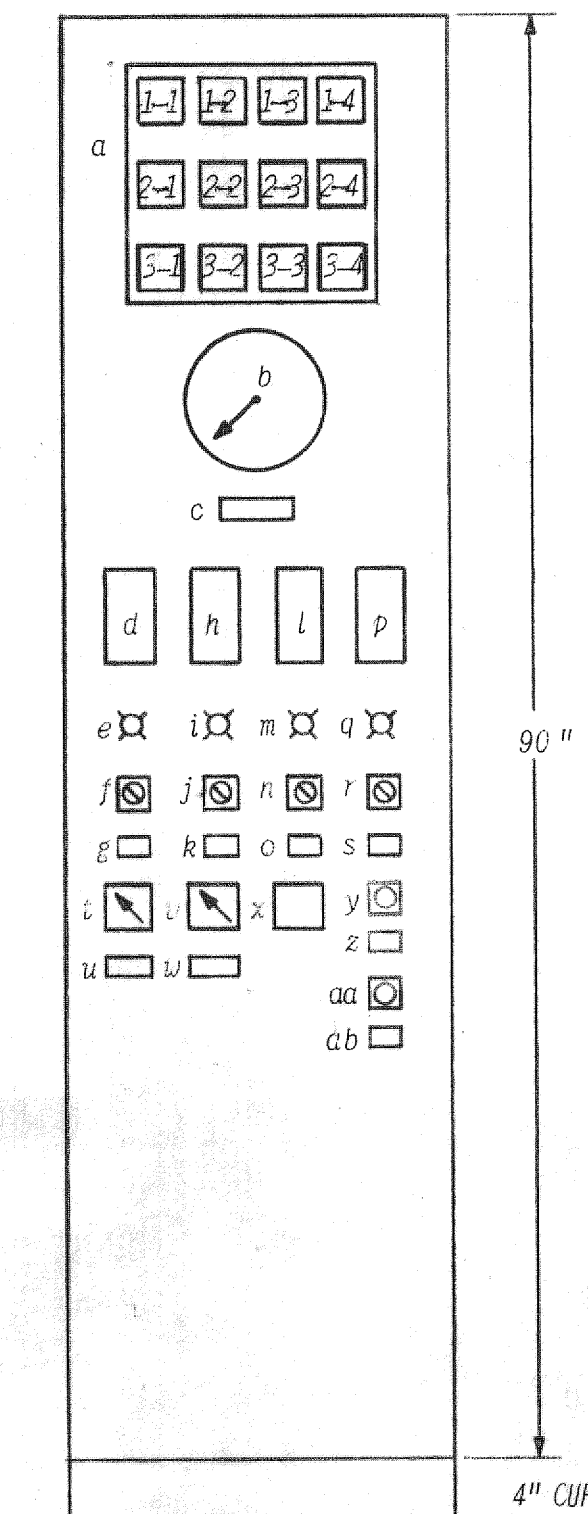
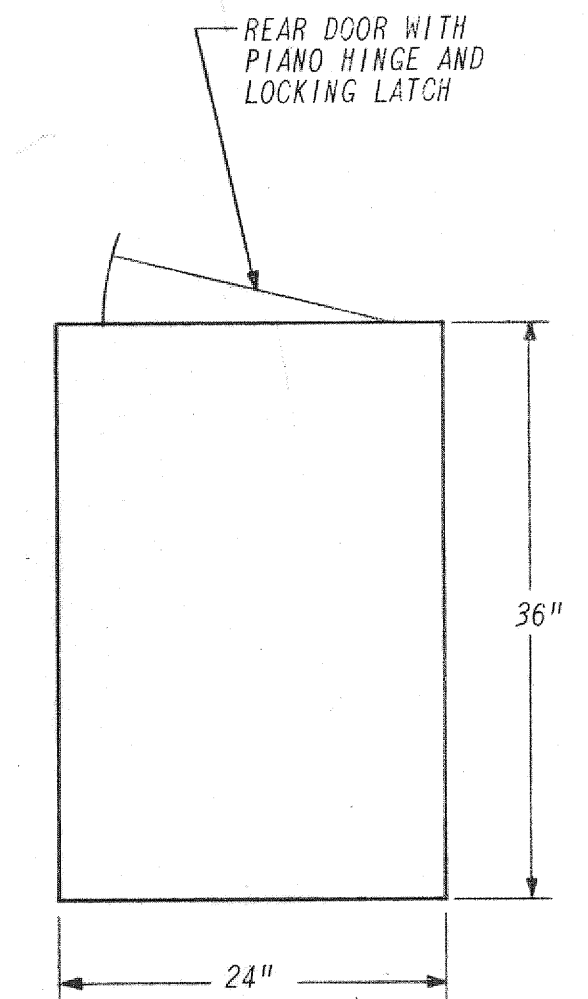


