

**WASTEWATER STREAM  
CHARACTERIZATION FOR  
TA-35 EXCEPT BUILDINGS  
87, 124, 125, 126, 127, 128,  
213, 294, 301 and 424**

**at  
Los Alamos National Laboratory**

**ENVIRONMENTAL STUDY**

**CHARACTERIZATION REPORT # 57**

**Los Alamos**

Los Alamos National Laboratory is operated by the University of California for the U.S. Department of Energy



**ENVIRONMENTAL DIVISION  
Los Alamos National Laboratory  
Los Alamos, New Mexico 87545  
U.S. Department of Energy**

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an  
ENVIRONMENTAL STUDY

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## EXECUTIVE SUMMARY

Buildings 1, 2, 3, 7, 14, 15, 25, 27, 29, 33, 34, 35, 43, 46, 53, 56, 66, 67, 68, 85, 86, 88, 100, 103, 110, 114, 115, 129, 157, 159, 170, 186, 188, 189, 205, 207, 218, 223, 224, 225, 226, 227, 228, 229, 232, 233, 234, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 248, 249, 250, 251, 253, 254, 255, 256, 257, 258, 261, 262, 263, 264, 268, 269, 270, 278, 279, 309, 310, 314, 316, 326, 327, 330, 331, 332, 333, 336, 337, 344, 345, 346, 347, 348, 349, 350, 352, 353, 354, 356, 358, 359, 360, 361, 362, 363, 364, 365, 366, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 382, 384, 385, 386, 388, 389, 390, 392, 393, 394, 395, 406, 407, 408, 409, 410, 412, 422, 423, 424, 425, 451, 454, 457, 465 and 466 in TA-35 were visited to document all drain piping and building outfalls and to make permitting recommendations. The pipes exiting the buildings are as follows:

- 1) from 35-1: one outlet pipe to daylight from a hot water heater pressure relief valve and one sanitary sewer connection from rest room facilities,
- 2) from 35-2: four sanitary sewer connections, one discharge to daylight from an air equipment drainage sump, one discharge to daylight from an acid tank clean-out line, one discharge to daylight from a roof-mounted holding tank, one discharge to daylight from area and floor drains, fifteen discharges to daylight from roof drains and storm gutters, six vents from vacuum pumps, five exhaust vents, five vents from sanitary sewer and underground pipes, fifteen discharges to daylight from fire water systems, four disconnected or sealed pipes routed to daylight, one area drain from an escape hatch, three exhaust shaft drains/samplers, eleven natural gas and gas cylinder system outlets, one air inlet, two pressure relief valve discharges, one pneumatic station pit overflow drain and one chemical tank overflow,
- 3) from 35-7: four discharges to daylight from fire water systems, one sanitary connection from a covered sink and floor drains and one discharge of storm water,
- 4) from 35-25: one discharge to daylight from a pressure relief valve, one transformer vent and one discharge of stormwater from a roof downspout,
- 5) from 35-27: three sanitary sewer connections, one steam vent drain, four fire water connections, one condensed water discharge, one pressure relief valve discharge, two discharges of storm water from roof drains and one discharge from a backflow preventer,

- 6) from 35-29: two sanitary sewer connections, one discharge from roof drains, one discharge from a hot water pressure relief valve, four fire water connections and two backflow preventer discharges,
- 7) from 35-33: one cooling tower blowdown and one cooling tower drain,
- 8) from 35-34: one discharge from roof drains, one air compressor vent, one backflow preventer, one disconnected pipe, one discharge from a hot water heater pressure relief valve, one sanitary sewer connection and one discharge from capped pipe drains,
- 9) from 35-35: one sanitary sewer connection,
- 10) from 35-46: two sanitary sewer connections, six fire water discharges, two backflow preventer discharges and one discharge from a hot water pressure relief valve,
- 11) from 35-67: seven fire water discharges, one backflow preventer discharge, one sanitary sewer connection, two drains from air equipment, two discharges from hot water pressure relief valves, two disconnected pipes, two roof downspouts, two ventilation ducts and one drain from a backflow preventer and air equipment,
- 12) from 35-68: four discharges from roof drains, one disconnected pipe and one sanitary sewer connection,
- 13) from 35-85: twelve discharges from roof drains and downspouts, four fire water discharges, three discharges from air cooler systems, one discharge from a filter drain, one discharge from a pressure relief valve, one sanitary vent, one gas cylinder connection, one insulating oil pipe, three deionized water tank drains and two sanitary sewer connections,
- 14) from 35-86: six discharges from roof drains and downspouts, four fire water discharges, one discharge from a backflow preventer, one sanitary sewer connection and six glycol cooling unit drains,
- 15) from 35-88: one sanitary sewer connection and four fire hose connections,
- 16) from 35-110: four discharges from roof downspouts, two discharges of condensed water, one sanitary sewer connection and one pressure relief valve discharge,

- 17) from 35-114: four discharges from roof downspouts, two discharges of condensed water, one sanitary sewer connection and one pressure relief valve discharge,
- 18) from 35-129: two discharges from fire systems,
- 19) from 35-157: nine discharges from a glycol based cooling unit,
- 20) from 35-159: two outfalls from an oil drum secondary containment structure,
- 21) from 35-170: one discharge from a carbon dioxide manifold drain,
- 22) from 35-186: two discharges of condensed water, one sanitary sewer connection and one pressure relief valve discharge,
- 23) from 35-188: two discharges from roof downspouts, two discharges from compressed air equipment, two fire system discharges, one sanitary sewer connection and one pressure relief valve discharge,
- 24) from 35-189: six discharges from roof downspouts and roof drains, three fire system discharges, one sanitary sewer connection and one condensed water discharge,
- 25) from 35-207: one discharge from a roof downspout, six fire system discharges and one sanitary sewer connection,
- 26) from 35-218: one hot water pressure relief valve discharge and one sanitary sewer connection,
- 27) from 35-238: one condensed water discharge,
- 28) from 35-241: one disconnected sanitary discharge to daylight,
- 29) from 35-242: one condensed water discharge,
- 30) from 35-251: one condensed water discharge,
- 31) from 35-253: two hot water pressure relief valve discharges, one roof downspout, one condensed water discharge and one sanitary sewer connection,
- 32) from 35-254: one discharge from a fire water system,
- 33) from 35-255: one discharge from a backflow preventer, one discharge of condensed water, one discharge from a hot water pressure relief valve, one discharge from a fire

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- 34) from 35-257: one sanitary sewer connection and roof downspout,
- 35) from 35-264: one sanitary sewer connection and one hot water pressure relief discharge,
- 36) from 35-268: one sanitary sewer connection and two roof downspouts,
- 37) from 35-269: four roof downspouts, one hot water pressure relief discharge and one sanitary sewer connection,
- 38) from 35-270: two roof downspouts,
- 39) from 35-278: three unused oil drains to daylight,
- 40) from 35-279: three unused oil drains to daylight,
- 41) from 35-336: one hot water pressure relief discharge and one sanitary sewer connection,
- 42) from 35-347: one water supply line pressure relief discharge,
- 43) from 35-356: one condensed water discharge and three discharges to fire systems,
- 44) from 35-385: one discharge from a shed drain and
- 45) from 35-454: four discharges from roof downspouts, two hot water pressure relief discharges and one sanitary sewer connection.

EPA form 2D's for the appropriate outfalls have been included in Appendix 3.

Recommendations for repiping are provided to permit outfall consolidation to minimize permit maintenance requirements and to bring the facility into compliance with the Laboratory's NPDES permits and Environmental policies. Floor drain plugging and spill containment is recommended where the potential for discharge of pollutants exists.

A waste stream database has been prepared listing wastewater type and flowrate for each outfall.

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11. TA-35-33 BUILDING DRAIN SCHEMATIC
12. TA-35-34 BUILDING DRAIN SCHEMATIC
13. TA-35-67 BUILDING DRAIN SCHEMATIC
14. TA-35-68 BUILDING DRAIN SCHEMATIC
15. TA-35-85, TA-35-157 AND TA-35-159 BUILDING DRAIN SCHEMATIC
16. TA-35-86 BUILDING DRAIN SCHEMATIC
17. TA-35-88 BUILDING DRAIN SCHEMATIC
18. TA-35-110 BUILDING DRAIN SCHEMATIC
19. TA-35-114 BUILDING DRAIN SCHEMATIC
20. TA-35-170 BUILDING DRAIN SCHEMATIC
21. TA-35-186 BUILDING DRAIN SCHEMATIC
22. TA-35-188 BUILDING DRAIN SCHEMATIC
23. TA-35-189 BUILDING DRAIN SCHEMATIC
24. TA-35-129 BUILDING DRAIN SCHEMATIC
25. TA-35-207 BUILDING DRAIN SCHEMATIC
26. TA-35-218 BUILDING DRAIN SCHEMATIC
27. TA-35-238 BUILDING DRAIN SCHEMATIC
28. TA-35-241 BUILDING DRAIN SCHEMATIC
29. TA-35-242 BUILDING DRAIN SCHEMATIC
30. TA-35-251 BUILDING DRAIN SCHEMATIC
31. TA-35-253 BUILDING DRAIN SCHEMATIC
32. TA-35-254 BUILDING DRAIN SCHEMATIC
33. TA-35-255 BUILDING DRAIN SCHEMATIC
34. TA-35-257 BUILDING DRAIN SCHEMATIC
35. TA-35-264 BUILDING DRAIN SCHEMATIC
36. TA-35-268, TA-35-269 AND TA-35-270 BUILDING DRAIN SCHEMATIC
37. TA-35-278 AND TA-35-279 BUILDING DRAIN SCHEMATIC
38. TA-35-336 BUILDING DRAIN SCHEMATIC
39. TA-35-385 BUILDING DRAIN SCHEMATIC
40. TA-35-454 BUILDING DRAIN SCHEMATIC
41. TA-35-46 BUILDING DRAIN SCHEMATIC
42. TA-35-356 BUILDING DRAIN SCHEMATIC

## 1.0 INTRODUCTION

During December of 1992 and January and February of 1993, Ed Hepworth of Santa Fe Engineering (SFE) toured buildings 1, 2, 3, 7, 14, 15, 25, 27, 29, 33, 34, 35, 43, 46, 53, 56, 66, 67, 68, 85, 86, 88, 100, 103, 110, 114, 115, 129, 157, 159, 170, 186, 188, 189, 205, 207, 218, 223, 224, 225, 226, 227, 228, 229, 232, 233, 234, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 248, 249, 250, 251, 253, 254, 255, 256, 257, 258, 261, 262, 263, 264, 268, 269, 270, 278, 279, 309, 310, 314, 316, 326, 327, 330, 331, 332, 333, 336, 337, 344, 345, 346, 347, 348, 349, 350, 352, 353, 354, 356, 358, 359, 360, 361, 362, 363, 364, 365, 366, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 382, 384, 385, 386, 388, 389, 390, 392, 393, 394, 395, 406, 407, 408, 409, 410, 412, 422, 423, 424, 425, 451, 454, 457, 465 and 466 at TA-35.

The purpose of this study is to identify building drain piping and to characterize the wastewater flows and sources at the time of the visit. This report will not reflect any subsequent changes in piping or operation. The Waste 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 building were identified and laid out in schematic form;
2. Wastewater sources were identified at each drain, and the wastewater 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 application for discharges of clean water 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 (Figures 2 through 42) from drawings provided by LANL Facilities Engineering Division. The following process was used to define drain piping and characterize the wastewater streams:

1. Laboratory engineering drawings were used to prepare the SFE drain piping schematics. The Solid Waste Stream Characterization conducted by IT Corporation was also reviewed. The National Pollutant Discharge Elimination System (NPDES) Permit, the 1990 NPDES Permit Application submitted by Los Alamos National Laboratory (LANL) in September, 1990, the latest Federal Facilities Compliance Agreement (FFCA) between the Department of Energy (DOE) and the Environmental Protection 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 schematics and to identify potential outfall pipes exiting the building. The visit entailed a room by room inspection of wastewater sources and drains. Interviews with site personnel were conducted to assist in wastestream characterization.

## 2.0 FIELD INVESTIGATION

The pipes exiting the building have been assigned Outlet Piping Numbers. 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 pipe 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 indicates the floor on which the drain is located. The second part has letters that indicate the type of drain (see Table 1). The final part is the unique number for the drain. For example, the first floor drain in the sequence on the basement floor of a building would be labeled BFD1. Similarly, the first Roof Drain in a sequence would be identified as RD1.

The functions of each pipe exiting from the buildings are listed in Appendix 1, Tables 2 through 46, with an abbreviations list in Table 1. Table 47 in Appendix 1 contains recommendation information that is not specific to individual drains. Appendix 2 contains the wastestream characterization database output, listing wastewater source, flow rates and periodicity information for each outfall drain. Completed EPA forms are in Appendix 3 for the appropriate outfalls. Appendix 4 provides dye study information. Flow schematics of the drains from each building are attached in Appendix 5 as Figures 1 through 42.

### 3.0 RECOMMENDATIONS FOR BUILDING 35-1

Table 2 is a list of the drains to the building outfalls and Figure 2 is a schematic of the drain piping. The discussion below gives the reasoning for the recommendations.

#### 3.1 Outfall 35-1-OPN-1

This outfall to daylight drains a hot water pressure relief valve (PRV). The outfall should be included in a Notice of Intent (NOI). No permitting is recommended. No EPA forms were prepared.

#### 3.2 Outfall 35-1-OPN-2

This outfall connects to the sanitary sewer system at TA-46 and receives flow from rest room facilities. No piping changes or permits are recommended. No EPA forms were prepared.

### 4.0 RECOMMENDATIONS FOR BUILDING 35-2

Table 3 is a list of the drains to the building outfalls and Figures 3 and 4 are schematics of the piping. The table lists the drains that connect to each outfall pipe and includes recommendations for changes to the drain piping. The discussion below gives the reasoning for the recommendations.

#### 4.1 Outfall 35-2-OPN-1

This outfall flows into the site sanitary sewer system. Facilities that flow to this outfall include cup sink drains (3), an eye wash drain, floor drains (50), lavatories (2), equipment drains (2), sink drains (40), a shower, sump pumps (2), toilets (2), water fountains (4) and area drains (6). As Table 3 and Figures 3 and 4 indicate, several areas where contributing flow originates for this outfall are labeled as

radiologically controlled. Laboratory Administrative requirements and wastewater stream characterization policies dictate that liquid flow from these areas must be considered as radioactive waste. Accordingly, modifying all drainage in these areas is recommended. Interviews with Jeff Hanson, the manager of building 2 at the time of field investigations, indicated that much of the southeast wing of the building is maintained as a "buffer zone" to serve only a few rooms which actually need to be controlled for radiological purposes. The need for this zone could not be directly assessed by SFE employees and should be reevaluated by the appropriate individuals at the facility. Rooms A133 and A135 were reported to contain sources requiring controlled labeling. It is recommended that sink drains 1SD18 and 1SD19, located in these rooms, be removed or repiped to the Radioactive Liquid Waste (RLW) system. Other rooms at the far east end of the south wing and in the basement at the east end harbor contamination from deactivated hot cells. Drainage from these rooms is minimal and should be plugged. If it is necessary to maintain the controlled areas in all of the laboratories on the southeast wing and in those indicated on the north wing, repiping the sanitary system in those areas to the RLW system would be required. Alternatively, if the controlled areas could be minimized, plugging drains only in controlled laboratories and maintaining the existing sanitary system would minimize the effort and expense required for regulatory compliance. A third alternative for those laboratories in which controlled activities are performed would be to discontinue or relocate operations to an area where acid waste drainage already exists.

