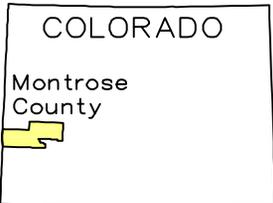
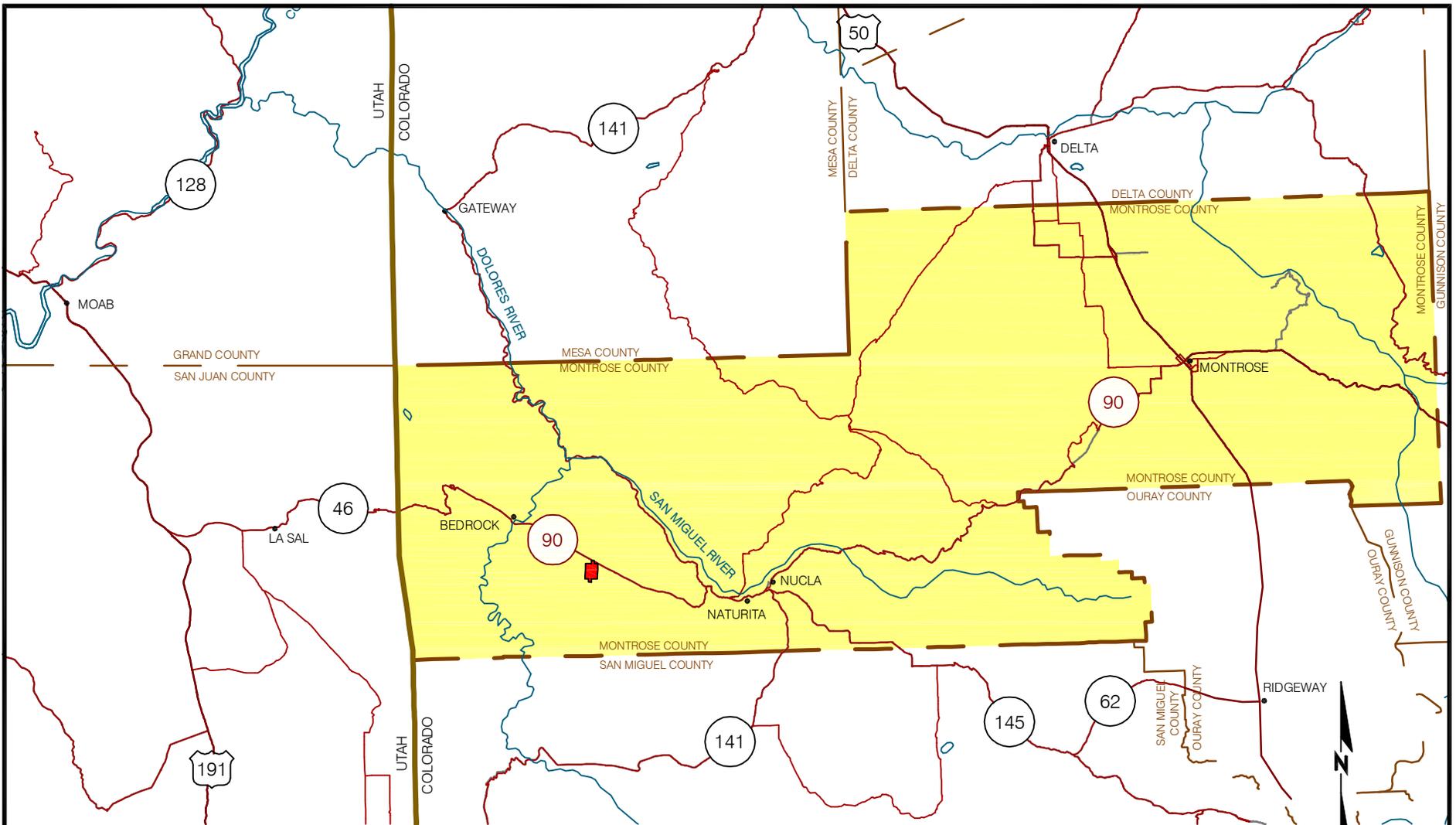


SECTION 3: FIGURES AND PROCESS FLOW DIAGRAMS

Note: Figures 0-1 through 10-1 provided by Energy Fuels Resources as prepared by Visus Consulting Group, Inc. for the Pinon Ridge Facility Operating Plan



COLORADO

Montrose
County

Vicinity Map

 **PIÑON RIDGE MILL FACILITY**
16910 HIGHWAY 90
BEDROCK, CO 81411



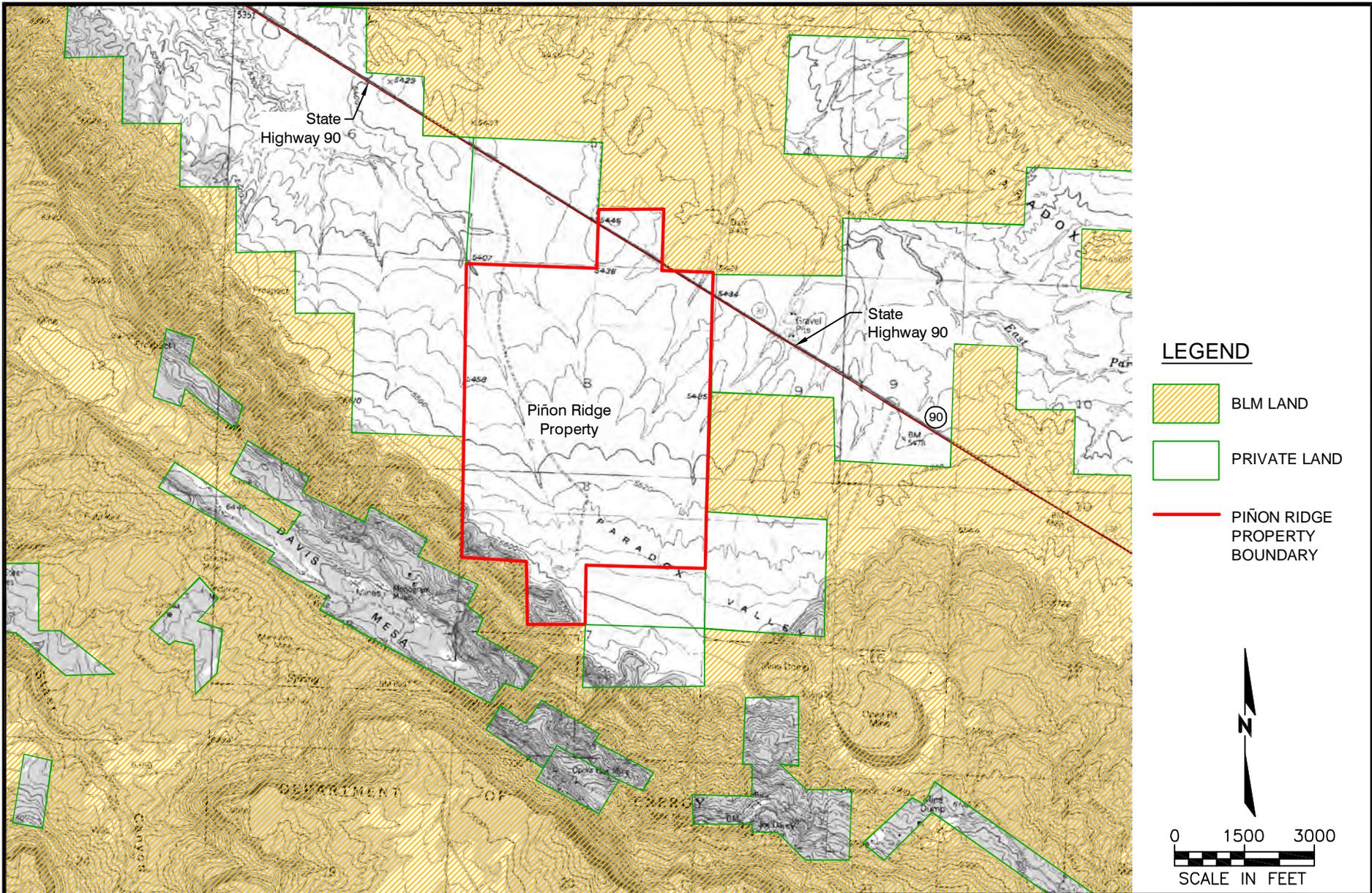
PROJECT
ENERGY FUELS RESOURCES CORPORATION
PIÑON RIDGE MILL FACILITY
MONTROSE COUNTY, COLORADO

TITLE
SITE LOCATION MAP



| PROJECT No. | | N/A | FILE NAME | FIGO-1-SITE-LOC | |
|-------------|-----|---------|-----------|-----------------|--------|
| DESIGN | EFR | 5/1/08 | SCALE | NONE | REV. A |
| CADD | JGM | 7/17/09 | | | |
| CHECK | MAM | 7/17/09 | | | |
| REVIEW | FF | 7/17/09 | | | |

FIGURE 0-1



LEGEND

-  BLM LAND
-  PRIVATE LAND
-  PIÑON RIDGE PROPERTY BOUNDARY



0 1500 3000
SCALE IN FEET

TOWNSHIP 46N, RANGE 17W - NEW MEXICO PRIME MERIDIAN

PROJECT
ENERGY FUELS RESOURCES CORPORATION
PIÑON RIDGE MILL FACILITY
MONTROSE COUNTY, COLORADO

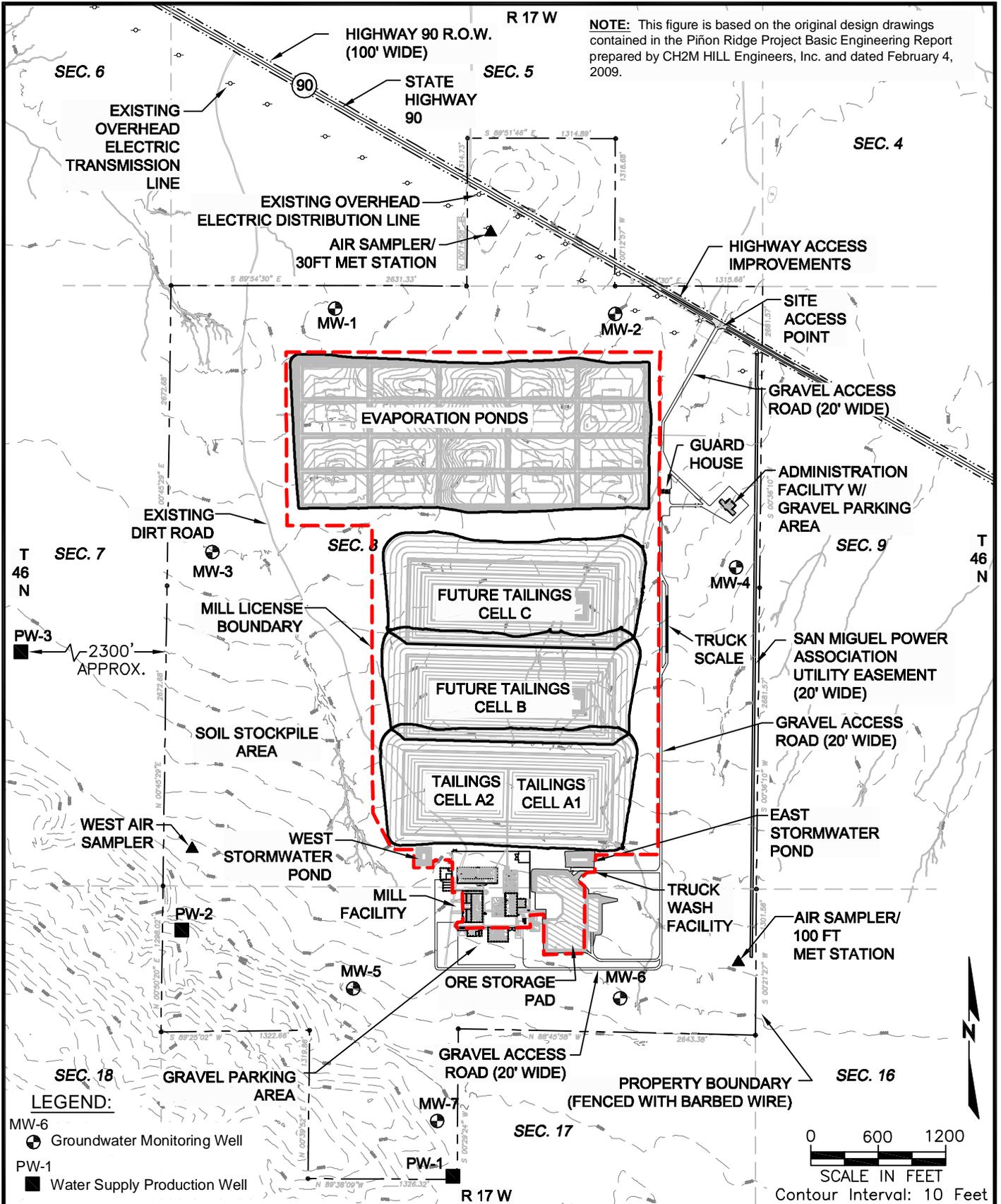
TITLE
PROPERTY MAP



| | | | |
|-------------|-----|-----------|-------------------|
| PROJECT No. | N/A | FILE NAME | FIGO-2-PROP-MAP |
| DESIGN | EFR | 5/1/08 | SCALE NONE REV. A |
| CADD | JGM | 7/17/09 | |
| CHECK | MAM | 7/17/09 | |
| REVIEW | FF | 7/17/09 | |

FIGURE 0-2

NOTE: This figure is based on the original design drawings contained in the Piñon Ridge Project Basic Engineering Report prepared by CH2M HILL Engineers, Inc. and dated February 4, 2009.



