

Shillong Smart City Limited
Shillong, Meghalaya

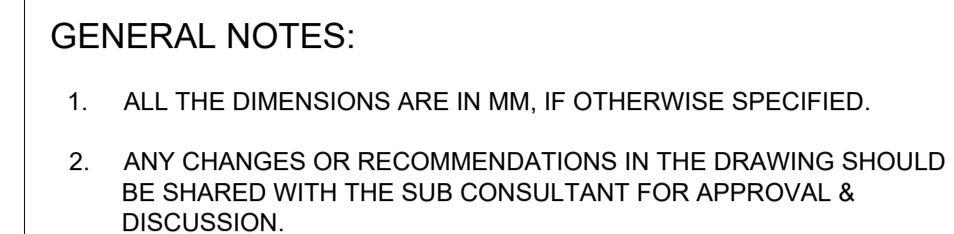
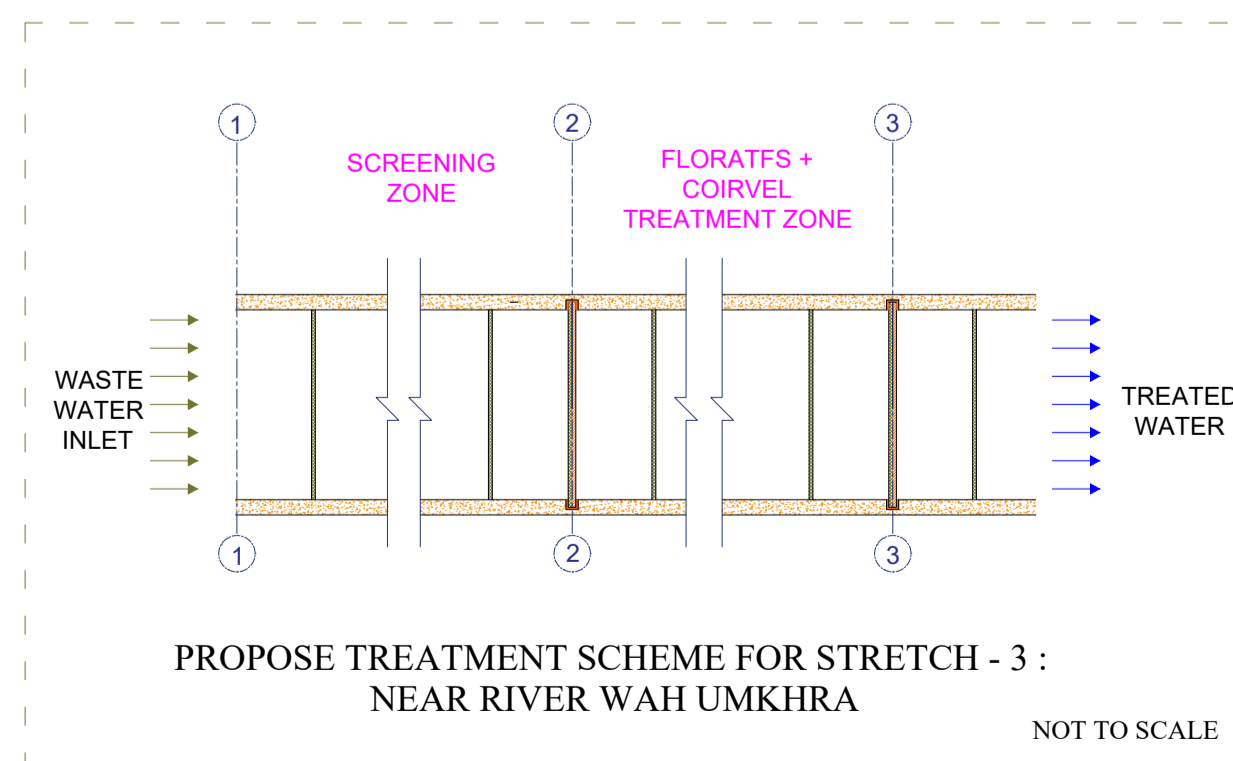
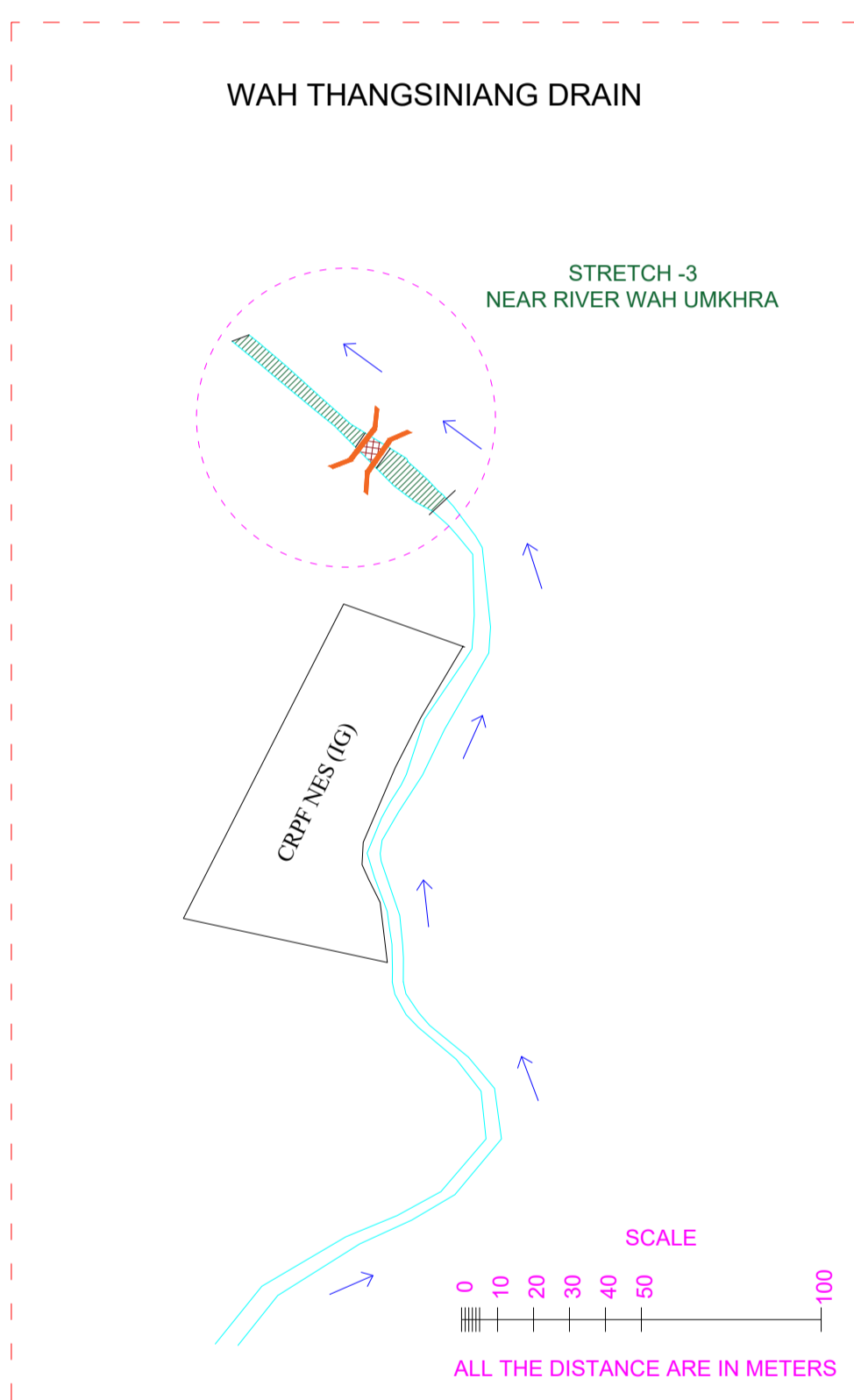
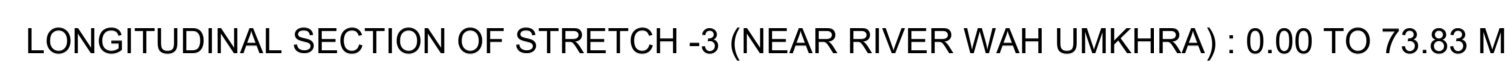
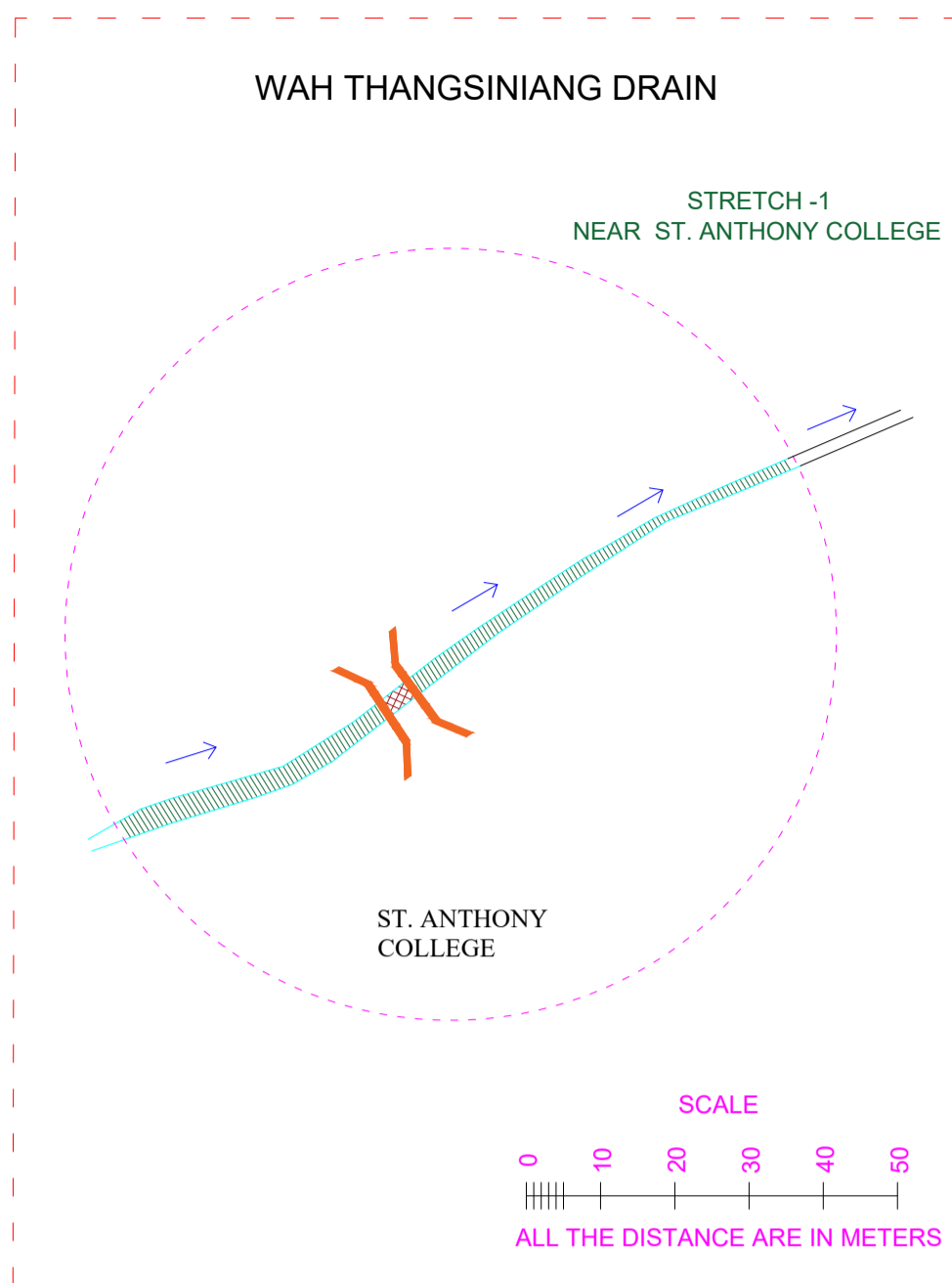
Bidding Document
for
Waste Water Treatment through In-situ
Nallah Treatment Technology at various
locations in Shillong, East Khasi Hills District,
Meghalaya under Smart Cities Mission

