CERTIFICATE OF COMPLETION

CONGRATULATIONS!

You have successfully completed an Autodesk® Authorized Training Center® course specifically designed to satisfy your training requirements. Authorized Training Center instructors deliver quality-learning experiences with courses related to Autodesk products utilizing relevant content and comprehensive courseware. Autodesk's vision is to help people imagine, design, and create a better world.

Certificate No. AP702813097236675157631

THEINGI TUN		
NAME		
REVIT ADVANCED FOR SPECIALIZED STRUCTURE		**REVIT 2022**
COURSE TITLE		**PRODUCT**
YE ZARNI TUN	**08-JANUARY-2023**	**41-100 HOURS**
INSTRUCTOR	**COURSE DATE**	**COURSE DURATION**
ZEON LIGHT TRAINING CENTRE		
AUTODESK AUTHORIZED TRAINING CENTER		

AUTODESK
Authorized Training Center

BIMACE

BUILDING INFORMATION MODELING
ARCHITECTURE CONSTRUCTION ENGINEERING

BIM ACE Engineering Training Center

CERTIFICATE
OF
SUCCESSFUL COMPLETION

It is hereby certified that

THEINGI TUN

has successfully completed the course in:

BIM Modeling for Architecture & Structure

Date of Completion : 15 September 2020

Zay Yar Htut
B.E (Aerospace)
Training Principal
BIM ACE Engineering Training Center

Reg: No. H-14346

CERTIFICATE OF TRAINING

This is to certify that

THEINGI TUN *son / daughter of* U THEIN WIN

has successfully completed the computer course in the undermentioned subject (s) from 13-1-15 *to* 13-3-15

1. AUTODESK REVIT
2. ARCHITECTURE DESIGN COURSE
3.
4.
5.
6.
7.
8.

QUICKCAD COMPUTER TRAINING CENTER.

YANGON, Dated the 15th MARCH 2015

TIN MAUNG HTWE
Principal,
B.E (CIVIL)
MES.,ASEAN Engineer
Senior Licensed Engineer (L.S 287) Y.C.D.C
Computer Technology (I.T.C)
Aluminium & Glass Technology (B.K.K)

Reg: No. H - 1730

CERTIFICATE OF TRAINING

This is to certify that

THEINGI TUN ~~son~~ / *daughter of* U THEIN WIN

has successfully completed the computer course in the undermentioned subject (s) from 22 - 10 - 13 *to* 22 - 12 - 13

1. AUTOCAD
2. ADVANCED COURSE
3. .....
4. .....
5. .....
6. .....
7. .....
8. .....

QUICKCAD COMPUTER TRAINING CENTER.

YANGON, Dated the 24th DECEMBER 2013

TIN MAUNG HTWE

Principal,
B.E (CIVIL)
MES..ASEAN Engineer
Senior Licensed Engineer (L.S 287) Y.C.D.C
Computer Technology (I.T.C)
Aluminium & Glass Technology (B.K.K)

Reg: No. H - 14279

CERTIFICATE OF TRAINING

This is to certify that

THEINGI TUN ~~son~~ / *daughter of* U THEIN WIN

has successfully completed the computer course in the undermentioned subject (s) from 19 - 12 -14 *to* 19 - 3 - 15

1. 3DS MAX
2. ENGINEERING DESIGN COURSE
3. .....
4. .....
5. .....
6. .....
7. .....
8. .....

QUICKCAD COMPUTER TRAINING CENTER.

YANGON, Dated the 21st MARCH 2015

TIN MAUNG HTWE

Principal,
B.E (CIVIL)
MES..ASEAN Engineer
Senior Licensed Engineer (L.S 287) Y.C.D.C
Computer Technology (I.T.C)
Aluminium & Glass Technology (B.K.K)

PRO
COMPUTER CENTER

Certificate

in

Engineering Drawing (Google SketchUp)

This is to certify that

THEINGI TUN

has successfully completed the following computer training course(s):

- 3D Design
- Texturing & Material
- Dimension
- Match Photo

SAI MIN THANT
Principal
PRO COMPUTING CO., LTD.

Issued Date: 1 December 2013
Issued Place: Yangon, Myanmar

MT ENGINEERING GROUP

ENGINEERING TRAINING CENTRE

CERTIFICATE OF COMPETENCE

This is to certify that

THEINGI TUN

holder of the NRC No. 5/ Ya Ba Na (N) 193371

QUANTITY SURVEY AND SITE MANAGEMENT COURSE

Reg No .010215081
Date of Issue. 13.2.2015

U MYINT THEIN
MT Engineering Group

I can explain the models and demonstrate it on demand.

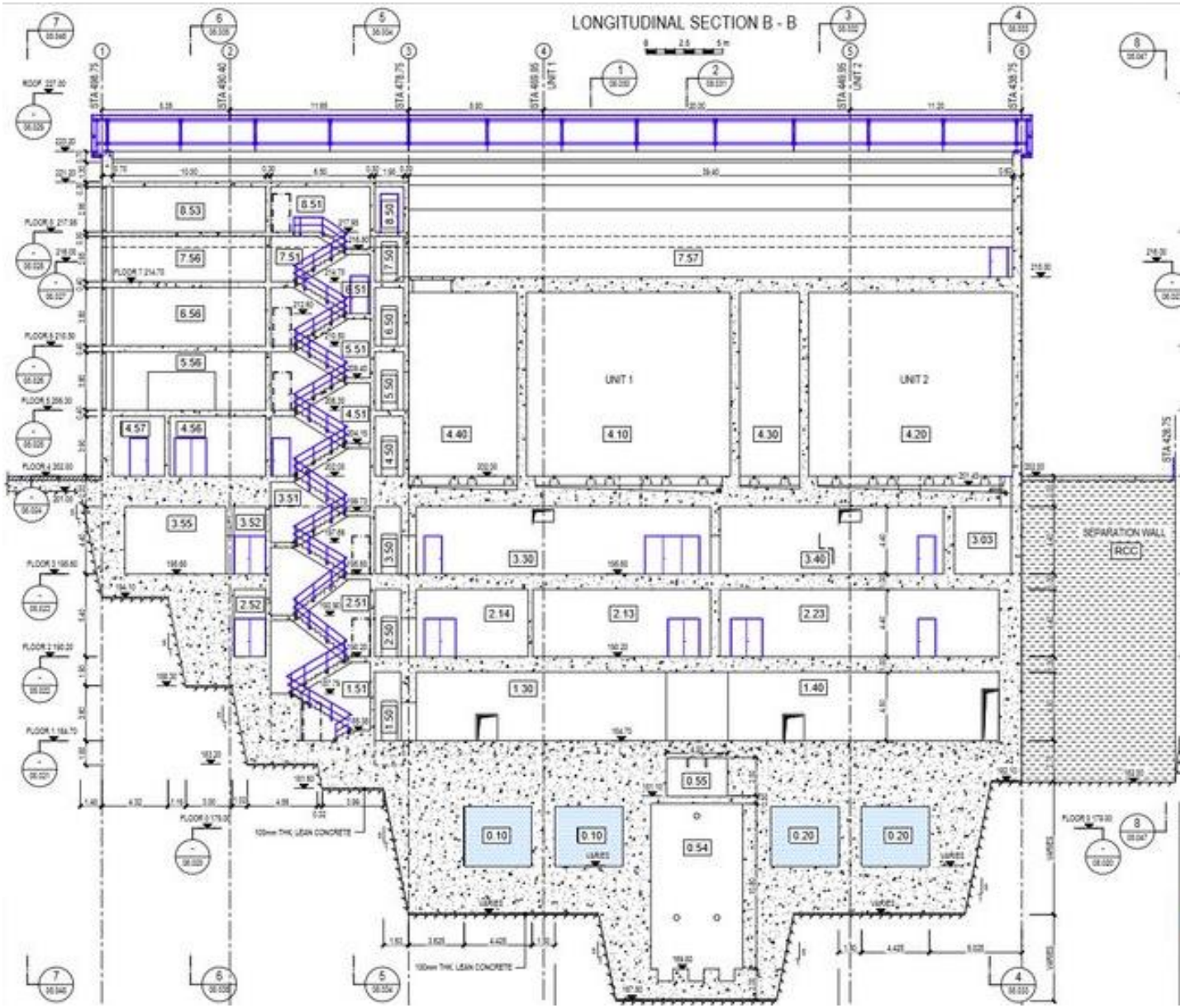
Project _ Middle Paung Laung Hydropower Project (152MW)

Structure _ Powerhouse Building

Location _ Nay Pyi Taw, Myanmar

Objective _ 3D Layout Design and Quantities Take-off for Basic Design by Revit

I can explain the models and demonstrate it on demand.



