

R 92 W

15

16

T 28 N

20

21

22

28

27

33

34

FREMONT COUNTY RD. 23
CROOKS GAP ROAD

HANKS DRAW ROAD
(EXISTING)

HANKS DRAW
SPOILS
FACILITY

CONGO PIT

ORE
PAD

PRIMARY
ACCESS ROAD

OFFICE

UNDERGROUND
MINE SHOP
AND DRY
SHOP AND WAREHOUSE

SOUTH SPOILS
FACILITY

SHEEP I
SHAFT

EXISTING ACCESS ROAD
TO BE MAINTAINED

SHEEP II
SHAFT

CROOKS GAP ROAD

BIG EAGLE ROAD

WYW 168211

BIG SHEEP
DECLINE

PROPOSED NRC LICENSE AREA

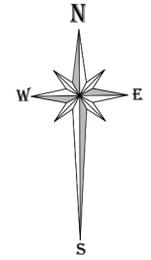
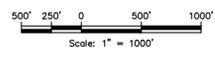
McINTOSH
PIT

McINTOSH
NO. 2
RESERVOIR

EXISTING POWER LINE TO SHEEP CREEK
OIL FIELD WILL BE MOVED AS REQUIRED
FOR CONSTRUCTION.

LEGEND

-  SECTION LINE
-  PERMIT AREA BOUNDARY
-  EXISTING ROAD / ACCESS ROUTE
-  EXISTING GROUND CONTOUR
-  MAXIMUM EXTENT OF SURFACE DISTURBANCE
-  EXISTING POWER LINE
-  EXISTING GAS LINE
-  EXISTING PHONE LINE
-  DEWATERING PIPELINE ALIGNMENT
-  WYW 68064 UTILITY EASEMENTS
-  EXISTING MINE PORTAL
-  EXISTING MINE SHAFT
-  PROPOSED NRC LICENSE AREA



NOTES:
Aerial Photo and Topo Data obtained from Aerial Flight on 10/23/2009
Contour Interval = 10'.
Land Datum: Wyoming State Planes NAD-83, West Central Zone, US Feet.

REVISIONS		SHEEP MOUNTAIN	
Date	By	County: FREMONT	State: WYOMING
		Location: T 28 N - R 92 W	
MAP 3-1			
SITE ACCESS AND UTILITIES			
Scale: 1"=1000'		Date: 9/28/15	Drafted By: RE
Mine_Plan.dwg Access & Utilities 3-1			

