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(Document # 34208)

Whole image OVD - child

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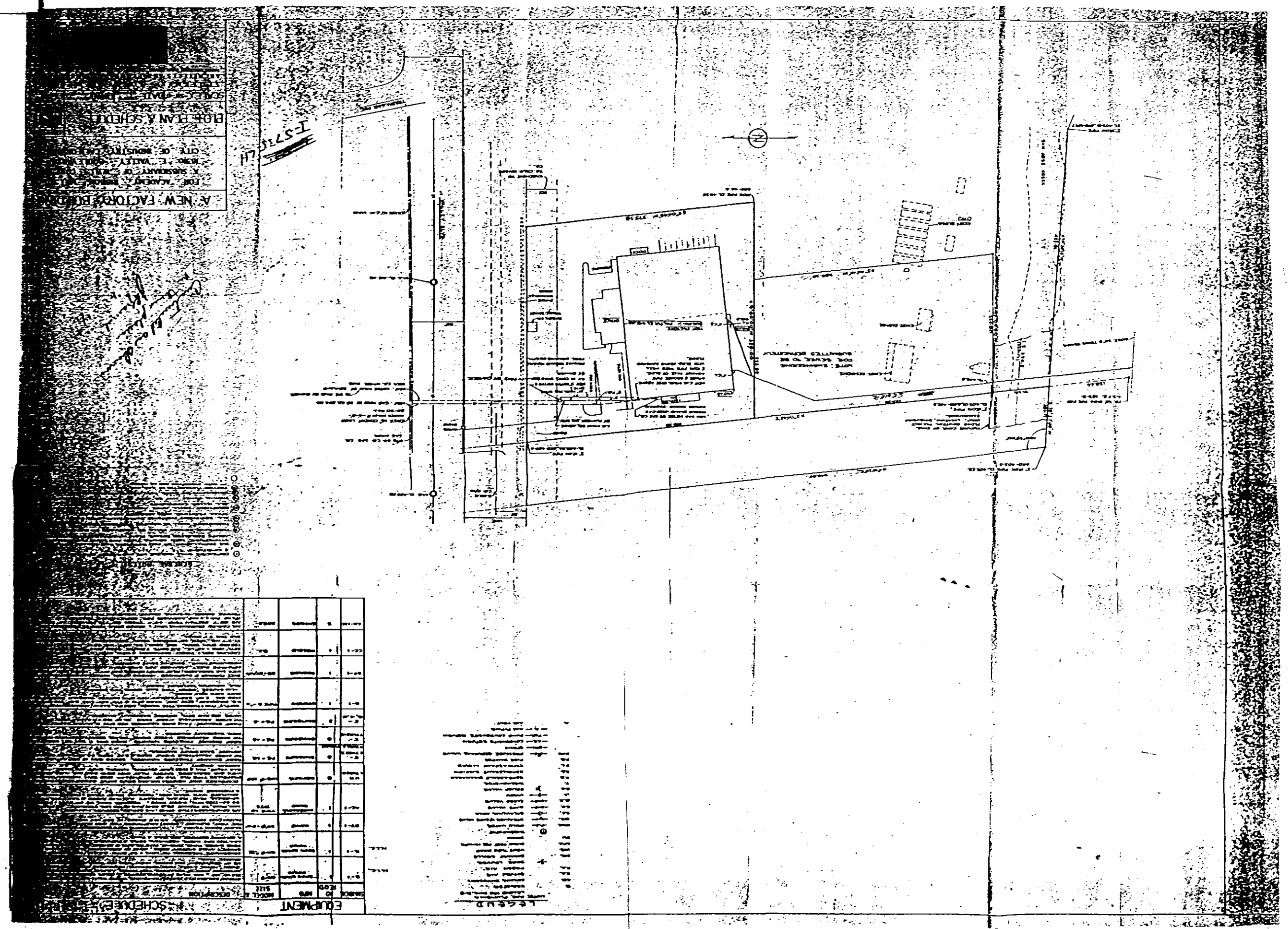
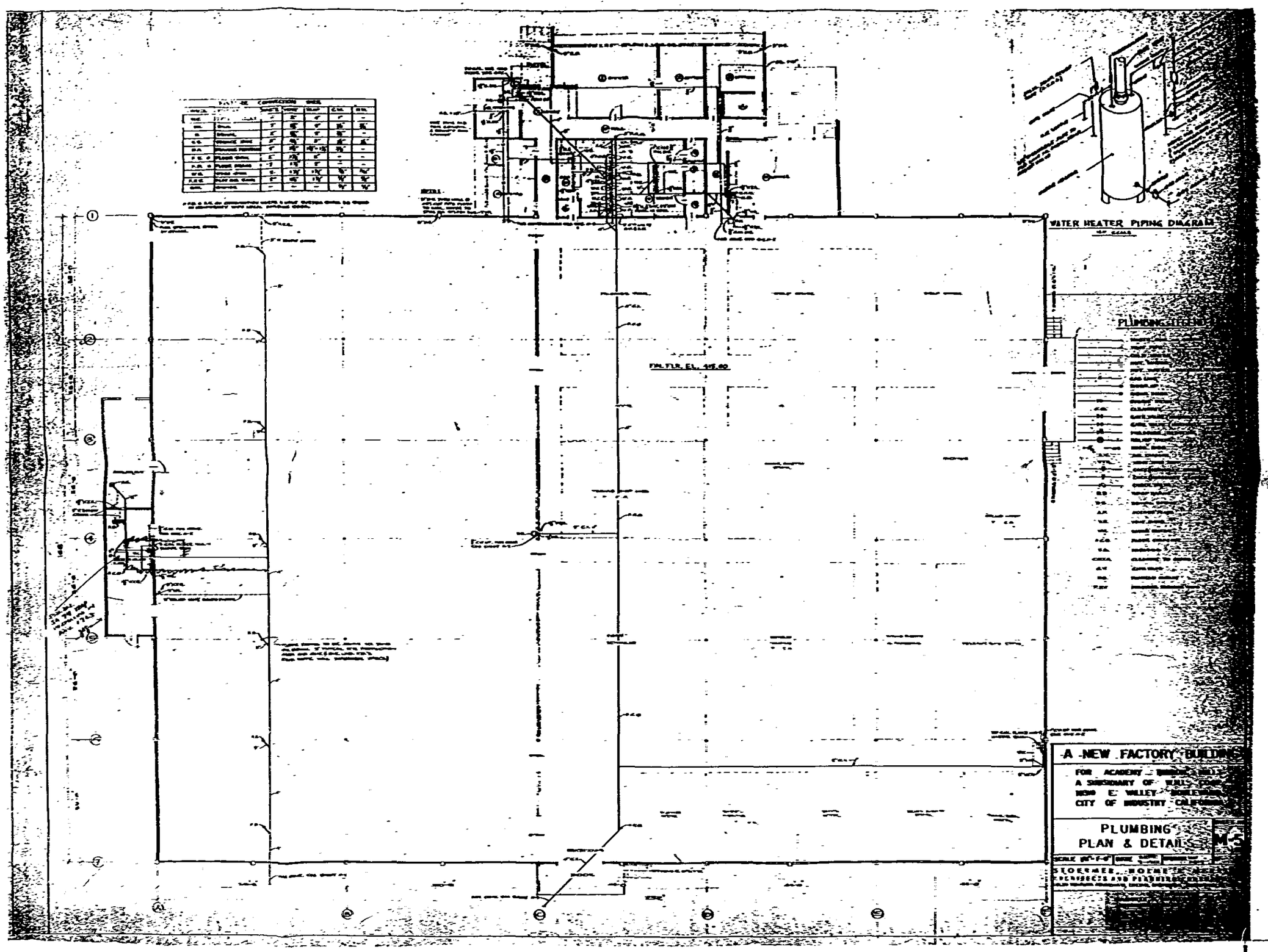

