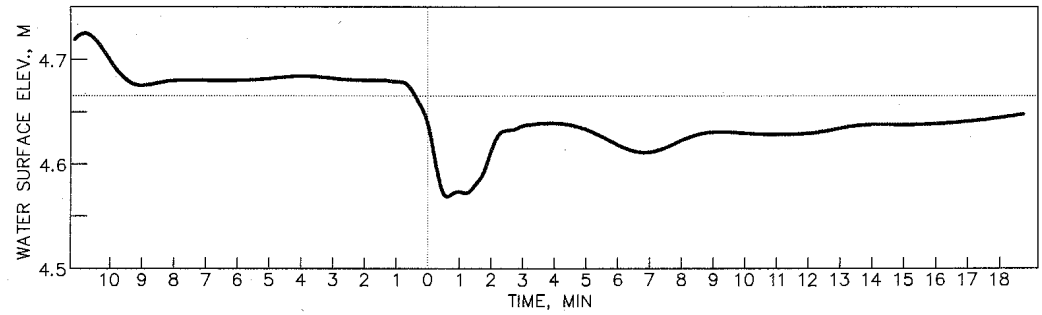
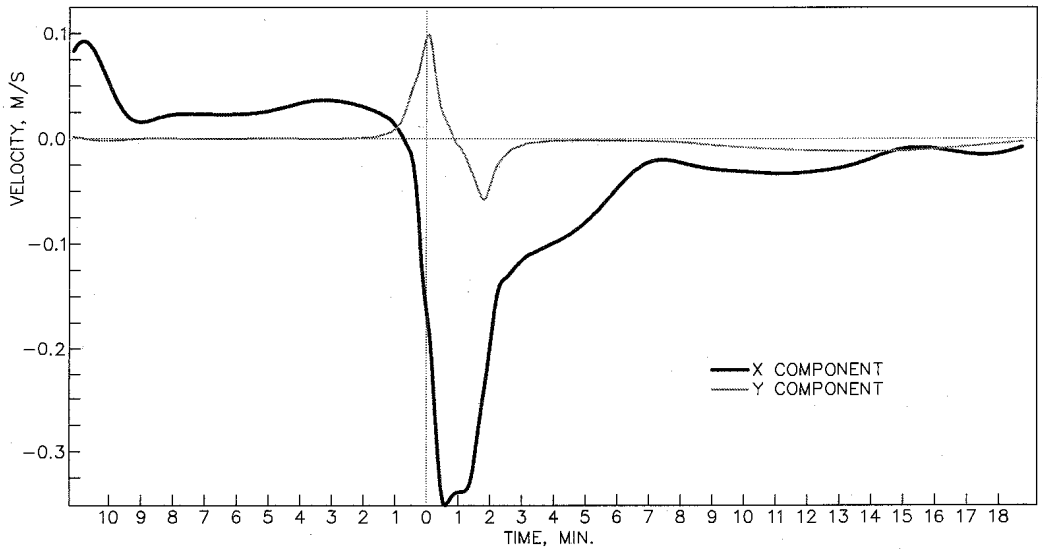
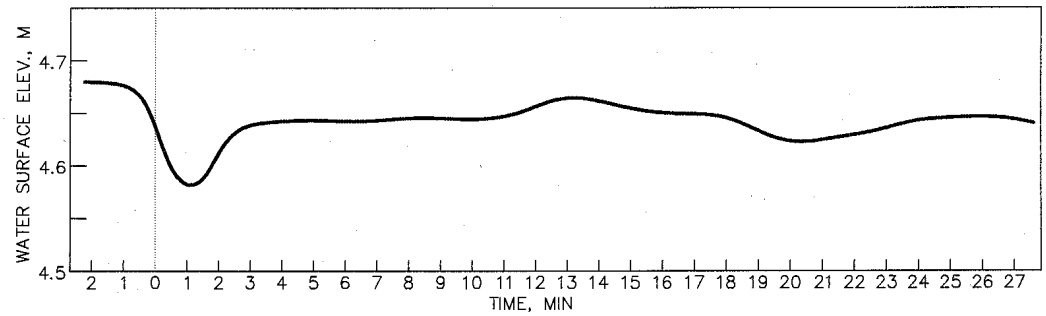