- LEGEND:**
- MW-6 Groundwater Monitoring Well
 - PW-1 Water Supply Production Well
 - Meteorological Tower/ Air Monitoring Station

TOWNSHIP 46N, RANGE 17W - NEW MEXICO PRIME MERIDIAN

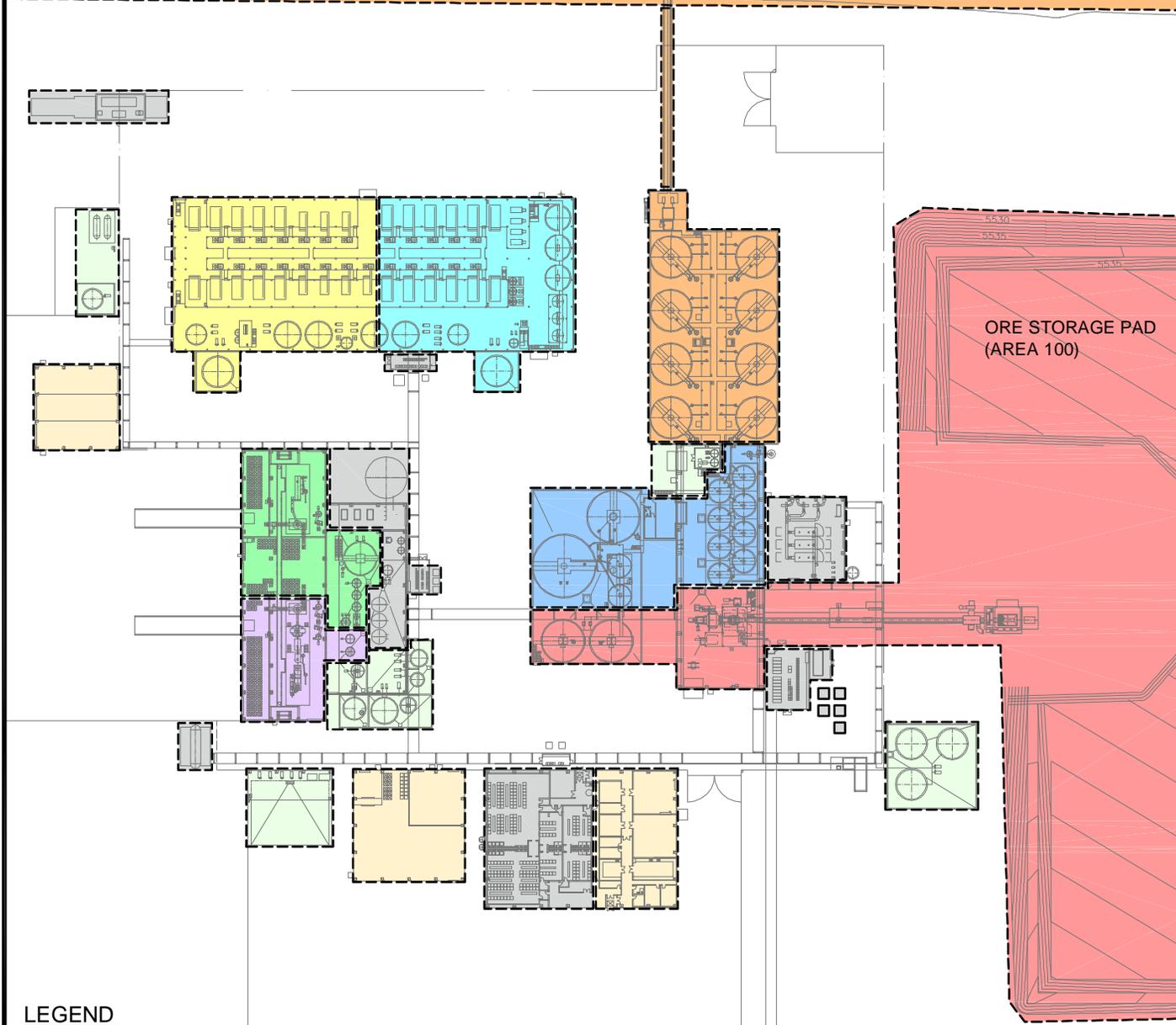
PROJECT
 ENERGY FUELS RESOURCES CORPORATION
 PIÑON RIDGE MILL FACILITY
 MONTROSE COUNTY, COLORADO

| | | | |
|-------------|-----------|------------------|-----------------------|
| TITLE | | SITE PLAN | |
| PROJECT No. | N/A | FILE NAME | FIGO-3-SITE-PLAN |
| DESIGN | CH2M HILL | 2/4/09 | SCALE AS SHOWN REV. A |
| CADD | JGM | 7/17/09 | |
| CHECK | MAM | 7/17/09 | |
| REVIEW | FF | 7/17/09 | |



FIGURE 0-3

REFER TO FIGURE 0-3, SITE PLAN
FOR LOCATIONS OF TAILINGS
CELLS AND EVAPORATION PONDS
(AREA 300)



LEGEND

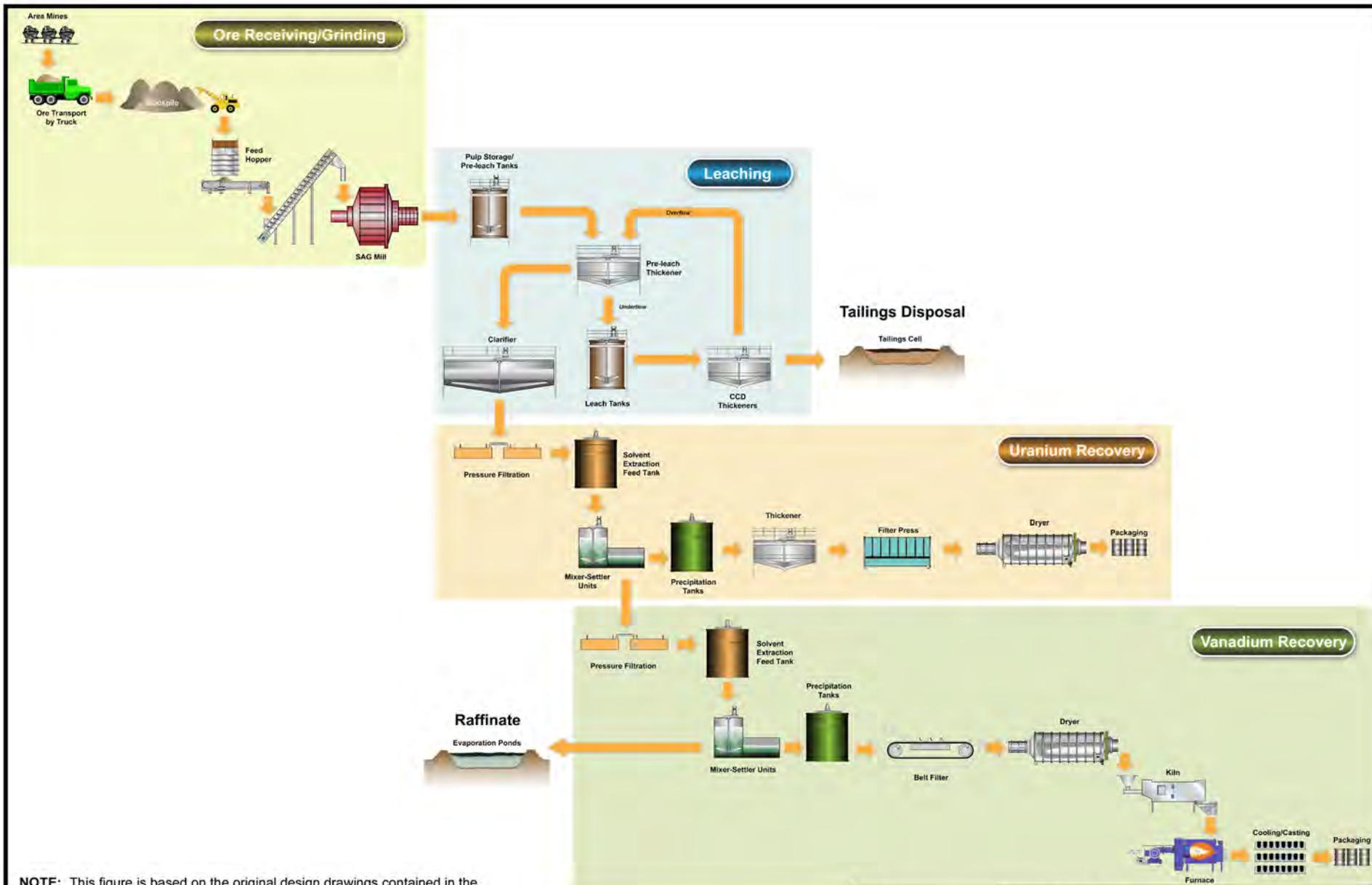
- Area 100 - Ore Handling and Grinding
- Area 200 - Leaching
- Area 300 - CCD Thickeners and Waste Disposal
- Area 400 - Uranium Solvent Extraction (SX)
- Area 500 - Uranium Precipitation
- Area 600 - Vanadium Oxidation and Solvent Extraction (SX)
- Area 700 - Vanadium Precipitation
- Area 800 - Reagents
- Area 900 - Utilities and Buildings
- Area 1000 - General Plant

NOTE: This figure is based on the original design drawings contained in the Piñon Ridge Project Basic Engineering Report prepared by CH2M HILL Engineers, Inc. and dated February 4, 2009.



PROJECT
ENERGY FUELS RESOURCES CORPORATION
PIÑON RIDGE MILL FACILITY
MONTROSE COUNTY, COLORADO

| | | | | | |
|-------------------|-------------|---|---------|-----------|----------------|
| TITLE | | MILLING AND PROCESS AREA KEY MAP | | | |
| | PROJECT No. | N/A | | FILE NAME | FIGO-4-KEY-MAP |
| | DESIGN | CH2M HILL | 2/4/09 | SCALE | NONE REV. A |
| | CADD | JGM | 7/17/09 | | |
| | CHECK | MAM | 7/17/09 | | |
| | REVIEW | FF | 7/17/09 | | |
| FIGURE 0-4 | | | | | |



NOTE: This figure is based on the original design drawings contained in the Piñon Ridge Project Basic Engineering Report prepared by CH2M HILL Engineers, Inc. and dated February 4, 2009.

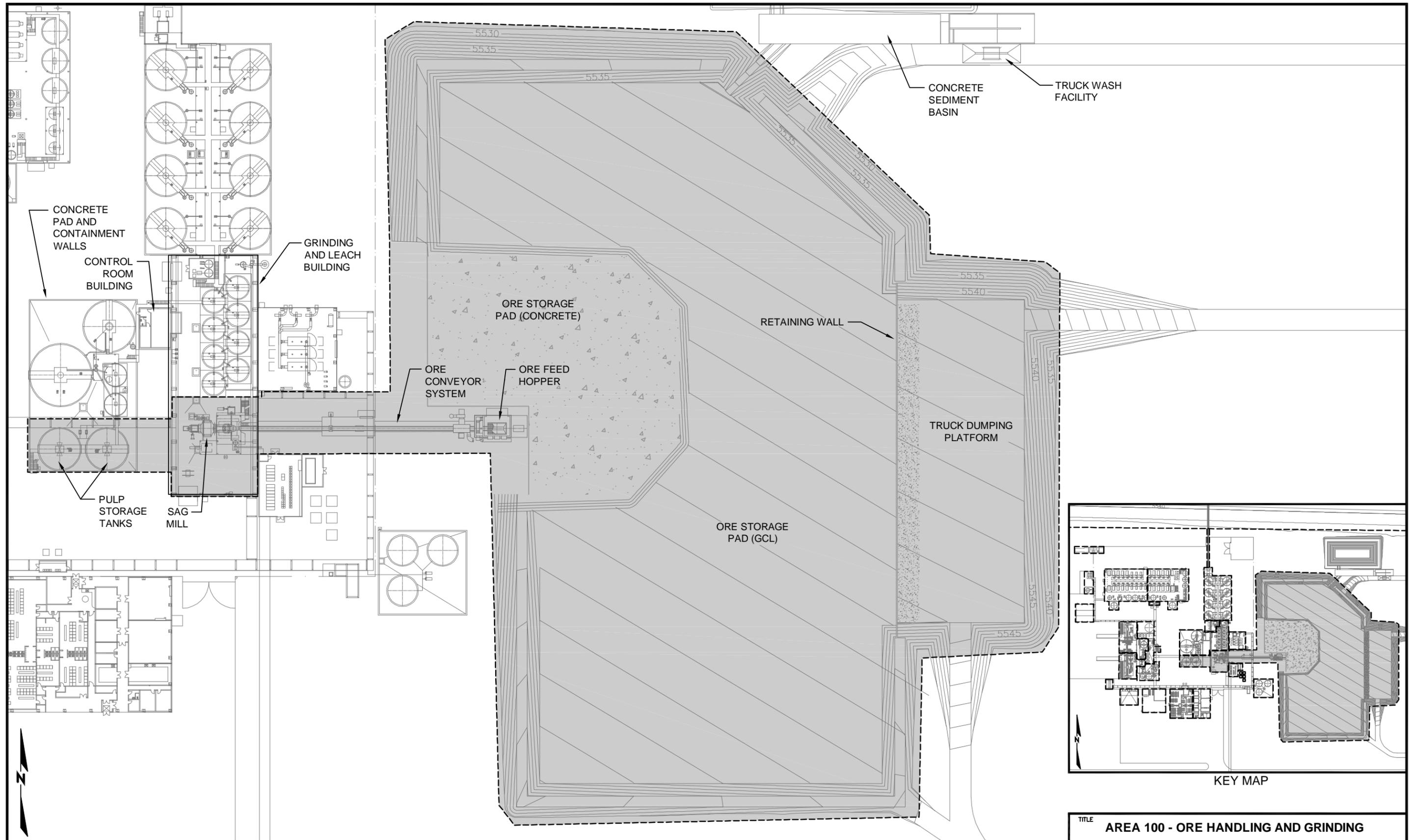
PROJECT
 ENERGY FUELS RESOURCES CORPORATION
 PIÑON RIDGE MILL FACILITY
 MONTROSE COUNTY, COLORADO

