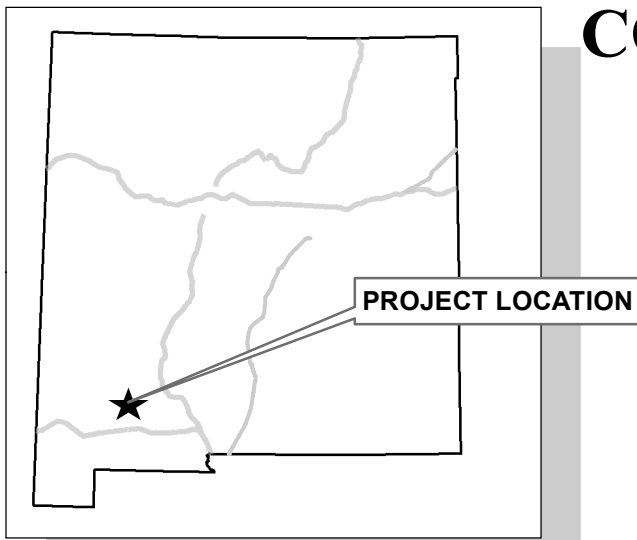


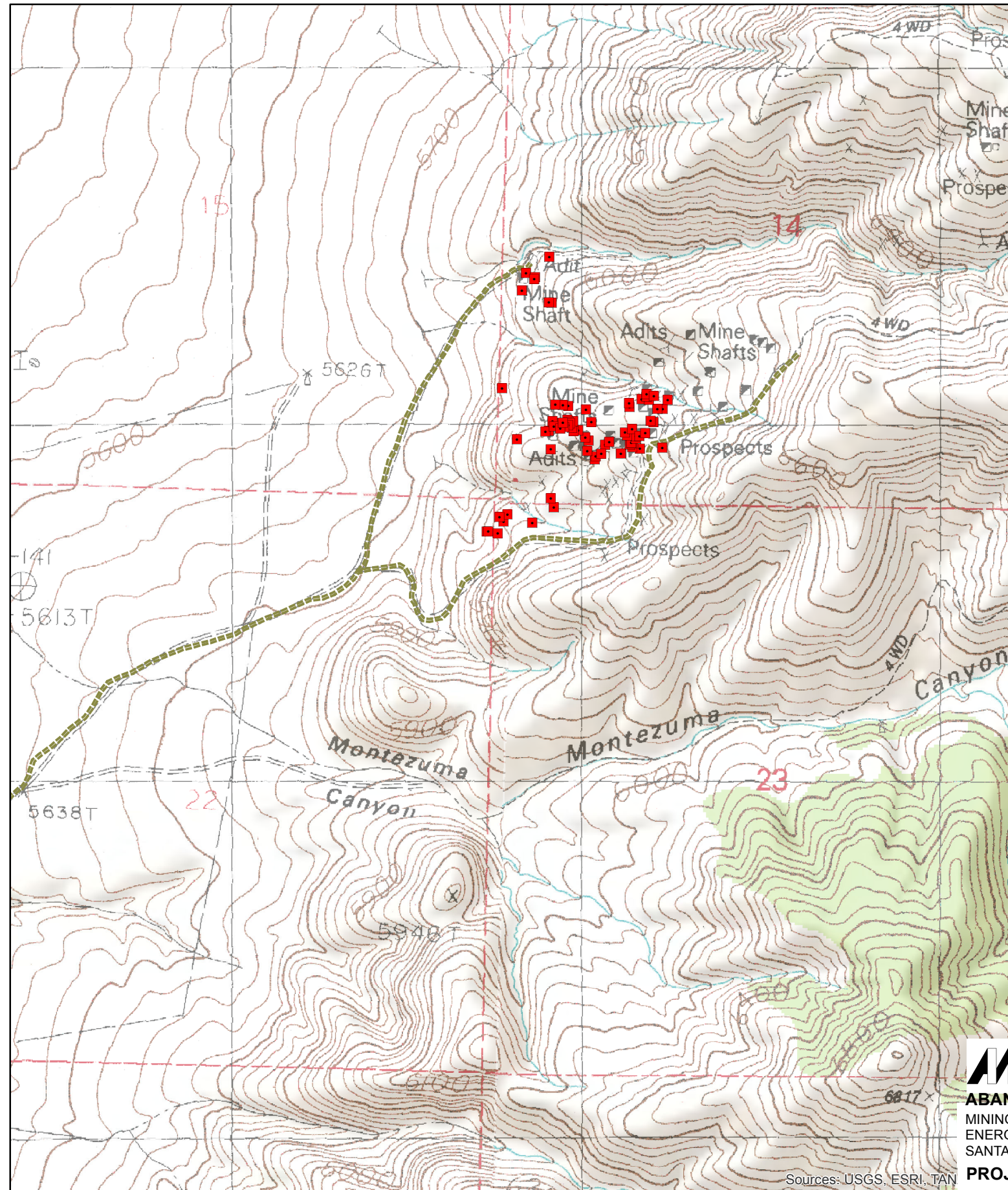
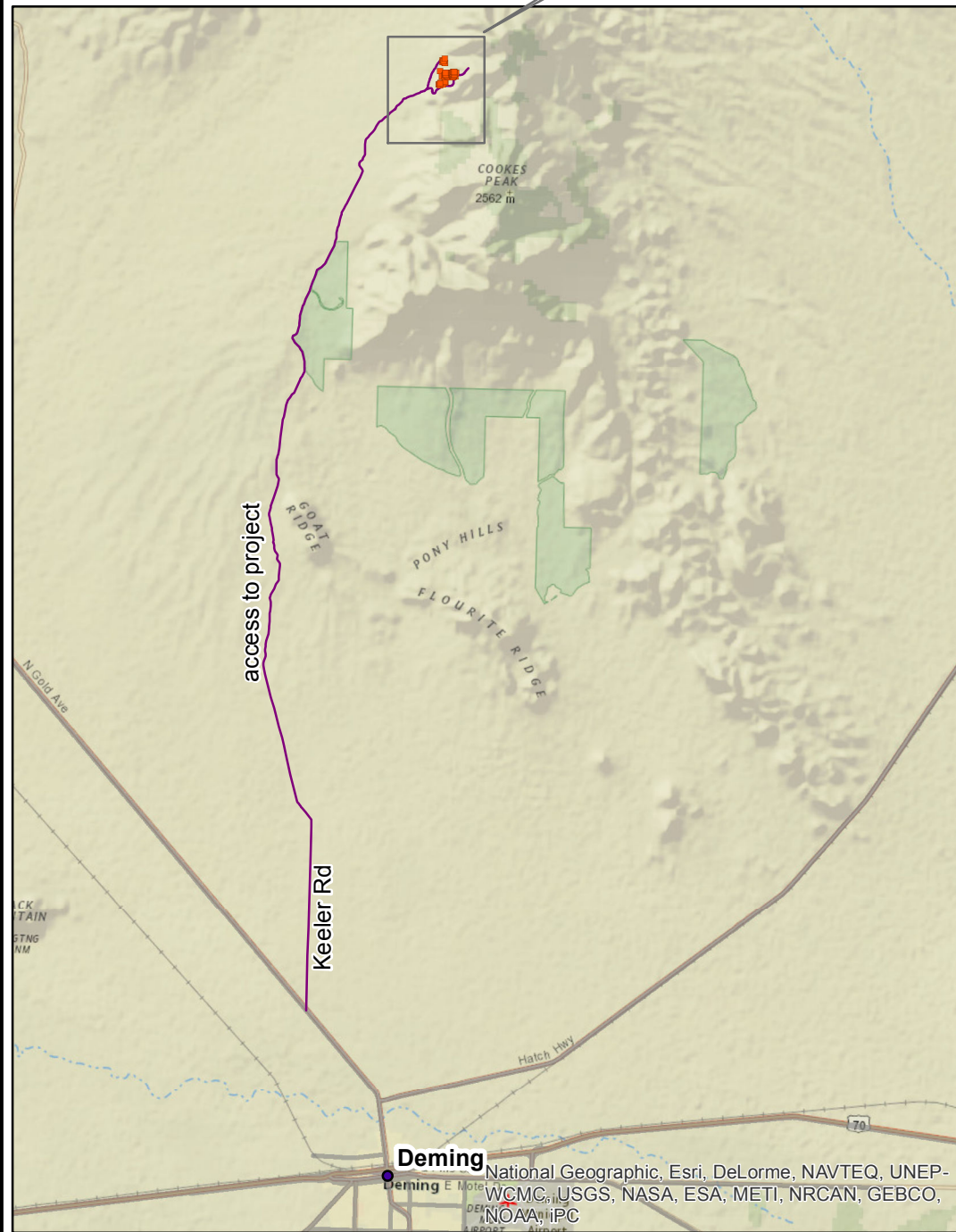
COOKES PEAK WEST MINE SAFEGUARD PROJECT - PHASE II

DEMING, NEW MEXICO
PROJECT LOCATION



PROJECT LOCATION

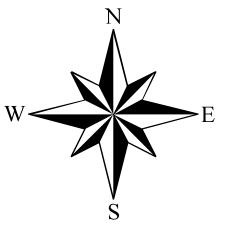
PROJECT LOCATION



INDEX OF FIGURES:

1. TITLE SHEET
2. SITE LOCATION MAP
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4. F77 - BAT GATE IN ROCK BULKHEAD
5. HORIZONTAL BAT GATE (SHEET 1)
6. HORIZONTAL BAT GATE (SHEET 2)
7. HORIZONTAL BAT GATE (SHEET 3)
8. REMOVABLE CROSSBAR LOCK DETAIL
9. SHAFT BACKFILL DESIGN

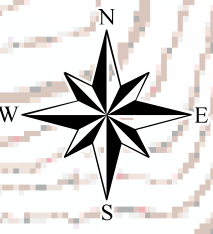
■ Mine Features
 Access Road



NEW MEXICO
ABANDONED MINE LAND PROGRAM
 MINING & MINERALS DIVISION
 ENERGY, MINERALS AND NATURAL RESOURCES DEPT.
 SANTA FE, NEW MEXICO
PROJECT NO. EMNRD-MMD-2016-02

Sources: USGS, ESRI, TAN

MINE FEATURE LOCATIONS



5626 T

Adit
Mine
Shaft

Adits Mine
Shafts

Mine
Shafts

Adits

Prospects

Prospects

- F280
- F281
- F276
- F275
- F109
- F137
- F162.01
- F150
- F147
- F105
- F162
- F154
- F146
- F145
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- F97
- F98
- F79
- F75
- F68
- F100
- F95
- F77
- F73
- F71
- F55
- F56
- F37
- F36
- F9
- F11
- F10
- F26
- F15.01
- F15
- F14