VACUUM FILTER PANEL
PANEL NO. P3
(FLOOR MOUNTED)

VACUUM FILTER PANEL (P3)			
ITEM NO.	TAG NO.	DESCRIPTION	NAMEPLATE LEGEND
a	AN-3	ANNUNCIATOR	SEE BELOW
b	SI-93-2	SPEED INDICATOR	0-100%
c	---	NAMEPLATE	SPEED INDICATOR
d	IL-93-3	GREEN LIGHT	OFF
e	IL-93-2	RED LIGHT	ON
f	HSC-93	3 POSITION SWITCH	FASTER - SLOWER
h	HS-93-1	3 POSITION SWITCH	LOCAL-OFF/RESET-AUTO
j	---	NAMEPLATE	PUMP NO. 1
k	SI-95-2	SPEED INDICATOR	0-100%
l	---	NAMEPLATE	SPEED INDICATOR
m	IL-95-3	GREEN LIGHT	OFF
n	IL-95-2	RED LIGHT	ON
o	HSC-95	3 POSITION SWITCH	FASTER - SLOWER
q	HS-95-1	3 POSITION SWITCH	LOCAL-OFF/RESET-AUTO
r	HS-95-3	2 POSITION SWITCH	FILTER 1 - FILTER 2
s	---	NAMEPLATE	STANDBY PUMP
t	SI-94-2	SPEED INDICATOR	0-100%
u	---	NAMEPLATE	SPEED INDICATOR
v	IL-94-3	GREEN LIGHT	OFF
w	IL-94-2	RED LIGHT	ON
x	HSC-94	3 POSITION SWITCH	FASTER - SLOWER
z	HS-94-1	3 POSITION SWITCH	LOCAL-OFF/RESET-AUTO
aa	---	NAMEPLATE	PUMP NO. 2
ab	---	NAMEPLATE	BLENDED SLUDGE PUMPS
ac	KY-81	TIMER	24 HOUR
ad	---	NAMEPLATE	PUMP NO. 1 BATCH TIMER
ae	ZIC-81	HAND IND. CONTROLLER	0-100%
af	---	NAMEPLATE	PUMP NO. 1 STROKE ADJUST.
ag	IL-81-3	GREEN LIGHT	OFF
ah	IL-81-2	RED LIGHT	ON
ai	HS-81-1	4 POSITION SWITCH	TIMED-LOCAL-OFF-AUTO
aj	---	NAMEPLATE	PUMP NO. 1
ak	ZIC-82	HAND IND. CONTROLLER	0-100%
al	---	NAMEPLATE	PUMP NO. 2 STROKE ADJUST.
am	KY-82	TIMER	24 HOUR
an	---	NAMEPLATE	PUMP NO. 2 BATCH TIMER
ao	IL-82-3	GREEN LIGHT	OFF
ap	IL-82-2	RED LIGHT	ON
aq	HS-82-1	4 POSITION SWITCH	TIMED-LOCAL-OFF-AUTO
ar	---	NAMEPLATE	PUMP NO. 2
as	---	NAMEPLATE	LIME SLURRY PUMPS
at	ZIC-90	HAND IND. CONTROLLER	0-100%
au	---	NAMEPLATE	PUMP NO. 1 STROKE ADJUST.
av	IL-80-3	GREEN LIGHT	OFF
aw	IL-80-2	RED LIGHT	ON
ax	HS-90-1	3 POSITION SWITCH	LOCAL-OFF-AUTO
ay	---	NAMEPLATE	PUMP NO. 1
az	ZIC-91	HAND IND. CONTROLLER	0-100%
ba	---	NAMEPLATE	STANDBY PUMP STROKE ADJUST.
bb	IL-91-3	GREEN LIGHT	OFF
bc	IL-91-2	RED LIGHT	ON
bd	HS-91-1	3 POSITION SWITCH	LOCAL-OFF-AUTO
be	HS-91-3	2 POSITION SWITCH	FILTER 1 - FILTER 2
bf	---	NAMEPLATE	STANDBY PUMP
bg	ZIC-92	HAND IND. CONTROLLER	0-100%
bh	---	NAMEPLATE	PUMP NO. 2 STROKE ADJUST.
bi	IL-92-3	GREEN LIGHT	OFF
bj	IL-92-2	RED LIGHT	ON
bk	HS-92-1	3 POSITION SWITCH	LOCAL-OFF-AUTO
bl	---	NAMEPLATE	PUMP NO. 2
bm	---	NAMEPLATE	FERRIC CHLORIDE PUMPS
bn	IL-69-1	RED ILLUMINATED PB	START
bo	HS-69-1	GREEN ILLUMINATED PB	STOP
bp	IL-69-2	NAMEPLATE	DRUM NO. 1
bq	IL-70-1	RED ILLUMINATED PB	START
br	HS-70-1	GREEN ILLUMINATED PB	STOP
bs	IL-70-2	NAMEPLATE	DRUM NO. 2
bt	IL-71-1	RED ILLUMINATED PB	START
bu	HS-71-1	GREEN ILLUMINATED PB	STOP
bv	IL-71-2	NAMEPLATE	AGITATOR NO. 1
bw	IL-72-1	RED ILLUMINATED PB	START
bx	HS-72-1	GREEN ILLUMINATED PB	STOP
by	IL-72-2	NAMEPLATE	AGITATOR NO. 2