WATER SURFACE ELEVATION

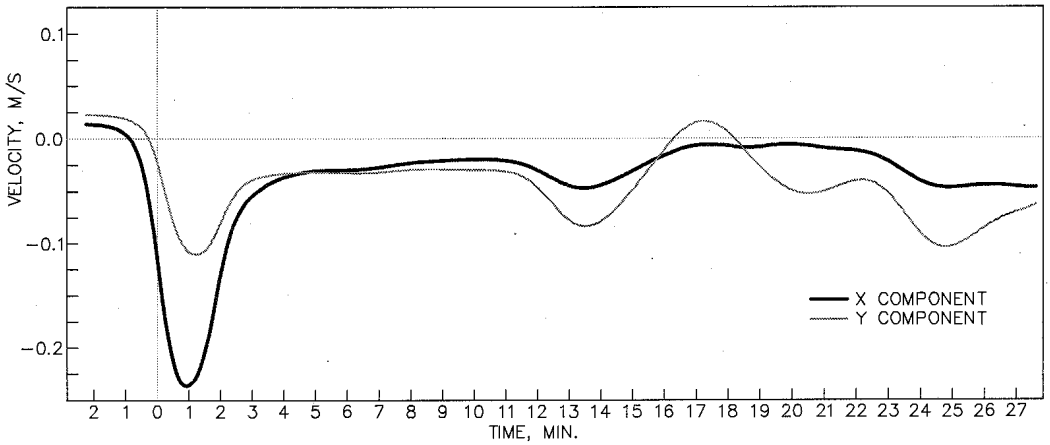


VELOCITY COMPONENTS

SECONDARY CHANNELS
L/l=10.0 D/d=2.0
MAIN CHANNEL

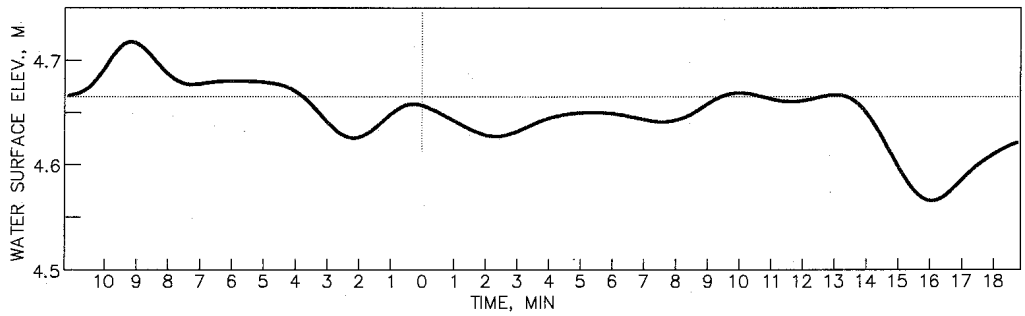


WATER SURFACE ELEVATION

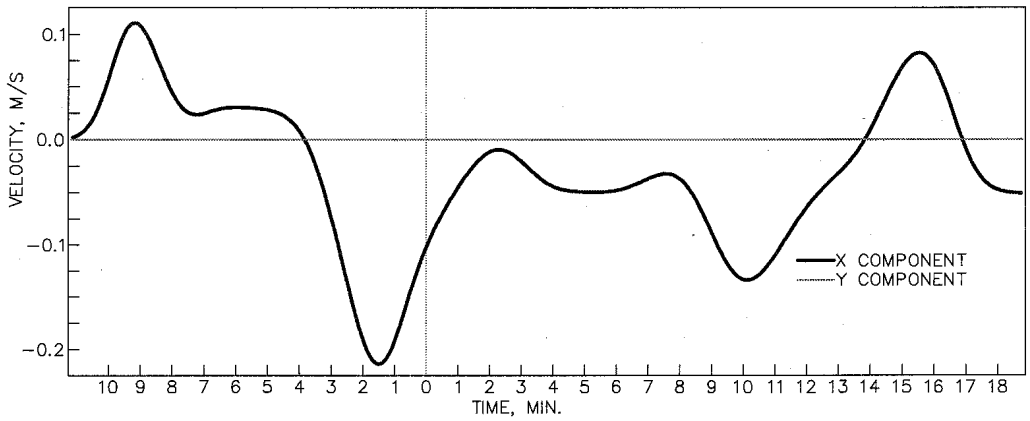


VELOCITY COMPONENTS

SECONDARY CHANNELS
L/l=10.0 D/d=2.0
INLET OF SECONDARY CHANNEL

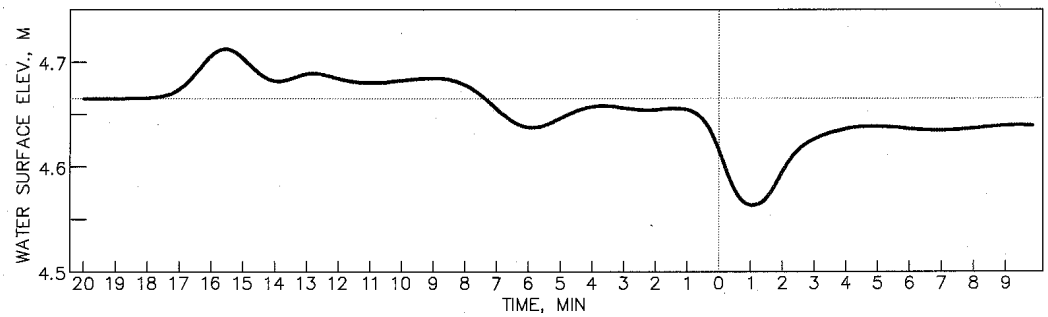


WATER SURFACE ELEVATION

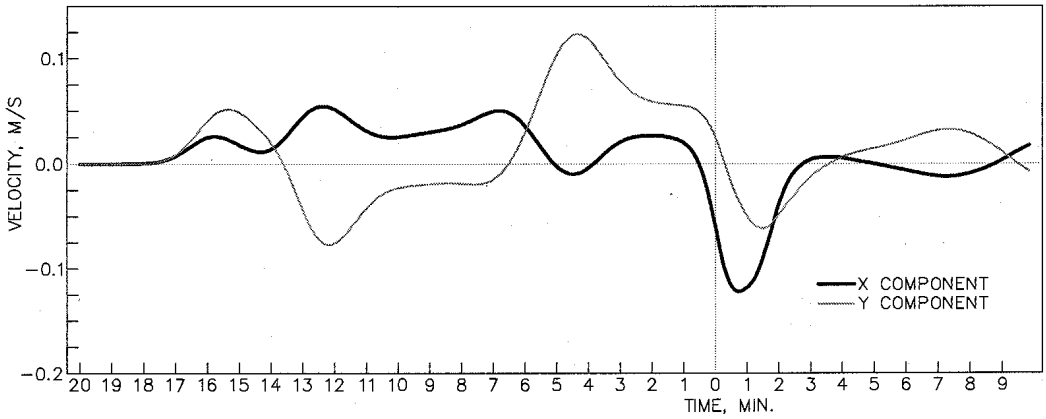


VELOCITY COMPONENTS

SECONDARY CHANNELS
L/l=10.0 D/d=2.0
MIDDLE OF SECONDARY CHANNEL

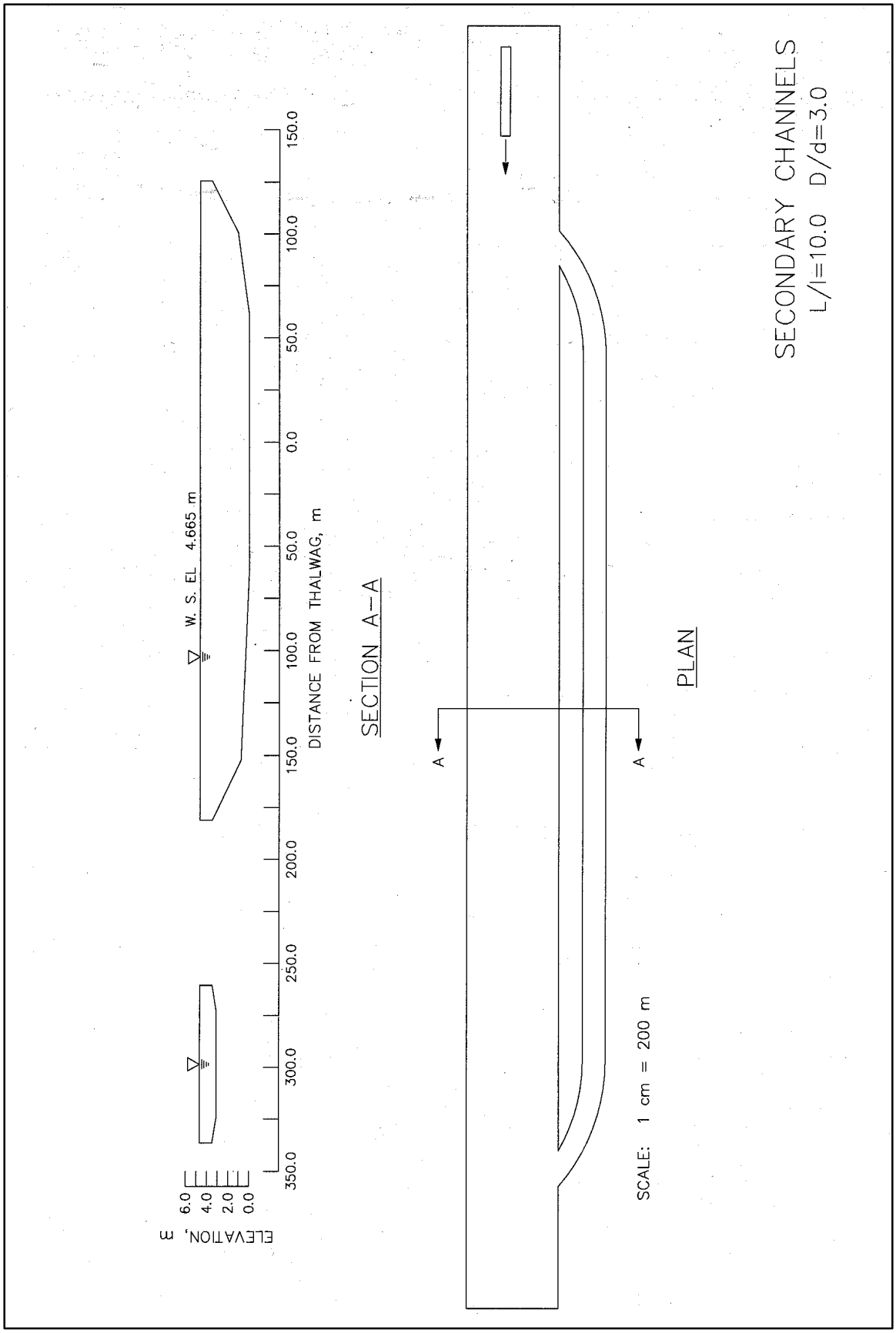


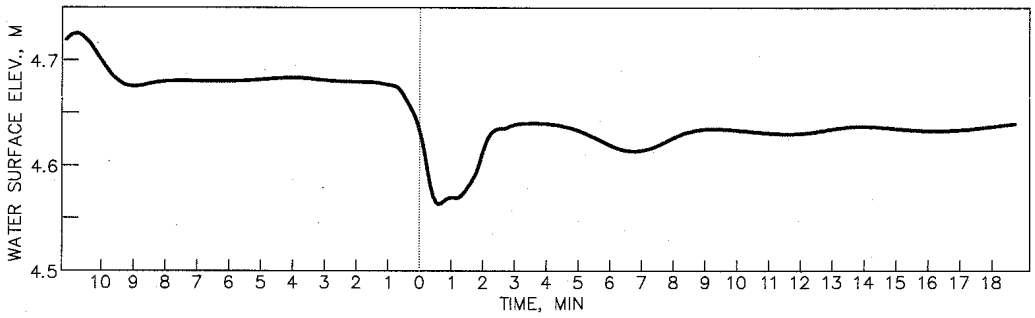
WATER SURFACE ELEVATION



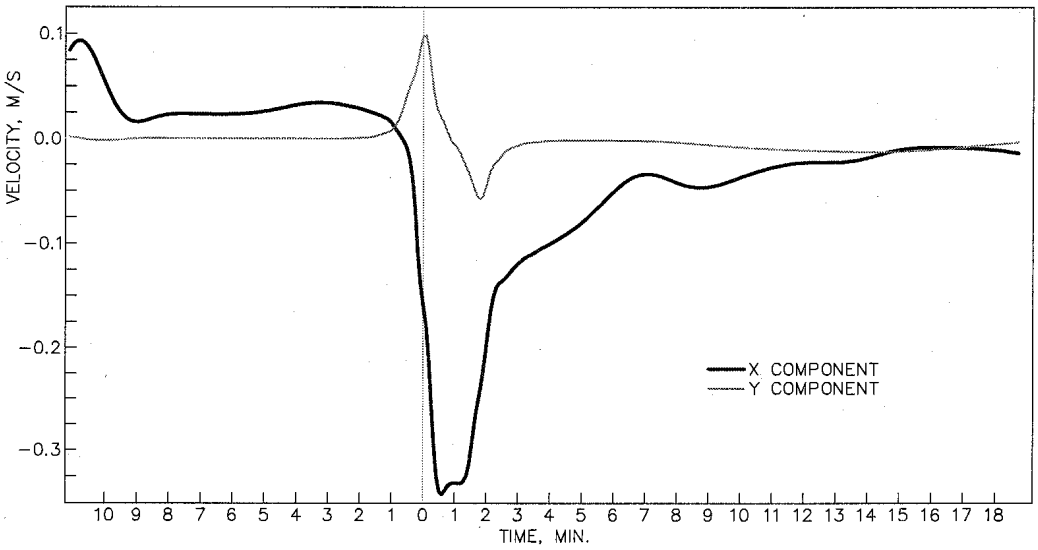
VELOCITY COMPONENTS

SECONDARY CHANNELS
L/l=10.0 D/d=2.0
OUTLET OF SECONDARY CHANNEL


SECONDARY CHANNELS
L/l=10.0 D/d=3.0
PLAN
A
A
SCALE: 1 cm = 200 m
SECTION A-A
W. S. EL 4.665 m
DISTANCE FROM THALWAG, m
ELEVATION, m
6.0
4.0
2.0
0.0
350.0
300.0
250.0
200.0
150.0
100.0
50.0
0.0
50.0
100.0
150.0