A NEW FACTORY BUILDING
PLOT PLAN & SCHEDULE
EQUIPMENT
LEGEND


WATER HEATER PIPING DIAGRAM
PLUMBING SITE PLAN
FIN. FLR. EL. 415.00
A NEW FACTORY BUILDING
PLUMBING
PLAN & DETAILS
M3

00070493

EQUIPMENT SCHEDULE

WH-1	[illegible]
WH-2	[illegible]

UTILITY INFORMATION

	WATER	WASTE	GAS CAP.	LOWEST RUN
PRESSURE AVAILABLE	[illegible]			
FIXTURE UNITS (EXIST)	90	84		
FIXTURE UNITS (NEW)	125	75		
TOTAL FIXTURE UNITS	215	159		
GALLONS PER MINUTE	90			
STEAM BOILER			1050	
DOMESTIC WATER HEATERS			36	
SPACE HEATING			1330	
MANUFACTURING EQUIPMENT			1215	
FUTURE GAS USE			4634	
TOTAL GAS USE			8375	

TOTAL DEVELOPED LENGTH AVAILABLE TO FURTHEST OUTLET	400'
AVERAGE PRESSURE DROP IN C.W. LINE	6#/100'
AVERAGE PRESSURE DROP IN H.C. LINE	5#/100'
REQUIRED WATER PRESSURE OUTLET SIDE OF PRESSURE REDUCING VALVE	70 P.S.I.