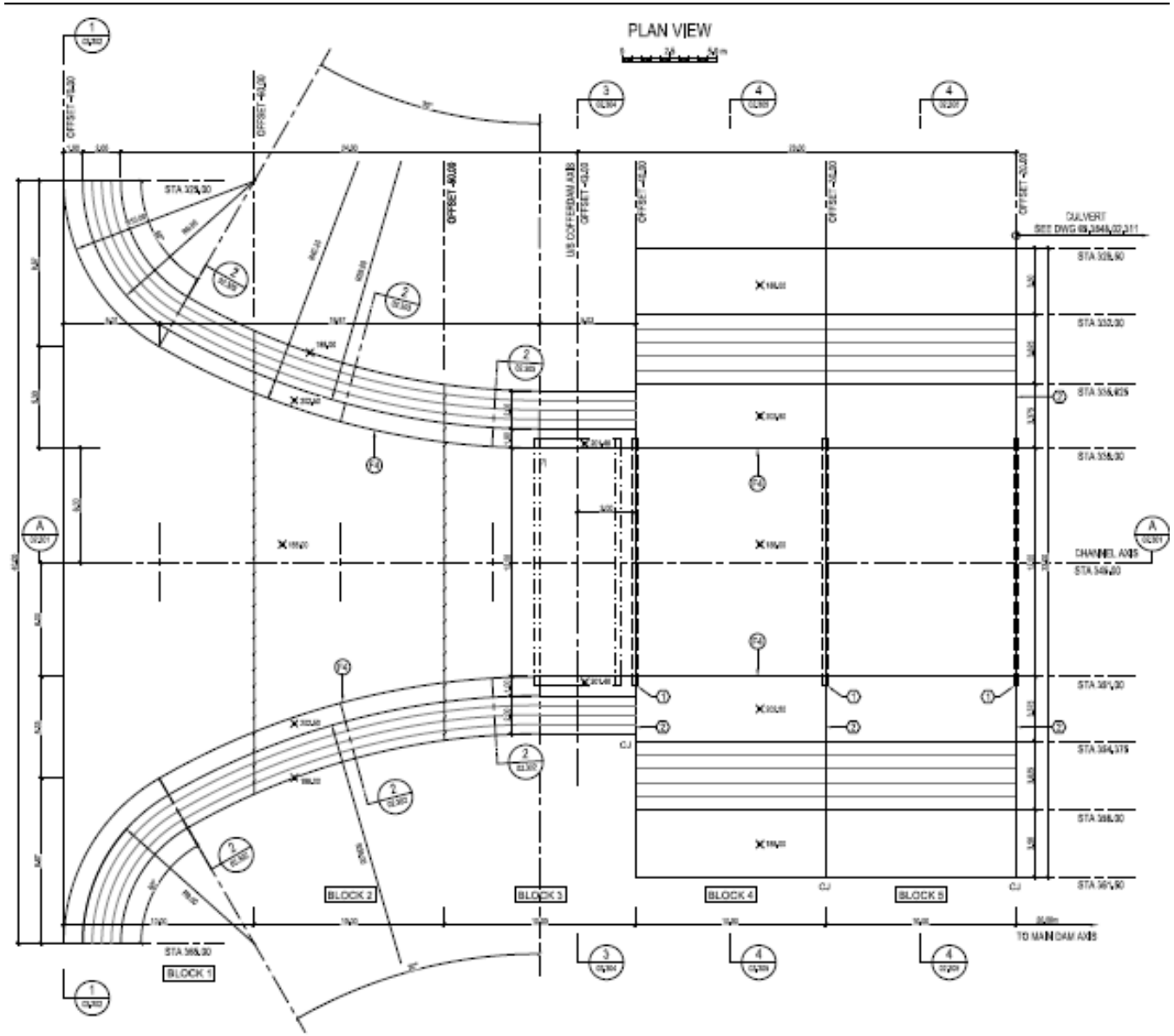
Project _ Middle Paung Laung Hydropower Project (152MW)

Structure _ Powerhouse Building

Location _ Nay Pyi Taw, Myanmar

Objective _ General Arrangement for Basic / Tender Design Drawings

I can explain the models and demonstrate it on demand.



Project _ Middle Paung Laung Hydropower Project (152MW)

Structure _ River Diversion Inlet Chanel

Location _ Nay Pyi Taw, Myanmar

Objective _ Construction Formwork

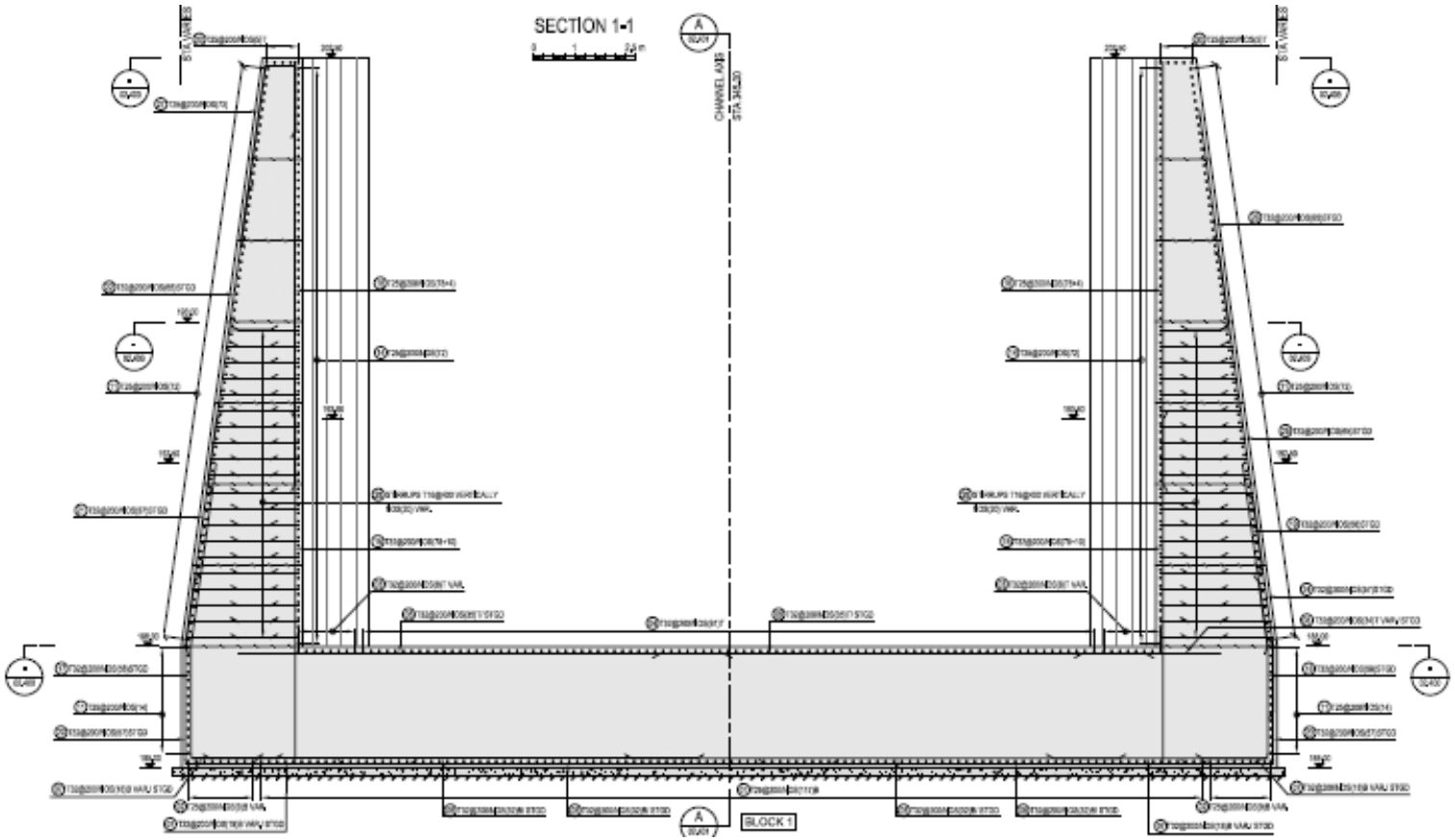
I can explain the models and demonstrate it on demand.

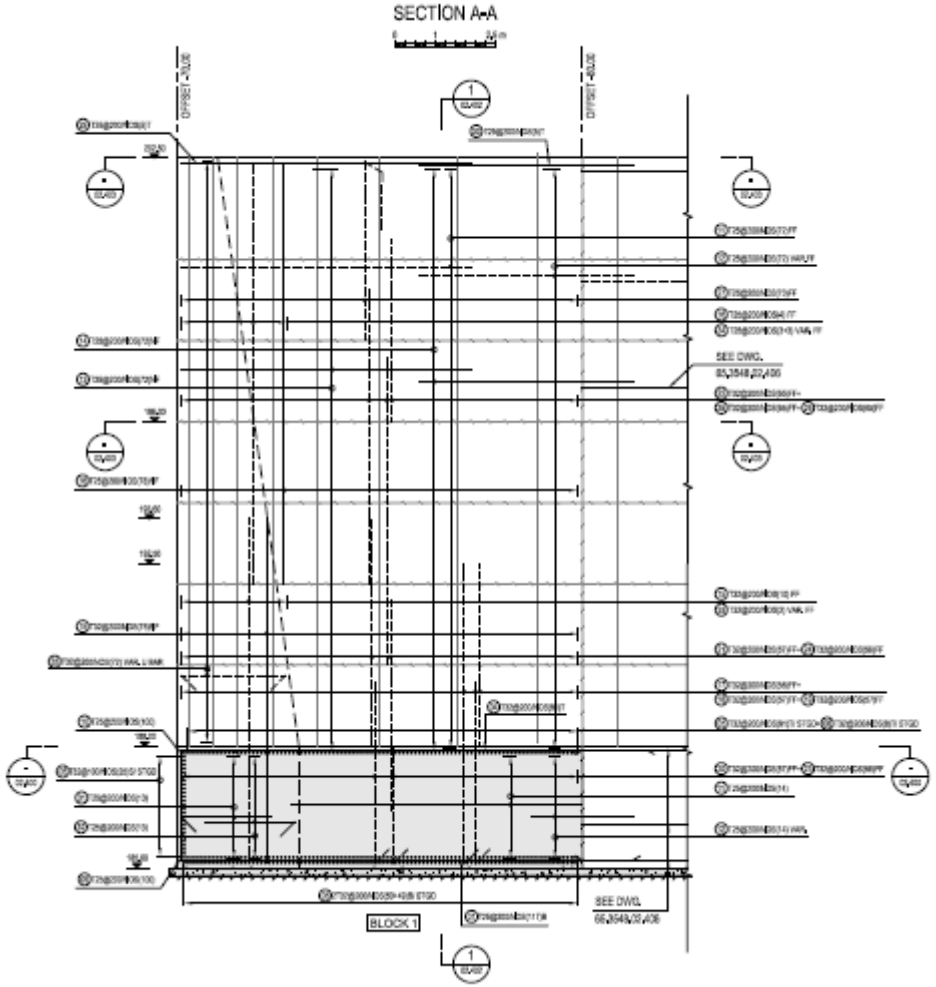
Project _ Middle Paung Laung Hydropower Project (152MW)

