

SHEET NO. TITLE REV	EXPLANATION	ABBREVIATIONS	5 5 번 3
TITLEPROJECT SITE LOCATION AND ACCESS MAP21INDEX OF SHEETS AND EXPLANATION22SITE VICINITY MAP AND BID FORM23EXISTING SITE AREA MAP24PROPOSED DRILL HOLE LOCATIONS25PROJECTED DEPTH TO COAL SEAM PLAN VIEW AND CROSS-SECTION26GROUT PILLAR TYPICAL CONSTRUCTION DETAIL21INDEX OF SHEETS	72 STATE HIGHWAY PARCEL BOUNDARY (SHOWING OWNERSHIP) EXISTING A-25 ROAD CENTERLINE (APPROXIMATE) EXISTING SURFACE CONTOUR, 5 FOOT INTERVAL EXISTING MASONRY WALL EXISTING STRUCTURE AREA OF PROBABLE EFFECT (APE) BOUNDARY 	APEAREA OF PROBABLE EFFECTEX.EXISTINGPROPOSED DRILL HOLE LOCATIONØDIAMETER CORRUGATED METAL PIPEFT AMSLFEET ABOVE MEAN SEA LEVELEXISTING ADIT EXISTING SUBSIDENCE FEATURESCMP.CORRUGATED METAL PIPEFT AMSLFEET ABOVE MEAN SEA LEVELEXISTING STORAGE TANKEA.EACHREQ'DREQUIREDSITE ACCESS ROUTEEL./ELEV.ELEVATIONSHESHEETDENTON MINE UNDERGROUND WORKINGSTYP.TYPICALINTERSTATE HIGHWAYPROPOSED STAGING AREASHEASHEA	025 REISSUE FOR CONSTRUCTION MR 025 REISSUE FOR CONSTRUCTION MR 025 REISSUE FOR CONSTRUCTION BB 023 ISSUE FOR CONSTRUCTION JD E DESCRIPTION BY
NOTES: GENERAL:			02/19/20 01/17/20 02/27/20 DATE
		RACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES. THE ENGINEER AND OWNER DO	RE 0 - 2 2
 EXPENSE. DISTURBANCE OUTSIDE OF THE APE SHOWN ON THE SITE PLANS WILL NO D. THE CONTRACTOR SHALL USE EXISTING ACCESS ROADS FOR EQUIPMENT, PERSONN E. QUANTITIES SHOWN ARE ESTIMATES FOR BIDDING PURPOSES ONLY. F. NO OTHER ACCESS TO THE SITE IS ALLOWED WITHOUT PERMISSION IN WRITING FRO G. ALL TRASH AND DEBRIS GENERATED BY THE CONTRACTOR SHALL BE DISPOSED OF I H. THE CONTRACTOR SHALL DECONTAMINATE ALL EQUIPMENT AND SUPPORT VEHICLES THE EQUIPMENT AND VEHICLES PRIOR TO ALLOWING THEM ON SITE. ANY EQUIPMEN I. THE DRAWINGS DO NOT PURPORT TO SHOW ALL OBJECTS EXISTING ON, ABOVE, OR J. PARCEL BOUNDARIES WERE OBTAINED FROM THE COLFAX COUNTY ASSESSOR'S OF FOR LOCATING RIGHT-OF-WAYS DURING UTILITY LOCATES. K. THE ENGINEER WILL PROVIDE LOCATIONS FOR ALL PROPOSED RECLAMATION TASKS 2. SAFETY: A. THIS PROJECT REQUIRES CONSTRUCTION WORK IN THE VICINITY OF HISTORIC MINEL SAFETY PROCEDURES TO PREVENT ACCIDENTS AND INJURIES. THE CONTRACTOR S 	T BE ALLOWED. EL, AND MATERIALS TRANSPORTATION. THE CONTRACTOR SHALL REPAIR A M THE ENGINEER AND/OR LANDOWNERS. N A LICENSED OFF-SITE LANDFILL. TRASH INCLUDES CIGARETTE BUTTS, BO S PRIOR TO MOBILIZING TO THE SITE. EQUIPMENT AND SUPPORT VEHICLES T OR VEHICLES FOUND, IN THE ENGINEER'S JUDGEMENT, TO NOT BE ADEQU AROUND THE SITE. FICE. PROPERTY LINES SHOULD BE CONSIDERED APPROXIMATE. POTENTIA TO THE CONTRACTOR.	TTLES, WRAPPERS, AND OTHER MATERIALS. TRASH MAY NOT BE BURIED ON-SITE. SHALL BE FREE OF WEEDS, ORGANIC MATERIAL, AND DIRT. THE ENGINEER WILL INSPECT	Trivening 2000 Larame, Wyoming 2000 Larame, Wyoming 2000 Larame, Wyoming 2000 SCALE: NONE
 B. CONSTRUCTION: A. TEMPORARY FENCING FOR PUBLIC ACCESS CONTROL SHALL BE INSTALLED WHERE IN B. THE CONTRACTOR SHALL CONFINE CONSTRUCTION STAGING AREA AND MATERIALS AREA, STORAGE AREA, AND MAINTAINING SECURITY. THE STAGING AREA MAY BE FE CONTRACTOR'S EQUIPMENT AND MATERIALS C. THE CONTRACTOR SHALL BE AWARE THAT HISTORIC MINING AND RECLAMATION DEE DEBRIS SHALL NOT BE DISTURBED WITHOUT THE APPROVAL OF THE ENGINEER. DEE 	LAY DOWN TO THE AREAS IDENTIFIED ON THE PLANS AND APPROVED BY TH NCED AT THE CONTRACTOR'S DISCRETION AND IT WILL BE GUARDED AND M RIS SUCH AS CONCRETE, WOOD, METAL, ETC. MAY BE ENCOUNTERED. THE RIS REMOVAL AND DISPOSAL WILL BE IN ACCORDANCE WITH THE SPECIFIC/ IL/COVERSOIL IS ANY MATERIAL SUITABLE FOR PLANT GROWTH MEDIUM AS ABLE MEDIUM FOR PLANT GROWTH. NOTE: COVERSOIL = TOPSOIL IN ALL RE HOUT PRIOR WRITTEN PERMISSION FROM THE ENGINEER. HED AS DIRECTED BY THE SPECIFICATIONS AND THE ENGINEER. JRFACE AREA.	AINTAINED BY THE CONTRACTOR TO ADEQUATELY PREVENT LOSS OR DAMAGE TO THE CONTRACTOR SHALL DISPOSE OF THESE MATERIALS AS APPROVED BY THE ENGINEER. ATIONS. DETERMINED BY THE ENGINEER. THE REMAINING MATERIAL IS TERMED UNCLASSIFIED, OR FERENCES IN THESE PLANS.	INDEX OF SHEETS AND EXPLANATION COUNTY ROAD A-25 SUBSIDENCE MITIGATION PROJECT, EMNRD-MMD-2025-04 NEW MEXICO ABANDONED MINE LAND PROGRAM
			SHEET 1 OF 6

