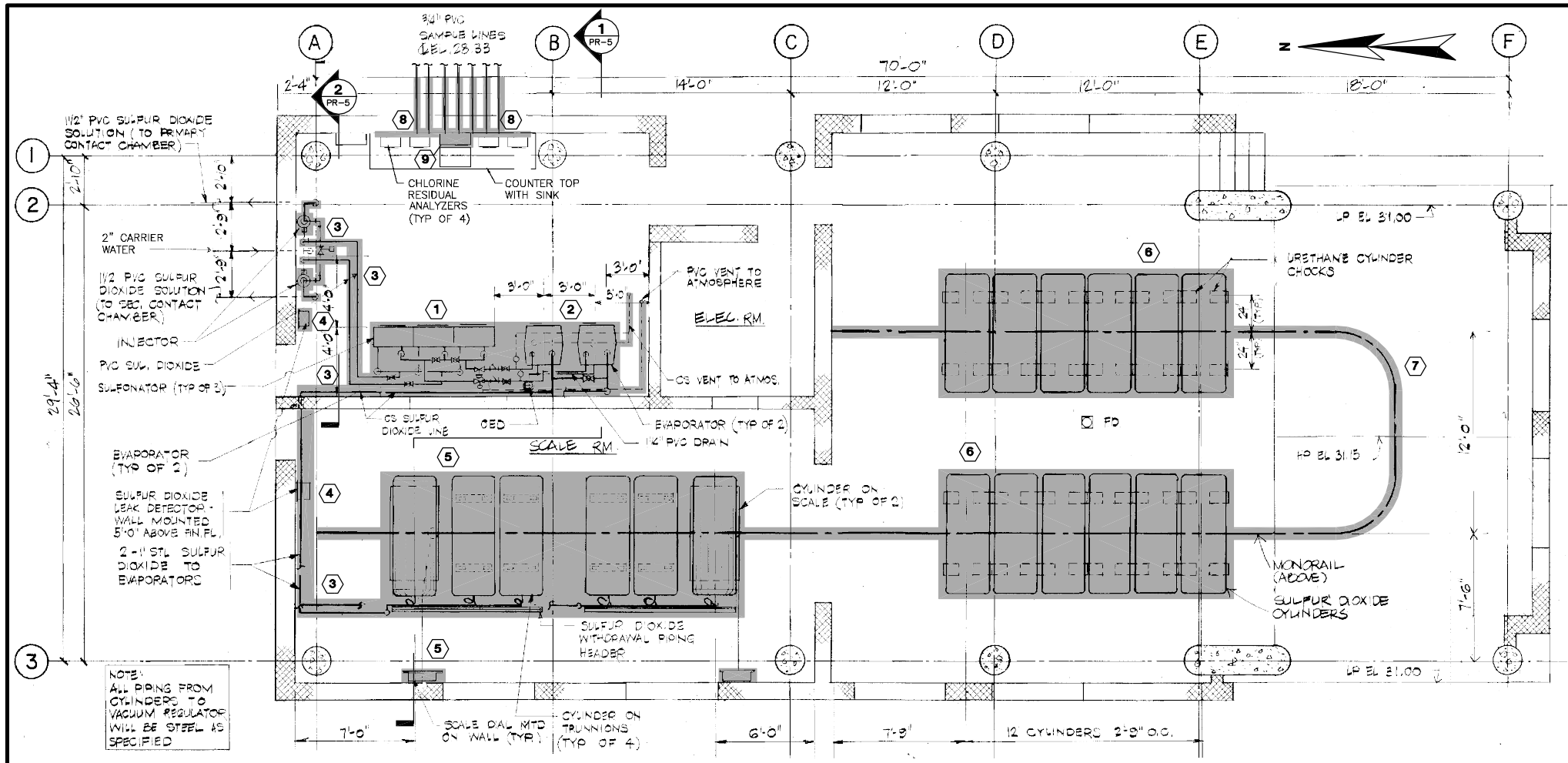
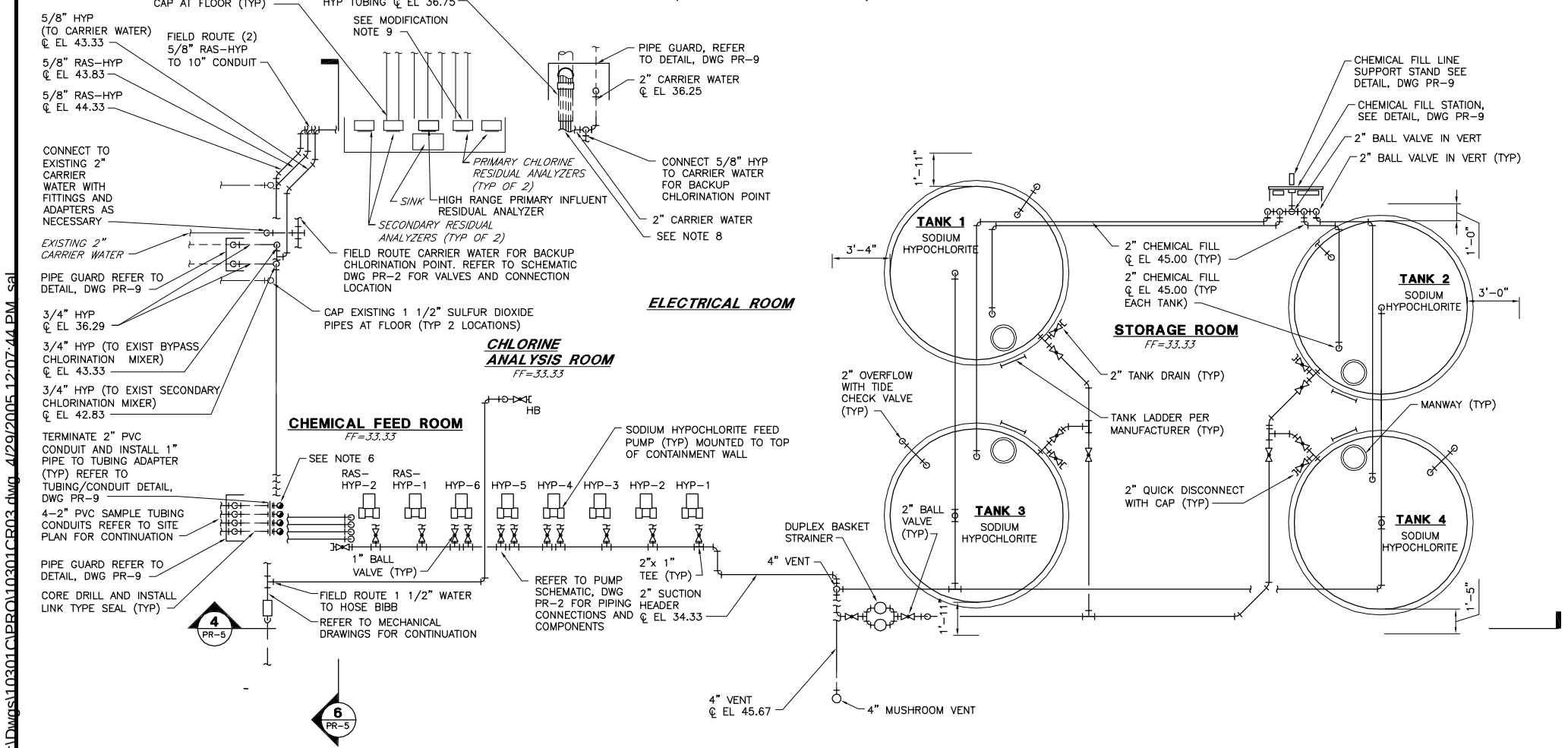