Additional items pertaining to this outfall include the floor drains in the equipment rooms in the basement and the southeast end of the first floor. Many of these drains receive no direct flow and should be plugged. Currently the entire south wing of the basement is labeled as controlled. This labeling should also be reconsidered. Recommendations for this area follow

those for the first floor. It should be noted that any equipment located in a controlled area cannot discharge to a sanitary sewer drain. This requires that not only the floor drains in the area be moved out the controlled area, but the equipment contributing flow to the drain as well. If the controlled status cannot be changed for the area, repiping the floor drains to the RLW system would be required in order for liquid operations in the basement to continue.

Other floor drains which are on the first floor in machine shops and laboratories receive no flow. These drains should be plugged. Many of the laboratories on the first floor have floor drains which are covered by either carpet or machinery. These drains should be verified and plugged. BAD4, located at the base of a stairwell on the west end of the north wing and BAD5 and BAD6, both on the south side of the north wing, should all be repiped to the storm water system. Containerizing air equipment in the basement equipment rooms is recommended to prevent oily discharge into the sanitary sewage system. The battery bank in room A00 should be containerized to prevent flow into the sanitary sump in the event of an accident. Two acid waste collection tanks in room A10 are located near floor drain BFD19. Plugging the drain and removing the two tanks, which are currently unused, is recommended. It is recommended that all sink and cup sink drains that are to remain connected to this outfall be labeled "SANITARY WASTE ONLY - NO CHEMICAL DISCHARGE". No other changes are recommended. No EPA forms were prepared.

#### 4.2 Outfall 35-2-OPN-2

This outfall receives flow from an air equipment drainage sump and discharges to daylight. It is recommended that the discharge from the air equipment be containerized and that the sump pump with its discharge piping be removed. No permitting is recommended. The sump is located in a controlled area of the

building. Changing the controlled status of the room in which the sump and the air equipment is located (Room A12A) should be considered, as no immediate radiological sources are present there. If a status change is found to be inappropriate, repiping the sump to the acid waste sewer is recommended. Alternatively, discontinuing use of the air equipment or containerizing its drainage is recommended. No EPA forms were prepared.

#### 4.3 Outfall 35-2-OPN-3

This outfall receives flow from the two acid waste tanks located near BFD19 in room A10. The tanks were intended to collect acid waste from three sinks in laboratories on the first floor. When full, they were to be pumped out through 35-2-OPN-3 and trucked to TA-50 for treatment. One of the three sinks has been disconnected and the other two are not currently used. Generation of acid waste in the two sinks which are still connected is not foreseen in the future, therefore removing the tanks, the pumping line and the area drain under it is recommended. No other changes are recommended. No EPA forms were prepared.

#### 4.4 Outfalls 35-2-OPN-4 and 35-2-OPN-5

These outfalls connect to the sanitary sewage system at TA-46. They receive flow from rest room facilities, kitchen areas, locker and shower rooms, machine shops and a janitor's closet. Facilities that flow to 35-2-OPN-4 include floor drains (4), lavatories (3), an equipment drain, sink drains (3), showers (2), toilets (3), urinals (2) and a water fountain. It is recommended that sink drains 1SD30, 1SD31 and 1SD32 be labeled "SANITARY WASTE ONLY - NO CHEMICAL DISCHARGE". It is recommended that floor drain 1FD10 and equipment drain 1ED1 be plugged, as they receive no direct flow. Facilities that flow to 35-2-OPN-5 include floor drains (2), lavatories (4), sink

drains (4), a shower, toilets (4), a urinal and a water fountain. It is recommended that sink drains 1SD1, 1SD2, 1SD3 and 1SD4 be labeled "SANITARY WASTE ONLY - NO CHEMICAL DISCHARGE". No permitting is recommended. No EPA forms were prepared.

#### 4.5 Outfall 35-2-OPN-6

This outfall discharges to daylight from a storage tank on the roof of the south wing of the building. The tank does not appear to be in use at this time and its function was not indicated by site personnel. Containerizing the discharge from the tank is recommended. It is recommended that the operating group review and implement the Los Alamos Spill Prevention Control and Countermeasures (SPCC) Plan, Revision 3, as it pertains to this storage tank. No EPA forms were prepared.

#### 4.6 Outfall 35-2-OPN-7

This outfall discharges flow from an external area drain and two floor drains in the north basement of the building. The two floor drains should be repiped to the sanitary sewer system. No other changes are recommended. An EPA form 2D has been included in Appendix 3.

#### 4.7 Outfalls 35-2-OPN-8, 35-2-OPN-55 and 35-2-OPN-61

These outfalls receive flow from boiler PRVs. Including them in an NOI is recommended. No piping changes are recommended. No EPA forms were prepared.

4.8 Outfalls 35-2-OPN-9, 35-2-OPN-10, 35-2-OPN-11, 35-2-OPN-12, 35-2-OPN-13, 35-2-OPN-14, 35-2-OPN-21, 35-2-OPN-23, 35-2-OPN-25, 35-2-OPN-29, 35-2-OPN-30, 35-2-OPN-31, 35-2-OPN-40, 35-2-OPN-67 and 35-2-OPN-73

These outfalls discharge storm water from roof downspouts and roof drains to daylight. No piping changes are recommended. No EPA forms were prepared.

4.9 Outfall 35-2-OPN-15

This outfall receives flow from a sink drain and a water fountain and discharges to the sanitary sewer system at TA-46. It is recommended that sink drain 1SD24 be labeled "SANITARY WASTE ONLY - NO CHEMICAL DISCHARGE". No EPA forms were prepared.

4.10 Outfalls 35-2-OPN-16, 35-2-OPN-18, 35-2-OPN-69, 35-2-OPN-74, 35-2-OPN-77 and 35-2-OPN-78

These outfalls vent exhaust from vacuum pumps. They do not discharge liquid to the atmosphere. No piping changes are recommended. No EPA forms were prepared.

4.11 Outfalls 35-2-OPN-17, 35-2-OPN-32, 35-2-OPN-33, 35-2-OPN-52 and 35-2-OPN-68

These outfalls vent exhaust from heating, ventilation and air conditioning equipment. They do not discharge liquid to the atmosphere. No piping changes are recommended. No EPA forms were prepared.

4.12 Outfalls 35-2-OPN-19 and 35-2-OPN-65

These outfalls vent the sanitary sewer system. They do not discharge liquid to the atmosphere. No piping changes are recommended. No EPA forms were prepared.

4.13 Outfalls 35-2-OPN-20, 35-2-OPN-22, 35-2-OPN-26, 35-2-OPN-27, 35-2-OPN-28, 35-2-OPN-34, 35-2-OPN-38, 35-2-OPN-39, 35-2-OPN-41, 35-2-OPN-49, 35-2-OPN-50, 35-2-OPN-51, 35-2-OPN-53, 35-2-OPN-63 and 35-2-OPN-64

These outfalls discharge water from fire protection systems to daylight. They should be included in an NOI. No piping changes are recommended. No EPA forms were prepared.

4.14 Outfalls 35-2-OPN-24, 35-2-OPN-57, 35-2-OPN-58 and 35-2-OPN-66

These outfalls are disconnected pipes and sealed pipes. Removal of these pipes and sealing of the penetrations is recommended. No other changes are recommended. No EPA forms were prepared.

4.15 Outfall 35-2-OPN-35

This outfall discharges storm water from an escape hatch area drain. Including the outfall in an NOI is recommended. No piping changes are recommended. No EPA forms were prepared.

4.16 Outfalls 35-2-OPN-36 and 35-2-OPN-37

These outfalls are vent pipes from the ground level of the building. Site personnel were unable to indicate their usage. Verifying their function is recommended. If they are determined to be sanitary vents, then no changes are recommended. If they serve no immediate function, then elimination is recommended. No EPA forms were prepared.

4.17 Outfalls 35-2-OPN-42 and 35-2-OPN-43 and 35-2-OPN-44

These outfalls are drains and samplers for an exhaust stack. Verification that 35-2-OPN-42 and 35-2-OPN-43 serve no other purpose is recommended. It is recommended that they be included in a general Laboratory NOI. No EPA forms were prepared.

4.18 Outfalls 35-2-OPN-45, 35-2-OPN-46, 35-2-OPN-47, 35-2-OPN-48, 35-2-OPN-70, 35-2-OPN-71 and 35-2-OPN-72

These outfalls are gas cylinder station vents and connections. They do not discharge liquid to the atmosphere. No piping changes are recommended. No EPA forms were prepared.

4.19 Outfall 35-2-OPN-54

This outfall is an equipment room air inlet for building ventilation. The outfall does not discharge liquid to the atmosphere. No piping changes are recommended. No EPA forms were prepared.

4.20 Outfall 35-2-OPN-56

This outfall drains overflow from a pneumatic station pit. Air equipment should be contained. The outfall discharges from a controlled area, therefore eliminating it or changing the controlled status of the area is recommended. No other changes are recommended. No EPA forms were prepared.

4.21 Outfalls 35-2-OPN-59, 35-2-OPN-60, 35-2-OPN-75 and 35-2-OPN-76

These outfalls are bleed lines and vents from natural gas supply systems. They do not discharge liquid to the atmosphere. No piping changes are recommended. No EPA forms were prepared.

4.22 Outfall 35-2-OPN-62

This outfall drains overflow from a chemical tank to daylight. The chemical tank is currently nearly empty and is labeled as a caustic discharge treatment. Appropriate upkeep of the tank and administrative control over its usage would circumvent the need for the overflow pipe, which represents a threat to the environment. The outfall pipe should be eliminated. No other changes are recommended. No EPA forms were prepared.

#### 4.23 Outfall 35-2-OPN-79

This outfall is from three sink drains and discharges to daylight. It is recommended that sink drains 1SD5, 1SD21 and 1SD22 either be removed or repiped to the sanitary sewer system. If the sinks are repiped to sanitary they should be labeled "SANITARY WASTE ONLY - NO CHEMICAL DISPOSAL". No permitting is recommended, however, an EPA form 2D has been included in Appendix 3.

#### 5.0 RECOMMENDATIONS FOR BUILDING 35-3

No schematics or drain summary tables have been included for this building. This structure is a phase separation pit between the southeast wing of building 2 and building 7 (see Figure 1). The pit was designed to separate air and water streams exiting building 2 through the building's original ventilation and waste elimination system. The pit is now full of potentially contaminated water and is thought to be leaking into the surrounding groundwater. The structure is scheduled for removal. Proceeding with the removal of the pit promptly is recommended. It is also recommended that the operating group review and implement the Los Alamos SPCC Plan, Revision 3, as it pertains to the phase separation pit. No EPA forms were prepared.

#### 6.0 RECOMMENDATIONS FOR BUILDING 35-7

Table 4 is a list of the drains to the building outfalls and Figure 5 is a schematic of the drain 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.

#### 6.1 Outfalls 35-7-OPN-1, 35-7-OPN-3, 35-7-OPN-4 and 35-2-OPN-5

These outfalls drain water from the buildings fire protection systems to daylight. The building is a controlled area and is scheduled for demolition. Proceeding promptly with the elimination of the building and this outfall is recommended. No other changes are recommended. No EPA forms were prepared.

#### 6.2 Outfall 35-7-OPN-2

This outfall originally drained discharge from floor drains and a sink drain to the technical area's now defunct RLW system. All sources to the outfall have now been covered with concrete due to radiological contamination of the building. Elimination of the drains and the outfall is recommended. No other changes are recommended. No EPA forms were prepared.

#### 6.3 Outfall 35-7-OPN-6

This outfall discharges storm water from the contaminated building's roof. Elimination of the building and the outfall is recommended. No other changes are recommended. No EPA forms were prepared.

### 7.0 **RECOMMENDATIONS FOR BUILDINGS 35-14 AND 35-15**

Table 47, the non-drain recommendation table, of Appendix 1 contains recommendations for these buildings. Building 35-14 is an unused septic tank and it is recommended that it be decommissioned in accordance with the procedures outlined in the EM-8 Septic Tank Management Program Action Plan. Building 35-15 is a dosing chamber that is no longer being used. It is recommended that this structure be removed. No other changes are recommended. No EPA forms were prepared.

## 8.0 RECOMMENDATIONS FOR BUILDING 35-25

Table 5 is a list of the drains to the building outfalls and Figure 6 is a schematic of the drain 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 35-25-OPN-1

This outfall discharges flow from a hot water PRV to daylight. Including it in an NOI is recommended. No piping changes are recommended. No EPA forms were prepared.

### 8.2 Outfall 35-25-OPN-2

This outfall is a vent from an electrical transformer. The outfall does not discharge liquid to the atmosphere. No piping changes are recommended. No EPA forms were prepared.

### 8.3 Outfall 35-25-OPN-3

This outfall discharges storm water from a roof downspout. No piping changes are recommended. No EPA forms were prepared.

## 9.0 RECOMMENDATIONS FOR BUILDING 35-26

No schematics or drain summary tables have been included for this building. This building has been incorporated as the north wing of building 35-2 (see Section 3.0) but is still indicated on some laboratory structure inventories as a separate structure. Recommendations for this structure are included in Section 3.0.

## 10.0 RECOMMENDATIONS FOR BUILDING 35-27

Table 6 is a list of the drains to the outfalls for the building and Figures 7 and 8 are schematics 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 35-27-OPN-1

This outfall discharges to the sanitary sewer system at TA-46 and receives flow from rest room facilities, a janitor's closet and floor drains in the basement and sub-basement in the building. Facilities that flow to this outfall include floor drains (8), lavatories (4), toilets (4), a sink drain, showers (2), urinals (2) and water fountains (3). The flow is received by the sump labeled as SBSP1 before exiting the building. Plugging unused floor drains in the sub-basement storage area is recommended. It is also recommended that sink drain SBSD3 be labeled "SANITARY WASTE ONLY - NO CHEMICAL DISPOSAL". No EPA forms were prepared.

### 10.2 Outfall 35-27-OPN-2

This outfall discharges to the sanitary sewer system at TA-46 and receives flow from the sump SBSP2. Facilities that flow to this outfall include cup sink drains (3), floor drains (20) and sink drains (2). Pipes exiting the sump are labeled as acid waste, as this sump originally connected to the TA-35's RLW treatment facility. The discharge from the sump has recently been repiped to join the flow from 35-27-OPN-1 just outside of the building. The exit pipes from the sump should be relabeled to indicate the changed status. Alternatively, the inlets to this sump could be repiped to the SBSP1, which is less than 50 feet away. The three cup drains in laboratories 104A and 104B, which are in a controlled area, should be plugged or eliminated.

Air equipment, pumps and the generator engine and power supply in room 107 should be containerized. It is also recommended that sink drains BSD1 and SBS2 be labeled "SANITARY WASTE ONLY - NO CHEMICAL DISPOSAL". No other changes are recommended. No EPA forms were prepared.

#### 10.3 Outfall 35-27-OPN-3

This outfall discharges to the sanitary sewer system at TA-46 and receives flow from rest room facilities on the first floor of the building. No piping changes are recommended. No EPA forms were prepared.

#### 10.4 Outfall 35-27-OPN-4

This outfall discharges condensed water from a steam vent drain to daylight. Including the outfall in an NOI is recommended. No piping changes are recommended. No EPA forms were prepared.

