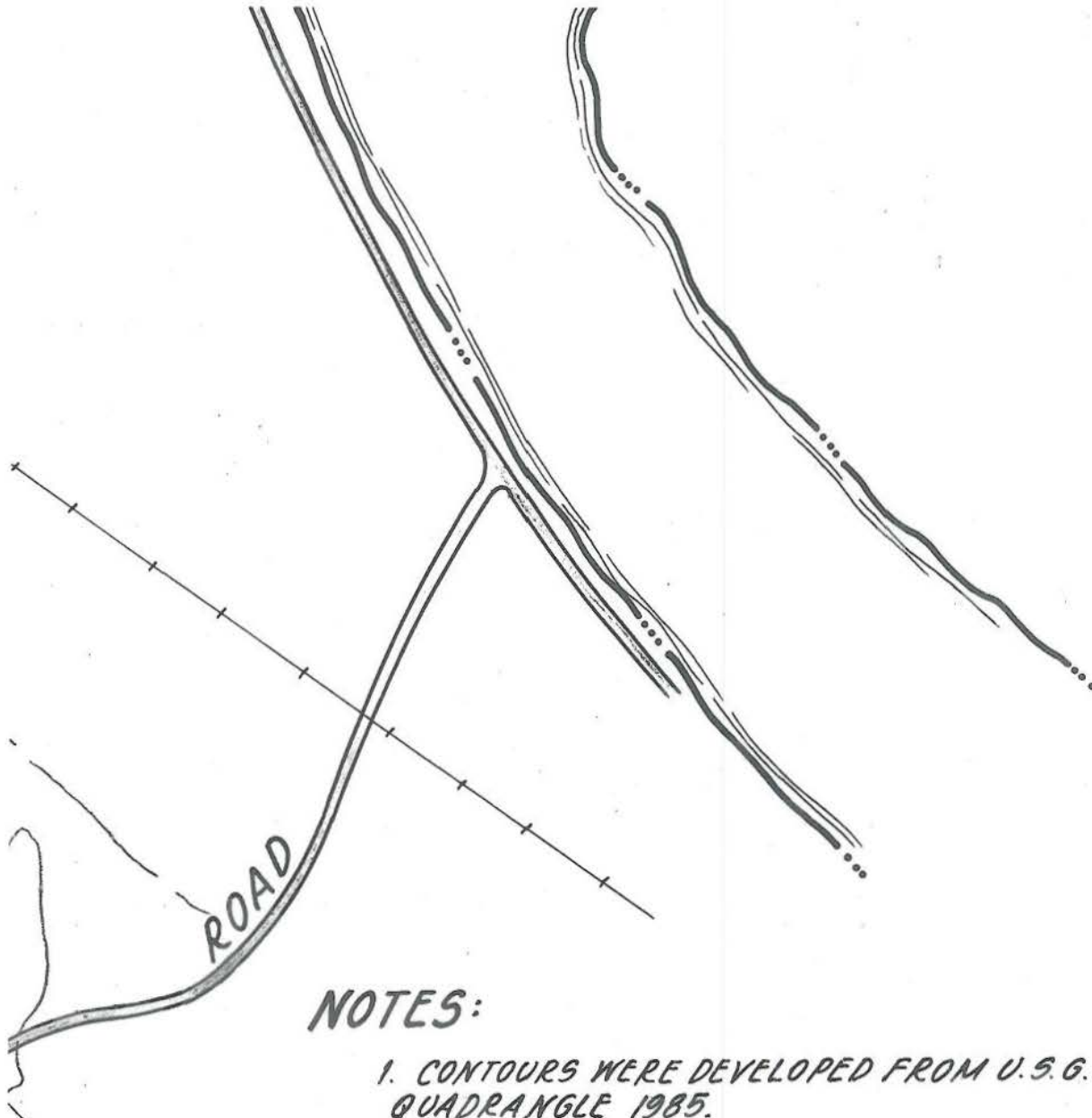




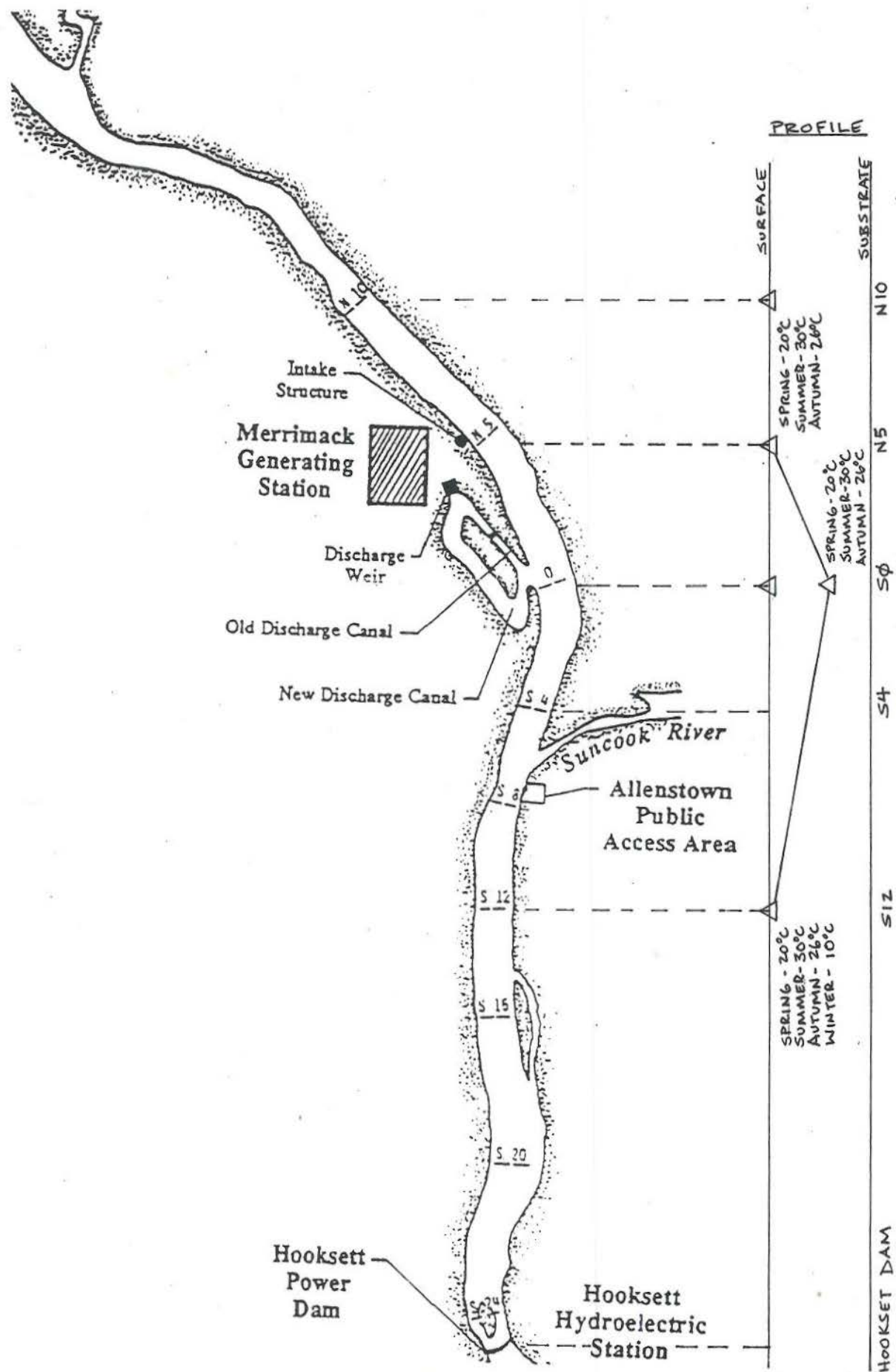
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