



December 15, 2003

03-RF-01822

Gary Morgan, Director
Quality Programs
DOE, RFFO

TRANSMITTAL OF CLOSE-OUT REPORT FOR TRAILER T117A -- FEG-041-03

Attached is the Closeout Report for the Type 1 facility Trailer T117A. Please note that a copy of the report has been submitted to the CERCLA AR by the Kaiser-Hill RISS project

Please contact Steve Nesta x6386 with questions or concerns

A handwritten signature in cursive script that reads 'Frank E. Gibbs'.

Frank E Gibbs
Deputy Project Manager
Remediation, Industrial D&D, and Site Services

Attachment
As Stated

SMN:pvt

Orig and 1 cc - Gary Morgan

cc
Joe Legare

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Type 1 Facility Closeout Report

Section A. Facility Data	
Facility No	Trailer T117A
Facility Descriptor	Office Trailer
Project	Area 5 Group 1 Closure Project
Date of Demolition	October 22, 03 through December 3, 03
Additional Information.	See Attached
<i>(Must include information on environmental releases and conditions of site at turnover to Environmental Restoration)</i>	

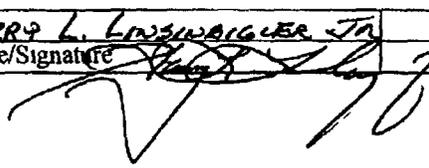
Section B. Final Characterization Data	
Reconnaissance Level Characterization Report <i>(concurrence received)</i>	Reconnaissance Level Characterization Report (RLCR) for Building T117A – Concurrence, Steven H Gunderson to Richard DiSalvo, dated March 14, 2003
In-process Characterization	N/A
Pre-Demolition Survey Report <i>(approval received)</i>	N/A
Post-Demolition Survey Report <i>(as necessary)</i>	N/A

Section C. Waste Data (complete categories as appropriate)	
Sanitary Disposal	
Disposal Site	Republic Front Range Landfill, Erie, CO
Waste Volume (m ³)	2125 6
Waste Weight (tons)	536 5
Additional Information	Demolition debris Material shipped 10/29/03 through 11/03/03
Sanitary Disposal	
Disposal Site	BFI 93 Landfill, Jefferson County, CO
Waste Volume (m ³)	76 5
Waste Weight (tons)	51 3
Additional Information	Concrete Material shipped 11/06/03
Sanitary Disposal	
Disposal Site	BFI Landfill, Jefferson County, CO and Republic Front Range Landfill, Erie, CO
Waste Volume (m ³)	1665
Waste Weight (tons)	1295 7
Additional Information	Asphalt Material shipped 10/06/03 through 11/18/03
Hazardous Disposal	
Disposal Site	
Waste Volume (m ³)	N/A
Additional Information.	
TSCA Waste Disposal	
Disposal Site	
Waste Volume (m ³)	N/A
Additional Information	
Asbestos Waste Disposal	
Disposal Site	
Waste Volume (m ³)	N/A
Additional Information	
Low-Level Waste Disposal	
Disposal Site	
Waste Volume (m ³)	N/A
Additional Information	

Type 1 Facility Closures Report

Low-Level Mixed Waste Disposal	
Disposal Site	
Waste Volume (m³)	N/A
Additional Information	
Recycled Material	
Recycle Facility	
Waste Volume (m³)	N/A
Additional Information	
Property Disposition	
Receiver Locations (major items only)	
Volume (m³)	
Weight (tons)	N/A
Additional Information	

Section D Approvals		
Kaiser-Hill Project Manager	HARRY L. LEWISBAIGER JR	
	Name/Signature	Date


12/12/03

Type 1 Facility Closeout Report

Historical Information

Trailer T117A has historically been used as a general office trailer. Trailer T117A has housed organizations such as DOE, Worldwide Security, KH legal, and KH Strategic planning and Integration. T117A has never housed hazardous or radiological operations.

Dates and duration of specific activities are shown below.

- CDPHE RLCR concurrence March 14, 2003
- Demolition permit application to CDPHE/Asbestos Unit October 6, 2003
- CDPHE demolition approval notice October 10, 2003
- Demolition start date 10/22/03
- Demolition completion date 12/03/03

Building Characterization.