- Mine Features
- Access Road

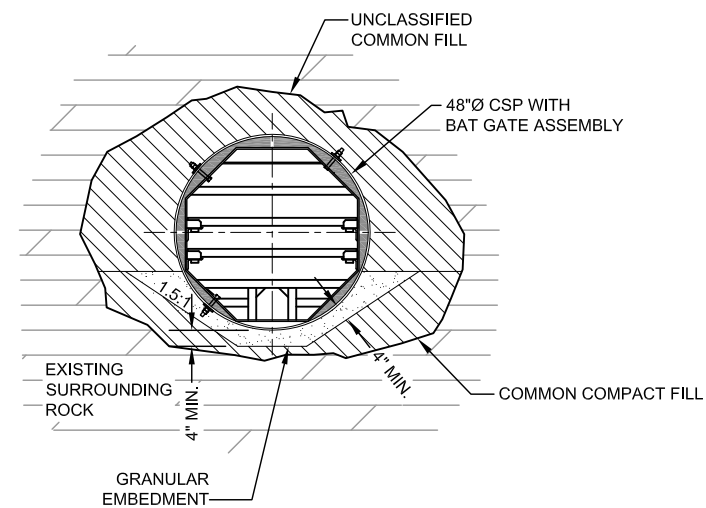
NEW MEXICO
ABANDONED MINE LAND PROGRAM
MINING & MINERALS DIVISION
ENERGY, MINERALS AND NATURAL RESOURCES DEPT.
SANTA FE, NEW MEXICO
PROJECT NO. EMNRD-MMD-2016-02
FIGURE 2

Sources: USGS, ESRI, TANA, AND

GENERAL NOTES:

1. THE SHAPE AND DIMENSIONS SHOWN AT THE EXISTING ADIT OPENING ARE APPROXIMATE. FIELD VERIFY ALL DIMENSIONS BEFORE FABRICATION.
2. GRANULAR EMBEDMENT SHALL BE CRUSHED ROCK OR PEA GRAVEL WITH NOT LESS THAN 95% PASSING 3/4" AND NOT LESS THAN 90% RETAINED ON A #4. PLACE IN NOT MORE THAN 6" LAYERS AND COMPACT BY SLICING WITH A SHOVEL OR VIBRATING.
3. STEEL PLATES AND SHAPES FOR THE BAT GATE ASSEMBLY SHALL BE WEATHERING STEEL AS SPECIFIED. WELD ALL JOINTS. PLATES FOR BOLTS, BOLTS AND NUTS SHALL BE WEATHERING OR STAINLESS STEEL. DOUBLE-NUT ALL BOLTS. ROUND OR CHAMFER ALL EXPOSED EDGES AND CORNERS.
4. COMMON FILL IS UNCLASSIFIED; MINE WASTE MATERIAL IS ACCEPTABLE. MATERIAL WITHIN ONE FOOT OF THE CORRUGATED STEEL PIPE SHALL BE SMALLER THAN THREE INCHES. THOROUGHLY COMPACT ALL FILL MATERIAL BELOW AND WITHIN TWO FEET OF THE SIDES OF THE CSP TO MINIMIZE SETTLEMENT.
5. ROCK PLATING SHALL BE SOUND, DURABLE NATIVE ROCK AS LARGE AS PRACTICABLE AND NO SMALLER THAN 6" IN LEAST DIMENSION. PLACE ROCK PLATING AS SHOWN AND ACROSS FULL WIDTH OF ADIT OPENING. DO NOT BLOCK THE CSP OPENING.
6. GROUT SHALL BE CONSTRUCTION GRADE.
7. APPLY STAIN TO VISIBLE PORTIONS OF CSP (INSIDE AND OUTSIDE) WITH NATINA GALVANIZED METAL COLORANT (PROVIDED BY PROJECT MANAGER) FOR CAMOUFLAGE.
8. INSTALL SURVEY MARKER INTO GROUT OR ADJACENT COMPETENT ROCK AS DIRECTED BY THE PROJECT MANAGER.

CAUTION - THIS PROJECT REQUIRES CONSTRUCTION WORK IN, AROUND, AND OVER HAZARDOUS AND UNPROTECTED MINE SHAFTS, STOPS, ADITS, AND OTHER OPENINGS WHICH MAY BE OPEN TO THE SURFACE OR HIDDEN FROM VIEW BY TRASH, DEBRIS, OR THIN AND UNSTABLE LAYERS OF SURFACE MATERIALS OR ROCK. THE CONSTRUCTOR SHALL BE RESPONSIBLE FOR THOROUGHLY INVESTIGATING THE SITE CONDITIONS AND SCHEDULING EQUIPMENT, EQUIPMENT OPERATIONS, PERSONNEL AND SAFETY PROCEDURES TO PREVENT ACCIDENTS AND INJURIES.

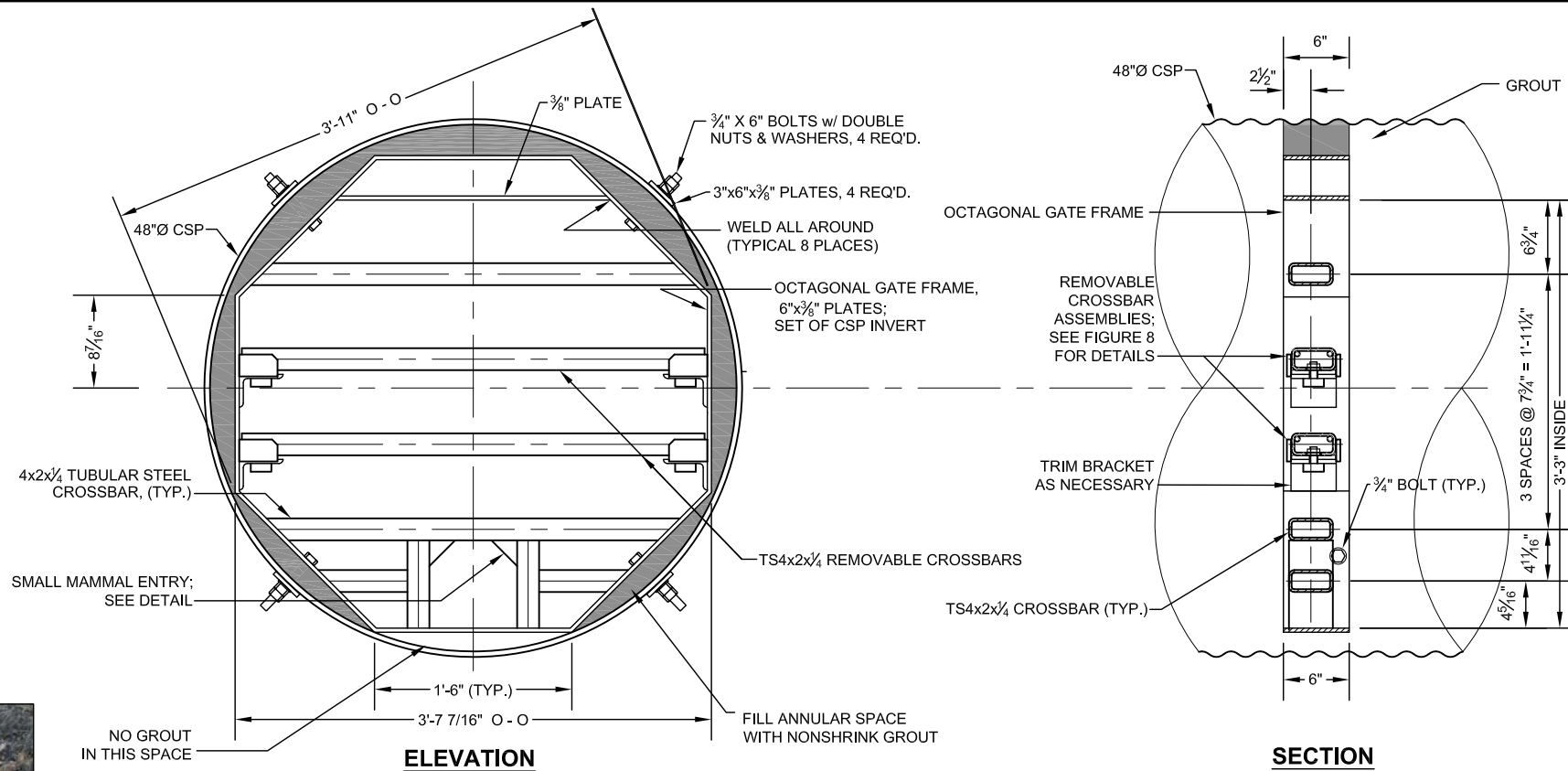


SECTION - CULVERT INSTALLATION

SCALE: 1/4" = 1'

