WASTEWATER STREAM CHARACTERIZATION FOR TA 3-28, 43, 97, 202, 221, 222, 288, 373, 469, 471, 484, 508, 510, 1559, 1566, 1569, 1573, 1574, 1588, 1589, 1690, 1725, 1792, 1793 AND 1794

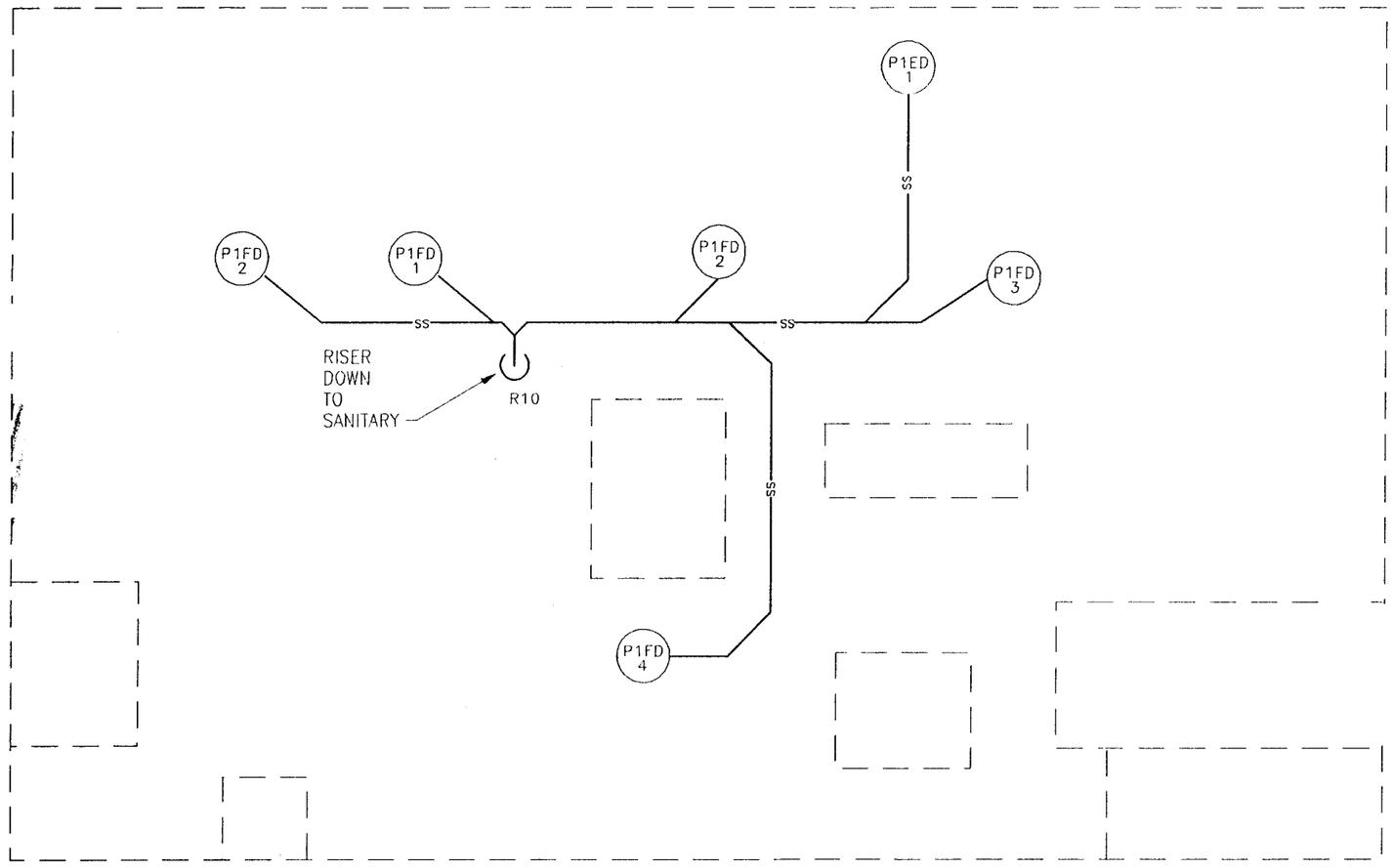
at
Los Alamos National Laboratory

ENVIRONMENTAL STUDY

CHARACTERIZATION REPORT # 59

ENVIRONME
Los Alam
Los Alam
15352
Y
45
nergy

Los Alamos
Los Alamos National Laboratory is operated by the University of Cali



LEGEND

ED	EQUIPMENT DRAIN
FD	FLOOR DRAIN
R	RISER
—SS—	SANITARY SEWER LINE

SANTA FE ENGINEERING, LTD.

TA 3-43 PENTHOUSE 1 DRAIN SCHEMATIC

DRAWN	RLP
DESIGN	RLP
CHECKED	LBA
DATE	6/22/93

SUBMITTED | RECOMMENDED | APPROVED

Los Alamos

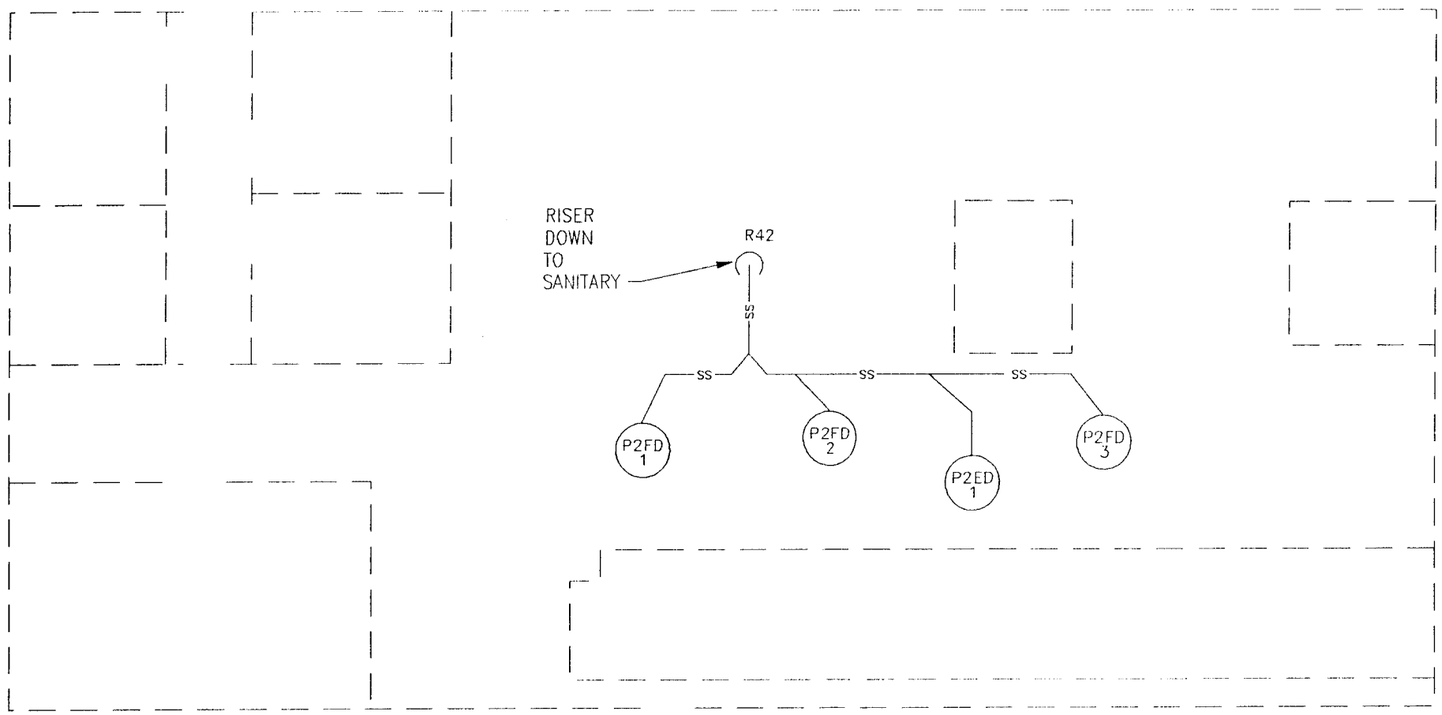
Los Alamos National Laboratory
Los Alamos, New Mexico 87545

SHEET / OF

CLASSIFICATION | REVIEWER | DATE

REQUESTING DIVISION | LAB JOB NO. | DRAWING NO. | REV.

REQUESTING GROUP EM-8 | 11056-59 | FIGURE 8



LEGEND

ED	EQUIPMENT DRAIN
FD	FLOOR DRAIN
R	RISER
—ss—	SANITARY SEWER LINE

SANTA FE ENGINEERING, LTD.

TA 3-43 PENTHOUSE 2

DRAIN SCHEMATIC

DRAWN	RLP
DESIGN	RLP
CHECKED	LBA
DATE	6/22/93

SUBMITTED | RECOMMENDED | APPROVED

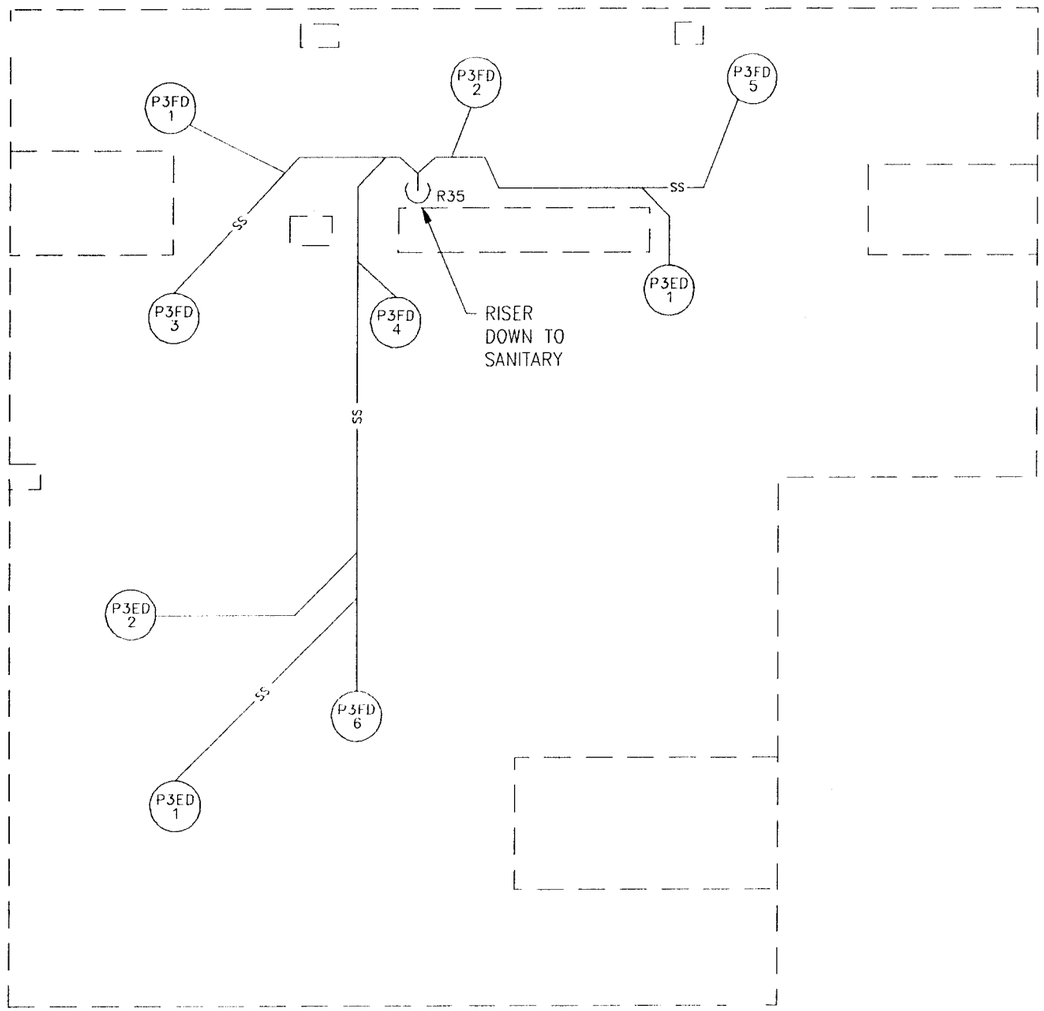
Los Alamos

Los Alamos National Laboratory
Los Alamos, New Mexico 87545

SHEET / OF

CLASSIFICATION | REVIEWER | DATE

REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP EM-8	11056-59	FIGURE 9	



LEGEND

ED	EQUIPMENT DRAIN
EW	EYE WASH
FD	FLOOR DRAIN
R	RISER
—ss—	SANITARY SEWER LINE

N

SANTA FE ENGINEERING, LTD.

TA 3-43 PENTHOUSE 3

DRAIN SUMMARY

DRAWN	PEB
DESIGN	PEB
CHECKED	LBA
DATE	6/22/93

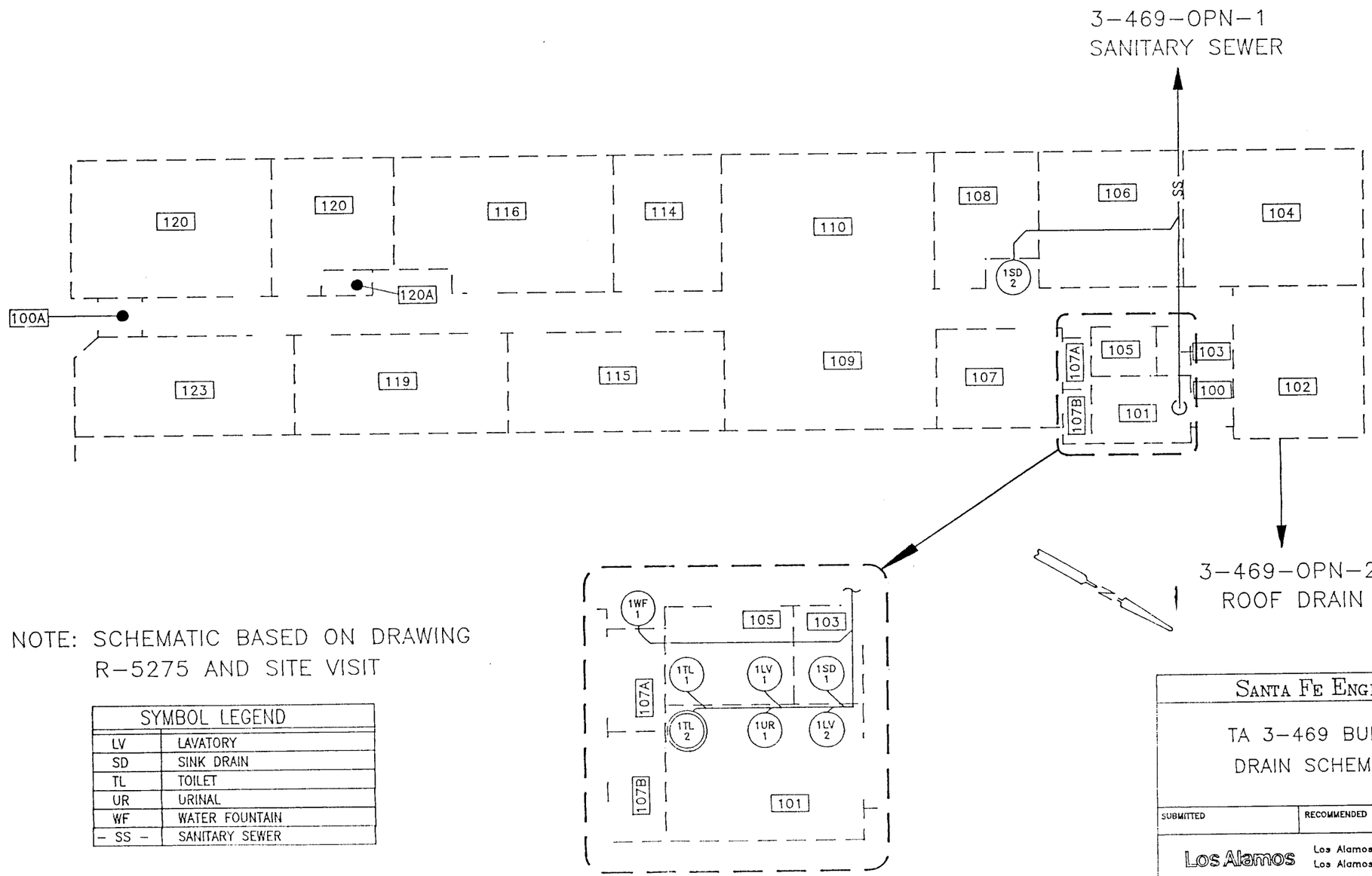
SUBMITTED | RECOMMENDED | APPROVED

Los Alamos — Los Alamos National Laboratory, Los Alamos, New Mexico 87545

SHEET ___ OF ___

CLASSIFICATION | REVIEWER | DATE

REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP EM-8	11056-59	FIGURE 10	



NOTE: SCHEMATIC BASED ON DRAWING R-5275 AND SITE VISIT

SYMBOL LEGEND	
LV	LAVATORY
SD	SINK DRAIN
TL	TOILET
UR	URINAL
WF	WATER FOUNTAIN
– SS –	SANITARY SEWER

○ – DYE TESTED DRAIN

SANTA FE ENGINEERING, LTD.

TA 3-469 BUILDING
DRAIN SCHEMATIC

DRAWN	PEB
DESIGN	PEB
CHECKED	LBA
RELEASED	
DATE	6/24/93

SUBMITTED | RECOMMENDED | APPROVED

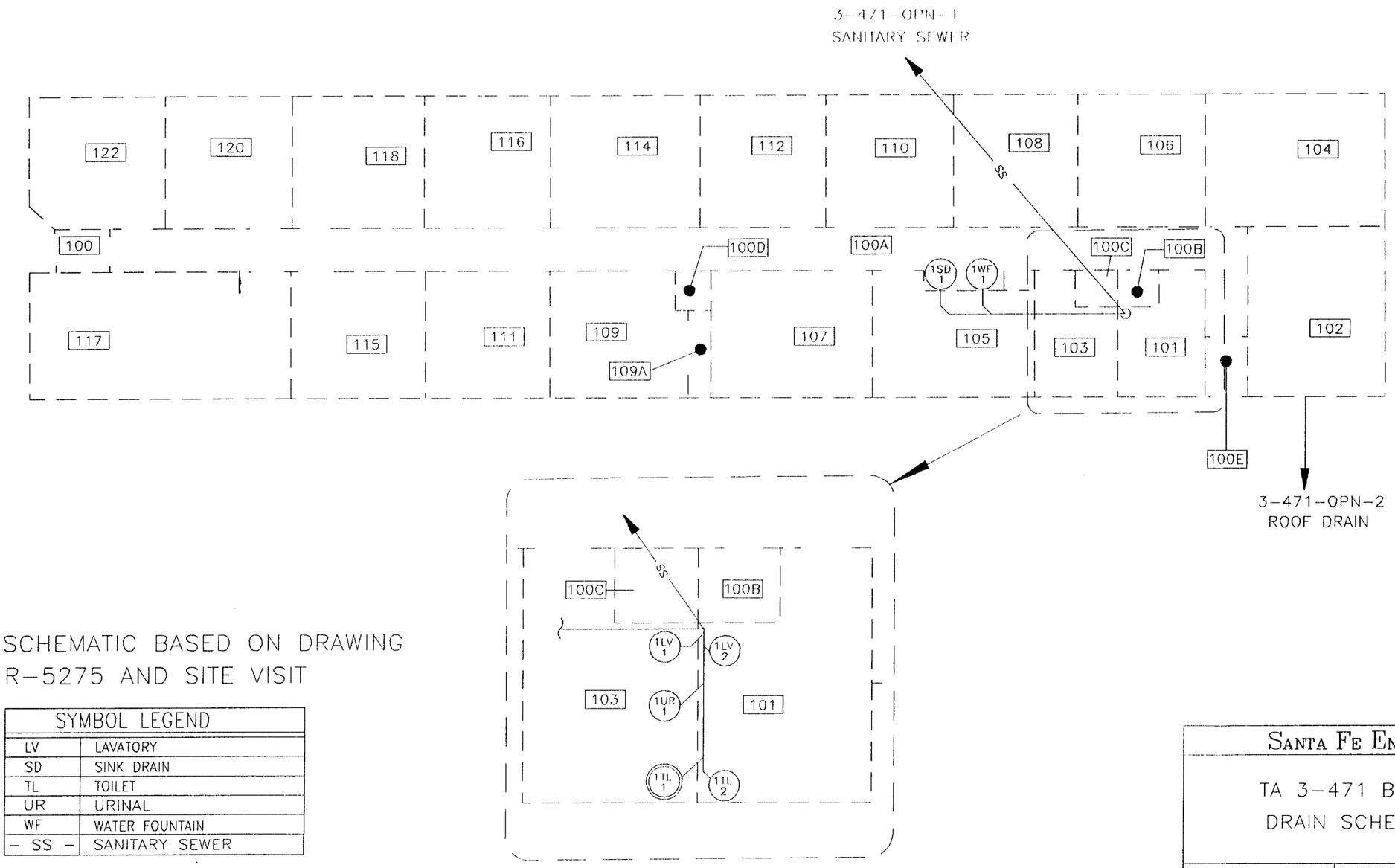
Los Alamos — Los Alamos National Laboratory, Los Alamos, New Mexico 87545

SHEET / OF

CLASSIFICATION | REVIEWER | DATE

REQUESTING DIVISION | LAB JOB NO. | DRAWING NO. | REV.

REQUESTING GROUP EM-8 | 11056-59 | FIGURE 14

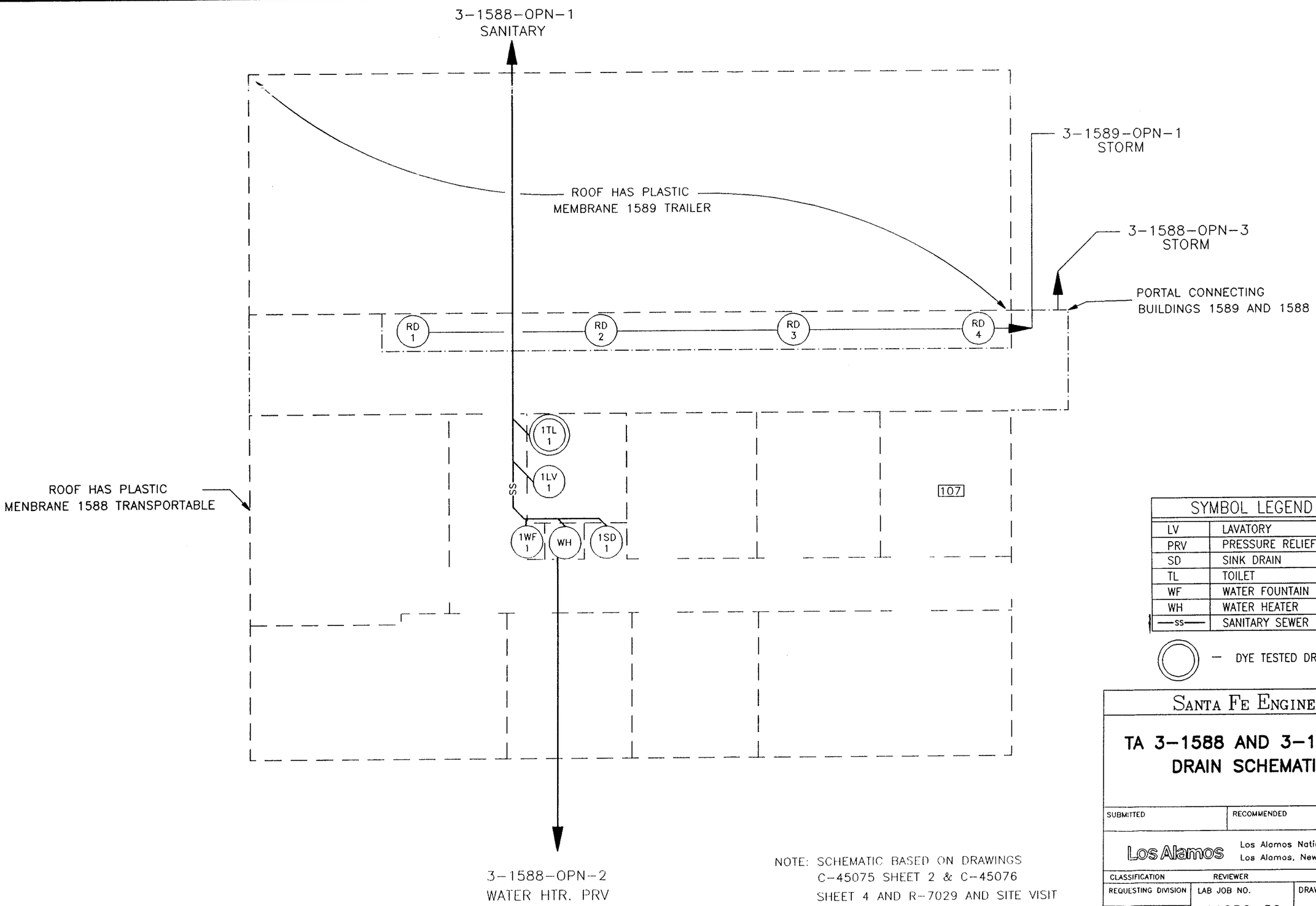


NOTE: SCHEMATIC BASED ON DRAWING R-5275 AND SITE VISIT

SYMBOL LEGEND	
LV	LAVATORY
SD	SINK DRAIN
TL	TOILET
UR	URINAL
WF	WATER FOUNTAIN
– SS –	SANITARY SEWER

◯ — DYE TESTED DRAIN

SANTA FE ENGINEERING, LTD.		
TA 3-471 BUILDING DRAIN SCHEMATIC	DRAWN	PEB
	DESIGN	PEB
	CHECKED	LBA
	RELEASED	
	DATE	2/23/93
SUBMITTED	RECOMMENDED	APPROVED
Los Alamos — Los Alamos National Laboratory, Los Alamos, New Mexico 87545	SHEET	OF
CLASSIFICATION	REVIEWER	DATE
REQUESTING DIVISION / REQUESTING GROUP EM-8	LAB JOB NO. 11056-59	DRAWING NO. FIGURE 15 — REV.



NOTE: SCHEMATIC BASED ON DRAWINGS C-45075 SHEET 2 & C-45076 SHEET 4 AND R-7029 AND SITE VISIT

SYMBOL LEGEND	
LV	LAVATORY
PRV	PRESSURE RELIEF VALVE
SD	SINK DRAIN
TL	TOILET
WF	WATER FOUNTAIN
WH	WATER HEATER
—SS—	SANITARY SEWER LINE

— DYE TESTED DRAIN

SANTA FE ENGINEERING, LTD.

TA 3-1588 AND 3-1589 DRAIN SCHEMATIC

DRAWN	DAH
DESIGN	PEB
CHECKED	LBA
RELEASED	
DATE	

SUBMITTED | RECOMMENDED | APPROVED

Los Alamos — Los Alamos National Laboratory, Los Alamos, New Mexico 87545

SHEET 1 OF 1

CLASSIFICATION | REVIEWER | DATE

REQUESTING DIVISION | LAB JOB NO. 11056-59 | DRAWING NO. FIGURE 22 | REV.

REQUESTING GROUP

WASTEWATER STREAM CHARACTERIZATION FOR TA 3-28, 43, 97, 202, 221, 222, 288, 373, 469, 471, 484, 508, 510, 1559, 1566, 1569, 1573, 1574, 1588, 1589, 1690, 1725, 1792, 1793 AND 1794

ENVIRONMENTAL STUDY

prepared for:
THE LOS ALAMOS NATIONAL LABORATORY
Los Alamos, New Mexico

under subcontract 9-XG8-2874P-1

by:
Santa Fe Engineering, Ltd.
1429 Second Street
Santa Fe, New Mexico 87505
(505) 988-7438

December, 1993

UPDATED PER ESH-8 COMMENTS MARCH 1994

EXECUTIVE SUMMARY

Buildings 28, 43, 97, 202, 221, 222, 288, 373, 469, 471, 484, 471, 484, 508, 510, 1559. 1566, 1569, 1573, 1574, 1588, 1589, 1690, 1725, 1792, 1793 and 1794 in TA-3 were visited to document all drain piping and to make permitting recommendations. The pipes exiting the building are as follows:

1) from building 3-28: two discharges to the sanitary sewer, two roof drains and two steam vents,

2) from building 3-43: five outfalls to the sanitary sewer, eleven roof drains, four fire water drains, one condensed water drain, one unpermitted outfall to daylight, one back flow preventer drain, one hot water heater vent, one disconnected conduit and one air conditioner condensate drain,

4) from building 3-97: one outfall to the sanitary sewer and one hot water heater vent,

5) from buildings 3-202, 221, 288, 373, 484, 1569, 1589, 1792, 1793 and 1794: no drains or outfalls,

6) from building 3-222: one roof drain,

7) from building 3-469: one discharge to the sanitary sewer and one roof drain,

8) from building 3-471: one discharge to the sanitary sewer and one roof drain,

9) from building 3-508: one discharge to the sanitary sewer, one vapor vent, one roof drain and two roof drains,

10) from building 3-510: one discharge to the sanitary sewer, one fire water drain, one steam vent, two roof drains, one EPA permitted (06A183) photo rinse water discharge to daylight and one chemical liquid waste discharge to a holding tank,

11) from building 3-1559: one discharge to the sanitary sewer, six fire water drains and eleven roof drains,

12) from building 3-1566: one discharge to the sanitary sewer and one air conditioner condensate drain,

13) from building 3-1573: one discharge to the sanitary sewer,

14) from building 3-1574: one discharge to the sanitary sewer,

15) from building 3-1588: one discharge to the sanitary sewer and one hot water heater vent,

16) from building 3-1589: two storm water discharges,

17) from building 3-1690: one discharge to the sanitary sewer, four fire water drains and four roof drains,

18) from building 3-1725: one discharge to the sanitary sewer.

A revised EPA Form 2C is included for the permitted outfall 06A183. A form 2D is also included for one unpermitted outfall. Recommendations for repiping are provided to permit outfall consolidation to minimize permit maintenance requirements. Floor drain plugging is recommended where potential for discharge of pollutants exists.

A waste stream database has been prepared listing waste water type and flow rate for each outfall.

TABLE OF CONTENTS

1.0 INTRODUCTION 1

2.0 FIELD INVESTIGATION 3

3.0 RECOMMENDATIONS FOR BUILDING 3-28 4

3.1 Outfalls 3-28-OPN-1 and 3-28-OPN-3 4
3.2 Outfalls 3-28-OPN-2 and 3-28-OPN-4 4
3.3 Outfalls 3-28-OPN-5 and 3-28-OPN-6 4

4.0 RECOMMENDATIONS FOR BUILDING 3-43 4

4.1 Outfalls 3-43-OPN-1, 3-43-OPN-4, 3-43-OPN-7, 3-43-OPN-9 and 3-43-OPN-16 5
4.2 Outfalls 3-43-OPN-2, 3-43-OPN-3, 3-43-OPN-5, 3-43-OPN-6, 3-43-OPN-8, 3-43-OPN-10, 3-43-OPN-11, 3-43-OPN-12, 3-43-OPN-13, 3-43-OPN-14 and 3-43-OPN-19 5
4.3 Outfalls 3-43-OPN-15, 3-43-OPN-20, 3-43-OPN-21, and 3-43-OPN-22 5
4.4 Outfall 3-43-OPN-17 6
4.5 Outfall 3-43-OPN-18 6
4.6 Outfall 3-43-OPN-23 6
4.7 Outfall 3-43-OPN-24 6
4.8 Outfall 3-43-OPN-25 6
4.9 Outfall 3-43-OPN-26 7

5.0 RECOMMENDATIONS FOR BUILDING 3-97 7

5.1 Outfall 3-97-OPN-1 7
5.2 Outfall 3-97-OPN-2 7

6.0 RECOMMENDATIONS FOR BUILDINGS 3-202, 221, 288, 373, 484, 1569, and 1589 7

7.0 RECOMMENDATIONS FOR BUILDING 3-222 8

8.0 RECOMMENDATIONS FOR BUILDING 3-469 8

8.1 Outfall 3-469-OPN-1 8
8.2 Outfall 3-469-OPN-2 8

9.0 RECOMMENDATIONS FOR BUILDING 3-471 8

9.1 Outfall 3-471-OPN-1 9
9.2 Outfall 3-471-OPN-2 9

10.0 RECOMMENDATIONS FOR BUILDING 3-508 9

10.1 Outfall 3-508-OPN-1 9
10.2 Outfall 3-508-OPN-2 9
10.3 Outfall 3-508-OPN-3 10
10.4 Outfalls 3-508-OPN-4 and 3-508-OPN-5 10

11.0 RECOMMENDATIONS FOR BUILDING 3-510 10

11.1 Outfall 3-510-OPN-1 10
11.2 Outfall 3-510-OPN-2 11
11.3 Outfall 3-510-OPN-3 11
11.4 Outfalls 3-510-OPN-4 and 3-510-OPN-5 11
11.5 Outfall 3-510-OPN-6 11
11.6 Outfall 3-510-OPN-7 12

12.0 RECOMMENDATIONS FOR BUILDING 3-1559 12

12.1 Outfall 3-1559-OPN-1 13
12.2 Outfalls 3-1559-OPN-2, 3-1559-OPN-3, 3-1559-OPN-4, 3-1559-OPN-5, 3-1559-OPN-6 and 3-1559-OPN-7 13
12.3 Outfall 3-1559-OPN-8, 3-1559-OPN-9, 3-1559-OPN-10, 3-1559-OPN-11, 3-1559-OPN-12, 3-1559-OPN-13, 3-1559-OPN-14, 3-1559-OPN-15, 3-1559-OPN-16, 3-1559-OPN-17 and 3-1559-OPN-18 13

13.0 RECOMMENDATIONS FOR BUILDING 3-1566 13

13.1 Outfall 3-1556-OPN-1 13
13.2 Outfall 3-1556-OPN-2 13

14.0 RECOMMENDATIONS FOR BUILDING 3-1573 14

14.1 Outfall 3-1573-OPN-1 14
14.2 Outfall 3-1573-OPN-2 14

15.0 RECOMMENDATIONS FOR BUILDING 3-1574 14

15.1 Outfall 3-1574-OPN-1 14
15.2 Outfall 3-1574-OPN-2 15

16.0 RECOMMENDATIONS FOR BUILDING 3-1588 15

16.1 Outfall 3-1588-OPN-1 15
16.2 Outfall 3-1588-OPN-2 15

17.0 RECOMMENDATIONS FOR BUILDING 3-1589 15

17.1 Outfall 3-1589-OPN-1 15
17.2 Outfall 3-1589-OPN-2 15

18.0 RECOMMENDATIONS FOR BUILDING 3-1690 16

18.1 Outfall 3-1690-OPN-1 16
18.2 Outfalls 3-1690-OPN-2, 3-1690-OPN-5, 3-1690-OPN-6 and 3-1690-OPN-7 16
18.3 Outfalls 3-1690-OPN-3, 3-1690-OPN-4, 3-1690-OPN-8 and 3-1690-OPN-9 16

19.0 RECOMMENDATIONS FOR BUILDING 3-1725 17

19.1 Outfall 3-1725-OPN-1 17
19.2 Outfall 3-1725-OPN-2 17

20.0 CONCLUSION 18

APPENDICES

Appendix 1 - DRAIN SUMMARY TABLES
Appendix 2 - WASTE STREAM CHARACTERIZATION DATABASE
Appendix 3 - EPA FORMS
Appendix 4 - DYE STUDY INFORMATION
Appendix 5 - DRAINS SCHEMATICS

LIST OF TABLES

1. ABBREVIATIONS
2. TA 3-28 DRAIN SUMMARY
3. TA 3-43 DRAIN SUMMARY
4. TA 3-97 DRAIN SUMMARY
5. TA 3-222 DRAIN SUMMARY
6. TA 3-469 DRAIN SUMMARY
7. TA 3-471 DRAIN SUMMARY
8. TA 3-508 DRAIN SUMMARY
9. TA 3-510 DRAIN SUMMARY
10. TA 3-1559 DRAIN SUMMARY
11. TA 3-1566 DRAIN SUMMARY
12. TA 3-1573 DRAIN SUMMARY
13. TA 3-1574 DRAIN SUMMARY
14. TA 3-1588 DRAIN SUMMARY
15. TA 3-1589 DRAIN SUMMARY
16. TA 3-1690 DRAIN SUMMARY
17. TA 3-1725 DRAIN SUMMARY
18. NON-DRAIN RECOMMMENDATIONS

LIST OF FIGURES

1. TA 3 AREA PLOT PLAN
2. TA 3-28 BUILDING DRAIN SCHEMATIC
3. TA 3-43 BASEMENT AND SUB-BASEMENT DRAIN SCHEMATIC
4. TA 3-43 FIRST FLOOR DRAIN SCHEMATIC
5. TA 3-43 SECOND FLOOR DRAIN SCHEMATIC
6. TA 3-43 THIRD FLOOR DRAIN SCHEMATIC
7. TA 3-43 FOURTH FLOOR DRAIN SCHEMATIC
8 TA 3-43 PENTHOUSE 1 DRAIN SCHEMATIC
9. TA 3-43 PENTHOUSE 2 DRAIN SCHEMATIC
10. TA 3-43 PENTHOUSE 3 DRAIN SCHEMATIC
11. TA 3-43 ROOF PLAN
12. TA 3-97 BUILDING DRAIN SCHEMATIC
13. TA 3-222 BUILDING DRAIN SCHEMATIC
14. TA 3-469 BUILDING DRAIN SCHEMATIC
15. TA 3-471 BUILDING DRAIN SCHEMATIC
16. TA 3-508 BUILDING DRAIN SCHEMATIC
17. TA 3-510 BUILDING DRAIN SCHEMATIC
18. TA 3-1559 BUILDING DRAIN SCHEMATIC
19. TA 3-1566 BUILDING DRAIN SCHEMATIC
20. TA 3-1573 BUILDING DRAIN SCHEMATIC
21. TA 3-1574 BUILDING DRAIN SCHEMATIC
22. TA 3-1588 AND 3-1589 BUILDING DRAIN SCHEMATIC
23. TA 3-1690 BUILDING DRAIN SCHEMATIC
24. TA 3-1725 BUILDING DRAIN SCHEMATIC

1.0 INTRODUCTION

During January, 1993, Rich Penney of Santa Fe Engineering (SFE) toured buildings 28, 43, 97, 202, 221, 222, 288, 373, 469, 471, 484, 508, 510, 1559, 1566, 1573, 1574, 1588, 1589, 1690, 1725, 1792, 1793 and 1794 in TA-3. Figure 1 is a plot plan of the buildings visited. The purpose of this study is to identify building drain piping and to characterize the waste water flows and sources at the time of the visit. This report will not reflect any subsequent changes in piping or operation. The Waste water Stream Characterization Policy of September 10, 1992 was followed for this study. The following tasks were performed for this purpose:

1. Building drains and all piping exiting the buildings were identified and laid out in schematic form;

2. Waste water sources were identified at each drain and the waste water was characterized according to flow rate and quality. The location of outfalls and their potential sources of discharge were determined. Potential pollutants were also noted;

3. Permit applications for discharges of clean water discharges were not prepared since these discharges do not require permitting at this time and

4. Potential problems were identified and recommendations were made for repiping, floor drain plugging and spill containment where deemed appropriate.

