

SUB-BASEMENT PLAN

SCHEDULE OF PUMPING EQUIPMENT

LOCATION	SERVICE	NO. REQ'D.	CAPACITY (GPM)	TDH (FT)	MAX. RPM	APPROX. HP	SEAL	DRIVE	PUMP TYPE	REMARKS
OPERATIONS BUILDING SUB-BASEMENT	RAW SEWAGE	3	1600	42	1200	30	WATER	NOTE 4	VERT. NON-CLOG	CAPABLE OF SATISFACTORY OPERATION @ 300 GPM CAPABLE OF PASSING 3" DIA. SPHERE
GALLERY	PRIMARY SLUDGE	2	85	240	1200	10	-	NOTE 2	SIMPLEX PLUNGER	NOTE 6.
	BLENDED SLUDGE	3	100	240	1200	15	-	NOTE 3	DUPLEX PLUNGER	NOTE 6. CAPABLE OF SATISFACTORY OPERATION @ 25 GPM
	RETURN SLUDGE	3	550	57	1800	20	GREASE	NOTE 5	HOR. CENT. NON-CLOG	CAPABLE OF SATISFACTORY OPERATION @ 150 GPM
	FINAL SCUM	2	100	21	1800	5	GREASE	NOTE 1	RECESSED IMPELLER	
	FOAM SPRAY	1	124	52	1800	5	MECH.	DIRECT	CENTRIFUGAL	
	EFF. FLUSHING WATER	2	400	170	3500	30	MECH.	DIRECT	CENTRIFUGAL	CAPABLE OF SATISFACTORY OPERATION @ 120 GPM
	INJECTOR WATER	2	22	225	1800	5	MECH.	DIRECT	TURBINE-TYPE CENT.	PROVIDED WITH RELIEF VALVE & RECIRCULATION PIPE
GRIT CHAMBER	SEPTAGE	1	26	16	450	2	-	NOTE 1	DIAPHRAGM	

NOTES:

1. ADJUSTABLE PITCH PULLEY.
2. LOCAL MANUALLY CONTROLLED VARIABLE-SPEED TRANSMISSION.
3. LOCAL AND REMOTE ELECTRICALLY CONTROLLED VARIABLE-SPEED TRANSMISSION.
4. WOUND-ROTOR MOTOR WITH LIQUID-RHEOSTAT TYPE SECONDARY CONTROLS.
5. EXTERNAL SIGNAL ELECTRIC REMOTE CONTROLLED VARIABLE-SPEED TRANSMISSION.
6. SINGLE BALL-CHECK VALVES.

RECORD DRAWING

NUMBER	DATE	MADE BY	CHECKED BY	DESCRIPTION

DRAWN BY  
*J. F. Simeon*

DEPT. CHECK  
*E. J. Simeon*

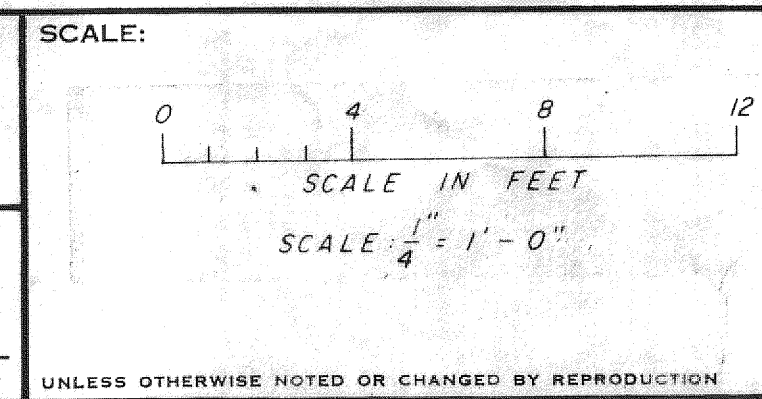
PROJ. CHECK  
*R. J. Marshall*



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

*Lawrence E. Tardos*  
REG. PROF. ENGR. MASS. NO. 5681  
DATE: 6/23/77

*Michael E. Eddy*  
REG. PROF. ENGR. P.E. NO. 3620  
DATE: 6-27-77



TOWN OF BURRILLVILLE, RHODE ISLAND  
BOARD OF SEWER COMMISSIONERS

WASTEWATER TREATMENT FACILITIES

OPERATIONS BUILDING - SUB-BASEMENT PLAN

MECHANICAL

JOB: 4868

FILE NO.: H-69011-1

SHEET: M-2