Section 6 - Drawings











Tender No.: SSCL/Tender/2021-22/MEG-SHI-013

Office of the Shillong Smart City Limited

House No. C/B-037, Top Floor,
Centre Nongrim Hills, Near JJ Cables, Shillong,
East Khasi Hills District, Meghalaya – 793003



LEGEND

CONCRETE	
FRP SHEET	
MILD STEEL	
WATER LEVEL	
BOTTOM LEVEL OF DRAIN	
NATURAL BOUNDARY OF DRAIN	
LINED BOUNDARY OF DRAIN	
COVERED PORTION OF DRAIN	
PORPOSED RENEU STRETCH	
BRIDGE	

CLIENT / OWNER **SHILLONG SMART CITY LIMITED**

SUBMITTED BY/
ARCHITECT ON RECORD

IPE GLOBAL LIMITED
B-84, Defence Colony, New Delhi -110024

SUB CONSULTANT

EMERGY ENVIRO PRIVATE LIMITED
SINE IIT BOMBAY COMPANY

CM02, 3rd Floor, CSRE Building, IIT Bombay, Powai, Mumbai - 400076



PROJECT NAME:
UMKHRAH RIVER CLEANING

0	07/04/21	LONGITUDINAL SECTION DRAWING	IKJ
REV	DATE	DESCRIPTION	APPROVED

REVISION INDEX

DRAWING TITLE
LONGITUDINAL SECTION OF RENEU TREATMENT ON WAH THANGSINIANG DRAIN (PART- I)

FOR APPROVAL OF COMPETENT AUTHORITY	DATE 07/04/2021		DRAWN MD
	SCALE NTS	SHEET SIZE A1	CHECKED RH
			APPROVED JK

DRAWING NO. IPE/SSCL/	REVISION NO. 0
--------------------------	----------------



- GENERAL NOTES:
- ALL THE DIMENSIONS ARE IN MM, IF OTHERWISE SPECIFIED.
 - ANY CHANGES OR RECOMMENDATIONS IN THE DRAWING SHOULD BE SHARED WITH THE SUB CONSULTANT FOR APPROVAL & DISCUSSION.

LEGEND

CONCRETE	
FRP SHEET	
MILD STEEL	
WATER LEVEL	
BOTTOM LEVEL OF DRAIN	
NATURAL BOUNDARY OF DRAIN	
LINED BOUNDARY OF DRAIN	
COVERED PORTION OF DRAIN	
PORPOSED RENEU STRETCH	
BRIDGE	

CLIENT / OWNER **SHILLONG SMART CITY LIMITED**

SUBMITTED BY/ **IPE GLOBAL LIMITED**
ARCHITECT ON RECORD **B-84, Defence Colony, New Delhi -110024**

SUB CONSULTANT
EMERGY ENVIRO PRIVATE LIMITED
SINE IIT BOMBAY COMPANY
CM02, 3rd Floor, CSRE Building, IIT Bombay, Powai, Mumbai - 400076