#### 10.5 Outfalls 35-27-OPN-5, 35-27-OPN-6, 35-27-OPN-11 and 35-27-OPN-13

These outfalls drain fire protection water to daylight. Including them in an NOI is recommended. No piping changes are recommended. No EPA forms were prepared.

#### 10.6 Outfall 35-27-OPN-7

This outfall discharges condensed water from an equipment room ventilation system to daylight. Including the outfall in an NOI is recommended. No piping changes are recommended. No EPA forms were prepared.

#### 10.7 Outfall 35-27-OPN-8

This outfall discharges water from a hot water PRV to daylight. Including the outfall in an NOI is recommended. No piping changes are recommended. No EPA forms were prepared.

#### 10.8 Outfalls 35-27-OPN-9 and 35-27-OPN-10

These outfalls discharge storm water from roof downspouts to daylight. No piping changes are recommended. No EPA forms were prepared.

#### 10.9 Outfall 35-27-OPN-12

This outfall discharges drainage from a backflow preventer to daylight. Including it in an NOI is recommended. No piping changes are recommended. No EPA forms were prepared.

### **11.0 RECOMMENDATIONS FOR BUILDING 35-29**

Table 7 is a list of the drains to the building outfalls and Figures 9 and 10 are schematics of the piping. The table lists the drains that connect to each outfall pipe and includes recommendations for changes to the drain piping. The discussion below gives the reasoning for the recommendations.

#### 11.1 Outfall 35-29-OPN-1

This outfall to daylight drains stormwater from roof drains. No piping changes are recommended. No EPA forms were prepared.

#### 11.2 Outfall 35-29-OPN-2

This outfall connects to the sanitary sewer system at TA-46 and collects water from floor drains and a pipe drain. Flow passes through the sump SBSP1 before exiting the building. The building structure currently provides secondary containment for

a substantial quantity of insulating oil on the first floor of the building. The sump is locked off to prevent discharge of oil to the sanitary sewer in the event of an accident. Plugging the floor drains and the pipe drain flowing into the sump and permanently disabling or removing the sump is recommended. It is also recommended that the operating group review and implement the Los Alamos SPCC Plan, Revision 3, as it pertains to the oil sump. No other changes are recommended. No EPA forms were prepared.

#### 11.3 Outfall 35-29-OPN-3

This outfall discharges water from a hot water PRV to daylight. It should be included in an NOI. No piping changes are recommended. No EPA forms were prepared.

#### 11.4 Outfall 35-29-OPN-4, 35-29-OPN-5, 35-29-OPN-7 and 35-29-OPN-8

These outfalls drain fire protection water to daylight. Including them in an NOI is recommended. No piping changes are recommended. No EPA forms were prepared.

#### 11.5 Outfall 35-29-OPN-6

This outfall drains water from two backflow preventers to daylight. Including the outfall in an NOI is recommended. No piping changes are recommended. No EPA forms were prepared.

#### 11.6 Outfall 35-29-OPN-9

This outfall receives water from two sink drains and connects to the sanitary sewage facility at TA-46. It is recommended that sink drain 1SD1 be labeled "SANITARY WASTE ONLY - NO CHEMICAL DISCHARGE". No EPA forms were prepared.

## 12.0 RECOMMENDATIONS FOR BUILDING 35-33

Table 8 is a list of the building outfalls and Figure 11 is a schematic of the piping. The table lists the sources contributing flow to the outfall pipes and includes recommendations for changes to the piping. The discussion below gives the reasoning for the recommendations.

### 12.1 Outfall 35-33-OPN-1

This outfall discharges blowdown from an unused cooling tower to daylight. Site personnel in 35-27 indicated that the cooling tower was never used and it is currently in a state of disrepair. No discharge permit exists for this cooling tower. Removing the cooling tower and the blowdown outfall is recommended. No other changes are recommended. No EPA forms were prepared.

### 12.2 Outfall 35-33-OPN-2

This outfall discharges drain water from the unused cooling tower to daylight. No discharge permit exists for this cooling tower. Removing the cooling tower and the drainage outfall is recommended. No other changes are recommended. No EPA forms were prepared.

## 13.0 RECOMMENDATIONS FOR BUILDING 35-34

Table 9 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 each outfall pipe and includes recommendations for changes to the drain piping. The discussion below gives the reasoning for the recommendations.

13.1 Outfall 35-34-OPN-1

This outfall to daylight drains stormwater from a roof downspout. No piping changes are recommended. No EPA forms were prepared.

13.2 Outfall 35-34-OPN-2

This outfall is an air compressor vent line. The outfall does not discharge liquid to the atmosphere. No piping changes are recommended. No EPA forms were prepared.

13.3 Outfall 35-34-OPN-3

This outfall drains water from a backflow preventer to daylight. The backflow preventer is in a controlled area, therefore containerizing the discharge or repiping the outfall to RLW is recommended. Alternatively, the controlled status of the building can be modified or radiological operations in the building could be terminated. No other changes are recommended. No EPA forms were prepared.

13.4 Outfall 35-34-OPN-4

This outfall is a disconnected pipe. Eliminating the pipe and plugging the penetration is recommended. No other changes are recommended. No EPA forms were prepared.

13.5 Outfall 35-34-OPN-5

This outfall to daylight drains water from a hot water PRV. Including the outfall in an NOI is recommended. No piping changes are recommended. No EPA forms were prepared.

### 13.6 Outfall 35-34-OPN-6

This outfall to daylight connects to two disconnected equipment drains. Eliminating the outfall and the pipe drains and plugging the penetrations is recommended. No other changes are recommended. No EPA forms were prepared.

### 13.7 Outfall 35-34-OPN-7

This outfall connects to the sanitary treatment facility at TA-46 and receives flow from floor drains (3), equipment drains (3), a water heater and a sink drain. The floor drains receive no direct flow and are in a controlled area. Plugging these drains is recommended. The pipe drains and the water heater are also in a controlled area and should be eliminated, repiped to the RLW system or containerized. It is also recommended that 1SD1 be labeled "SANITARY WASTE ONLY - NO CHEMICAL DISCHARGE". No EPA forms were prepared.

## 14.0 RECOMMENDATIONS FOR BUILDING 35-35

Table 10 is a description of the single building outfall and Figure 9 includes a schematic of the piping. The table indicates the drain that connects to the outfall pipe and includes recommendations for changes to the drain piping. Structure 35-35 is a control tunnel between 35-2 and 35-29 and has a single floor drain. The floor drain connects to the site sanitary sewer system via 35-29-OPN-2. The drain has no immediate sources and should be plugged. No other changes are recommended. No EPA forms were prepared.

**15.0 RECOMMENDATIONS FOR BUILDINGS 35-43, 35-53, 35-56, 35-66, 35-100, 35-103, 35-115, 35-205, 35-223, 35-224, 35-225, 35-226, 35-227, 35-228, 35-229, 35-232, 35-233, 35-234, 35-236, 35-239, 35-240, 35-248, 35-249, 35-250, 35-258, 35-261, 35-262, 35-263, 35-309, 35-310, 35-314, 35-316, 35-325, 35-326, 35-327, 35-330, 35-331, 35-332, 35-333, 35-337, 35-344, 35-345, 35-346, 35-348, 35-349, 35-352, 35-353, 35-354, 35-356, 35-358, 35-359, 35-360, 35-361, 35-365, 35-366, 35-368, 35-369, 35-370, 35-371, 35-372, 35-373, 35-374, 35-375, 35-376, 35-377, 35-382, 35-384, 35-386, 35-388, 35-389, 35-390, 35-392, 35-393, 35-394, 35-395, 35-406, 35-407, 35-408, 35-410, 35-411, 35-412, 35-422, 35-423, 35-424, 35-425, 35-451, 35-457, 35-465 AND 35-466**

These buildings have no drains or outlet pipes. Recommendations including some of these buildings but not associated with specific outfalls are listed in Table 47. Drums containing oil and water mixtures are located near buildings 35-330, 35-331 and 35-332. These drums should be removed or adequately containerized to prevent pollution of storm runoff and groundwater. The leaking oil tank near 35-358 should be repaired, removed or containerized. The unlabeled drum near 35-359 should be identified and removed or containerized if necessary. Chemical storage cabinets and pump equipment near 35-372 and 35-373 should be containerized. The drums located on the south side of 35-406 should be containerized. No other changes are recommended. No EPA forms were prepared.

**16.0 RECOMMENDATIONS FOR BUILDING 35-46**

Table 11 is a list of the drains to the building outfalls and Figure 41 is a schematic of the piping. The table lists the drains that connect to each outfall pipe and includes recommendations for changes to the drain piping. The discussion below gives the reasoning for the recommendations.

**16.1 Outfall 35-46-OPN-1**

This outfall connects to the sanitary treatment facility at TA-46 and receives flow from floor drains (3) in an equipment

room. One of the floor drains is covered by a boiler. This drain should be verified and plugged as it receives no direct flow. Air equipment and oily pump equipment in the room should be containerized. No other changes are recommended. No EPA forms were prepared.

16.2 Outfalls 35-46-OPN-2, 35-46-OPN-3, 35-46-OPN-4, 35-46-OPN-5, 35-46-OPN-6 and 35-46-OPN-9

These outfalls discharge to daylight and receive flow from fire protection systems. They should be included in an NOI. No piping changes are recommended. No EPA forms were prepared.

16.3 Outfalls 35-46-OPN-7 and 35-46-OPN-11

These outfalls receive flow from backflow preventers and discharge to daylight. They should be included in an NOI. No piping changes are recommended. No EPA forms were prepared.

16.4 Outfall 35-46-OPN-8

This outfall receives flow from a hot water PRV and discharges to daylight. It should be included in an NOI. No piping changes are recommended. No EPA forms were prepared.

16.5 Outfall 35-46-OPN-10

This outfall is from sanitary facilities and flows to the TA-46 sanitary sewer system. Facilities that flow to this outfall include floor drains (5), a lavatory, a sink drain, a toilet and a urinal. Floor drains 1FD1, 1FD2, 1FD3 and 1FD4 are covered. The existence of these drains should be verified and they should be plugged as they receive no direct flow. It is also recommended that sink drain 1SD1 be labeled "SANITARY WASTE ONLY - NO CHEMICAL DISCHARGE". No permitting is recommended and no EPA forms were prepared.

## 17.0 RECOMMENDATIONS FOR BUILDING 35-67

Table 12 is a list of the drains to the building outfalls and Figure 13 is a schematic of the piping. The table lists the drains that connect to each outfall pipe and includes recommendations for changes to the drain piping. The discussion below gives the reasoning for the recommendations.

### 17.1 Outfalls 35-67-OPN-1, 35-67-OPN-5, 35-67-OPN-6, 35-67-OPN-10, 35-67-OPN-11, 35-67-OPN-13 and 35-67-OPN-17

These outfalls receive flow from fire protection systems and discharge to daylight. They should be included in an NOI. No piping changes are recommended. No EPA forms were prepared.

### 17.2 Outfall 35-67-OPN-2

This outfall receives flow from a backflow preventer and discharges to daylight. It should be included in an NOI. No piping changes are recommended. No EPA forms were prepared.

### 17.3 Outfall 35-67-OPN-3

This outfall discharges to the sanitary sewer system and connects to a sink drain and a plugged floor drain. It is recommended that sink drain 1SD1 be labeled "SANITARY WASTE ONLY - NO CHEMICAL DISCHARGE". No EPA forms were prepared.

### 17.4 Outfalls 35-67-OPN-4 and 35-67-OPN-9

These outfalls discharge to daylight and receive flow from hot water PRVs. Including them in an NOI is recommended. No piping changes are recommended. No EPA forms were prepared.

#### 17.5 Outfalls 35-67-OPN-7 and 35-67-OPN-8

These outfalls discharge to daylight and receive flow from compressed air equipment. Containerizing the equipment and eliminating the outfalls is recommended. No other changes are recommended. No EPA forms were prepared.

#### 17.6 Outfalls 35-67-OPN-12 and 35-67-OPN-18

These outfalls are disconnected pipes. Eliminating the outlet pipes and plugging the penetrations is recommended. No other changes are recommended. No EPA forms were prepared.

#### 17.7 Outfalls 35-67-OPN-14 and 35-67-OPN-15

These outfalls discharge storm water from roof downspouts to daylight. No piping changes are recommended. No EPA forms were prepared.

#### 17.8 Outfalls 35-67-OPN-16 and 35-67-OPN-20

These outfalls are ventilation ducts. They do not discharge liquid to the atmosphere. No piping changes are recommended. No EPA forms were prepared.

#### 17.9 Outfall 35-67-OPN-19

This outfall discharges to daylight from a backflow preventer and an air line drain. The air line drain should be containerized. Including the outfall in an NOI is recommended. No other changes are recommended. No EPA forms were prepared.

### **18.0 RECOMMENDATIONS FOR BUILDING 35-68**

Table 13 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 each outfall pipe and includes recommendations for changes to the drain piping. The discussion below gives the reasoning for the recommendations.

18.1 Outfalls 35-68-OPN-1, 35-68-OPN-3, 35-68-OPN-4 and 35-68-OPN-5

These outfalls discharge storm water from roof drains. No piping changes are recommended. No EPA forms were prepared.

18.2 Outfall 35-68-OPN-2

This outfall is a disconnected pipe. Removing the pipe and plugging the penetration is recommended. No other changes are recommended. No EPA forms were prepared.

18.3 Outfall 35-68-OPN-6

This outfall connects to the sanitary sewage facility at TA-46 and receives flow from rest room facilities, an equipment room floor drain, a water heater and a water fountain. It is recommended that sink drains 1SD1 and 1SD2 be labeled "SANITARY WASTE ONLY - NO CHEMICAL DISCHARGE". No EPA forms were prepared.

**19.0 RECOMMENDATIONS FOR BUILDING 35-85**

Table 14 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 each outfall pipe and includes recommendations for changes to the drain piping. The discussion below gives the reasoning for the recommendations. Recommendations not included in the discussion below are listed in Table 47 and include containerizing oil and chemical containers located near storm drains on the east side of the building north of Room 115.

19.1 Outfalls 35-85-OPN-1, 35-85-OPN-3, 35-85-OPN-4, 35-85-OPN-5, 35-85-OPN-6, 35-85-OPN-7, 35-85-OPN-8, 35-85-OPN-12, 35-85-OPN-13, 35-85-OPN-14, 35-85-OPN-15 and 35-85-OPN-23

These outfalls discharge storm water from roof drains and roof downspouts to daylight. No piping changes are recommended. No EPA forms were prepared.

19.2 Outfalls 35-85-OPN-2, 35-85-OPN-9, 35-85-OPN-10 and 35-85-OPN-11

These outfalls receive flow from fire protection systems and discharge to daylight. They should be included in an NOI. No piping changes are recommended. No EPA forms were prepared.

19.3 Outfalls 35-85-OPN-16, 35-85-OPN-18 and 35-85-OPN-19

These outfalls discharge condensate from an air cooler to daylight. They should be included in an NOI. No piping changes are recommended. No EPA forms were prepared.

19.4 Outfall 35-85-OPN-17

This outfall discharges water from a potable water filter drain to daylight. It should be included in an NOI. No piping changes are recommended. No EPA forms were prepared.

19.5 Outfall 35-85-OPN-20

This outfall discharges water from a hot water PRV to daylight. It should be included in an NOI. No piping changes are recommended. No EPA forms were prepared.

