MANUAL STATION
AFW-1A
FOXBORO 67 HTG.

CONTROL BOARD
120 VAC DIST. PNL.
BRKR. #18

(NOTE #1)

Φ — L1
N — L2

AFW-1A-P1
TKD/1 (+)
TKD/2 (-) 10-50 MA

FC-4480
DK-C5

RR4 / 20 / RA2 — R3434 — MCB

5 — MFPX2-1A1

AFW-1A-P2 — 1 — RR4 / 19 / RA2

R3436 — SIA2 — 6C / 9 — 11 — SI 11X — 15

AFW-1A-P3 — 6C / 10 — SIA2

R3436 — RA2 — RR5 / 14 — RA2 — R3438

RA2 — RR5 / 13 — R3434 — MCB

AFW-1A-N

SEPARATION GROUP A

RA2 — R3438 — A1 — R3440 — HEADER — -I/P ON, +VLV 4480

JUNCT. BOX AFW-1A

RR5 / 14 — RA2 — R3438 — A2 — R3440 — HEADER

JUNCT. BOX AFW-1A

FY-4480

FROM CONTROLLER — P1 — AFW-1A — RR4 / 20 — 5 — MFPX2/1A1 — 1 — 11 — SI 11X — 15 — P3 — RR5 / 14

TO I/P PERMISSIVE INTERLOCK VALVE 4480 FULL CLOSED

63XT3/TDA

RR2-8 — RXP-14 — 17 — 63XT3 — 21 — B

C2 — TR116 — C1 — RXN14

63XT3/TDA — DELAY 'ON PICKUP' 30 SECONDS — A

LOMFPX-1A1

2 — 1

TO 52SI FPIB — G467 — RL4-16 / RA2 — RRI/7 — R3448 — MCB — TKV/8 — 3 — 4 — TKD/7 — MCB — R3448 — RRI/8 — RA2 — TO C2 OF MFPX-1A1 SH. 317

DEV. K SH. 12 (BS)

C2 — TO C2 MFPX-1A1 SH. 317

MFPX2 1A1 — C1 — BFD-445 RA2 RACK

TO RXN14 SHEET 317

LOMFPX 1A1 SWITCH (BLOCKS) INHIBITS AUTO START TO MAFP BREAKERS IN DEFEAT MODE.

5 — MFPX2-1A1 — TO VLV 4480 INTERLOCK SH. 441

3 — LOMFPX2-1A1 — IR — 4 — MFPX2-A1 LOCKOUT SW. FOR START UP

LOMFPX2-1A1 — IL

MANUAL STATION
AFW-1B FOXBORO
67 HTG

CONTROL BOARD
120 VAC DIST. PNL.
BRKR. #18

Φ — L1
N — L2

AFW-1B-P1
TKN/4 (+)
TKN/5 (-) 10-50 MA

FC-4481
DK-C4

RR4 / 4 / RA3 — R3435 — MCB

5 — MFPX2/1B1

AFW-1B-P2 — 1 — RR4 / 9 / RA3

R3437 — SIB2 — 6C / 9 — 11 — SI 21X — 15

AFW-1B-P3 — 6C / 10 — SIB2

R3437 — RA3 — RR4 / 6 — RA3 — R3439

RA3 — RR4 / 5 — R3435 — MCB

AFW-1B-N

SEPARATION GROUP B

RA3 — R3439 — A1 — R3441 — HEADER — -I/P ON, +VLV 4481

JUNCT. BOX AFW 1B

RR4 / 6 — RA3 — R3439 — A2 — R3441 — HEADER

JUNCT. BOX AFW-1B

FY 4481

FROM CONTROLLER — P1 — AFW-1B — RR4 / 4 — 5 — MFPX2/1B1 — 1 — 11 — SI 21X — 15 — P3 — RR4 / 6

TO I/P PERMISSIVE INTERLOCK VALVE 4481 FULL CLOSED

63XT3/TDB

LOMFPX-1B1

1 — 2

TO 52SI FPIB — G472 — RL1-7 / RA3 — RR2/11 — R3449 — MCB — TKV/6 — 3 — 4 — TKN/7 — MCB — R3449 — RR2/12 — RA3

DEV. K SH. 12 (RI)

C2 — TO C2 MFPX-1B1 SH. 317

MFPX2 1B1 — C1 — BFD 445

TO RXN16 SHEET 317

LAP — TY/12 — 1 — BS — BT — 1 — 2 — 2 — LOMFPX2-1B1 / IL

ANN. AA21 SH. 397 — TDL/4 — TU/5 — ANN AA21

RL2-14 / RA3 — RXP-16

RL4-13 / RA3 — RL5-13 / RA2 — 18 — 63XT3 — 22 — B

RL5-14 / RA2 — RL4-12 / RA3 — B — C2

63XT3 TDB — A — TDA-17 — C1

5 — MFPX2-1B1

3 — LOMFPX2-1B1 / IR — 4 — MFPX2-1B1 LOCKOUT SW. FOR START UP

YLV 4481 INTERLOCK SH. 441

TERA APERTURE CARD

	CONSTRUCTION
	LIMITED CONSTRUCTION: AS NOTED
	PRELIMINARY NOT FOR CONSTRUCTION
	BIDDING PURPOSES
SEP 21 '81	FOR INFORMATION ONLY
DATE	RELEASED FOR — ENGR.

Docket # 50-244
Control # 8109290350
Date 9-22-81 of Document
REGULATORY DOCKET FILE

C-29

NUMBER	REVISION	DATE	INITIAL	DRAWN BY	CHECKED	RESP. ENG. / MANG'R.
5	REVISED AS PER EWR 3025 (SEE MICROFILM FOR PREVIOUS REVISIONS)	5-29-81	DH	NJA	PMV	RKN
4	REVISE AS PER FIELD (FOR CHANGES 1,2,3) EWR 1431 (SEE MICROFILM)	7/14/79	PMV	NJA	PMV	RAB
3	ORIGINAL	2-23-79	PMV	NJA	PMV	RSV
2	REVISED PER FCR 3025-2	7/14/81	PMV	NJA	PMV	RKN
1		7/16/81	PMV	DH	PMV	RKN
0		7/17/81	PMV	DH	PMV	RKN

ROCHESTER GAS & ELECTRIC CORP.
ROCHESTER, NEW YORK

FACILITY GINNA STA.
SCALE NONE
JOB NO. EWR 1431
DRAWING NO. 10905-441
REV. 6

AUXILIARY FEEDWATER BYPASS CONTROL ELEMENTARY

H.H.S. 19 11536

REGULATORY DOCKET FILE COPY