FIXTURE SCHEDULE

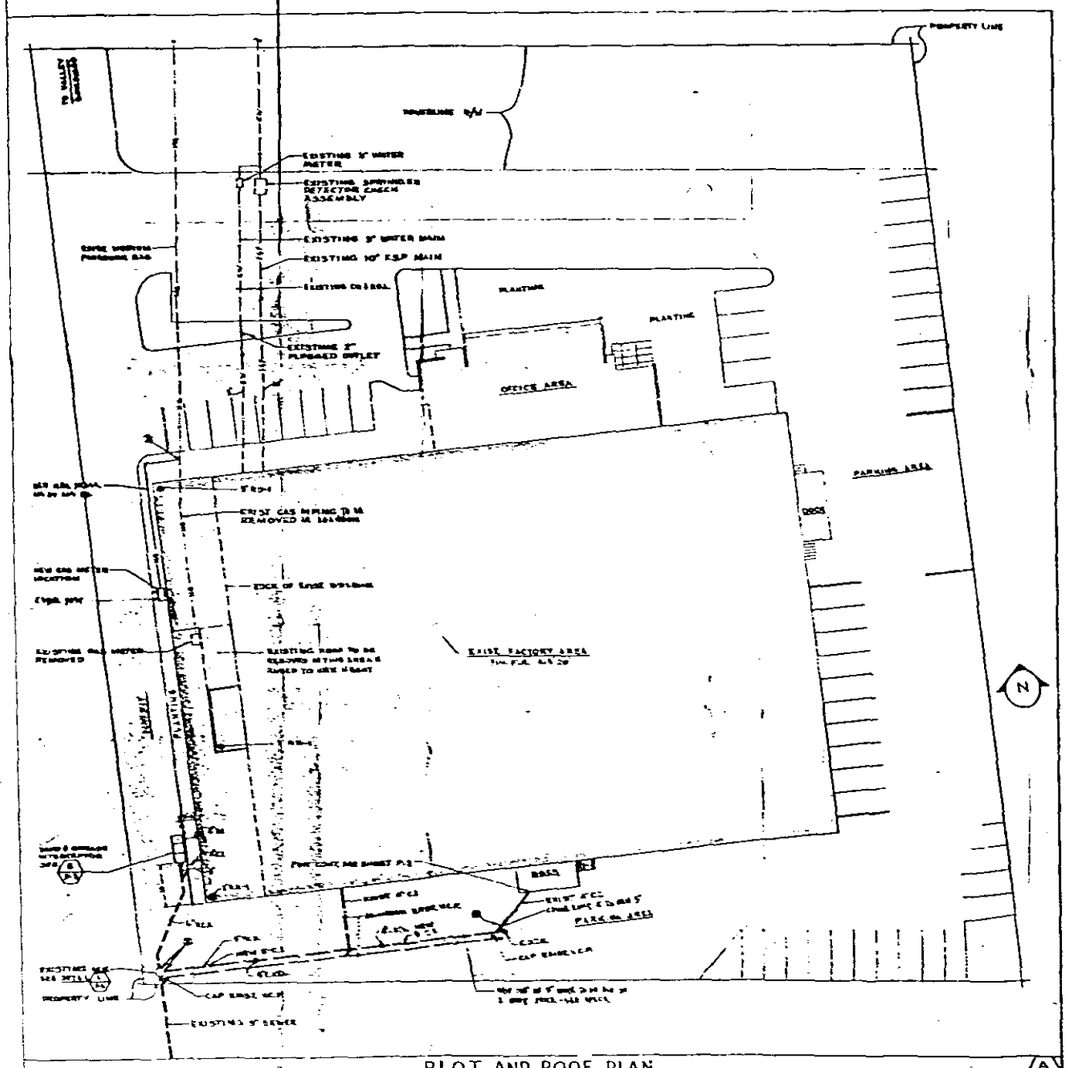
FIXTURE	ABBRV.	C.W.	H.W.	W.	V.	TRAP	REMARKS
WATER CLOSET	WC-1	1½"		5"	2"	WTC	[illegible]
LAVATORY	L-1	1/2"	1/2"	2"	1-1/2"	1-1/2"	[illegible]
URINAL	U-1	1"		2"	1-1/2"	WTC	[illegible]
SERVICE SINK	SS-1	1/2"	1/2"				
ELECT. WATER CLR.	EWC-1	1/2"		2"	1-1/2"	1-1/2"	1-1/2"	[illegible]
FLOOR SINK	FS-1			2"	1-1/2"	2"	
FLOOR DRAIN	FD-1			2"	1-1/2"	2"	
HOSE BIBB	H.B.-1	3/4"					
WASH SINK	WS-1	1/2"		2"	1-1/2"	1½"	3 FAUCETS
SINK	S-1	1/2"		2"	1-1/2"		
EMERGENCY SHOWER AND EYE WASH	SW-1	1"	—	—	—	—	[illegible]

LEGEND

SYMBOL	DESCRIPTION	ABBREV.
	[illegible] BELOW FLOOR	W
	[illegible] ABOVE FLOOR	W.
	[illegible]	V.
	[illegible] WATER PIPING	C.W.
	[illegible] PIPING	H.W.
	[illegible] WATER RETURN	H.W.R.
	[illegible]	G
	[illegible] DRAIN ABOVE FLOOR	S.D.
	[illegible]	W.S.P.
	[illegible]	S.S.P.
	[illegible] DRAIN BELOW FLOOR	S.D.
	[illegible]	U
	LAVATORY	L
	[illegible] SINK	S.S.
	ELECTRIC WATER COOLER	E.W.C.
	SINK	S
	WATER CLOSET	W.C.
	FLOOR SINK	F.S.
	FLOOR DRAIN	F.D.
	ROOF DRAIN	R.D.
	OVERFLOW DRAIN	O.D.
	FLOOR CLEAN-OUT	F.C.O.
	WALL CLEAN-OUT	W.C.O.
	HOSE BIBB	H.B.
	WALL HYDRANT IN BOX	W.H.
	GATE VALVE	G.V.
	GATE VALVE IN VAULT	G.V.
	BALANCING COCK	B.C.
	GLOBE VALVE	G.V.
	CLEAN-OUT TO GRADE	C.O.T.G.
	FIRE HOSE RACK	F.H.R.
	VENT THRU ROOF	V.T.R.
	[illegible]	
	PRESSURE REDUCING VALVE	P.R.V.
	BACKFLOW PREVENTER	B.P.
	RELIEF VALVE	R.V.
	[illegible]	
	[illegible] ELEVATION OF PIPE	
	[illegible] OF FLOW	
	FIRE CAP	
	FIRE HORN	
	DRY STANDPIPE VALVE	
	THERMOMETER	
	RISE IN PIPE	
	DROP IN PIPE	
	CLEAN-OUT IN LINE ABOVE FLOOR	
	AIR PIPE	AIR
	BELOW	BEL.
	PRESSURE GAGE	
	FIRE SPRINKLER PIPE	F.S.P.
	EXISTING WASTE BELOW FLOOR	
	POINT OF CONNECTION	P.O.C.
	UNIT HEATER	U.H.
	AIR VALVE	
	EXISTING AIR PIPE	
	EXISTING COLD WATER PIPE	
	EXISTING GAS PIPE	
	EXISTING MOBILEHOME EQUIPMENT MONITOR	
C.I.	CAST IRON PIPE	
D.I.	DUCTILE IRON PIPE ACID RESISTING	
V.C.P.	VITRIFIED CLAY PIPE	

GENERAL NOTES

1. [illegible]
2. [illegible]
3. [illegible]
4. [illegible]
5. [illegible]
6. [illegible]
7. [illegible]
8. [illegible]
9. [illegible]



PLOT AND ROOF PLAN
SCALE 1"=20'

SHONDECK ELECTRIC CO.	MOSETT-MARTIN & ASSOCIATES, INC.	ERIC ENGINEERS & ASSOCIATES	COMMUNITY DESIGN ASSOCIATES	CINCH-MONADNOCK PLANT 16300 EAST VALLEY BOULEVARD, CITY OF INDUSTRY, CALIFORNIA	ADDITIONS AND ALTERATIONS PLOT, ROOF PLAN & LEGEND PLUMBING