PROJECT NAME:
UMKHRAH RIVER CLEANING

0	07/04/21	LONGITUDINAL SECTION DRAWING	IKJ
REV	DATE	DESCRIPTION	APPROVED

REVISION INDEX

DRAWING TITLE

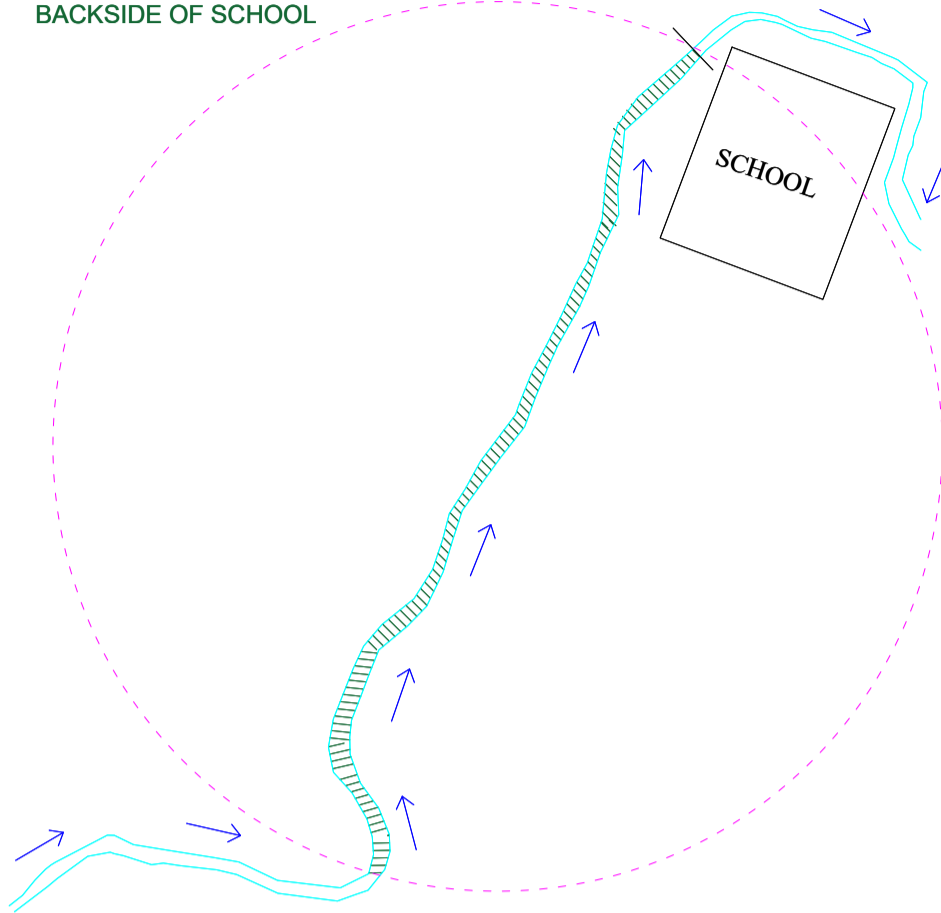
LONGITUDINAL SECTION OF RENEU TREATMENT FOR WAH THANGSINIANG DRAIN (PART- II)

FOR APPROVAL OF COMPETENT AUTHORITY	DATE 10/05/2021		DRAWN MD
	SCALE NTS		CHECKED RH
	SHEET SIZE A1		APPROVED IKJ

DRAWING NO.
IPE/SSCL/
REVISION NO. 0

WAH THANGSINIANG DRAIN

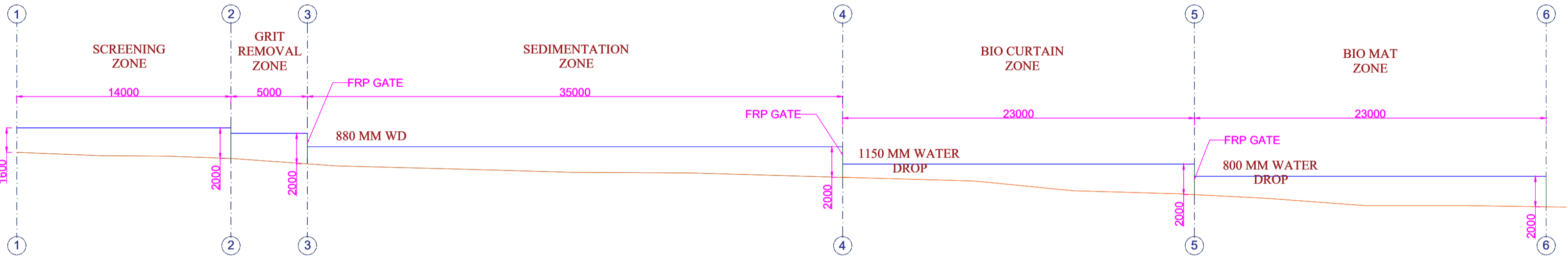
STRETCH -2
BACKSIDE OF SCHOOL



SCALE
0 10 20 30 40 50
ALL THE DISTANCE ARE IN METERS



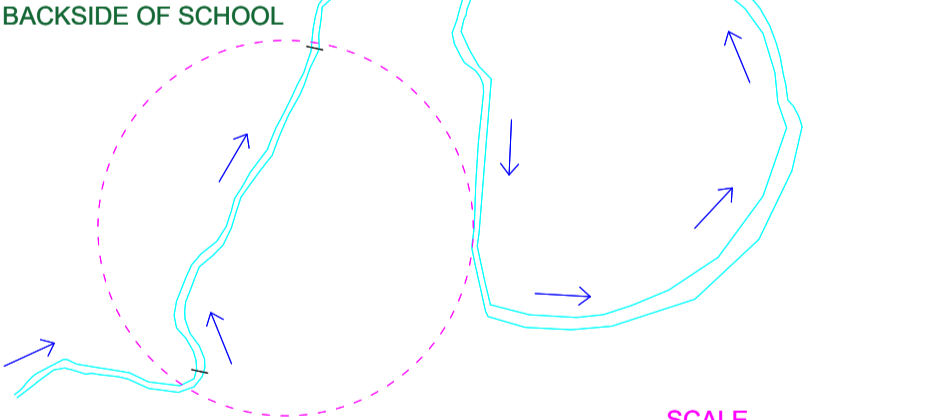
LONGITUDINAL SECTION OF STRETCH -2 (BACKSIDE OF SCHOOL) : 0.00 TO 100.89 M



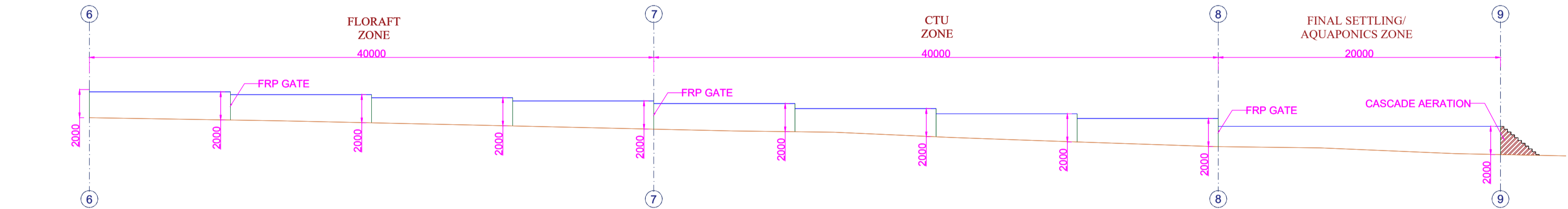
LONGITUDINAL SECTION & PROPOSED TREATMENT DETAILING FOR STRETCH -2 (BACK SIDE OF SCHOOL)

WAH THANGSINIANG DRAIN

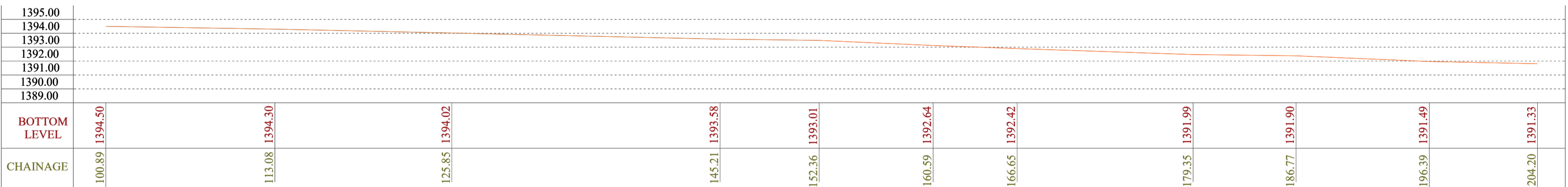
STRETCH -2
BACKSIDE OF SCHOOL



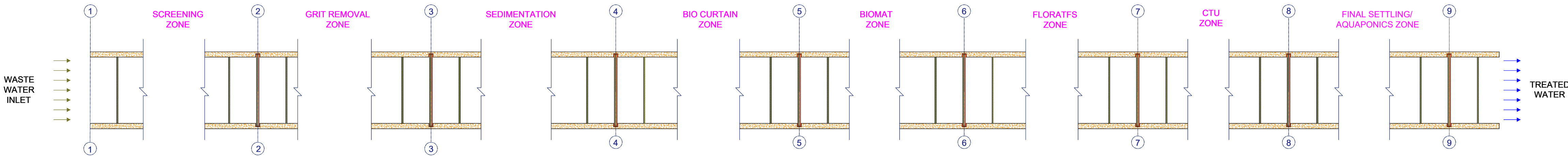
SCALE
0 20 40 80 100
ALL THE DISTANCE ARE IN METERS