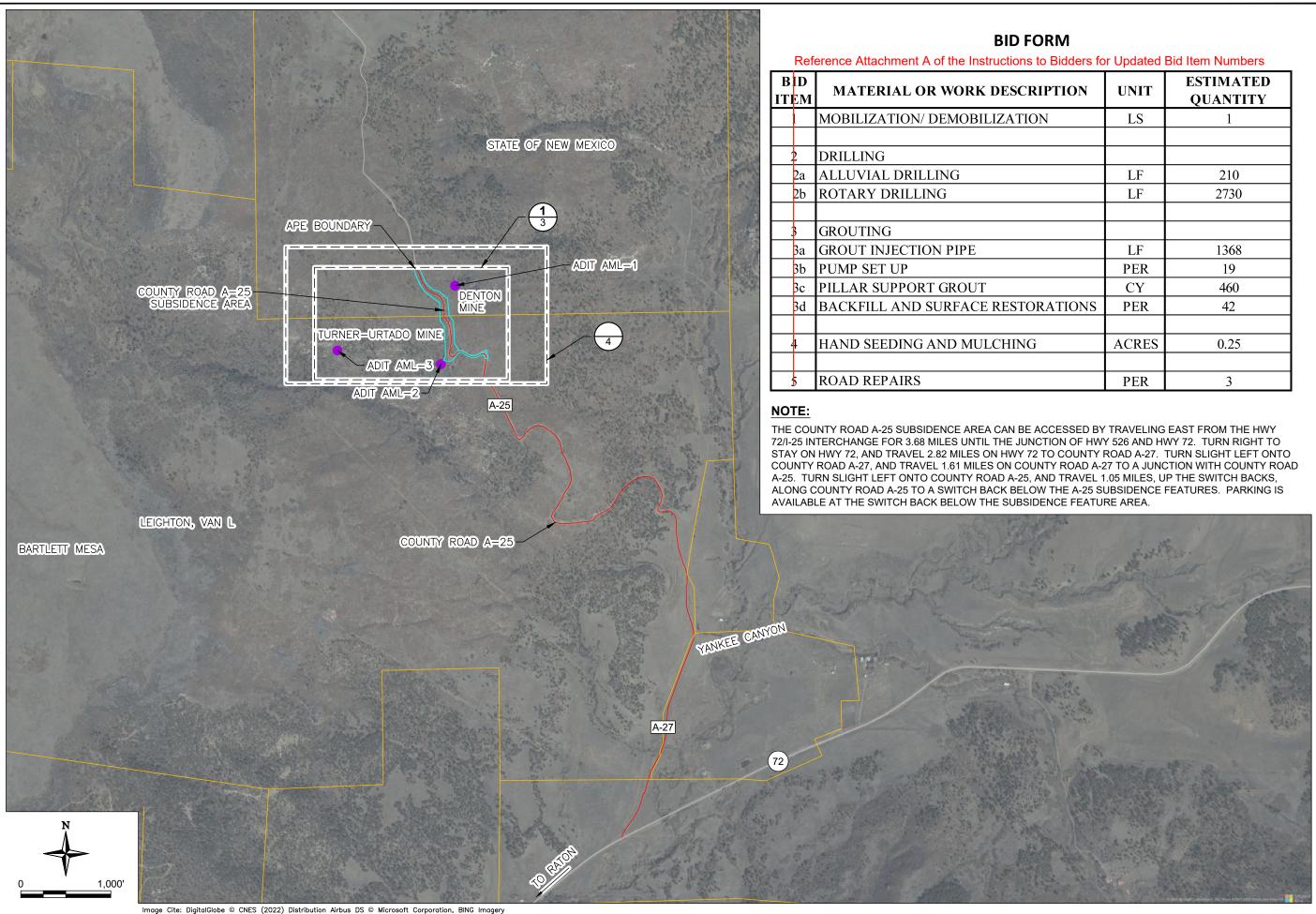