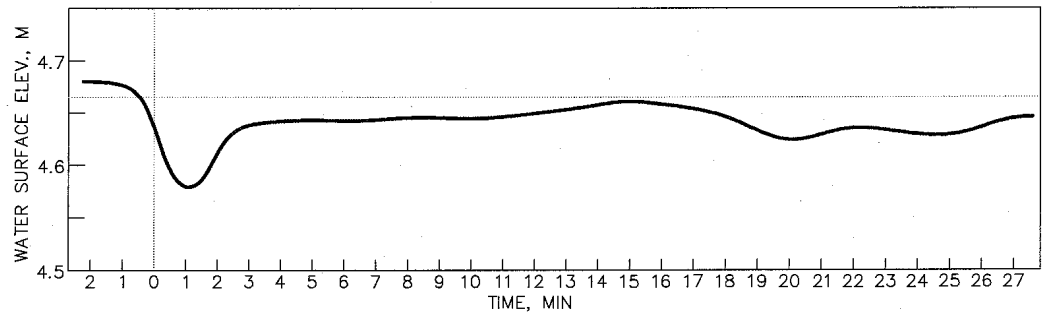


WATER SURFACE ELEVATION

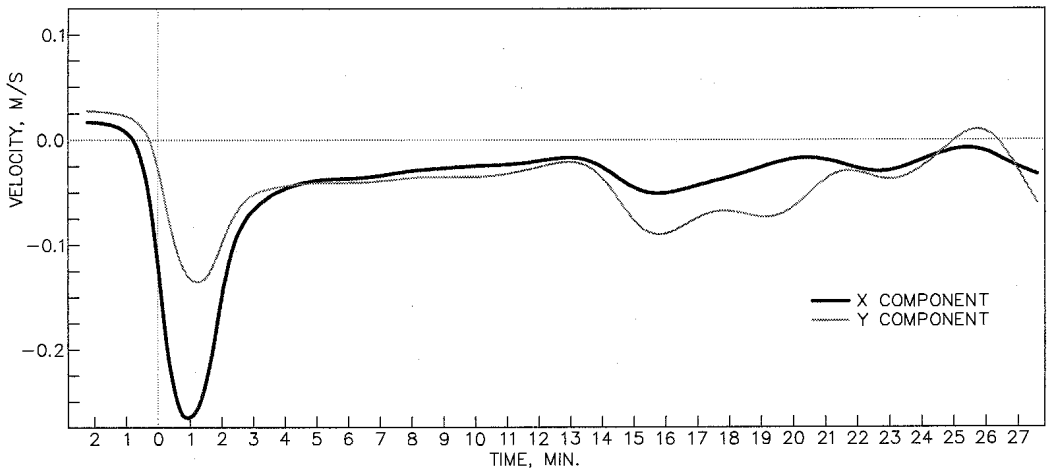


VELOCITY COMPONENTS

SECONDARY CHANNELS
L/l=10.0 D/d=3.0
MAIN CHANNEL

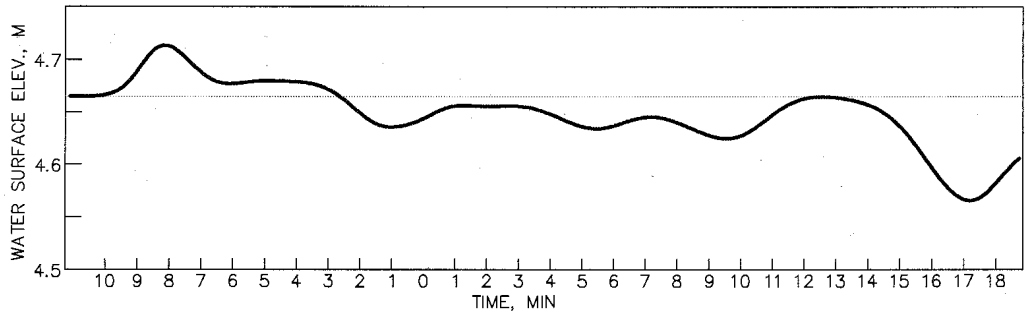


WATER SURFACE ELEVATION

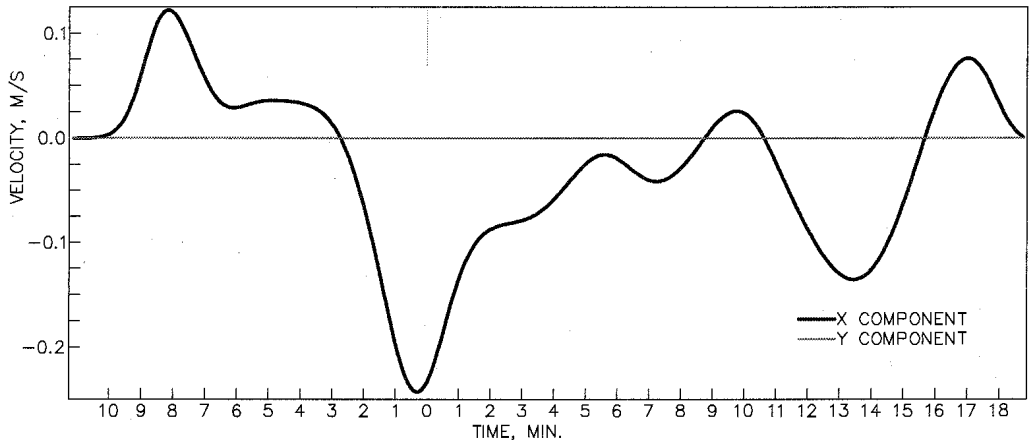


VELOCITY COMPONENTS

SECONDARY CHANNELS
L/l=10.0 D/d=3.0
INLET OF SECONDARY CHANNEL

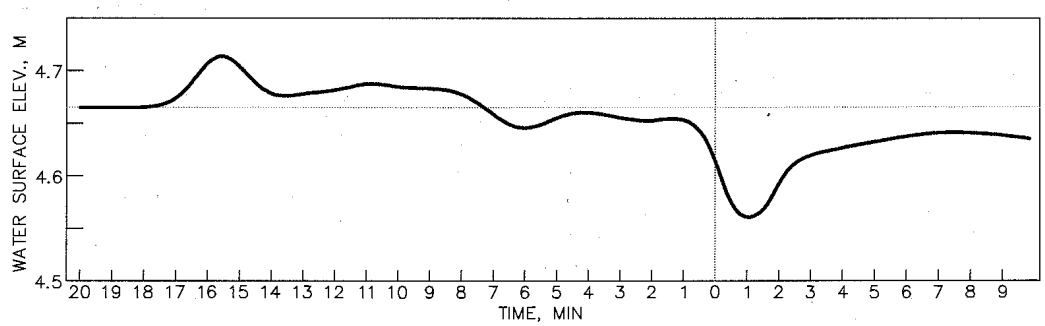


WATER SURFACE ELEVATION

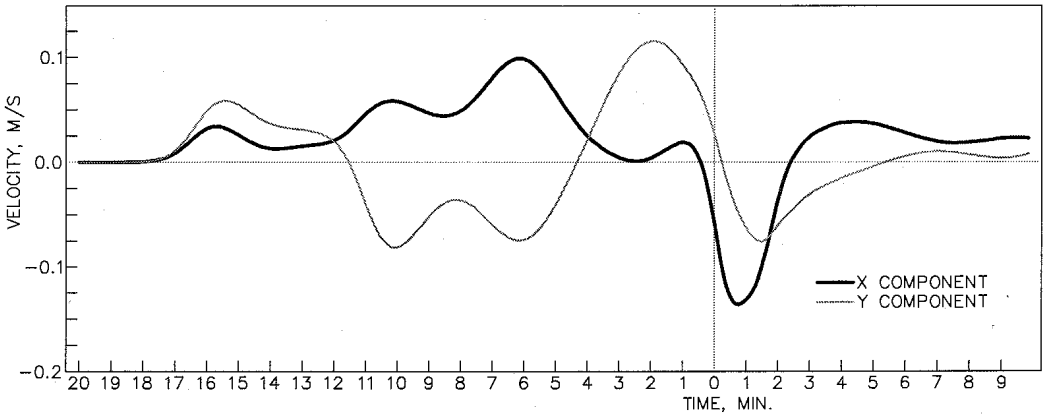


VELOCITY COMPONENTS

SECONDARY CHANNELS
L/l=10.0 D/d=3.0
MIDDLE OF SECONDARY CHANNEL



WATER SURFACE ELEVATION



VELOCITY COMPONENTS

SECONDARY CHANNELS
L/l=10.0 D/d=3.0
OUTLET OF SECONDARY CHANNEL

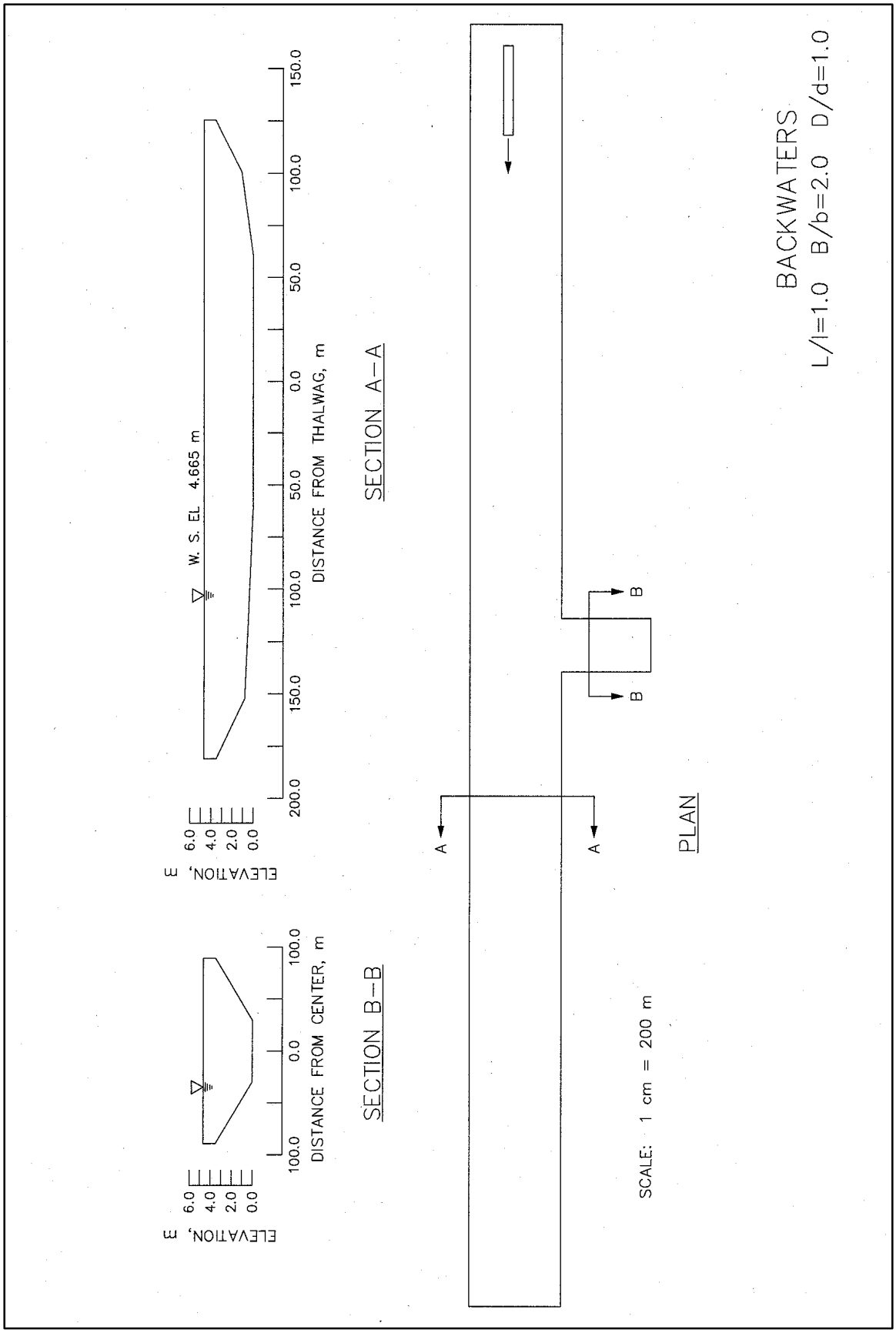
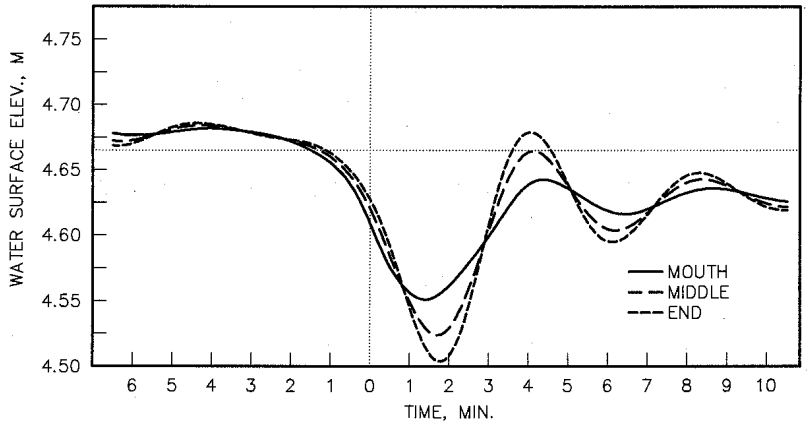
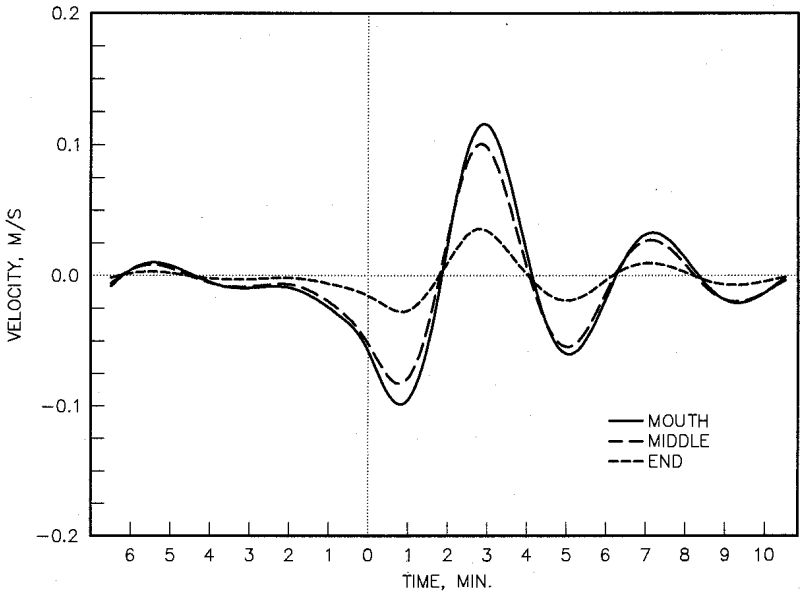

BACKWATERS
L/l=1.0 B/b=2.0 D/d=1.0
SECTION A–A
W. S. EL 4.665 m
DISTANCE FROM THALWAG, m
ELEVATION, m
SECTION B–B
DISTANCE FROM CENTER, m
ELEVATION, m
PLAN
A
A
B
B
SCALE: 1 cm = 200 m

Plate 110



WATER SURFACE ELEVATION



Y – VELOCITY COMPONENT

TIME–HISTORY
BACKWATERS
L/l=1.0 B/b=2.0 D/d=1.0

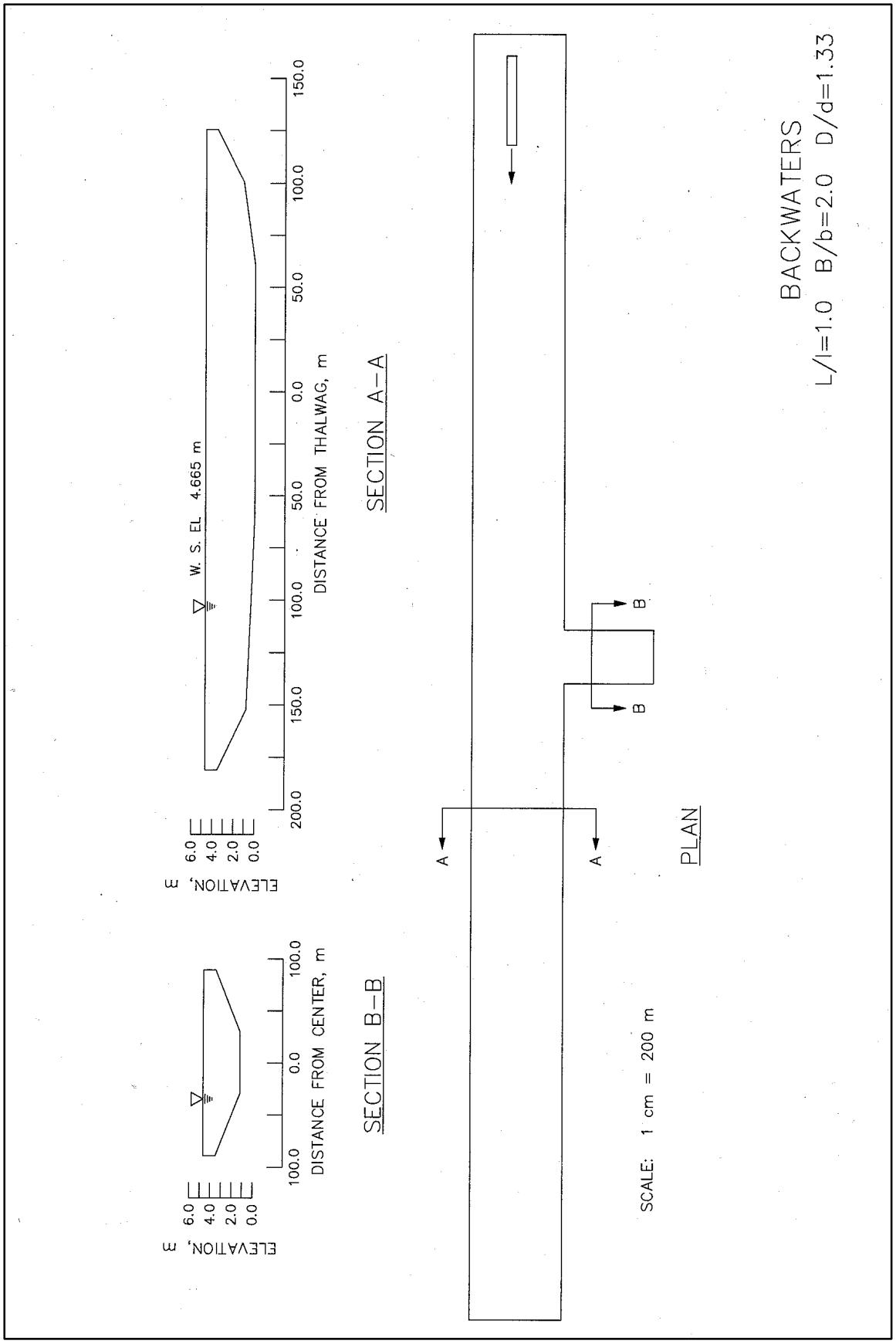
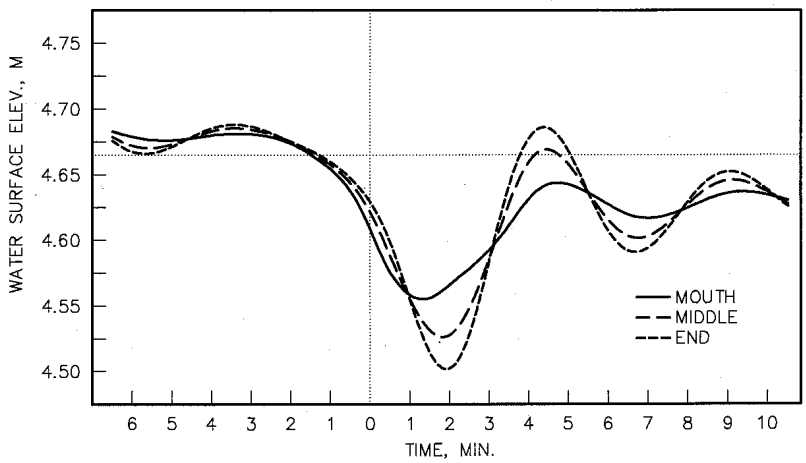
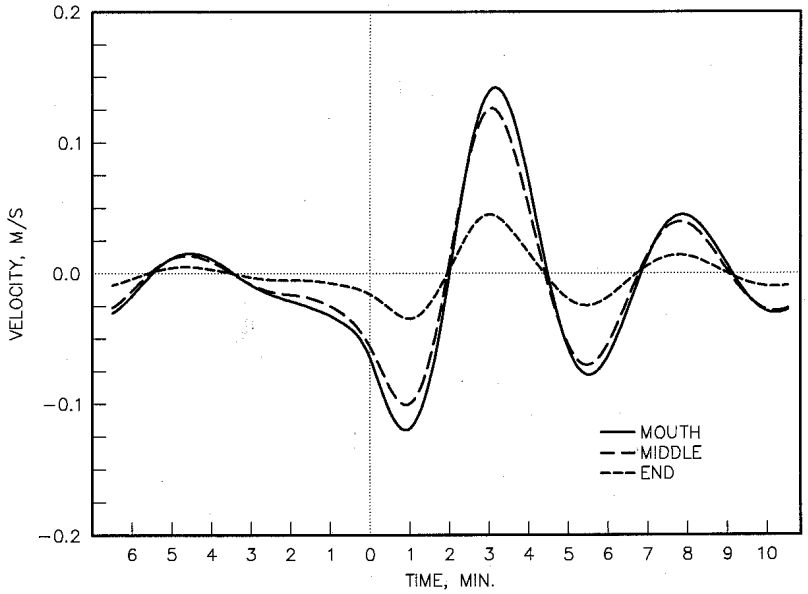

BACKWATERS
L/l=1.0 B/b=2.0 D/d=1.33
SECTION A–A
W. S. EL 4.665 m
DISTANCE FROM THALWAG, m
ELEVATION, m
SECTION B–B
DISTANCE FROM CENTER, m
ELEVATION, m
PLAN
A
A
B
B
SCALE: 1 cm = 200 m