Structure _ River Diversion Inlet Chanel

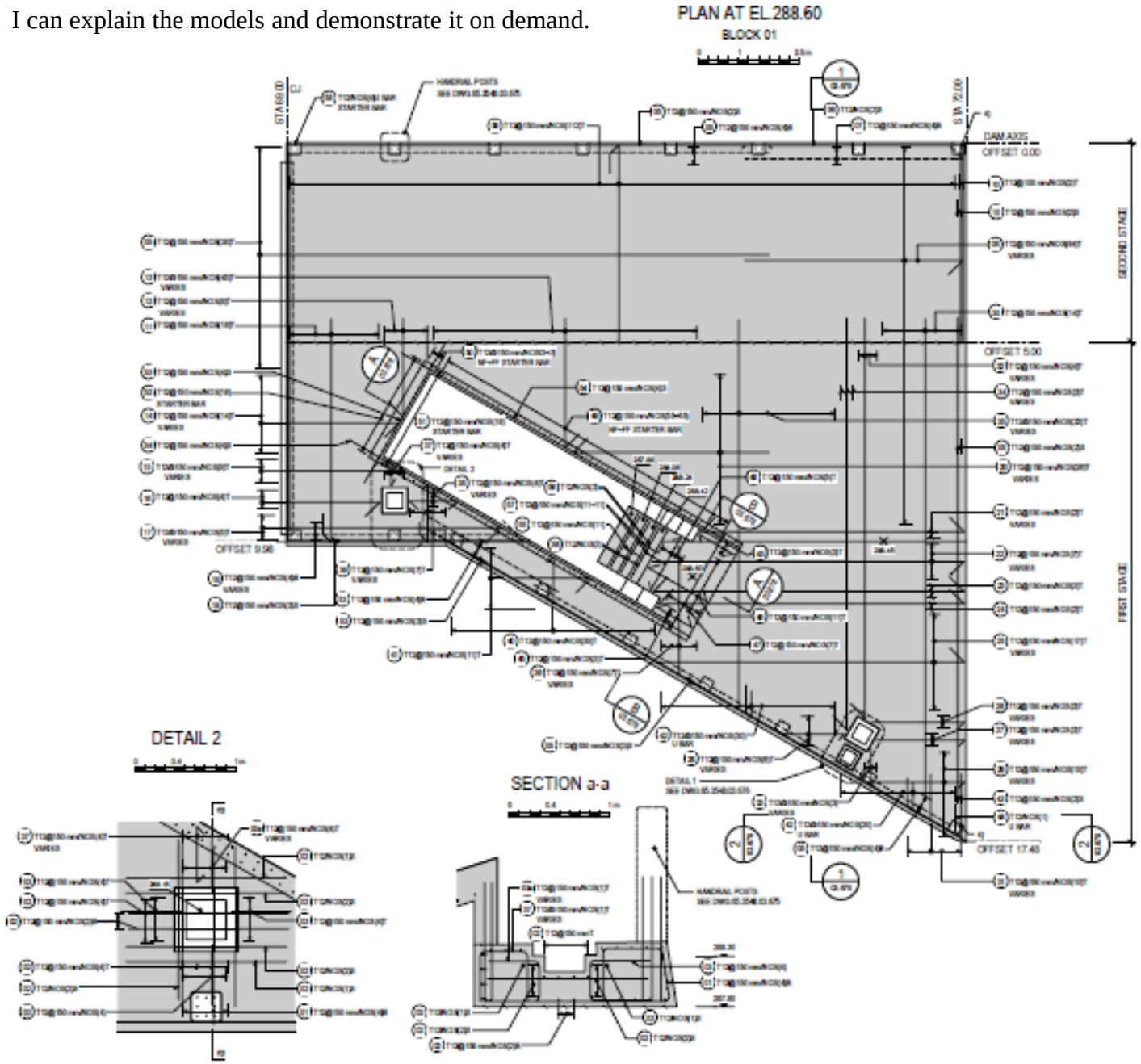
Location _ Nay Pyi Taw, Myanmar

Objective _ Construction Reinforcement



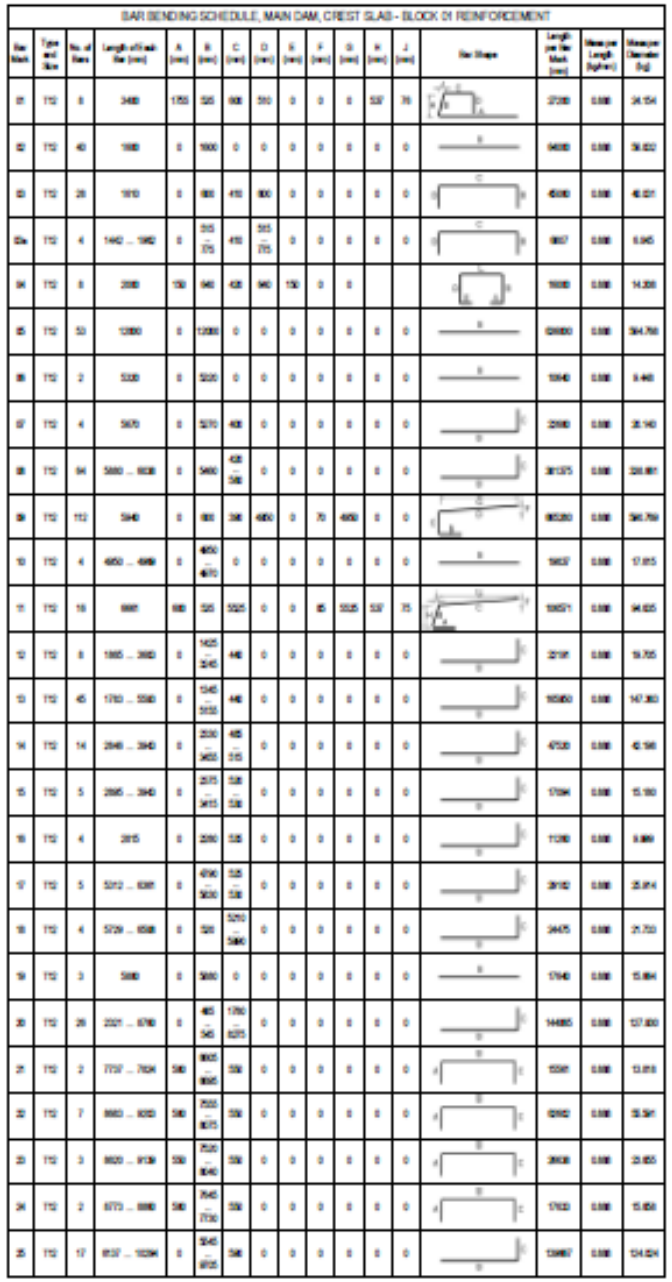


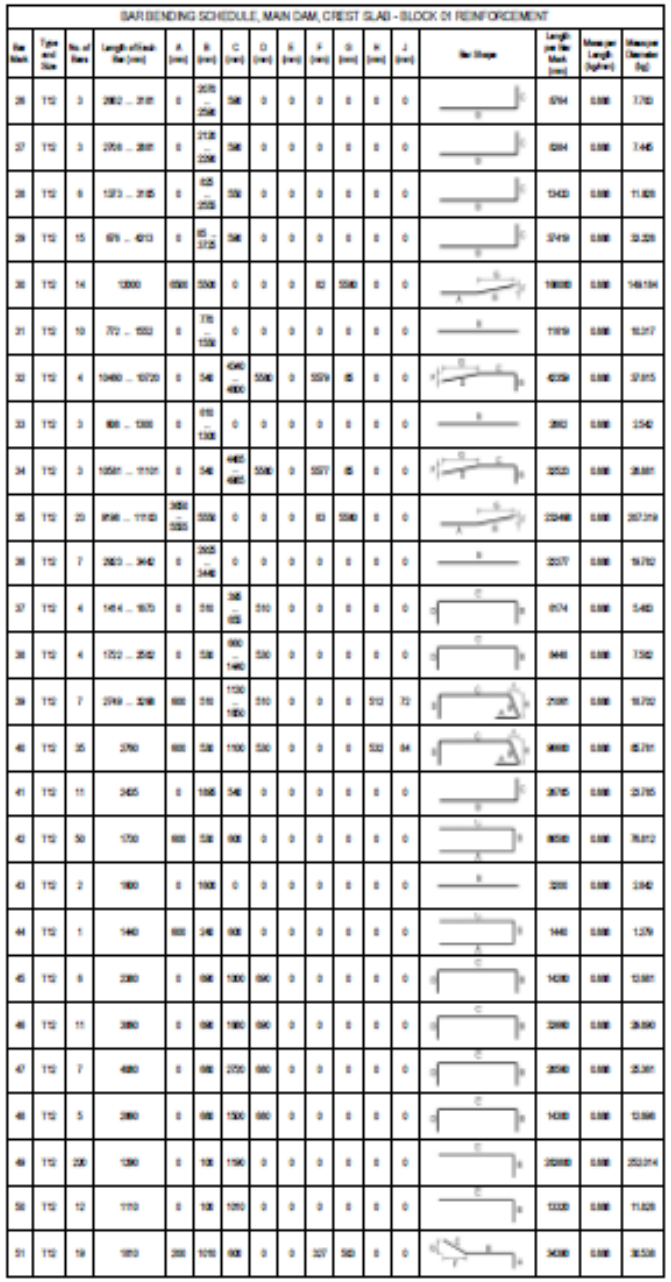
I can explain the models and demonstrate it on demand.



Project	_	Middle Paung Laung Hydropower Project (152MW)
Structure	_	Dam Crest Slab
Location	_	Nay Pyi Taw, Myanmar
Objective	_	Reinforcement for Construction Design by Revit

I can explain the models and demonstrate it on demand.


