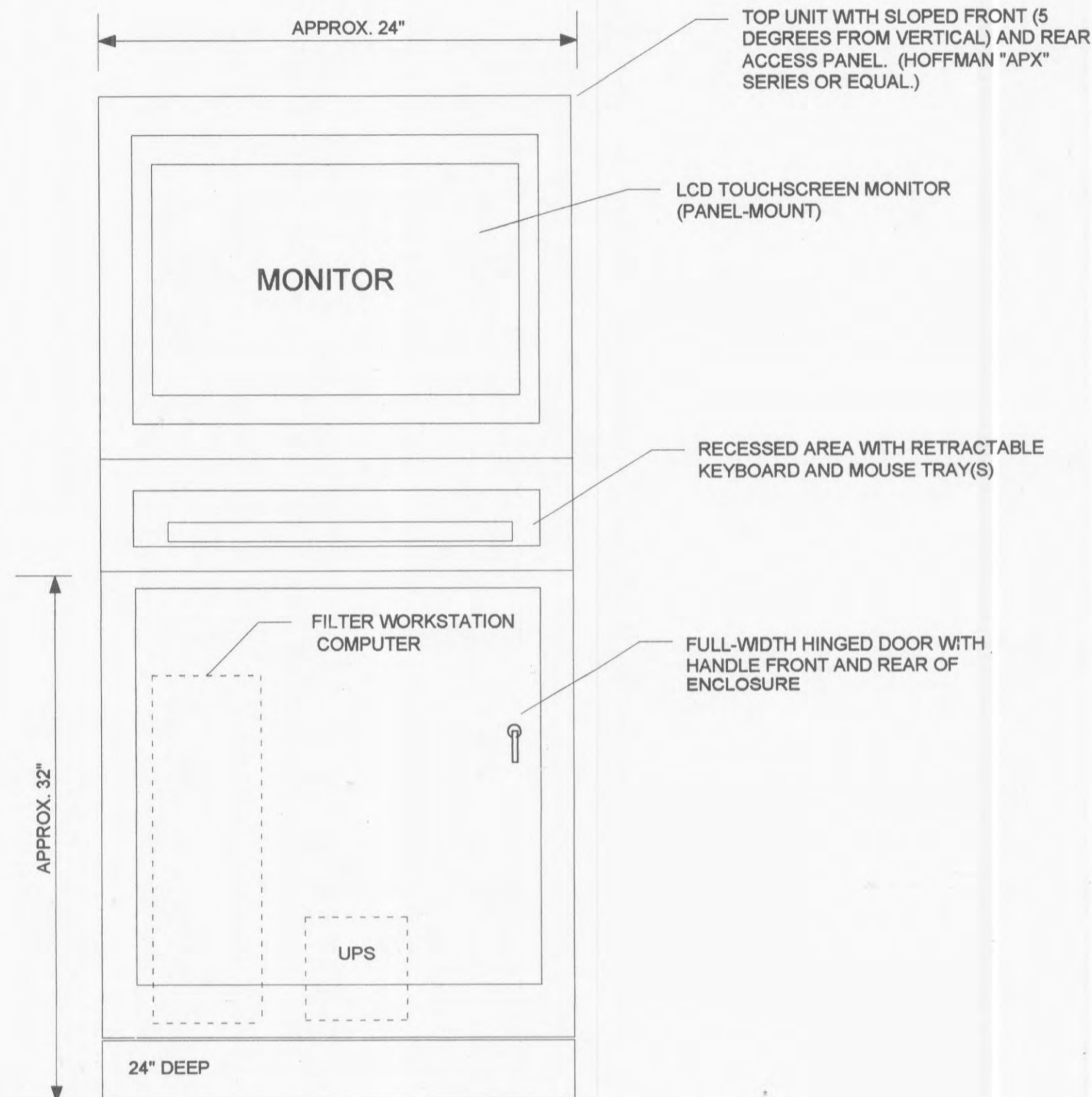


**NAMEPLATE LEGEND**

- 1 CHEMICAL UNLOADING PANEL (CUP)
- 2A FLUORIDE
- 2B SODIUM HYDROXIDE (NaOH)
- 2C SODIUM HYPOCHLORITE (NaOCl)
- 2D SULFURIC ACID (H<sub>2</sub>SO<sub>4</sub>)
- 3 HIGH LEVEL ALARM
- 4 TANK FULL
- 5A FLUORIDE TANK (FST-1) LEVEL
- 5B SODIUM HYDROXIDE TANK (CST-1) LEVEL
- 5C SODIUM HYPOCHLORITE TANK SHST-1 LEVEL
- 5D SODIUM HYPOCHLORITE TANK SHST-2 LEVEL
- 5E SULFURIC ACID TANK (SAST-1) LEVEL
- 6 HORN SILENCE

