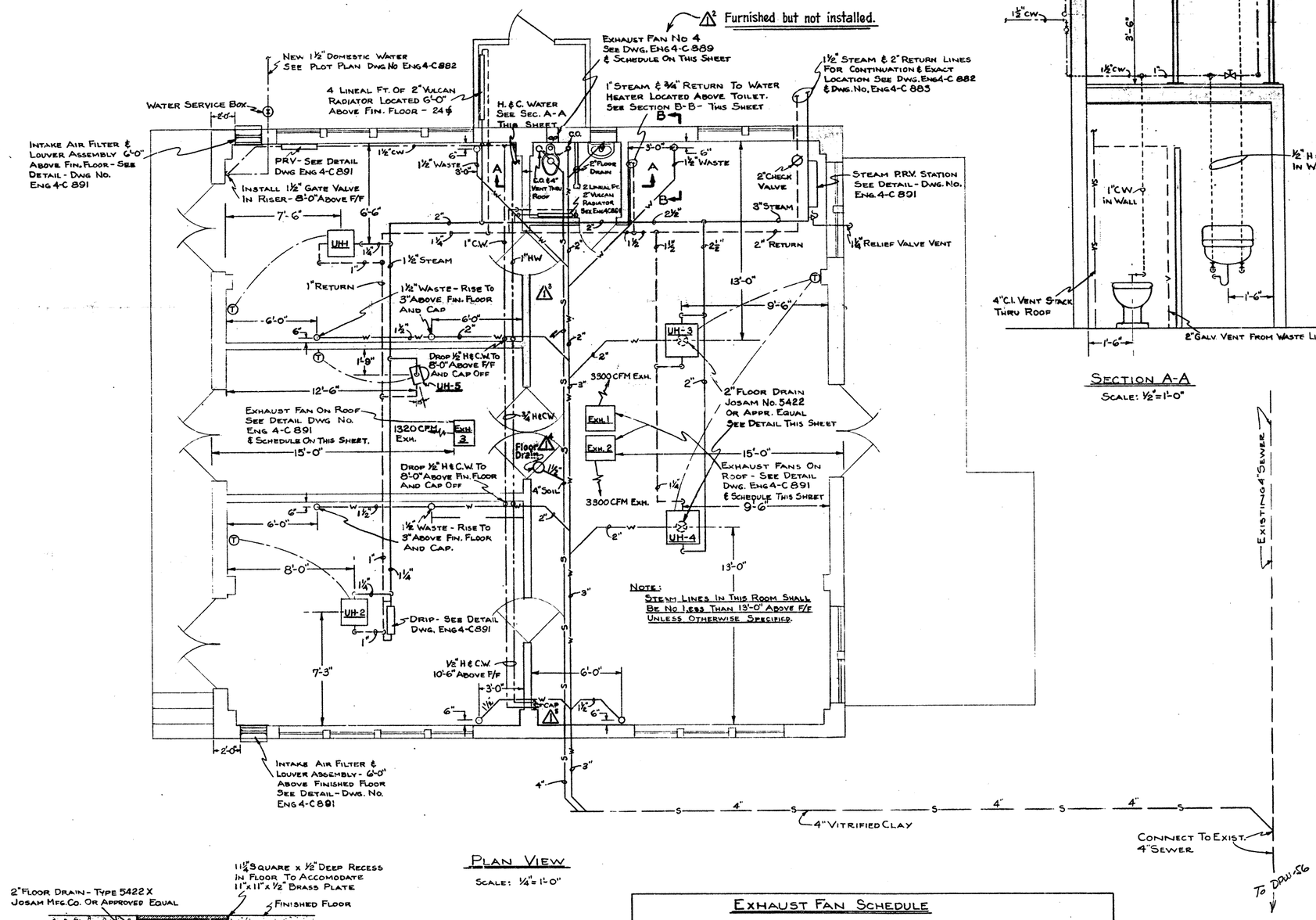
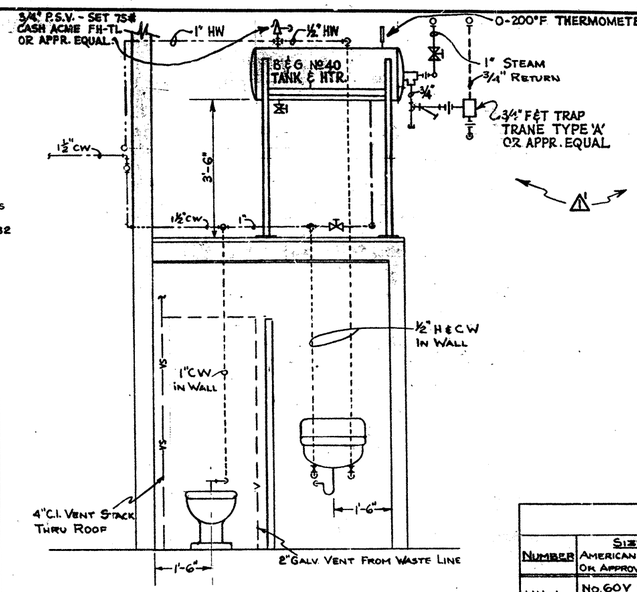