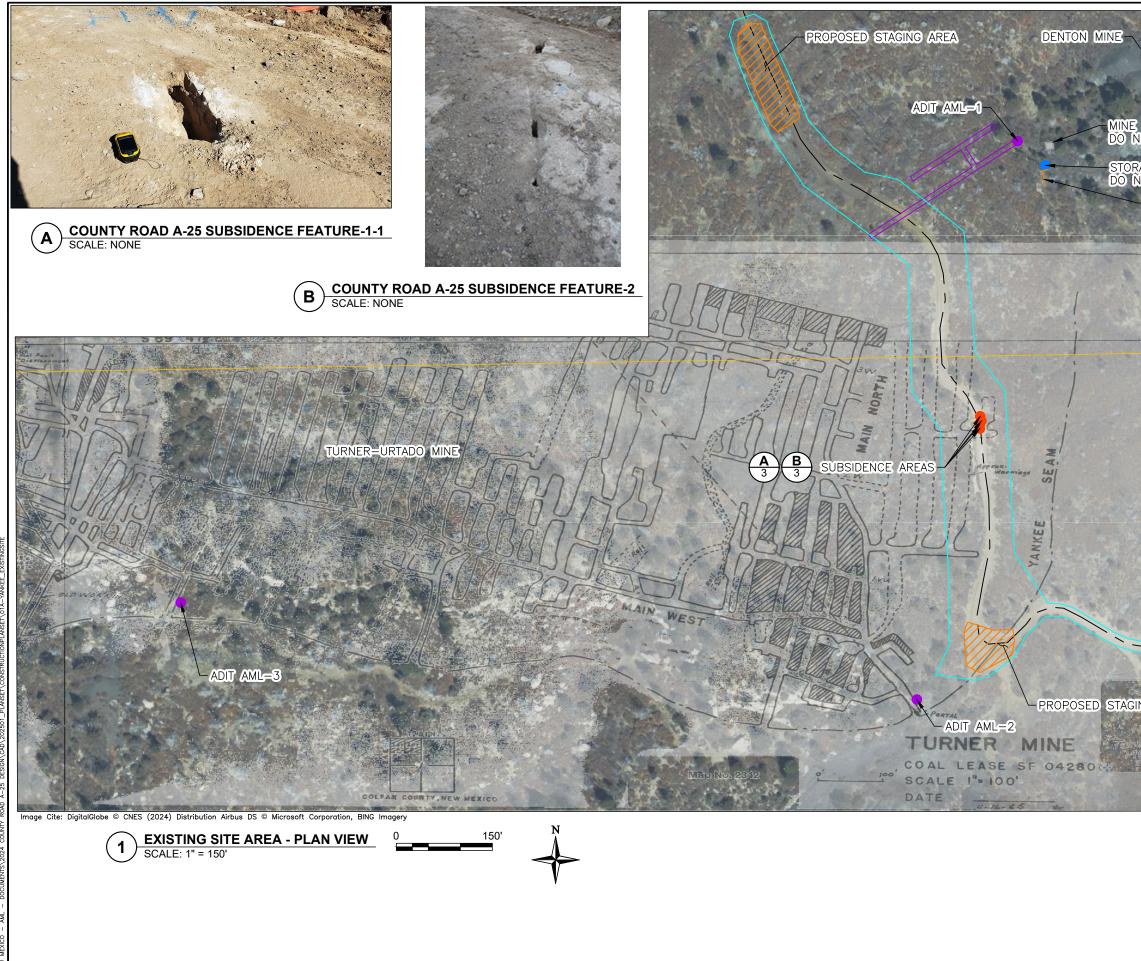