The field investigation proceeded by verifying drain schematic drawings prepared by SFE for the appropriate buildings (Figures 2 through 24) from drawings provided by Los Alamos National Laboratory (LANL) Facilities Engineering Division. The other buildings were visited to insure that no drains exist in the

buildings. The following process was used to define drain piping and characterize the waste water streams:

1. Laboratory engineering drawings were used to prepare the SFE drain piping schematic. The Solid Waste Stream Characterization conducted by IT Corporation was also reviewed. The National Pollutant Discharge System (NPDES) Permit, the 1990 NPDES Permit Application submitted by Los Alamos National Laboratory (LANL) in September, 1990 and the latest Federal Facilities Compliance Agreement (FFCA) between the Department of Energy (DOE) and the Environmental Protections Agency (EPA) and the Administrative Order (AO) Docket Number VI-92-1306 issued by EPA to the University of California were used for reference;

2. SFE verified drain piping by dye checking and

3. A site visit was performed to verify the SFE drain schematic and to identify potential outfall pipes exiting the building. The visit entailed a room by room inspection of waste water sources and drains. Interviews with site personnel were conducted to assist in waste stream characterization.

2.0 FIELD INVESTIGATION

The pipes exiting the building have been assigned an Outlet Piping Number. The four part number, sequentially, identifies the Technical Area where the pipe is located, the building from which the pipe discharges, the letters OPN to indicate that it is an outlet piping number and the unique number for the pipe. The piping exiting the building will be labeled for easy identification in the future.

Each drain has a unique identification number. Each number consists of three parts. The first part is the floor the drain is on. The second part has letters that indicate the drain type (abbreviations used are summarized in Table 1). The final part is a unique number for each drain. For example, the floor drain numbering on the first floor would start with 1FD1. The roof drains do not have the number identifying the floor such as RD1 for Roof Drain 1.

The function of each pipe exiting from buildings is listed in Appendix 1 in Tables 2 through 17 with an abbreviations list in Table 1. Appendix 2 contains the waste stream characterization database output, listing waste water sources, flow rates and periodicity information for each outfall drain. No EPA forms were included in Appendix 3. Appendix 4 provides information about the dye study of building drains. Flow schematics of the drains from each building are attached in Appendix 5 as Figures 2 through 24.

3.0 RECOMMENDATIONS FOR BUILDING 3-28

Table 2 is a list of the drains to the building outfalls and Figure 2 is a schematic of the piping. The table lists the drains that connect to the outfall pipe and includes recommendations for changes to the drain piping. The discussion below gives the reasoning for the recommendations.

3.1 Outfalls 3-28-OPN-1 and 3-28-OPN-3

Receives flow from (4) equipment drains, (4) floor drains, (4) sink drains, (7) lavatories, (7) toilets and (2) water fountains. These two outfalls then discharge to the sanitary sewer. It is recommended that sinks BSD1, BSD2, 1SD1 and 1SD2 be labeled "Sanitary Waste Only - No Chemical Disposal". No permitting is recommended. No EPA forms were prepared.

3.2 Outfalls 3-28-OPN-2 and 3-28-OPN-4

These two outfalls to daylight are from roof drains. No changes or permitting are recommended. No EPA forms were prepared.

3.3 Outfalls 3-28-OPN-5 and 3-28-OPN-6

These two outfalls to daylight are steam vents. These should be included in a Notice of Intent to Discharge (NOI). No changes are recommended. No EPA forms were prepared.

4.0 RECOMMENDATIONS FOR BUILDING 3-43

Table 3 is a list of the drains to the building outfalls and Figures 3 through 11 are schematics of the piping. The table lists the drains that connect to the outfall pipe and includes recommendations for changes to the drain piping. The discussion below gives the reasoning for the recommendations.

4.1 Outfalls 3-43-OPN-1, 3-43-OPN-4, 3-43-OPN-7, 3-43-OPN-9 and 3-43-OPN-16

These five outfalls receive flow from (9) area drains, (1) eye wash, (58) floor drains, (16) equipment drains, (8) floor sinks, (78) lavatories, (22) sink drains, (3) sump pumps, (1) trench drain, (75) toilets, (29) urinals and (39) water fountains which all discharge to the sanitary sewer. Area drains BAD1 through BAD9 and trench drain BTD1 are exterior to the building and receive rain water. The amount of rain water will be small but should be rerouted to a separate discharge to daylight. The sewer piping from BTD1 should be cleaned as this drain backs up during high storm water activity. It is recommended that floor sink 1FS1 (OPN-1), drains BFS1, BLV1, BSD2, BSD3, BSD4, 2SD1, 3SD1 and 3SD2 (OPN-4), 2FS1, 2SD2, 3FS2 and 4FS1 (OPN-7), BFS2, 1FS2, 1LV15, 1LV19, 1SD1, 2FS4, 2SD1 through 2SD6, 3SD3 through 3SD5, 4LV9, 4SD1 and 4SD2 (OPN-16) all be labeled "SANITARY WASTE ONLY - NO CHEMICAL DISPOSAL." It is also recommended that floor drains BFD3, BFD4, BFD5 (OPN-9) and BFD15 (OPN-16) be permanently plugged. No permitting is recommended. No EPA forms were prepared.

4.2 Outfalls 3-43-OPN-2, 3-43-OPN-3, 3-43-OPN-5, 3-43-OPN-6, 3-43-OPN-8, 3-43-OPN-10, 3-43-OPN-11, 3-43-OPN-12, 3-43-OPN-13, 3-43-OPN-14 and 3-43-OPN-19

These eleven outfalls to daylight are from 21 roof drains. No changes or permitting are recommended. No EPA forms were prepared.

4.3 Outfalls 3-43-OPN-15, 3-43-OPN-20, 3-43-OPN-21 and 3-43-OPN-22

These four outfalls to daylight are drains from the fire water system. These outfalls should be included in an NOI. No changes are recommended. No EPA forms were prepared.

4.4 Outfall 3-43-OPN-17

This outfall to daylight drains condensed water from an HVAC unit. This outfall should be included in an NOI. No changes are recommended. No EPA forms were prepared.

4.5 Outfall 3-43-OPN-18

This outfall to daylight is from a sump pump in the sub-basement. The flow to the sump pump is from a drinking water fountain. The drinking fountain should be decommissioned immediately until it can be piped to the sanitary sewer or replace the water fountain with bottled water. No permitting is recommended, however, an EPA form 2D has been prepared for this outfall.

4.6 Outfall 3-43-OPN-23

This outfall to daylight is from a potable water backflow preventer. This outfall should be included in an NOI. No changes are recommended. No EPA forms were prepared.

4.7 Outfall 3-43-OPN-24

This outfall to daylight is a pressure relief valve (PRV) from a hot water heater. This outfall should be included in an NOI. No changes are recommended. No EPA forms were prepared.

4.8 Outfall 3-43-OPN-25

This outfall is a disconnected electrical conduit. No changes or permitting are recommended. No EPA forms were prepared.

4.9 Outfall 3-43-OPN-26

This outfall to daylight is a condensate drain from an air conditioner. This outfall should be included in an NOI. No changes are recommended. No EPA forms were prepared.

5.0 RECOMMENDATIONS FOR BUILDING 3-97

Table 4 is a list of the drains to the building outfalls and Figure 12 is a schematic of the piping. The table lists the drains that connect to the outfall pipes and includes recommendations for changes to the drain piping. The discussion below gives the reasoning for the recommendations.

5.1 Outfall 3-97-OPN-1

This outfall receives flow from (1) lavatory, (1) toilet and (1) water fountain and flows to the sanitary sewer system. No changes or permitting are recommended. No EPA forms were prepared.

5.2 Outfall 3-97-OPN-2

This outfall to daylight is a PRV drain from a hot water heater. The outfall should be included in an NOI. No changes are recommended. No EPA forms were prepared.

6.0 RECOMMENDATIONS FOR BUILDINGS 3-202, 221, 228, 373, 484, 1569 and 1589

These seven buildings do not have any drains and no sources of water. No changes or permitting are recommended. No EPA forms were prepared.

7.0 RECOMMENDATIONS FOR BUILDING 3-222

Table 5 is a list of the drains to the building outfall and Figure 13 is a schematic of the piping. The table lists the fixtures. The only outfall is to daylight and is from a roof drain. No changes or permitting are recommended. No EPA forms were prepared.

8.0 RECOMMENDATIONS FOR BUILDING 3-469

Table 6 is a list of the drains to the building outfalls and Figure 14 is a schematic of the piping. The table lists the drains that connect to the outfall pipes and includes recommendations for changes to the drain piping. The discussion below gives the reasoning for the recommendations.

8.1 Outfall 3-469-OPN-1

This outfall receives flow from (2) lavatories, (2) sink drains, (2) toilets, (1) urinal and (1) water fountain and flows to the sanitary sewer system. It is recommended that sinks 1SD1 and 1SD2 be labeled for sanitary waste only. No permitting is recommended. No EPA forms were prepared.

8.2 Outfall 3-469-OPN-2

This outfall to daylight is from a roof drain. No changes or permitting are recommended. No EPA forms were prepared.

9.0 RECOMMENDATIONS FOR BUILDING 3-471

Table 7 is a list of the drains to the building outfalls and Figure 15 is a schematic of the piping. The table lists the drains that connect to the outfall pipes and includes recommendations for changes to the drain piping. The discussion below gives the reasoning for the recommendations.

9.1 Outfall 3-471-OPN-1

This outfall receives flow from (2) lavatories, (1) sink drain, (2) toilets, (1) urinal and (1) water fountain and flows to the sanitary sewer system. Sink 1SD1 should be labeled for sanitary waste only. No permitting is recommended. No EPA forms were prepared.

9.2 Outfall 3-471-OPN-2

This outfall to daylight is from a roof drain. No changes or permitting are recommended. No EPA forms were prepared.

10.0 RECOMMENDATIONS FOR BUILDING 3-508

Table 8 is a list of the drains to the building outfalls and Figure 16 is a schematic of the piping. The table lists the drains that connect to the outfall pipes and includes recommendations for changes to the drain piping. The discussion below gives the reasoning for the recommendations.

10.1 Outfall 3-508-OPN-1

This outfall receives flow from (6) floor drains, (4) lavatories, (5) sink drains, (2) showers, (6) toilets, (2) urinals and (2) water fountains and flows to the sanitary sewer system. It is recommended that sinks 1SD1, 1SD2, 1SD3, 2SD1 and 2SD2 be labeled "SANITARY WASTE ONLY - NO CHEMICAL DISPOSAL." No permitting is recommended. No EPA forms were prepared.

10.2 Outfall 3-508-OPN-2

This outfall to daylight is a vapor vent. No changes or permitting are recommended. No EPA forms were prepared.

10.3 Outfall 3-508-OPN-3

This outfall to daylight is from a roof drain. No changes or permitting are recommended. No EPA forms were prepared.

10.4 Outfalls 3-508-OPN-4 and 3-508-OPN-5

These two outfalls to daylight are drains from the fire water system. These outfalls should be included in an NOI. No changes are recommended. No EPA forms were prepared.

11.0 RECOMMENDATIONS FOR BUILDING 3-510

Table 9 is a list of the drains to the building outfalls and Figure 17 is a schematic of the piping. The table lists the drains that connect to the outfall pipes and includes recommendations for changes to the drain piping. The discussion below gives the reasoning for the recommendations.

11.1 Outfall 3-510-OPN-1

This outfall to the sanitary sewer receives flow from (1) equipment drain, (1) floor drain, (1) floor sink, (7) lavatories, (2) showers, (3) toilets, (1) urinal and (2) water fountains. None of these drains flow to the existing 06A183 permit and they should not be included in it. Floor drain 1FD3 is located in the photo lab. It is recommended that this drain be permanently plugged to prevent the accidental discharge of photo processing chemicals to the sanitary sewer. Lavatories 2LV1, 2LV5, 2LV8 and 2LV9 are located in the photo lab and darkroom. These lavatories should be labeled "SANITARY WASTE ONLY - NO CHEMICAL DISPOSAL." No permitting is recommended and no EPA forms were prepared.

11.2 Outfall 3-510-OPN-2

This outfall to daylight is a drain from the fire water system. This outfall should be included in an NOI. No changes are recommended. No EPA forms were prepared.

11.3 Outfall 3-510-OPN-3

This outfall to daylight is a steam vent. This outfall should be included in an NOI. No changes are recommended. No EPA forms were prepared.

11.4 Outfalls 3-510-OPN-4 and 3-510-OPN-5

These two outfalls to daylight are roof drains. No changes or permitting are recommended. No EPA forms were prepared.

11.5 Outfall 3-510-OPN-6

This outfall receives photo processing rinse water only from thirteen floor sinks in the photo labs and darkrooms. There are two possible destinations for this outfall depending on the position of piping valves at the outfall. The photo rinse water drain line exits the north side of the building and passes through an exterior monitoring station (PARSCHALL FLUME) where flowrate, pH and silver content are monitored. On the discharge side of the monitoring station, piping valves allow the photo rinse water to be diverted to either the sanitary sewer (via connection to OPN-1)or to the EPA permitted outfall to daylight (06A183). Monitoring results have found the photo rinse water to be within treatment parameters for discharge to the Laboratory's Sanitary Waste Systems Consolidation (SWSC) plant at TA-46. It is recommended that all floor sinks contributing to this outfall be labeled "PHOTO RINSE WATER ONLY - NO CHEMICAL DISPOSAL." It is also recommended that based upon monitoring results, the Laboratory (EM-8) give consideration to having the permitted outfall permanently closed (cap line) and deleting the 06A183

permit. A revised EPA form 2C has been prepared for this outfall.

11.6 Outfall 3-510-OPN-7

This outfall discharges to an exterior holding tank with secondary containment. Sources to this outfall include (10) floor drains, (3) eye washes and (3) lavatories designated to receive only desilvered, non-hazardous, chemical liquid waste (CLW) originating with the photo processing work. Discharge is to the 500 gallon holding tank via seven photo processor sumps. The CLW underground storage tank has not been utilized as of January 1994 due to a problem with the secondary containment structure. This problem has recently been repaired and the tank is anticipated to be in use by April 1994. When operation of the tank begins, all of the CLW will be collected and contained there for pickup by Group CST-7. It is recommended that all drains associated with this outfall be labeled "PHOTO CHEMICAL LIQUID WASTE ONLY - NO SANITARY OR RINSE WATER DISPOSAL." No permitting is recommended and no EPA forms were prepared.

12.0 RECOMMENDATIONS FOR BUILDING 3-1559

Table 10 is a list of the drains to the building outfalls and Figure 18 is a schematic of the piping. The table lists the drains that connect to the outfall pipes and includes recommendations for changes to the drain piping. The discussion below gives the reasoning for the recommendations.

12.1 Outfall 3-1559-OPN-1

This outfall receives flow from (1) lavatory, (2) sink drains and (1) toilet and flows to the sanitary sewer system. It is recommended that sinks 1SD1 and 1SD2 be labeled "SANITARY WASTE ONLY - NO CHEMICAL DISPOSAL." No permitting is recommended. No EPA forms were prepared.

12.2 Outfalls 3-1559-OPN-2, 3-1559-OPN-3, 3-1559-OPN-4, 3-1559-OPN-5, 3-1559-OPN-6 and 3-1559-OPN-7

These six outfalls to daylight are drains from the fire water system. These outfalls should be included in an NOI. No changes are recommended. No EPA forms were prepared.

12.3 Outfalls 3-1559-OPN-8, 3-1559-OPN-9, 3-1559-OPN-10, 3-1559-OPN-11, 3-1559-OPN-12, 3-1559-OPN-13, 3-1559-OPN-14, 3-1559-OPN-15, 3-1559-OPN-16, 3-1559-OPN-17 and 3-559-OPN-18

These eleven outfalls to daylight are roof drains. No changes or permitting are recommended. No EPA forms were prepared.

13.0 RECOMMENDATIONS FOR BUILDING 3-1566

Table 11 is a list of the drains to the building outfalls and Figure 19 is a schematic of the piping. The table lists the drains that connect to the outfall pipes and includes recommendations for changes to the drain piping. The discussion below gives the reasoning for the recommendations.

13.1 Outfall 3-1566-OPN-1

This outfall receives flow from (1) lavatory, (1) sink drain, (1) toilet and (1) water fountain and flows to the sanitary sewer system. It is recommended that sink 1SD1 be labeled "SANITARY WASTE ONLY - NO CHEMICAL DISPOSAL." No permitting is recommended. No EPA forms were prepared.

13.2 Outfall 3-1566-OPN-2

This outfall to daylight is an air conditioner condensate drain. This outfall should be included in an NOI. No changes are recommended. No EPA forms were prepared.

14.0 RECOMMENDATIONS FOR BUILDING 3-1573

Table 12 is a list of the drains to the building outfalls and Figure 20 is a schematic of the piping. The table lists the drains that connect to the outfall pipes and includes recommendations for changes to the drain piping. The discussion below gives the reason for the recommendations.

14.1 Outfall 3-1573-OPN-1

This outfall receives flow from (1) lavatory and (1) toilet and flows to the sanitary sewer. No changes or permitting are recommended. No EPA forms were prepared.

14.2 Outfall 3-1573-OPN-2

This outfall is a PRV drain from a water heater. This outfall should be included in a NOI. No changes are recommended. No EPA forms were prepared.

15.0 RECOMMENDATIONS FOR BUILDING 3-1574

Table 13 is a list of the drains to the building outfalls and Figure 21 is a schematic of the piping. The table lists the drains that connect to the outfall pipes and includes recommendations for changes to the drain piping. The discussion below gives the reason for the recommendations.

15.1 Outfall 3-1574-OPN-1

This outfall receives flow from (1) lavatory and (1) toilet and flows to the sanitary sewer. No changes or permitting are recommended. No EPA forms were prepared.

15.2 Outfall 3-1574-OPN-2

This outfall is a PRV drain from a water heater. This outfall should be included in a NOI. No changes are recommended. No EPA forms were prepared.

16.0 RECOMMENDATIONS FOR BUILDING 3-1588

Table 14 is a list of the drains to the building outfalls and Figure 22 is a schematic of the piping. The table lists the drains that connect to the outfall pipes and includes recommendations for changes to the drain piping. The discussion below gives the reasoning for the recommendations.

16.1 Outfall 3-1588-OPN-1

This outfall receives flow from (1) lavatory, (1) sink drain, (1) toilet and (1) water fountain and flows to the sanitary sewer system. It is recommended that sink 1SD1 be labeled "SANITARY WASTE ONLY - NO CHEMICAL DISPOSAL." No permitting is recommended. No EPA forms were prepared.

16.2 Outfall 3-1588-OPN-2

This outfall to daylight is a PRV drain from a water heater. This outfall should be included in an NOI. No changes are recommended. No EPA forms were prepared.

17.0 RECOMMENDATIONS FOR BUILDING 3-1589

Table 15 is a list of the drains to the building outfalls and Figure 22 is a schematic of the piping. The table lists the drains that connect to the outfall pipe and includes recommendations for changes to the drain piping. The two outfalls discharge storm water from the roof of the building to

daylight next to the building. No permitting or changes are recommended and no EPA forms were prepared.

18.0 RECOMMENDATIONS FOR BUILDING 3-1690

Table 16 is a list of the drains to the building outfalls and Figure 23 is a schematic of the piping. The table lists the drains that connect to the outfall pipes and includes recommendations for changes to the drain piping. The discussion below gives the reasoning for the recommendations.

18.1 Outfall 3-1690-OPN-1

This outfall receives flow from (6) floor drains, (4) lavatories, (2) sink drains, (2) showers, (4) toilets, (2) urinals and (2) water fountains and flows to the sanitary sewer system. It is recommended that sinks 1SD1 and 1SD2 be labeled "SANITARY WASTE ONLY-NO CHEMICAL DISPOSAL." No permitting is recommended. No EPA forms were prepared.

18.2 Outfalls 3-1690-OPN-2, 3-1690-OPN-5, 3-1690-OPN-6 and 3-1690-OPN-7

These four outfalls to daylight are drains from the fire water system. These outfalls should be included in an NOI. No changes are recommended. No EPA forms were prepared.

18.3 Outfalls 3-1690-OPN-3, 3-1690-OPN-4, 3-1690-OPN-8 and 3-1690-OPN-9

These four outfalls to daylight are roof drains. No changes or permitting are recommended. No EPA forms were prepared.

19.0 RECOMMENDATIONS FOR BUILDING 3-1725

Table 17 is a list of the drains to the building outfalls and Figure 24 is a schematic of the piping. The table lists the drains that connect to the outfall pipes and includes recommendations for changes to the drain piping. The discussion below gives the reason for the recommendations.

19.1 Outfall 3-1725-OPN-1

This outfall receives flow from (1) lavatory and (1) toilet and flows to the sanitary sewer. No changes or permitting are recommended. No EPA forms were prepared.

19.2 Outfall 3-1725-OPN-2

This outfall is a PRV drain from a water heater. This outfall should be included in a NOI. No changes are recommended. No EPA forms were prepared.

20.0 CONCLUSION

This document provides the information to characterize buildings 28, 43, 97, 202, 221, 222, 288, 373, 469, 471, 484, 508, 510, 1559, 1566, 1573, 1574, 1588, 1589, 1690, 1725, 1792, 1793 and 1794 in TA-3.

Form 2C:

1. 3-510-OPN-6 (06A183)

Form 2D:

1. 3-43-OPN-18

Permitting is not recommended for the outfalls, as itemized below:

Buildings that do not have any drains:

1. 3-202	2. 3-221	3. 3-228	4. 3-373
5. 3-484	6. 3-1569	7. 3-1589	

Discharges to the sanitary sewer:

1. 3-28-OPN-1	2. 3-28-OPN-3	3. 3-43-OPN-1
4. 3-43-OPN-4	5. 3-43-OPN-7	6. 3-43-OPN-9
7. 3-43-OPN-16	8. 3-97-OPN-1	9. 3-469-OPN-1
10. 3-471-OPN-1	11. 3-508-OPN-1	12. 3-510-OPN-1
13. 3-1559-OPN-1	14. 3-1566-OPN-1	15. 3-1573-OPN-1
16. 3-1574-OPN-1	17. 3-1588-OPN-1	18. 3-1690-OPN-1
19. 3-1725-OPN-1		

Discharges from the fire water system:

1. 3-43-OPN-15	2. 3-43-OPN-20	3. 3-430-OPN-21
4. 3-43-OPN-22	5. 3-508-OPN-4	6. 3-508-OPN-5
7. 3-510-OPN-2	8. 3-1559-OPN-2	9. 3-1559-OPN-3
10. 3-1559-OPN-4	11. 3-1559-OPN-5	12. 3-1559-OPN-6
13. 3-1559-OPN-7	14. 3-1690-OPN-2	15. 3-1690-OPN-5
16. 3-1690-OPN-6	17. 3-1690-OPN-7	

Discharges of condensed water:

1. 3-43-OPN-17	2. 3-43-OPN-26	3. 3-1566-OPN-2

Discharges from water heater pressure relief valves:

1. 3-43-OPN-24 2. 3-97-OPN-2 3. 3-1588-OPN-2

Electrical conduit:

1. 3-43-OPN-25

Storm water discharges:

1. 3-28-OPN-2	2. 3-28-OPN-4	3. 3-43-OPN-2
4. 3-43-OPN-3	5. 3-43-OPN-5	6. 3-43-OPN-6
7. 3-43-OPN-8	8. 3-43-OPN-10	9. 3-43-OPN-11
10. 3-43-OPN-12	11. 3-43-OPN-13	12. 3-43-OPN-14
13. 3-43-OPN-19	14. 3-222-OPN-1	15. 3-469-OPN-2
16. 3-471-OPN-2	17. 3-508-OPN-3	18. 3-510-OPN-4
19. 3-510-OPN-5	20. 3-1559-OPN-8	21. 3-1559-OPN-9
22. 3-1559-OPN-10	23. 3-1559-OPN-11	24. 3-1559-OPN-12
25. 3-1559-OPN-13	26. 3-1559-OPN-14	27. 3-1559-OPN-15
28. 3-1559-OPN-16	29. 3-1559-OPN-17	30. 3-1559-OPN-18
31. 3-1589-OPN-1	32. 3-1589-OPN-2	33. 3-1690-OPN-3
34. 3-1690-OPN-4	35. 3-1690-OPN-8	36. 3-1690-OPN-9

Vapor vents:

1. 3-508-OPN-2

Steam vents:

1. 3-28-OPN-5 2. 3-28-OPN-6 3. 3-510-OPN-3

Recommended permitting and corrective actions are outlined in Tables 2 through 18 as well as in the above text. Corrective action should be performed as soon as practicable to minimize the chance of non permitted discharge of pollutants.

TABLE 1:
SUMMARY OF
ABBREVIATIONS

ABBREVIATION	MEANING
A/C	Air Conditioner
AD	Area Drain
ED	Equipment Drain
EW	Eye Wash
FD	Floor Drain
FS	Floor Sink
LV	Lavatory
PRW	Photo Rinse Water
RD	Roof Drain
SD	Sink Drain
SH	Shower
SP	Sump Pump
TD	Trench Drain
TL	Toilet
UR	Urinal
WF	Water Fountain
WH	Water Heater

TABLE 2: TA 3-28 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
3-28-OPN-1 SAN SEWER	BED1	EQUIPMENT ROOM	24	NO CHANGE	NO
	BED2	EQUIPMENT ROOM	24	NO CHANGE	
	BFD1	EQUIPMENT ROOM	19	NO CHANGE	
	BFD4	JANITOR'S CLOSET	11	NO CHANGE	
	BSD2	BREAK ROOM	28	LABEL	
	1FD1	REST ROOM	124A	NO CHANGE	
	1LV1	REST ROOM	124A	NO CHANGE	
	1LV2	REST ROOM	124A	NO CHANGE	
	1SD1	KITCHEN	122	LABEL	
	1SD2	JANITOR'S CLOSET	126	LABEL	
	1TL1	REST ROOM	124A	NO CHANGE	
	1TL2	REST ROOM	124A	NO CHANGE	
	1WF1	CORRIDOR	100S	NO CHANGE	
3-28-OPN-2	N/A	STORM DRAIN	ROOF	NO CHANGE	NO
3-28-OPN-3 SAN SEWER	BED3	EQUIPMENT ROOM	37	NO CHANGE	NO
	BED4	EQUIPMENT ROOM	43	NO CHANGE	
	BFD2	EQUIPMENT ROOM	43	NO CHANGE	
	BFD3	OUTSIDE	EXT	NO CHANGE	
	BLV3	REST ROOM	49	NO CHANGE	
	BLB4	REST ROOM	45	NO CHANGE	
	BLV5	REST ROOM	45	NO CHANGE	
	BLV1	REST ROOM	34	NO CHANGE	
	BLV2	REST ROOM	34A	NO CHANGE	
	BSD1	OFFICE	48A	LABEL	
	BTL1	REST ROOM	34A	NO CHANGE	
	BTL2	REST ROOM	34A	NO CHANGE	
	BTL3	REST ROOM	45	NO CHANGE	
	BTL4	REST ROOM	45	NO CHANGE	
	BTL5	REST ROOM	49	NO CHANGE	
	BWF1	CORRIDOR	N/A	NO CHANGE	
3-28-OPN-4	N/A	STORM DRAIN	ROOF	NO CHANGE	NO
3-28-OPN-5	N/A	STEAM VENT	N/A	NOI	NO
3-28-OPN-6	N/A	STEAM VENT	N/A	NOI	NO

TABLE 3: TA 3-43 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
3-43-OPN-1 SAN SEWER	BSD1	KEY ROOM	A1B	NO CHANGE	NO
	1FS1	JANITOR'S CLOSET	A114	LABEL	
	1LV1	REST ROOM	A110A	NO CHANGE	
	1LV2	REST ROOM	A110B	NO CHANGE	
	1TL1	REST ROOM	A110A	NO CHANGE	
	1TL2	REST ROOM	A110B	NO CHANGE	
	1WF1	CORRIDOR	100W	NO CHANGE	
	2WF1	CORRIDOR	200W	NO CHANGE	
	3WF1	CORRIDOR	300W	NO CHANGE	
	4WF1	CORRIDOR	400W	NO CHANGE	
3-43-OPN-2	RD1	ROOF DRAIN	ROOF	NO CHANGE	NO
3-43-OPN-3	RD2	ROOF DRAIN	ROOF	NO CHANGE	NO
3-43-OPN-4 SAN SEWER	BAD1	OUTSIDE	EXT	REROUTE	NO
	BAD2	OUTSIDE	EXT	REROUTE	
	BAD3	OUTSIDE	EXT	REROUTE	
	BAD4	OUTSIDE	EXT	REROUTE	
	BAD5	OUTSIDE	EXT	REROUTE	
	BED1	EQUIPMENT ROOM	A7	NO CHANGE	
	BED2	EQUIPMENT ROOM	A7	NO CHANGE	
	BED3	EQUIPMENT ROOM	A7	NO CHANGE	
	BED4	EQUIPMENT ROOM	A7	NO CHANGE	
	BED5	EQUIPMENT ROOM	A7	NO CHANGE	
	BED6	EQUIPMENT ROOM	B14	NO CHANGE	
	BED7	EQUIPMENT ROOM	B14	NO CHANGE	
	BED8	EQUIPMENT ROOM	B14	NO CHANGE	
	BED9	EQUIPMENT ROOM	B14	NO CHANGE	
	BED10	EQUIPMENT ROOM	B14	NO CHANGE	
	BED11	EQUIPMENT ROOM	B14	NO CHANGE	
	BED12	EQUIPMENT ROOM	B14	NO CHANGE	
	BED13	EQUIPMENT ROOM	B14	NO CHANGE	
	BFD1	EQUIPMENT ROOM	A7	NO CHANGE	
	BFD2	EQUIPMENT ROOM	B14	NO CHANGE	
	BFS1	JANITOR'S CLOSET	B1JC	LABEL	
	BLV1	REST ROOM	B1MW	NO CHANGE	
	BSD2	BREAK ROOM	A8A	LABEL	
	BSD3	EQUIPMENT ROOM	B14	LABEL	
	BSD4	MICRO FILM ROOM	C2	LABEL	

TABLE 3: TA 3-43 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
3-43-OPN-4 SAN SEWER (CONT)	BSP2	EQUIPMENT ROOM	B14	NO CHANGE	NO
	BTL1	REST ROOM	B1MW	NO CHANGE	
	BTL2	REST ROOM	B1MW	NO CHANGE	
	BUR1	REST ROOM	B1MW	NO CHANGE	
	BWF1	CORRIDOR	10W	NO CHANGE	
	BWF2	CORRIDOR	10S	NO CHANGE	
	P1ED1	PENTHOUSE # 1	N/A	NO CHANGE	
	P1FD1	PENTHOUSE # 1	N/A	NO CHANGE	
	P1FD2	PENTHOUSE # 1	N/A	NO CHANGE	
	P1FD3	PENTHOUSE # 1	N/A	NO CHANGE	
	P1FD4	PENTHOUSE # 1	N/A	NO CHANGE	
	1FD2	REST ROOM	B102	NO CHANGE	
	1FD3	COLLOQUIUM	N/A	NO CHANGE	
	1FS2	UTILITY ROOM	A120	NO CHANGE	
	1LV3	REST ROOM	B102	NO CHANGE	
	1LV4	REST ROOM	B102	NO CHANGE	
	1TL3	REST ROOM	B102	NO CHANGE	
	1TL4	REST ROOM	B102	NO CHANGE	
	1TL5	REST ROOM	B102	NO CHANGE	
	1TL6	REST ROOM	B102	NO CHANGE	
	1WF4	CORRIDOR	100S	NO CHANGE	
	1WF5	CORRIDOR	100N	NO CHANGE	
	2FD1	REST ROOM	B202WW	NO CHANGE	
	2LV1	REST ROOM	B202WW	NO CHANGE	
	2LV2	REST ROOM	B202WW	NO CHANGE	
	2LV3	REST ROOM	B202WW	NO CHANGE	
	2LV4	REST ROOM	B202WW	NO CHANGE	
	2SD1	BREAK ROOM	A214	LABEL	
	2TL1	REST ROOM	B202WW	NO CHANGE	
	2TL2	REST ROOM	B202WW	NO CHANGE	
	2TL3	REST ROOM	B202WW	NO CHANGE	
	2TL4	REST ROOM	B202WW	NO CHANGE	
	2WF4	CORRIDOR	200S	NO CHANGE	
	2WF5	CORRIDOR	200N	NO CHANGE	
	3FD1	REST ROOM	B313WW	NO CHANGE	
	3LV1	REST ROOM	B313WW	NO CHANGE	
	3LV2	REST ROOM	B313WW	NO CHANGE	
	3LV3	REST ROOM	B313WW	NO CHANGE	

TABLE 3: TA 3-43 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
3-43-OPN-4 SAN SEWER (CONT)	3LV4	REST ROOM	B313WW	NO CHANGE	NO
	3SD1	OFFICE	A314E	LABEL	
	3SD2	OFFICE	B310A	LABEL	
	3TL1	REST ROOM	B313WW	NO CHANGE	
	3TL2	REST ROOM	B313WW	NO CHANGE	
	3TL3	REST ROOM	B313WW	NO CHANGE	
	3TL4	REST ROOM	B313WW	NO CHANGE	
	3WF2	CORRIDOR	300W	NO CHANGE	
	3WF4	CORRIDOR	300E	NO CHANGE	
	4FD1	REST ROOM	B401WW	NO CHANGE	
	4LV1	OFFICE	A416	NO CHANGE	
	4LV2	REST ROOM	B401WW	NO CHANGE	
	4LV4	REST ROOM	B401WW	NO CHANGE	
	4LV5	REST ROOM	B401WW	NO CHANGE	
	4TL1	REST ROOM	B401WW	NO CHANGE	
	4TL2	REST ROOM	B401WW	NO CHANGE	
	4TL3	REST ROOM	B401WW	NO CHANGE	
	4TL4	REST ROOM	B401WW	NO CHANGE	
3-43-OPN-5	RD3	ROOF DRAIN	ROOF	NO CHANGE	NO
3-43-OPN-6	RD4	ROOF DRAIN	ROOF	NO CHANGE	NO
3-43-OPN-7 SAN SEWER	1FD1	REST ROOM	B101MW	NO CHANGE	NO
	1LV5	REST ROOM	B101MW	NO CHANGE	
	1LV6	REST ROOM	B101MW	NO CHANGE	
	1LV7	REST ROOM	B101MW	NO CHANGE	
	1SD1	REST ROOM	B101MW	NO CHANGE	
	1TL7	REST ROOM	B101MW	NO CHANGE	
	1TL8	REST ROOM	B101MW	NO CHANGE	
	1TL9	REST ROOM	B101MW	NO CHANGE	
	1UR1	REST ROOM	B101MW	NO CHANGE	
	1UR2	REST ROOM	B101MW	NO CHANGE	
	1UR3	REST ROOM	B101MW	NO CHANGE	
	1WF3	CORRIDOR	100W	NO CHANGE	
	2FD2	REST ROOM	B205MW	NO CHANGE	
	2FS1	JANITOR'S CLOSET	B205JC	LABEL	
	2LV5	REST ROOM	B205MW	NO CHANGE	
	2LV6	REST ROOM	B205MW	NO CHANGE	
	2LV7	REST ROOM	B205MW	NO CHANGE	

TABLE 3: TA 3-43 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
3-43-OPN-7 SAN SEWER (CONT)	2SD2	OFFICE	A238A	LABEL	NO
	2TL5	REST ROOM	B205MW	NO CHANGE	
	2TL6	REST ROOM	B205MW	NO CHANGE	
	2TL7	REST ROOM	B205MW	NO CHANGE	
	2UR1	REST ROOM	B205MW	NO CHANGE	
	2UR2	REST ROOM	B205MW	NO CHANGE	
	2UR3	REST ROOM	B205MW	NO CHANGE	
	2WF2	CORRIDOR	200W	NO CHANGE	
	3FD2	REST ROOM	B304MW	NO CHANGE	
	3FS2	JANITOR'S CLOSET	B304JC	LABEL	
	3LV5	REST ROOM	B304MW	NO CHANGE	
	3LV6	REST ROOM	B304MW	NO CHANGE	
	3LV7	REST ROOM	B304MW	NO CHANGE	
	3TL5	REST ROOM	B304MW	NO CHANGE	
	3TL6	REST ROOM	B304MW	NO CHANGE	
	3TL7	REST ROOM	B304MW	NO CHANGE	
	3UR1	REST ROOM	B304MW	NO CHANGE	
	3UR2	REST ROOM	B304MW	NO CHANGE	
	3UR3	REST ROOM	B304MW	NO CHANGE	
	3WF3	CORRIDOR	300W	NO CHANGE	
	4FD2	REST ROOM	B405MW	NO CHANGE	
	4FS1	JANITOR'S CLOSET	B409JC	LABEL	
	4LV6	REST ROOM	B405MW	NO CHANGE	
	4LV7	REST ROOM	B405MW	NO CHANGE	
	4LV8	REST ROOM	B405MW	NO CHANGE	
	4TL5	REST ROOM	B405MW	NO CHANGE	
	4TL6	REST ROOM	B405MW	NO CHANGE	
	4TL7	REST ROOM	B405MW	NO CHANGE	
	4UR1	REST ROOM	B405MW	NO CHANGE	
	4UR2	REST ROOM	B405MW	NO CHANGE	
	4UR3	REST ROOM	B405MW	NO CHANGE	
3-43-OPN-8	RD5	ROOF DRAIN	ROOF	NO CHANGE	NO
3-43-OPN-9 SAN SEWER	BFD3	EQUIPMENT ROOM	A15	PLUG	NO
	BFD4	STORAGE	A16	PLUG	
	BFD5	STORAGE	A16	PLUG	
	BFD6	STORAGE	A12C	PLUGGED	
	BSP3	EQUIPMENT ROOM	A15	NO CHANGE	