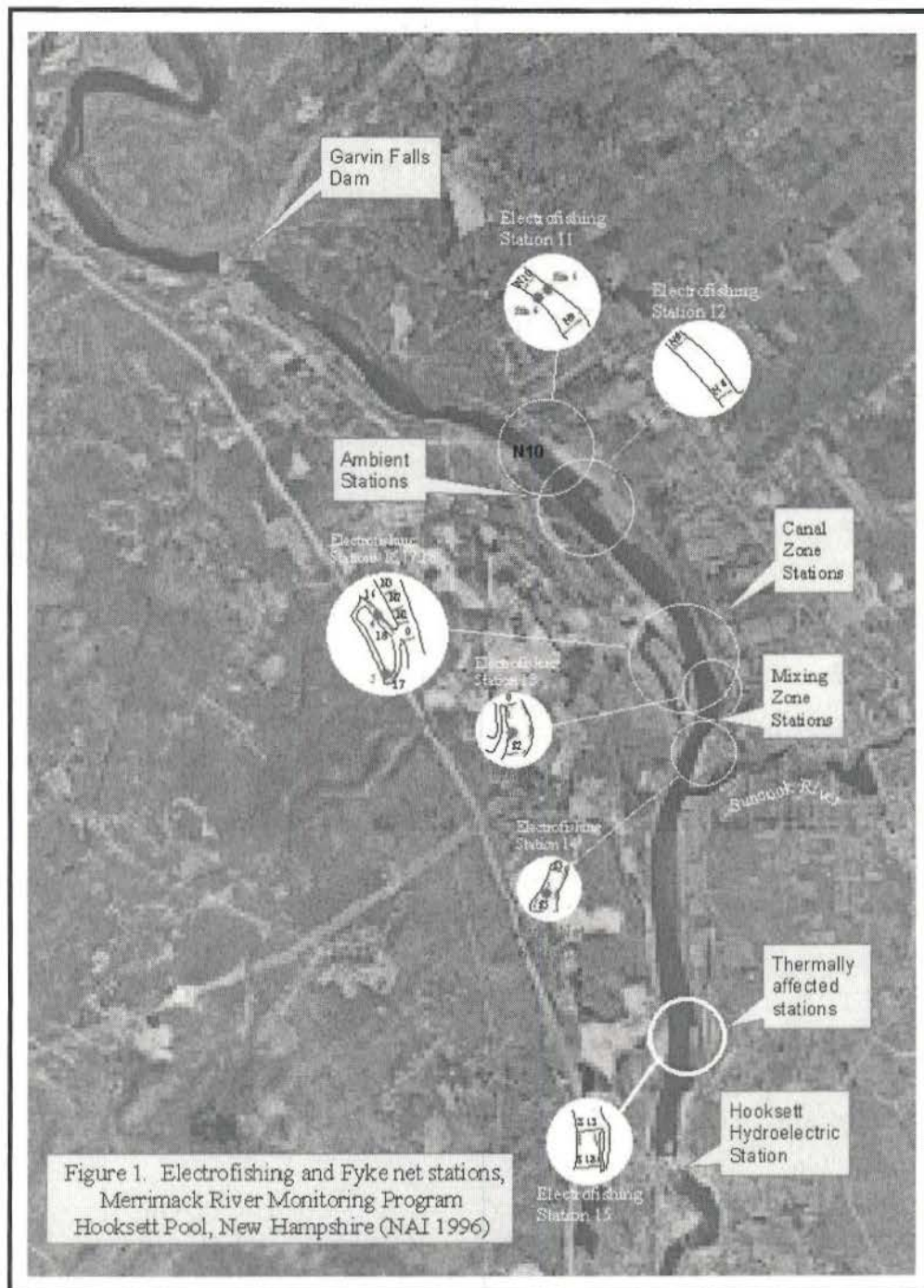
1. CONTOURS WERE DEVELOPED FROM U.S.G.S. SUNCOOK QUADRANGLE 1985.

