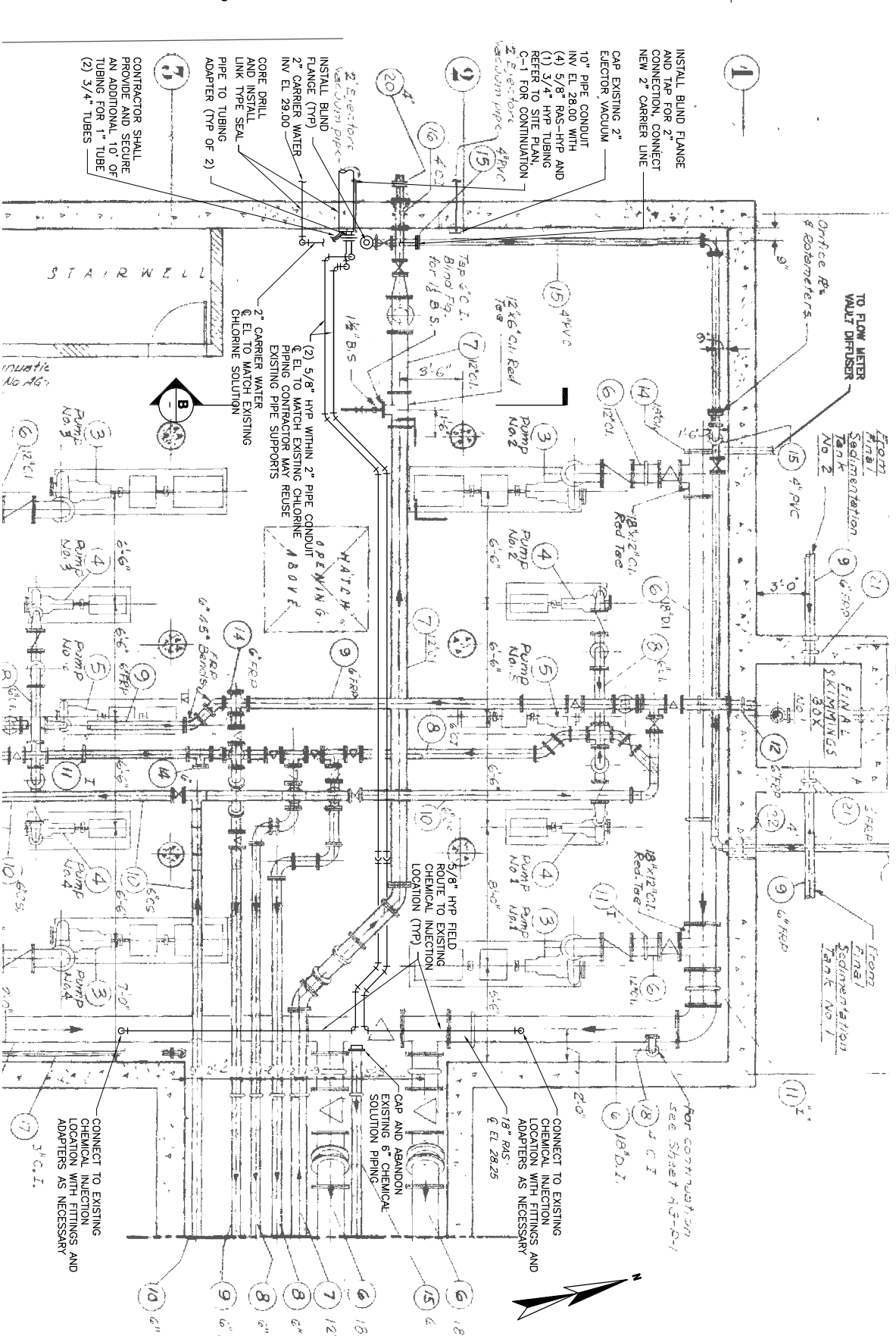


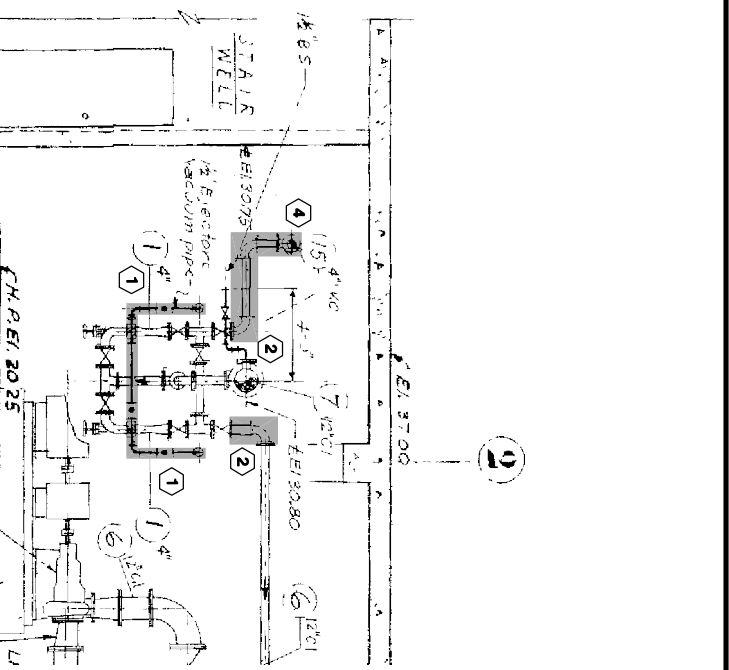
ACTIVATED SLUDGE PUMP GALLERY
CHLORINE SOLUTION INJECTION DEMOLITION

SCANNED

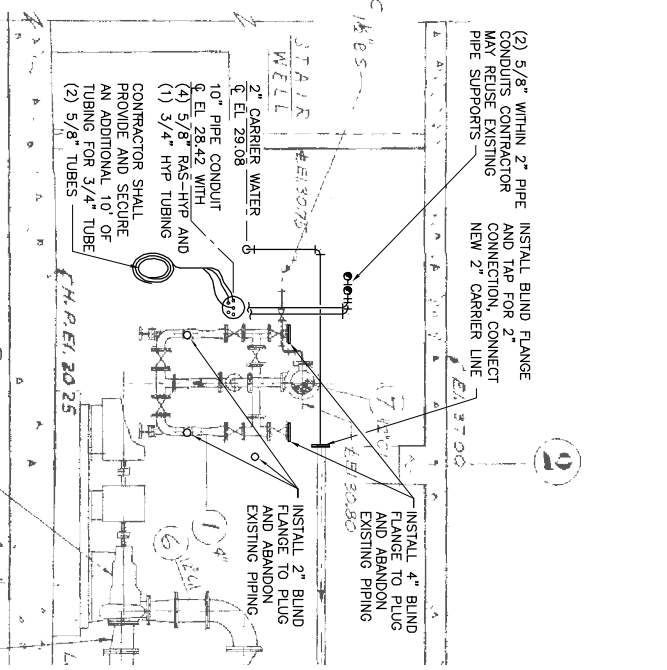


ACTIVATED SLUDGE PUMP GALLERY
CHLORINE SOLUTION INJECTION MODIFICATIONS

SCANNED



SECTION
SCALE: SCANNED



SECTION
SCALE: SCANNED

- DEMOLITION NOTES:**
- REFER TO DRAWING PR-1 FOR GENERAL DEMOLITION NOTES.
- REMOVE/DEMOLISH EXISTING ELECTOR VACUUM PIPING IN ITS ENTIRETY TO LIMITS SHOWN, INCLUDING BUT NOT LIMITED TO FITTINGS, SUPPORTS AND VALVES.
 - REMOVE/DEMOLISH PORTIONS OF EXISTING CHLORINE SOLUTION PIPING AS NECESSARY FOR NEW MODIFICATIONS AS SHOWN ON THIS DRAWING.
 - REMOVE/DEMOLISH ROTAMETERS AND ASSOCIATED APPURTENANCES (TYP OF 2).
 - REMOVE/DEMOLISH PORTIONS OF CHLORINE SOLUTION PIPING. CONTRACTOR MAY REUSE PIPE SUPPORTS FOR NEW HYP PIPING AS NECESSARY.
- CONTRACTOR TO NOTE THAT 2 EXISTING SAMPLERS SHALL REMAIN.
- NOTES:**
