PROJECT REFERENCE NO.	SHEET NO.
R-3113	2-D
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

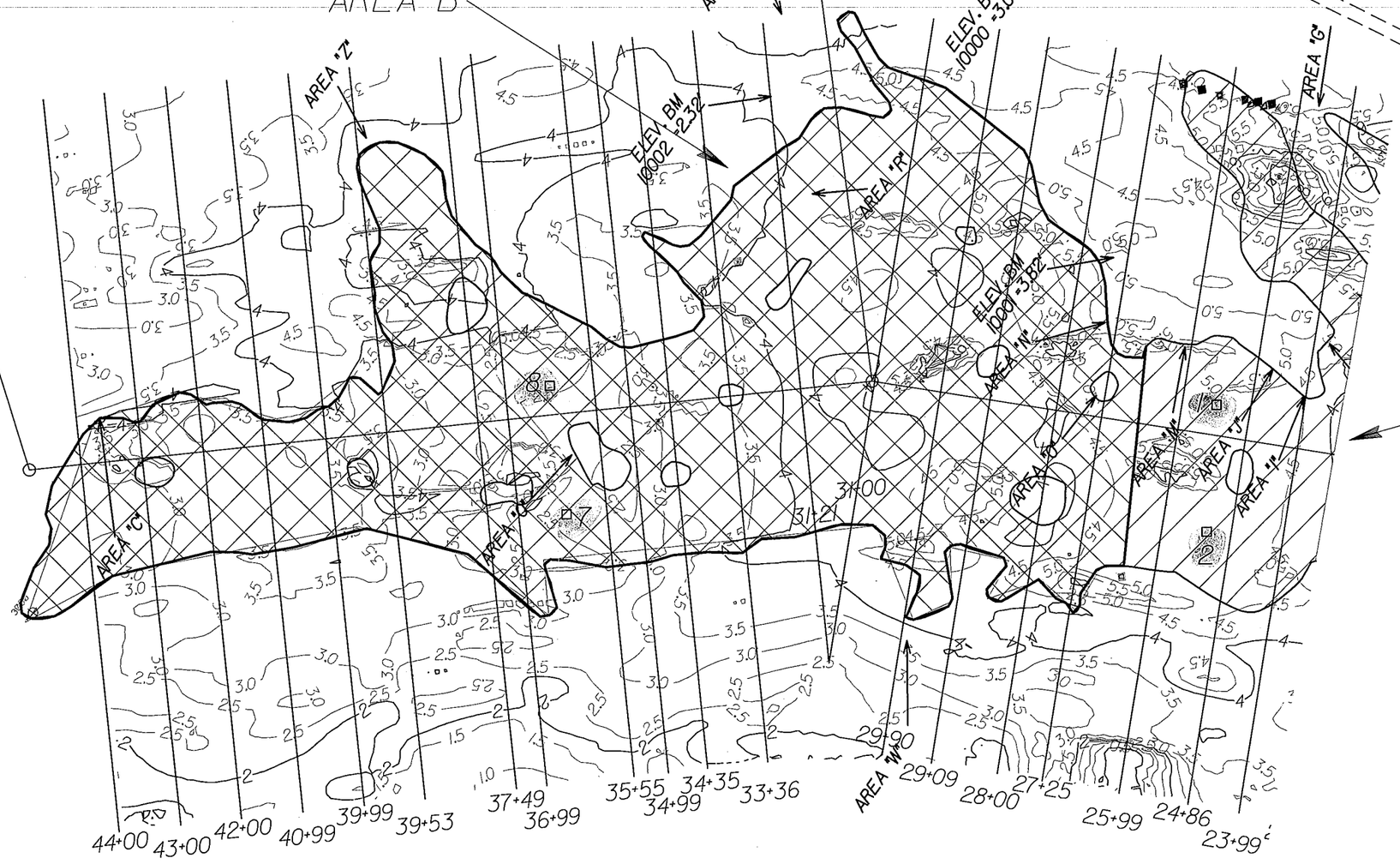
DEPARTMENT OF TRANSPORTATION

MITIGATION PLAN

TO OREGON INLET — NC 12 — TO RODANTHE

PINC. STA. 21+04.20 -BL-
N 704,200.0000
E 3,047,175.0000

STA. 44+84.87 -BL-
N 705,225.0000
E 3,046,250.0000



AREA A

NOTE:

AREA A: TO BE PLANTED 6 FT. ON CENTER, RANDOM MIX.
PANCIUM AMARUM
PANICUM AMARULUM

AREA B: TO BE PLANTED 3 FT. ON CENTER, RANDOM MIX:
SCIRPUS AMERICANUM
SCIRPUS ROBUSTUS

AREA A + B: TO BE SEEDED OVER ENTIRE AREA:
10# BIDENS ARISTOSA
500# FERTILIZER
2000# MULCH (HYDROMULCH)

APPROXIMATE LOCATION OF VEGETATION PLOTS (15' x 15')

