Augusta Sanitary Dist.

WHITMAN & HOWARD, INC.
ENGINEERS AND ARCHITECTS

COPY

August 5, 1980

Department of Human Services
Division of Health Engineering
157 Capital Street
Augusta, Maine 04333

Attn: Mr. J. Hardcastle

Re: Augusta Sanitary District
Sludge Disposal Site

Dear Mr. Hardcastle:

As a follow up to our phone conversation of July 30, 1980 in regard to a plumbing permit for the above referenced project we would like to clarify our position.

Because the "holding tank" is not part of a Subsurface Wastewater Disposal System as defined in the 1980 Plumbing Code we do not feel that a Variance Request is necessary. All wastewater from the tank will be pumped by the Augusta Sanitary District and taken to the Augusta Treatment Facility for disposal (see enclosed Holding Tank Pumper Agreement).

The tank's primary function is to catch any material that is washed off the sludge disposal trucks. For this reason the tank was placed inside the Sludge Disposal Site building. It was then decided to run the sink drain to the tank as well as the floor drains. The water from this infrequently used sink is the only "grey water" that will enter the "holding tank".

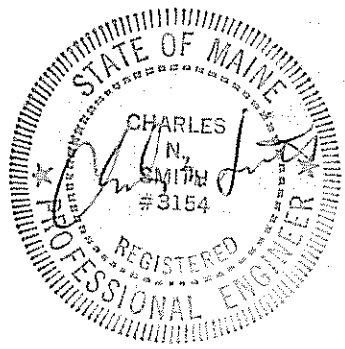
We are enclosing a print of the Sludge Disposal Site building showing the location of the tank and all drain lines running to it. It is hoped that the information provided is sufficient for the issuance of a permit.

Very truly yours,

WHITMAN & HOWARD, INC.

Charles N. Smith, P.E.
Associate

CNS:dr
Enclosures
cc: H. Jackson
✓R. Baker
9138



COPY

HOLDING TANK PUMPER AGREEMENT

PROPERTY OWNER STATEMENT

Department Human Services
Division of Health Engineering
Station #10, State House
Augusta, ME 04333

HOLDING TANK PUMPER

General Information

Name of Business Augusta Sanitary District (ASD) Telephone (207) 622-6184
Business Address 170 Hospital Street, Augusta, Maine 04330
Maximum Capacity of tank truck 4000 gallons
Wastes can be pumped and disposed of: (check one) ☒ all year round ☐ limited to _____ (Month) to _____ (Month)

Wastes will be disposed of at the following Department of Environmental Protection licensed site(s).
Location of site(s): Augusta Wastewater Treatment Facility
or facility Britt Road Augusta, Maine

Agreement

I ASD (Pumper owner), while under contract, will be responsible for the pumping and maintenance of the holding tank on the property of ASD (Property owner), located at ~~XX~~ off Hatch Hill Road
Augusta, Maine (Property's Address)
on the ☒ year round, ☐ seasonal basis

Pumper/Property Owner Contract

I, ASD (Pumper owner), agree to pump and maintain the holding tank for ASD (Property owner), located at ~~XX~~ off Hatch Hill Road, Augusta, Maine (Property Address)
for the contract period of present (month/year) to use of project (month/year) with a new contract contingent upon the following factor's list (dumping site accessibility, costs, etc.)

1. N.A.
2. _____
3. _____

New Agreement/Contract Form

A copy shall be completed at the expiration of this contract and forwarded to the Department for its records. If this is not received by the Department, the Department's original Approval becomes nul and void and therefore, a violation of the Rules.

Property Owner's Signature ASD Thomas B Jackson Date 8-7-80
Pumper Proprieter's Signature ASD Thomas B Jackson Date 8-7-80

(over)

HHE-230 RV7/80

PROPERTY OWNER

I, ASD (Property owner) am the owner of Sludge Disposal Site located at ~~at~~ off Hatch Hill Road, (street) Augusta, Maine (town)

This facility ☒ was constructed
☐ was subdivided on or before expected date of completion September 15, 1980
☐ is proposed

The usage of this facility ☐ has been; ☒ will be: for floor drains & sink drain in the Sludge Disposal Site building.

since Sept. 15, 1980 (date).
(Example: three bedroom summer camp serving a family of five for three weeks in summer and 12 weekends during the rest of the year.)

Proposed method of disposal is: pumping to tanker then taken to Augusta Wastewater Treatment Facility
(The private wastewater disposal system described on the attached Application.)