19.6 Outfalls 35-85-OPN-21 and 35-85-OPN-29

These outfalls connect to the sanitary treatment facility at TA-46 and receive flow from floor drains, rest room facilities and a drinking fountain. Containerizing discharge from oily equipment and compressed air equipment is recommended. Floor

drains with no immediate sources should be plugged. The Hazardous waste satellite storage area in Room 106 and other oily areas should be containerized to prevent discharge of oil into the sanitary sewage treatment system. It is recommended that sink drains 1SD1 and 1SD2 and floor sink 1FS2 be labeled "SANITARY WASTE ONLY - NO CHEMICAL DISCHARGE". No EPA forms were prepared.

19.7 Outfall 35-85-OPN-22

This outfall vents the sanitary sewer system. The pipe does not discharge liquid to the atmosphere. No piping changes are recommended. No EPA forms were prepared.

19.8 Outfall 35-85-OPN-24

This outfall is a gas cylinder station connection. The outfall does not discharge liquid to the atmosphere. No piping changes are recommended. No EPA forms were prepared.

19.9 Outfall 35-85-OPN-25

This outfall is a connection to an insulating oil holding tank. Containerizing the line between the tank or storing the line in a suitable containment structure when it is not in use is recommended. It is recommended that the operating group review and implement the Los Alamos SPCC Plan, Revision 3, as it pertains to this oil line. No EPA forms were prepared.

19.10 Outfalls 35-85-OPN-26, 35-85-OPN-27 and 35-85-OPN-28

These outfalls discharge drain water from deionized water holding tanks to daylight. Including them in an NOI is recommended. No piping changes are recommended. No EPA forms were prepared.

## 20.0 RECOMMENDATIONS FOR BUILDING 35-86

Table 15 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 each outfall pipe and includes recommendations for changes to the drain piping. The discussion below gives the reasoning for the recommendations.

### 20.1 Outfalls 35-86-OPN-1, 35-86-OPN-2, 35-86-OPN-3, 35-86-OPN-4, 35-86-OPN-5 and 35-86-OPN-6

These outfalls discharge storm water from roof drains and roof downspouts to daylight. No piping changes are recommended. No EPA forms were prepared.

### 20.2 Outfalls 35-86-OPN-7, 35-86-OPN-9, 35-86-OPN-17 and 35-86-OPN-18

These outfalls receive flow from fire protection systems and discharge to daylight. They should be included in an NOI. No piping changes are recommended. No EPA forms were prepared.

### 20.3 Outfall 35-86-OPN-8

This outfall receives flow from a backflow preventer and discharges to daylight. It should be included in an NOI. No piping changes are recommended. No EPA forms were prepared.

### 20.4 Outfall 35-86-OPN-10

This outfall connects to the sanitary sewage facility at TA-46 and receives flow from rest room facilities, equipment room floor drains, a backflow preventer, three sink drains, two pipe drains, an eye wash unit, a water heater and two water fountains. Containerizing the air equipment located near 1FD1 is recommended. Plugging the floor drains in the basement and the pipe drains in room 100 is recommended, since no flows other

than oily machine drainage discharge through them. It is also recommended that sink drains 1SD1, 1SD2 and BSD1 be labeled "SANITARY WASTE ONLY - NO CHEMICAL DISCHARGE". No EPA forms were prepared.

20.5 Outfalls 35-86-OPN-11, 35-86-OPN-12, 35-86-OPN-13, 35-86-OPN-14, 35-86-OPN-15 and 35-86-OPN-16

These outfalls discharge drain water/glycol coolant from a closed-loop liquid chiller. The pad on which the unit rests should be containerized to prevent coolant from polluting groundwater. It is recommended that locking mechanisms be added to these drain valves and that the operating group review and implement the Los Alamos SPCC Plan, Revision 3, as it pertains to this glycol based cooling unit. No EPA forms were prepared.

**21.0 RECOMMENDATIONS FOR BUILDING 35-88**

Table 16 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 each outfall pipe and includes recommendations for changes to the drain piping. The discussion below gives the reasoning for the recommendations.

21.1 Outfall 35-88-OPN-1

This outfall connects to the sanitary sewage facility at TA-46 and receives flow from two floor drains. The two drains are currently clogged and should be unplugged to accommodate the periodic large flows indicated by the equipment draining into them. The waste barrel in the building should be removed as it serves no evident purpose. The diesel engine, fuel tank, battery and air equipment should be containerized. No other changes are recommended. No EPA forms were prepared.

### 21.2 Outfalls 35-88-OPN-2, 35-88-OPN-3 and 35-88-OPN-5

These outfalls receive flow from fire protection systems and discharge to daylight. They should be included in an NOI. No piping changes are recommended. No EPA forms were prepared.

### 21.3 Outfall 35-88-OPN-4

This outfall discharges storm water from a roof downspout to daylight. No piping changes are recommended. No EPA forms were prepared.

## 22.0 RECOMMENDATIONS FOR BUILDING 35-110

Table 17 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 each outfall pipe and includes recommendations for changes to the drain piping. The discussion below gives the reasoning for the recommendations.

### 22.1 Outfalls 35-110-OPN-1, 35-110-OPN-6, 35-110-OPN-7 and 35-110-OPN-8

These outfalls discharge storm water from roof downspouts to daylight. No piping changes are recommended. No EPA forms were prepared.

### 22.2 Outfalls 35-110-OPN-2 and 35-110-OPN-5

These outfalls discharge condensed water from ventilation equipment to daylight. Including them in an NOI is recommended. No piping changes are recommended. No EPA forms were prepared.

### 22.3 Outfall 35-110-OPN-3

This outfall connects to the sanitary sewage facility at TA-46 and receives flow from rest room facilities and a water

fountain. No piping changes are recommended. No EPA forms were prepared.

#### 22.4 Outfall 35-110-OPN-4

This outfall receives flow from a hot water PRV and discharges to daylight. It should be included in an NOI. No piping changes are recommended. No EPA forms were prepared.

### 23.0 RECOMMENDATIONS FOR BUILDING 35-114

Table 18 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 each outfall pipe and includes recommendations for changes to the drain piping. The discussion below gives the reasoning for the recommendations.

#### 23.1 Outfalls 35-114-OPN-1, 35-114-OPN-6, 35-114-OPN-7 and 35-114-OPN-8

These outfalls discharge storm water from roof downspouts to daylight. No piping changes are recommended. No EPA forms were prepared.

#### 23.2 Outfalls 35-114-OPN-2 and 35-114-OPN-5

These outfalls discharge condensed water from ventilation equipment to daylight. Including them in an NOI is recommended. No piping changes are recommended. No EPA forms were prepared.

#### 23.3 Outfall 35-114-OPN-3

This outfall connects to the sanitary sewage facility at TA-46 and receives flow from rest room facilities and a water fountain. No piping changes are recommended. No EPA forms were prepared.

#### 23.4 Outfall 35-114-OPN-4

This outfall receives flow from a hot water PRV and discharges to daylight. It should be included in an NOI. No piping changes are recommended. No EPA forms were prepared.

#### 24.0 RECOMMENDATIONS FOR BUILDING 35-129

Table 19 is a list of the building outfalls and Figure 24 is a schematic of the piping. The table lists the flows that contribute to each outfall pipe and includes recommendations for changes to the drain piping. The discussion below gives the reasoning for the recommendations.

##### 24.1 Outfall 35-129-OPN-1

This outfall discharges drain water from a fire tank to daylight. The outfall should be included in an NOI. No piping changes are recommended. No EPA forms were prepared.

##### 24.2 Outfall 35-129-OPN-2

This outfall discharges overflow water from a fire tank to daylight. The outfall should be included in an NOI. No piping changes are recommended. No EPA forms were prepared.

#### 25.0 RECOMMENDATIONS FOR BUILDING 35-157

Table 20 is a list of the building outfalls and Figure 15 includes a schematic of the piping. The table lists the flows that contribute to each outfall pipe and includes recommendations for changes to the drain piping. The discussion below gives the reasoning for the recommendations. The structure has nine outlet pipes, labeled as 35-157-OPN-1 through 35-157-OPN-9. Each outfall discharges glycol-based cooling unit drainage from a closed-loop chiller to daylight. Containerizing

the unit and the discharges is recommended. It is recommended that these drain valves be equipped with locking mechanisms and that the operating group review and implement the Los Alamos SPCC Plan, Revision 3, as it pertains to glycol-based cooling units. No EPA forms were prepared.

## 26.0 RECOMMENDATIONS FOR BUILDING 35-159

Table 21 is a list of the building outfalls and Figure 15 includes a schematic of the piping. The table lists the flows that contribute to each outfall pipe and includes recommendations for changes to the drain piping. The discussion below gives the reasoning for the recommendations.

### 26.1 Outfall 35-159-OPN-1

This outfall discharges drainage from a secondary containment structure for insulating oil to daylight. The outfall is equipped with a valve to prevent oil discharge in the event of a spill in the containment structure. Appropriate procedures for secondary containment include lockout of the valve to prevent unauthorized discharge from the structure. At the time of the site visit, the valve was open, nullifying the usefulness of the containment structure. Adherence to lockout procedures by site personnel and routine monitoring of the oil tank and containment structure is recommended. Current laboratory procedures require that liquid accumulated in containment structures be collected in drums and treated as hazardous waste or thoroughly analyzed before alternative disposal procedures are implemented. It is also recommended that the operating group review and implement Los Alamos SPCC Plan, Revision 3, as it pertains to oil tanks and containment structures. No EPA forms were prepared.

## 26.2 Outfall 35-159-OPN-2

This outfall is an overflow discharge from a secondary containment structure. The overflow should be plugged, and any liquid accumulated in the containment should be treated according to the recommendations above in Section 24.1. No other changes are recommended. No EPA forms were prepared.

## 27.0 RECOMMENDATIONS FOR BUILDING 35-170

Table 22 is a description of the single building outfall and Figure 20 is a schematic of the piping. The table lists the sources to the outfall pipe and includes recommendations for changes to the drain piping. The outfall discharges gaseous carbon dioxide tank drainage to daylight. No liquid is released to the atmosphere by this drain. No piping changes are recommended. No EPA forms were prepared.

## 28.0 RECOMMENDATIONS FOR BUILDING 35-186

Table 23 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 each outfall pipe and includes recommendations for changes to the drain piping. The discussion below gives the reasoning for the recommendations.

### 28.1 Outfalls 35-186-OPN-1 and 35-186-OPN-4

These outfalls discharge condensed water from ventilation equipment to daylight. Including them in an NOI is recommended. No piping changes are recommended. No EPA forms were prepared.

### 28.2 Outfall 35-186-OPN-2

This outfall connects to the sanitary sewage facility at TA-46 and receives flow from rest room facilities and a water

fountain. No piping changes are recommended. No EPA forms were prepared.

### 28.3 Outfall 35-186-OPN-3

This outfall receives flow from a hot water PRV and discharges to daylight. It should be included in an NOI. No piping changes are recommended. No EPA forms were prepared.

## 29.0 RECOMMENDATIONS FOR BUILDING 35-188

Table 24 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 each outfall pipe and includes recommendations for changes to the drain piping. The discussion below gives the reasoning for the recommendations.

### 29.1 Outfalls 35-188-OPN-1 and 35-188-OPN-2

These outfalls discharge storm water from roof drains to daylight. No piping changes are recommended. No EPA forms were prepared.

### 29.2 Outfalls 35-188-OPN-3 and 35-188-OPN-8

These outfalls receive flow from fire protection systems and discharge to daylight. They should be included in an NOI. No piping changes are recommended. No EPA forms were prepared.

### 29.3 Outfalls 35-188-OPN-4 and 35-188-OPN-5

These outfalls discharge to daylight and receive flow from compressed air equipment. Containerizing the equipment and eliminating the outfalls is recommended. No other changes are recommended. No EPA forms were prepared.

#### 29.4 Outfall 35-188-OPN-6

This outfall receives flow from a hot water PRV and discharges to daylight. It should be included in an NOI. No piping changes are recommended. No EPA forms were prepared.

#### 29.5 Outfall 35-188-OPN-7

This outfall connects to the sanitary sewage facility at TA-46 and receives flow from rest room facilities, machine shop floor drains and a water fountain. Site personnel complained of frequent backing-up of 1FD1 in the rest room facility. This drain should be cleaned out. Air equipment near 1FD2 should be containerized. It is recommended that sink drain 1SD2 be labeled "SANITARY WASTE ONLY - NO CHEMICAL DISPOSAL". No EPA forms were prepared.

### **30.0 RECOMMENDATIONS FOR BUILDING 35-189**

Table 25 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 each outfall pipe and includes recommendations for changes to the drain piping. The discussion below gives the reasoning for the recommendations.

#### 30.1 Outfall 35-189-OPN-1

This outfall connects to the sanitary sewage facility at TA-46 and receives flow from rest room facilities, laboratory floor drains (5), an eye wash, an equipment room floor drain, a floor sink, equipment drains, a water heater PRV and a water fountain. 1FD2 in room 107 and 1FD8 in room 106 are covered with equipment and should be verified and plugged. Plugging the floor drains in the laser laboratory which receive no immediate flow is recommended. The oily pump near 1FS1 in room 108 should be containerized. It is recommended that sink drain 1SD2 be labeled "SANITARY WASTE ONLY - NO CHEMICAL DISCHARGE". No EPA forms were prepared.

30.2 Outfalls 35-189-OPN-2, 35-189-OPN-3, 35-189-OPN-4, 35-189-OPN-5, 35-189-OPN-8 and 35-189-OPN-11

These outfalls discharge storm water from roof drains and roof downspouts to daylight. No piping changes are recommended. No EPA forms were prepared.

30.3 Outfalls 35-189-OPN-6, 35-189-OPN-9 and 35-189-OPN-10

These outfalls receive flow from fire protection systems and discharge to daylight. They should be included in an NOI. No piping changes are recommended. No EPA forms were prepared.

30.4 Outfall 35-189-OPN-7

This outfall discharges condensed water from ventilation equipment to daylight. Including the outfall in an NOI is recommended. No piping changes are recommended. No EPA forms were prepared.

**31.0 RECOMMENDATIONS FOR BUILDING 35-207**

Table 26 is a list of the drains to the building outfalls and Figure 25 is a schematic of the piping. The table lists the drains that connect to each outfall pipe and includes recommendations for changes to the drain piping. The discussion below gives the reasoning for the recommendations.

31.1 Outfall 35-207-OPN-1

This outfall connects to the sanitary sewage facility at TA-46 and receives flow from rest room facilities, laboratory sink drains (3), a janitor's sink, an eye wash unit, an equipment room, hallway floor drains (2) and a water fountain. The air equipment near 1FD1 in the equipment room should be containerized. It is recommended that sink drains 1SD1, 1SD2,

1SD4 and 1SD5 be labeled "SANITARY WASTE ONLY - NO CHEMICAL DISCHARGE". No EPA forms were prepared.

31.2 Outfalls 35-207-OPN-2, 35-207-OPN-4, 35-207-OPN-5, 35-207-OPN-6, 35-207-OPN-7 and 35-207-OPN-8

These outfalls receive flow from fire protection systems and discharge to daylight. They should be included in an NOI. No piping changes are recommended. No EPA forms were prepared.

31.3 Outfall 35-207-OPN-3

This outfall discharges storm water from a roof downspout to daylight. No piping changes are recommended. No EPA forms were prepared.

**32.0 RECOMMENDATIONS FOR BUILDING 35-218**

Table 27 is a list of the drains to the building outfalls and Figure 26 is a schematic of the piping. The table lists the drains that connect to each outfall pipe and includes recommendations for changes to the drain piping. The discussion below gives the reasoning for the recommendations.