W

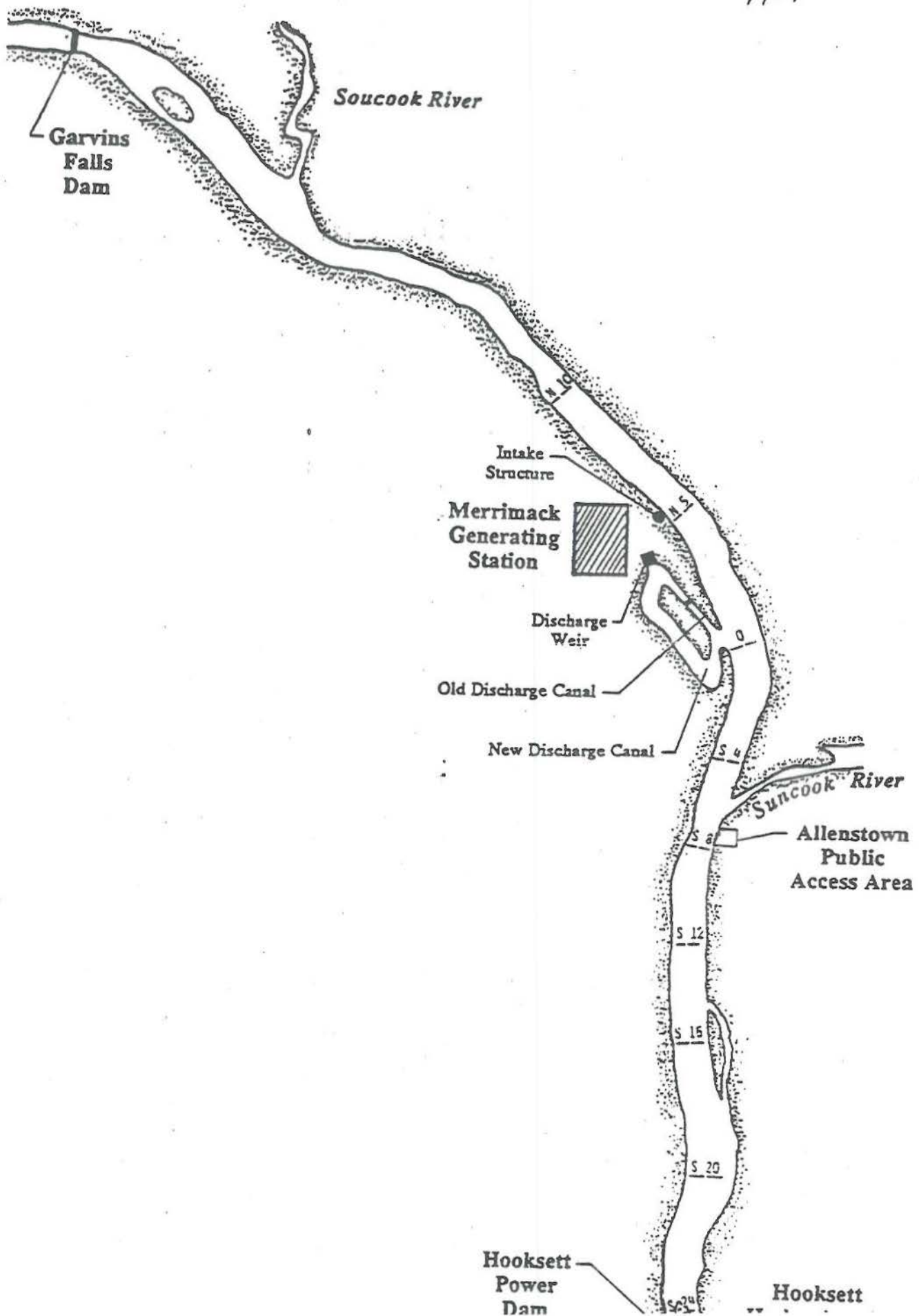
DRAWN <i>W. TURNER</i> DESIGNED CHECKED <i>P. LENTINE</i> APPROVED	PSNH PUBLIC SERVICE Company of New Hampshire		ENGINEERING DIVISION		
	AREA PLAN MERRIMACK STATION BOW, N. H.				
	SCALE 1" = 400'	DATE 5/1/90	SHEET 1 OF 1	DRAWING NO. MK-S-5	
	P. AGP KD APPR.				