TITLE
PROCESS FLOW SHEET



| | | | |
|-------------|-------------|-----------|-----------------|
| PROJECT No. | N/A | FILE NAME | FIGO-5-PRO-FLOW |
| DESIGN | EFR 7/16/09 | SCALE | NONE REV. A |
| CADD | JGM 7/17/09 | | |
| CHECK | MAM 7/17/09 | | |
| REVIEW | FF 7/17/09 | | |

FIGURE 0-5

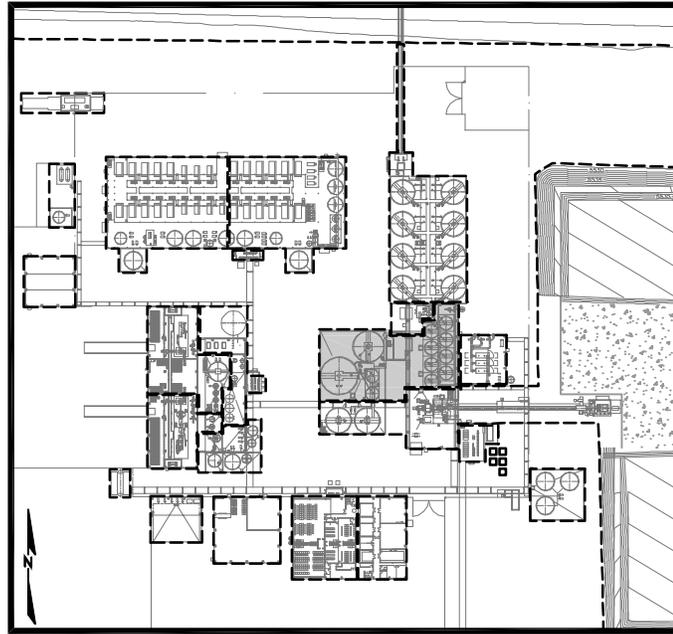


NOTE: This figure is based on the original design drawings contained in the Piñon Ridge Project Basic Engineering Report prepared by CH2M HILL Engineers, Inc. and dated February 4, 2009.

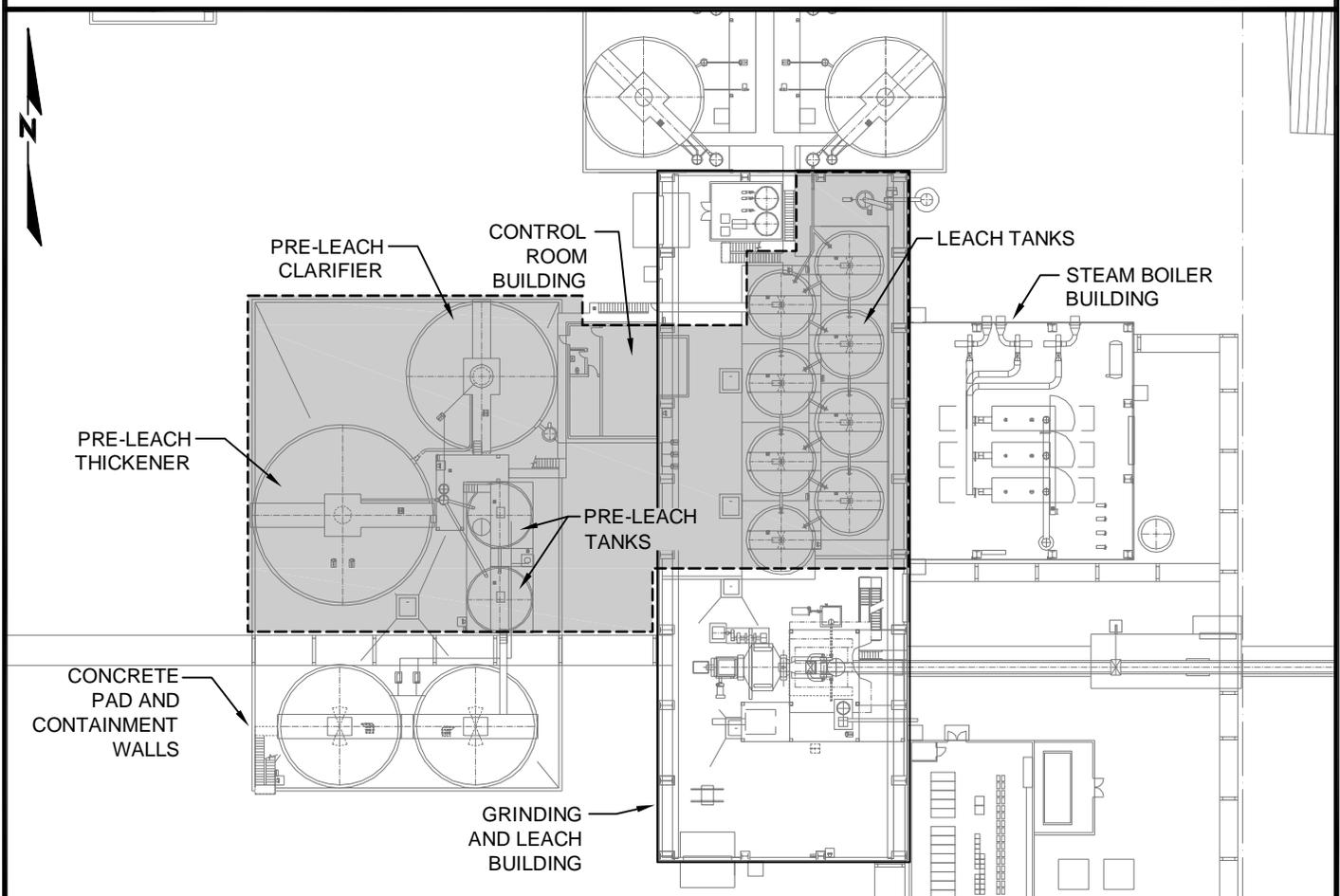
PROJECT
 ENERGY FUELS RESOURCES CORPORATION
 PIÑON RIDGE MILL FACILITY
 MONTROSE COUNTY, COLORADO

| | | | |
|-------------|-----------|---|-------------------|
| TITLE | | AREA 100 - ORE HANDLING AND GRINDING | |
| PROJECT No. | N/A | FILE NAME | FIG1-1-AREA100 |
| DESIGN | CH2M HILL | 2/4/09 | SCALE NONE REV. A |
| CADD | JGM | 7/17/09 | FIGURE 1-1 |
| CHECK | MAM | 7/17/09 | |
| REVIEW | FF | 7/17/09 | |





KEY MAP

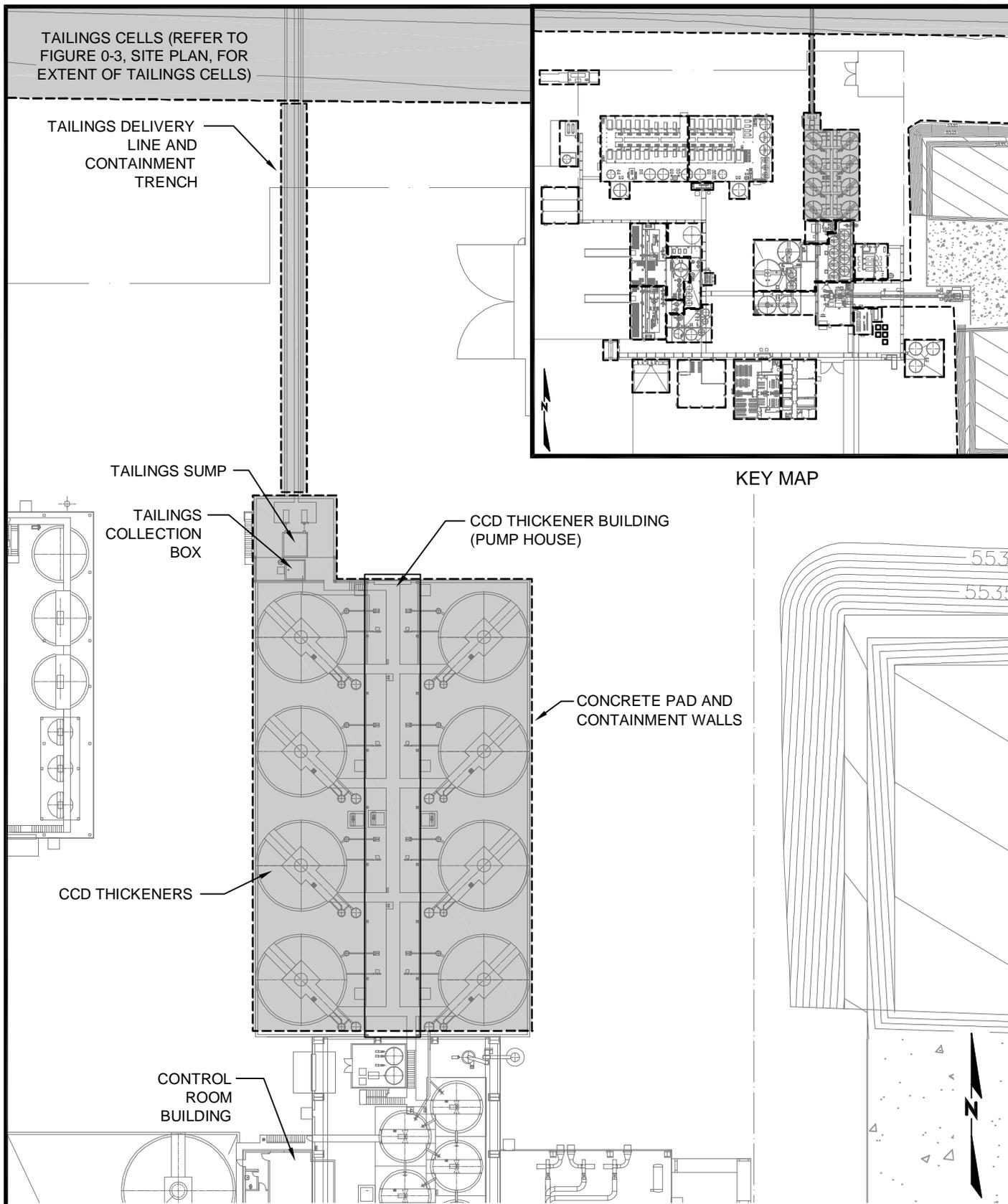


NOTE: This figure is based on the original design drawings contained in the Piñon Ridge Project Basic Engineering Report prepared by CH2M HILL Engineers, Inc. and dated February 4, 2009.

PROJECT
 ENERGY FUELS RESOURCES CORPORATION
 PIÑON RIDGE MILL FACILITY
 MONTROSE COUNTY, COLORADO

| | | | | | |
|-------------|-----------|----------------------------|-------------------|------|--------|
| TITLE | | AREA 200 - LEACHING | | | |
| PROJECT No. | N/A | FILE NAME | FIG2-1-AREA200 | | |
| DESIGN | CH2M HILL | 2/4/09 | SCALE | NONE | REV. A |
| CADD | JGM | 7/17/09 | FIGURE 2-1 | | |
| CHECK | MAM | 7/17/09 | | | |
| REVIEW | FF | 7/17/09 | | | |





NOTE: This figure is based on the original design drawings contained in the Piñon Ridge Project Basic Engineering Report prepared by CH2M HILL Engineers, Inc. and dated February 4, 2009.

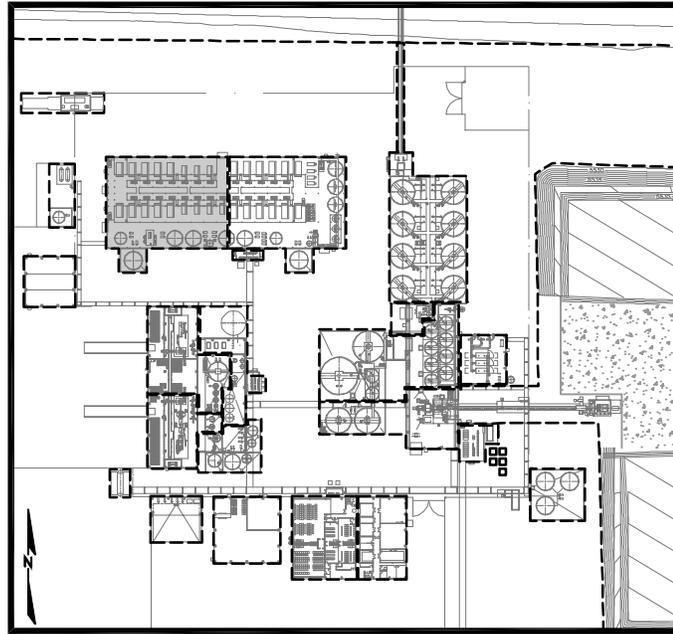
PROJECT
 ENERGY FUELS RESOURCES CORPORATION
 PIÑON RIDGE MILL FACILITY
 MONTROSE COUNTY, COLORADO