32.1 Outfall 35-218-OPN-1

This outfall discharges water from a hot water PRV to daylight. Including the outfall in an NOI is recommended. No piping changes are recommended. No EPA forms were prepared.

32.2 Outfall 35-218-OPN-2

This outfall connects to the sanitary sewage facility at TA-46 and receives flow from rest room facilities and a water fountain. No piping changes are recommended. No EPA forms were prepared.

### **33.0 RECOMMENDATIONS FOR BUILDING 35-238**

Table 28 is a description of the single building outfall and Figure 27 is a schematic of the piping. The table indicates the flow contributing to each outfall pipe and includes recommendations for changes to the drain piping. The outfall, 35-238-OPN-1, discharges condensed water from an air cooler. Including this outfall in an NOI is recommended. No other changes are recommended. No EPA forms were prepared.

### **34.0 RECOMMENDATIONS FOR BUILDING 35-241**

Table 29 is a description of the single building outfall and Figure 28 is a schematic of the piping. The table indicates the flow contributing to each outfall pipe and includes recommendations for changes to the drain piping. Outfall 35-241-OPN-1 is from a water heater PRV and outfall 35-241-OPN-2 is from an unused restroom facility. Both of these outfalls discharge to daylight. It is recommended that the toilet, sink drain and water heater be removed to prevent inappropriate discharges to the environment. No other changes are recommended. No EPA forms were prepared.

### **35.0 RECOMMENDATIONS FOR BUILDING 35-242**

Table 30 is a description of the single building outfall and Figure 29 is a schematic of the piping. The table indicates the flow contributing to each outfall pipe and includes recommendations for changes to the drain piping. The outfall, 35-242-OPN-1, discharges condensed water from an air cooler. Including this outfall in an NOI is recommended. No other changes are recommended. No EPA forms were prepared.

## 36.0 RECOMMENDATIONS FOR BUILDING 35-251

Table 31 is a description of the single building outfall and Figure 30 is a schematic of the piping. The table indicates the flow contributing to each outfall pipe and includes recommendations for changes to the drain piping. The outfall, 35-251-OPN-1, discharges condensed water from an air cooler. Including this outfall in an NOI is recommended. No other changes are recommended. No EPA forms were prepared.

## 37.0 RECOMMENDATIONS FOR BUILDING 35-253

Table 32 is a list of the drains to the building outfalls and Figure 31 is a schematic of the piping. The table lists the drains that connect to each outfall pipe and includes recommendations for changes to the drain piping. The discussion below gives the reasoning for the recommendations.

### 37.1 Outfall 35-253-OPN-1

This outfall connects to the sanitary sewage facility at TA-46 and receives flow from rest room facilities, an equipment room floor drain and a water fountain. No piping changes are recommended. No EPA forms were prepared.

### 37.2 Outfall 35-253-OPN-2

This outfall discharges storm water from a roof downspout to daylight. No piping changes are recommended. No EPA forms were prepared.

### 37.3 Outfalls 35-253-OPN-3 and 35-253-OPN-4

These outfalls receive flow from hot water PRVs and discharge to daylight. They should be included in an NOI. No piping changes are recommended. No EPA forms were prepared.

#### 37.4 Outfall 35-253-OPN-5

This outfall discharges condensed water from ventilation equipment to daylight. Including the outfall in an NOI is recommended. No piping changes are recommended. No EPA forms were prepared.

#### 38.0 RECOMMENDATIONS FOR BUILDING 35-254

Table 33 is a description of the single building outfall and Figure 32 is a schematic of the piping. The table indicates the flow contributing to each outfall pipe and includes recommendations for changes to the drain piping. The outfall, 35-254-OPN-1, discharges water from fire protection systems. Including this outfall in an NOI is recommended. No other changes are recommended. No EPA forms were prepared.

#### 39.0 RECOMMENDATIONS FOR BUILDING 35-255

Table 34 is a list of the drains to the building outfalls and Figure 33 is a schematic of the piping. The table lists the drains that connect to each outfall pipe and includes recommendations for changes to the drain piping. The discussion below gives the reasoning for the recommendations.

##### 39.1 Outfall 35-255-OPN-1

This outfall receives flow from a backflow preventer and discharges to daylight. It should be included in an NOI. No piping changes are recommended. No EPA forms were prepared.

##### 39.2 Outfall 35-255-OPN-2

This outfall discharges condensed water from ventilation equipment to daylight. Including the outfall in an NOI is recommended. No piping changes are recommended. No EPA forms were prepared.

### 39.3 Outfall 35-255-OPN-3

This outfall receives flow from a hot water PRV and discharges to daylight. The outfall should be included in an NOI. No piping changes are recommended. No EPA forms were prepared.

### 39.4 Outfall 35-255-OPN-4

This outfall connects to the sanitary sewage facility at TA-46 and receives flow from a conference area sink and a drinking fountain. No piping changes are recommended. No EPA forms were prepared.

### 39.5 Outfall 35-255-OPN-5

This outfall receives flow from fire protection systems and discharges to daylight. The outfall should be included in an NOI. No piping changes are recommended. No EPA forms were prepared.

### 39.6 Outfall 35-255-OPN-6

This outfall discharges storm water from a roof downspout to daylight. No piping changes are recommended. No EPA forms were prepared.

## 40.0 RECOMMENDATIONS FOR BUILDING 35-257

Table 35 is a list of the drains to the building outfalls and Figure 34 is a schematic of the piping. The table lists the drains that connect to each outfall pipe and includes recommendations for changes to the drain piping. The discussion below gives the reasoning for the recommendations.

#### 40.1 Outfall 35-257-OPN-1

This outfall connects to the sanitary sewage facility at TA-46 and receives flow from rest room facilities. No piping changes are recommended. No EPA forms were prepared.

#### 40.2 Outfall 35-257-OPN-2

This outfall discharges storm water from a roof downspout to daylight. No piping changes are recommended. No EPA forms were prepared.

### **41.0 RECOMMENDATIONS FOR BUILDING 35-264**

Table 36 is a list of the drains to the building outfalls and Figure 35 is a schematic of the piping. The table lists the drains that connect to each outfall pipe and includes recommendations for changes to the drain piping. The discussion below gives the reasoning for the recommendations.

#### 41.1 Outfall 35-264-OPN-1

This outfall receives flow from a hot water PRV and discharges to daylight. The outfall should be included in an NOI. No piping changes are recommended. No EPA forms were prepared.

#### 41.2 Outfall 35-264-OPN-2

This outfall connects to the sanitary sewage facility at TA-46 and receives flow from rest room facilities and a drinking fountain. No piping changes are recommended. No EPA forms were prepared.

### **42.0 RECOMMENDATIONS FOR BUILDING 35-268**

Table 37 is a list of the drains to the building outfalls and Figure 36 includes a schematic of the piping. The table lists

the drains that connect to each outfall pipe and includes recommendations for changes to the drain piping. The discussion below gives the reasoning for the recommendations.

#### 42.1 Outfall 35-268-OPN-1

This outfall connects to the sanitary sewage facility at TA-46 and receives flow from a countertop sink and a drinking fountain. No piping changes are recommended. No EPA forms were prepared.

#### 42.2 Outfalls 35-268-OPN-2 and 35-268-OPN-3

These outfalls discharge storm water from roof downspouts to daylight. No piping changes are recommended. No EPA forms were prepared.

### **43.0 RECOMMENDATIONS FOR BUILDING 35-269**

Table 38 is a list of the drains to the building outfalls and Figure 36 includes a schematic of the piping. The table lists the drains that connect to each outfall pipe and includes recommendations for changes to the drain piping. The discussion below gives the reasoning for the recommendations.

#### 43.1 Outfall 35-269-OPN-1

This outfall connects to the sanitary sewage facility at TA-46 and receives flow from rest room facilities, a janitor's sink and a countertop sink. It is recommended that floor sink 1FS1 be labeled "SANITARY WASTE ONLY - NO CHEMICAL DISCHARGE". No EPA forms were prepared.

#### 43.2 Outfall 35-269-OPN-2

This outfall receives flow from a hot water PRV and discharges to daylight. It should be included in an NOI. No piping changes are recommended. No EPA forms were prepared.

#### 43.3 Outfalls 35-269-OPN-3, 35-269-OPN-4, 35-269-OPN-5 and 35-269-OPN-6

These outfalls discharge storm water from roof downspouts to daylight. No piping changes are recommended. No EPA forms were prepared.

#### **44.0 RECOMMENDATIONS FOR BUILDING 35-270**

Table 39 is a list of the drains to the building outfalls and Figure 36 includes a schematic of the piping. The table lists the sources contributing flow to each outfall pipe and includes recommendations for changes to the drain piping. The two outfall pipes from 35-270 are labeled as 35-270-OPN-1 and 35-270-OPN-2. Both of these outfalls discharge storm water from roof downspouts to daylight. No piping changes are recommended. No EPA forms were prepared.

#### **45.0 RECOMMENDATIONS FOR BUILDING 35-278**

Table 40 is a list of the drains to the building outfalls and Figure 37 includes a schematic of the piping. The table lists the sources contributing flow to each outfall pipe and includes recommendations for changes to the drain piping. The three outfall pipes from 35-278 are labeled as 35-278-OPN-1, 35-278-OPN-2 and 35-278-OPN-3. All three of these outfalls are disconnected oil siege tank fittings which run to daylight. Removing the structure from the site to prevent storm water pollution and future misuse is recommended. No other changes are recommended. No EPA forms were prepared.

#### **46.0 RECOMMENDATIONS FOR BUILDING 35-279**

Table 41 is a list of the drains to the building outfalls and Figure 37 includes a schematic of the piping. The table lists the sources contributing flow to each outfall pipe and includes recommendations for changes to the drain piping. The three outfall pipes from 35-279 are labeled as 35-279-OPN-1, 35-279-OPN-2 and 35-279-OPN-3. All three of these outfalls are disconnected oil siege tank fittings which run to daylight. Removing the structure from the site to prevent storm water pollution and future misuse is recommended. No other changes are recommended. No EPA forms were prepared.

#### **47.0 RECOMMENDATIONS FOR BUILDING 35-336**

Table 42 is a list of the drains to the building outfalls and Figure 38 includes a schematic of the piping. The table lists the drains that connect to each outfall pipe and includes recommendations for changes to the drain piping. The discussion below gives the reasoning for the recommendations.

##### **47.1 Outfall 35-336-OPN-1**

This outfall receives flow from a hot water PRV and discharges to daylight. It should be included in an NOI. No piping changes are recommended. No EPA forms were prepared.

##### **47.2 Outfall 35-336-OPN-2**

This outfall connects to the sanitary sewage facility at TA-46 and receives flow from rest room facilities. No piping changes are recommended. No EPA forms were prepared.

#### **48.0 RECOMMENDATIONS FOR BUILDING 35-347**

Table 43 is a description of the flow to the single building outfall and Figure 1 indicates the location of the structure in

the technical area. The table lists the sources contributing flow to the outfall pipe and includes recommendations for changes to the drain piping. The outfall is located in a water line pit on the east side of the building and discharges pressure relief water to the ground. Including this outfall in an NOI is recommended. No other changes are recommended. No EPA forms were prepared.

#### **49.0 RECOMMENDATIONS FOR BUILDING 35-356**

Table 44 is a list of the drains to the building outfalls and Figure 42 is a schematic of the piping. The table lists the drains that connect to each outfall pipe and includes recommendations for changes to the drain piping. The discussion below gives the reasoning for the recommendations.

##### **49.1 Outfall 35-356-OPN-1**

This outfall discharges condensed water from ventilation equipment to daylight. Including the outfall in an NOI is recommended. No piping changes are recommended. No EPA forms were prepared.

##### **49.2 Outfalls 35-356-OPN-2, 35-356-OPN-3 and 35-356-OPN-4**

These outfalls receive flow from fire protection systems and discharge to daylight. They should be included in an NOI. No piping changes are recommended. No EPA forms were prepared.

#### **50.0 RECOMMENDATIONS FOR BUILDING 35-385**

Table 45 is a description of the single building outfall and Figure 39 is a schematic of the piping. The table lists the sources contributing flow to the outfall pipe and includes recommendations for changes to the drain piping. The single outfall, 35-385-OPN-1, is a Morgan shed drain. The drain is

currently capped. The building acts as a containment structure for its contents and should be maintained according to secondary containment policy. It is recommended that the drain valve be fitted with a locking mechanism and that the operating group review and implement the Los Alamos SPCC Plan, Revision 3, as it pertains to this containment structure. No EPA forms were prepared.

#### **51.0 RECOMMENDATIONS FOR BUILDING 35-454**

Table 46 is a list of the drains to the building outfalls and Figure 40 is a schematic of the piping. The table lists the drains that connect to each outfall pipe and includes recommendations for changes to the drain piping. The discussion below gives the reasoning for the recommendations.

##### **51.1 Outfall 35-454-OPN-1**

This outfall connects to the sanitary sewage facility at TA-46 and receives flow from rest room facilities and countertop sinks. No piping changes are recommended. No EPA forms were prepared.

##### **51.2 Outfalls 35-454-OPN-2, 35-454-OPN-3, 35-454-OPN-4 and 35-454-OPN-5**

These outfalls discharge storm water from roof downspouts to daylight. No piping changes are recommended. No EPA forms were prepared.

##### **51.3 Outfalls 35-454-OPN-6 and 35-454-OPN-7**

These outfalls receive flow from hot water PRVs and discharge to daylight. They should be included in an NOI. No piping changes are recommended. No EPA forms were prepared.