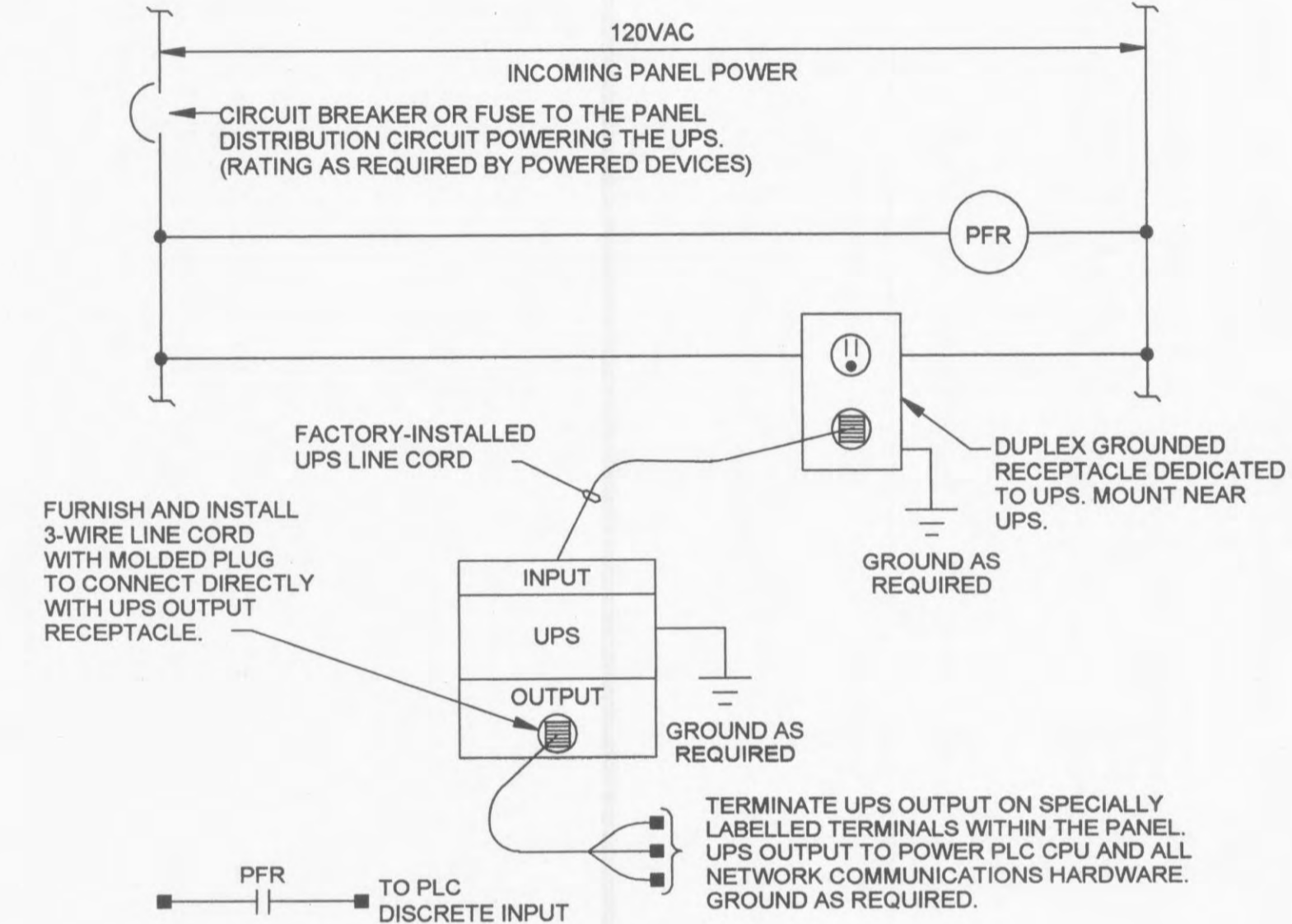
**CHEMICAL UNLOADING PANEL (CUP)**

NO SCALE (36"H X 30" W X 8" D)