Plate 112



WATER SURFACE ELEVATION



Y − VELOCITY COMPONENT

TIME−HISTORY
BACKWATERS

L/l=1.0 B/b=2.0 D/d=1.33

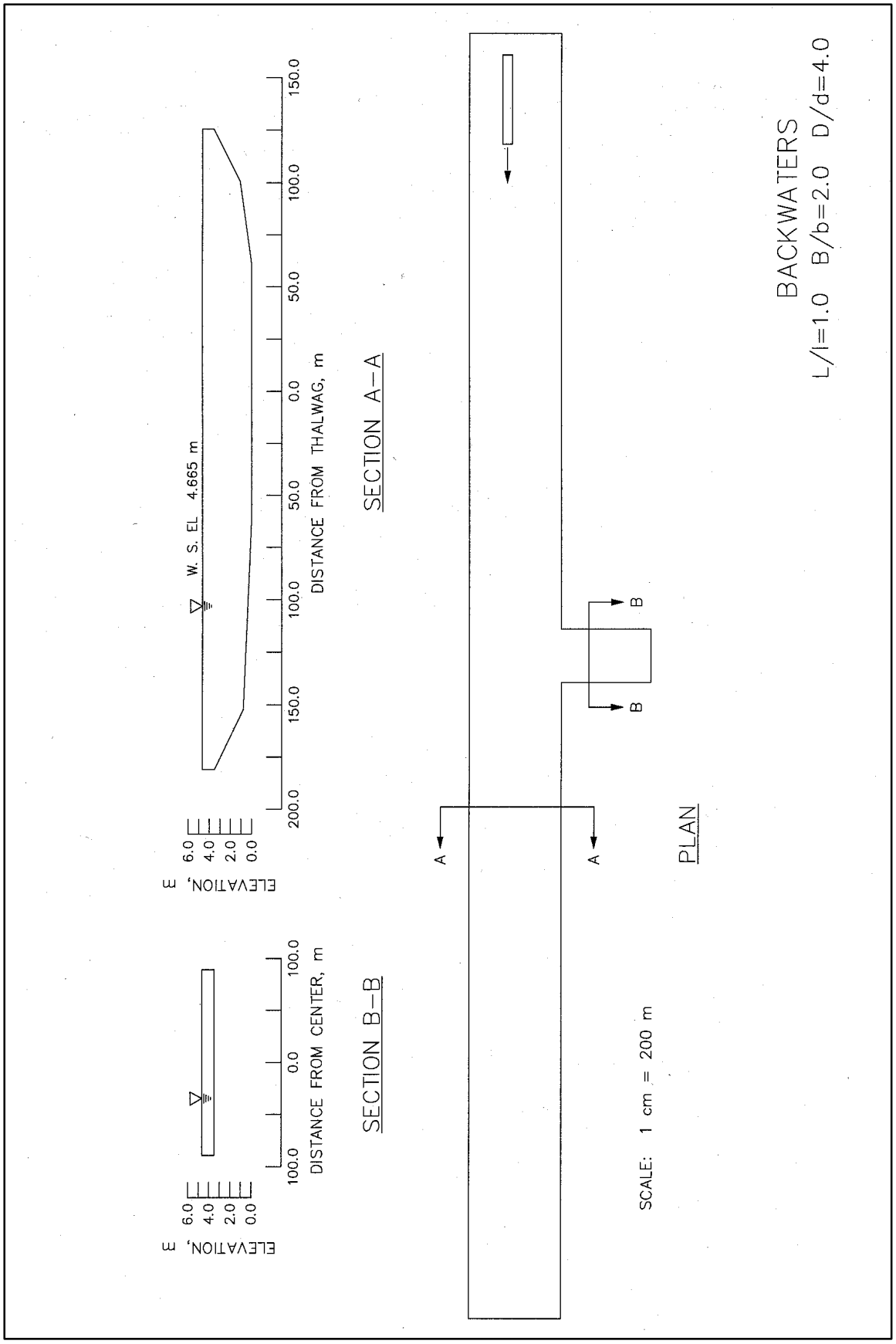
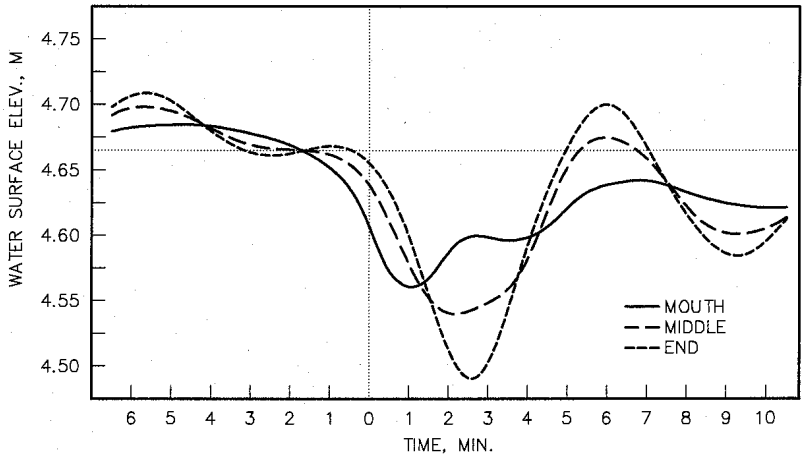
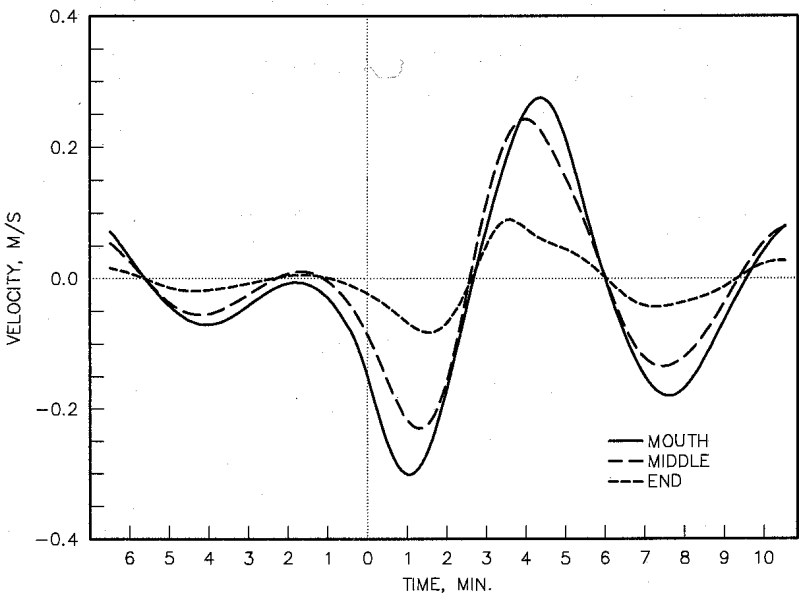

BACKWATERS
L/l=1.0 B/b=2.0 D/d=4.0
SECTION A–A
W. S. EL 4.665 m
DISTANCE FROM THALWAG, m
ELEVATION, m
SECTION B–B
DISTANCE FROM CENTER, m
ELEVATION, m
PLAN
A
A
B
B
SCALE: 1 cm = 200 m

Plate 114



WATER SURFACE ELEVATION



Y – VELOCITY COMPONENT

TIME–HISTORY
BACKWATERS
L/l=1.0 B/b=2.0 D/d=4.0

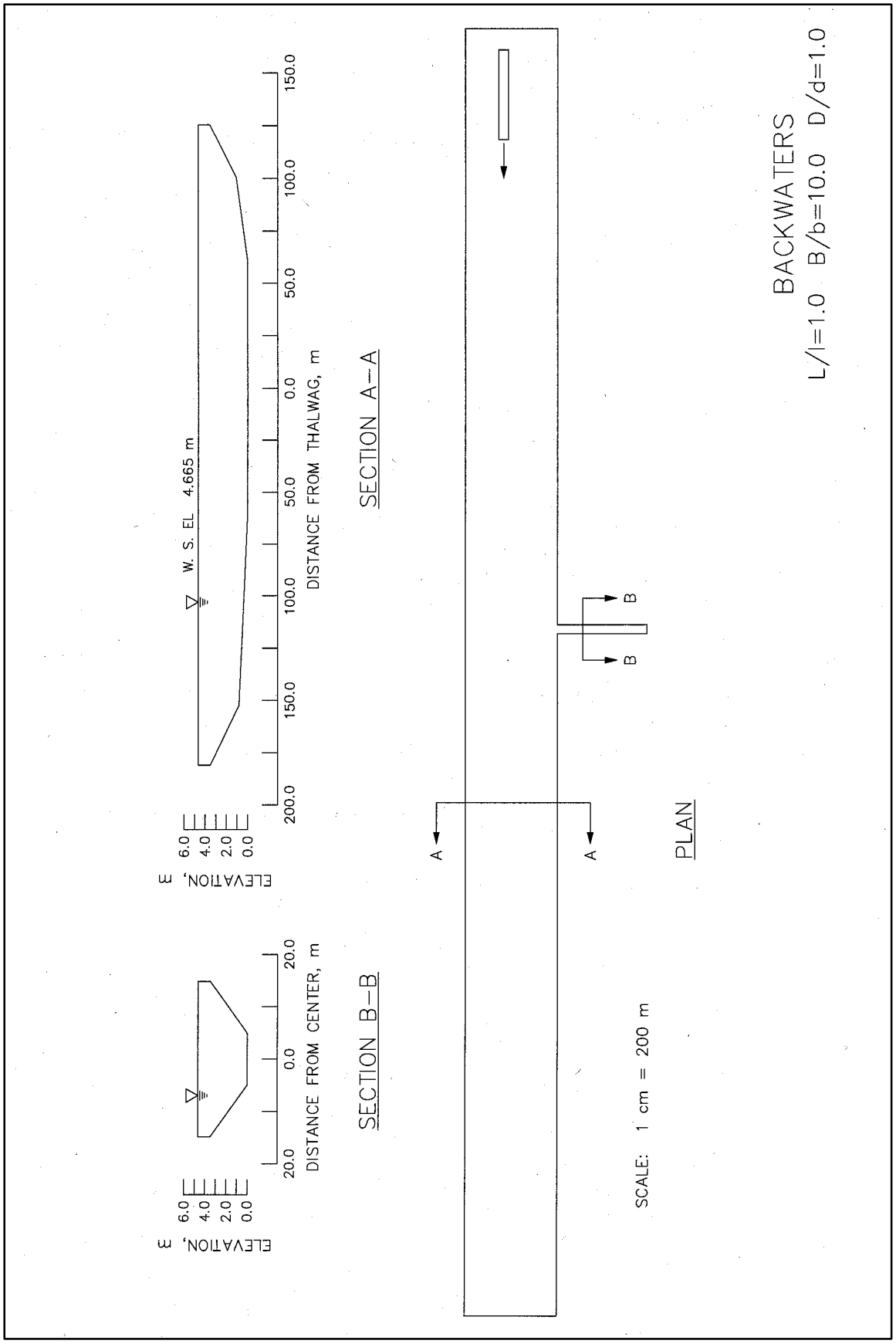
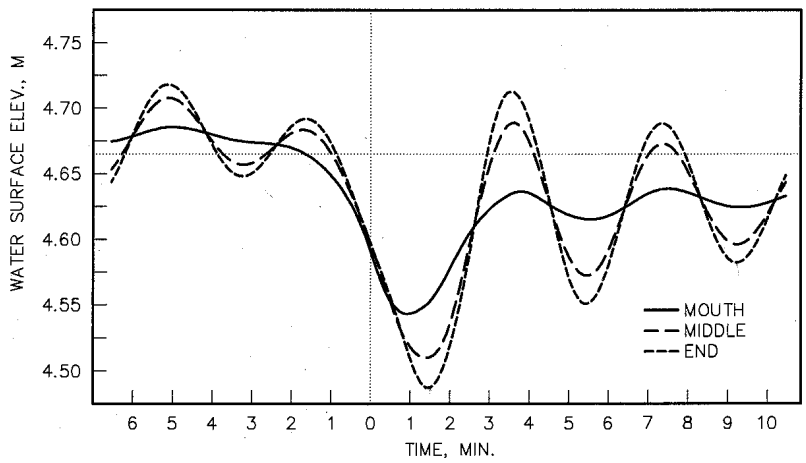
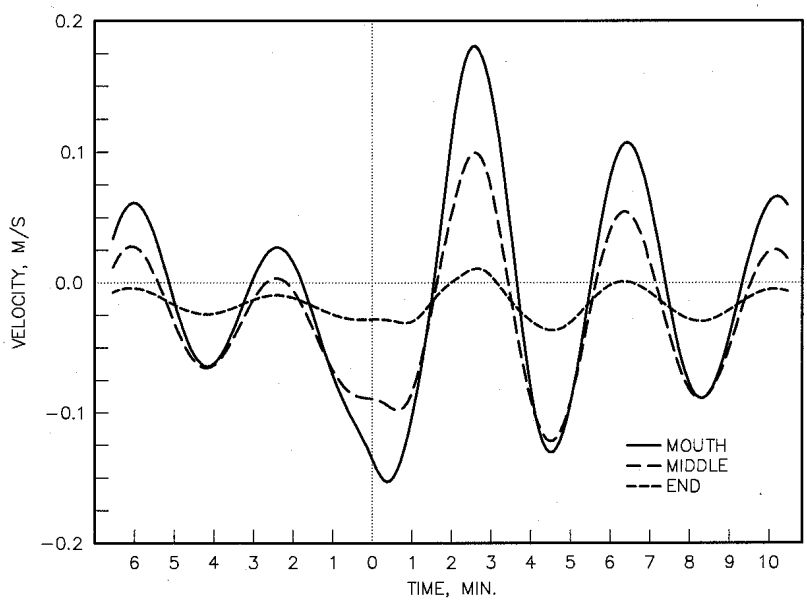

BACKWATERS
L/l=1.0 B/b=10.0 D/d=1.0
SECTION A–A
W. S. EL 4.665 m
DISTANCE FROM THALWAG, m
200.0
150.0
100.0
50.0
0.0
50.0
100.0
150.0
ELEVATION, m
6.0
4.0
2.0
0.0
SECTION B–B
DISTANCE FROM CENTER, m
20.0
0.0
20.0
ELEVATION, m
6.0
4.0
2.0
0.0
PLAN
A
A
B
B
SCALE: 1 cm = 200 m