LONGITUDINAL SECTION & PROPOSED TREATMENT DETAILING FOR STRETCH -2 (BACK SIDE OF SCHOOL)



LONGITUDINAL SECTION OF STRETCH -2 (BACK SIDE OF SCHOOL) : 100.89 TO 204.20 M



PROPOSE TREATMENT SCHEME FOR STRETCH - 2 : BACK SIDE OF SCHOOL

NOT TO SCALE





- GENERAL NOTES:
- ALL THE DIMENSIONS ARE IN MM, IF OTHERWISE SPECIFIED.
 - ANY CHANGES OR RECOMMENDATIONS IN THE DRAWING SHOULD BE SHARED WITH THE SUB CONSULTANT FOR APPROVAL & DISCUSSION.

LEGEND

CONCRETE	
FRP SHEET	
MILD STEEL	
WATER LEVEL	
BOTTOM LEVEL OF DRAIN	
NATURAL BOUNDARY OF DRAIN	
LINED BOUNDARY OF DRAIN	
COVERED PORTION OF DRAIN	
PORPOSED RENEU STRETCH	
BRIDGE	

CLIENT / OWNER SHILLONG SMART CITY LIMITED

SUBMITTED BY/
ARCHITECT ON RECORD IPE GLOBAL LIMITED
B-84, Defence Colony, New Delhi -110024

SUB CONSULTANT
EMERGY ENVIRO PRIVATE LIMITED
SINE IIT BOMBAY COMPANY
CM2, 3rd Floor, CSRE Building, IIT Bombay, Powai, Mumbai - 400076



PROJECT NAME:
UMKHRAH RIVER CLEANING

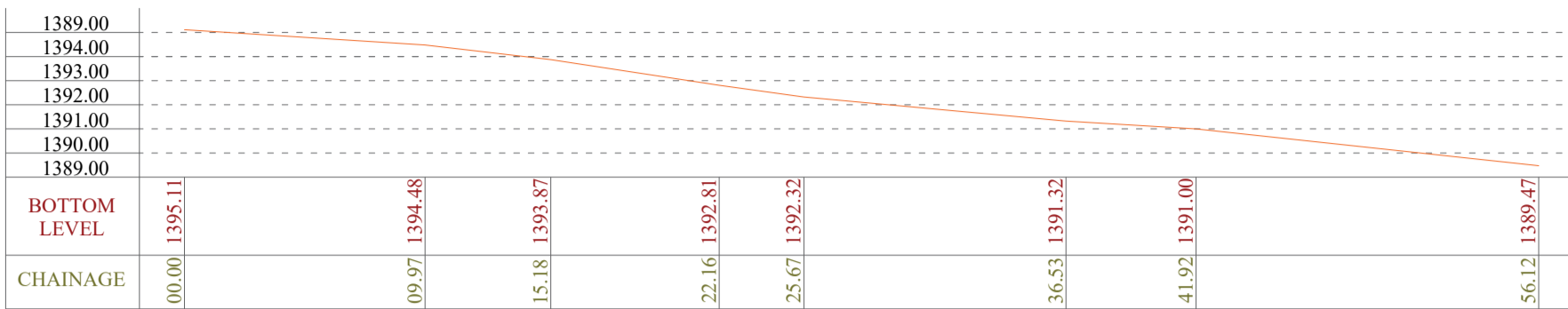
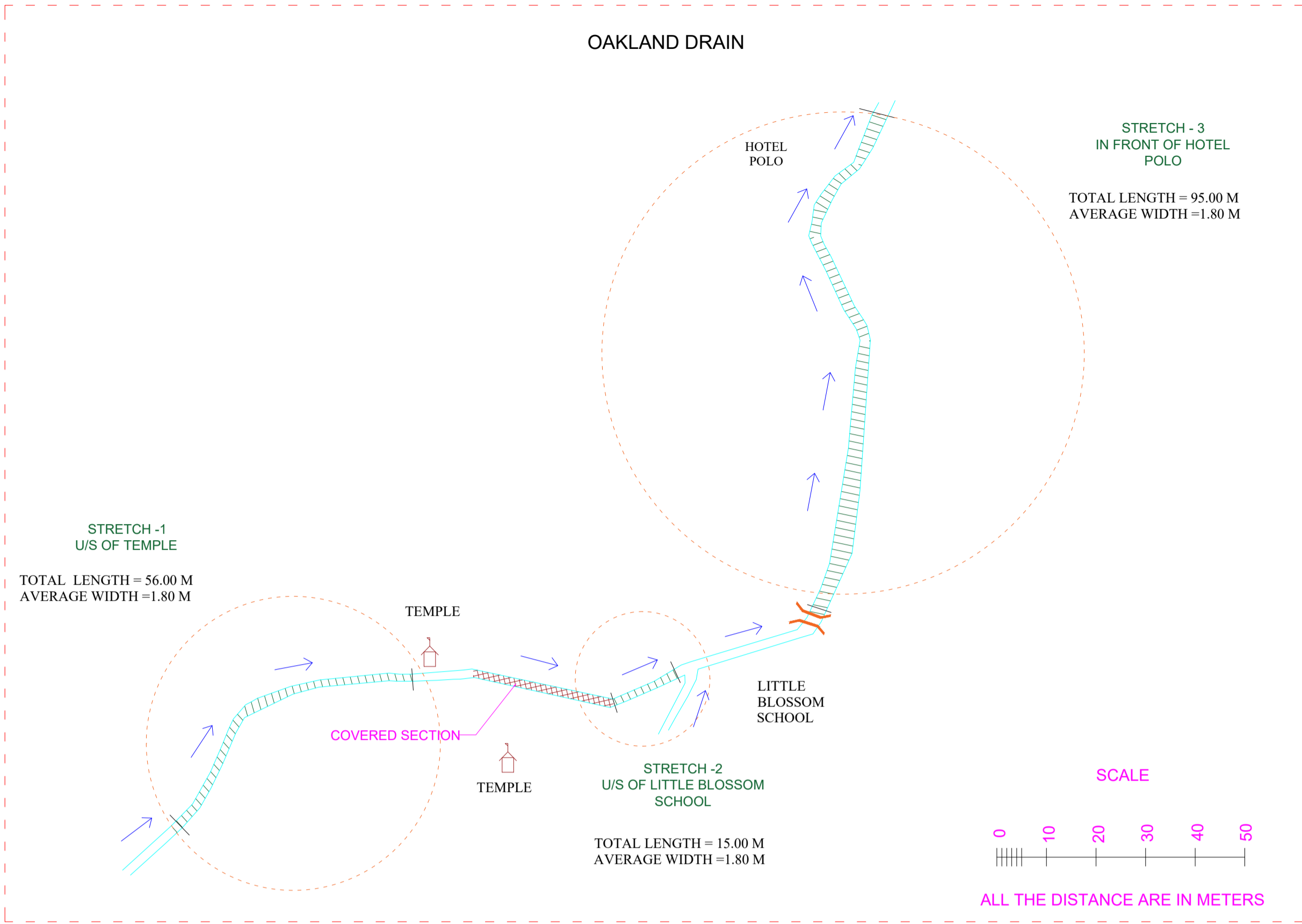
0	07/04/21	LONGITUDINAL SECTION DRAWING	IKJ
REV	DATE	DESCRIPTION	APPROVED