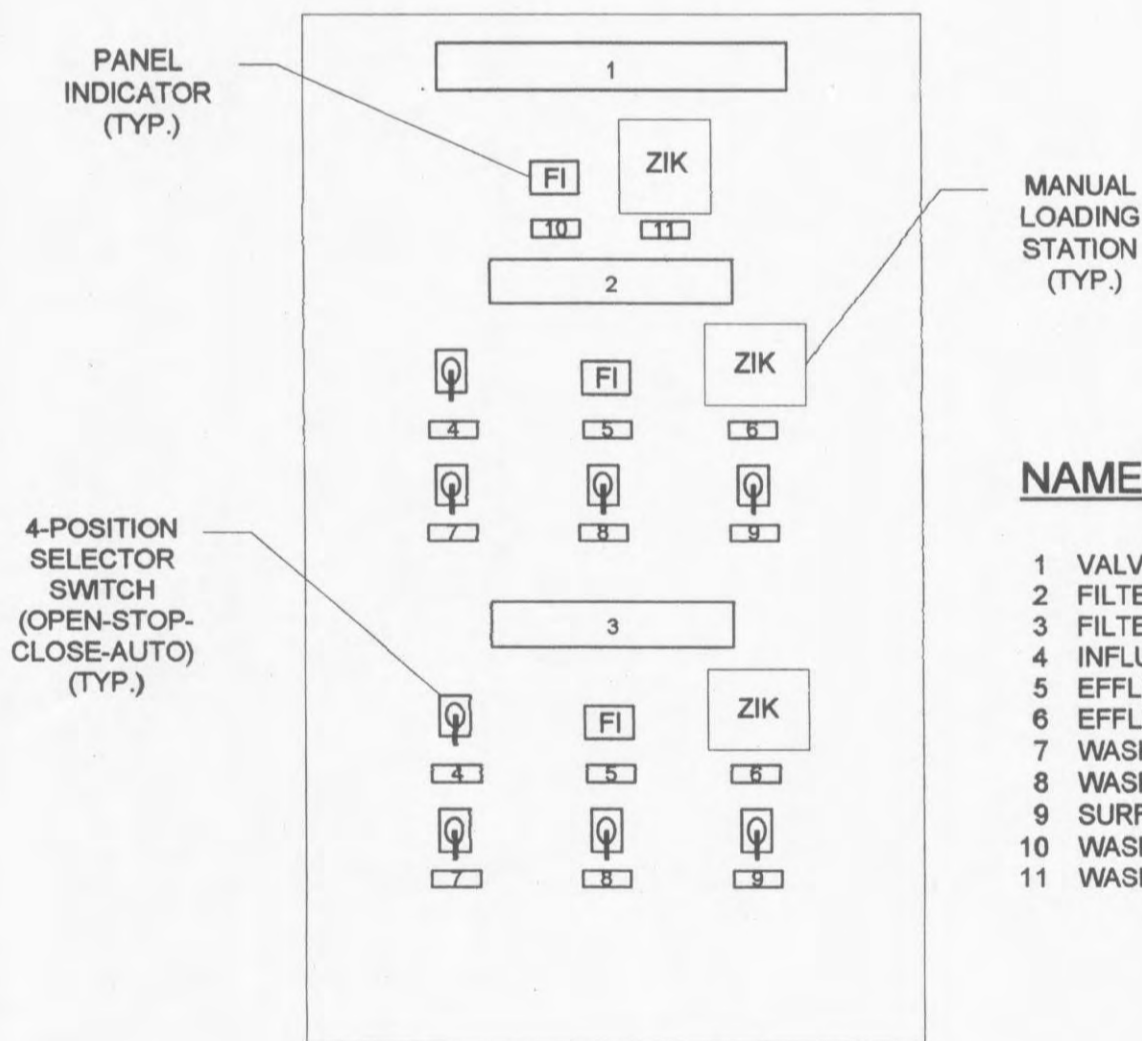
**FILTER WORKSTATION ENCLOSURE**

TYPICAL FOR FWS1 AND FWS2



**PLC ENCLOSURE PARTIAL SCHEMATIC (TYPICAL UPS INSTALLATION)**

TYPICAL FOR ENCLOSURES FOR PLC C, PLC E, PLC F, PLC P, AND PLC T3.