TABLE 3: TA 3-43 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
3-43-OPN-9 (CONT)	2WF3	CORRIDOR	200W	NO CHANGE	NO
	4WF2	CORRIDOR	400W	NO CHANGE	
3-43-OPN-10	RD6	ROOF DRAIN	ROOF	NO CHANGE	NO
	RD7	ROOF DRAIN	ROOF	NO CHANGE	
3-43-OPN-11	RD8	ROOF DRAIN	ROOF	NO CHANGE	NO
	RD9	ROOF DRAIN	ROOF	NO CHANGE	
	RD10	ROOF DRAIN	ROOF	NO CHANGE	
3-43-OPN-12	RD11	ROOF DRAIN	ROOF	NO CHANGE	NO
	RD12	ROOF DRAIN	ROOF	NO CHANGE	
	RD13	ROOF DRAIN	ROOF	NO CHANGE	
	RD14	ROOF DRAIN	ROOF	NO CHANGE	
	RD15	ROOF DRAIN	ROOF	NO CHANGE	
3-43-OPN-13	RD16	ROOF DRAIN	ROOF	NO CHANGE	NO
3-43-OPN-14	RD19	ROOF DRAIN	ROOF	NO CHANGE	NO
	RD20	ROOF DRAIN	ROOF	NO CHANGE	
	RD21	ROOF DRAIN	ROOF	NO CHANGE	
3-43-OPN-15		FIRE WATER	N/A	NOI	NO
3-43-OPN-16 SAN SEWER	BAD6	OUTSIDE	EXT	REROUTE	
	BAD7	OUTSIDE	EXT	REROUTE	
	BAD8	OUTSIDE	EXT	REROUTE	
	BAD9	OUTSIDE	EXT	REROUTE	
	BFD7	MICRO FILM ROOM	C2	NO CHANGE	
	BFD8	OFFICE	C14	PLUGGED	
	BFD9	OFFICE	C14	PLUGGED	
	BFD10	OFFICE	C14	NO CHANGE	
	BFD11	MICRO FILM ROOM	C4C	NO CHANGE	
	BFD12	EQUIPMENT ROOM	C7	NO CHANGE	
	BFD13	REST ROOM	C11MW	NO CHANGE	
	BFD14	REST ROOM	C11WW	NO CHANGE	
	BFD15	DOCK	D36	PLUG	
	BFD16	MICRO FILM ROOM	D38B	CLEAN PIPING	
	BFD17	CORRIDOR	10E	PLUGGED	
	BFD18	MICRO FILM ROOM	C4E	NO CHANGE	
	BFS2	JANITOR'S CLOSET	C11JC	LABEL	
	BLV2	REST ROOM	C11MW	NO CHANGE	
	BLV3	REST ROOM	C11MW	NO CHANGE	
	BLV4	REST ROOM	C11MW	NO CHANGE	

TABLE 3: TA 3-43 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
3-43-OPN-16 SAN SEWER (CONT)	BLV5	REST ROOM	C11MW	NO CHANGE	NO
	BLV6	REST ROOM	C11MW	NO CHANGE	
	BLV7	REST ROOM	C11MW	NO CHANGE	
	BLV8	REST ROOM	C11MW	NO CHANGE	
	BSD5	OFFICE	D47	PLUGGED	
	BSD6	MICRO FILM ROOM	C2	REMOVED	
	BSP1	EQUIPMENT ROOM	C7	NO CHANGE	
	BTD1	OUTSIDE	EXT	CLEAN/REROUTE	
	BTL3	REST ROOM	C11MW	NO CHANGE	
	BTL4	REST ROOM	C11MW	NO CHANGE	
	BTL5	REST ROOM	C11MW	NO CHANGE	
	BTL6	REST ROOM	C11MW	NO CHANGE	
	BTL7	REST ROOM	C11MW	NO CHANGE	
	BTL8	REST ROOM	C11MW	NO CHANGE	
	BTL9	REST ROOM	C11MW	NO CHANGE	
	BUR2	REST ROOM	C11MW	NO CHANGE	
	BUR3	REST ROOM	C11MW	NO CHANGE	
	BUR4	REST ROOM	C11MW	NO CHANGE	
	BWF3	MICRO FILM ROOM	C2	REMOVED	
	BWF4	CORRIDOR	10E	NO CHANGE	
	BWF5	CORRIDOR	10E	NO CHANGE	
	P2ED1	PENTHOUSE # 2	N/A	NO CHANGE	
	P2FD1	PENTHOUSE # 2	N/A	NO CHANGE	
	P2FD2	PENTHOUSE # 2	N/A	NO CHANGE	
	P2FD3	PENTHOUSE # 2	N/A	NO CHANGE	
	P3ED1	PENTHOUSE # 3	N/A	NO CHANGE	
	P3ED2	PENTHOUSE # 3	N/A	NO CHANGE	
	P3EW1	PENTHOUSE # 3	N/A	NO CHANGE	
	P3FD1	PENTHOUSE # 3	N/A	NO CHANGE	
	P3FD2	PENTHOUSE # 3	N/A	NO CHANGE	
	P3FD3	PENTHOUSE # 3	N/A	NO CHANGE	
	P3FD4	PENTHOUSE # 3	N/A	NO CHANGE	
	P3FD5	PENTHOUSE # 3	N/A	NO CHANGE	
	P3FD6	PENTHOUSE # 3	N/A	NO CHANGE	
	1FD4	REST ROOM	C112WW	NO CHANGE	
	1FD5	REST ROOM	C112MW	NO CHANGE	
	1FD6	REST ROOM	C125MW	NO CHANGE	
	1FD7	REST ROOM	C115WW	NO CHANGE	

TABLE 3: TA 3-43 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
3-43-OPN-16 SAN SEWER (CONT)	1FD8	REST ROOM	C125WW	NO CHANGE	NO
	1FD9	REST ROOM	C115WW	NO CHANGE	
	1FS1	OFFICE	C128A	NO CHANGE	
	1FS2	JANITOR'S CLOSET	C112JC	LABEL	
	1LV8	CORRIDOR	C124	NO CHANGE	
	1LV9	REST ROOM	C125MW	NO CHANGE	
	1LV10	REST ROOM	C125MW	NO CHANGE	
	1LV11	REST ROOM	C125WW	NO CHANGE	
	1LV12	REST ROOM	C125WW	NO CHANGE	
	1LV13	REST ROOM	C125WW	NO CHANGE	
	1LV14	REST ROOM	C125WW	NO CHANGE	
	1LV15	JANITOR'S CLOSET	C123JC	LABEL	
	1LV16	REST ROOM	C115MW	NO CHANGE	
	1LV17	REST ROOM	C115MW	NO CHANGE	
	1LV18	REST ROOM	C115MW	NO CHANGE	
	1LV19	JANITOR'S CLOSET	C115JC	LABEL	
	1LV20	REST ROOM	C112WW	NO CHANGE	
	1LV21	REST ROOM	C112WW	NO CHANGE	
	1LV22	REST ROOM	C112MW	NO CHANGE	
	1LV23	REST ROOM	C115WW	NO CHANGE	
	1LV24	REST ROOM	C115WW	NO CHANGE	
	1LV25	REST ROOM	C115WW	NO CHANGE	
	1LV26	REST ROOM	C115WW	NO CHANGE	
	1SD1	OFFICE	D132	LABEL	
	1TL10	REST ROOM	C125MW	NO CHANGE	
	1TL11	REST ROOM	C125WW	NO CHANGE	
	1TL12	REST ROOM	C125WW	NO CHANGE	
	1TL13	REST ROOM	C125WW	NO CHANGE	
	1TL14	REST ROOM	C125WW	NO CHANGE	
	1TL15	REST ROOM	C115MW	NO CHANGE	
	1TL16	REST ROOM	C115MW	NO CHANGE	
	1TL17	REST ROOM	C115MW	NO CHANGE	
	1TL18	REST ROOM	C115WW	NO CHANGE	
	1TL19	REST ROOM	C115WW	NO CHANGE	
	1TL20	REST ROOM	C115WW	NO CHANGE	
	1TL21	REST ROOM	C115WW	NO CHANGE	
	1TL22	REST ROOM	C112WW	NO CHANGE	
	1TL23	REST ROOM	C112WW	NO CHANGE	

TABLE 3: TA 3-43 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
3-43-OPN-16 SAN SEWER (CONT)	1TL24	REST ROOM	C112MW	NO CHANGE	NO
	1UR4	REST ROOM	C112MW	NO CHANGE	
	1UR5	REST ROOM	C125MW	NO CHANGE	
	1UR6	REST ROOM	C125MW	NO CHANGE	
	1UR7	REST ROOM	C115MW	NO CHANGE	
	1UR8	REST ROOM	C115MW	NO CHANGE	
	1WF6	CORRIDOR	100S	NO CHANGE	
	1WF7	CORRIDOR	100N	NO CHANGE	
	1WF8	CORRIDOR	100E	NO CHANGE	
	1WF9	CORRIDOR	100E	NO CHANGE	
	1WF10	CORRIDOR	100E	NO CHANGE	
	1WF11	CORRIDOR	C124	NO CHANGE	
	2FD3	REST ROOM	C228MW	NO CHANGE	
	2FD4	REST ROOM	C228WW	NO CHANGE	
	2FD5	COPY ROOM	C268	NO CHANGE	
	2FS4	JANITOR'S CLOSET	C228JC	LABEL	
	2LV8	REST ROOM	C228MW	NO CHANGE	
	2LV9	REST ROOM	C228MW	NO CHANGE	
	2LV10	REST ROOM	C228MW	NO CHANGE	
	2LV11	REST ROOM	C228WW	NO CHANGE	
	2LV12	REST ROOM	C228WW	NO CHANGE	
	2LV13	REST ROOM	C228WW	NO CHANGE	
	2LV14	REST ROOM	C228WW	NO CHANGE	
	2SD1	COPY ROOM	C268	LABEL	
	2SD3	OFFICE	B226A	LABEL	
	2SD4	OFFICE	C253	LABEL	
	2SD5	STORAGE	C255A	LABEL	
	2SD6	BREAK ROOM	C255	LABEL	
	2TL8	REST ROOM	C228MW	NO CHANGE	
	2TL9	REST ROOM	C228MW	NO CHANGE	
	2TL10	REST ROOM	C228MW	NO CHANGE	
	2TL11	REST ROOM	C228WW	NO CHANGE	
	2TL12	REST ROOM	C228WW	NO CHANGE	
	2TL13	REST ROOM	C228WW	NO CHANGE	
	2TL14	REST ROOM	C228WW	NO CHANGE	
	2UR4	REST ROOM	C228MW	NO CHANGE	
	2UR5	REST ROOM	C228MW	NO CHANGE	
	2WF6	CORRIDOR	200S	NO CHANGE	

TABLE 3: TA 3-43 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
3-43-OPN-16 SAN SEWER (CONT)	2WF7	CORRIDOR	200N	NO CHANGE	NO
	2WF8	CORRIDOR	200N	NO CHANGE	
	2WF9	CORRIDOR	200E	NO CHANGE	
	2WF10	CORRIDOR	200E	NO CHANGE	
	2WF11	CORRIDOR	200E	NO CHANGE	
	2WF12	CORRIDOR	200E	NO CHANGE	
	3FD1	REST ROOM	C306MW	NO CHANGE	
	3FD4	REST ROOM	C304MW	NO CHANGE	
	3LV8	REST ROOM	C304MW	NO CHANGE	
	3LV9	REST ROOM	C304MW	NO CHANGE	
	3LV10	REST ROOM	C304MW	NO CHANGE	
	3LV11	REST ROOM	C308WW	NO CHANGE	
	3LV12	REST ROOM	C308WW	NO CHANGE	
	3LV13	REST ROOM	C308WW	NO CHANGE	
	3LV14	REST ROOM	C308WW	NO CHANGE	
	3LV15	BREAK ROOM	C301D	NO CHANGE	
	3SD3	JANITOR'S CLOSET	C304JC	LABEL	
	3SD4	CONFERENCE ROOM	D356A	LABEL	
	3SD5	OFFICE	D379	LABEL	
	3TL8	REST ROOM	C306MW	NO CHANGE	
	3TL9	REST ROOM	C306MW	NO CHANGE	
	3TL10	REST ROOM	C306MW	NO CHANGE	
	3TL11	REST ROOM	C308WW	NO CHANGE	
	3TL12	REST ROOM	C308WW	NO CHANGE	
	3TL13	REST ROOM	C308WW	NO CHANGE	
	3TL14	REST ROOM	C308WW	NO CHANGE	
	3UR4	REST ROOM	C304MW	NO CHANGE	
	3UR5	REST ROOM	C304MW	NO CHANGE	
	3UR6	REST ROOM	C304MW	NO CHANGE	
	3WF5	CORRIDOR	300E	NO CHANGE	
	3WF6	CORRIDOR	300E	NO CHANGE	
	3WF7	CORRIDOR	300E	NO CHANGE	
	3WF8	CORRIDOR	300E	NO CHANGE	
	4FD3	REST ROOM	C408MW	NO CHANGE	
	4FD4	REST ROOM	C410WW	NO CHANGE	
	4LV9	JANITOR'S CLOSET	C406JC	LABEL	
	4LV10	REST ROOM	C408MW	NO CHANGE	
	4LV11	REST ROOM	C408MW	NO CHANGE	

TABLE 3: TA 3-43 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
3-43-OPN-16 SAN SEWER (CONT)	4LV12	REST ROOM	C408MW	NO CHANGE	NO
	4LV13	REST ROOM	C410WW	NO CHANGE	
	4LV14	REST ROOM	C410WW	NO CHANGE	
	4LV15	REST ROOM	C410WW	NO CHANGE	
	4LV16	REST ROOM	C410WW	NO CHANGE	
	4SD1	BREAK AREA	D402B	LABEL	
	4SD2	OFFICE	D422	LABEL	
	4TL8	REST ROOM	C408MW	NO CHANGE	
	4TL9	REST ROOM	C408MW	NO CHANGE	
	4TL10	REST ROOM	C408MW	NO CHANGE	
	4TL11	REST ROOM	C410WW	NO CHANGE	
	4TL12	REST ROOM	C410WW	NO CHANGE	
	4TL13	REST ROOM	C410WW	NO CHANGE	
	4TL14	REST ROOM	C410WW	NO CHANGE	
	4UR4	REST ROOM	C408MW	NO CHANGE	
	4UR5	REST ROOM	C408MW	NO CHANGE	
	4UR6	REST ROOM	C408MW	NO CHANGE	
	4WF3	CORRIDOR	400E	NO CHANGE	
	4WF4	CORRIDOR	400E	NO CHANGE	
	4WF5	CORRIDOR	400E	NO CHANGE	
3-43-OPN-17		CONDENSED WATER	D10	NOI	NO
3-43-OPN-18 DAYLIGHT	SBSP1	SUMP PUMP	SBD10	TO SAN SEWER	YES
	SBWF1	CORRIDOR		TO SAN SEWER	
3-43-OPN-19	RD17	ROOF DRAIN	ROOF	NO CHANGE	NO
	RD18	ROOF DRAIN	ROOF	NO CHANGE	
3-43-OPN-20	N/A	FIRE WATER	B103	NOI	NO
3-43-OPN-21	N/A	FIRE WATER	B103	NOI	NO
3-43-OPN-22	N/A	FIRE WATER	B103	NOI	NO
3-43-OPN-23	N/A	BACK FLOW PREVENTER	B14	NOI	NO
3-43-OPN-24	N/A	HOT WATER HEATER	D111	NOI	NO
3-43-OPN-25	N/A	DISCONNECTED CONDUIT	D130	NO CHANGE	NO
3-43-OPN-26	N/A	AIR COND DRAIN	D146	NOI	NO

TABLE 4: TA 3-97 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
3-97-OPN-1 SAN SEWER	1LV1	REST ROOM	2	NO CHANGE	NO
	1TL1	REST ROOM	2	NO CHANGE	
	1WF1	CORRIDOR	1	NO CHANGE	
3-97-OPN-2	N/A	HOT WATER HEATER	2	NOI	NO

TABLE 5: TA 3-222 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
3-222-OPN-1	RD1	ROOF DRAIN	ROOF	NO CHANGE	NO

TABLE 6: TA 3-469 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
3-469-OPN-1 SAN SEWER	1LV1	REST ROOM	105	NO CHANGE	NO
	1LV2	REST ROOM	101	NO CHANGE	
	1SD1	JANITOR'S CLOSET	103	LABEL	
	1SD2	CORRIDOR	N/A	LABEL	
	1TL1	REST ROOM	105	NO CHANGE	
	1TL2	REST ROOM	101	NO CHANGE	
	1UR1	REST ROOM	101	NO CHANGE	
	1WF1	CORRIDOR	N/A	NO CHANGE	
3-469-OPN-2	N/A	STORM DRAIN	ROOF	NO CHANGE	NO

TABLE 7: TA 3-471 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
3-471-OPN-1 SAN SEWER	1LV1	REST ROOM	103	NO CHANGE	NO
	1LV2	REST ROOM	101	NO CHANGE	
	1SD1	CORRIDOR	100A	LABEL	
	1TL1	REST ROOM	103	NO CHANGE	
	1TL2	REST ROOM	101	NO CHANGE	
	1UR1	REST ROOM	103	NO CHANGE	
	1WF1	CORRIDOR	100A	NO CHANGE	
3-471-OPN-2	N/A	ROOF DRAIN	ROOF	NO CHANGE	NO

TABLE 8: TA 3-508 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
3-508-OPN-1 SAN SEWER	BFD1	STAIRWELL	N/A	NO CHANGE	NO
	BFD2	BASEMENT	010	NO CHANGE	
	1FD1	REST ROOM	116	NO CHANGE	
	1FD2	REST ROOM	112	NO CHANGE	
	1LV1	REST ROOM	116	NO CHANGE	
	1LV2	REST ROOM	112	NO CHANGE	
	1SD1	JANITOR'S CLOSET	114	LABEL	
	1SD2	JANITOR'S CLOSET	114	LABEL	
	1SD3	CORRIDOR	100E	LABEL	
	1SH1	REST ROOM	116	NO CHANGE	
	1SH2	REST ROOM	112	NO CHANGE	
	1TL1	REST ROOM	116	NO CHANGE	
	1TL2	REST ROOM	116	NO CHANGE	
	1TL3	REST ROOM	112	NO CHANGE	
	1UR1	REST ROOM	112	NO CHANGE	
	1WF1	CORRIDOR	100E	NO CHANGE	
	2FD1	REST ROOM	214	NO CHANGE	
	2FD2	REST ROOM	210	NO CHANGE	
	2LV1	REST ROOM	214	NO CHANGE	
	2LV2	REST ROOM	210	NO CHANGE	
	2SD1	JANITOR'S CLOSET	212	LABEL	
	2SD2	CORRIDOR	200B	LABEL	
	2TL1	REST ROOM	214	NO CHANGE	
	2TL2	REST ROOM	214	NO CHANGE	
	2TL3	REST ROOM	210	NO CHANGE	
	2UR1	REST ROOM	210	NO CHANGE	
	2WF1	CORRIDOR	200B	NO CHANGE	
3-508-OPN-2	N/A	VAPOR VENT	103	NO CHANGE	NO
3-508-OPN-3	N/A	STORM DRAIN	ROOF	NO CHANGE	NO
3-508-OPN-4	N/A	FIRE WATER DRAIN	100	NOI	NO
3-508-OPN-5	N/A	FIRE WATER DRAIN	129	NOI	NO

TABLE 9: TA 3-510 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
3-510-OPN-1 SAN SEWER	1ED1	EQUIPMENT ROOM	115	NO CHANGE	NO
	1FD3	PHOTO LAB	116	LABEL	
	1FS9	EQUIPMENT ROOM	NONE	NO CHANGE	
	1LV1	REST ROOM	117	NO CHANGE	
	1SH1	REST ROOM	117	NO CHANGE	
	1TL1	REST ROOM	117	NO CHANGE	
	1UR1	REST ROOM	117	NO CHANGE	
	1WF1	CORRIDOR	100A	NO CHANGE	
	2LV1	PHOTO LAB	210	LABEL	
	2LV3	REST ROOM	202	NO CHANGE	
	2LV4	REST ROOM	202	NO CHANGE	
	2LV5	PHOTO LAB	211	LABEL	
	2LV8	DARKROOM	209	LABEL	
	2LV9	DARKROOM	207	LABEL	
	2SH1	REST ROOM	202	NO CHANGE	
	2TL1	REST ROOM	202	NO CHANGE	
	2TL2	REST ROOM	202	NO CHANGE	
	2WF1	CORRIDOR	200A	NO CHANGE	
3-510-OPN-2	N/A	FIRE WATER DRAIN	115	NOI	NO
3-510-OPN-3	N/A	STEAM VENT	115	NOI	NO
3-510-OPN-4	N/A	STORM DRAIN	ROOF	NO CHANGE	NO
3-510-OPN-5	N/A	STORM DRAIN	ROOF	NO CHANGE	NO

TABLE 9: TA 3-510 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
3-510-OPN-6 PHOTO RINSE WATER TO SANITARY OR 06A183	1FS1	DARKROOM	113B	LABEL	YES
	1FS2	PHOTO LAB	113	LABEL	
	1FS3	DARKROOM	113B	LABEL	
	1FS4	PHOTO LAB	113	LABEL	
	1FS5	PHOTO LAB	116	LABEL	
	1FS6	PHOTO LAB	116	LABEL	
	1FS7	DARKROOM	104	LABEL	
	1FS8	DARKROOM	102	LABEL	
	2FS1	PHOTO LAB	210	LABEL	
	2FS2	PHOTO LAB	201	LABEL	
	2FS3	PHOTO LAB	211	LABEL	
	2FS4	PHOTO LAB	209	LABEL	
	2FS5	PHOTO LAB	213	LABEL	
3-510-OPN-7 CHEM. LIQUID WASTE TO HOLDING TANK	1FD1	PHOTO LAB	113	LABEL	NO
	1FD2	PHOTO LAB	113	LABEL	
	1FD4	PHOTO LAB	116	LABEL	
	1FD5	PHOTO LAB	116	LABEL	
	2FD1	PHOTO LAB	210	LABEL	
	2FD2	PHOTO LAB	201	LABEL	
	2FD3	DARKROOM	213	LABEL	
	2FD4	PHOTO LAB	211	LABEL	
	2FD5	DARKROOM	209	LABEL	
	1EW1	PHOTO LAB	116	LABEL	
	2EW1	PHOTO LAB	210	LABEL	
	2EW2	PHOTO LAB	209	LABEL	
	2LV2	PHOTO LAB	210	LABEL	
	2LV6	PHOTO LAB	211	LABEL	
	2LV7	PHOTO LAB	209	LABEL	

TABLE 10: TA 3-1559 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
3-1559-OPN-1 SAN SEWER	1LV1	REST ROOM	105	NO CHANGE	NO
	1SD1	BREAK ROOM	102	LABEL	
	1SD2	BREAK ROOM	102	LABEL	
	1TL1	REST ROOM	105	NO CHANGE	
3-1559-OPN-2	N/A	FIRE WATER DRAIN	102	NOI	NO
3-1559-OPN-3	N/A	FIRE WATER DRAIN	102	NOI	NO
3-1559-OPN-4	N/A	FIRE WATER DRAIN	102	NOI	NO
3-1559-OPN-5	N/A	FIRE WATER DRAIN	102	NOI	NO
3-1559-OPN-6	N/A	FIRE WATER DRAIN	102	NOI	NO
3-1559-OPN-7	N/A	FIRE WATER DRAIN	102	NOI	NO
3-1559-OPN-8	N/A	STORM DRAIN	ROOF	NO CHANGE	NO
3-1559-OPN-9	N/A	STORM DRAIN	ROOF	NO CHANGE	NO
3-1559-OPN-10	N/A	STORM DRAIN	ROOF	NO CHANGE	NO
3-1559-OPN-11	N/A	STORM DRAIN	ROOF	NO CHANGE	NO
3-1559-OPN-12	N/A	STORM DRAIN	ROOF	NO CHANGE	NO
3-1559-OPN-13	N/A	STORM DRAIN	ROOF	NO CHANGE	NO
3-1559-OPN-14	N/A	STORM DRAIN	ROOF	NO CHANGE	NO
3-1559-OPN-15	N/A	STORM DRAIN	ROOF	NO CHANGE	NO
3-1559-OPN-16	N/A	STORM DRAIN	ROOF	NO CHANGE	NO
3-1559-OPN-17	N/A	STORM DRAIN	ROOF	NO CHANGE	NO
3-1559-OPN-18	N/A	STORM DRAIN	ROOF	NO CHANGE	NO

TABLE 11: TA 3-1566 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
3-1566-OPN-1 SAN SEWER	1LV1	REST ROOM	108	NO CHANGE	NO
	1SD1	BREAK ROOM	109A	LABEL	
	1TL1	REST ROOM	108	NO CHANGE	
	1WF1	OFFICE	109	NO CHANGE	
3-1566-OPN-2	1AC1	BREAK ROOM	109A	NOI	NO

TABLE 12: TA 3-1573 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
3-1573-OPN-1 SAN SEWER	1LV1	REST ROOM	102A	NO CHANGE	NO
	1TL1	REST ROOM	102A	NO CHANGE	
3-1573-OPN-2	1WH1	REST ROOM	102A	NOI	NO

TABLE 13: TA 3-1574 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
3-1574-OPN-1 SAN SEWER	1LV1	REST ROOM	102A	NO CHANGE	NO
	1TL1	REST ROOM	102A	NO CHANGE	
3-1574-OPN-2	1WH1	REST ROOM	102A	NOI	NO

TABLE 14: TA 3-1588 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
3-1588-OPN-1 SAN SEWER	1LV1	REST ROOM	105	NO CHANGE	NO
	1SD1	CORRIDOR	100	LABEL	
	1TL1	REST ROOM	105	NO CHANGE	
	1WF1	CORRIDOR	101	NO CHANGE	
3-1588-OPN-2	1WH1	EQUIPMENT ROOM	100A	NOI	NO

TABLE 15: TA 3-1589 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
3-1589-OPN-1 STORM	RD1	ROOF DRAIN	ROOF	NO CHANGE	NO
	RD2	ROOF DRAIN	ROOF	NO CHANGE	
	RD3	ROOF DRAIN	ROOF	NO CHANGE	
	RD4	ROOF DRAIN	ROOF	NO CHANGE	
3-1589-OPN-2	N/A	STORM DRAIN	EXTER.	NO CHANGE	

TABLE 16: TA 3-1690 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
3-1690-OPN-1 SAN SEWER	1FD1	COMPUTER ROOM	A141	NO CHANGE	NO
	1FD2	COMPUTER ROOM	A135A	NO CHANGE	
	1FD3	COMPUTER ROOM	B124	NO CHANGE	
	1FD4	EQUIPMENT ROOM	C107A	NO CHANGE	
	1FD5	REST ROOM	B120	NO CHANGE	
	1FD6	REST ROOM	A137	NO CHANGE	
	1LV1	REST ROOM	A137	NO CHANGE	
	1LV2	REST ROOM	A137	NO CHANGE	
	1LV3	REST ROOM	B120	NO CHANGE	
	1LV4	REST ROOM	B120	NO CHANGE	
	1SD1	CORRIDOR	C100	LABEL	
	1SD2	JANITOR'S CLOSET	C109	LABEL	
	1SH1	REST ROOM	A137	NO CHANGE	
	1SH2	REST ROOM	B120	NO CHANGE	
	1TL1	REST ROOM	A137	NO CHANGE	
	1TL2	REST ROOM	B120	NO CHANGE	
	1TL3	REST ROOM	B120	NO CHANGE	
	1TL4	REST ROOM	A137	NO CHANGE	
	1UR1	REST ROOM	B120	NO CHANGE	
	1UR2	REST ROOM	B120	NO CHANGE	
	1WF1	CORRIDOR	A100	NO CHANGE	
	1WF2	CORRIDOR	C100	NO CHANGE	
3-1690-OPN-2	N/A	FIRE WATER DRAIN	C101B	NOI	NO
3-1690-OPN-3	N/A	STORM DRAIN	ROOF	NO CHANGE	NO
3-1690-OPN-4	N/A	STORM DRAIN	ROOF	NO CHANGE	NO
3-1690-OPN-5	N/A	FIRE WATER DRAIN	C107A	NOI	NO
3-1690-OPN-6	N/A	FIRE WATER DRAIN	C107A	NOI	NO
3-1690-OPN-7	N/A	FIRE WATER DRAIN	C107A	NOI	NO
3-1690-OPN-8	N/A	STORM DRAIN	ROOF	NO CHANGE	NO
3-1690-OPN-9	N/A	STORM DRAIN	ROOF	NO CHANGE	NO

TABLE 17: TA 3-1725 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
3-1725-OPN-1 SAN SEWER	1LV1	REST ROOM	102A	NO CHANGE	NO
	1TL1	REST ROOM	102A	NO CHANGE	
3-1725-OPN-2	1WH1	REST ROOM	102A	NO CHANGE	NO

TABLE 18

NON-DRAIN RECOMMENDATIONS

TECHNICAL AREA	BUILDING NUMBER	ROOM OR LOCATION	RECOMMENDATION
3	510	PERMIT 06A183	BASED UPON MONITORING RESULTS CONSIDERING PLUGGING VALVED OUTFALL AND DELETING PERMIT

REPORT # 59

TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE		PERIODICITY	SEASONAL	SOURCE TYPES
3	28	3-28-OPN-1	13S/SWSC	1FD1	124A	REST ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	28	3-28-OPN-1	13S/SWSC	1LV1	124A	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	28	3-28-OPN-1	13S/SWSC	1LV2	124A	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	28	3-28-OPN-1	13S/SWSC	1SD1	122	KITCHEN			5 DAYS PER WEEK	No	DISH WASHINGS
3	28	3-28-OPN-1	13S/SWSC	1SD2	126	JANITOR'S CLOSET			5 DAYS PER WEEK	No	FLOOR WASHINGS
3	28	3-28-OPN-1	13S/SWSC	1TL1	124A	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	28	3-28-OPN-1	13S/SWSC	1TL2	124A	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	28	3-28-OPN-1	13S/SWSC	1WF1	100S	CORRIDOR			5 DAYS PER WEEK	No	WATER FOUNTAIN
3	28	3-28-OPN-1	13S/SWSC	BED1	24	EQUIPMENT ROOM			FLOW IS NIL	No	POTABLE WATER, STEAM COND
3	28	3-28-OPN-1	13S/SWSC	BED2	24	EQUIPMENT ROOM			FLOW IS NIL	No	POTABLE WATER, STEAM COND
3	28	3-28-OPN-1	13S/SWSC	BFD1	19	EQUIPMENT ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	28	3-28-OPN-1	13S/SWSC	BFD4	11	JANITOR'S CLOSET			5 DAYS PER WEEK	No	FLOOR WASHINGS
3	28	3-28-OPN-1	13S/SWSC	BSD2	28	BREAK ROOM			5 DAYS PER WEEK	No	DISH WASHINGS
3	28	3-28-OPN-2	DAYLIGHT	N/A	ROOF	ROOF DRAIN			MOSTLY SUMMERS	Yes	STORM WATER
3	28	3-28-OPN-3	13S/SWSC	BED3	37	EQUIPMENT ROOM			FLOW IS NIL	No	CONDINSATE WATER
3	28	3-28-OPN-3	13S/SWSC	BED4	43	EQUIPMENT ROOM			FLOW IS NIL	No	CONDINSATE WATER
3	28	3-28-OPN-3	13S/SWSC	BFD2	43	EQUIPMENT ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	28	3-28-OPN-3	13S/SWSC	BFD3	N/A	OUTSIDE			MOSTLY SUMMERS	Yes	STORM WATER
3	28	3-28-OPN-3	13S/SWSC	BLV1	49	REST ROOM			5 DAYS PER WEEK	No	LAVATORY
3	28	3-28-OPN-3	13S/SWSC	BLV2	45	REST ROOM			5 DAYS PER WEEK	No	LAVATORY
3	28	3-28-OPN-3	13S/SWSC	BLV3	45	REST ROOM			5 DAYS PER WEEK	No	LAVATORY
3	28	3-28-OPN-3	13S/SWSC	BSD1	48A	OFFICE			5 DAYS PER WEEK	No	HAND WASHINGS
3	28	3-28-OPN-3	13S/SWSC	BTL1	34A	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	28	3-28-OPN-3	13S/SWSC	BTL2	34A	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	28	3-28-OPN-3	13S/SWSC	BTL3	45	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	28	3-28-OPN-3	13S/SWSC	BTL4	45	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	28	3-28-OPN-3	13S/SWSC	BTL5	49	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	28	3-28-OPN-3	13S/SWSC	BWF1	N/A	CORRIDOR			5 DAYS PER WEEK	No	WATER FOUNTAIN
3	28	3-28-OPN-4	DAYLIGHT	N/A	N/A	ROOF DRAIN			MOSTLY SUMMER	Yes	STORM WATER
3	28	3-28-OPN-5	DAYLIGHT	N/A	N/A	STEAM VENT			FLOW IS NIL	No	STEAM CONDENSATE
3	28	3-28-OPN-6	DAYLIGHT	N/A	N/A	STEAM VENT			FLOW IS NIL	No	STEAM CONDENSATE
3	43	3-43-OPN-01	13S/SWSC	1FS1	A114	JANITOR'S CLOSET			5 DAYS PER WEEK	No	FLOOR WASHINGS
3	43	3-43-OPN-01	13S/SWSC	1LV01	A110A	REST ROOM			5 DAYS PER WEEK	No	HAND WASHING

REPORT # 59

TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE		PERIODICITY	SEASONAL	SOURCE TYPES
3	43	3-43-OPN-01	13S/SWSC	1LV02	A110B	REST ROOM			5 DAYS PER WEEK	No	HAND WASHING
3	43	3-43-OPN-01	13S/SWSC	1TL01	A110A	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-01	13S/SWSC	1TL02	A110B	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-01	13S/SWSC	1WF01	100W	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	43	3-43-OPN-01	13S/SWSC	2WF01	200W	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	43	3-43-OPN-01	13S/SWSC	3WF1	300W	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	43	3-43-OPN-01	13S/SWSC	4WF1	400W	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	43	3-43-OPN-01	13S/SWSC	BSD1	A1B	KEY ROOM			5 DAYS PER WEEK	No	HAND WASHING
3	43	3-43-OPN-02	NONE	RD01	ROOF	ROOF DRAIN			MOSTLY SUMMERS	Yes	STORM WATER
3	43	3-43-OPN-03	NONE	RD02	ROOF	ROOF DRAIN			MOSTLY SUMMERS	Yes	STORM WATER
3	43	3-43-OPN-04	13S/SWSC	1FD2	B102	REST ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	43	3-43-OPN-04	13S/SWSC	1FD3	B121	COLLOQUIUM			FLOW IS NIL	No	FLOOR WASHINGS
3	43	3-43-OPN-04	13S/SWSC	1FS2	A120	OFFICE			5 DAYS PER WEEK	No	FLOOR WASHINGS
3	43	3-43-OPN-04	13S/SWSC	1LV03	B102	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-04	13S/SWSC	1LV04	B102	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-04	13S/SWSC	1TL03	B102	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-04	13S/SWSC	1TL04	B102	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-04	13S/SWSC	1TL05	B102	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-04	13S/SWSC	1TL06	B102	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-04	13S/SWSC	1WF04	100S	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	43	3-43-OPN-04	13S/SWSC	1WF05	100N	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	43	3-43-OPN-04	13S/SWSC	2FD1	B202WW	REST ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	43	3-43-OPN-04	13S/SWSC	2LV01	B202WW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-04	13S/SWSC	2LV02	B202WW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-04	13S/SWSC	2LV03	B202WW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-04	13S/SWSC	2LV04	B202WW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-04	13S/SWSC	2SD1	A214	BREAK ROOM			5 DAYS PER WEEK	No	DISH WASHINGS
3	43	3-43-OPN-04	13S/SWSC	2TL01	B202WW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-04	13S/SWSC	2TL02	B202WW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-04	13S/SWSC	2TL03	B202WW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-04	13S/SWSC	2TL04	B202WW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-04	13S/SWSC	2WF04	200S	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	43	3-43-OPN-04	13S/SWSC	2WF05	200N	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER

REPORT # 59

TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE		PERIODICITY	SEASONAL	SOURCE TYPES
3	43	3-43-OPN-04	13S/SWSC	3FD1	B313WW	REST ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	43	3-43-OPN-04	13S/SWSC	3LV01	B313WW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-04	13S/SWSC	3LV02	B313WW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-04	13S/SWSC	3LV03	B313WW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-04	13S/SWSC	3LV04	B313WW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-04	13S/SWSC	3SD1	A314E	OFFICE			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-04	13S/SWSC	3SD2	B310A	OFFICE			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-04	13S/SWSC	3TL01	B313WW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-04	13S/SWSC	3TL02	B313WW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-04	13S/SWSC	3TL03	B313WW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-04	13S/SWSC	3TL04	B313WW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-04	13S/SWSC	3WF2	300W	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	43	3-43-OPN-04	13S/SWSC	3WF4	300E	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	43	3-43-OPN-04	13S/SWSC	4FD1	B401WW	REST ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	43	3-43-OPN-04	13S/SWSC	4LV01	A416	OFFICE			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-04	13S/SWSC	4LV02	B401WW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-04	13S/SWSC	4LV04	B401WW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-04	13S/SWSC	4LV05	B401WW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-04	13S/SWSC	4TL01	B401WW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-04	13S/SWSC	4TL02	B401WW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-04	13S/SWSC	4TL03	B401WW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-04	13S/SWSC	4TL04	B401WW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-04	13S/SWSC	BAD1	OUTSIDE	OUTSIDE			MOSTLY SUMMERS	Yes	STORM WATER
3	43	3-43-OPN-04	13S/SWSC	BAD2	OUTSIDE	OUTSIDE			MOSTLY SUMMERS	Yes	STORM WATER
3	43	3-43-OPN-04	13S/SWSC	BAD3	OUTSIDE	OUTSIDE			MOSTLY SUMMERS	Yes	STORM WATER
3	43	3-43-OPN-04	13S/SWSC	BAD4	OUTSIDE	OUTSIDE			MOSTLY SUMMERS	Yes	STORM WATER
3	43	3-43-OPN-04	13S/SWSC	BAD5	OUTSIDE	OUTSIDE			MOSTLY SUMMERS	Yes	STORM WATER
3	43	3-43-OPN-04	13S/SWSC	BED01	A7	EQUIPMENT ROOM			FLOW IS NIL	No	CONDENSED WATER
3	43	3-43-OPN-04	13S/SWSC	BED02	A7	EQUIPMENT ROOM			FLOW IS NIL	No	CONDENSED WATER
3	43	3-43-OPN-04	13S/SWSC	BED02	A7	EQUIPMENT ROOM			FLOW IS NIL	No	PHOSPHONIC TREATMENT
3	43	3-43-OPN-04	13S/SWSC	BED02	A7	EQUIPMENT ROOM			FLOW IS NIL	No	CONDENSER PUMP
3	43	3-43-OPN-04	13S/SWSC	BED03	A7	EQUIPMENT ROOM			FLOW IS NIL	No	CONDENSED WATER
3	43	3-43-OPN-04	13S/SWSC	BED04	A7	EQUIPMENT ROOM			FLOW IS NIL	No	CONDENSED WATER