HYPOCHLORITE BUILDING - DEMOLITION PLAN

SCANNED
(FORMER DECHLORINATION BUILDING)



DEMOLITION NOTES

REFER TO DRAWING PR-1 FOR GENERAL DEMOLITION NOTES.

1. REMOVE/ DEMOLISH SULFONATORS (TYP OF 3) IN THEIR ENTIRETY, INCLUDING BUT NOT LIMITED TO PIPING, VALVES, FITTINGS, EQUIPMENT PADS AND ASSOCIATED ELECTRICAL AND INSTRUMENTATION COMPONENTS. CAP VENT PIPING AT CEILING.
2. REMOVE/ DEMOLISH EVAPORATORS (TYP OF 2) IN THEIR ENTIRETY, INCLUDING BUT NOT LIMITED TO PIPING, VALVES, FITTINGS, EQUIPMENT PADS AND ASSOCIATED ELECTRICAL AND INSTRUMENTATION COMPONENTS. CAP VENT PIPING AT CEILING.
3. REMOVE/ DEMOLISH SULFUR DIOXIDE PIPING TO LIMITS SHOWN, INCLUDING BUT NOT LIMITED TO INJECTORS, VENTS, DRAINS, VALVES, FITTINGS, PIPE SUPPORTS.
4. REMOVE/ DEMOLISH SULFUR DIOXIDE LEAK DETECTORS (TYP OF 2) AND ALL ASSOCIATED APPURTENANCES.
5. REMOVE/ DEMOLISH SCALES (TYP OF 2) AND TRUNNIONS (TYP OF 4) IN THEIR ENTIRETY INCLUDING ELECTRICAL COMPONENTS, SCALE DIAL AND ALL OTHER ASSOCIATED APPURTENANCES.
6. REMOVE/ DEMOLISH SULFUR DIOXIDE CYLINDERS AND URETHANE CYLINDER CHOCKS.
7. REMOVE/ DEMOLISH MONORAIL, HOIST AND TROLLY. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
8. REMOVE/ DEMOLISH EXISTING SAMPLE PIPING WITHIN THE HYPOCHLORITE BUILDING INCLUDING BUT NOT LIMITED TO FITTINGS, VALVES AND SUPPORTS. AFTER DEMOLITION IN THIS AREA IS COMPLETE, THERE MAY BE ADDITIONAL ABANDONED PIPING AND ASSOCIATED APPURTENANCES THAT WILL NEED TO BE REMOVED AS DIRECTED BY ENGINEER.
9. REMOVE/ DEMOLISH EXISTING CABINET AS NECESSARY TO MAKE ROOM FOR NEW CHLORINE RESIDUAL ANALYZER.

