLESS OTHER WISE STATED.

2- COORDINATES SYSTEM BASED ON PALESTINE GRID 1923 (CASSINI)

3- CONTOUR INTERVALS :

MAJOR = 2.50 m

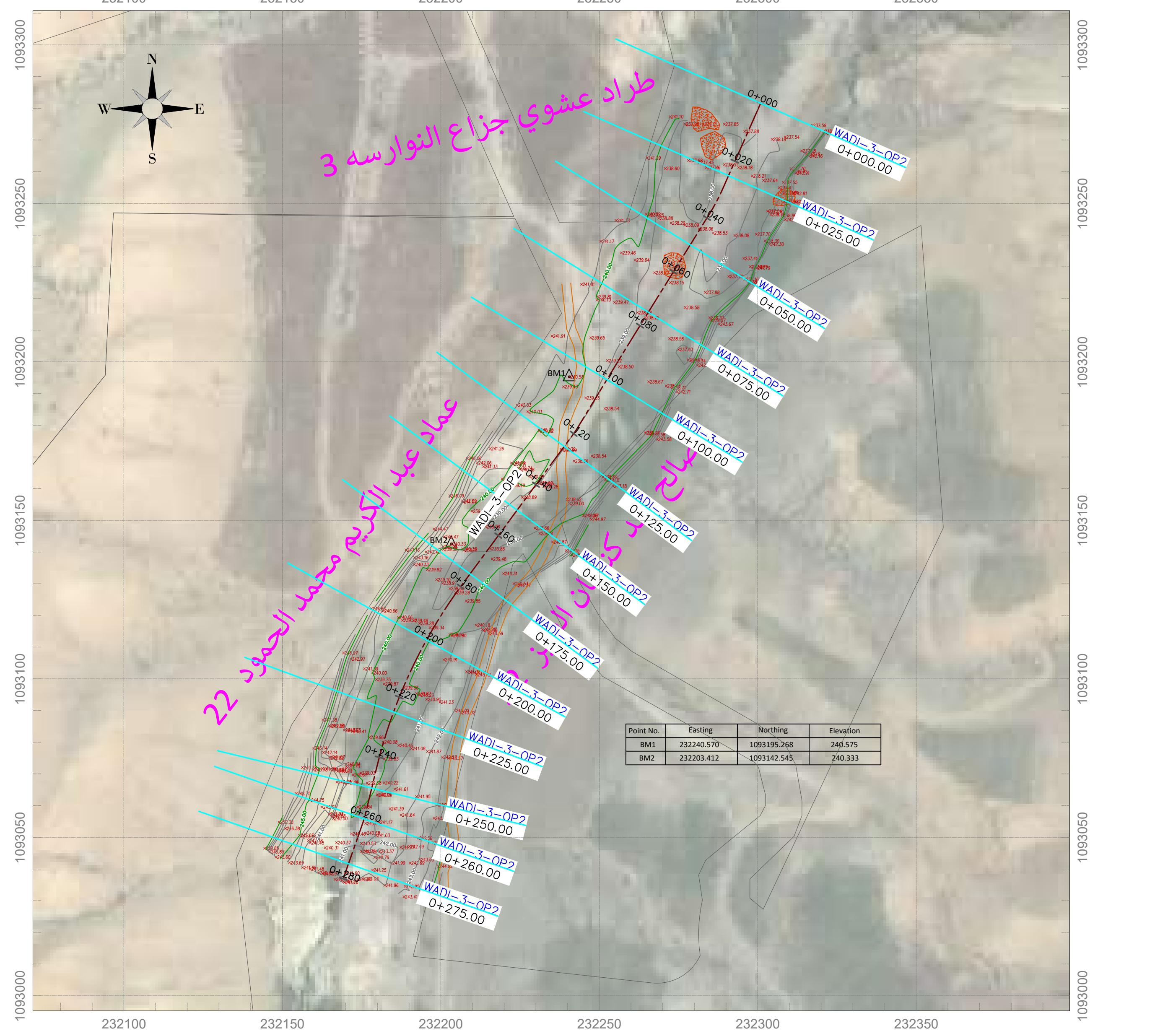
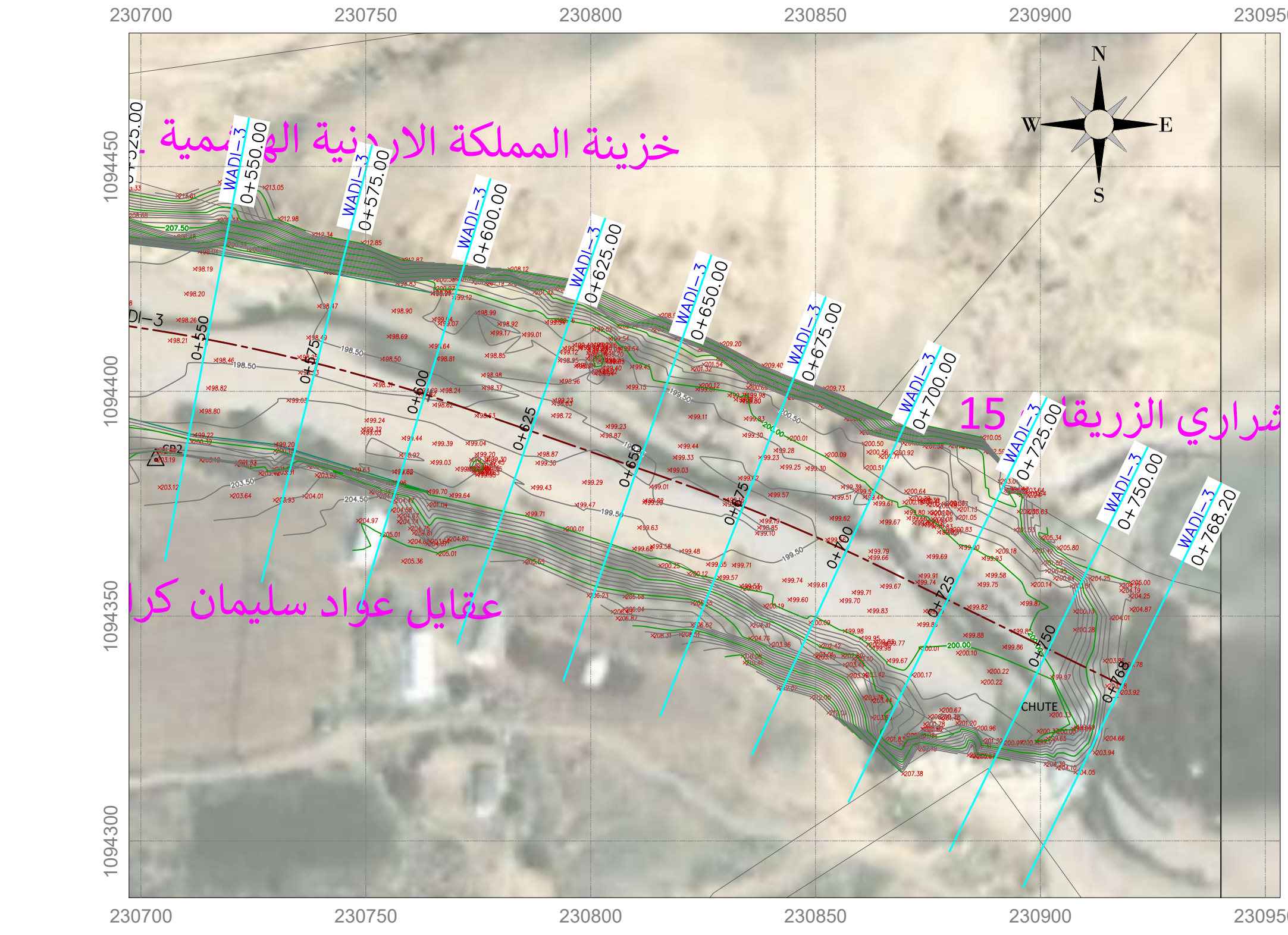
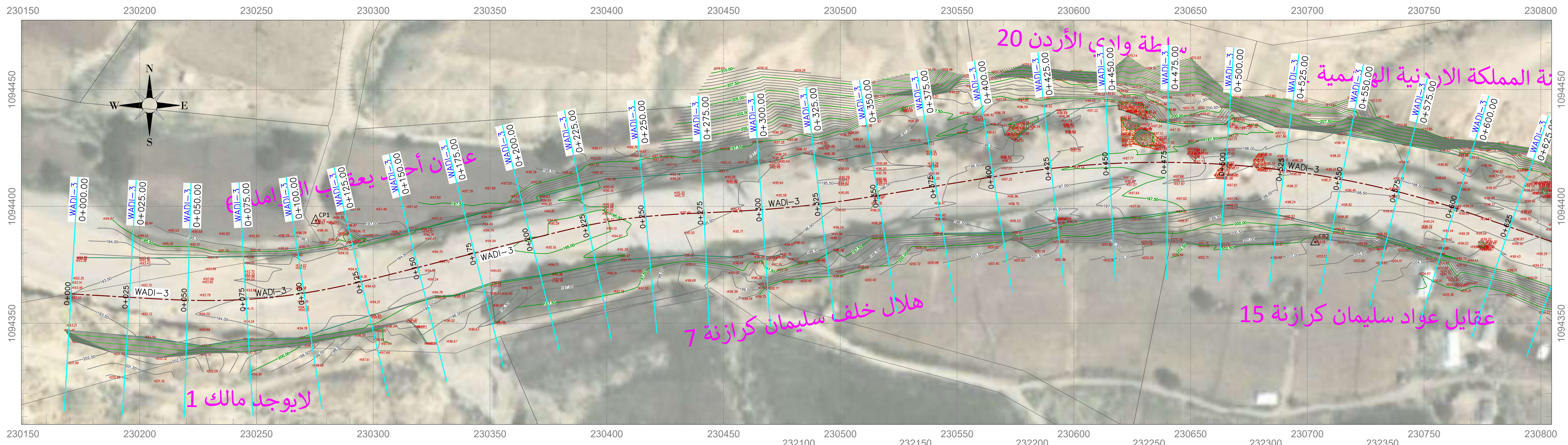
MINOR = 0.50m

LEGEND

- BUILDING
- WALL
- SAND STONE ROCK
- PRIVATE PROPERTY
- JVA LAND PROPERTY

Point No.	Easting	Northing	Elevation
CP1	230275.423	1094393.926	196.759
CP2	230703.387	1094384.757	203.191
CP3	226813.600	1094783.228	258.837
CP4	226863.729	1094762.443	257.073
CP5	227856.548	1095138.675	158.277
CP6	227773.202	1095142.899	150.868
CP7	229507.485	1091604.409	211.852
CP8	229779.681	1091514.266	205.108
BM1	232240.570	1093195.268	240.575
BM2	232203.412	1093142.545	240.333

REV.	MARK.	DATE	MADE BY	REMARKS
CLIENT	DANISH REFUGEE COUNCIL			
MP	MADI & PARTNERS CONSULTING ENGINEERS			
CE	TEL:5829640-5829641 FAX:5829642			
	e-mail : mpce@index.com.jo			
PROJECT	WADI ALMOUJIB FLOOD PROTECTION WORKS			
DRG. TITLE	TOPOGRAPHY PLAN-WADI 1+2:NKHILA			
DRAWN BY	CAD	SCALE:AS SHOWN		
DESIGNED BY	A.A	DATE : JUL-2026		
CHECKED BY	G.H	PROJECT No.		
APPROVED BY	M.M	DRAWING No.		
		TP-02		



CLIENT :



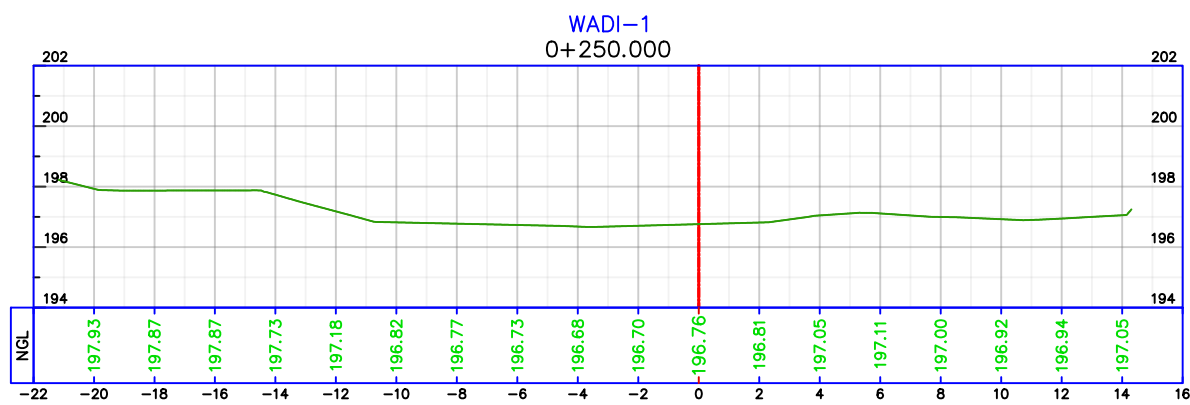
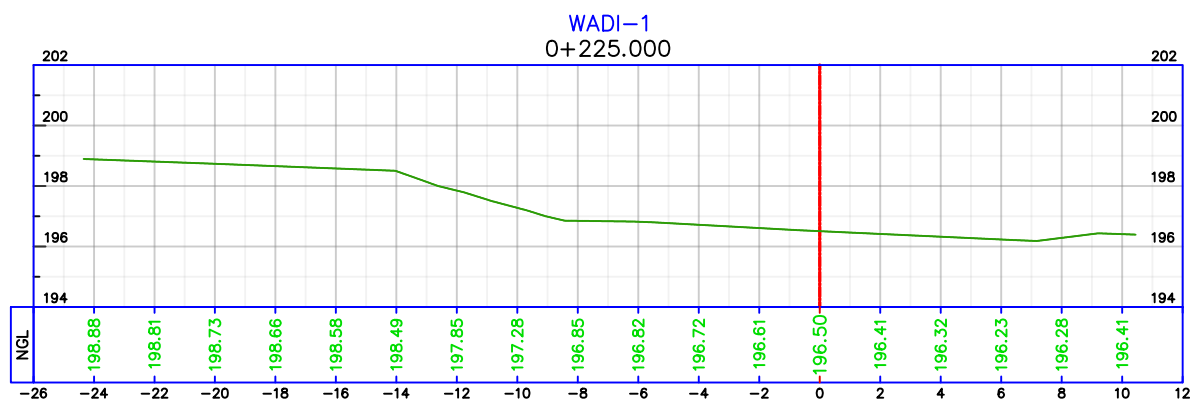
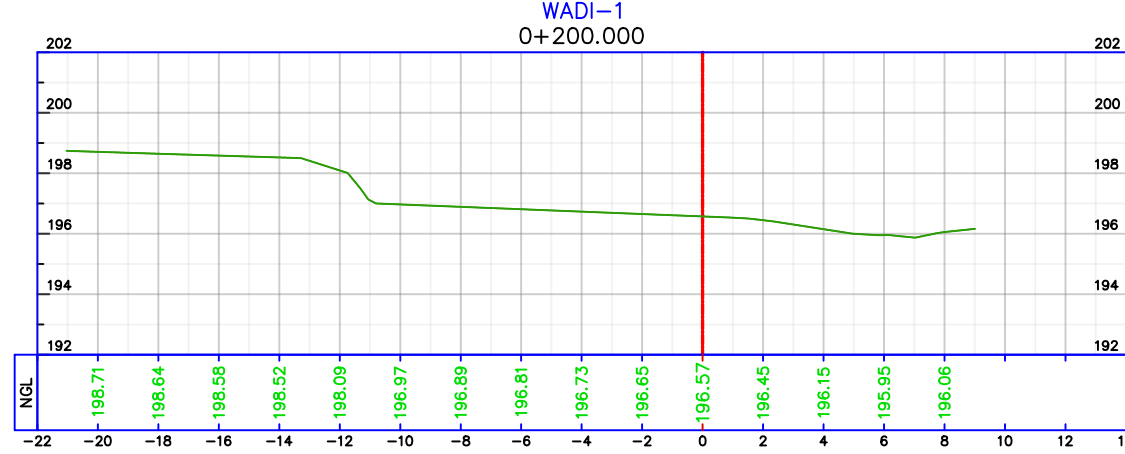
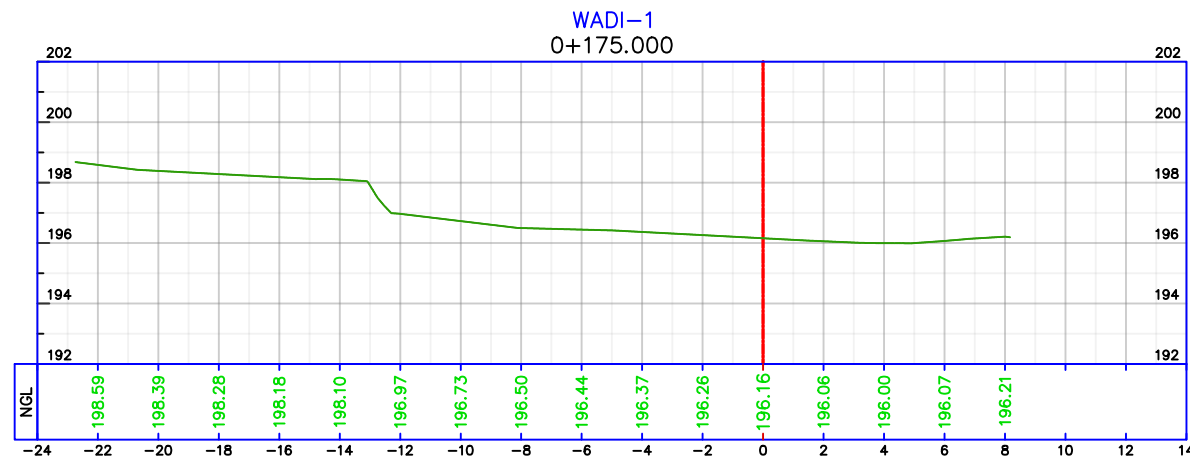
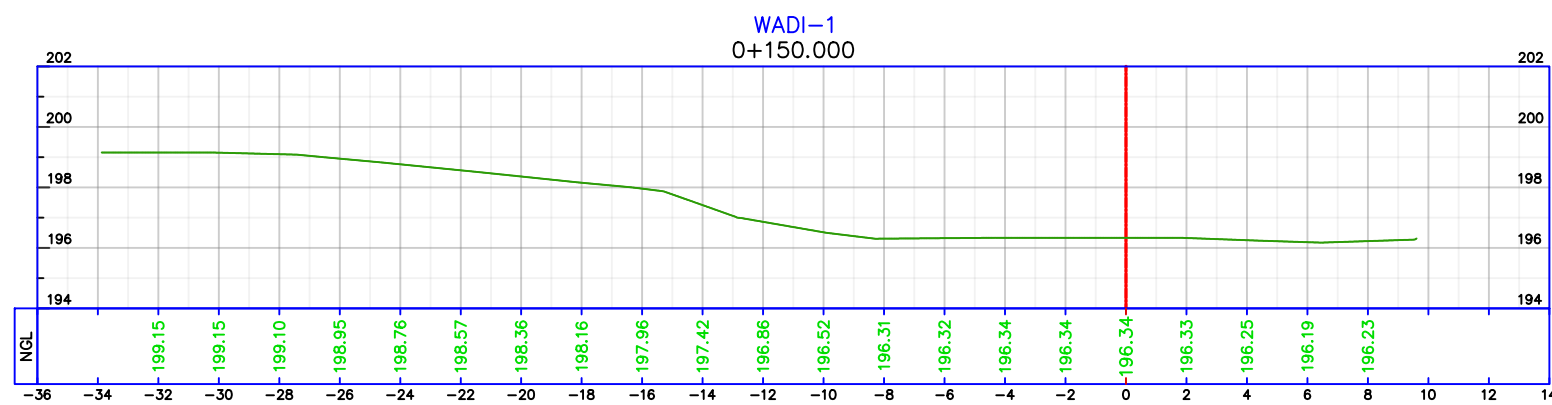
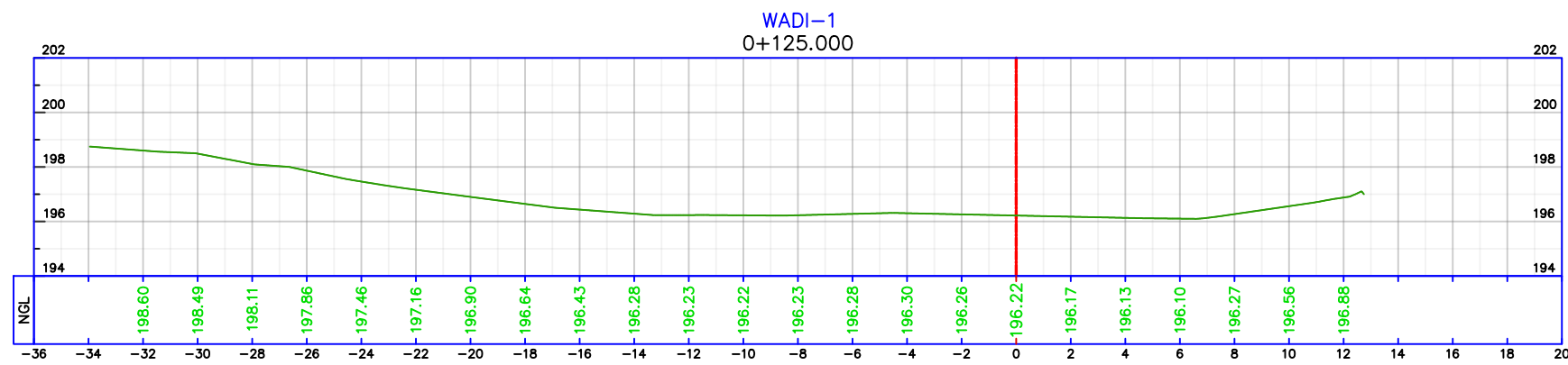
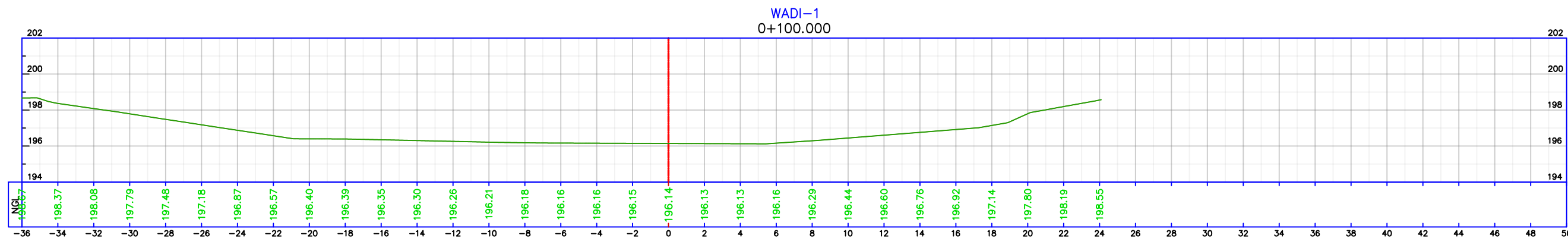
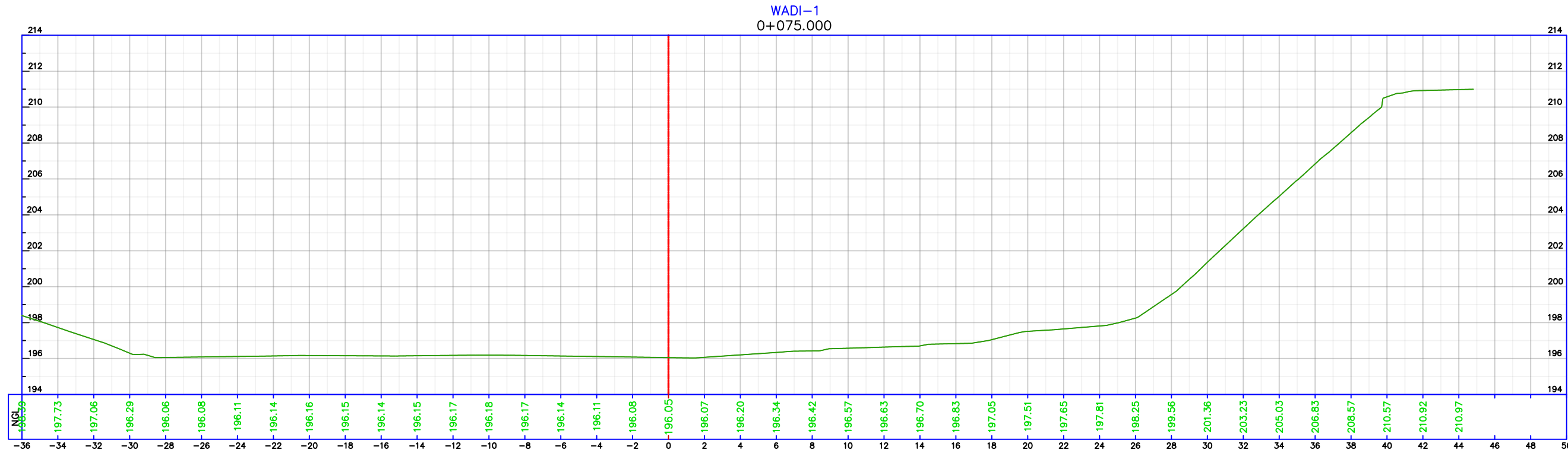
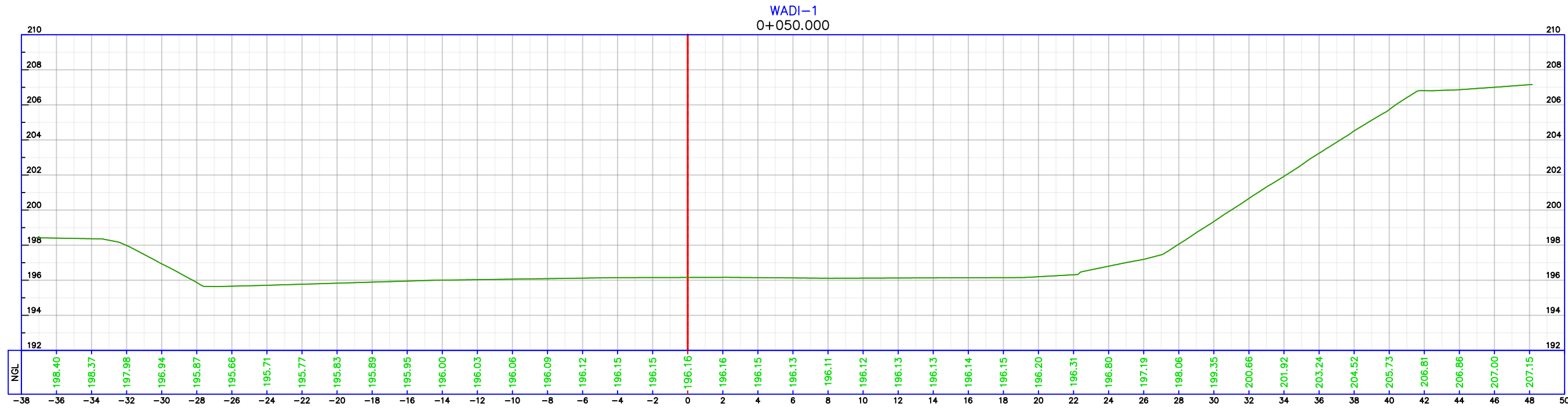
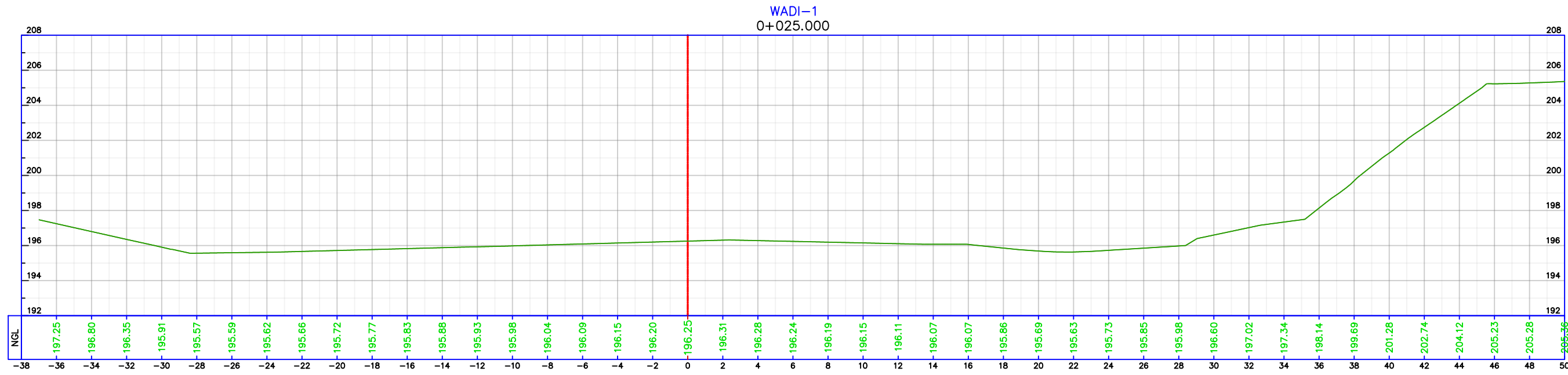
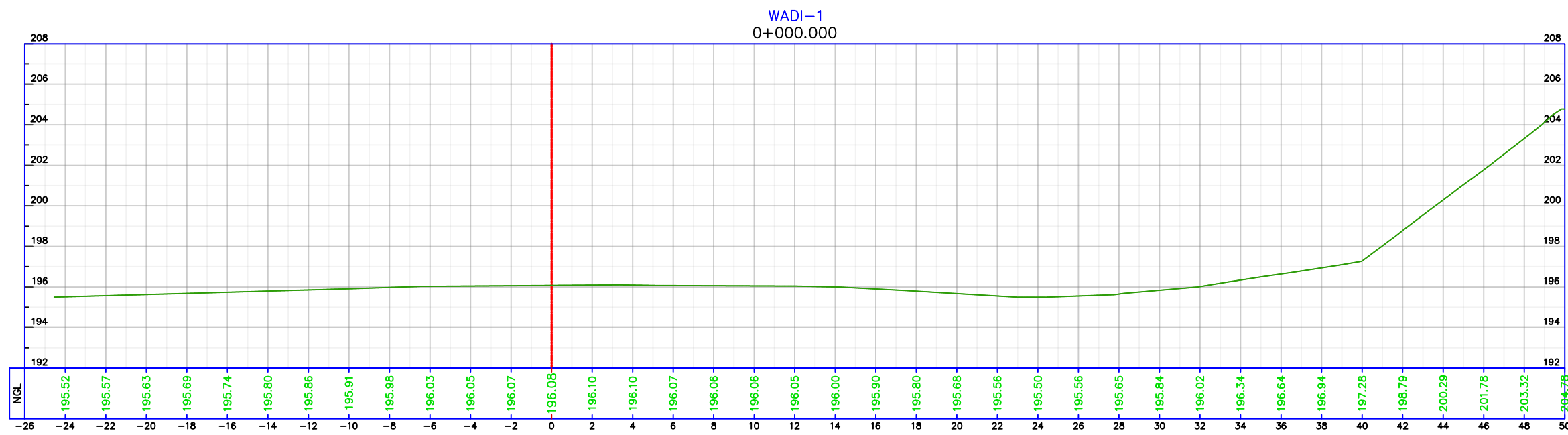
- NOTES:
- 1- ALL DIMENSIONS & STATIONS ARE IN METER UNLESS OTHER WISE STATED.
 - 2- COORDINATES SYSTEM BASED ON PALESTINE GRID 1923 (CASSINI)
 - 3- CONTOUR INTERVALS :
MAJOR = 2.50 m
MINOR = 0.50m

LEGEND

- BUILDING
- WALL
- SAND STONE ROCK
- PRIVATE PROPERTY
- JVA LAND PROPERTY

Point No.	Easting	Northing	Elevation
CP1	230275.423	1094393.926	196.759
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CP3	226813.600	1094783.228	258.837
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CP7	229507.485	1091604.409	211.852
CP8	229779.681	1091514.266	205.108
BM1	232240.570	1093195.268	240.575
BM2	232203.412	1093142.545	240.333

REV.	MARK	DATE	MADE BY	REMARKS
CLIENT				DANISH REFUGEE COUNCIL
M P C E				MADI & PARTNERS CONSULTING ENGINEERS TEL:5829640-5829641 FAX:5829642 e-mail : mpce@index.com.jo
PROJECT				WADI ALMOUJIB FLOOD PROTECTION WORKS
DRG. TITLE				TOPOGRAPHY PLAN-WADI 3:SALAYTA WADI 4:MTP, WADI 5:CULVERT
DRAWN BY	CAD			SCALE: 1:1000
DESIGNED BY	A.A			DATE : JUL-2026
CHECKED BY	G.H			PROJECT No. DRAWING No.
APPROVED BY	M.M			TP-03



CLIENT :