REPORT # 59

TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE		PERIODICITY	SEASONAL	SOURCE TYPES
3	43	3-43-OPN-04	13S/SWSC	BED04	A7	EQUIPMENT ROOM			FLOW IS NIL	No	CHIL.WTR.RETURN
3	43	3-43-OPN-04	13S/SWSC	BED05	A7	EQUIPMENT ROOM			FLOW IS NIL	No	HOT WTR. PUMP
3	43	3-43-OPN-04	13S/SWSC	BED05	A7	EQUIPMENT ROOM			FLOW IS NIL	No	WTR. SUP. PUMP
3	43	3-43-OPN-04	13S/SWSC	BED05	A7	EQUIPMENT ROOM			FLOW IS NIL	No	CONDENSED WATER
3	43	3-43-OPN-04	13S/SWSC	BED06	B14	EQUIPMENT ROOM			FLOW IS NIL	No	FIRE WTR. BYPASS
3	43	3-43-OPN-04	13S/SWSC	BED06	B14	EQUIPMENT ROOM			FLOW IS NIL	No	POT.WTR.BYPASS
3	43	3-43-OPN-04	13S/SWSC	BED07	B14	EQUIPMENT ROOM			FLOW IS NIL	No	HOT WTR. BYPASS
3	43	3-43-OPN-04	13S/SWSC	BED07	B14	EQUIPMENT ROOM			FLOW IS NIL	No	POT.WTR.BYPASS
3	43	3-43-OPN-04	13S/SWSC	BED08	B14	EQUIPMENT ROOM			FLOW IS NIL	No	NON POT. DRAIN
3	43	3-43-OPN-04	13S/SWSC	BED08	B14	EQUIPMENT ROOM			FLOW IS NIL	No	TX-5 BLOWBY
3	43	3-43-OPN-04	13S/SWSC	BED08	B14	EQUIPMENT ROOM			FLOW IS NIL	No	NON POT. BYPASS
3	43	3-43-OPN-04	13S/SWSC	BED09	B14	EQUIPMENT ROOM			FLOW IS NIL	No	TSA-6&7,NON-POT.
3	43	3-43-OPN-04	13S/SWSC	BED10	B14	EQUIPMENT ROOM			FLOW IS NIL	No	TSA-4&5,NON-POT.
3	43	3-43-OPN-04	13S/SWSC	BED11	B14	EQUIPMENT ROOM			FLOW IS NIL	No	TSA-3&4,NON-POT.
3	43	3-43-OPN-04	13S/SWSC	BED12	B14	EQUIPMENT ROOM			FLOW IS NIL	No	PC-3 DRAIN
3	43	3-43-OPN-04	13S/SWSC	BED12	B14	EQUIPMENT ROOM			FLOW IS NIL	No	HXS-9 DRAIN
3	43	3-43-OPN-04	13S/SWSC	BED12	B14	EQUIPMENT ROOM			FLOW IS NIL	No	TSA-1 DRAIN
3	43	3-43-OPN-04	13S/SWSC	BED13	B14	EQUIPMENT ROOM			FLOW IS NIL	No	STEAM BYPASS
3	43	3-43-OPN-04	13S/SWSC	BFD01	A7	EQUIPMENT ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	43	3-43-OPN-04	13S/SWSC	BFD02	B14	EQUIPMENT ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	43	3-43-OPN-04	13S/SWSC	BFS1	B1JC	JANITOR'S CLOSET			5 DAYS PER WEEK	No	FLOOR WASHINGS
3	43	3-43-OPN-04	13S/SWSC	BLV1	B1MW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-04	13S/SWSC	BSD2	A8A	BREAK ROOM			5 DAYS PER WEEK	No	HAND WASHING
3	43	3-43-OPN-04	13S/SWSC	BSD3	B14	EQUIPMENT ROOM			5 DAYS PER WEEK	No	FLOOR WASHINGS
3	43	3-43-OPN-04	13S/SWSC	BSD4	C24	MICRO FILM ROOM			5 DAYS PER WEEK	No	FLOOR WASHINGS
3	43	3-43-OPN-04	13S/SWSC	BSP2	B14	EQUIPMENT ROOM			5 DAYS PER WEEK	No	SANITARY WASTE
3	43	3-43-OPN-04	13S/SWSC	BTL1	B1MW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-04	13S/SWSC	BTL2	B1MW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-04	13S/SWSC	BUR1	B1MW	REST ROOM			5 DAYS PER WEEK	No	URINAL
3	43	3-43-OPN-04	13S/SWSC	BWF1	10W	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	43	3-43-OPN-04	13S/SWSC	BWF2	10S	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	43	3-43-OPN-04	13S/SWSC	P1ED1	N/A	PENTHOUSE # 1			FLOW IS NIL	No	CONDENSED WATER
3	43	3-43-OPN-04	13S/SWSC	P1ED2	N/A	PENTHOUSE # 1			FLOW IS NIL	No	CONDENSED WATER

REPORT # 59

TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE		PERIODICITY	SEASONAL	SOURCE TYPES
3	43	3-43-OPN-04	13S/SWSC	P1FD1	N/A	PENTHOUSE # 1			FLOW IS NIL	No	FLOOR WASHINGS
3	43	3-43-OPN-04	13S/SWSC	P1FD2	N/A	PENTHOUSE # 1			FLOW IS NIL	No	FLOOR WASHINGS
3	43	3-43-OPN-04	13S/SWSC	P1FD3	N/A	PENTHOUSE # 1			FLOW IS NIL	No	FLOOR WASHINGS
3	43	3-43-OPN-04	13S/SWSC	P1FD4	N/A	PENTHOUSE # 1			FLOW IS NIL	No	FLOOR WASHINGS
3	43	3-43-OPN-05	NONE	RD03	ROOF	ROOF DRAIN			MOSTLY SUMMERS	Yes	STORM WATER
3	43	3-43-OPN-06	NONE	RD04	ROOF	ROOF DRAIN			MOSTLY SUMMERS	Yes	STORM WATER
3	43	3-43-OPN-07	13S/SWSC	1FD1	B101MW	REST ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	43	3-43-OPN-07	13S/SWSC	1LV05	B101MW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-07	13S/SWSC	1LV06	B101MW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-07	13S/SWSC	1LV07	B101MW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-07	13S/SWSC	1SD1	B101MW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-07	13S/SWSC	1TL07	B101MW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-07	13S/SWSC	1TL08	B101MW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-07	13S/SWSC	1TL09	B101MW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-07	13S/SWSC	1UR1	B101MW	REST ROOM			5 DAYS PER WEEK	No	URINAL
3	43	3-43-OPN-07	13S/SWSC	1UR2	B101MW	REST ROOM			5 DAYS PER WEEK	No	URINAL
3	43	3-43-OPN-07	13S/SWSC	1UR3	B101MW	REST ROOM			5 DAYS PER WEEK	No	URINAL
3	43	3-43-OPN-07	13S/SWSC	1WF03	100W	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	43	3-43-OPN-07	13S/SWSC	2FD2	B205MW	REST ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	43	3-43-OPN-07	13S/SWSC	2FS1	B205JC	JANITOR'S CLOSET			5 DAYS PER WEEK	No	FLOOR WASHINGS
3	43	3-43-OPN-07	13S/SWSC	2LV05	B205MW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-07	13S/SWSC	2LV06	B205MW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-07	13S/SWSC	2LV07	B205MW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-07	13S/SWSC	2SD2	A238A	OFFICE			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-07	13S/SWSC	2TL05	B205MW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-07	13S/SWSC	2TL06	B205MW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-07	13S/SWSC	2TL07	B205MW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-07	13S/SWSC	2UR1	B205MW	REST ROOM			5 DAYS PER WEEK	No	URINAL
3	43	3-43-OPN-07	13S/SWSC	2UR2	B205MW	REST ROOM			5 DAYS PER WEEK	No	URINAL
3	43	3-43-OPN-07	13S/SWSC	2UR3	B205MW	REST ROOM			5 DAYS PER WEEK	No	URINAL
3	43	3-43-OPN-07	13S/SWSC	2WF02	200W	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	43	3-43-OPN-07	13S/SWSC	3FD2	B304MW	REST ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	43	3-43-OPN-07	13S/SWSC	3FS2	B304JC	JANITOR'S CLOSET			5 DAYS PER WEEK	No	FLOOR WASHINGS

REPORT # 59

TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE		PERIODICITY	SEASONAL	SOURCE TYPES
3	43	3-43-OPN-07	13S/SWSC	3LV05	B304MW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-07	13S/SWSC	3LV06	B304MW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-07	13S/SWSC	3LV07	B304MW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-07	13S/SWSC	3TL05	B304MW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-07	13S/SWSC	3TL06	B304MW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-07	13S/SWSC	3TL07	B304MW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-07	13S/SWSC	3UR1	B304MW	REST ROOM			5 DAYS PER WEEK	No	URINAL
3	43	3-43-OPN-07	13S/SWSC	3UR2	B304MW	REST ROOM			5 DAYS PER WEEK	No	URINAL
3	43	3-43-OPN-07	13S/SWSC	3UR3	B304MW	REST ROOM			5 DAYS PER WEEK	No	URINAL
3	43	3-43-OPN-07	13S/SWSC	3WF3	300W	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	43	3-43-OPN-07	13S/SWSC	4FD2	B405MW	REST ROOM			5 DAYS PER WEEK	No	FLOOR WASHINGS
3	43	3-43-OPN-07	13S/SWSC	4FS1	B409JC	JANITOR'S CLOSET			5 DAYS PER WEEK	No	FLOOR WASHINGS
3	43	3-43-OPN-07	13S/SWSC	4LV06	B405MW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-07	13S/SWSC	4LV07	B405MW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-07	13S/SWSC	4LV08	B405MW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-07	13S/SWSC	4TL05	B405MW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-07	13S/SWSC	4TL06	B405MW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-07	13S/SWSC	4TL07	B405MW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-07	13S/SWSC	4UR1	B405MW	REST ROOM			5 DAYS PER WEEK	No	URINAL
3	43	3-43-OPN-07	13S/SWSC	4UR2	B405MW	REST ROOM			5 DAYS PER WEEK	No	URINAL
3	43	3-43-OPN-07	13S/SWSC	4UR3	B405MW	REST ROOM			5 DAYS PER WEEK	No	URINAL
3	43	3-43-OPN-08	NONE	RD05	ROOF	ROOF DRAIN			MOSTLY SUMMERS	Yes	STORM WATER
3	43	3-43-OPN-09	13S/SWSC	2WF3	200W	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	43	3-43-OPN-09	13S/SWSC	4WF2	400W	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	43	3-43-OPN-09	13S/SWSC	BFD03	A15	EQUIPMENT ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	43	3-43-OPN-09	13S/SWSC	BFD04	A16	STORAGE ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	43	3-43-OPN-09	13S/SWSC	BFD05	A16	STORAGE ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	43	3-43-OPN-09	13S/SWSC	BFD06	A12C	STORAGE ROOM			NO FLOW	No	NONE (PLUGGED)
3	43	3-43-OPN-09	13S/SWSC	BSP3	A15	EQUIPMENT ROOM			5 DAYS PER WEEK	No	SANITARY WASTE
3	43	3-43-OPN-10	NONE	RD06	ROOF	ROOF DRAIN			MOSTLY SUMMERS	Yes	STORM WATER
3	43	3-43-OPN-10	NONE	RD07	ROOF	ROOF DRAIN			MOSTLY SUMMERS	Yes	STORM WATER
3	43	3-43-OPN-11	NONE	RD08	ROOF	ROOF DRAIN			MOSTLY SUMMERS	Yes	STORM WATER
3	43	3-43-OPN-11	NONE	RD09	ROOF	ROOF DRAIN			MOSTLY SUMMERS	Yes	STORM WATER

REPORT # 59

TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE		PERIODICITY	SEASONAL	SOURCE TYPES
3	43	3-43-OPN-11	NONE	RD10	ROOF	ROOF DRAIN			MOSTLY SUMMERS	Yes	STORM WATER
3	43	3-43-OPN-12	NONE	RD11	ROOF	ROOF DRAIN			MOSTLY SUMMERS	Yes	STORM WATER
3	43	3-43-OPN-12	NONE	RD12	ROOF	ROOF DRAIN			MOSTLY SUMMERS	Yes	STORM WATER
3	43	3-43-OPN-12	NONE	RD13	ROOF	ROOF DRAIN			MOSTLY SUMMERS	Yes	STORM WATER
3	43	3-43-OPN-12	NONE	RD14	ROOF	ROOF DRAIN			MOSTLY SUMMERS	Yes	STORM WATER
3	43	3-43-OPN-12	NONE	RD15	ROOF	ROOF DRAIN			MOSTLY SUMMERS	Yes	STORM WATER
3	43	3-43-OPN-13	NONE	RD16	ROOF	ROOF DRAIN			MOSTLY SUMMERS	Yes	STORM WATER
3	43	3-43-OPN-14	NONE	RD19	ROOF	ROOF DRAIN			MOSTLY SUMMERS	Yes	STORM WATER
3	43	3-43-OPN-14	NONE	RD20	ROOF	ROOF DRAIN			MOSTLY SUMMERS	Yes	STORM WATER
3	43	3-43-OPN-14	NONE	RD21	ROOF	ROOF DRAIN			MOSTLY SUMMERS	Yes	STORM WATER
3	43	3-43-OPN-15	DAYLIGHT	N/A	10E	FIRE WATER DRAIN			ANNUAL TESTING	No	FIRE WATER
3	43	3-43-OPN-16	13S/SWSC	1FD4	C112WW	REST ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	43	3-43-OPN-16	13S/SWSC	1FD5	C112WW	REST ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	43	3-43-OPN-16	13S/SWSC	1FD6	C112WW	REST ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	43	3-43-OPN-16	13S/SWSC	1FD7	C112WW	REST ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	43	3-43-OPN-16	13S/SWSC	1FD8	C112WW	REST ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	43	3-43-OPN-16	13S/SWSC	1FD9	C112WW	REST ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	43	3-43-OPN-16	13S/SWSC	1FS1	C128A	OFFICE			5 DAYS PER WEEK	No	FLOOR WASHINGS
3	43	3-43-OPN-16	13S/SWSC	1FS2	C112JC	JANITOR'S CLOSET			5 DAYS PER WEEK	No	FLOOR WASHINGS
3	43	3-43-OPN-16	13S/SWSC	1LV08	C124	CORRIDOR			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	1LV09	C125MW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	1LV10	C125MW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	1LV11	C125MW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	1LV12	C125MW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	1LV13	C125MW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	1LV14	C125MW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	1LV15	C123JC	JANITOR'S CLOSET			5 DAYS PER WEEK	No	FLOOR WASHINGS
3	43	3-43-OPN-16	13S/SWSC	1LV16	C115MW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	1LV17	C115MW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	1LV18	C115MW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	1LV19	C115JC	JANITOR'S CLOSET			5 DAYS PER WEEK	No	FLOOR WASHINGS
3	43	3-43-OPN-16	13S/SWSC	1LV20	C112WW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	1LV21	C112WW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS

REPORT # 59

TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE		PERIODICITY	SEASONAL	SOURCE TYPES
3	43	3-43-OPN-16	13S/SWSC	1LV22	C112MW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	1LV23	C115WW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	1LV24	C115WW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	1LV25	C115WW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	1LV26	C115WW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	1SD1	D132	OFFICE			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	1TL10	C125MW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-16	13S/SWSC	1TL11	C125WW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-16	13S/SWSC	1TL12	C125WW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-16	13S/SWSC	1TL13	C125WW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-16	13S/SWSC	1TL14	C125WW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-16	13S/SWSC	1TL15	C115MW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-16	13S/SWSC	1TL16	C115MW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-16	13S/SWSC	1TL17	C115MW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-16	13S/SWSC	1TL18	C115WW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-16	13S/SWSC	1TL19	C115WW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-16	13S/SWSC	1TL20	C115WW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-16	13S/SWSC	1TL21	C115WW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-16	13S/SWSC	1TL22	C112WW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-16	13S/SWSC	1TL23	C112WW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-16	13S/SWSC	1TL24	C112MW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-16	13S/SWSC	1UR4	C112MW	REST ROOM			5 DAYS PER WEEK	No	URINAL
3	43	3-43-OPN-16	13S/SWSC	1UR5	C125MW	REST ROOM			5 DAYS PER WEEK	No	URINAL
3	43	3-43-OPN-16	13S/SWSC	1UR6	C125MW	REST ROOM			5 DAYS PER WEEK	No	URINAL
3	43	3-43-OPN-16	13S/SWSC	1UR7	C115MW	REST ROOM			5 DAYS PER WEEK	No	URINAL
3	43	3-43-OPN-16	13S/SWSC	1UR8	C115MW	REST ROOM			5 DAYS PER WEEK	No	URINAL
3	43	3-43-OPN-16	13S/SWSC	1WF06	100S	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	43	3-43-OPN-16	13S/SWSC	1WF07	100N	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	43	3-43-OPN-16	13S/SWSC	1WF08	100E	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	43	3-43-OPN-16	13S/SWSC	1WF09	C124	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	43	3-43-OPN-16	13S/SWSC	1WF10	100E	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	43	3-43-OPN-16	13S/SWSC	1WF11	C124	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	43	3-43-OPN-16	13S/SWSC	2FD3	C228MW	REST ROOM			FLOW IS NIL	No	FLOOR WASHINGS

REPORT # 59

TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE		PERIODICITY	SEASONAL	SOURCE TYPES
3	43	3-43-OPN-16	13S/SWSC	2FD4	C228WW	REST ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	43	3-43-OPN-16	13S/SWSC	2FD5	C268	COPY ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	43	3-43-OPN-16	13S/SWSC	2FS4	C228JC	JANITOR'S CLOSET			5 DAYS PER WEEK	No	FLOOR WASHINGS
3	43	3-43-OPN-16	13S/SWSC	2LV08	C228MW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	2LV09	C228MW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	2LV10	C228MW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	2LV11	C228WW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	2LV12	C228WW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	2LV13	C228WW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	2LV14	C228WW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	2SD1	C268	COPY ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	2SD3	B226A	OFFICE			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	2SD4	C253	OFFICE			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	2SD5	C255A	STORAGE			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	2SD6	C255	BREAK ROOM			5 DAYS PER WEEK	No	DISH WASHINGS
3	43	3-43-OPN-16	13S/SWSC	2TL08	C228MW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-16	13S/SWSC	2TL09	C228MW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-16	13S/SWSC	2TL10	C228MW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-16	13S/SWSC	2TL11	C228WW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-16	13S/SWSC	2TL12	C228WW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-16	13S/SWSC	2TL13	C228WW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-16	13S/SWSC	2TL14	C228WW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-16	13S/SWSC	2UR4	C228MW	REST ROOM			5 DAYS PER WEEK	No	URINAL
3	43	3-43-OPN-16	13S/SWSC	2UR5	C228MW	REST ROOM			5 DAYS PER WEEK	No	URINAL
3	43	3-43-OPN-16	13S/SWSC	2WF06	200S	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	43	3-43-OPN-16	13S/SWSC	2WF07	200N	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	43	3-43-OPN-16	13S/SWSC	2WF08	200N	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	43	3-43-OPN-16	13S/SWSC	2WF09	200E	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	43	3-43-OPN-16	13S/SWSC	2WF10	200E	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	43	3-43-OPN-16	13S/SWSC	2WF11	200E	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	43	3-43-OPN-16	13S/SWSC	2WF12	200E	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	43	3-43-OPN-16	13S/SWSC	3FD1	C306MW	REST ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	43	3-43-OPN-16	13S/SWSC	3FD4	C304MW	REST ROOM			FLOW IS NIL	No	FLOOR WASHINGS

REPORT # 59

TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE		PERIODICITY	SEASONAL	SOURCE TYPES
3	43	3-43-OPN-16	13S/SWSC	3LV08	C304MW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	3LV09	C304MW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	3LV10	C304MW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	3LV11	C308WW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	3LV12	C308WW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	3LV13	C308WW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	3LV14	C308WW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	3LV15	C301D	BREAK ROOM			5 DAYS PER WEEK	No	DISH WASHINGS
3	43	3-43-OPN-16	13S/SWSC	3SD3	C304JC	JANITOR'S CLOSET			5 DAYS PER WEEK	No	FLOOR WASHINGS
3	43	3-43-OPN-16	13S/SWSC	3SD4	D356A	CONFERENCE ROOM			5 DAYS PER WEEK	No	DISH WASHINGS
3	43	3-43-OPN-16	13S/SWSC	3SD5	D379	OFFICE			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	3TL08	C306MW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-16	13S/SWSC	3TL09	C306MW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-16	13S/SWSC	3TL10	C306MW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-16	13S/SWSC	3TL11	C308WW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-16	13S/SWSC	3TL12	C308WW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-16	13S/SWSC	3TL13	C308WW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-16	13S/SWSC	3TL14	C308WW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-16	13S/SWSC	3UR4	C304MW	REST ROOM			5 DAYS PER WEEK	No	URINAL
3	43	3-43-OPN-16	13S/SWSC	3UR5	C304MW	REST ROOM			5 DAYS PER WEEK	No	URINAL
3	43	3-43-OPN-16	13S/SWSC	3UR6	C304MW	REST ROOM			5 DAYS PER WEEK	No	URINAL
3	43	3-43-OPN-16	13S/SWSC	3WF5	300E	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	43	3-43-OPN-16	13S/SWSC	3WF6	300E	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	43	3-43-OPN-16	13S/SWSC	3WF7	300E	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	43	3-43-OPN-16	13S/SWSC	3WF8	300E	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	43	3-43-OPN-16	13S/SWSC	4FD3	C408MW	REST ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	43	3-43-OPN-16	13S/SWSC	4FD4	C410WW	REST ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	43	3-43-OPN-16	13S/SWSC	4LV09	C406JC	JANITOR'S CLOSET			5 DAYS PER WEEK	No	FLOOR WASHINGS
3	43	3-43-OPN-16	13S/SWSC	4LV10	C408MW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	4LV11	C408MW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	4LV12	C408MW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	4LV13	C410WW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	4LV14	C410WW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS

REPORT # 59

TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE		PERIODICITY	SEASONAL	SOURCE TYPES
3	43	3-43-OPN-16	13S/SWSC	4LV15	C410WW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	4LV16	C410WW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	4SD1	D402B	BREAK AREA			5 DAYS PER WEEK	No	DISH WASHINGS
3	43	3-43-OPN-16	13S/SWSC	4SD2	D422	OFFICE			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	4TL08	C408MW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-16	13S/SWSC	4TL09	C408MW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-16	13S/SWSC	4TL10	C408MW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-16	13S/SWSC	4TL11	C410WW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-16	13S/SWSC	4TL12	C410WW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-16	13S/SWSC	4TL13	C410WW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-16	13S/SWSC	4TL14	C410WW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-16	13S/SWSC	4UR4	C408MW	REST ROOM			5 DAYS PER WEEK	No	URINAL
3	43	3-43-OPN-16	13S/SWSC	4UR5	C408MW	REST ROOM			5 DAYS PER WEEK	No	URINAL
3	43	3-43-OPN-16	13S/SWSC	4UR6	C408MW	REST ROOM			5 DAYS PER WEEK	No	URINAL
3	43	3-43-OPN-16	13S/SWSC	4WF3	400E	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	43	3-43-OPN-16	13S/SWSC	4WF4	400E	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	43	3-43-OPN-16	13S/SWSC	4WF5	400E	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	43	3-43-OPN-16	13S/SWSC	BAD6	OUTSIDE	OUTSIDE			MOSTLY SUMMERS	Yes	STORM WATER
3	43	3-43-OPN-16	13S/SWSC	BAD7	OUTSIDE	OUTSIDE			MOSTLY SUMMERS	Yes	STORM WATER
3	43	3-43-OPN-16	13S/SWSC	BAD8	OUTSIDE	OUTSIDE			MOSTLY SUMMERS	Yes	STORM WATER
3	43	3-43-OPN-16	13S/SWSC	BAD9	OUTSIDE	OUTSIDE			MOSTLY SUMMERS	Yes	STORM WATER
3	43	3-43-OPN-16	13S/SWSC	BFD07	C2	MICRO FILM ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	43	3-43-OPN-16	13S/SWSC	BFD08	C14	OFFICE			PLUGGED	No	NONE
3	43	3-43-OPN-16	13S/SWSC	BFD09	C14	OFFICE			PLUGGED	No	NONE
3	43	3-43-OPN-16	13S/SWSC	BFD10	C14	OFFICE			FLOW IS NIL	No	FLOOR WASHINGS
3	43	3-43-OPN-16	13S/SWSC	BFD11	C4C	MICRO FILM ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	43	3-43-OPN-16	13S/SWSC	BFD12	C7	EQUIPMENT ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	43	3-43-OPN-16	13S/SWSC	BFD13	C11MW	REST ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	43	3-43-OPN-16	13S/SWSC	BFD14	C11WW	REST ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	43	3-43-OPN-16	13S/SWSC	BFD15	D36	DOCK			FLOW IS NIL	No	FLOOR WASHINGS
3	43	3-43-OPN-16	13S/SWSC	BFD16	D38B	MICRO FILM ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	43	3-43-OPN-16	13S/SWSC	BFD17	10E	CORRIDOR			PLUGGED	No	NONE
3	43	3-43-OPN-16	13S/SWSC	BFD18	C4E	MICRO FILM ROOM			FLOW IS NIL	No	FLOOR WASHINGS

REPORT # 59

TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE		PERIODICITY	SEASONAL	SOURCE TYPES
3	43	3-43-OPN-16	13S/SWSC	BFS2	C11JC	JANITOR'S CLOSET			5 DAYS PER WEEK	No	FLOOR WASHINGS
3	43	3-43-OPN-16	13S/SWSC	BLV2	C11MW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	BLV3	C11MW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	BLV4	C11MW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	BLV5	C11MW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	BLV6	C11MW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	BLV7	C11MW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	BLV8	C11MW	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	43	3-43-OPN-16	13S/SWSC	BSD5	D47	OFFICE			PLUGGED	No	NONE
3	43	3-43-OPN-16	13S/SWSC	BSD6	C2	MICRO FILM ROOM			REMOVED	No	NONE
3	43	3-43-OPN-16	13S/SWSC	BSP1	C7	EQUIPMENT ROOM			5 DAYS PER WEEK	No	SANITARY WASTE
3	43	3-43-OPN-16	13S/SWSC	BTD1	OUTSIDE	OUTSIDE			MOSTLY SUMMERS	Yes	STORM WATER
3	43	3-43-OPN-16	13S/SWSC	BTL3	C11MW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-16	13S/SWSC	BTL4	C11MW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-16	13S/SWSC	BTL5	C11MW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-16	13S/SWSC	BTL6	C11MW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-16	13S/SWSC	BTL7	C11MW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-16	13S/SWSC	BTL8	C11MW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-16	13S/SWSC	BTL9	C11MW	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	43	3-43-OPN-16	13S/SWSC	BUR2	C11MW	REST ROOM			5 DAYS PER WEEK	No	URINAL
3	43	3-43-OPN-16	13S/SWSC	BUR3	C11MW	REST ROOM			5 DAYS PER WEEK	No	URINAL
3	43	3-43-OPN-16	13S/SWSC	BUR4	C11MW	REST ROOM			5 DAYS PER WEEK	No	URINAL
3	43	3-43-OPN-16	13S/SWSC	BWF3	C2	MICRO FILM ROOM			5 DAYS PER WEEK	No	DRINKING WATER
3	43	3-43-OPN-16	13S/SWSC	BWF4	10E	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	43	3-43-OPN-16	13S/SWSC	BWF5	10E	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	43	3-43-OPN-16	13S/SWSC	P2ED1	N/A	PENTHOUSE # 2			FLOW IS NIL	No	CONDENSATE WATER
3	43	3-43-OPN-16	13S/SWSC	P2FD1	N/A	PENTHOUSE # 2			FLOW IS NIL	No	FLOOR WASHINGS
3	43	3-43-OPN-16	13S/SWSC	P2FD2	N/A	PENTHOUSE # 2			FLOW IS NIL	No	FLOOR WASHINGS
3	43	3-43-OPN-16	13S/SWSC	P2FD3	N/A	PENTHOUSE # 2			FLOW IS NIL	No	FLOOR WASHINGS
3	43	3-43-OPN-16	13S/SWSC	P3ED1	N/A	PENTHOUSE # 3			FLOW IS NIL	No	CONDENSATE WATER
3	43	3-43-OPN-16	13S/SWSC	P3ED2	N/A	PENTHOUSE # 3			FLOW IS NIL	No	CONDENSATE WATER
3	43	3-43-OPN-16	13S/SWSC	P3ED3	N/A	PENTHOUSE # 3			FLOW IS NIL	No	CONDENSATE WATER
3	43	3-43-OPN-16	13S/SWSC	P3FD1	N/A	PENTHOUSE # 3			FLOW IS NIL	No	FLOOR WASHINGS

REPORT # 59

TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE		PERIODICITY	SEASONAL	SOURCE TYPES
3	43	3-43-OPN-16	13S/SWSC	P3FD2	N/A	PENTHOUSE # 3			FLOW IS NIL	No	FLOOR WASHINGS
3	43	3-43-OPN-16	13S/SWSC	P3FD3	N/A	PENTHOUSE # 3			FLOW IS NIL	No	FLOOR WASHINGS
3	43	3-43-OPN-16	13S/SWSC	P3FD4	N/A	PENTHOUSE # 3			FLOW IS NIL	No	FLOOR WASHINGS
3	43	3-43-OPN-16	13S/SWSC	P3FD5	N/A	PENTHOUSE # 3			FLOW IS NIL	No	FLOOR WASHINGS
3	43	3-43-OPN-16	13S/SWSC	P3FD6	N/A	PENTHOUSE # 3			FLOW IS NIL	No	FLOOR WASHINGS
3	43	3-43-OPN-17	DAYLIGHT	N/A	D10	EQUIPMENT ROOM			FLOW IS NIL	No	CONDENSED WATER
3	43	3-43-OPN-18	DAYLIGHT	SBSP1	SBD10	SUMP PUMP			5 DAYS PER WEEK	No	DRINKING WATER
3	43	3-43-OPN-18	DAYLIGHT	SBWF1	100A	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	43	3-43-OPN-19	NONE	RD17	ROOF	ROOF DRAIN			MOSTLY SUMMERS	Yes	STORM WATER
3	43	3-43-OPN-19	NONE	RD18	ROOF	ROOF DRAIN			MOSTLY SUMMERS	Yes	STORM WATER
3	43	3-43-OPN-20	DAYLIGHT	N/A	B103	EQUIPMENT ROOM			ANNUAL TESTING	No	FIRE WATER
3	43	3-43-OPN-21	DAYLIGHT	N/A	B103	EQUIPMENT ROOM			ANNUAL TESTING	No	FIRE WATER
3	43	3-43-OPN-22	DAYLIGHT	N/A	B103	EQUIPMENT ROOM			ANNUAL TESTING	No	FIRE WATER
3	43	3-43-OPN-23	13S/SWSC	N/A	B14	BACK FLOW PREVENTER			FLOW IS NIL	No	POTABLE WATER
3	43	3-43-OPN-24	DAYLIGHT	N/A	D111	HOT WATER HEATER PRV			FLOW IS NIL	No	POTABLE WATER
3	43	3-43-OPN-25	DAYLIGHT	N/A	D130	DISCONNECTED CONDUIT			NO FLOW	No	NONE
3	43	3-43-OPN-26	DAYLIGHT	N/A	D146	AIR CONDITIONER DRAIN			FLOW IS NIL	No	CONDENSED WATER
3	97	3-97-OPN-1	13S/SWSC	1LV1	2	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	97	3-97-OPN-1	13S/SWSC	1TL1	2	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	97	3-97-OPN-1	13S/SWSC	1WF1	1	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	97	3-97-OPN-2	DAYLIGHT	N/A	2	HOT WATER HEATER VENT			FLOW IS NIL	No	POTABLE WATER
3	222	3-222-OPN-1	DAYLIGHT	RD1	ROOF	ROOF DRAIN			MOSTLY SUMMERS	Yes	STORM WATER
3	469	3-469-OPN-1	13S/SWSC	1LV1	105	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	469	3-469-OPN-1	13S/SWSC	1LV2	101	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	469	3-469-OPN-1	13S/SWSC	1SD1	103	JANITOR'S CLOSET			5 DAYS PER WEEK	No	MOP WATER
3	469	3-469-OPN-1	13S/SWSC	1SD2	100A	CORRIDOR			5 DAYS PER WEEK	No	DISH WASHINGS
3	469	3-469-OPN-1	13S/SWSC	1TL1	105	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	469	3-469-OPN-1	13S/SWSC	1TL2	101	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	469	3-469-OPN-1	13S/SWSC	1UR1	101	REST ROOM			5 DAYS PER WEEK	No	URINAL
3	469	3-469-OPN-1	13S/SWSC	1WF1	N/A	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	469	3-469-OPN-2	DAYLIGHT	N/A	ROOF	ROOF DRAIN			MOSTLY SUMMERS	Yes	STORM WATER
3	471	3-471-OPN-1	13S/SWSC	1LV1	103	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	471	3-471-OPN-1	13S/SWSC	1LV2	101	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS

REPORT # 59

TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE		PERIODICITY	SEASONAL	SOURCE TYPES
3	471	3-471-OPN-1	13S/SWSC	1SD1		CORRIDOR			5 DAYS PER WEEK	No	DISH WASHINGS
3	471	3-471-OPN-1	13S/SWSC	1TL1	103	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	471	3-471-OPN-1	13S/SWSC	1TL2	101	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	471	3-471-OPN-1	13S/SWSC	1UR1	101	REST ROOM			5 DAYS PER WEEK	No	URINAL
3	471	3-471-OPN-1	13S/SWSC	1WF1	N/A	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	471	3-471-OPN-2	DAYLIGHT	N/A	ROOF	ROOF DRAIN			MOSTLY SUMMERS	Yes	STORM WATER
3	508	3-508-OPN-1	13S/SWSC	1FD1	116	REST ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	508	3-508-OPN-1	13S/SWSC	1FD2	112	REST ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	508	3-508-OPN-1	13S/SWSC	1LV1	116	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	508	3-508-OPN-1	13S/SWSC	1LV2	112	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	508	3-508-OPN-1	13S/SWSC	1SD1	114	JANITOR'S CLOSET			5 DAYS PER WEEK	No	MOP WATER
3	508	3-508-OPN-1	13S/SWSC	1SD2	114	JANITOR'S CLOSET			5 DAYS PER WEEK	No	MOP WATER
3	508	3-508-OPN-1	13S/SWSC	1SD3	100E	CORRIDOR			5 DAYS PER WEEK	No	HAND WASHINGS
3	508	3-508-OPN-1	13S/SWSC	1SH1	116	REST ROOM			5 DAYS PER WEEK	No	SHOWER
3	508	3-508-OPN-1	13S/SWSC	1SH2	112	REST ROOM			5 DAYS PER WEEK	No	SHOWER
3	508	3-508-OPN-1	13S/SWSC	1TL1	116	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	508	3-508-OPN-1	13S/SWSC	1TL2	116	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	508	3-508-OPN-1	13S/SWSC	1TL3	112	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	508	3-508-OPN-1	13S/SWSC	1UR1	112	REST ROOM			5 DAYS PER WEEK	No	URINAL
3	508	3-508-OPN-1	13S/SWSC	1WF1	100E	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	508	3-508-OPN-1	13S/SWSC	2FD1	214	REST ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	508	3-508-OPN-1	13S/SWSC	2FD2	210	REST ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	508	3-508-OPN-1	13S/SWSC	2LV1	214	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	508	3-508-OPN-1	13S/SWSC	2LV2	210	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	508	3-508-OPN-1	13S/SWSC	2SD1	212	JANITOR'S CLOSET			5 DAYS PER WEEK	No	FLOOR WASHINGS
3	508	3-508-OPN-1	13S/SWSC	2SD2	200B	CORRIDOR			5 DAYS PER WEEK	No	HAND WASHINGS
3	508	3-508-OPN-1	13S/SWSC	2TL1	214	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	508	3-508-OPN-1	13S/SWSC	2TL2	214	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	508	3-508-OPN-1	13S/SWSC	2TL3	210	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	508	3-508-OPN-1	13S/SWSC	2UR1	210	REST ROOM			5 DAYS PER WEEK	No	URINAL
3	508	3-508-OPN-1	13S/SWSC	2WF1	200B	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	508	3-508-OPN-1	13S/SWSC	BFD1	N/A	STAIRWELL			FLOW IS NIL	No	FLOOR WASHINGS
3	508	3-508-OPN-1	13S/SWSC	BFD2	010	BASEMENT			FLOW IS NIL	No	FLOOR WASHINGS

REPORT # 59

TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE		PERIODICITY	SEASONAL	SOURCE TYPES
3	508	3-508-OPN-2	DAYLIGHT	N/A	103	VENT			FLOW IS NIL	No	STEAM CONDENSATE
3	508	3-508-OPN-3	DAYLIGHT	N/A	ROOF	ROOF DRAIN			MOSTLY SUMMERS	Yes	STORM WATER
3	508	3-508-OPN-4	DAYLIGHT	N/A	100	FIRE WATER DRAIN			ANNUAL TESTING	No	FIRE WATER
3	508	3-508-OPN-5	DAYLIGHT	N/A	129	FIRE WATER DRAIN			ANNUAL TESTING	No	FIRE WATER
3	510	3-510-OPN-1	13S/SWSC	1ED1	115	EQUIPMENT ROOM			FLOW IS NIL	No	POTABLE WATER, STEAM COND.
3	510	3-510-OPN-1	13S/SWSC	1FD3	113B	DARK ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	510	3-510-OPN-1	13S/SWSC	1FS9	N/A	EQUIPMENT ROOM			5 DAYS PER WEEK	No	CONDENSATE WATER
3	510	3-510-OPN-1	13S/SWSC	1LV1	117	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	510	3-510-OPN-1	13S/SWSC	1SH1	117	REST ROOM			5 DAYS PER WEEK	No	SHOWER
3	510	3-510-OPN-1	13S/SWSC	1TL1	117	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	510	3-510-OPN-1	13S/SWSC	1UR1	117	REST ROOM			5 DAYS PER WEEK	No	URINAL
3	510	3-510-OPN-1	13S/SWSC	1WF1	100A	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	510	3-510-OPN-1	13S/SWSC	2LV01	210	PHOTO LAB			5 DAYS PER WEEK	No	LAVATORY
3	510	3-510-OPN-1	13S/SWSC	2LV03	202	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	510	3-510-OPN-1	13S/SWSC	2LV04	202	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	510	3-510-OPN-1	13S/SWSC	2LV05	211	PHOTO LAB			5 DAYS PER WEEK	No	LAVATORY
3	510	3-510-OPN-1	13S/SWSC	2LV08	209	PHOTO LAB			5 DAYS PER WEEK	No	LAVATORY
3	510	3-510-OPN-1	13S/SWSC	2LV09	207	DARK ROOM			5 DAYS PER WEEK	No	LAVATORY
3	510	3-510-OPN-1	13S/SWSC	2SH1	202	REST ROOM			5 DAYS PER WEEK	No	SHOWER
3	510	3-510-OPN-1	13S/SWSC	2TL1	202	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	510	3-510-OPN-1	13S/SWSC	2TL2	202	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	510	3-510-OPN-1	13S/SWSC	2WF1	200A	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	510	3-510-OPN-2	DAYLIGHT	N/A	115	FIRE WATER DRAIN			ANNUAL TESTING	No	FIRE WATER
3	510	3-510-OPN-3	DAYLIGHT	N/A	115	EQUIPMENT ROOM			FLOW IS NIL	No	STEAM CONDENSATE
3	510	3-510-OPN-4	DAYLIGHT	N/A	ROOF	ROOF DRAIN			MOSTLY SUMMERS	Yes	STORM WATER
3	510	3-510-OPN-5	DAYLIGHT	N/A	ROOF	ROOF DRAIN			MOSTLY SUMMERS	Yes	STORM WATER
3	510	3-510-OPN-6	06A183/SWSC	1FS1	102	DARK ROOM			FLOW IS NIL	No	PHOTO RINSE
3	510	3-510-OPN-6	06A183/SWSC	1FS2	104	DARK ROOM			FLOW IS NIL	No	PHOTO RINSE
3	510	3-510-OPN-6	06A183/SWSC	1FS3	100	DARK ROOM			FLOW IS NIL	No	PHOTO RINSE
3	510	3-510-OPN-6	06A183/SWSC	1FS4	113	PHOTO LAB			5 DAYS PER WEEK	No	PHOTO RINSE
3	510	3-510-OPN-6	06A183/SWSC	1FS5	116	PHOTO LAB			5 DAYS PER WEEK	No	PHOTO RINSE
3	510	3-510-OPN-6	06A183/SWSC	1FS6	116	PHOTO LAB			5 DAYS PER WEEK	No	PHOTO RINSE
3	510	3-510-OPN-6	06A183/SWSC	1FS7	104	DARK ROOM			5 DAYS PER WEEK	No	PHOTO RINSE