TITLE
 AREA 300 - CCD THICKENERS AND WASTE DISPOSAL

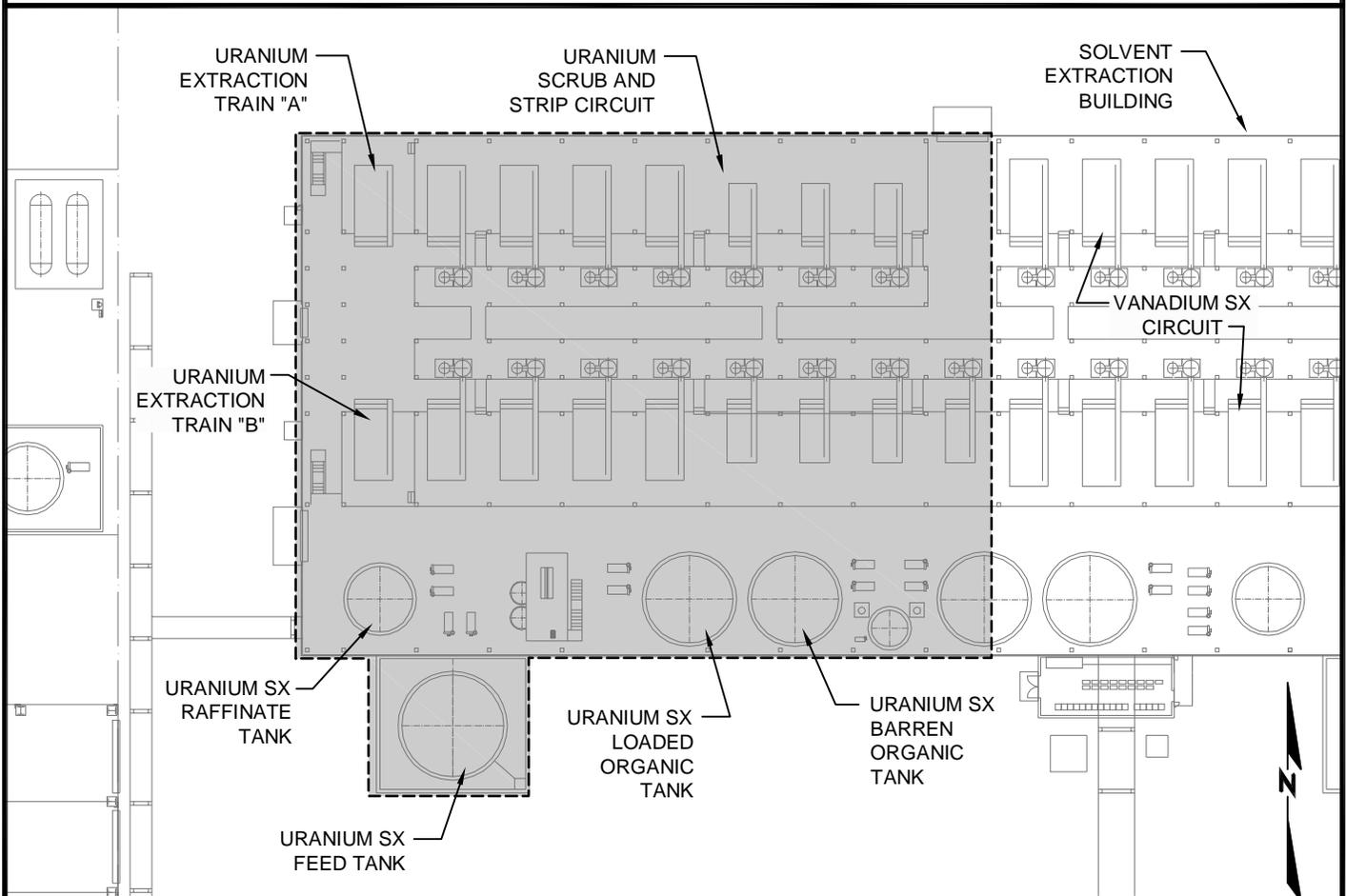


| | | | |
|-------------|-----------|-----------|-------------------|
| PROJECT No. | N/A | FILE NAME | FIG3-1-AREA300 |
| DESIGN | CH2M HILL | 2/4/09 | SCALE NONE REV. A |
| CADD | JGM | 7/17/09 | |
| CHECK | MAM | 7/17/09 | |
| REVIEW | FF | 7/17/09 | |

FIGURE 3-1

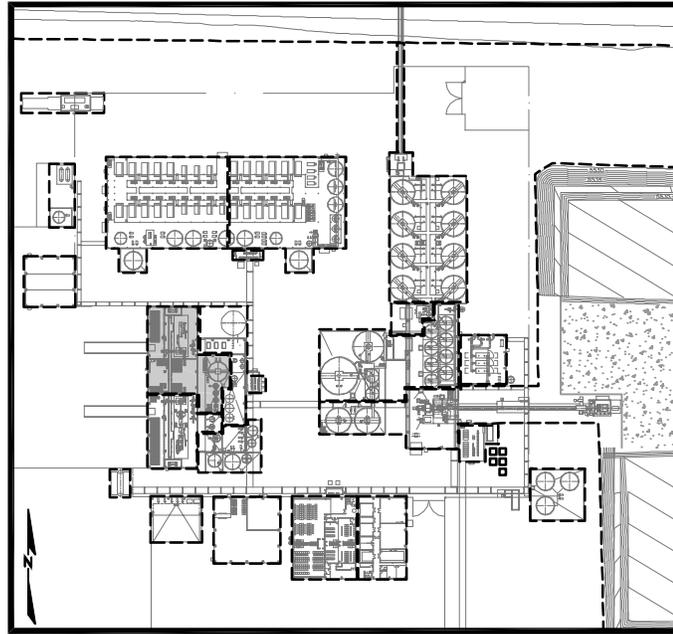


KEY MAP

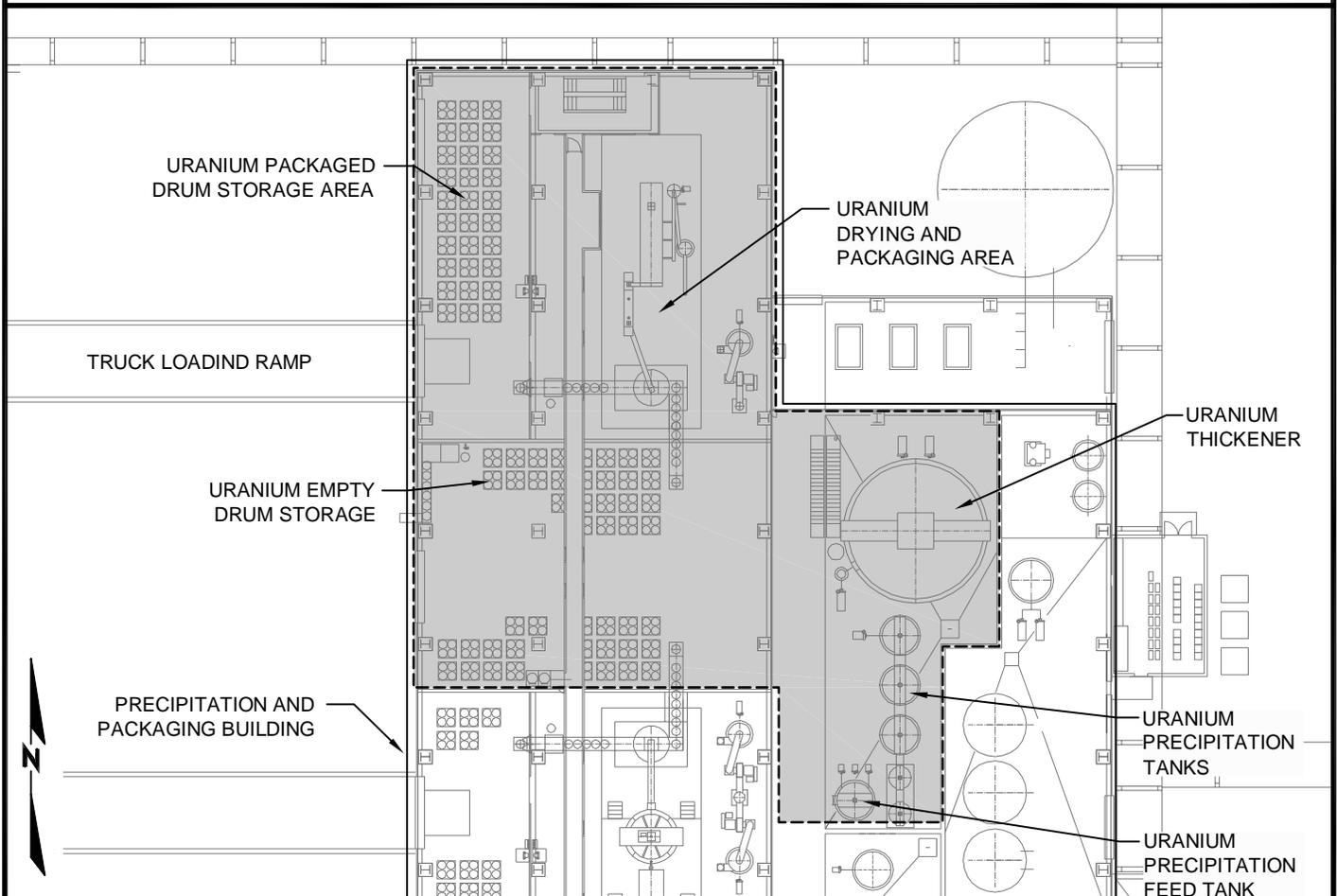


NOTE: This figure is based on the original design drawings contained in the Piñon Ridge Project Basic Engineering Report prepared by CH2M HILL Engineers, Inc. and dated February 4, 2009.

| | | | | | | | | | | | |
|------------------------------------|--|---|--|--------------------|-----------|------------|-------|------------------|------|-----------------------|-------------------|
| PROJECT | | TITLE | | PROJECT No. | | N/A | | FILE NAME | | FIG4-1-AREA400 | |
| ENERGY FUELS RESOURCES CORPORATION | | AREA 400 - URANIUM SOLVENT EXTRACTION (SX) | | DESIGN | CH2M HILL | 2/4/09 | SCALE | NONE | REV. | A | FIGURE 4-1 |
| PIÑON RIDGE MILL FACILITY | | visus | | CADD | JGM | 7/17/09 | | | | | |
| MONTROSE COUNTY, COLORADO | | CONSULTING GROUP, INC. | | CHECK | MAM | 7/17/09 | | | | | |
| | | | | REVIEW | FF | 7/17/09 | | | | | |



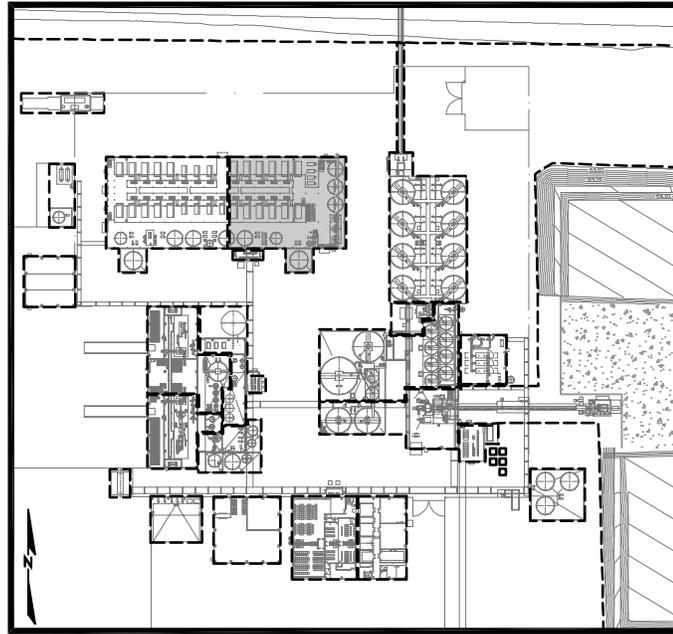
KEY MAP



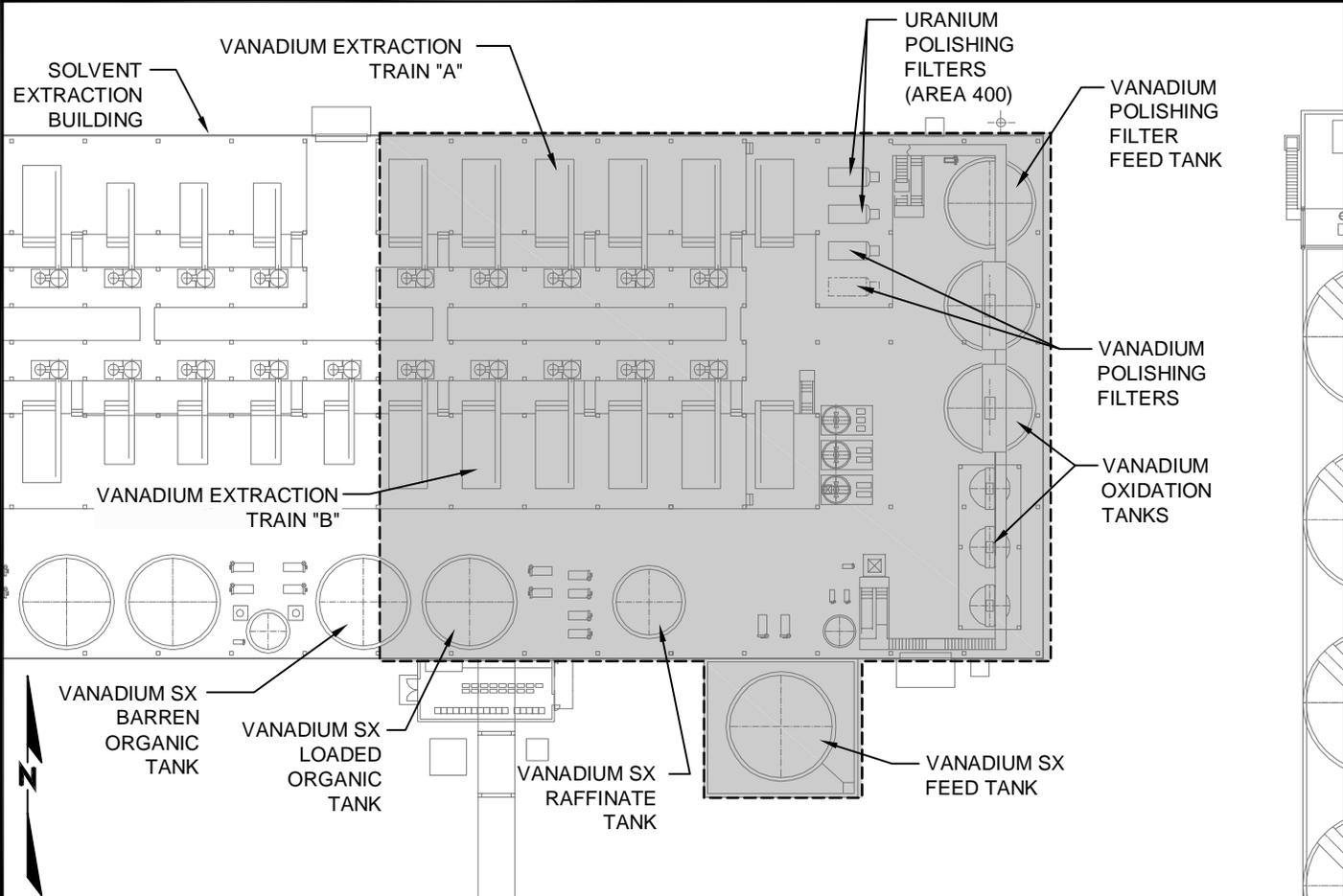
NOTE: This figure is based on the original design drawings contained in the Piñon Ridge Project Basic Engineering Report prepared by CH2M HILL Engineers, Inc. and dated February 4, 2009.