DETAIL OF MITIGATION SITE

(LOCATED APPROX. 2.6 MILES SOUTH OF STA. 192+00)

GRAPHIC SCALE
100 50 0 100 200
PLANS

ROADSIDE ENVIRONMENTAL UNIT
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

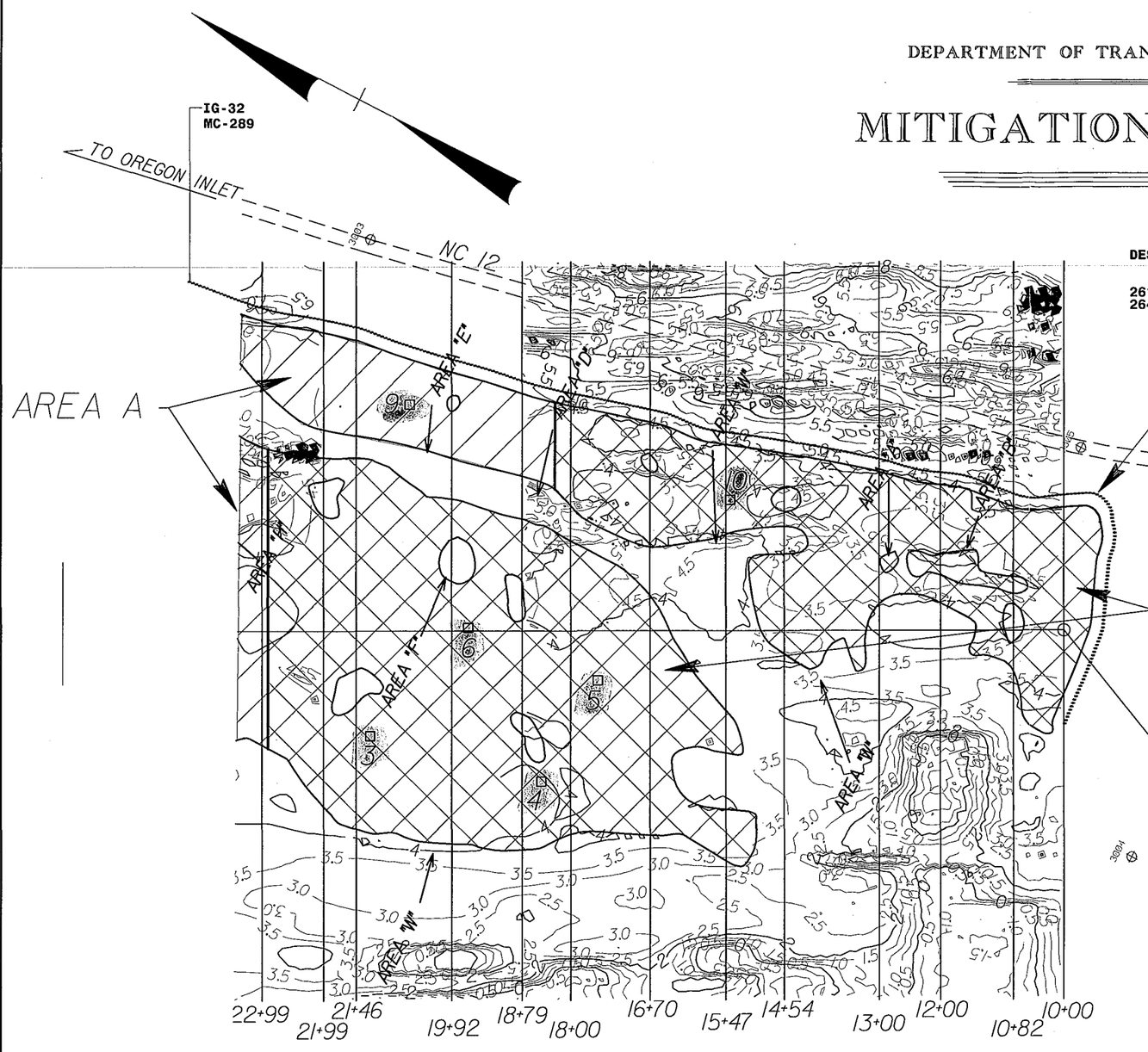
1990 STANDARD SPECIFICATIONS

$$$$$$SYSTIME$$$$$
$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$

PROJECT REFERENCE NO.	SHEET NO.
R-3113	2-E
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

DEPARTMENT OF TRANSPORTATION

MITIGATION PLAN



PLANT LIST

DES	SEC	QTY	UNIT	KEY	BOTANICAL NAME	COMMON NAME	SIZE	FURNISH	A.S.N.S	REMARKS
2619	894	32	EA	IG	ILEX GLABRA	INKBERRY	12-15"	#1 CONT.	4.1.3.4	6' O.C.
2643	894	289	EA	MC	MYRICA CERIFERA	WAXMYRTLE	12-15"	#1 CONT.	4.1.3.4	6' O.C.