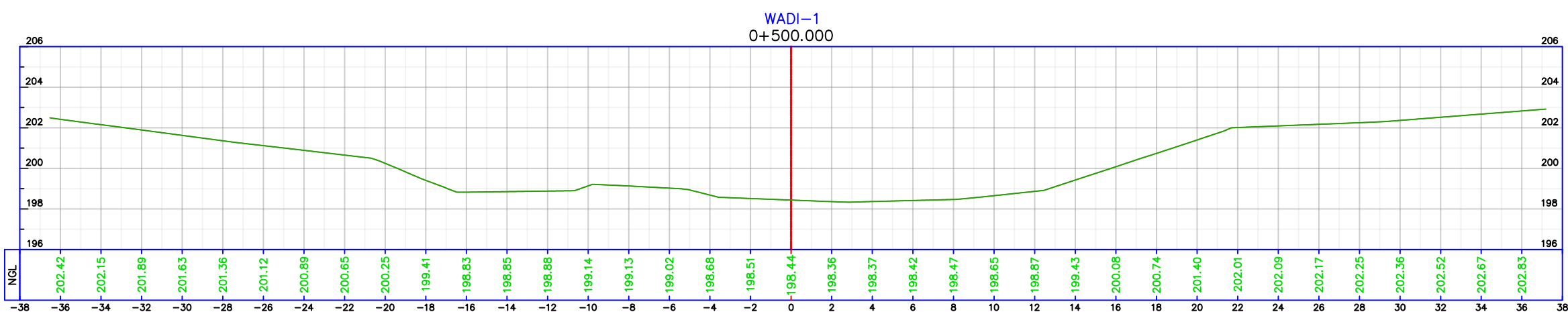
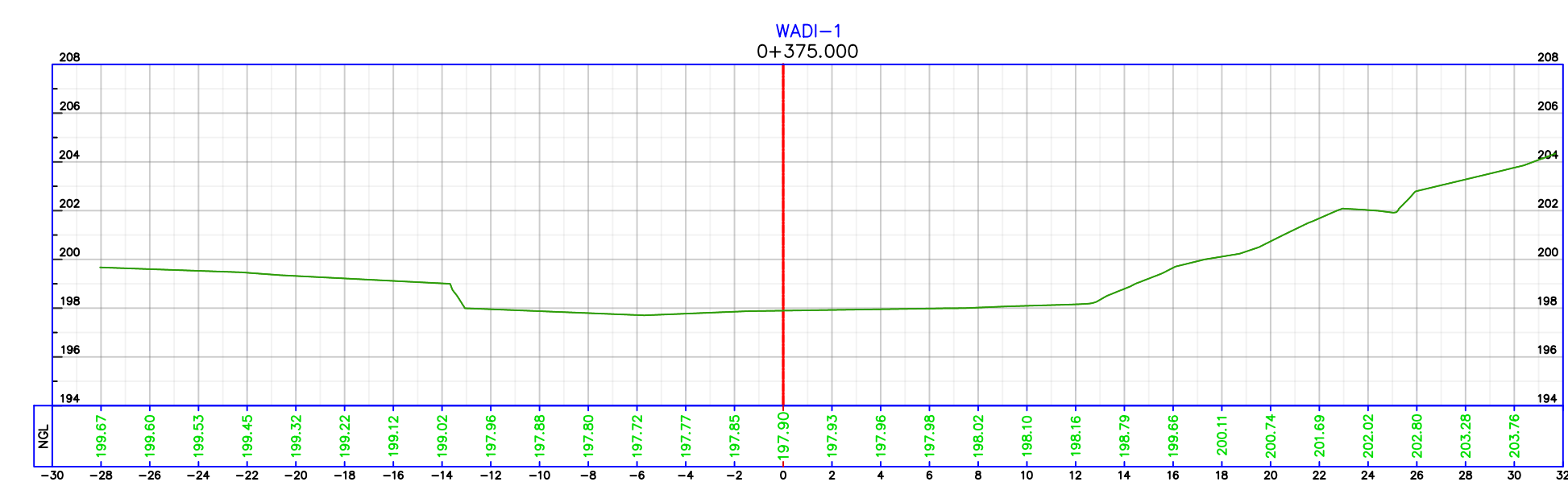
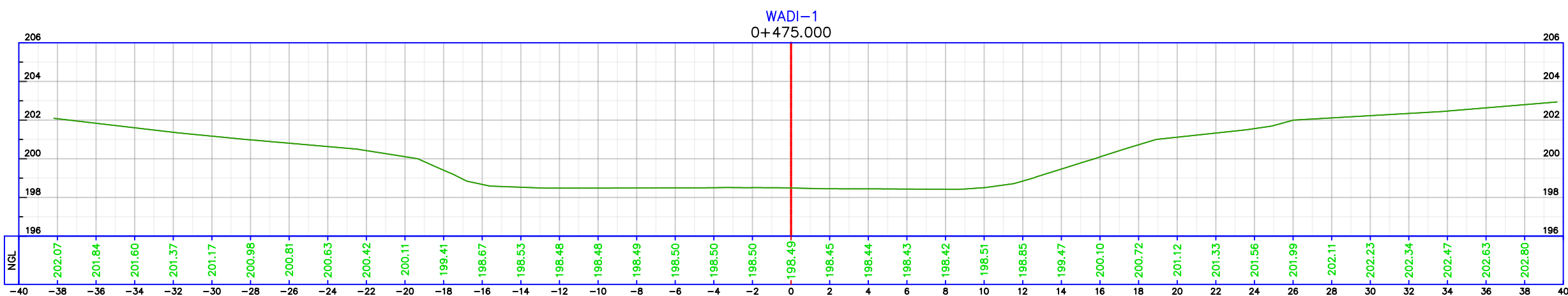
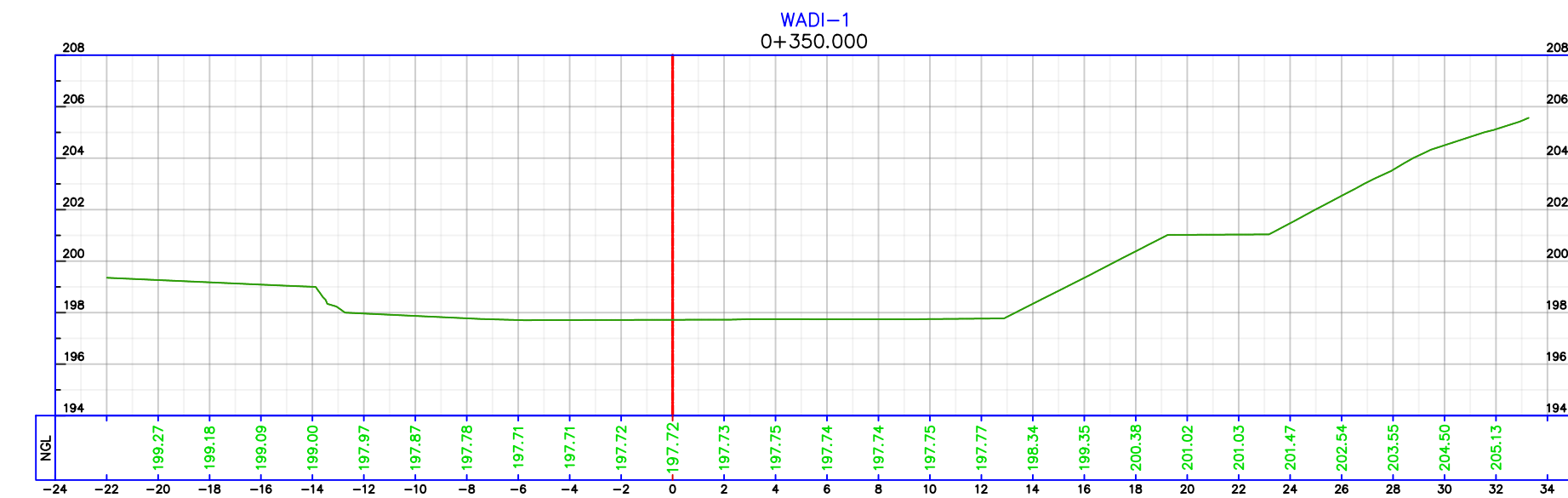
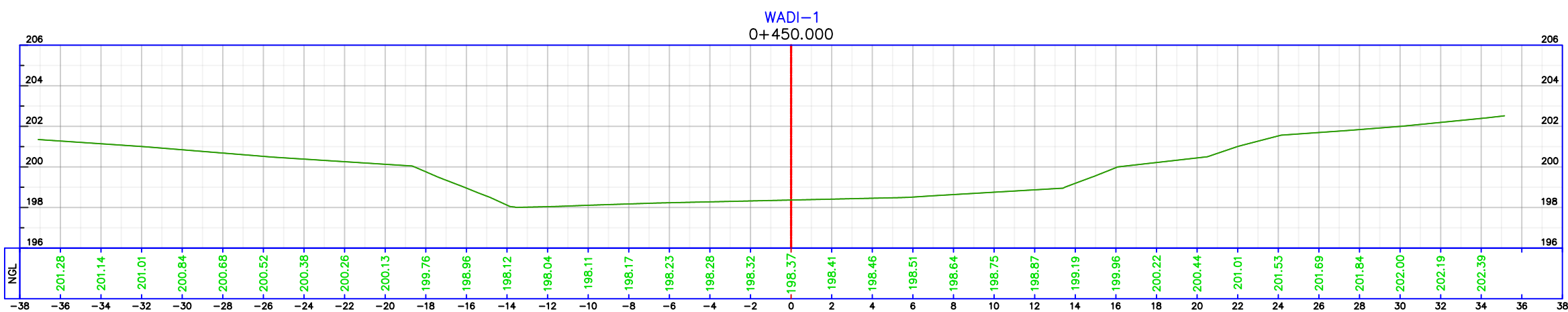
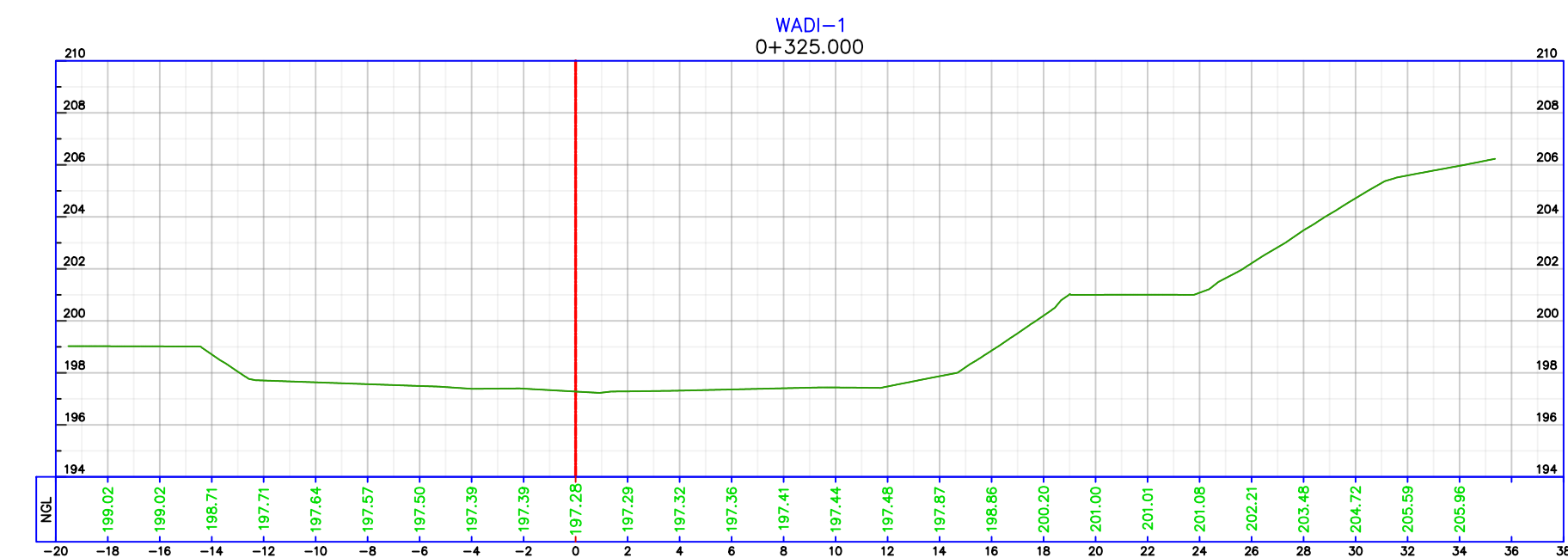
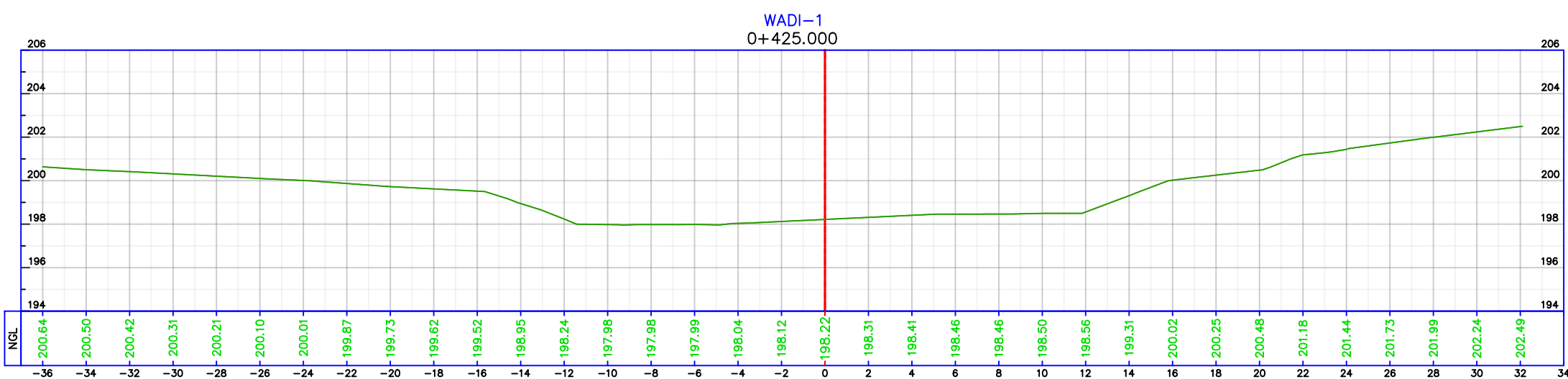
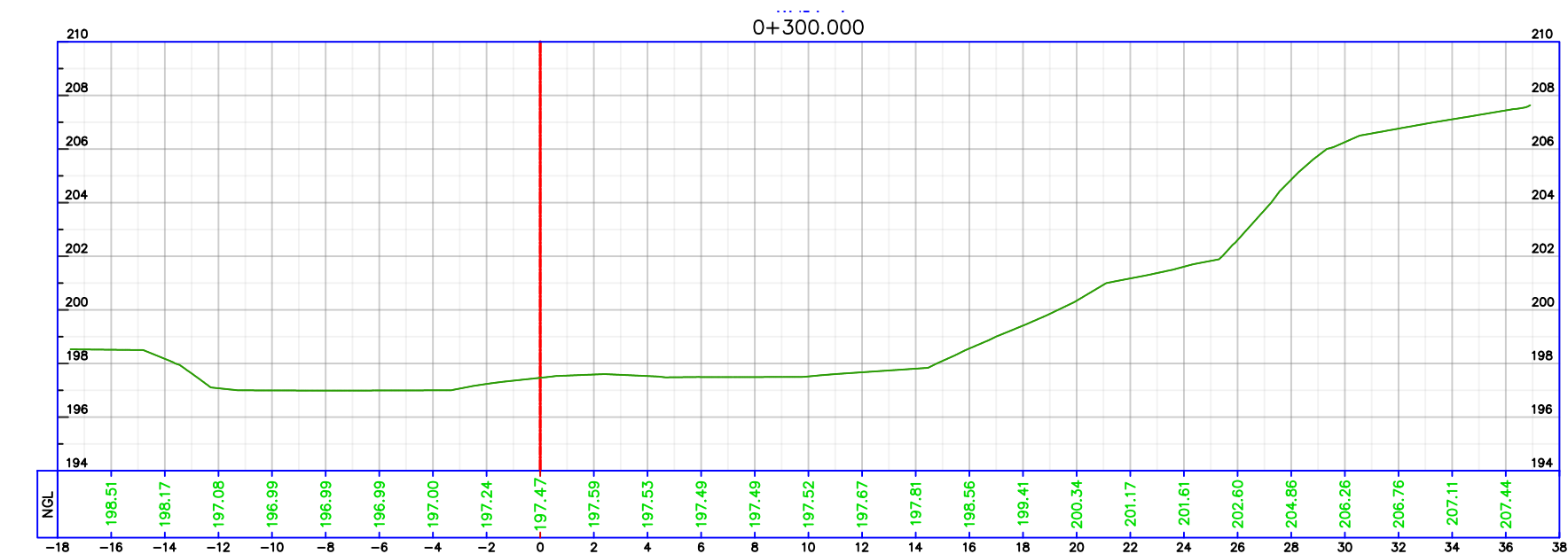
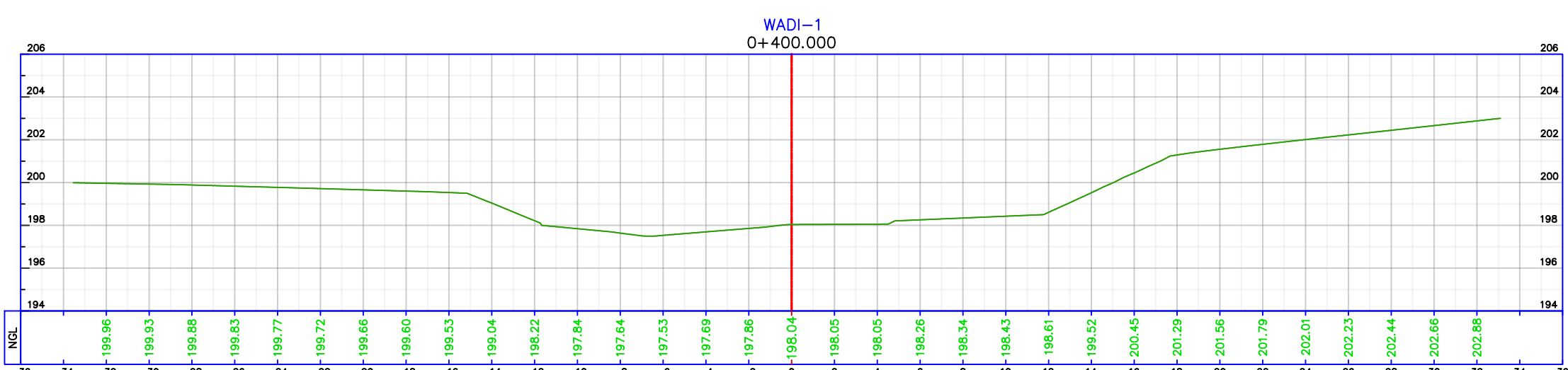
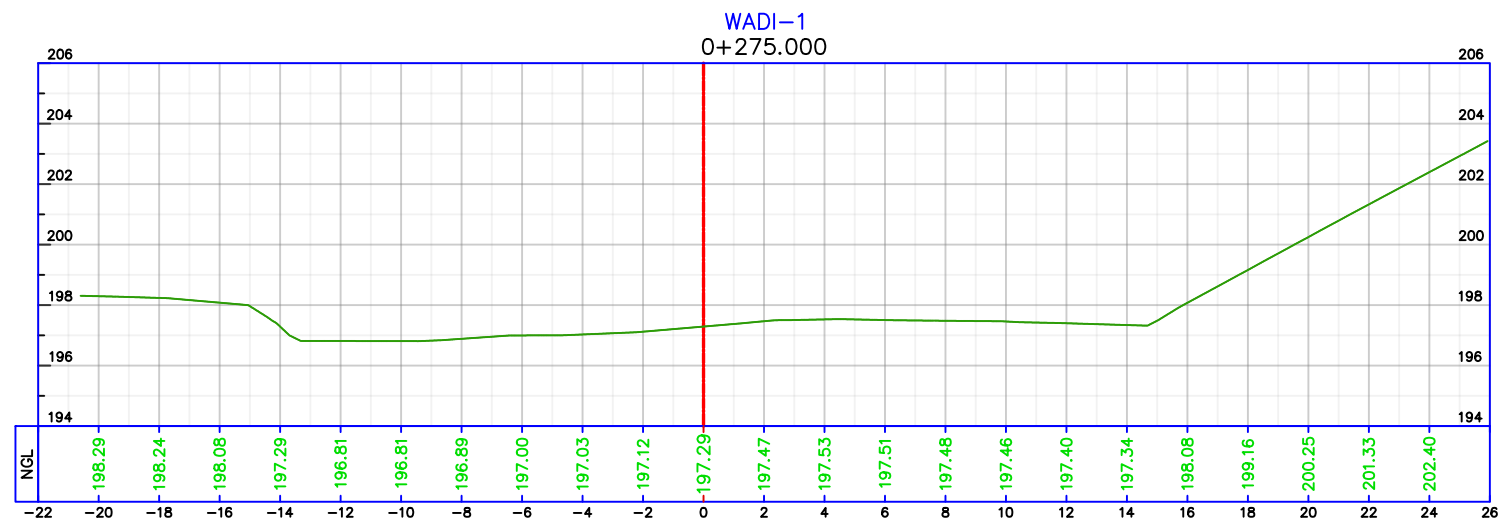


NOTES:

1- ALL DIMENSIONS & STATIONS ARE IN
METER UNLESS OTHER WISE STATED.

2- COORDINATES SYSTEM BASED ON
PALESTINE GRID 1923 (CASSINI)

REV. MARK	DATE	MADE BY	REMARKS
CLIENT		DANISH REFUGEE COUNCIL	
MP CE	MADI & PARTNERS CONSULTING ENGINEERS		
	TEL.5828640-5828641 FAX.5828642 e-mail : mpce@index.com.jo		
PROJECT		WADI ALMOUJIB FLOOD PROTECTION WORKS	
DRG. TITLE		TOPOGRAPHY SECTIONS-01	
DRAWN BY : CAD		SCALE: 1:250	
DESIGNED BY : A.A		DATE : JUL.-2026	
CHECKED BY : G.H		PROJECT No.	DRAWING No. TP-04
APPROVED BY: M.M			



CLIENT :

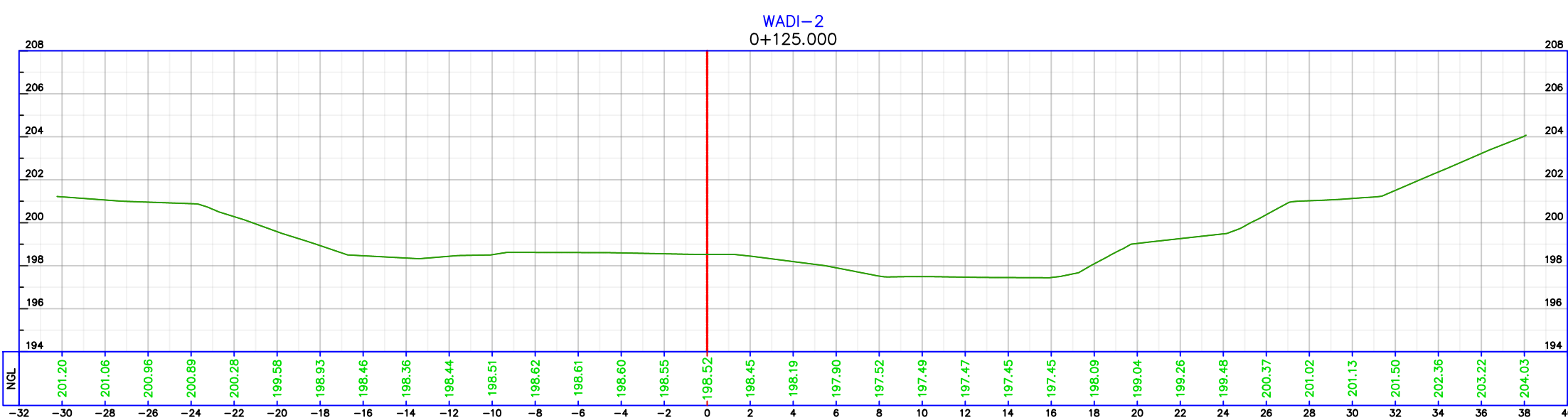
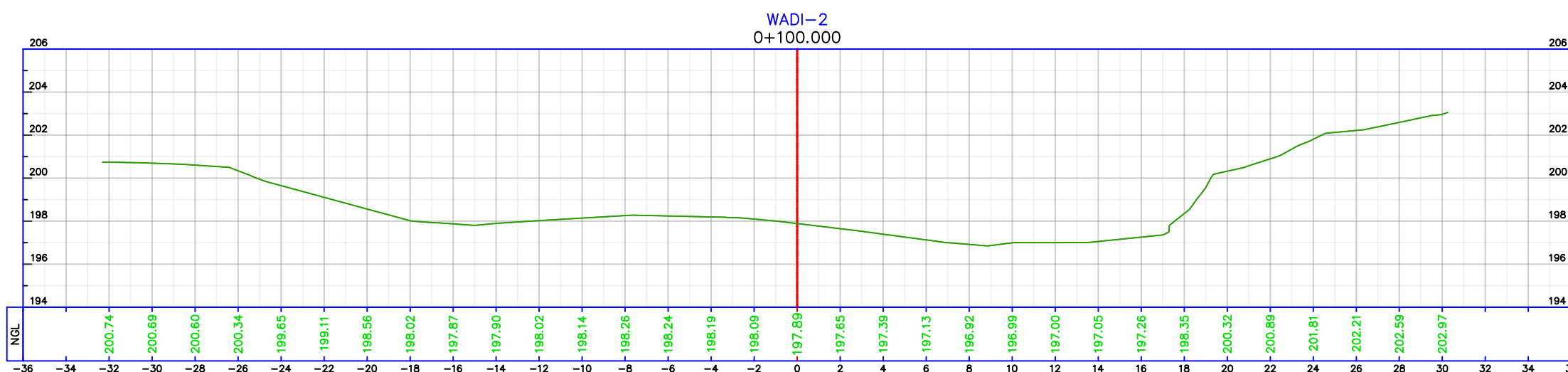
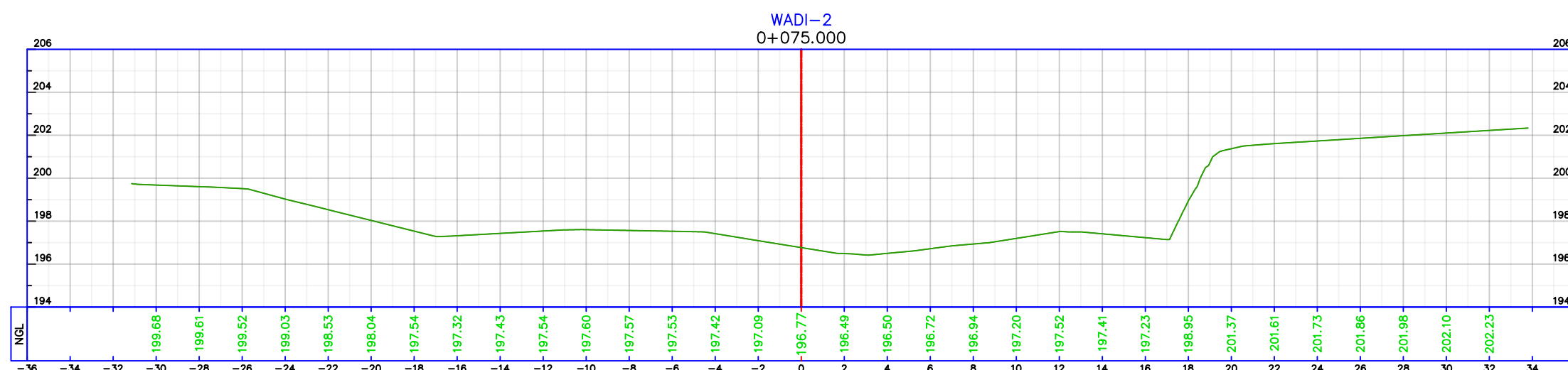
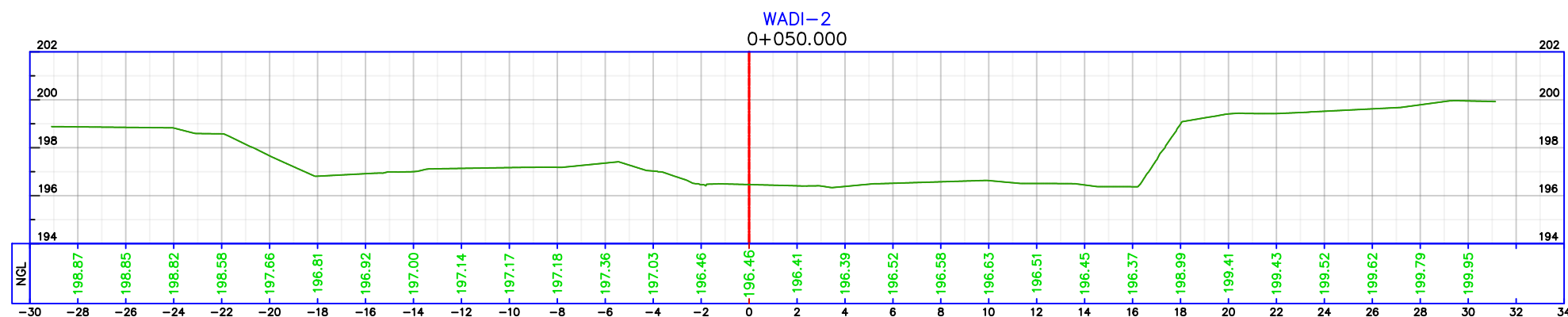
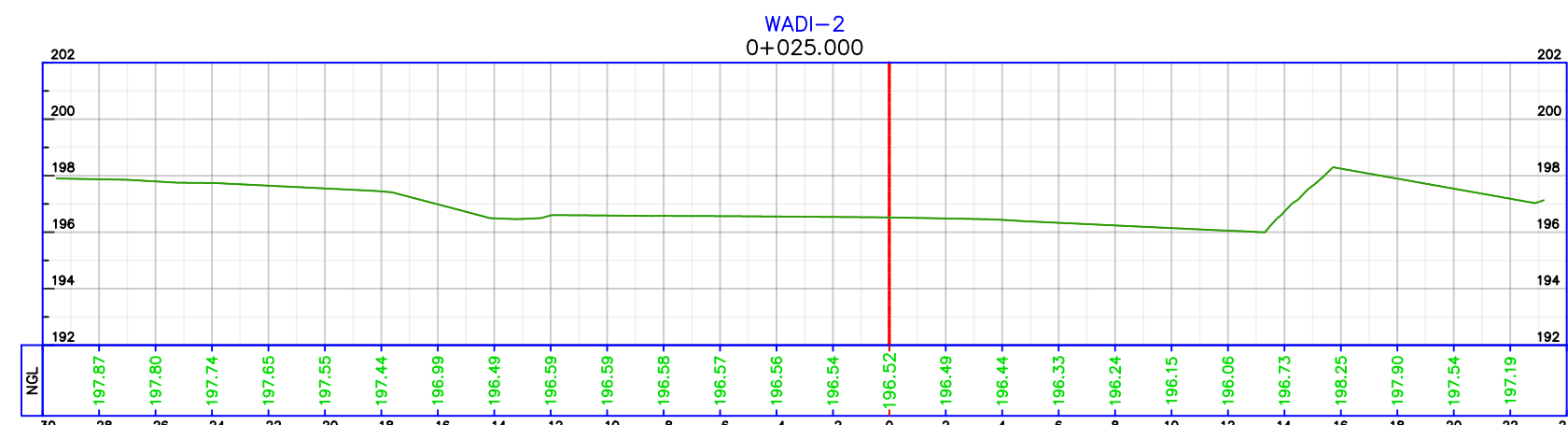
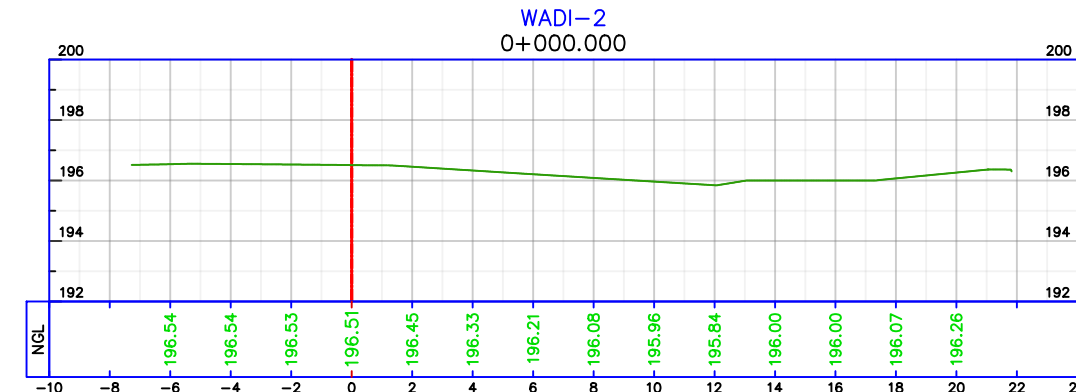
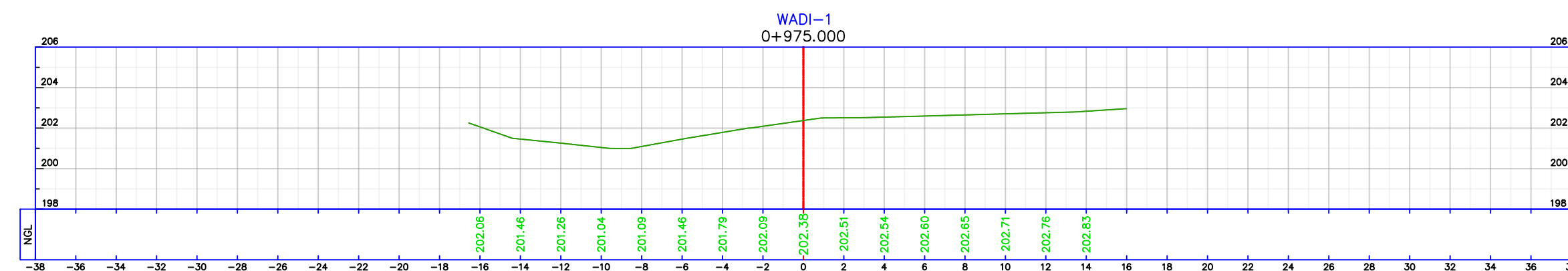
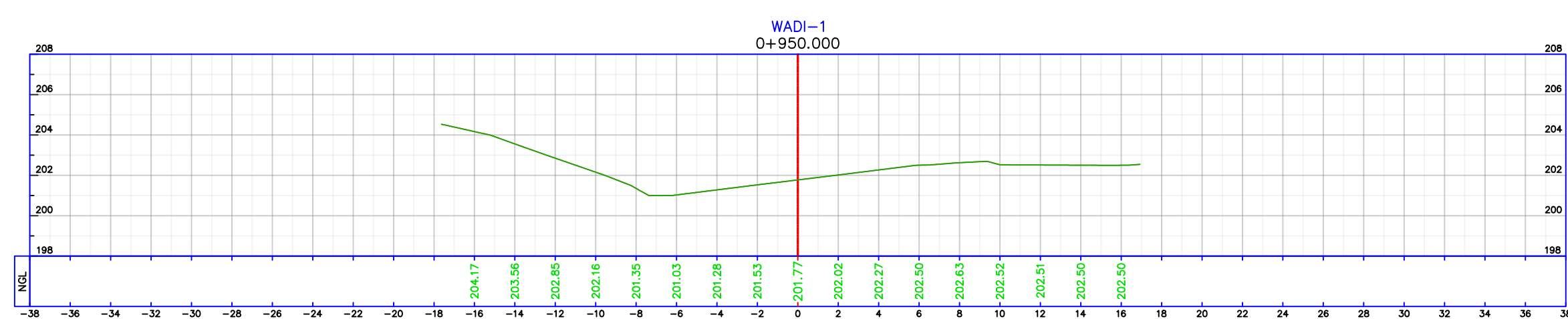
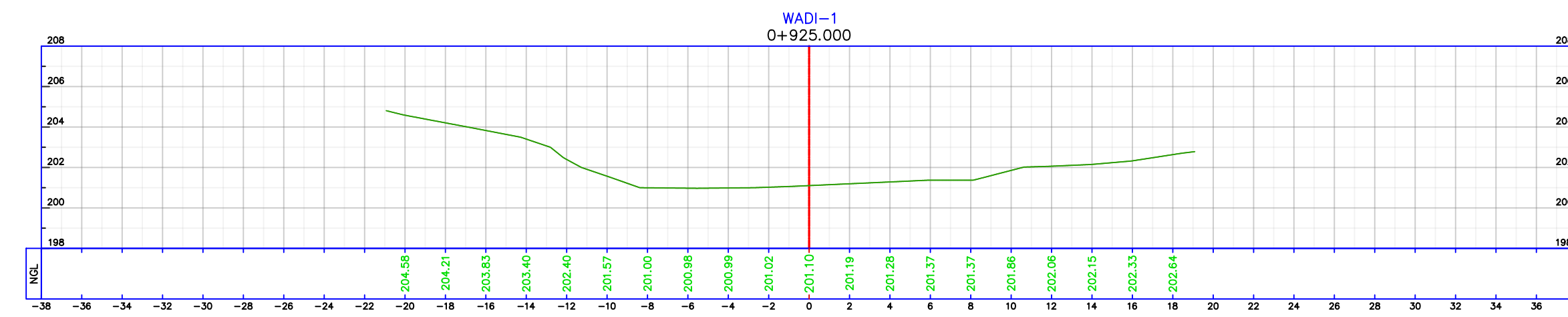
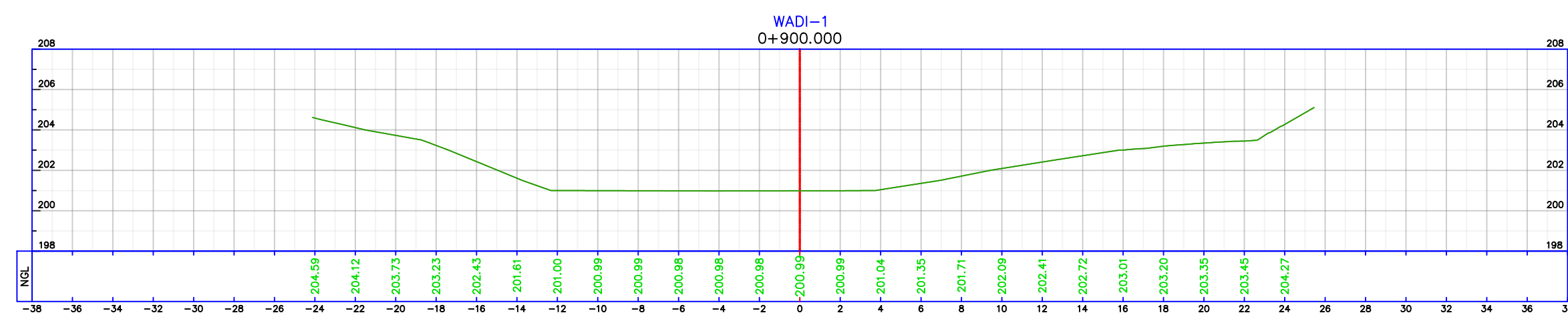
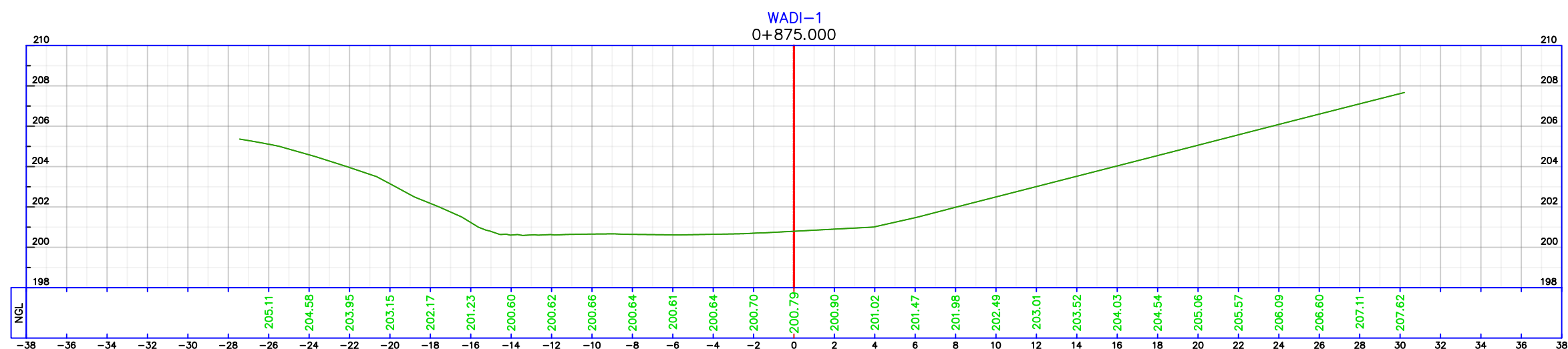
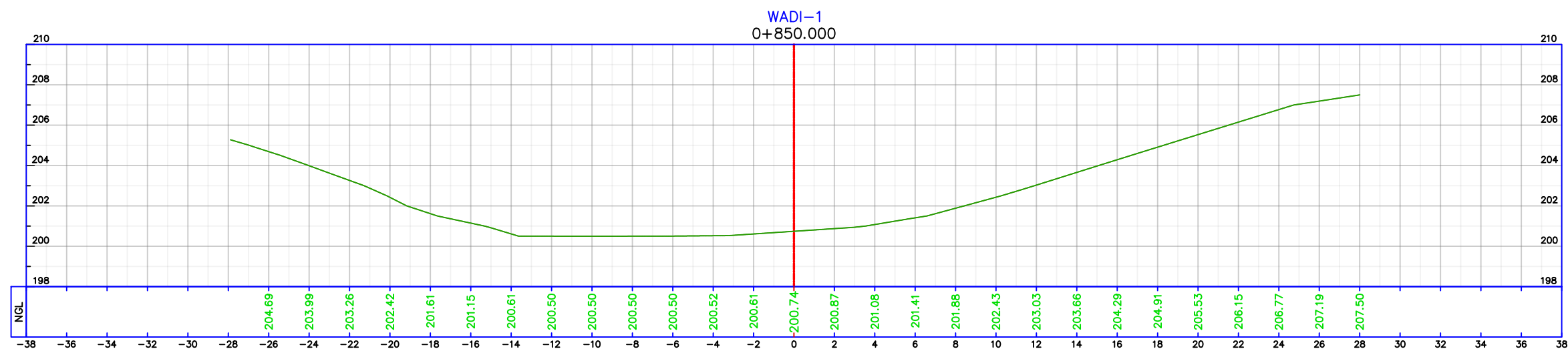
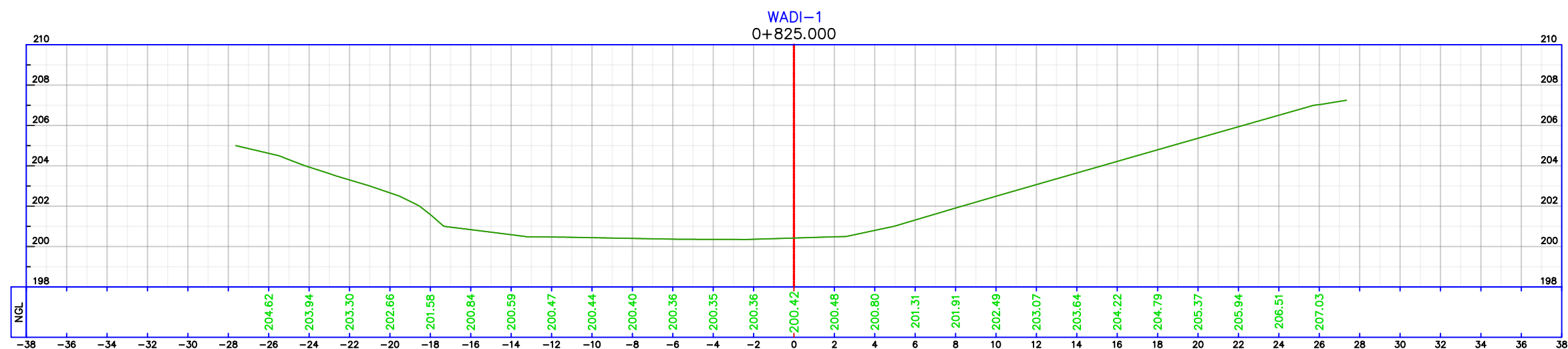
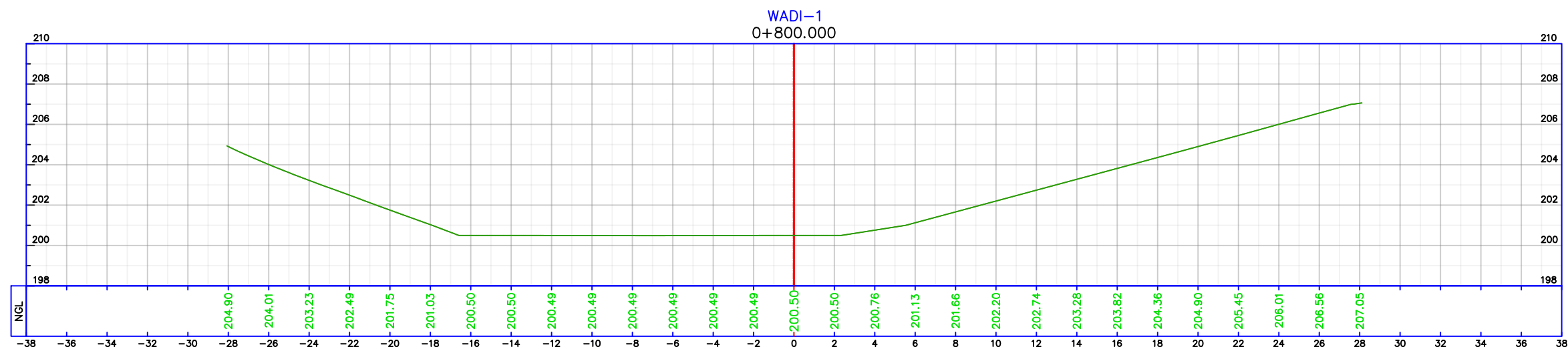


NOTES:

1- ALL DIMENSIONS & STATIONS ARE IN METER UNLESS OTHER WISE STATED.

2- COORDINATES SYSTEM BASED ON PALESTINE GRID 1923 (CASSINI)

REV.	MARK	DATE	MADE BY	REMARKS
CLIENT	DANISH REFUGEE COUNCIL			
PROJECT	WADI ALMOUJIB FLOOD PROTECTION WORKS			
DRG. TITLE	TOPOGRAPHY SECTIONS-02			
DRAWN BY	CAD		SCALE: 1:250	
DESIGNED BY	A.A		DATE : JUL-2026	
CHECKED BY	G.H		PROJECT No.	DRAWING No.
APPROVED BY	M.M			TP-05



CLIENT :