NO.	DATE	REVISIONS

P-1

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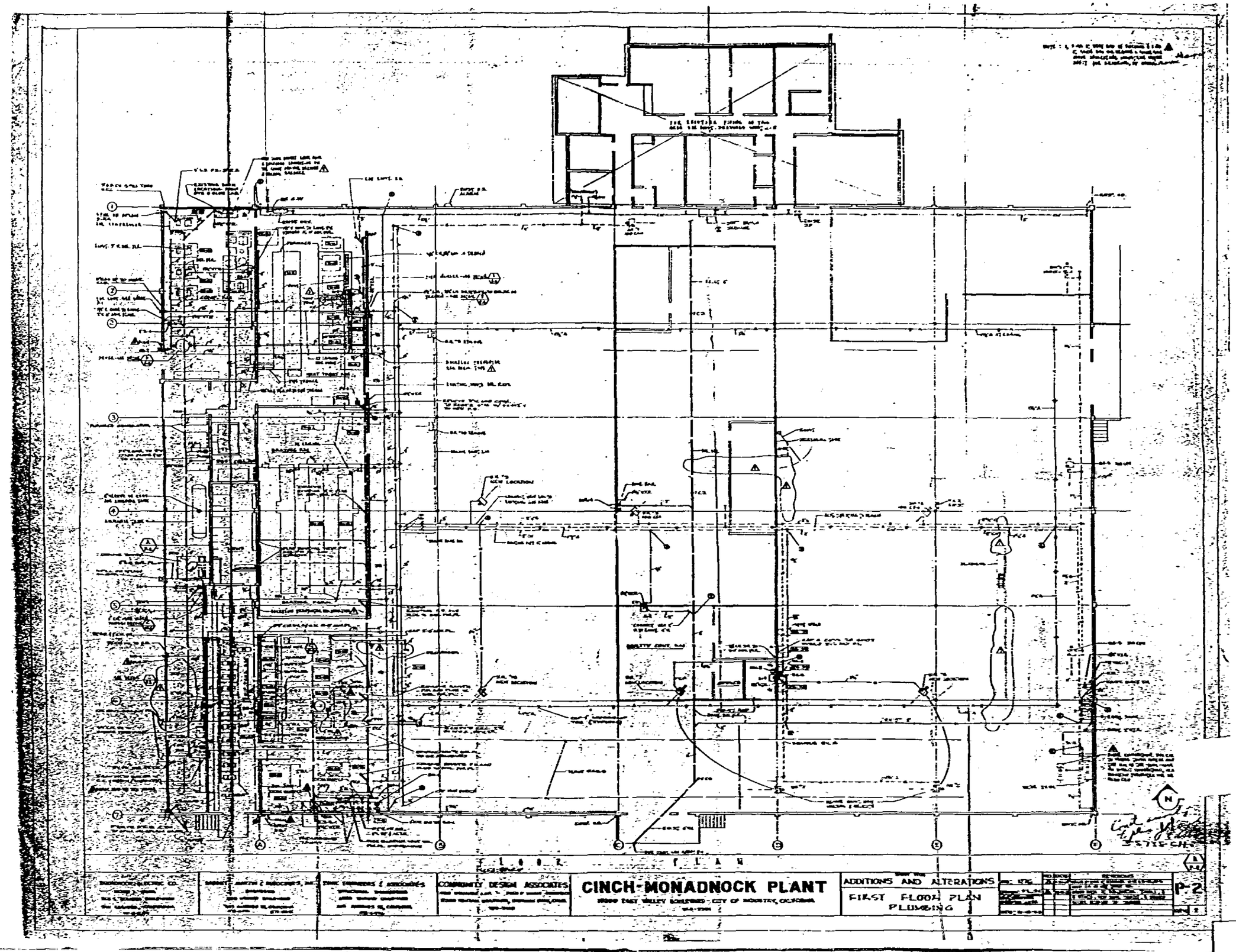
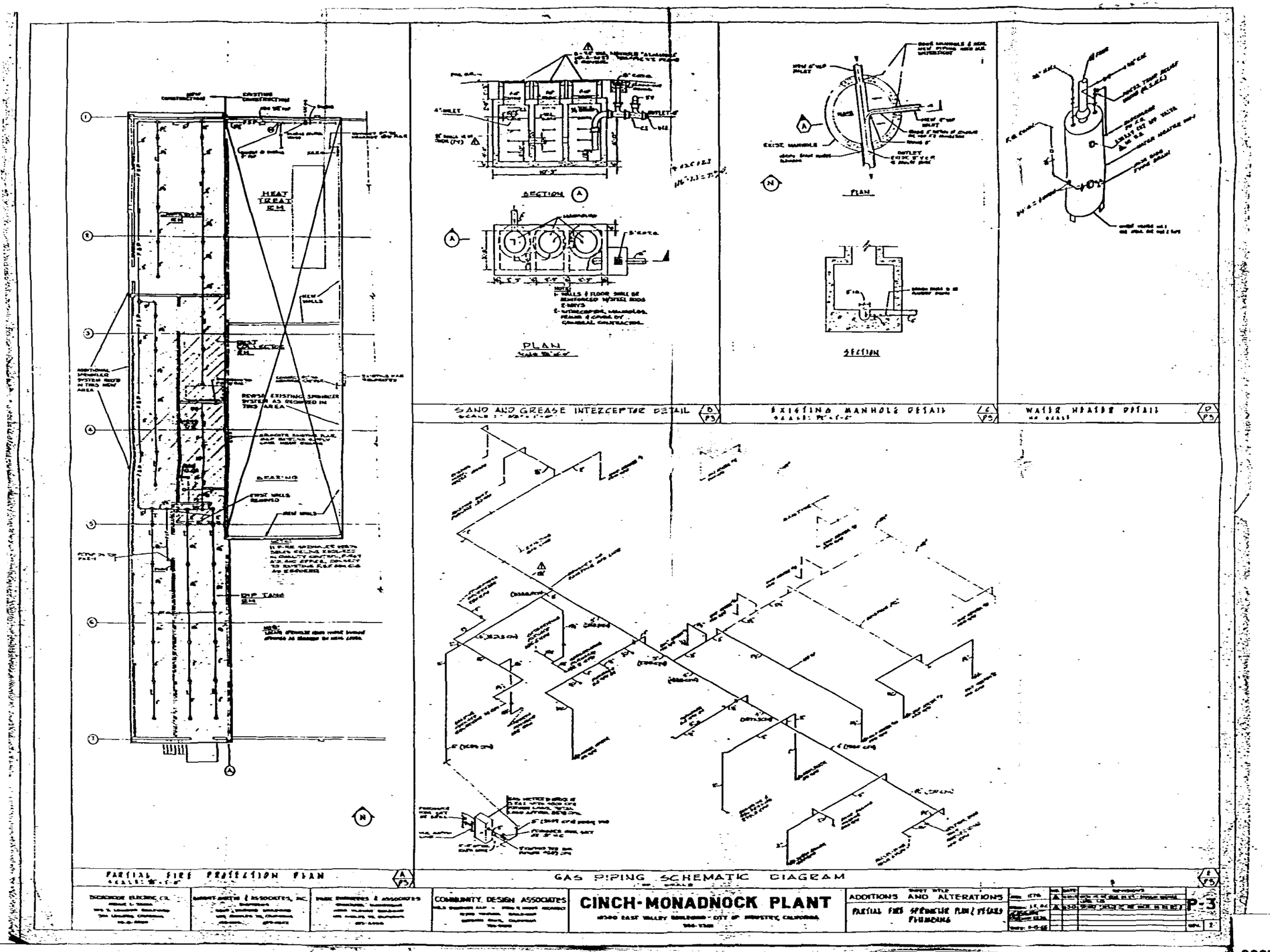