I recognize that any approval the Division may give will be limited to the usage described above and may be enforced by requiring a covenant of the Deed.

Space for Notary Seal & Signature Below

Kenneth P. Chitton

Owner's Name - Printed Augusta Sanitary District

Address 170 Hospital Street
Augusta, Maine 04330

Signature: Harry B. Jackson Supt.

Date: 8-7-80

MY COMMISSION EXPIRES 3/21/87

August 8, 1980

Augusta Sanitary District
Attn: Harry Jackson, Supt.
170 Hospital Street
Augusta, ME 04330

Subject: Approval for Holding Tank Installation, Augusta Sanitary District property, Hatch Hill Road, Augusta

Dear Mr. Jackson:

This office is in receipt of a plan by Whitman & Howard, Inc., dated July, 1979 for the installation of a holding tank to service the Storage Building for the Sludge Disposal Site.

Also received was a holding tank pumper form signed by Mr. Harry Jackson for the Sanitary District indicating that the contents will be pumped as needed, and disposed at the Augusta Treatment Plant.

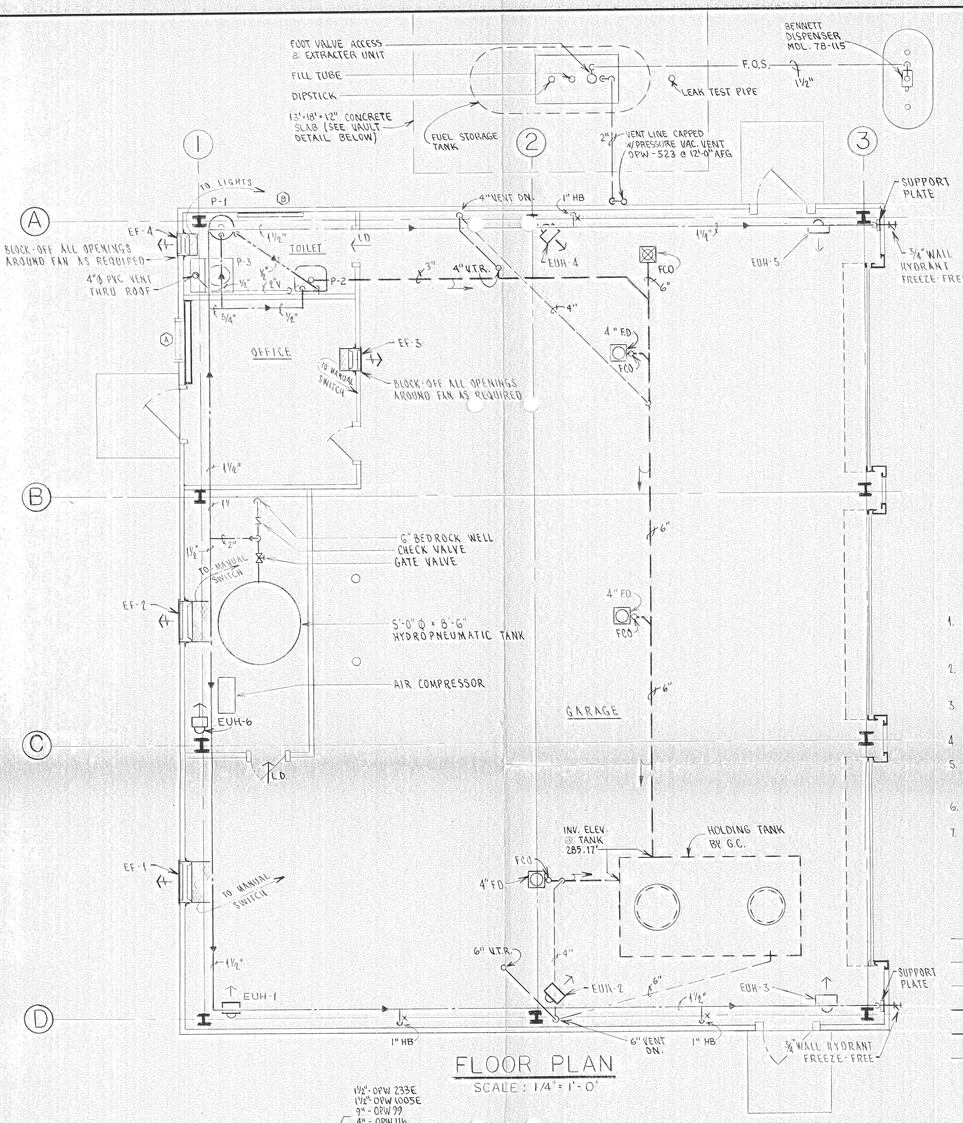
In consideration of the information submitted, this office recommends approval of the holding tank installation.