| | | | | | | | | | | | | |
|----------------|-----|---|----------------|--------------|---------|--------|-----------|---|-------------------|------|------|---|
| PROJECT | | ENERGY FUELS RESOURCES CORPORATION PIÑON RIDGE MILL FACILITY MONTROSE COUNTY, COLORADO | | TITLE | | | | AREA 500 - URANIUM PRECIPITATION | | | | |
| PROJECT No. | N/A | FILE NAME | FIG5-1-AREA500 | | | DESIGN | CH2M HILL | 2/4/09 | SCALE | NONE | REV. | A |
| CADD | JGM | 7/17/09 | CHECK | MAM | 7/17/09 | REVIEW | FF | 7/17/09 | FIGURE 5-1 | | | |





KEY MAP

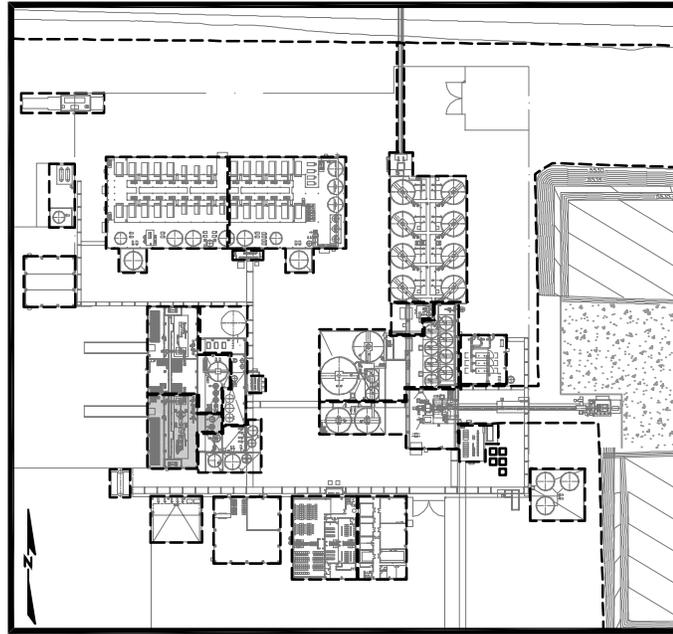


NOTE: This figure is based on the original design drawings contained in the Piñon Ridge Project Basic Engineering Report prepared by CH2M HILL Engineers, Inc. and dated February 4, 2009.

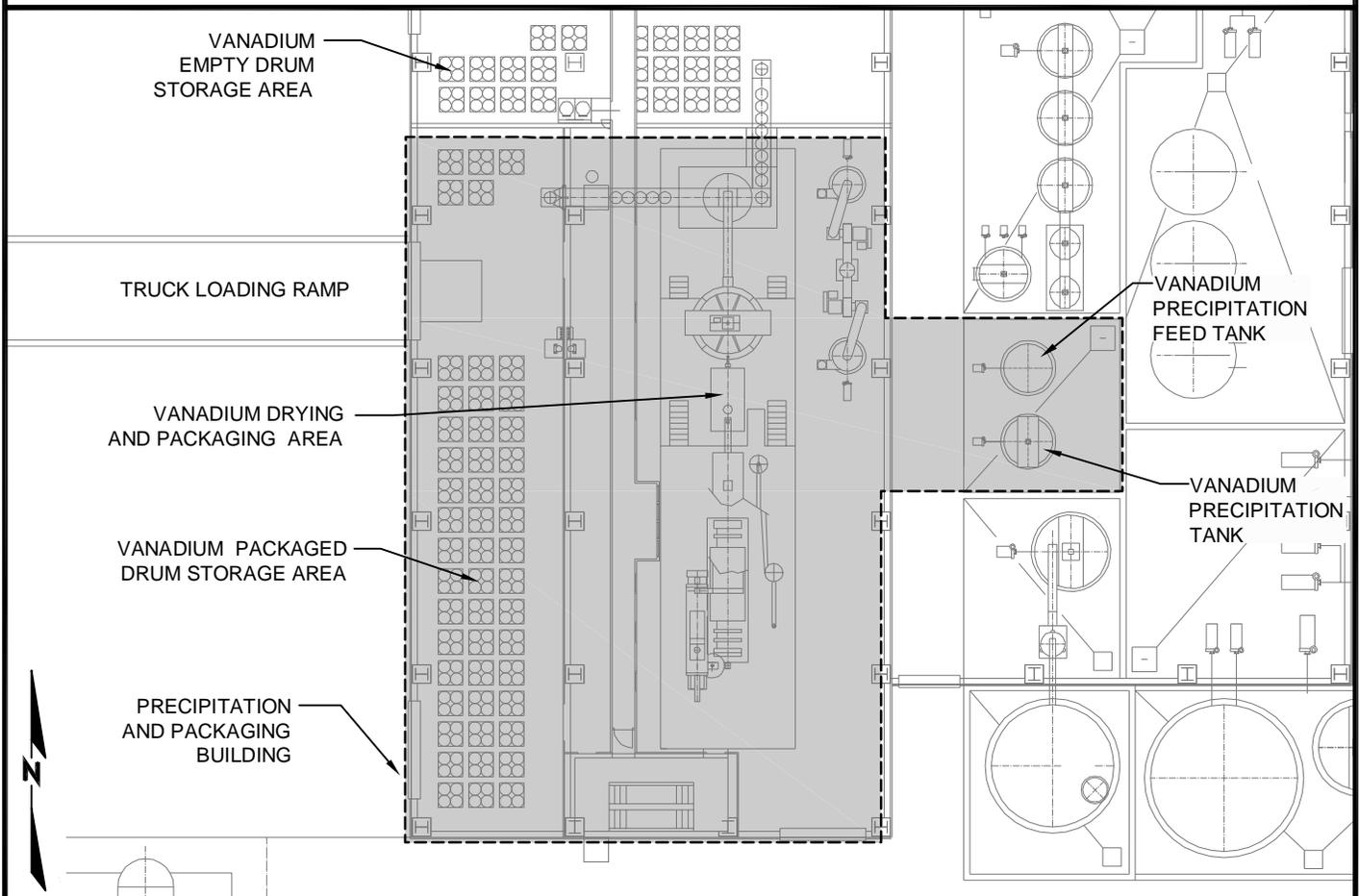
| | | | | | |
|--------------------|-----------|--|-------------------|------|---------------|
| TITLE | | AREA 600 - VANADIUM OXIDATION AND SOLVENT EXTRACTION (SX) | | | |
| PROJECT No. | N/A | FILE NAME | FIG6-1-AREA600 | | |
| DESIGN | CH2M HILL | 2/4/09 | SCALE | NONE | REV. A |
| CADD | JGM | 7/17/09 | FIGURE 6-1 | | |
| CHECK | MAM | 7/17/09 | | | |
| REVIEW | FF | 7/17/09 | | | |

PROJECT
 ENERGY FUELS RESOURCES CORPORATION
 PIÑON RIDGE MILL FACILITY
 MONTROSE COUNTY, COLORADO





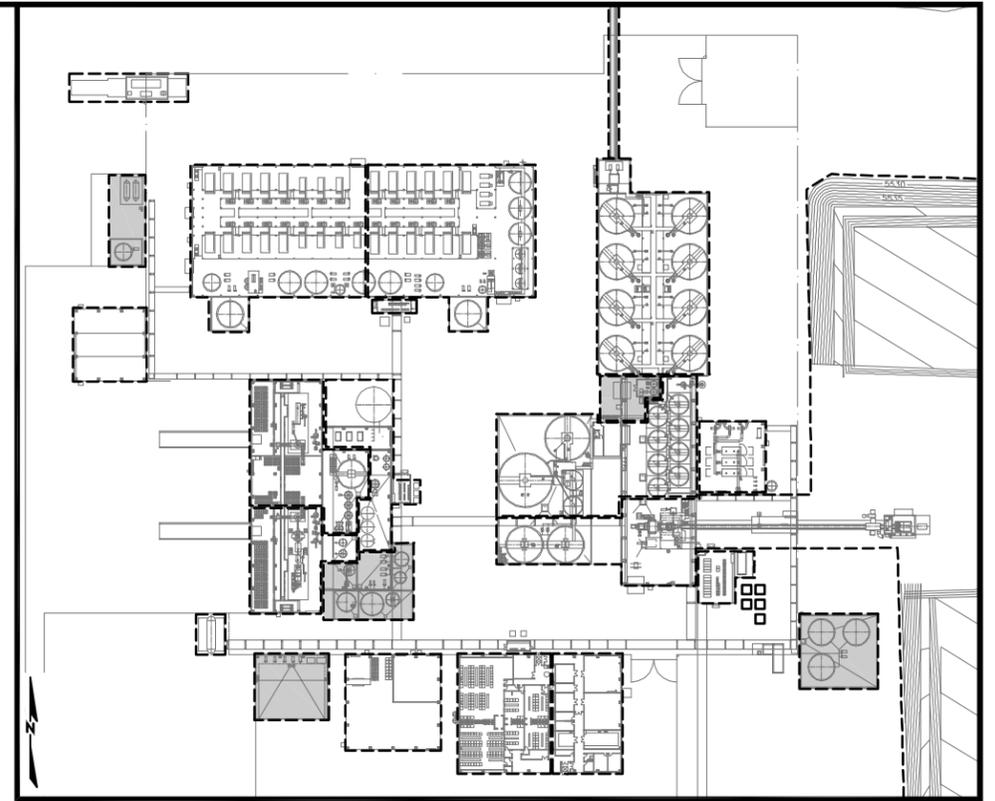
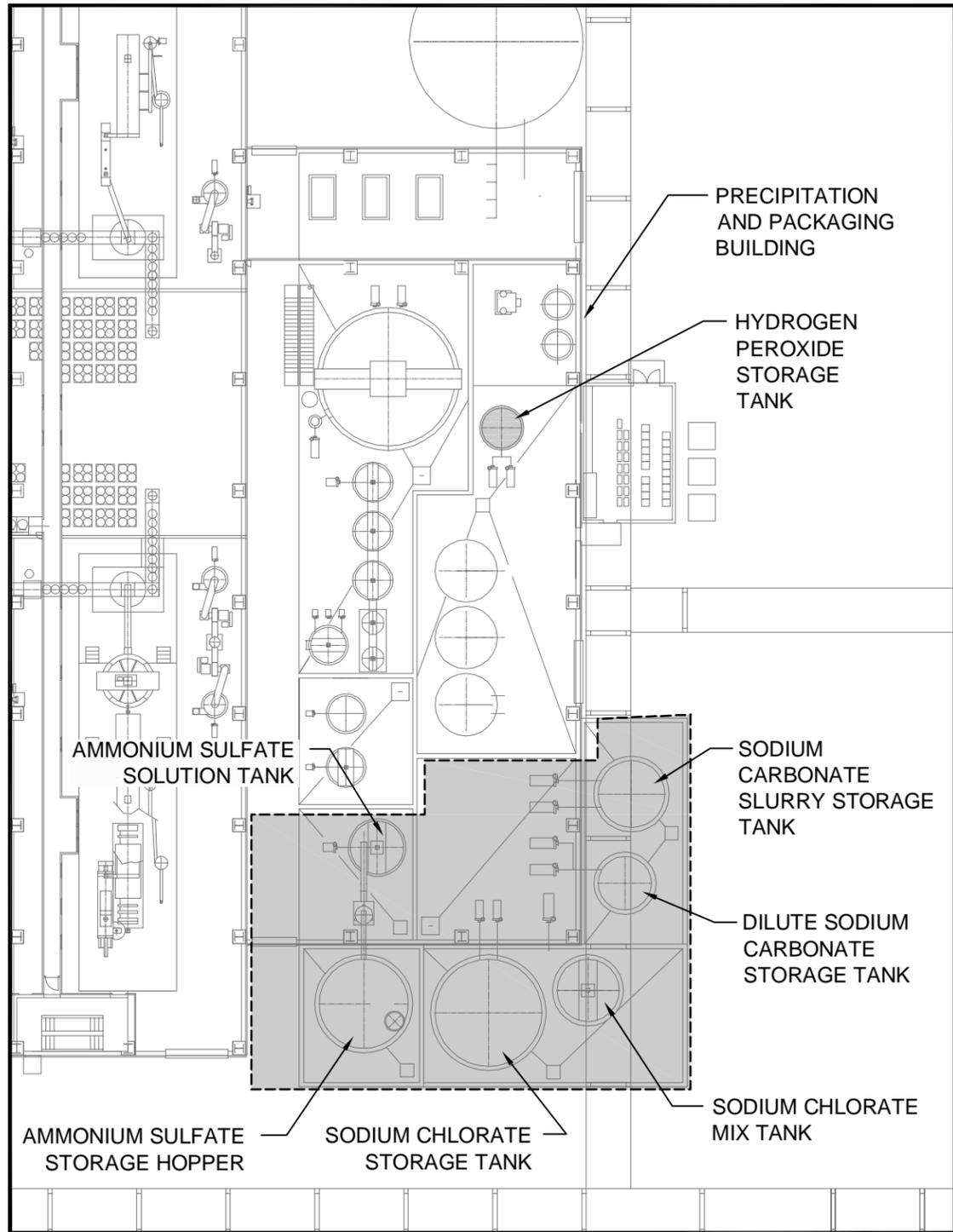
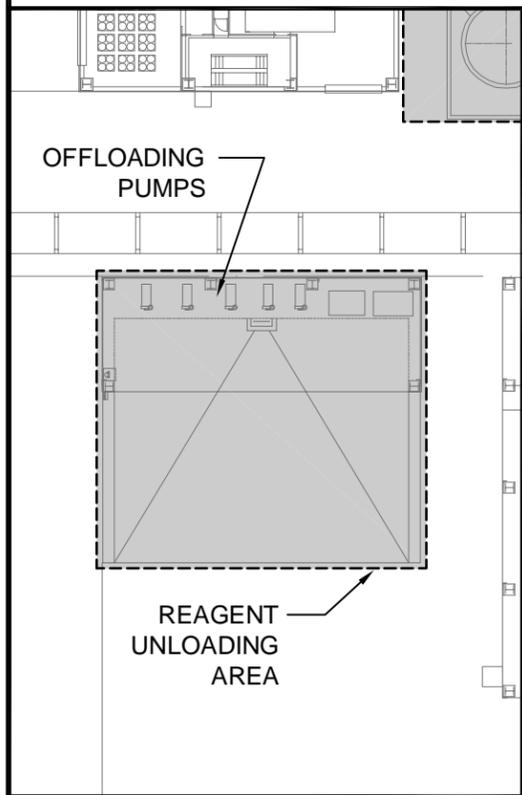
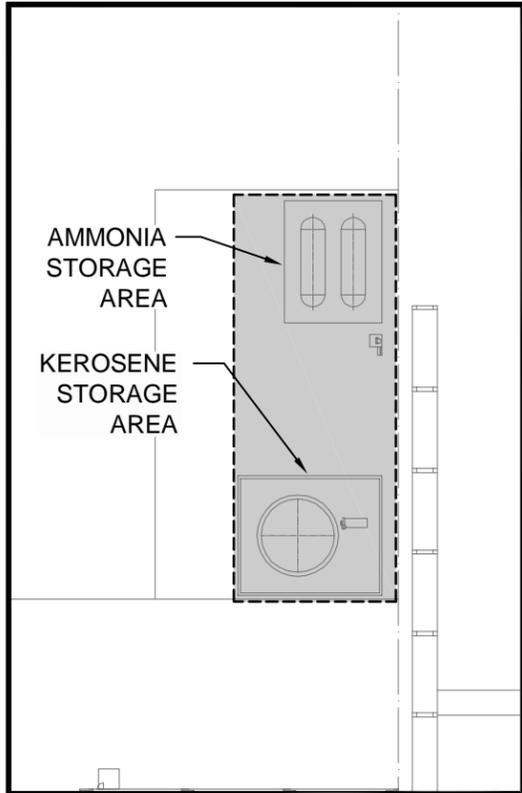
KEY MAP