## 52.0 CONCLUSION

This document provides the information to characterize buildings 1, 2, 3, 7, 14, 15, 25, 27, 29, 33, 34, 35, 43, 46, 53, 56, 66, 67, 68, 85, 86, 88, 100, 103, 110, 114, 115, 129, 157, 159, 170, 186, 188, 189, 205, 207, 218, 223, 224, 225, 226, 227, 228, 229, 232, 233, 234, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 248, 249, 250, 251, 253, 254, 255, 256, 257, 258, 261, 262, 263, 264, 268, 269, 270, 278, 279, 309, 310, 314, 316, 326, 327, 330, 331, 332, 333, 336, 337, 344, 345, 346, 347, 348, 349, 350, 352, 353, 354, 356, 358, 359, 360, 361, 362, 363, 364, 365, 366, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 382, 384, 385, 386, 388, 389, 390, 392, 393, 394, 395, 406, 407, 408, 409, 410, 412, 422, 423, 424, 425, 451, 454, 457, 465 and 466 in TA-35. NPDES permit application forms were included for the following outfalls:

EPA Form 2Ds:

1. 35-2-OPN-7
2. 35-2-OPN-79

The reported outlet pipes in the TA are as follows:

Areas that do not have any drains:

- |            |            |            |            |
|------------|------------|------------|------------|
| 1. 35-43   | 2. 35-53   | 3. 35-56   | 4. 35-66   |
| 5. 35-100  | 6. 35-103  | 7. 35-115  | 8. 35-205  |
| 9. 35-223  | 10. 35-224 | 11. 35-225 | 12. 35-226 |
| 13. 35-227 | 14. 35-228 | 15. 35-229 | 16. 35-232 |
| 17. 35-233 | 18. 35-234 | 19. 35-236 | 20. 35-239 |
| 21. 35-240 | 22. 35-248 | 23. 35-249 | 24. 35-250 |
| 25. 35-258 | 26. 35-261 | 27. 35-262 | 28. 35-263 |
| 29. 35-309 | 30. 35-310 | 31. 35-314 | 32. 35-316 |
| 33. 35-325 | 34. 35-326 | 35. 35-327 | 36. 35-330 |
| 37. 35-331 | 38. 35-332 | 39. 35-333 | 40. 35-337 |
| 41. 35-344 | 42. 35-345 | 43. 35-346 | 44. 35-348 |
| 45. 35-349 | 46. 35-352 | 47. 35-353 | 48. 35-354 |
| 49. 35-356 | 50. 35-358 | 51. 35-359 | 52. 35-360 |
| 53. 35-361 | 54. 35-365 | 55. 35-366 | 56. 35-368 |
| 57. 35-369 | 58. 35-370 | 59. 35-371 | 60. 35-372 |
| 61. 35-373 | 62. 35-374 | 63. 35-375 | 64. 35-376 |
| 65. 35-377 | 66. 35-382 | 67. 35-384 | 68. 35-386 |

Areas that do not have any drains, continued:

69.	35-388	70.	35-389	71.	35-390	72.	35-392
73.	35-393	74.	35-394	75.	35-395	76.	35-406
77.	35-407	78.	35-408	79.	35-410	80.	35-411
81.	35-412	82.	35-422	83.	35-423	84.	35-424
85.	35-425	86.	35-451	87.	35-457	88.	35-465
89.	35-466						

Abandoned septic structures:

1. 35-14

Discharges from leaking holding tanks/structures into ground water:

1. 35-3

Discharges to the SWSC Collection System:

1.	35-1-OPN-2	2.	35-2-OPN-1	3.	35-2-OPN-4
4.	35-2-OPN-5	5.	35-2-OPN-15	6.	35-7-OPN-2
7.	35-27-OPN-1	8.	35-27-OPN-2	9.	35-27-OPN-3
10.	35-29-OPN-2	11.	35-29-OPN-9	12.	35-34-OPN-7
13.	35-46-OPN-1	14.	35-46-OPN-10	15.	35-67-OPN-3
16.	35-68-OPN-6	17.	35-85-OPN-21	18.	35-85-OPN-29
19.	35-86-OPN-10	20.	35-88-OPN-1	21.	35-110-OPN-3
22.	35-114-OPN-3	23.	35-186-OPN-2	24.	35-188-OPN-7
25.	35-189-OPN-1	26.	35-207-OPN-1	27.	35-218-OPN-2
28.	35-253-OPN-1	29.	35-255-OPN-4	30.	35-257-OPN-1
31.	35-264-OPN-2	32.	35-268-OPN-1	33.	35-269-OPN-1
34.	35-336-OPN-2	36.	35-454-OPN-1		

Discharges of storm water from roof drains and downspouts:

1.	35-2-OPN-9	2.	35-2-OPN-10	3.	35-2-OPN-11
4.	35-2-OPN-12	5.	35-2-OPN-13	6.	35-2-OPN-14
7.	35-2-OPN-21	8.	35-2-OPN-23	9.	35-2-OPN-25
10.	35-2-OPN-29	11.	35-2-OPN-30	12.	35-2-OPN-31
13.	35-2-OPN-40	14.	35-2-OPN-67	15.	35-2-OPN-73
16.	35-7-OPN-6	17.	35-25-OPN-3	18.	35-27-OPN-9
19.	35-27-OPN-10	20.	35-29-OPN-1	21.	35-34-OPN-1
22.	35-67-OPN-14	23.	35-67-OPN-15	24.	35-68-OPN-1
25.	35-68-OPN-3	26.	35-68-OPN-4	27.	35-68-OPN-5
28.	35-85-OPN-1	29.	35-85-OPN-3	30.	35-85-OPN-4

Discharges of storm water from roof drains and downspouts,  
continued:

31.	35-85-OPN-5	32.	35-85-OPN-6	33.	35-85-OPN-7
34.	35-85-OPN-8	35.	35-85-OPN-12	36.	35-85-OPN-13
37.	35-85-OPN-14	38.	35-85-OPN-15	39.	35-85-OPN-23
40.	35-86-OPN-1	41.	35-86-OPN-2	42.	35-86-OPN-3
43.	35-86-OPN-4	43.	35-86-OPN-5	44.	35-86-OPN-6
45.	35-88-OPN-4	46.	35-110-OPN-1	47.	35-110-OPN-6
48.	35-110-OPN-7	49.	35-110-OPN-8	50.	35-114-OPN-1
51.	35-114-OPN-6	52.	35-114-OPN-7	53.	35-114-OPN-8
54.	35-188-OPN-1	55.	35-188-OPN-2	56.	35-189-OPN-2
57.	35-189-OPN-3	57.	35-189-OPN-4	59.	35-189-OPN-5
60.	35-189-OPN-8	61.	35-189-OPN-11	62.	35-207-OPN-3
63.	35-253-OPN-2	64.	35-255-OPN-6	65.	35-257-OPN-2
66.	35-268-OPN-2	67.	35-268-OPN-3	68.	35-269-OPN-3
69.	35-269-OPN-4	70.	35-269-OPN-5	71.	35-269-OPN-6
72.	35-270-OPN-1	73.	35-270-OPN-2	74.	35-454-OPN-2
75.	35-454-OPN-3	76.	35-454-OPN-4	77.	35-454-OPN-5

Discharges from fire protection systems:

1.	35-2-OPN-20	2.	35-2-OPN-22	3.	35-2-OPN-26
4.	35-2-OPN-27	5.	35-2-OPN-28	6.	35-2-OPN-34
7.	35-2-OPN-38	8.	35-2-OPN-39	9.	35-2-OPN-41
10.	35-2-OPN-49	11.	35-2-OPN-50	12.	35-2-OPN-51
13.	35-2-OPN-53	14.	35-2-OPN-63	15.	35-2-OPN-64
16.	35-7-OPN-1	17.	35-7-OPN-3	18.	35-7-OPN-4
19.	35-7-OPN-5	20.	35-27-OPN-5	21.	35-27-OPN-6
22.	35-27-OPN-11	23.	35-27-OPN-13	24.	35-29-OPN-4
25.	35-29-OPN-5	26.	35-29-OPN-7	27.	35-29-OPN-8
28.	35-46-OPN-2	29.	35-46-OPN-3	30.	35-46-OPN-4
31.	35-46-OPN-5	32.	35-46-OPN-6	33.	35-46-OPN-9
34.	35-67-OPN-1	35.	35-67-OPN-5	36.	35-67-OPN-6
37.	35-67-OPN-10	38.	35-67-OPN-11	39.	35-67-OPN-13
40.	35-67-OPN-17	41.	35-85-OPN-2	42.	35-85-OPN-9
43.	35-85-OPN-10	44.	35-85-OPN-11	45.	35-86-OPN-7
46.	35-86-OPN-9	47.	35-86-OPN-17	48.	35-86-OPN-18
49.	35-88-OPN-2	50.	35-88-OPN-3	51.	35-88-OPN-5
52.	35-129-OPN-1	53.	35-129-OPN-2	54.	35-188-OPN-3
55.	35-188-OPN-8	56.	35-189-OPN-6	57.	35-189-OPN-7
58.	35-189-OPN-9	59.	35-189-OPN-10	60.	35-207-OPN-2
61.	35-207-OPN-4	62.	35-207-OPN-5	63.	35-207-OPN-6
64.	35-207-OPN-7	65.	35-207-OPN-8	66.	35-254-OPN-1

Discharges from fire protection systems, continued:

- |     |              |     |              |     |              |
|-----|--------------|-----|--------------|-----|--------------|
| 67. | 35-255-OPN-5 | 68. | 35-356-OPN-2 | 69. | 35-356-OPN-3 |
| 70. | 35-356-OPN-4 |     |              |     |              |

Discharges to daylight from hot water pressure relief valves:

- |     |              |     |              |     |              |
|-----|--------------|-----|--------------|-----|--------------|
| 1.  | 35-1-OPN-1   | 2.  | 35-29-OPN-3  | 3.  | 35-34-OPN-5  |
| 4.  | 35-46-OPN-8  | 5.  | 35-67-OPN-4  | 6.  | 35-85-OPN-20 |
| 7.  | 35-110-OPN-4 | 8.  | 35-114-OPN-4 | 9.  | 35-186-OPN-3 |
| 10. | 35-188-OPN-6 | 11. | 35-218-OPN-1 | 12. | 35-241-OPN-1 |
| 13. | 35-253-OPN-3 | 14. | 35-253-OPN-4 | 15. | 35-255-OPN-3 |
| 16. | 35-264-OPN-1 | 17. | 35-269-OPN-2 | 18. | 35-336-OPN-1 |
| 19. | 35-454-OPN-6 | 20. | 35-454-OPN-7 |     |              |

Discharges to daylight from water supply and boiler system pressure relief valves:

- |    |              |    |             |    |             |
|----|--------------|----|-------------|----|-------------|
| 1. | 35-2-OPN-8   | 2. | 35-2-OPN-55 | 3. | 35-2-OPN-61 |
| 4. | 35-25-OPN-1  | 5. | 35-27-OPN-8 | 6. | 35-67-OPN-9 |
| 7. | 35-347-OPN-1 |    |             |    |             |

Discharges to daylight from unused cooling towers:

- |    |             |    |             |
|----|-------------|----|-------------|
| 1. | 35-33-OPN-1 | 2. | 35-33-OPN-2 |
|----|-------------|----|-------------|

Discharges to daylight from glycol-based cooling unit drains:

- |     |              |     |              |     |              |
|-----|--------------|-----|--------------|-----|--------------|
| 1.  | 35-86-OPN-11 | 2.  | 35-86-OPN-12 | 3.  | 35-86-OPN-13 |
| 4.  | 35-86-OPN-14 | 5.  | 35-86-OPN-15 | 6.  | 35-86-OPN-16 |
| 7.  | 35-157-OPN-1 | 8.  | 35-157-OPN-2 | 9.  | 35-157-OPN-3 |
| 10. | 35-157-OPN-4 | 11. | 35-157-OPN-5 | 12. | 35-157-OPN-6 |
| 13. | 35-157-OPN-7 | 14. | 35-157-OPN-8 | 15. | 35-157-OPN-9 |

Discharges to daylight from backflow preventers:

- |    |              |    |              |    |              |
|----|--------------|----|--------------|----|--------------|
| 1. | 35-27-OPN-12 | 2. | 35-29-OPN-6  | 3. | 35-34-OPN-3  |
| 4. | 35-46-OPN-7  | 5. | 35-46-OPN-11 | 6. | 35-67-OPN-2  |
| 7. | 35-67-OPN-19 | 8. | 35-86-OPN-8  | 9. | 35-255-OPN-1 |

Discharges to daylight from floor, pipe and area drains:

- |    |             |    |             |    |             |
|----|-------------|----|-------------|----|-------------|
| 1. | 35-2-OPN-7  | 2. | 35-2-OPN-35 | 3. | 35-2-OPN-79 |
| 4. | 35-34-OPN-6 |    |             |    |             |

Discharges from air vents and heating exhausts:

- |                |                 |                 |
|----------------|-----------------|-----------------|
| 1. 35-2-OPN-17 | 2. 35-2-OPN-32  | 3. 35-2-OPN-33  |
| 4. 35-2-OPN-52 | 5. 35-2-OPN-54  | 6. 35-2-OPN-68  |
| 7. 35-25-OPN-2 | 8. 35-67-OPN-16 | 9. 35-67-OPN-20 |

Discharges from vacuum pump and air compressor exhausts:

- |                |                |                |
|----------------|----------------|----------------|
| 1. 35-2-OPN-16 | 2. 35-2-OPN-18 | 3. 35-2-OPN-69 |
| 4. 35-2-OPN-74 | 5. 35-2-OPN-77 | 6. 35-2-OPN-78 |
| 7. 35-34-OPN-2 |                |                |

Insulating oil transfer and drainage lines:

- |                 |                 |                 |
|-----------------|-----------------|-----------------|
| 1. 35-85-OPN-25 | 2. 35-159-OPN-1 | 3. 35-159-OPN-2 |
|-----------------|-----------------|-----------------|

Discharges of compressed air drain water:

- |                 |                 |                 |
|-----------------|-----------------|-----------------|
| 1. 35-67-OPN-7  | 2. 35-67-OPN-8  | 3. 35-67-OPN-19 |
| 4. 35-188-OPN-4 | 5. 35-188-OPN-5 |                 |

Discharges from sanitary sewer and vents and vent pipes from the ground:

- |                |                 |                |
|----------------|-----------------|----------------|
| 1. 35-2-OPN-19 | 2. 35-2-OPN-36  | 3. 35-2-OPN-37 |
| 4. 35-2-OPN-65 | 5. 35-85-OPN-22 |                |

Discharges from exhaust shaft sampling ports:

- |                |                |                |
|----------------|----------------|----------------|
| 1. 35-2-OPN-42 | 2. 35-2-OPN-43 | 3. 35-2-OPN-44 |
|----------------|----------------|----------------|

Discharges from pneumatic station and chemical tank overflows:

- |                |                |  |
|----------------|----------------|--|
| 1. 35-2-OPN-56 | 2. 35-2-OPN-62 |  |
|----------------|----------------|--|

Discharges from deionized water tank drains:

- |                 |                 |                 |
|-----------------|-----------------|-----------------|
| 1. 35-85-OPN-26 | 2. 35-85-OPN-27 | 3. 35-85-OPN-28 |
|-----------------|-----------------|-----------------|

Discharges from gas cylinder stations:

- |                |                 |                |
|----------------|-----------------|----------------|
| 1. 35-2-OPN-45 | 2. 35-2-OPN-46  | 3. 35-2-OPN-47 |
| 4. 35-2-OPN-48 | 5. 35-2-OPN-70  | 6. 35-2-OPN-71 |
| 7. 35-2-OPN-72 | 8. 35-85-OPN-24 |                |

Discharges from disconnected pipes:

- |                 |                |                 |
|-----------------|----------------|-----------------|
| 1. 35-2-OPN-24  | 2. 35-2-OPN-57 | 3. 35-2-OPN-58  |
| 4. 35-2-OPN-66  | 5. 35-34-OPN-4 | 6. 35-67-OPN-12 |
| 7. 35-67-OPN-18 | 8. 35-68-OPN-2 |                 |

Discharges of cooling water and condensed water from heating, ventilation and air conditioning:

- |     |              |     |              |     |              |
|-----|--------------|-----|--------------|-----|--------------|
| 1.  | 35-27-OPN-4  | 2.  | 35-27-OPN-7  | 3.  | 35-85-OPN-16 |
| 4.  | 35-85-OPN-17 | 5.  | 35-85-OPN-18 | 6.  | 35-85-OPN-19 |
| 7.  | 35-110-OPN-2 | 8.  | 35-110-OPN-5 | 9.  | 35-114-OPN-2 |
| 10. | 35-114-OPN-5 | 11. | 35-186-OPN-1 | 12. | 35-186-OPN-4 |
| 13. | 35-238-OPN-1 | 14. | 35-242-OPN-1 | 15. | 35-251-OPN-1 |
| 16. | 35-253-OPN-5 | 17. | 35-255-OPN-2 | 18. | 35-356-OPN-1 |

Discharges from storage shed drains:

1. 35-385-OPN-1

Discharges from carbon dioxide tanks:

1. 35-170-OPN-1

Discharges from natural gas systems:

- |    |             |    |             |    |             |
|----|-------------|----|-------------|----|-------------|
| 1. | 35-2-OPN-59 | 2. | 35-2-OPN-60 | 3. | 35-2-OPN-75 |
| 4. | 35-2-OPN-76 |    |             |    |             |

Discharges to the RLW system via holding tanks:

1. 35-2-OPN-3

Discharges to daylight from air equipment sumps:

1. 35-2-OPN-2

Discharges to daylight from roof-mounted holding tanks:

1. 35-2-OPN-6

Discharges from rest room facilities to daylight:

1. 35-241-OPN-2

Inactive oil holding tank connections to daylight:

- |    |              |    |              |    |              |
|----|--------------|----|--------------|----|--------------|
| 1. | 35-278-OPN-1 | 2. | 35-278-OPN-2 | 3. | 35-278-OPN-3 |
| 4. | 35-279-OPN-1 | 5. | 35-279-OPN-2 | 6. | 35-279-OPN-3 |

Recommended permitting and corrective action items are outlined in Tables 2 through 47 as well as in the above text. Corrective actions should be performed as soon as practicable to minimize the chance of unpermitted discharge of pollutants.

