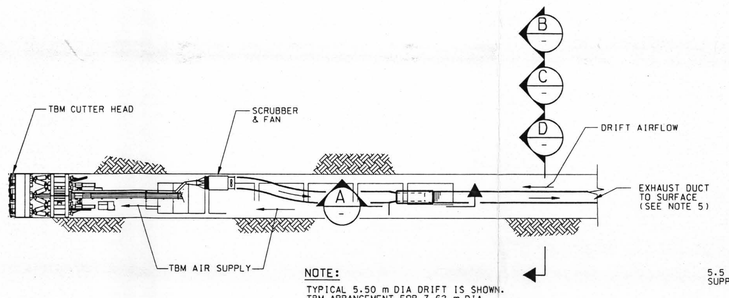
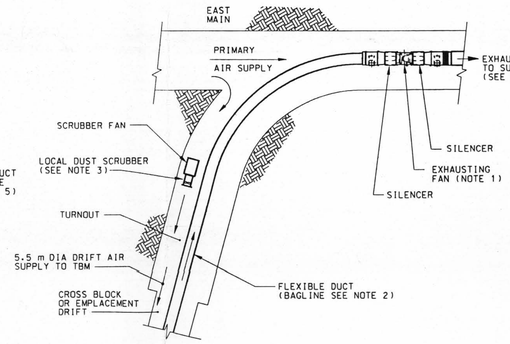
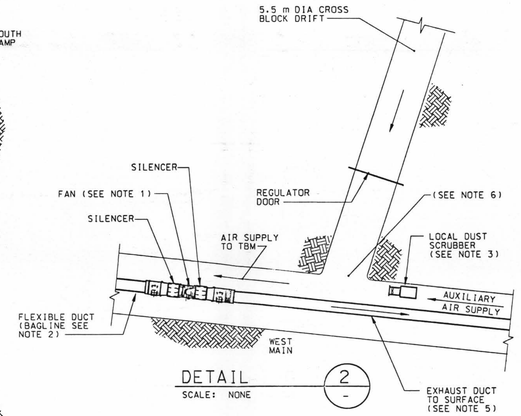


NOTE:
TYPICAL 5.50 m DIA DRIFT IS SHOWN. TBM ARRANGEMENT FOR 7.62 m DIA DRIFT IS SIMILAR.

TBM - PLAN
SCALE: NONE



DETAIL 1
SCALE: NONE



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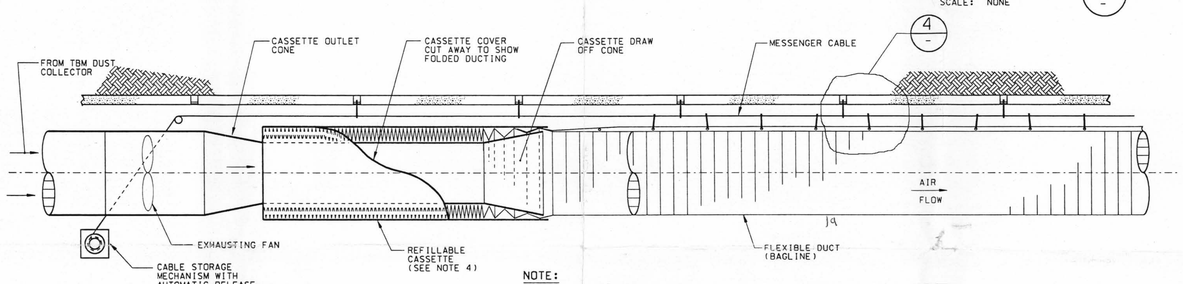
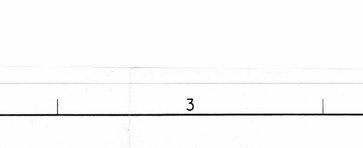


NOTE:
TYPICAL 72" DIA FLEXIBLE DUCT IS SHOWN 54" DIA FLEXIBLE DUCT IS SIMILAR.