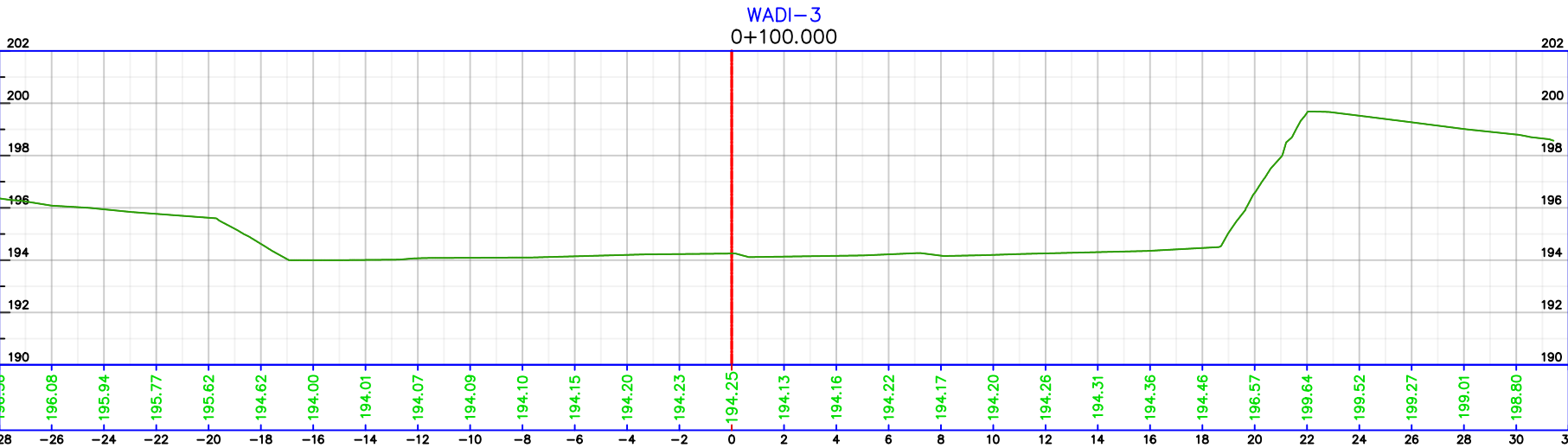
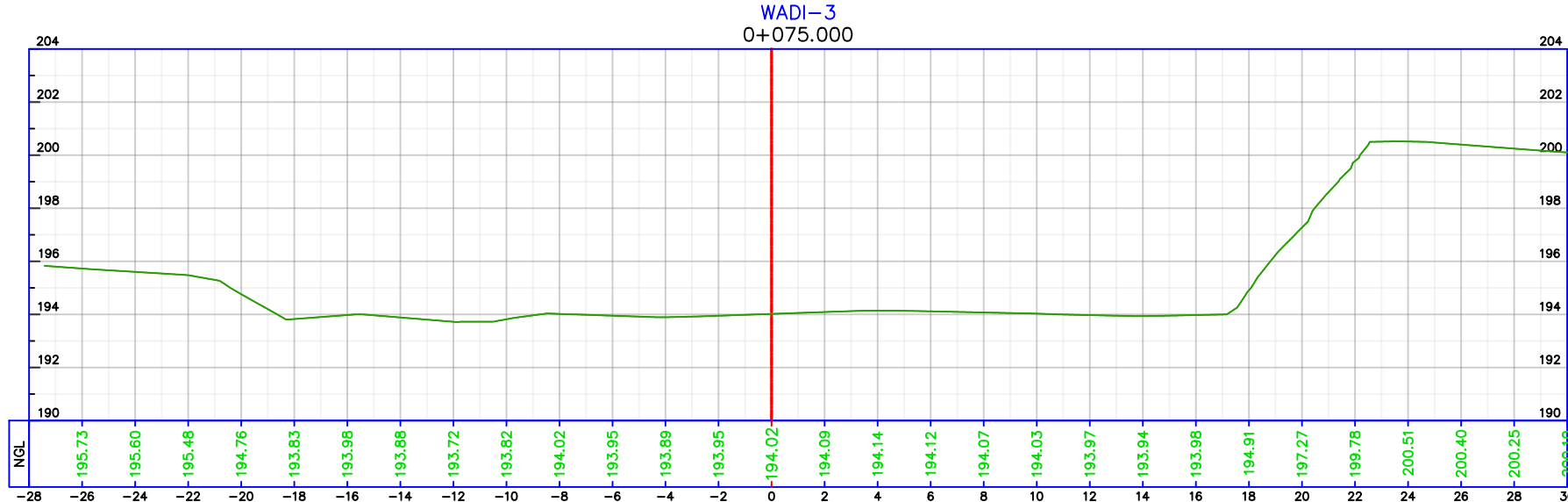
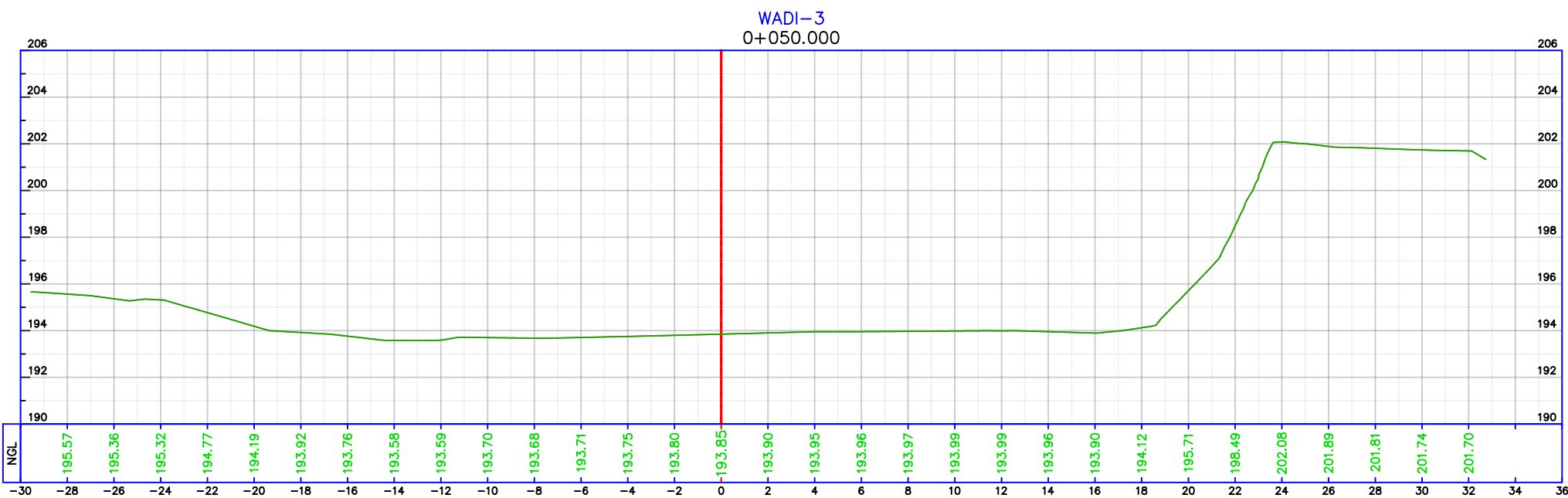
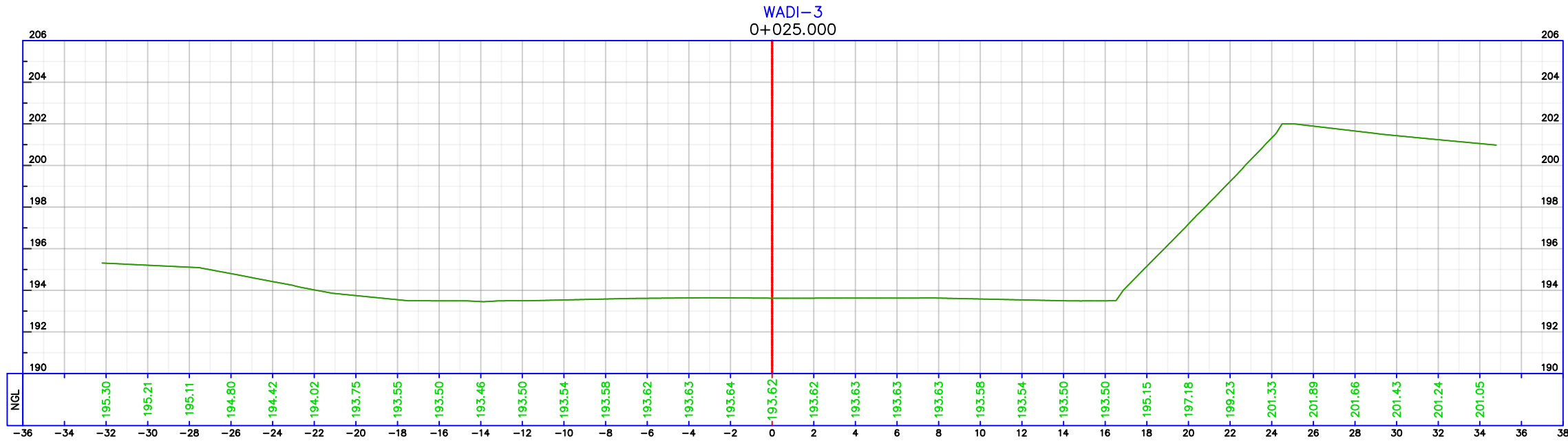
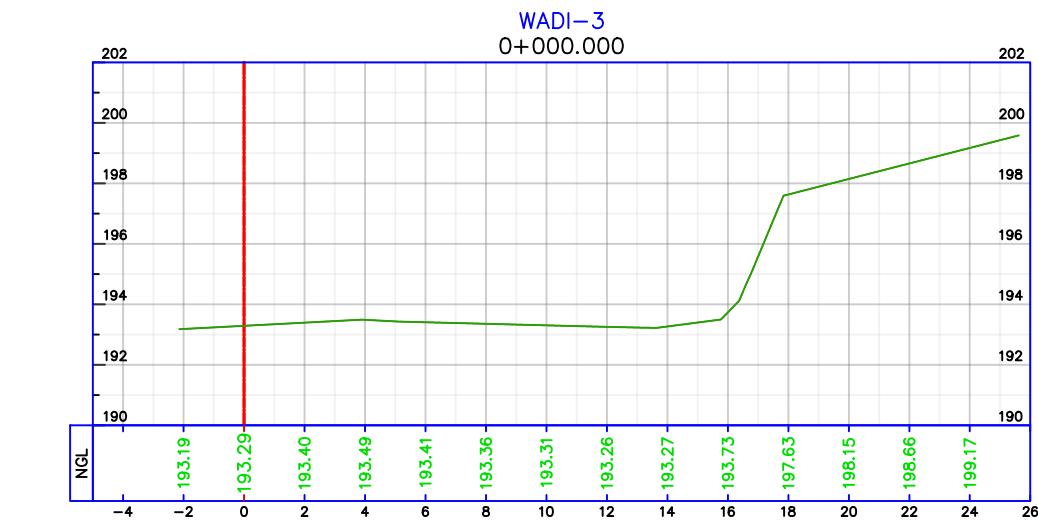
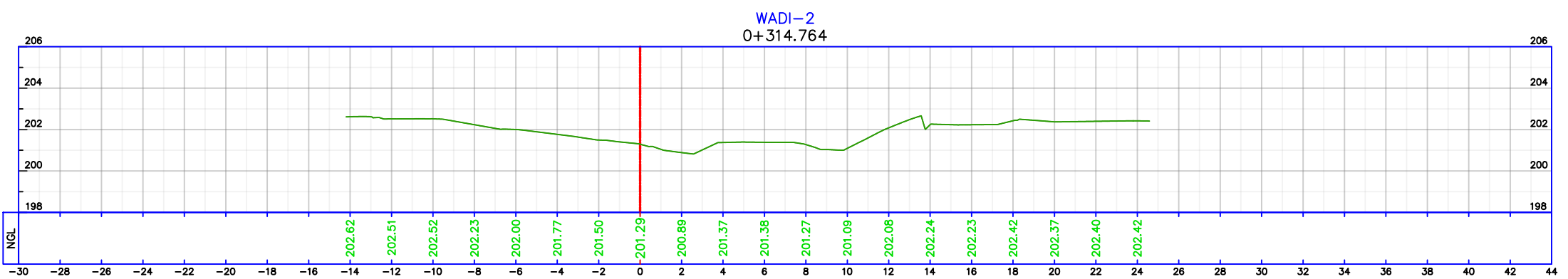
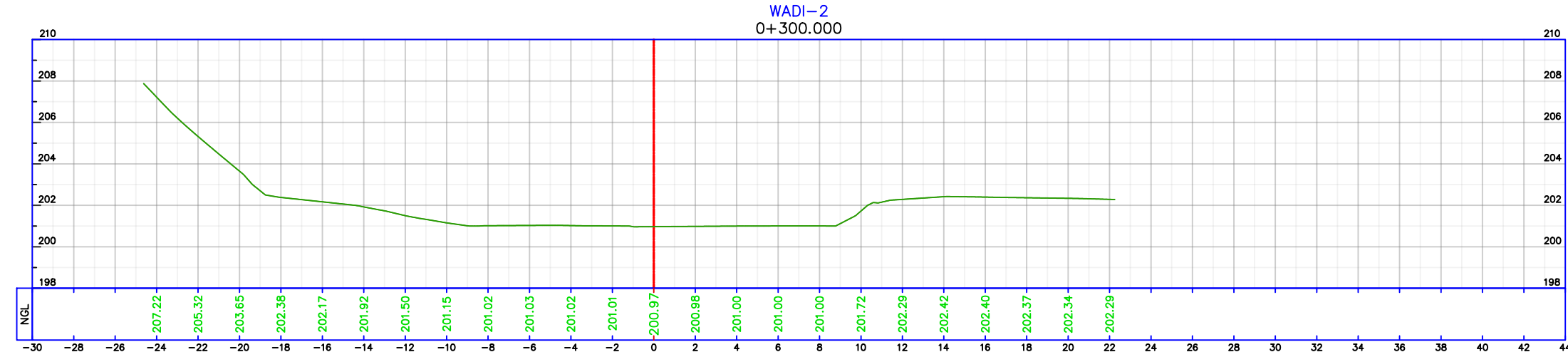
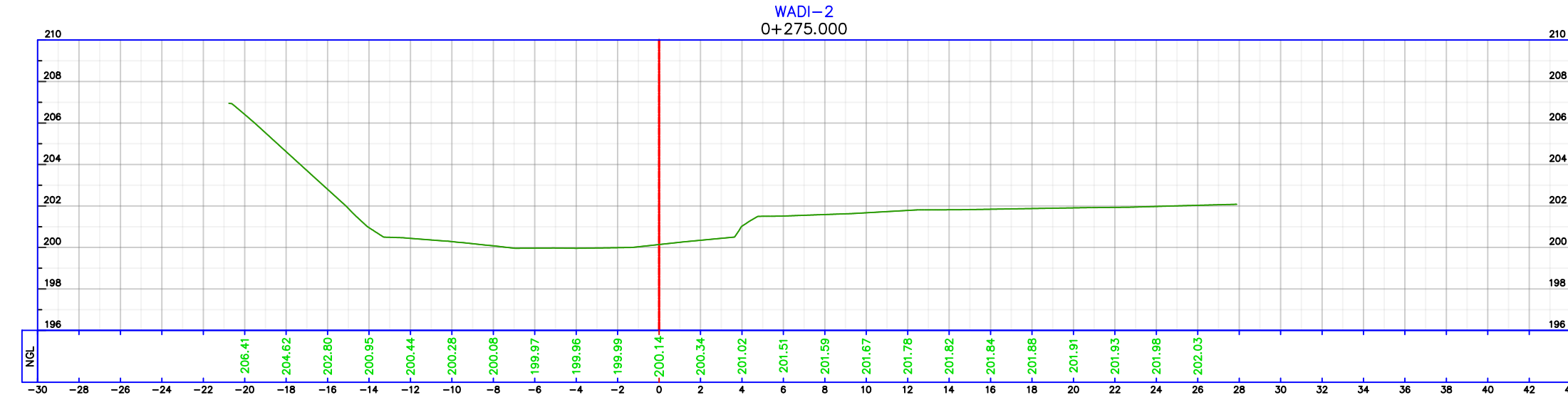
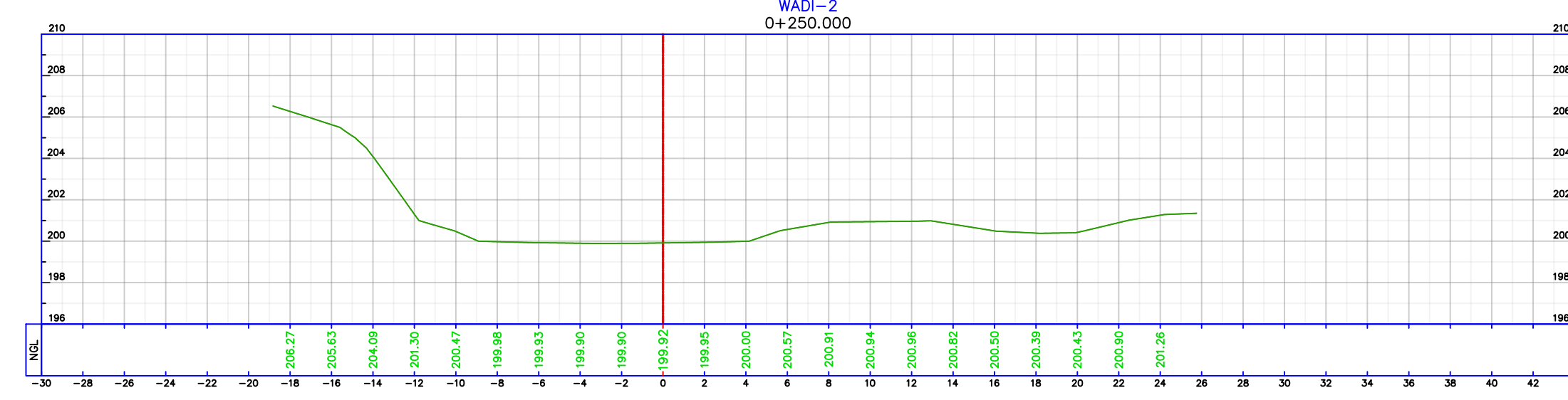
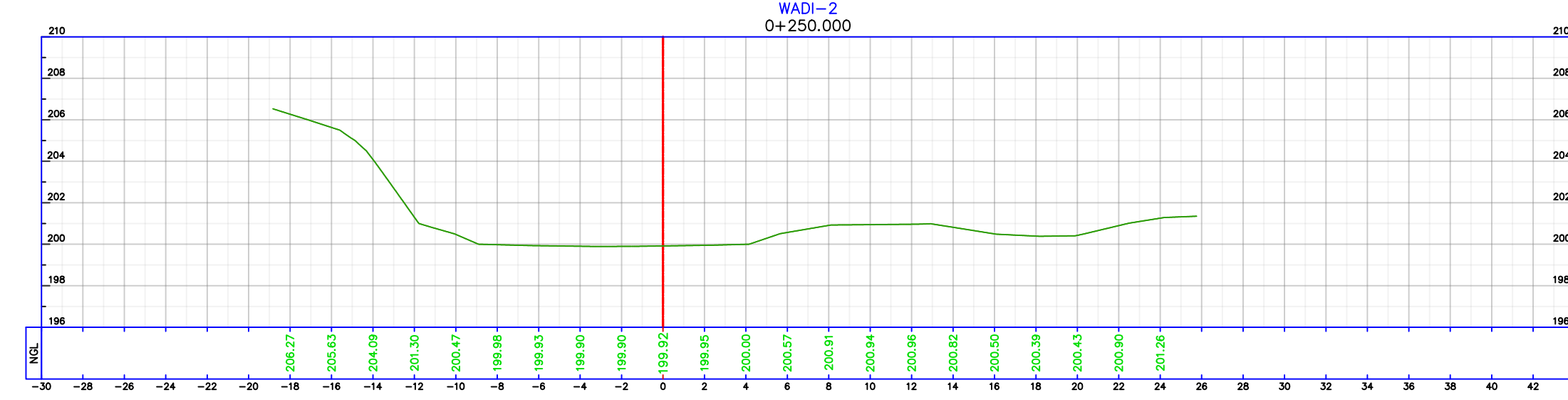
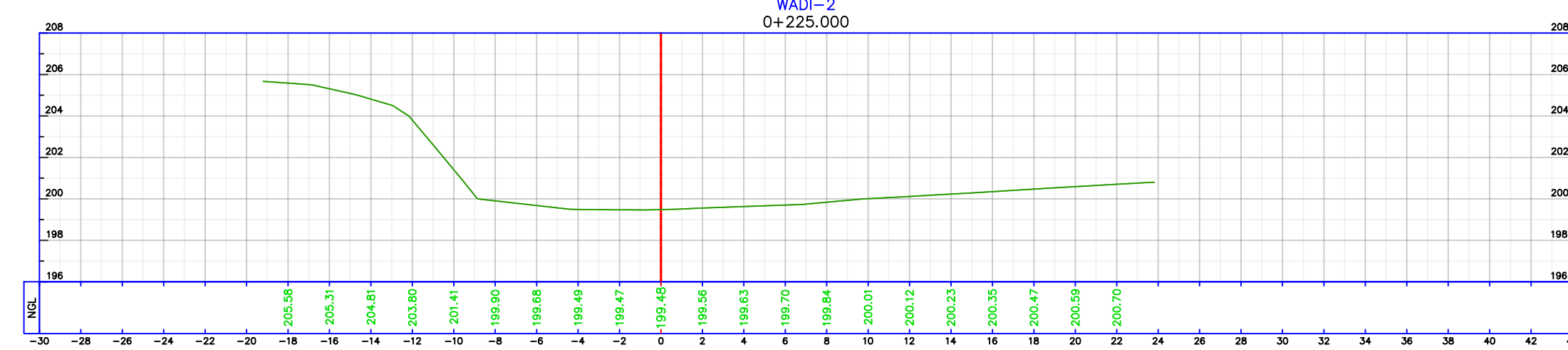
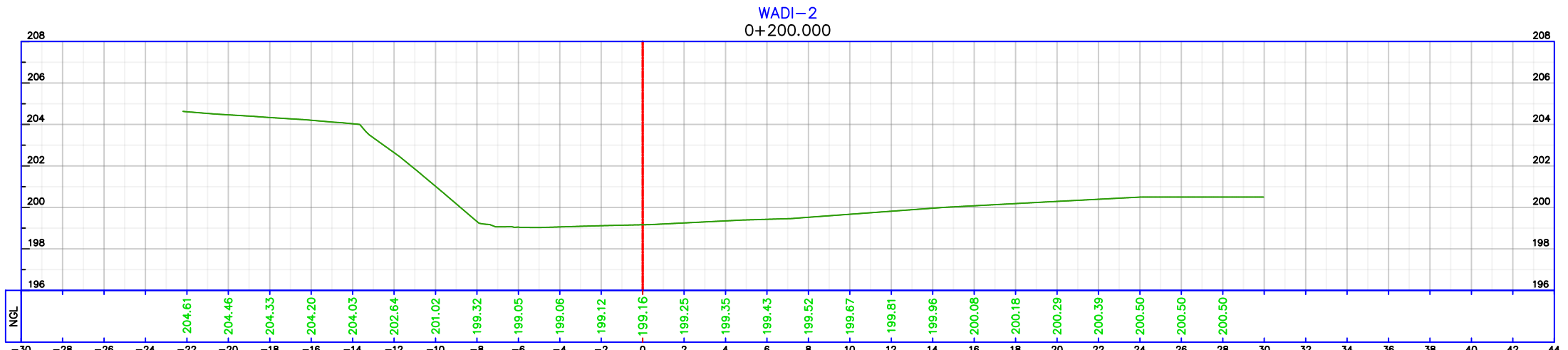
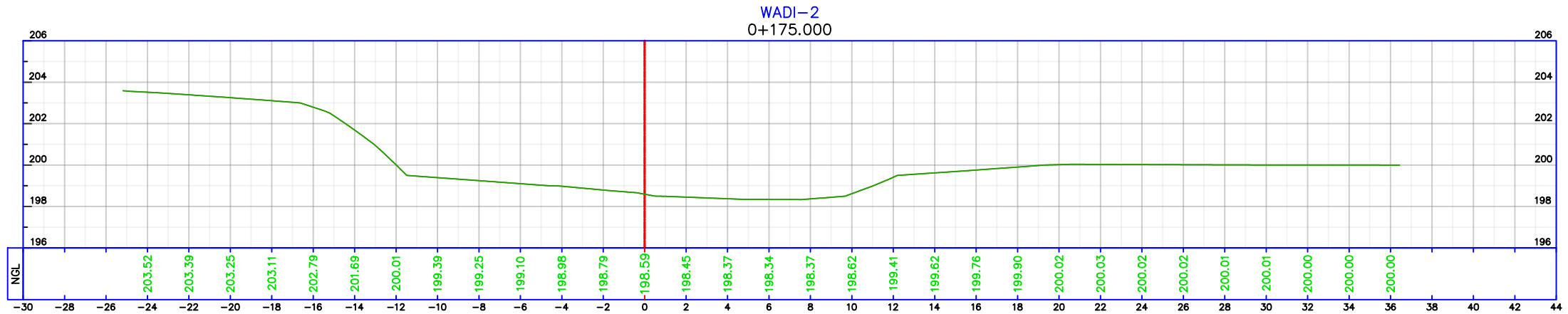
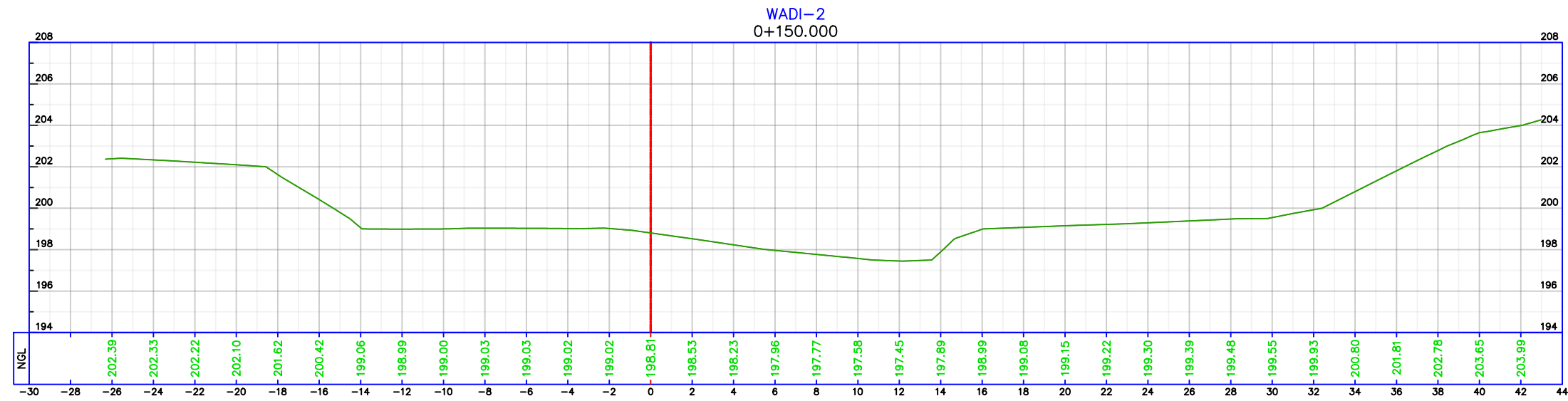


NOTES:

1- ALL DIMENSIONS & STATIONS ARE IN METER UNLESS OTHER WISE STATED.

2- COORDINATES SYSTEM BASED ON PALESTINE GRID 1923 (CASSINI)

REV. MARK	DATE	MADE BY	REMARKS	
CLIENT		DANISH REFUGEE COUNCIL		
MP CE	MADI & PARTNERS CONSULTING ENGINEERS			
	TEL.5829640- 5829641 FAX.5829642 e-mail : mpce@index.com.jo			
PROJECT		WADI ALMOUJIB FLOOD PROTECTION WORKS		
DRG. TITLE		TOPOGRAPHY SECTIONS-03		
DRAWN BY : CAD			SCALE: 1:250	
DESIGNED BY : A.A			DATE : JUL.-2026	
CHECKED BY : G.H			PROJECT No.	DRAWING No. TP -06
APPROVED BY: M.M				



CLIENT :

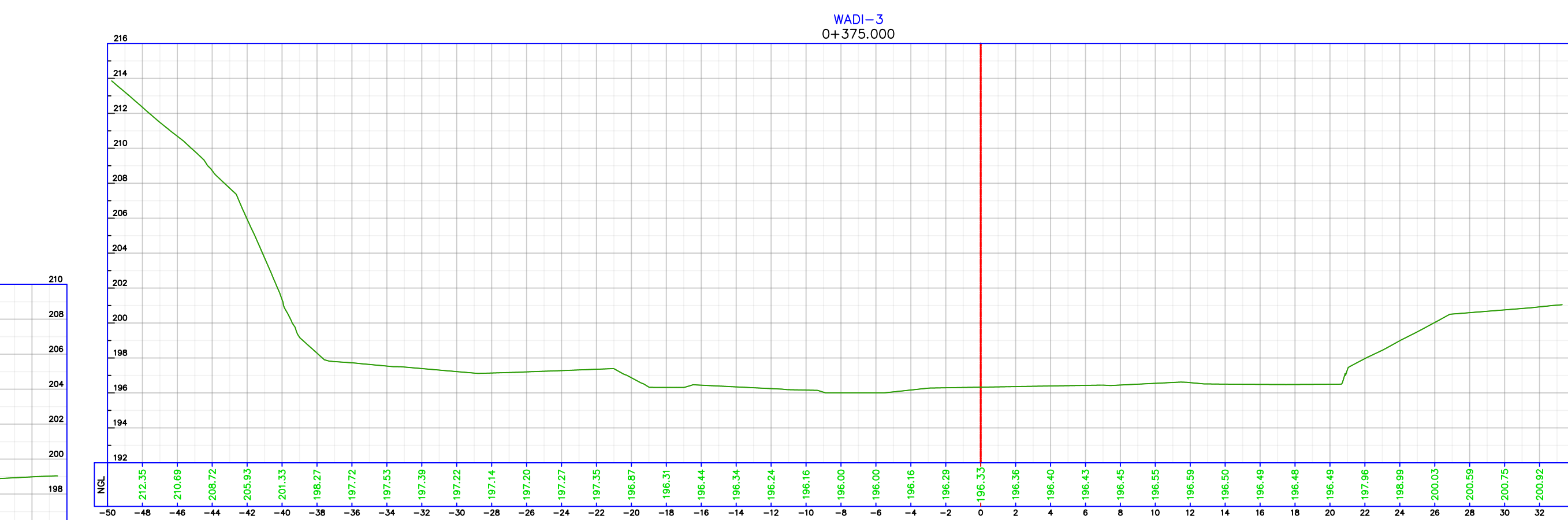
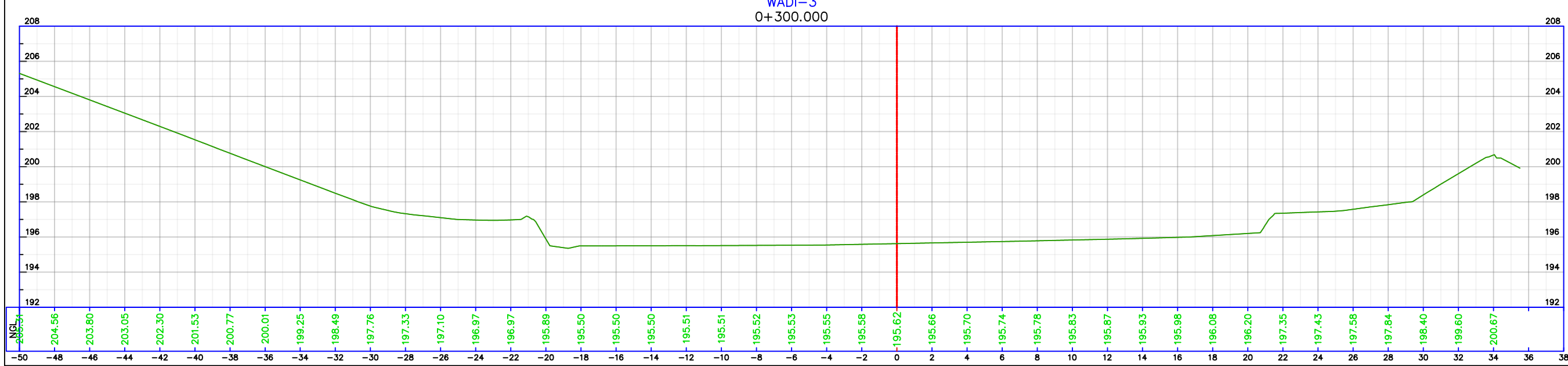


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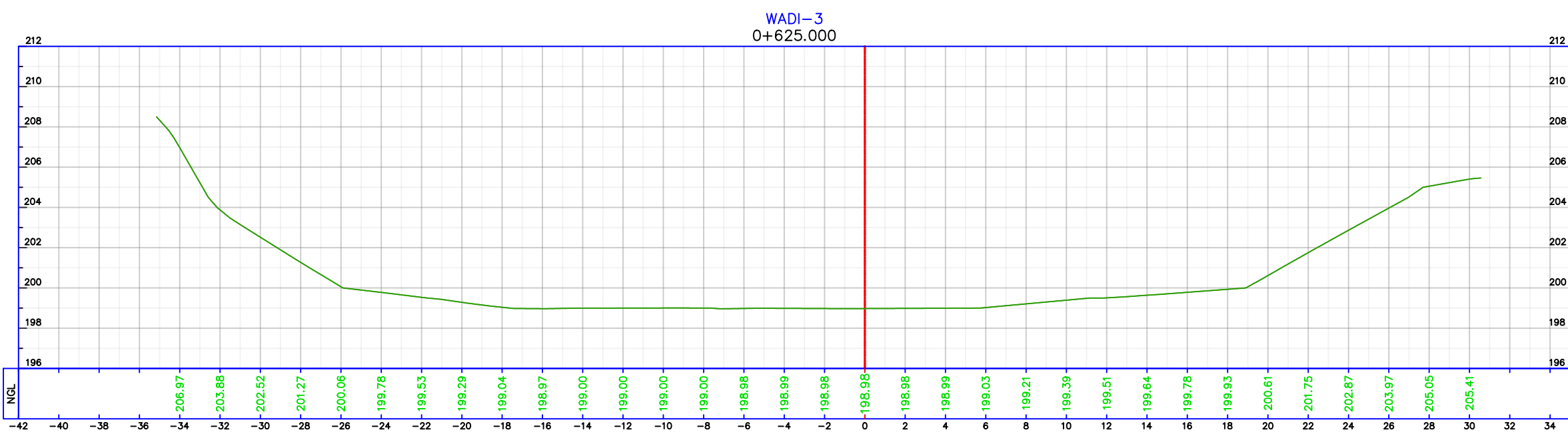
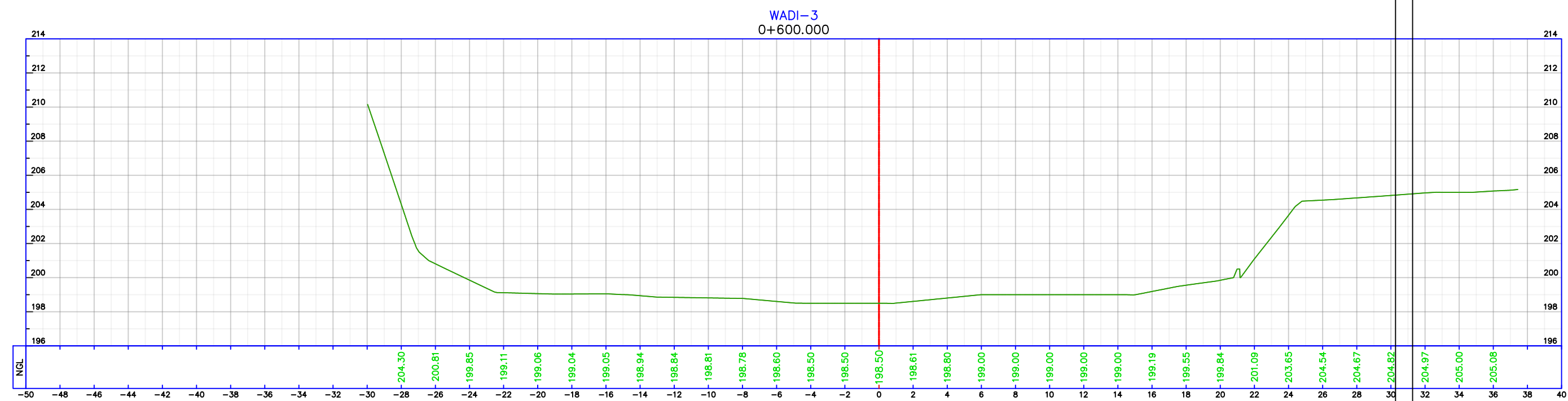
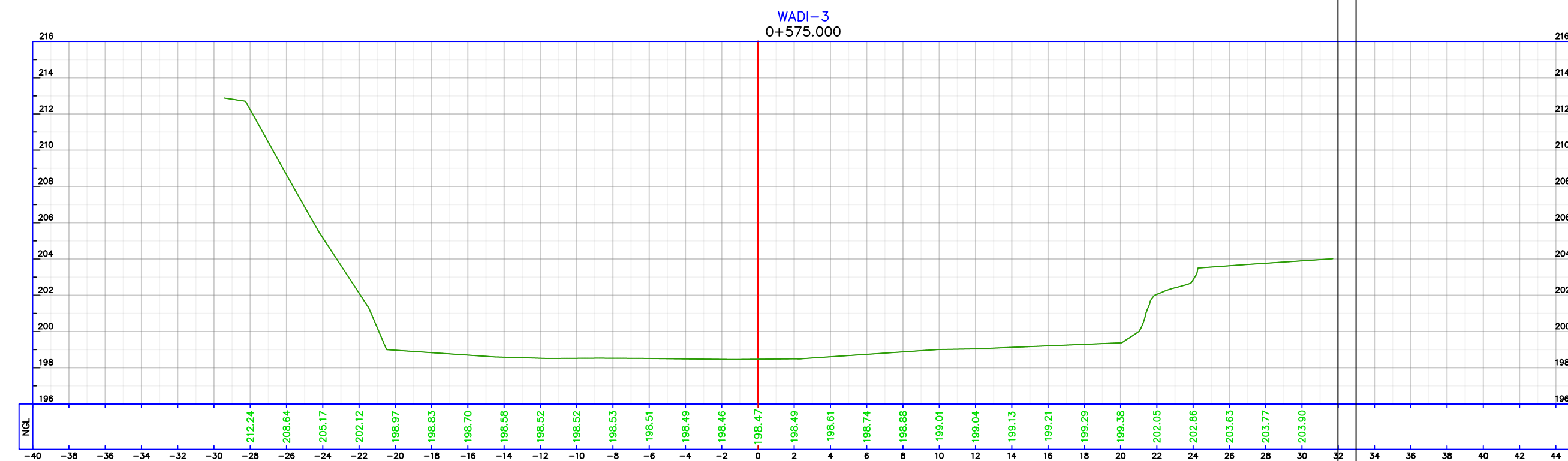
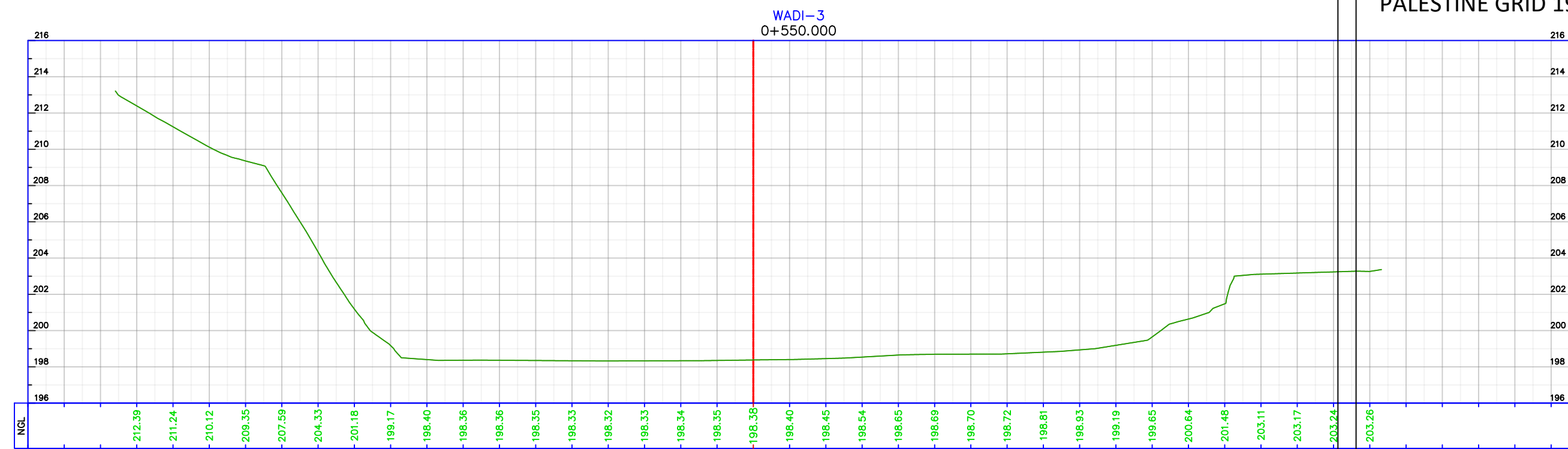
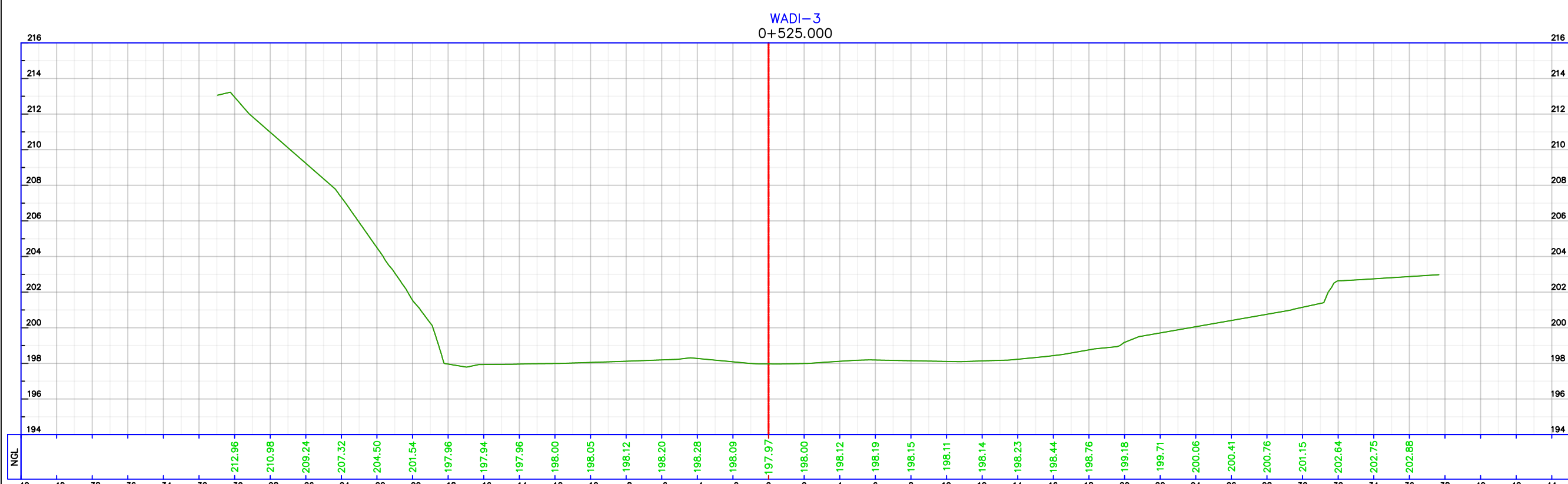
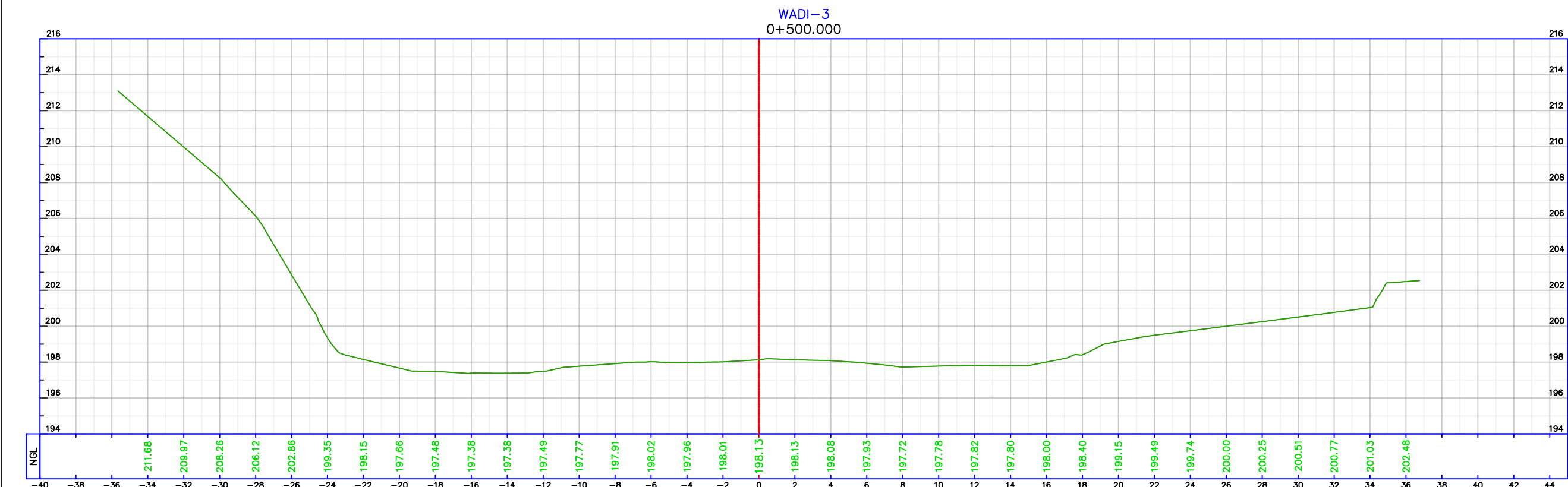
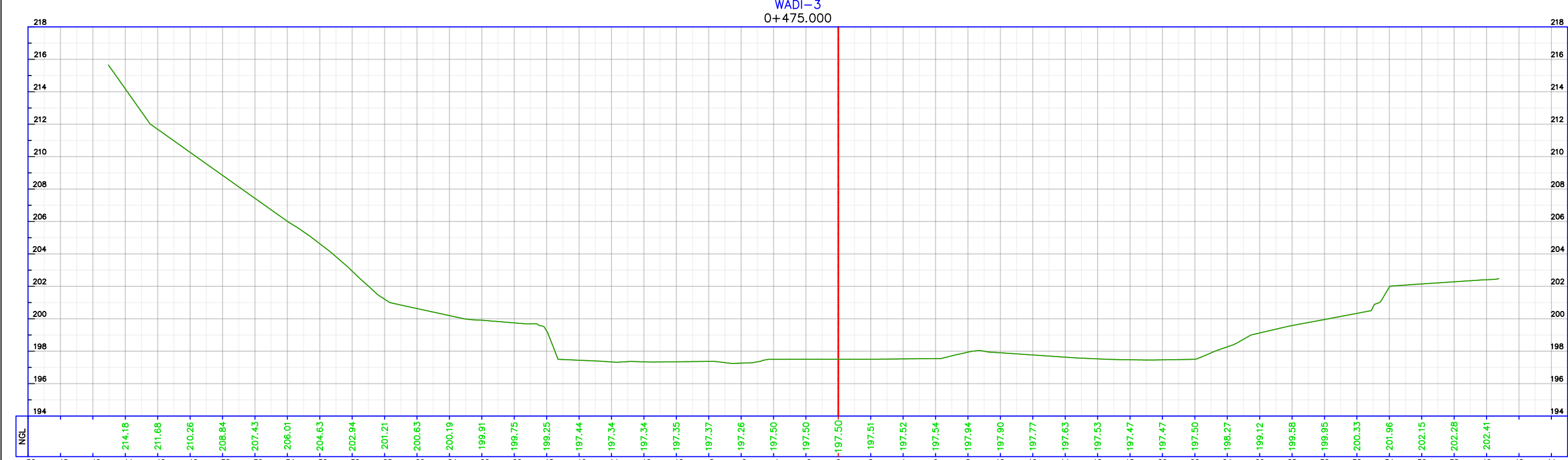
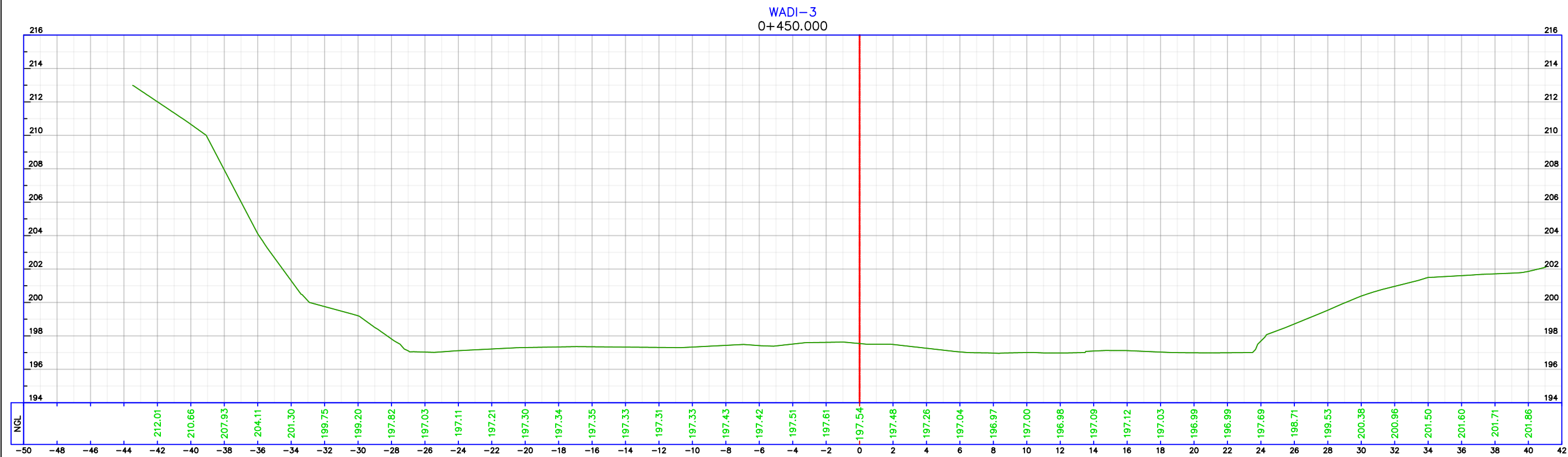
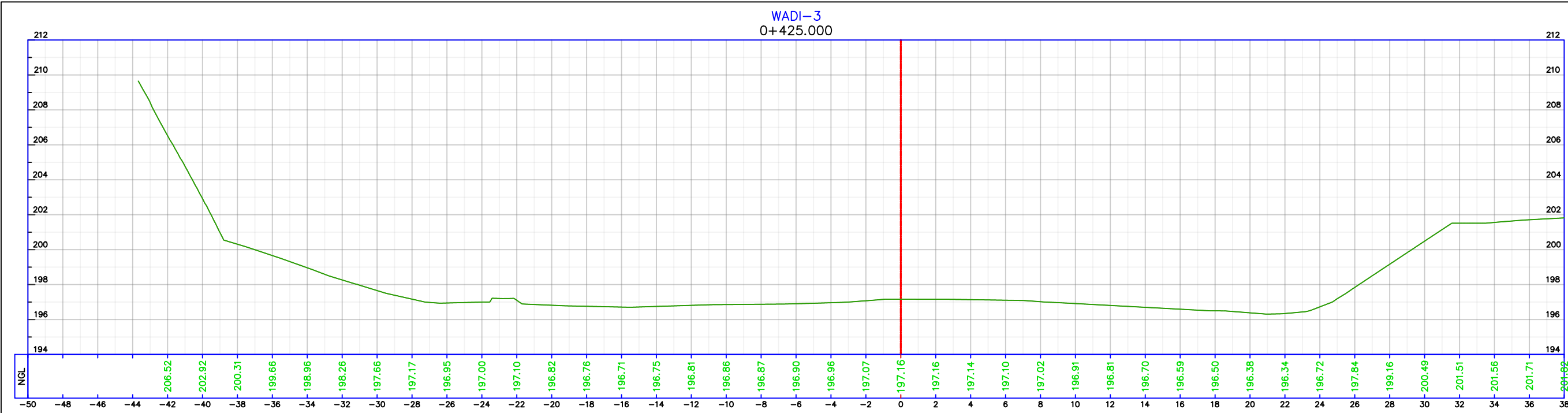
1- ALL DIMENSIONS & STATIONS ARE IN METER UNLESS OTHER WISE STATED.