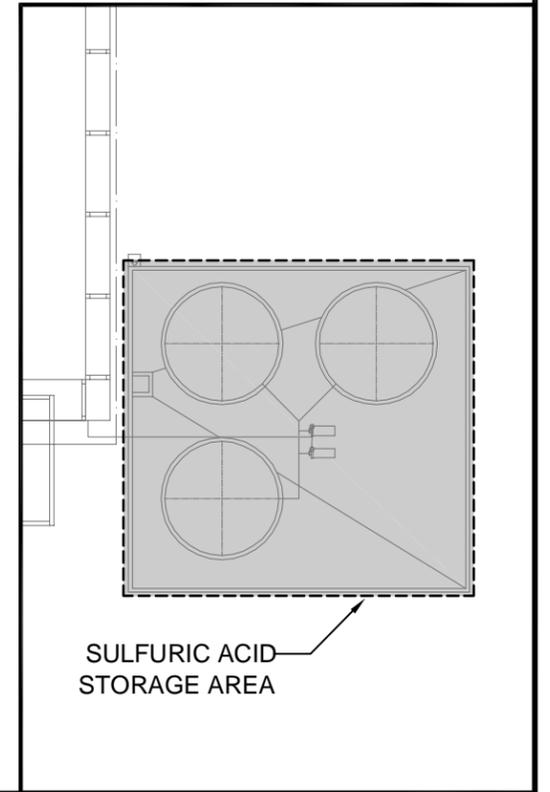
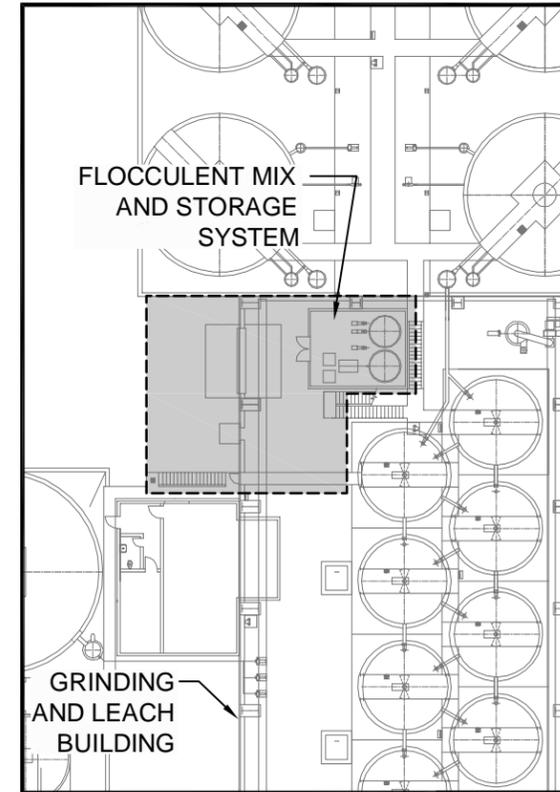
NOTE: This figure is based on the original design drawings contained in the Piñon Ridge Project Basic Engineering Report prepared by CH2M HILL Engineers, Inc. and dated February 4, 2009.

| | | | | | | | |
|-------------|-----------|--|----------------|-------|--------|-----------------------------------|--|
| PROJECT | | ENERGY FUELS RESOURCES CORPORATION PIÑON RIDGE MILL FACILITY MONTROSE COUNTY, COLORADO | | TITLE | | AREA 700 - VANADIUM PRECIPITATION | |
| PROJECT No. | N/A | FILE NAME | FIG7-1-AREA700 | | | | |
| DESIGN | CH2M HILL | 2/4/09 | SCALE | NONE | REV. A | | |
| CADD | JGM | 7/17/09 | FIGURE 7-1 | | | | |
| CHECK | MAM | 7/17/09 | | | | | |
| REVIEW | FF | 7/17/09 | | | | | |





KEY MAP



SULFURIC ACID STORAGE AREA

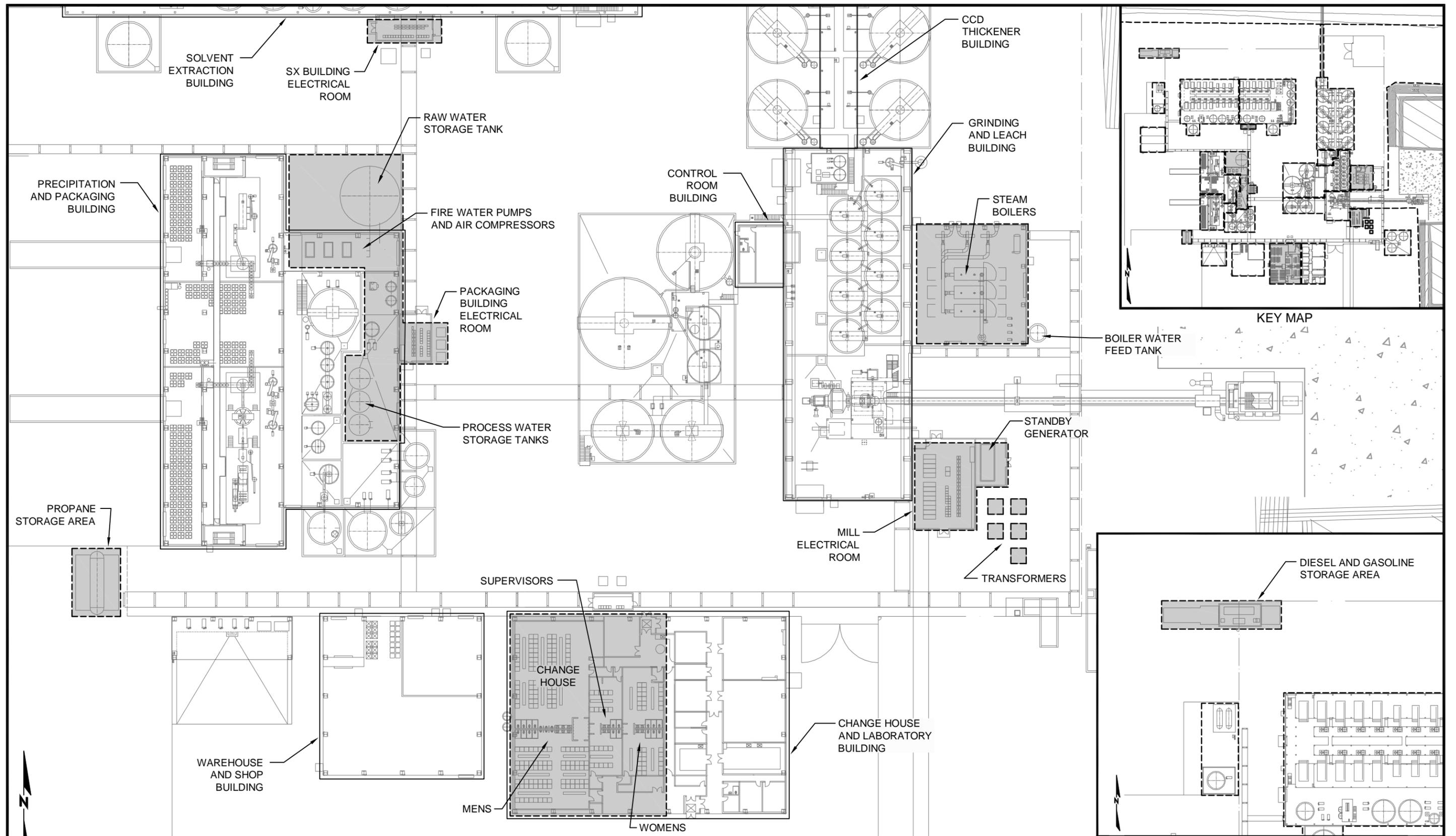
TITLE
AREA 800 - REAGENTS

NOTE: This figure is based on the original design drawings contained in the Piñon Ridge Project Basic Engineering Report prepared by CH2M HILL Engineers, Inc. and dated February 4, 2009.

PROJECT
ENERGY FUELS RESOURCES CORPORATION
PIÑON RIDGE MILL FACILITY
MONTROSE COUNTY, COLORADO



| | | | |
|-------------|------------------|-------------------|----------------|
| PROJECT No. | N/A | FILE NAME | FIG8-1-AREAB00 |
| DESIGN | CH2M HILL 2/4/09 | SCALE | NONE REV. A |
| CADD | JGM 7/17/09 | FIGURE 8-1 | |
| CHECK | MAM 7/17/09 | | |
| REVIEW | FF 7/17/09 | | |