R 92 W

15

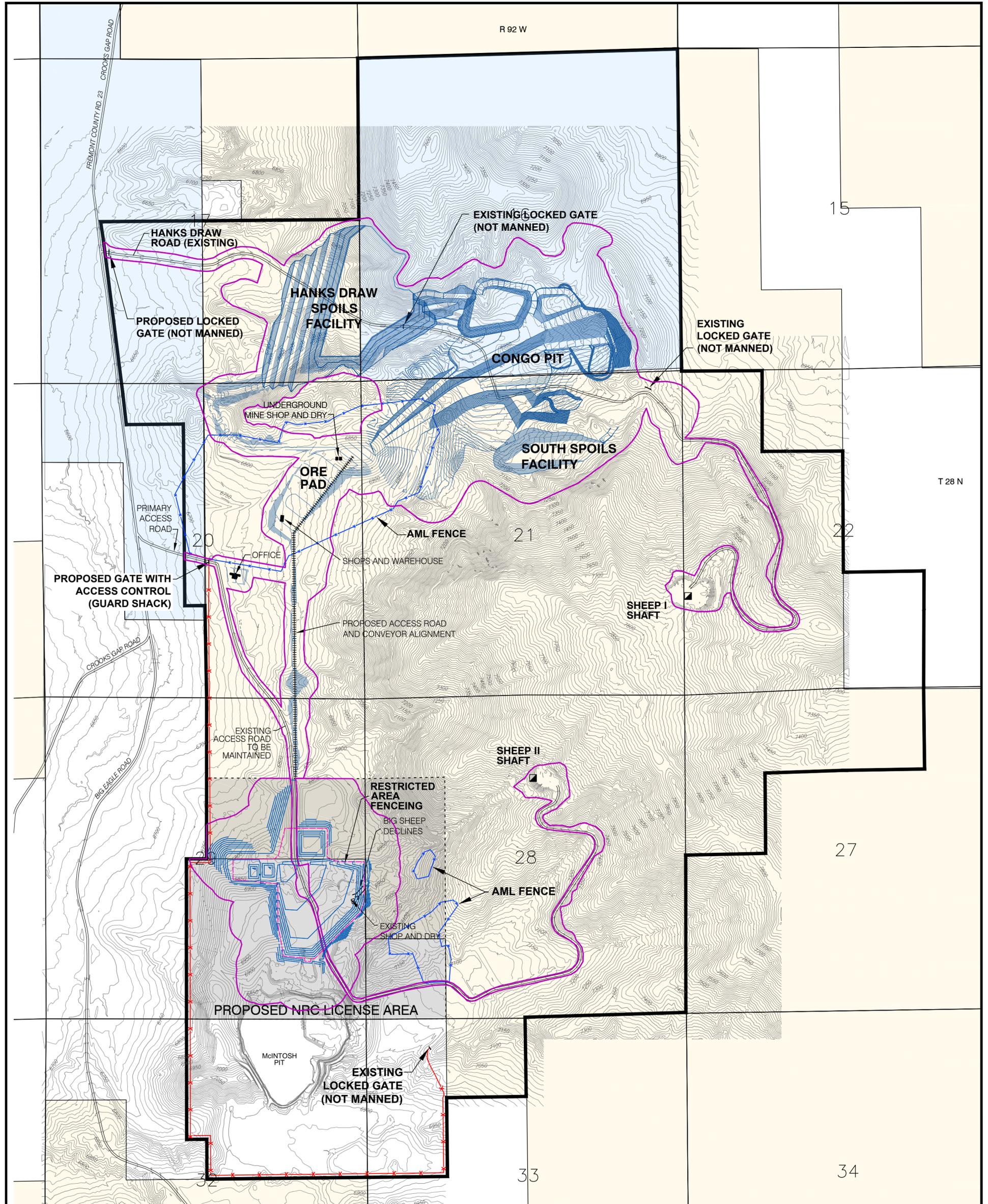
T 28 N

27

28

33

34

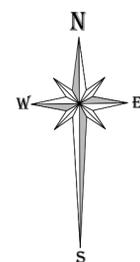
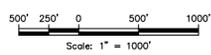


LEGEND

- SECTION LINE
- PERMIT AREA BOUNDARY
- EXISTING ROAD / ACCESS ROUTE
- EXISTING GROUND CONTOUR
- DESIGN CONTOUR
- MAXIMUM EXTENT OF SURFACE DISTURBANCE

- EXISTING FENCE TO BE MAINTAINED
- EXISTING AML FENCE
- PROPOSED OVERLAND CONVEYOR ALIGNMENT
- RESTRICTED AREA FENCE

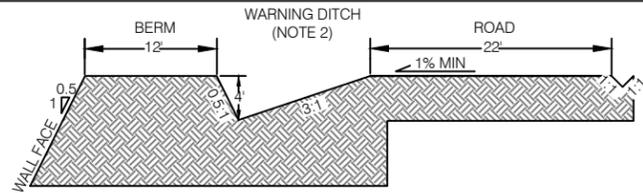
- BLM PROPERTY
- STATE PROPERTY
- PRIVATE PROPERTY
- EXISTING MINE PORTAL
- EXISTING MINE SHAFT
- PROPOSED NRC LICENSE AREA



NOTES:
Aerial Photo and Topo Data obtained from Aerial Flight on 10/23/2009
Contour Interval = 10'.
Land Datum: Wyoming State Planes NAD-83, West Central Zone, US Feet.

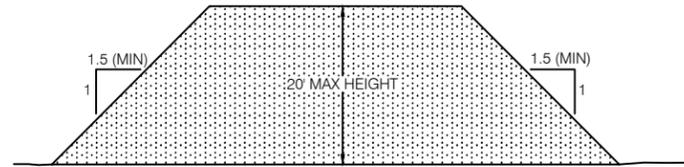
REVISIONS		SHEEP MOUNTAIN	
Date	By	County: FREMONT	State: WYOMING
		Location: T 28 N - R 92 W	
		MAP 3-2	
		SITE SECURITY	
Scale: 1"=1000'		Date: 10/5/15	Drafted By: RE
Mine Plan.dwg, Security 3-2			

OPEN PIT MINE DETAILS



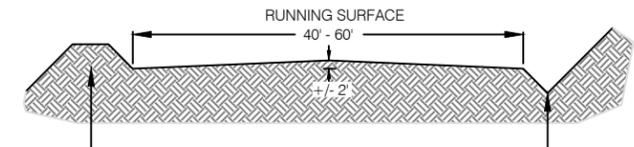
HIGHWALL WARNING DITCH AND BERM DETAIL

N.T.S.



TOPSOIL STOCKPILE DETAIL (NOTE 3)

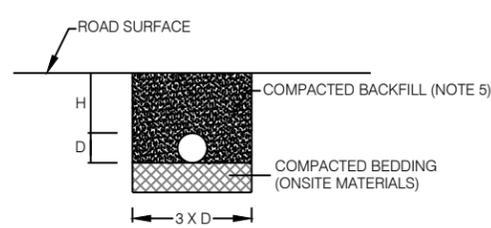
N.T.S.