2- COORDINATES SYSTEM BASED ON PALESTINE GRID 1923 (CASSINI)

REV.	MARK	DATE	MADE BY	REMARKS
CLIENT	DANISH REFUGEE COUNCIL			
PROJECT	WADI ALMOUJIB FLOOD PROTECTION WORKS			
DRG. TITLE	TOPOGRAPHY SECTIONS-04			
DRAWN BY	CAD		SCALE: 1:250	
DESIGNED BY	A.A		DATE : JUL-2026	
CHECKED BY	G.H		PROJECT No.	DRAWING No.
APPROVED BY	M.M		TP-07	



REV.	MARK	DATE	MADE BY	REMARKS	
CLIENT		DANISH REFUGEE COUNCIL			
MP CE		MADI & PARTNERS CONSULTING ENGINEERS TEL.5829640-5829641 FAX.5829642 e-mail : mpce@index.com.jo			
PROJECT		WADI ALMOUJIB FLOOD PROTECTION WORKS			
DRG. TITLE		TOPOGRAPHY SECTIONS-05			
DRAWN BY : CAD			SCALE: 1:250		
DESIGNED BY : A.A			DATE : JUL.-2026		
CHECKED BY : G.H			PROJECT No. DRAWING No. TP-08		
APPROVED BY: M.M					



CLIENT :

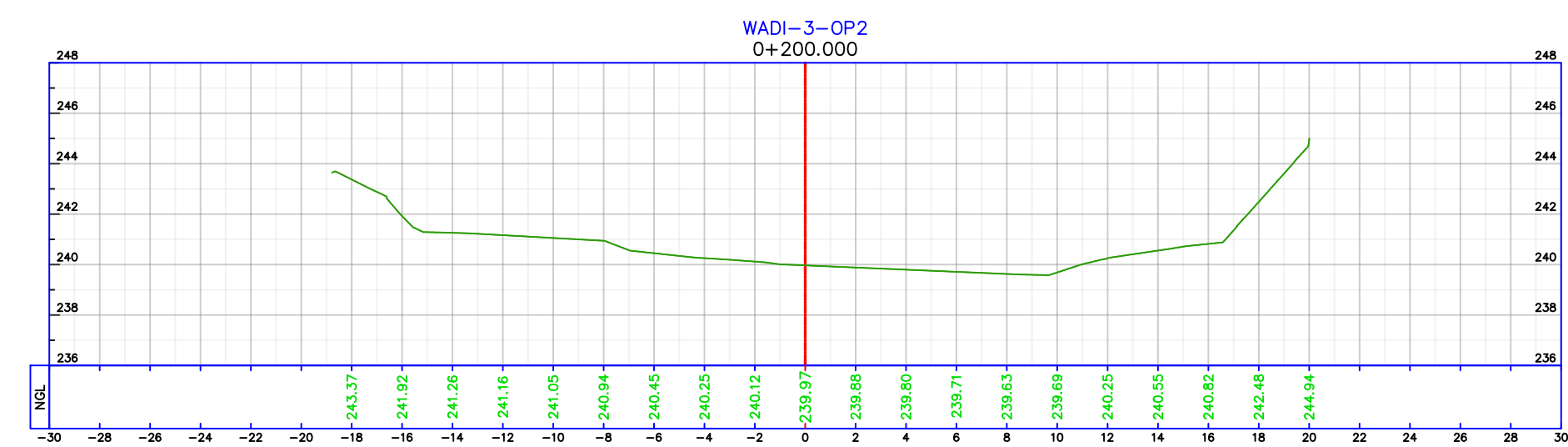
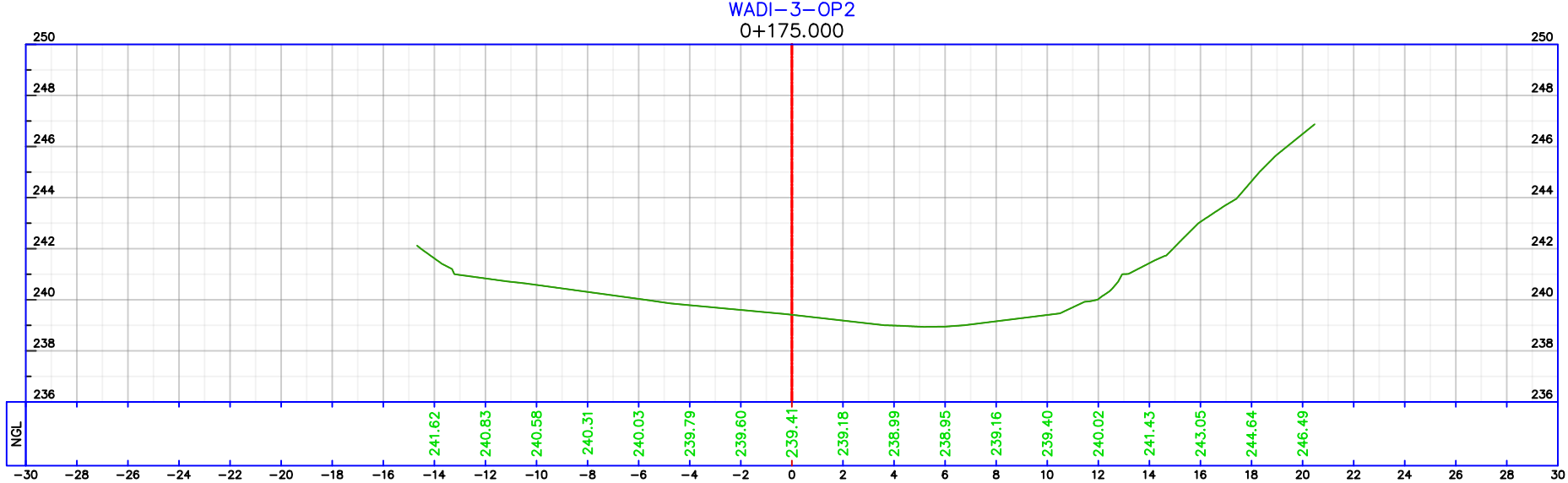
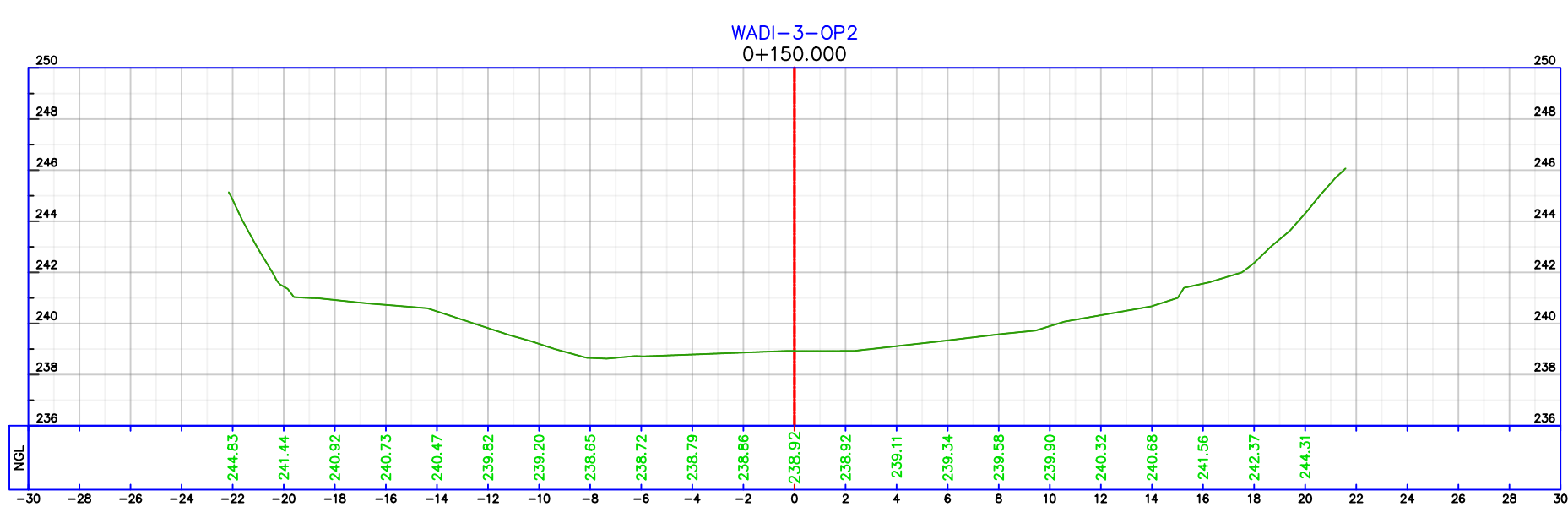
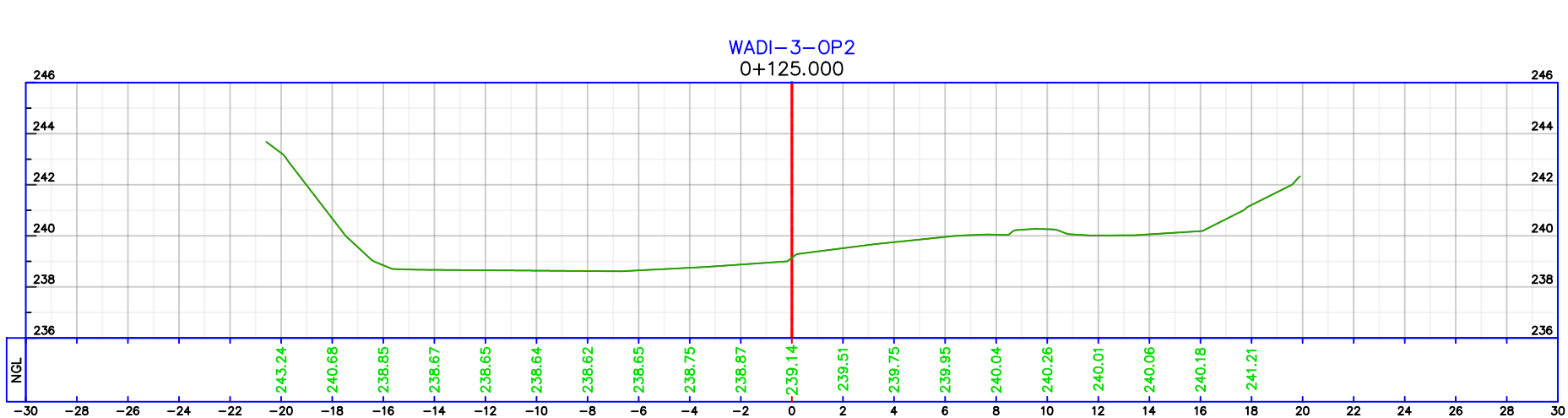
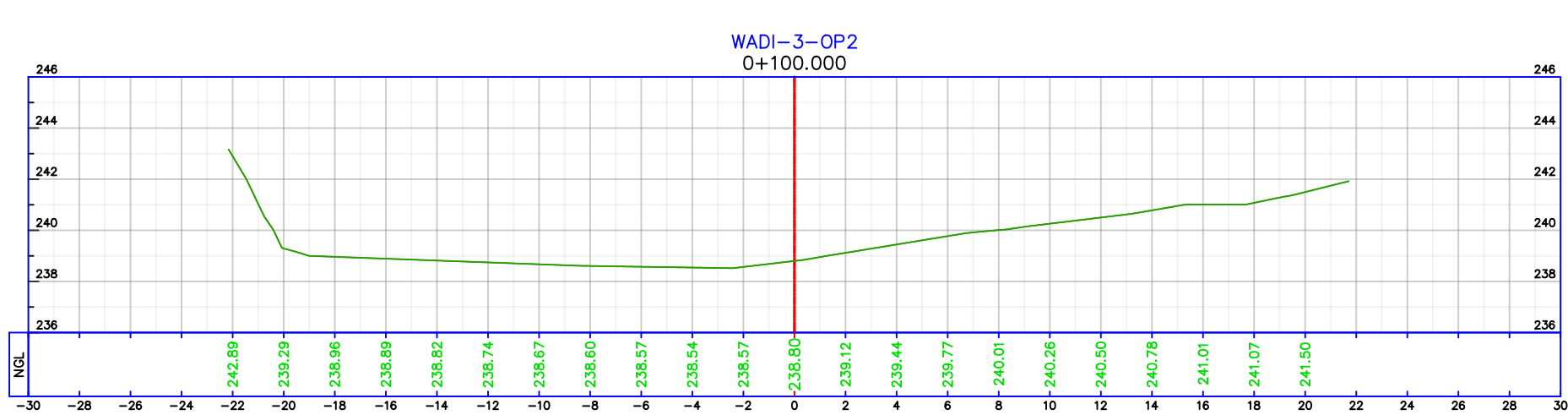
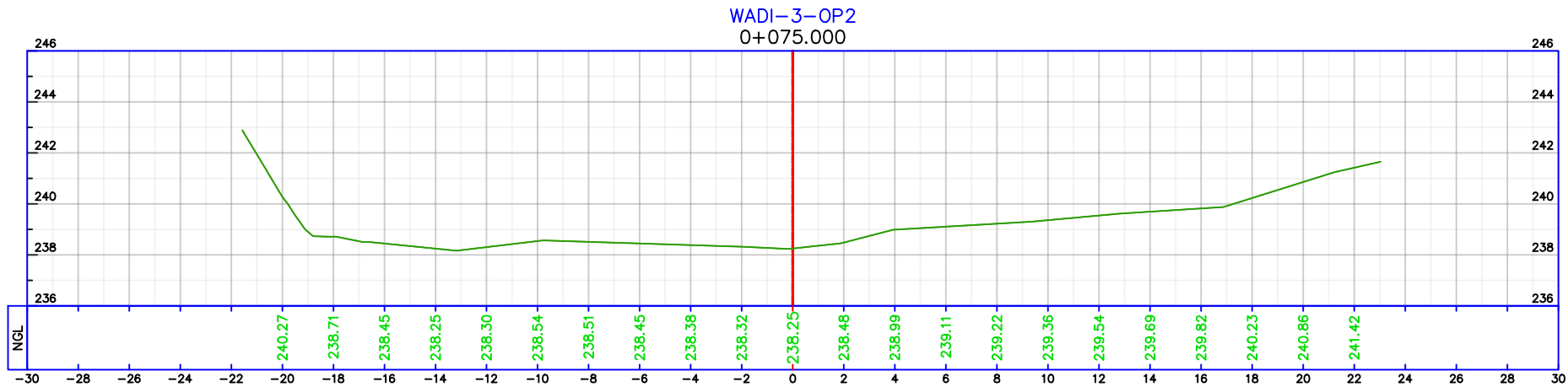
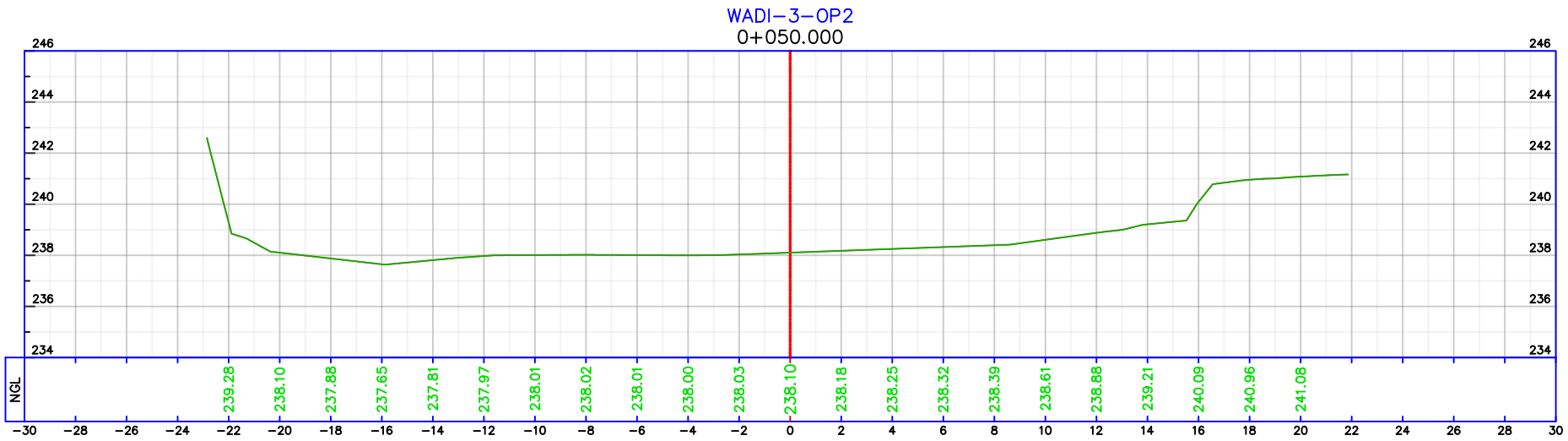
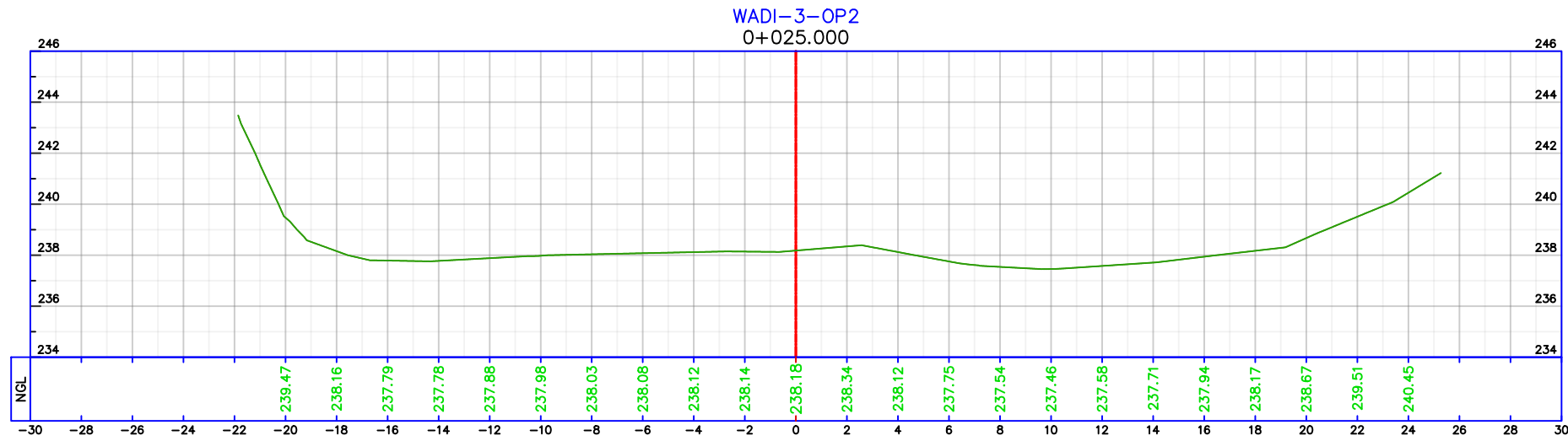
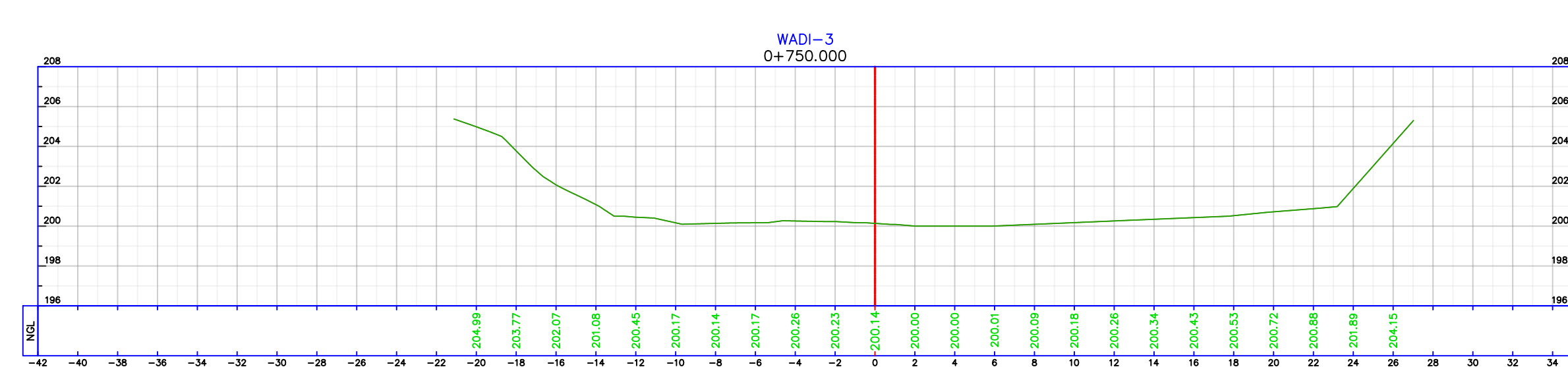
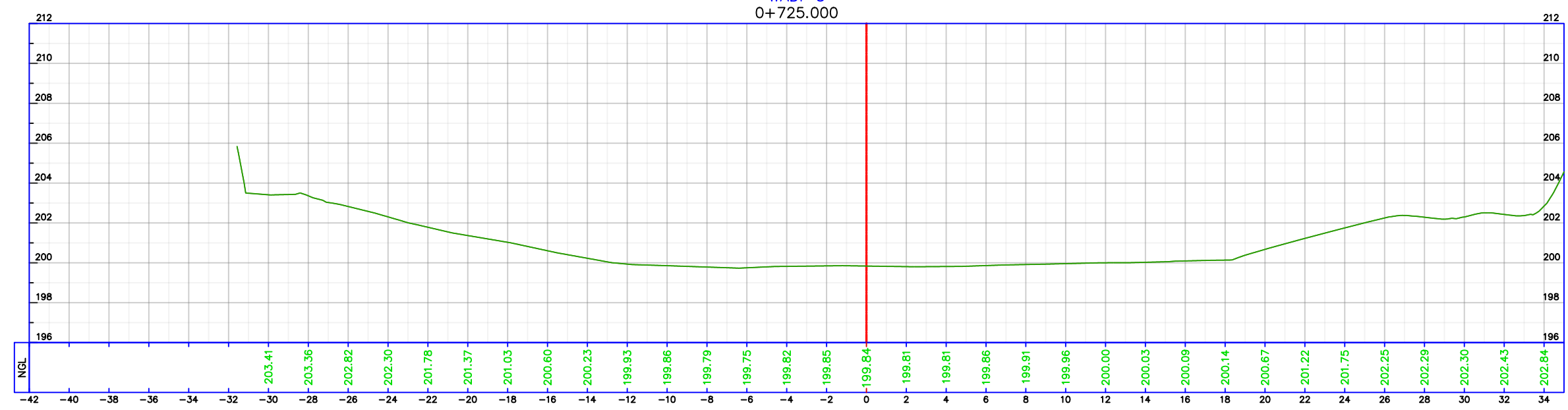
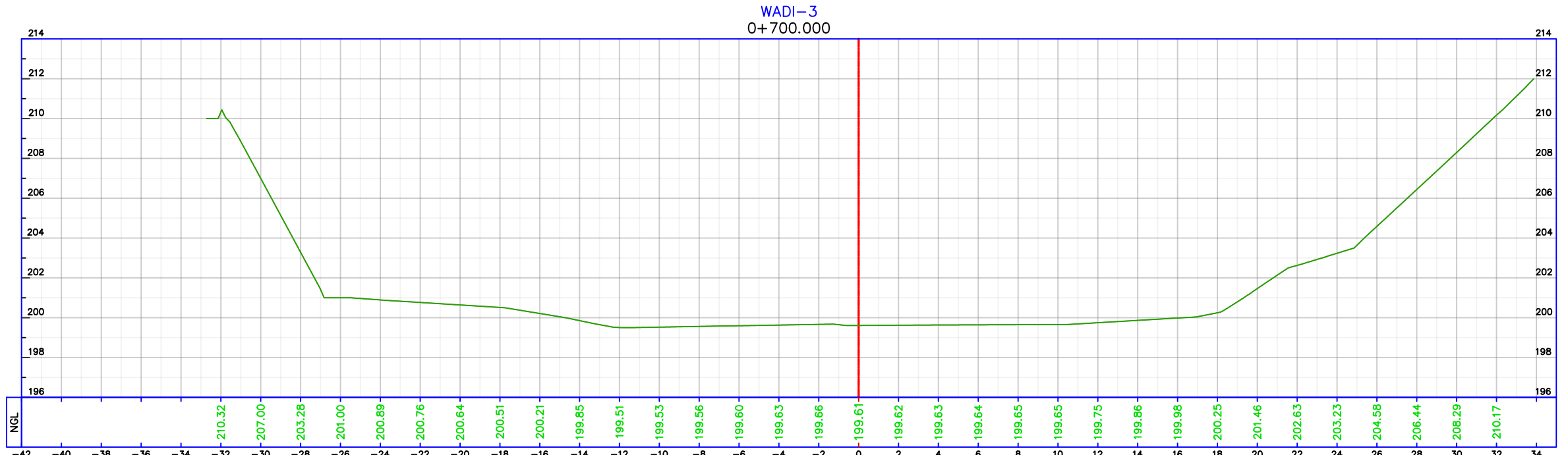
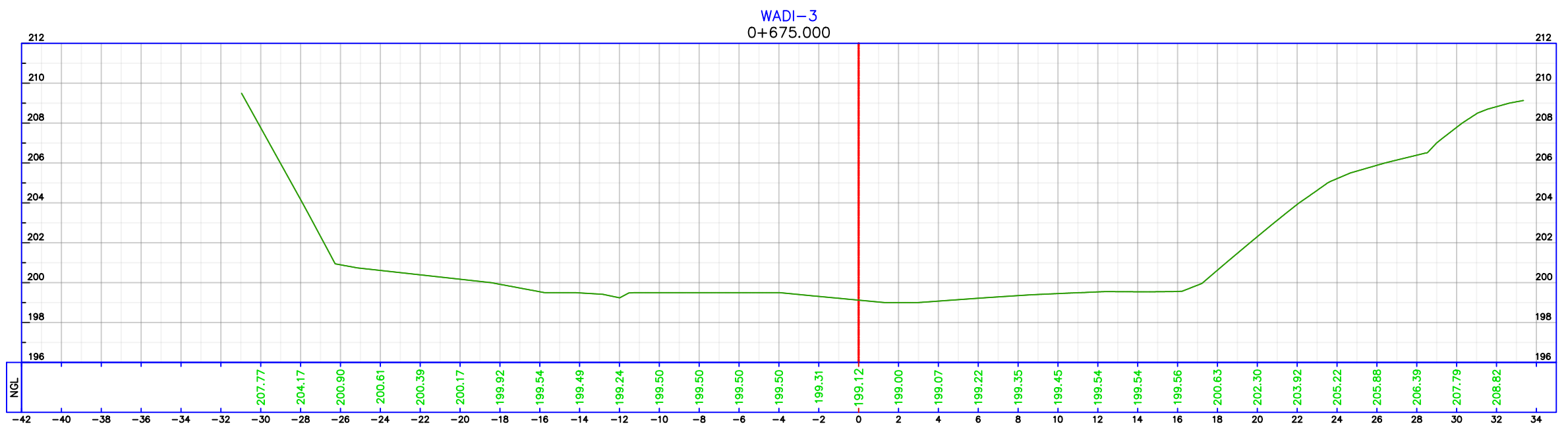
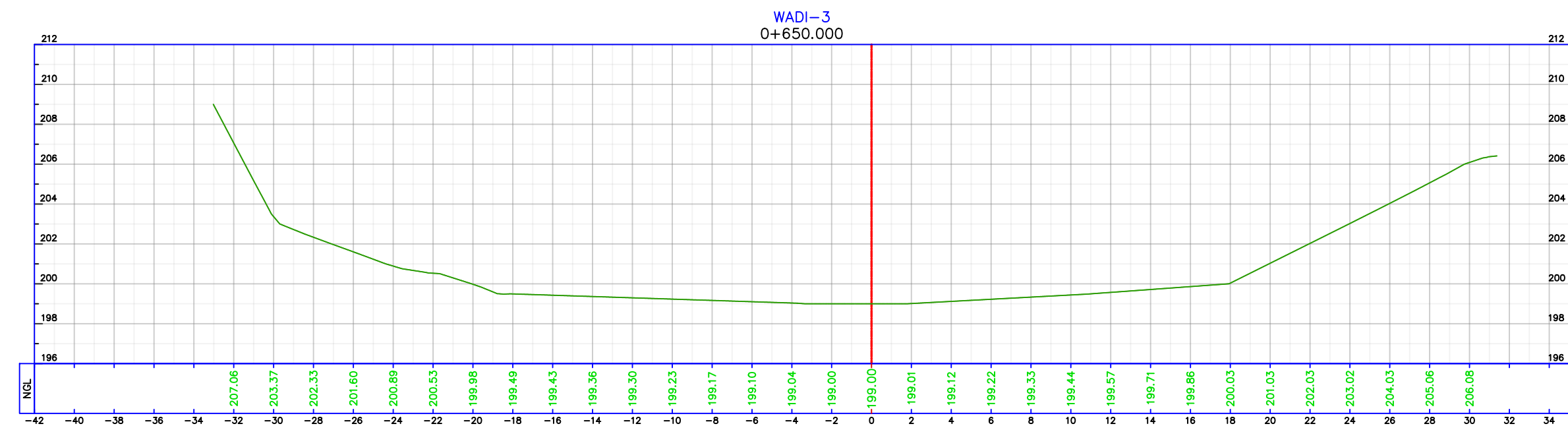


NOTES:

1- ALL DIMENSIONS & STATIONS ARE IN METER UNLESS OTHER WISE STATED.

2- COORDINATES SYSTEM BASED ON PALESTINE GRID 1923 (CASSINI)

REV.	MARK	DATE	MADE BY	REMARKS
CLIENT	DANISH REFUGEE COUNCIL			
PROJECT	WADI ALMOUJIB FLOOD PROTECTION WORKS			
	DRG. TITLE TOPOGRAPHY SECTIONS-06			
DRAWN BY : CAD		SCALE: 1:250		
DESIGNED BY : A.A		DATE : JUL-2026		
CHECKED BY : G.H		PROJECT No.		DRAWING No.
APPROVED BY : M.M				TP-09



CLIENT :