REPORT # 59

TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE		PERIODICITY	SEASONAL	SOURCE TYPES
3	510	3-510-OPN-6	06A183/SWSC	1FS8	102	DARK ROOM			5 DAYS PER WEEK	No	PHOTO RINSE
3	510	3-510-OPN-6	06A183/SWSC	2FS1	210	PHOTO LAB			FLOW IS NIL	No	PHOTO RINSE
3	510	3-510-OPN-6	06A183/SWSC	2FS2	201	PHOTO LAB			FLOW IS NIL	No	PHOTO RINSE
3	510	3-510-OPN-6	06A183/SWSC	2FS3	211	DARK ROOM			FLOW IS NIL	No	PHOTO RINSE
3	510	3-510-OPN-6	06A183/SWSC	2FS4	209	PHOTO LAB			5 DAYS PER WEEK	No	PHOTO RINSE
3	510	3-510-OPN-6	06A183/SWSC	2FS5	213	DARK ROOM			5 DAYS PER WEEK	No	PHOTO RINSE
3	510	3-510-OPN-7	CLW HLD TK	1EW1	116	PHOTO LAB			FLOW IS NIL	No	EYE WASH
3	510	3-510-OPN-7	CLW HLD TK	1FD1	113B	DARK ROOM			FLOW IS NIL	No	PHOTO CHEMICAL LIQ. WASTE
3	510	3-510-OPN-7	CLW HLD TK	1FD2	113	PHOTO LAB			FLOW IS NIL	No	CLW
3	510	3-510-OPN-7	CLW HLD TK	1FD4	113	PHOTO LAB			FLOW IS NIL	No	CLW
3	510	3-510-OPN-7	CLW HLD TK	1FD5	116	PHOTO LAB			FLOW IS NIL	No	CLW
3	510	3-510-OPN-7	CLW HLD TK	2EW1	210A	PHOTO LAB			FLOW IS NIL	No	CLW
3	510	3-510-OPN-7	CLW HLD TK	2EW2	209	PHOTO LAB			FLOW IS NIL	No	CLW
3	510	3-510-OPN-7	CLW HLD TK	2FD1	210	PHOTO LAB			FLOW IS NIL	No	CLW
3	510	3-510-OPN-7	CLW HLD TK	2FD2	201	PHOTO LAB			FLOW IS NIL	No	CLW
3	510	3-510-OPN-7	CLW HLD TK	2FD3	213	DARK ROOM			FLOW IS NIL	No	CLW
3	510	3-510-OPN-7	CLW HLD TK	2FD4	213	DARK ROOM			FLOW IS NIL	No	CLW
3	510	3-510-OPN-7	CLW HLD TK	2FD5	211	PHOTO LAB			FLOW IS NIL	No	CLW
3	510	3-510-OPN-7	CLW HLD TK	2LV02	210	PHOTO LAB			5 DAYS PER WEEK	No	CLW
3	510	3-510-OPN-7	CLW HLD TK	2LV06	211	PHOTO LAB			5 DAYS PER WEEK	No	CLW
3	510	3-510-OPN-7	CLW HLD TK	2LV07	209	PHOTO LAB			5 DAYS PER WEEK	No	CLW
3	1559	3-1559-OPN-01	13S/SWSC	1LV1	105	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	1559	3-1559-OPN-01	13S/SWSC	1SD1	102	BREAK ROOM			5 DAYS PER WEEK	No	DISH WASHINGS
3	1559	3-1559-OPN-01	13S/SWSC	1SD2	102	BREAK ROOM			5 DAYS PER WEEK	No	DISH WASHINGS
3	1559	3-1559-OPN-01	13S/SWSC	1TL1	105	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	1559	3-1559-OPN-02	DAYLIGHT	N/A	102	FIRE WATER DRAIN			ANNUAL TESTING	No	FIRE WATER
3	1559	3-1559-OPN-03	DAYLIGHT	N/A	102	FIRE WATER DRAIN			ANNUAL TESTING	No	FIRE WATER
3	1559	3-1559-OPN-04	DAYLIGHT	N/A	102	FIRE WATER DRAIN			ANNUAL TESTING	No	FIRE WATER
3	1559	3-1559-OPN-05	DAYLIGHT	N/A	102	FIRE WATER DRAIN			ANNUAL TESTING	No	FIRE WATER
3	1559	3-1559-OPN-06	DAYLIGHT	N/A	102	FIRE WATER DRAIN			ANNUAL TESTING	No	FIRE WATER
3	1559	3-1559-OPN-07	DAYLIGHT	N/A	102	FIRE WATER DRAIN			ANNUAL TESTING	No	FIRE WATER
3	1559	3-1559-OPN-08	DAYLIGHT	N/A	ROOF	ROOF DRAIN			MOSTLY SUMMERS	Yes	STORM WATER
3	1559	3-1559-OPN-09	DAYLIGHT	N/A	ROOF	ROOF DRAIN			MOSTLY SUMMERS	Yes	STORM WATER

REPORT # 59

TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE		PERIODICITY	SEASONAL	SOURCE TYPES
3	1559	3-1559-OPN-10	DAYLIGHT	N/A	ROOF	ROOF DRAIN			MOSTLY SUMMERS	Yes	STORM WATER
3	1559	3-1559-OPN-11	DAYLIGHT	N/A	ROOF	ROOF DRAIN			MOSTLY SUMMERS	Yes	STORM WATER
3	1559	3-1559-OPN-12	DAYLIGHT	N/A	ROOF	ROOF DRAIN			MOSTLY SUMMERS	Yes	STORM WATER
3	1559	3-1559-OPN-13	DAYLIGHT	N/A	ROOF	ROOF DRAIN			MOSTLY SUMMERS	Yes	STORM WATER
3	1559	3-1559-OPN-14	DAYLIGHT	N/A	ROOF	ROOF DRAIN			MOSTLY SUMMERS	Yes	STORM WATER
3	1559	3-1559-OPN-15	DAYLIGHT	N/A	ROOF	ROOF DRAIN			MOSTLY SUMMERS	Yes	STORM WATER
3	1559	3-1559-OPN-16	DAYLIGHT	N/A	ROOF	ROOF DRAIN			MOSTLY SUMMERS	Yes	STORM WATER
3	1559	3-1559-OPN-17	DAYLIGHT	N/A	ROOF	ROOF DRAIN			MOSTLY SUMMERS	Yes	STORM WATER
3	1559	3-1559-OPN-18	DAYLIGHT	N/A	ROOF	ROOF DRAIN			MOSTLY SUMMERS	Yes	STORM WATER
3	1566	3-1566-OPN-1	13S/SWSC	1LV1	108	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	1566	3-1566-OPN-1	13S/SWSC	1SD1	109A	BREAK ROOM			5 DAYS PER WEEK	No	DISH WASHINGS
3	1566	3-1566-OPN-1	13S/SWSC	1TL1	108	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	1566	3-1566-OPN-1	13S/SWSC	1WF1	109	OFFICE			5 DAYS PER WEEK	No	DRINKING WATER
3	1566	3-1566-OPN-2	13S/SWSC	1AC1	109A	AIR CONDITIONER DRAIN			FLOW IS NIL	No	CONDENSED WATER
3	1573	3-1573-OPN-1	13S/SWSC	1LV1	102A	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	1573	3-1573-OPN-1	13S/SWSC	1TL1	102A	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	1573	3-1573-OPN-2	DAYLIGHT	1WH1	102A	HOT WATER HEATER PRV			FLOW IS NIL	No	POTABLE WATER
3	1574	3-1574-OPN-1	13S/SWSC	1LV1	102A	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	1574	3-1574-OPN-1	13S/SWSC	1TL1	102A	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	1574	3-1574-OPN-2	DAYLIGHT	1WH1	102A	HOT WATER HEATER PRV			FLOW IS NIL	No	POTABLE WATER
3	1588	3-1588-OPN-1	13S/SWSC	1LV1	105	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	1588	3-1588-OPN-1	13S/SWSC	1SD1	100	CORRIDOR			5 DAYS PER WEEK	No	DISH WASHINGS
3	1588	3-1588-OPN-1	13S/SWSC	1TL1	105	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	1588	3-1588-OPN-1	13S/SWSC	1WF1	101	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	1588	3-1588-OPN-2	DAYLIGHT	1WH1	100A	HOT WATER HEATER PRV			FLOW IS NIL	No	POTABLE WATER
3	1589	3-1589-OPN-1	DAYLIGHT	RD1	N/A	ROOF			MOSTLY SUMMER	Yes	STORM WATER
3	1589	3-1589-OPN-1	DAYLIGHT	RD2	N/A	ROOF			MOSTLY SUMMER	Yes	STORM WATER
3	1589	3-1589-OPN-1	DAYLIGHT	RD3	N/A	ROOF			MOSTLY SUMMER	Yes	STORM WATER
3	1589	3-1589-OPN-1	DAYLIGHT	RD4	N/A	ROOF			MOSTLY SUMMER	Yes	STORM WATER
3	1589	3-1589-OPN-2	DAYLIGHT	N/A	N/A	ROOF GUTTER			MOSTLY SUMMER	Yes	STORM WATER
3	1690	3-1690-OPN-1	13S/SWSC	1FD1	A141	COMPUTER ROOM			NO FLOW	No	NONE
3	1690	3-1690-OPN-1	13S/SWSC	1FD2	A135A	COMPUTER ROOM			NO FLOW	No	NONE
3	1690	3-1690-OPN-1	13S/SWSC	1FD3	B124	COMPUTER ROOM			NO FLOW	No	NONE

REPORT # 59

TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE		PERIODICITY	SEASONAL	SOURCE TYPES
3	1690	3-1690-OPN-1	13S/SWSC	1FD4	C107A	EQUIPMENT ROOM			FLOW IS NIL	No	FLOOR WASHING
3	1690	3-1690-OPN-1	13S/SWSC	1FD5	B120	REST ROOM			FLOW IS NIL	No	FLOOR WASHING
3	1690	3-1690-OPN-1	13S/SWSC	1FD6	A137	REST ROOM			FLOW IS NIL	No	FLOOR WASHING
3	1690	3-1690-OPN-1	13S/SWSC	1LV1	A137	REST ROOM			5 DAYS PER WEEK	No	HAND WASHING
3	1690	3-1690-OPN-1	13S/SWSC	1LV2	A137	REST ROOM			5 DAYS PER WEEK	No	HAND WASHING
3	1690	3-1690-OPN-1	13S/SWSC	1LV3	B120	REST ROOM			5 DAYS PER WEEK	No	HAND WASHING
3	1690	3-1690-OPN-1	13S/SWSC	1LV4	B120	REST ROOM			5 DAYS PER WEEK	No	HAND WASHING
3	1690	3-1690-OPN-1	13S/SWSC	1SD1	C100	CORRIDOR			5 DAYS PER WEEK	No	DISH WASHING
3	1690	3-1690-OPN-1	13S/SWSC	1SD2	C109	JANITOR'S CLOSET			5 DAYS PER WEEK	No	FLOOR WASHINGS
3	1690	3-1690-OPN-1	13S/SWSC	1SH1	A137	REST ROOM			5 DAYS PER WEEK	No	SHOWER
3	1690	3-1690-OPN-1	13S/SWSC	1SH2	B120	REST ROOM			5 DAYS PER WEEK	No	SHOWER
3	1690	3-1690-OPN-1	13S/SWSC	1TL1	A137	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	1690	3-1690-OPN-1	13S/SWSC	1TL2	B120	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	1690	3-1690-OPN-1	13S/SWSC	1TL3	B120	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	1690	3-1690-OPN-1	13S/SWSC	1TL4	A137	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	1690	3-1690-OPN-1	13S/SWSC	1UR1	B120	REST ROOM			5 DAYS PER WEEK	No	URINAL
3	1690	3-1690-OPN-1	13S/SWSC	1UR2	B120	REST ROOM			5 DAYS PER WEEK	No	URINAL
3	1690	3-1690-OPN-1	13S/SWSC	1WF1	A100	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	1690	3-1690-OPN-1	13S/SWSC	1WF2	C100	CORRIDOR			5 DAYS PER WEEK	No	DRINKING WATER
3	1690	3-1690-OPN-2	DAYLIGHT	N/A	C101B	FIRE WATER DRAIN			ANNUAL TESTING	No	FIRE WATER
3	1690	3-1690-OPN-3	DAYLIGHT	N/A	ROOF	ROOF DRAIN			MOSTLY SUMMERS	Yes	STORM WATER
3	1690	3-1690-OPN-4	DAYLIGHT	N/A	ROOF	ROOF DRAIN			MOSTLY SUMMERS	Yes	STORM WATER
3	1690	3-1690-OPN-5	DAYLIGHT	N/A	C107A	FIRE WATER DRAIN			ANNUAL TESTING	No	FIRE WATER
3	1690	3-1690-OPN-6	DAYLIGHT	N/A	C107A	FIRE WATER DRAIN			ANNUAL TESTING	No	FIRE WATER
3	1690	3-1690-OPN-7	DAYLIGHT	N/A	C107A	FIRE WATER DRAIN			ANNUAL TESTING	No	FIRE WATER
3	1690	3-1690-OPN-8	DAYLIGHT	N/A	ROOF	ROOF DRAIN			MOSTLY SUMMERS	Yes	STORM WATER
3	1690	3-1690-OPN-9	DAYLIGHT	N/A	ROOF	ROOF DRAIN			MOSTLY SUMMERS	Yes	STORM WATER
3	1725	3-1725-OPN-1	13S/SWSC	1LV1	102A	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
3	1725	3-1725-OPN-1	13S/SWSC	1TL1	102A	REST ROOM			5 DAYS PER WEEK	No	TOILET
3	1725	3-1725-OPN-2	DAYLIGHT	1WH1	102A	HOT WATER HEATER PRV			FLOW IS NIL	No	POTABLE WATER

Please print or type in the unshaded areas only.

EPA I.D. NUMBER (copy from Item 1 of Form 1): NM0890010515

Form Approved.
OMB No. 2040-0086
Approval expires 7-31-88

FORM 2C NPDES

EPA

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER
EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICULTURAL OPERATIONS
Consolidated Permits Program

I. OUTFALL LOCATION

For each outfall, list the latitude and longitude of its location to the nearest 15 seconds and the name of the receiving water.

A. OUTFALL NUMBER (list)	B. LATITUDE			C. LONGITUDE			D. RECEIVING WATER (name)
	1. DEG.	2. MIN.	3. SEC.	1. DEG.	2. MIN.	3. SEC.	
06A183	35	52	25	106	19	29	Tributary to Sandia Canyon, an ephemeral tributary to Rio Grande

II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES

A. Attach a line drawing showing the water flow through the facility. Indicate sources of intake water, operations contributing wastewater to the effluent, and treatment units labeled to correspond to the more detailed descriptions in Item B. Construct a water balance on the line drawing by showing average flows between intakes, operations, treatment units, and outfalls. If a water balance cannot be determined *(e.g., for certain mining activities)*, provide a pictorial description of the nature and amount of any sources of water and any collection or treatment measures.

B. For each outfall, provide a description of: (1) All operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and storm water runoff; (2) The average flow contributed by each operation; and (3) The treatment received by the wastewater. Continue on additional sheets if necessary.

1. OUTFALL NO. (list)	2. OPERATION(S) CONTRIBUTING FLOW		3. TREATMENT		
	a. OPERATION (list)	b. AVERAGE FLOW (include units)	a. DESCRIPTION	b. LIST CODES FROM TABLE 2C-1	
06A183	3-510-OPN-6				
	Photo rinse water	9000 GPD	None		

OFFICIAL USE ONLY *(effluent guidelines sub-categories)*

CONTINUED FROM THE FRONT

C. Except for storm runoff, leaks, or spills, are any of the discharges described in Items II-A or B intermittent or seasonal?

☒ YES *(complete the following table)* ☐ NO *(go to Section III)*

1. OUTFALL NUMBER *(list)*	2. OPERATION(s) CONTRIBUTING FLOW *(list)*	3. FREQUENCY a. DAYS PER WEEK *(specify average)*	3. FREQUENCY b. MONTHS PER YEAR *(specify average)*	4. FLOW a. FLOW RATE *(in mgd)* 1. LONG TERM AVERAGE	4. FLOW a. FLOW RATE *(in mgd)* 2. MAXIMUM DAILY	4. FLOW b. TOTAL VOLUME *(specify with units)* 1. LONG TERM AVERAGE	4. FLOW b. TOTAL VOLUME *(specify with units)* 2. MAXIMUM DAILY	4. FLOW c. DURATION *(in days)*
06A183	Photo rinse water	5	12	0.009	0.009	9000 GPD	9000 GPD	260 day/yr

III. PRODUCTION

A. Does an effluent guideline limitation promulgated by EPA under Section 304 of the Clean Water Act apply to your facility?

☒ YES *(complete Item III-B)* ☐ NO *(to to Section IV)*

B. Are the limitations in the applicable effluent guideline expressed in terms of production *(or other measure of operation)*?

☒ YES *(complete Item III-C)* ☐ NO *(go to Section IV)*

C. If you answered "yes" to Item III-B, list the quantity which represents an actual measurement of your level of production, expressed in the terms and units used in the applicable effluent guideline, and indicate the affected outfalls.

1. AVERAGE DAILY PRODUCTION a. QUANTITY PER DAY	b. UNITS OF MEASURE	c. OPERATION, PRODUCT, MATERIAL, ETC. *(specify)*	2. AFFECTED OUTFALLS *(list outfall numbers)*
<150	square meters	Photo rinse	06A183

IV. IMPROVEMENTS

A. Are you now required by any Federal, State or local authority to meet any implementation schedule for the construction, upgrading or operation of wastewater treatment equipment or practices or any other environmental programs which may affect the discharges described in this application? This includes, but is not limited to, permit conditions, administrative or enforcement orders, enforcement compliance schedule letters, stipulations, court orders, and grant or loan conditions.

☐ YES *(complete the following table)* ☐ NO *(go to Item IV-B)*

1. IDENTIFICATION OF CONDITION, AGREEMENT, ETC.	2. AFFECTED OUTFALLS a. NO.	2. AFFECTED OUTFALLS b. SOURCE OF DISCHARGE	3. BRIEF DESCRIPTION OF PROJECT	4. FINAL COMPLIANCE DATE a. REQUIRED	4. FINAL COMPLIANCE DATE b. PROJECTED
EPA Docket No. VI-92-1306		All	Complete Waste Stream Characterization surveys and implement corrective actions.	7/31/93	FY96

B. OPTIONAL: You may attach additional sheets describing any additional water pollution control programs *(or other environmental projects which may affect your discharges)* you now have underway or which you plan. Indicate whether each program is now underway or planned, and indicate your actual or planned schedules for construction. ☐ MARK "X" IF DESCRIPTION OF ADDITIONAL CONTROL PROGRAMS IS ATTACHED

 CONTINUE ON PAGE 3

CONTINUED FROM PAGE 2

EPA I.D. NUMBER (copy from Item 1 of Form 1)
NM0890010515

Form Approved.
OMB No. 2040-0086
Approval expires 7-31-88

V. INTAKE AND EFFLUENT CHARACTERISTICS

A, B, & C: See instructions before proceeding — Complete one set of tables for each outfall — Annotate the outfall number in the space provided.
NOTE: Tables V-A, V-B, and V-C are included on separate sheets numbered V-1 through V-9.

D. Use the space below to list any of the pollutants listed in Table 2c-3 of the instructions, which you know or have reason to believe is discharged or may be discharged from any outfall. For every pollutant you list, briefly describe the reasons you believe it to be present and report any analytical data in your possession.

1. POLLUTANT	2. SOURCE	1. POLLUTANT	2. SOURCE
see datasheet			

VI. POTENTIAL DISCHARGES NOT COVERED BY ANALYSIS

Is any pollutant listed in Item V-C a substance or a component of a substance which you currently use or manufacture as an intermediate or final product or byproduct?

☐ YES (list all such pollutants below) ☒ NO (go to Item VI-B)

CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

VII. BIOLOGICAL TOXICITY TESTING DATA

Do you have any knowledge or reason to believe that any biological test for acute or chronic toxicity has been made on any of your discharges or on a receiving water in relation to your discharge within the last 3 years?

☐ YES *(identify the test(s) and describe their purposes below)* ☒ NO *(go to Section VIII)*

VIII. CONTRACT ANALYSIS INFORMATION

Were any of the analyses reported in Item V performed by a contract laboratory or consulting firm?

☐ YES *(list the name, address, and telephone number of, and pollutants analyzed by, each such laboratory or firm below)* ☒ NO *(go to Section IX)*

A. NAME	B. ADDRESS	C. TELEPHONE *(area code & no.)*	D. POLLUTANTS ANALYZED *(list)*

IX. CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. NAME & OFFICIAL TITLE *(type or print)*	B. PHONE NO. *(area code & no.)*
JERRY L. BELLOWS, AREA MANAGER, DOE	505-667-5105
ALLEN J. TIEDMAN, ASSOC. DIRECTOR FOR OPERATIONS	505-667-9390
C. SIGNATURE	D. DATE SIGNED

Data from worst case composite.

PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets *(use the same format)* instead of completing these pages. SEE INSTRUCTIONS.

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*: NM0890010515

Form Approved. OMB No. 2040-0086 Approval expires 7-31-88

V. INTAKE AND EFFLUENT CHARACTERISTICS *(continued from page 3 of Form 2-C)*

OUTFALL NO. 06A183

PART A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

1. POLLUTANT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	3. UNITS (specify if blank) a. CONCENTRATION	b. MASS	4. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand *(BOD)*	33.6	1.1						mg/l	g/d			
b. Chemical Oxygen Demand *(COD)*	35.0	1.2						mg/l	g/d			
c. Total Organic Carbon *(TOC)*	6.1	207.8						mg/l	g/d			
d. Total Suspended Solids *(TSS)*	1.0	34.1						mg/l	g/d			
e. Ammonia *(as N)*	7.5	255.48						mg/l	g/d			
f. Flow	VALUE 9000		VALUE		VALUE			gal/day		VALUE		
g. Temperature *(winter)*	VALUE 2.31		VALUE		VALUE			°C		VALUE		
h. Temperature *(summer)*	VALUE N/A		VALUE		VALUE			°C		VALUE		
i. pH	MINIMUM 7.0	MAXIMUM 8.8	MINIMUM	MAXIMUM				STANDARD UNITS				

PART B - Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. *(if available)*	2. MARK 'X' a. BELIEVED PRESENT	b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)	X		< 3.1	< 105.6						mg/l	g/d			
b. Chlorine, Total Residual		X	0.0	0.0						mg/l	mg/d			
c. Color	X		10							units				
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)	X		0.3	10.2						mg/l	g/d			
f. Nitrate-Nitrite *(as N)*	X		0.357	12.2						mg/l	g/d			

CONTINUE ON REVERSE

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X' a. BELIEVED PRESENT	2. MARK 'X' b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	4. UNITS b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
g. Nitrogen, Total Organic (as N)	X		< 15.6	< 531.4						mg/l	g/d			
h. Oil and Grease	X		< 4.22	< 143.8						mg/l	g/d			
i. Phosphorus (as P), Total (7723-14-0)	X		0.156	5.3						mg/l	g/d			
j. Radioactivity														
(1) Alpha, Total	X		0.5	17.0						pCi/l	nCi/d			
(2) Beta, Total	X		6.7	228.2						pCi/l	nCi/d			
(3) Radium, Total	X													
(4) Radium 226, Total	X		0.05	1.7						pCi/l	nCi/d			
k. Sulfate (as SO_4) (14808-79-8)	X		77.3	2.6						mg/l	kg/d			
l. Sulfide (as S)		X	< .05	< 1.7						mg/l	g/d			
m. Sulfite (as SO_3) (14265-45-3)	X		13.1	446.3						mg/l	g/d			
n. Surfactants	X		0.1	3.4						mg/l	g/d			
o. Aluminum, Total (7429-90-5)	X		0.56	19.1						mg/l	g/d			
p. Barium, Total (7440-39-3)	X		0.03	1.0						mg/l	g/d			
q. Boron, Total (7440-42-8)	X		0.52	17.7						mg/l	g/d			
r. Cobalt, Total (7440-48-4)		X	< 0.1	< 3.4						mg/l	g/d			
s. Iron, Total (7439-89-6)	X		0.74	25.2						mg/l	g/d			
t. Magnesium, Total (7439-95-4)	X		3.3	112.4						mg/l	g/d			
u. Molybdenum, Total (7439-98-7)		X	< 0.02	< 0.7						mg/l	g/d			
v. Manganese, Total (7439-96-5)	X		0.01	0.3						mg/l	g/d			
w. Tin, Total (7440-31-5)		X	< 0.050	< 1.7						mg/l	g/d			
x. Titanium, Total (7440-32-6)		X	< 0.004	< 0.1						mg/l	g/d			

CONTINUE ON PAGE V - 3

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
NM0890010515	06A183

Form Approved.
OMB No. 2040-0086
Approval expires 7-31-88

CONTINUED FROM PAGE 3 OF FORM 2-C

PART C - If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a *(secondary industries, nonprocess wastewater outfalls, and nonrequired GC/MS fractions)*, mark "X" in column 2-b for each pollutant you know or have reason to believe is present. Mark "X" in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2,4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table *(all 7 pages)* for each outfall. See instructions for additional details and requirements.

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (if available) (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (if available) (2) MASS	d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)			X	< 0.050	< 1.7						mg/l	g/d			
2M. Arsenic, Total (7440-38-2)			X	< 0.002	< 68.1						mg/l	mg/d			
3M. Beryllium, Total, 7440-41-7)			X	< 0.001	< 34.1						mg/l	mg/d			
4M. Cadmium, Total (7440-43-9)			X	< 0.010	< 0.3						mg/l	g/d			
5M. Chromium, Total (7440-47-3)		X		0.087	3.0						mg/l	g/d			
6M. Copper, Total (7440-50-8)		X		0.052	1.8						mg/l	g/d			
7M. Lead, Total (7439-92-1)			X	< 0.050	< 1.7						mg/l	g/d			
8M. Mercury, Total (7439-97-6)			X	< 0.0002	< 6.8						mg/l	mg/d			
9M. Nickel, Total (7440-02-0)		X		0.16	5.5						mg/l	g/d			
10M. Selenium, Total (7782-49-2)		X		0.001	34.1						mg/l	mg/d			
11M. Silver, Total (7440-22-4)		X		0.214	7.3						mg/l	g/d			
12M. Thallium, Total (7440-28-0)		X		1	34.1						mg/l	g/d			
13M. Zinc, Total (7440-66-6)			X	< 0.045	< 1.5						mg/l	g/d			
14M. Cyanide, Total (57-12-5)		X		0.01	0.3						mg/l	g/d			
15M. Phenols, Total			X	< 0.01	< 0.3						mg/l	g/d			
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (1764-01-6)			X	DESCRIBE RESULTS											

CONTINUE ON REVERSE

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)			X												
2V. Acrylonitrile (107-13-1)			X												
3V. Benzene (71-43-2)			X	< 0.005	< 0.2						mg/l	g/d			
4V. Bis (Chloromethyl) Ether (542-88-1)			X												
5V. Bromoform (75-25-2)			X	< 0.005	< 0.2						mg/l	g/d			
6V. Carbon Tetrachloride (56-23-5)			X	< 0.005	< 0.2						mg/l	g/d			
7V. Chlorobenzene (108-90-7)			X	< 0.005	< 0.2						mg/l	g/d			
8V. Chlorodibromomethane (124-48-1)			X	< 0.005	< 0.2						mg/l	g/d			
9V. Chloroethane (75-00-3)			X	< 0.010	< 0.3						mg/l	g/d			
10V. 2-Chloroethylvinyl Ether (110-75-8)			X												
11V. Chloroform (67-66-3)			X	< 0.005	< 0.2						mg/l	g/d			
12V. Dichlorobromomethane (75-27-4)			X	< 0.005	< 0.2						mg/l	g/d			
13V. Dichlorodifluoromethane (75-71-8)			X												
14V. 1,1-Dichloroethane (75-34-3)			X	< 0.005	< 0.2						mg/l	g/d			
15V. 1,2-Dichloroethane (107-06-2)			X	< 0.005	< 0.2						mg/l	g/d			
16V. 1,1-Dichloroethylene (75-35-4)			X	< 0.005	< 0.2						mg/l	g/d			
17V. 1,2-Dichloropropane (78-87-5)			X	< 0.005	< 0.2						mg/l	kg/d			
18V. 1,3-Dichloropropylene (542-75-6)			X	<	< 0.0						mg/l	mg/d			
19V. Ethylbenzene (100-41-4)			X	< 0.005	< 0.2						mg/l	g/d			
20V. Methyl Bromide (74-83-9)			X	< 0.010	< 0.3						mg/l	g/d			
21V. Methyl Chloride (74-87-3)			X	< 0.010	< 0.3						mg/l	g/d			

CONTINUE ON PAGE V-5

CONTINUED FROM PAGE V-4

EPA I.D. NUMBER (copy from Item 1 of Form 1): NM0890010515

OUTFALL NUMBER: 06A183

OMB No. 2040-0086
Approval expires 7-31-88

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – VOLATILE COMPOUNDS *(continued)*															
22V. Methylene Chloride (75-09-2)			X	< 0.005	< 0.2						mg/l	g/d			
23V. 1,1,2,2-Tetrachloroethane (79-34-5)			X	< 0.005	< 0.2						mg/l	g/d			
24V. Tetrachloroethylene (127-18-4)			X	< 0.005	< 0.2						mg/l	g/d			
25V. Toluene (108-88-3)			X	< 0.005	< 0.2						mg/l	g/d			
26V. 1,2-Trans-Dichloroethylene (156-60-5)			X	< 0.005	< 0.2						mg/l	g/d			
27V. 1,1,1-Trichloroethane (71-55-6)			X	< 0.005	< 0.2						mg/l	g/d			
28V. 1,1,2-Trichloroethane (79-00-5)			X	< 0.005	< 0.2						mg/l	g/d			
29V. Trichloroethylene (79-01-6)			X	< 0.005	< 0.2						mg/l	g/d			
30V. Trichlorofluoromethane (75-69-4)			X	< 0.005	< 0.2						mg/l	g/d			
31V. Vinyl Chloride (75-01-4)			X	< 0.010	< 0.3						mg/l	g/d			
GC/MS FRACTION – ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)			X	< 0.010	< 0.3						mg/l	g/d			
2A. 2,4-Dichlorophenol (120-83-2)			X	< 0.010	< 0.3						mg/l	g/d			
3A. 2,4-Dimethylphenol (105-67-9)			X	< 0.010	< 0.3						mg/l	g/d			
4A. 4,6-Dinitro-O-Cresol (534-52-1)			X	< 0.010	< 0.3						mg/l	g/d			
5A. 2,4-Dinitrophenol (51-28-5)			X	< 0.010	< 0.3						mg/l	g/d			
6A. 2-Nitrophenol (88-75-5)			X	< 0.010	< 0.3						mg/l	g/d			
7A. 4-Nitrophenol (100-02-7)			X	< 0.010	< 0.3						mg/l	g/d			
8A. P-Chloro-M-Cresol (59-50-7)			X	< 0.010	< 0.3						mg/l	g/d			
9A. Pentachlorophenol (87-86-5)			X	< 0.010	< 0.3						mg/l	g/d			
10A. Phenol (108-95-2)			X	< 0.010	< 0.3						mg/l	g/d			
11A. 2,4,6-Trichlorophenol (88-06-2)			X	< 0.010	< 0.3						mg/l	g/d			

CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)			X	< 0.010	< 0.3						mg/l	mg/d			
2B. Acenaphtylene (208-96-8)			X	< 0.010	< 0.3						mg/l	mg/d			
3B. Anthracene (120-12-7)			X	< 0.010	< 0.3						mg/l	mg/d			
4B. Benzidine (92-87-5)			X	< 0.010	< 0.3						mg/l	mg/d			
5B. Benzo *(a)* Anthracene (56-55-3)			X	< 0.010	< 0.3						mg/l	mg/d			
6B. Benzo *(a)* Pyrene (50-32-8)			X	< 0.010	< 0.3						mg/l	mg/d			
7B. 3,4-Benzo-fluoranthene (205-99-2)			X	< 0.010	< 0.3						mg/l	mg/d			
8B. Benzo *(ghi)* Perylene (191-24-2)			X	< 0.010	< 0.3						mg/l	mg/d			
9B. Benzo *(k)* Fluoranthene (207-08-9)			X	< 0.010	< 0.3						mg/l	mg/d			
10B. Bis *(2-Chloro-ethoxy)* Methane (111-91-1)			X	< 0.010	< 0.3						mg/l	mg/d			
11B. Bis *(2-Chloro-ethyl)* Ether (111-44-4)			X	< 0.010	< 0.3						mg/l	mg/d			
12B. Bis *(2-Chloroiso-propyl)* Ether (102-60-1)			X	< 0.010	< 0.3						mg/l	mg/d			
13B. Bis *(2-Ethyl-hexyl)* Phthalate (117-81-7)			X	< 0.010	< 0.3						mg/l	mg/d			
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)			X	< 0.010	< 0.3						mg/l	mg/d			
15B. Butyl Benzyl Phthalate (85-68-7)			X	< 0.010	< 0.3						mg/l	mg/d			
16B. 2-Chloro-naphthalene (91-58-7)			X	< 0.010	< 0.3						mg/l	mg/d			
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)			X	< 0.010	< 0.3						mg/l	mg/d			
18B. Chrysene (218-01-9)			X	< 0.010	< 0.3						mg/l	mg/d			
19B. Dibenzo *(a,h)* Anthracene (53-70-3)			X	< 0.010	< 0.3						mg/l	mg/d			
20B. 1,2-Dichloro-benzene (95-50-1)			X	< 0.010	< 0.3						mg/l	mg/d			
21B. 1,3-Dichloro-benzene (541-73-1)			X	< 0.010	< 0.3						mg/l	g/d			

CONTINUE ON PAGE V-7

CONTINUED FROM PAGE V-6

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
NM0890010515	06A183

Form Approved.
OMB No. 2040-0086
Approval expires 7-31-88

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (continued)															
22B. 1,4-Dichlorobenzene (106-46-7)			X	< 0.010	< 0.3						mg/l	mg/d			
23B. 3,3'-Dichlorobenzidine (91-94-1)			X	< 0.010	< 0.3						mg/l	mg/d			
24B. Diethyl Phthalate (84-66-2)			X	< 0.010	< 0.3						mg/l	mg/d			
25B. Dimethyl Phthalate (131-11-3)			X	< 0.010	< 0.0						mg/l	mg/d			
26B. Di-N-Butyl Phthalate (84-74-2)			X	< 0.010	< 0.3						mg/l	mg/d			
27B. 2,4-Dinitrotoluene (121-14-2)			X	< 0.010	< 0.3						mg/l	mg/d			
28B. 2,6-Dinitrotoluene (606-20-2)			X	< 0.010	< 0.3						mg/l	mg/d			
29B. Di-N-Octyl Phthalate (117-84-0)			X	< 0.010	< 0.3						mg/l	mg/d			
30B. 1,2-Diphenylhydrazine (as Azobenzene) (122-66-7)			X	< 0.010	< 0.3						mg/l	mg/d			
31B. Fluoranthene (206-44-0)			X	< 0.010	< 0.3						mg/l	mg/d			
32B. Fluorene (86-73-7)		X		.00028	9.5						mg/l	mg/d			
33B. Hexachlorobenzene (118-74-1)			X	< 0.010	< 0.3						mg/l	mg/d			
34B. Hexachlorobutadiene (87-68-3)			X	< 0.010	< 0.3						mg/l	mg/d			
35B. Hexachlorocyclopentadiene (77-47-4)			X	< 0.010	< 0.3						mg/l	mg/d			
36B. Hexachloroethane (67-72-1)			X	< 0.010	< 0.3						mg/l	mg/d			
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)			X	< 0.010	< 0.3						mg/l	mg/d			
38B. Isophorone (78-59-1)			X	< 0.010	< 0.3						mg/l	mg/d			
39B. Naphthalene (91-20-3)			X	< 0.010	< 0.3						mg/l	mg/d			
40B. Nitrobenzene (98-95-3)			X	< 0.010	< 0.3						mg/l	mg/d			
41B. N-Nitrosodimethylamine (62-75-9)			X	< 0.010	< 0.3						mg/l	mg/d			
42B. N-Nitrosodi-N-Propylamine (621-64-7)			X	< 0.010	< 0.3						mg/l	g/d			

CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS *(continued)*															
43B. N-Nitrosodiphenylamine (86-30-6)			X	< 0.010	< 0.3						mg/l	mg/d			
44B. Phenanthrene (85-01-8)			X	< 0.010	< 0.3						mg/l	mg/d			
45B. Pyrene (129-00-0)			X	< 0.010	< 0.3						mg/l	mg/d			
46B. 1,2,4-Trichlorobenzene (120-82-1)			X	< 0.010	< 0.3						mg/l	mg/d			
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)			X	< 0.06	< 2.0						ug/l	ug/d			
2P. α-BHC (319-84-6)			X	< 0.04	< 1.4						ug/l	ug/d			
3P. β-BHC (319-85-7)			X	< 0.1	< 3.4						ug/l	ug/d			
4P. γ-BHC (58-89-9)			X	< 0.06	< 2.0						ug/l	ug/d			
5P. δ-BHC (319-86-8)			X	< 0.12	< 4.1						ug/l	ug/d			
6P. Chlordane (57-74-9)			X	< 0.25	< 8.5						ug/l	ug/d			
7P. 4,4'-DDT (50-29-3)			X	< 0.06	< 2.0						ug/l	ug/d			
8P. 4,4'-DDE (72-55-9)			X	< 0.08	< 2.7						ug/l	ug/d			
9P. 4,4'-DDD (72-54-8)			X	< 0.08	< 2.7						ug/l	ug/d			
10P. Dieldrin (60-57-1)			X	< 0.08	< 2.7						ug/l	ug/d			
11P. α-Endosulfan (115-29-7)			X	< 0.05	< 1.7						ug/l	ug/d			
12P. β-Endosulfan (115-29-7)			X	< 0.08	< 2.7						ug/l	ug/d			
13P. Endosulfan Sulfate (1031-07-8)			X	< 0.07	< 2.4						ug/l	ug/d			
14P. Endrin (72-20-8)			X	< 0.06	< 2.0						ug/l	ug/d			
15P. Endrin Aldehyde (7421-93-4)			X	< 0.31	< 10.6						ug/l	ug/d			
16P. Heptachlor (76-44-8)			X	< 0.3	< 10.2						ug/l	mg/d			

CONTINUE ON PAGE V-9

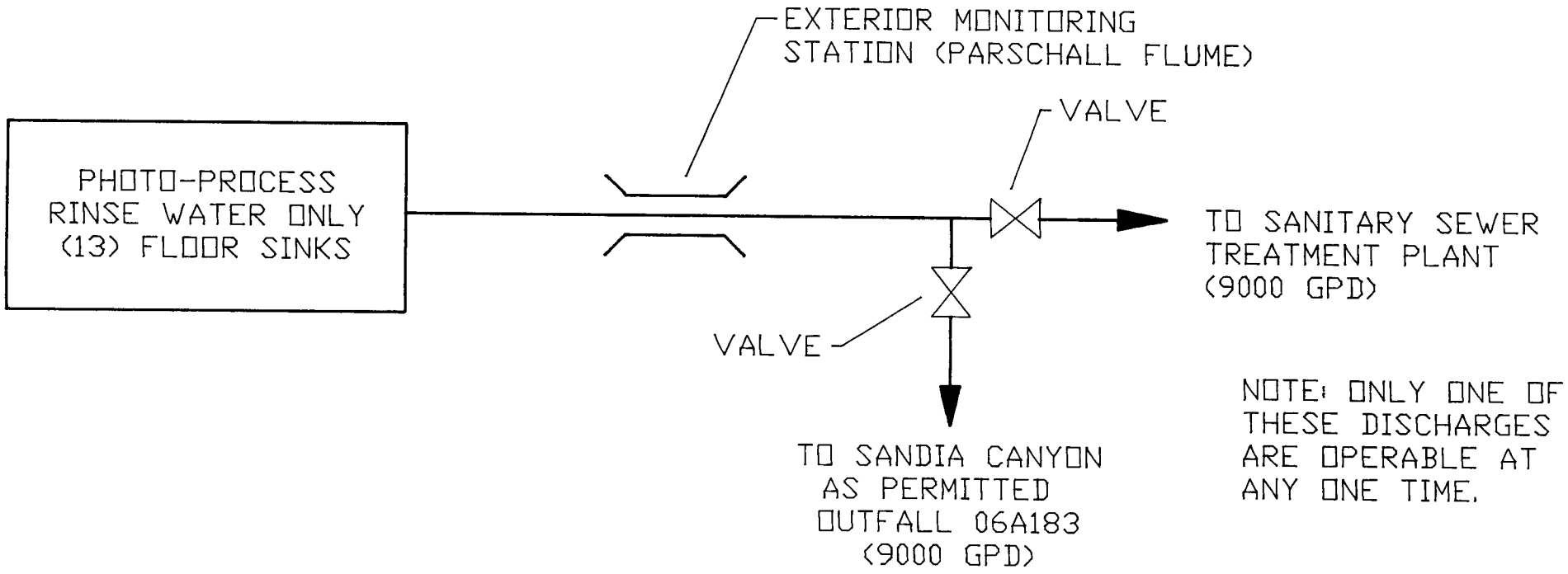
CONTINUED FROM PAGE V-8

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
NM0890010515	06A183

Form Approved.
OMB No. 2040-0086
Approval expires 7-31-88

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – PESTICIDES (continued)															
17P. Heptachlor Epoxide (1024-57-3)			X	< 0.08	< 2.7						ug/l	ug/d			
18P. PCB-1242 (53469-21-9)			X	< 0.78	< 26.6						ug/l	ug/d			
19P. PCB-1254 (11097-69-1)			X	< 0.78	< 26.6						ug/l	ug/d			
20P. PCB-1221 (11104-28-2)			X	N.D.											
21P. PCB-1232 (11141-16-5)			X	N.D.											
22P. PCB-1248 (12672-29-6)			X	N.D.											
23P. PCB-1260 (11096-82-5)			X	< 0.78	< 26.6						ug/l	ug/d			
24P. PCB-1016 (12674-11-2)			X	N.D.											
25P. Toxaphene (8001-35-2)			X	< 2.5	< 85.2						ug/l	mg/d			

☆U.S. GOVERNMENT PRINTING OFFICE : 1986 O - 491-191 (46116)



EPA PERMITTED OUTFALL 06A183

NOT TO SCALE

Please type or print in the unshaded areas only

EPA ID Number *(copy from Item 1 of Form 1)* NM0890010515

Form Approved
OMB No. 2040-0086
Approval expires 7-31-88

Form **2D** NPDES

EPA New Sources and New Dischargers Application for Permit to Discharge Process Wastewater

I. Outfall Location

For each outfall, list the latitude and longitude, and the name of the receiving water.

