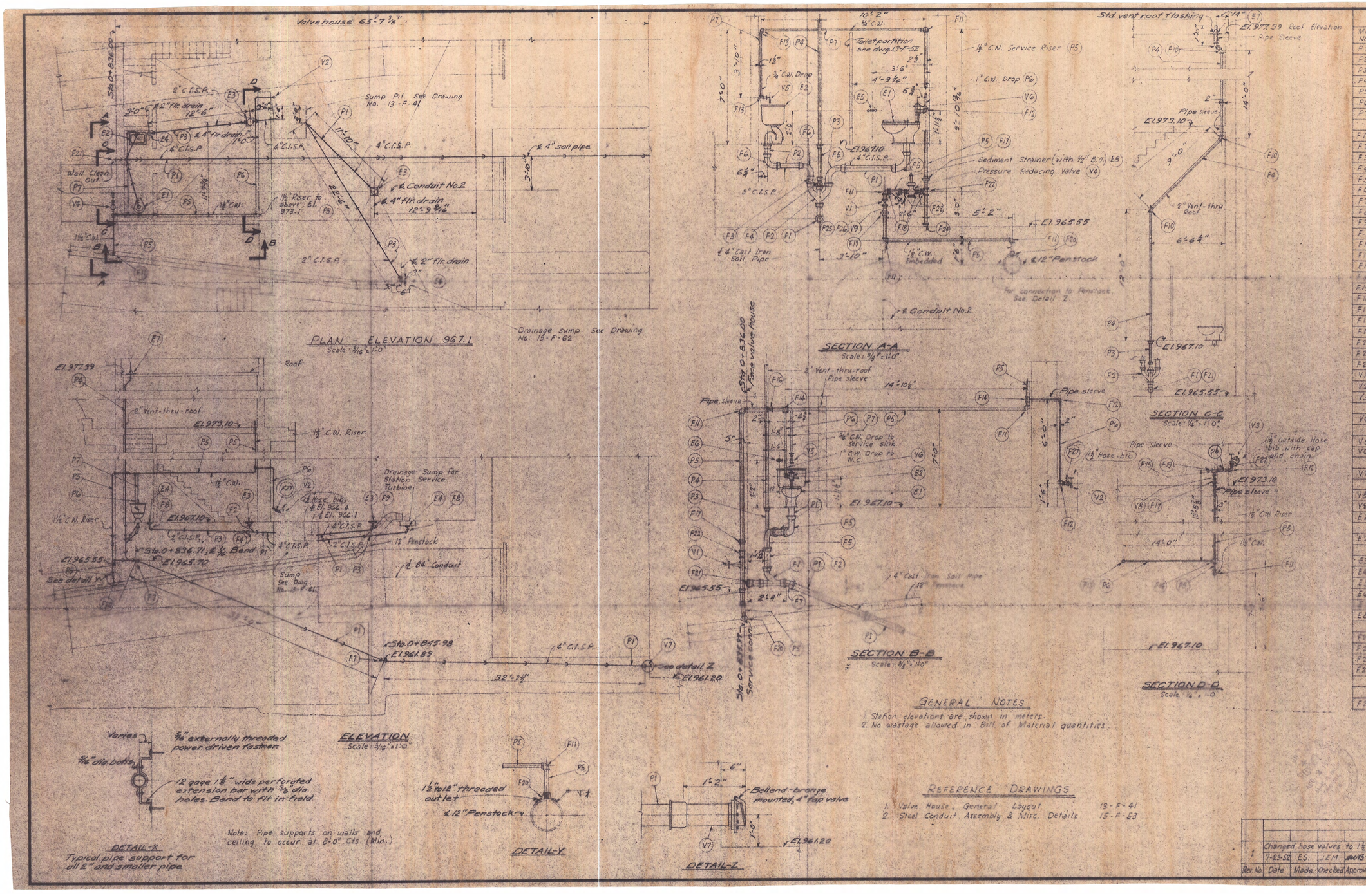

BILL OF MATERIAL

Mk. No.	Description	No. Required
P1	C.I. Soil Pipe, 4" Single Hub, Standard Weight	90'-0
P2	C.I. Soil Pipe, 3" Single Hub, Standard Weight	10'-0
P3	C.I. Soil Pipe, 2" Single Hub, Standard Weight	40'-0
P4	Steel Pipe, 2" Stnd. Wt., Galv. with threads & couplings	40'-0
P5	Steel Pipe, 1 1/2" Stnd. Wt., Galv. with threads & couplings	60'-0
P6	Steel Pipe, 1" Stnd. Wt., Galv. with threads & couplings	28'-0
P7	Steel Pipe, 3/4" Stnd. Wt., Galv. with threads & couplings	6'-0
F1	Combination Y & 1/8 bend, 4" C.I. Soil Pipe BSB	1
F2	Double upright Y branch, 4" C.I. Soil Pipe BBB	1
F3	Reducer, 4" x 3" C.I. Soil Pipe B.&S.	2
F4	Reducer, 4" x 2" C.I. Soil Pipe B.&S.	2
F5	Long Sweep quarter bend, C.I. Soil Pipe 4"	2
F6	Short Sweep quarter bend, C.I. Soil Pipe 3"	2
F7	Sixteenth bend, C.I. Soil Pipe 4"	2
F8	Short Sweep quarter bend, C.I. Soil Pipe 2"	2
F9	Short Sweep quarter bend, C.I. Soil Pipe 3"	1
F-10	45° Elbow, 150# M.I. Galv. 1/2"	4
F11	90° Elbow, 150# M.I. Galv. 1 1/2"	5
F12	90° Elbow, 150# M.I. Galv. 1"	5
F13	90° Elbow, 150# M.I. Galv. 3/4"	3
F14	Reducing Tees, 150# M.I. Galv. 1 1/2" x 1" x 1"	2
F15	Reducing Tees, 150# M.I. Galv. 1 1/2" x 1" x 1/2"	1
F16	Reducing Tees, 150# M.I. Galv. 1 1/2" x 1 1/2" x 3/4"	1
F17	Union, Female, 150# M.I. Galv. Gasket type 1 1/2"	3
F18	Nipples with Running thread, Galv. 3/4" x 1 1/2"	5
F19	Brass Plug, Square Head, 1 1/2"	1
F20	Threaded outlet, Screwed 1 1/2" x 12" Crane "Weld-o-let"	1
F21	4" C.I. Ferrule with Square Head Brass Plug	1
F22	Straight Tee, 150# M.I. Galv. 1 1/2" x 1 1/2" x 1 1/2"	2
V1	Gate Valve, 1 1/2" Brass Scr. with Wedge Disc, Crane No. 437	1
V2	Angle Hose Valve 1 1/2" Brass Scr. Crane No. 117	1