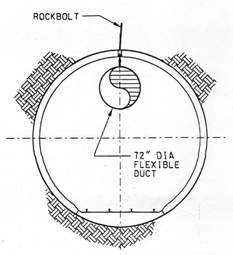
SECTION A
SCALE: NONE



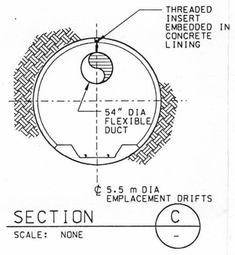
DETAIL 3
SCALE: NONE

NOTES:

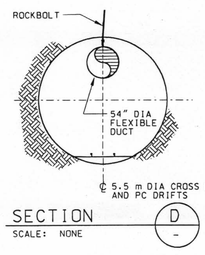
1. AXIAL FANS WILL BE INSTALLED AS NEEDED. SPECIFIC FAN LOCATION IS TBD.
2. FLEXIBLE DUCT IS INSTALLED FOLLOWING THE ADVANCING TBM.
3. LOCAL DUST SCRUBBERS INSTALLED ALONG DRIFT AS NEEDED.
4. TROMBONE AS ALTERNATIVE FOR DISPENSING RIGID DUCT IS NOT SHOWN.
5. THIS DESIGN WAS ORIGINALLY PRESENTED USING A FLOW-THROUGH VENTILATION SYSTEM. SEE BCAJ00000-01717-2700-86002 REV. 00. THE DETAILS DEPICTING THE USE OF AN EXHAUSTING DUCT VENTILATION SYSTEM ARE EXPLAINED IN THE DESIGN ANALYSIS "VENTILATION NEEDS DURING CONSTRUCTION - BCAJ00000-01717-0200-00001 REV. 00". DUCTED EXHAUST ARRANGEMENT IS ALSO SHOWN IN DRAWINGS 86030, 86031, 86032 AND 86033.
6. INTERSECTION SHOWS THE INITIAL CONFIGURATION WHEN THE TBM DRIVING THE WEST MAIN DRIFT PASSED THE CROSS BLOCK DRIFT. FINAL CONFIGURATION OF CROSS BLOCK TURNOUT IS NOT SHOWN.



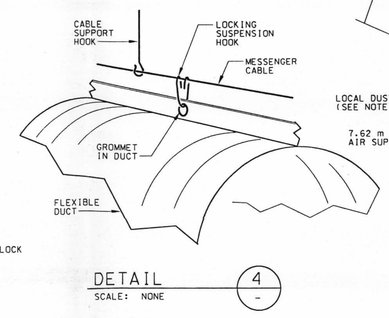
SECTION B
SCALE: NONE



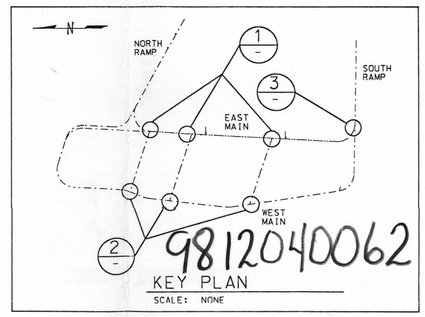
SECTION C
SCALE: NONE



SECTION D
SCALE: NONE



DETAIL 4
SCALE: NONE



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KEY PLAN
SCALE: NONE

THIS DRAWING IS PRELIMINARY AND NOT INTENDED FOR CONSTRUCTION, PROCUREMENT OR FABRICATION.

DESIGN INPUTS
SEE DRAWING INPUTS LIST

APERTURE CARD

REV	DESCRIPTION	DATE	DRN	ORG	CHK	VER	L.D.E.	D.A.	D.M.
00	INITIAL ISSUE	7/29/98		RSS	JB	N/A	RSS	N/A	

APPROVALS	INITIAL/DATE
DRAWN: J OLSEN	7/29/98
ORIGINATOR: R JURANI	RSJ 7/29/98
CHECKED: J BEESLEY	JB 7-29-98
VERIFICATION: N/A	N/A
LEAD DESIGN ENGINEER: R SAUNDERS	RSS 7-29-98
QUALITY ASSURANCE: N/A	N/A
DEPARTMENT MANAGER: K BHATTACHARYYA	7/29/98

U.S. DEPARTMENT OF ENERGY
Yucca Mountain Site Characterization Project
M&O Civilian Radioactive Waste Management System MANAGEMENT & OPERATING CONTRACTOR

REPOSITORY DESIGN
SUBSURFACE VENTILATION
TBM
DUCTED EXHAUST ARRANGEMENT

SIZE	DOCUMENT IDENTIFIER	C1 IDENTIFIER	DRAWING NO.	REV
D	BCAJ00000-01717-2700-86027			00
SCALE: NONE	QA CLASSIFICATION: N/A	N.B.S.: 1.2.4	CAD FILE: R1HVACSS:86027	

CAGE CODE:

RECORD DESIGNATOR QA:N/A

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