Final approval is subject to permit by the Local Plumbing Inspector before the construction of this system. The inspector is to be notified before covering the work, and the work is to be left uncovered until his inspection. He shall be supplied with copies of approved plans for his reference at inspection. Approval is also subject to any local ordinances and state laws.

Very truly yours,

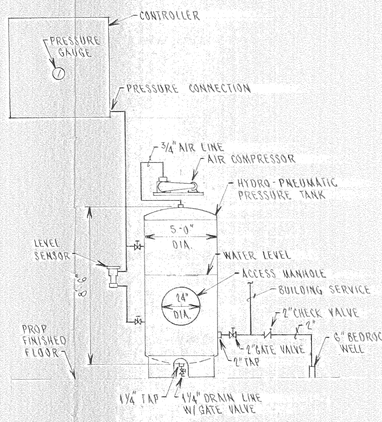
David P. Breau
Plans & Standards Review
Division of Health Engineering

DPB/lh
cc: Richard Baker, LPI
Charles Smith



FLOOR PLAN

SCALE: 1/4" = 1'-0"



WATER SYSTEM SCHEMATIC

NOT TO SCALE

GENERAL NOTES

1. THIS CONTRACTOR SHALL COORDINATE & VERIFY IN FIELD AS TO THE EXACT LOCATIONS OF EQUIPMENT TO PROVIDE CLEARANCES, ACCESSIBILITY & AVOID INTERFERENCE WITH OTHER TRADES OR BUILDING CONDITIONS.
2. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR THE CORRECTNESS OF THE FIELD INSTALLATION INCLUDING THE FURNISHING & INSTALLATION OF ALL NECESSARY SLEEVES & HANGERS.
3. ALL SANITARY, WASTE, DRAINS, VENTS ETC. SHALL BE PITCHED DOWN AT A SLOPE OF ¼"/FT. UNLESS OTHERWISE NOTED.
4. ALL EQUIPMENT SHALL BE INSTALLED AS RECOMMENDED BY THE EQUIPMENT SUPPLIER.
5. ALL FIXTURES REQUIRING SUPPORT SHALL BE SUPPORTED WITH FLOOR STANDING CARRIERS AS MANUFACTURED BY JOSAM, ZURN, SMITH, COMPARABLE MODEL OR EQUAL MAY BE USED.
6. EXACT LOCATION OF FUEL TANK SYSTEM, SEE DWG. ST-1.
7. FUEL OIL STORAGE TANK MUST BE APPROVED BY THE AUTHORITY HAVING JURISDICTION, ALSO THE CONTRACTOR MUST OBTAIN THE PERMIT FOR THE STORING OF FUEL PRIOR TO THE INSTALLATION.

LEGEND

COLD WATER	GATE VALVE
HOT WATER	CHECK VALVE
VENT	F.C.O. FLOOR CLEANOUT
WASTE BURIED	F.O.S. FUEL OIL SUPPLY
PITCH DOWN IN DIRECTION OF ARROW	
DIRECTION OF FLOW	A.F.G. ABOVE FINISHED GRADE
L.D. LOUVER DOOR	T.O.E. THREAD ONE END

FAN SCHEDULE

UNIT NO.	MODEL	CFM	SERVICE	FAN RPM	EST S.P.	MOTOR HP	MOTOR V.	MOTOR PH	ELECT. INTERLOCK	FAN TYPE	REMARKS
EF-1	24P18	1932	GARAGE	645	⅛"	⅙	115	1	MANUAL SWITCH	APB	W/MO. LOUVER
EF-2	24P18	1932	GARAGE	645	⅛"	⅙	115	1	MANUAL SWITCH	APB	W/MO. LOUVER
EF-3	12P10D	150	OFFICE	1050	⅛"	1/40	115	1	MANUAL SWITCH	APD	W/MO. LOUVER
EF-4	12P10D	150	TOILET	1050	⅛"	1/40	115	1	LIGHTS	APD	W/MO. LOUVER

DESIGN BASED ON L. COOK CO.; PENN; AEROVENT, COMPARABLE MODEL OR EQUAL MAY BE USED

ELECTRIC UNIT HEATER SCHEDULE

UNIT NO.	MODEL	BTU	CFM	MTG HT.	ELEMENT KW	ELEMENT V.	ELEMENT Ø	MOTOR HP	MOTOR RPM	MOTOR V/Ø	REMARKS
EUH-1-5	LUH-05-10	17,100	400	8'	5	240	1	1/50	1550	240/1	W/BUILT-IN THERMOSTATS
EUH-6	LUH-02-16	8,900	310	8'	2.6	240	1	1/50	1550	240/1	AND WALL BRACKETS

DESIGN BASED ON CHROMALOX CO.; TRANE CO.; SINGER; COMPARABLE MODEL OR EQUAL MAY BE USED.