Plate 116



WATER SURFACE ELEVATION



Y – VELOCITY COMPONENT

TIME–HISTORY

BACKWATERS

L/l=1.0 B/b=10.0 D/d=1.0

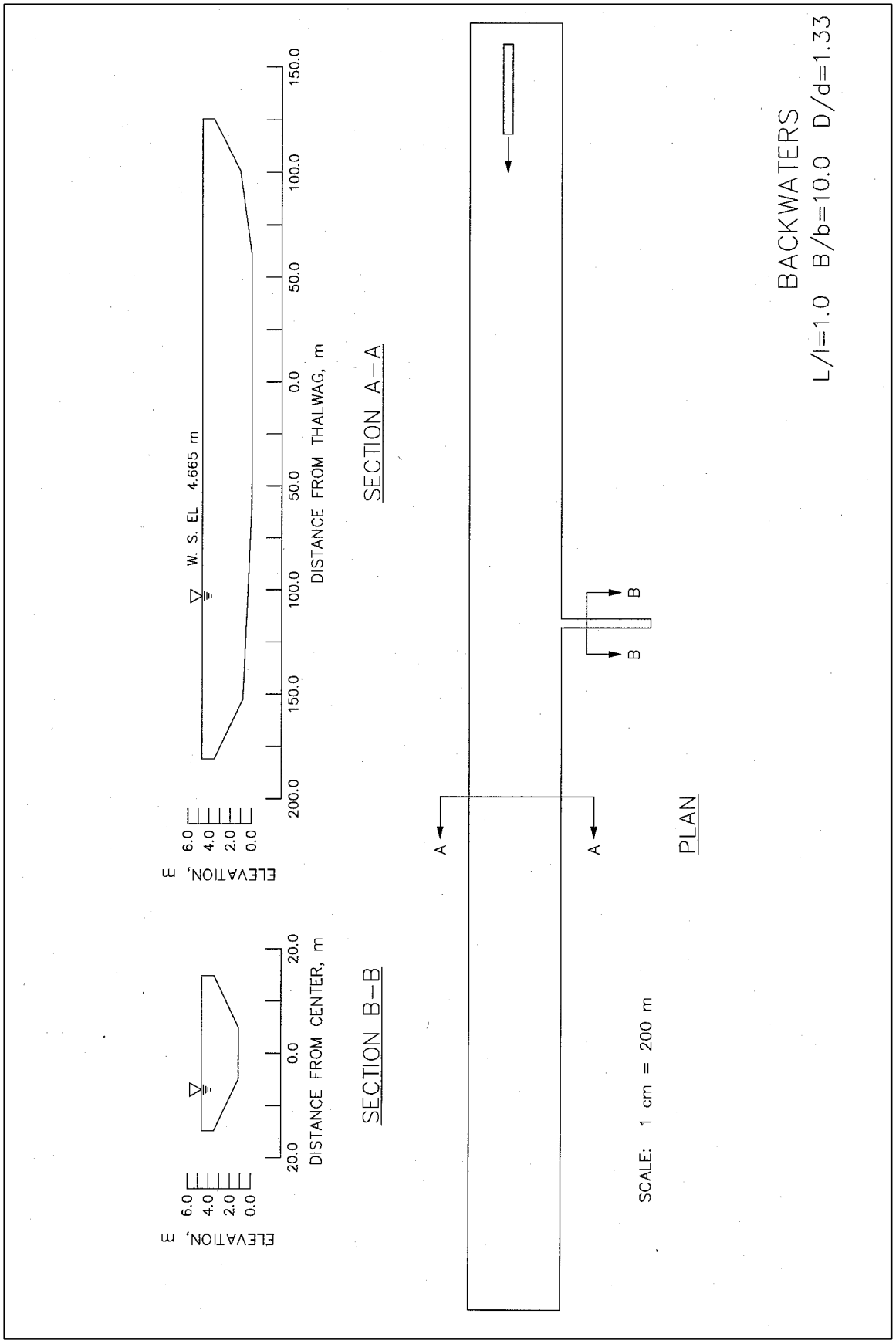
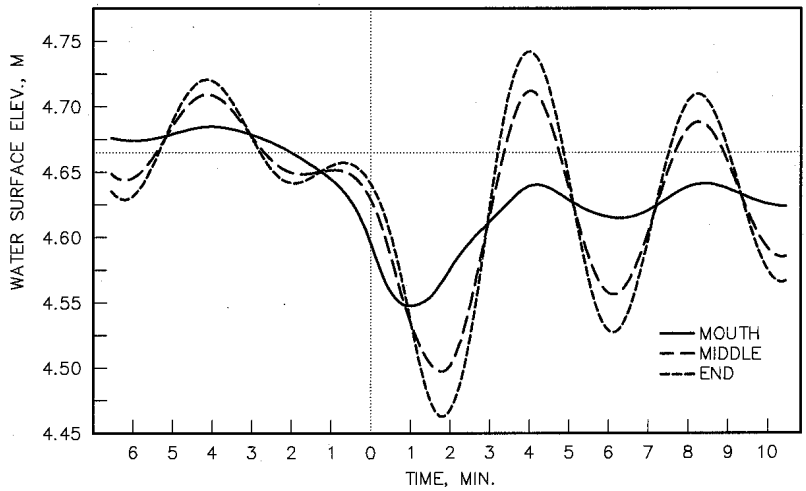
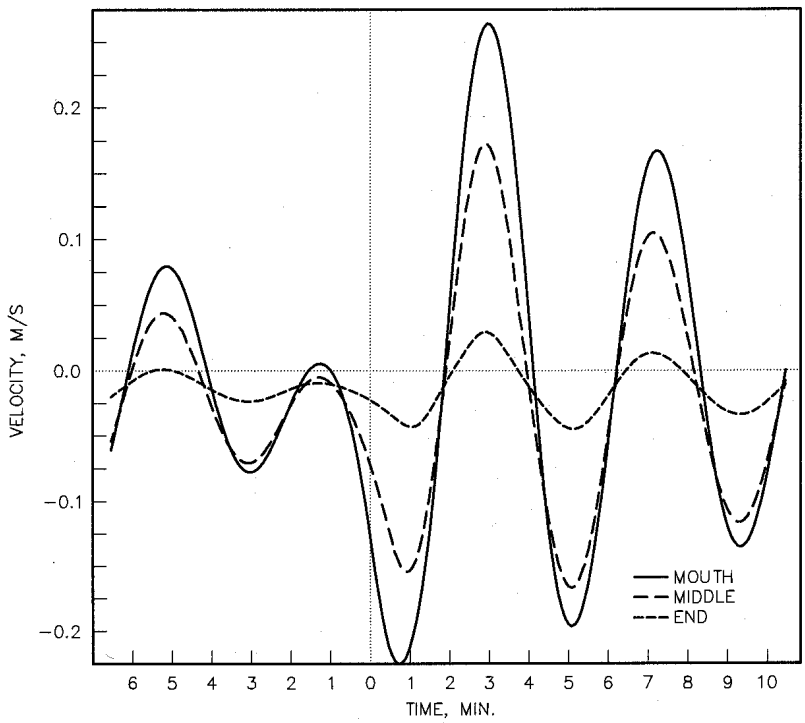

BACKWATERS
L/l=1.0 B/b=10.0 D/d=1.33
W. S. EL 4.665 m
ELEVATION, m
6.0
4.0
2.0
0.0
200.0
150.0
100.0
50.0
0.0
50.0
100.0
150.0
DISTANCE FROM THALWAG, m
SECTION A–A
20.0
0.0
20.0
DISTANCE FROM CENTER, m
SECTION B–B
A
A
B
B
PLAN
SCALE: 1 cm = 200 m

Plate 118



WATER SURFACE ELEVATION



Y – VELOCITY COMPONENT

TIME–HISTORY
BACKWATERS

L/l=1.0 B/b=10.0 D/d=1.33

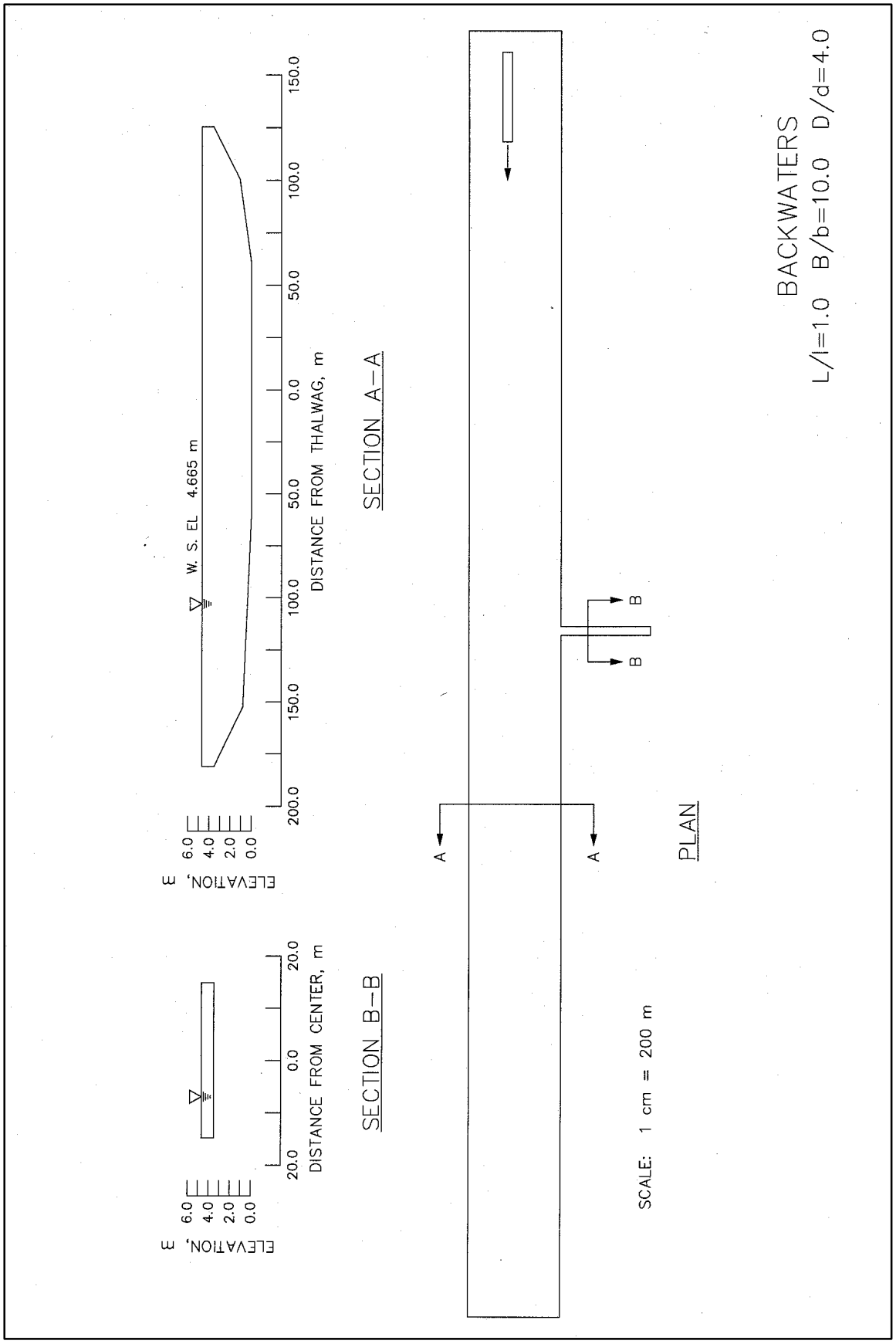
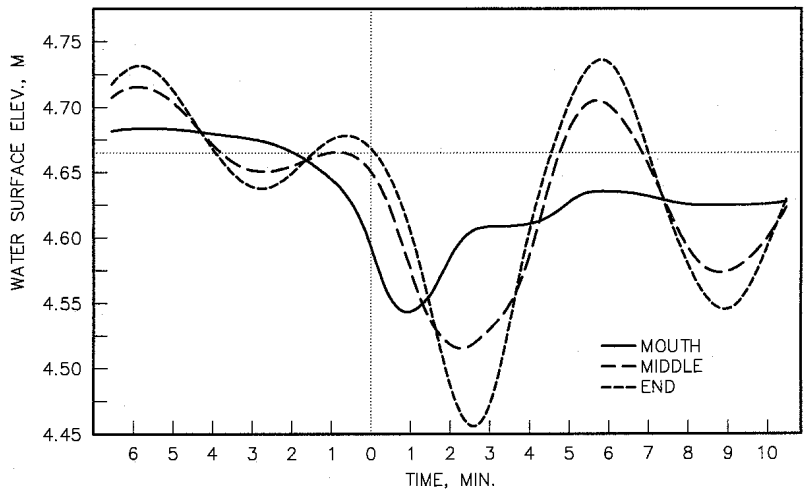
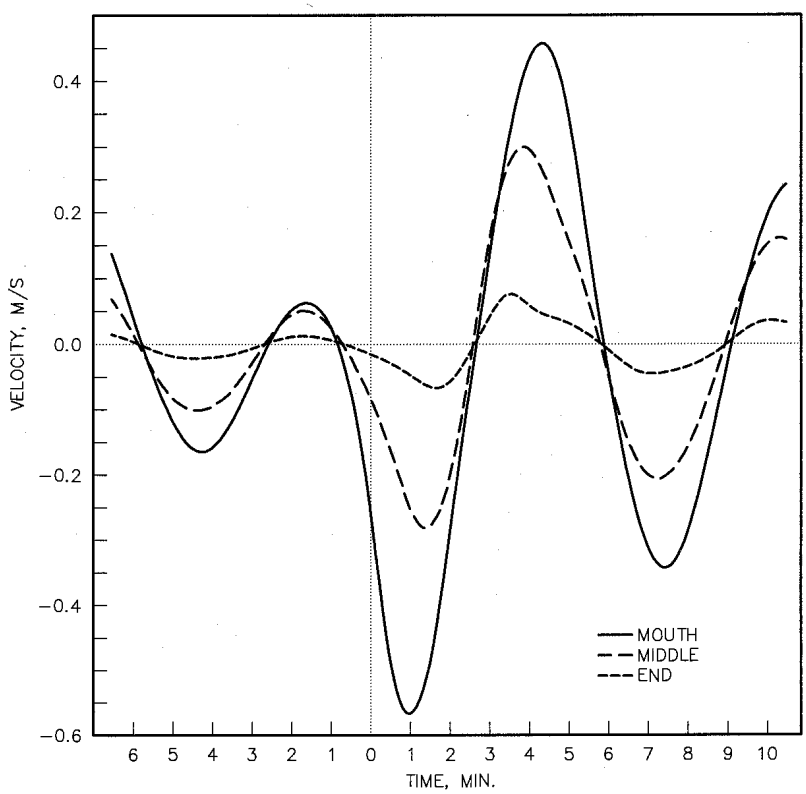

BACKWATERS
L/l=1.0 B/b=10.0 D/d=4.0
PLAN
A
A
B
B
SCALE: 1 cm = 200 m
SECTION A–A
W. S. EL 4.665 m
DISTANCE FROM THALWAG, m
200.0
150.0
100.0
50.0
0.0
50.0
100.0
150.0
ELEVATION, m
6.0
4.0
2.0
0.0
SECTION B–B
DISTANCE FROM CENTER, m
20.0
0.0
20.0
ELEVATION, m
6.0
4.0
2.0
0.0