TYPICAL HAUL ROAD DETAIL

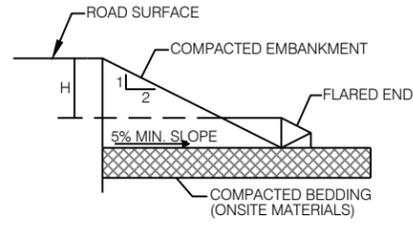
N.T.S.

CULVERT DETAILS



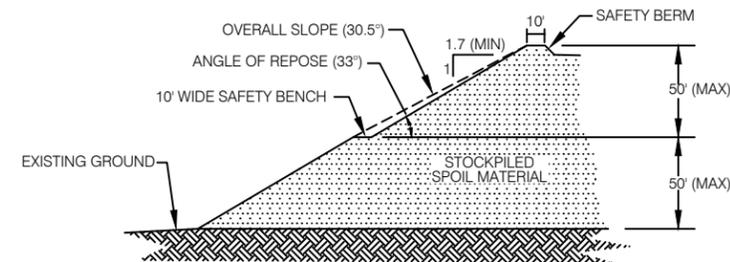
CULVERT TYPICAL CROSS SECTION

N.T.S.



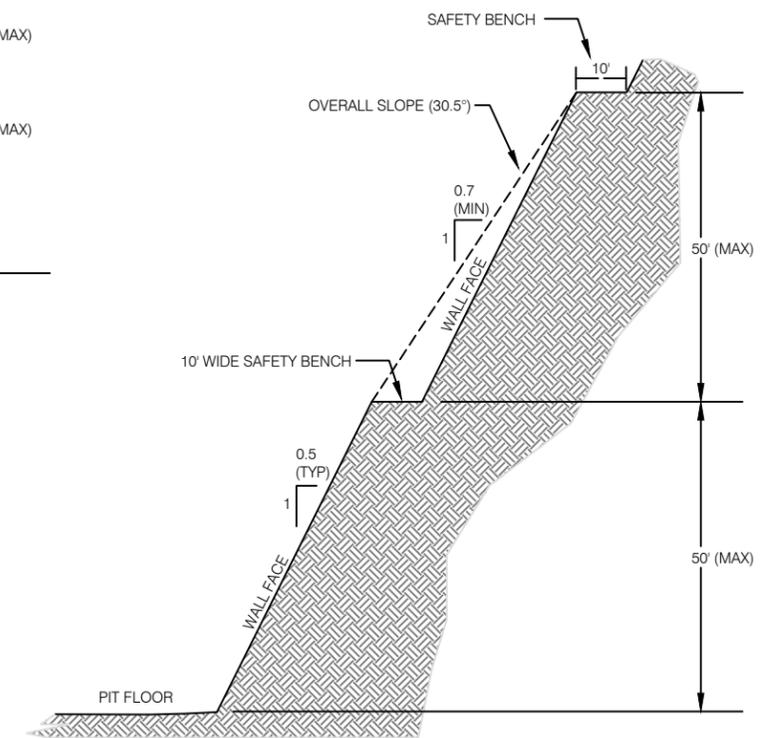
CULVERT OUTLET PROFILE DETAIL

N.T.S.



MINE SPOILS TYPICAL CROSS SECTION (NOTE 4)

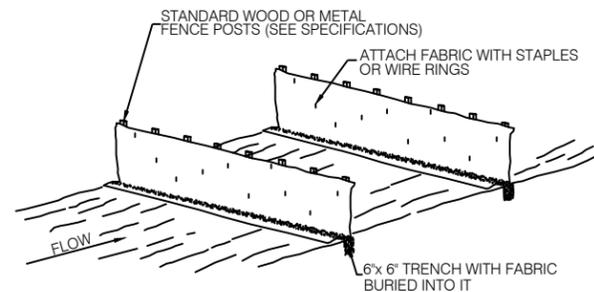
N.T.S.



TYPICAL OPEN PIT HIGHWALL

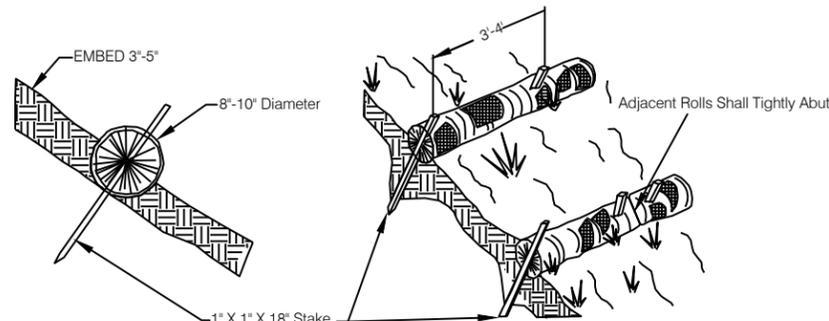
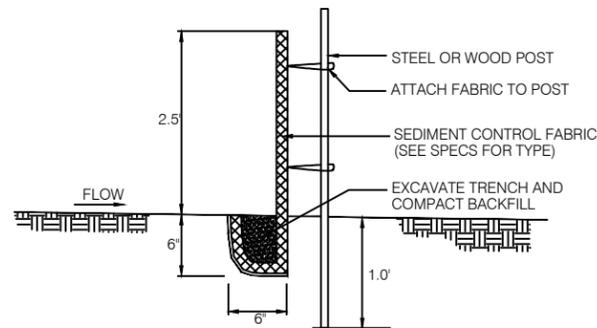
N.T.S.