F L O O R P L A N
COMMUNITY DESIGN ASSOCIATES
CINCH-MONADNOCK PLANT
ADDITIONS AND ALTERATIONS
FIRST FLOOR PLAN
PLUMBING
P-2

00070499


HEAT TREAT RM
NEW WALLS
REWISE EXISTING SPRINKLER SYSTEM AS REQUIRED IN THIS AREA
BEARING
EXIST WALLS REMOVED
NEW WALLS
DIP TANK RM
SECTION A
PLAN
SAND AND GREASE INTERCEPTOR DETAIL
PLAN
SECTION
EXISTING MANHOLE DETAIL
WATER HEATER DETAIL
PARTIAL FIRE PROTECTION PLAN
GAS PIPING SCHEMATIC DIAGRAM
COMMUNITY DESIGN ASSOCIATES
CINCH-MONADNOCK PLANT
ADDITIONS AND ALTERATIONS
PARTIAL FIRE SPRINKLER PLAN / FEEDS PLUMBING
P-3

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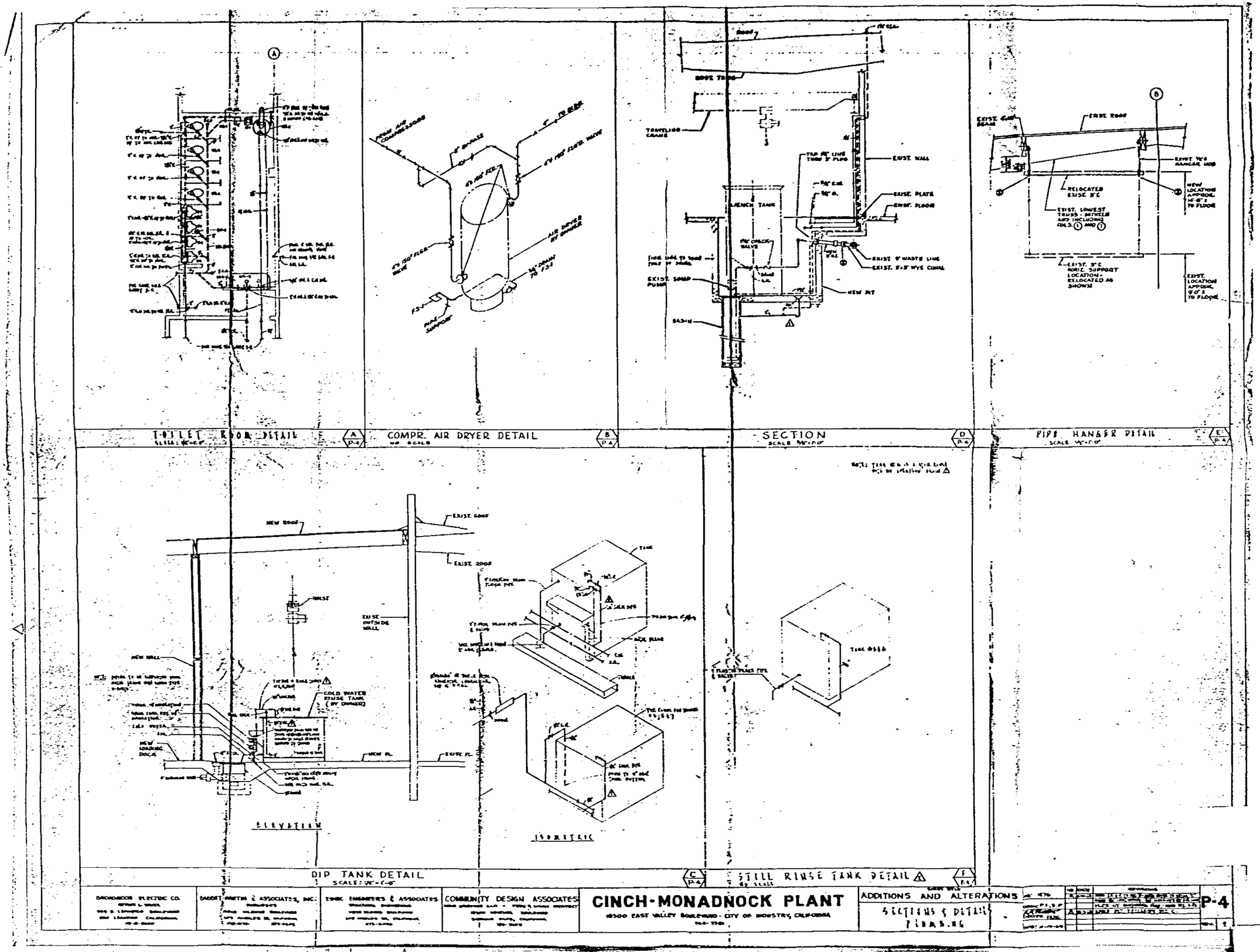
TOILET ROOM DETAIL
COMPR. AIR DRYER DETAIL
SECTION
PIPE HANGER DETAIL
DIP TANK DETAIL
STILL RINSE TANK DETAIL
ELEVATION
ISOMETRIC
CINCH-MONADNOCK PLANT
ADDITIONS AND ALTERATIONS
SECTIONS & DETAILS
P-4