VACUUM FILTER PANEL (P3) CONT.			
ITEM NO.	TAG NO.	DESCRIPTION	NAMEPLATE LEGEND
bu	IL-75-1	RED ILLUMINATED PB	START
bv	HS-75-1	GREEN ILLUMINATED PB	STOP
bw	IL-75-2	NAMEPLATE	VACUUM DUMP NO. 1
bx	IL-76-1	RED ILLUMINATED PB	START
by	HS-76-1	GREEN ILLUMINATED PB	STOP
bz	IL-76-2	NAMEPLATE	VACUUM DUMP NO. 2
ca	IL-67-1	RED ILLUMINATED PB	START
cb	HS-67-1	GREEN ILLUMINATED PB	STOP
cc	IL-67-2	NAMEPLATE	MIXER NO. 1
cd	IL-68-1	RED ILLUMINATED PB	START
ce	HS-68-1	GREEN ILLUMINATED PB	STOP
cf	IL-68-2	NAMEPLATE	MIXER NO. 2
cg	IL-73-1	RED ILLUMINATED PB	START
ch	HS-73-1	GREEN ILLUMINATED PB	STOP
ci	IL-73-2	NAMEPLATE	FILTRATE PUMP NO. 1
cj	IL-74-1	RED ILLUMINATED PB	START
ck	HS-74-1	GREEN ILLUMINATED PB	STOP
cl	IL-74-2	NAMEPLATE	FILTRATE PUMP NO. 2
cm	---	NAMEPLATE	VACUUM FILTER NO. 1
cn	---	NAMEPLATE	VACUUM FILTER NO. 2
co	IL-77-1	RED ILLUMINATED PB	START
cp	HS-77-1	GREEN ILLUMINATED PB	STOP
cq	IL-81-4	RED LIGHT	ON
cr	HS-81-3	2 POSITION SWITCH	ON-OFF
cs	---	NAMEPLATE	LINE NO. 1
ct	IL-82-4	RED LIGHT	ON
cu	HS-82-3	2 POSITION SWITCH	ON-OFF
cv	---	NAMEPLATE	LINE NO. 2
cw	IL-79	RED LIGHT	ON
cx	HS-79	2 POSITION SWITCH	ON-OFF
cy	---	NAMEPLATE	LINE NO. 1
cz	IL-80	RED LIGHT	ON
ca	HS-80	2 POSITION SWITCH	ON-OFF
cb	---	NAMEPLATE	LINE NO. 2
cc	---	NAMEPLATE	FERRIC CHLORIDE DILUTION
cd	---	PUSHBUTTON	---
ce	---	NAMEPLATE	ACKNOWLEDGE
cf	---	PUSHBUTTON	---
cg	---	NAMEPLATE	TEST