EROSION CONTROL DETAILS



SEDIMENT CONTROL FENCE

N.T.S.



SEDIMENT CONTROL WATTLE

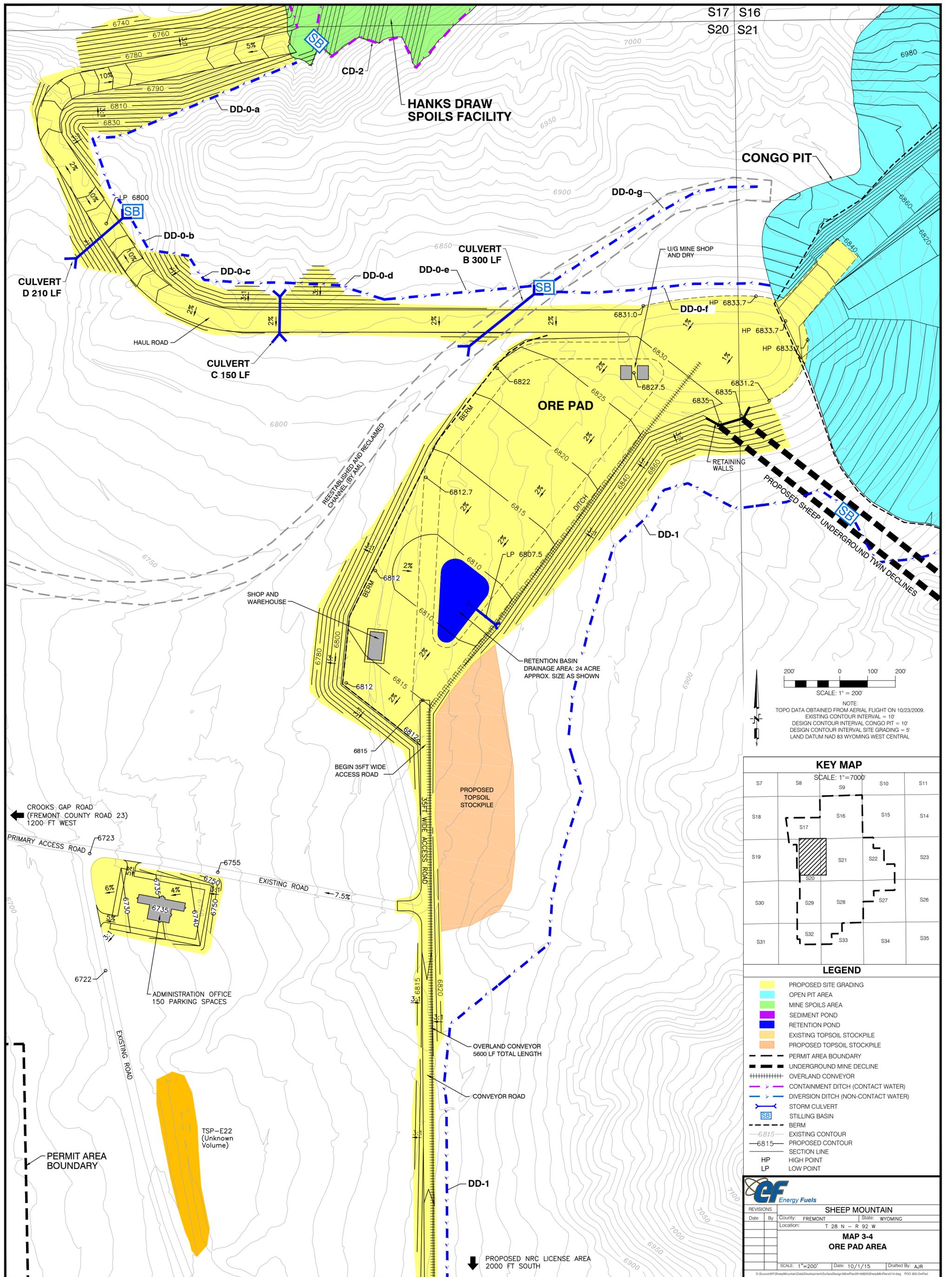
N.T.S.

