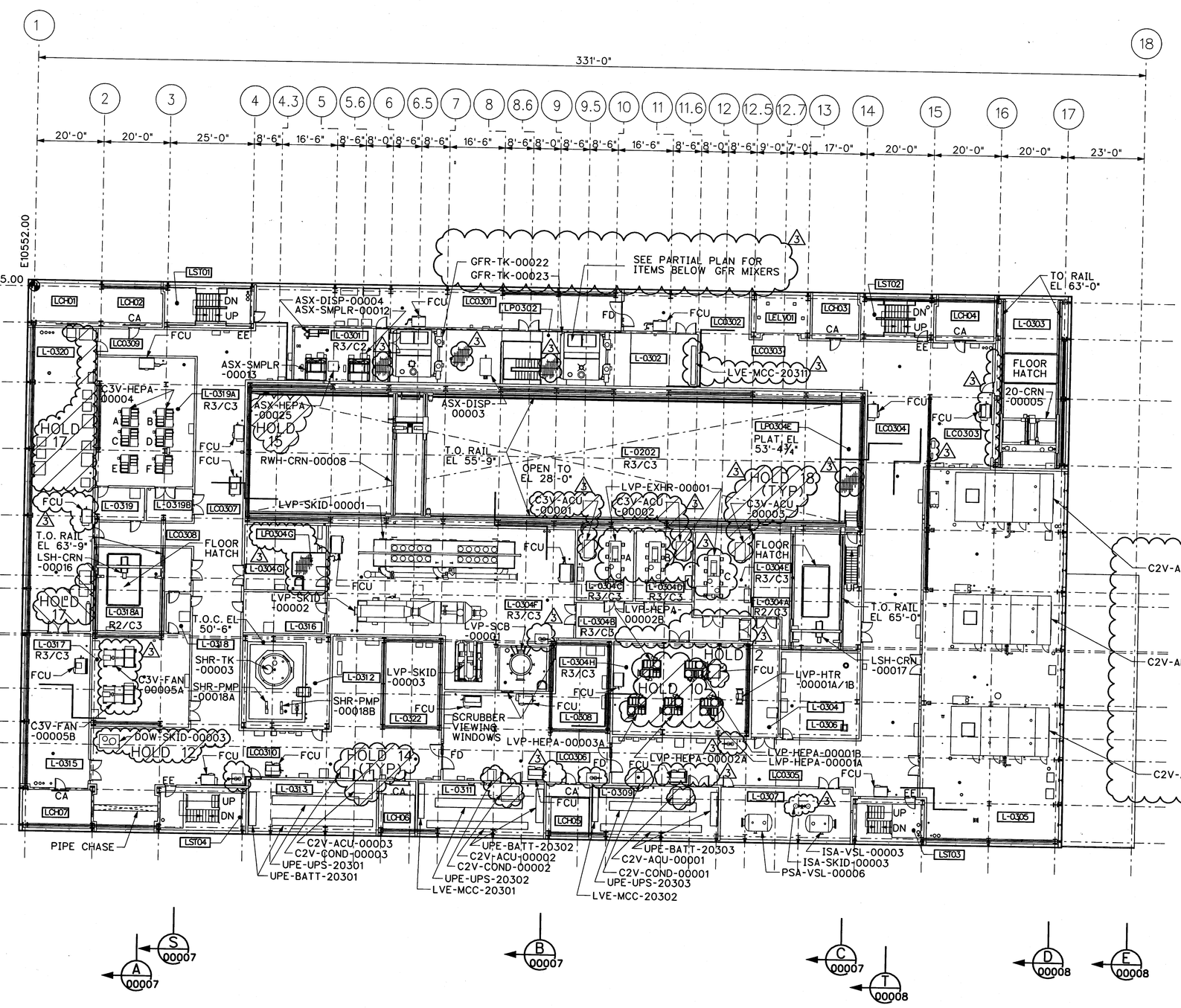
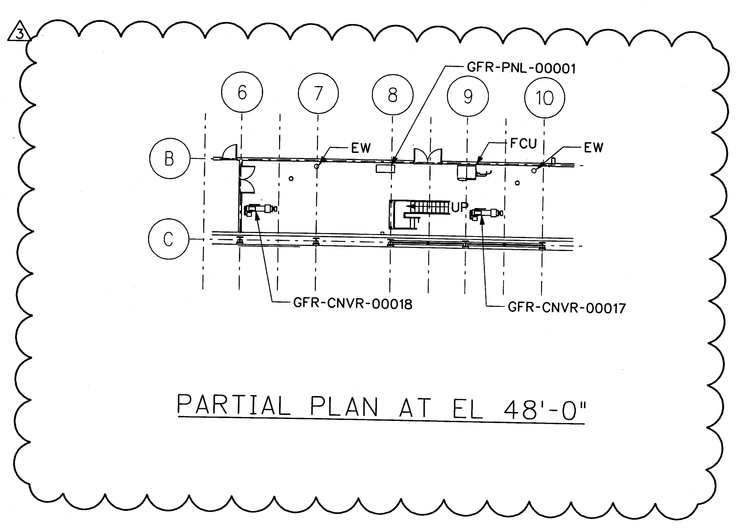
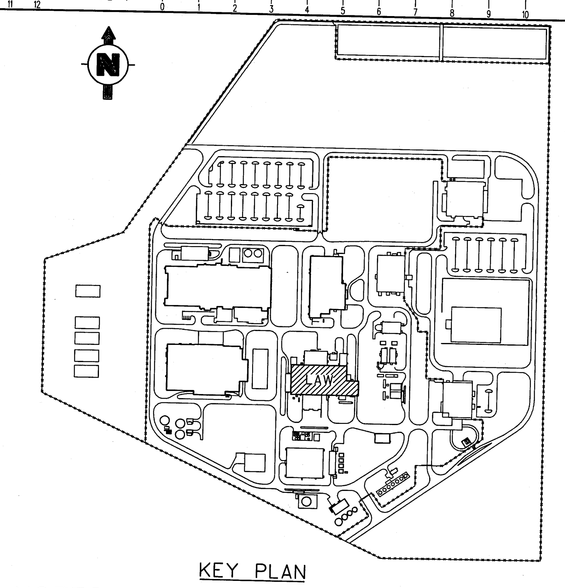


PLAN AT EL 48'-0"



PARTIAL PLAN AT EL 48'-0"



KEY PLAN

NOTES:

1. FOR GENERAL NOTES, SEE 24590-LAW-P1-P01T-00001.
2. CONTENTS OF THIS DOCUMENT ARE DANGEROUS WASTE PERMIT AFFECTING.
3. REVISIONS:
   RENUMBERED ROOMS: L-0301 TO L-0301A, L-0308A TO L-0304H, L-0304B TO L-0304C, L-0309 TO L-0307, L-0304E TO L-0304A, L-0304C TO L-0304D, L-0310 TO L-0309, L-0304D TO L-0304E.
   ADDED ROOMS: L-0301A (CHANGE ROOM), L-0304G (EQUIPMENT AIRLOCK), L-0322 (SPARE ROOM), LC0310 (CORRIDOR).
   ADDED: FAN COIL UNITS, HOLD NOTES FOR C3 HEPA FILTERS, AIR HANDLING UNITS, MELTER OFFGAS HEPA FILTERS, C3 EXHAUST FANS, TEMPERED WATER SYSTEM, PERSONNEL DOORS AT LCH02,LCH03,LCH04, LCH05,LCH06, AND LCH07.
   DELETED: HOLD NOTE 4 AND 6, MISCELLANEOUS REAGENT SYSTEM, AND WALL BETWEEN LCH01 AND LCH02.
   REDESIGNED SODIUM HYDROXIDE, SECONDARY OFFGAS SYSTEM, RELOCATED ELECTRICAL EQUIPMENT.
   REDESIGNED ROOMS: L-0312 (SODIUM HYDROXIDE), L-0304 (SUB-CHANGE), L-0306 (SPARE ROOM), L-0304A (EAST MAINTENANCE ROOM), L-0304B (EQUIPMENT AIR LOCK), L-0304C/D/E (SECONDARY OFFGAS EXHAUSTER ROOMS), LC0305 AND LC0306 (CORRIDORS).
   REVISED HATCH SIZE (L-0303).
   DELETED COLUMN GRID J.3 AND ADDED COLUMN GRID J.4.

   INCORPORATED DCNS:
   DCN 24590-LAW-P1N-P01T-00009
   DCN 24590-LAW-P1N-P01T-00021
   DCN 24590-LAW-P1N-P01T-00024
   RELEASED HOLDS 1, 3, 5, 7, 8, 9, 11, AND 13, REVISED FCU LOCATIONS REVISED ROOM L-0301 LAYOUT FOR ASX SYSTEM, REVISED TITLE BLOCK, REVISED ELECTRICAL ROOMS L-0309, L-0311, AND L-0313, REVISED GFR-TK-00022 AND 23, REVISED LOCATION OF LSH-CRN-00017 REVISED STAIRS BETWEEN L-0304A AND LP0304E, ADDED HOLD 14, 15, ASX-DISP-00003, ASX-DISP-00004, ASX-HEPA-00025, LVP-SKID-00003, AND MISC. ELECTRICAL EQUIPMENT, MODIFIED LAYOUT OF LVP-EXHR-00001A, B, AND C, ADDED CONTROLLED ACCESS CALL OUTS AT CHASE ACCESSES, REMODELED RWH-CRN-00008, 20-CRN-00005, ASX-SMPLR-00012, AND ASX-SMPLR-00013, DELETED ROOM L-0301A, REVISED ELEVATION OF LP0304E, LSH-CRN-00017.
   3 REVISED DESCRIPTIONS OF HOLDS 2, 10, AND 16. RELEASED HOLDS ON REMAINING FCU'S. ADDED ISA-SKID-00003 IN ROOM L-0307. ROTATED EW/SS IN ROOM L-0304F. REVISED C3V-FAN-00005A & C3V-FAN-00005B. ADDED PARTIAL PLAN BELOW GFR MIXERS. REVISED SIZE OF LVP-EXHR-00001A/B/C. ADDED LP0304G FOR ACCESS TO RADAR WAVE GUIDE INSTRUMENTATION. ADDED LVE-MCC-20311. RELOCATED DOORS AND WALLS IN ROOM L-0304B. MODIFIED WALL TYPE AND THICKNESS FROM 7 1/4" TO 8 1/2" FOR L-0304B SOUTH WALL.

HOLDS:

1. DELETED
2. 3 LVP HEPA ROOM (L-0304H) FAN COIL UNIT LOCATION PENDING FINAL SECONDARY OFF-GAS PIPING ARRANGEMENT.
3. DELETED
4. DELETED
5. DELETED
6. DELETED
7. DELETED
8. DELETED
9. DELETED
10. 3 MELTER OFFGAS HEPA FILTERS PENDING VENDOR SELECTION. TO BE PROVIDED BY MECHANICAL SYSTEMS ENGINEERING.
11. DELETED
12. TEMPERED WATER SYSTEM PENDING VENDOR SELECTION. TO BE PROVIDED BY MECHANICAL SYSTEMS.
13. DELETED
14. C2V AIR CONDITIONING UNITS AND AIR CONDENSING UNITS PENDING VENDOR SELECTION TO BE PROVIDED BY HVAC ENGINEERING.
15. ASX HEPA FILTERS PENDING VENDOR INFORMATION TO BE PROVIDED BY MECHANICAL SYSTEMS.
16. 3 DELETED.
17. C&I EQUIPMENT PENDING VENDOR SELECTION FROM CONTROL SYSTEMS.
18. C3V AIR CONDITIONING UNITS PENDING VENDOR SELECTION TO BE PROVIDED BY HVAC ENGINEERING.

LEGEND:

CA	CONTROLLED ACCESS
EE	EMERGENCY EXIT
FCU	FAN COIL UNIT
FD	FIRE DOOR
L-XXXX	ROOM, CELL, (VAULT) OR TUNNEL
LCXXXX	
LMXXXX	MEZZANINE
LPXXXX	ROOM PLATFORM
LPCXXXX	CORRIDOR PLATFORM
LCHXX	CHASE
LELVXX	ELEVATOR
LSTXX	STAIR
	EQUIPMENT LAYDOWN AREA
	CONCRETE
	CHECKERED PLATE
	GRATING
	EMERGENCY EYEWASH
	LADDER
	EMERGENCY SHOWER/EYEWASH
	FLOOR PENETRATION

REV	DESCRIPTION	ORG	CHKD	RVWD	APVD	DATE
3	REVISED TO INCORPORATE CHANGES IN NOTE 3	TH	CMS	JHK	DRJ	11/1/06
2	REVISED TO INCORPORATE CHANGES IN NOTE 3	DLL	CMS	PR	DRJ	12/19/05
0	ISSUED FOR DESIGN - SUPERSEDES					
	DWG-W375LV-PL00046, REV D	TH	CMS	PR	CJW	11/25/03

REVISION HISTORY

ISSUED BY RPP-WTP PDC
ISSUE STAMP

PROJECT No.	24590	
SITE	HANFORD	
AREA	200E	
BUILDING No.	20	
	BY	DATE
ORIGINATOR	TIMOTHY E. HAWKINS	11/25/03
CHECKER	CRAIG M. SALERNO	11/25/03
APPROVER	C. J. WINKLER	11/25/03
REVIEWER	PHIL REICHERT	11/25/03

CONTENT APPLICABLE TO ALARA? [X] YES [ ] NO
ADR NO. 24590-LAW-ADR-PL-03-006 REV: 0
SAFETY SCREEN REQUIRED? [X] YES [ ] NO EMNS INITIAL IF YES DCK

BECHTEL

RIVER PROTECTION PROJECT
WASTE TREATMENT PLANT
2435 STEVENS CENTER PLACE
RICHLAND, WA 99354

CONTRACT No: DE-AC27-01RV14136

LAW VITRIFICATION BUILDING GENERAL ARRANGEMENT PLAN AT EL. 48'-0"

SCALE: 1/16"=1'-0"

24590-LAW-P1-P01T-00005

REV 3

SAFETY SCREEN IS REQUIRED FOR DRAWING TYPES IDENTIFIED IN 24590-WTP-GPP-SREQ-002

"E" SIZE - 44x34
COMPUTER GENERATED - MANUAL CHANGES NOT PERMITTED

R10735464

10/27/2006 09:27:38

PLOTTED BY: ceslerno
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Please note that source, special nuclear, and byproduct materials, as defined in the Atomic Energy Act of 1954 (AEA) are regulated as the U. S. Department of Energy (DOE) facilities exclusively by DOE acting pursuant to its AEA authority. DOE asserts that pursuant to AEA, it has sole and exclusive responsibility and authority to regulate source, special nuclear, and byproduct materials at DOE-owned nuclear facilities. Information contained herein on radionuclides is provided for process description purposes only.

FORM E_SDN.DGN 02/2003