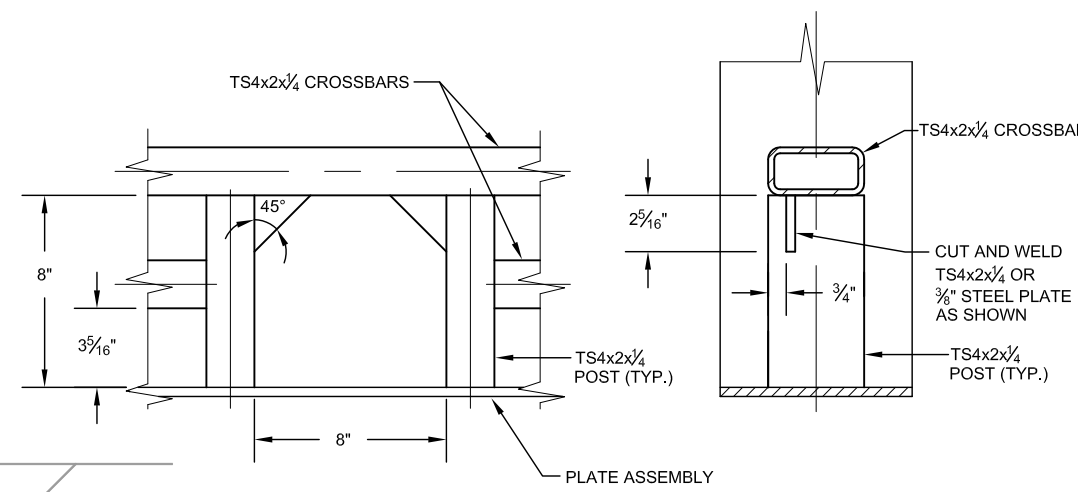


F55 ADIT



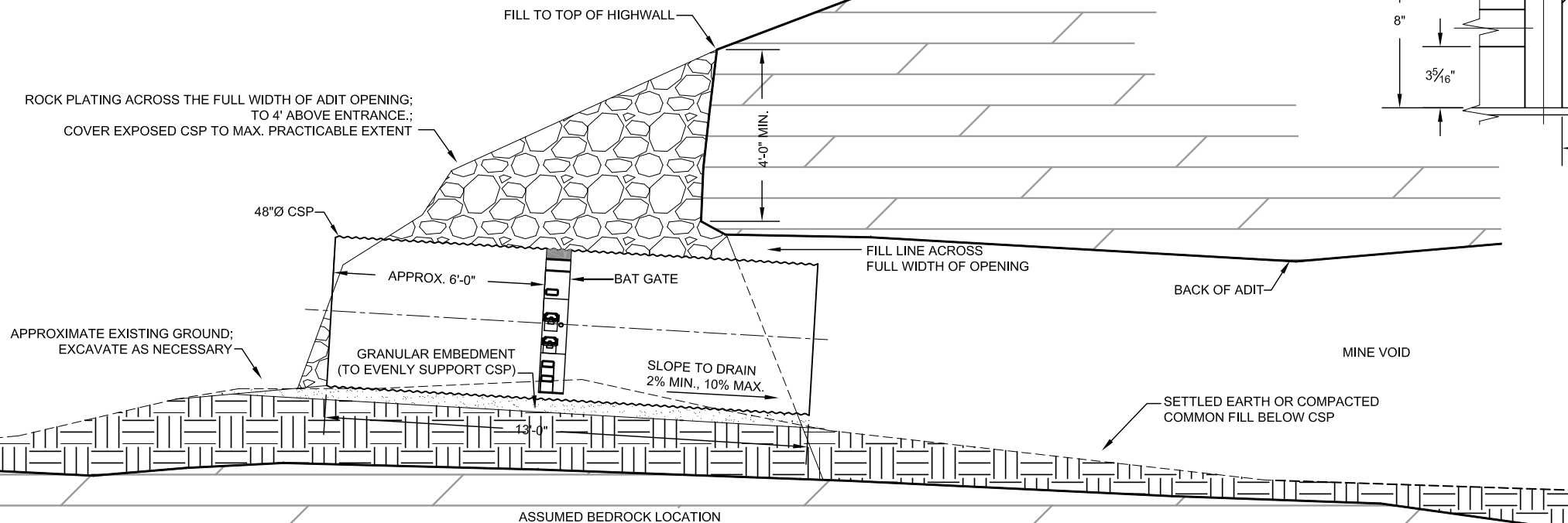
BAT GATE ASSEMBLY

SCALE: 3/4" = 1'



SMALL MAMMAL ENTRY DETAIL

SCALE: 1/2" = 1'



PROFILE - CULVERT INSTALLATION

SCALE: 1/4" = 1'

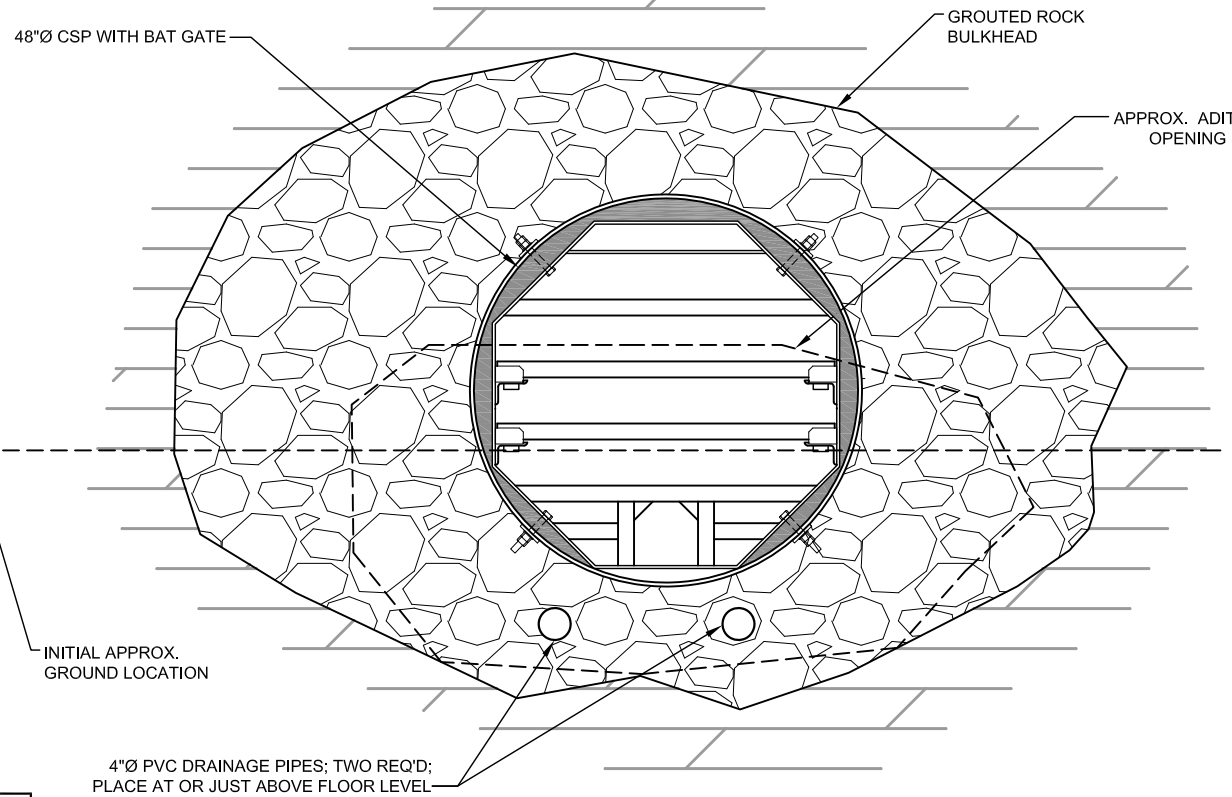
ABANDONED MINE LAND PROGRAM MINING AND MINERALS DIVISION NEW MEXICO ENERGY, MINERALS, AND NATURAL RESOURCES DEPARTMENT		
SCALE: AS SHOWN	F55	
DATE: 8/12/14	REVISED BY:	
CULVERT WITH BAT GATE		
FILE:	COOKES PEAK WEST MINE SAFEGUARD PROJECT-PH. II FIGURE: 3	



VIEW FROM INNER ADIT LOOKING OUT



INNER ADIT TO BE MUCKED OPEN



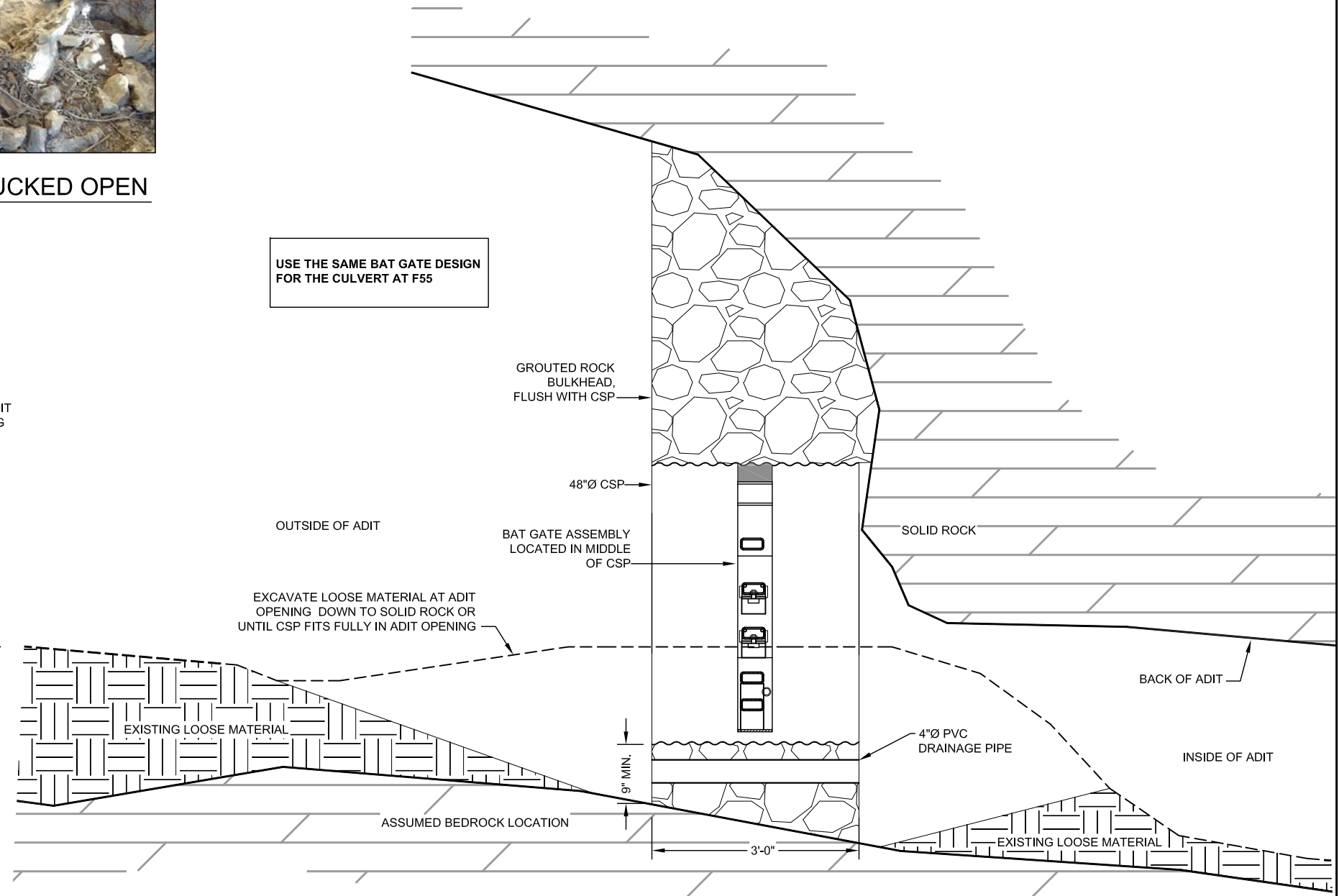
FRONT VIEW

SCALE: 1/2" = 1'-0"

GENERAL NOTES:

1. THE SHAPE AND DIMENSIONS SHOWN FOR THE EXISTING ADIT OPENING ARE APPROXIMATE. FIELD VERIFY ALL DIMENSIONS BEFORE FABRICATION.
2. STEEL PLATES AND SHAPES SHALL BE WEATHERING STEEL. WELD ALL JOINTS. CONSTRUCT THE BAT GATE TO ELIMINATE SURFACES ON WHICH MOISTURE OR DEBRIS CAN BE TRAPPED. ALL TUBULAR MEMBERS SHALL BE HERMETICALLY SEALED TO PREVENT THE INCURSION OF MOISTURE, EXCEPT AS OTHERWISE NOTED. ROUND OR CHAMFER ALL EXPOSED SHARP CORNERS AND EDGES.
3. DOUBLE-NUT ALL BOLTS. NUTS AND BOLTS SHALL BE STAINLESS STEEL.
4. LOCATE GROUDED ROCK BULKHEAD AT INNER ADIT ENTRANCE AS DIRECTED BY THE PROJECT MANAGER AND PRESERVE THE EXISTING TREE AS FEASIBLE. MUCK OUT THE INNER ADIT BY MOVING TWO CUBIC YARDS OF MATERIAL OUTWARDS AND PLACE TO THE SIDE AND OUT OF THE WAY AS DIRECTED BY THE PROJECT MANAGER.
5. WATER FLOWING INTO THE ADIT FACILITATES BAT HABITAT. MAINTAIN CURRENT FLOW PATTERNS AS FEASIBLE.
6. ROCK FOR THE BULKHEAD SHALL BE SOUND, DURABLE NATIVE ROCK THAT GIVES A RINGING SOUND WHEN STRUCK WITH A HAMMER.
7. PROPORTION AND MIX CONCRETE FOR THE BULKHEAD TO PRODUCE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS. CEMENT SHALL CONFORM TO ASTM C150 TYPE II, AND AGGREGATE TO ASTM C33, WITH A MAXIMUM SIZE OF AGGREGATE OF 3/4 -INCH. PACKAGED CONCRETE MIX MEETING ASTM C378 MAY BE USED..
8. STAIN VISIBLE PORTIONS OF CSP (INSIDE AND OUTSIDE) WITH NATINA GALVANIZED METAL COLORANT (PROVIDED BY THE PROJECT MANAGER) FOR CAMOUFLAGE.
9. PLACE A SURVEY MARKER, PROVIDED BY THE PROJECT MANAGER, INTO THE ROCK BULKHEAD BEFORE CONCRETE CURES.

