PRIMARY SETTLING TANK NO.1

3"CW & 2"SWS TO OPERATIONS BLDG., FOR CONT. SEE SH. C-4 ℄ EL. 319.70 ⚠1

FIN. GRADE EL. 321.0'

℄ EL 318.0'

PIPE ANCHORS

LIME CONTACT TANK NO.1

LIME CONTACT TANK NO.2

SWS

CW

2"

16"x16" DUCT UP TO ROOF EXH. FAN-12 ON ROOF

3/4" SWS-DN HOSE RACK W/50' OF 3/4" HOSE

1" 3/4" CAP ⚠1

BLENDED SLUDGE PUMPS

UH-24

DEHUMIDIFIER

GUTTER L.P. EL. 307.75'

SP-2, SP-3 SEE DETAIL 15-6.1.4

3" SPD @ EL. 320.0'

SPD

4'-0"x4'-0" SUMP PIT BOTTOM EL. 302.13'

TRENCH L.P. EL. 305.33'

FIN. GRADE EL. 321.6'

PRIMARY GALLERY

PIPE TRENCH

FLOOR H.P. EL. 308.5'

6 GAL. ELEC. WATER HTR. (WH-2) ON WALL BRACKET SEE DETAIL 15-6.2.2

℄ EL 319.0'

4"RL-UP TO 4 R.D. AT EL 324.17

INV. EL. 321.5'

UH-23

UH-25

UH-22

CONTROL PANEL

INV. EL. 321.0'

AIR COMPRESSORS

BLOWER ROOM

INV. EL. 307.25'

3" BACKFLOW PREVENTER - SEE DTL. 15-6.4.1

16"x16" UP TO REF-13 ON ROOF

3"RL-UP

TERMINATE 4" DR. IN PIPE TRENCH

4'-0" ϕ x 15'-2" LONG HYDROPNUEMATIC TANK SEE DTL. 15-4.5

PRIMARY SLUDGE PUMPS

PRIMARY SCUM WELL

HOSE RACK W/50' OF 3/4" HOSE

PIPETRENCH

PRIMARY SETTLING TANK NO.2

MATCH LINE FOR CONTINUATION SEE PART PLAN THIS SHEET

℄ EL. 322.0'

3"SPD

3'-0"x3'-0" SUMP PIT BOTTOM EL. 302.0'

SP-4 (SEE DETAIL 15-6.1.3)

4"DR

INV. EL. 307.5'

TRENCH L.P. EL. 305.0'

TRENCH L.P. EL. 307.42'

3"DR

JAN. SK.

1/2"CW & H.W. DN TO JAN. SK.

TRENCH H.P. EL. 307.5'

3/4" SWS-DN

SAMPLE SINK SEE DETAIL 15-4.20

3/4"CAP

4"DR. IN PIPE TRENCH FOR SAMPLE SINK SEE DETAIL 15-6.0.2

HHWS

HHWR

3/4"HHWS 3/4"HHWR UP

AERATION TANK NO.2

PARTIAL PLAN

PRIMARY SETTLING TANK NO.2

BLOWER ROOM

STAIR NO.5

4"DR-DN TO GUTTER

3/4" SWS-UP

4"DR-UP

BP-1

BP-2

INV. EL. 307.25'

4"FDI

TERMINATE 4" DR. IN TRENCH

3"DROP INTO TRENCH

3"DRAIN & OVERFLOW

7'-6" ϕ x 8'-0" HIGH BREAK TANK ON 6" HIGH CONC. PAD (SEE DTL. 15-4.4)

FL. EL. 308.25'

INV. EL. 320.0'

℄ EL. 316.0'

4"RL FOR CONT. SEE DWG C-1

INV. EL. 317.50'

FIN. GRADE EL. 321.0'

1"CW FROM WELL FOR CONT. SEE SH C-4

FOR STAIR BLDG. NO.1 ABOVE, SEE SH. M-28

AERATION TANK NO.1

3/4" SWS-DN

HOSE RACK W/50' OF 3/4" HOSE

3/4"CAP

℄ EL. 321.5'

UH-26

UH-27

MATCH LINE — FOR CONTINUATION SEE SHEET M-28

RECORD DRAWING

NUMBER	DATE	MADE BY	CHECKED BY	DESCRIPTION
				REVISIONS
⚠1	12-7-77	C DONOVAN	R.L. Fahlvik	MOVED THERMOSTAT AND SWITCH.
				ADDED BREAL TANK & HYDRO SYS. - REV SWS SYSTEM.

DRAWN BY: N. NORBERG
DEPT. CHECK: R.R. Fahlvik, Th Cignal
PROJ. CHECK: R.J. Marshall

MICHAEL EUGENE GRILLI No. 3620 REGISTERED PROFESSIONAL ENGINEER

M&E METCALF & EDDY, INC. / ENGINEERS
BOSTON / NEW YORK / PALO ALTO / CHICAGO

Lawrence E. Tarbox — REG. PROF. ENGR. — MASS. NO. 6681 — 6/23/77 DATE
Michael E. Grilli — REG. PROF. ENGR. — R.I. NO. 3620 — 6-27-77 DATE

SCALE: 0 4 8 12 SCALE IN FEET — SCALE: 1/4" = 1'-0"

UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

TOWN OF BURRILLVILLE, RHODE ISLAND
BOARD OF SEWER COMMISSIONERS

WASTEWATER TREATMENT FACILITIES

PUMP GALLERY LOWER PLAN I

H.V.A.C. & PLUMBING

JOB 4868
FILE NO. H-69953-1
SHEET M-27

MAKEPEACE P-1457