MODIFICATION NOTES:

1. REFER TO DRAWING PR-1 FOR GENERAL NOTES AND ABBREVIATIONS.
2. NOT ALL PIPE SIZES, VALVES AND FITTINGS ARE SHOWN FOR CLARITY. CHEMICAL FEED SYSTEM IS NOT SHOWN IN ITS ENTIRETY. SHOWN ARE THE GENERAL EQUIPMENT AND TANK LOCATIONS. CONTRACTOR SHALL FIELD LOCATE/ROUTE ALL PIPING EQUIPMENT AND APPURTENANCES AS REQUIRED TO ENSURE A FULLY FUNCTIONAL AND INTEGRATED CHEMICAL FEED SYSTEM. FOR ADDITIONAL INFORMATION, REFER TO HYPOCHLORITE SYSTEM SCHEMATIC, DRAWING PR-2.
3. CHEMICAL PIPING SHALL BE INSTALLED IN SUCH A WAY AS TO ALLOW FOR MAINTENANCE. PROVIDE PIPE PROTECTION TO PROTECT PIPING FROM PHYSICAL DAMAGE WHERE THE POTENTIAL FOR DAMAGE EXISTS OR AS SHOWN ON THE DRAWINGS. PROTECTION SYSTEM SHALL BE CORROSION RESISTANT.
4. THE DISCHARGE OF EACH PUMP SHALL BE PROVIDED WITH A FRP UNISTRUT AND PVC BOARD SHEET SYSTEM TO FACILITATE SUPPORT AND/OR MOUNTING OF THE PRESSURE RELIEF VALVES, FLOW METERS, BALL VALVES, QUICK DISCONNECT CAMLOCK AND CAP , 3-FOOT SECTION OF LOOPED PVC DISCHARGE TUBING, AND OTHER APPURTENANCES AS INDICATED ON THE CHEMICAL SYSTEM AND TUBING PUMP SCHEMATICS ON DRAWING PR-2. CONFIGURATION SHALL BE REVIEWED WITH THE ENGINEER IN THE FIELD, PRIOR TO BEGINNING INSTALLATION.
5. ALL VALVES ASSOCIATED WITH THE CHEMICAL SYSTEM SHALL BE ACCESSIBLE FROM THE FLOOR WITHOUT NEED FOR STEPS OR A LADDER TO OPERATE.
6. (4) 1" SAMPLE PIPES FROM CHLORINE CONTACT TANK SAMPLE PUMPS. CONTRACTOR SHALL FIELD ROUTE AND CONNECT TO ANALYZERS (TYP OF 4) IN THE CHLORINE ANALYSIS ROOM WITH FITTINGS AND ADAPTERS AS NECESSARY AND WITH PRIOR APPROVAL FROM ENGINEER.
7. ALL HARD PIPING AND FITTINGS SHALL BE JOINED BY SOLVENT WELD ONLY, NO THREADS OR TRUE UNIONS WILL BE ALLOWED.
8. CONTRACTOR SHALL INSTALL PIPE TO TUBING ADAPTERS FOR (2) 5/8" RAS-HYP PIPES. (2) 5/8" RAS-HYP TUBES AND (1) 3/4" HYP TUBE WILL SERVE AS SPARE TUBES WITH A MINIMUM OF 10' OF TUBING TO BE TIED OFF AND SECURED WITHIN CHLORINE ANALYSIS ROOM.
9. CONTRACTOR SHALL RE-PIPE SAMPLE LINES AND CONNECTIONS TO EXISTING 4 CHLORINE RESIDUAL ANALYZERS AND NEW HIGH RANGE RESIDUAL ANALYZER. REFER TO SAMPLE SYSTEM SCHEMATIC ON DRAWING PR-2 FOR REQUIREMENTS.

NO | REVISIONS | APP'D | DATE
PROGRESS PRINTS
ISSUED FOR REVIEW: 12-15-04
ISSUED FOR BIDDING: 2-18-05
MAUI LOCATION:
LAST WORKED ON:
FILENAME:
FT 36

DRAWN BY: —
CHECKED BY: DWS/PFB
DATE 2-18-05
APPROVED BY: PFB
DATE 2-18-05
BOOK NO. —
PROJECT NO. 10301C
SCALE —

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EAST END WWTF DISINFECTION AND DECHLORINATION SYSTEMS UPGRADE
HYPOCHLORITE BUILDING DEMOLITION AND MODIFICATION PLANS

DWG PR-3
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