REVISION INDEX

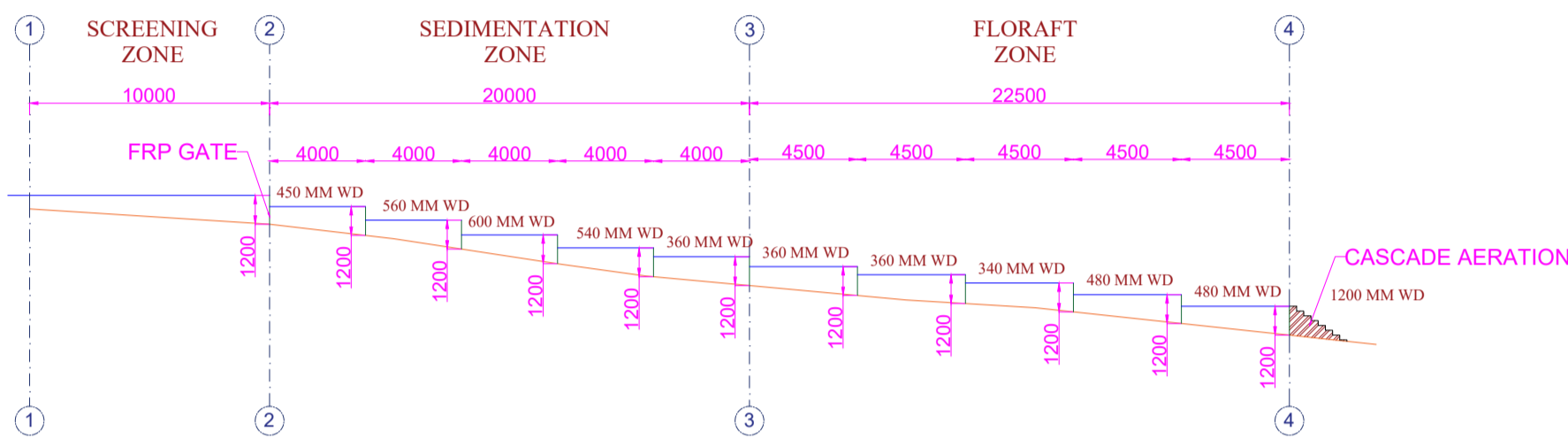
DRAWING TITLE

LONGITUDINAL SECTION OF RENEU TREATMENT FOR
OAKLAND DRAIN

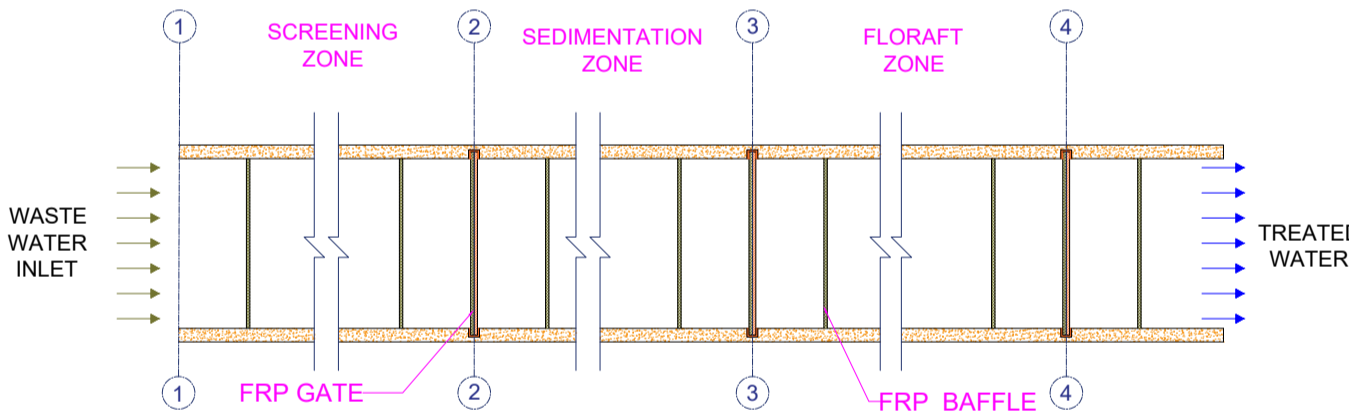
FOR APPROVAL OF COMPETENT AUTHORITY	DATE 10/05/2021		DRAWN MD
	SCALE NTS	SHEET SIZE A1	CHECKED RH
			APPROVED IKJ
DRAWING NO. IPE/SSCL/			REVISION NO. 0



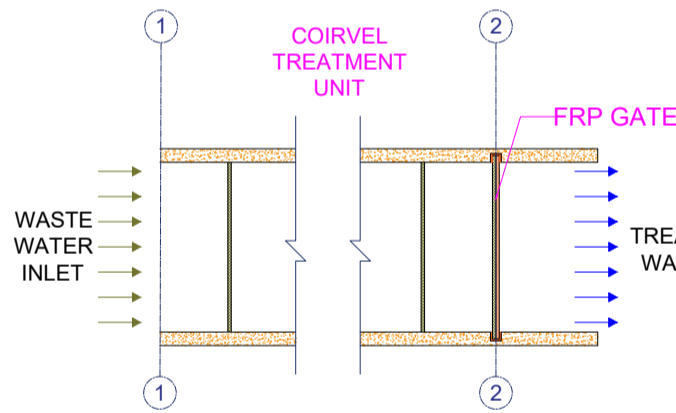
LONGITUDINAL SECTION OF STRETCH - 1 (U/S OF TEMPLE) : 00.00 TO 56.12 M



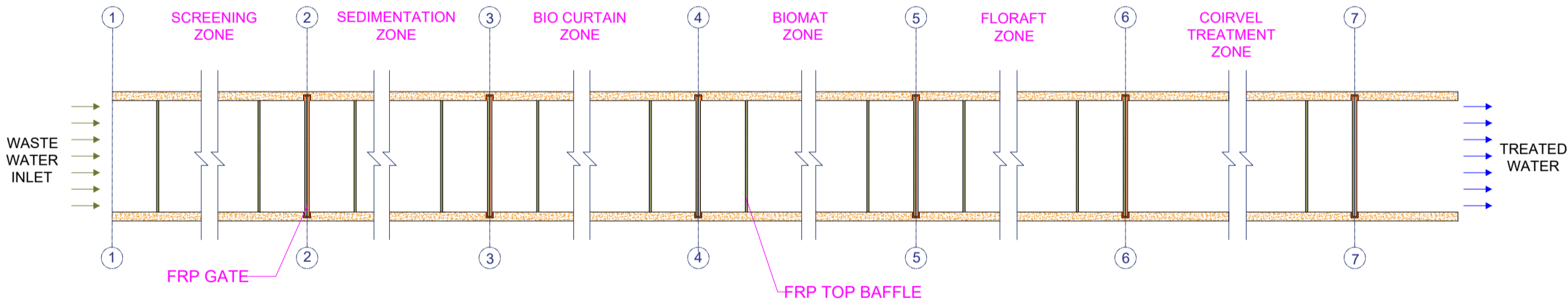
LONGITUDINAL SECTION & PROPOSED TREATMENT DETAILING
FOR STRETCH - 1 (U/S OF TEMPLE)