Outfall Number *(list)*	Latitude			Longitude			Receiving Water *(name)*
	Deg	Min	Sec	Deg	Min	Sec	
3-43-OPN-18	35	52	25	106	19	29	Tributary to Sandia Canyon, and ephemeral tributary to the Rio Grande

II. Discharge Date *(When do you expect to begin discharging?)*

Active discharge noted during waste stream characterization.

III. Flows, Sources of Pollution, and Treatment Technologies

A. For each outfall, provide a description of (1) All operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and stormwater runoff; (2) The average flow contributed by each operation; and (3) The treatment received by the wastewater. Continue on additional sheets if necessary.

Outfall Number	1. Operations Contributing Flow *(list)*	2. Average Flow *(include units)*	3. Treatment *(Description or List Codes from Table 2D-1)*
3-43-OPN-18	Water Fountain	5 GPD	None

B. Attach a line drawing showing the water flow through the facility. Indicate sources of intake water, operations contributing wastewater to the effluent, and treatment units labeled to correspond to the more detailed descriptions in Item III-A. Construct a water balance on the line drawing by showing average flows between intakes, operations, treatment units, and outfalls. If a water balance cannot be determined (e.g., for certain mining activities), provide a pictorial description of the nature and amount of any sources of water and any collection or treatment measures.

C. Except for storm runoff, leaks, or spills, will any of the discharges described in item III-A be intermittent or seasonal?

☒ Yes *(complete the following table)* ☐ No *(go to item IV)*

Outfall Number	1. Frequency		2. Flow		
	a. Days Per Week *(specify average)*	b. Months Per Year *(specify average)*	a. Maximum Daily Flow Rate *(in mgd)*	b. Maximum Total Volume *(specify with units)*	c. Duration *(in days)*
3-43-OPN-18	5	12	0.000005	5 GPD	260 day/yr

IV. Production

If there is an applicable production-based effluent guideline or NSPS, for each outfall list the estimated level of production (projection of actual production level, not design), expressed in the terms and units used in the applicable effluent guideline or NSPS, for each of the first 3 years of operation. If production is likely to vary, you may also submit alternative estimates (attach a separate sheet).

Year	a. Quantity Per Day	b. Units of Measure	c. Operation, Product, Material, etc *(specify)*
			N/A

CONTINUE ON NEXT PAGE

CONTINUED FROM THE FRONT	EPA ID Number *(copy from Item 1 of Form 1)* NM0890010515	Outfall Number 3-43-OPN-18

V. Effluent Characteristics

A, and B: These items require you to report estimated amounts *(both concentration and mass)* of the pollutants to be discharged from each of your outfalls. Each part of this item addresses a different set of pollutants and should be completed in accordance with the specific instructions for that part. Data for each outfall should be on a separate page. Attach additional sheets of paper if necessary.

General Instructions *(See table 2D-2 for Pollutants)*

Each part of this item requests you to provide an estimated daily maximum and average for certain pollutants and the source of information. Data for all pollutants in Group A, for all outfalls, must be submitted unless waived by the permitting authority. For all outfalls, data for pollutants in Group B should be reported only for pollutants which you believe will be present or are limited directly by an effluent limitations guideline or NSPS or indirectly through limitations on an indicator pollutant.

1. Pollutant	2. Maximum Daily Value *(include units)*	3. Average Daily Value *(include units)*	4. Source *(see instructions)*
See attached 04A datasheets			Best professional estimates

CONTINUE ON REVERSE

CONTINUED FROM THE FRONT	EPA ID Number *(copy from Item 1 of Form 1)* NM0890010515	

C. Use the space below to list any of the pollutants listed in Table 2D-3 of the instructions which you know or have reason to believe will be discharged from any outfall. For every pollutant you list, briefly describe the reasons you believe it will be present.

1. Pollutant	2. Reason for Discharge
N/A	

VI. Engineering Report on Wastewater Treatment

A. If there is any technical evaluation concerning your wastewater treatment, including engineering reports or pilot plant studies, check the appropriate box below.

[x] Report Available [ ] No Report Waste Stream Characterization Report #59

B. Provide the name and location of any existing plant(s) which, to the best of your knowledge, resembles this production facility with respect to production processes, wastewater constituents, or wastewater treatments.

Name	Location
N/A	

CONTINUE ON NEXT PAGE

EPA ID Number *(copy from item one of Form 1)*
NM0890010515

VII. Other Information *(Optional)*

Use the space below to expand upon any of the above questions or to bring to the attention of the reviewer any other information you feel should be considered in establishing permit limitations for the proposed facility. Attach additional sheets if necessary.

See attached 04A datasheets and line drawing. Discharge is consistent with potable water.

VIII. Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name and Official Title *(type or print)*	B. Phone No.
JERRY L. BELLOWS, AREA MANAGER, DOE	505-667-5105
ALLEN J. TIEDMAN, ASSOC. DIRECTOR FOR OPERATIONS	505-667-9390
C. Signature	D. Date Signed

*U.S. Government Printing Office : 1986 -491-191/52940

Data from worst case composite.

PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets *(use the same format)* instead of completing these pages. SEE INSTRUCTIONS.

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*: NM0890010515

Form Approved. OMB No. 2040-0086 Approval expires 7-31-88

V. INTAKE AND EFFLUENT CHARACTERISTICS *(continued from page 3 of Form 2-C)*

OUTFALL NO. 04A

PART A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

1. POLLUTANT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	3. UNITS (specify if blank) a. CONCENTRATION	b. MASS	4. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand *(BOD)*	< 2.0	< 37.9						mg/l	g/d			
b. Chemical Oxygen Demand *(COD)*	< 10.0	< 0.2						mg/l	g/d			
c. Total Organic Carbon *(TOC)*	0.6	11.2						mg/l	g/d			
d. Total Suspended Solids *(TSS)*	18.0	0.3						mg/l	g/d			
e. Ammonia *(as N)*	< 0.1	< 1.893						mg/l	g/d			
f. Flow	VALUE 5		VALUE		VALUE			gal/day		VALUE		
g. Temperature *(winter)*	VALUE 13.9		VALUE		VALUE			°C		VALUE		
h. Temperature *(summer)*	VALUE N/A		VALUE		VALUE			°C		VALUE		
i. pH	MINIMUM 8.45	MAXIMUM 8.80	MINIMUM	MAXIMUM				STANDARD UNITS				

PART B - Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. *(if available)*	2. MARK 'X' a. BELIEVED PRESENT	b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)		X	< 0.5	< 9.5						mg/l	g/d			
b. Chlorine, Total Residual	X		0.05	0.0						mg/l	mg/d			
c. Color	X		7.0							units				
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)	X		0.21	4.0						mg/l	g/d			
f. Nitrate-Nitrite *(as N)*	X		0.304	5.8						mg/l	g/d			

CONTINUE ON REVERSE

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X' a. BELIEVED PRESENT	b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
g. Nitrogen, Total Organic (as N)		X	< 0.5	< 9.5						mg/l	mg/d			
h. Oil and Grease		X	< 1.05	< 19.9						mg/l	mg/d			
i. Phosphorus (as P), Total (7723-14-0)	X		0.05	0.9						mg/l	mg/d			
j. Radioactivity														
(1) Alpha, Total	X		0.1	1.9						pCi/l	pCi/d			
(2) Beta, Total	X		6.6	0.1						pCi/l	nCi/d			
(3) Radium, Total	X													
(4) Radium 226, Total	X		0.06	1.1						pCi/l	pCi/d			
k. Sulfate (as SO_4) (14808-79-8)	X		3.16	59.8						mg/l	mg/d			
l. Sulfide (as S)		X		0.0						mg/l	mg/d			
m. Sulfite (as SO_3) (14265-45-3)		X	< 0.05	< 0.9						mg/l	mg/d			
n. Surfactants		X	< 0.1	< 1.9						mg/l	mg/d			
o. Aluminum, Total (7429-90-5)		X	< 0.04	< 0.8						mg/l	mg/d			
p. Barium, Total (7440-39-3)	X		0.03	0.6						mg/l	mg/d			
q. Boron, Total (7440-42-8)	X		0.02	0.4						mg/l	mg/d			
r. Cobalt, Total (7440-48-4)		X	< 0.1	< 1.9						mg/l	mg/d			
s. Iron, Total (7439-89-6)	X		0.41	7.8						mg/l	mg/d			
t. Magnesium, Total (7439-95-4)	X		2.5	47.3						mg/l	mg/d			
u. Molybdenum, Total (7439-98-7)		X	< 0.02	< 0.4						mg/l	mg/d			
v. Manganese, Total (7439-96-5)	X		0.01	0.2						mg/l	mg/d			
w. Tin, Total (7440-31-5)		X	< 0.050	< 0.9						mg/l	mg/d			
x. Titanium, Total (7440-32-6)		X	< 0.004	< 0.1						mg/l	mg/d			

CONTINUE ON PAGE V-3

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
NM0890010515	04A

Form Approved.
OMB No. 2040-0086
Approval expires 7-31-88

CONTINUED FROM PAGE 3 OF FORM 2-C

PART C - If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a *(secondary industries, nonprocess wastewater outfalls, and nonrequired GC/MS fractions)*, mark "X" in column 2-b for each pollutant you know or have reason to believe is present. Mark "X" in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2,4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table *(all 7 pages)* for each outfall. See instructions for additional details and requirements.

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (if available) (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (if available) (2) MASS	d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)			X	< 0.050	< 0.9						mg/l	mg/d			
2M. Arsenic, Total (7440-38-2)		X		0.002	0.0						mg/l	mg/d			
3M. Beryllium, Total, 7440-41-7)			X	< 0.001	< 0.0						mg/l	mg/d			
4M. Cadmium, Total (7440-43-9)			X	< 0.010	< 0.2						mg/l	mg/d			
5M. Chromium, Total (7440-47-3)		X		0.040	0.8						mg/l	mg/d			
6M. Copper, Total (7440-50-8)		X		0.031	0.6						mg/l	mg/d			
7M. Lead, Total (7439-92-1)			X	< 0.050	< 0.9						mg/l	mg/d			
8M. Mercury, Total (7439-97-6)			X	< 0.0002	< 0.00						mg/l	mg/d			
9M. Nickel, Total (7440-02-0)		X		0.06	1.1						mg/l	mg/d			
10M. Selenium, Total (7782-49-2)			X	< 0.001	< 0.0						mg/l	mg/d			
11M. Silver, Total (7440-22-4)			X	< 0.010	< 0.2						mg/l	mg/d			
12M. Thallium, Total (7440-28-0)			X	< 0.4	< 7.6						mg/l	mg/d			
13M. Zinc, Total (7440-66-6)		X		0.043	0.8						mg/l	mg/d			
14M. Cyanide, Total (57-12-5)			X	0.01	0.2						mg/l	mg/d			
15M. Phenols, Total			X	< 0.01	< 0.2						mg/l	mg/d			
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (1764-01-6)			X	DESCRIBE RESULTS											

CONTINUE ON REVERSE

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)			X												
2V. Acrylonitrile (107-13-1)			X												
3V. Benzene (71-43-2)			X	< 0.005	< 0.1						mg/l	mg/d			
4V. Bis (Chloromethyl) Ether (542-88-1)			X												
5V. Bromoform (75-25-2)			X	< 0.005	< 0.1						mg/l	mg/d			
6V. Carbon Tetrachloride (56-23-5)			X	< 0.005	< 0.1						mg/l	mg/d			
7V. Chlorobenzene (108-90-7)			X	< 0.005	< 0.1						mg/l	mg/d			
8V. Chlorodibromomethane (124-48-1)			X	< 0.005	< 0.1						mg/l	mg/d			
9V. Chloroethane (75-00-3)			X	< 0.010	< 0.000						mg/l	mg/d			
10V. 2-Chloroethylvinyl Ether (110-75-8)			X												
11V. Chloroform (67-66-3)			X	< 0.005	< 0.1						mg/l	mg/d			
12V. Dichlorobromomethane (75-27-4)			X	< 0.005	< 0.1						mg/l	mg/d			
13V. Dichlorodifluoromethane (75-71-8)			X												
14V. 1,1-Dichloroethane (75-34-3)			X	< 0.005	< 0.1						mg/l	mg/d			
15V. 1,2-Dichloroethane (107-06-2)			X	< 0.005	< 0.1						mg/l	mg/d			
16V. 1,1-Dichloroethylene (75-35-4)			X	< 0.005	< 0.1						mg/l	mg/d			
17V. 1,2-Dichloropropane (78-87-5)			X	< 0.005	< 0.1						mg/l	kg/d			
18V. 1,3-Dichloropropylene (542-75-6)			X	<	< 0.0						mg/l	mg/d			
19V. Ethylbenzene (100-41-4)			X	< 0.005	< 0.1						mg/l	mg/d			
20V. Methyl Bromide (74-83-9)			X	< 0.010	< 0.2						mg/l	mg/d			
21V. Methyl Chloride (74-87-3)			X	< 0.010	< 0.2						mg/l	mg/d			

CONTINUE ON PAGE V-5

CONTINUED FROM PAGE V-4

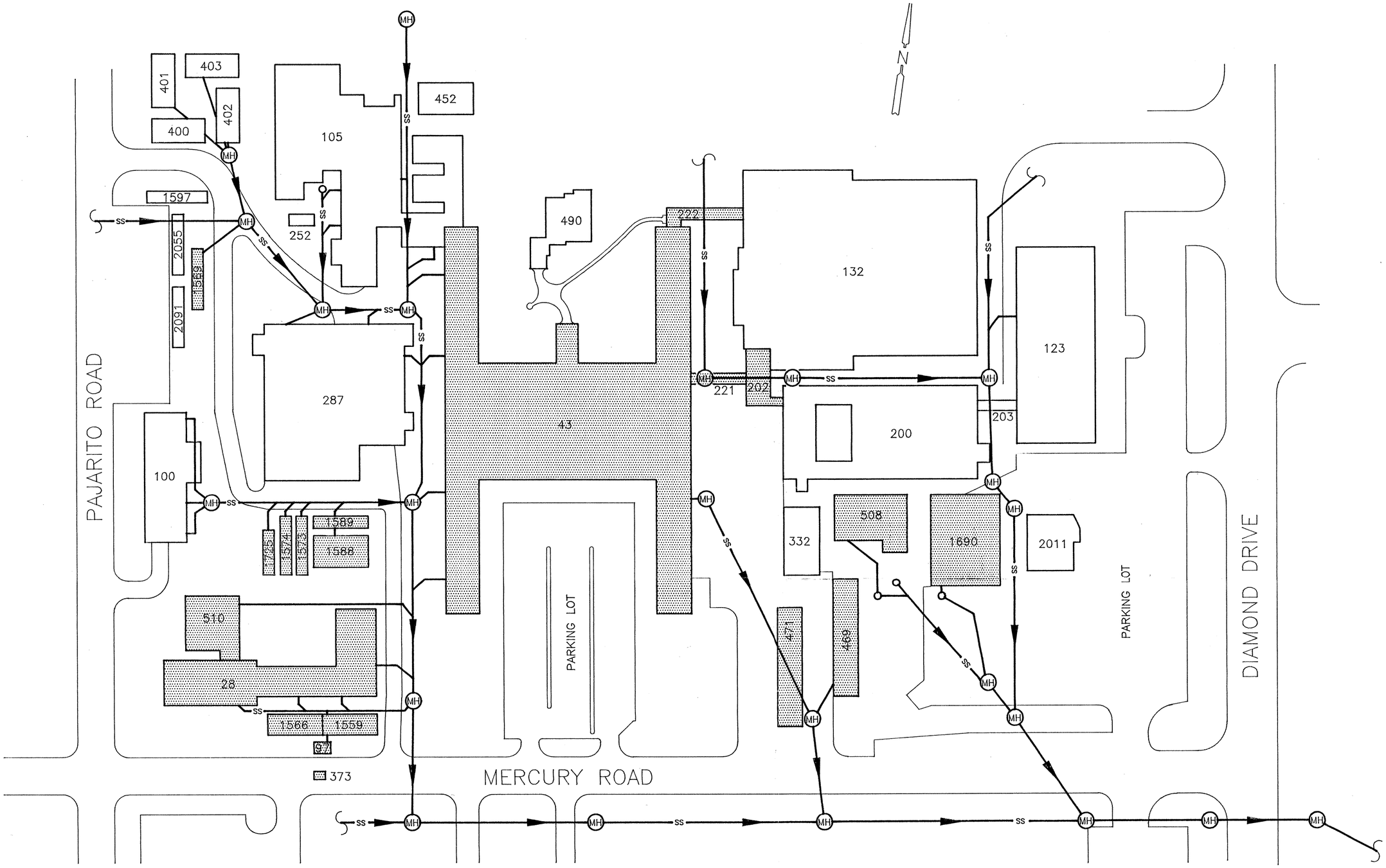
EPA I.D. NUMBER (copy from Item 1 of Form 1): NM0890010515

OUTFALL NUMBER: 04A

Form Approved.
OMB No. 2040-0086
Approval expires 7-31-88

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – VOLATILE COMPOUNDS *(continued)*															
22V. Methylene Chloride (75-09-2)			X	< 0.005	< 0.1						mg/l	mg/d			
23V. 1,1,2,2-Tetrachloroethane (79-34-5)			X	< 0.005	< 0.1						mg/l	mg/d			
24V. Tetrachloroethylene (127-18-4)			X	< 0.005	< 0.1						mg/l	mg/d			
25V. Toluene (108-88-3)			X	< 0.005	< 0.1						mg/l	mg/d			
26V. 1,2-Trans-Dichloroethylene (156-60-5)			X	< 0.005	< 0.1						mg/l	mg/d			
27V. 1,1,1-Trichloroethane (71-55-6)			X	< 0.005	< 0.1						mg/l	mg/d			
28V. 1,1,2-Trichloroethane (79-00-5)			X	< 0.005	< 0.1						mg/l	mg/d			
29V. Trichloroethylene (79-01-6)			X	< 0.005	< 0.1						mg/l	mg/d			
30V. Trichlorofluoromethane (75-69-4)			X	< 0.005	< 0.1						mg/l	mg/d			
31V. Vinyl Chloride (75-01-4)			X	< 0.010	< 0.2						mg/l	mg/d			
GC/MS FRACTION – ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)			X	< 0.010	< 0.2						mg/l	mg/d			
2A. 2,4-Dichlorophenol (120-83-2)			X	< 0.010	< 0.2						mg/l	mg/d			
3A. 2,4-Dimethylphenol (105-67-9)			X	< 0.010	< 0.2						mg/l	mg/d			
4A. 4,6-Dinitro-O-Cresol (534-52-1)			X	< 0.010	< 0.2						mg/l	mg/d			
5A. 2,4-Dinitrophenol (51-28-5)			X	< 0.010	< 0.2						mg/l	mg/d			
6A. 2-Nitrophenol (88-75-5)			X	< 0.010	< 0.2						mg/l	mg/d			
7A. 4-Nitrophenol (100-02-7)			X	< 0.010	< 0.2						mg/l	mg/d			
8A. P-Chloro-M-Cresol (59-50-7)			X	< 0.010	< 0.2						mg/l	mg/d			
9A. Pentachlorophenol (87-86-5)			X	< 0.010	< 0.2						mg/l	mg/d			
10A. Phenol (108-95-2)			X	< 0.010	< 0.2						mg/l	mg/d			
11A. 2,4,6-Trichlorophenol (88-06-2)			X	< 0.010	< 0.2						mg/l	mg/d			

CONTINUE ON REVERSE

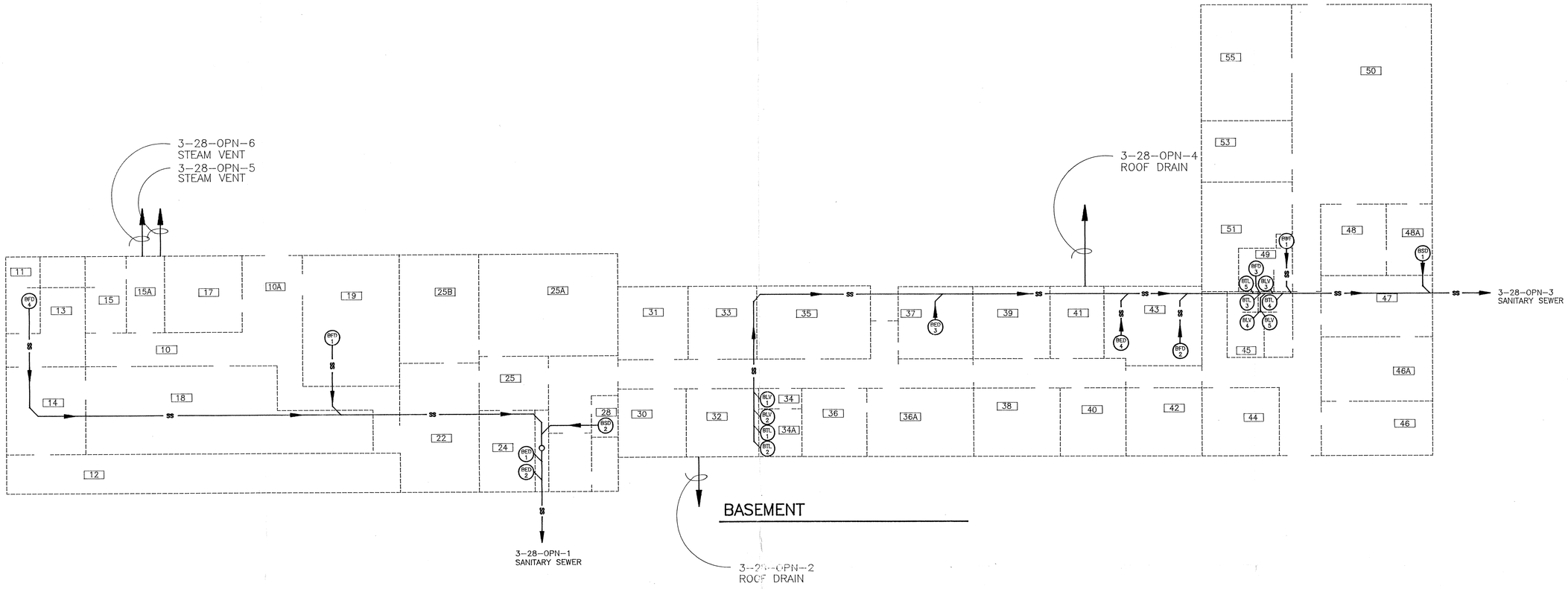


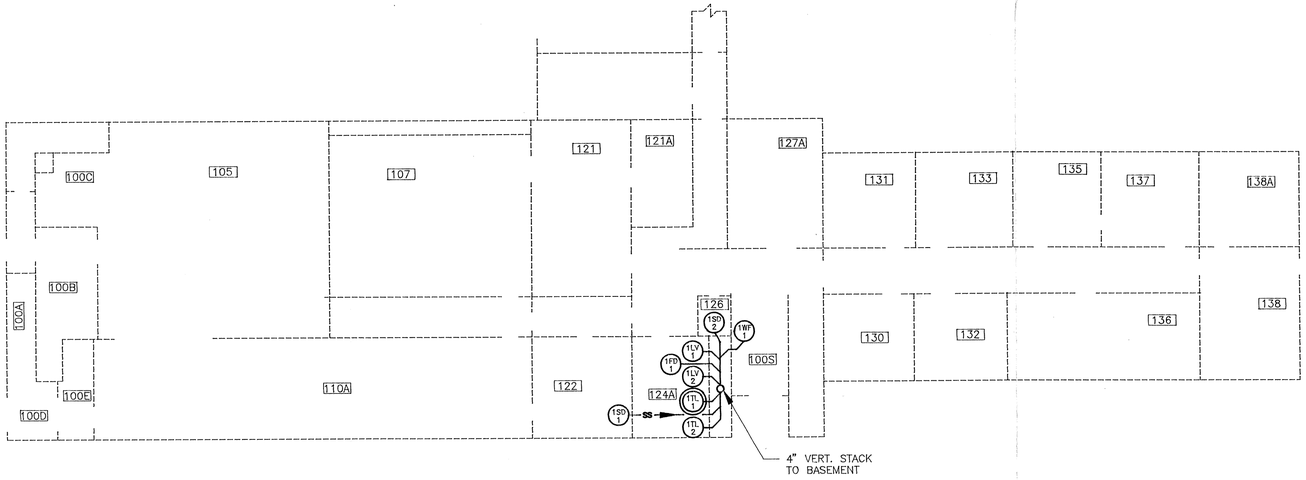
15352-A

TA–3 SITE PLAN

NOT TO SCALE

SANTA FE ENGINEERING, LTD.			
TA–3 SITE PLAN		DRAWN	R.L.P.
		DESIGN	R.L.P.
		CHECKED	S.C.D.
		DATE	12/1/93
BLDG. 0	TA–3		
SUBMITTED	RECOMMENDED	APPROVED	
Los Alamos	Los Alamos National Laboratory Los Alamos, New Mexico 87545	SHEET	OF
CLASSIFICATION	REVIEWER	DATE	
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP EM–8	11056–59	FIGURE 1	





FIRST FLOOR

SYMBOL LEGEND	
ED	EQUIPMENT DRAIN
FD	FLOOR DRAIN
FS	FLOOR SINK
LV	LAVATORY
SD	SINK DRAIN
TL	TOILET
WF	WATER FOUNTAIN
— ss —	SANITARY SEWER LINE
(TL 1)	DYE TESTED DRAIN

15352-B

SANTA FE ENGINEERING, LTD.

TA-3-28
DRAIN SCHEMATIC

DRAWN	RLP
DESIGN	RLP
CHECKED	LBA
RELEASED	
DATE	6/23/93

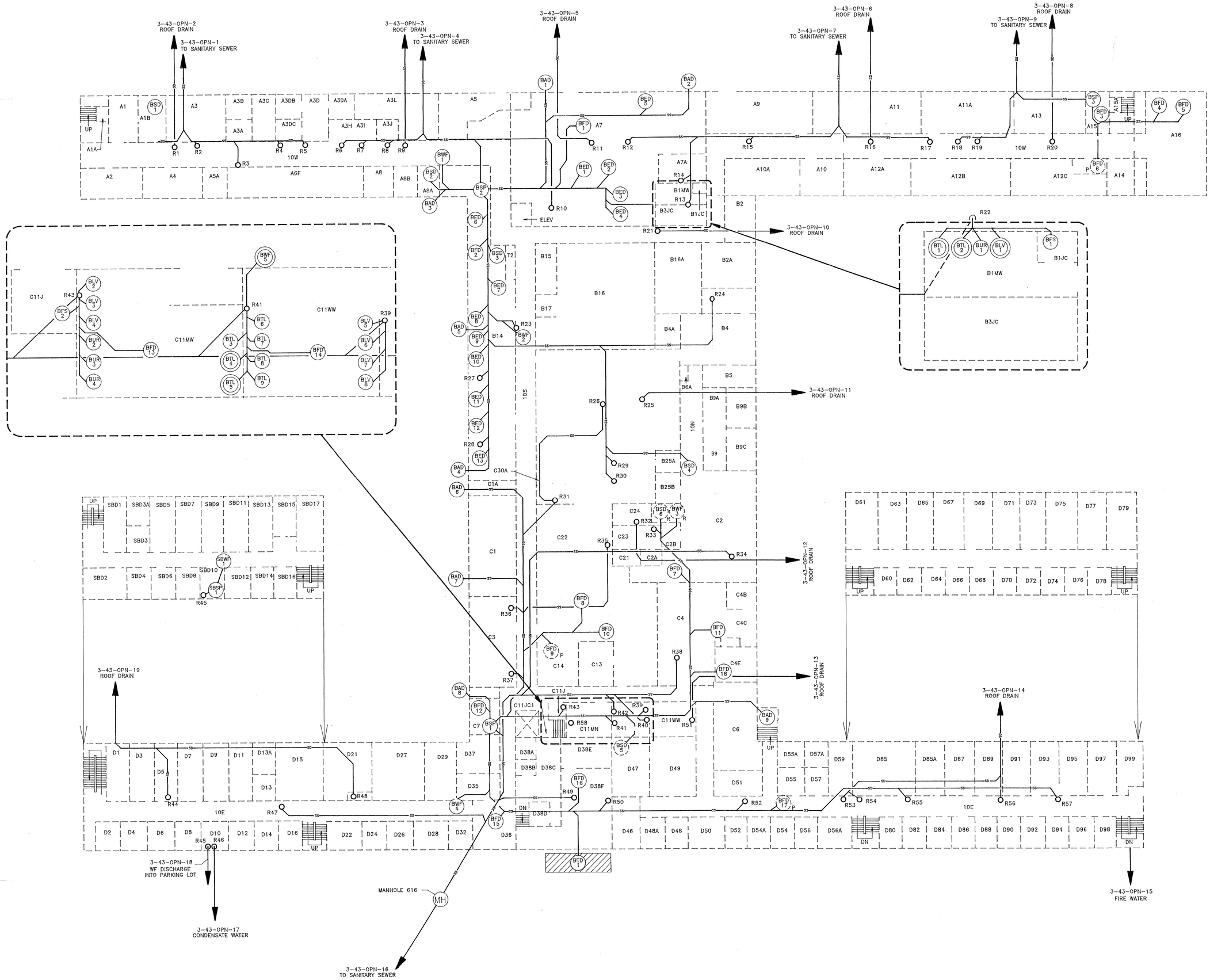
SUBMITTED | RECOMMENDED | APPROVED

Los Alamos — Los Alamos National Laboratory, Los Alamos, New Mexico 87545

SHEET / OF

CLASSIFICATION | REVIEWER | DATE

REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP EM-8	11056-59	FIGURE 2	



SYMBOL LEGEND	
AD	AREA DRAIN
B	BASEMENT PREFIX
ED	EQUIPMENT DRAIN
FD	FLOOR DRAIN
FS	FLOOR SINK
LV	LAVATORY
SB	SUBBASEMENT PREFIX
SD	SINK DRAIN
SP	SUMP PIT W\PUMP
TL	TOILET
UR	URINAL
WF	WATER FOUNTAIN
—SD—	STORM DRAIN LINE
—SS—	SANITARY SEWER LINE

DYE TESTED DRAIN

DRAIN HAS BEEN REMOVED

DRAIN HAS BEEN PLUGGED

15352-C

SANTA FE ENGINEERING, LTD.

TA-3-43
BASEMENT AND SUB-BASEMENT DRAIN SCHEMATIC

DRAWN	DAH
DESIGN	PEB
CHECKED	LBA
DATE	6/11/93

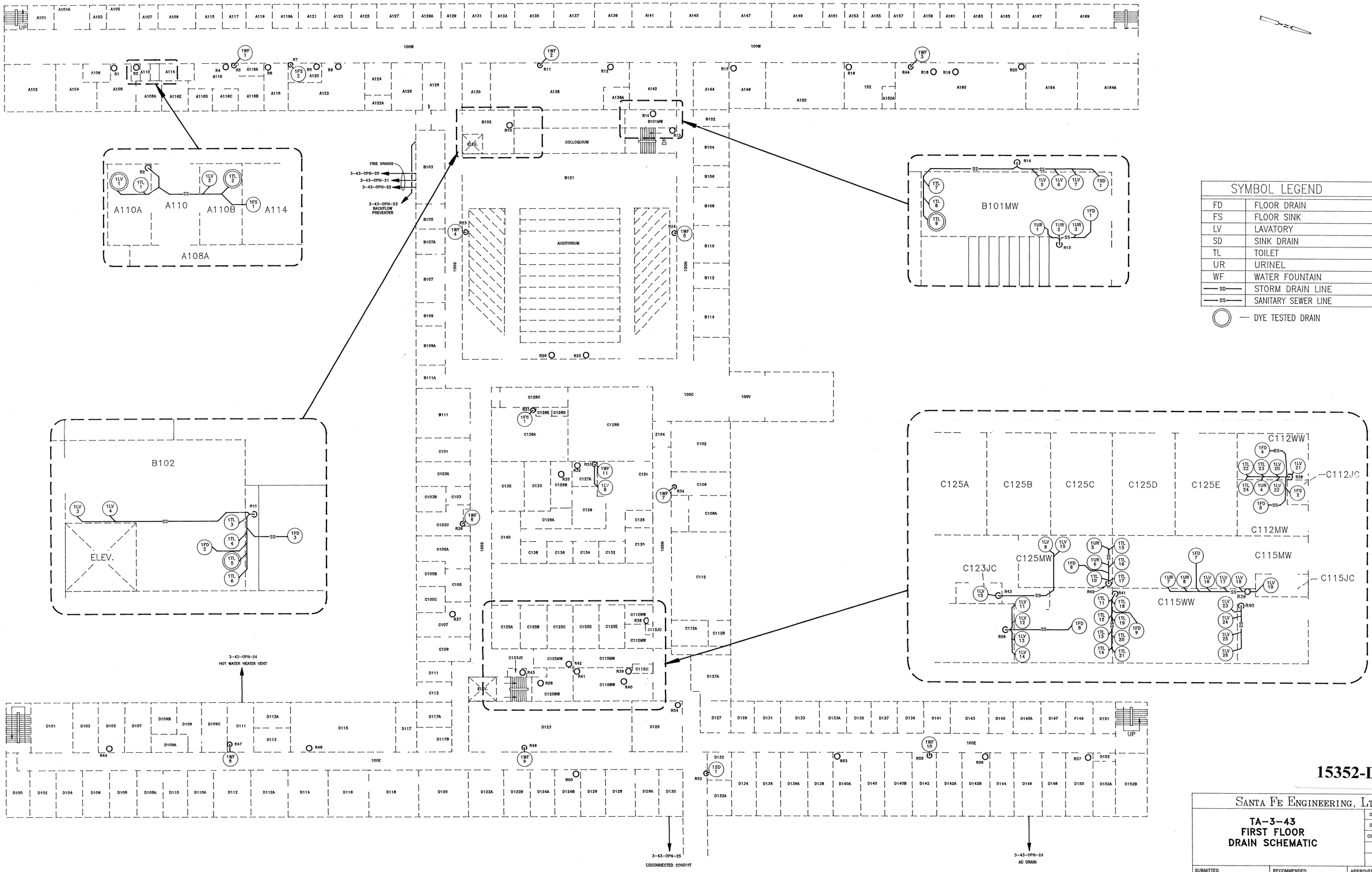
SUBMITTED | RECOMMENDED | APPROVED

Los Alamos — Los Alamos National Laboratory, Los Alamos, New Mexico 87545

SHEET / OF

CLASSIFICATION | REVIEWER | DATE

REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP EM-8	11056-59	FIGURE 3	



15352-D

SANTA FE ENGINEERING, LTD.