USE THE SAME BAT GATE DESIGN FOR THE CULVERT AT F55

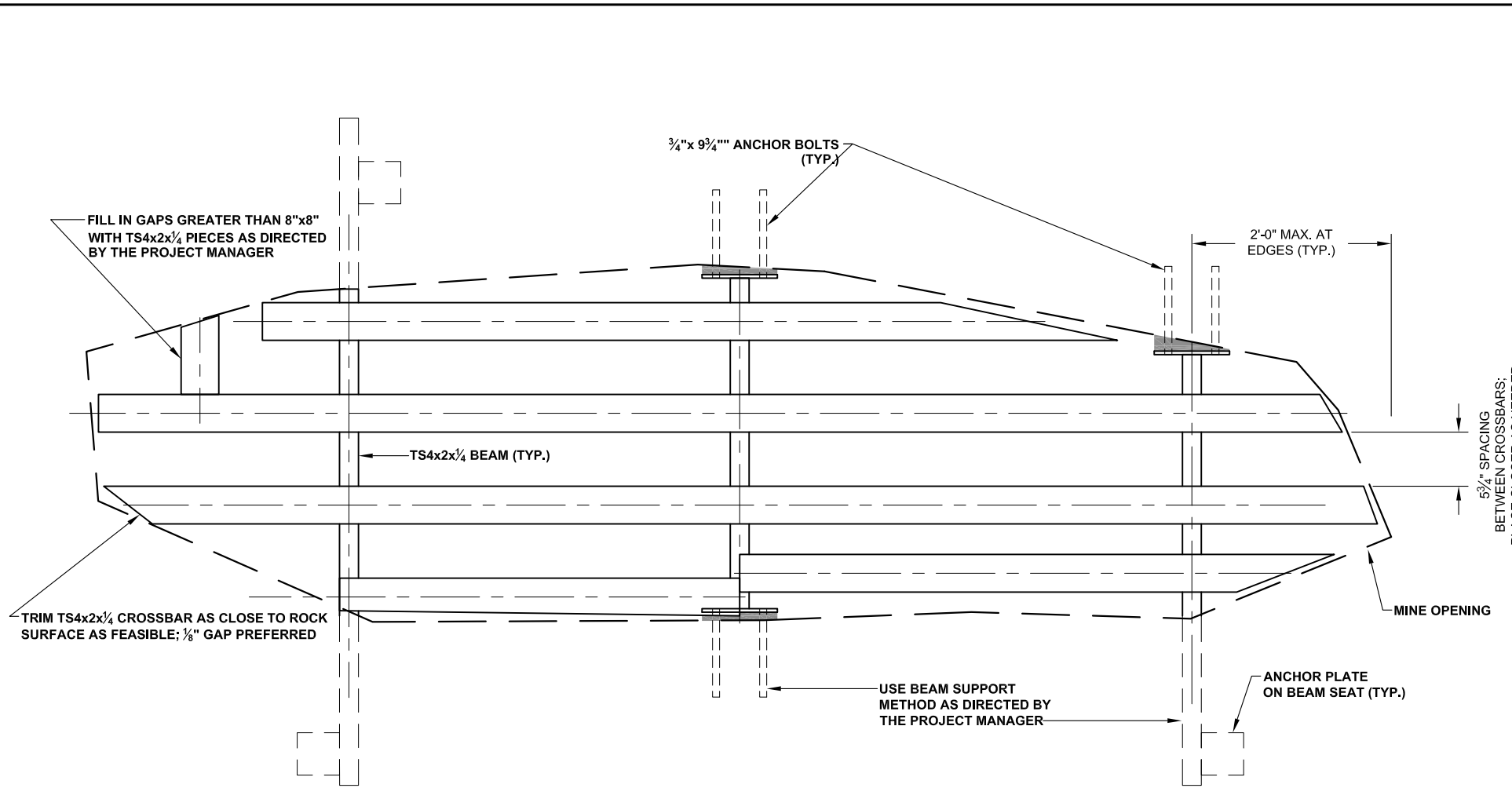


SECTION

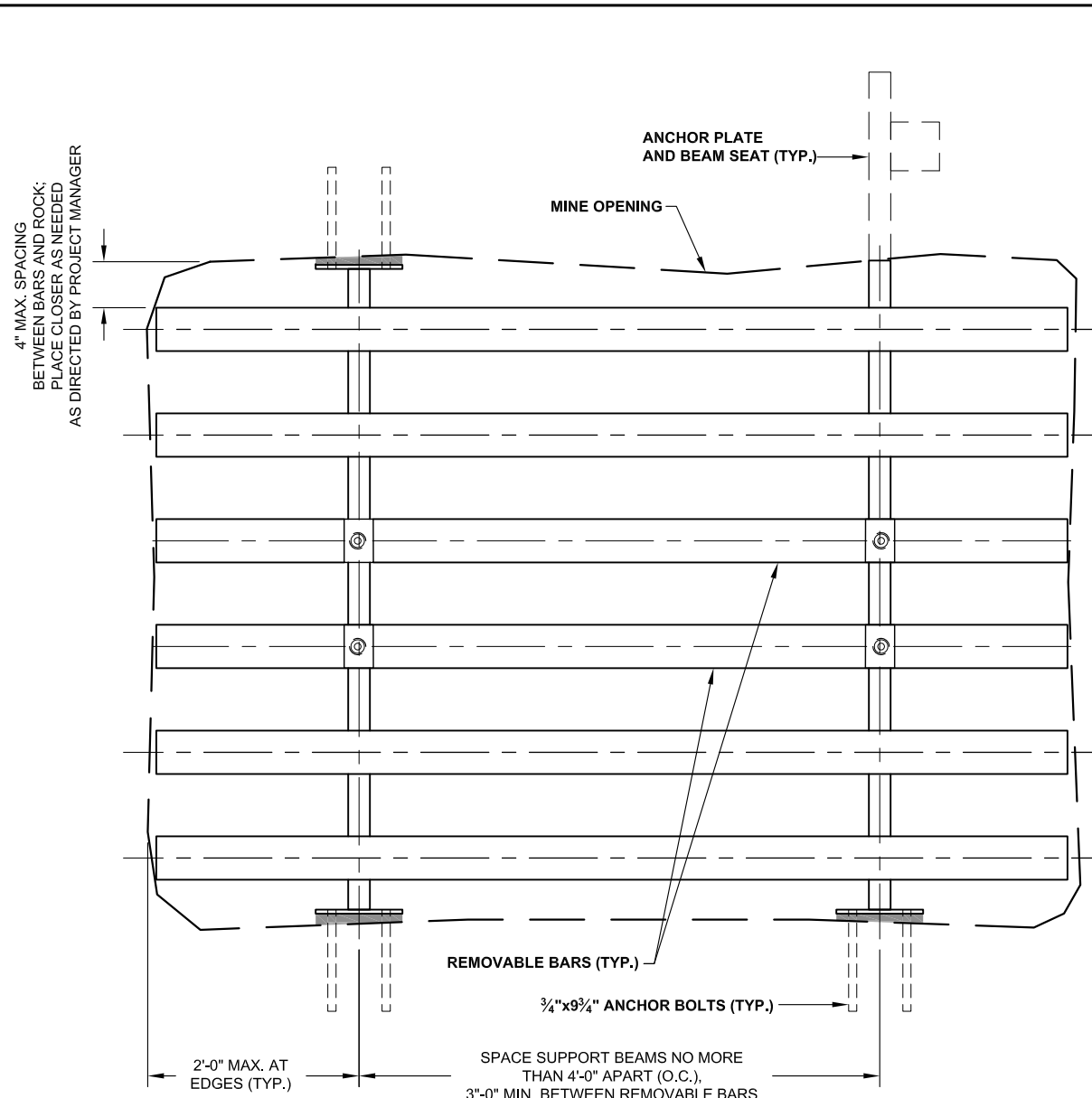
SCALE: 1/2" = 1'-0"

CAUTION - THIS PROJECT REQUIRES CONSTRUCTION WORK IN, AROUND, AND OVER HAZARDOUS AND UNPROTECTED MINE SHAFTS, STOPS, ADITS, AND OTHER OPENINGS WHICH MAY BE OPEN TO THE SURFACE OR HIDDEN FROM VIEW BY TRASH, DEBRIS, OR THIN AND UNSTABLE LAYERS OF SURFACE MATERIALS OR ROCK. THE CONSTRUCTOR SHALL BE RESPONSIBLE FOR THOROUGHLY INVESTIGATING THE SITE CONDITIONS AND SCHEDULING EQUIPMENT, PERSONNEL, AND SAFETY PROCEDURES TO PREVENT ACCIDENTS AND INJURIES.

