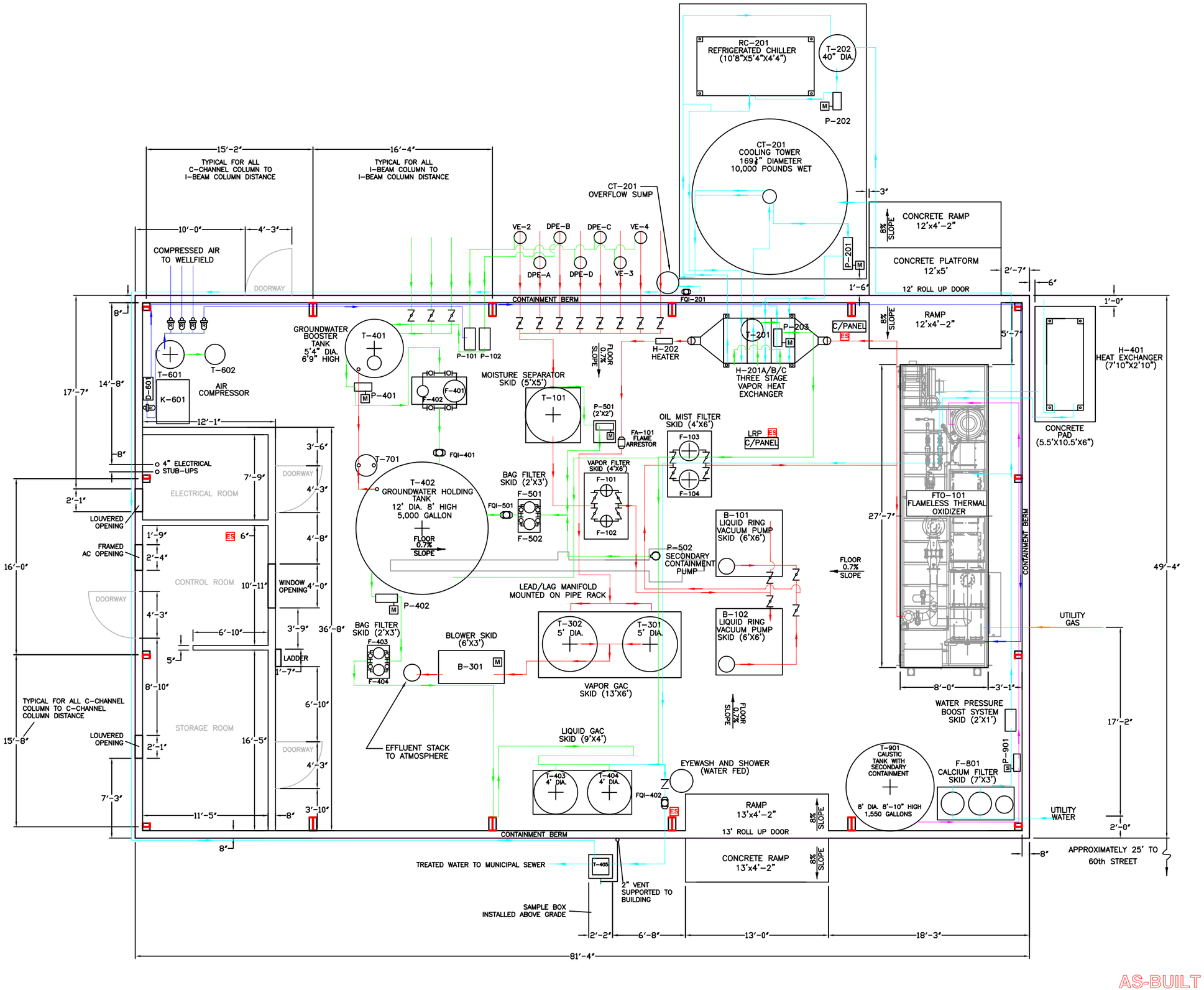

LEGEND:

- I — I-BEAM COLUMN
- C — C-CHANNEL COLUMN
- UTILITY GAS
- UTILITY WATER/DRAINAGES
- TREATED WATER
- ES — EMERGENCY STOP

DRAFT NOTES:

1. THE INTENT OF THIS DRAWING IS TO SHOW EQUIPMENT LAYOUT. REFER TO DRAWING M-1 FOR THE PROCESS AND INSTRUMENTATION DIAGRAM.
2. TREATMENT EQUIPMENT SHALL BE PLACED AS SHOWN IN THIS DRAWING. NECESSARY MODIFICATIONS TO LAYOUT DUE TO ACCESS, MAINTENANCE ETC., MUST BE APPROVED BY PROJECT ENGINEER.
3. ALL EQUIPMENT AND SKIDS SHALL BE BOLTED ONTO CONCRETE SLAB. ALL SLAB CONNECTIONS SHALL BE SUBJECT TO INSPECTION ACCORDING TO SPECIFICATION SECTION 01452-SPECIAL INSPECTION FOR SEISMIC-RESISTING SYSTEMS. ITEMS WHICH CANNOT BE SKID MOUNTED SHALL BE SIMILARLY MOUNTED OR RESTRAINED BY CABLE OR WALL BRACES AND SUBJECT TO THE SAME SPECIAL INSPECTION FOR SEISMIC-RESISTING SYSTEMS.
4. TREATMENT COMPOUND FOUNDATION SHALL BE CONSTRUCTED AS SHOWN IN DRAWINGS C-12 AND C-13. CHANGES TO THE FOUNDATION DESIGN MAY BE REQUIRED BASED ON THE PRE-ENGINEERED METAL BUILDING CONTRACTOR'S DESIGN.
5. TREATMENT COMPOUND BUILDING IS A PRE-ENGINEERED METAL STRUCTURE THAT SHALL BE CONSTRUCTED ACCORDING TO DRAWING C-11 AND SPECIFICATION SECTION 13120-PRE-ENGINEERED METAL BUILDINGS.
6. REFER TO SPECIFICATION DIVISION 08-DOORS AND WINDOWS, DIVISION 11-TREATMENT COMPONENTS, DIVISION 13-STRUCTURAL COMPONENTS AND PROCESS CONTROL, DIVISION 15-PLUMBING AND DIVISION 16-ELECTRICAL FOR DETAILS ON TREATMENT COMPOUND CONSTRUCTION.
7. CONTRACTOR SHALL EXERCISE DUE CARE TO PROTECT EQUIPMENT FROM THEFT OR DAMAGE.
8. INTERNAL PIPING AND CONVEYANCE SYSTEMS SHALL BE LOCATED OVERHEAD (8' MINIMUM) OR BENEATH THE CONCRETE SLAB TO ALLOW FORKLIFT ACCESS TO INDIVIDUAL SKIDS.
9. INSTALLATION OF ALL PIPING SHALL BE PERFORMED IN ACCORDANCE WITH SPECIFICATION SECTION 15400-PROCESS PIPING. UTILITY PIPING MUST BE INSTALLED PER LOCAL CODE.
10. ALL PIPING AND CONDUIT SUPPORTS (NOT SHOWN) SHALL BE INSTALLED IN ACCORDANCE WITH LOCAL CODES TO PREVENT SAGGING OR OVER-STRESSING OF THE PIPE AND CONNECTIONS. ALL PIPING SHALL BE SUPPORTED SO THAT NO LOAD OR STRESS IS TRANSFERRED TO ANY EQUIPMENT.
11. PROCESS PIPING AND VALVES SHALL BE LABELED WITH FLOW DIRECTION AND CONTENT AT ALL ABOVE GROUND LOCATIONS.
12. FINAL DESIGN OF VAPOR CONDITIONING PACKAGE SHALL BE DETERMINED BY TREATMENT SYSTEM CONTRACTOR.

0 4 8
APPROXIMATE SCALE IN FEET

TREATMENT COMPOUND PROCESS LAYOUT

PEMACO SUPERFUND SITE
5050 EAST SLAUSON AVENUE
MAYWOOD, CALIFORNIA

PREPARED FOR:
U.S. Environmental Protection Agency
Region IX
San Francisco, California

PREPARED BY:
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SCALE: AS SHOWN	APPROVED	DATE: 07/19/2007
DESIGNED: JW & DC DRAWN: DC & JBP CHECKED: JW	AS BUILTS	DRAWING M-4