- CONTRACTOR TO NOTE A SCANNED IMAGE OF THE EXISTING CONTRACT DRAWINGS HAS BEEN USED FOR THE ACTIVATED SLUDGE GALLERY MODIFICATIONS. FOR EXISTING INFORMATION HAS BEEN RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS PRIOR TO BIDDING AND/OR PERFORMING CONSTRUCTION. FOR INFORMATION PERTAINING TO EXISTING CONTRACT DRAWINGS, REFER TO THE PROCESS GENERAL NOTES, DWG PR-1.

DRAWING KEY

- Chlorine Ejectors
- Injection Nozzle
- Recirculated Sludge Pump
- Waste Activated Sludge Rings
- Skimming's Pump
- R.S.
- Plant Water
- W.A.S
- SK
- H.P.W.
- Flex Coupling & Type
- Fig & PE Wall Pipe
- Rotameter
- Blind Flange
- Chlorine Solution
- Fig & MJT Wall Pipe
- Sump Pump Discharge
- Sanitary Waste Line
- Sump Pump
- Polystyrene Stub End Part Conn to C.I. & D.I. Figs.
- Fiberglass Bell & PE Wall Dec.

NO	REVISIONS	APP'D	DATE	PROGRESS PRINTS
1				ISSUED FOR REVIEW: 12-15-04
2				ISSUED FOR BIDDING: 2-18-05
3				WALT LOCATION: PF 58
4				LAST WORKED ON:
5				FILENAME:

DRAWN BY SAL
CHECKED BY DWS/PFB
DATE 2-18-05
APPROVED BY PFB
DATE 2-18-05
BOOK NO. -
PROJECT NO. 10301C
SCALE AS NOTED



PORTLAND WATER DISTRICT
PORTLAND, MAINE
EAST END WWTF DISINFECTION AND
DECHLORINATION SYSTEMS UPGRADE
ACTIVATED SLUDGE PUMP GALLERY
DEMOLITION AND MODIFICATIONS