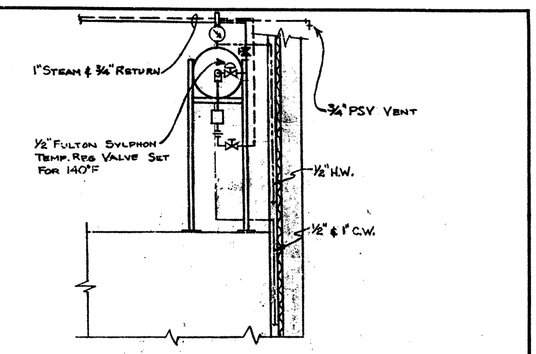
Plan View

Scale: ¼" = 1'-0"



Section A-A

Scale: ½" = 1'-0"



Section B-B

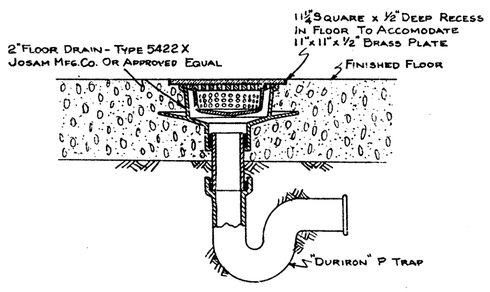
Scale: ½" = 1'-0"

Unit Heater Schedule

Number	Size American Blower Co Or Approved Equal	B.T.U./Hr. 10 PSI Steam & 60°F. Ent. Air	Motor Specifications See Note Below	Air Delivery CFM @ 70°F	Steam Trap Trane Or Approved Equal	Mounting Height Above Fin. Fl.
UH-1	No. 60V With Spark Proof Fan Wheel Vertical	67,000	⅙ H.P. 120V, 1φ, 60~ 1725 RPM - E.P.*	1025	¾" Type "A" Float & Thermostatic	12'-0"
UH-2	No 60V With Spark-Proof Fan Wheel Vertical	67,000	⅙ H.P. 120V, 1φ, 60~ 1725 RPM - E.P.*	1025	¾" Type "A" Float & Thermostatic	12'-0"
UH-3	No. 28GV With Spark-Proof Fan Wheel Vertical	320,000	½ H.P. 120/208V, 3φ, 60~ 1725 RPM - E.P.*	4320	1¼" Type "C" Float & Thermostatic	12'-0"
UH-4	No. 28GV With Spark-Proof Fan Wheel Vertical	320,000	½ H.P. 120/208V, 3φ, 60~ 1725 RPM - E.P.*	4320	1¼" Type "C" Float & Thermostatic	12'-0"
UH-5	No. 41H With Spark-Proof Fan Wheel Horizontal	46,000	1/20 H.P. 120V, 1φ, 60~ 1725 RPM - E.P.*	660	¾" Type "A" Float & Thermostatic	9'-0"