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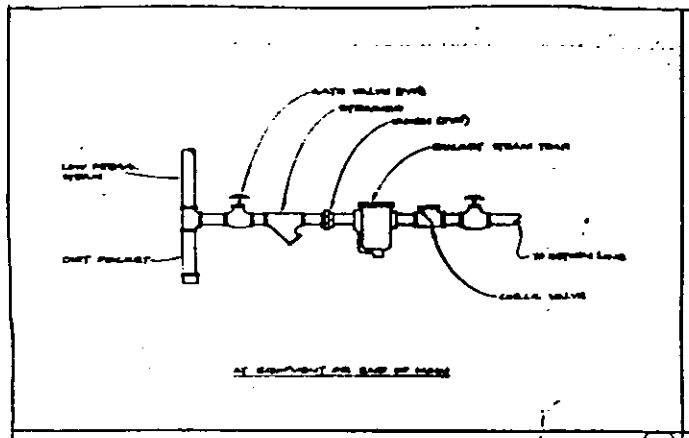
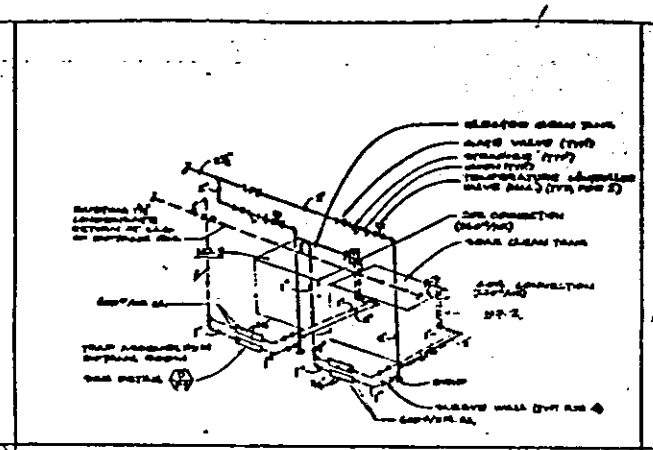
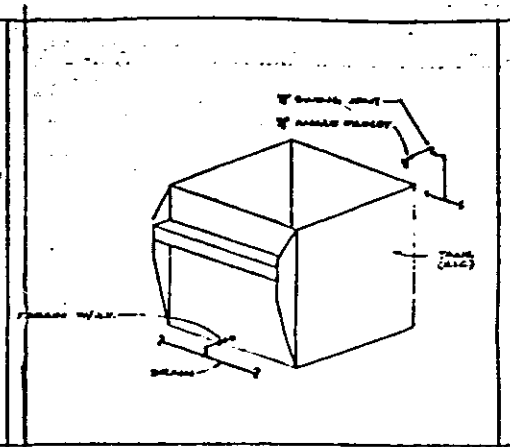


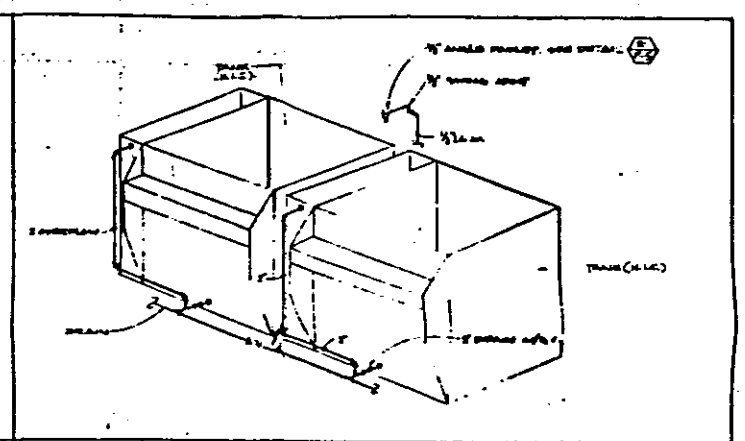
TYPICAL STEAM TRAP ASSEMBLY (D/P-5)



SOAK AND ELECTRO CLEAN TANK STEAM PIPING (C/P-5)



TYPICAL TANK WITHOUT OVERFLOW PIPING (B/P-5)



TYPICAL TANK WITH OVERFLOW PIPING (A/P-5)