BAR BENDING SCHEDULE, MAIN DAM, CREST SLAB - BLOCK 01 REINFORCEMENT


BAR BENDING SCHEDULE, MAIN DAM, CREST SLAB - BLOCK 01 REINFORCEMENT

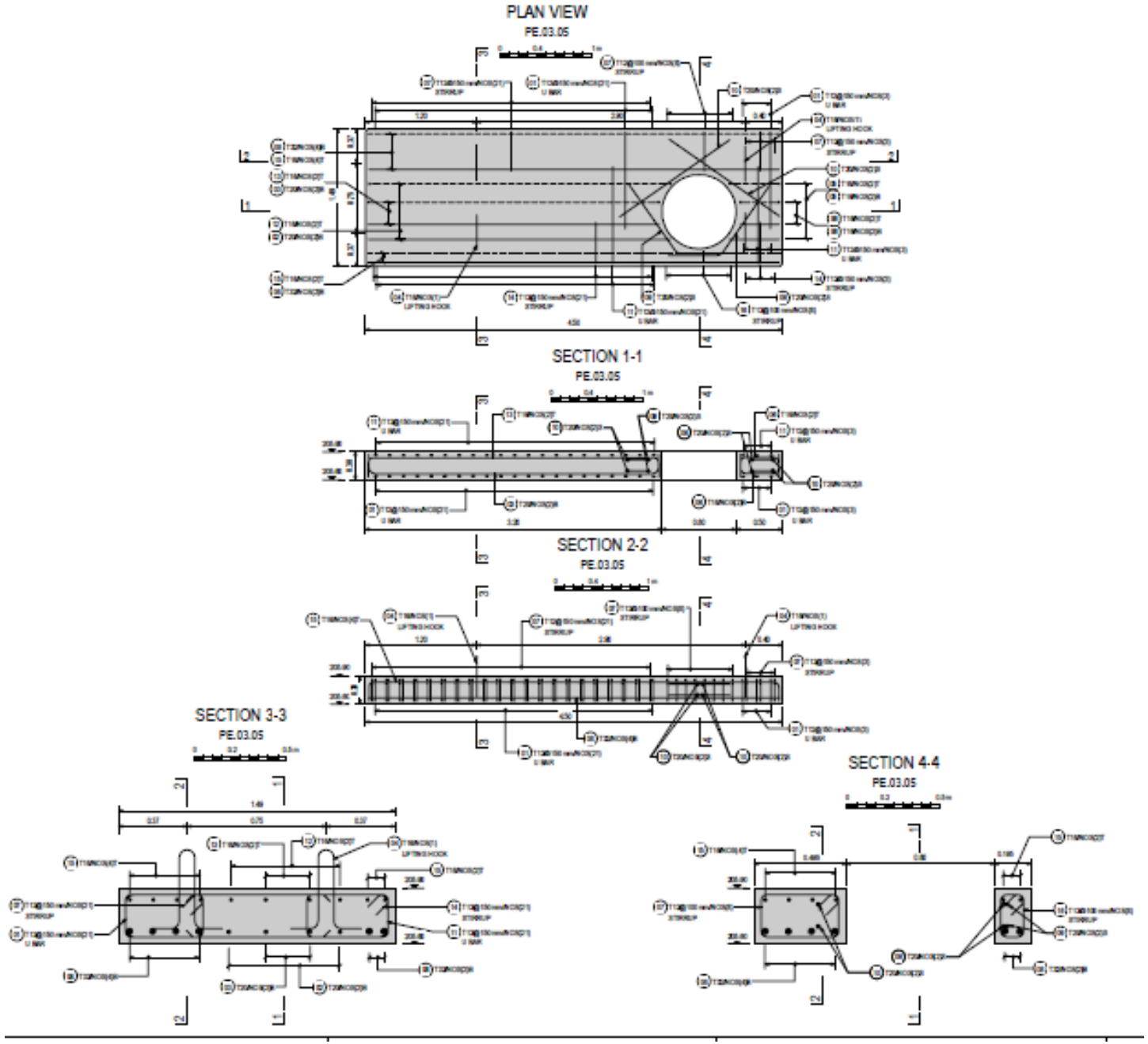
Project _ Middle Paung Laung Hydropower Project (152MW)

Structure _ Dam Crest Slab

Location _ Nay Pyi Taw, Myanmar

Objective _ Bar Bending Schedule for Construction Design by Revit

I can explain the models and demonstrate it on demand.



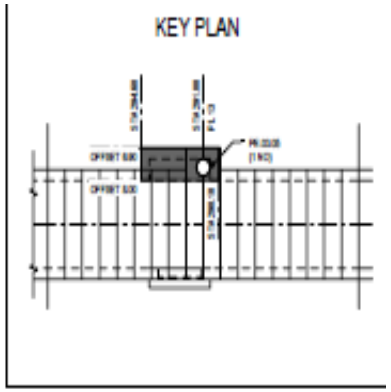
Project	_	Upper Yeywa Hydropower Project (280MW)
Structure	_	Precast Beam of Dam Gallery
Location	_	Shan State, Myanmar
Objective	_	Formwork & Reinforcement for Construction Design by Revit

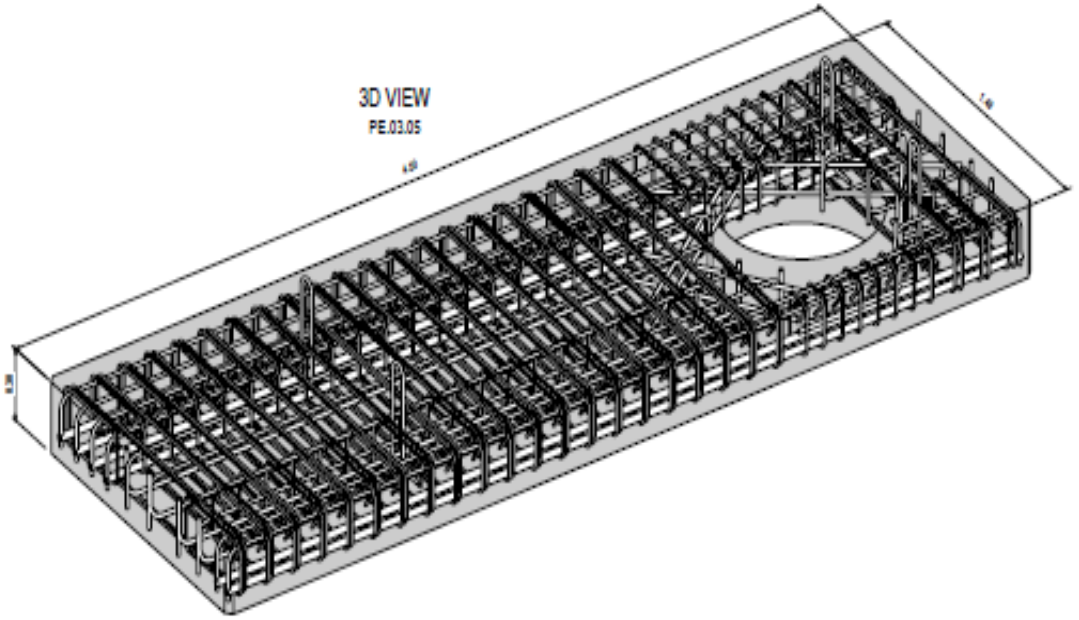
I can explain the models and demonstrate it on demand.

BAR BENDING SCHEDULE, MAIN DAM, PRECAST ELEMENT AT EL.205.60, TYPE PE.03.05

Bar Mark	Type and Size	No. of Bars	Length of Each Bar (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	G (mm)	Bar Shape	Length per Bar Mark (mm)	Mass per Length (kg/m)	Mass per Diameter (kg)
01	T12	24	2340	0	1350	240	1350	0	0		56160	0.888	49.870
02	T20	2	3700	0	215	3270	215	0	0		7400	2.467	18.256
03	T20	2	3580	0	215	3150	215	0	0		7160	2.467	17.664
04	T16	4	1280	155	440	100	440	0	150		5120	1.579	8.148
05	T16	4	900	0	215	550	215	0	0		3600	1.579	5.690
06	T16	4	880	0	215	430	215	0	0		3440	1.579	5.402
07	T12	32	1570	115	600	240	600	240	115		50240	0.888	44.613
08	T32	6	4440	0	4440	0	0	0	0		26640	6.316	168.258
09	T20	4	1480	0	920	570	0	0	0		5920	2.467	14.703
10	T20	4	1450	0	1450	0	0	0	0		5800	2.467	14.309
11	T12	24	2340	0	1350	240	1350	0	0		56160	0.888	49.870
12	T16	2	3700	0	215	3270	215	0	0		7400	1.579	11.685
13	T16	2	3580	0	215	3150	215	0	0		7160	1.579	11.306
14	T12	24	1510	115	600	240	600	240	115		36240	0.888	34.212
15	T16	6	4670	0	215	4440	215	0	0		28020	1.579	48.138
16	T12	8	980	115	135	240	135	240	115		7840	0.888	6.962
SUM TOTAL MASS (kg) FOR T32 MARK													168.258
SUM TOTAL MASS (kg) FOR T20 MARK													94.921
SUM TOTAL MASS (kg) FOR T16 MARK													85.988
SUM TOTAL MASS (kg) FOR T12 MARK													185.426
TOTAL MASS (kg) FOR 1 ELEMENT													561.719

N.B. SEGMENT LENGTH IN BAR SHAPE ARE NEAREST TO 5mm AND THE LENGTH OF EACH BAR IS CALCULATED AS THE SUM OF ALL SEGMENTS.