* Note: All Electric Motors & Devices Are To Be Explosion Proof & In Compliance With The Electrical Requirements As Stated In The General Notes On The Electrical Plan, Dwg. No. Eng 4-C 894

For General Notes Relative To This Drawing See Sheet No. 10 Dwg. No. Eng 4-C891



Detail Of Floor Drain

No Scale

Exhaust Fan Schedule

Number	Description Or Approved Equal	Motor Specifications	Air Delivery
Exh-1	Buffalo Forge Co. 20" Type "NV", Heavy Duty "Breezo" Fan With Spark Proof Fan Wheel & Penthouse With Motor Operated Louvers.	½ H.P. 120/208 V 3φ, 60~ Explosion Proof*	3370 CFM @ ¼" S.P.
Exh-2	Buffalo Forge Co. 20" Type "NV", Heavy Duty "Breezo" Fan With Spark Proof Fan Wheel & Penthouse With Motor Operated Louvers.	½ H.P. 120/208V 3φ, 60~ Explosion Proof*	3370 CFM @ ¼" S.P.
Exh-3	Buffalo Forge Co. 16" Type "NV", Heavy Duty "Breezo" Fan With Spark Proof Fan Wheel & Penthouse With Motor Operated Louvers.	⅙ H.P. 120V, 1φ, 60~ Explosion Proof*	1140 CFM @ ¼" S.P.
Exh-4	American Blower Co. Model 5H "Aeropel" Ventilator, Modified To Be Explosion Proof.*		400 CFM Free Air

Furnished but not installed

* See Note At Bottom Of Unit Heater Schedule - This Sheet

OFFICIAL USE ONLY

THIS IS AN OFFICIAL DOCUMENT OF THE UNITED STATES. IT MAY NOT BE PUBLISHED, REPRODUCED, OR USED FOR OTHER THAN OFFICIAL PURPOSES WITHOUT THE PRIOR WRITTEN CONSENT OF THE UNITED STATES ATOMIC ENERGY COMMISSION AND IS SUBJECT TO RECALL. ANY VIOLATION WILL BE SUBJECT TO PUNISHMENT UNDER THE LAWS OF THE UNITED STATES.

NO.	DATE	REVISIONS	BY	CK.	PROJ. ENGR.	A.E.C. APP.
5	11-10-50	REV. "AS BUILT" - RAISED HW TANK, OMIT EXHAUST FAN #4, 5 DRAUGHT FAN, ADDED FLOOR DRAIN, OMIT 2" CLEANOUT & 3" VENT STACK.	J.A.S.	R.R.C.		

RECORD DRAWING - AS BUILT CONSTRUCTION

SUBMITTED	RECOMMENDED	APPROVED
FOWL LAB. DIR.	CHIEF - LAB. ENGR. DIV.	CHIEF - CONST. DIV.

AUTHORIZED FOR: HEATING - R.R.B. PROC. SEC. ELECT. - R.R.B. STR. COMM.

U. S. ATOMIC ENERGY COMMISSION
SANTA FE OPERATIONS OFFICE
LOS ALAMOS, NEW MEXICO

BLDG. DPW-61
TA-21
PLUMBING, HEATING, & VENTILATION

AEC COST ACC'TING CODE NO.	
DRAWN	PAXTON
CHECKED	
A-E APPROVED	
DESIGN	EVALS
PROJ. ENGR.	
C & M GP. LEADER	
SCALE	NOTED
DATE	6/30/50
LAB. DWG. NO.	ENG. 4-C890

SUBMITTED: CHIEF ARCHITECT ENG. — RECOMMENDED: Paul A. Wilson, AEC. — APPROVED: Ralph Johnson, AEC.

LOS ALAMOS SCIENTIFIC LABORATORY
DEPARTMENT OF ENGINEERING
CONSTRUCTION & MAINTENANCE GROUP

AEC. DRAWING NO. SFA-1U-9 — SHEET 9 OF 13

LAB. JOB NO. 583

10420