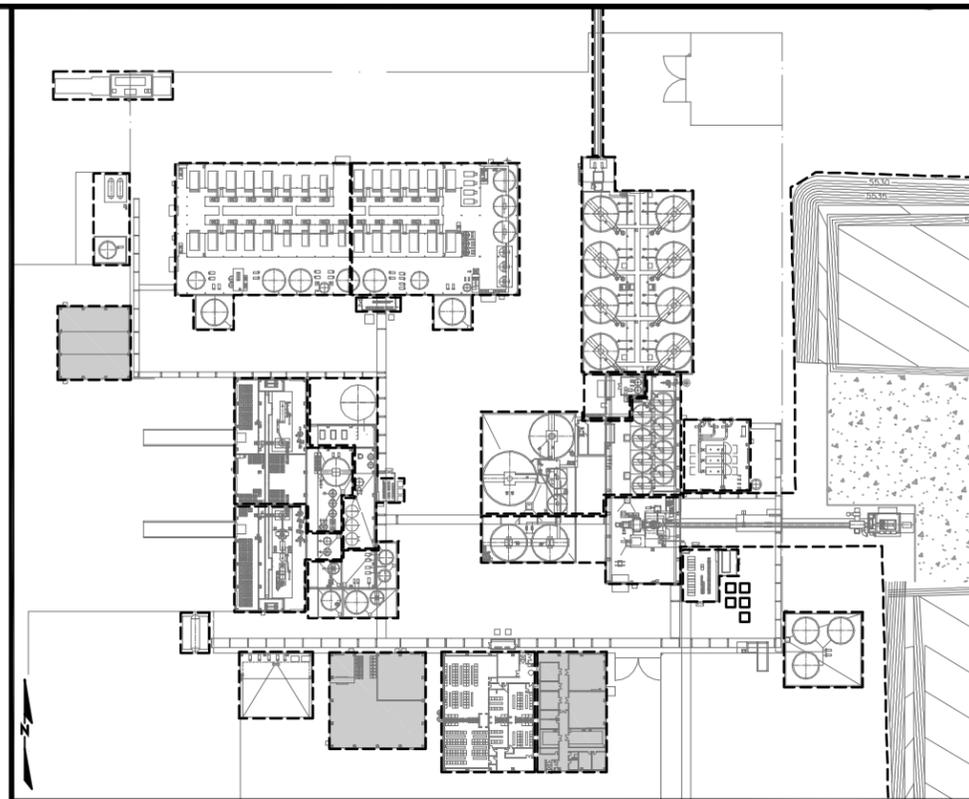
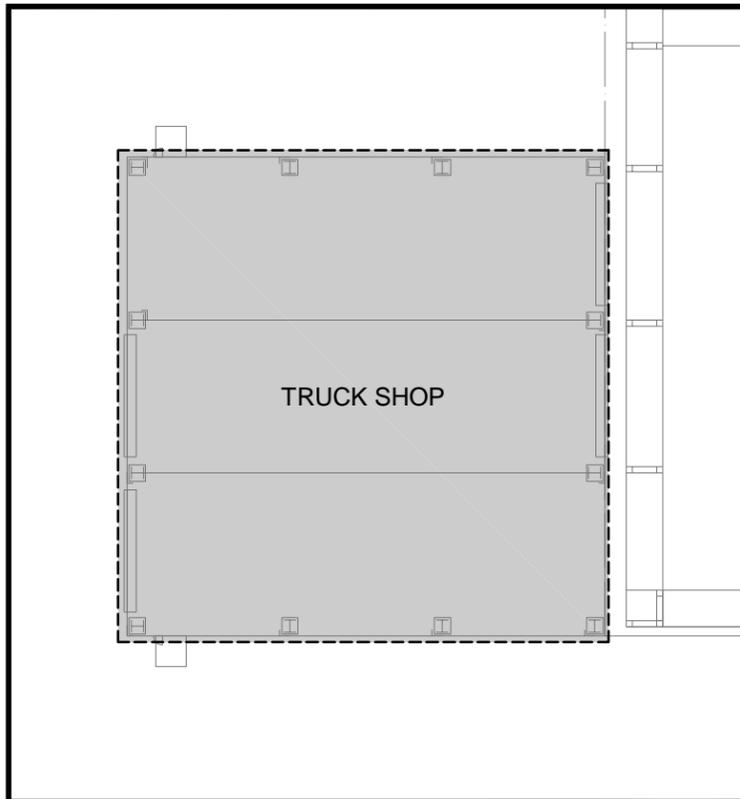
TITLE **AREA 900 - UTILITIES AND BUILDINGS**

NOTE: This figure is based on the original design drawings contained in the Piñon Ridge Project Basic Engineering Report prepared by CH2M HILL Engineers, Inc. and dated February 4, 2009.

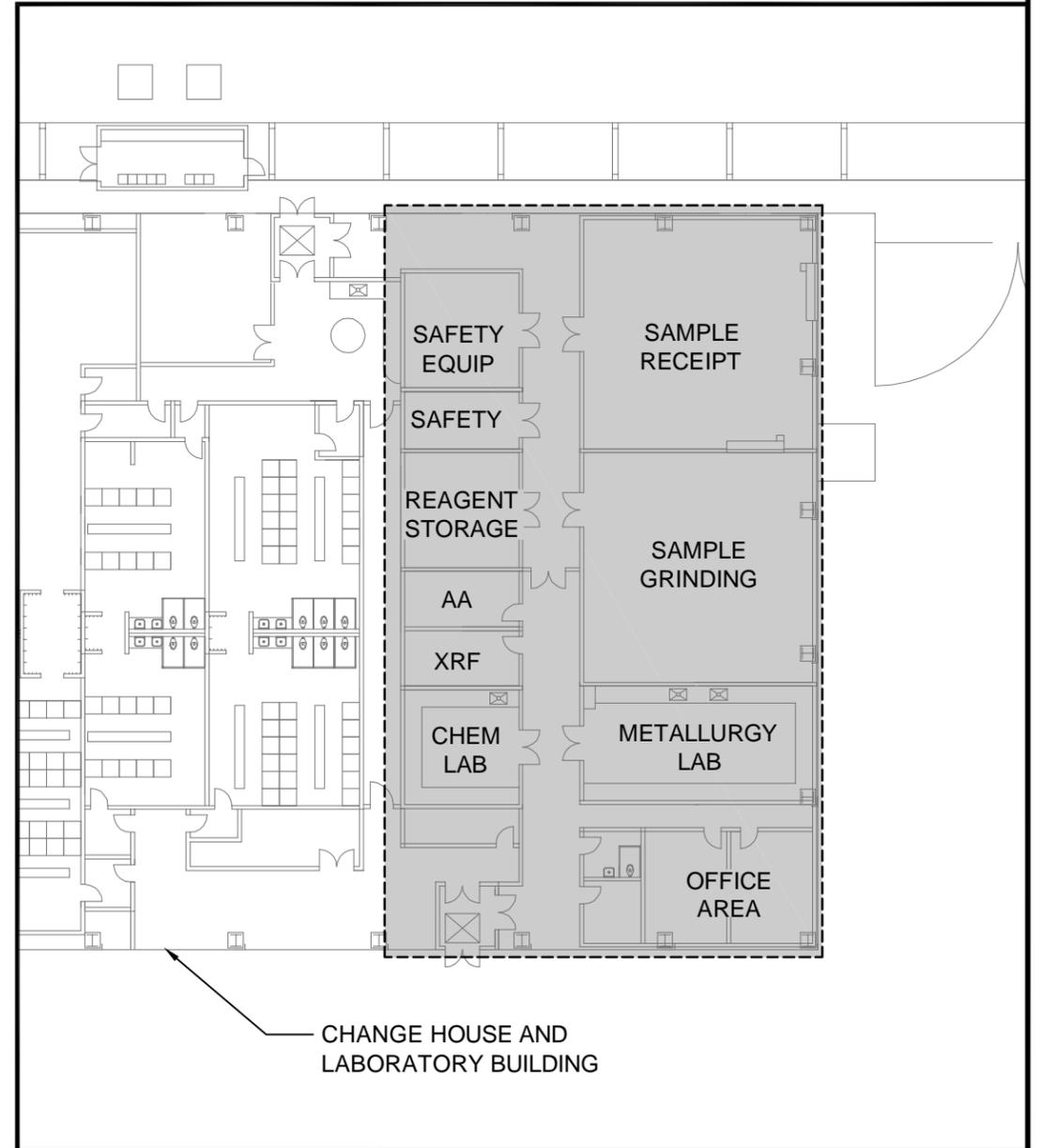
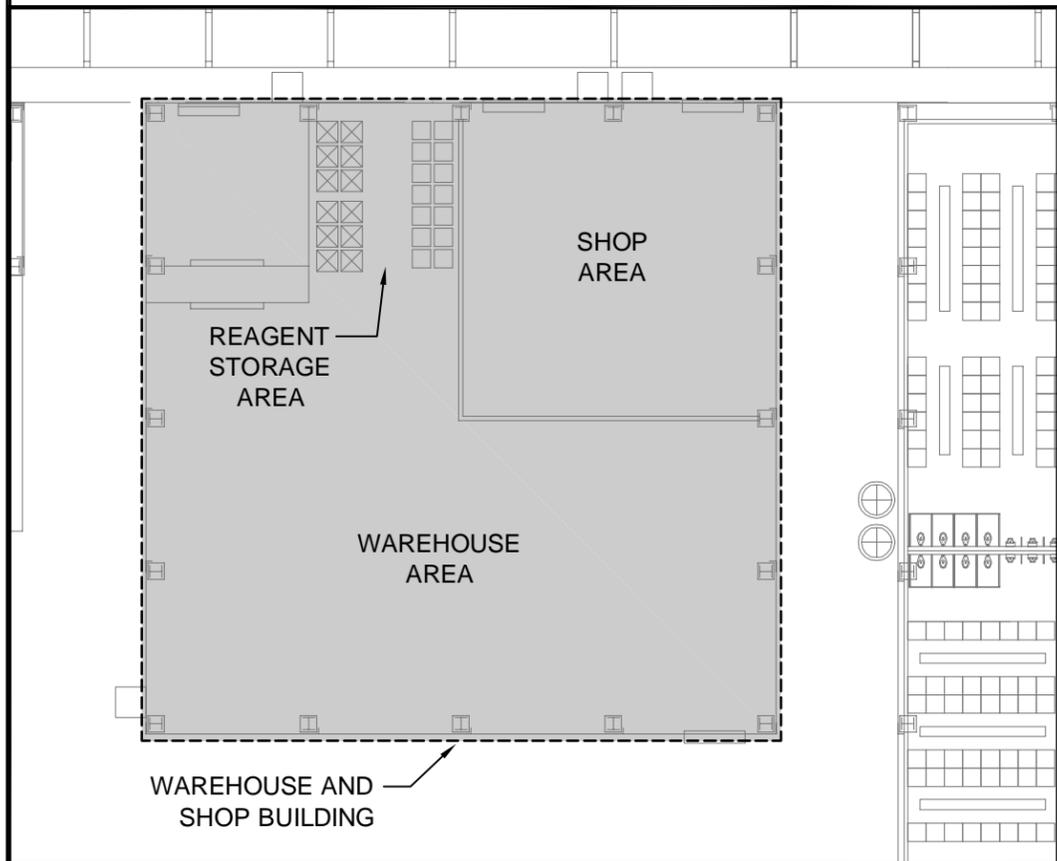
PROJECT
**ENERGY FUELS RESOURCES CORPORATION
 PIÑON RIDGE MILL FACILITY
 MONTROSE COUNTY, COLORADO**



| | | | |
|-------------|-----------|-----------|-------------------|
| PROJECT No. | N/A | FILE NAME | FIG9-1-AREA900 |
| DESIGN | CH2M HILL | 2/4/09 | SCALE NONE REV. A |
| CADD | JGM | 7/17/09 | FIGURE 9-1 |
| CHECK | MAM | 7/17/09 | |
| REVIEW | FF | 7/17/09 | |



KEY MAP



CHANGE HOUSE AND LABORATORY BUILDING

TITLE
AREA 1000 - GENERAL PLANT

NOTE: This figure is based on the original design drawings contained in the Piñon Ridge Project Basic Engineering Report prepared by CH2M HILL Engineers, Inc. and dated February 4, 2009.

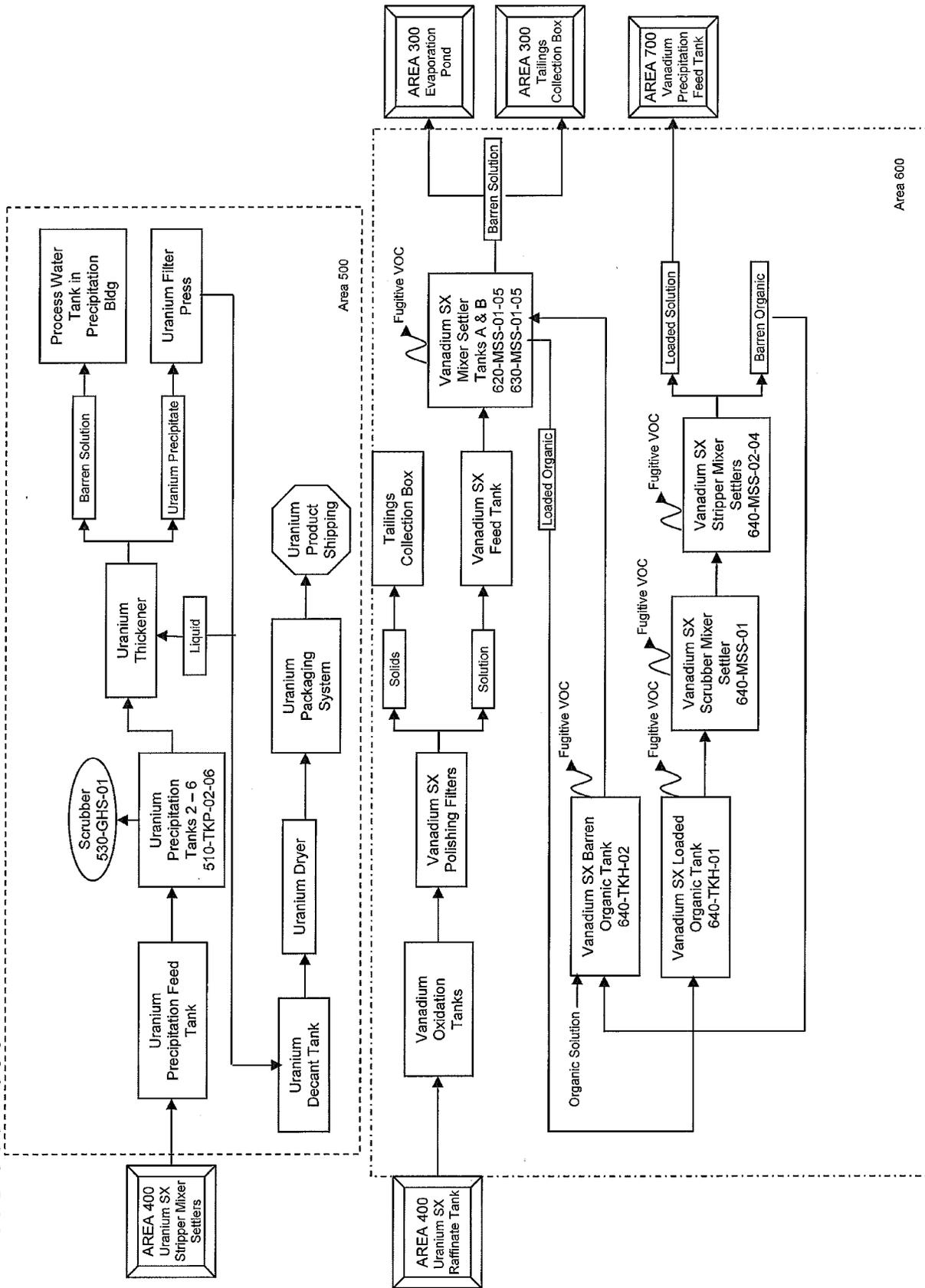
PROJECT
ENERGY FUELS RESOURCES CORPORATION
PIÑON RIDGE MILL FACILITY
MONTROSE COUNTY, COLORADO



| | | | |
|-------------|------------------|-----------|------------------|
| PROJECT No. | N/A | FILE NAME | FIG10-1-AREA1000 |
| DESIGN | CH2M HILL 2/4/09 | SCALE | NONE REV. A |
| CADD | JGM 7/17/09 | | |
| CHECK | MAM 7/17/09 | | |
| REVIEW | FF 7/17/09 | | |