Plate 120



WATER SURFACE ELEVATION



Y – VELOCITY COMPONENT

TIME–HISTORY

BACKWATERS

L/l=1.0 B/b=10.0 D/d=4.0

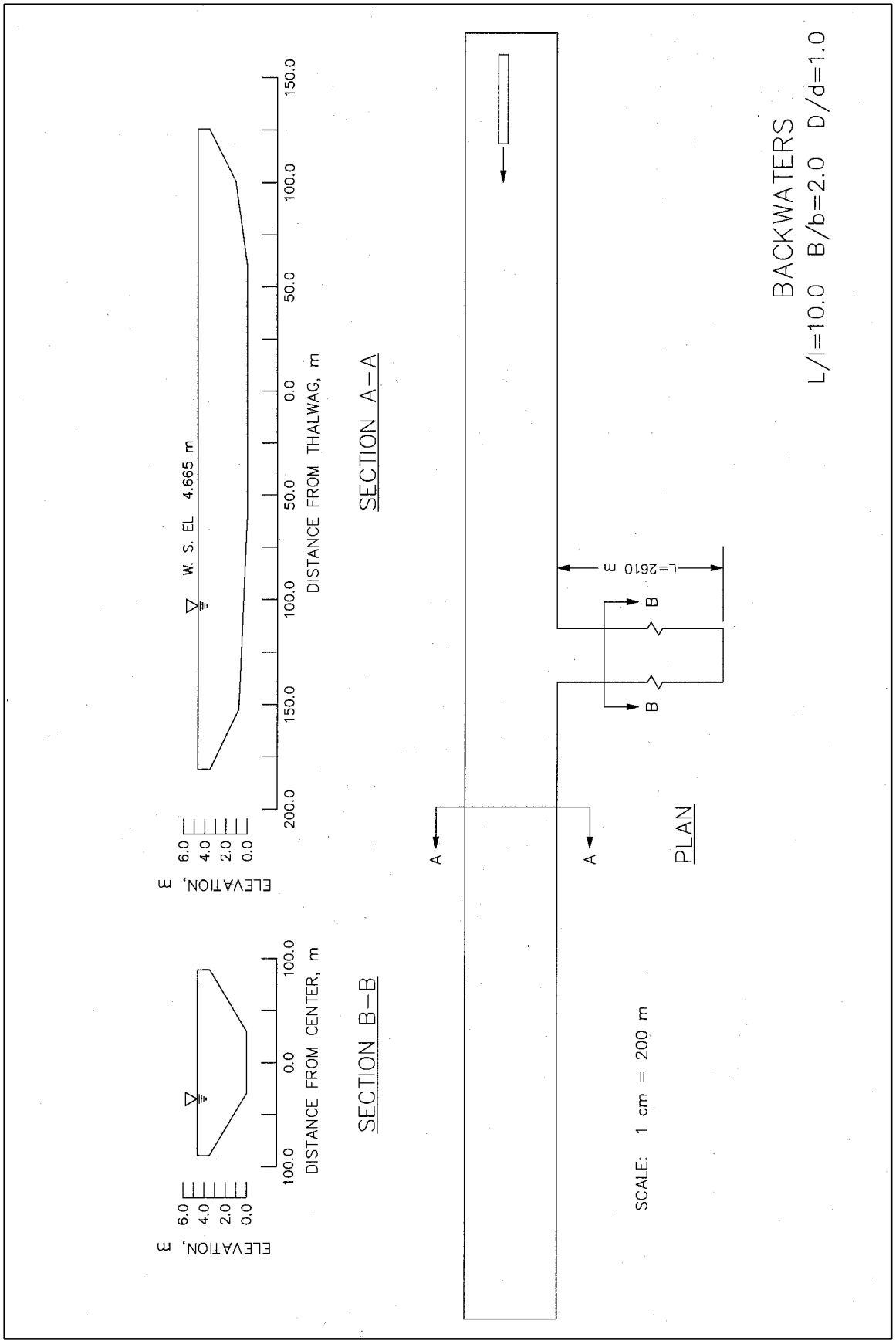
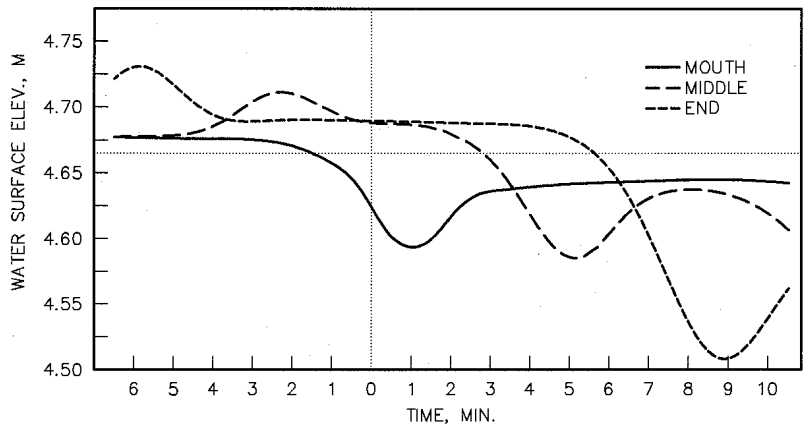
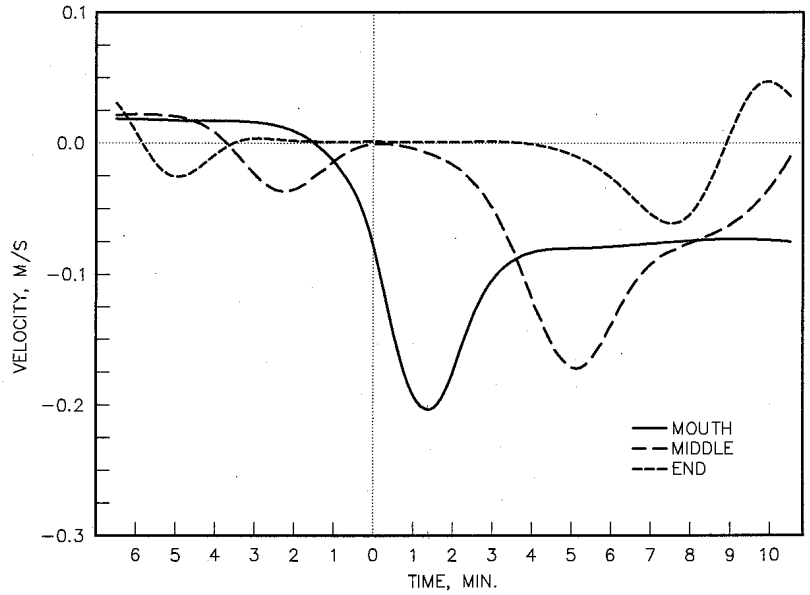

BACKWATERS
L/l=10.0 B/b=2.0 D/d=1.0
SECTION A–A
W. S. EL 4.665 m
DISTANCE FROM THALWAG, m
ELEVATION, m
SECTION B–B
DISTANCE FROM CENTER, m
ELEVATION, m
PLAN
L=2610 m
A
A
B
B
SCALE: 1 cm = 200 m

Plate 122



WATER SURFACE ELEVATION



Y – VELOCITY COMPONENT

TIME–HISTORY
BACKWATERS
L/l=10.0 B/b=2.0 D/d=1.0

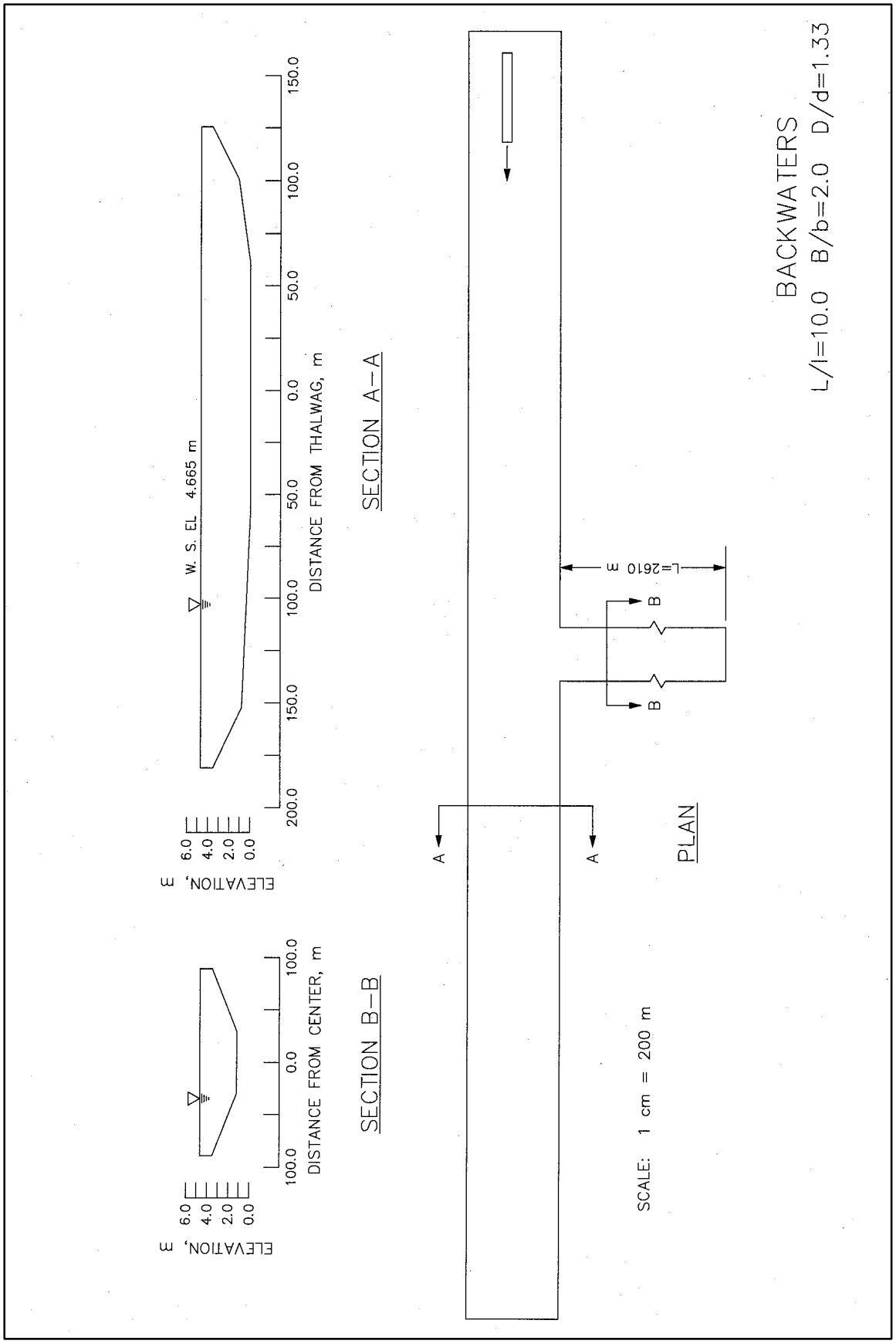
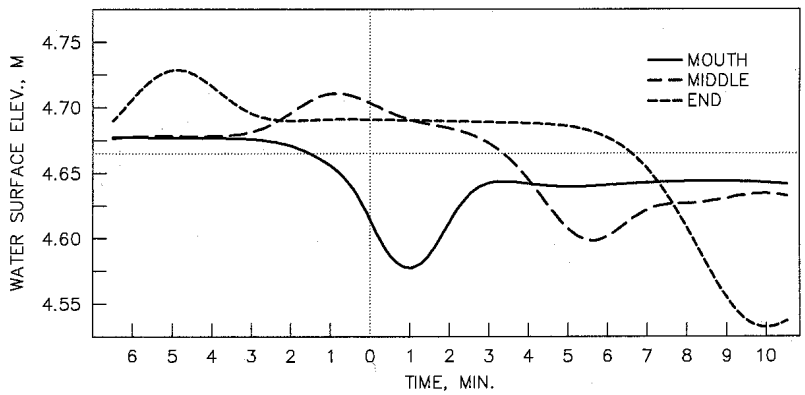
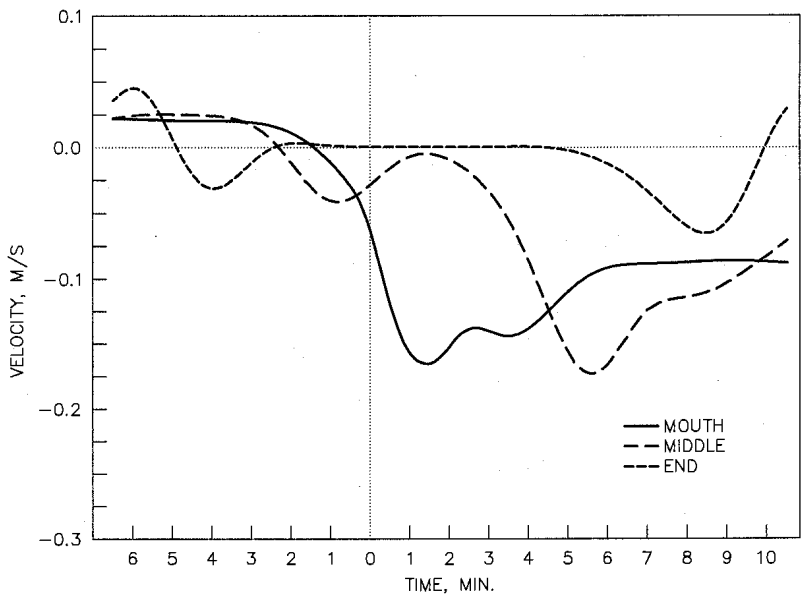

BACKWATERS
L/l=10.0 B/b=2.0 D/d=1.33
SECTION A–A
W. S. EL 4.665 m
DISTANCE FROM THALWAG, m
ELEVATION, m
SECTION B–B
DISTANCE FROM CENTER, m
ELEVATION, m
PLAN
L=2610 m
A
A
B
B
SCALE: 1 cm = 200 m