NOTE:

* **THE ILEX GLABRA AND MYRICA CERIFERA ARE TO BE RANDOMLY MIXED.**
* **FOR PLANTING DETAILS SEE THE LANDSCAPE PLANTING DETAIL SHEET.**

NOTE:

AREA A: TO BE PLANTED 6 FT. ON CENTER, RANDOM MIX.
PANICUM AMARUM, APPROXIMATE TOTAL PLANTS = 3750
PANICUM AMARULUM, APPROXIMATE TOTAL PLANTS = 3750

AREA B: TO BE PLANTED 3 FT. ON CENTER, RANDOM MIX:
SCIRPUS AMERICANUM, APPROXIMATE TOTAL PLANTS = 76,000
SCIRPUS ROBUSTUS, APPROXIMATE TOTAL PLANTS = 76,000

AREA A + B: TO BE SEEDED OVER ENTIRE AREA:
10# BIDENS ARISTOSA
500# FERTILIZER
2000# MULCH (HYDROMULCH)

APPROXIMATE LOCATION OF VEGETATION PLOTS (15' x 15')

DETAIL OF MITIGATION SITE

(LOCATED APPROX. 2.6 MILES SOUTH OF STA. 192+00)

GRAPHIC SCALE

100 50 0 100 200

PLANS

ROADSIDE ENVIRONMENTAL UNIT
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.
1990 STANDARD SPECIFICATIONS

$$$$$$$SYSTIME$$$$$
$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$

DEPARTMENT OF TRANSPORTATION

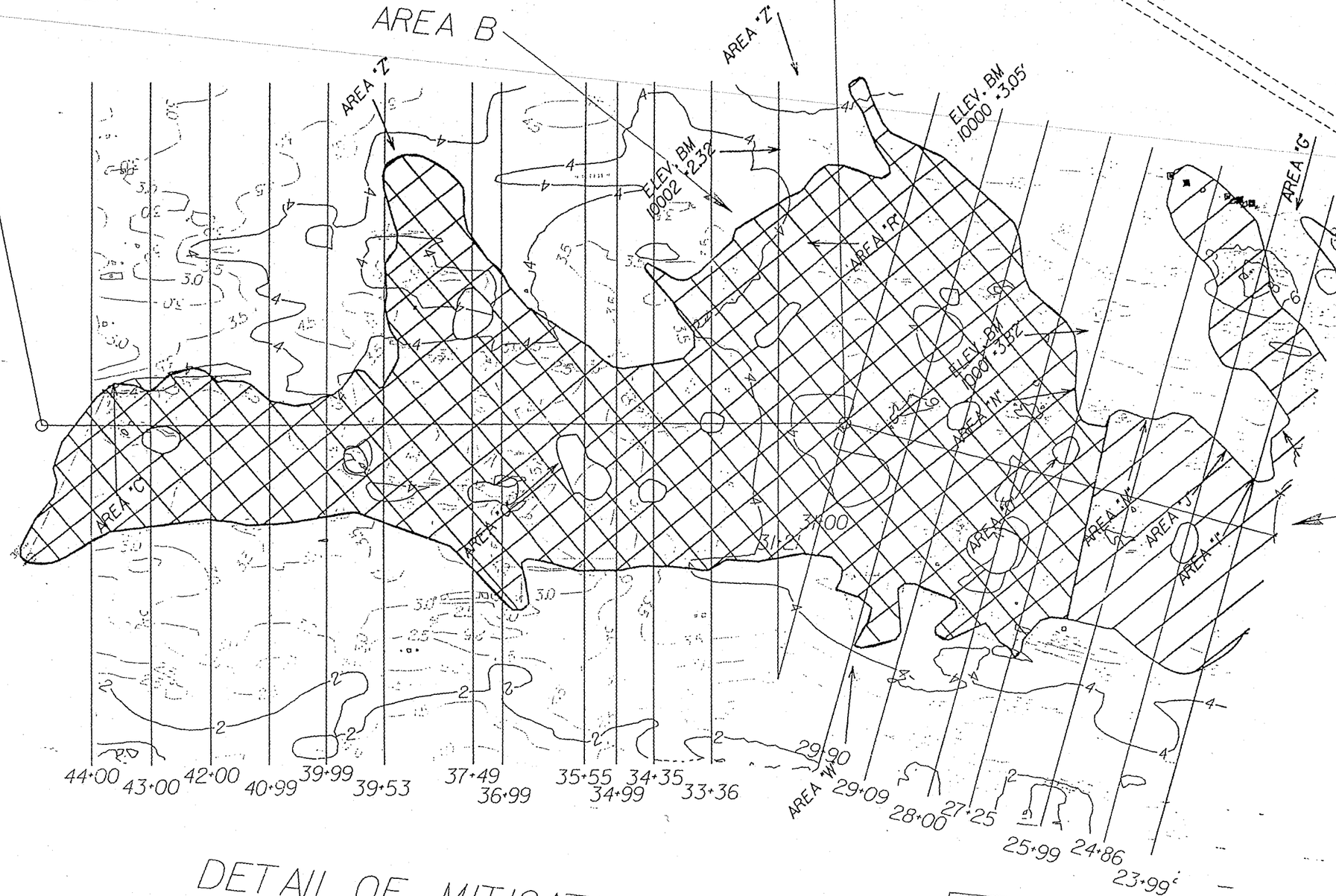
MITIGATION PLAN

HIGHWAY DESIGN ENGINEER

OREGON INLET — NC 12 — TO RODANTHE

PINC. STA. 21+04.20 -BL-
N 704,200.0000
E 3,047,175.0000

STA. 44+84.87 -BL-
N 705,225.0000
E 3,046,250.0000



NOTE:

AREA A: TO BE PLANTED 6 FT. ON CENTER, RANDOM MIX.
- PANICUM AMARUM
- PANICUM AMARULUM

AREA B: TO BE PLANTED 3 FT. ON CENTER, RANDOM MIX:
- SCIRPUS AMERICANUM
- SCIRPUS ROBUSTUS

AREA A + B: TO BE SEEDED OVER ENTIRE AREA:
- 10# BIDENS ARISTOSA
- 500# FERTILIZER
- 2000# MULCH (HYDROMULCH)

DETAIL OF MITIGATION SITE

(LOCATED APPROX. 2.6 MILES SOUTH OF STA. 192+00)

GRAPHIC SCALE
100 50 0 100 200
PLANS

ROADSIDE ENVIRONMENTAL UNIT
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