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	LS	1
	LF	210
	LF	2730
	LF	1368
	PER	19
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	- NEW MEXICO ABANDONED MINE LAND PROGRAM	Laranne, wyoning ozor o www.trihydro.com		REV. DATE	TE DESCRIPTION	ВΥ	BY CHK'D
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NOTES:

- 1. THE PLANS INCLUDE 42 DRILLED BOREHOLES, WITH A SPACING OF 10-20 FEET APART NEAR THE SUBSIDENCE FEATURES, MINE MAP FEATURES, AND HISTORIC DENTON MINE WORKINGS AND 30 FEET APAR DRILLING WILL HAPPEN ALONG APPROXIMATELY 810 FEET OF THE A-25 ROAD ALIGNMENT.
- 2. THE CONTRACTOR SHALL SURVEY ALL BOREHOLE LOCATIONS PRIOR TO DRILLING. THE DRILL HOLE SPACING SHOWN ON THE PLANS MAY BE ADJUSTED BY THE ENGINEER BASED ON THE SUBSURFACE CO ADJUST THE BORING LOCATIONS TO BETTER PREDICT VOID SPACES BASED ON HOW THE VOID FINDINGS CORRESPOND TO THE MINE MAP, AND THE ENGINEER MAY ADJUST THE BORING LOCATIONS TO E SUBSIDENCE AREA. DRILL HOLE LOCATIONS MAY BE ADDED OR ELIMINATED BY THE ENGINEER.
- 3. THE DEPTH OF DRILLING WILL INCREASE MOVING NORTH ALONG A-25. THE PROJECTED DEPTHS TO MINE WORKINGS ARE APPROXIMATE. THE CONTRACTOR SHALL PROVIDE DRILLING EQUIPMENT THAT IS 200 FEET.
- THE CONTRACTOR SHALL PROVIDE CUTTINGS SAMPLES VIA AIR RETURN AT 5 FOOT INCREMENTS FROM THE GROUND SURFACE THROUGH THE FULL DEPTH OF THE HOLE, OR UNTIL CIRCULATION IS LOST 4. THAT THE CUTTINGS SAMPLES ARE REPRESENTATIVE OF THE 5 FOOT INCREMENT THEY ARE COLLECTED FOR. THE ENGINEER SHALL SHALL CREATE A SUBSURFACE PROFILE BY LOGGING THE DRILL CUT 5. THE CONTRACTOR SHALL DRILL THROUGH THE MINE WORKINGS HORIZON AS DETERMINED BY THE ENGINEER AND A MINIMUM OF 5 FEET BELOW THE MINE FLOOR.
- 6. THE DOWNHOLE CONDITIONS ENCOUNTERED BY DRILL HOLES SHALL BE CATEGORIZED BY THE ENGINEER AS: ABANDONED (THE DRILL HOLE WAS NOT DRILLED TO COMPLETION), PILLAR (THE DRILL HOLE TARGET COAL SEAM), OR VOID FILL (THE DRILL HOLE ENCOUNTERED RUBBLE OR OPEN VOID SPACE).
- APPROXIMATELY 3,000 LINEAR FEET OF DRILLING IS EXPECTED. 7.
- FINAL LOCATION OF BOREHOLES WILL BE RECORDED BY THE CONTRACTOR WITH GPS EQUIPMENT CAPABLE OF SUB-METER ACCURACY. 8
- 9. BOREHOLES COMPLETED WITH 10-FOOT SPACING WILL BE DRILLED AND GROUTED EVERY OTHER PLANNED BOREHOLE WITH THE SKIPPED BOREHOLES COMPLETED THE FOLLOWING DAY.