~~AB-1281~~ AB-1281

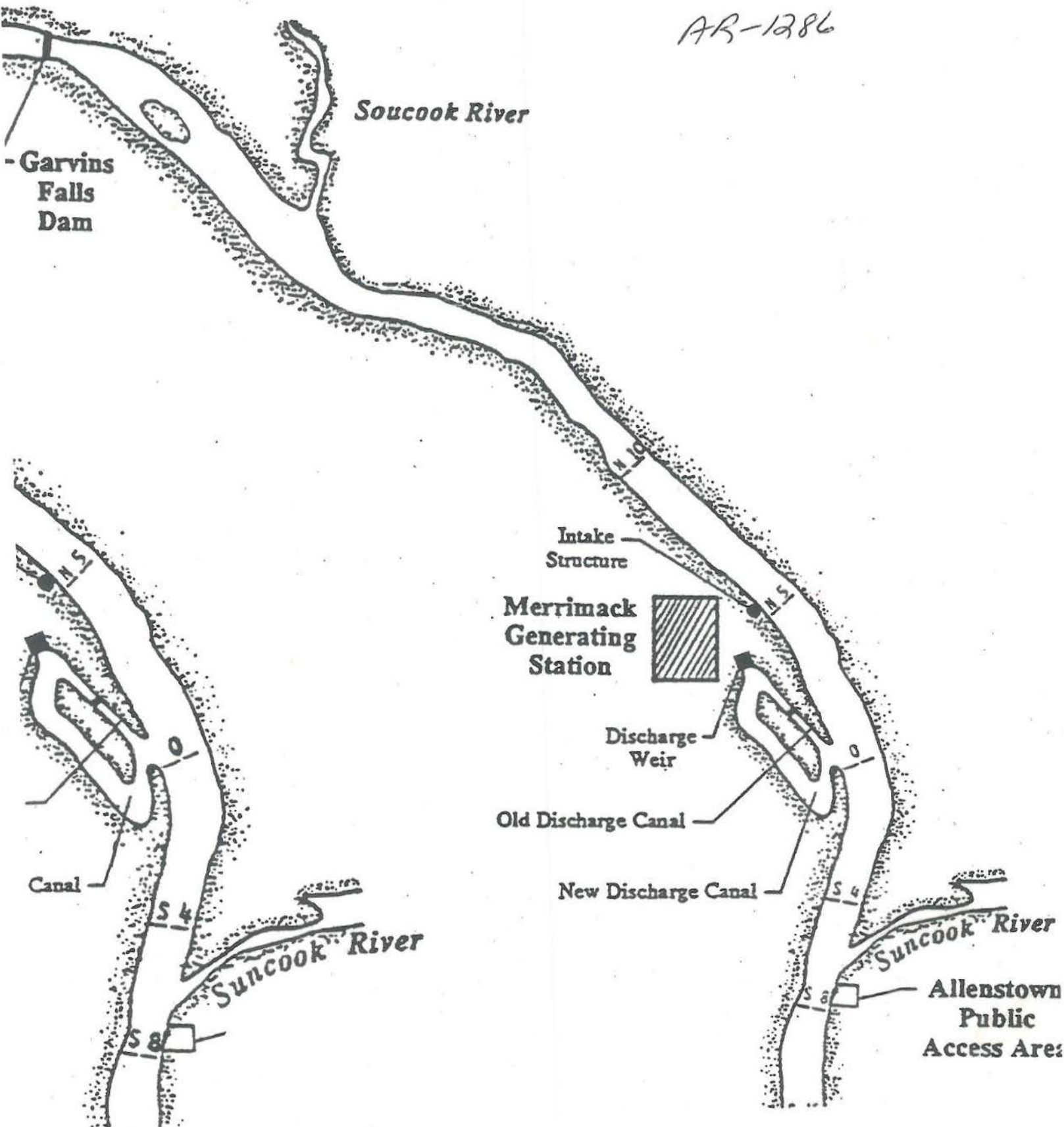




AR-1285



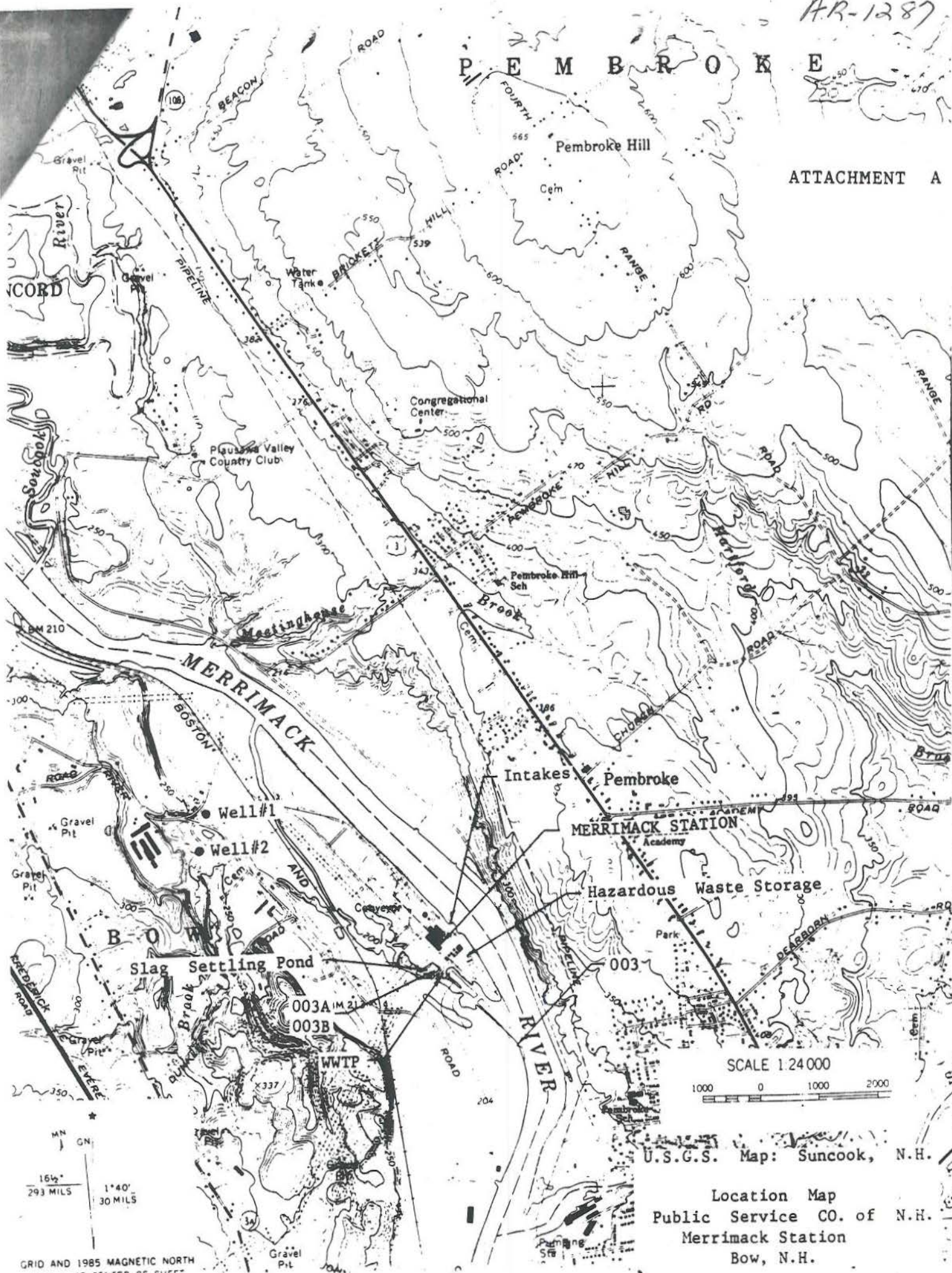
AR-1286



AR-1287

P E M B R O K E

ATTACHMENT A



SCALE 1:24,000

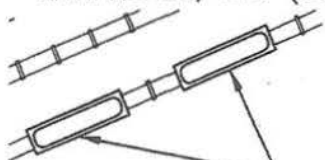


U.S.G.S. Map: Suncook, N.H.

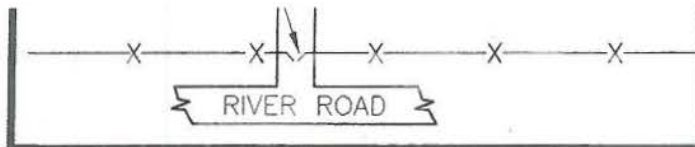
Location Map
Public Service CO. of N.H.
Merrimack Station
Bow, N.H.

GRID AND 1985 MAGNETIC NORTH

- HYDRAZINE STORAGE (2 DRUMS)
ANTIFREEZE, ETC (30 DRUMS)



AMMONIA
RAILCARS
(9 RAILCARS)



POWER SPRAY MODULE
PART-PLAN
NOT TO SCALE

LEGEND



= ASSEMBLY POINTS

— = FUEL, OIL, JET-A & NATURAL GAS CONTROL STATION

— = WATER HYDRANTS & CONNECTIONS

— = CHEMICALS & CHEMICAL STORAGE

--- = WASTEWATER

-//— = FENCE



= WIND SOCK LOCATIONS (MOUNTED TOP OF UTILITY POLES)

4	MISC CHANGES	9/25/01	PRB	WC	JMR	
3	MISC CHANGES	3/7/00	PRB	AAG		
2	MISC CHANGES	3/13/99	PRB	GBS		
1	MISC CHANGES	3/4/97	AGP	GBS		