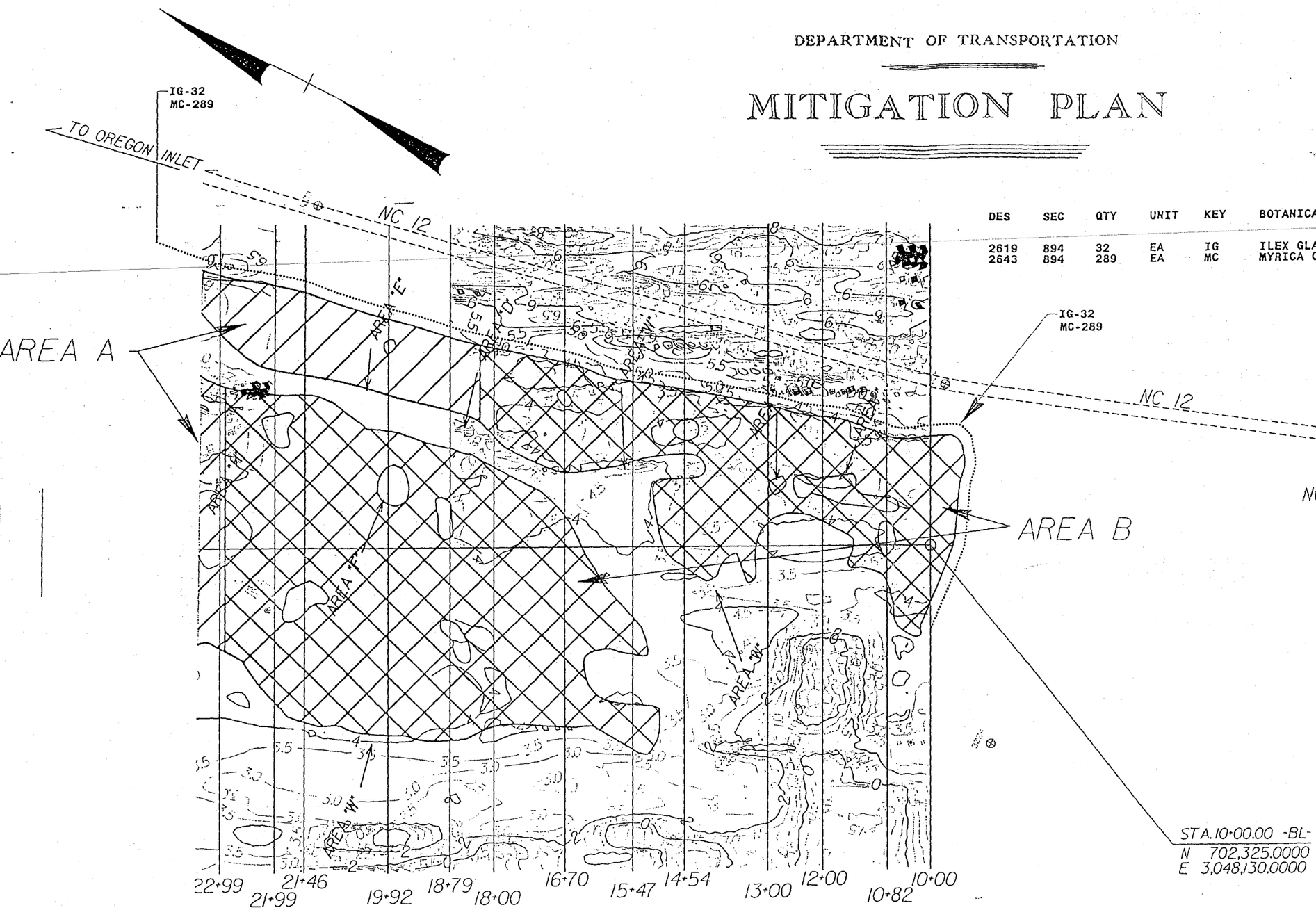
1990 STANDARD SPECIFICATIONS

DEPARTMENT OF TRANSPORTATION

MITIGATION PLAN

ROADWAY DESIGN ENGINEER

R-3613



PLANT LIST

DES	SEC	QTY	UNIT	KEY	BOTANICAL NAME	COMMON NAME	SIZE	FURNISH	A.S.N.S	REM.
2619	894	32	EA	IG	ILEX GLABRA	INKBERRY	12-15"	#1 CONT.	4.1.3.4	6' C
2643	894	289	EA	MC	MYRICA CERIFERA	WAXMYRTLE	12-15"	#1 CONT.	4.1.3.4	6' C

NOTE:

* THE ILEX GLABRA AND MYRICA CERIFERA ARE TO BE RANDOMLY MIXED.
* FOR PLANTING DETAILS SEE THE LANDSCAPE PLANTI DETAIL SHEET.

NOTE:

AREA A: TO BE PLANTED 6 FT.ON CENTER,RANDOM MIX.
PANICUM AMARUM. APPROXIMATE TOTAL PLANTS - ~~3750~~
PANICUM AMARULUM. APPROXIMATE TOTAL PLANTS - ~~3750~~

AREA B: TO BE PLANTED 3 FT.ON CENTER,RANDOM MIX:
SCIRPUS AMERICANUM. APPROXIMATE TOTAL PLANTS - ~~76,000~~
SCIRPUS ROBUSTUS. APPROXIMATE TOTAL PLANTS - ~~76,000~~

AREA A - B: TO BE SEEDED OVER ENTIRE AREA:
10# BIDENS ARISTOSA
500# FERTILIZER
2000# MULCH (HYDROMULCH)