ANNUNCIATOR XA-3 SCHEDULE	
POINT NO.	NAMEPLATE
1-1	MIXER NO. 1 OVERLOAD
1-2	MIXER NO. 2 OVERLOAD
1-3	LIME CONTACT AND BLENDING TANK NO. 1 HIGH LEVEL
1-4	LIME CONTACT AND BLENDING TANK NO. 1 LOW LEVEL
1-5	LIME CONTACT AND BLENDING TANK NO. 2 HIGH LEVEL
1-6	LIME CONTACT AND BLENDING TANK NO. 2 LOW LEVEL
1-7	LIME SLURRY TANK NO. 1 HIGH/LOW LEVEL
1-8	LIME SLURRY TANK NO. 2 HIGH/LOW LEVEL
1-9	BLENDED SLUDGE PUMPS HIGH DISCHARGE PRESSURE
1-10	FERRIC CHLORIDE TANK HIGH/LOW LEVEL
1-11	---
1-12	SPARE (DO NOT ENGRAVE)



RAW SEWAGE PANEL
PANEL NO. P4

RAW SEWAGE PANEL (P4)			
ITEM NO.	TAG NO.	DESCRIPTION	NAMEPLATE LEGEND
a	AX-4	ANNUNCIATOR	SEE BELOW
b	LI-2	INDICATOR	0-6 FT.
c	---	NAMEPLATE	WET WELL LEVEL
d	SY-2-1	AUTO-MANUAL STATION	0-100%
e	IL-2-2	RED LIGHT	ON
f	HS-2-3	3 POSITION SWITCH	HAND-OFF-AUTO
g	---	NAMEPLATE	RAW SEWAGE PUMP NO. 1
h	SY-2-2	AUTO-MANUAL STATION	0-100%
i	IL-2-4	RED LIGHT	ON
j	HS-2-4	3 POSITION SWITCH	HAND-OFF-AUTO
k	---	NAMEPLATE	RAW SEWAGE PUMP NO. 2
l	SY-2-3	AUTO-MANUAL STATION	0-100%
m	IL-2-6	RED LIGHT	ON
n	HS-2-7	3 POSITION SWITCH	HAND-OFF-AUTO
o	---	NAMEPLATE	RAW SEWAGE PUMP NO. 3
p	---	---	---
q	---	FUTURE	(PROVIDE CUT OUTS AND FILLER PLATES ONLY)
r	---	---	---
s	---	---	---
t	HS-2-1	2 POSITION SWITCH	WET WELL 1 - WET WELL 2
u	---	NAMEPLATE	WET WELL SELECTOR
v	HS-2-2	6 POSITION SELECTOR	1 - 2 - 3 - 4 - 5 - 6
w	---	NAMEPLATE	RAW SEWAGE PUMP SEQUENCE SELECT
x	---	NAMEPLATE	(SEE PROCESS & INSTRUMENTATION DIAGRAM 1-2, NAMEPLATE)
y	---	PUSHBUTTON	---
z	---	NAMEPLATE	ACKNOWLEDGE
aa	---	PUSHBUTTON	---
ab	---	NAMEPLATE	TEST

ANNUNCIATOR XA-4 SCHEDULE	
POINT NO.	NAMEPLATE
1-1	WET WELL HIGH LEVEL
1-2	WET WELL LOW LEVEL
1-3	EMERGENCY LOW LEVEL
1-4	LOW AIR PRESSURE
2-1	PUMP NO. 1 EMERGENCY
2-2	PUMP NO. 2 EMERGENCY
2-3	PUMP NO. 3 EMERGENCY
2-4	COMBINATOR HIGH TEMPERATURE
3-1	SUMP PUMP SP-1 HIGH LEVEL
3-2	---
3-3	SPARE (DO NOT ENGRAVE)
3-4	---

RECORD DRAWING

DRAWN BY <i>R. E. Hill</i>				DEPT. CHECK <i>E. J. Stearns</i>		PROJ. CHECK <i>R. J. Marshall</i>		MICHAEL EUGENE GRILLI REGISTERED PROFESSIONAL ENGINEER No. CS292 STATE OF MASSACHUSETTS		M&E METCALF & EDDY, INC. / ENGINEERS BOSTON / NEW YORK / PALO ALTO / CHICAGO REG. PROF. ENGR. CALL NO. 292 <i>Michael E. Grilli</i> REG. PROF. ENGR. R.I. NO. 3620		SCALE: NONE		TOWN OF BURRILLVILLE, RHODE ISLAND BOARD OF SEWER COMMISSIONERS WASTEWATER TREATMENT FACILITIES INSTRUMENT CONTROL PANELS - 2 INSTRUMENTATION		JOB #868 FILE NO. H-69046-1 SHEET 1-7	
NUMBER	DATE	MADE BY	CHECKED BY	REVISIONS													