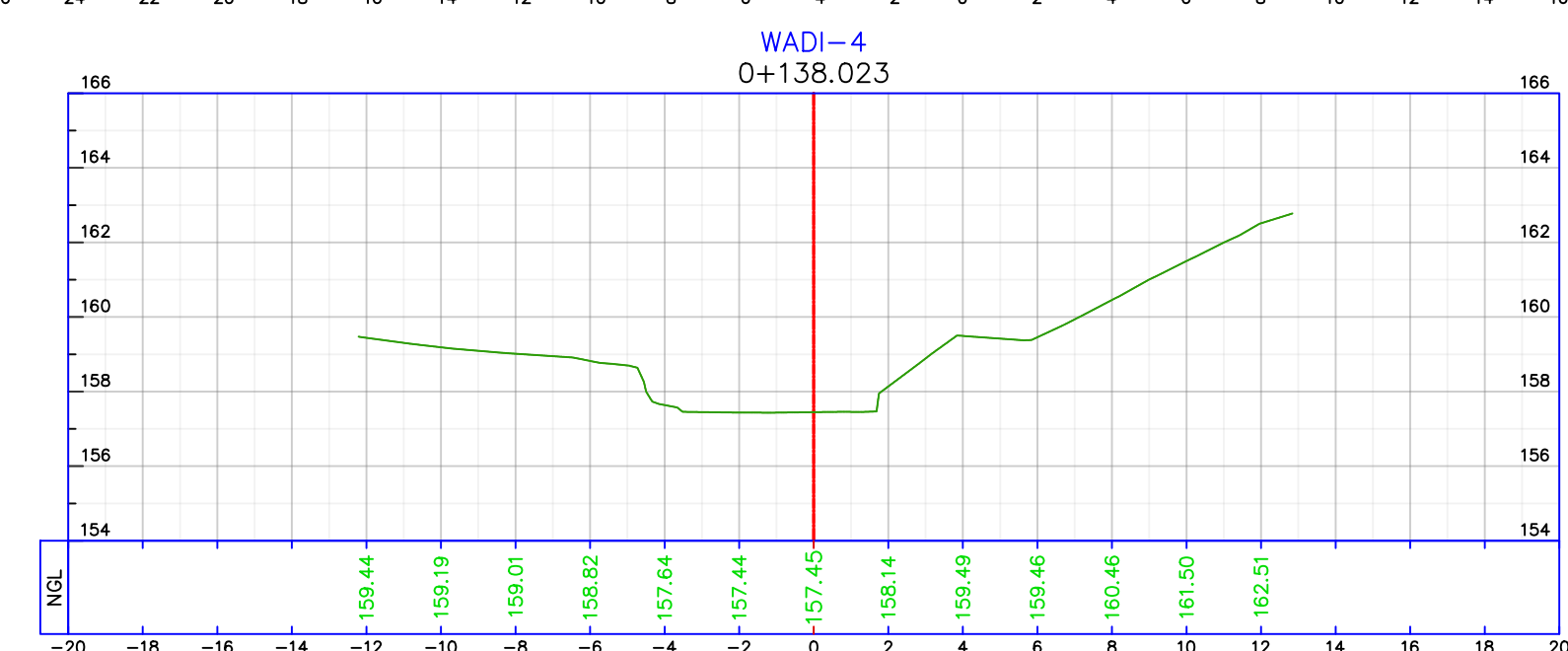
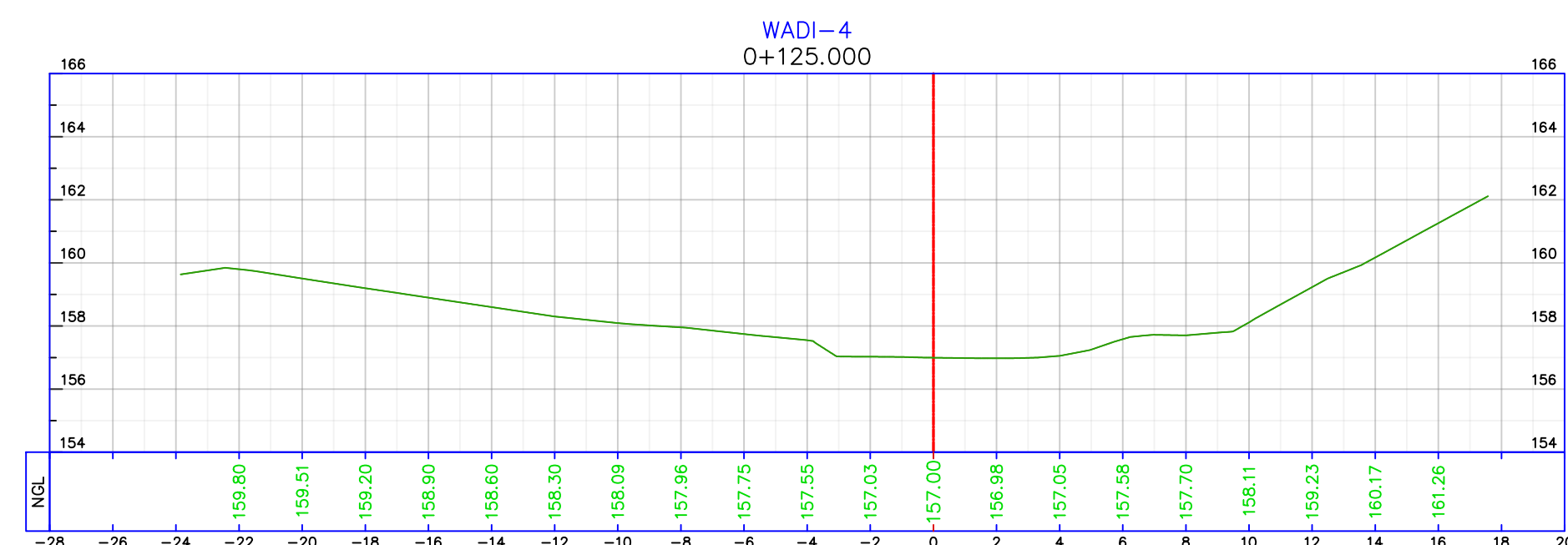
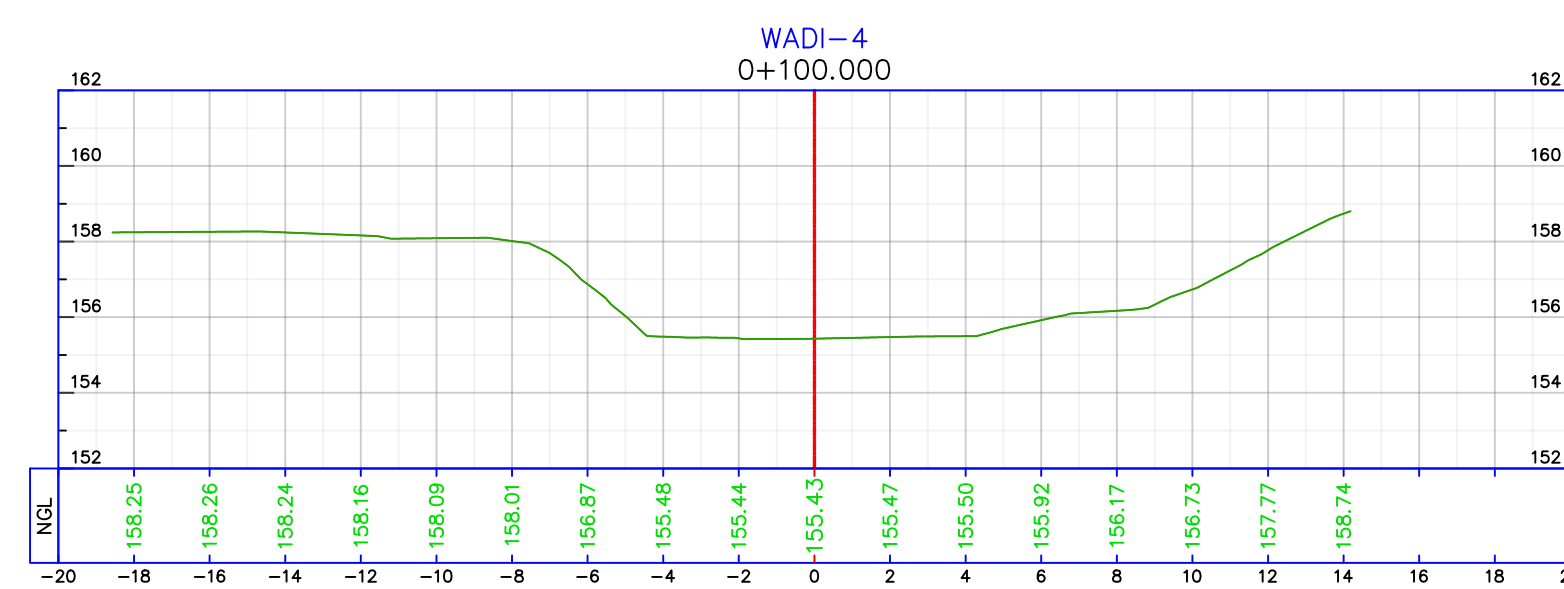
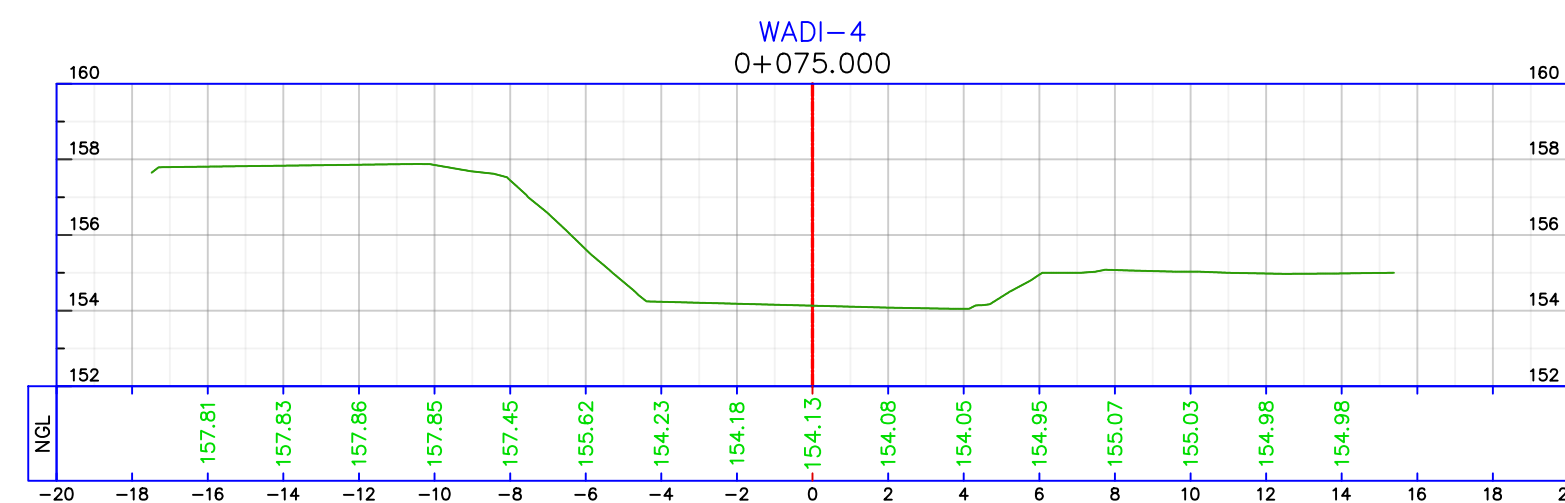
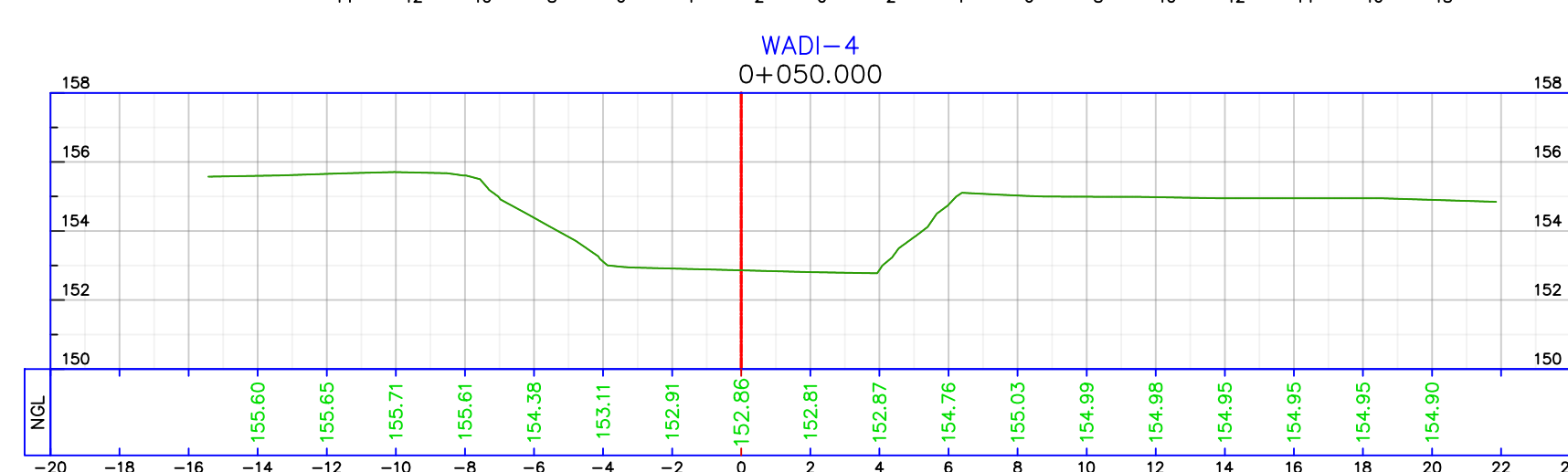
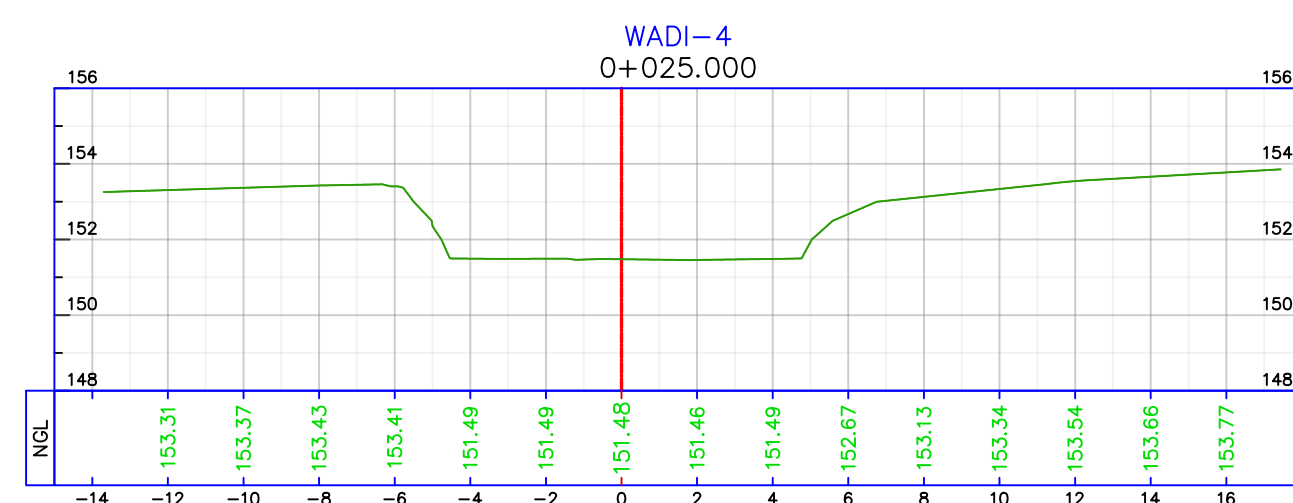
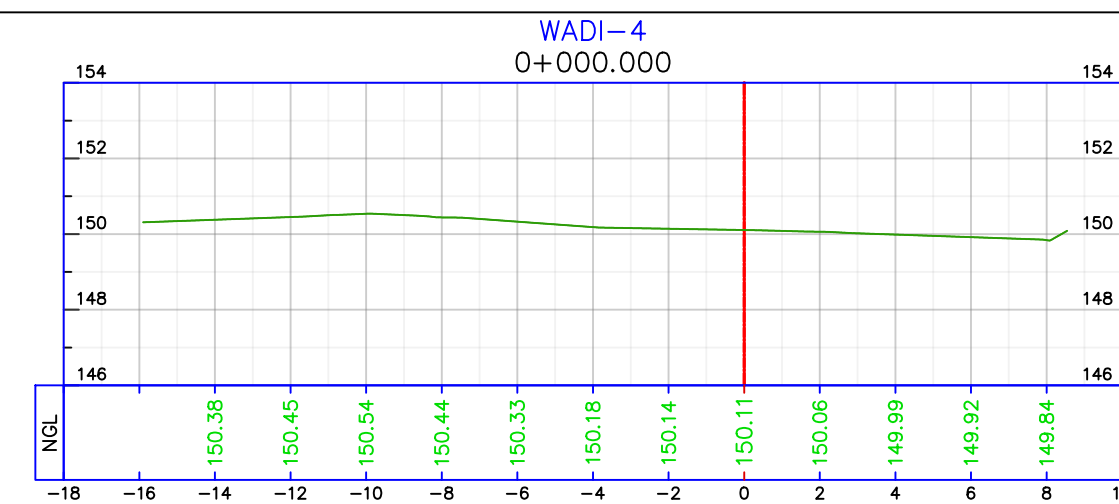
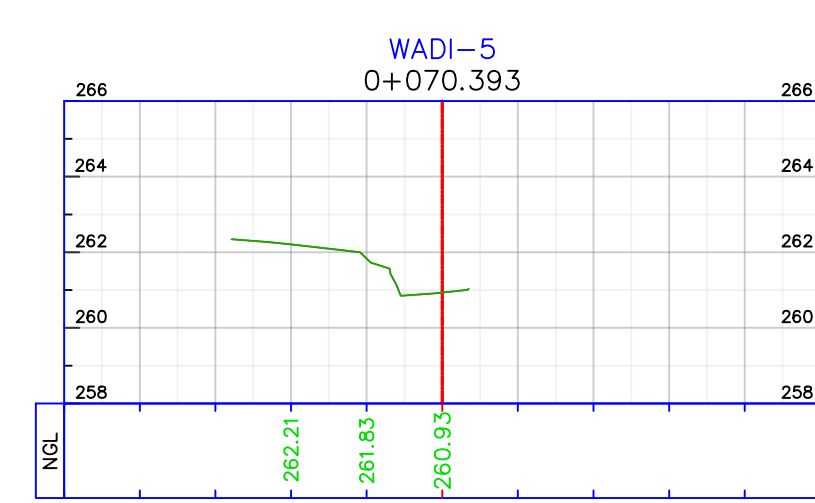
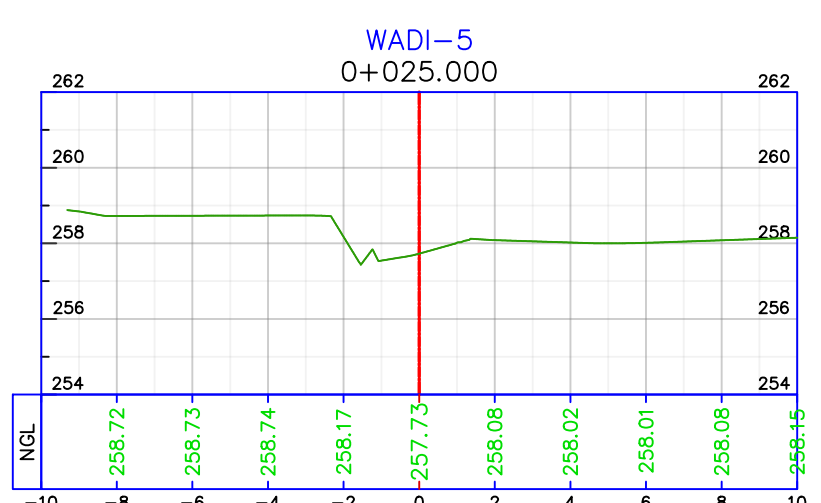
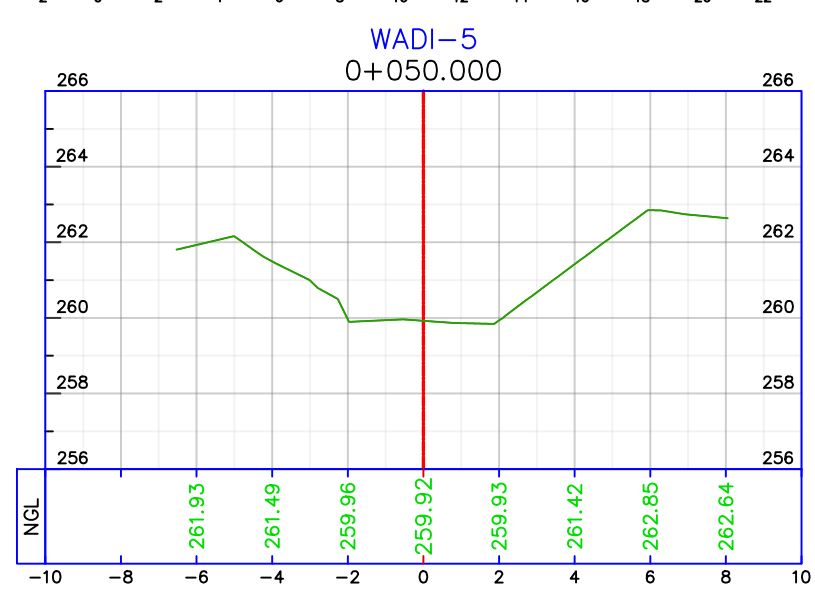
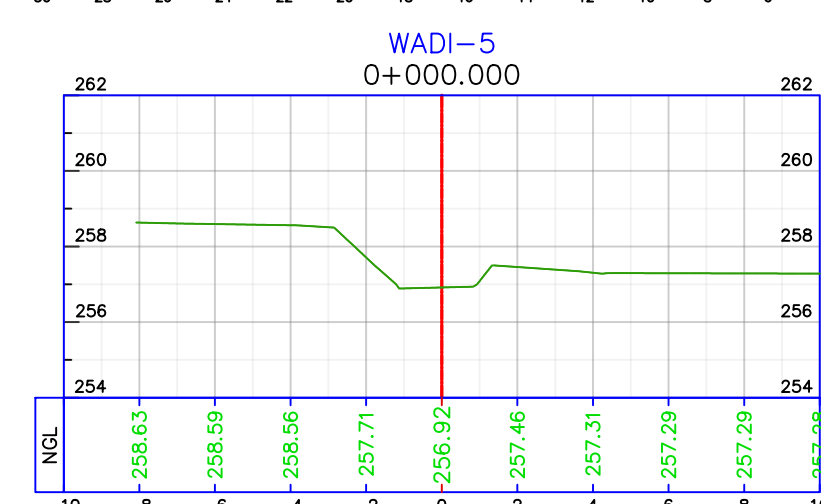
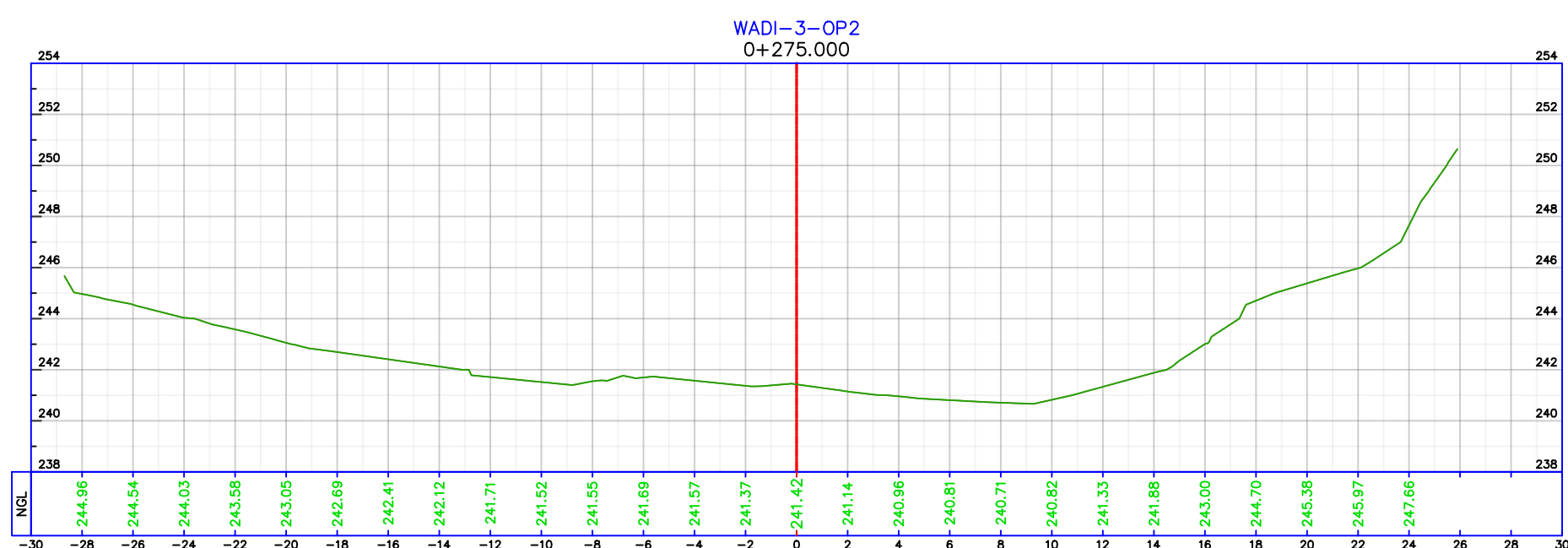
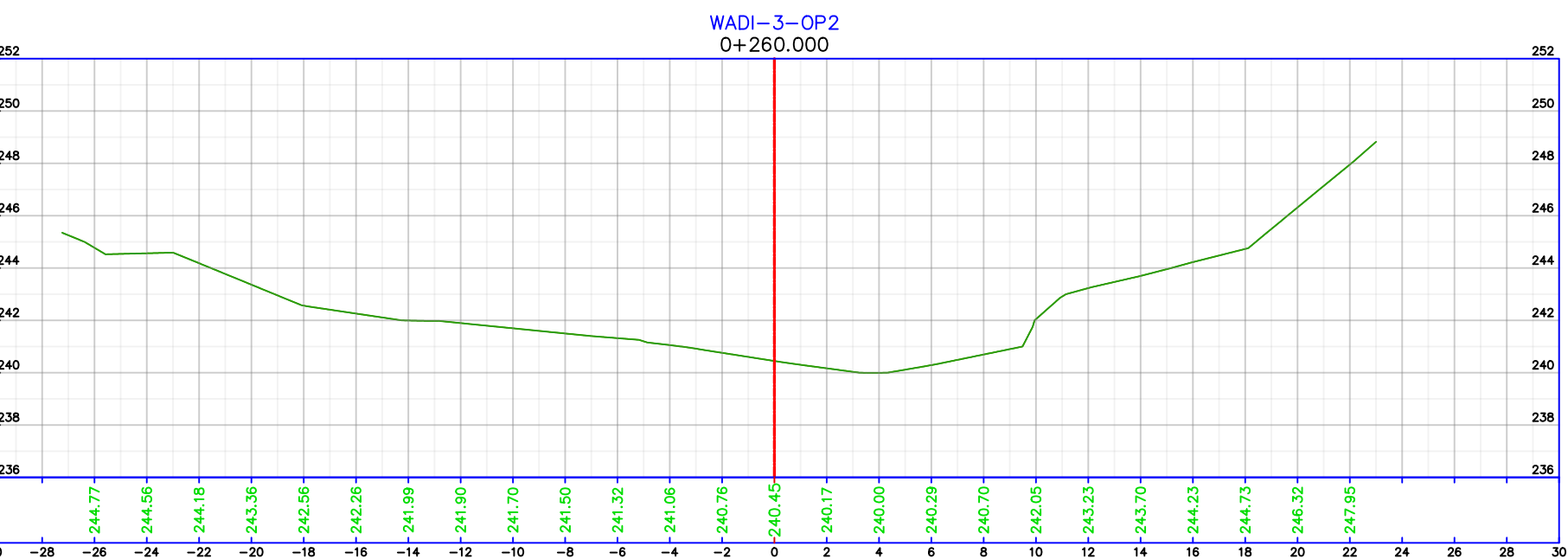
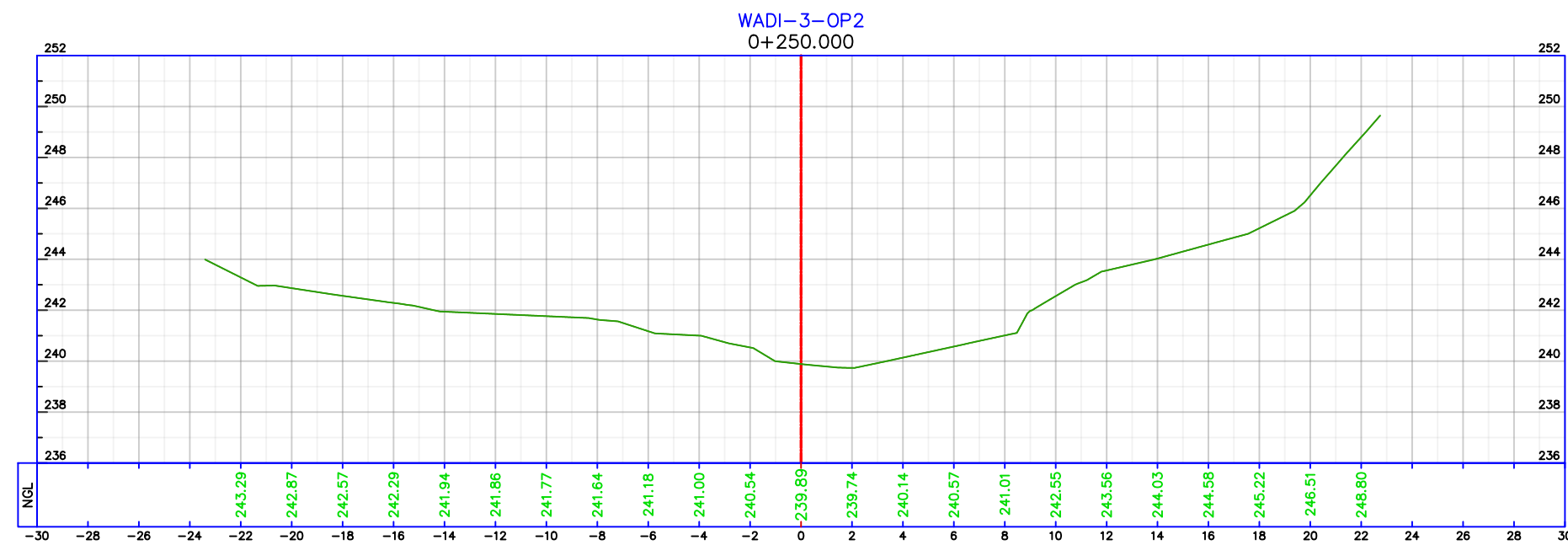


NOTES:

1- ALL DIMENSIONS & STATIONS ARE IN METER UNLESS OTHER WISE STATED.

2- COORDINATES SYSTEM BASED ON PALESTINE GRID 1923 (CASSINI)

REV.	MARK	DATE	MADE BY	REMARKS
CLIENT	DANISH REFUGEE COUNCIL			
PROJECT	MADI & PARTNERS CONSULTING ENGINEERS TEL:5829640-5829641 FAX:5829642 e-mail : mpce@index.com.jo			
	WADI ALMOUJIB FLOOD PROTECTION WORKS			
DRG. TITLE	TOPOGRAPHY SECTIONS-07			
DRAWN BY :	CAD		SCALE: 1:250	
DESIGNED BY :	A.A		DATE : JUL-2026	
CHECKED BY :	G.H		PROJECT No.	DRAWING No.
APPROVED BY :	M.M		TP-10	



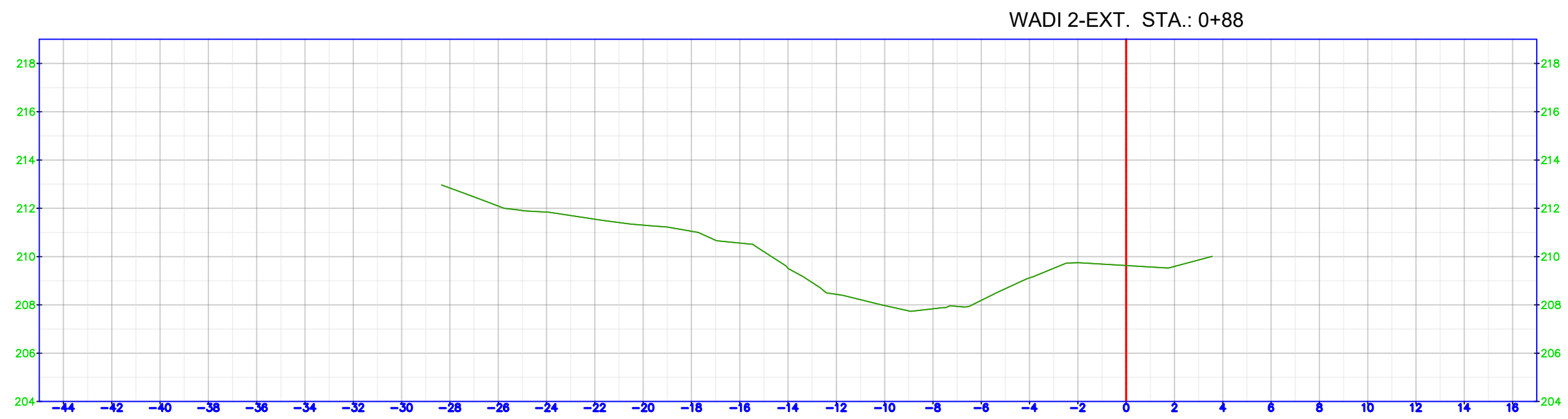
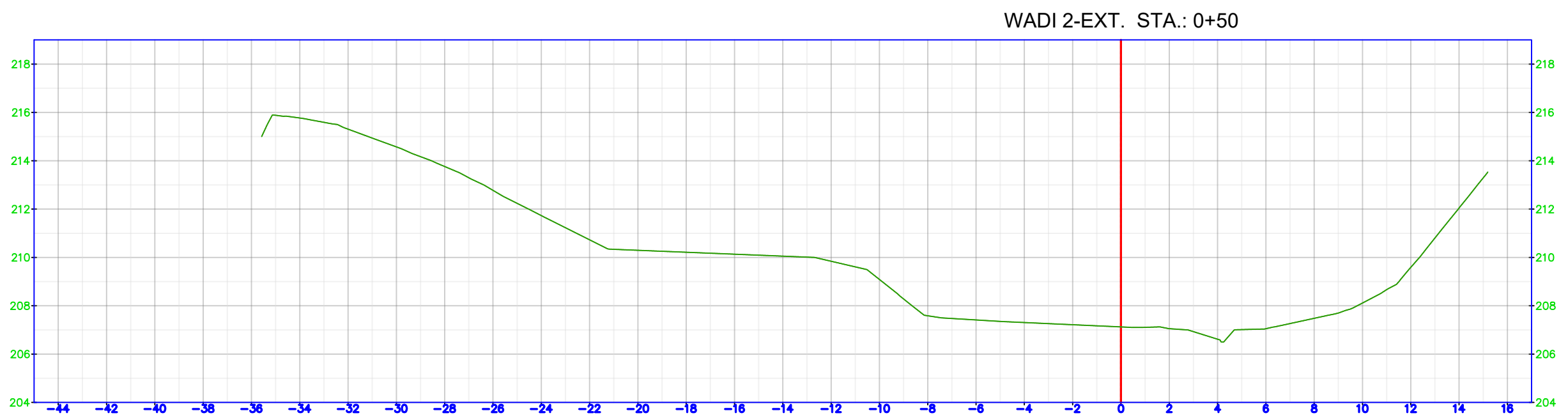
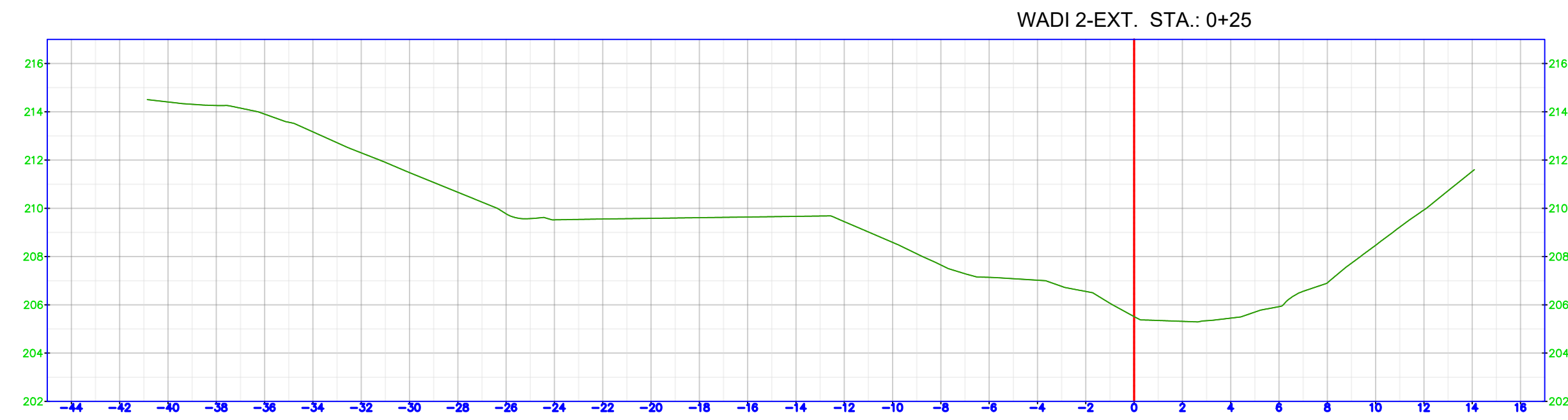
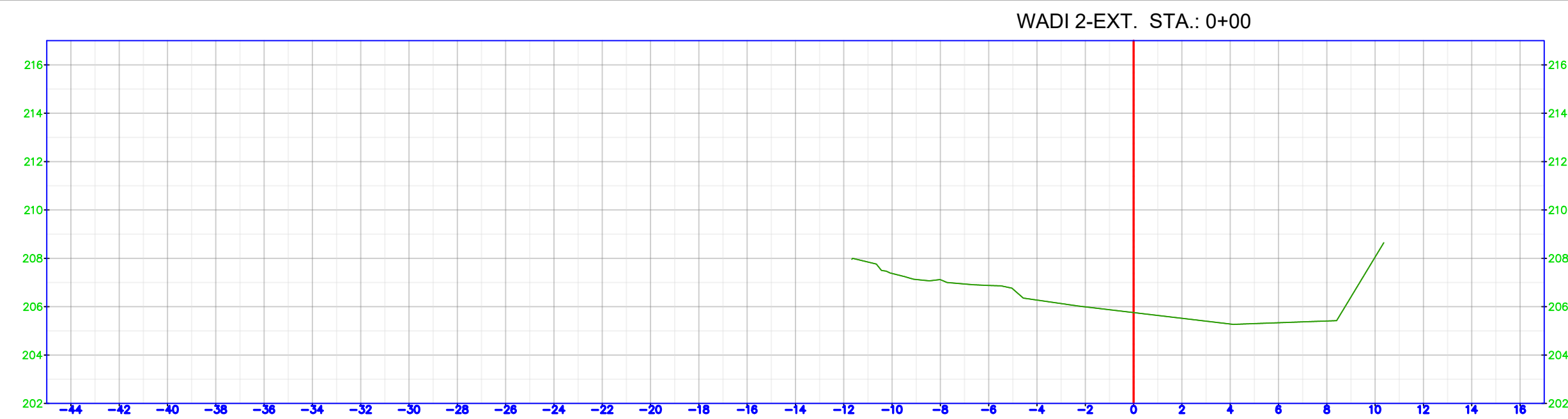

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 für Internationale
 Zusammenarbeit (GIZ) GmbH


 In partnership with
DRC DANISH
 REFUGEE
 COUNCIL


 Ministry of Education and Higher Education
 of the State of Palestine

2- COORDINATES SYSTEM BASED ON PALESTINE GRID 1923 (CASSINI)

REV.	MARK	DATE	MADE BY	REMARKS	
CLIENT		DANISH REFUGEE COUNCIL			
M	P	MADI & PARTNERS CONSULTING ENGINEERS			
C	E	TEL.5829640-5829641 FAX.5829642 e-mail : mpce@index.com.jo			
PROJECT		WADI ALMOUJIB FLOOD PROTECTION WORKS			
DRG. TITLE		TOPOGRAPHY SECTIONS-08			
DRAWN BY : CAD			SCALE : 1:250		
DESIGNED BY : A.A			DATE : JUL.-2026		
CHECKED BY : G.H			PROJECT No.		
APPROVED BY : M.M			DRAWING No. TP-11		



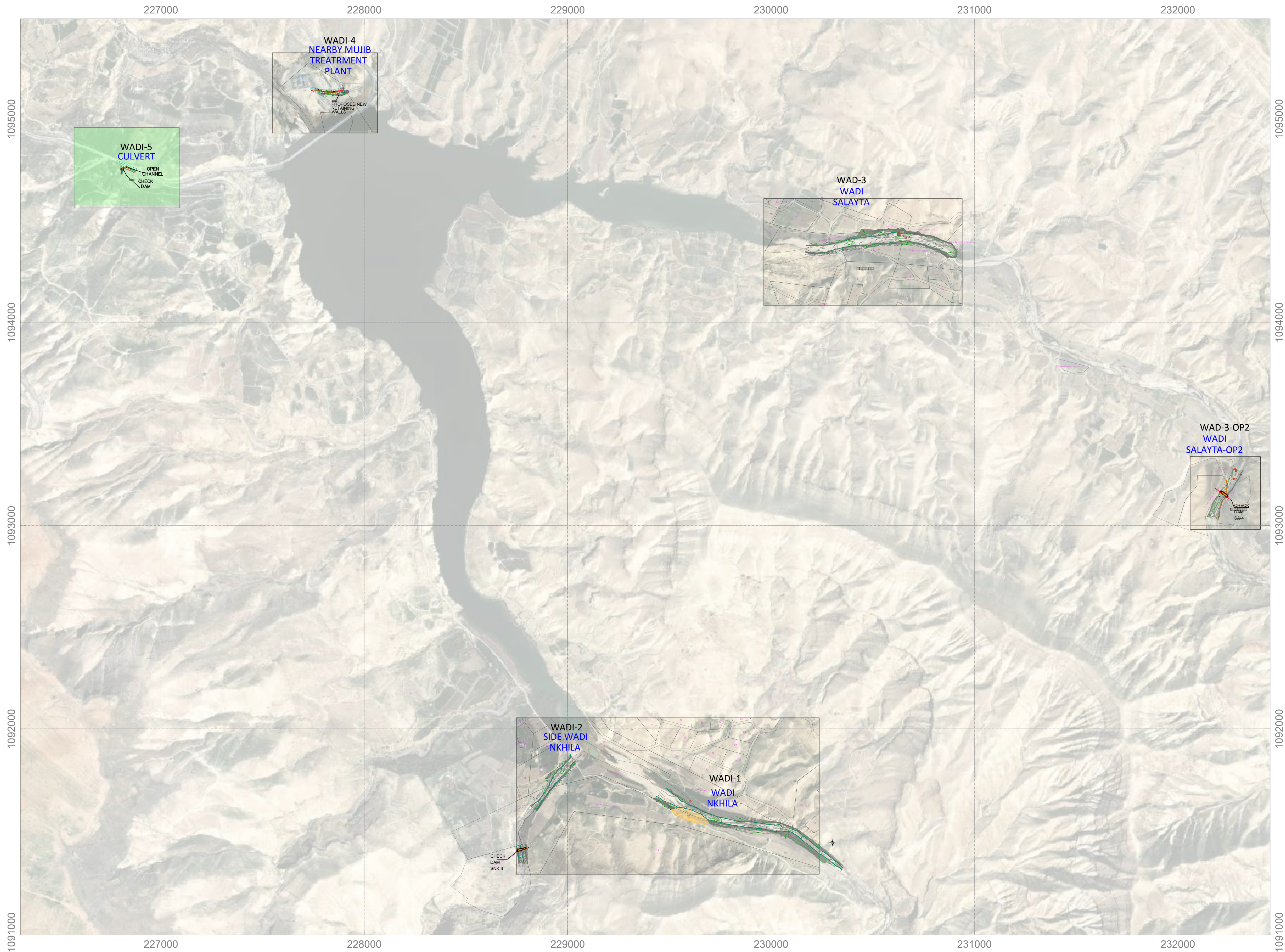
CLIENT :



NOTES:

- 1- ALL DIMENSIONS & STATIONS ARE IN METER UNLESS OTHER WISE STATED.
- 2- COORDINATES SYSTEM BASED ON PALESTINE GRID 1923 (CASSINI)

REV.	MARK	DATE	MADE BY
CLIENT		DANISH REFUGEE COUNCIL	
		MADI & PARTNERS CONSULTING ENGINEERS TEL:5829640-5829641 FAX:5829642 e-mail : mpce@index.com.jo	
PROJECT		WADI ALMOUJIB FLOOD PROTECTION WORKS	
DRG. TITLE		TOPOGRAPHY SECTIONS-09	
DRAWN BY : CAD		SCALE: 1:200	
DESIGNED BY : A.A		DATE : JUL-2026	
CHECKED BY : G.H		PROJECT No.	DRAWING No.
APPROVED BY: M.M			TP-19



CLIENT :



NOTES:

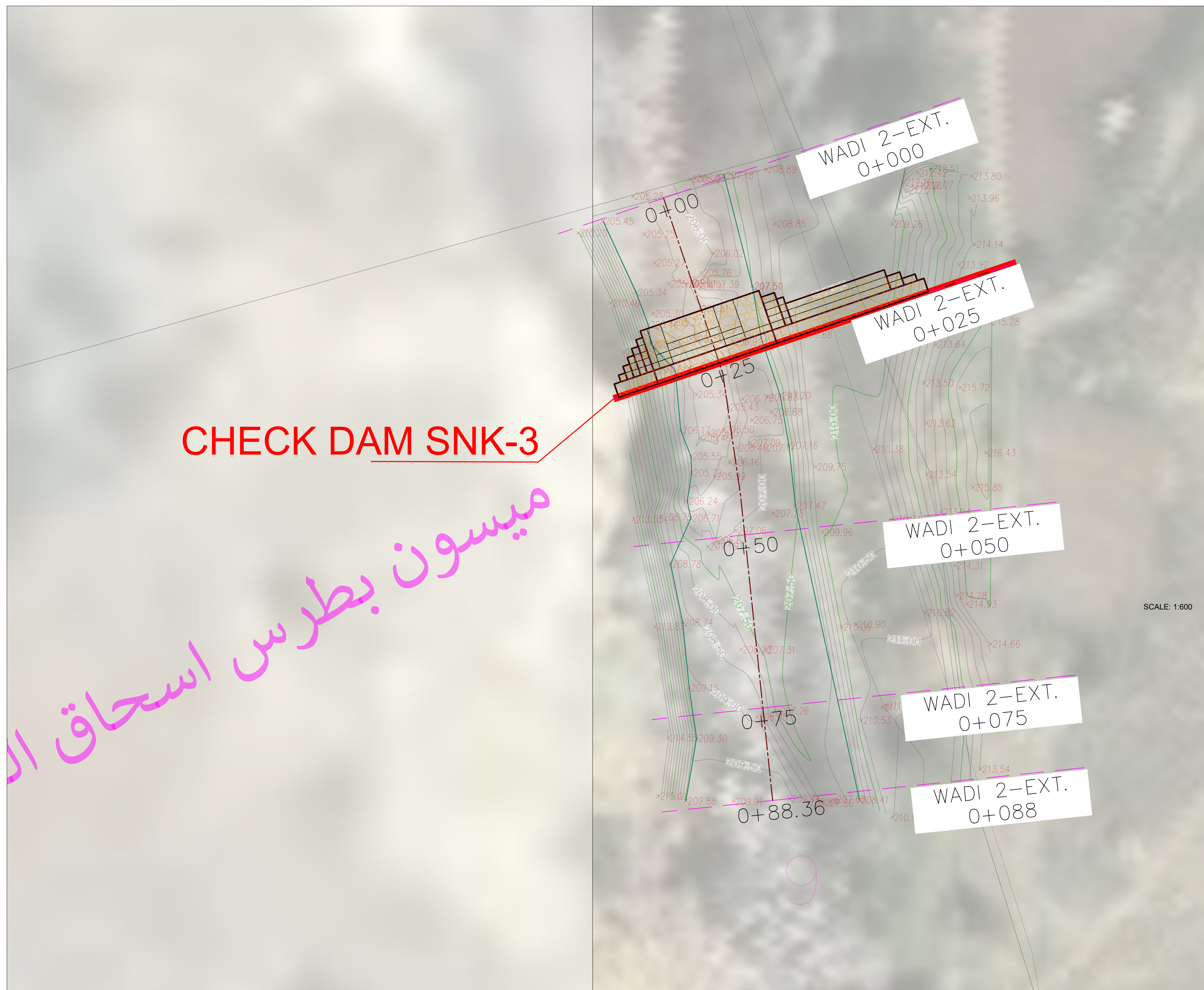
- 1- ALL DIMENSIONS & STATIONS ARE IN METER UNLESS OTHER WISE STATED.
- 2- COORDINATES SYSTEM BASED ON PALESTINE GRID 1923 (CASSINI)
- 3- CONTOUR INTERVALS :
MAJOR = 2.50 m
MINOR = 0.50m

LEGEND

- BUILDING
- WALL
- SAND STONE ROCK
- PRIVATE PROPERTY
- JVA LAND PROPERTY

Point No.	Easting	Northing	Elevation
CP1	230275.423	1094393.926	196.759
CP2	230703.387	1094384.757	203.191
CP3	226813.600	1094783.228	258.837
CP4	226863.729	1094762.443	257.073
CP5	227856.548	1095138.675	158.277
CP6	227773.202	1095142.899	150.868
CP7	229507.485	1091604.409	211.852
CP8	229779.681	1091514.266	205.108
BM1	232240.570	1093195.268	240.575
BM2	232203.412	1093142.545	240.333

REV.	MARK	DATE	MADE BY	REMARKS
CLIENT		DANISH REFUGEE COUNCIL		
M P C E	MADI & PARTNERS CONSULTING ENGINEERS			
	TEL.5829640-5829641 FAX.5829642 e-mail : mpce@index.com.jo			
PROJECT		WADI ALMOUJIB FLOOD PROTECTION WORKS		
DRG. TITLE		LAYOUT PLAN-MASTER SITE PLAN		
DRAWN BY : CAD			SCALE:1:10000	
DESIGNED BY : A.A			DATE : JUL-2026	
CHECKED BY : G.H			PROJECT No.	DRAWING No.
APPROVED BY: M.M			R-01	



CLIENT :



NOTES:

1- ALL DIMENSIONS & STATIONS ARE IN METER UNLESS OTHER WISE STATED.