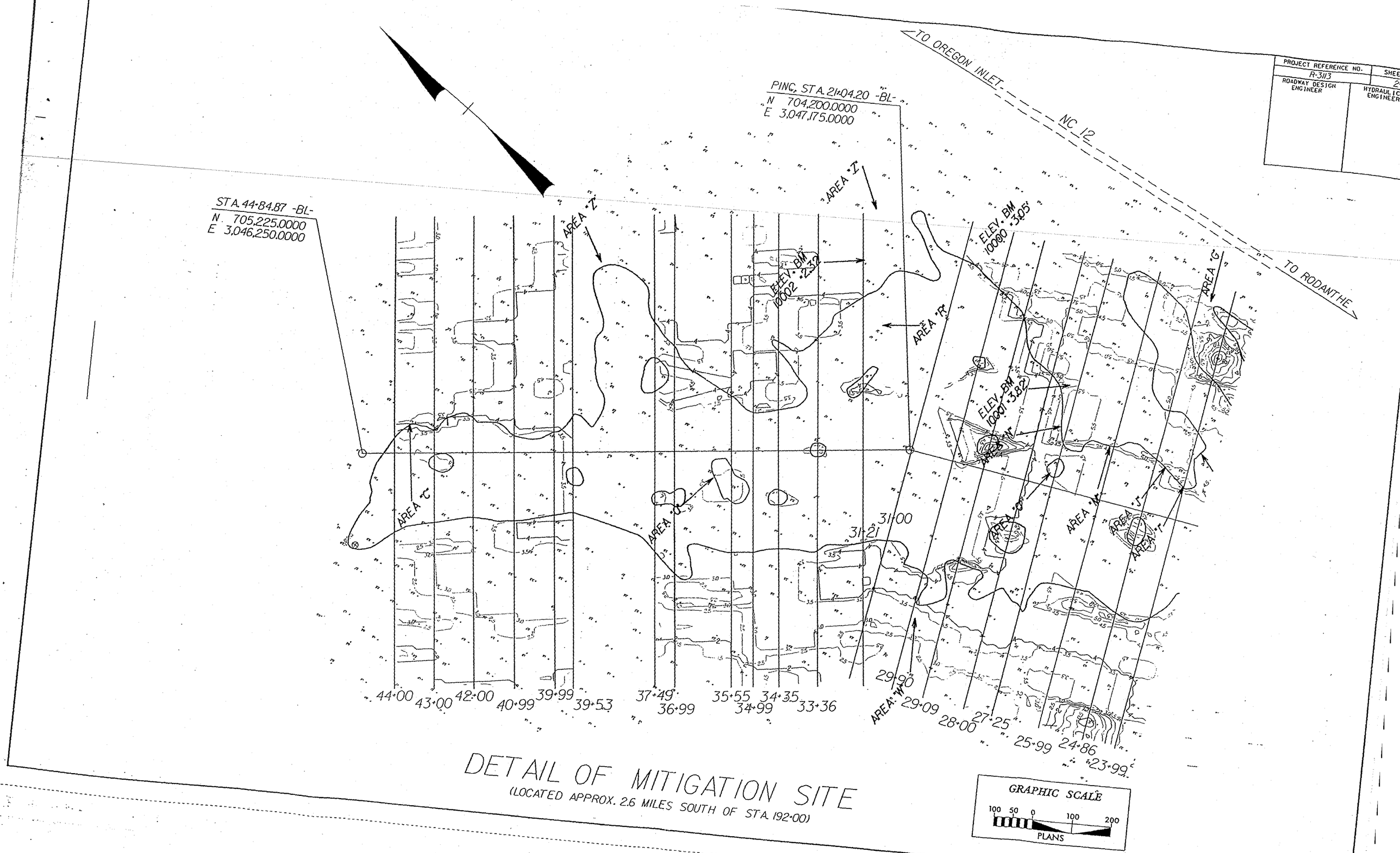
DETAIL OF MITIGATION SITE

(LOCATED APPROX. 2.6 MILES SOUTH OF STA. 192+00)

GRAPHIC SCALE
100 50 0 100 200
PLANS

ROADSIDE ENVIRONMENTAL UNIT