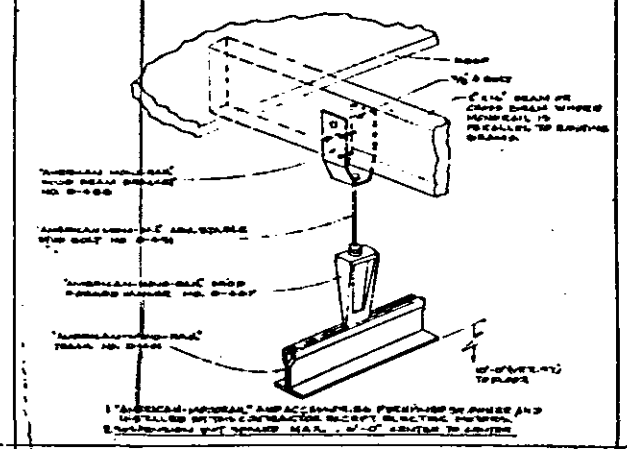
NUMBER	DESCRIPTION
NO. 1	SOAK TANK
NO. 2	SOAK CLEAN TANK
NO. 3	ELECTRO CLEAN TANK
NO. 4	SULPHURIC ETCH TANK
NO. 5	ACID DIP TANK
NO. 6	SULPHURIC ZINC STRIP TANK
NO. 7	CHROMIC PLATE TANK
NO. 8	VIRGINIA WATER EXPERIMENT
NO. 9	SULPHURIC ETCH TANK
NO. 10	NITRIC ETCH
NO. 11	BRIGHT CADMIUM DIP
NO. 12	SULPHURIC ZINC STRIP TANK
NO. 13	CHROMIC CONT. NO. 1 TANK
NO. 14	SULPHURIC ZINC STRIP TANK
NO. 15	ACID DIP
NO. 16	CHROMIC NITRIC COPPER STRIP
NO. 17	CADMIUM RECTIFIER
NO. 18	ELECTRO CLEAN RECTIFIER
NO. 19	VINEGAR TANK

NOTES:
1. THIS EQUIPMENT SHALL BE FURNISHED BY "INPLATE".
2. THE CONTRACTOR SHALL INSTALL & CONNECT THIS EQUIPMENT.

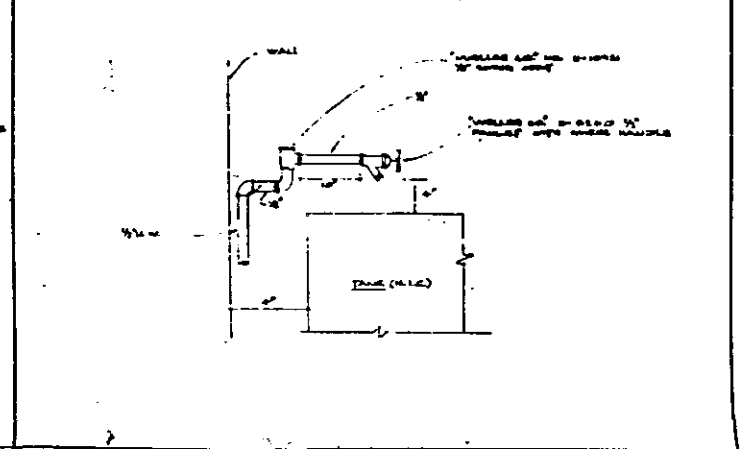
EQUIPMENT SCHEDULE

SYMBOLS	DESCRIPTION
	SUPPLY STEAM CONDENSATE RETURN
	SUPPLY LOW PRESSURE STEAM SUPPLY
	CONDENSATE RETURN
	LOW PRESSURE STEAM SUPPLY
	DRAIN
	SUPPLY SULPHURIC
	SUPPLY INDUSTRIAL SULPHURIC
	COLDWATER
	INDUSTRIAL COLDWATER
	WATER BELOW GROUND
	SUPPLY GAS
	GAS
FRC	FIRE HOSE CABINET
PRC	POINT OF CONNECTION
W	WASTE
	GATE VALVE ON FIRE PROOF
	ACID VENTS
F.S.P.	FIRE SPRINKLER PIPE

SYMBOL LEGEND

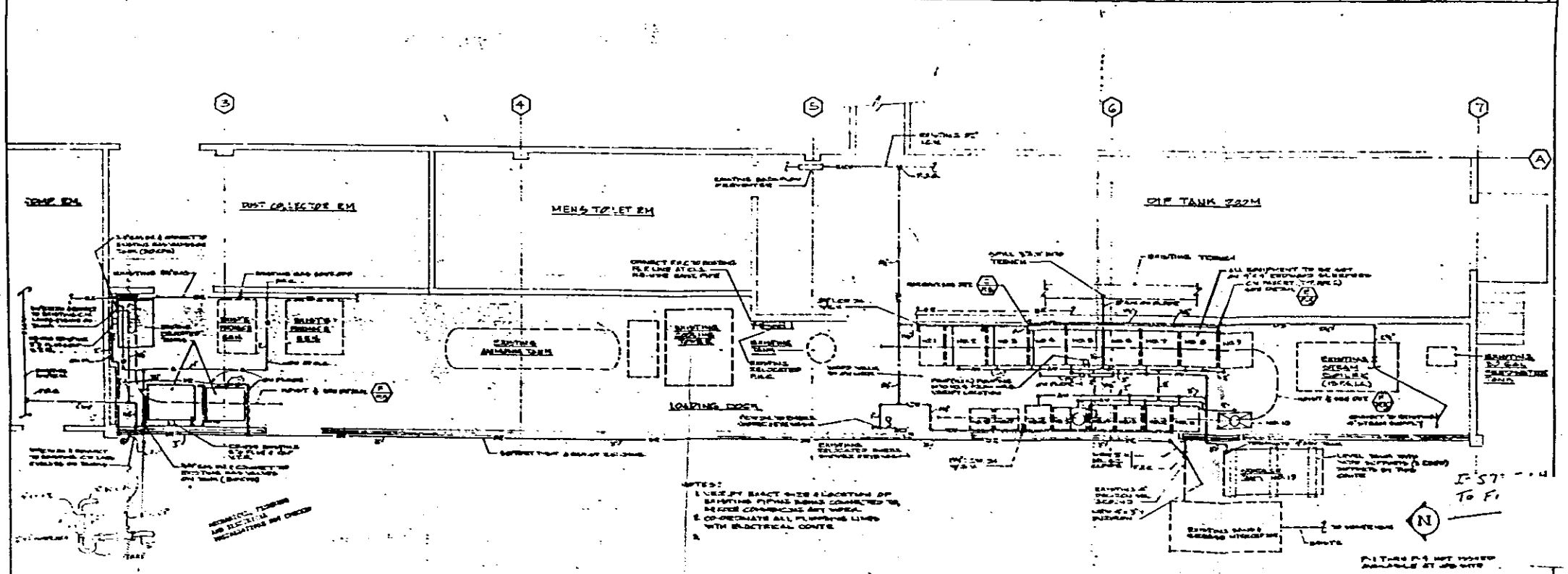


MONO-RAIL SUSPENSION UNIT DETAIL (F/P-5)