NOTES:

- 1) DRAWING DEVELOPED BY BRS ENGINEERING WITH MINOR MODIFICATION BY ENERGY FUELS.
- 2) HIGHWALL WARNING DITCH AND BERM WILL DIRECT SURFACE WATER FLOW AWAY FROM MINE OPERATION AND LIMIT INGRESS.
- 3) TOPSOIL PILE SHALL BE NEATLY DRESSED, LOCATED TO MINIMIZE WIND AND WATER EROSION, SEEDED WITH APPROVED TEMPORARY GRASS MIXTURE, AND CLEARLY MARKED AS "TOPSOIL".
- 4) MINE SPOILS PILES WILL BE CONSTRUCTED IN A STABLE MANNER. OUTSIDE SLOPE WILL BE PROTECTED WITH A SAFETY BERM. BERM TO BE BUILT TO AXLE HEIGHT OF LARGEST SITE EQUIPMENT AND SHALL CONTAIN PRECIPITATION AND RUN-ON EQUIVALENT TO A 10 YEAR / 24 HOUR STORM EVENT TO MINIMIZE SIDE SLOPE EROSION.
- 5) FILL DEPTH (H) SHALL BE A MINIMUM OF 2 FT. FOR CULVERT CONSTRUCTION.



REVISIONS		SHEEP MOUNTAIN	
Date	By	County: FREMONT	State: WYOMING
		Location: T 28 N - R 92 W	
MAP 3-3			
MINE CONSTRUCTION DETAILS			
Scale: N.T.S.	Date: 9/16/15	Drafted By: AJR	



S17 S16
S20 S21

CONGO PIT

HANKS DRAW SPOILS FACILITY

ORE PAD

DD-0-f

CULVERT B 300 LF

CULVERT C 150 LF

CULVERT D 210 LF

PROPOSED SHEEP UNDERGROUND TWIN DECLINES

RETENTION BASIN DRAINAGE AREA: 24 ACRE APPROX. SIZE AS SHOWN

PROPOSED TOPSOIL STOCKPILE

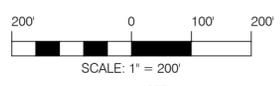
ADMINISTRATION OFFICE 150 PARKING SPACES

OVERLAND CONVEYOR 5600 LF TOTAL LENGTH

CONVEYOR ROAD

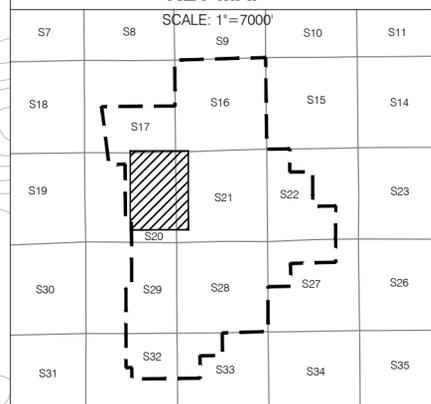
DD-1

PROPOSED NRC LICENSE AREA 2000 FT SOUTH



NOTE:
TOPO DATA OBTAINED FROM AERIAL FLIGHT ON 10/23/2009.
EXISTING CONTOUR INTERVAL = 10'
DESIGN CONTOUR INTERVAL CONGO PIT = 10'
DESIGN CONTOUR INTERVAL SITE GRADING = 5'
LAND DATUM NAD 83 WYOMING WEST CENTRAL

KEY MAP



LEGEND

- PROPOSED SITE GRADING
- OPEN PIT AREA
- MINE SPOILS AREA
- SEDIMENT POND
- RETENTION POND
- EXISTING TOPSOIL STOCKPILE
- PROPOSED TOPSOIL STOCKPILE
- PERMIT AREA BOUNDARY
- UNDERGROUND MINE DECLINE
- OVERLAND CONVEYOR
- CONTAINMENT DITCH (CONTACT WATER)
- DIVERSION DITCH (NON-CONTACT WATER)
- STORM CULVERT
- STILLING BASIN
- BERM
- 6815- EXISTING CONTOUR
- 6815- PROPOSED CONTOUR
- SECTION LINE
- HP HIGH POINT
- LP LOW POINT