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

1990 STANDARD SPECIFICATIONS

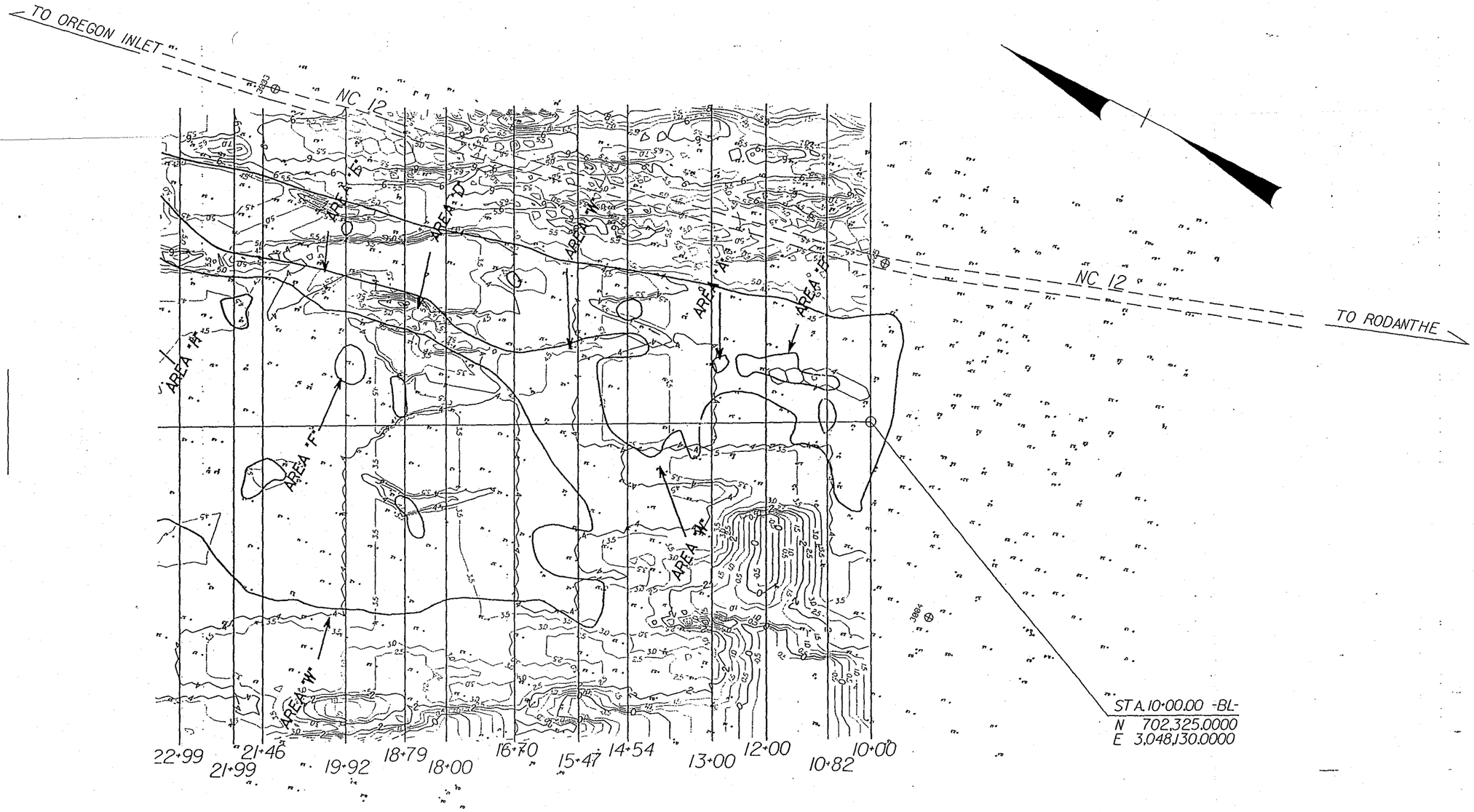


DETAIL OF MITIGATION SITE

(LOCATED APPROX. 2.6 MILES SOUTH OF STA. 192+00)