ABANDONED MINE LAND PROGRAM MINING AND MINERALS DIVISION NEW MEXICO ENERGY, MINERALS, AND NATURAL RESOURCES DEPARTMENT		
SCALE: AS SHOWN	F77 ADIT	DRAWN BY: MWT
DATE: 5/10/2016		REVISED BY:
BAT GATE IN ROCK BULKHEAD		
FILE:	COOKES PEAK WEST MINE SAFEGUARD PROJECT - PH. II	FIGURE: 4

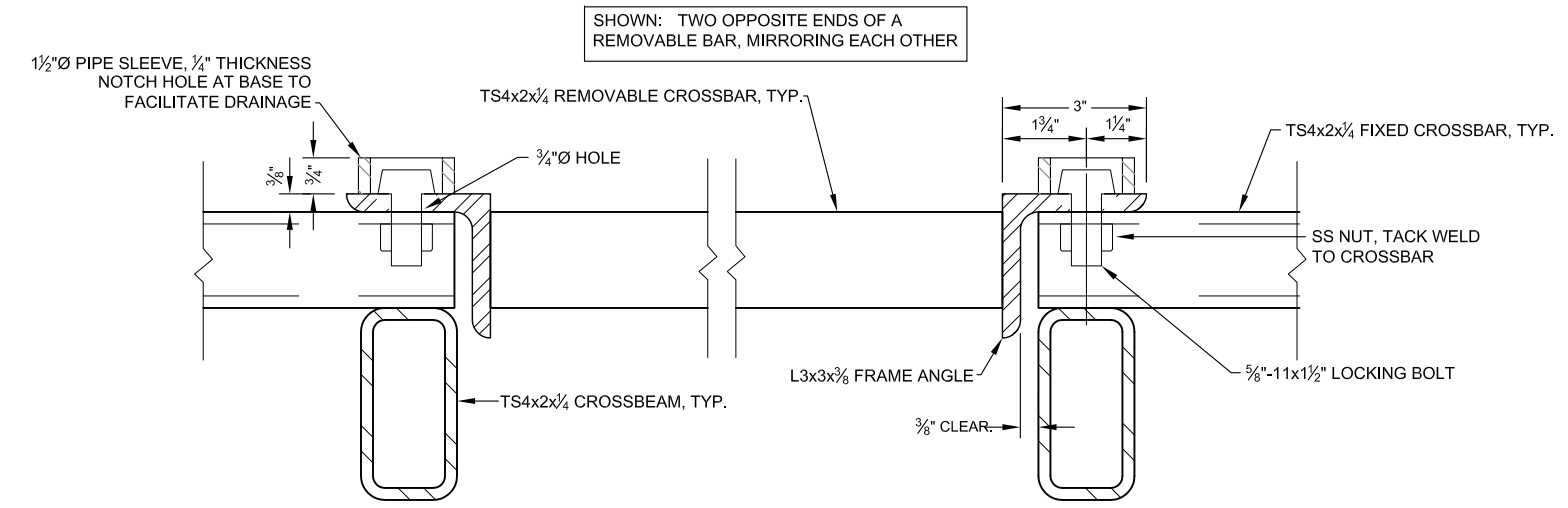


EXAMPLE MINE OPENING 1 - PLAN VIEW
SCALE: 3/4" = 1'-0"



EXAMPLE MINE OPENING 2 - PLAN VIEW
SCALE: 3/4" = 1'-0"

CAUTION - THIS PROJECT REQUIRES CONSTRUCTION WORK IN, AROUND, AND OVER HAZARDOUS AND UNPROTECTED MINE SHAFTS, STOPS, ADITS, AND OTHER OPENINGS WHICH MAY BE OPEN TO THE SURFACE OR HIDDEN FROM VIEW BY TRASH, DEBRIS, OR THIN AND UNSTABLE LAYERS OF SURFACE MATERIALS OR ROCK. THE CONSTRUCTOR SHALL BE RESPONSIBLE FOR THOROUGHLY INVESTIGATING THE SITE CONDITIONS AND SCHEDULING EQUIPMENT, EQUIPMENT OPERATIONS, PERSONNEL AND SAFETY PROCEDURES TO PREVENT ACCIDENTS AND INJURIES.

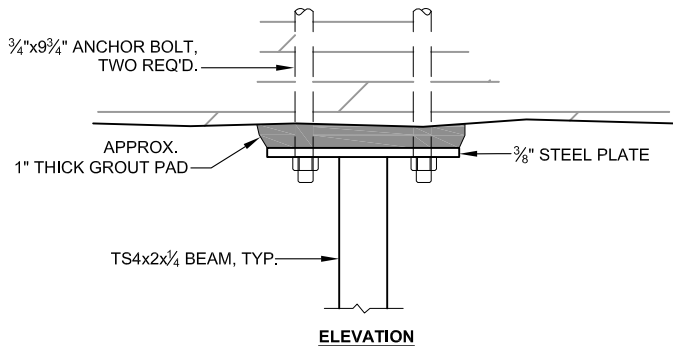
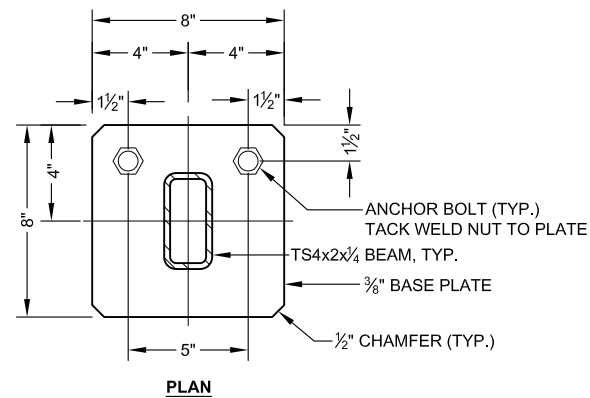


SECTION - REMOVABLE BAR
SCALE: 3" = 1'-0"

GENERAL NOTES:

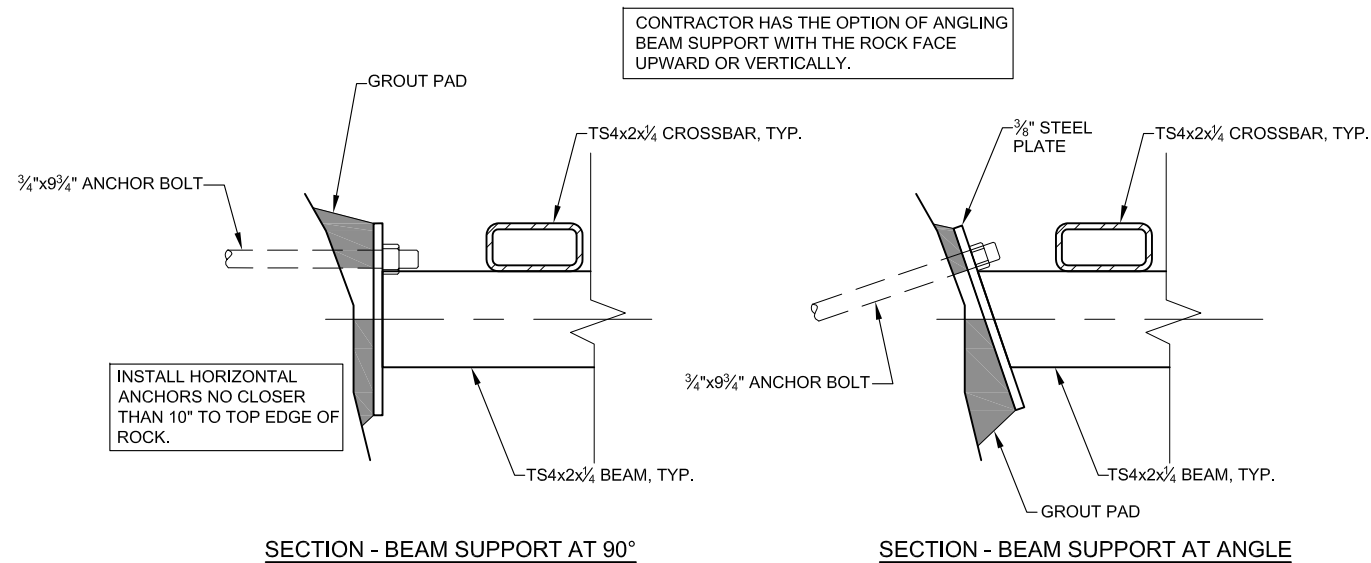
1. THIS DRAWING SHOWS TWO EXAMPLE MINE OPENINGS AND THE CORRESPONDING LAYOUTS OF THE STEEL CLOSURE. THE DRAWING SHALL BE USED AS A GUIDE FOR FIELD LAYOUT. DETERMINE THE ACTUAL LAYOUTS AND DIMENSIONS OF THE CLOSURES IN THE FIELD PRIOR TO FABRICATION.
2. INSTALL HORIZONTAL BAT GATES AS CLOSE TO THE TOP OF THE SHAFT OPENINGS AS POSSIBLE, WHERE THE ROCK AT THE GATE LOCATIONS IS FULLY COMPETENT AND THE ANCHORS ARE PLACED AT LEAST 10" BELOW THE TOP OF THE ROCK.
3. REMOVE LOOSE ROCK AT CLOSURES PRIOR TO FABRICATION AND FIELD ERECTION OF THE CLOSURES. MINIMIZE THE AMOUNT OF ROCK AND OTHER DEBRIS THAT FALL INTO THE MINE OPENINGS DURING CONSTRUCTION. PULL LOOSE MATERIAL UP AND AWAY FROM THE MINE AREA.
4. USE BEAM SUPPORTS OR BEAM SEATS, AT CONTRACTOR'S DISCRETION AND APPROVAL FROM THE PROJECT MANAGER, TO FASTEN BEAM ENDS TO COMPETENT ROCK.
5. UNLESS OTHERWISE ACCEPTED BY THE PROJECT ENGINEER, PLACE TS BEAMS ACROSS THE SPAN (WIDTH) OF THE SHAFT OPENING.
6. INSTALL SURVEY MARKER (SUPPLIED BY AML PROGRAM) INTO CONCRETE OR ADJACENT COMPETENT ROCK AS DIRECTED BY THE PROJECT MANAGER.