FIGURE 10-1

Areas 500 - 600



PROJECT NO. 83088
 DATE: July 21, 2009
 DRAWN BY: JJS
 CHECKED BY: MS
 FILE NAME:
 Process Flow Diagram.dwg

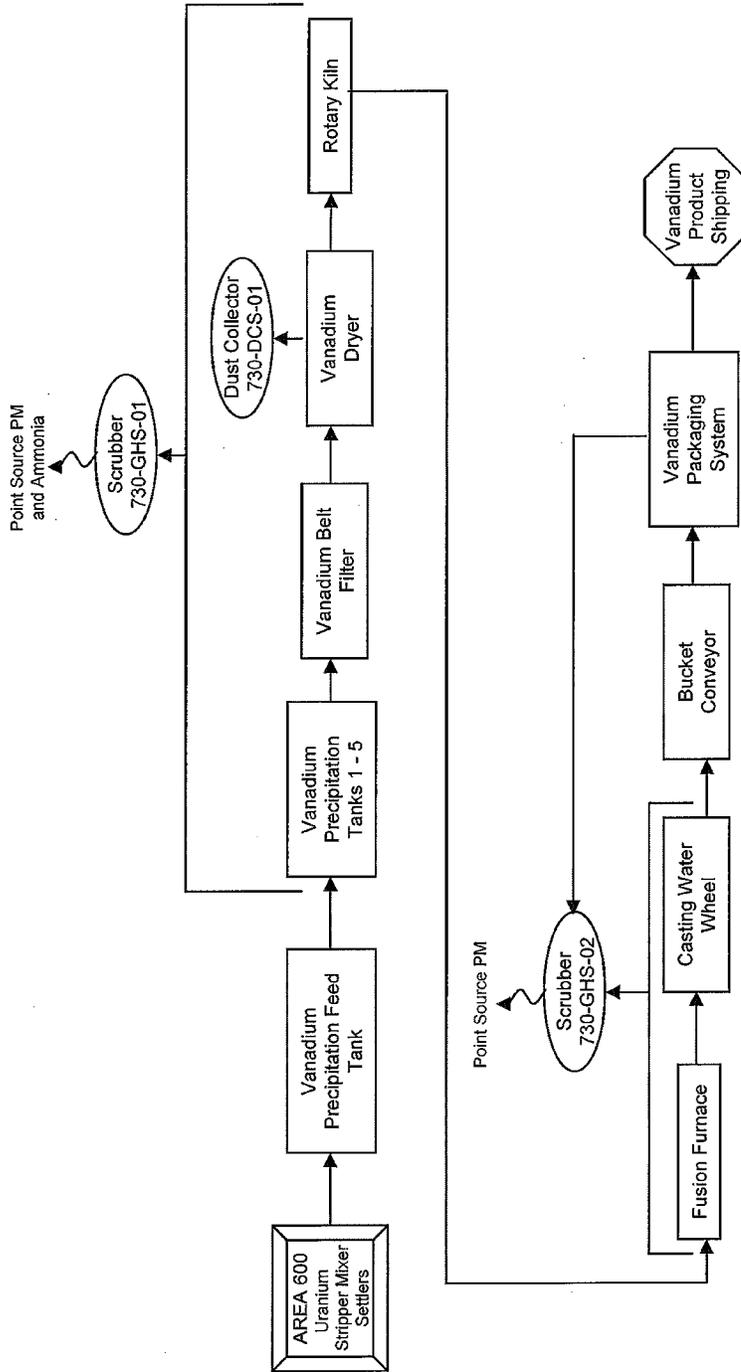
PROCESS FLOW DIAGRAM

Energy Fuels Resources Corporation
 Pinon Ridge Mills Facility
 Bedrock, Colorado

FIGURE

PFD-3

Area 700



PROJECT NO. 83088
 DATE: July 21, 2009
 DRAWN BY: JJS
 CHECKED BY: MS
 FILE NAME:
 Process Flow Diagram.dwg

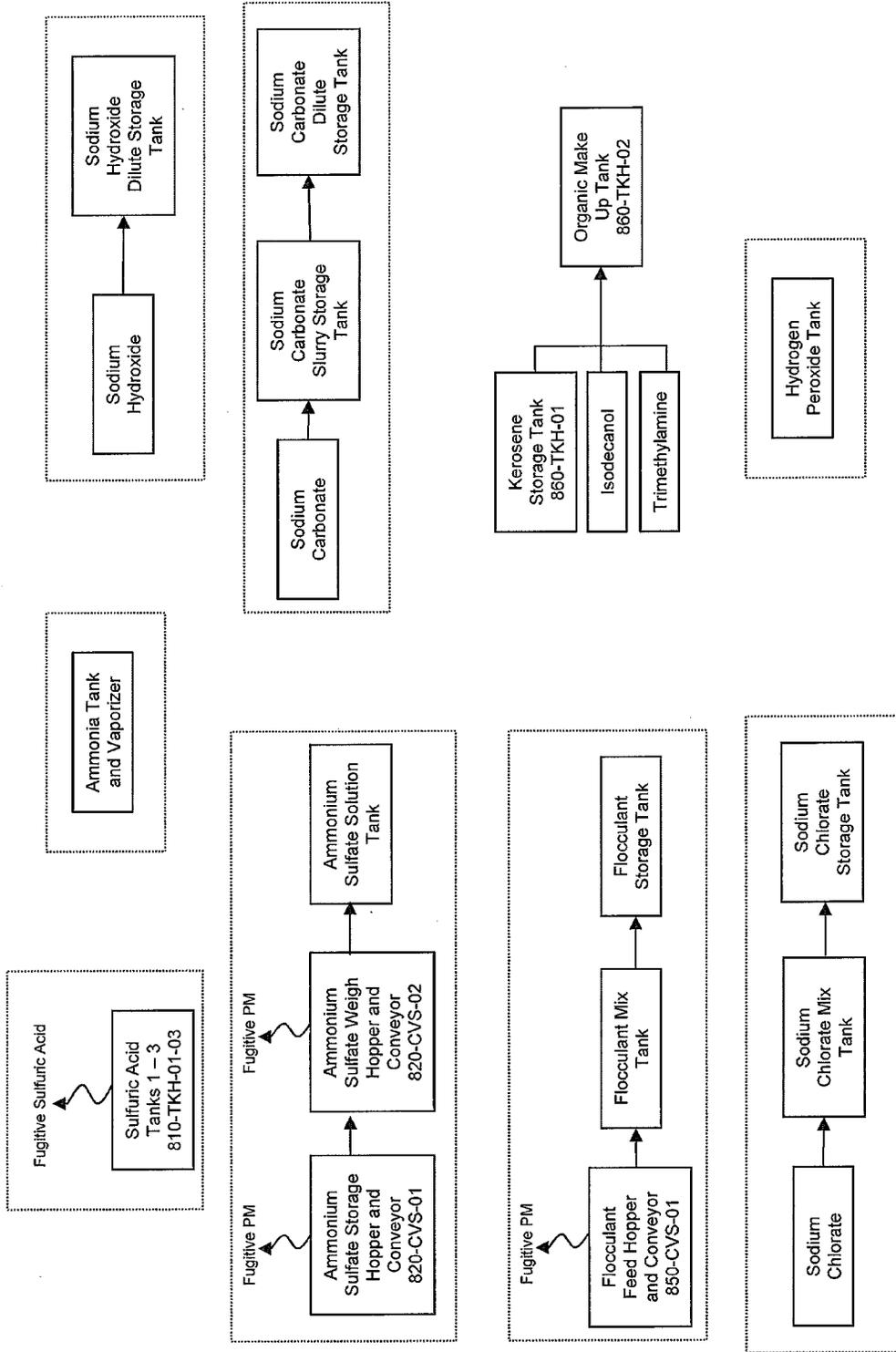
PROCESS FLOW DIAGRAM

Energy Fuels Resources Corporation
 Pinon Ridge Mills Facility
 Bedrock, Colorado

FIGURE

PFD-4

Area 800



| | |
|-------------|--------------------------|
| PROJECT NO. | 83088 |
| DATE: | July 21, 2009 |
| DRAWN BY: | JJS |
| CHECKED BY: | MS |
| FILE NAME: | Process Flow Diagram.dwg |

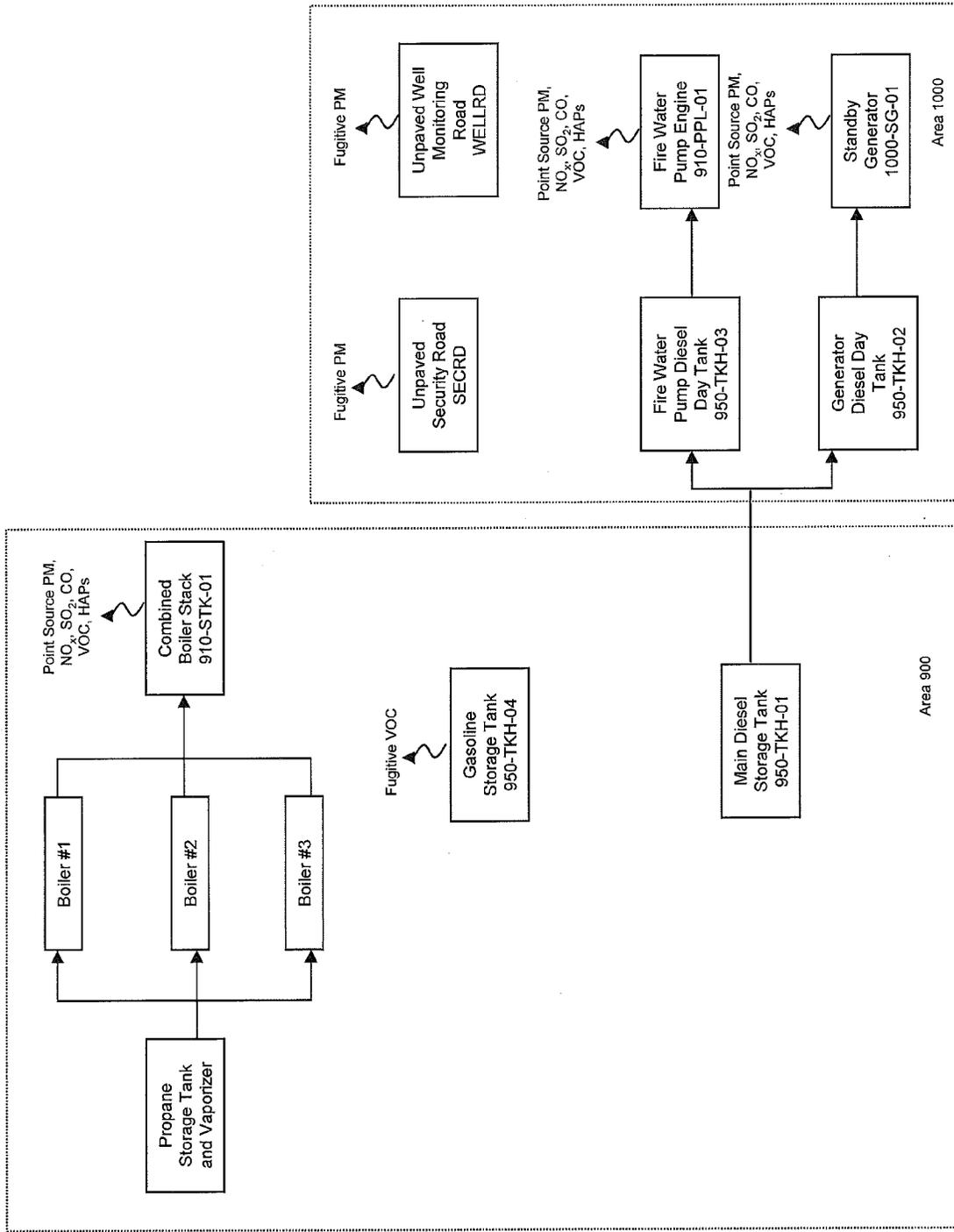
PROCESS FLOW DIAGRAM

Energy Fuels Resources Corporation
Pinon Ridge Mills Facility
Bedrock, Colorado

FIGURE

PFD-5

Area 900 and 1000



| | |
|-------------|--------------------------|
| PROJECT NO. | 83088 |
| DATE: | July 21, 2009 |
| DRAWN BY: | JJS |
| CHECKED BY: | MS |
| FILE NAME: | Process Flow Diagram.dwg |

PROCESS FLOW DIAGRAM

Energy Fuels Resources Corporation
 Pinon Ridge Mills Facility
 Bedrock, Colorado

FIGURE
PFD-6