Plate 124



WATER SURFACE ELEVATION



Y − VELOCITY COMPONENT

TIME−HISTORY

BACKWATERS

L/l=10.0 B/b=2.0 D/d=1.33

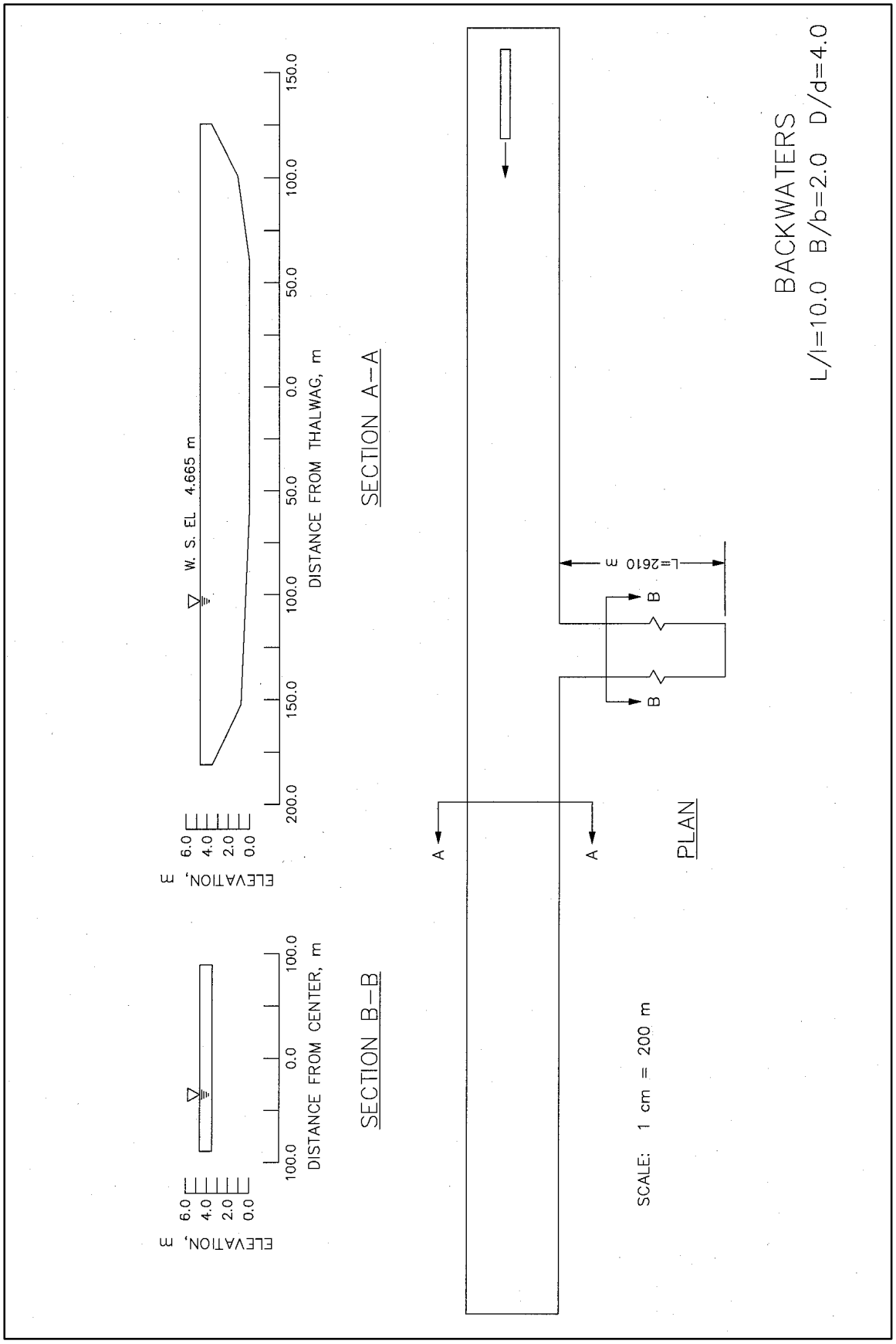
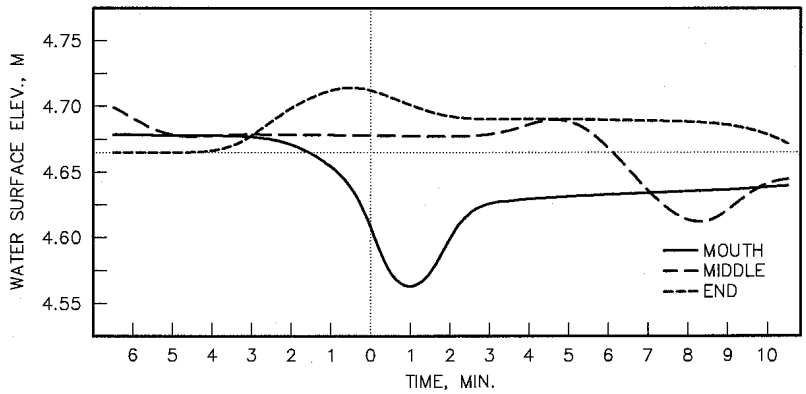
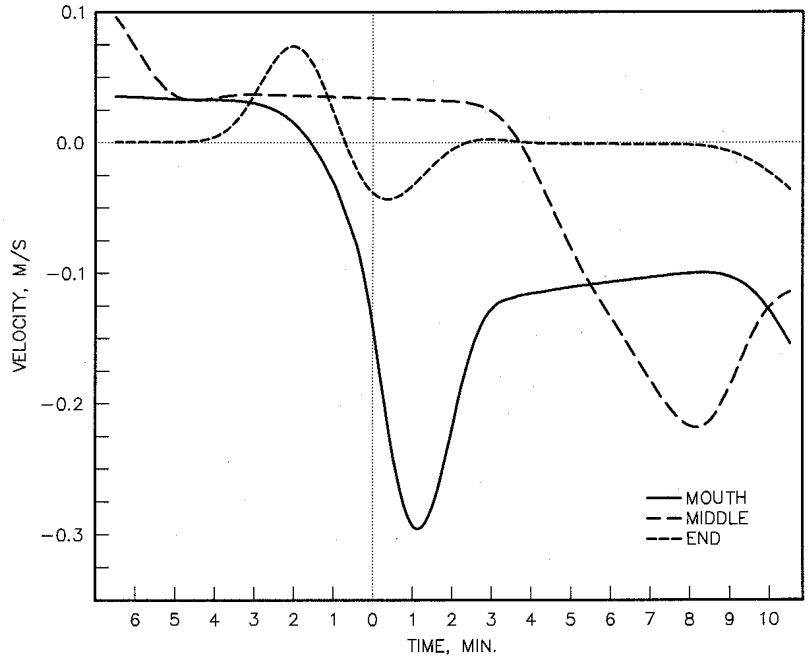

BACKWATERS
L/l=10.0 B/b=2.0 D/d=4.0
SECTION A–A
W. S. EL 4.665 m
DISTANCE FROM THALWAG, m
ELEVATION, m
SECTION B–B
DISTANCE FROM CENTER, m
ELEVATION, m
PLAN
L=2610 m
A
A
B
B
SCALE: 1 cm = 200 m

Plate 126



WATER SURFACE ELEVATION



Y − VELOCITY COMPONENT

TIME−HISTORY

BACKWATERS

L/l=10.0 B/b=2.0 D/d=4.0

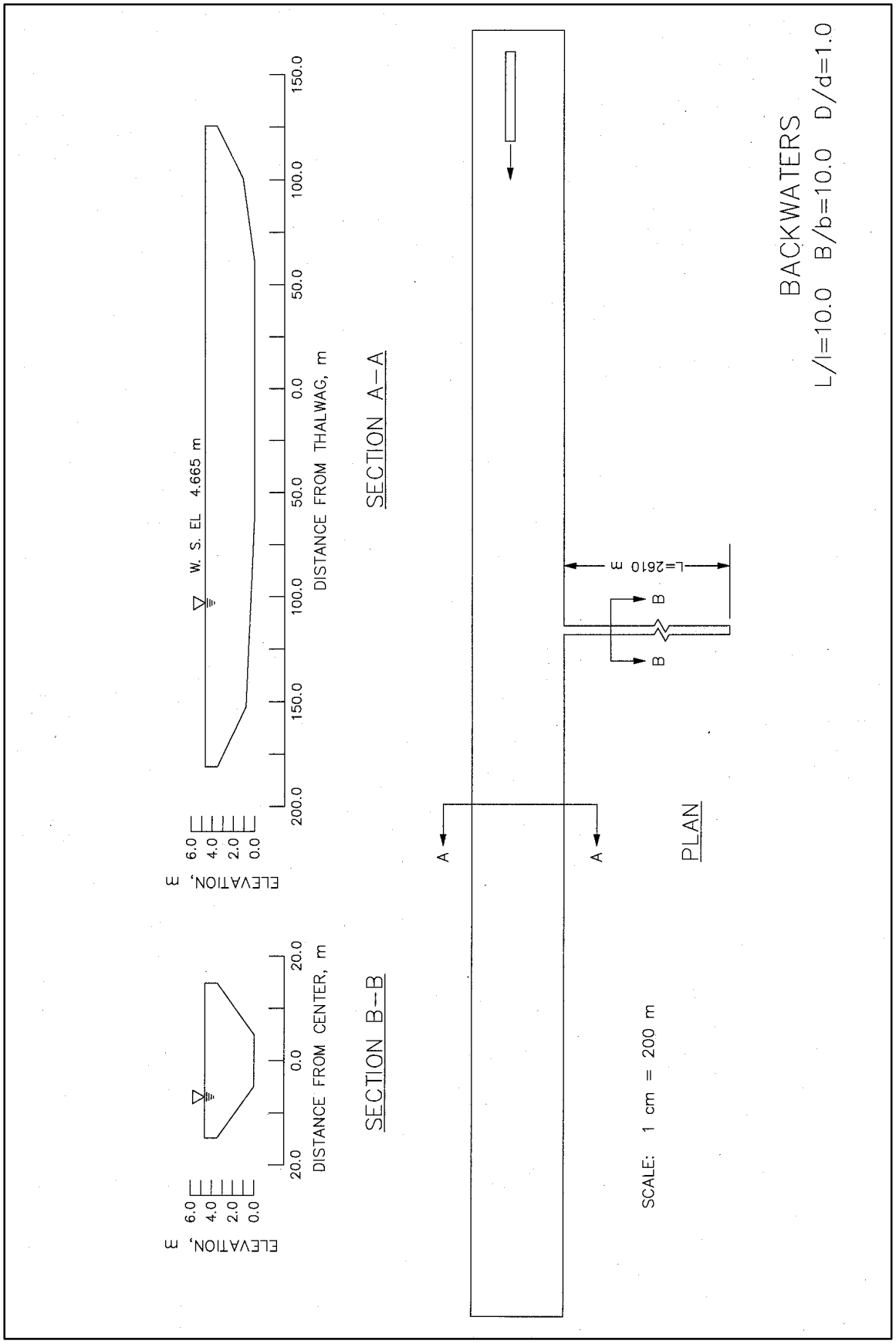
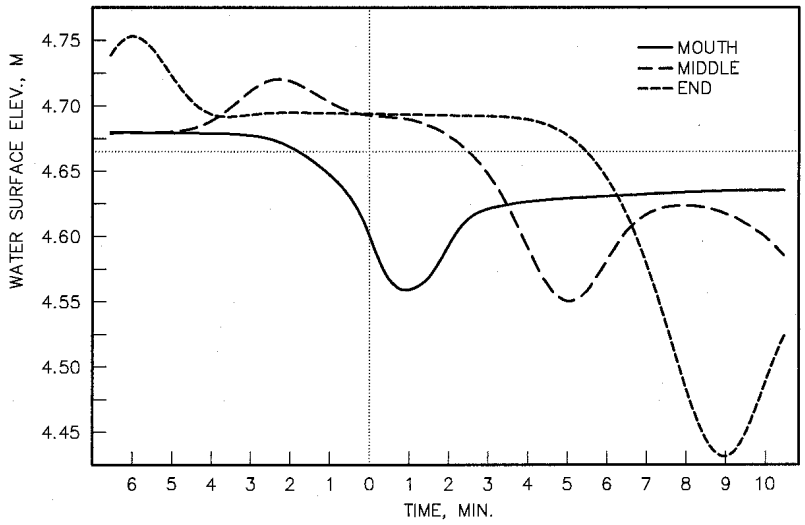
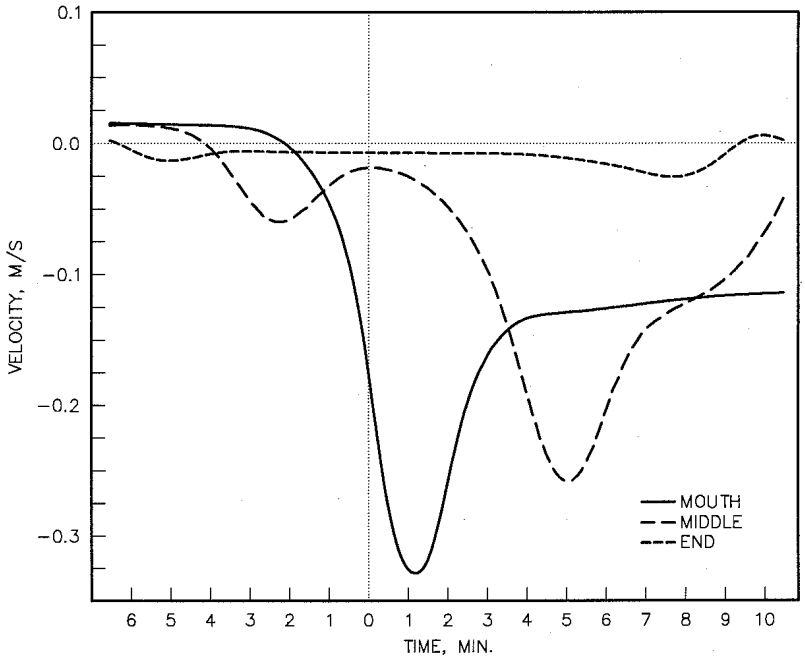

BACKWATERS
L/l=10.0 B/b=10.0 D/d=1.0
SECTION A–A
W. S. EL 4.665 m
DISTANCE FROM THALWAG, m
ELEVATION, m
SECTION B–B
DISTANCE FROM CENTER, m
ELEVATION, m
PLAN
L=2610 m
A
A
B
B
SCALE: 1 cm = 200 m