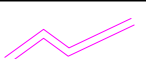
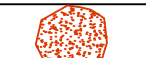
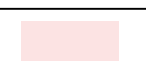
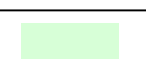
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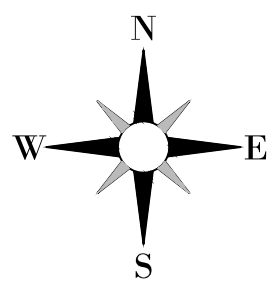
3- CONTOUR INTERVALS :

MAJOR = 2.50 m

MINOR = 0.50m

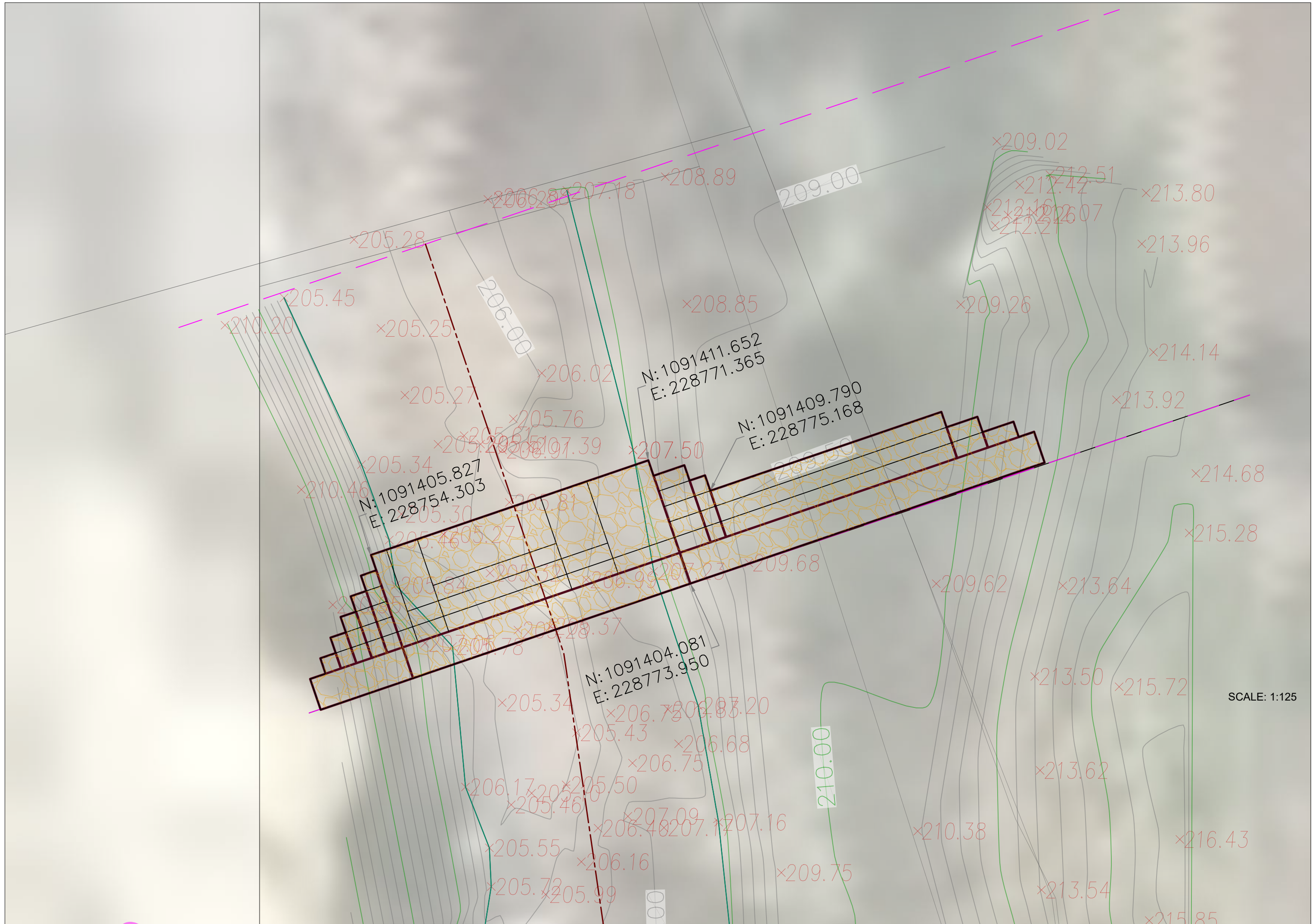
LEGEND

-  BUILDING
-  WALL
-  SAND STONE ROCK
-  PRIVATE PROPERTY
-  JVA LAND PROPERTY



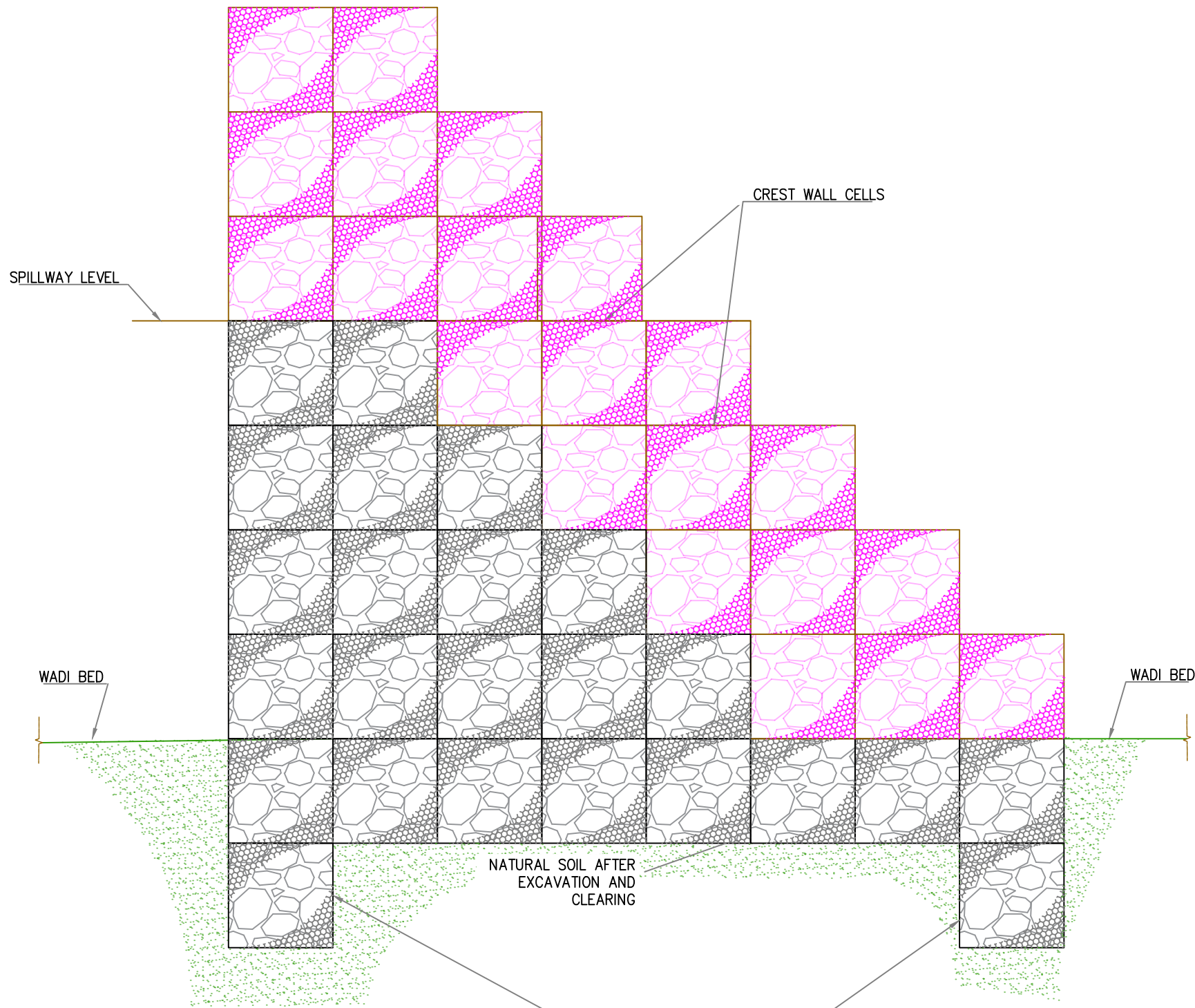
Point No.	Easting	Northing	Elevation
CP1	230275.423	1094393.926	196.759
CP2	230703.387	1094384.757	203.191
CP3	226813.600	1094783.228	258.837
CP4	226863.729	1094762.443	257.073
CP5	227856.548	1095138.675	158.277
CP6	227773.202	1095142.899	150.868
CP7	229507.485	1091604.409	211.852
CP8	229779.681	1091514.266	205.108
BM1	232240.570	1093195.268	240.575
BM2	232203.412	1093142.545	240.333

REV.	MARK	DATE	MADE BY	REMARKS
CLIENT	DANISH REFUGEE COUNCIL			
MPC	MADI & PARTNERS CONSULTING ENGINEERS TEL.5829640-5829641 FAX.5829642 e-mail : mpce@index.com.jo			
PROJECT	WADI ALMOUJIB FLOOD PROTECTION WORKS			
DRG. TITLE	WADI 2-SIDE NKHILA LAYOUT AND TYPICAL SECTION			
DRAWN BY	: CAD		SCALE:AS SHOWN	
DESIGNED BY	: A.A		DATE : JUL-2026	
CHECKED BY	: G.H		PROJECT No.	DRAWING No.
APPROVED BY	: M.M			R-02

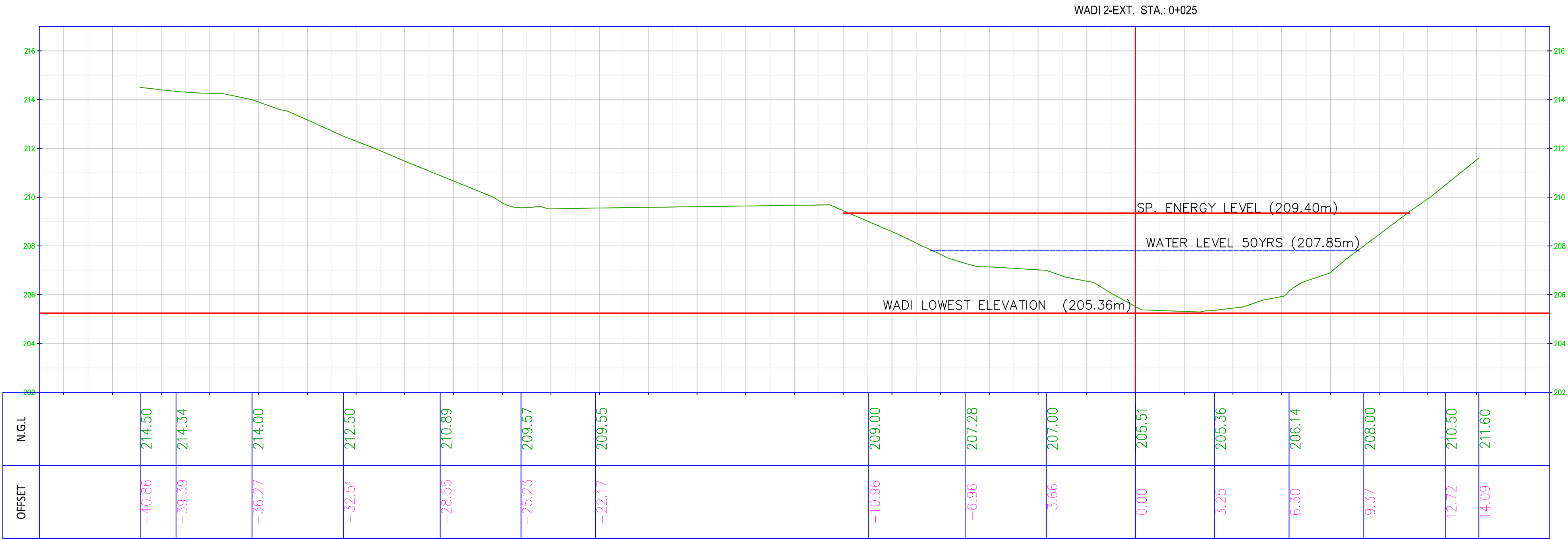


BACKFILL SHOULD NOT BE:

- CLASSIFIED AS A6 OR A7
- CLAYEY SOIL WHICH WOULD REACH MAXIMUM DRY DENSITY AFTER COMPACTION LOWER THAN 1.6GM/CM³
- CLAYEY SOIL WITH A NATURAL MOISTURE CONTENT 5% OR MORE IN EXCESS OF THE OPTIMUM MOISTURE CONTENT.
- SOILS WITH MORE THAN 5% OF ORGANIC IMPURITIES.
- BOULDERS OR ROCK FRAGMENTS EXCEEDING 2/3 OF THE THICKNESS OF LAYER TO BE COMPACTED.



GABION CHECK DAM TYPICAL SECTION
SCALE: 1/40



SCALE: 1:125

CLIENT :



NOTES:

- 1- ALL DIMENSIONS & STATIONS ARE IN METER UNLESS OTHER WISE STATED.
- 2- COORDINATES SYSTEM BASED ON PALESTINE GRID 1923 (CASSINI)
- 3- CONTOUR INTERVALS :
MAJOR = 2.50 m
MINOR = 0.50m

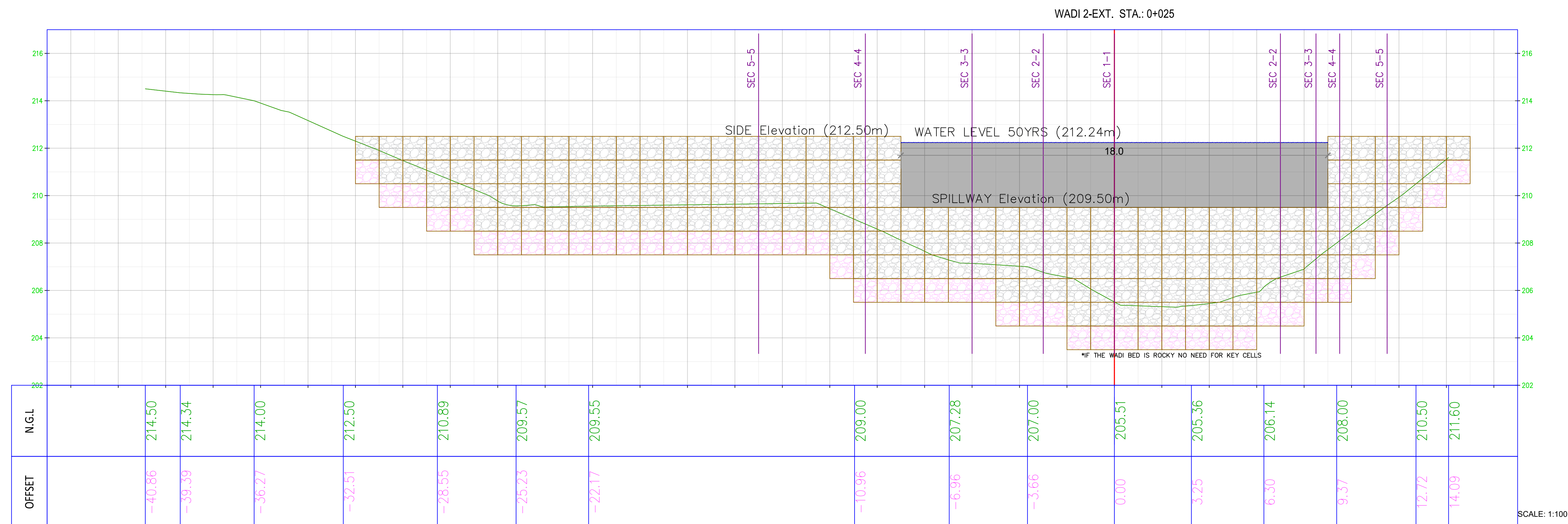
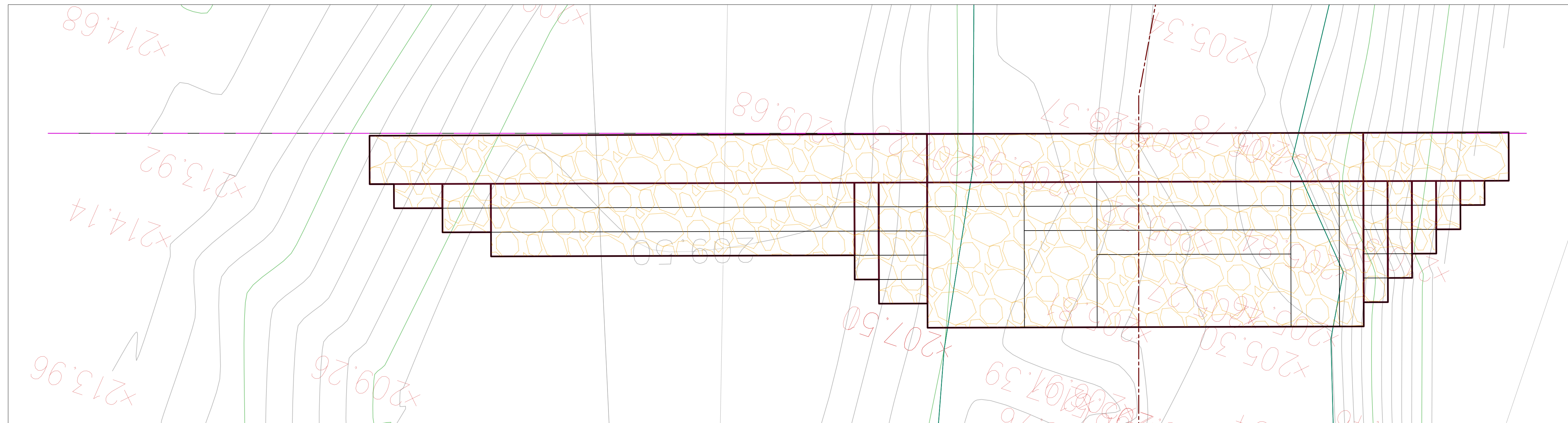
LEGEND

- BUILDING
- WALL
- SAND STONE ROCK
- PRIVATE PROPERTY
- JVA LAND PROPERTY
- PROPOSED STRUCTURE

SNK3-EXPECTED ESTIMATED QUANTITIES:

- GABIONS: 720 m³
- EXCAVATIONS: 700 M³

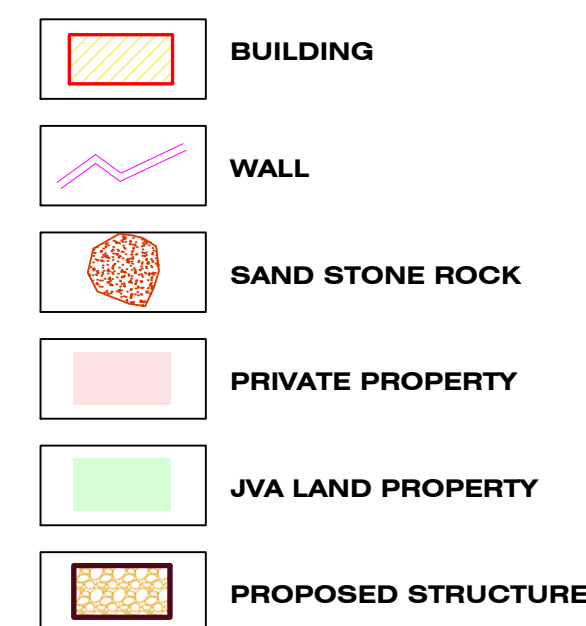
REV.	MARK	DATE	MADE BY	REMARKS
CLIENT	DANISH REFUGEE COUNCIL			
M P C E	MADI & PARTNERS CONSULTING ENGINEERS TEL:5829640-5829641 FAX:5829642 e-mail : mpce@index.com.jo			
	PROJECT WADI ALMOUJIB FLOOD PROTECTION WORKS			
DRG. TITLE	WADI 2 EX.-SIDE NKHILA SNK-3 CHECK DAM STA.0+025 DETAILS-1			
DRAWN BY : CAD	SCALE:AS SHOWN			
DESIGNED BY : A.A	DATE : JUL-2026			
CHECKED BY : G.H	PROJECT No. DRAWING No.			
APPROVED BY: M.M	R-03			



CLIENT :

1- ALL DIMENSIONS & STATIONS ARE IN
METER UNLESS OTHER WISE STATED.

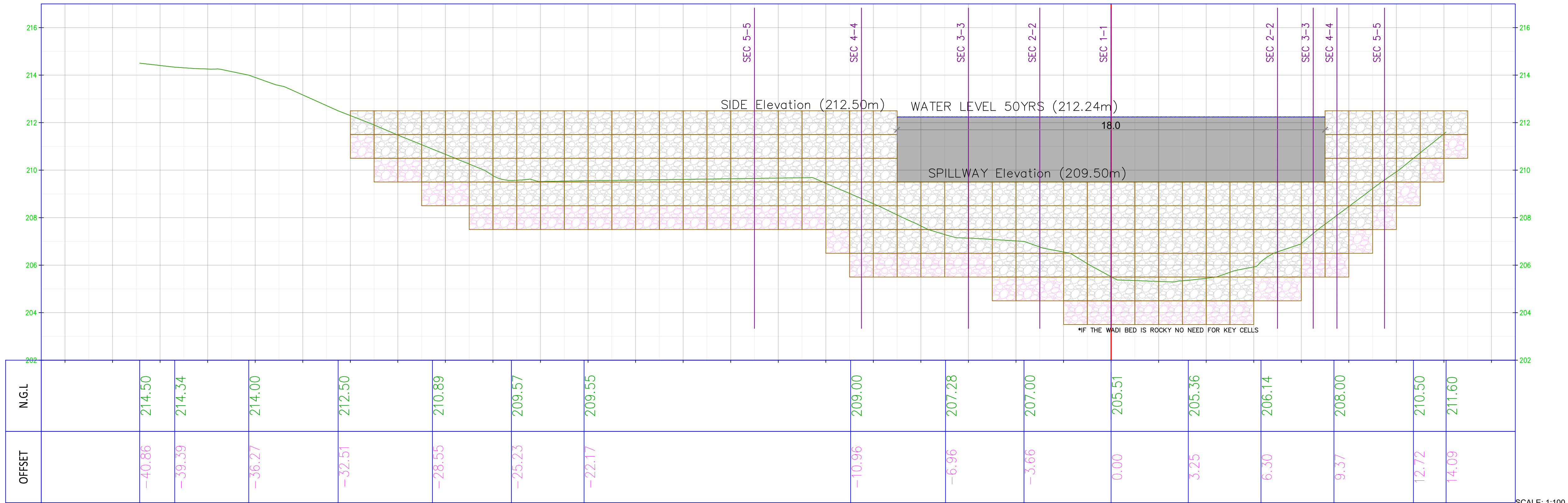
3- CONTOUR INTERVALS :
MAJOR = 2.50 m
MINOR = 0.50m



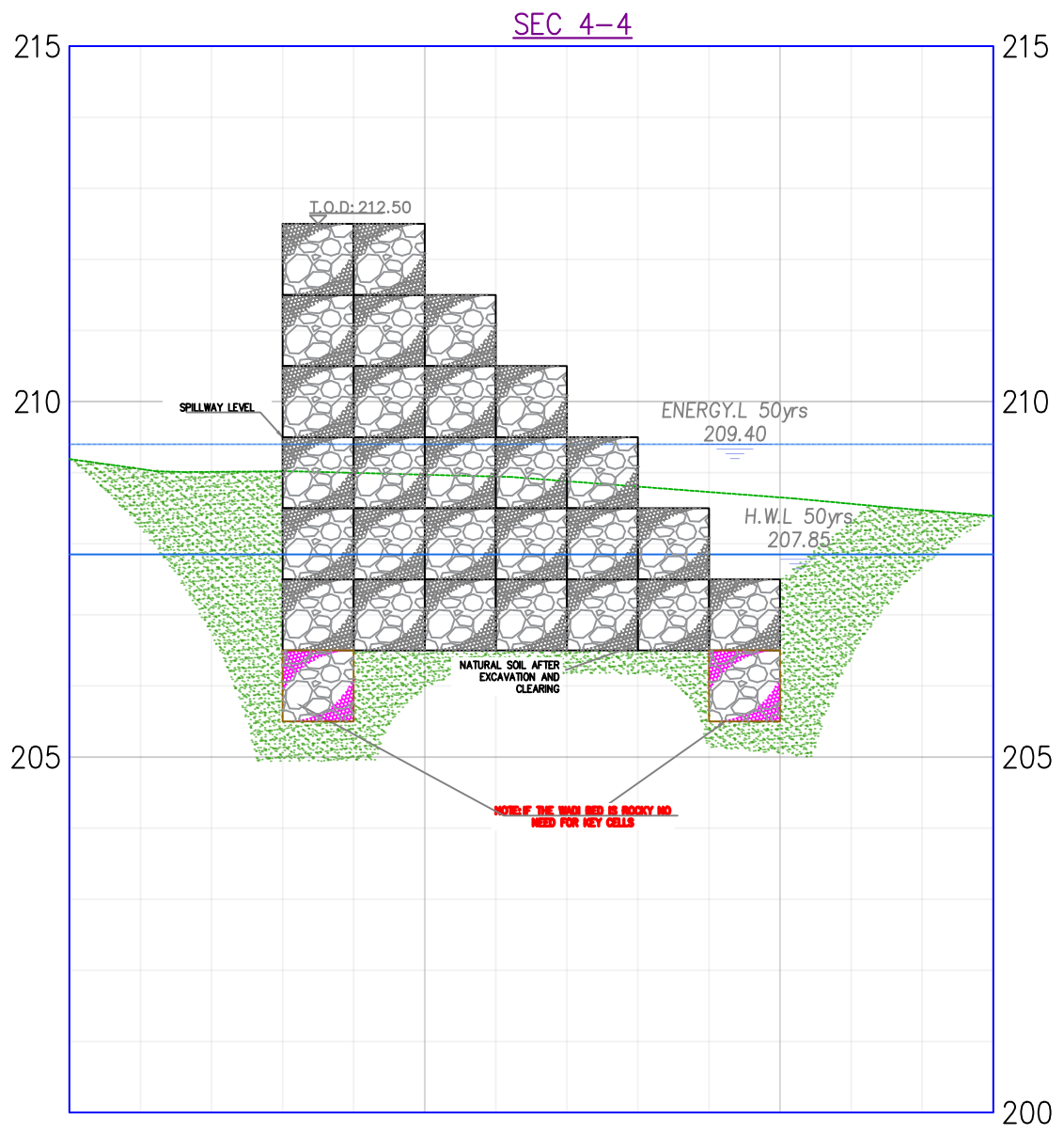
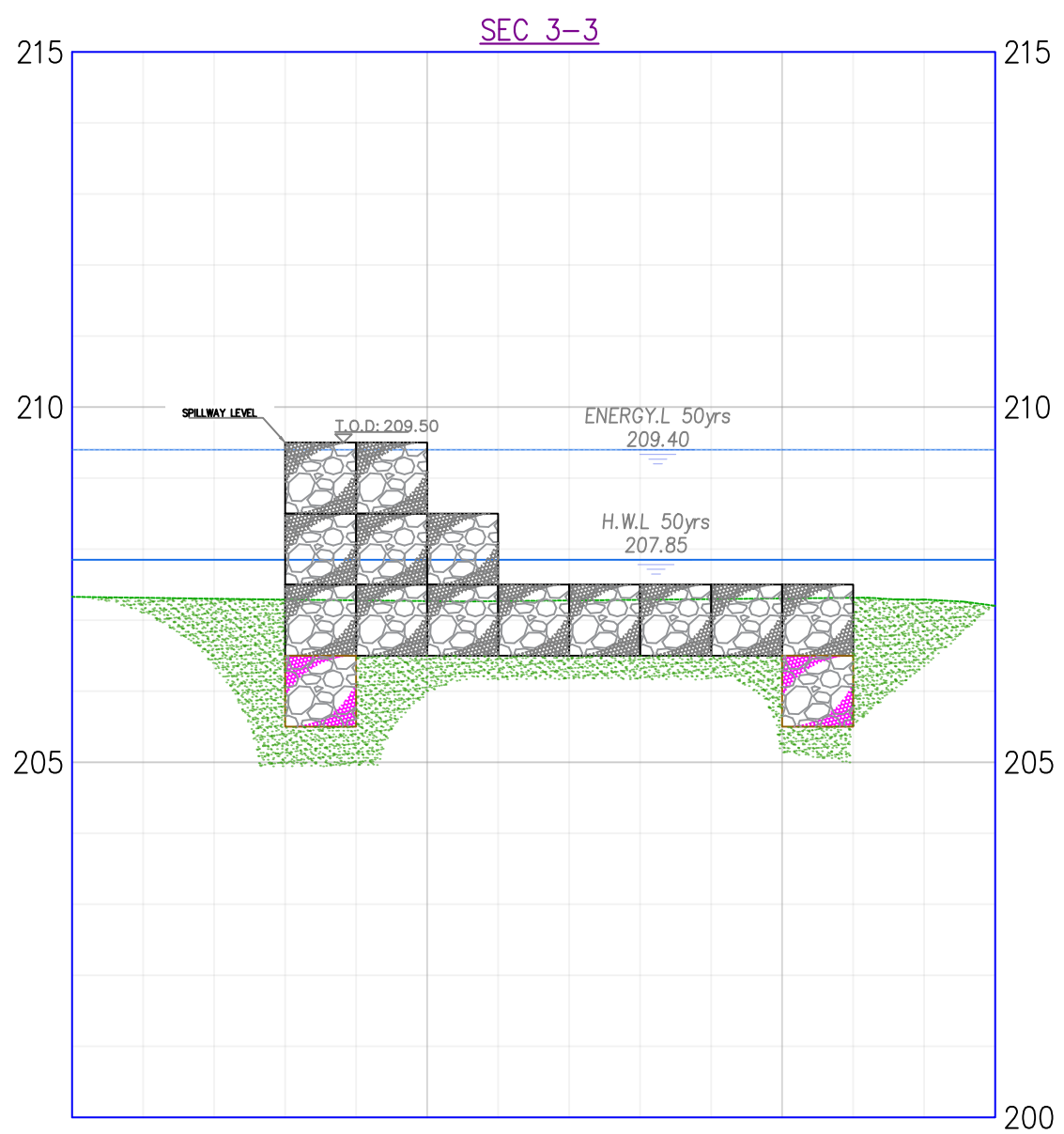
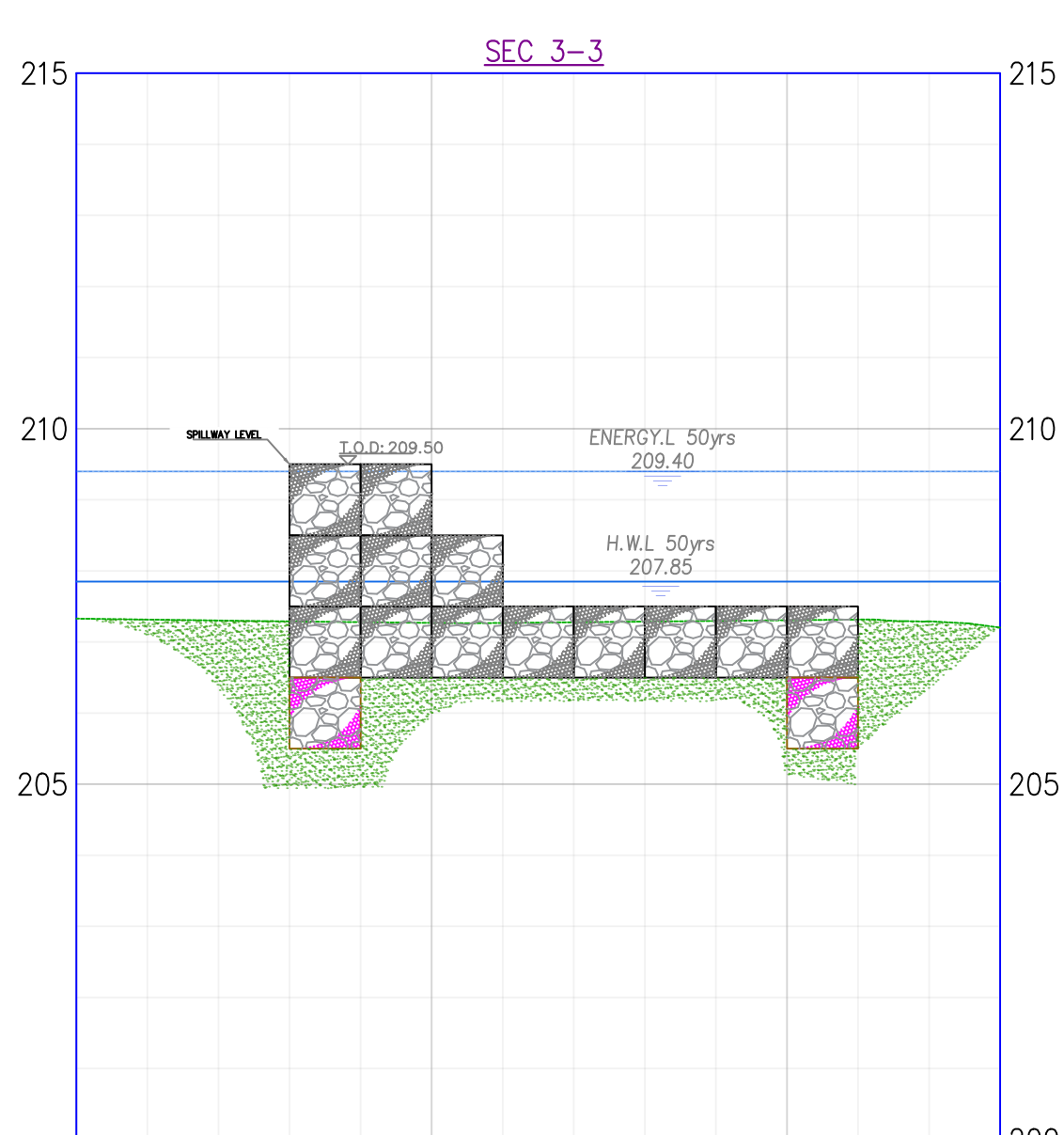
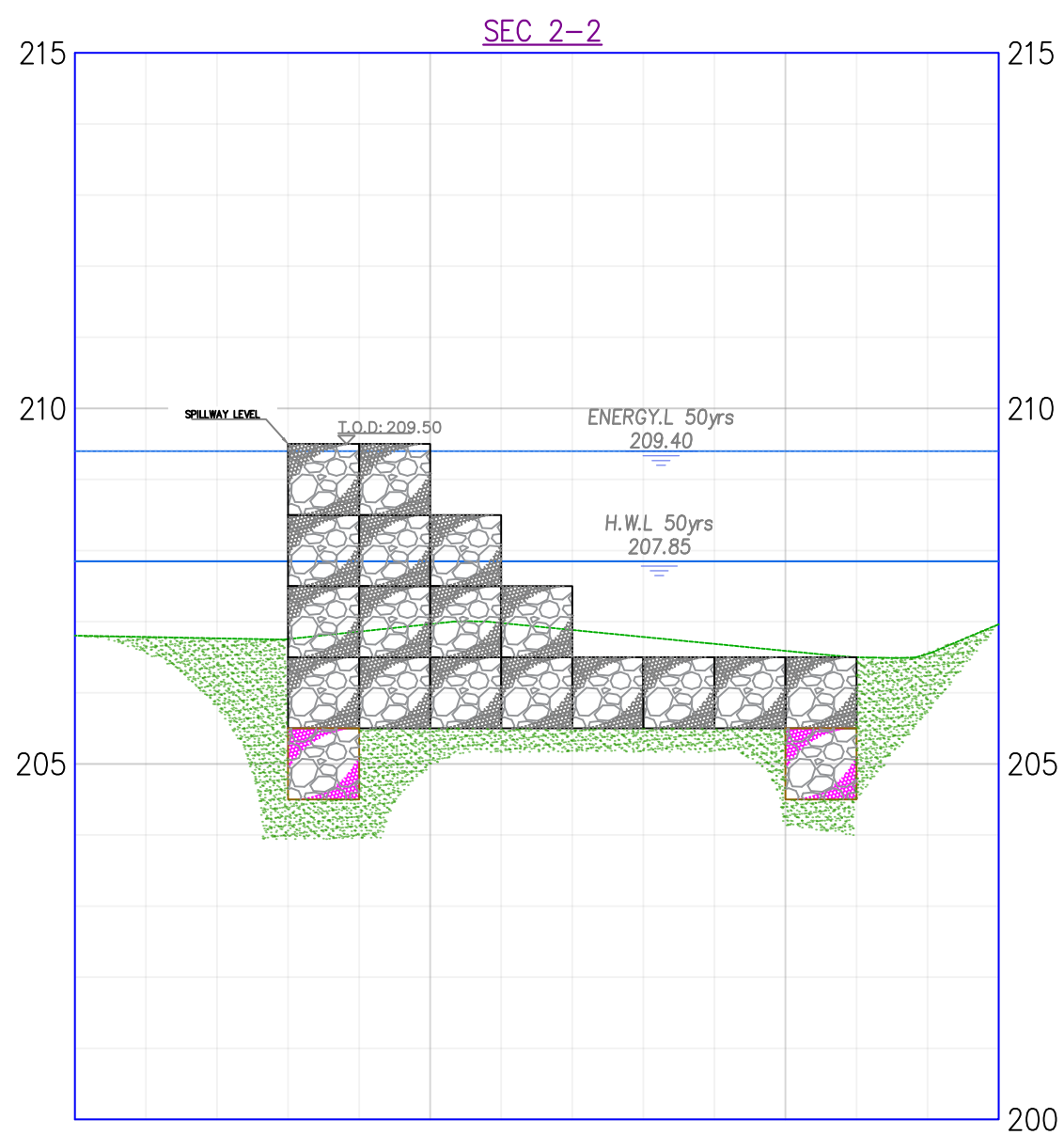
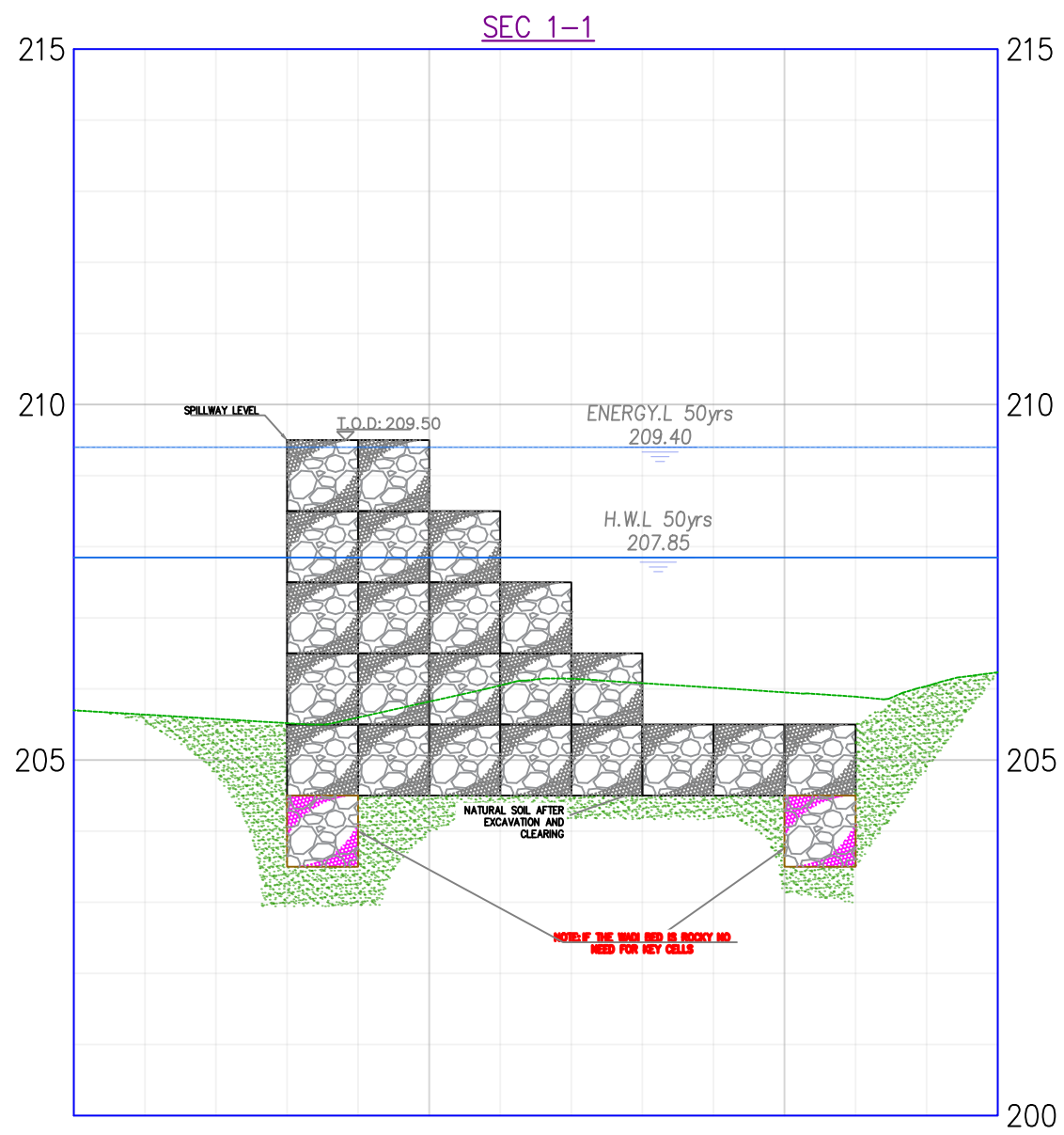
SNK3-EXPECTED ESTIMATED QUANTITIES:

- EXCAVATIONS: 700 M³

REV.	MARK	DATE	MADE BY	REMARKS	
CLIENT		DANISH REFUGEE COUNCIL			
		MADANI & PARTNERS CONSULTING ENGINEERS TEL.5829640-5829641 FAX.5829642 e-mail : mpce@index.com.jo			
PROJECT		WADI ALMOUJIB FLOOD PROTECTION WORKS			
DRG. TITLE		WADI 2 EX.-SIDE NKHILA SNK-3 CHECK DAM STA.0+025 DETAILS-2			
DRAWN BY : CAD		SCALE: AS SHOWN			
DESIGNED BY : A.A		DATE : JUL.-2023			
CHECKED BY : G.H		PROJECT No.		DRAWING No.	
APPROVED BY : M.M				R - 04	



SCALE: 1:100



CLIENT :



NOTES:

- 1- ALL DIMENSIONS & STATIONS ARE IN METER UNLESS OTHER WISE STATED.
- 2- COORDINATES SYSTEM BASED ON PALESTINE GRID 1923 (CASSINI)

3- CONTOUR INTERVALS :