TA-3-43
FIRST FLOOR
DRAIN SCHEMATIC

DRAWN	DAH
DESIGN	PEB
CHECKED	PEB
DATE	6/21/93

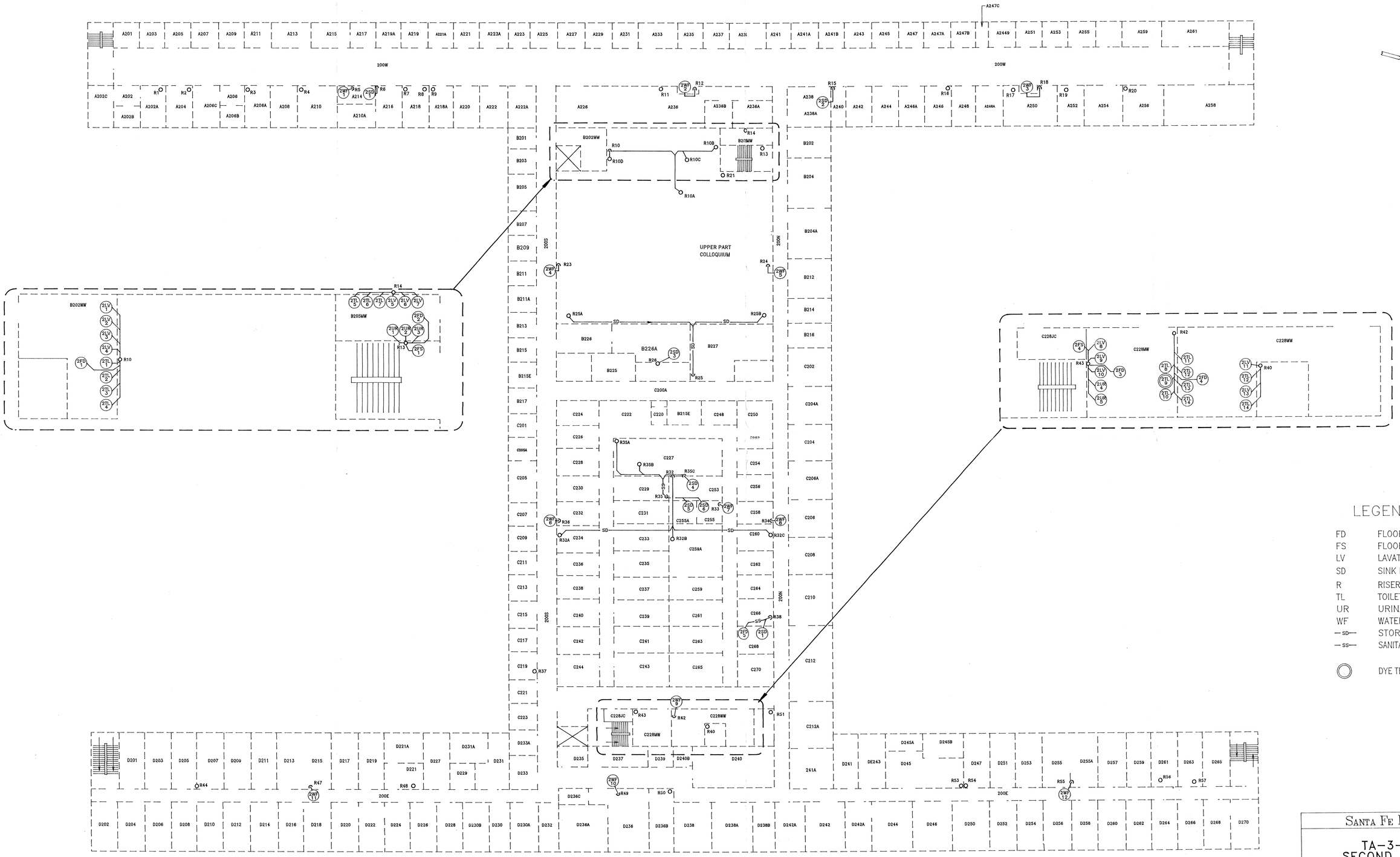
SUBMITTED | RECOMMENDED | APPROVED

Los Alamos — Los Alamos National Laboratory, Los Alamos, New Mexico 87545

SHEET ___ OF ___

CLASSIFICATION | REVIEWER | DATE

REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP EM-8	11056-59	FIGURE 4	



LEGEND

FD	FLOOR DRAIN
FS	FLOOR SINK
LV	LAVATORY
SD	SINK DRAIN
R	RISER
TL	TOILET
UR	URINAL
WF	WATER FOUNTAIN
—SD—	STORM DRAIN LINE
—SS—	SANITARY SEWER LINE
◎	DYE TESTED DRAIN

15352-E

SANTA FE ENGINEERING, LTD.

TA-3-43 SECOND FLOOR DRAIN SCHEMATIC

DRAWN	DAH
DESIGN	PEB
CHECKED	PEB
DATE	6/21/93

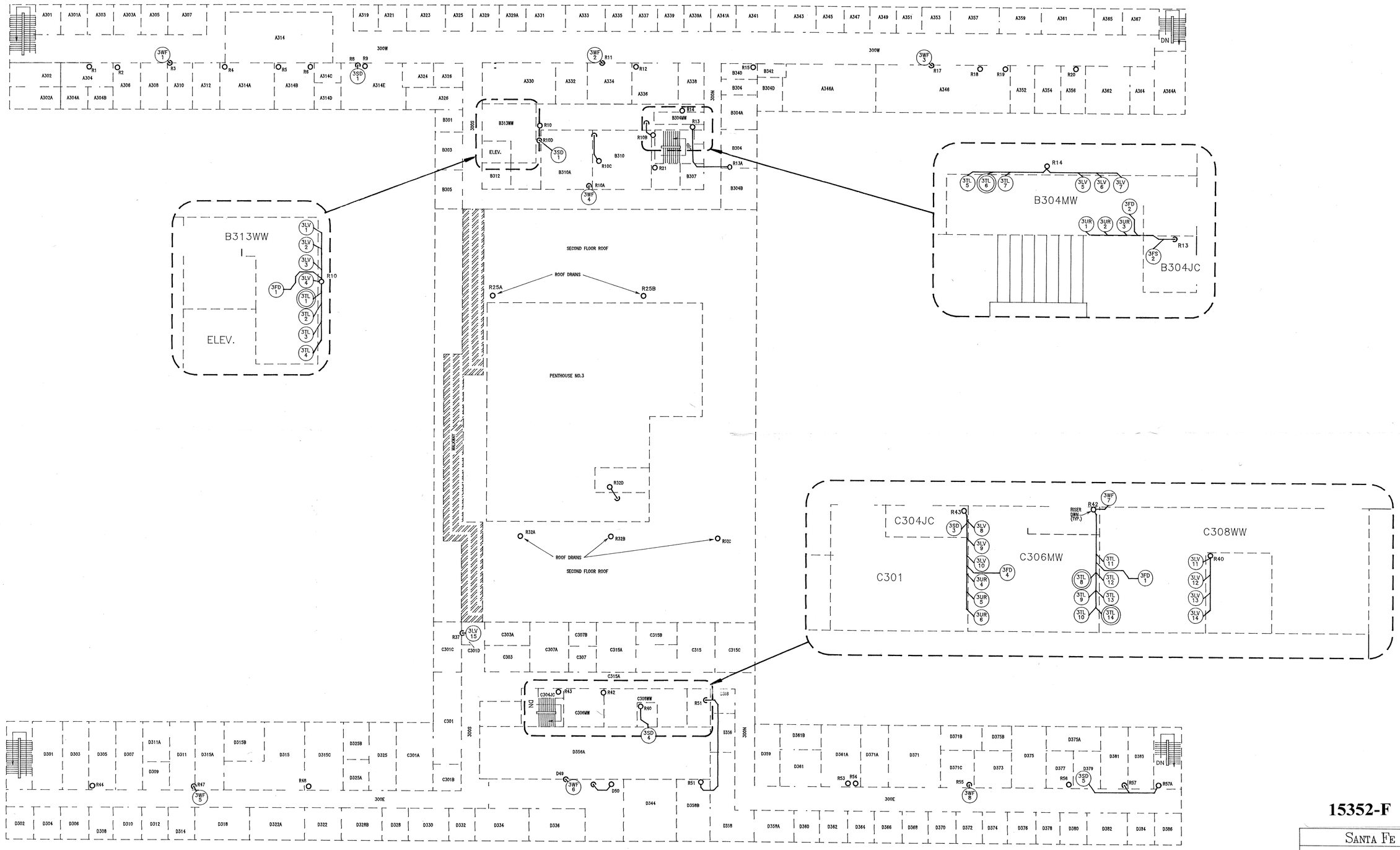
SUBMITTED | RECOMMENDED | APPROVED

Los Alamos — Los Alamos National Laboratory, Los Alamos, New Mexico 87545

SHEET ___ OF ___

CLASSIFICATION | REVIEWER | DATE

REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP EM-8	11056-59	FIGURE 5	



LEGEND

FD	FLOOR DRAIN
FS	FLOOR SINK
LV	LAVATORY
SD	SINK DRAIN
R	RISER
RD	ROOF DRAIN
TL	TOILET
UR	URINAL
WF	WATER FOUNTAIN
—SD—	STORM DRAIN LINE
—SS—	SANITARY SEWER LINE
◎	DYE TESTED DRAIN

15352-F

SANTA FE ENGINEERING, LTD.

TA-3-43 THIRD FLOOR DRAIN SCHEMATIC

DRAWN	D.A.H.
DESIGN	P.E.B.
CHECKED	P.E.B.
DATE	6/22/93

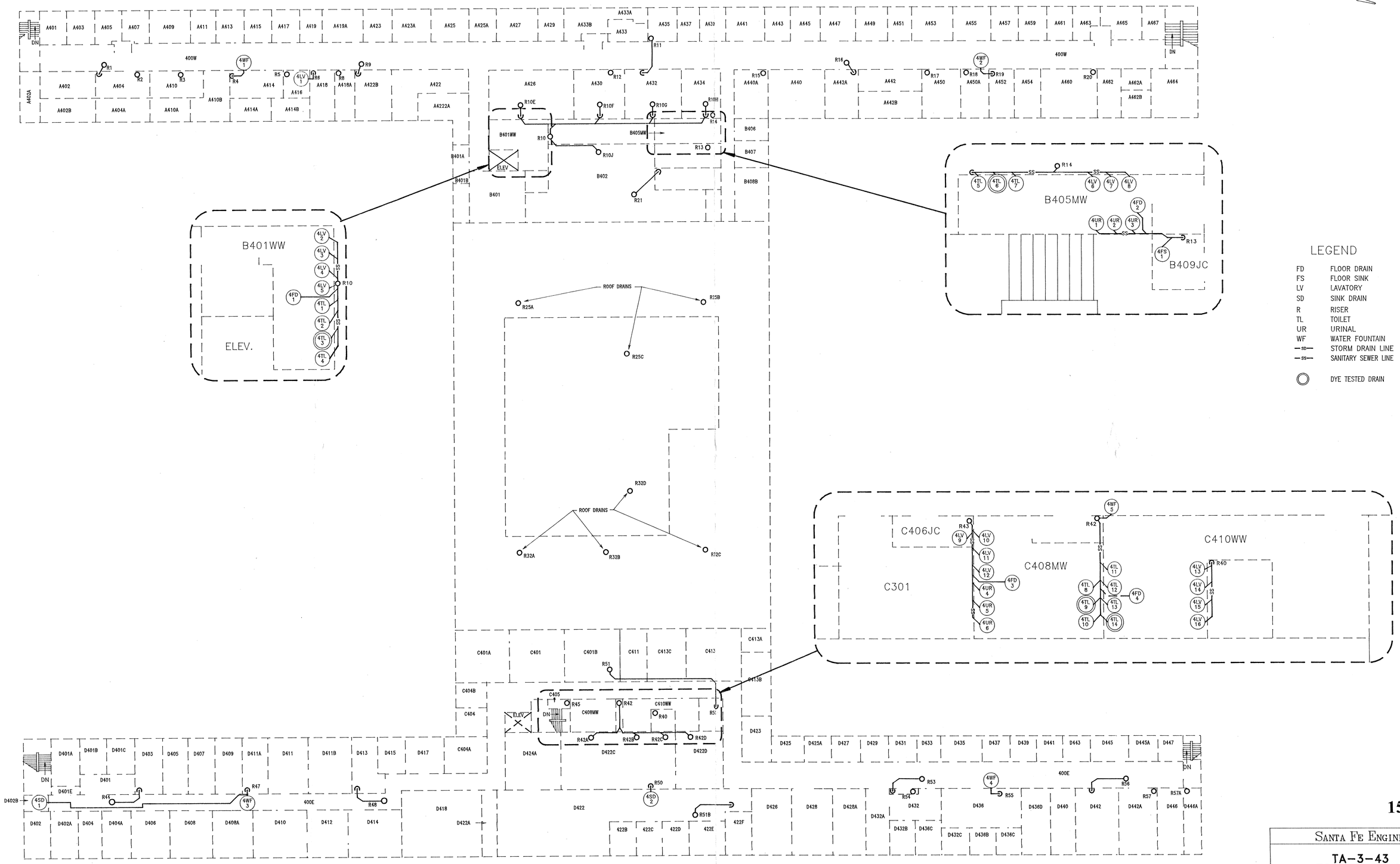
SUBMITTED | RECOMMENDED | APPROVED

Los Alamos — Los Alamos National Laboratory, Los Alamos, New Mexico 87545

SHEET ___ OF ___

CLASSIFICATION | REVIEWER | DATE

REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP EM-8	11056-59	FIGURE 6	



15352-G

SANTA FE ENGINEERING, LTD.

TA-3-43
FOURTH FLOOR
DRAIN SCHEMATIC

DRAWN	D.A.H.
DESIGN	P.E.B.
CHECKED	P.E.B.
DATE	6/22/93

SUBMITTED | RECOMMENDED | APPROVED

Los Alamos — Los Alamos National Laboratory, Los Alamos, New Mexico 87545

SHEET / OF

CLASSIFICATION | REVIEWER | DATE

REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP EM-8	11056-59	FIGURE 7	

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (if available) (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (if available) (2) MASS	d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)			X	< 0.010	< 0.2						mg/l	mg/d			
2B. Acenaphtylene (208-96-8)			X	< 0.010	< 0.2						mg/l	mg/d			
3B. Anthracene (120-12-7)			X	< 0.010	< 0.2						mg/l	mg/d			
4B. Benzidine (92-87-5)			X	< 0.010	< 0.2						mg/l	mg/d			
5B. Benzo *(a)* Anthracene (56-55-3)			X	< 0.010	< 0.2						mg/l	mg/d			
6B. Benzo *(a)* Pyrene (50-32-8)			X	< 0.010	< 0.2						mg/l	mg/d			
7B. 3,4-Benzo-fluoranthene (205-99-2)			X	< 0.010	< 0.2						mg/l	mg/d			
8B. Benzo *(ghi)* Perylene (191-24-2)			X	< 0.010	< 0.2						mg/l	mg/d			
9B. Benzo *(k)* Fluoranthene (207-08-9)			X	< 0.010	< 0.2						mg/l	mg/d			
10B. Bis *(2-Chloro-ethoxy)* Methane (111-91-1)			X	< 0.010	< 0.2						mg/l	mg/d			
11B. Bis *(2-Chloro-ethyl)* Ether (111-44-4)			X	< 0.010	< 0.2						mg/l	mg/d			
12B. Bis *(2-Chloroiso-propyl)* Ether (102-60-1)			X	< 0.010	< 0.2						mg/l	mg/d			
13B. Bis *(2-Ethyl-hexyl)* Phthalate (117-81-7)			X	< 0.010	< 0.2						mg/l	mg/d			
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)			X	< 0.010	< 0.2						mg/l	mg/d			
15B. Butyl Benzyl Phthalate (85-68-7)			X	< 0.010	< 0.2						mg/l	mg/d			
16B. 2-Chloro-naphthalene (91-58-7)			X	< 0.010	< 0.2						mg/l	mg/d			
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)			X	< 0.010	< 0.2						mg/l	mg/d			
18B. Chrysene (218-01-9)			X	< 0.010	< 0.2						mg/l	mg/d			
19B. Dibenzo *(a,h)* Anthracene (53-70-3)			X	< 0.010	< 0.2						mg/l	mg/d			
20B. 1,2-Dichloro-benzene (95-50-1)			X	< 0.010	< 0.2						mg/l	mg/d			
21B. 1,3-Dichloro-benzene (541-73-1)			X	< 0.010	< 0.2						mg/l	mg/d			

CONTINUE ON PAGE V-7

CONTINUED FROM PAGE V-6

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
NM0890010515	04A

Form Approved.
OMB No. 2040-0086
Approval expires 7-31-88

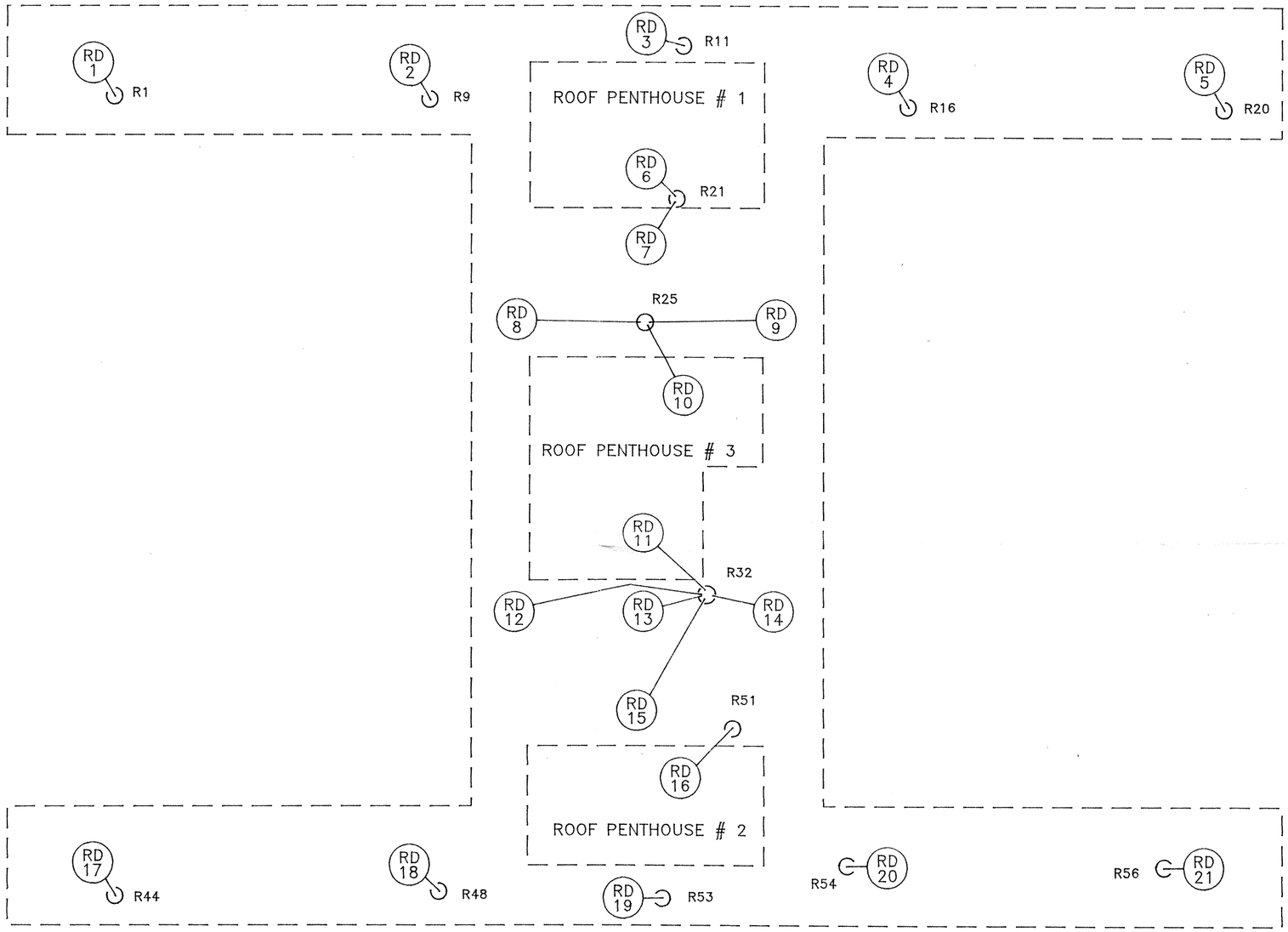
1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS *(continued)*															
22B. 1,4-Dichlorobenzene (106-46-7)			X	< 0.010	< 0.2						mg/l	mg/d			
23B. 3,3'-Dichlorobenzidine (91-94-1)			X	< 0.010	< 0.2						mg/l	mg/d			
24B. Diethyl Phthalate (84-66-2)			X	< 0.010	< 0.2						mg/l	mg/d			
25B. Dimethyl Phthalate (131-11-3)			X	< 0.010	< 0.2						mg/l	mg/d			
26B. Di-N-Butyl Phthalate (84-74-2)			X	< 0.010	< 0.2						mg/l	mg/d			
27B. 2,4-Dinitrotoluene (121-14-2)			X	< 0.010	< 0.2						mg/l	mg/d			
28B. 2,6-Dinitrotoluene (606-20-2)			X	< 0.010	< 0.2						mg/l	mg/d			
29B. Di-N-Octyl Phthalate (117-84-0)			X	< 0.010	< 0.2						mg/l	mg/d			
30B. 1,2-Diphenylhydrazine *(as Azobenzene)* (122-66-7)			X	< 0.010	< 0.2						mg/l	mg/d			
31B. Fluoranthene (206-44-0)			X	< 0.010	< 0.2						mg/l	mg/d			
32B. Fluorene (86-73-7)			X	< 0.010	< 0.2						mg/l	mg/d			
33B. Hexachlorobenzene (118-74-1)			X	< 0.010	< 0.2						mg/l	mg/d			
34B. Hexachlorobutadiene (87-68-3)			X	< 0.010	< 0.2						mg/l	mg/d			
35B. Hexachlorocyclopentadiene (77-47-4)			X	< 0.010	< 0.2						mg/l	mg/d			
36B. Hexachloroethane (67-72-1)			X	< 0.010	< 0.2						mg/l	mg/d			
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)			X	< 0.010	< 0.2						mg/l	mg/d			
38B. Isophorone (78-59-1)			X	< 0.010	< 0.2						mg/l	mg/d			
39B. Naphthalene (91-20-3)			X	< 0.010	< 0.2						mg/l	mg/d			
40B. Nitrobenzene (98-95-3)			X	< 0.010	< 0.2						mg/l	mg/d			
41B. N-Nitrosodimethylamine (62-75-9)			X	< 0.010	< 0.2						mg/l	mg/d			
42B. N-Nitrosodi-N-Propylamine (621-64-7)			X	< 0.010	< 0.2						mg/l	mg/d			

CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS *(continued)*															
43B. N-Nitrosodiphenylamine (86-30-6)			X	< 0.010	< 0.2						mg/l	mg/d			
44B. Phenanthrene (85-01-8)			X	< 0.010	< 0.2						mg/l	mg/d			
45B. Pyrene (129-00-0)			X	< 0.010	< 0.2						mg/l	mg/d			
46B. 1,2,4-Trichlorobenzene (120-82-1)			X	< 0.010	< 0.2						mg/l	mg/d			
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)			X	< 0.06	< 1.1						ug/l	ug/d			
2P. α-BHC (319-84-6)			X	< 0.02	< 0.4						ug/l	ug/d			
3P. β-BHC (319-85-7)			X	< 0.1	< 1.9						ug/l	ug/d			
4P. γ-BHC (58-89-9)			X	< 0.03	< 0.6						ug/l	ug/d			
5P. δ-BHC (319-86-8)			X	< 0.12	< 2.3						ug/l	ug/d			
6P. Chlordane (57-74-9)			X	< 0.25	< 4.7						ug/l	ug/d			
7P. 4,4'-DDT (50-29-3)			X	< 0.06	< 1.1						ug/l	ug/d			
8P. 4,4'-DDE (72-55-9)			X	< 0.08	< 1.5						ug/l	ug/d			
9P. 4,4'-DDD (72-54-8)			X	< 0.08	< 1.5						ug/l	ug/d			
10P. Dieldrin (60-57-1)			X	< 0.08	< 1.5						ug/l	ug/d			
11P. α-Endosulfan (115-29-7)			X	< 0.05	< 0.9						ug/l	ug/d			
12P. β-Endosulfan (115-29-7)			X	< 0.08	< 1.5						ug/l	ug/d			
13P. Endosulfan Sulfate (1031-07-8)			X	< 0.09	< 1.7						ug/l	ug/d			
14P. Endrin (72-20-8)			X	< 0.06	< 1.1						ug/l	ug/d			
15P. Endrin Aldehyde (7421-93-4)			X	< 0.62	< 11.7						ug/l	ug/d			
16P. Heptachlor (76-44-8)			X	< 0.3	< 5.7						ug/l	ug/d			

 CONTINUE ON PAGE V-9



LEGEND

R	RISER
RD	ROOF DRAIN

15352-H

NOTES: SCHEMATIC BASED ON DRAWINGS
C-19568 & C-19569 AND SITE VISIT

SANTA FE ENGINEERING, LTD.		
TA-3-43 ROOF DRAIN PLAN	DRAWN	PEB
	DESIGN	PEB
	CHECKED	LBA
	DATE	6/22/93
SUBMITTED	RECOMMENDED	APPROVED
Los Alamos — Los Alamos National Laboratory, Los Alamos, New Mexico 87545	SHEET	OF
CLASSIFICATION	REVIEWER	DATE
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO. / REV.
REQUESTING GROUP EM-8	11056-59	FIGURE 11

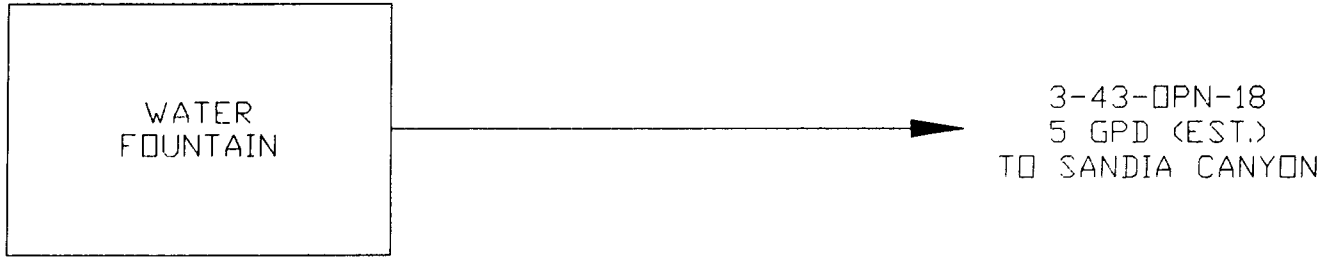
CONTINUED FROM PAGE V-8

EPA I.D. NUMBER (copy from Item I of Form 1)	OUTFALL NUMBER
NM0890010515	04A

Form Approved.
OMB No. 2040-0086
Approval expires 7-31-88

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION — PESTICIDES *(continued)*															
17P. Heptachlor Epoxide (1024-57-3)			X	< 0.04	< 0.8						ug/l	ug/d			
18P. PCB-1242 (53469-21-9)			X	< 0.68	< 12.9						ug/l	ug/d			
19P. PCB-1254 (11097-69-1)			X	< 0.68	< 12.9						ug/l	ug/d			
20P. PCB-1221 (11104-28-2)			X	N.D.											
21P. PCB-1232 (11141-16-5)			X	N.D.											
22P. PCB-1248 (12672-29-6)			X	N.D.											
23P. PCB-1260 (11096-82-5)			X	< 0.68	< 12.9						ug/l	ug/d			
24P. PCB-1016 (12674-11-2)			X	N.D.											
25P. Toxaphene (8001-35-2)			X	< 2.5	< 47.3						ug/l	ug/d			

☆U.S. GOVERNMENT PRINTING OFFICE : 1986 O - 491-191 (46116)

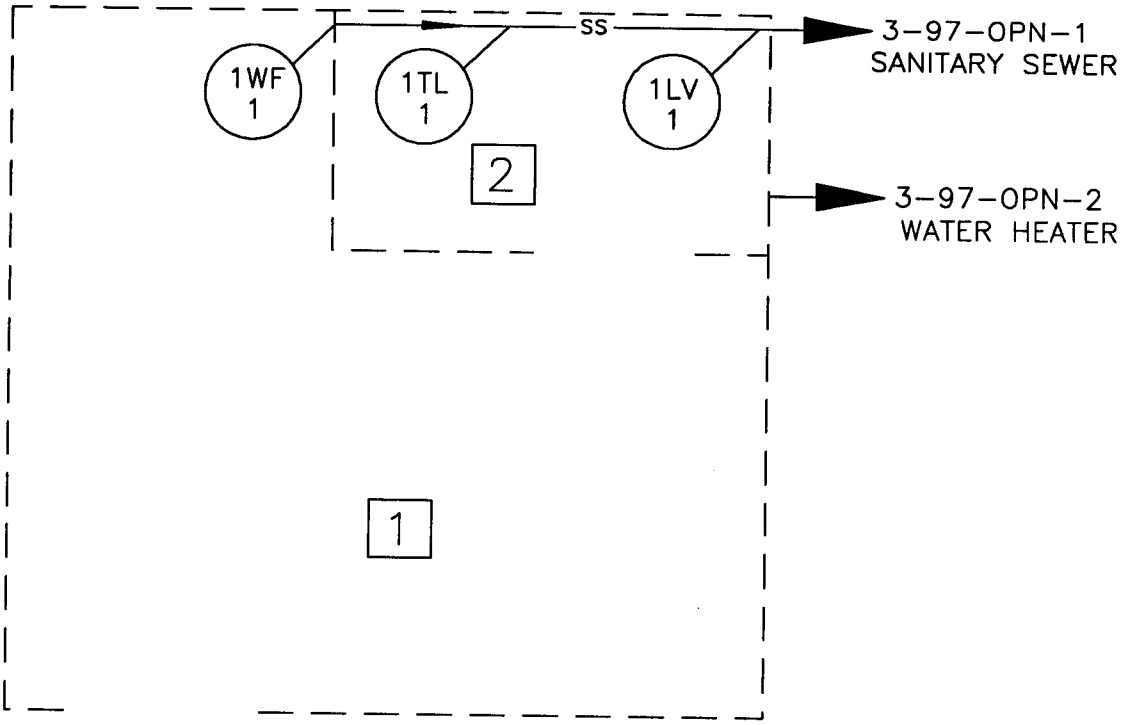


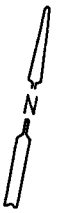
TA-3-43

NOT TO SCALE

DYE STUDY INFORMATION

BUILDING NUMBER	DRAIN NUMBER	DID DYE REACH EXPECTED DESTINATION?	COMMENTS
3-28	1TL1	YES	NONE
3-43	BLV1	YES	NONE
	BTL1	YES	NONE
	BTL3	YES	NONE
	BTL4	YES	NONE
	BWF5	YES	NONE
	1LV1	YES	NONE
	1TL2	YES	NONE
	1TL5	YES	NONE
	1TL9	YES	NONE
	2TL9	YES	NONE
	3TL1	YES	NONE
	3TL6	YES	NONE
	3TL8	YES	NONE
	3TL14	YES	NONE
	4TL6	YES	NONE
	4TL9	YES	NONE
	4TL14	YES	NONE
3-471	1TL1	YES	NONE
3-510	1FS2	YES	NONE
	1FS5	YES	NONE
	2FS2	YES	NONE
	2FS4	YES	NONE
3-1559	1TL1	YES	NONE
3-1566	1TL1	YES	NONE
3-1574	1TL1	YES	NONE
3-1588	1TL1	YES	NONE
3-1690	1TL3	YES	NONE





NOTE: SCHEMATIC BASED ON DRAWING R-2576 AND SITE VISIT

SYMBOL LEGEND	
LV	LAVATORY
TL	TOILET
WF	WATER FOUNTAIN
—SS—	SANITARY SEWER LINE

SANTA FE ENGINEERING, LTD.

TA 3-97 BUILDING
DRAIN SCHEMATIC

DRAWN	PEB
DESIGN	PEB
CHECKED	LBA
DATE	6/23/93

SUBMITTED | RECOMMENDED | APPROVED

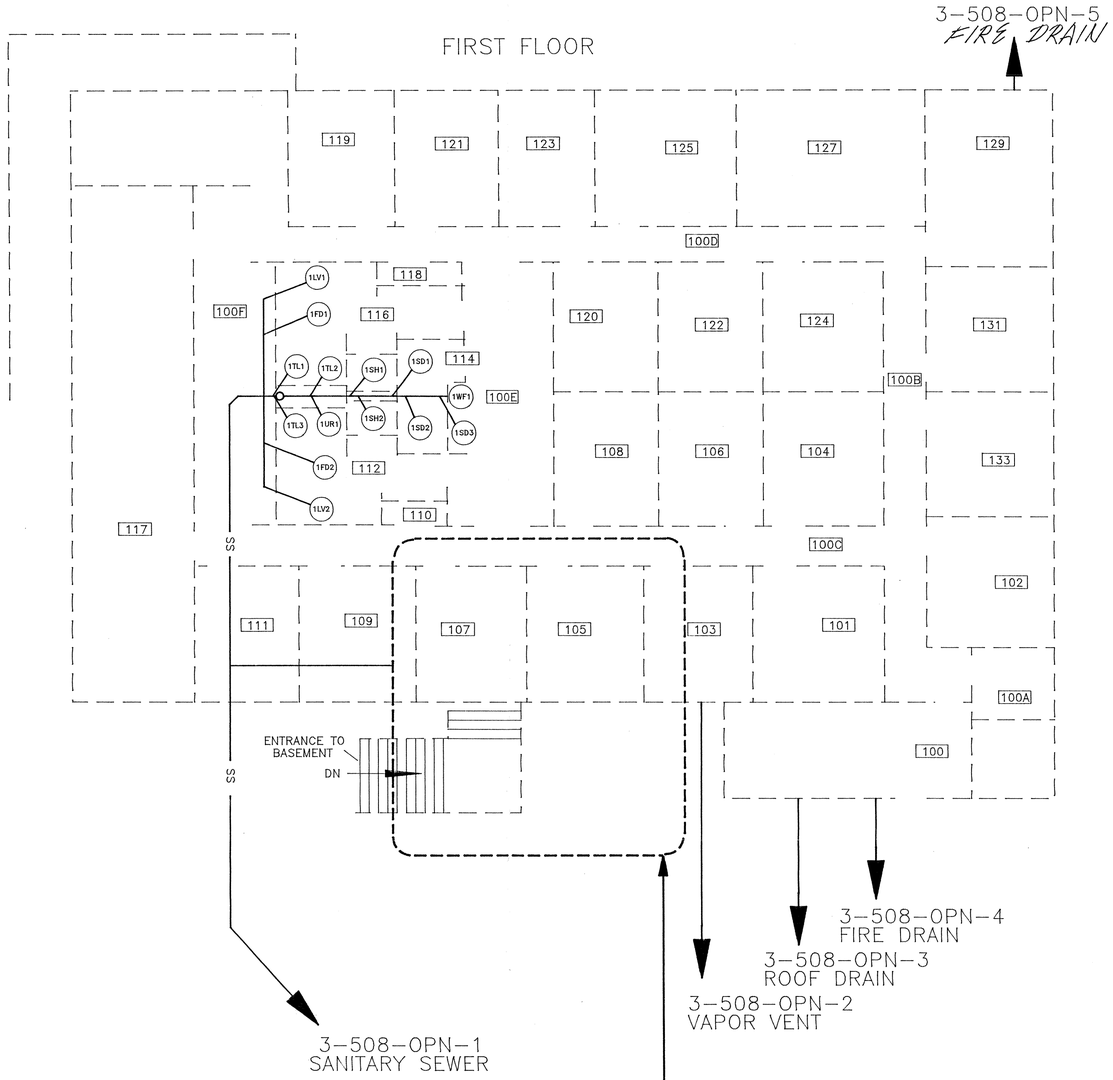
Los Alamos — Los Alamos National Laboratory, Los Alamos, New Mexico 87545

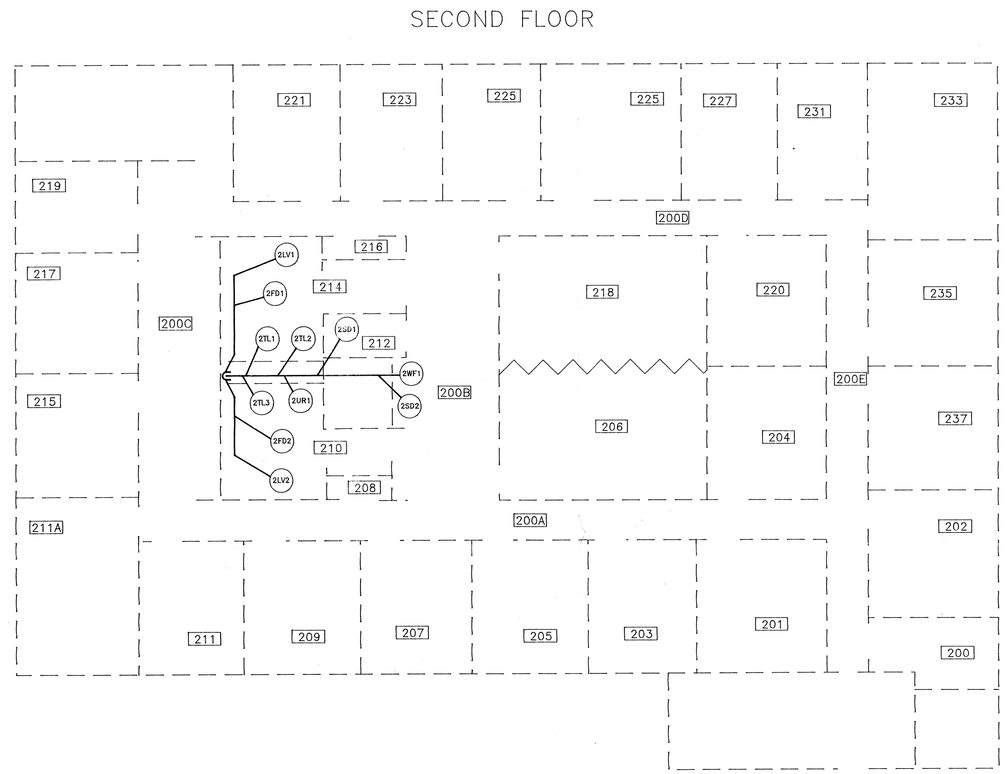
SHEET / OF

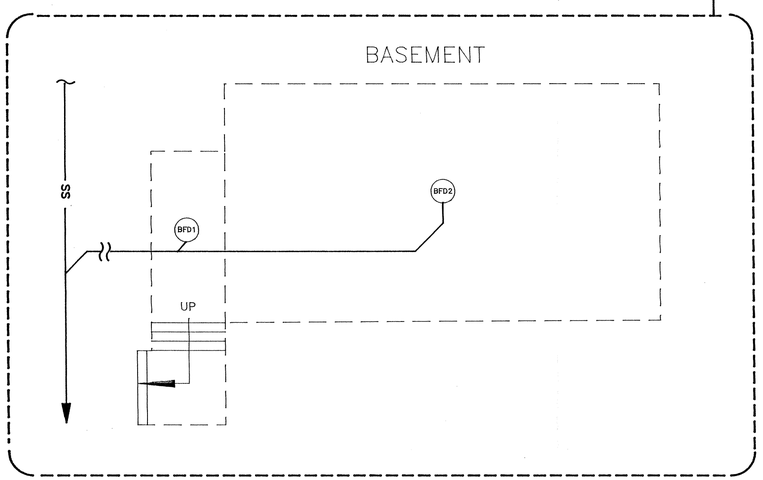
CLASSIFICATION | REVIEWER | DATE

REQUESTING DIVISION | LAB JOB NO. | DRAWING NO. | REV.