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TON MINE UNDERGROUND RKINGS (MAPPED BY BCI)	DRAWN BY: BB		CHECKED BY: CT	DATE: 04/47/2025	UALE: 01/11/2023	SCALE: 1" = 200'		FILE: 01A-YANKEE_PROPLOCS-202412
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PROPOSED STAGING AREAS					COUNTY ROAD A-25 SUBSIDENCE MITIGATION PROJECT,	EMNRD-MMD-2025-04	NEW MEXICO ABANDONED MINE LAND PROGRAM	COLFAX COUNTY, NEW MEXICO
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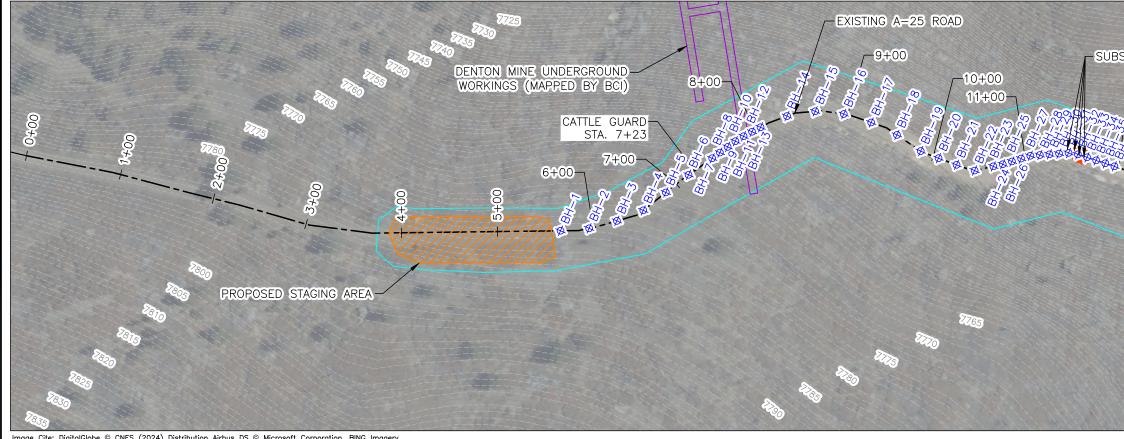
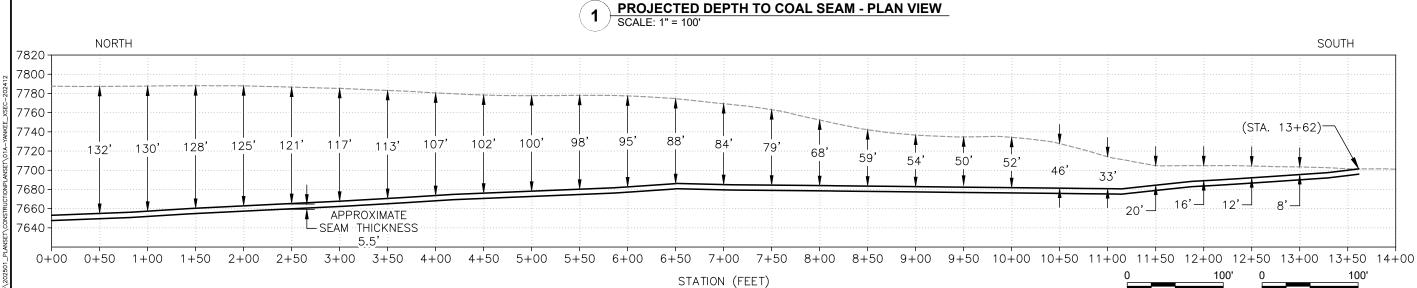