MAJOR = 2.50 m
MINOR = 0.50m

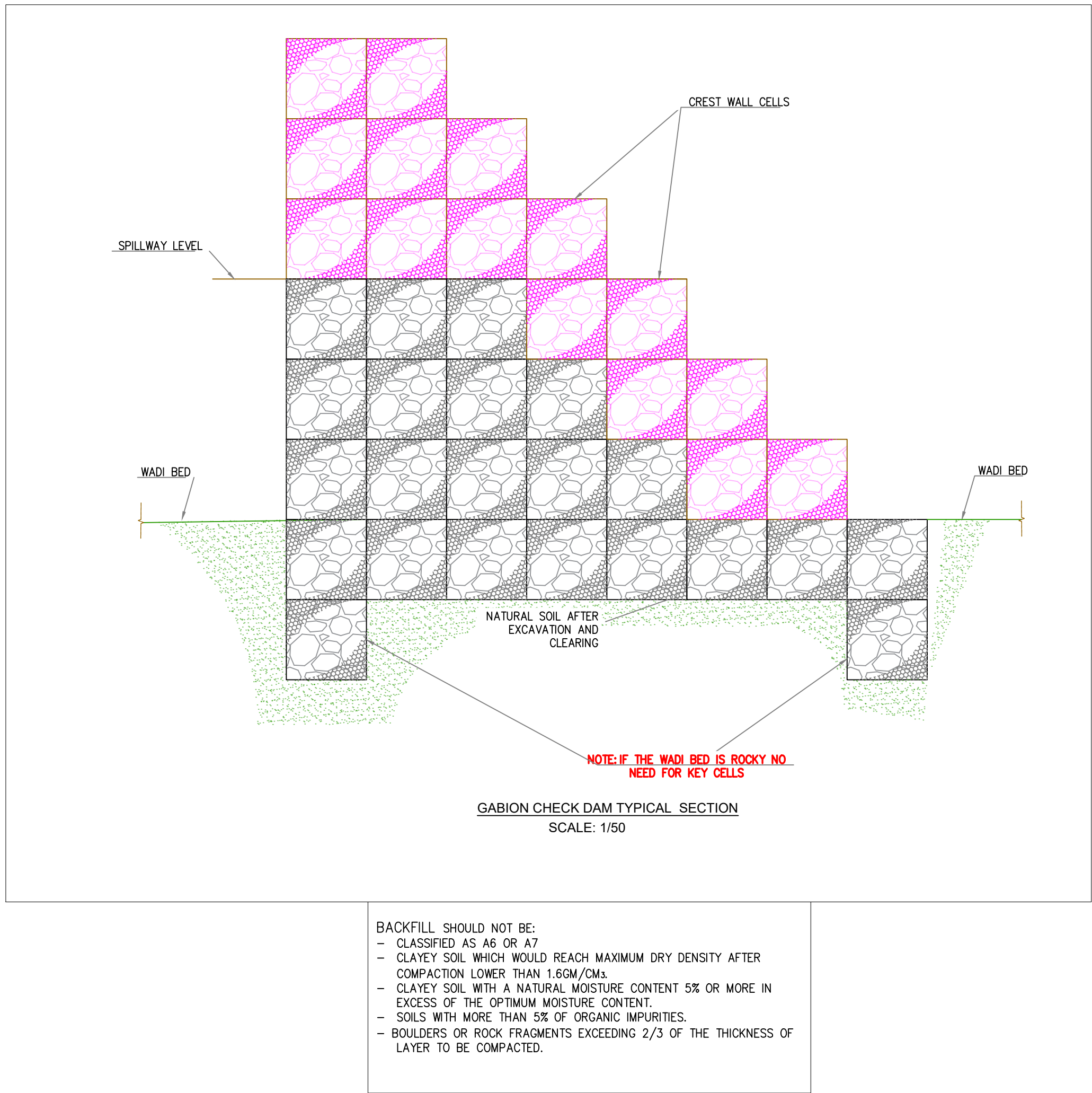
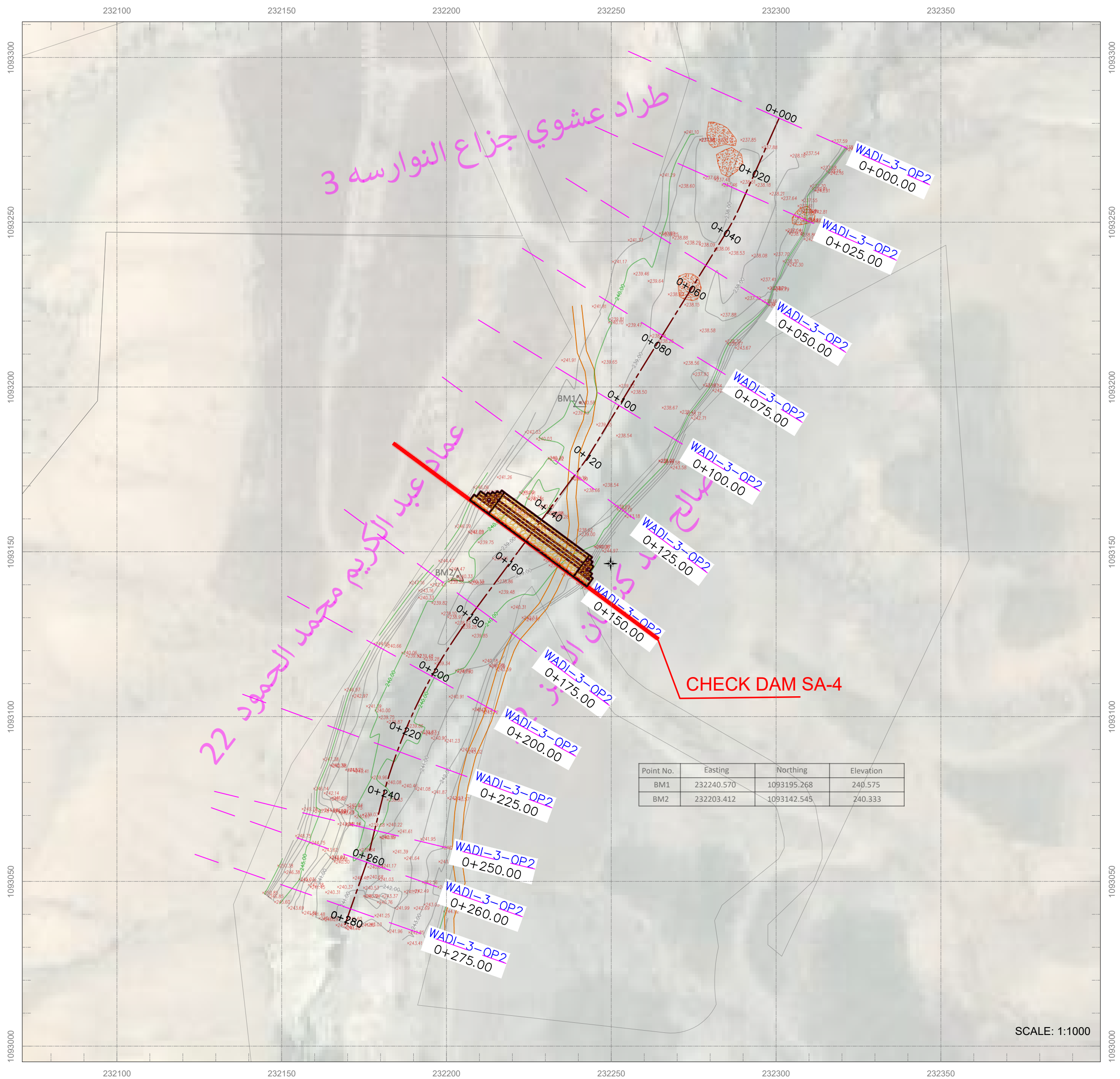
LEGEND

- BUILDING
- WALL
- SAND STONE ROCK
- PRIVATE PROPERTY
- JVA LAND PROPERTY
- PROPOSED STRUCTURE

SNK3-EXPECTED ESTIMATED QUANTITIES:

- GABIONS: 720 m³
- EXCAVATIONS: 700 M³

REV.	MARK	DATE	MADE BY	REMARKS
CLIENT	DANISH REFUGEE COUNCIL			
M P C E	MADI & PARTNERS CONSULTING ENGINEERS			
	TEL:5829640-5829641 FAX:5829642 e-mail : mpce@index.com.jo			
PROJECT	WADI ALMOUJIB FLOOD PROTECTION WORKS			
DRG. TITLE	WADI 2 EX.-SIDE NKHILA SNK-3 CHECK DAM STA.0+025 DETAILS-3			
DRAWN BY	: CAD		SCALE: AS SHOWN	
DESIGNED BY	: A.A		DATE : JUL-2026	
CHECKED BY	: G.H		PROJECT No.	DRAWING No.
APPROVED BY	: M.M			R-05



CLIENT :

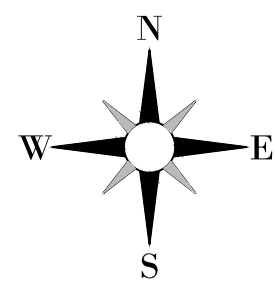


NOTES:

- 1- ALL DIMENSIONS & STATIONS ARE IN METER UNLESS OTHER WISE STATED.
- 2- COORDINATES SYSTEM BASED ON PALESTINE GRID 1923 (CASSINI)
- 3- CONTOUR INTERVALS :
MAJOR = 2.50 m
MINOR = 0.50m

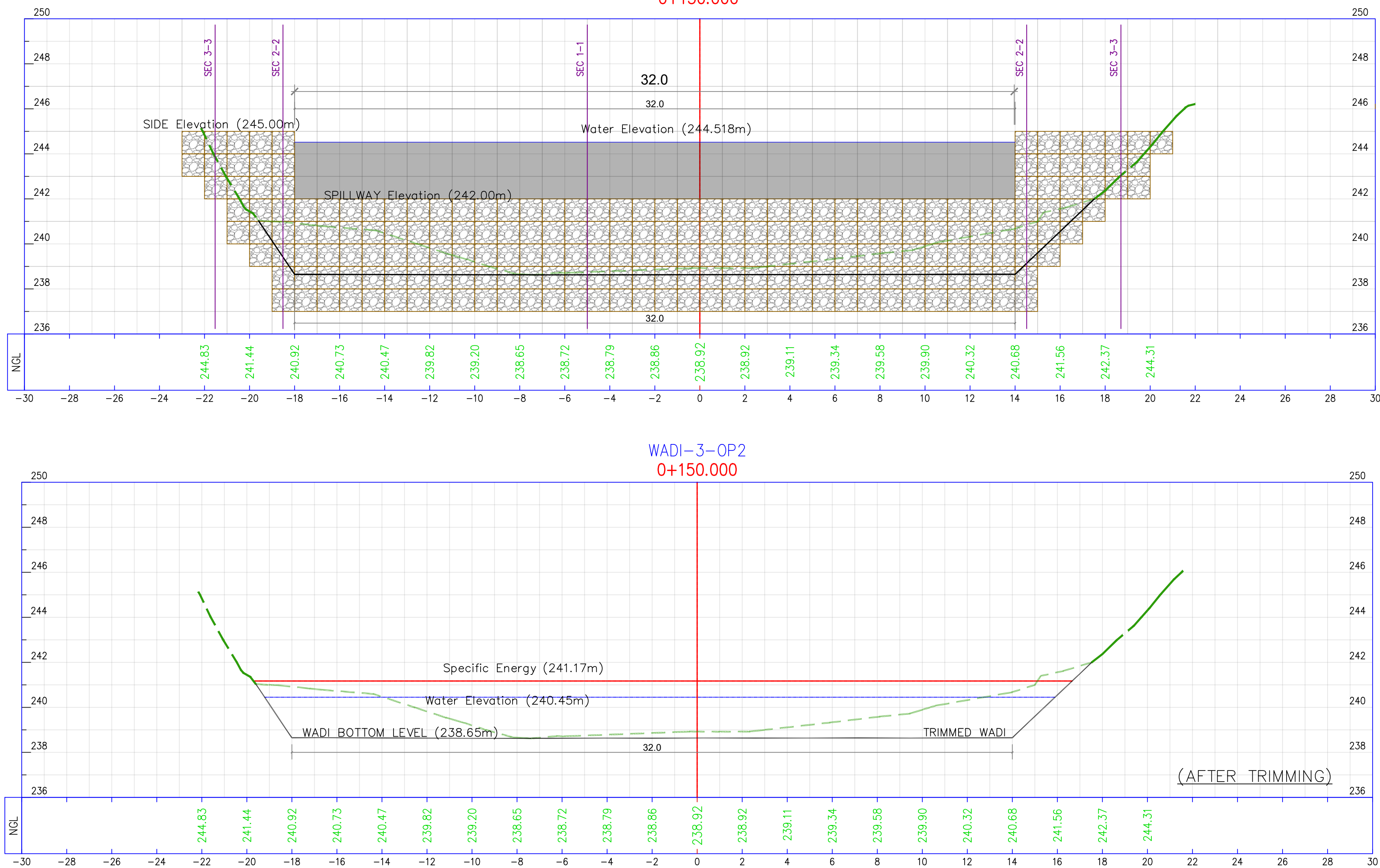
LEGEND

- BUILDING
- WALL
- SAND STONE ROCK
- PRIVATE PROPERTY
- JVA LAND PROPERTY
- PROPOSED STRUCTURE



Point No.	Easting	Northing	Elevation
CP1	230275.423	1094393.926	196.759
CP2	230703.387	1094384.757	203.191
CP3	226813.600	1094783.228	258.837
CP4	226863.729	1094762.443	257.073
CP5	227856.548	1095138.675	158.277
CP6	227773.202	1095142.899	150.868
CP7	229507.485	1091604.409	211.852
CP8	229779.681	1091514.266	205.108
BM1	232240.570	1093195.268	240.575
BM2	232203.412	1093142.545	240.333

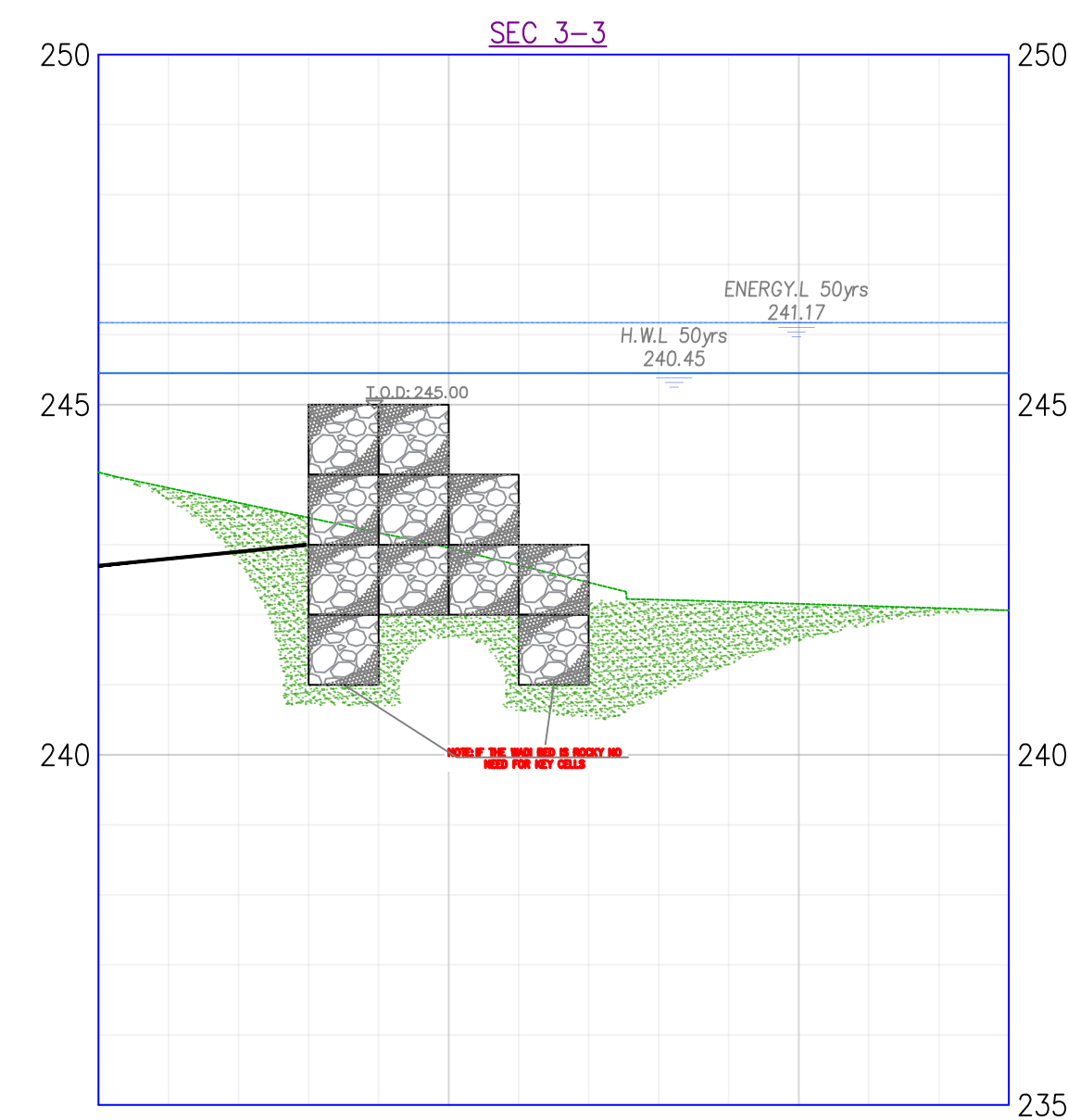
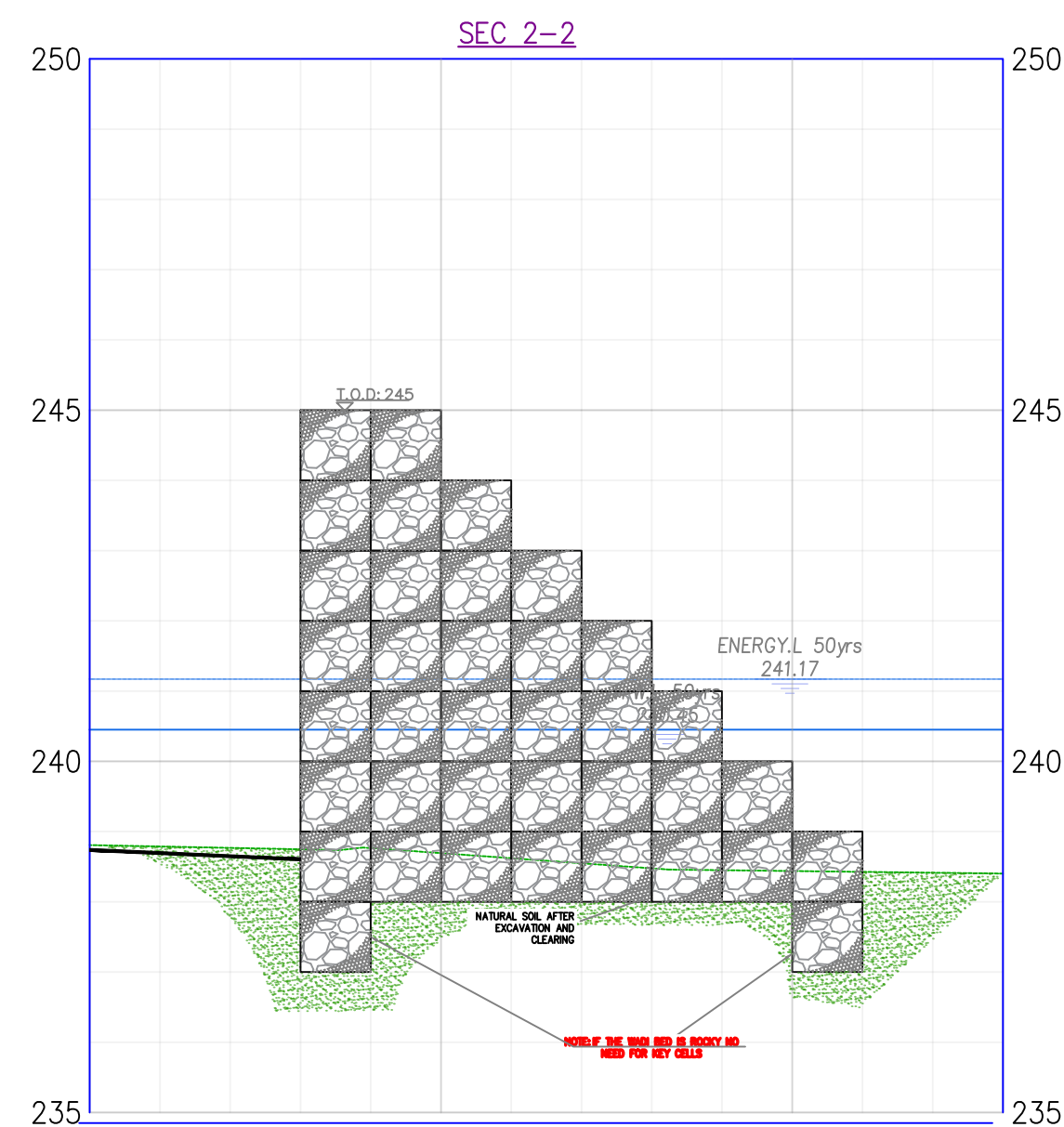
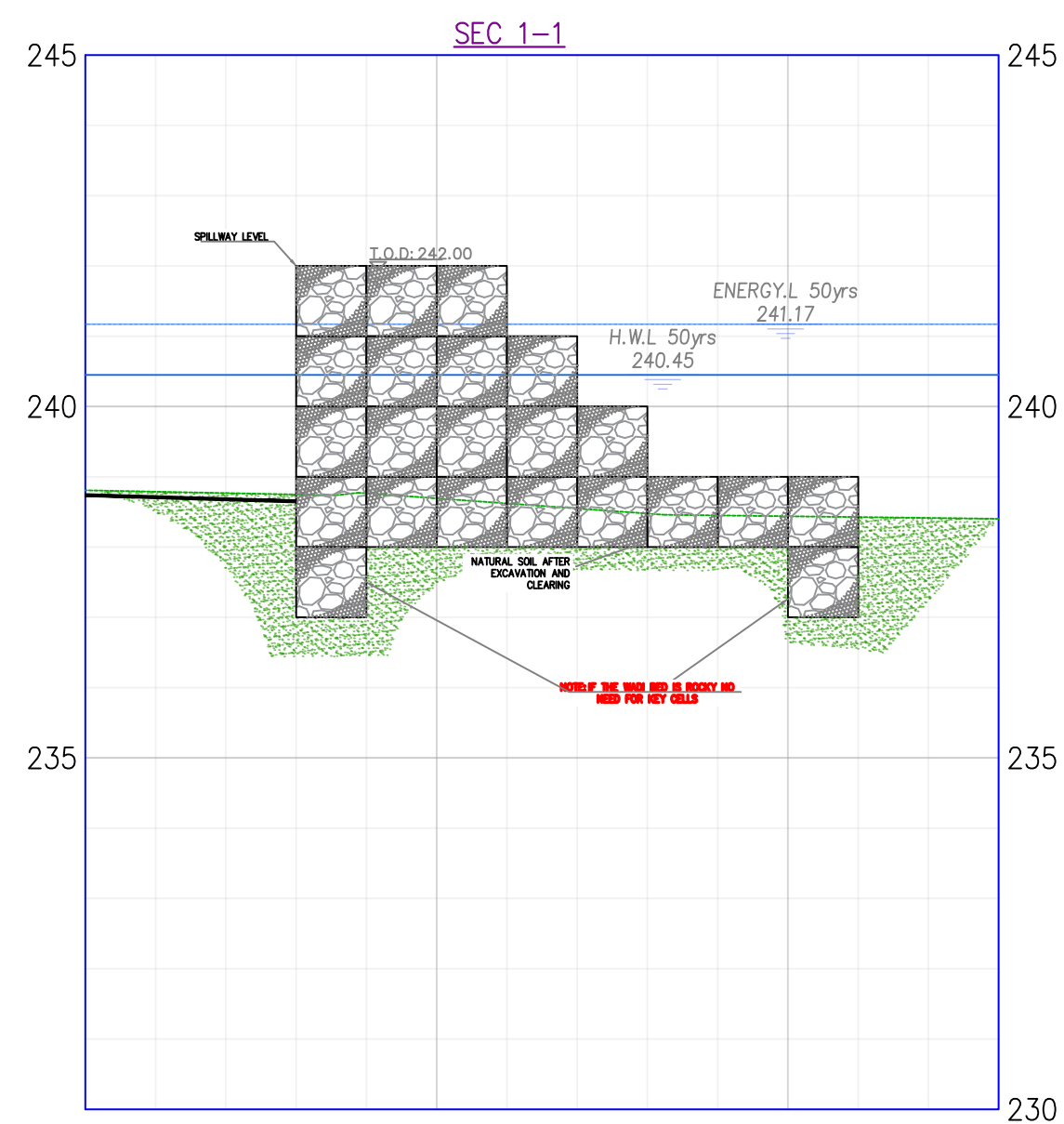
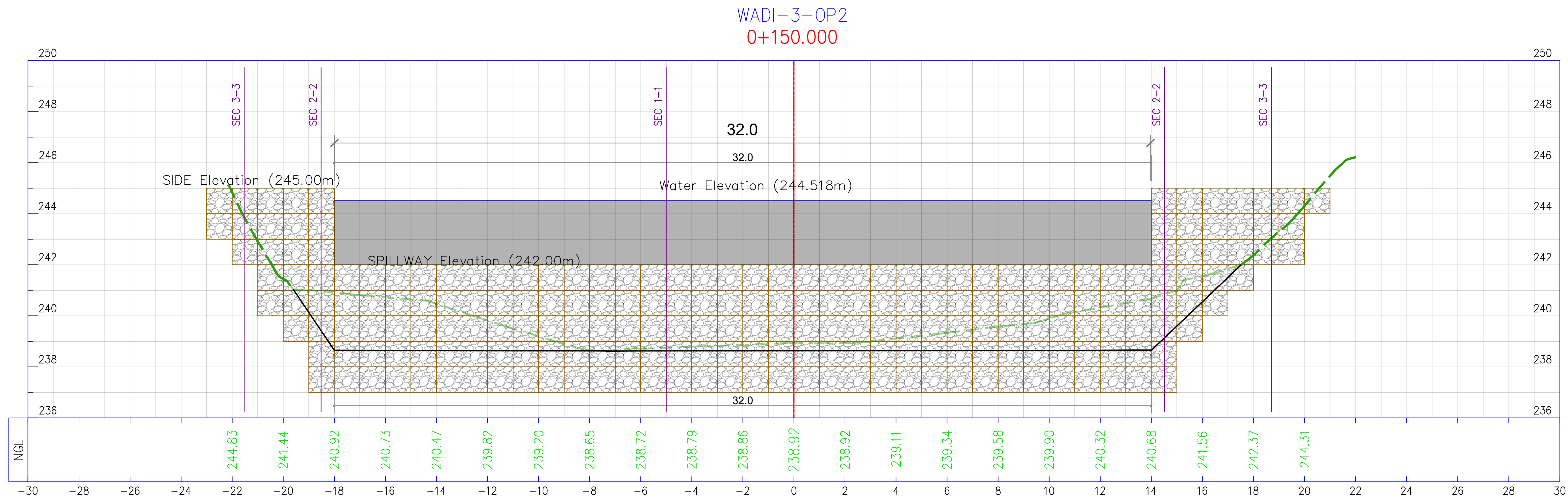
REV. MARK	DATE	MADE BY	REMARKS	
CLIENT		DANISH REFUGEE COUNCIL		
M P C E	MADI & PARTNERS CONSULTING ENGINEERS TEL:5829640-5829641 FAX:5829642 e-mail : mpce@index.com.jo			
PROJECT		WADI ALMOUJIB FLOOD PROTECTION WORKS		
DRG. TITLE		WADI 3-SALAYTA2 LAYOUT AND SECTION		
DRAWN BY : CAD			SCALE:AS SHOWN	
DESIGNED BY : A.A			DATE : JUL-2026	
CHECKED BY : G.H			PROJECT No.	DRAWING No.
APPROVED BY: M.M				R-6



	BUILDING
	WALL
	SAND STONE ROCK
	PRIVATE PROPERTY
	JVA LAND PROPERTY
	PROPOSED STRUCTURE

- GABIONS: 1110 m³
- EXCAVATIONS: 1000 m³

REV.	MARK	DATE	MADE BY	REMARKS
CLIENT		DANISH REFUGEE COUNCIL		
M P C E	MADI & PARTNERS CONSULTING ENGINEERS TEL:5629640-5629641 FAX:5629642 e-mail : mpcee@index.com.jo			
PROJECT		WADI ALMOUJIB FLOOD PROTECTION WORKS		
DRG. TITLE		WADI 3-SALAYTA2 CHECK DAM SA-4 STA. 0+150 DETAILS-2		
DRAWN BY : CAD			SCALE: 1:125	
DESIGNED BY : A.A			DATE : JUL.-2026	
CHECKED BY : G.H			PROJECT No.	
APPROVED BY: M.M			DRAWING No. R-8	



CLIENT :



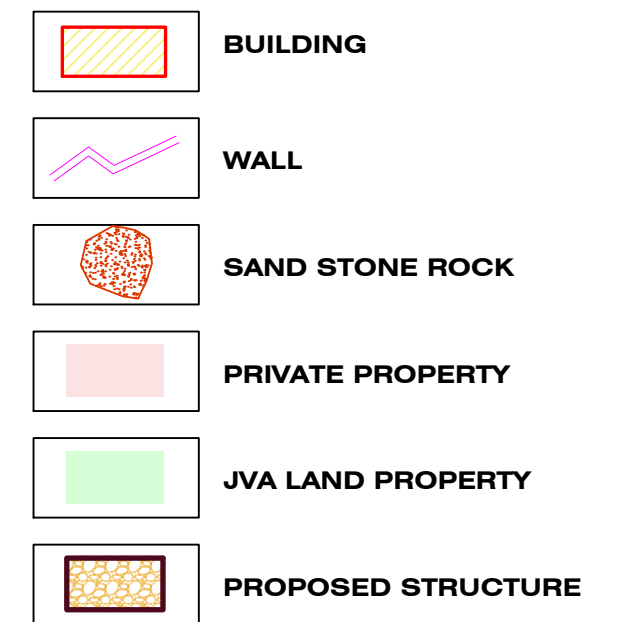
NOTES:

- 1- ALL DIMENSIONS & STATIONS ARE IN METER UNLESS OTHER WISE STATED.
- 2- COORDINATES SYSTEM BASED ON PALESTINE GRID 1923 (CASSINI)

3- CONTOUR INTERVALS :

MAJOR = 2.50 m
MINOR = 0.50m

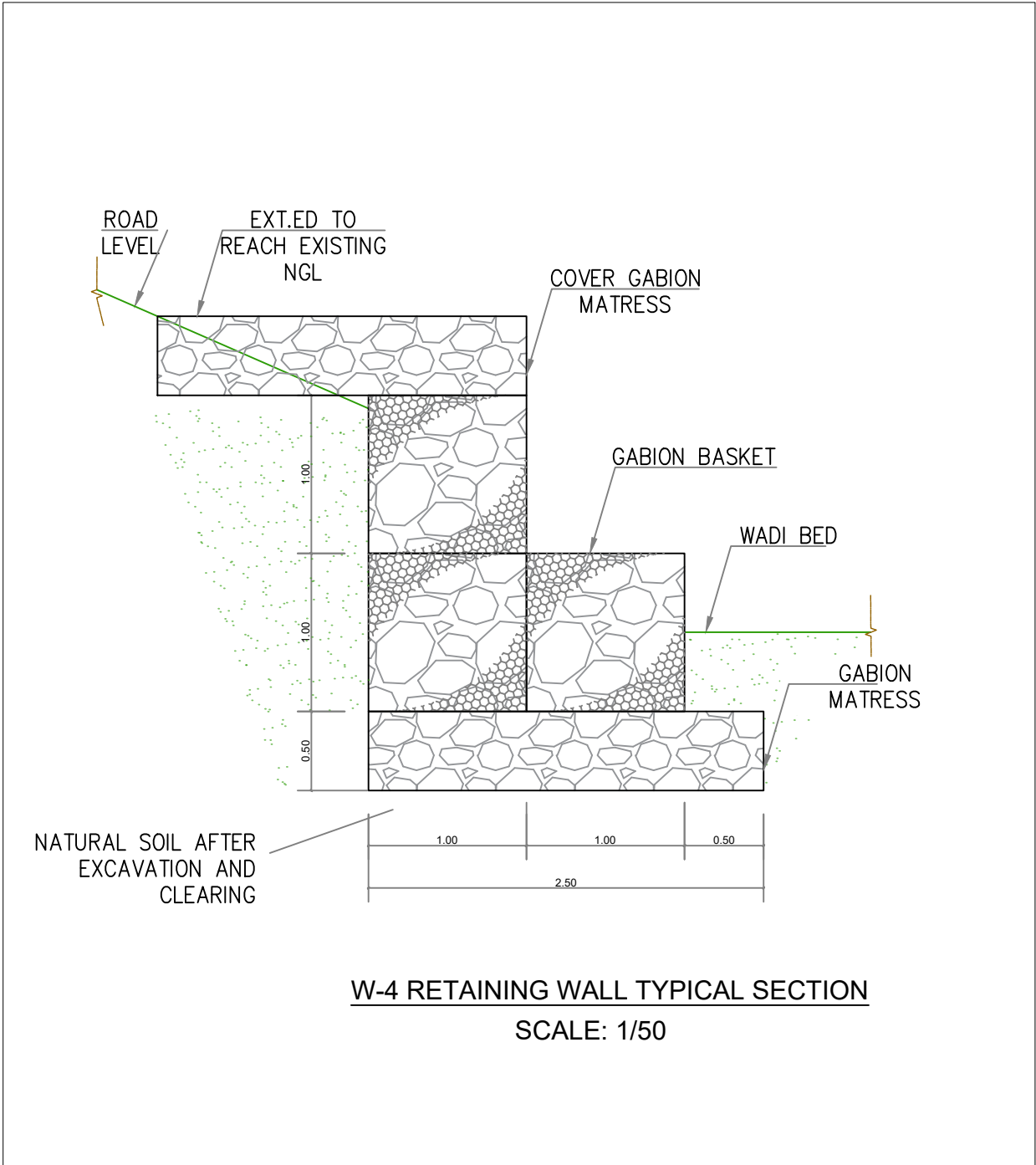
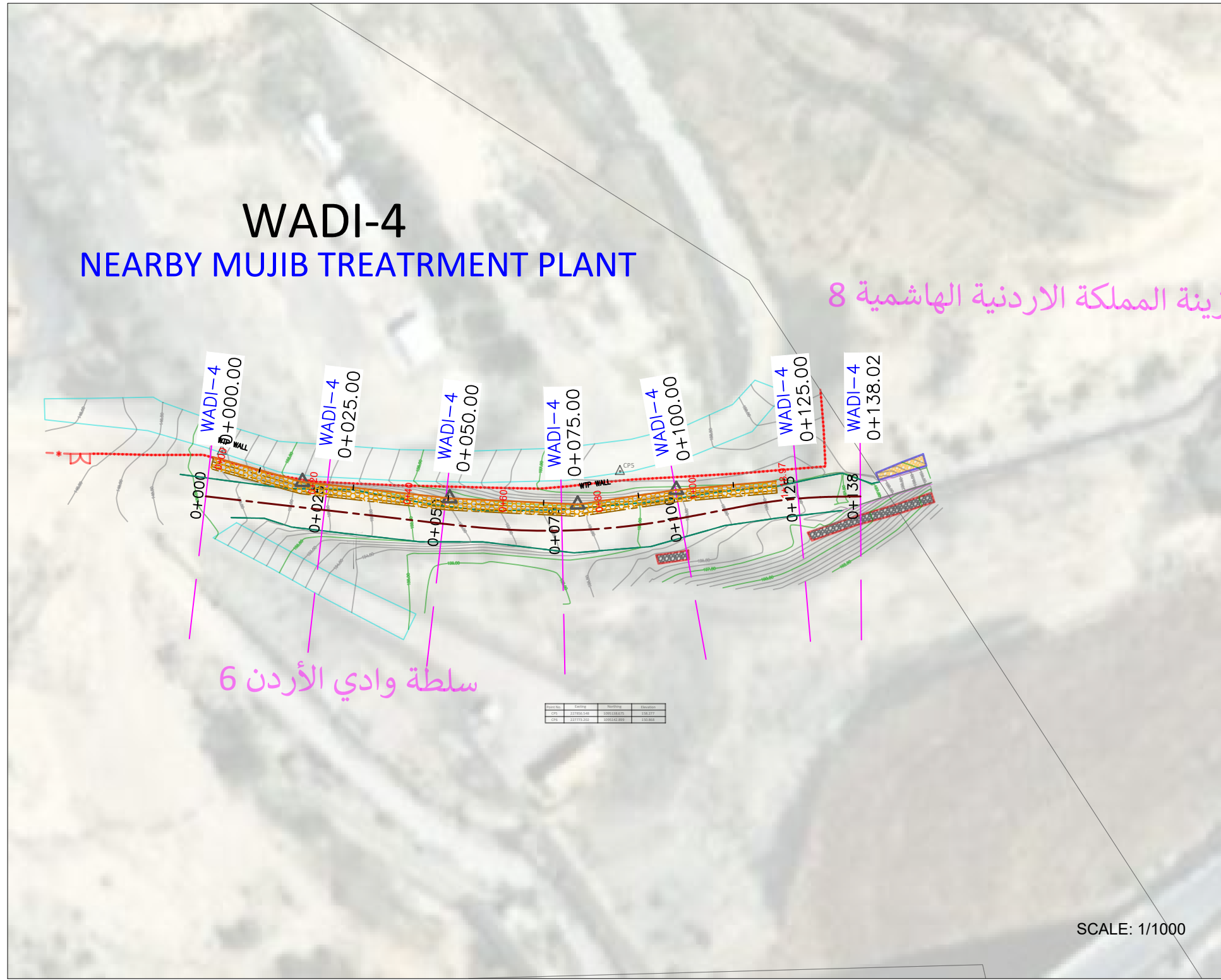
LEGEND



SA4-EXPECTED ESTIMATED QUANTITIES:

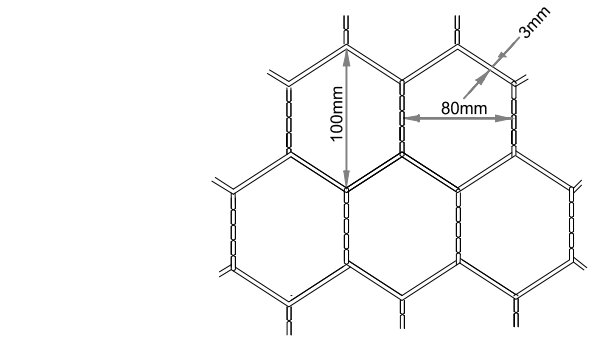
- GABIONS: 1110 m³
- EXCAVATIONS: 1000 m³

REV.	MARK	DATE	MADE BY	REMARKS
CLIENT	DANISH REFUGEE COUNCIL			
M P C E	MADI & PARTNERS CONSULTING ENGINEERS TEL:5829640-5829641 FAX:5829642 e-mail : mpce@index.com.jo			
	PROJECT WADI ALMOUJIB FLOOD PROTECTION WORKS			
DRG. TITLE	WADI 3-SALAYTA2 CHECK DAM SA-4 STA. 0+150 DETAILS-3			
DRAWN BY : CAD	SCALE: 1:100		DATE : JUL-2026	
DESIGNED BY : A.A	PROJECT No.		DRAWING No.	
CHECKED BY : G.H	APPROVED BY: M.M		R-9	



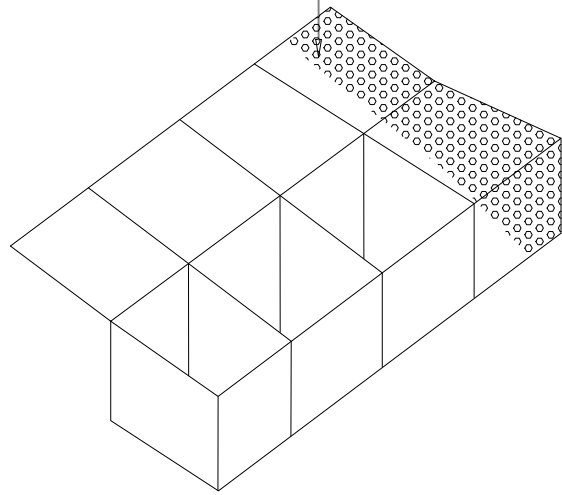
BACKFILL SHOULD NOT BE:

- CLASSIFIED AS A6 OR A7
- CLAYEY SOIL WHICH WOULD REACH MAXIMUM DRY DENSITY AFTER COMPACTION LOWER THAN 1.6GM/CM³
- CLAYEY SOIL WITH A NATURAL MOISTURE CONTENT 5% OR MORE IN EXCESS OF THE OPTIMUM MOISTURE CONTENT.
- SOILS WITH MORE THAN 5% OF ORGANIC IMPURITIES.
- BOULDERS OR ROCK FRAGMENTS EXCEEDING 2/3 OF THE THICKNESS OF LAYER TO BE COMPACTED.

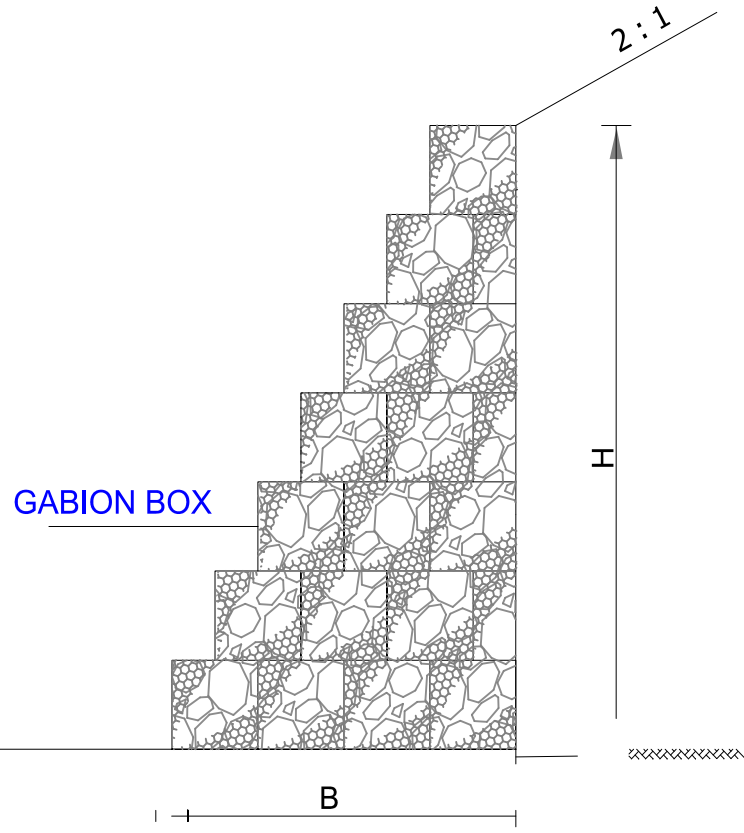


STEEL WIRE MESH FOR GABION BOX

GALVANIZED MESH (8*10cm) 3mm DIA



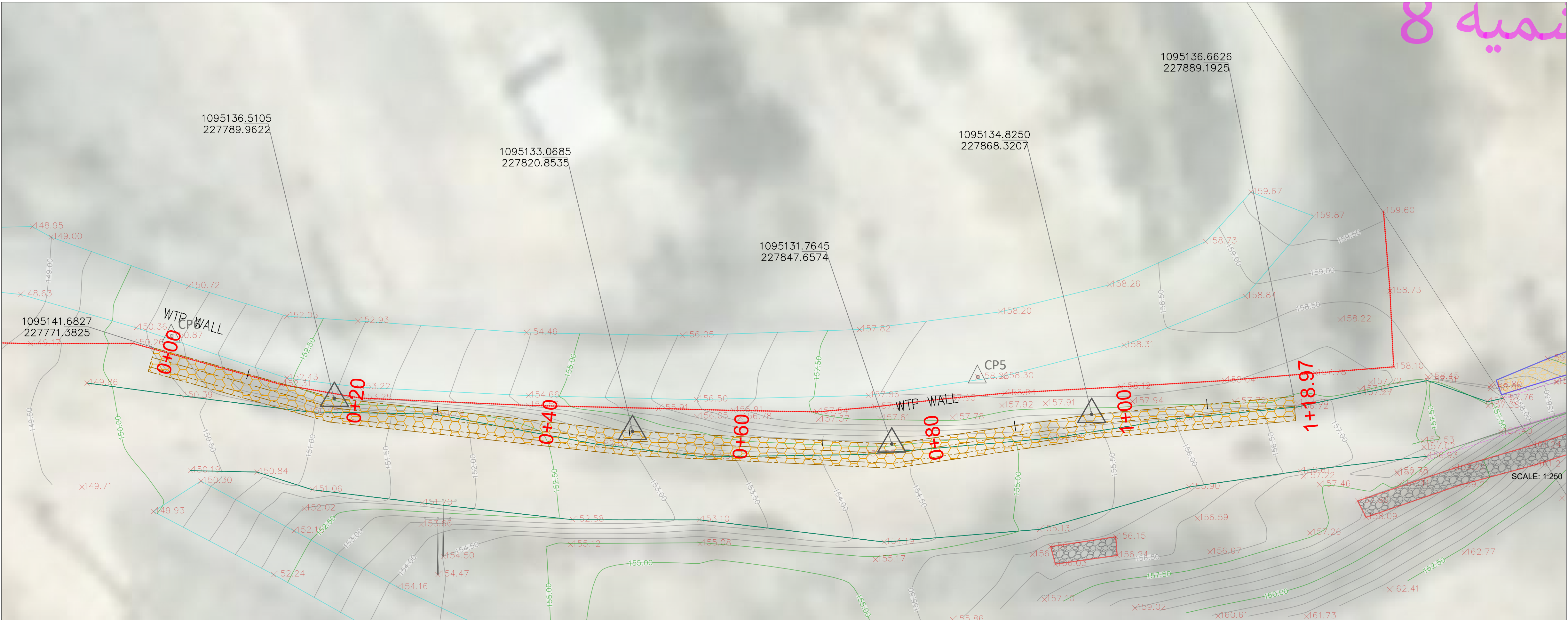
GALVANIZED BOX GABIONS 1mx1mx1m



GABION WALLS

-ALL DIM. ARE IN METERS UNLESS OTHERWISE SHOWN .