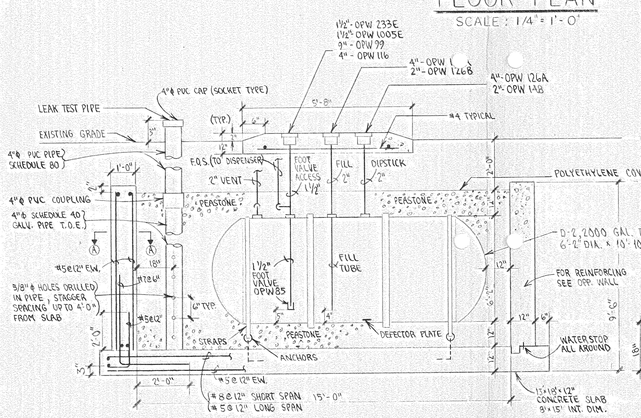
ELECTRIC BASEBOARD SCHEDULE

UNIT NO.	MODEL	LENGTH	WATTS	BTUH	VOLTS	REMARKS
(A)	BB-S1-581	60"	955/1250	3191/4266	240	SUPPLIED WITH UNIT MOUNTED THERMOSTAT
(B)	BB-S1-481	48"	750/1000	2560/3413	240	SUPPLIED WITH UNIT MOUNTED THERMOSTAT

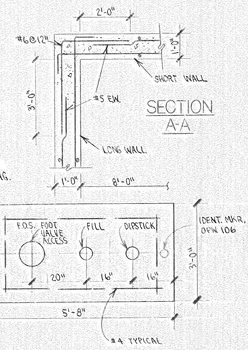
DESIGN BASED ON CHROMALOX CO.; SINGER; TRANE CO.; COMPARABLE MODEL OR EQUAL MAY BE USED.

PLUMBING FIXTURE SCHEDULE

NO.	FIXTURE	MODEL	SOIL WASTE	COLD WATER	HOT WATER	VENT	MANUFACTURER DESIGN	MANUFACTURER APPROVED EQUALS
P-1	ELEC. H.W. HEATER	POINT-OF-USE 15 GAL	—	½"	½"	—	RUUD	A.O. SMITH; RHEEM
P-2	SERVICE SINK	BARNON K-6716	3"	½"	½"	3"	KOHLER	AMERICAN STANDARD; CRANE
P-3	COMPOSTING TOILET	—	—	—	—	4"	MULLBANK	

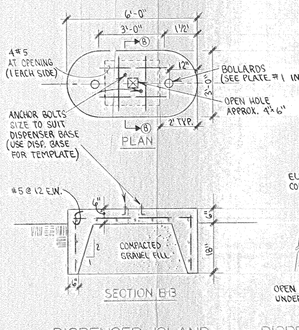


FUEL STORAGE TANK AND VAULT DETAIL



SECTION A-A

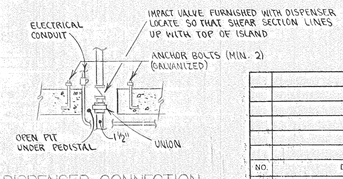
FILL BOXES PLAN



PLAN

SECTION B-B

DISPENSER ISLAND



DISPENSER CONNECTION

NO.	DESCRIPTION	DATE
	REVISIONS	

HVP-1

SLUDGE DISPOSAL SITE
STORAGE BUILDING
AUGUSTA SANITARY DISTRICT
AUGUSTA, MAINE
HEATING, VENTILATING, & PLUMBING
FLOOR PLAN, DETAILS & SCHEDULES

WHITMAN & HOWARD INC.
ENGINEERS AND ARCHITECTS
45 WILLIAM ST. WELLESLEY, MASS.

DESIGNED BY	SCALE	DATE
A.A.A.	AS NOTED	JULY 1979
DRAWN BY S.M.G.	APPROVED	
CHECKED BY C.H.F.	JOB NO. 6-310	SHEET 7 OF 8 SHEETS