Reconnaissance Level Characterization (RLC) was performed to enable facility "Typing" per the DPP (10/8/98) and compliant disposition and waste management of the Area 5, Group facilities (i.e., 115, 116 and T117A). Because Trailer T117A was anticipated Type 1 facility, the characterization was performed in accordance with the Pre-Demolition Survey Plan (MAN-127PDSP) requirements. All facility surfaces were characterized and the data reported in the RLC report, including the interior and exterior surfaces (i.e., floor, walls, ceiling and roof).

RLC encompassed both radiological and chemical characterization to enable compliant disposition and waste management pursuant to the D&D characterization Protocol (MAN-077-DDCP). The characterization was built upon physical, chemical and radiological hazards identified in the facility-specific Historical Site Assessment report.

Results indicate no radiological contamination exists in excess of the PDSP unrestricted release limits of DOE Order 5400.5. All beryllium sample results were less than $0.1 \mu\text{g}/100\text{cm}^2$. Bulk samples of building materials suspected of containing asbestos were "None Detected". All construction debris and concrete was free released and disposed as sanitary waste.

Physical Description:

Trailer T117A was a 15,400 square-foot general field office trailer and was acquired in 1991. This modular trailer was approximately 120-feet wide by 130-feet long and was located southwest of Building 115. T117A was corrugated metal siding with corrugated metal skirting. The entrances were wooden stairs leading to a wooded enclosure.

The interior was primarily a cubical layout, but had several hard-walled offices, conference rooms, and restrooms. Interior walls were wallboard, the ceiling is a drop ceiling with acoustical tiles and recessed lights. The floor is primarily covered with carpet except in the bathrooms and dock entranceways, which are covered with vinyl tile.

Trailer T117A had the following utilities: electrical, plant water, plant sanitary, and fire protection was provided by an overhead sprinkler system and wall mounted fire extinguishers.

Type 1 Facility Closeout Report

Description of Site Condition at End of Decommissioning

D&D of the building consisted of the demolition of the structure, HVAC system, sprinkler system, electrical conduit, lighting, ductwork systems, and mechanical room equipment – hot water heaters, piping and conduit RCRA components (i.e., mercury lights bulbs, PCB ballasts, mercury switches, electronic equipment and circuit boards) were segregated from non-hazardous materials and removed prior to demolition

Environmental media beneath and surrounding the facility was not within the scope of this Project and will be addressed at a future date under the scope of the ER RSOP, if required. However, no remedial action is planned. Final contouring of the trench located east of the building is being evaluated. The large culvert located northeast of T117A was removed. Asphalt parking lots and driveways around T117A were removed. The concrete pads located at the entrances to the trailer and the trailer concrete tie-downs and caissons were removed. All debris was removed and the site graded.

Potable water lines were air gapped at the mains. The domestic and fire water lines under the trailer were air gapped at grade. The remaining water lines between the mains and the trailer were abandoned. All valves and fire hydrants were removed to 4 feet below grade. Sanitary sewer line was flushed and plugged at manhole MH-163 located north of Trailer T117A and manhole MH-75 located south of Trailer 371C. The sanitary sewer line, 7 feet below grade, was abandoned. Electric service was provided through power poles located southwest of the trailer, to an underground line entering the trailer from the south. The power poles were removed and the wires pulled from the conduit. The conduit remains in place 3 feet below grade. Conduit for telephone, fiber optic, local area network, and alarm system lines between T117A and Building 116 and south of T117A were stripped of wires and the conduit abandoned 3 feet below grade.

See attached maps for location of the electric line, potable water line, manholes, sanitary sewer line, and communication and alarm system lines.

Additional Information:

Listed below are the databases that provide the administrative controls for waste package and area information, chemical management, storage tank management, and RISS environmental compliance tracking. Applicable databases were updated to reflect the status of the building at the time of demolition/removal.