CF Energy Fuels

SHEEP MOUNTAIN

County: FREMONT State: WYOMING
Location: T 28 N - R 92 W

MAP 3-4
ORE PAD AREA

SCALE: 1"=200' Date: 10/1/15 | Drafted By: AJR

CROOKS GAP ROAD (FREMONT COUNTY ROAD 23) 1200 FT WEST

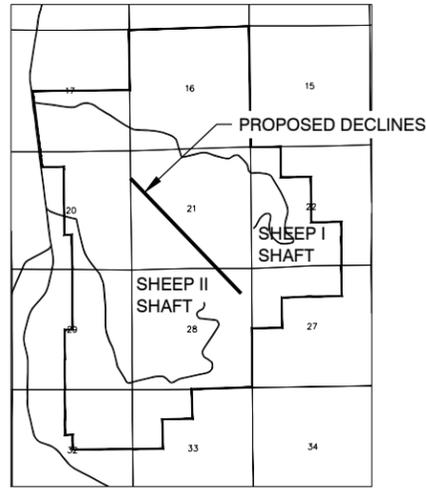
PRIMARY ACCESS ROAD

EXISTING ROAD

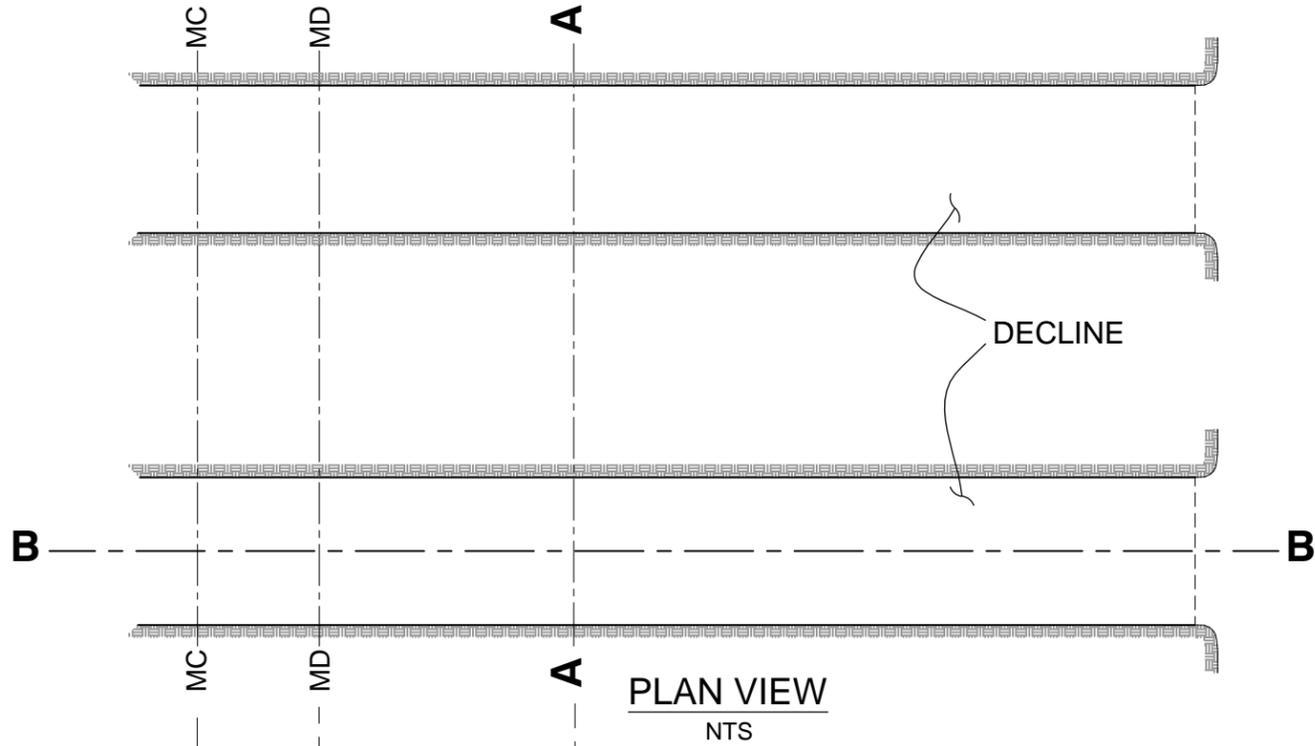
EXISTING ROAD

PERMIT AREA BOUNDARY

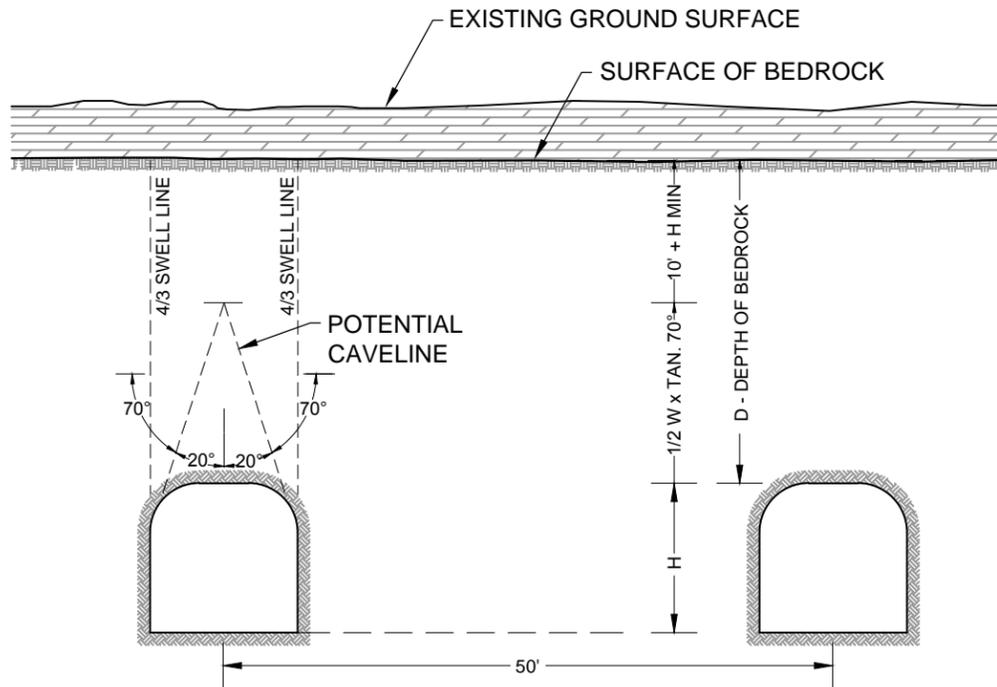
TSP-E22 (Unknown Volume)