7-JUN-1995 12:04

PROJECT REFERENCE NO.	SHEET NO.
R-3113	2-E
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



DETAIL OF MITIGATION SITE

(LOCATED APPROX. 2.6 MILES SOUTH OF STA. 192+00)

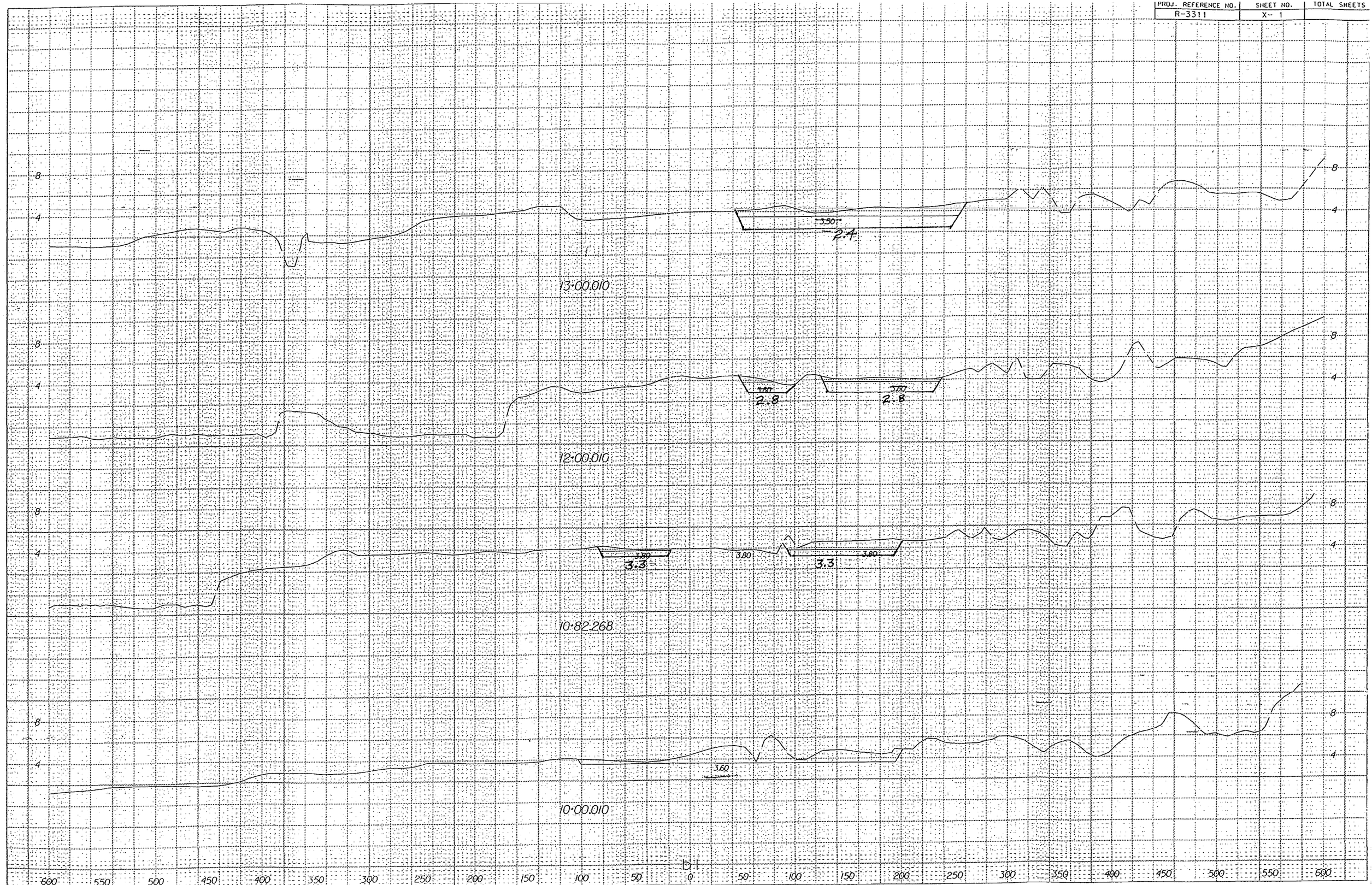
GRAPHIC SCALE

100 50 0 100 200

PLANS

7-JUN-1995 12:04

PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
R-3311	X- 1	



4

3.20 2.6 3.20 2.6

Blue Line 2.3
36+99.860

4

2.90 2.9 2.90

Blue Line 2.3
35+55.630

4

3.00 3.1 3.00 3.1

Blue Line 2.4
34+99.860

4

3.00 3.4 3.00 3.4