PROPOSE TREATMENT SCHEME FOR STRETCH - 1 : U/S OF TEMPLE

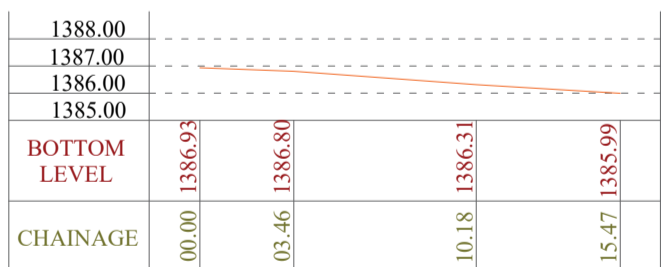


PROPOSE TREATMENT SCHEME FOR STRETCH
-2 : U/S OF LITTLE BLOSSOM SCHOOL

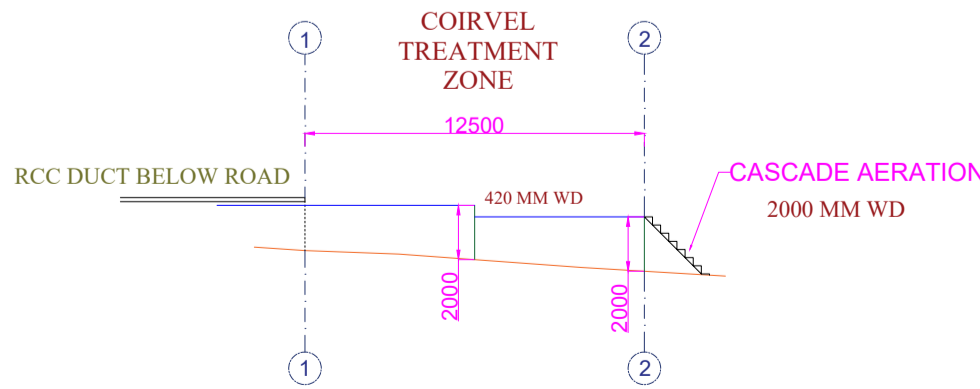


PROPOSE TREATMENT SCHEME FOR STRETCH - 3 : IN FRONT OF HOTEL POLO

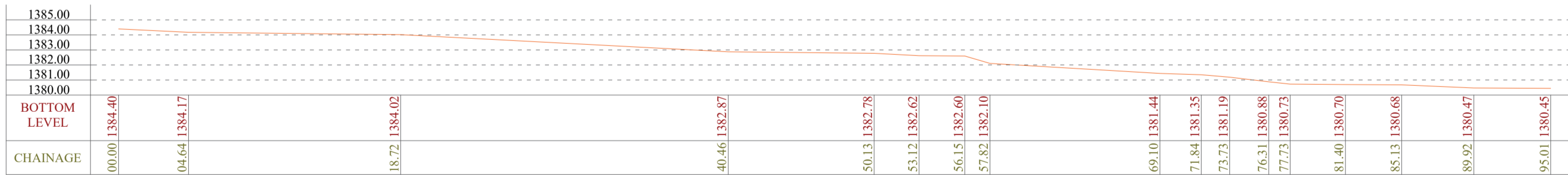
NOT TO SCALE



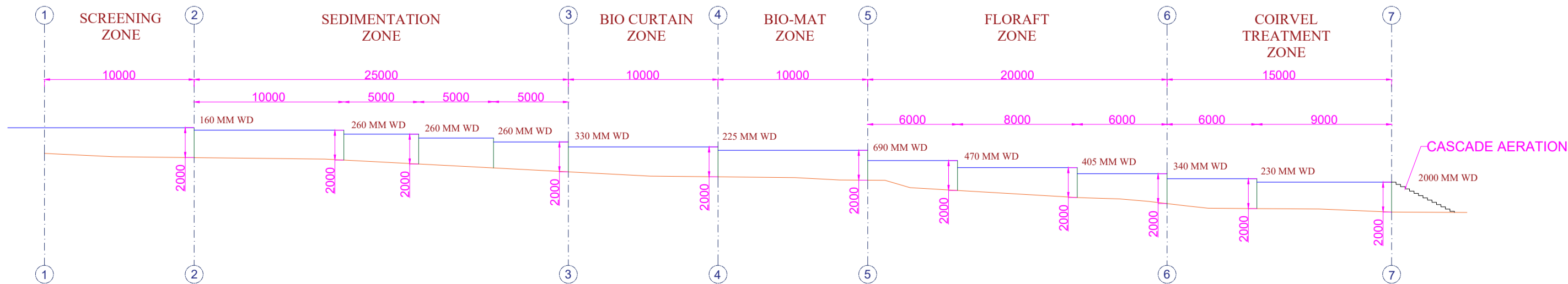
LONGITUDINAL SECTION OF STRETCH -2
(U/S OF LITTLE BLOSSOM SCHOOL) : 00.00 TO 15.47 M



LONGITUDINAL SECTION & PROPOSED TREATMENT DETAILING
FOR STRETCH -2 (U/S OF LITTLE BLOSSOM SCHOOL)



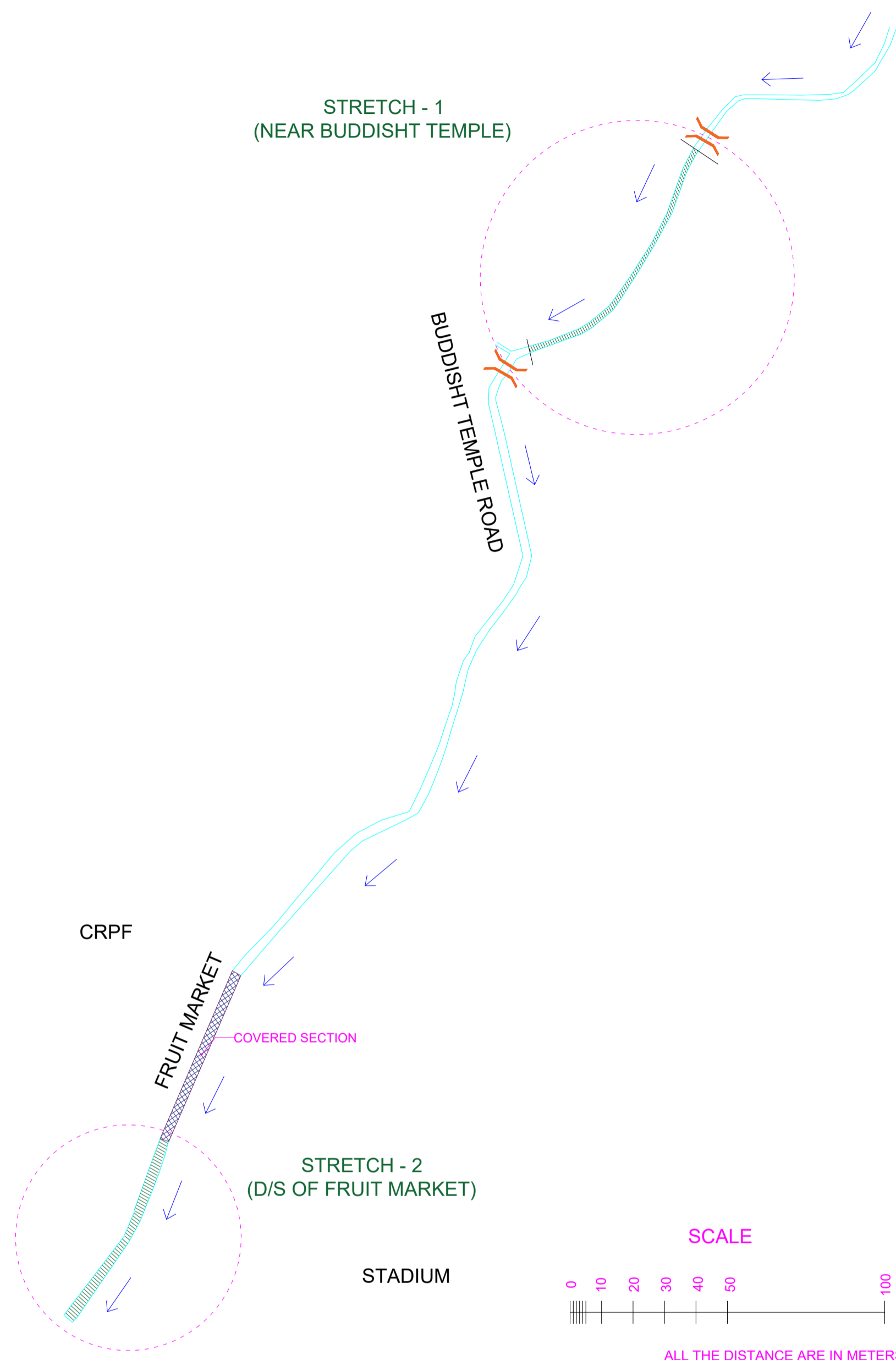
LONGITUDINAL SECTION OF STRETCH - 3 (IN FRONT OF HOTEL POLO) : 00.00 TO 95.01 M



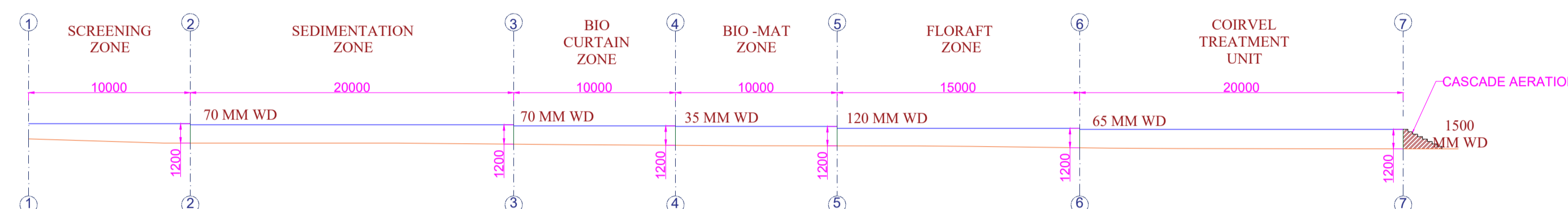
LONGITUDINAL SECTION & PROPOSED TREATMENT DETAILING FOR STRETCH -3 (IN FRONT OF HOTEL POLO)