**TABLE 1**  
**SUMMARY OF ABBREVIATIONS**

ABBREVIATION	MEANING
BFP	Backflow Preventer
CD	Cup Drain
CS	Fume Hood Cup Sink
DW	Dish Washer
ED	Equipment Drain
EW	Eye Wash Drain
FD	Floor Drain
FS	Floor Sink
IM	Ice Machine
LV	Lavatory
PD	Pipe Drain
PRV	Pressure Relief Valve
RD	Roof Drain
SD	Sink Drain
SH	Shower
SP	Sump Pump
SS	Safety Shower
TL	Toilet
UR	Urinal
WF	Water Fountain
WH	Water Heater

TABLE 2: TA 35-1 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-001-OPN-1 DAYLIGHT	1WH1	RESTROOM	2	NOI	NO
35-001-OPN-2 SANITARY	1FD1	RESTROOM	2	NO CHANGE	NO
	1SD1	RESTROOM	2	NO CHANGE	
	1TL1	RESTROOM	2	NO CHANGE	

TABLE 3: TA 35-2 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-002-OPN-1 SANITARY	1CD1	CONTROLLED LABORATORY	C157	MODIFY	NO
	1CD2	LASER LABORATORY	C130	LABEL	
	1EW2	HALLWAY	C100	NO CHANGE	
	1FD3	EQUIPMENT ROOM	A180	CONTROLLED AREA-- PLUG, REPIPE OR CHANGE STATUS	
	1FD4	EQUIPMENT ROOM	A180	PLUG	
	1FD5	EQUIPMENT ROOM	A180	CONTROLLED AREA-- PLUG, REPIPE OR CHANGE STATUS	
	1FD6	MACHINE SHOP	C148	PLUG	
	1FD7	MACHINE SHOP	C148	PLUG	
	1FD8	MACHINE SHOP	C148	PLUG	
	1FD9	MACHINE SHOP	C148	PLUG	
	1FD14	CONTROLLED LABORATORY	C155	CONTROLLED AREA-- PLUG, REPIPE OR CHANGE STATUS	
	1FD15	CONTROLLED LABORATORY		C119	
	1FD16	CONTROLLED LABORATORY	C115	CONTROLLED AREA-- PLUG, REPIPE OR CHANGE STATUS	
	1FD17	LASER LABORATORY	C111	VERIFY & PLUG	
	1FD18	CONTROLLED LABORATORY	C157	VERIFY & PLUG	
	1FD19	LASER LABORATORY	C107	VERIFY & PLUG	
	1FD20	ELECTRONICS LABORATORY	C159	PLUG	
	1FD21	LASER LABORATORY	C130	VERIFY & PLUG	
	1FD22	LASER LABORATORY	C130	VERIFY & PLUG	
	1FD23	LASER LABORATORY	C130	VERIFY & PLUG	
	1FD24	LASER LABORATORY	C118	VERIFY & PLUG	
	1FD25	LASER LABORATORY	C114	VERIFY & PLUG	
	1FD26	LASER LABORATORY	C110	VERIFY & PLUG	
	1FD27	LABORATORY	C140	PLUG	
	1FD28	ROBOTICS LABORATORY	C136	PLUG	
	1FD29	HALLWAY	C148A	PLUG	

TABLE 3: TA 35-2 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED	
35-002-OPN-01 SANITARY CONTINUED	1FD30	MACHINE SHOP	C148	PLUG	NO	
	1LV5	REST ROOM	A152A	CONTROLLED AREA-- PLUG, REPIPE OR CHANGE STATUS		
	1SD06	METALLOGRAPHY LAB.	A132			
	1SD07	LABORATORY	A134			
	1SD08	LABORATORY	A162			
	1SD12	LABORATORY	A161			
	1SD13	JANITOR'S CLOSET	A163			
	1SD15	CAFETERIA, KITCHEN AREA	A145			
	1SD16	LABORATORY	A139			
	1SD17	LABORATORY	A137			
	1SD18	LABORATORY	A135			REMOVE/REPIPE
	1SD19	LABORATORY	A133			REMOVE/REPIPE
	1SD20	LABORATORY	A131			CONTROLLED AREA-- PLUG, REPIPE OR CHANGE STATUS
	1SD23	JANITOR'S CLOSET	B123			NO CHANGE
	1SD25	LASER LABORATORY	C124	PLUGGED		
	1SD26	LASER LABORATORY	C102	LABEL		
	1SD27	LASER LABORATORY	C106	LABEL		
	1SD28	LASER LABORATORY	C126	LABEL		
	1SD29	ROBOTICS LABORATORY	C138	CONTROLLED AREA-- PLUG, REPIPE OR CHANGE STATUS		
	1SD33	CONTROLLED LABORATORY	C119			
	1SD34	CONTROLLED LABORATORY	C115			
	1SD35	CONTROLLED LABORATORY	C157			
	1SD36	LASER LABORATORY	C111	LABEL		
	1SD37	LASER LABORATORY	C107	LABEL		
	1SD38	JANITOR'S CLOSET	A147	CONTROLLED AREA-- PLUG, REPIPE OR CHANGE STATUS		
	1SD39	LABORATORY	C140	LABEL		
	1SD40	LABORATORY	C140	LABEL		
	1SD41	ROBOTICS LABORATORY	C134	CONTROLLED AREA-- PLUG, REPIPE OR CHANGE STATUS		
	1SD42	LASER LABORATORY	C130	LABEL		
	1SD43	LASER LABORATORY	C118	LABEL		
	1SD44	LASER LABORATORY	C114	LABEL		
	1SD45	LASER LABORATORY	C110	LABEL		
	1SD46	JANITOR'S CLOSET	C118	LABEL		
	1SD47	LABORATORY	C140	LABEL		
	1SH2	REST ROOM	A152A	CONTROLLED AREA-- PLUG, REPIPE OR CHANGE STATUS		
	1TL4	REST ROOM	A152A			
	1WF2	HALLWAY	A100			
	1WF3	HALLWAY	A160			
	1WF5	HALLWAY	C100			
	BAD2	PIPE TUNNEL	C10	NO CHANGE		
	BAD3	PIPE TUNNEL	C10	NO CHANGE		
	BAD4	EXTERNAL STAIRWELL	STRWY	REPIPE		

TABLE 3: TA 35-2 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-002-OPN-01 SANITARY CONTINUED	BAD5	EXTERNAL STAIRWELL	STRWY	REPIPE TO DAYLIGHT	NO
	BAD6	EXTERNAL STAIRWELL	STRWY	REPIPE TO DAYLIGHT	
	BAD7	COVERED EXTERNAL STAIRS	STRWY	PLUG	
	BCD1	LASER LABORATORY	C18	PLUGGED	
	BFD3	EQUIPMENT ROOM	C10	CONTAINERIZE PUMPS	
	BFD4	EQUIPMENT ROOM	C10	NO CHANGE	
	BFD5	EQUIPMENT ROOM	C10	NO CHANGE	
	BFD6	HALLWAY	A12	PLUG	
	BFD7	HALLWAY	A12	PLUG	
	BFD8	ORGANIC SYNTHESIS LAB	A12	PLUG	
	BFD9	ORGANIC SYNTHESIS LAB	A12	PLUG	
	BFD10	CONTROLLED EQUIP RM	A10	CONTROLLED AREA-- PLUG, REPIPE OR CHANGE STATUS, CONTAINERIZE PUMPS	
	BFD11	CONTROLLED EQUIP RM	A10	PLUG	
	BFD12	CONTROLLED EQUIP RM	A10	CONTROLLED AREA-- PLUG, REPIPE OR CHANGE STATUS	
	BFD13	CONTROLLED EQUIP RM	A00	PLUGGED	
	BFD14	CONTROLLED EQUIP RM	A00	PLUG & CONTAINERIZE BATTERIES	
	BFD15	CONTROLLED EQUIP RM	A10	CONTROLLED AREA-- PLUG, REPIPE OR CHANGE STATUS	
	BFD16	CONTROLLED EQUIP RM	A10	CONTROLLED AREA-- PLUG, REPIPE OR CHANGE STATUS	
	BFD17	CONTROLLED EQUIP RM	A10	CONTROLLED AREA-- PLUG, REPIPE OR CHANGE STATUS	
	BFD18	CONTROLLED EQUIP RM	A10	CONTAINERIZE PUMPS	
	BFD19	CONTROLLED EQUIP RM	A10	PLUG & REMOVE ACID WASTE TANKS	
	BFD20	CONTROLLED EQUIP RM	A10	CONTROLLED AREA-- PLUG, REPIPE OR CHANGE STATUS	
	BFD21	CONTROLLED EQUIP RM	A10	CONTROLLED AREA-- PLUG, REPIPE OR CHANGE STATUS, CONTAINERIZE PUMPS	
	BFD22	CONTROLLED OFFICE AREA	A14	CONTROLLED AREA-- PLUG, REPIPE OR CHANGE STATUS	
	BFD23	CONTROLLED EQUIP RM	A10	PLUG	
	BFD24	CONTROLLED EQUIP RM	A10	PLUG	
	BFD25	CONTROLLED EQUIP RM	A10	PLUG	
BFD26	CONTROLLED OFFICE AREA	A14	VERIFY & PLUG		
BFD27	CONTROLLED RESTROOM	A16A	PLUG		

### TABLE 3: TA 35-2 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-002-OPN-01 SANITARY  CONTINUED	BFD28	CONTROLLED CONF. ROOM	A17	PLUG	NO
	BLV1	CONTROLLED RESTROOM	A16A	CONTROLLED AREA-- PLUG, REPIPE OR CHANGE STATUS	
	BED1	ORGANIC SYNTHESSES LAB	A12	CAPPED	
	BED2	CONTAMINATED PIPE CHASE	A17	PLUG	
	BSD1	LASER LABORATORY	C16	CONTROLLED AREA-- PLUG, REPIPE OR CHANGE STATUS	
	BSD2	LASER LABORATORY	C16	CAPPED	
	BSD3	CONFERENCE ROOM	A11	CONTROLLED AREA-- REPIPE OR CHANGE STATUS, CONTAINERIZE AIR EQUIP	
	BSD4	ORGANIC SYNTHESSES LAB	A12C		
	BSD5	ORGANIC SYNTHESSES LAB	A12		
	BSD6	ORGANIC SYNTHESSES LAB	A12		
	BSD7	CONTROLLED OFFICE AREA	A14		
	BSD8	CONTROLLED CONF. ROOM	A17	NO CHANGE	
	BSP1	EQUIPMENT ROOM	C10	CONTROLLED AREA-- PLUG, REPIPE OR CHANGE STATUS	
	BSP2	CONTROLLED EQUIP RM.	A10	CONTROLLED AREA-- PLUG, REPIPE OR CHANGE STATUS	
	BTL1	CONTROLLED RESTROOM	A16A	CONTROLLED AREA-- PLUG, REPIPE OR CHANGE STATUS	
BWF1	CONTROLLED AREA HALLWAY	A16			
35-002-OPN-02 DAYLIGHT	BSP3	CONTROLLED EQUIP RM.	A12A	REMOVE	NO
35-002-OPN-03 RLW	1SD09	LABORATORY	A164	PLUGGED	NO
	1SD10	LABORATORY	A164	PLUGGED	
	1SD11	LABORATORY	A166	PLUG OR REPIPE	
	N/A	ACID TANK #1	A10	ELIMINATE	
	N/A	ACID TANK #1	A10	ELIMINATE	
35-002-OPN-04 SANITARY	1FD10	MACHINE SHOP	C139	PLUG	NO
	1FD11	LOCKER ROOM	C121	NO CHANGE	
	1FD12	LOCKER ROOM	C121	NO CHANGE	
	1FD13	RESTROOM	C121	NO CHANGE	
	1LV6	RESTROOM	C121	NO CHANGE	
	1LV7	RESTROOM	C121	NO CHANGE	
	1LV8	RESTROOM	C121	NO CHANGE	
	1ED1	MACHINE SHOP	C139	PLUG	
	1SD30	MACHINE SHOP	C139	LABEL	
	1SD31	MACHINE SHOP	C154	LABEL	
	1SD32	KITCHEN AREA	C150	LABEL	
	1SH3	LOCKER ROOM	C121	NO CHANGE	

TABLE 3: TA 35-2 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-002-OPN-04 SANITARY CONTINUED	1SH4	LOCKER ROOM	C121	NO CHANGE	NO
	1TL6	RESTROOM	C121	NO CHANGE	
	1TL7	RESTROOM	C121	NO CHANGE	
	1TL8	RESTROOM	C121	NO CHANGE	
	1UR3	RESTROOM	C121	NO CHANGE	
	1UR4	RESTROOM	C121	NO CHANGE	
	1WF6	HALLWAY	C100	NO CHANGE	
35-002-OPN-05 SANITARY	1FD1	RESTROOM	A118	NO CHANGE	NO
	1FD2	RESTROOM	A120	NO CHANGE	
	1LV1	RESTROOM	A118	NO CHANGE	
	1LV2	RESTROOM	A118	NO CHANGE	
	1LV3	RESTROOM	A120	NO CHANGE	
	1LV4	RESTROOM	A120	NO CHANGE	
	1SD1	KITCHEN AREA	A116A	LABEL	
	1SD2	KITCHEN AREA	A116A	LABEL	
	1SD3	KITCHEN AREA	A116A	LABEL	
	1SD4	JANITOR'S CLOSET	A124	LABEL	
	1SH1	RESTROOM	A118	NO CHANGE	
	1TL1	RESTROOM	A118	NO CHANGE	
	1TL2	RESTROOM	A118	NO CHANGE	
	1TL3	RESTROOM	A120	NO CHANGE	
	1TL4	RESTROOM	A120	NO CHANGE	
	1UR1	RESTROOM	A120	NO CHANGE	
1WF1	HALLWAY	A100	NO CHANGE		
35-002-OPN-06 DAYLIGHT	N/A	TANK ON ROOF	ROOF	CONTAINERIZE	NO
35-002-OPN-07 DAYLIGHT	BAD1	EXTERNAL STAIRWELL	OUTSIDE	NO CHANGE	YES
	BFD1	HALLWAY	C15	PIPE TO SS	
	BFD2	EQUIPMENT ROOM	C15B	PIPE TO SS	
35-002-OPN-008 DAYLIGHT	N/A	BOILER TANK PRESSURE RELIEF	A180	NOI	NO
35-002-OPN-09 DAYLIGHT	PRD1	PENTHOUSE ROOF	ROOF	NO CHANGE	NO
	RD1	ROOF	ROOF	NO CHANGE	
35-002-OPN-10 DAYLIGHT	RD2	ROOF	ROOF	NO CHANGE	NO
	RD3	ROOF	ROOF	NO CHANGE	
	RD4	ROOF	ROOF	NO CHANGE	
35-002-OPN-11 DAYLIGHT	RD5	ROOF	ROOF	NO CHANGE	NO
	RD6	ROOF	ROOF	NO CHANGE	
35-002-OPN-12 DAYLIGHT	RD7	ROOF	ROOF	NO CHANGE	NO
35-002-OPN-13 DAYLIGHT	RD8	ROOF	ROOF	NO CHANGE	NO
	RD9	ROOF	ROOF	NO CHANGE	
	RD10	ROOF	ROOF	NO CHANGE	
35-002-OPN-14	N/A	STORM WATER	C124	NO CHANGE	NO