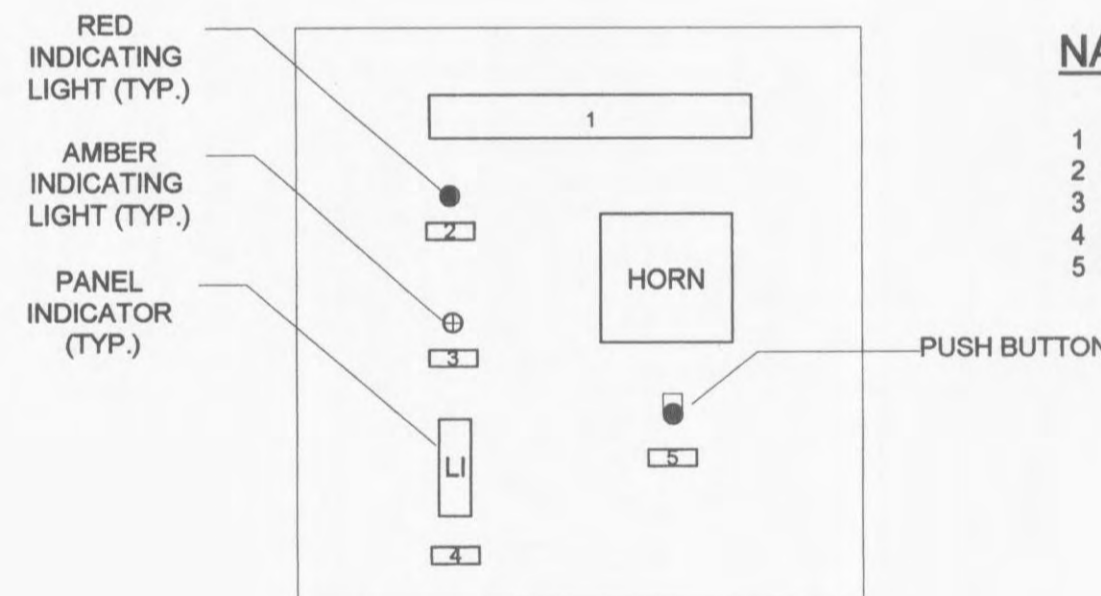


**NAMEPLATE LEGEND**

- 1 VALVE CONTROL PANEL VCP1 [VCP2]
- 2 FILTER NO. 1 [NO. 3]
- 3 FILTER NO. 2 [NO. 4]
- 4 INFLUENT VALVE
- 5 EFFLUENT FLOW RATE (MGD)
- 6 EFFLUENT VALVE POSITION (% OPEN)
- 7 WASH WATER DRAIN VALVE
- 8 WASH WATER SUPPLY VALVE
- 9 SURFACE WASH VALVE
- 10 WASH WATER FLOW RATE (MGD)
- 11 WASH WATER CONTROL VALVE POSITION (% OPEN)

**FILTER VALVE CONTROL PANEL**

NO SCALE-TYPICAL FOR VCP1 AND VCP2 (36"H X 20" W X 10" D)



**NAMEPLATE LEGEND**

- 1 AQUA AMMONIA UNLOADING PANEL (AAUP)
- 2 HIGH LEVEL ALARM
- 3 TANK FULL
- 4 AQUA AMMONIA TANK (AMST-1) LEVEL
- 5 HORN SILENCE

**AQUA AMMONIA UNLOADING PANEL (AAUP)**

NO SCALE (18" X 18" W X 8" D)

NO.	BY	DATE	DESCRIPTION
2	1		CONFORMED TO CONSTRUCTION RECORDS
1			ADDENDUM
			DATE
			REVISIONS AND RECORD OF ISSUE
			CYMET ID: 97515-300-1-10000000
			XREF1 ID:
			XREF2 ID:
			XREF3 ID:
			XREF4 ID:
			XREF5 ID:
			USER:
			SW:

\*THIS DRAWING WAS ORIGINALLY APPROVED FOR CONSTRUCTION BY 10-08-2001 AND SEALED BY JOHN E. ROUSH JR. A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF MISSOURI, NO. E-28417.



CITY OF O'FALLON, MISSOURI  
WATER TREATMENT PLANT  
PANEL LAYOUT DETAILS

DESIGNED:	JER
DETAILED:	JER
CHECKED:	MJP
APPROVED:	JER
DATE:	10/08/01
PROJECT NO.	97515
	N22
SHEET OF	95 OF 96