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NOTES:

THE PROJECTED DEPTHS TO MINE WORKINGS ARE AN APPROXIMATION BASED ON THE COAL SEAM OUTCROPPINGS AND A REVIEW OF HISTORIC DOCUMENTS AND MAY DIFFER FROM THE ENCOUNTERED SUBSURFACE CONDITIONS.

FEATURE

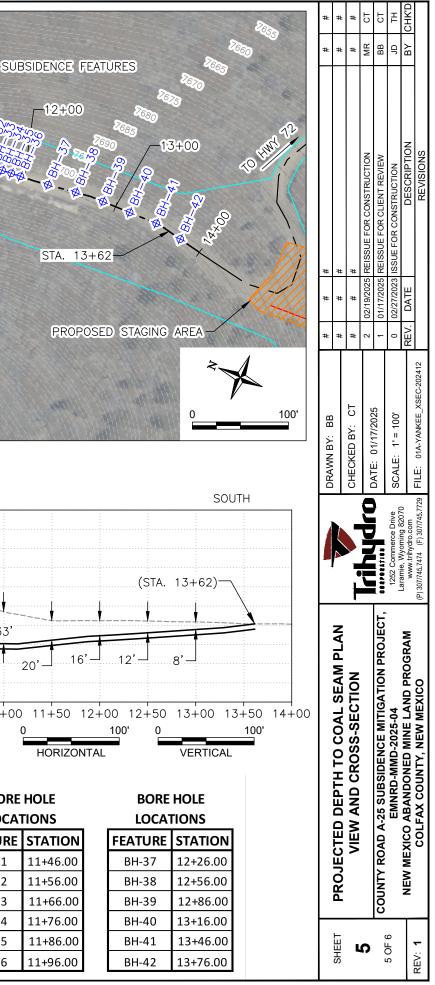
ONLY A PORTION OF THE DRILLED BOREHOLES ARE EXPECTED TO ENCOUNTER RUBBLE OR VOID SPACE DUE TO THE ROOM AND PILLAR DESIGN OF THE MINE AND UNCERTAINTY ABOUT THE EXACT POSITION AND ORIENTATION OF THE MINE WORKINGS. THE ACTUAL NUMBER AND SPACING OF BORINGS MAY BE MODIFIED BY THE ENGINEER DEPENDING ON CONDITIONS ENCOUNTERED DURING THE WORK. AMONG OTHER CONSIDERATIONS, THE ENGINEER MAY ADJUST THE BORING LOCATIONS TO BETTER PREDICT VOID SPACES BASED ON HOW PREVIOUS FINDINGS CORRESPOND TO THE MINE MAP. THE PROJECT ENGINEER MAY ADJUST THE BORING LOCATIONS TO ENSURE ADEQUATE PROTECTION OF THE ACTIVE SUBSIDENCE AREA.