V3	Angle Hose Valve 1 1/2" Brass Scr. Crane No. 117 with brass cap & chain	1
V4	Pressure Reducing Valve, Diaphragm type, C.M. Bailey No. 30, 1" Set. 40 GPM from 150# to 60#	1
V5	Sediment Faucet with 3/4" A.S.A. Hose threads	1
V6	1" x 1 1/2" Flush Valve, Sloan "Crown" No. 110 F with Angle Screwdriver Stop Valve.	1
V7	Bell End, Bronze Mounted Flap Valve 4" C.I. with Flanged Connection, Clow-National No. F1458	1
V8	Brass stop cock, 1 1/2", 125# Round wing, lever handle	1
V9	Gate Valve, 1 1/2" Brass Scr. Double Disc, Crane No. 440	1
E1	Water Closet, Vitreous China, Siphon Jet, Kohler Rockwell - K-4260 ET with K4811 Black Seat.	1
E2	Service Sink, Vitreous China, Kohler "Secor" No. K-5721 D with K-5237 trap, standard.	1
E3	Cesspools, 4" C.I., Bottom Spigot Outlet, Josam V-114	2
E4	Cesspools, 2" C.I., Bottom Spigot Outlet, Josam V-112	2
E5	Paper holder, Crane No. 811 with wood roller.	1
E6	Soap Dish, Chrome plated, Crane No. 818	1
E7	[illegible]	1
E8	Y Pattern Sediment Strainer, Iron Body, Screwed, 1/2"	1
F23	Reducer, 150# M.I. Galv. 1 1/2" x 1"	2
F24	Cap, 150# M.I. Galv. 1 1/2"	1
F25	Bushing, Iron, Inside Hex. Galv. 1" x 1/2"	1
F26	Nipple with Running Thread, 1/2" x 1 1/2"	1
	Lead	230#
	Hemp	8#
F27	Increaser, 1" to 1 1/2" 150# M.I. Galv.	2

Rev. No.	Date	Made	Checked	Approved
1	7-23-52	E.S.	J.E.M.	[illegible]

Changed hose valves to 1 1/2"

MORRISON - KNUDSEN AFGHANISTAN, INC.

KAJAKAI DAM
IRRIGATION TUNNEL
VALVE HOUSE
PLUMBING & DRAIN LINES - DETAILS

INTERNATIONAL ENGINEERING CO., INC.

DESIGNED J.E.M. CHKD. [illegible] SUBMITTED [illegible]
DRAWN J.E.M. INSP. [illegible] RECOMMENDED [illegible]
APPROVED [illegible]

15-F-61 R1

SAN FRANCISCO, CAL.
DATE April 7, 1952