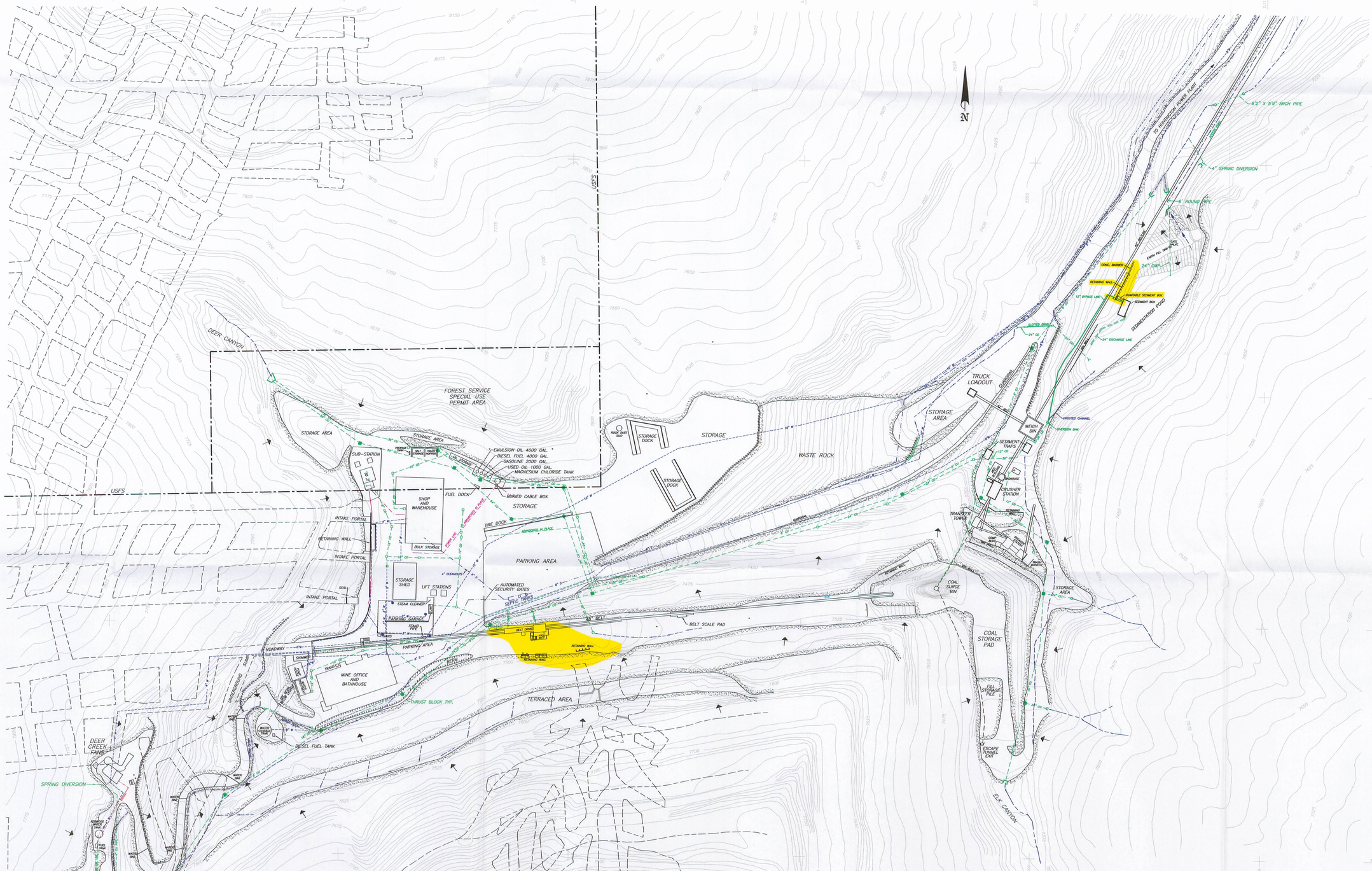

LEGEND

- WATER LINE
- SEWER LINE
- CULVERT
- SURFACE DRAINAGE
- CANYON DRAINAGE
- INLET
- DROP INLET
- THRUST BLOCK
- MANHOLE
- DOWN SLOPE OF HILL
- POWER LINE
- POWER POLES
- FIRE HYDRANT
- FUEL LINE
- CD CULVERT (DISTURBED)
- CU CULVERT (UNDISTURBED)
- DIRT BERM

6" PIPE OVERFLOW LINE
6" LINE WATER TANK QUENCH LINE
6" PIPE RETORT LINE
1" TUBE FUEL LINE
6" PIPE SUCTION LINE
6" PIPE SUCTION LINE

LICENSED PROFESSIONAL ENGINEER JOHN CHRISTENSEN No. 165651 STATE OF UTAH

I, JOHN CHRISTENSEN BEING A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF UTAH, DO HEREBY CERTIFY THAT THE INFORMATION CONTAINED ON THIS DRAWING IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

John Christensen 5-11-05

JOHN CHRISTENSEN NO. 165651 DATE

NOTE:
REFER TO DWG. #CM-10882-DR (PLATE 1-4), FOR EXTENTS OF THE DEER CREEK MINE, DISTURBED AREA BOUNDARY AND ASCA AREAS

DATE	REVISIONS	BY	CHK
5-10-05	REMOVED AUXILLARY FAN NOTATION AT MCKINNON PORTAL, REMOVED CONCRETE PORTAL LINER, AND EXISTING BELT DRIVE, TRANSFORMERS, AND POWER POLES, ADDED MCC HOUSING, REPLACED BELT DRIVE, ADDED RETAINING WALLS, BACKFILLED MCKINNON PORTAL, AND ADDED DUMPABLE SEDIMENT BOX AND RETAINING WALL AT SEDIMENT POND	KJL	
5-28-03	RELOCATED 3" WATER LINE BEHIND PARKING GARAGE	KJL	
4-30-03	REVISED WATER, POWER, AND DRAINAGE LINES BEHIND WAREHOUSE	KJL	
1-12-01	REVISED DISTURBED AREA BOUNDARY USING 1999 ORTHO QUAD	KJL	
12-13-99	ADDED SURFACE DRAINAGE ARROWS, WATER BARS, BERMS AND REVISED DISTURBED AREA BOUNDARY	KJL	
11-30-99	REVISED ELK CANYON FILL STORAGE PILE	KJL	
11-12-99	ADDED INTERMEDIATE CONTOURS TO TERRACE AREAS	KJL	
7-22-97	REMOVED PARTS OF AUXILLARY FAN. ADD STORAGE AREA IN ELK CAN.	KJL	
6-3-96	ADDED DISTURBED AREA AND USFS BOUNDARIES	KJL	
5-31-96	REVISED DRAINAGE TO CURRENT CONDITIONS, REVISED THRUST BLOCKS	KJL	
4-24-96	ADDED RETAINING WALL AT COAL BIN, POWER POLES AND SKIMMER	KJL	
4-17-96	ADDED 4" WATER LINES, FIRE HYDRANTS AND BELT SCALE PAD	KJL	
10-2-95	ADDED BIN WALL AT COAL SURGE BIN AREA, AND SOIL PILE	KJL	

DATE	REVISIONS	BY	CHK
4-20-95	ADDED TIRE DOCK, SEDIMENTENT RETENTION BOX AND REVISED COAL SURGE BIN TO REFLECT EXISTING CONTOURS	KJL	
1-29-93	ADDED STORAGE DOCKS, STEAM CLEANER, PROPANE TANK AND 4" WATER LINE. REMOVED OLD SUB-STATION, POWER POLES AND SWITCH GEARS.	KJL	
12-10-91	ADDED MCC BLDG AND STORAGE DOCK.	KJL	
4-16-91	REVISED SEWER LINE LOCATION FROM WAREHOUSE ADDED CLEANOUTS	KJL	
2-21-91	GENERAL REVISIONS AND ADDITIONS TO REFLECT CURRENT FACILITIES.	KJL	
1-22-91	ADDED 6' ROUND AND 8'2"X5'9" ARCH PIPES BELOW SEDIMENTATION POND.	KJL	
10-3-90	REVISED DRAINAGE TO REFLECT CURRENT CONDITIONS	KJL	
6-5-90	ADDED TRASH BUNKER, 12"CD,DROP INLET AND COMPRESSOR BLDG AT TIPPLE. REVISED 15" WATER AND 8" SEWER LINES.	KJL	
5-24-90	ADDED 18" " PVC MINE DISCHARGE LINE.	KJL	
1-19-90	ADDED AUTOMATED SECURITY GATES AT SECURITY GUARD STATION	KJL	
1-10-90	ADDED ELK CANYON ASCA .02 ACRES.	KJL	
11-3-89	REVISED DRAINAGE AND SURFACE FACILITIES TO REFLECT CURRENT AS BUILT CONDITIONS.	KJL	TJF
6-6-89	ADDED NEW SUB-STATION AMD POWER POLES-RELOCATED ROCK DUST SILO	KJL	
6-27-88	REVISED DRAINAGE AND SURFACE FACILITIES AND ADDED SOIL SAMPLE LOCATIONS.	KJL	
8-18-87	ADDED PARKING GARAGE AND OIL STORAGE PADS	KJL	
6-22-87	ADDED CONTOUR LINES	KJL	

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JUN 15 2005
DIV. OF OIL, GAS & MINING

CAD FILE NAME/DISK#: DCPLOT

3-9

ENERGY WEST MINING COMPANY
HUNTINGTON, UTAH 84528

DEER CREEK MINE SURFACE YARD MAP

DRAWN BY: PKB & KJL

SCALE: 1" =100'

DATE: MAY 25, 1994

DS202E

DRAWING #:

SHEET 1 OF 1

REV.