- Waste and Environmental Management System (WEMS),
- Chemical Tracking System (CTS),
- Tank Management System, and
- Environmental Compliance Action Tracking System (ECATS)



December 15, 2003

03-RF-01823

Gary Morgan, Director
Quality Programs
DOE, RFFO

TRANSMITTAL OF CLOSE-OUT REPORT FOR BUILDING 116 -- FEG-042-03

Attached is the Closeout Report for the Type 1 facility Building 116 Please note that a copy of the report has been submitted to the CERCLA AR by the Kaiser-Hill RISS project

Please contact Steve Nesta x6386 with questions or concerns

Frank E Gibbs
Deputy Project Manager
Remediation, Industrial D&D, and Site Services

Attachment
As Stated

SMN pvt

Orig and 1 cc – Gary Morgan

cc
Joe Legare

Type 1 Facility Closeout Report

Section A Facility Data	
Facility No	Building 116
Facility Descriptor	Office Building
Project	Area 5 Group 1 Closure Project
Date of Demolition	October 20, 2003 through December 3, 2003
Additional Information	See Attached
<i>(Must include information on environmental releases and conditions of site at turnover to Environmental Restoration)</i>	

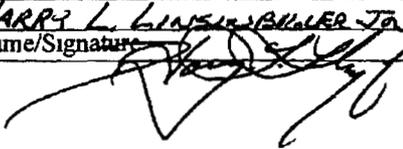
Section B Final Characterization Data	
Reconnaissance Level Characterization Report <i>(concurrence received)</i>	Reconnaissance Level Characterization Report (RLCR) for Building 116 – Concurrence, Steven H Gunderson to Richard DiSalvo, dated March 14, 2003
In-process Characterization	N/A
Pre-Demolition Survey Report <i>(approval received)</i>	N/A
Post-Demolition Survey Report <i>(as necessary)</i>	N/A

Section C Waste Data <i>(complete categories as appropriate)</i>	
Sanitary Disposal	
Disposal Site	Republic Front Range Landfill, Erie, CO
Waste Volume (m ³)	1376 3
Waste Weight (tons):	230 5
Additional Information	Demolition debris Material shipped 10/22/03 through 10/27/03
Sanitary Disposal	
Disposal Site	BFI 93 Landfill, Jefferson County, CO
Waste Volume (m ³)	1070 4
Waste Weight (tons)	1114 9
Additional Information	Concrete Material shipped 11/05/03 through 12/02/03
Sanitary Disposal	
Disposal Site	Republic Front Range Landfill, Erie, CO and BFI 93 Landfill, Jefferson County, CO
Waste Volume (m ³)	2035
Waste Weight (tons).	1584 4
Additional Information	Asphalt Material shipped 11/06/03 through 11/18/03
Hazardous Disposal	
Disposal Site	
Waste Volume (m ³)	N/A
Additional Information	
TSCA Waste Disposal	
Disposal Site	
Waste Volume (m ³)	N/A
Additional Information	
Asbestos Waste Disposal	
Disposal Site	
Waste Volume (m ³)	N/A
Additional Information	
Low-Level Waste Disposal	
Disposal Site	
Waste Volume (m ³)	N/A
Additional Information.	

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Type 1 Facility Closeout Report

Low-Level Mixed Waste Disposal	
Disposal Site	
Waste Volume (m³)	N/A
Additional Information	
Recycled Material	
Recycle Facility	
Waste Volume (m³)	N/A
Additional Information	
Property Disposition	
Receiver Locations (major items only)	
Volume (m³)	
Weight (tons)	N/A
Additional Information	

Section D Approvals		
Kaiser-Hill Project Manager	<i>HARRY L. GINSBURGER JR.</i>	
	Name/Signature	Date
		<i>12/12/03</i>

Type 1 Facility Closeout Report

Historical Information

Building 116 was a general office building and had housed operations such as DOE, ES&Q, Radiological Safety, Regulatory Compliance and RISS Project Management personnel. This building had never housed any hazardous or radiological operations.

Dates and duration of specific activities are shown below.

- CDPHE RLCR concurrence March 14, 2003
- Demolition permit application to CDPHE/Asbestos Unit October 6, 2003
- CDPHE demolition approval notice October 10, 2003
- Demolition start date 10/20/03
- Demolition completion date 12/03/03

Building Characterization

Reconnaissance Level Characterization (RLC) was performed to enable facility "Typing" per the DPP (10/8/98) and compliant disposition and waste management of the Area 5, Group facilities (i.e., 115, 116 and T117A). Because Building 116 was anticipated Type 1 facility, the characterization was performed in accordance with the Pre-Demolition Survey Plan (MAN-127PDSP) requirements. All facility surfaces were characterized and the data reported in the RLC report, including the interior and exterior surfaces (i.e., floor, walls, ceiling and roof).