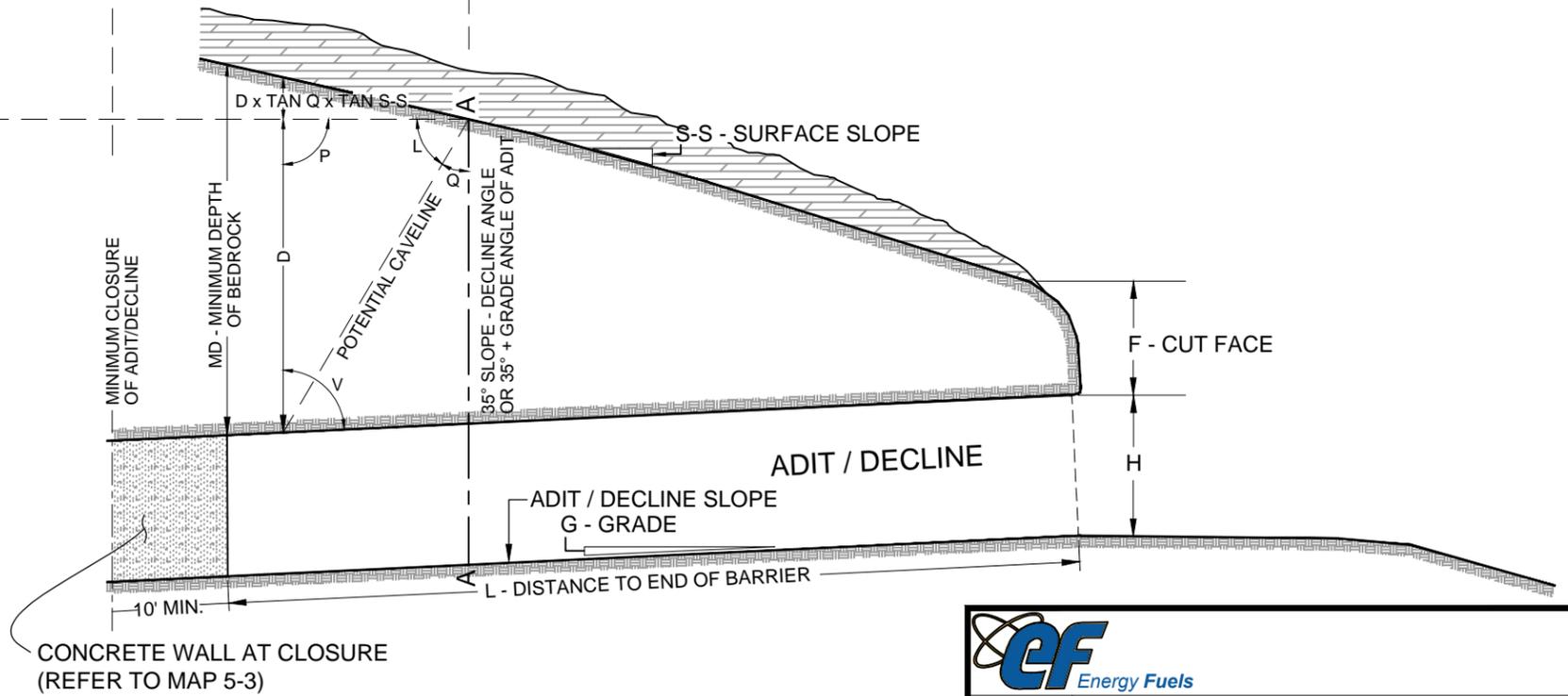
KEY MAP
1" = 8000'