TYPICAL COLDWATER FAUCET DETAIL (E/P-5)

SPECIFICATIONS



FLOOR PLAN (G/P-1)

BABBITT-MARTIN ASSOCIATES, INC.
ENGINEERS
8848 WILSHIRE BOULEVARD
LOS ANGELES 23, CALIFORNIA

CINCH-MONADNOCK PLANT
15100 EAST VALLEY BOULEVARD - CITY OF INDUSTRY, CALIFORNIA

ADDITIONS AND ALTERATIONS

PLATING LINE FLOOR PLAN, LEGEND AND DETAILS

P-5

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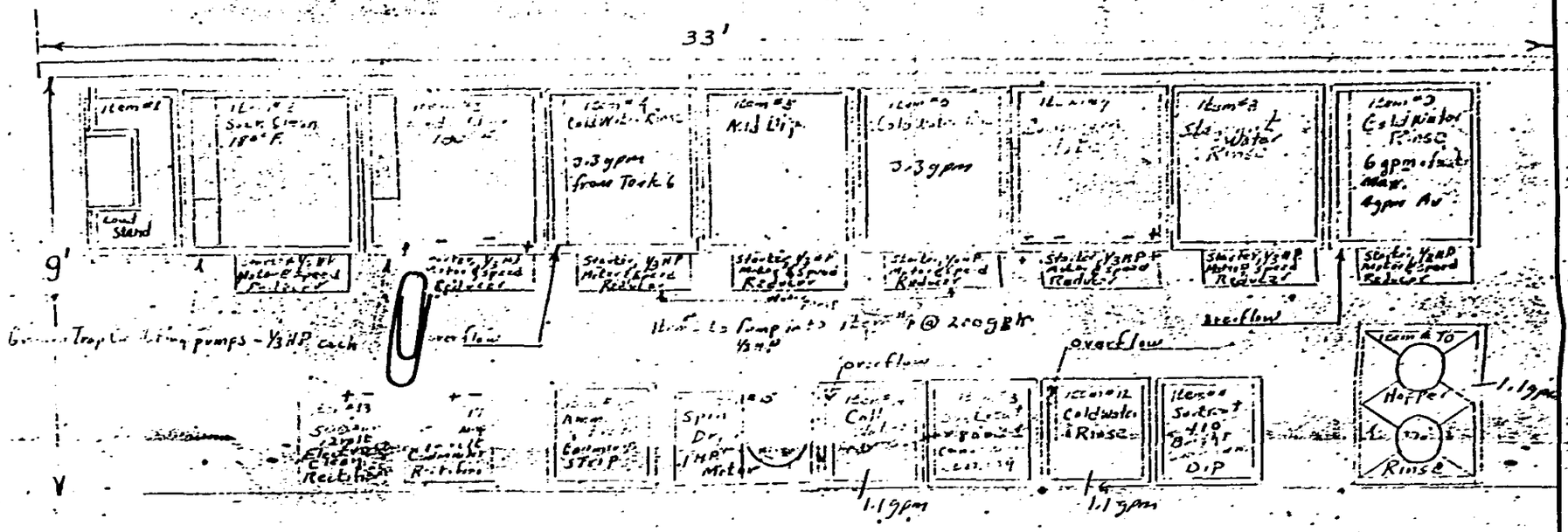

Top. t. 440 volt-3 phase-60 cycle

Basic tanks to be 30" x 30" x 33" Deep Except Soak & Electro Clean which will be 42" x 30" x 33" Deep. Only Soak & Electro Clean tanks are heated using steel plate coils size 9'-2" L x 22" W [illegible] with a Udylite Thermostat #91490 [illegible] controlled temperature. Coil tube [illegible] approx 65 gals each. Flow to be 65 gph. Items 11, 12, 13 & 14 have capacity of 70 gals. size - 24" x 24" x 30" deep. Items 12 & 14 to have flow of 65 gph. Items 2, 3, 5, 7, 8, 11, & 13 should have calibrated lap chart by [illegible] control of [illegible]

Flow Control syphon breakers to be installed on all rinse Tanks

Rinse waters to be disposed of to sewer thru existing 850 gal interceptor.

APPROVAL OF INDUSTRIAL WASTE DISCHARGE

John D. Parkhurst, Chief Engr. Co. San. Dist. 21

By [signature] Date 8-16-66

Approval [illegible] conditioning compliance with all applicable requirements. Permit for sewer connection issued to [illegible] company.

T-5735-6H

18300 E. Valley Blvd
City of Industry

2" x 1/4 Flat Copper Bar to carry 500 Amps				
50 Amp. Board Required				
Size of Rectifier 24" x 24" x 24"				
This Can be Wall Mounted				
NAME	PART NO.	MAT'L	QUAL.	DET. NO.

Cinch - Monadnock - Plating Layout Addition

SCALE 1/2" = 1'0" | SHEETS SHEET NO. | DATE

THE UDYLITE CORP. — DETROIT, MICH.

	CHANGES	DATE
E		
D		
C		
B		
A		

00070507