RLC encompassed both radiological and chemical characterization to enable compliant disposition and waste management pursuant to the D&D characterization Protocol (MAN-077-DDCP). The characterization was built upon physical, chemical and radiological hazards identified in the facility-specific Historical Site Assessment report.

Results indicate no radiological contamination exists in excess of the PDSP unrestricted release limits of DOE Order 5400.5. All beryllium sample results were less than 0.1 $\mu\text{g}/100\text{cm}^2$. Bulk samples of building materials suspected of containing asbestos were "None Detected". All construction debris and concrete was free released and disposed as sanitary waste.

Physical Description:

Building 116 was a 16,700 square foot general office building. The building was steel-framed structure with metal siding mounted to the steel frame. Building 116 was constructed on a concrete pad and had an insulated metal roof mounted to steel trusses.

Building 116 had the following utilities: electrical, plant water, plant sanitary, natural gas and fire protection provided by an overhead sprinkler system and wall mounted fire extinguishers.

Description of Site Condition at End of Decommissioning:

D&D of the building consisted of the demolition of the structure, HVAC system, sprinkler system, electrical conduit, lighting, ductwork systems, and mechanical room equipment – hot water heaters, piping and conduit. RCRA components (i.e., mercury lights bulbs, PCB ballasts, mercury switches, electronic equipment and circuit boards) were segregated from non-hazardous materials and removed prior to demolition.

Type 1 Facility Closeout Report

Environmental media beneath and surrounding the facility was not within the scope of this Project and will be addressed at a future date under the scope of the ER RSOP, if required. However, no remedial action is planned. Final contouring of the trench grade is being evaluated.

Drainage around Building 116 was controlled by drainage ditches and three culverts. The largest culvert was located southeast of Building 116 supporting the roadway around the south end of the building. A second culvert was located northwest of the building supporting the parking lot entrance/exit. And, a third culvert was located east of the building main entrance supporting the walkway. All three culverts were removed. Asphalt parking lots and driveways around Building 116 were removed. All debris was removed and the site graded.

