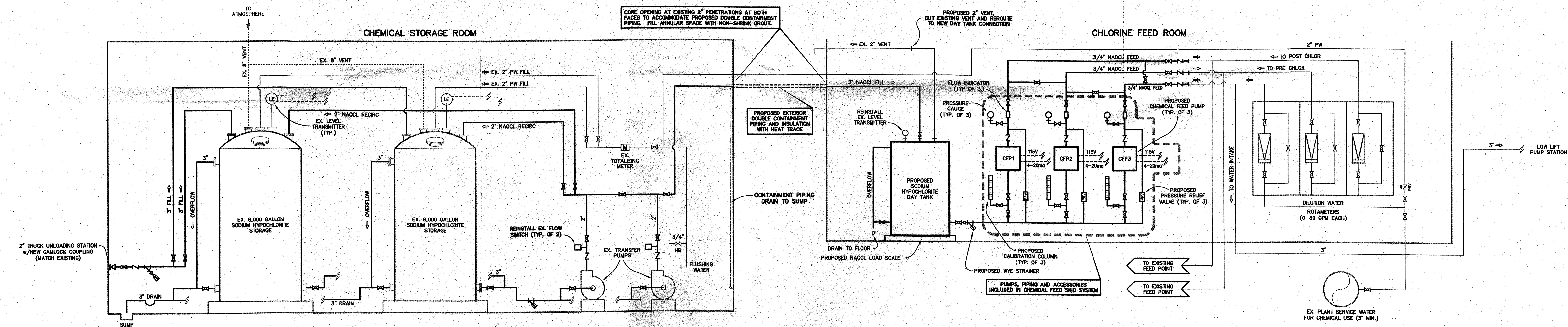


HYPOCHLORITE PIPING SCHEMATIC - EXISTING



HYPOCHLORITE PIPING SCHEMATIC - PROPOSED

NOTE

OWNER WILL ISOLATE AND DRAIN ONE (1) SODIUM HYPOCHLORITE STORAGE TANK AT A TIME TO ACCOMMODATE CONTRACT ACTIVITY.

PUMP ID	TYPICAL APPLICATION POINT
CFP1	POST CHLOR
CFP2	PRE CHLOR
CFP3	WATER INTAKE

LEGEND

	PUMP
	METER
	REDUCER
	FLEXIBLE CONNECTOR
	WYE STRAINER

VALVE DESIGNATIONS

	BUTTERFLY VALVE
	BALL VALVE
	CHECK VALVE
	PRESSURE RELIEF VALVE

PUMPS

CFP	CHEMICAL FEED
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PROCESS PIPING

NAOCL	SODIUM HYPOCHLORITE
PW	POTABLE WATER

NO.	REVISIONS	BY	DATE
1	REVISED	SMYTH	NOV. '11
2	CHECKED	P.W.B.	NOV. '11

Prein&Newhof
Engineers • Surveyors • Environmental • Laboratory

CITY OF TRAVERSE CITY
GRAND TRAVERSE COUNTY, MICHIGAN
WATER TREATMENT PLANT
CHLORINE FEED SYSTEM IMPROVEMENTS
CHEMICAL FEED SCHEMATICS

PROJECT NO.
2110441
SHEET NO.
6 OF 6