REV NO.	REVISION DESCRIPTION	DATE	DSN	DRN	CHKD	APPR
---------	----------------------	------	-----	-----	------	------



**Public Service
of New Hampshire**

**RETAIL
BUSINESS GROUP**
SYSTEM PROJECTS

SIGNATURES	DATE
DSN:	
DRN: NMV	5-95
CHKD: BHE	5-95
APPR: AAA	5-95

**EMERGENCY RESPONSE
DETAIL PLAN
MERRIMACK STATION
BOW, N.H.**

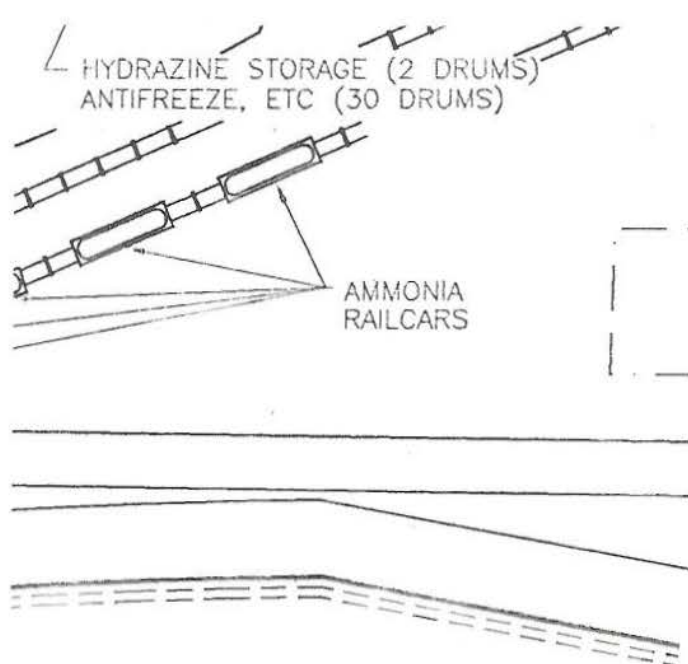
SCALE: 1" = 50'

DWG NO. MK-S-30-1

AR-1288

DATE PLOTTED: 10-23-2001

R:\System Projects\Drafting\D\mk\mk-s-30-1.dwg, 10/23/2001 11:50:07 AM



LEGEND

-  = ASSEMBLY POINTS
 - . . - = FUEL, OIL, JET-A & NATURAL GAS CONTROL STATION
 ——— = WATER HYDRANTS & CONNECTIONS
 ——— = CHEMICALS & CHEMICAL STORAGE
 - - - - = WASTEWATER
 —//— = FENCE

1	MISC CHANGES	3/4/97	AGP	GBS	GGP	GGP
REV NO.	REVISION DESCRIPTION	DATE	DSN	DRN	CHKD	APPR
 Public Service of New Hampshire		General Engineering Division				
SIGNATURES DSN: DRN: NMV CHKD: BHE APPR: AAA		EMERGENCY RESPONSE DETAIL PLAN MERRIMACK STATION BOW, N.H. <i>AR-1289</i>				
DATE 5-95 5-95 5-95		DWG NO. MK-S-30-1				
SCALE: 1" = 50'						

SHEET _ OF _

DATE PLOTTED: _____

[illegible]

LEGEND

----- Intermittent flow

Continuous flow during normal station on line operation

MGD = MILLION GALLONS PER DAY

GPD = GALLONS PER DAY

NOTES:

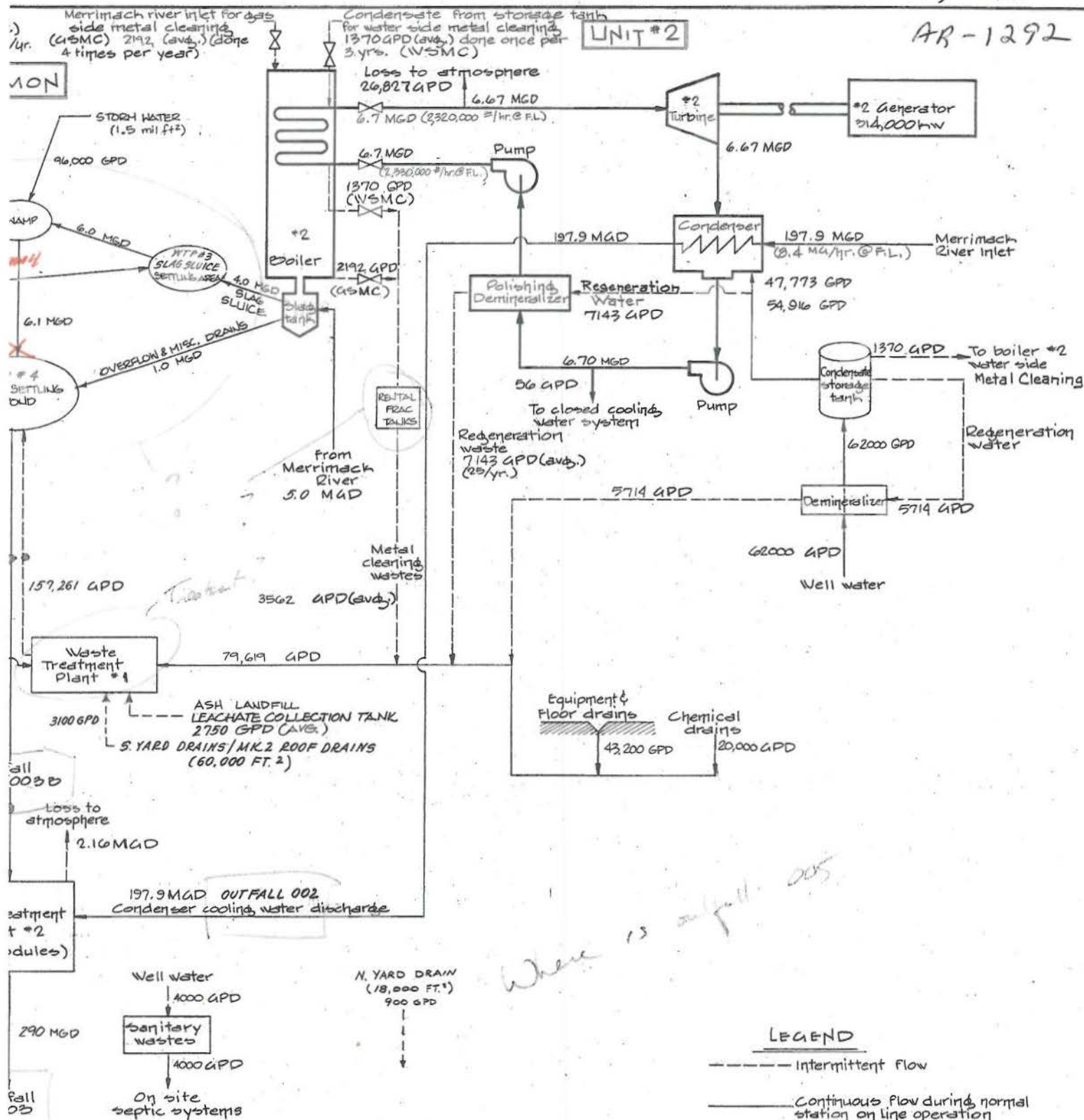
STORMWATER FLOWS BASED ON ANNUAL RAINFALL OF 36.53" WITH A RUNOFF COEFFICIENT OF 80% (EXCEPT ROOF DRAINS, SWAMP AND SLAG POND WHICH HAVE 100% RUNOFF COEFFICIENT).