Blue Line 2.0
34+35.530

4

3.6 3.10 3.10 3.6

Blue Line 3.3
33+36.410

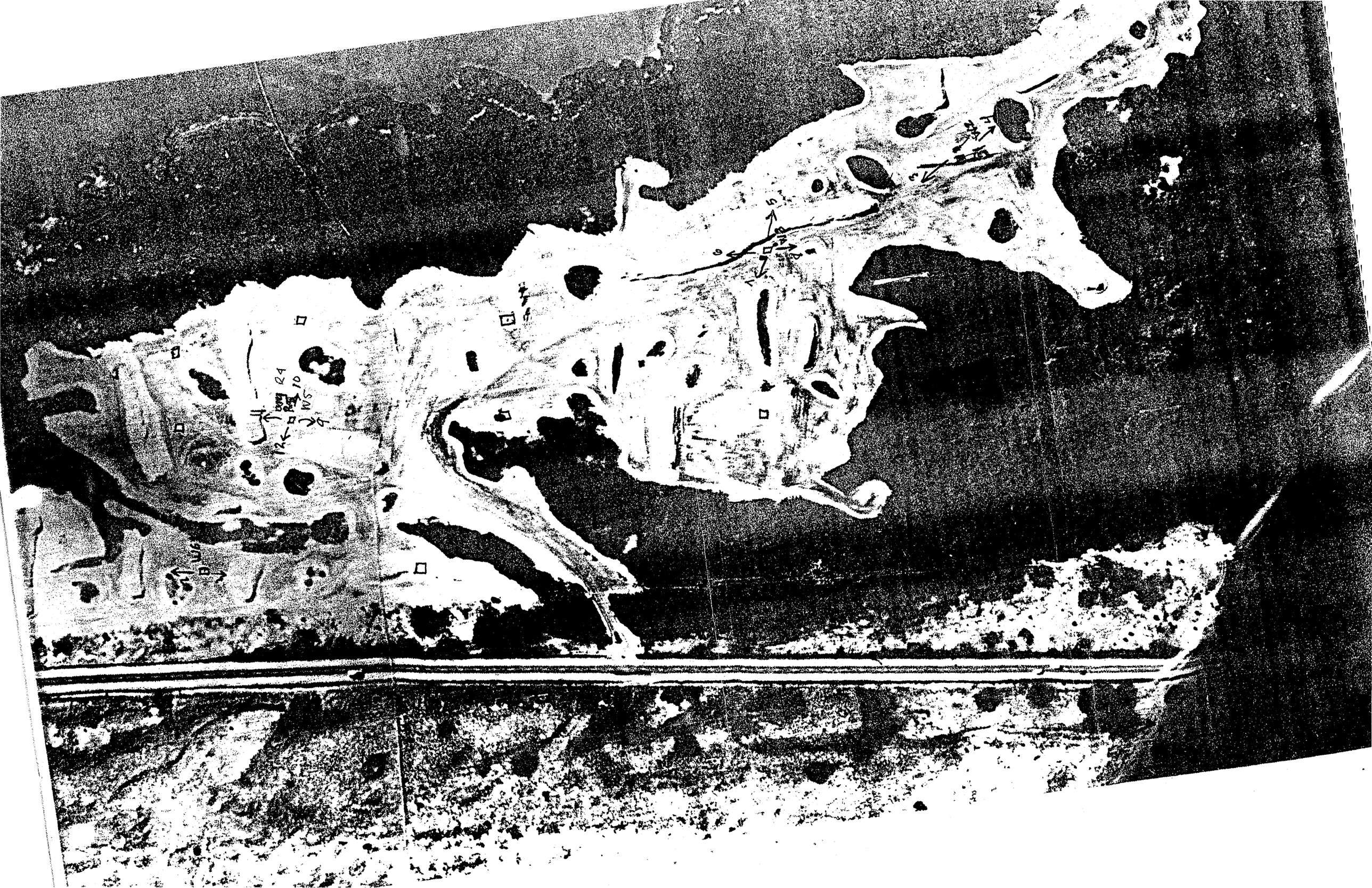
4

3.8 3.10 3.9

32+21.170
Blue Line 3.8

4

3.7 3.10 3.7

31+00.000

320
2.5
44·00.000
320
2.3
Blue Line 1.7
43·00.000
320
2.3
320
2.2
Blue Line 1.9
42·00.000
345
2.1
Blue Line 2.0
40·99.850
340
2.2
39·99.850
350
2.3
350
2.3
39·53.870
Blue Line 1.9
330
2.4
330
2.4
330
2.4
37·49.490
Blue Line 2.2
b1
600 550 500 450 400 350 300 250 200 150 100 50 0 50 100 150 200 250 300 350 400 450 500 550 600