Project _ Upper Yeywa Hydropower Project (280MW)

Structure _ Precast Beam of Dam Gallery

Location _ Shan State, Myanmar

Objective _ 3D View & Bar Bending Schedule for Construction Design by Revit

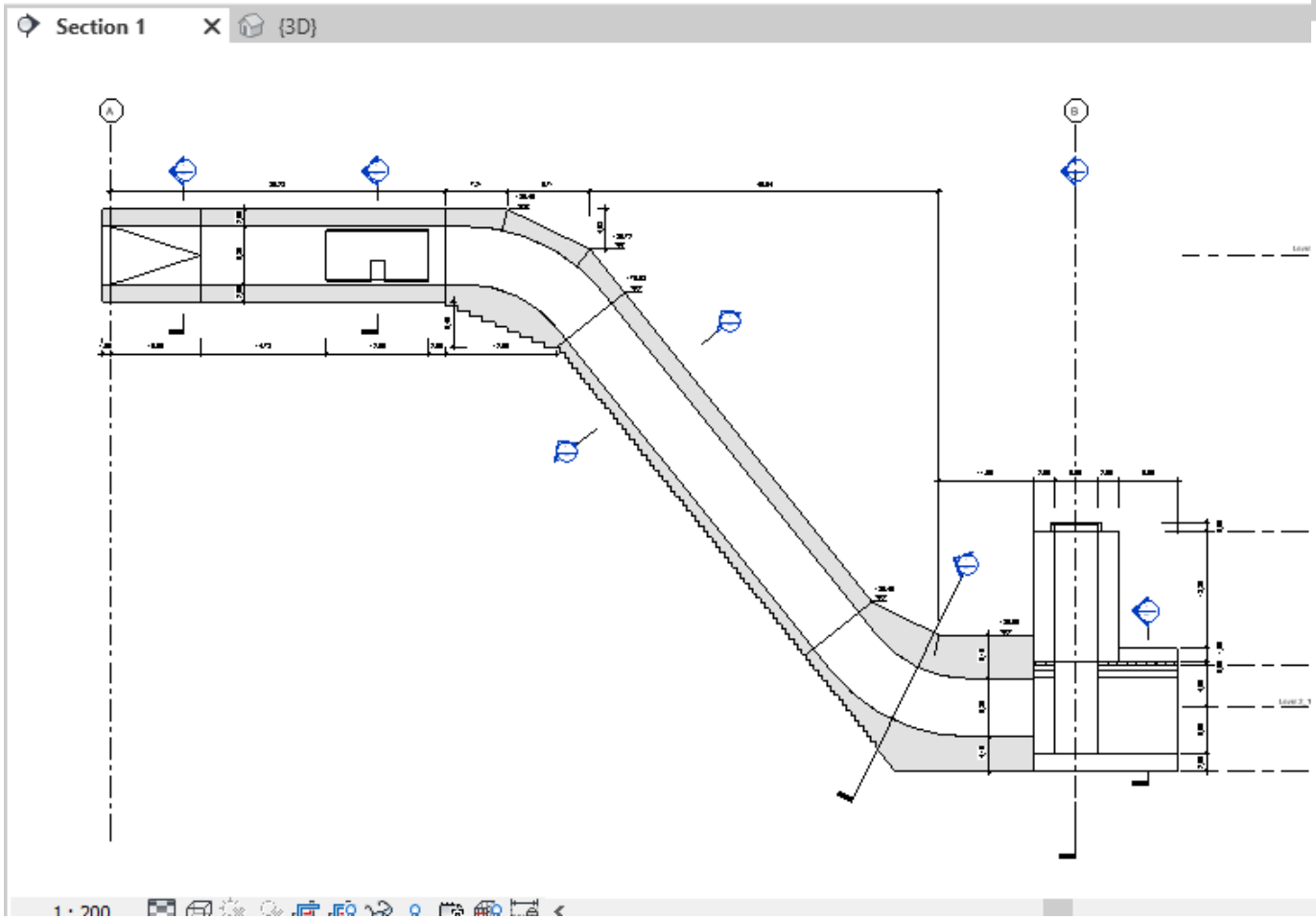
I can explain the models and demonstrate it on demand.

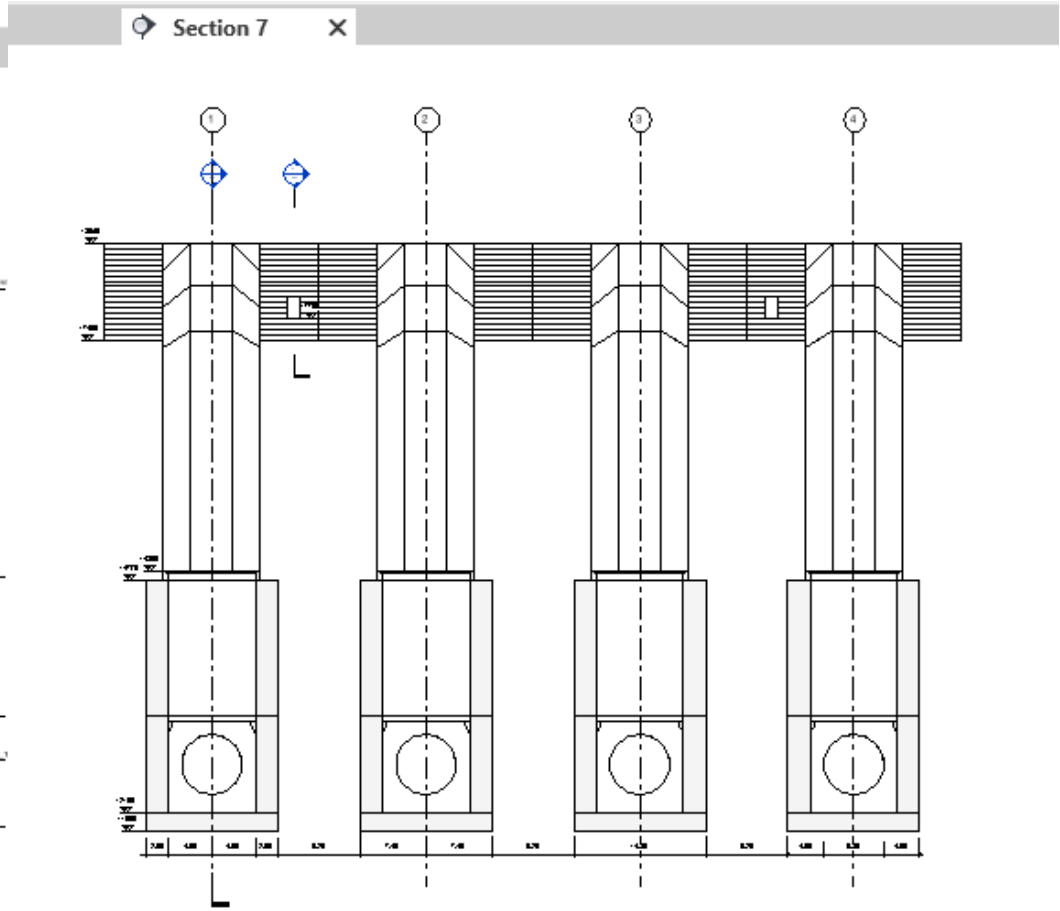
Project _ Shweli 3 Hydropower Project (760MW)

Structure _ Penstocks

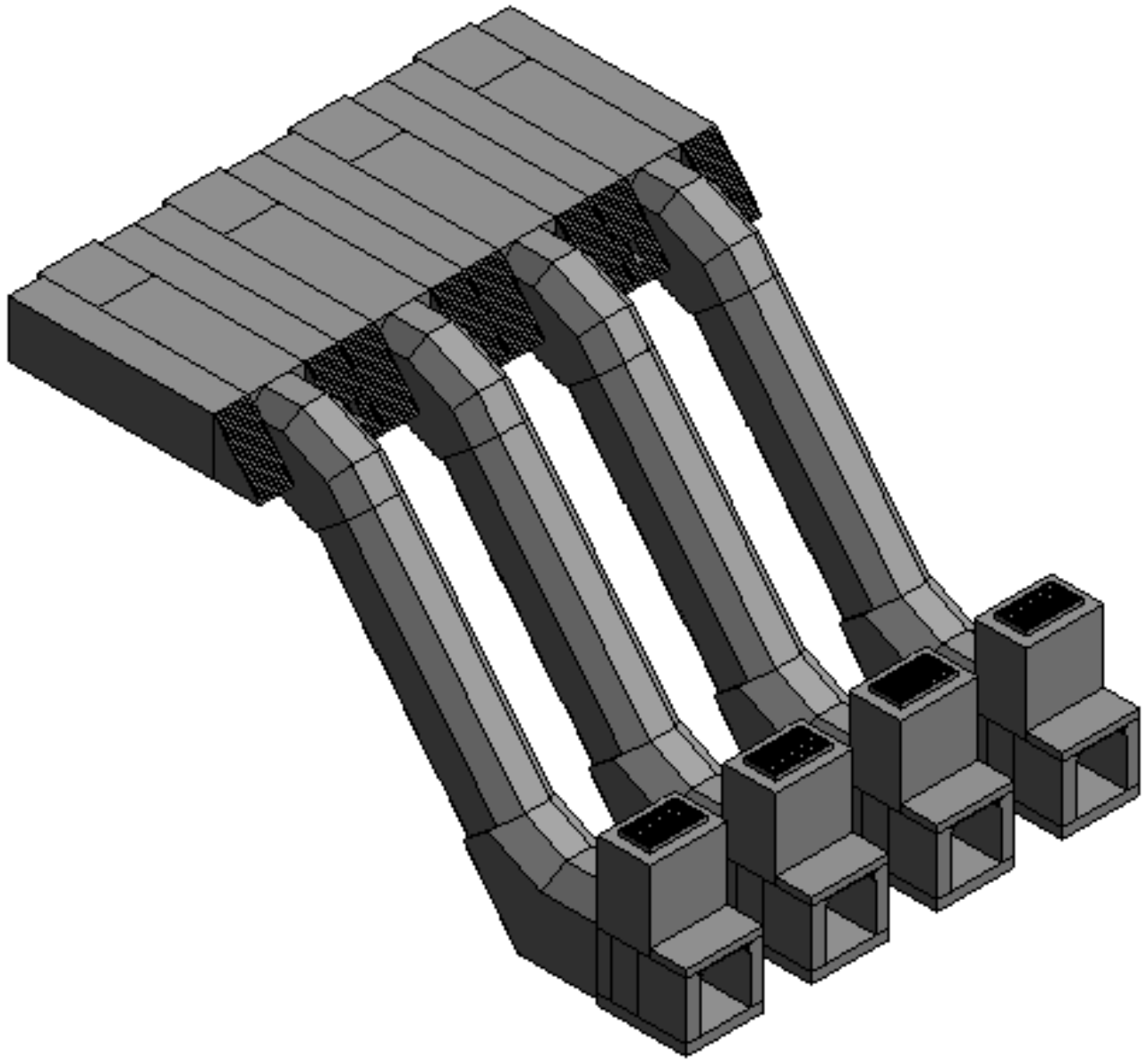
Location _ Mandalay Division, Myanmar

Objective _ Basic/ Tender Design Visualization by Revit





I can explain the models and demonstrate it on demand.