76

[illegible]

1947-48 1948-49

AR-1291



LEGEND

----- Intermittent Flow

———— Continuous Flow during normal station on line operation

MGD = MILLION GALLONS PER DAY

GPD = GALLONS PER DAY

NOTES:

STORMWATER FLOWS BASED ON ANNUAL RAINFALL OF 36.53" WITH A RUNOFF COEFFICIENT OF 80% (EXCEPT ROOF DRAINS, SWAMP AND SLAG POND WHICH HAVE 100% RUNOFF COEFFICIENT).

T6

4	MISC. UPDATES	2/97	MT	AP	AP
3	MISC. REV.	4/90	MT		
2	MISC. REV.	3/90	AMB		
1	MINOR REVISIONS	3/90	UN	ED	
NO.	REVISION	DATE	DRAWN	CHKD	APPR.
DESIGNED	DSP	CHKD	J. Lander		
DRAWN		APPR.			
TRACED					

SCHEMATIC OF WATER FLOW
PUBLIC SERVICE CO. of N. H.
MERRIMACK STATION
BOW-MERRIMACK COUNTY, NEW HAMPSHIRE

PUBLIC SERVICE CO. OF NEW HAMPSHIRE
ENGINEERING DIVISION
SCALE: None
DATE: 10-06-80

Mk-M-1235

CONTRACTORS' PARKING
(GRAVEL AREA)

FLOW

COOLING
DISCHARGE
W/ POWER
SPRAY MODULES

RIVER ROAD

REV
NO.

REVISION DESCRIPTION

DATE

DSN

DRN

CHKD

APPR



**Public Service
of New Hampshire**

**General Engineering
Division**

SIGNATURES

DATE

DSN: AGP

DRN: GBS

3/5/97

CHKD: *AGP*

3/5/97

APPR: *AGP*

3/5/97

AB-1253

**SITE PLAN
MERRIMACK STATION
BOW, NH**

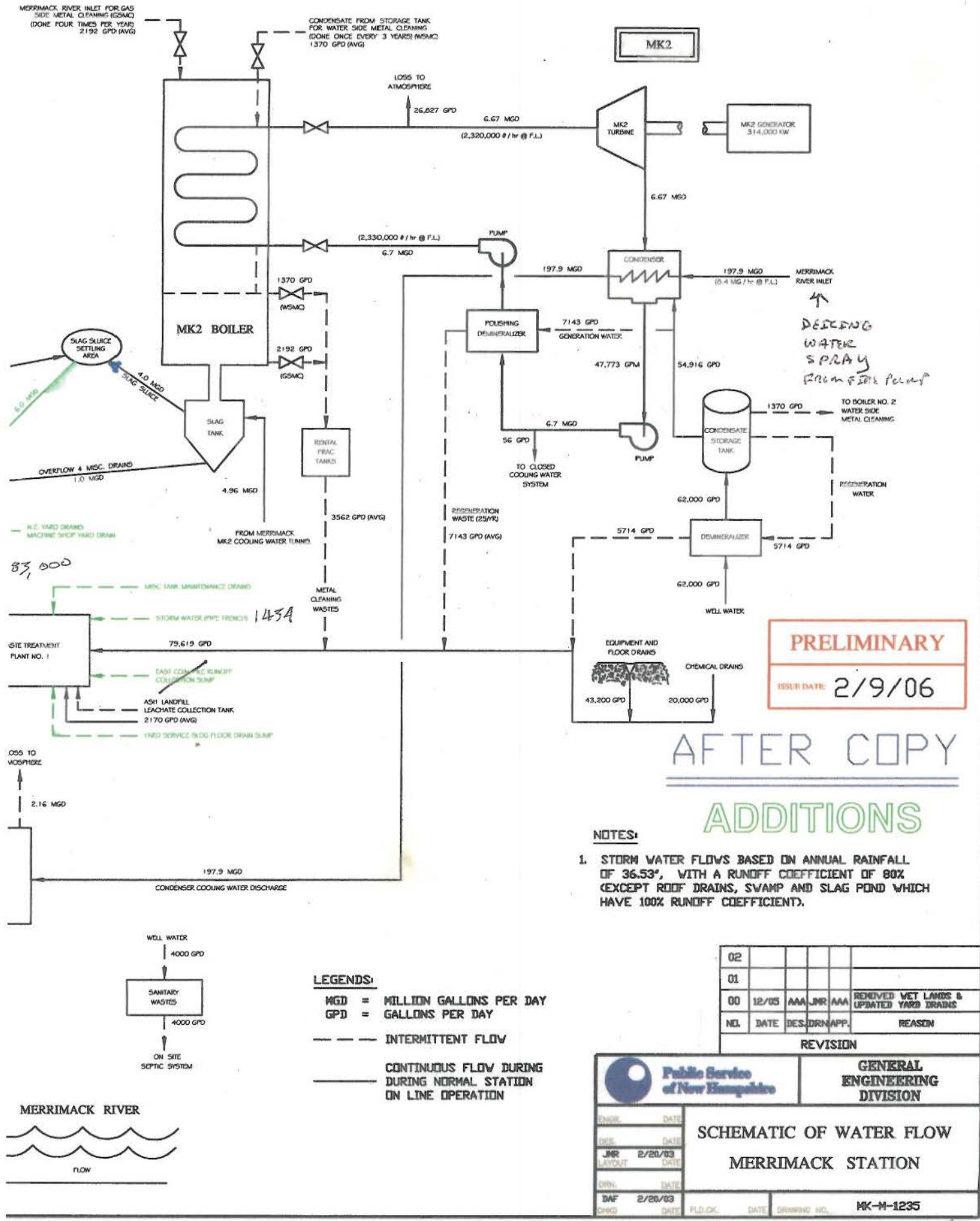
SCALE: 1" = 100'