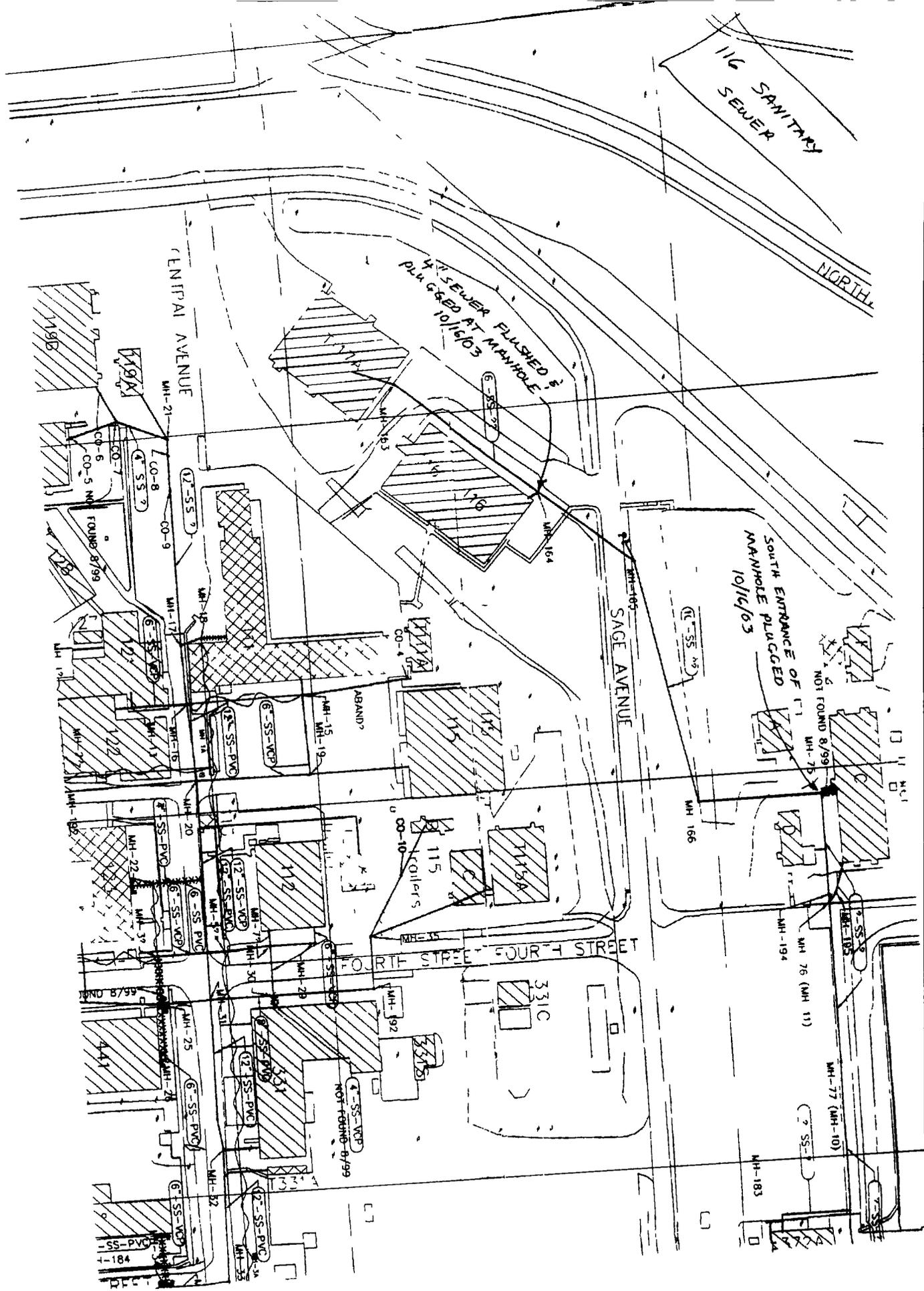
Potable water lines were air gapped at the mains. The remaining water lines between these mains and the building were abandoned. All valves and fire hydrants were removed to 4 feet below grade. Prior to the removal of the concrete slab, the domestic and fire water lines located northeast of the main entrance to the building was isolated 6 feet below grade. The natural gas line to the building was purged and abandoned. The natural gas line was air gapped above ground at the gas line main, northwest of Fourth Street and Sage Ave. Sanitary sewer line was flushed and plugged at manhole MH-163, southwest corner of T117A and manhole MH-75, located south of Trailer 371C. The sanitary sewer line was abandoned. Electric service entered the building through an underground line from the north. The wires were removed and the conduit abandoned. The remaining conduit is 3 feet below grade. Telephone, fiber optics, local area network and alarm system lines were stripped of wiring and the conduit abandoned. These lines enter from the north and south ends of the building. The remaining conduit is 3 feet below grade.

See attached maps for location of the potable water line, manholes, natural gas line, electrical line, sanitary sewer line, and communication and alarm system lines.

Additional Information

Listed below are the databases that provide the administrative controls for waste package and area information, chemical management, storage tank management, and RISS environmental compliance tracking. These databases were updated to reflect the status of the building at the time of demolition/removal.

- Waste and Environmental Management System (WEMS),
- Chemical Tracking System (CTS),
- Tank Management System, and
- Environmental Compliance Action Tracking System (ECATS)