Project _ Shweli 3 Hydropower Project (760MW)

Structure _ Penstocks

Location _ Mandalay Division, Myanmar

Objective _ Basic/ Tender Design Visualization by Revit

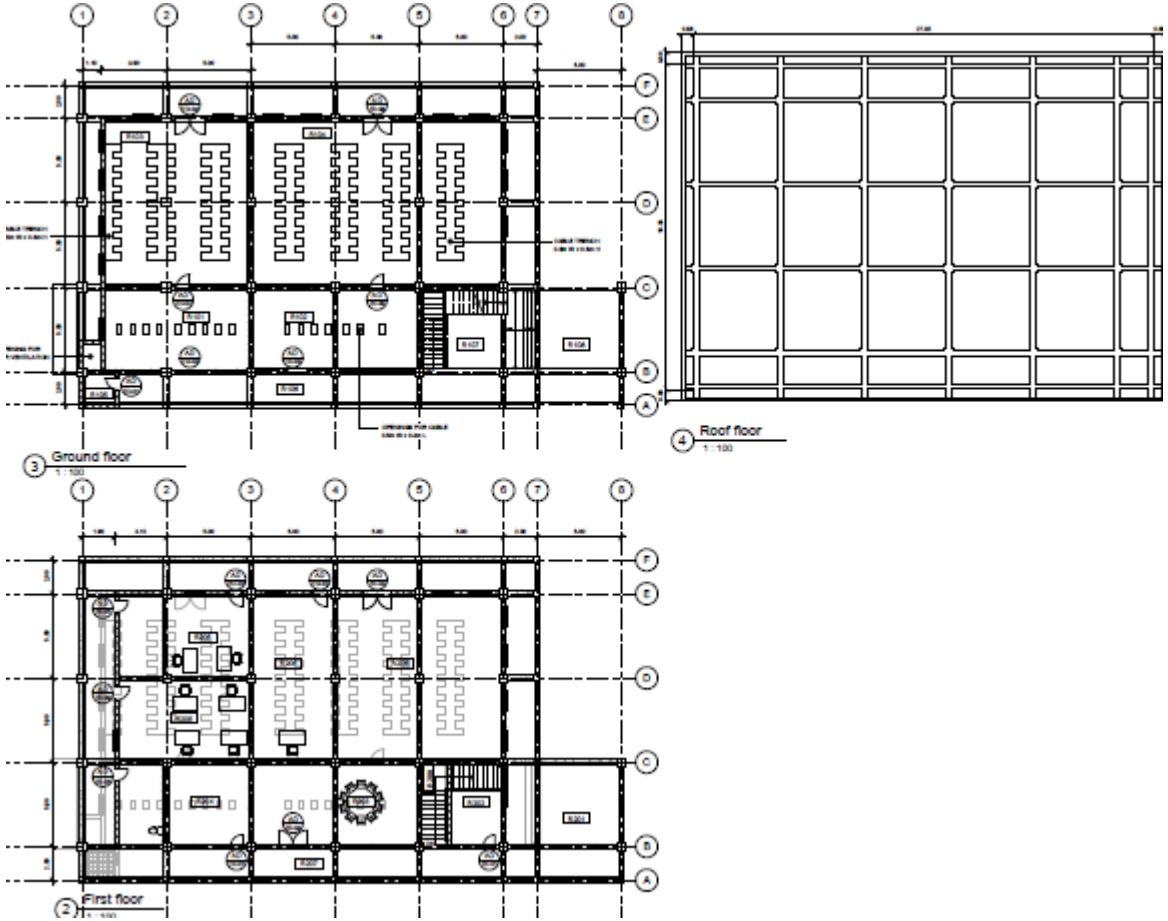
I can explain the models and demonstrate it on demand.

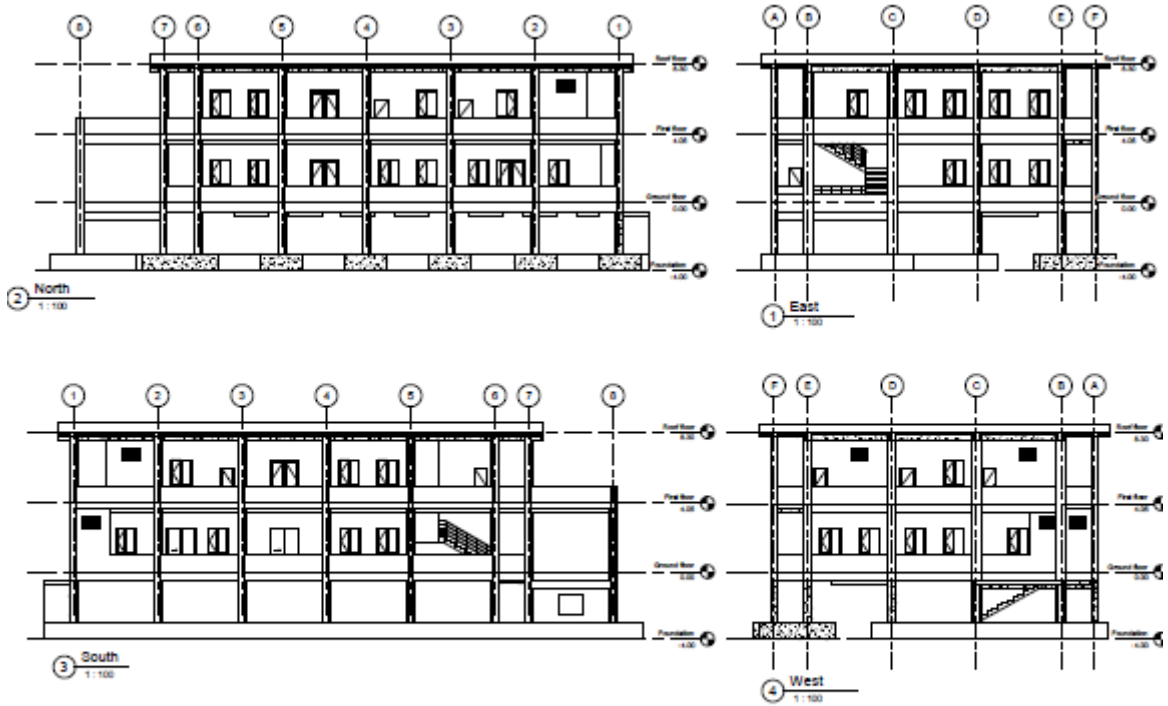
Project _ Shweli 3 Hydropower Project (760MW)

Structure _ Service Building

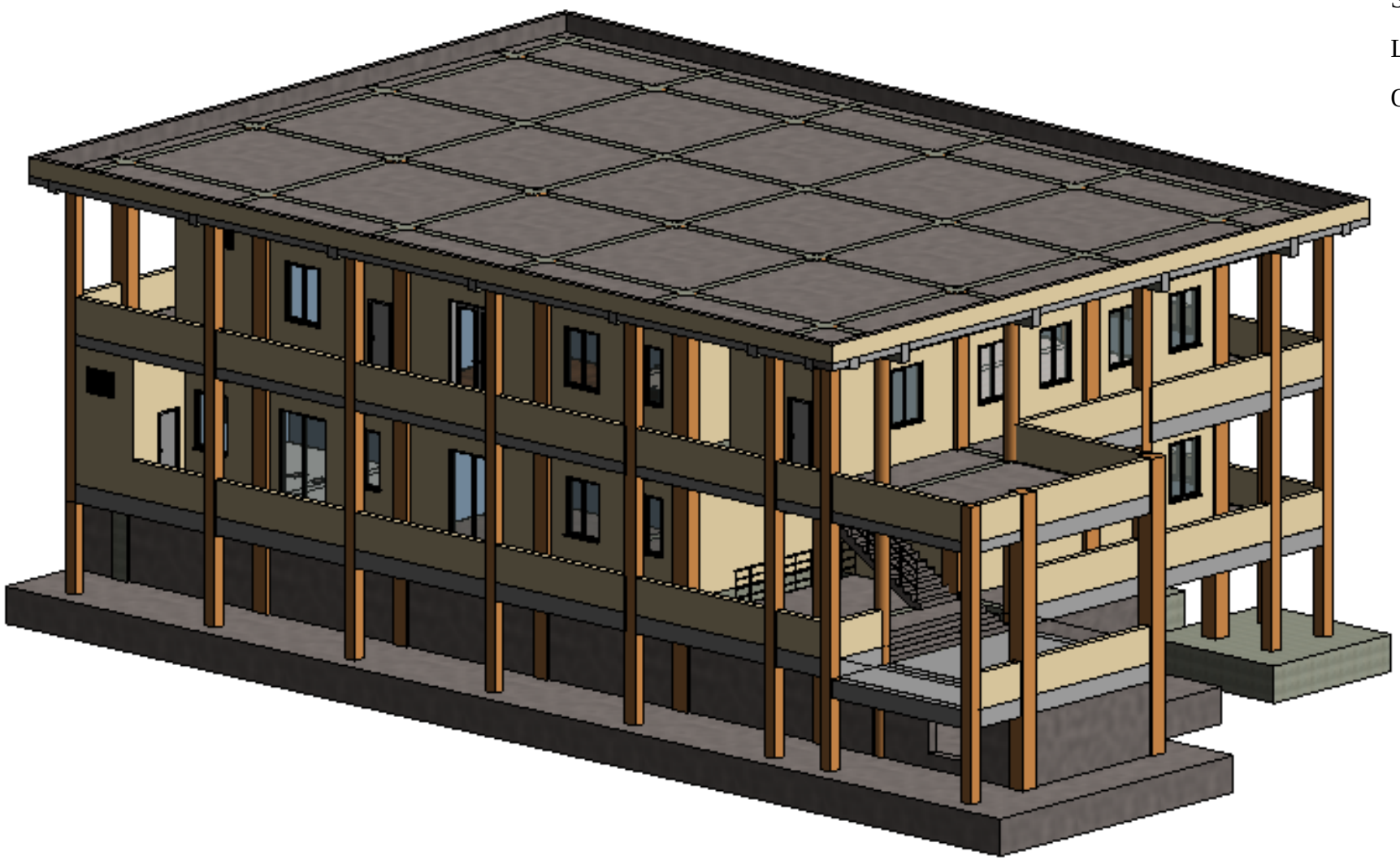
Location _ Mandalay Division, Myanmar

Objective _ Basic/ Tender Design Layouts





I can explain the models and demonstrate it on demand.