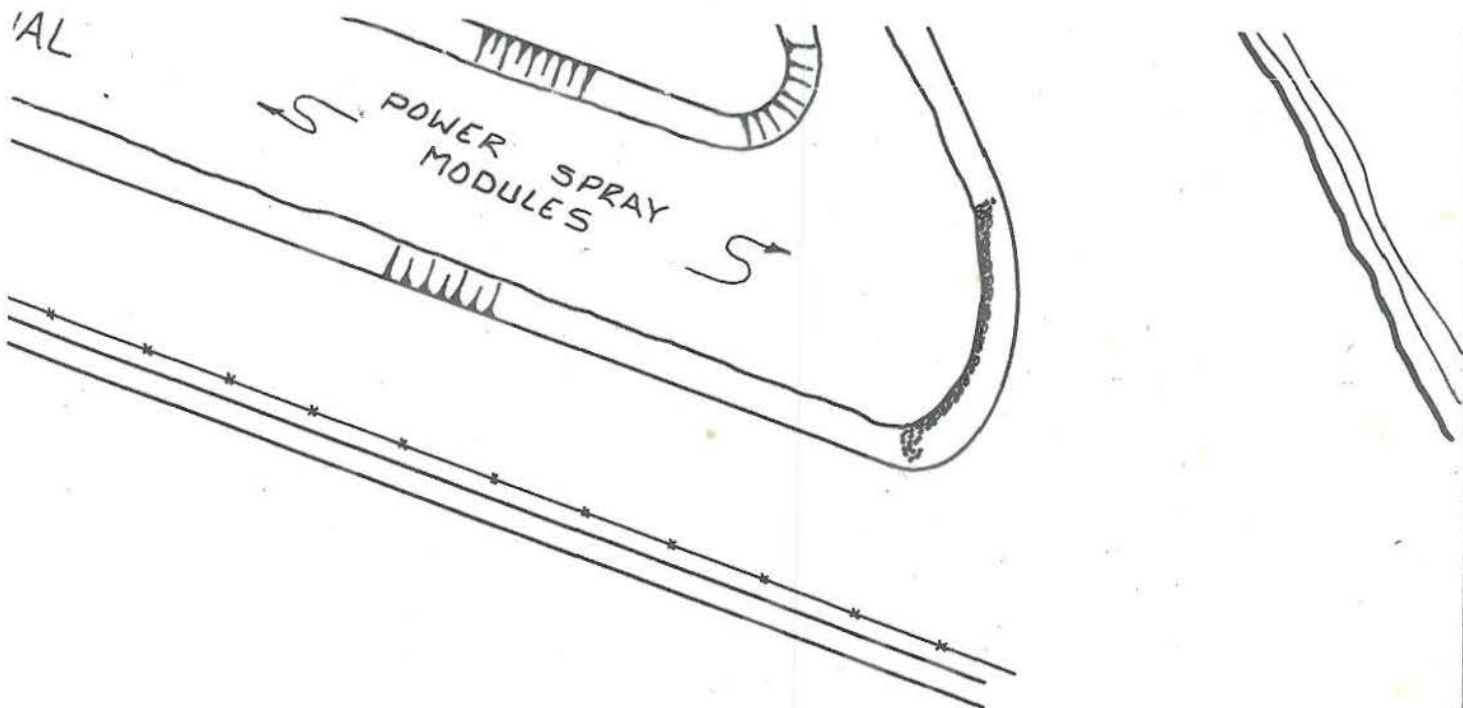
DWG NO. P-M-0001

SHEET _ OF _

DATE PLOTTED: _____

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10





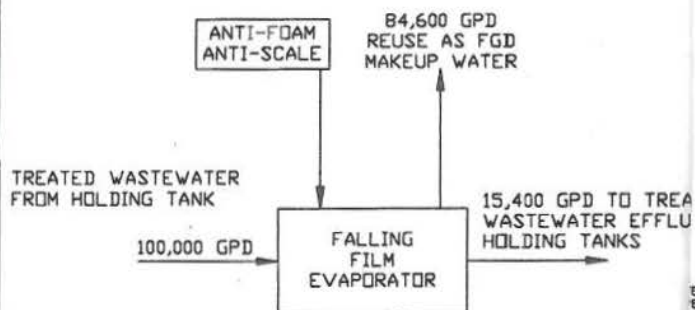
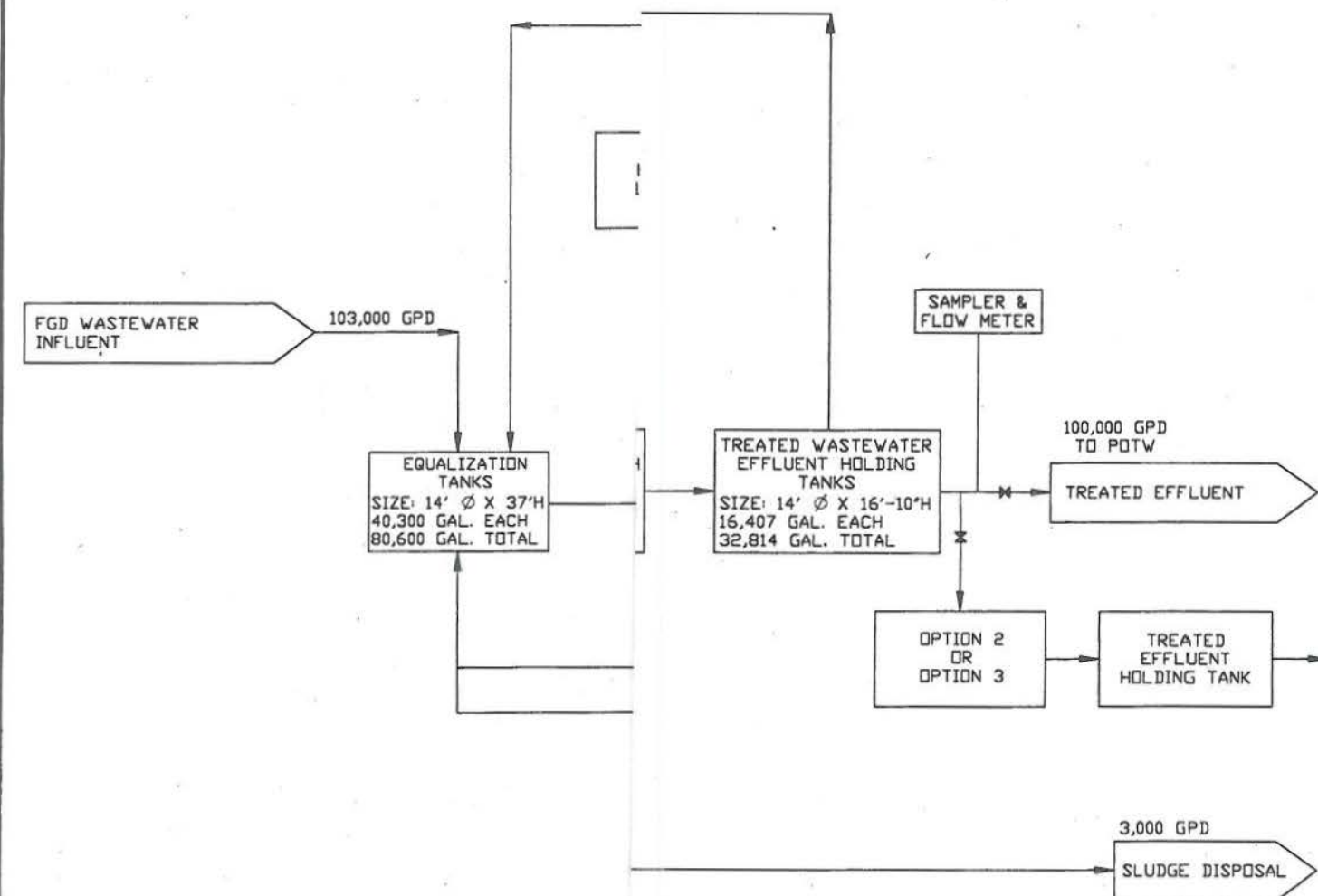
WITHIN A 100-YEAR FLOOD PLAIN.
 ARE ABOVEGROUND UNLESS
 SEPTIC TANK IN CELLAR.