HEIGHT OF WALL (H)	WIDTH OF LAYER NO.							BASE WIDTH (m) (B)	NO. OF LAYERS
	1	2	3	4	5	6	7		
≤1	1.0							1.25	1
2	1.0	2.0						2.25	2
3	1.0	2.0	3.0					3.25	3
4	1.0	1.5	2.5	3.5				3.75	4
5	1.0	1.5	2.0	3.0	4.0			4.25	5
6	1.5	1.5	2.0	2.0	3.5	5.0		5.25	6
7	1.5	1.5	2.5	2.5	3.5	5.5	5.5	5.75	7



CLIENT :

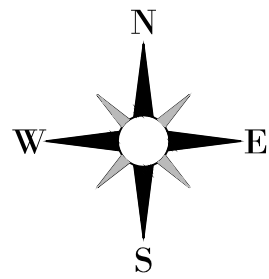


NOTES:

- 1- ALL DIMENSIONS & STATIONS ARE IN METER UNLESS OTHER WISE STATED.
- 2- COORDINATES SYSTEM BASED ON PALESTINE GRID 1923 (CASSINI)
- 3- CONTOUR INTERVALS :
MAJOR = 2.50 m
MINOR = 0.50m

LEGEND

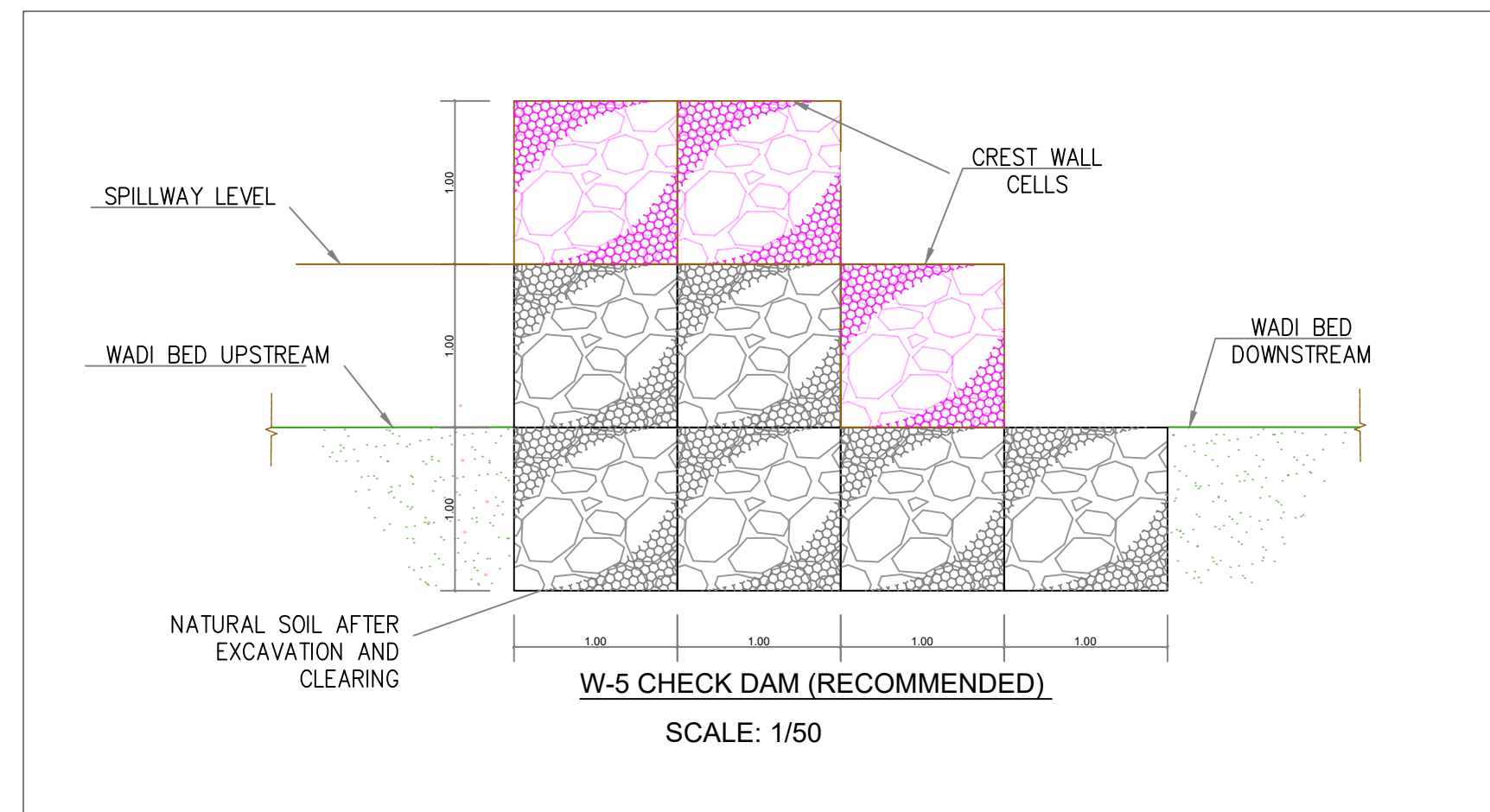
- BUILDING
- WALL
- SAND STONE ROCK
- PRIVATE PROPERTY
- JVA LAND PROPERTY
- PROPOSED STRUCTURE
- 50YEARS FLOOD BOUNDARY
- 100YEARS FLOOD BOUNDARY
- EXISTING NATURAL LEVEL
- 100YRS FLOOD WATER LEVEL*
- 50YRS FLOOD WATER LEVEL*



Point No.	Easting	Northing	Elevation
CP1	230275.423	1094393.926	196.759
CP2	230703.387	1094384.757	203.191
CP3	226813.600	1094783.228	258.837
CP4	226863.729	1094762.443	257.073
CP5	227856.548	1095138.675	158.277
CP6	227773.202	1095142.899	150.868
CP7	229507.485	1091604.409	211.852
CP8	229779.681	1091514.266	205.108
BM1	232240.570	1093195.268	240.575
BM2	232203.412	1093142.545	240.333

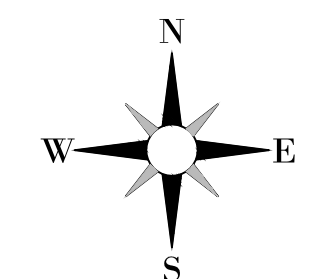
*ALL FLOOD LEVELS SHOWN ARE BASED ON THE EXISTING/CURRENT CONDITION BEFORE CONSTRUCTION OF THE PROPOSED CHECK DAMS/ STRUCTURES.

REV.	MARK	DATE	MADE BY	REMARKS
CLIENT	DANISH REFUGEE COUNCIL			
M P C E	MADI & PARTNERS CONSULTING ENGINEERS TEL:5829640-5829641 FAX:5829642 e-mail : mpce@index.com.jo			
PROJECT	WADI ALMOJIB FLOOD PROTECTION WORKS			
DRG. TITLE	WADI 4:TREATMENT PLANT RW DETAILS-1			
DRAWN BY	CAD	SCALE	AS SHOWN	
DESIGNED BY	A.A	DATE	JUL -2026	
CHECKED BY	G.H	PROJECT No.	DRAWING No.	
APPROVED BY	M.M		R-16	

[illegible]

MINOR = 0.50m

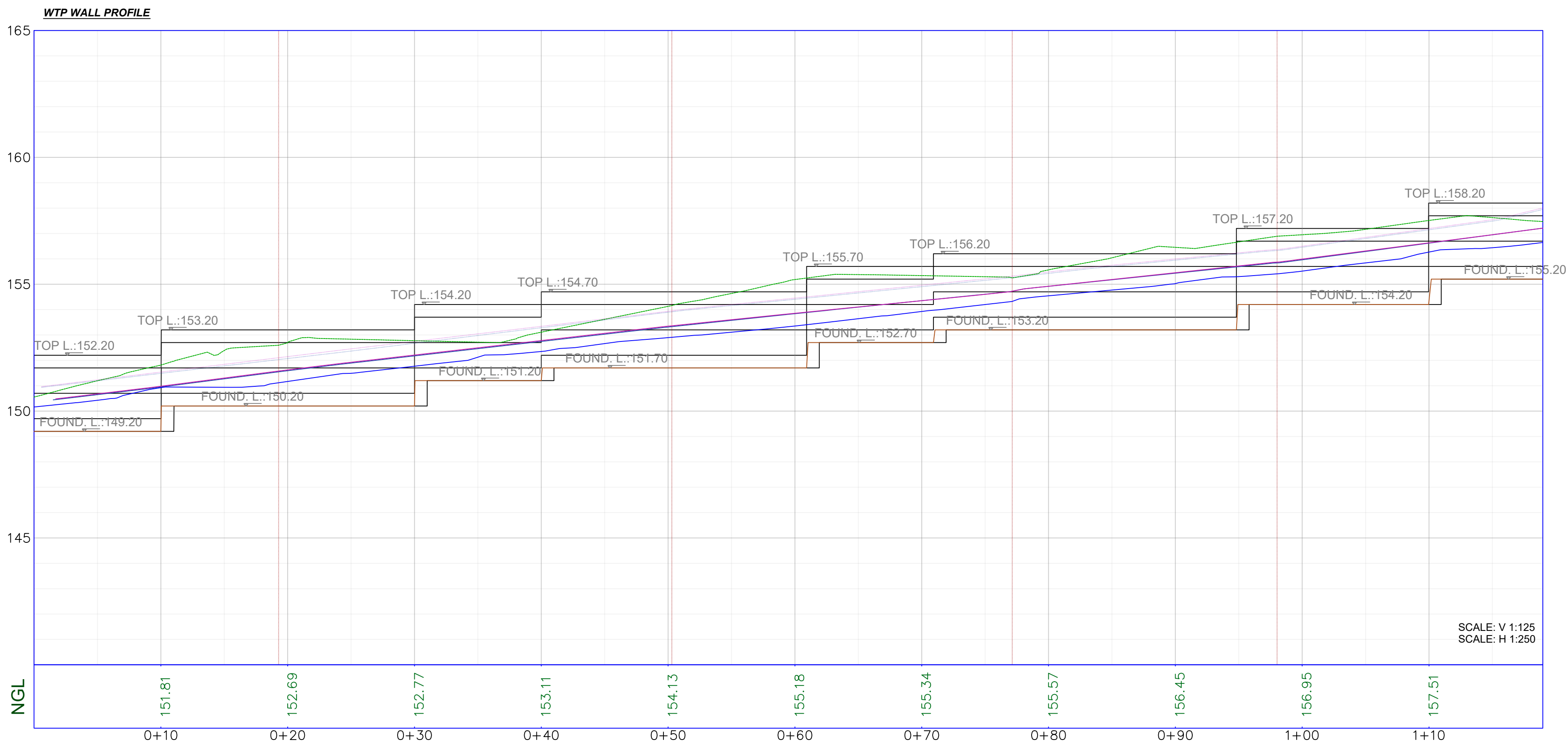
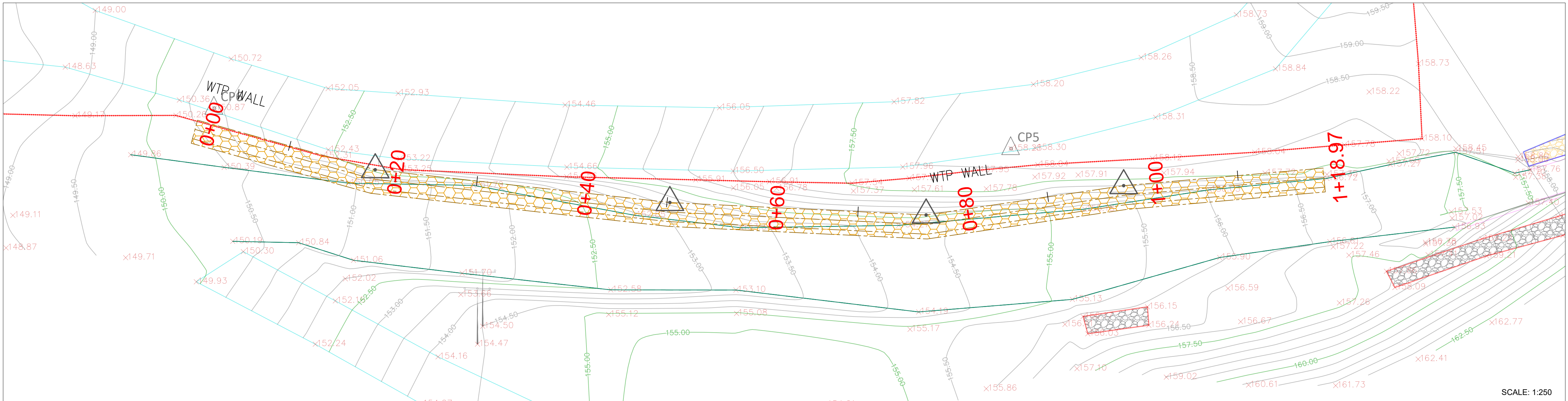
PROPOSED STRUCTURE



Point No.	Easting	Northing	Elevation
CP1	230275.423	1094393.926	196.759
CP2	230703.387	1094384.757	203.191
CP3	226813.600	1094783.228	258.837
CP4	226863.729	1094762.443	257.073
CP5	227856.548	1095138.675	158.277
CP6	227773.202	1095142.899	150.688
CP7	229507.485	1091604.409	211.852
CP8	229779.681	1091514.266	205.108
BM1	232240.570	1093195.268	240.575
BM2	232703.412	1093142.545	240.333

*ALL FLOOD LEVELS SHOWN ARE BASED ON THE EXISTING/CURRENT CONDITION BEFORE CONSTRUCTION OF THE PROPOSED CHECK DAMS\ STRUCTURES.

REV.	MARK	DATE	MADE BY	REMARKS
CLIENT		DANISH REFUGEE COUNCIL		
		MADI & PARTNERS CONSULTING ENGINEERS TEL.5829640-5829641 FAX.5829642 e-mail : mpce@index.com.jo		
PROJECT		WADI ALMOUJIB FLOOD PROTECTION WORKS		
DRG. TITLE		WADI 5:CULVERT DETAILS-1		
DRAWN BY		: CAD	SCALE:AS SHOWN	
DESIGNED BY		: A.A	DATE : JUL.-2026	
CHECKED BY		: G.H	PROJECT No.	
APPROVED BY		: M.M	DRAWING No. R - 11	



WALL EXPECTED ESTIMATED QUANTITIES:

- GABIIONS: 700 m³
- EXCAVATIONS: 600m³

CLIENT :

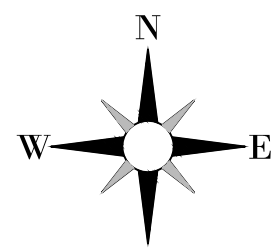


NOTES:

- 1- ALL DIMENSIONS & STATIONS ARE IN METER UNLESS OTHER WISE STATED.
- 2- COORDINATES SYSTEM BASED ON PALESTINE GRID 1923 (CASSINI)
- 3- CONTOUR INTERVALS :
MAJOR = 2.50 m
MINOR = 0.50m

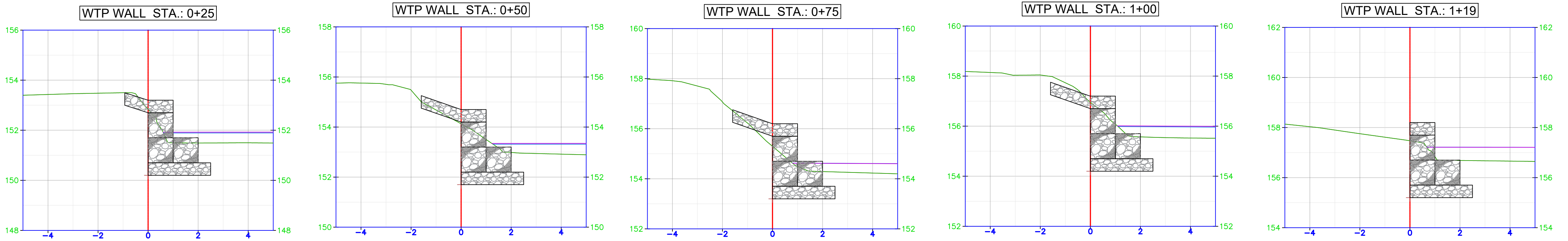
LEGEND

- BUILDING
- WALL
- SAND STONE ROCK
- PRIVATE PROPERTY
- JVA LAND PROPERTY
- PROPOSED STRUCTURE
- 50YEARS FLOOD BOUNDARY
- 100YEARS FLOOD BOUNDARY
- EXISTING NATURAL LEVEL
- 100YRS FLOOD WATER LEVEL*
- 50YRS FLOOD WATER LEVEL*

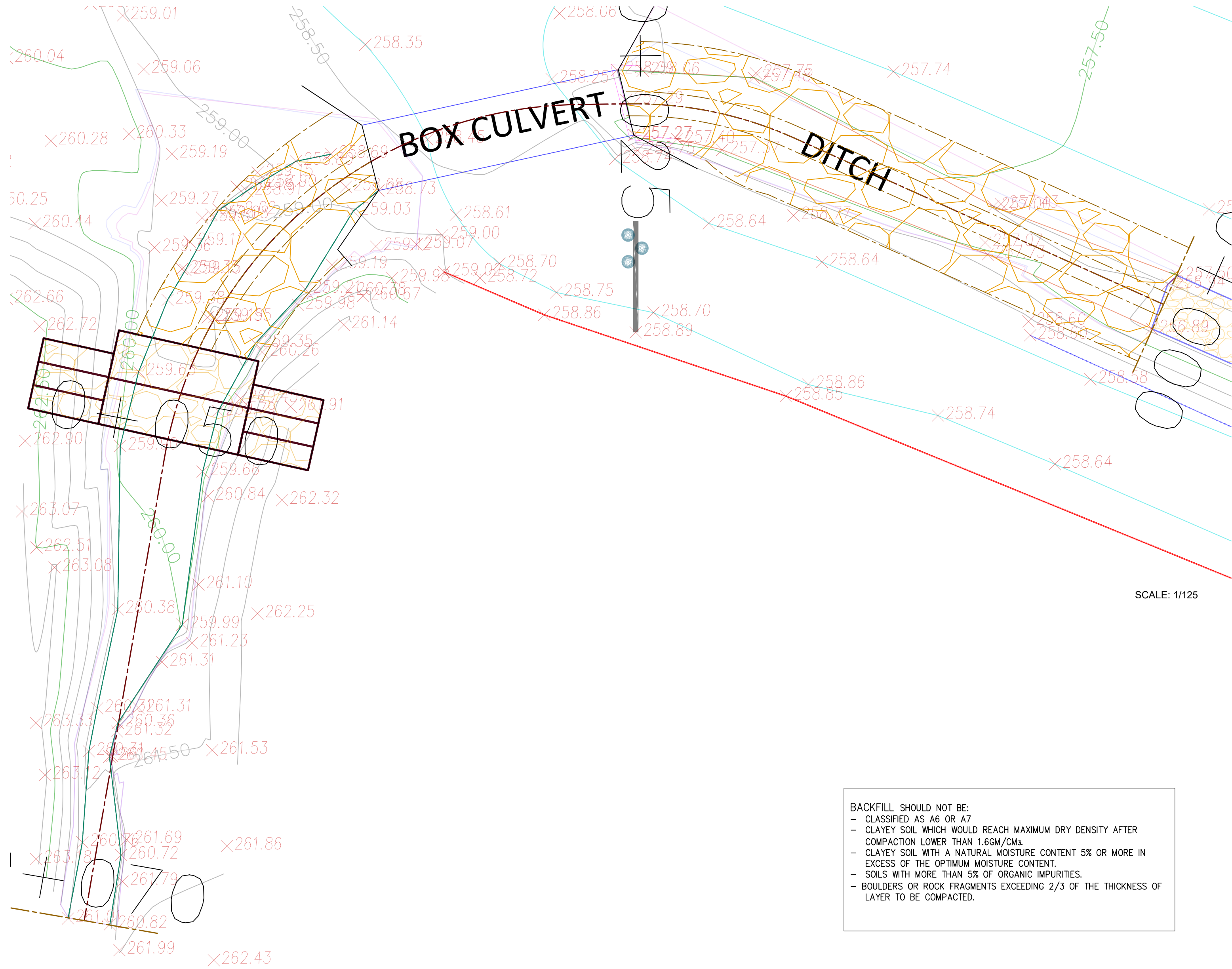


Point No.	Easting	Northing	Elevation
CP1	230275.423	1094393.926	196.759
CP2	230703.387	1094384.757	203.191
CP3	226813.600	1094783.228	258.837
CP4	226863.729	1094762.443	257.073
CP5	227856.548	1095138.675	158.277
CP6	227773.202	1095142.899	150.868
CP7	229507.485	1091604.409	211.852
CP8	229779.681	1091514.266	205.108
BM1	232240.570	1093195.268	240.575
BM2	232203.412	1093142.545	240.333

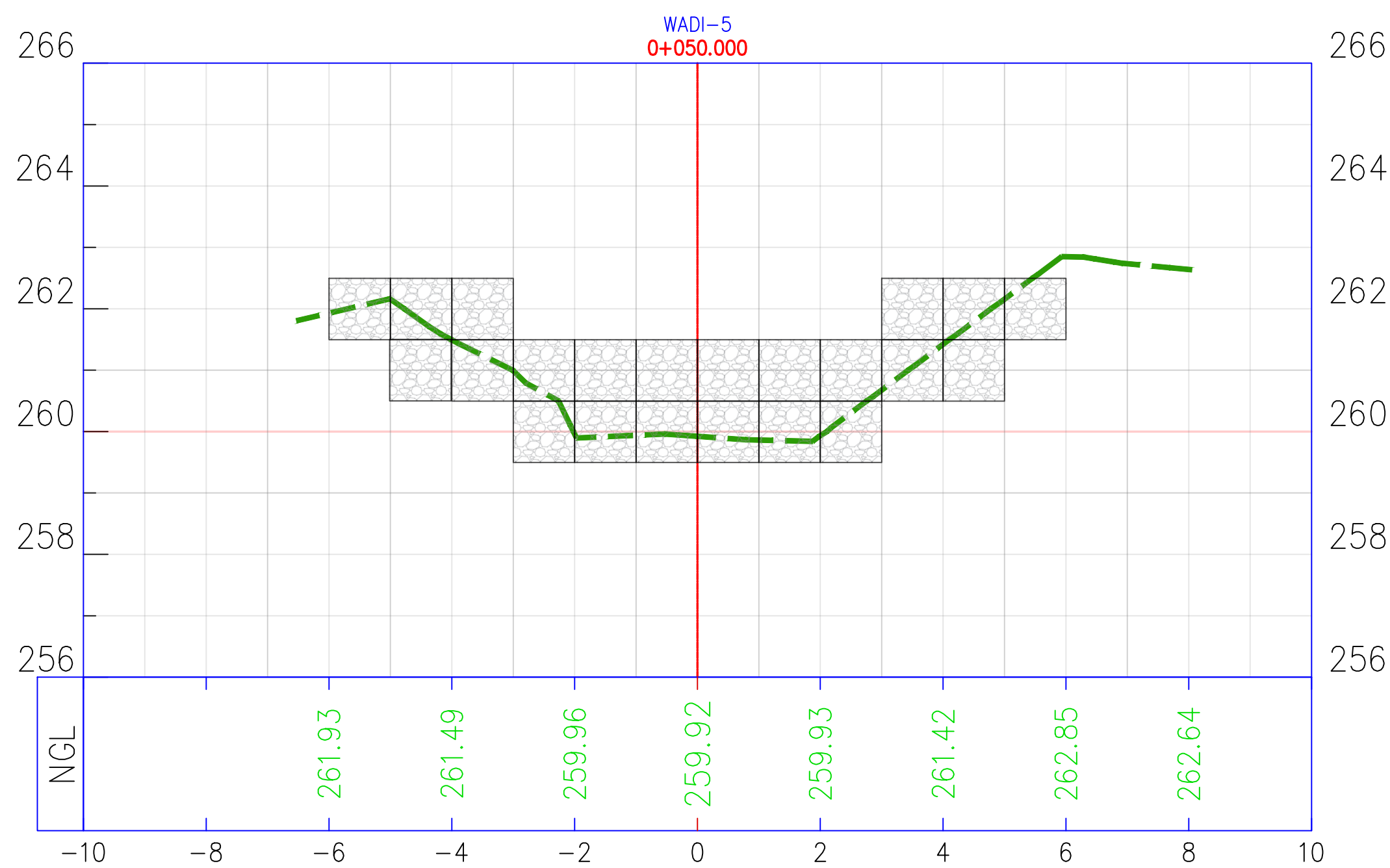
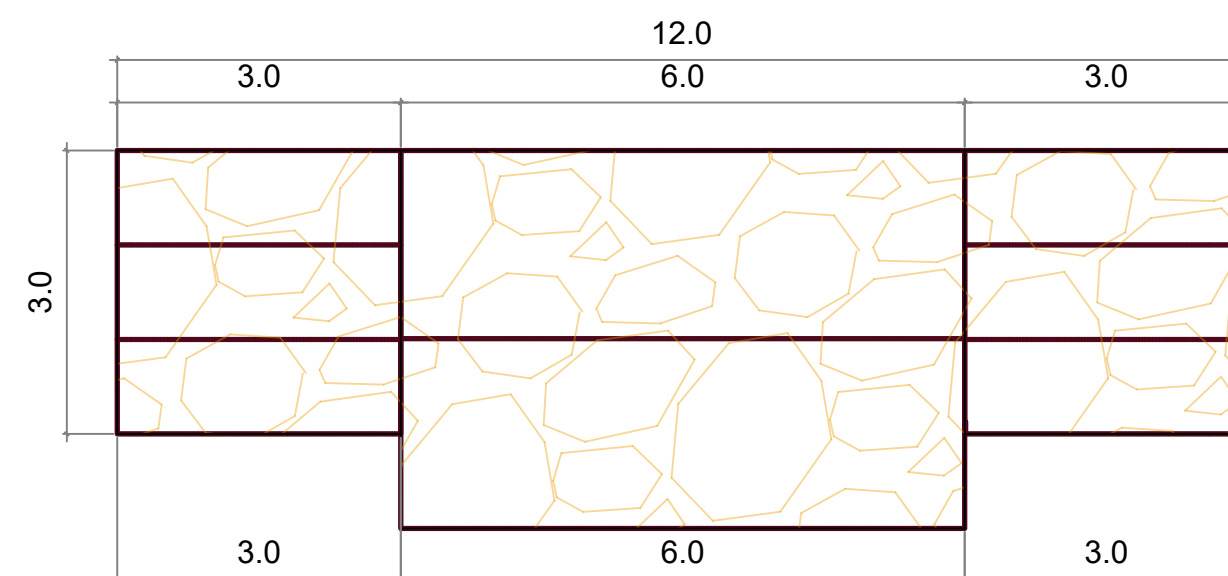
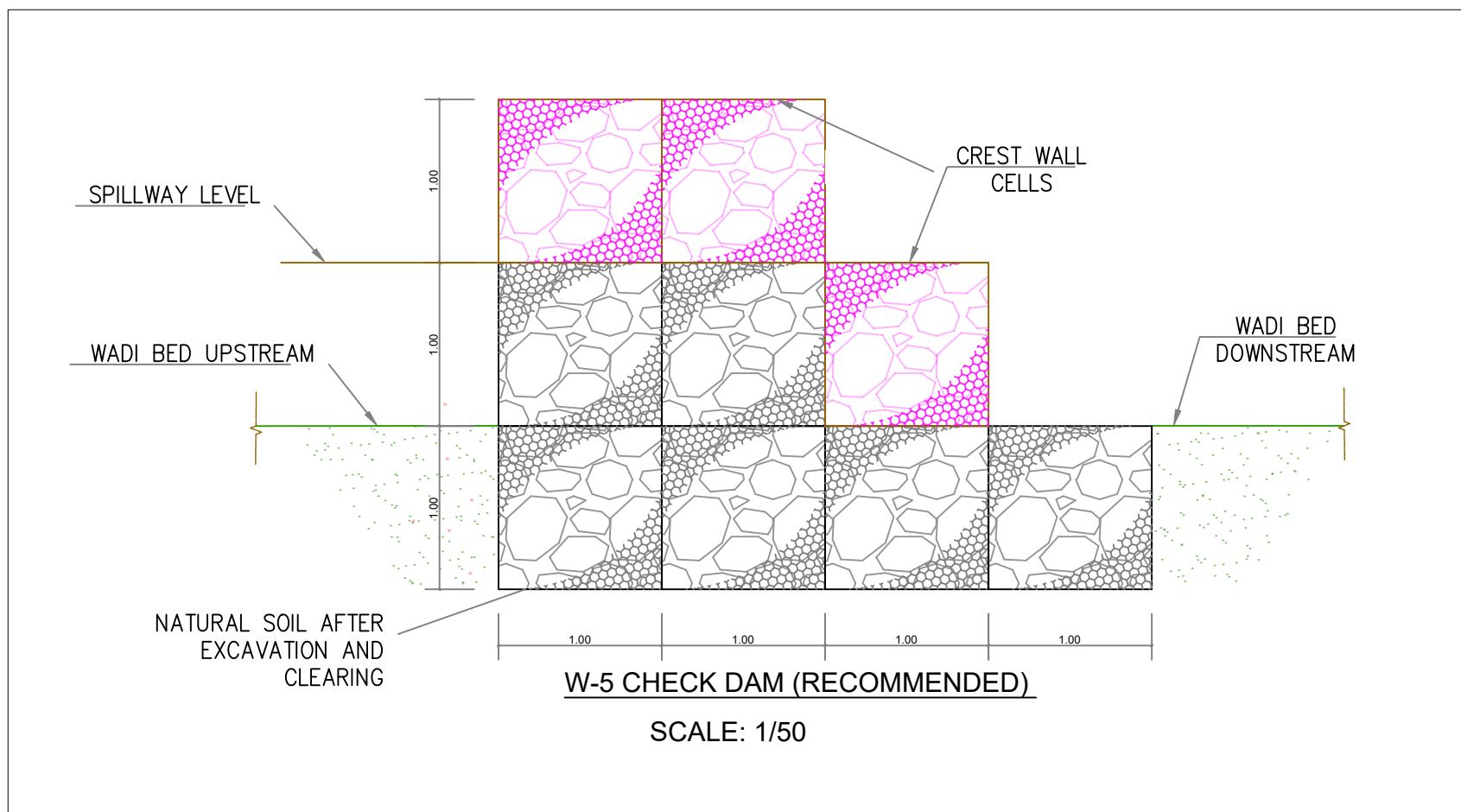
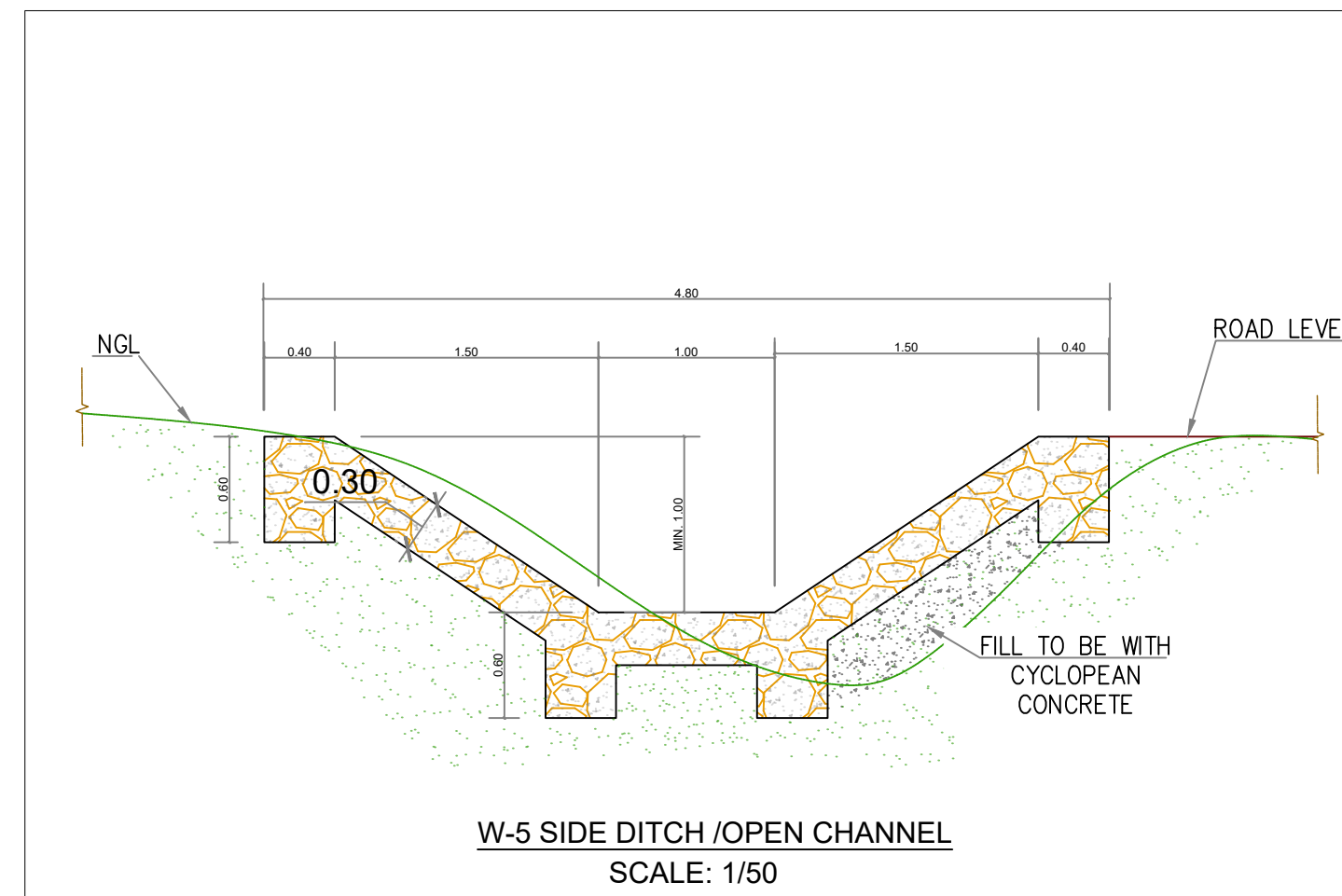
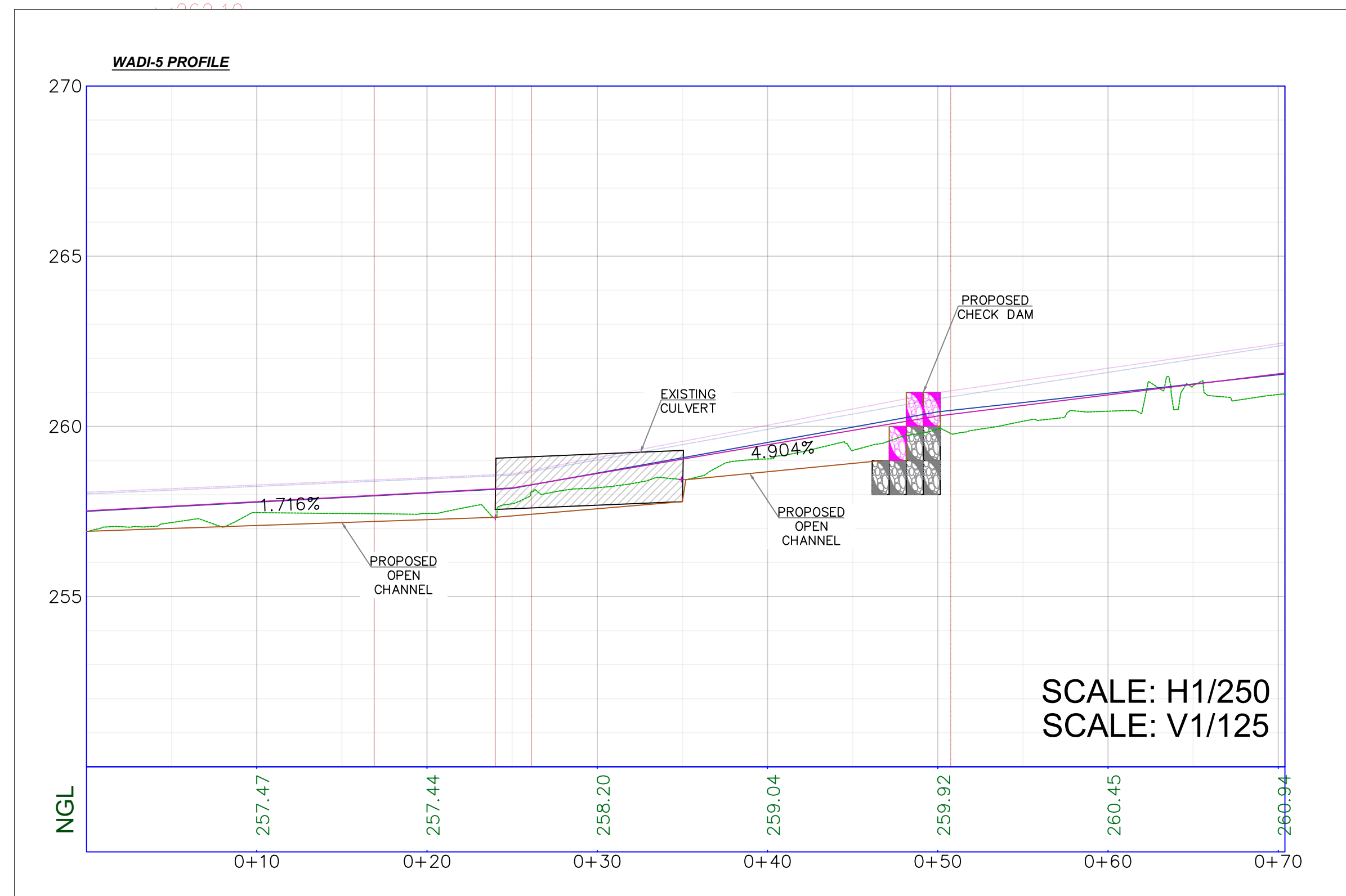
*ALL FLOOD LEVELS SHOWN ARE BASED ON THE EXISTING/CURRENT CONDITION BEFORE CONSTRUCTION OF THE PROPOSED CHECK DAMS\ STRUCTURES.



REV.	MARK	DATE	MADE BY	REMARKS
CLIENT	DANISH REFUGEE COUNCIL			
MADI & PARTNERS CONSULTING ENGINEERS	TEL:5829640-5829641 FAX:5829642 e-mail : mpce@index.com.jo			
PROJECT	WADI ALMOUJIB FLOOD PROTECTION WORKS			
DRG. TITLE	WADI 4:TREATMENT PLANT RW DETAILS-2			
DRAWN BY : CAD	SCALE:AS SHOWN			
DESIGNED BY : A.A	DATE : JUL-2026			
CHECKED BY : G.H	PROJECT No.	DRAWING No.		
APPROVED BY : M.M		R-12		



BACKFILL SHOULD NOT BE:
- CLASSIFIED AS A6 OR A7
- CLAYEY SOIL WHICH WOULD REACH MAXIMUM DRY DENSITY AFTER COMPACTION LOWER THAN 1.6GM/CM³
- CLAYEY SOIL WITH A NATURAL MOISTURE CONTENT 5% OR MORE IN EXCESS OF THE OPTIMUM MOISTURE CONTENT.
- SOILS WITH MORE THAN 5% OF ORGANIC IMPURITIES.
- BOULDERS OR ROCK FRAGMENTS EXCEEDING 2/3 OF THE THICKNESS OF LAYER TO BE COMPACTED.



CLIENT :

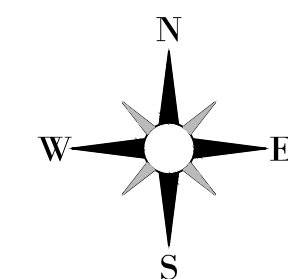


NOTES:

- 1- ALL DIMENSIONS & STATIONS ARE IN METER UNLESS OTHER WISE STATED.
- 2- COORDINATES SYSTEM BASED ON PALESTINE GRID 1923 (CASSINI)
- 3- CONTOUR INTERVALS :
MAJOR = 2.50 m
MINOR = 0.50m

LEGEND

- BUILDING
- WALL
- SAND STONE ROCK
- PRIVATE PROPERTY
- JVA LAND PROPERTY
- 50YEARS FLOOD BOUNDARY
- 100YEARS FLOOD BOUNDARY
- EXISTING NATURAL LEVEL
- 100YRS FLOOD WATER LEVEL*
- 50YRS FLOOD WATER LEVEL*
- PROPOSED STRUCTURE



Point No.	Easting	Northing	Elevation
CP1	230275.423	1094393.926	196.759
CP2	230703.387	1094384.757	203.191
CP3	226813.600	1094783.228	258.837
CP4	226863.729	1094762.443	257.073
CP5	227856.548	1095138.675	158.277
CP6	227773.202	1095142.899	150.868
CP7	229507.485	1091604.409	211.852
CP8	229779.681	1091514.266	205.108
BM1	232240.570	1093195.268	240.575
BM2	232203.412	1093142.545	240.333

*ALL FLOOD LEVELS SHOWN ARE BASED ON THE EXISTING/CURRENT CONDITION BEFORE CONSTRUCTION OF THE PROPOSED CHECK DAMS/ STRUCTURES.

REV.	MARK	DATE	MADE BY	REMARKS
CLIENT		DANISH REFUGEE COUNCIL		
M C	P E	MADI & PARTNERS CONSULTING ENGINEERS TEL:5829640-5829641 FAX:5829642 e-mail : mpce@index.com.jo		
PROJECT		WADI ALMOUJIB FLOOD PROTECTION WORKS		
DRG. TITLE		WADI 5:CULVERT DETAILS-2		
DRAWN BY		: CAD	SCALE:AS SHOWN	
DESIGNED BY		: A.A	DATE : JUL.-2026	
CHECKED BY		: G.H	PROJECT No.	DRAWING No.
APPROVED BY		: M.M	R-13	