REQUESTING GROUP EM-8 | 11056-59 | FIGURE 12







SYMBOL LEGEND	
B	BASEMENT PREFIX
FD	FLOOR DRAIN
LV	LAVATORY
SH	SHOWER
SD	SINK DRAIN
TL	TOILET
UR	URINAL
WF	WATER FOUNTAIN
—— SS ——	SANITARY SEWER LINE

NOTES: BASED ON DRAWINGS C-45405 SHEETS 19 & 20,
C-45113 SHEET 2 AND R-7050 SHEETS 1 & 2
AND SITE VISIT

15352-I

SANTA FE ENGINEERING, LTD.

TA-3-508
DRAIN SCHEMATIC

DRAWN	PEB
DESIGN	PEB
CHECKED	LBA
DATE	6/24/93

SUBMITTED | RECOMMENDED | APPROVED

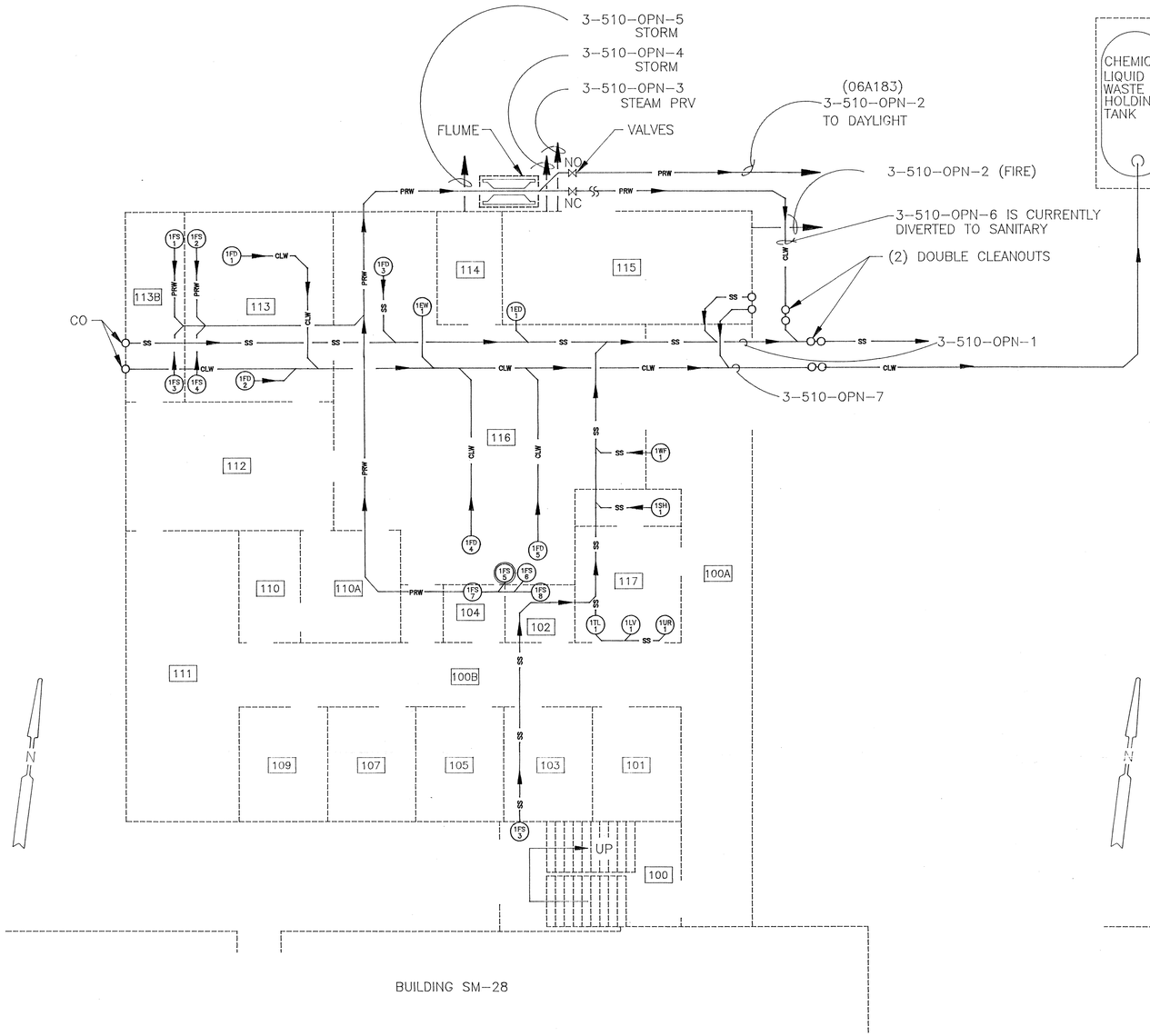
Los Alamos — Los Alamos National Laboratory, Los Alamos, New Mexico 87545

SHEET OF

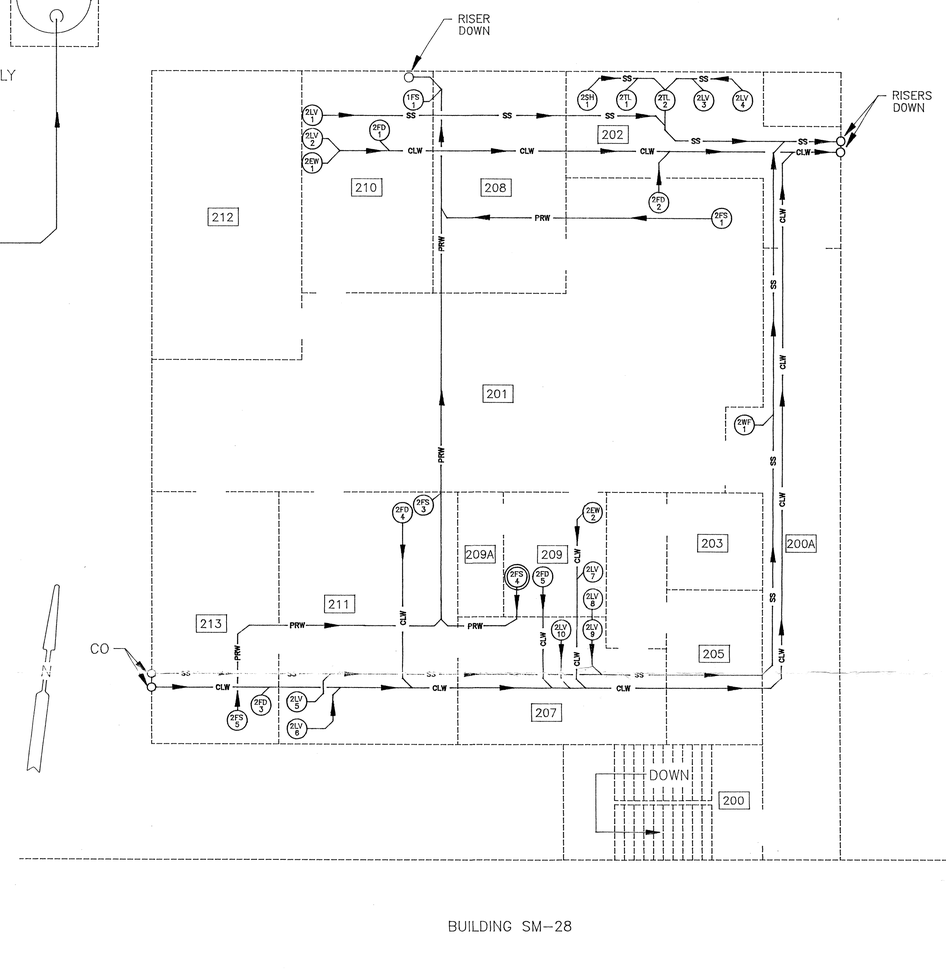
CLASSIFICATION | REVIEWER | DATE

REQUESTING DIVISION | LAB JOB NO. 11056-59 | DRAWING NO. FIGURE 16 | REV.

REQUESTING GROUP EM-8



FIRST FLOOR PLAN



SECOND FLOOR PLAN

SYMBOL LEGEND	
CO	CLEAN OUT
FD	FLOOR DRAIN
FS	FLOOR SINK
TL	TOILET
LV	LAVATORY
UR	URINAL
SH	SHOWER
WF	WATER FOUNTAIN
— CLW —	CHEMICAL LIQUID WASTE
— SS —	SANITARY SEWER LINE
EW	EYE WASH

15352-J

SANTA FE ENGINEERING, LTD.

TA-3-510
DRAIN SCHEMATIC

DRAWN	R.L.P.
DESIGN	S.C.D
CHECKED	P.E.B.
RELEASED	
DATE	6/23/93

SUBMITTED | RECOMMENDED | APPROVED

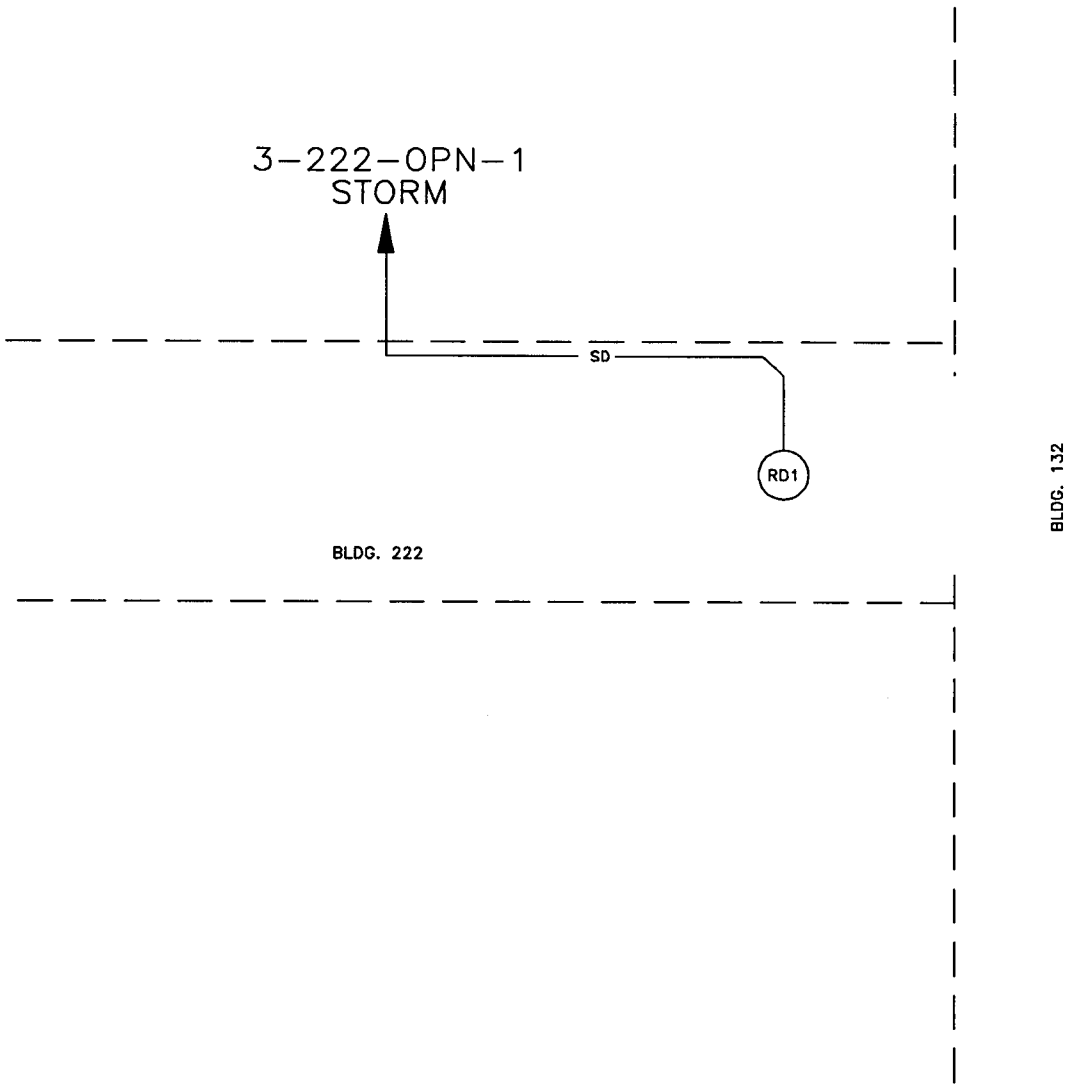
Los Alamos — Los Alamos National Laboratory, Los Alamos, New Mexico 87545

SHEET / OF

CLASSIFICATION | REVIEWER | DATE

REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP EM-8	11056-59	FIGURE 17	

RICH\510.DWG



NOTE: SCHEMATIC BASED ON DRAWINGS
C-44674 SHEETS 1 & 3 AND
C-44675 SHEET 6 AND SITE VISIT

SYMBOL LEGEND	
RD	ROOF DRAIN
—SD—	STORM DRAIN LINE

SANTA FE ENGINEERING, LTD.

TA 3-222 BUILDING
DRAIN SCHEMATIC

DRAWN	PEB
DESIGN	PEB
CHECKED	LBA
RELEASED	
DATE	2/23/93

SUBMITTED | RECOMMENDED | APPROVED

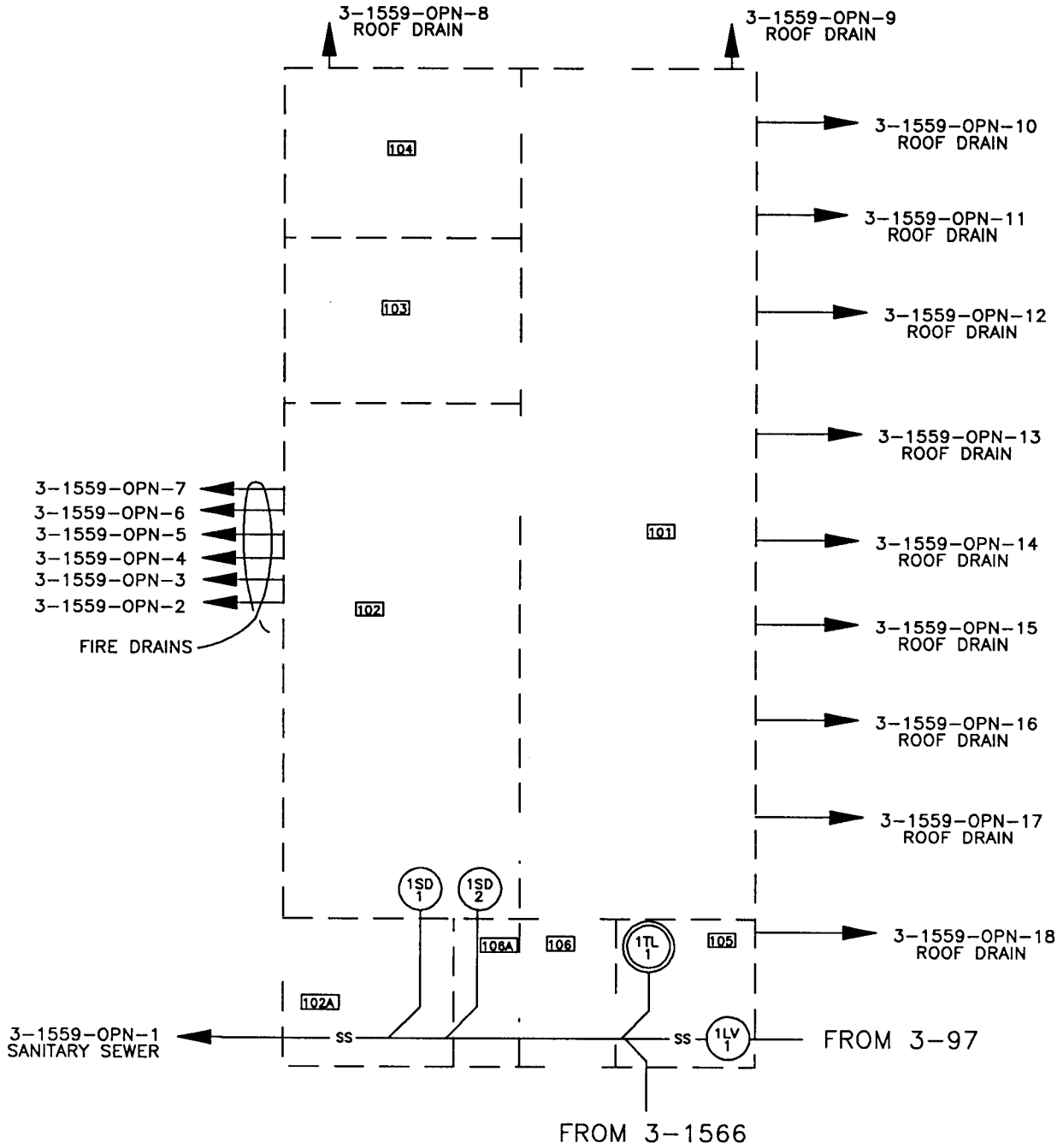
Los Alamos — Los Alamos National Laboratory, Los Alamos, New Mexico 87545

SHEET / OF

CLASSIFICATION | REVIEWER | DATE

REQUESTING DIVISION | LAB JOB NO. | DRAWING NO. | REV.

REQUESTING GROUP EM-8 | 11056-59 | FIGURE 13



NOTE: SCHEMATIC BASED ON DRAWINGS C-44674 SHEETS 1 & 3 AND C-44675 SHEET 6 AND SITE VISIT

SYMBOL LEGEND	
LV	LAVATORY
SD	SINK DRAIN
TL	TOILET
—SS—	SANITARY SEWER LINE

– DYE TESTED DRAIN

SANTA FE ENGINEERING, LTD.

TA 3-1559 BUILDING DRAIN SCHEMATIC

DRAWN	PEB
DESIGN	PEB
CHECKED	LBA
DATE	6/24/93

SUBMITTED | RECOMMENDED | APPROVED

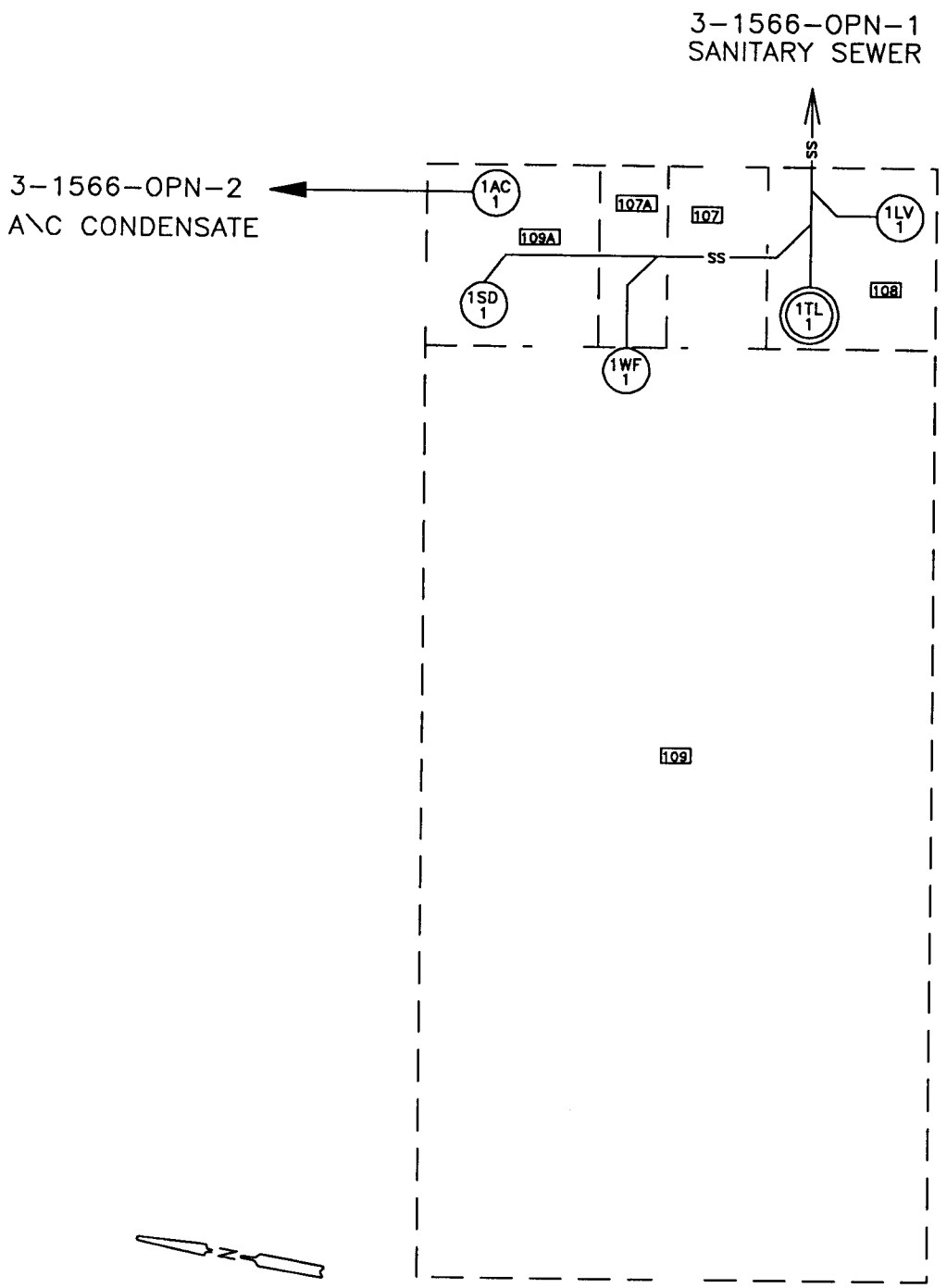
Los Alamos — Los Alamos National Laboratory, Los Alamos, New Mexico 87545

SHEET OF

CLASSIFICATION | REVIEWER | DATE

REQUESTING DIVISION | LAB JOB NO. | DRAWING NO. | REV.

REQUESTING GROUP EM-8 | 11056-59 | FIGURE 18



NOTE: SCHEMATIC BASED ON DRAWINGS
C-44674 SHEETS 1 & 3 AND
C-44675 SHEET 6 AND R-5572 AND
SITE VISIT

SYMBOL LEGEND	
AC	AIR CONDITIONER
LV	LAVATORY
SD	SINK DRAIN
TL	TOILET
WF	WATER FOUNTAIN
—SS—	SANITARY SEWER LINE

◯ - DYE TESTED DRAIN

SANTA FE ENGINEERING, LTD.

TA 3-1566 BUILDING
DRAIN SCHEMATIC

DRAWN	PEB
DESIGN	PEB
CHECKED	LBA
DATE	2/23/93

SUBMITTED | RECOMMENDED | APPROVED

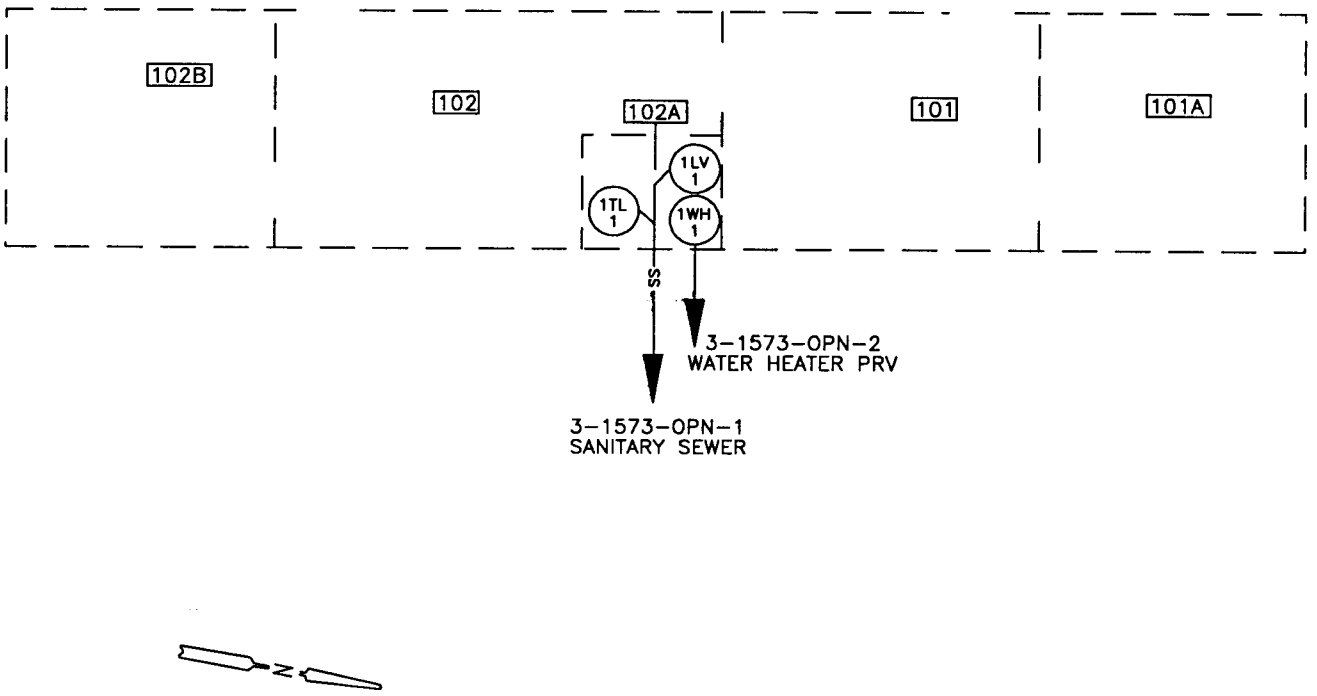
Los Alamos
Los Alamos National Laboratory
Los Alamos, New Mexico 87545

SHEET / OF

CLASSIFICATION | REVIEWER | DATE

REQUESTING DIVISION | LAB JOB NO. | DRAWING NO. | REV.

REQUESTING GROUP EM-8 | 11056-59 | FIGURE 19



NOTE: SCHEMATIC BASED ON DRAWINGS C-45073 SHEET 4 & R-7002 AND SITE VISIT

SYMBOL LEGEND	
LV	LAVATORY
TL	TOILET
WH	WATER HEATER
—SS—	SANITARY SEWER LINE

SANTA FE ENGINEERING, LTD.

TA 3-1573 BUILDING
DRAIN SCHEMATIC

DRAWN	PEB
DESIGN	PEB
CHECKED	LBA
DATE	2/23/93

SUBMITTED | RECOMMENDED | APPROVED

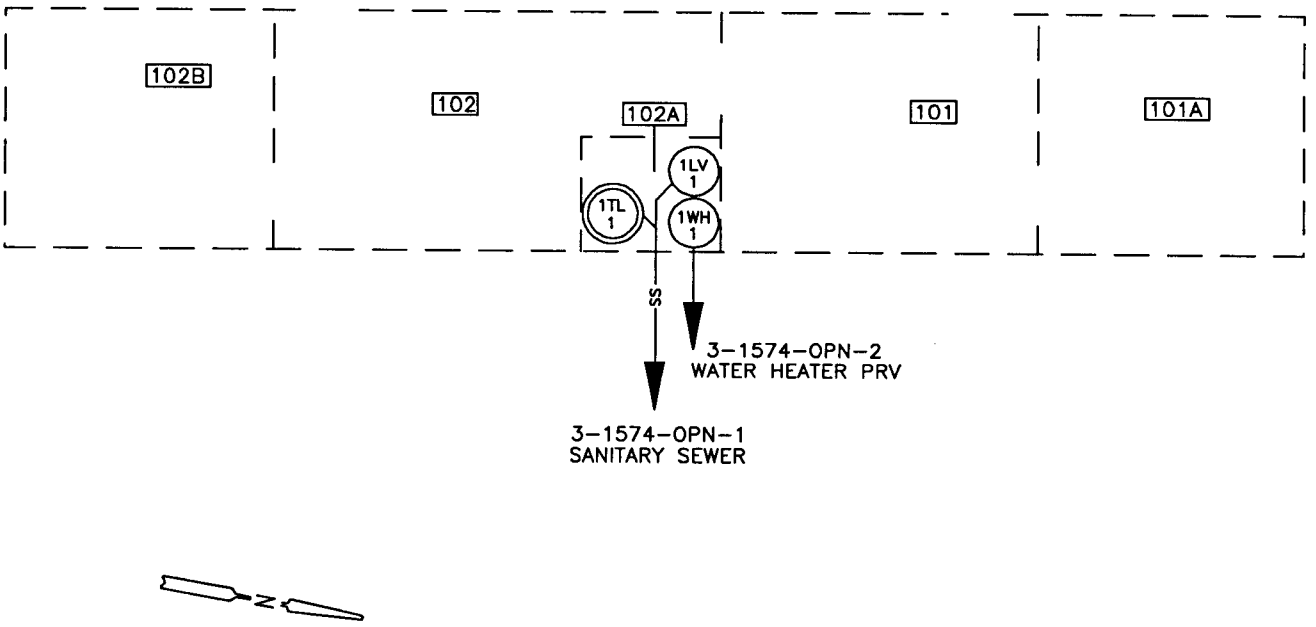
Los Alamos — Los Alamos National Laboratory, Los Alamos, New Mexico 87545

SHEET / OF

CLASSIFICATION | REVIEWER | DATE

REQUESTING DIVISION | LAB JOB NO. | DRAWING NO. | REV.

REQUESTING GROUP EM-8 | 11056-59 | FIGURE 20



NOTE: SCHEMATIC BASED ON DRAWINGS C-45073 SHEET 4 & R-7003 AND SITE VISIT

DYE TESTED DRAIN

SYMBOL LEGEND	
LV	LAVATORY
TL	TOILET
WH	WATER HEATER
—SS—	SANITARY SEWER LINE

SANTA FE ENGINEERING, LTD.

TA 3-1574 BUILDING
DRAIN SCHEMATIC

DRAWN	PEB
DESIGN	PEB
CHECKED	LBA
DATE	6/10/93

SUBMITTED | RECOMMENDED | APPROVED

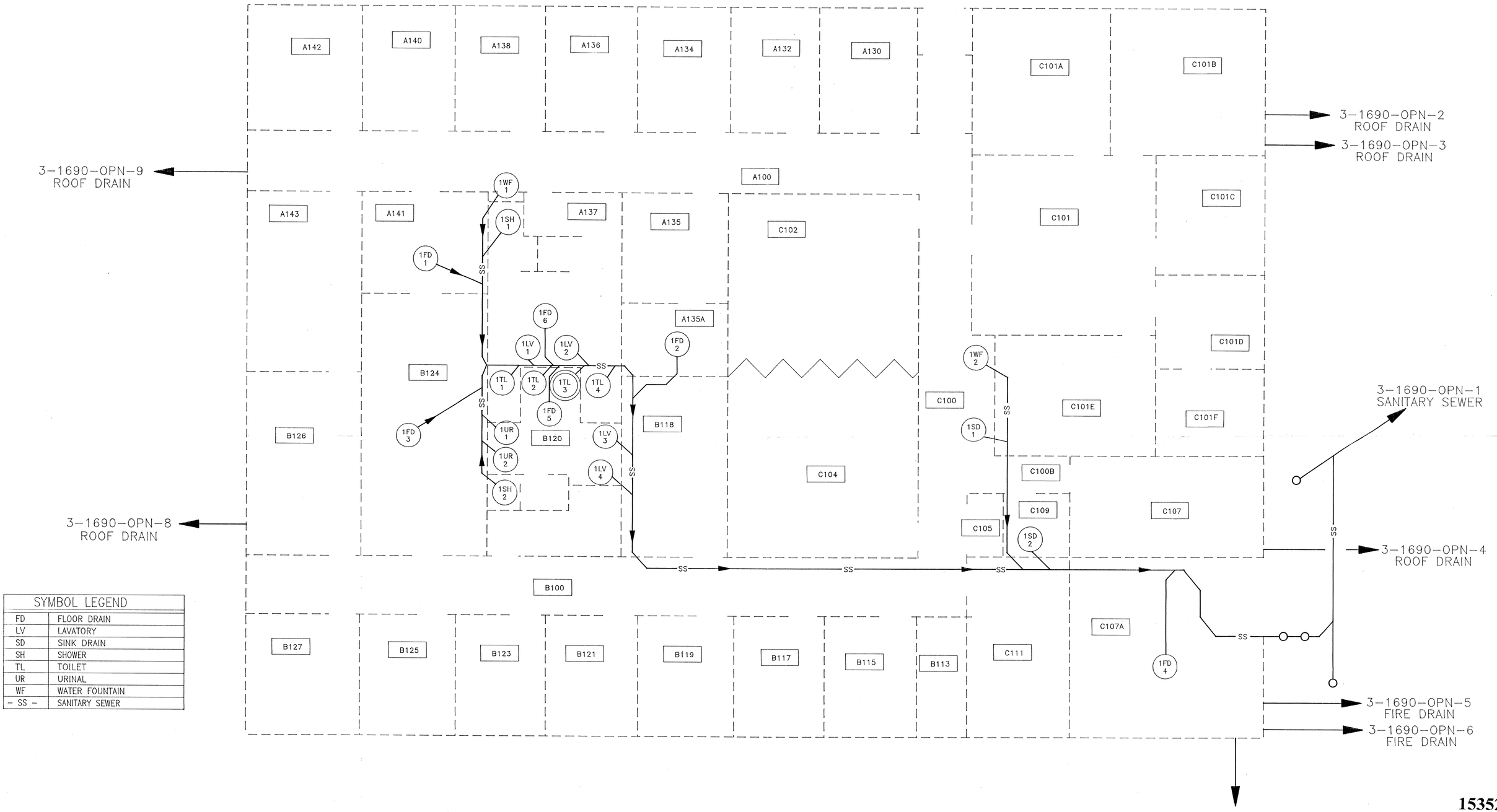
Los Alamos — Los Alamos National Laboratory, Los Alamos, New Mexico 87545

SHEET / OF

CLASSIFICATION | REVIEWER | DATE

REQUESTING DIVISION | LAB JOB NO. | DRAWING NO. | REV.

REQUESTING GROUP EM-8 | 11056-59 | FIGURE 21



SYMBOL LEGEND	
FD	FLOOR DRAIN
LV	LAVATORY
SD	SINK DRAIN
SH	SHOWER
TL	TOILET
UR	URINAL
WF	WATER FOUNTAIN
– SS –	SANITARY SEWER

NOTES: SCHEMATIC BASED ON DRAWINGS
C-45229 SHEETS 4, 11, 30 & 31
AND SITE VISIT

15352-K

SANTA FE ENGINEERING, LTD.

TA 3-1690 BUILDING
DRAIN SUMMARY

DRAWN	PEB
DESIGN	PEB
CHECKED	LBA
DATE	6/24/93

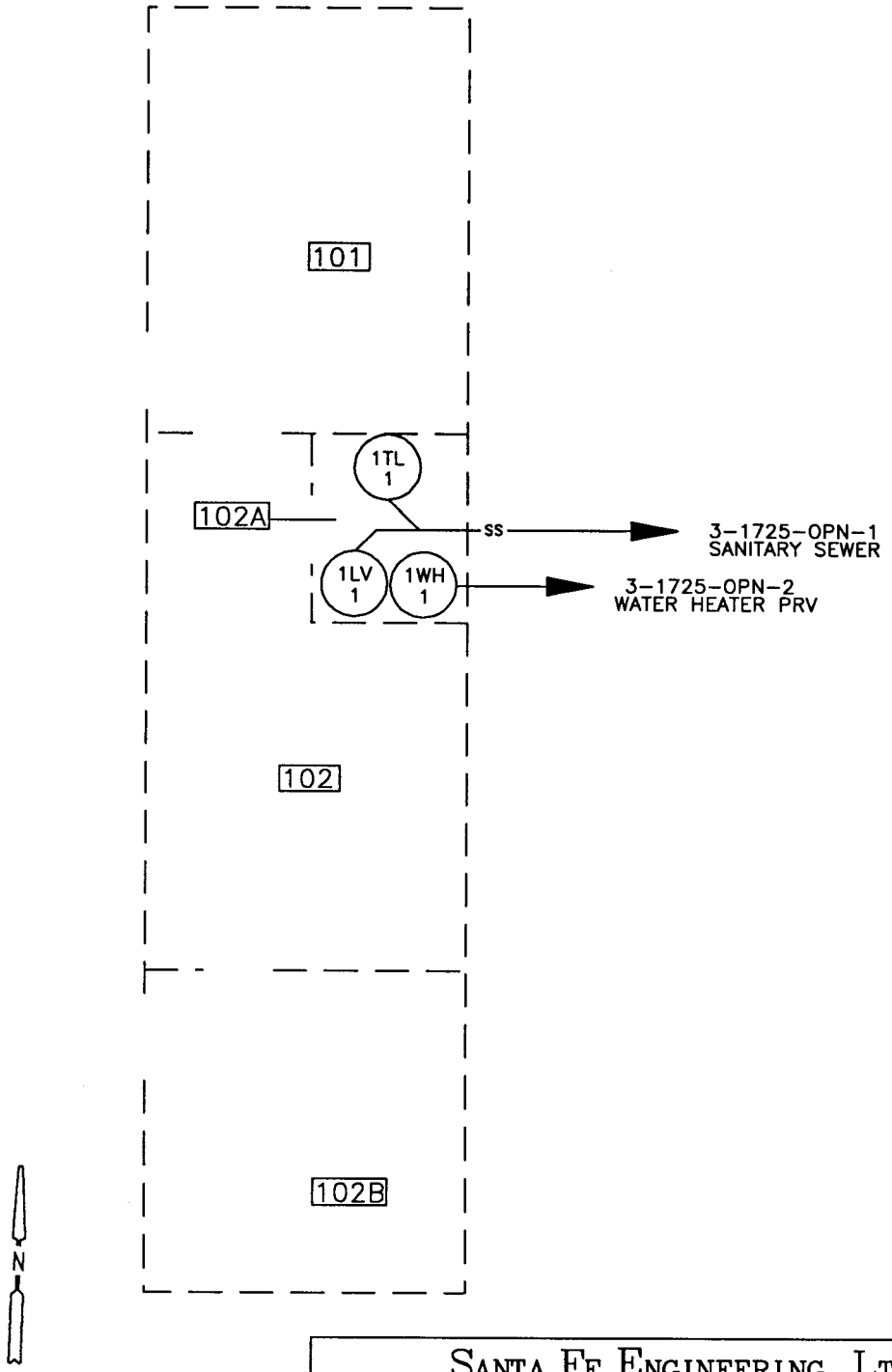
SUBMITTED | RECOMMENDED | APPROVED

Los Alamos — Los Alamos National Laboratory, Los Alamos, New Mexico 87545

SHEET / OF

CLASSIFICATION | REVIEWER | DATE

REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP EM-8	11056-59	FIGURE 23	



NOTE: SCHEMATIC BASED ON DRAWING R-7035 AND SITE VISIT

SYMBOL LEGEND	
LV	LAVATORY
TL	TOILET
WH	WATER HEATER
—SS—	SANITARY SEWER LINE

SANTA FE ENGINEERING, LTD.

TA 3-1725 BUILDING
DRAIN SCHEMATIC

DRAWN	PEB
DESIGN	PEB
CHECKED	LBA
DATE	2/23/93

SUBMITTED | RECOMMENDED | APPROVED

Los Alamos — Los Alamos National Laboratory, Los Alamos, New Mexico 87545

SHEET / OF

CLASSIFICATION | REVIEWER | DATE

REQUESTING DIVISION | LAB JOB NO. | DRAWING NO. | REV.

REQUESTING GROUP EM-8 | 11056-59 | FIGURE 24