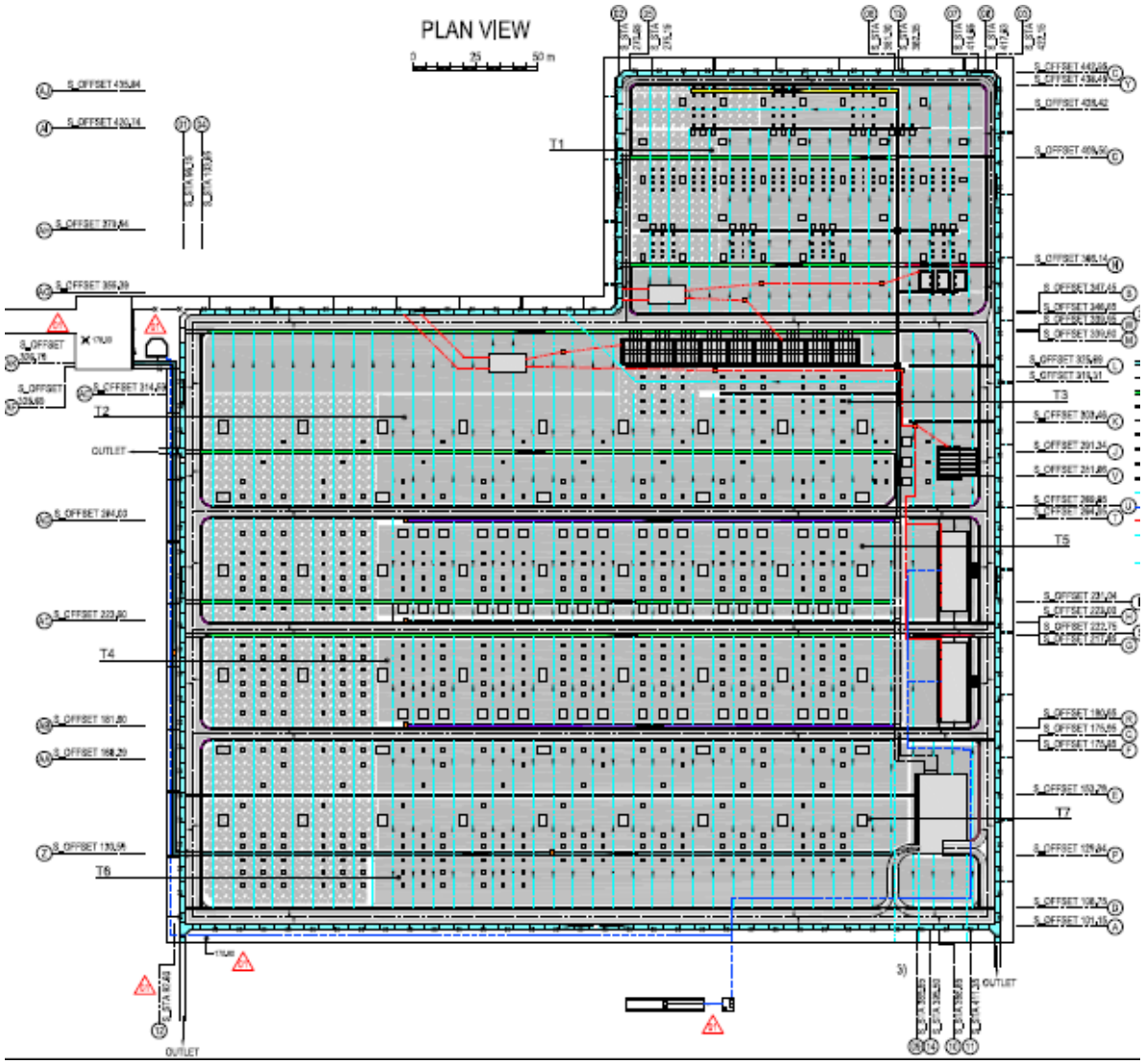
Project _ Shweli 3 Hydropower Project (760MW)

Structure _ Service Building

Location _ Mandalay Division, Myanmar

Objective _ Basic/ Tender Design Visualization by Revit

I can explain the models and demonstrate it on demand.



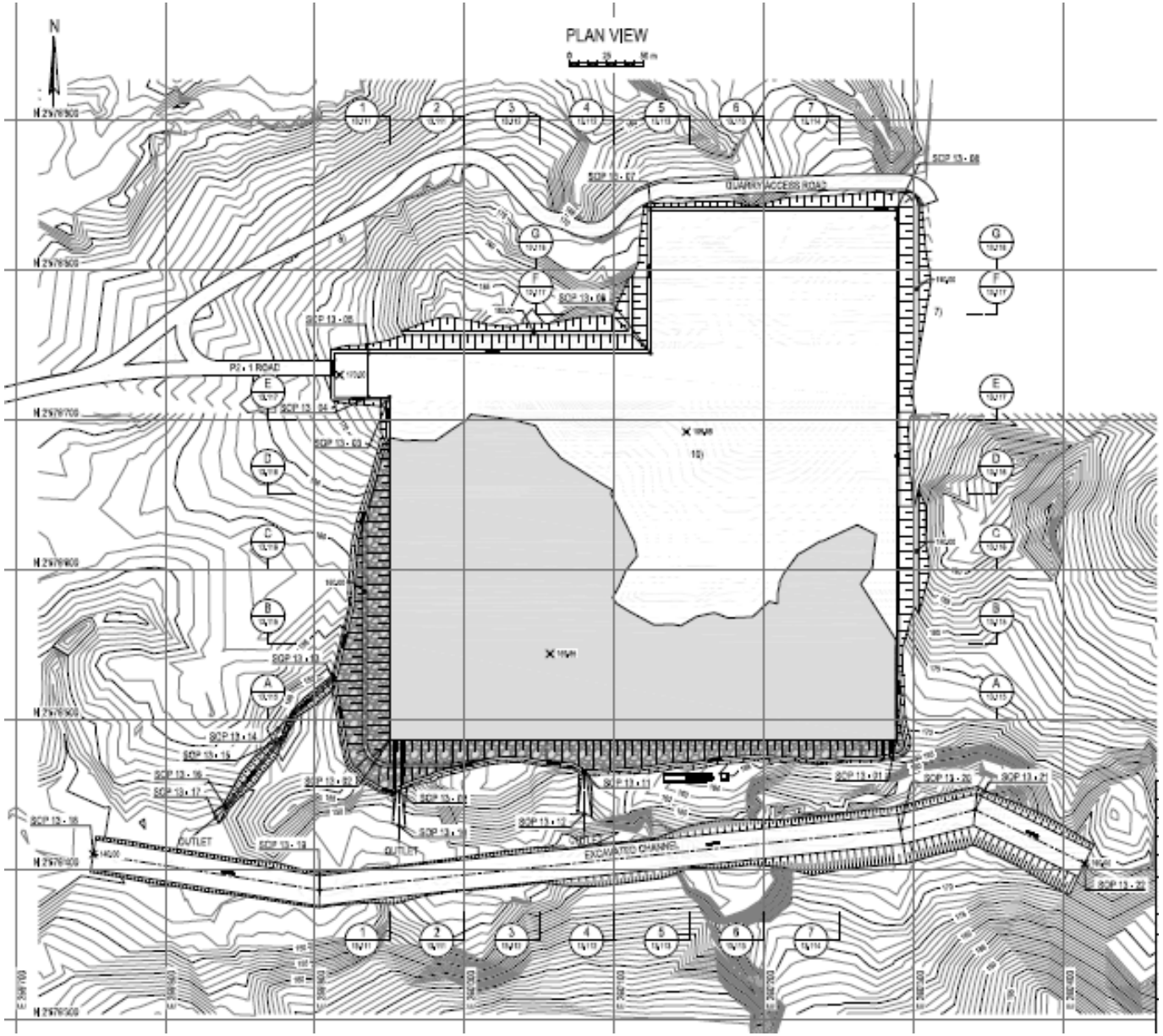
Project _ Shweli 3 Hydropower Project (760MW)

Structure _ Substation Overall

Location _ Mandalay Division, Myanmar

Objective _ Basic/ Tender Design Layouts

I can explain the models and demonstrate it on demand.