POLO DRAIN - 2

[illegible]

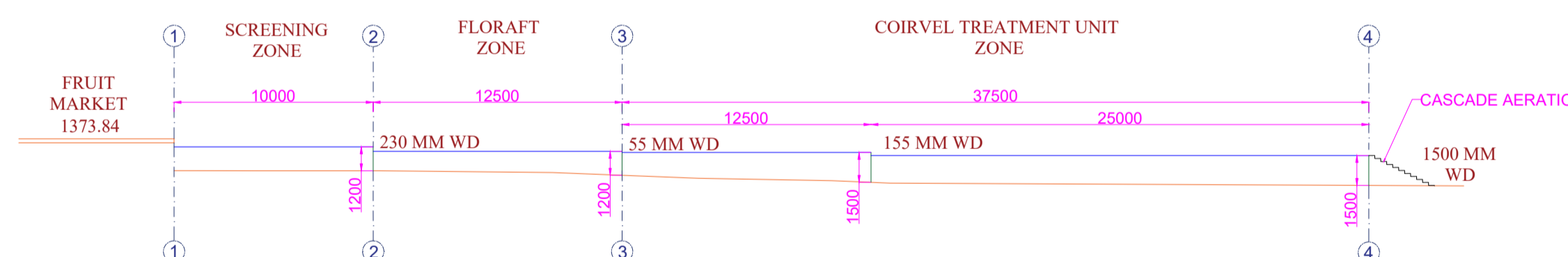
LONGITUDINAL SECTION OF STRETCH -1 (NEAR BUDDISHT TEMPLE) : 0.00 TO 88.40 M



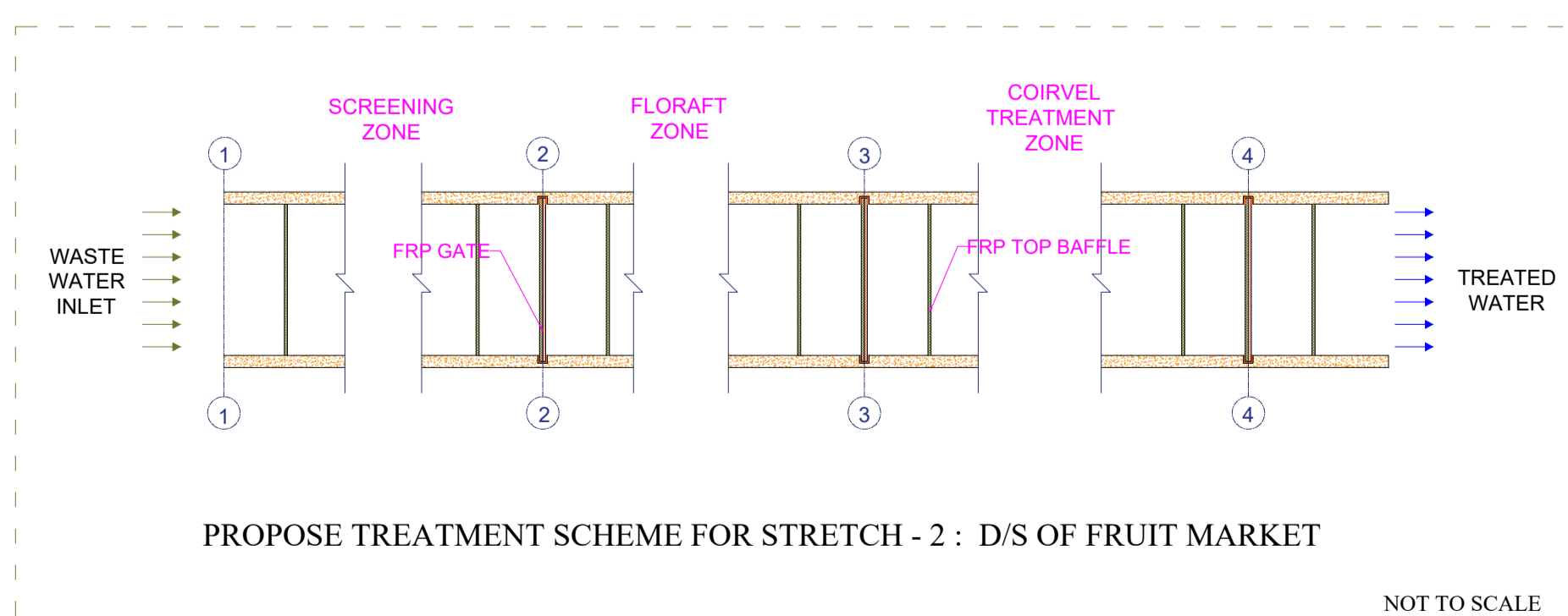
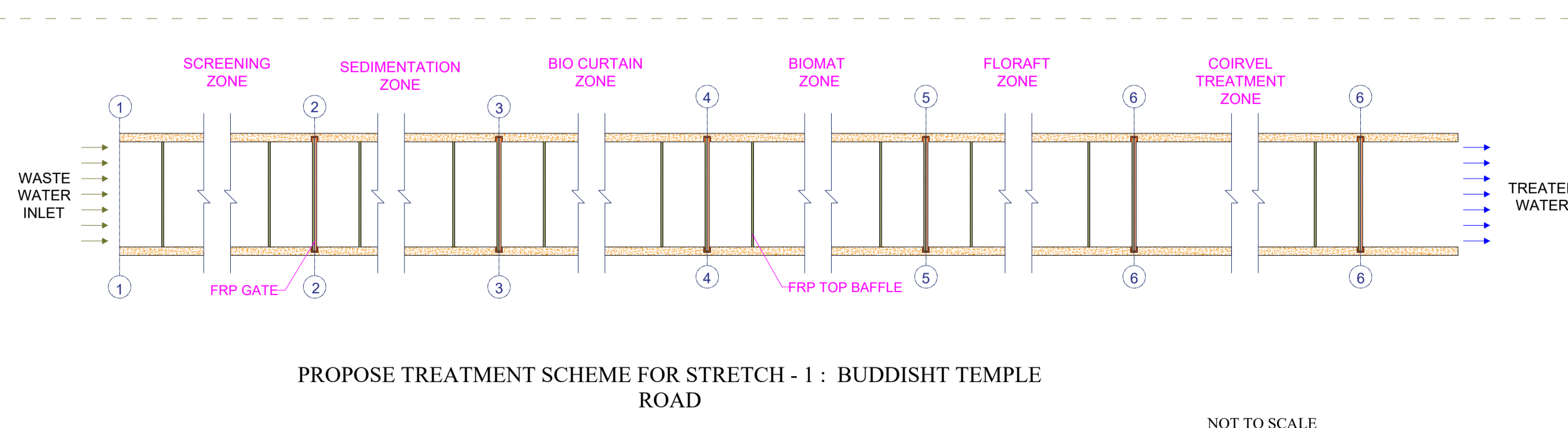
LOGITUDINAL SECTION & PROPOSED TREATMENT DETAILING FOR STRETCH -1 : NEAR BUDDISHT TEMPLE ROAD

	1374.50	
	1373.50	
	1372.50	
BOTTOM LEVEL	1373.84	
	1373.83	
	1373.82	
	1373.74	
	1373.45	
	1373.33	
	1373.21	
CHAINAGE	54.76	1373.07

LONGITUDINAL SECTION OF STRETCH -2 (D/S OF FRUIT MARKET) : 0.00 TO 64.76 M













LOGITUDINAL SECTION & PROPOSED TREATMENT DETAILING FOR STRETCH -2 (D/S OF FRUIT MARKET)



GENERAL NOTES:

1. ALL THE DIMENSIONS ARE IN MM, IF OTHERWISE SPECIFIED.
2. ANY CHANGES OR RECOMMENDATIONS IN THE DRAWING SHOULD BE SHARED WITH THE SUB CONSULTANT FOR APPROVAL & DISCUSSION.