ABANDONED MINE LAND PROGRAM		
MINING AND MINERALS DIVISION NEW MEXICO ENERGY, MINERALS, AND NATURAL RESOURCES DEPARTMENT		
SCALE: AS SHOWN	VARIOUS LOCATIONS	DRAWN BY: MWT
DATE:		REVISED BY:
HORIZONTAL BAT GATE CLOSURE		
FILE:	COOKES PEAK WEST MINE SAFEGUARD PROJECT-PH.II	FIGURE: 5



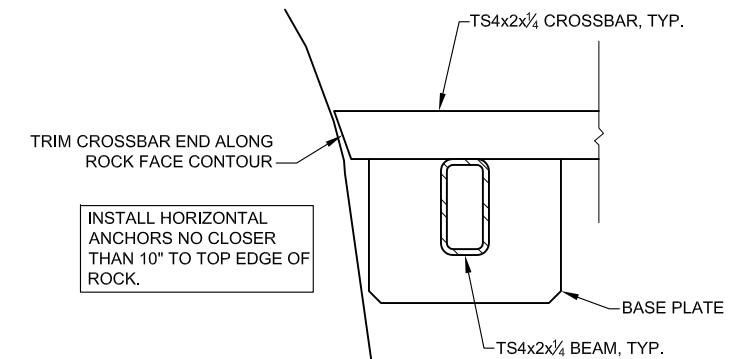
BEAM SUPPORT DETAIL

SCALE: 1 1/2" = 1'-0"



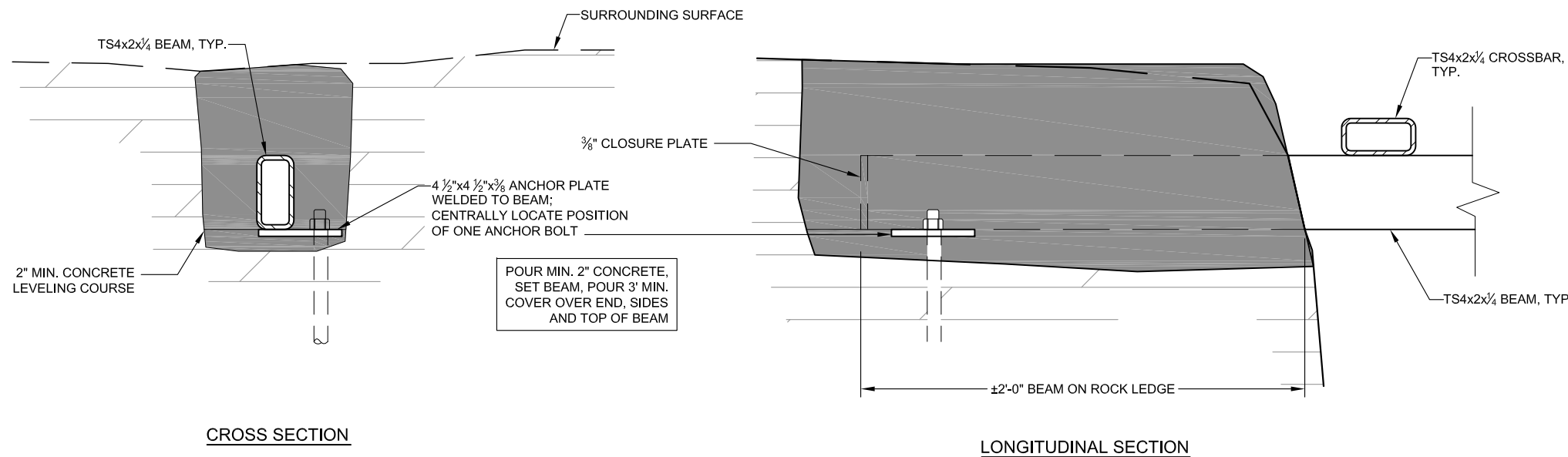
BEAM SUPPORT SIDE SECTION

SCALE: 1/2" = 1'-0"



BEAM-CROSSBAR SECTION VIEW

SCALE: 3/4" = 1'-0"



BEAM SEAT DETAILS

SCALE: 1/2" = 1'-0"

GENERAL NOTES:

1. POSITION CLOSURE AT THE TOP OF THE SHAFT AT A STABLE LOCATION AS DIRECTED BY THE PROJECT MANAGER. IF THERE IS POTENTIAL FOR ROCK ACCUMULATION FROM ABOVE, STRUCTURE SHOULD BE ANGLED DOWNHILL IF POSSIBLE TO ALLOW THE ROCKS TO SLIDE OFF.
2. MINIMIZE THE AMOUNT OF ROCK AND OTHER DEBRIS THAT FALL INTO THE MINE OPENINGS DURING CONSTRUCTION. PULL LOOSE MATERIAL UP AND AWAY FROM THE MINE AREA.
3. USE BEAM SUPPORTS OR BEAM SEATS, AT CONTRACTOR'S OPTION WITH CONCURRENCE FROM THE PROJECT MANAGER, TO FASTEN BEAM ENDS TO COMPETENT ROCK.
4. STEEL SHAPES, PLATES AND BARS SHALL BE WEATHER OR STAINLESS STEEL.
5. PUT 1/4" CHAMFER ON ANY CONCRETE EDGES.
7. ANCHOR BOLTS SHALL BE ZINC-PLATED HILTI HIT ADHESIVE ANCHORS OR APPROVED EQUIVALENT. FOLLOW MANUFACTURER'S RECOMMENDATIONS REGARDING INSTALLATION.
8. DO NOT FILL BEAMS WITH CONCRETE OR GROUT.
9. INSTALL SURVEY MARKER (SUPPLIED BY AML PROGRAM) INTO ADJACENT COMPETENT ROCK AS DIRECTED BY THE PROJECT MANAGER.

CAUTION - THIS PROJECT REQUIRES CONSTRUCTION WORK IN, AROUND, AND OVER HAZARDOUS AND UNPROTECTED MINE SHAFTS, STOPS, ADITS, AND OTHER OPENINGS WHICH MAY BE OPEN TO THE SURFACE OR HIDDEN FROM VIEW BY TRASH, DEBRIS, OR THIN AND UNSTABLE LAYERS OF SURFACE MATERIALS OR ROCK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THOROUGHLY INVESTIGATING THE SITE CONDITIONS AND SCHEDULING EQUIPMENT, EQUIPMENT OPERATIONS, PERSONNEL AND SAFETY PROCEDURES TO PREVENT ACCIDENTS AND INJURIES.

ABANDONED MINE LAND PROGRAM		
MINING AND MINERALS DIVISION		
NEW MEXICO ENERGY, MINERALS, AND NATURAL RESOURCES DEPARTMENT		
SCALE: AS SHOWN	VARIOUS LOCATIONS	DRAWN BY: MWT
DATE:		REVISED BY:
HORIZONTAL BAT GATE CLOSURE DETAILS		
FILE:	COOKES PEAK WEST MINE SAFEGUARD PROJECT-PH.II	FIGURE: 6



HORIZONTAL BAT GATE LOCATIONS

FEATURE NUMBER	APPROX. MINE OPENING (FT)	APPROX. TS4x2x¼ NEEDED (LINEAR FEET)	APPROX. NO. OF SUPPORT BEAM ENDS	NO. OF REMOVABLE BARS
9	9' x 9'	120	4	1
15	8' x 5'	60	4	1
15.01	6' x 6'	60	4	1
56	11' x 10'	160	6	1
68	5' x 5'	40	4	1
71	8' x 4½'	60	4	1
73	9' x 6'	75	4	1
75	18' x 4½'	130	8	1
77.01	2' x 3'	12	2	
77.02	2' x 3'	12	2	
78	3' x 4'	20	4	1
79	8' x 5'	60	4	1
86	1' x 2'	7	2	1
88	8' x 7'	86	4	1
97	7' x 4'	43	4	1
100	8' x 6'	68	4	1
102	15' x 4'	91	8	1
104	6' x 5'	46	4	1
115	4' x 2½'	20	4	1
116	5' x 5'	40	4	1
127	5' x 4'	33	4	
129	8' x 5'	60	4	1
130	6' x 4'	38	4	1
137	5' x 4'	33	4	
145	7' x 5'	52	4	1
146	8' x 5'	60	4	1
147	8' x 5'	60	4	1
150	4' x 3'	20	2	1
276	8' x 5'	58	4	1
281	7' x 6'	62	4	1
TOTAL		1,686	122	26

ANCHOR INSTALLATION NOTES:

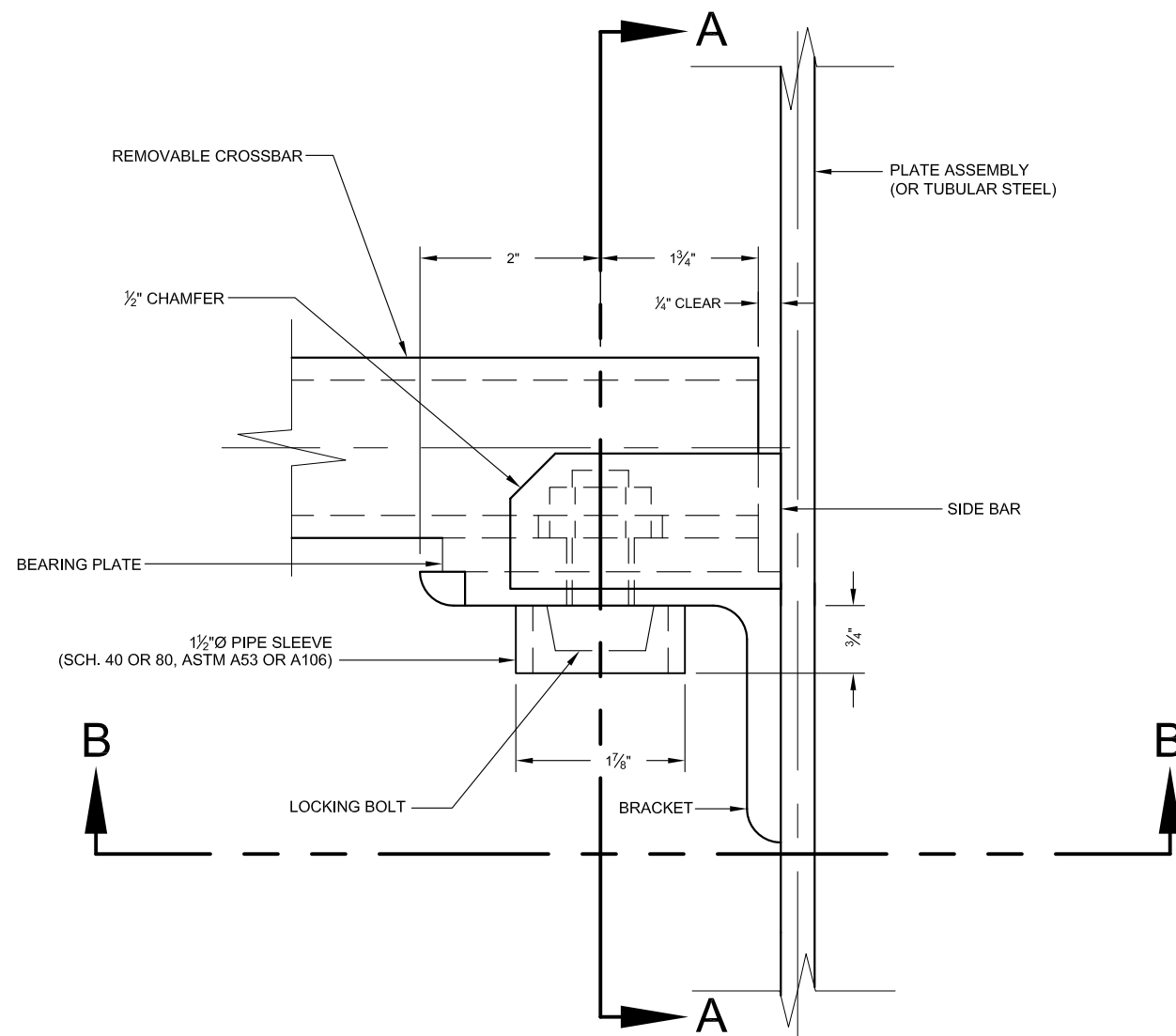
1. SUPPORT BEAMS FOR HORIZONTAL BAT GATES SHALL BE ATTACHED TO THE SURROUNDING ROCK USING HILTI HIT-HY 200 ADHESIVE ANCHORING SYSTEM OR AN APPROVED EQUIVALENT.
2. HILTI HIT-HY 200 ADHESIVE IS AVAILABLE IN TWO OPTIONS, HILTI HIT-HY 200-A, AND HILTI HIT-HY 200-R. BOTH OPTIONS UTILIZE THE SAME TECHNICAL DATA. HILTI HIT-HY 200-A WILL HAVE SHORTER WORKING TIMES AND CURING TIMES THAN HILTI HIT-HY 200-R. THE PACKAGING FOR EACH IS DIFFERENT WHICH HELPS THE USER DISTINGUISH BETWEEN THE TWO ADHESIVES.
3. INJECTABLE ADHESIVE SHALL BE USED FOR INSTALLATION OF THREADED RODS (REBAR) (INSERTS) INTO EXISTING CONCRETE. ADHESIVE SHALL BE FURNISHED IN CONTAINERS WHICH KEEP COMPONENT A AND COMPONENT B SEPARATE. CONTAINERS SHALL BE DESIGNED TO ACCEPT STATIC MIXING NOZZLE WHICH THOROUGHLY BLENDS COMPONENT A AND COMPONENT B AND ALLOWS INJECTION OF THE MIXED ADHESIVE DIRECTLY INTO THE DRILLED HOLE.
4. ONLY INJECTION TOOLS AND STATIC MIXING NOZZLES SUPPLIED BY THE MANUFACTURER MAY BE USED. INJECTION ADHESIVE SHALL BE FORMULATED TO INCLUDE THE RESIN AND HARDENER TO PROVIDE OPTIMAL CURING SPEED, HIGH STRENGTH AND STIFFNESS. INJECTION ADHESIVE ANCHOR SYSTEM SHALL BE HILTI HIT-HY 200 INSTALLED USING HILTI SAFE SET TECHNOLOGY. HIT-HY 200 SYSTEM SHALL BE SUPPLIED BY HILTI.
5. THE ANCHORS SHALL BE HILTI HIT-Z-R ANCHORS RODS ¾" DIAMETER X 9¾" LENGTH. DRILL HOLE LENGTH SHALL BE A 8¾" IN LENGTH AND THE DIAMETER SHALL BE 7/8".
6. WHEN USING HILTI HIT-Z-R ANCHOR RODS, DRILLING DUST DOES NOT NEED TO BE REMOVED FOR OPTIMUM CAPACITY WHEN BASE MATERIAL TEMPERATURES ARE GREATER THAN 41° F (5° C) AND A HAMMER DRILL WITH A CARBIDE TIPPED DRILL BIT IS USED. HOWEVER, THE HOLE SHALL BE CLEANED IF ANY OTHER TYPE OF DRILLING METHOD IS USED.
7. THE BOLT SHALL BE TORQUED TO 110 FT-LB.
8. INSTALLATION OF EACH BOLT SHALL UTILIZE TWO WASHERS AND AT LEAST ONE NUT. TAKE MEASURES TO MAKE ALL NUTS UNREMOVABLE SUCH AS DESTROYING THE THREADS OR TACK WELDING.