116 SANITARY SEWER

NORTH

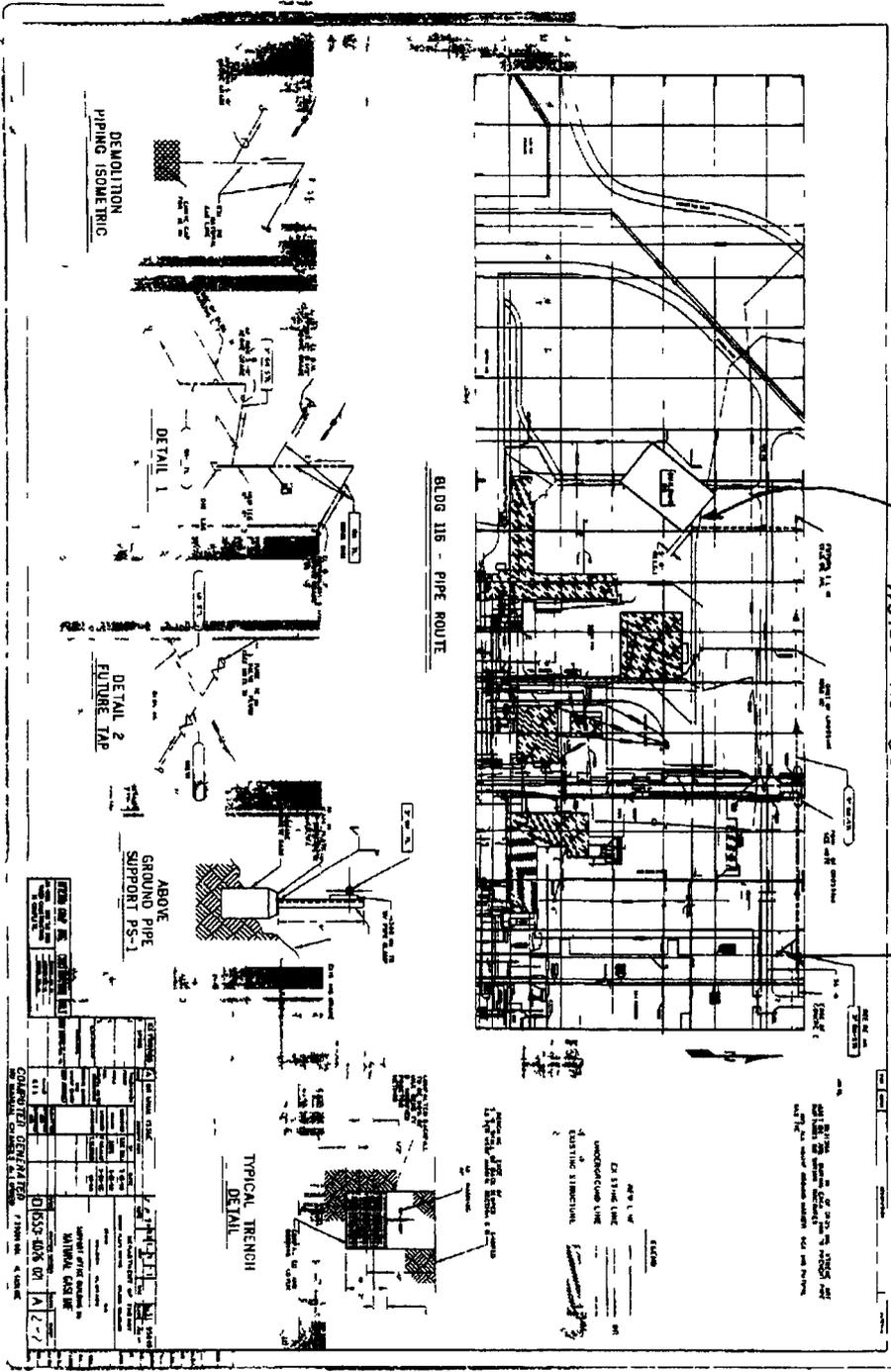
1/2" SEWER FLUSHED & PLUGGED AT MANHOLE 10/16/03

SOUTH ENTRANCE OF MANHOLE PLUGGED 10/16/03

SAGE AVENUE

FOURTH STREET

CENTRAI AVENUE



GAS LINE PURGED &
 ABANDONED IN PLACE
 12/2/02,
 REMOVED & BELOW
 GRADE NOV 03

3" GAS LINE AIR
 CAPPED ABOVE GROUND
 12/12/02

NATURAL GAS
 B116

DEMOLITION
 PIPING ISOMETRIC

DETAIL 1

DETAIL 2
 FUTURE TAP

ABOVE
 GROUND PIPE
 SUPPORT FS-1

TYPICAL TRENCH
 DETAIL

NO.	DESCRIPTION	DATE	BY	CHECKED
1	ISSUED FOR PERMIT	11/12/02	J. L. [unclear]	[unclear]
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3	REVISION	12/12/02	[unclear]	[unclear]
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