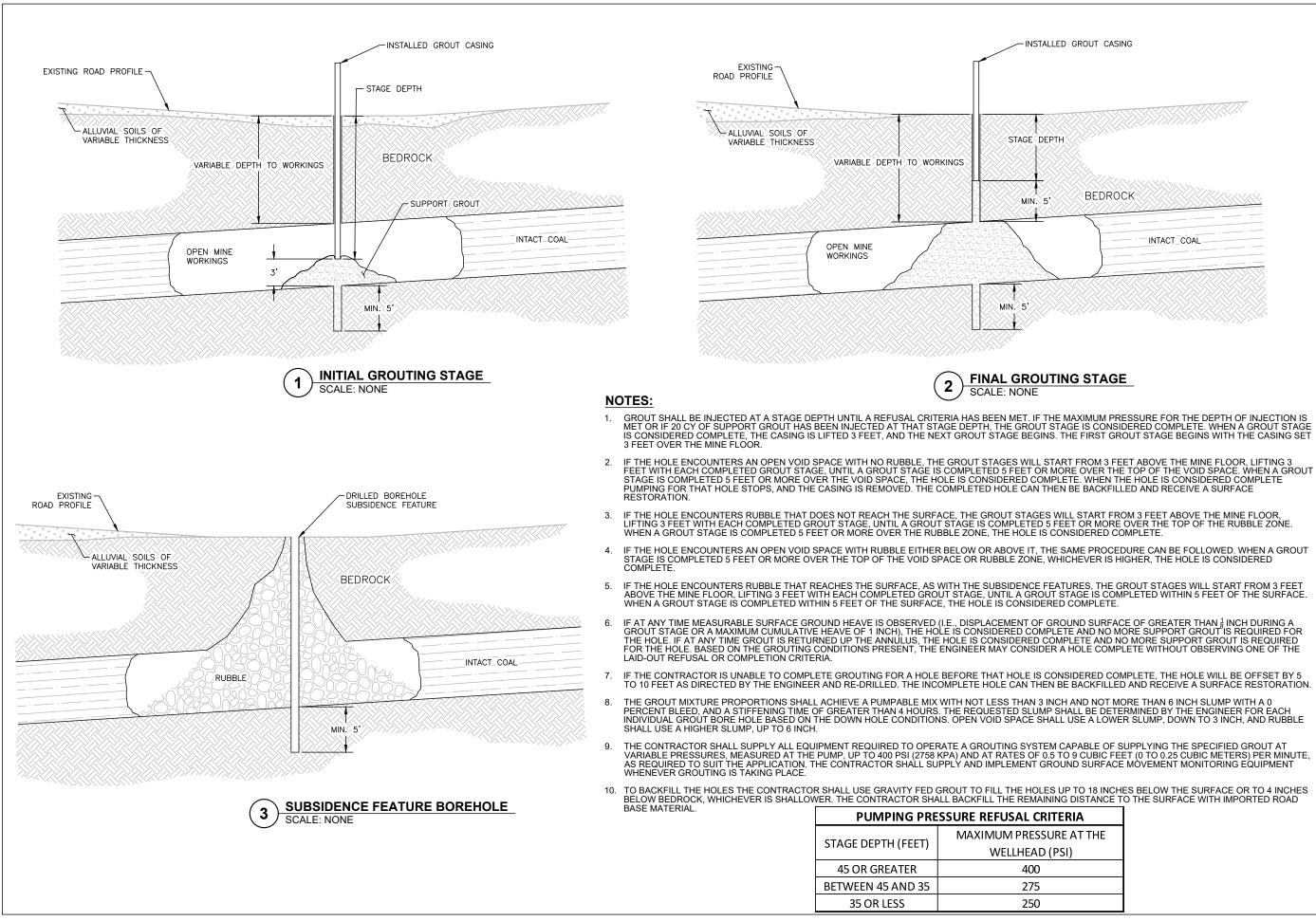
STATION	(FEET)	

PROJECTED DEPTH TO COAL SEAM - CROSS-SECTION 2

SCALE: H: 1' = 100' V: 1" = 100'

BORE	HOLE TIONS	BORE LOCA	HOLE FIONS	BORE LOCA		BORE LOCA	HOLE FIONS		HOLE FIONS	BORE LOCA ⁻	
ATURE	STATION	FEATURE	STATION	FEATURE	STATION	FEATURE	STATION	FEATURE	STATION	FEATURE	STAT
BH-1	5+66.00	BH-7	7+46.00	BH-13	8+06.00	BH-19	9+86.00	BH-25	10+86.00	BH-31	11+4
BH-2	5+96.00	BH-8	7+56.00	BH-14	8+36.00	BH-20	10+06.00	BH-26	10+96.00	BH-32	11+5
BH-3	6+26.00	BH-9	7+66.00	BH-15	8+66.00	BH-21	10+26.00	BH-27	11+06.00	BH-33	11+6
BH-4	6+56.00	BH-10	7+76.00	BH-16	8+96.00	BH-22	10+46.00	BH-28	11+16.00	BH-34	11+7
BH-5	6+86.00	BH-11	7+86.00	BH-17	9+26.00	BH-23	10+66.00	BH-29	11+26.00	BH-35	11+8
BH-6	7+16.00	BH-12	7+96.00	BH-18	9+56.00	BH-24	10+76.00	BH-30	11+36.00	BH-36	11+9





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