Plate 128



WATER SURFACE ELEVATION



Y − VELOCITY COMPONENT

TIME−HISTORY

BACKWATERS

L/l=10.0 B/b=10.0 D/d=1.0

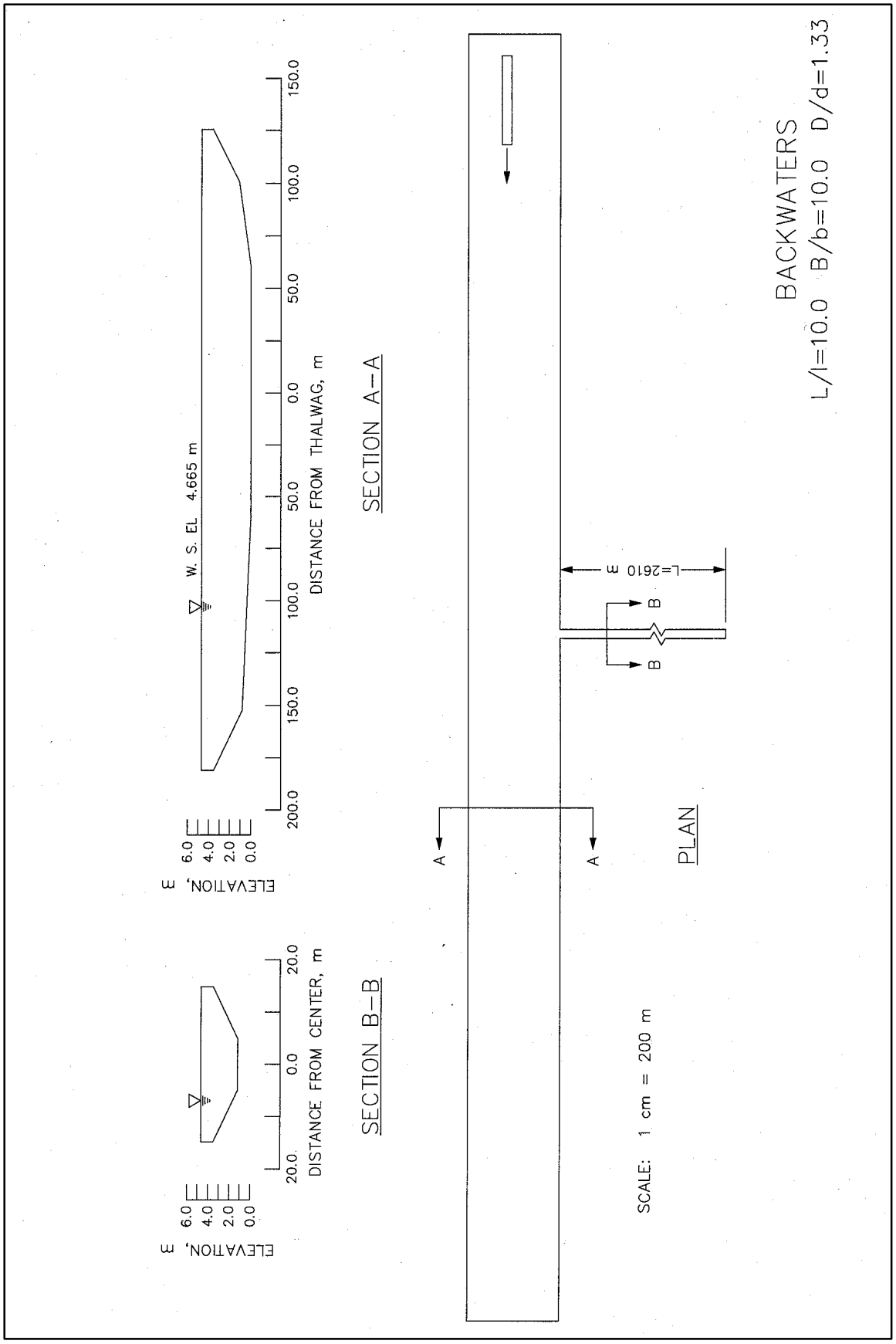
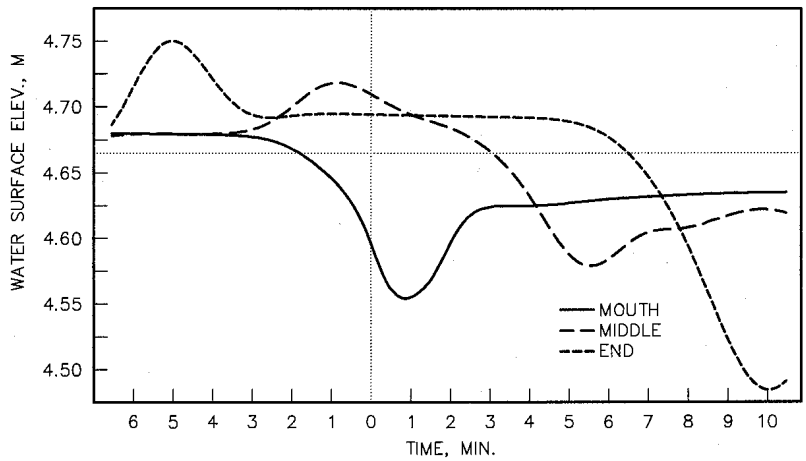
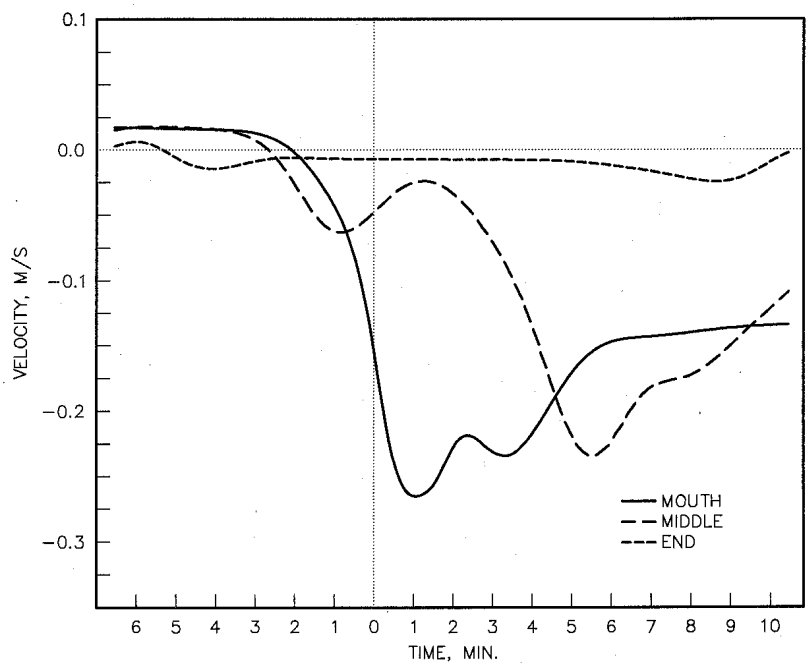

BACKWATERS
L/l=10.0 B/b=10.0 D/d=1.33
SECTION A–A
W. S. EL 4.665 m
DISTANCE FROM THALWAG, m
ELEVATION, m
SECTION B–B
DISTANCE FROM CENTER, m
ELEVATION, m
PLAN
L=2610 m
A
A
B
B
SCALE: 1 cm = 200 m

Plate 130



WATER SURFACE ELEVATION



Y – VELOCITY COMPONENT

TIME–HISTORY

BACKWATERS

L/l=10.0 B/b=10.0 D/d=1.33

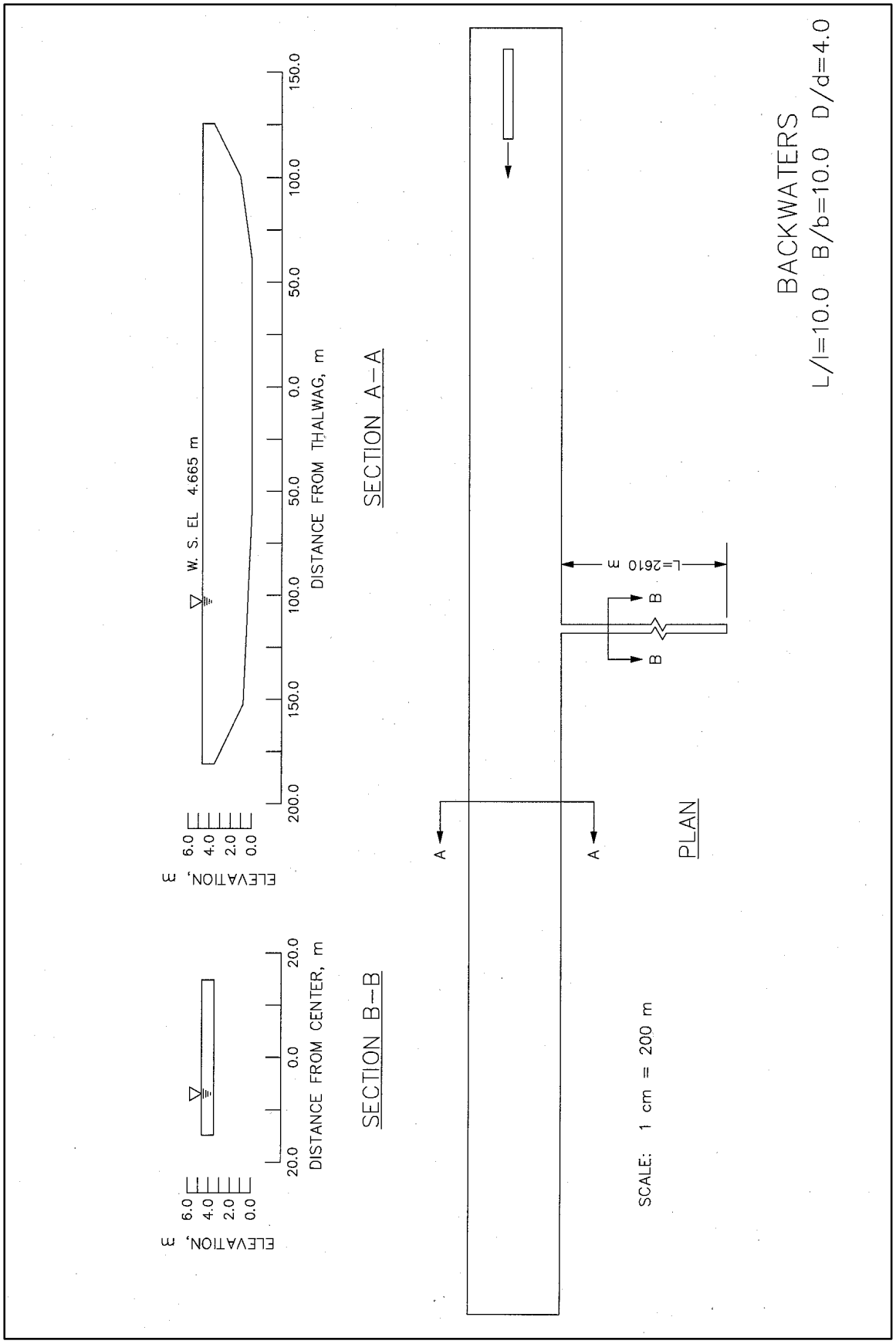
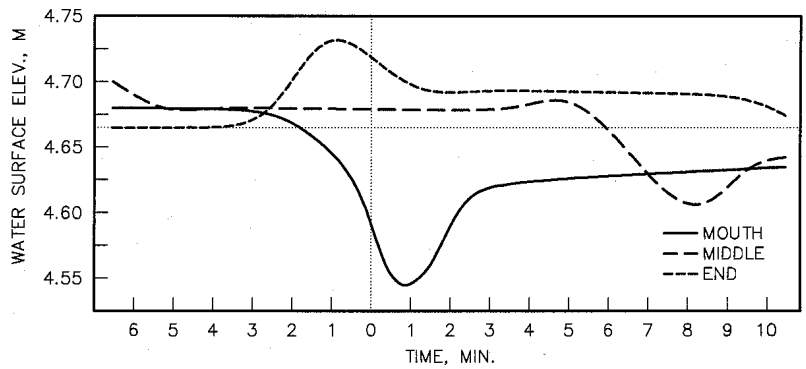
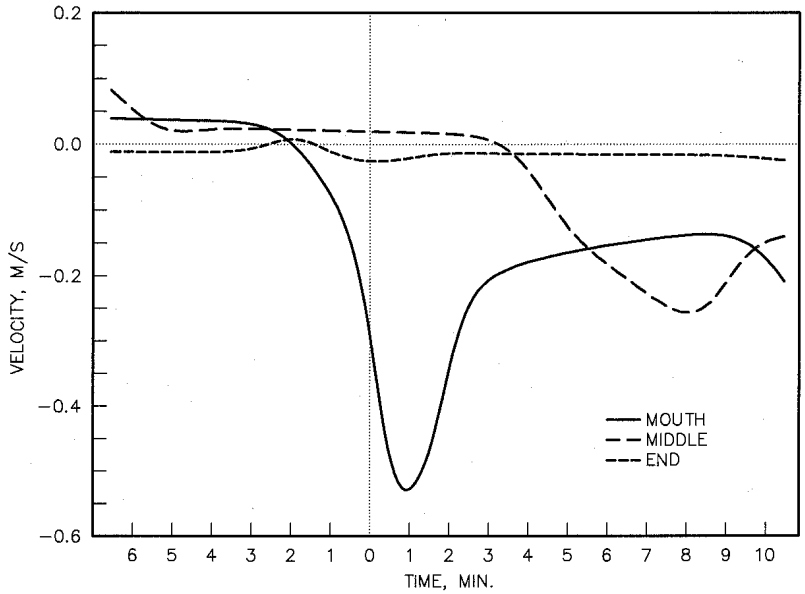

BACKWATERS
L/l=10.0 B/b=10.0 D/d=4.0
SECTION A–A
W. S. EL 4.665 m
DISTANCE FROM THALWAG, m
ELEVATION, m
SECTION B–B
DISTANCE FROM CENTER, m
ELEVATION, m
PLAN
L=2610 m
A
A
B
B
SCALE: 1 cm = 200 m

Plate 132



WATER SURFACE ELEVATION



Y – VELOCITY COMPONENT

TIME–HISTORY

BACKWATERS

L/l=10.0 B/b=10.0 D/d=4.0