DRAWN G.B. STANTON		PSNH PUBLIC SERVICE ENGINEERING Company of New Hampshire DIVISION	
DESIGNED		MERRIMACK STATION SITE PLAN BOW N.H.	
CHECKED AGP			
APPROVED AGP			
SCALE 1" = 200'	DATE 5-1-89	SHEET 1 OF 1	DRAWING NO. MK-M-1300

AB-1295

NOTE:

1. THE WASTEWATER SYSTEM CAN OPERATE TWO TREATMENT TRAINS IN PARALLEL.
2. THE TREATMENT SYSTEM INCLUDES TWO VOLUME REDUCTION UNIT PROCESSES WHICH CAN RECEIVE FLOW AT THE DISCRETION OF THE OPERATOR. THESE ARE LOCATED BETWEEN THE FINAL TREATED WASTEWATER HOLDING TANKS AND THE GRAVITY FILTERS. POSSIBLE FLOW SCENARIOS ARE LABELED OPTION 1, OPTION 2, AND OPTION 3.



OPTION 2

**INDUSTRIAL WASTEWATER INDIRECT DISCHARGE
REQUEST APPLICATION
PSNH
BOW, NEW HAMPSHIRE**

WASTEWATER TREATMENT SYSTEM FLOW DIAGRAM

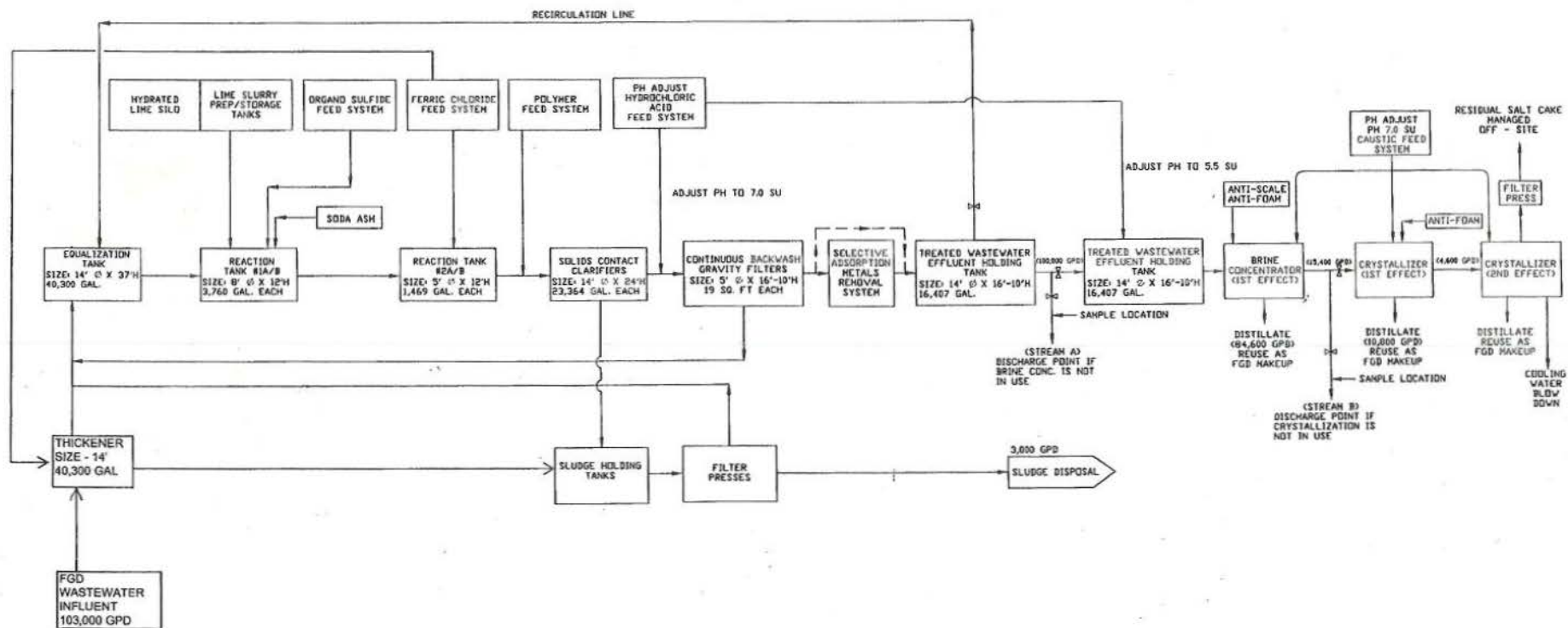
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ANNER FOR USE
OTHER PURPOSE
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PRIOR WRITTEN
AT THE USER'S
SABILITY TO GZA.

PREPARED BY:
GZA GeoEnvironmental, Inc.
Engineers and Scientists
380 HARVEY ROAD
MANCHESTER, NEW HAMPSHIRE 03103
(603) 623-3400

PREPARED FOR:
**PUBLIC SERVICE OF
NEW HAMPSHIRE**

DESIGNED BY: PTP	REVIEWED BY: KDB	CHECKED BY: PTP	FIGURE 2
DATE: AUGUST 2011	DRAWN BY: JPH	SCALE: N.T.S.	
PROJECT NO. 04.0029307.00	REVISION NO.		
			SHEET NO.

NOTE:
1. THE WASTEWATER SYSTEM OPERATES TWO TREATMENT
TRAINS IN PARALLEL.



PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
ATTACHMENT A

44-1257