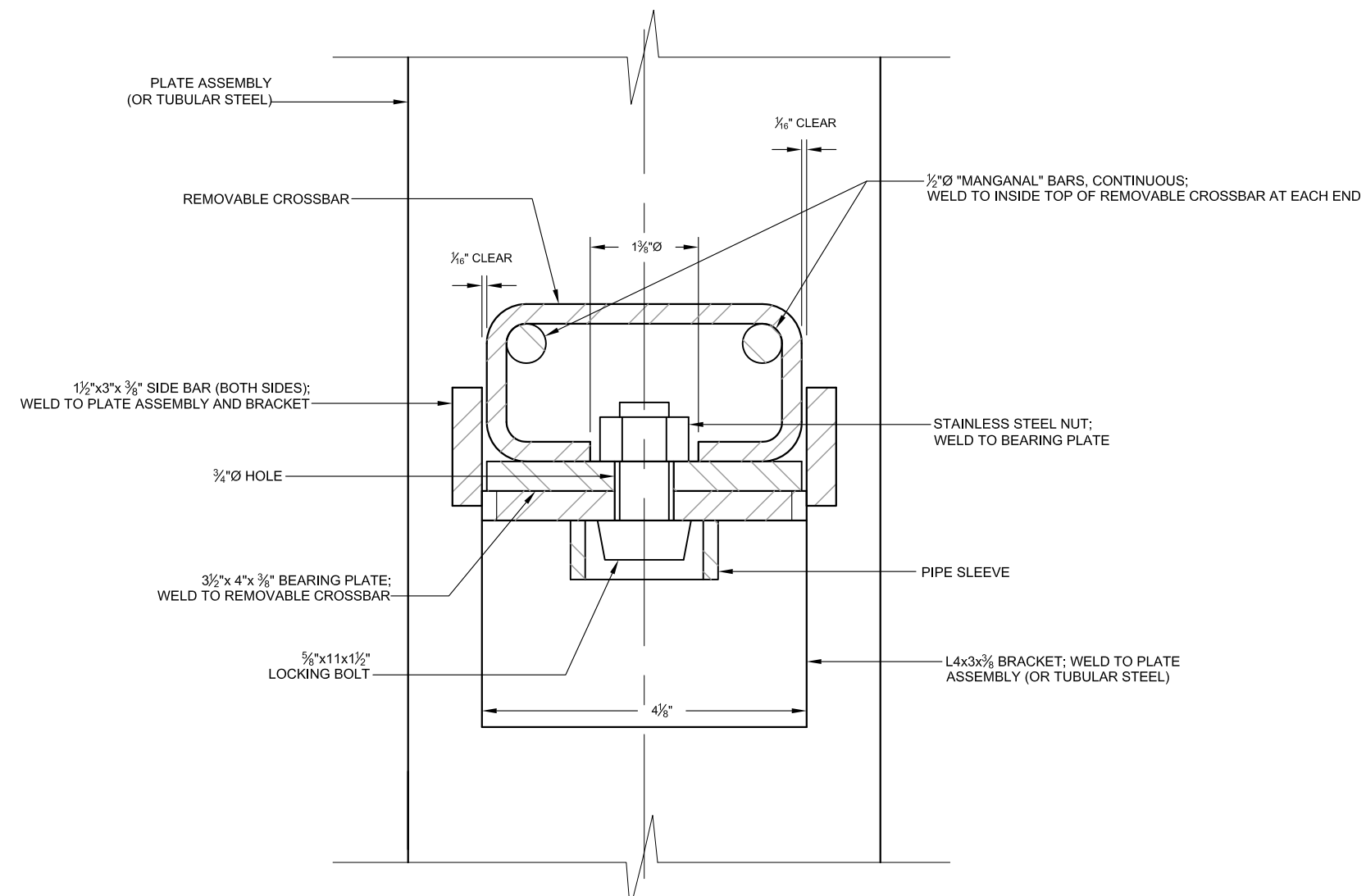
EXAMPLE PHOTO

(GAGE MINE SAFEGUARD PROJECT)

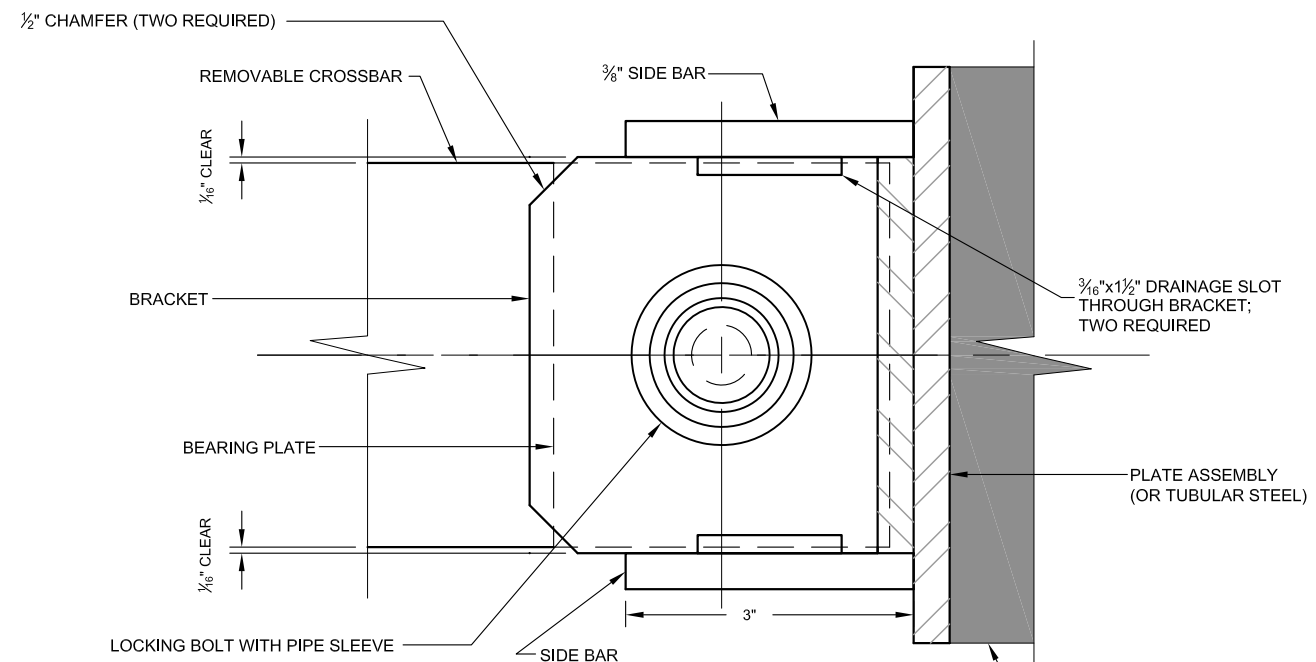
ABANDONED MINE LAND PROGRAM			
MINING AND MINERALS DIVISION NEW MEXICO ENERGY, MINERALS, AND NATURAL RESOURCES DEPARTMENT			
SCALE: AS SHOWN	VARIOUS LOCATIONS	DRAWN BY: MWT	
DATE:		REVISED BY:	
HORIZONTAL BAT GATE CLOSURE			
FILE:	COOKES PEAK WEST MINE SAFEGUARD PROJECT-PH.II	FIGURE: 7	



ELEVATION
(OPPOSITE SIDE SYMMETRICAL)