PLAN VIEW
NTS



SECTION A-A
NTS

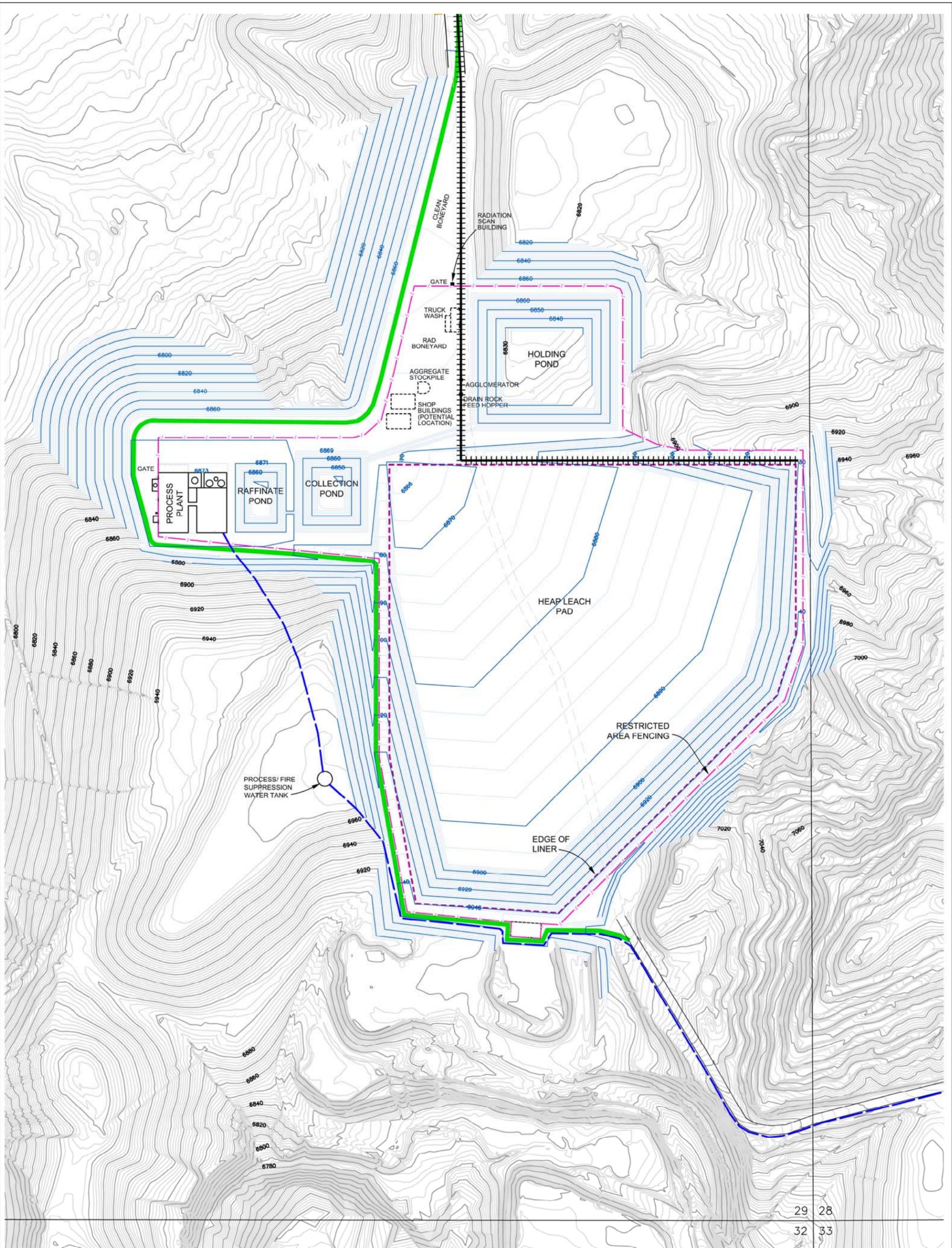


SECTION B-B
NTS

CONCRETE WALL AT CLOSURE
(REFER TO MAP 5-3)

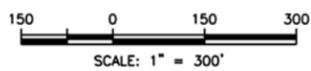
NOTE:
DRAWING DEVELOPED BY BRS ENGINEERING WITH
MINOR MODIFICATIONS BY ENERGY FUELS.

		SHEEP MOUNTAIN	
REVISIONS	Date	By	County: FREMONT State: WYOMING
			Location: T 28 N - R 92 W
MAP 3-5			
SHEEP UNDERGROUND DECLINES			
Scale: NTS	Date: 10/5/15	Drafted By: AJR	
Sheep Underground Decline.dwg Map 3-13			

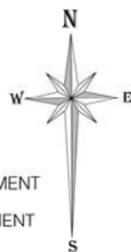


LEGEND

- 6900 EXISTING ELEVATION
- 6920 PROPOSED ELEVATION
- RESTRICTED AREA FENCE
- PROPOSED ACCESS ROAD
- EDGE OF LINER
- PROPOSED CONVEYOR ALIGNMENT
- DEWATERING PIPELINE ALIGNMENT



Sections 28-29
T 28 N, R 92 W



REVISIONS		SHEEP MOUNTAIN	
Date	By	County: FREMONT	State: WYOMING
		Location: T 28 N - R 92 W	
MAP 3-6			
PROCESSING FACILITY LAYOUT			
		SCALE: 1" = 300'	Date: 09/16/15
		Drafted By: AJR	