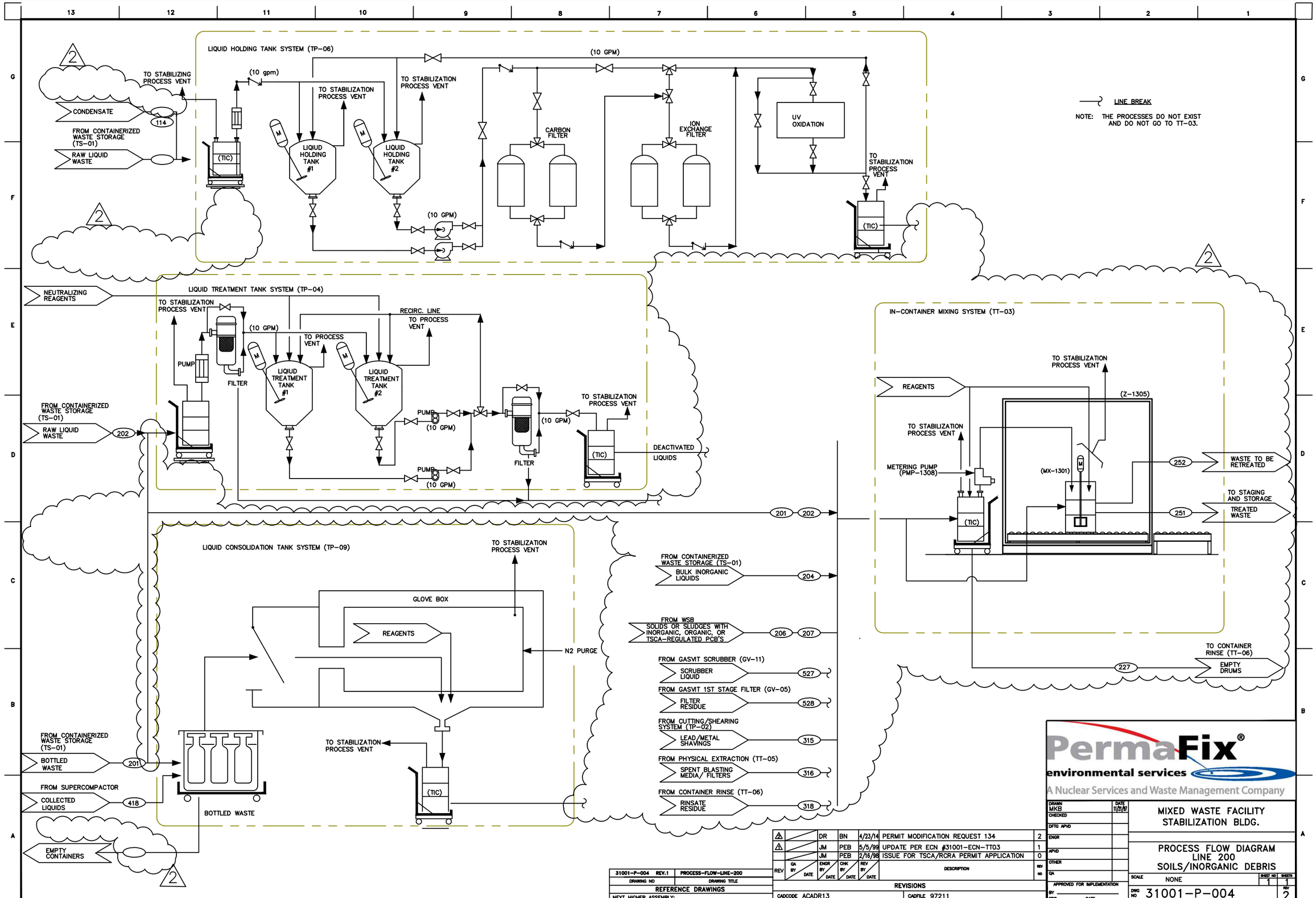
LIQUID HOLDING TANK SYSTEM (TP-06)
TO STABILIZING PROCESS VENT
CONDENSATE
114
FROM CONTAINERIZED WASTE STORAGE (TS-01)
RAW LIQUID WASTE
(TIC)
(10 gpm)
TO STABILIZATION PROCESS VENT
LIQUID HOLDING TANK #1
LIQUID HOLDING TANK #2
(10 GPM)
CARBON FILTER
ION EXCHANGE FILTER
UV OXIDATION
LINE BREAK
NOTE: THE PROCESSES DO NOT EXIST AND DO NOT GO TO TT-03.
NEUTRALIZING REAGENTS
LIQUID TREATMENT TANK SYSTEM (TP-04)
RECIRC. LINE
TO PROCESS VENT
PUMP
FILTER
LIQUID TREATMENT TANK #1
LIQUID TREATMENT TANK #2
202
DEACTIVATED LIQUIDS
IN-CONTAINER MIXING SYSTEM (TT-03)
REAGENTS
(Z-1305)
METERING PUMP (PMP-1308)
(MX-1301)
252
WASTE TO BE RETREATED
TO STAGING AND STORAGE
TREATED WASTE
251
201
LIQUID CONSOLIDATION TANK SYSTEM (TP-09)
GLOVE BOX
N2 PURGE
FROM CONTAINERIZED WASTE STORAGE (TS-01)
BULK INORGANIC LIQUIDS
204
FROM WSB
SOLIDS OR SLUDGES WITH INORGANIC, ORGANIC, OR TSCA-REGULATED PCB'S
206
207
FROM GASVIT SCRUBBER (GV-11)
SCRUBBER LIQUID
527
FROM GASVIT 1ST STAGE FILTER (GV-05)
FILTER RESIDUE
528
FROM CUTTING/SHEARING SYSTEM (TP-02)
LEAD/METAL SHAVINGS
315
FROM PHYSICAL EXTRACTION (TT-05)
SPENT BLASTING MEDIA/ FILTERS
316
FROM CONTAINER RINSE (TT-06)
RINSATE RESIDUE
318
TO CONTAINER RINSE (TT-06)
EMPTY DRUMS
227
BOTTLED WASTE
FROM SUPERCOMPACTOR
COLLECTED LIQUIDS
418
EMPTY CONTAINERS
PermaFix®
environmental services
A Nuclear Services and Waste Management Company
MIXED WASTE FACILITY
STABILIZATION BLDG.
PROCESS FLOW DIAGRAM
LINE 200
SOILS/INORGANIC DEBRIS
DRAWN MKB
DATE 11/21/97
SCALE NONE
DWG NO 31001-P-004
REV 2
REVISIONS
DR BN 4/23/14 PERMIT MODIFICATION REQUEST 134 2
JM PEB 5/5/99 UPDATE PER ECN #31001-ECN-TT03 1
JM PEB 2/16/98 ISSUE FOR TSCA/RCRA PERMIT APPLICATION 0
31001-P-004 REV.1 PROCESS-FLOW-LINE-200
REFERENCE DRAWINGS
NEXT HIGHER ASSEMBLY:
CADCODE ACADR13
CADFILE 97211
PERMIT FIGURE NUMBER: NONE