SECTION A-A

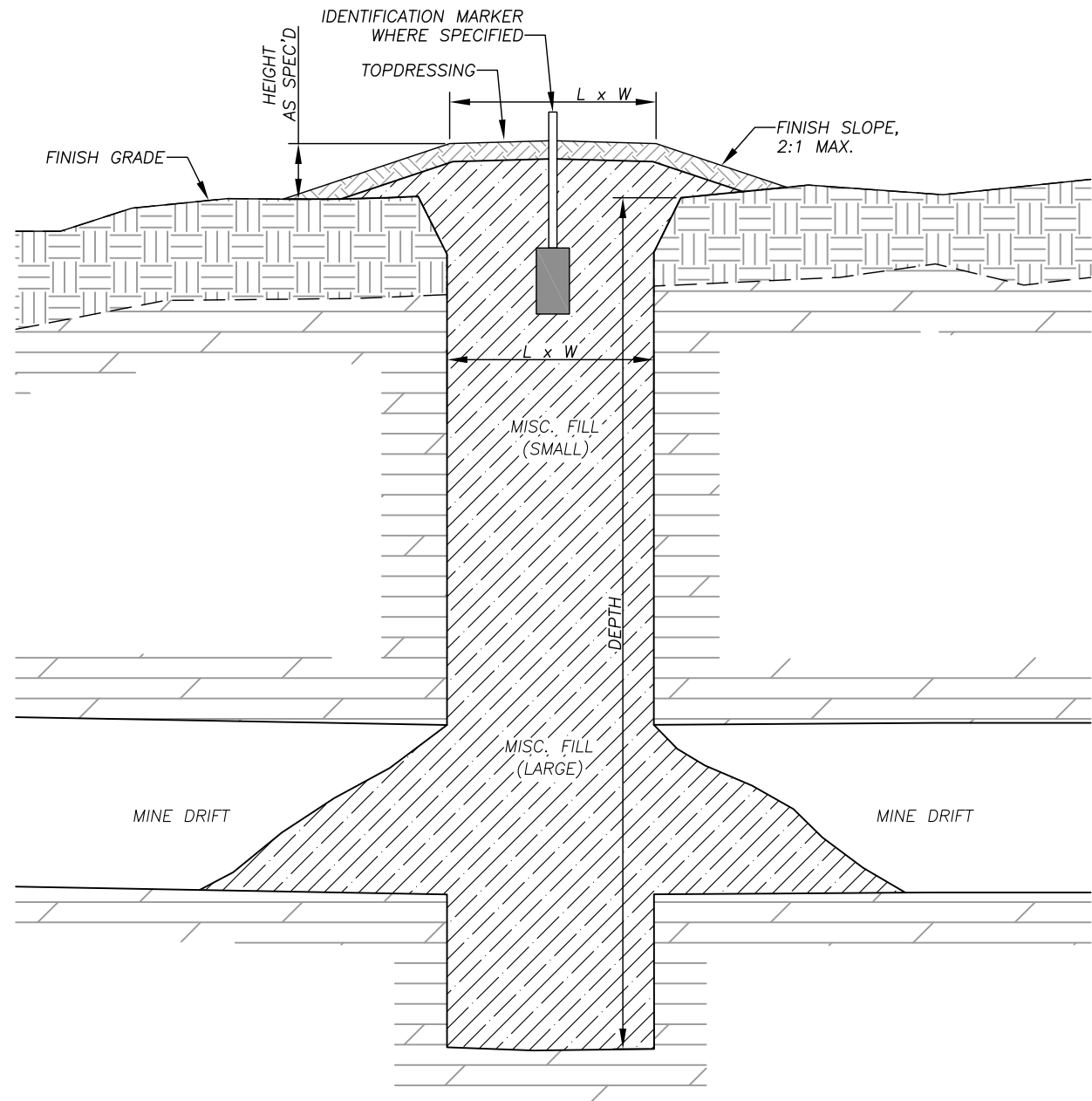


SECTION B-B
(BOTTOM VIEW)

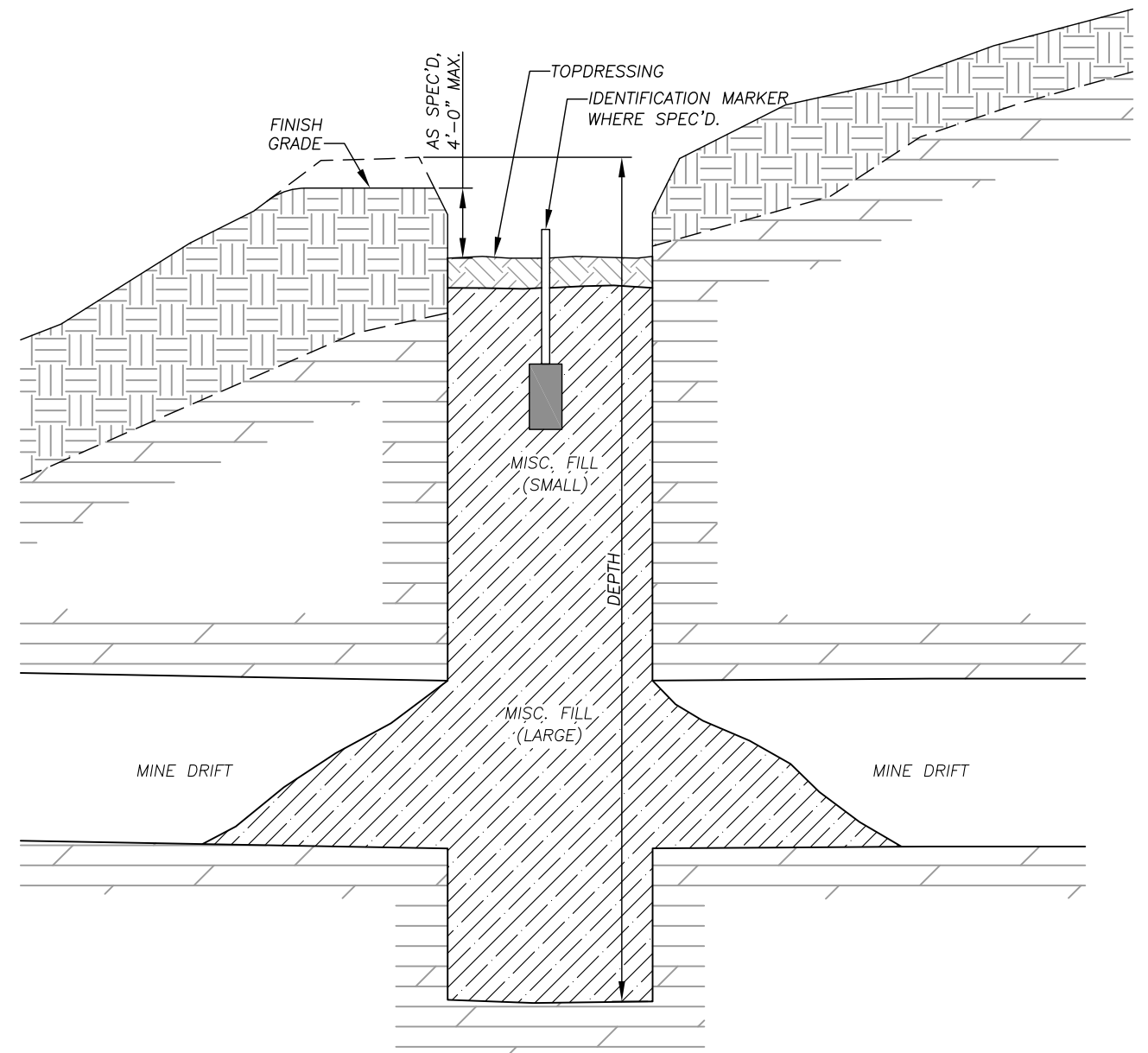
GENERAL NOTES:

1. STEEL PLATES AND SHAPES SHALL BE WEATHERING STEEL. WELD ALL JOINTS, EXCEPT AS OTHERWISE INDICATED. CONSTRUCT THE LOCK TO ELIMINATE SURFACES ON WHICH MOISTURE OR DEBRIS CAN BE TRAPPED. JOINTS SHALL BE TIGHT SO THAT MOISTURE CANNOT ENTER BETWEEN THE PLIES OF MATERIAL. ROUND OR CHAMFER ALL EXPOSED SHARP CORNERS AND EDGES.
2. "MANGANAL" BARS SHALL BE HIGH MANGANESE STEEL WITH 12% TO 14% MANGANESE. EACH BAR SHALL EXTEND THE FULL LENGTH OF EACH REMOVABLE CROSSBAR.
3. ALONG THE BOTTOM OF EACH REMOVABLE CROSSBAR, DRILL 1/2" DIAMETER HOLES AT 1'-0" O.C.
4. THE CONTRACTOR SHALL PROVIDE THE NUTS (5/8"Ø - 11 UNC CLASS 2A THREAD). THE PROJECT MANAGER WILL SUPPLY THE LOCKING BOLTS.
5. COAT THE THREADS OF THE LOCKING BOLTS WITH LPS1 LUBRICANT AND INSTALL FIRMLY WITH 50 TO 75 POUNDS OF TORQUE.

ABANDONED MINE LAND PROGRAM MINING AND MINERALS DIVISION NEW MEXICO ENERGY, MINERALS, AND NATURAL RESOURCES DEPARTMENT			
SCALE: 6"=1'-0"	VARIOUS LOCATIONS	DRAWN BY: JAK	
DATE:		REVISED BY: MWT	
REMOVABLE CROSSBAR LOCK DETAIL			
FILE:	COOKES PEAK WEST MINE SAFEGUARD PROJECT-PH. II	FIGURE: 8	



**MOUNDED BACKFILL DESIGN
(TYPICAL SECTION)**



**DEPRESSED BACKFILL DESIGN
(TYPICAL SECTION)**

GENERAL NOTES:

1. THE FILL AT AND ABOVE DRIFT LEVELS SHALL CONSIST OF THE COARSEST MATERIAL AVAILABLE. SMALLER MATERIAL MAY BE USED ELSEWHERE. SEE THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
2. AS PRACTICABLE, SHAPE THE REMAINING MINE WASTE MATERIAL TO RESEMBLE AN UNDISTURBED MINE WASTE PILE.
3. THE LENGTH AND WIDTH OF THE TOP OF THE MOUND SHALL BE EQUAL TO OR GREATER THAN THE INTERNAL SHAFT LENGTH AND WIDTH RESPECTIVELY.

ABANDONED MINE LAND PROGRAM MINING AND MINERALS DIVISION NEW MEXICO ENERGY, MINERALS, AND NATURAL RESOURCES DEPARTMENT			
SCALE: NOT TO SCALE	VARIOUS LOCATIONS		DRAWN BY: JAK
DATE:		REVISED BY:	
SHAFT BACKFILL DESIGNS			
FILE:	COOKES PEAK WEST MINE SAFEGUARD PROJECT-PH II		FIGURE: 9