LEGEND

CONCRETE	
FRP SHEET	
MILD STEEL	
WATER LEVEL	
BOTTOM LEVEL OF DRAIN	
NATURAL BOUNDARY OF DRAIN	
LINED BOUNDARY OF DRAIN	
COVERED PORTION OF DRAIN	
PORPOSED RENEU STRETCH	
BRIDGE	

CLIENT / OWNER **SHILLONG SMART CITY LIMITED**

SUBMITTED BY/
ARCHITECT ON RECORD

IPE GLOBAL LIMITED
B-84, Defence Colony, New Delhi -11002

SUB CONSULTANT

EMERGY ENVIRO PRIVATE LIMITED
SINE IIT BOMBAY COMPANY
CM02, 3rd Floor, CSRE Building, IIT Bombay, Powai, Mumbai - 4000



PROJECT NAME:

UMKHRAH RIVER CLEANING

0	07/04/21	LONGITUDINAL SECTION DRAWING	IKJ
REV	DATE	DESCRIPTION	APPROVED

REVISION INDEX

DRAWING TITLE
LONGITUDINAL SECTION OF RENEU TREATMENT FOR POLO DRAIN-2

FOR APPROVAL OF COMPETENT AUTHORITY	DATE 10/05/2021		DRAWN MD
			CHECKED RH
	SCALE NTS	SHEET SIZE A1	APPROVED IKJ

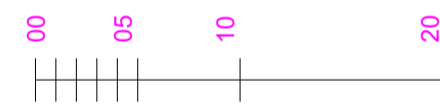
DRAWING NO. IPE/SSCL/	REVISION NO. (
--------------------------	----------------



CRPF DRAIN

STRETCH - 1
OPPOSITE TO CRPF CAMPUS

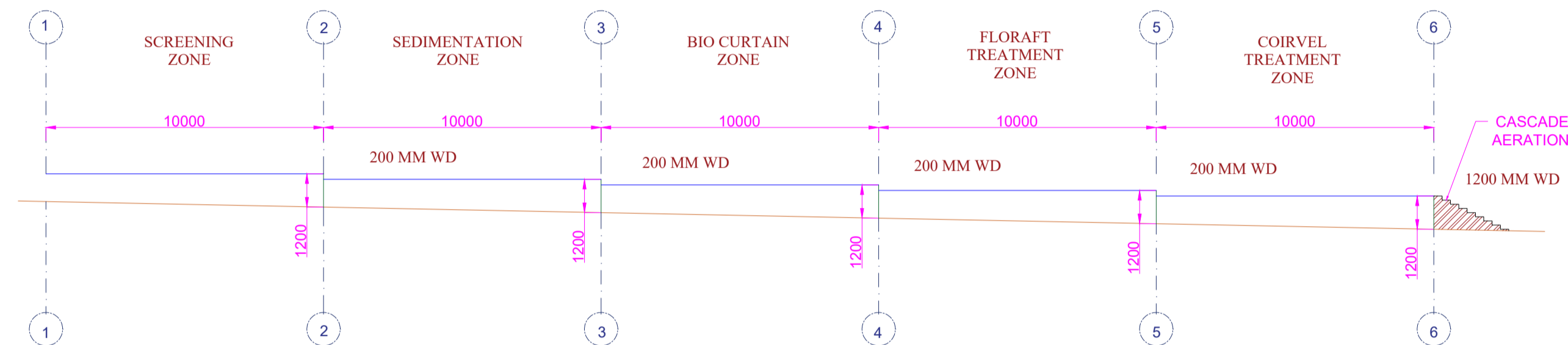
SCALE



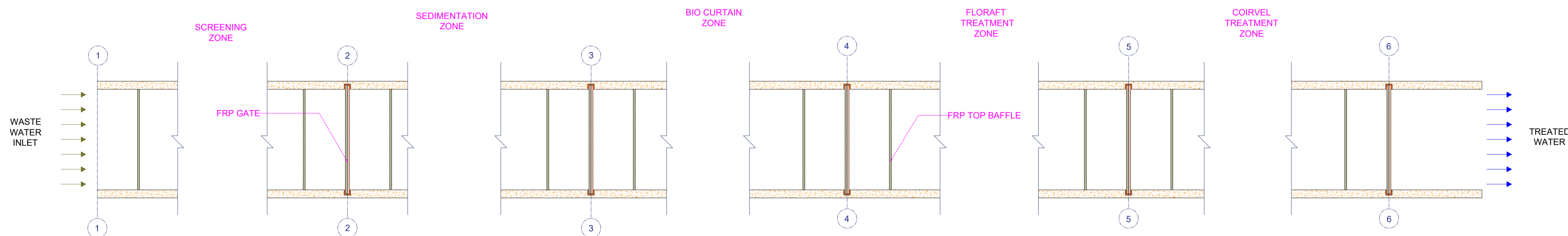
ALL THE DISTANCE ARE IN METEF

BOTTOM LEVEL	1375.60	1375.10	1374.60
CHAINAGE	00.00	25.00	50.00

LONGITUDINAL SECTION OF CRPF DRAIN OPPOSITE TO CRPF CAMPUS : 0.00 TO 50.00



LOGITUDINAL SECTION & PROPOSED TREATMENT DETAILING FOR STRETCH -1 (OPPOSITE TO CRPF CAMPUS)













PROPOSE TREATMENT SCHEME FOR CRPF DRAIN (OPPOSITE TO CRPF CAMPUS)

NOT TO SCALE

GENERAL NOTES

1. ALL THE DIMENSIONS ARE IN MM, IF OTHERWISE SPECIFIED.
2. ANY CHANGES OR RECOMMENDATIONS IN THE DRAWING SHOULD BE SHARED WITH THE SUB CONSULTANT FOR APPROVAL & DISCUSSION.

LEGEND

CONCRETE	
FRP SHEET	
MILD STEEL	
WATER LEVEL	
BOTTOM LEVEL OF DRAIN	
NATURAL BOUNDARY OF DRAIN	
LINED BOUNDARY OF DRAIN	
COVERED PORTION OF DRAIN	
PORPOSED RENEU STRETCH	
BRIDGE	

CLIENT / OWNER **SHILLONG SMART CITY LIMITED**

SUBMITTED BY/
ARCHITECT ON RECORD

IPE GLOBAL LIMITED
B-84, Defence Colony, New Delhi -110024

SUB CONSULTANT

EMERGY ENVIRO PRIVATE LIMITED
SINE IIT BOMBAY COMPANY
CM02, 3rd Floor, CSRE Building,
IIT Bombay, Powai, Mumbai - 400076



PROJECT NAME:
UMKHRAH RIVER CLEANING

0	07/04/21	LONGITUDINAL SECTION DRAWING	IKJ
REV	DATE	DESCRIPTION	APPROVED

REVISION INDEX

DRAWING TITLE

LONGITUDINAL SECTION OF RENEU TREATMENT FOR CRPF DRAIN

FOR APPROVAL OF COMPETENT AUTHORITY	DATE 10/05/2021		DRAWN MD
			CHECKED RH
	SCALE NTS	SHEET SIZE A1	APPROVED JKJ

DRAWING NO. IPE/SSCL/	REVISION NO. 0
--------------------------	----------------