Project _ Shweli 3 Hydropower Project (760MW)

Structure _ Substation Excavation

Location _ Mandalay Division, Myanmar

Objective _ Detail Design

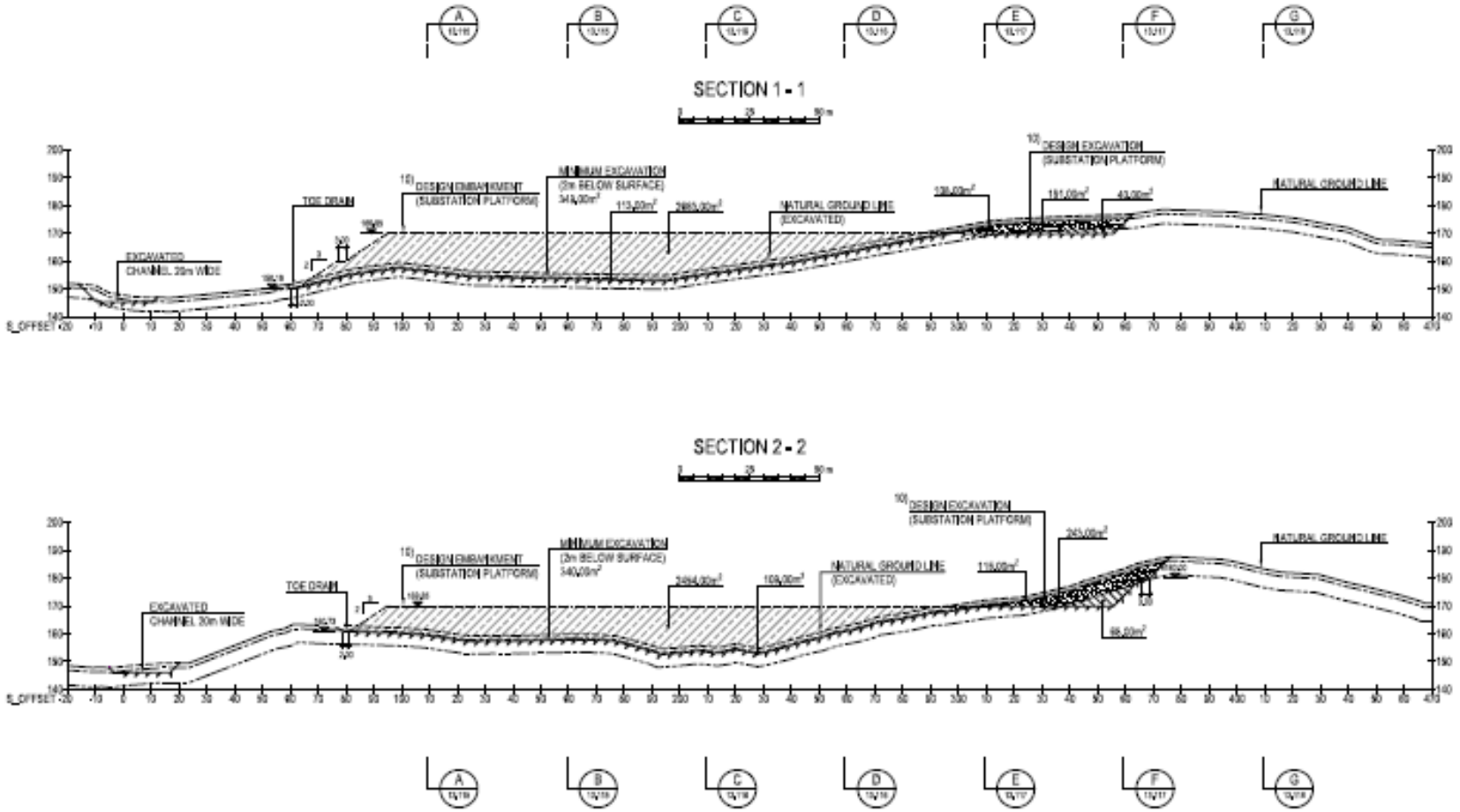
I can explain the models and demonstrate it on demand.

Project _ Shweli 3 Hydropower Project (760MW)

Structure _ Substation Excavation

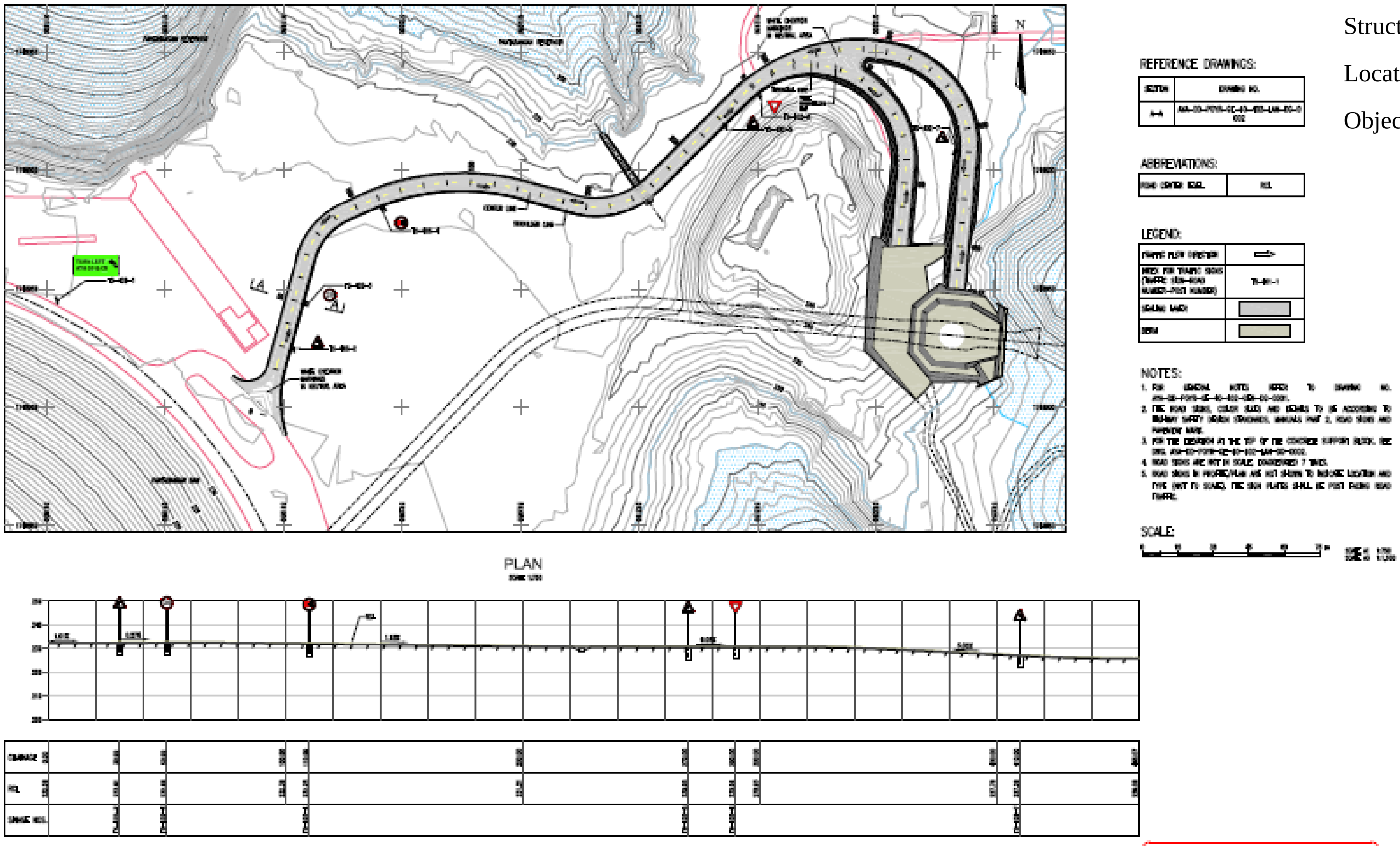
Location _ Mandalay Division, Myanmar

Objective _ Detail Design



I can explain the models and demonstrate it on demand.

Project	_	Aya Pumped Storage Project (100MW)
Structure	_	Access Road
Location	_	Philippines
Objective	_	Detail Design / International Collaboration



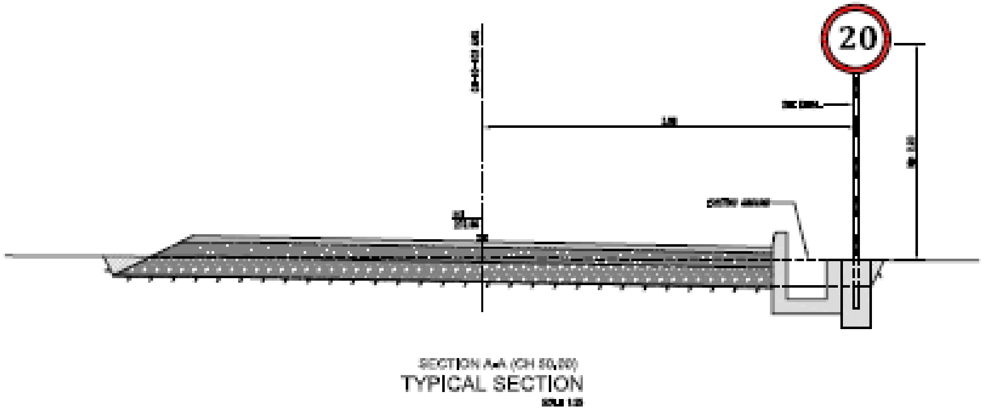
I can explain the models and demonstrate it on demand.

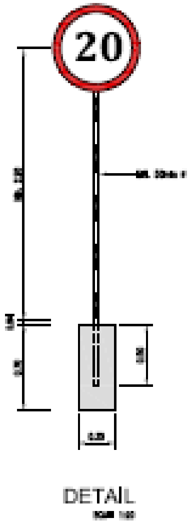
Project _ Aya Pumped Storage Project (100MW)

Structure _ Access Road

Location _ Philippines

Objective _ Detail Design / International Collaboration





					LEFT SIDE			RIGHT SIDE		
SIGNAGE NOS.	TYPE OF TABLE	TRAFFIC SIGNS	QUANTITY	STATION	EASTING	NORTHING	ELEVATION	EASTING	NORTHING	ELEVATION
TS-400-1	TO AYA GATE SHAFT & CONTROL BUILDING	TURN LEFT	1	-100.00	[illegible]	[illegible]	SEE NOTE 3	-	-	-
TS-400-2	RIGHT BEND		1	30.00	-	-	-	[illegible]	[illegible]	232.49
TS-400-3	SPEED LIMIT 20km/hr	20	1	50.00	-	-	-	[illegible]	[illegible]	233.17
TS-400-4	NO OVERTAKING		1	110.00	-	-	-	[illegible]	[illegible]	231.76
TS-400-5	RIGHT BEND		1	270.00	-	-	-	[illegible]	[illegible]	230.69
TS-400-6	ONE WAY		1	390.00	-	-	-	[illegible]	[illegible]	230.67
TS-400-7	LEFT BEND		1	410.00	-	-	-	[illegible]	[illegible]	227.33

ABBREVIATIONS:

ROAD CENTER LEVEL	RCL

LEGEND:

NOTES:

SCALE: