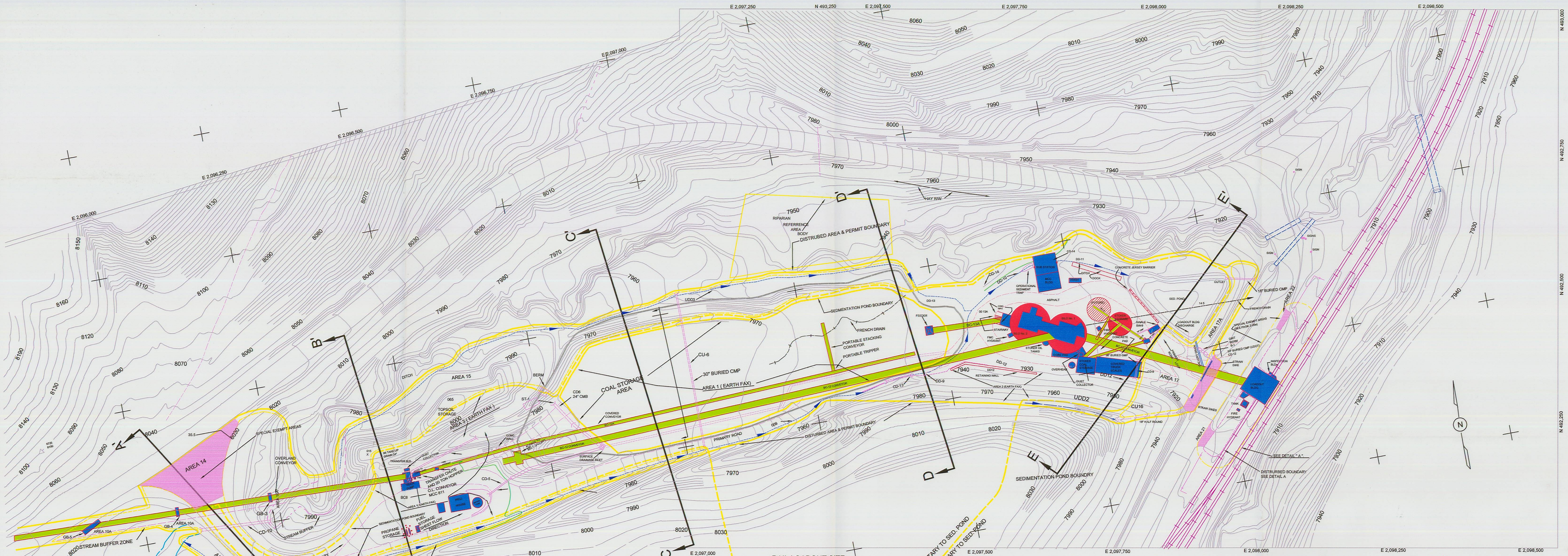
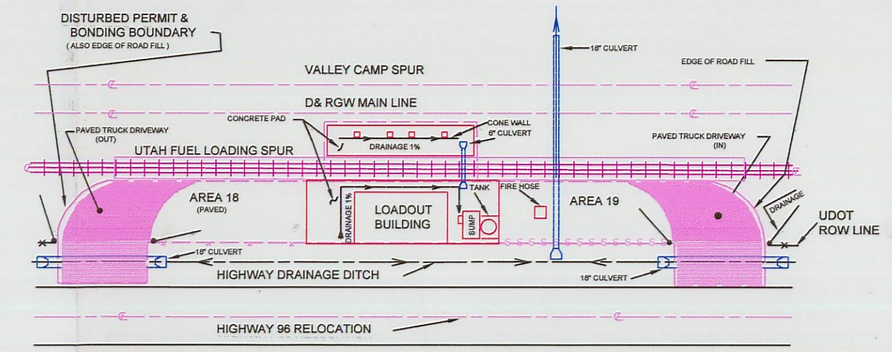
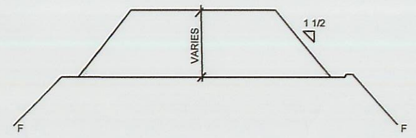




DETAIL "A"

NO SCALE

STRAWBALE AND/OR SILT FENCE ——S S S S S
MSHA BERM
GOB DISPOSAL AREA



} EXEMPT AREA - AREA COVERED WITH MINIMUM OF 2" CLEAN BALLAST MATERIAL.

LEDGEND

DISTURBED AREA BOUNDARY; (AREA WITHIN WHICH RECLAMATION MUST TAKE PLACE)

ALTERNATIVE SEDIMENT CONTROL AREA; (SEDIMENT CONTROLED WITH STRAW BALES OR OTHER TECHNEQUES)

DRAINAGE DITCH OR PATH:

FRENCH DRAIN:

AREA TRIBUTARY TO SEDIMENTATION POND:

SPECIAL EXEMPT AREAS:

BEGINING OR END OF DITCH: DITCH SLOPE CHANGE

NOTES

(1.) SEE DRAWINGS 4..4.2-1C AND 4.4.2-1D FOR THE RECLAMATION PLAN AND CROSS SECTIONS.

(2.) THE DISTURBED AREA ON THIS MAP IS 13.82 ACRES.

(3.) AREAS THAT WERE USED IN THE SEPT. 1984 EARTH FAX ENGINEERING STUDY WHICH DEFINES THE REQUIRED SEDIMENTATION POND VOLUME AND RETENTION TIME ARE SHOWN ABOVE WITH ARROWS DEFINING THE AREA BOUNDRIES.

(4.) NUMEROUS DEVICES SUCH AS PAVEMENT, TEMPORARY DRAINAGE AND GRADING CONTROLS, WHICH ARE NOT SHOWN ON THIS DRAWING ARE USED AS NECESSARY TO DIRECT RUNOFF TO THE PERMANENT DIVERSION FACILITIES SHOWN ABOVE.

NO	DATE	REVISION	DRAWN	APPR
1	9-25-89	MINOR CHANGES TO LEGEND AND SPEC. EXEMPT AREAS		
2	9-30-89	EARTHFAX STUDIE AREAS ADDED		
3	11-19-89	NOTE ADDED: TEMP DRAINAGE REMOVED		
4	11-27-89	MINOR CHANGES TO NOTES AND DITCHES		
5	4-11-90	MINOR CHANGES TO AREA 20		AWG
6	1-30-90	ADDED TEMP TRUCK REPAIR BLDG & STORAGE AREA		AWG
7	7-29-91	UPDATED SURFACE FACILITIES		AWG
8	9-24-91	UPDATED SURFACE FACILITIES		AWG
9	10-11-91	ADD OPEN COAL STORAGE AREA		AWG
10	12-5-91	ADDED OVERLAND CONVEYOR		AWG
11	4-14-92	UPDATE SURFACE FACILITIES		AWG
12	4-22-92	CHANGE PERMIT BOUNDARY		AWG
13	6-10-92	ADDED OVERLAND CONVEYOR INFO AND UPDATED BC-13A INFO		AWG
14	7-7-92	CHANGE CD-6 & DD9 ELIMINATED CD-7 & CD-8		AWG
15	9-3-92	ADDED NEW CONTOURS, 8104, 0914, CONCRETE CHANNEL, SEDIMENT TRAP, COAL STORAGE		AWG
16	9-15-92	BNDRY OF GOB DISPOSAL AREA ADDED		AWG
17	9-25-92	ADDED RIPARIAN REFERENCE AREA		AWG
18	4-23-93	ADDED PERMIT AREA, DD-13, 13A, 14, ENLARGED SEDIMENT POND		AWG
19	6-2-93	ADD CD-13, DIRT BERM, CHANGED COAL BNDRY		AWG
20	9-29-93	ADDED CD-14		CW
21	10-21-93	ADDED CD-5 EXTENSION AND SEDIMENT TRAP -1		
22	2-8-94	ADD BC-17 CONVEYOR		
23	12-1-94	ADD PRIMARY ROAD LOCATION		JDP
24	7-17-96	ADD CONCRETE PAD AND DD-15		JDP
25	12-9-97	EXTENDED DD-12		JDP
26	8-3-99	ADDED ASPHALT AROUND SILOS		JDP

		DATE
DESIGNED BY:	K. ZOBELL W. SHRIVER	7-89
DRAWN BY:	A. GUYMON	7-89
CHECKED BY:	TCH 7-89	
APPROVED BY:	KLU 7-89	
APPROVED BY:		

REGISTERED PROFESSIONAL ENGINEER CERTIFICATE OF AUTHORITY NO. 22 167958-2202 CARL W WINTERS STATE OF UTAH

AS PER SEAL ON FILE
DATE: 07-19-09
DRAWN BY: DOUGLAS E. TAYLOR
SCALE: 1" = 50'
DRWG. NO.: 321-3

REVISIONS

LOADOUT FACILITIES
DRAINAGE AND PERMIT BOUNDARY MAP

Canyon Fuel Company, LLC
Skyline Mines

RECEIVED
AUG 10 2009
DIV. OF OIL, GAS & MINING