### TABLE 3: TA 35-2 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-002-OPN-15 SANITARY	1SD24	CONFERENCE ROOM	B129	LABEL	NO
	1WF4	HALLWAY	N/A	NO CHANGE	
35-002-OPN-16 DAYLIGHT	N/A	LASER LABORATORY VACUUM PUMP EXHAUST	C130	NO CHANGE	NO
35-002-OPN-17 DAYLIGHT	N/A	LASER LABORATORY EXHAUST VENT	C134	NO CHANGE	NO
35-002-OPN-18 DAYLIGHT	N/A	LASER LABORATORY VACUUM PUMP EXHAUST	C134	NO CHANGE	NO
35-002-OPN-19 DAYLIGHT	N/A	LASER LABORATORY SEWER VENT	C136	NO CHANGE	NO
35-002-OPN-20 DAYLIGHT	N/A	LASER LABORATORY FIRE WATER	C138	NOI	NO
35-002-OPN-21 DAYLIGHT	N/A	ROOF STORM DRAIN	ROOF	NO CHANGE	NO
35-002-OPN-22 DAYLIGHT	N/A	MACHINE SHOP FIRE WATER	C148NOI		NO
35-002-OPN-23 DAYLIGHT	N/A	ROOF STORY DRAIN	ROOF	NO CHANGE	NO
35-002-OPN-24 DAYLIGHT	N/A	MACHINE SHOP DUCT-- WELDED SHUT	C154	ELIMINATE	NO
35-002-OPN-25 DAYLIGHT	N/A	ROOF STORM DRAIN	ROOF	NO CHANGE	NO
35-002-OPN-26 DAYLIGHT	N/A	MACHINE SHOP FIRE WATER	C156	NOI	NO
35-002-OPN-27 DAYLIGHT	N/A	MACHINE SHOP FIRE WATER	C156	NOI	NO
35-002-OPN-28 DAYLIGHT	N/A	MACHINE SHOP FIRE HOSE CONNECT	C156	NOI	NO
35-002-OPN-29 DAYLIGHT	N/A	ROOF STORM DRAIN	ROOF	NO CHANGE	NO
35-002-OPN-30 DAYLIGHT	N/A	ROOF STORM DRAIN	ROOF	NO CHANGE	NO
35-002-OPN-31 DAYLIGHT	N/A	ROOF STORM DRAIN	ROOF	NO CHANGE	NO
35-002-OPN-32 DAYLIGHT	N/A	EQUIPMENT ROOM VENT	C15	NO CHANGE	NO
35-002-OPN-33 DAYLIGHT	N/A	EQUIPMENT ROOM VENT	C15	NO CHANGE	NO
35-002-OPN-34 DAYLIGHT	N/A	CONFERENCE ROOM FIRE WATER	B129	NOI	NO
35-002-OPN-35 DAYLIGHT	N/A	ESCAPE HATCH AREA DRAIN	N/A	NO CHANGE	NO
35-002-OPN-36 DAYLIGHT	N/A	VENT FROM GROUND LEVEL	N/A	VERIFY/PLUG	NO
35-002-OPN-37 DAYLIGHT	N/A	VENT FROM GROUND LEVEL	N/A	VERIFY/PLUG	NO

### TABLE 3: TA 35-2 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-002-OPN-38 DAYLIGHT	N/A	OFFICE AREA FIRE WATER	A105A	NOI	NO
35-002-OPN-39 DAYLIGHT	N/A	OFFICE FIRE WATER	A112	NOI	NO
35-002-OPN-40 DAYLIGHT	N/A	ROOF STORM DRAIN	ROOF	NO CHANGE	NO
35-002-OPN-41 DAYLIGHT	N/A	OFFICE FIRE WATER	A114	NOI	NO
35-002-OPN-42 DAYLIGHT	N/A	EXHAUST SHAFT DRAIN/SAMPLER	N/A	VERIFY/NOI	NO
35-002-OPN-43 DAYLIGHT	N/A	EXHAUST SHAFT DRAIN/SAMPLER	N/A	VERIFY/NOI	NO
35-002-OPN-44 DAYLIGHT	N/A	EXHAUST SHAFT SAMPLER	N/A	NOI	NO
35-002-OPN-45 DAYLIGHT	N/A	GAS CYLINDER STATION VENT	N/A	NO CHANGE	NO
35-002-OPN-46 DAYLIGHT	N/A	GAS CYLINDER STATION VENT	N/A	NO CHANGE	NO
35-002-OPN-47 DAYLIGHT	N/A	GAS CYLINDER STATION VENT	N/A	NO CHANGE	NO
35-002-OPN-48 DAYLIGHT	N/A	GAS CYLINDER STATION VENT	N/A	NO CHANGE	NO
35-002-OPN-49 DAYLIGHT	N/A	FIRE SYSTEM	N/A	NOI	NO
35-002-OPN-50 DAYLIGHT	N/A	FIRE SYSTEM HOSE CONNECT	N/A	NOI	NO
35-002-OPN-51 DAYLIGHT	N/A	FIRE SYSTEM	N/A	NOI	NO
35-002-OPN-52 DAYLIGHT	N/A	EQUIPMENT ROOM BOILER EXHAUST	A10	NO CHANGE	NO
35-002-OPN-53 DAYLIGHT	N/A	FIRE SYSTEM	N/A	NOI	NO
35-002-OPN-54 DAYLIGHT	N/A	EQUIPMENT ROOM AIR INLET	A180	NO CHANGE	NO
35-002-OPN-55 DAYLIGHT	N/A	EQUIPMENT ROOM BOILER TANK PRV	A180	NOI	NO
35-002-OPN-56 DAYLIGHT	N/A	PNEUMATIC STATION PIT OVERFLOW	A180	NOI	YES
35-002-OPN-57 DAYLIGHT	N/A	DISCONNECTED PIPE	A180	ELIMINATE	NO
35-002-OPN-58 DAYLIGHT	N/A	DISCONNECTED VENT PIPE	A180	ELIMINATE	NO
35-002-OPN-59 DAYLIGHT	N/A	NATURAL GAS REGULATOR VENT	A180	NO CHANGE	NO
35-002-OPN-60 DAYLIGHT	N/A	BOILER GAS LINE BLEED	A180	NO CHANGE	NO

TABLE 3: TA 35-2 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-002-OPN-61 DAYLIGHT	N/A	EQUIPMENT ROOM BOILER PRV	A164	NOI	NO
35-002-OPN-62 DAYLIGHT	N/A	CHEMICAL TANK OVERFLOW	A180	ELIMINATE	YES
35-002-OPN-63 DAYLIGHT	N/A	OFFICE AREA FIRE WATER	A179	NOI	NO
35-002-OPN-64 DAYLIGHT	N/A	OFFICE AREA FIRE WATER	A179	NOI	NO
35-002-OPN-65 DAYLIGHT	N/A	SANITARY SEWER SYSTEM VENT	N/A	NO CHANGE	NO
35-002-OPN-66 DAYLIGHT	N/A	LABORATORY DISCONNECTED PIPE	A161	ELIMINATE	NO
35-002-OPN-67 DAYLIGHT	N/A	ROOF STORM GUTTER	ROOF	NO CHANGE	NO
35-002-OPN-68 DAYLIGHT	N/A	LABORATORY EXHAUST MANIFOLD	C102	NO CHANGE	NO
35-002-OPN-69 DAYLIGHT	N/A	LABORATORY VACUUM PUMP EXHAUST	C106	NO CHANGE	NO
35-002-OPN-70 DAYLIGHT	N/A	GAS CYLINDER STORAGE VENT	N/A	NO CHANGE	NO
35-002-OPN-71 DAYLIGHT	N/A	GAS CYLINDER STORAGE VENT	N/A	NO CHANGE	NO
35-002-OPN-72 DAYLIGHT	N/A	GAS CYLINDER STORAGE VENT	N/A	NO CHANGE	NO
35-002-OPN-73 DAYLIGHT	N/A	ROOF STORM GUTTER	ROOF	NO CHANGE	NO
35-002-OPN-74 DAYLIGHT	N/A	LABORATORY VACUUM PUMP EXHAUST	C118	NO CHANGE	NO
35-002-OPN-75 DAYLIGHT	N/A	NATURAL GAS VENT	C10	NO CHANGE	NO
35-002-OPN-76 DAYLIGHT	N/A	NATURAL GAS VENT	C10	NO CHANGE	NO
35-002-OPN-77 DAYLIGHT	N/A	VACUUM PUMP EXHAUST	C12	NO CHANGE	NO
35-002-OPN-78 DAYLIGHT	N/A	VACUUM PUMP EXHAUST	C12	NO CHANGE	NO
35-002-OPN-79 DAYLIGHT	1SD5	LABORATORY	A128	REMOVE/REPIPE	YES
	1SD21	LABORATORY	A129	REMOVE/REPIPE	
	1SD22	LABORATORY	A129	REMOVE/REPIPE	

TABLE 4: TA 35-7 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-007-OPN-1 DAYLIGHT	N/A	CONTROLLED AIR FLTR BLDG FIRE DRAIN	N/A	ELIMINATE	NO
35-007-OPN02 SANITARY	1FD1	CONTR. AIR FLTR BLDG.	N/A	ELIMINATE	NO
	1FD2	CONTR. AIR FLTR BLDG.	N/A	ELIMINATE	
	1FD3	CONTR. AIR FLTR BLDG.	N/A	ELIMINATE	
	1FD4	CONTR. AIR FLTR BLDG.	N/A	ELIMINATE	
	1FD5	CONTR. AIR FLTR BLDG.	N/A	ELIMINATE	
	1FD6	CONTR. AIR FLTR BLDG.	N/A	ELIMINATE	
	1FD7	CONTR. AIR FLTR BLDG.	N/A	ELIMINATE	
	1FD8	CONTR. AIR FLTR BLDG.	N/A	ELIMINATE	
	1FD9	CONTR. AIR FLTR BLDG.	N/A	ELIMINATE	
	1FD10	CONTR. AIR FLTR BLDG.	N/A	ELIMINATE	
	1FD11	CONTR. AIR FLTR BLDG.	N/A	ELIMINATE	
	1FD12	CONTR. AIR FLTR BLDG.	N/A	ELIMINATE	
	1FD13	CONTR. AIR FLTR BLDG.	N/A	ELIMINATE	
	1FD14	CONTR. AIR FLTR BLDG.	N/A	ELIMINATE	
	1FD15	CONTR. AIR FLTR BLDG.	N/A	ELIMINATE	
	1FD16	CONTR. AIR FLTR BLDG.	N/A	ELIMINATE	
	1FD17	CONTR. AIR FLTR BLDG.	N/A	ELIMINATE	
	1FD18	CONTR. AIR FLTR BLDG.	N/A	ELIMINATE	
	1FD19	CONTR. AIR FLTR BLDG.	N/A	ELIMINATE	
	1FD20	CONTR. AIR FLTR BLDG.	N/A	ELIMINATE	
	1FD21	CONTR. AIR FLTR BLDG.	N/A	ELIMINATE	
1SD1	CONTR. AIR FLTR BLDG.	N/A	ELIMINATE		
35-007-OPN-3 DAYLIGHT	N/A	CONTROLLED AIR FLTR BLDG FIRE DRAIN	N/A	ELIMINATE	NO
35-007-OPN-4 DAYLIGHT	N/A	CONTROLLED AIR FLTR BLDG FIRE DRAIN	N/A	ELIMINATE	NO
35-007-OPN-5 DAYLIGHT	N/A	CONTROLLED AIR FLTR BLDG FIRE HOSE CONN	N/A	ELIMINATE	NO
35-007-OPN-6 DAYLIGHT	N/A	CONTROLLED AIR FLTR BLDG STORM WATER	N/A	ELIMINATE	NO

TABLE 5: TA 35-25 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-025-OPN-1 DAYLIGHT	N/A	MACHINE SHOP PRV	N/A	NOI	NO
35-025-OPN-2 DAYLIGHT	N/A	ELECTRICAL TRANSFORMER VENT	N/A	NO CHANGE	NO
35-025-OPN-3 DAYLIGHT	N/A	MACHINE SHOP ROOF DOWNSPOUT	ROOF	NO CHANGE	NO

## TABLE 6: TA 35-27 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-027-OPN-01 SANITARY	BLV1	RESTROOM	206	NO CHANGE	NO
	BTL1	RESTROOM	206	NO CHANGE	
	BUR1	RESTROOM	206	NO CHANGE	
	BWF1	CORRIDOR	100	PLUGGED	
	BWF2	HALLWAY	200	NO CHANGE	
	SBFD1	STORAGE AREA	N/A	PLUG	
	SBFD2	STORAGE AREA	N/A	PLUG	
	SBFD3	STORAGE AREA	N/A	PLUG	
	SBFD4	STORAGE AREA	N/A	PLUG	
	SBFD7	RESTROOM	408	NO CHANGE	
	SBFD8	HALLWAY	414	PLUGGED	
	SBFD10	STORAGE AREA	N/A	PLUGGED	
	SBFD11	STORAGE AREA	N/A	PLUGGED	
	SBLV1	RESTROOM	408	NO CHANGE	
	SBLV2	RESTROOM	405L	NO CHANGE	
	SBLV3	RESTROOM	405L	NO CHANGE	
	SBSD3	JANITOR'S CLOSET	406	LABEL	
	SBSH1	RESTROOM	408	NO CHANGE	
	SBSH2	RESTROOM	405L	NO CHANGE	
	SBSP1	JANITOR'S CLOSET	406	LABEL	
	SBTL1	RESTROOM	408	NO CHANGE	
	SBTL2	RESTROOM	405L	NO CHANGE	
	SBTL3	RESTROOM	405L	NO CHANGE	
	SBUR1	RESTROOM	405L	NO CHANGE	
	SBWF1	HALLWAY	414	NO CHANGE	
	35-027-OPN-02 SANITARY	1CD1	CONTROLLED LAB	104A	
1CD2		CONTROLLED LAB	104B		
1CD3		CONTROLLED LAB	104B		
1FD1		EQUIPMENT ROOM	107	NO CHANGE	
1FD2		EQUIPMENT ROOM	107	CONTAINERIZE AIR EQUIPMENT	
1FD3		EQUIPMENT ROOM	106	NO CHANGE	
1FD4		EQUIPMENT ROOM	106	NO CHANGE	
1FD5		EQUIPMENT ROOM	107	NO CHANGE	
1FD6		EQUIPMENT ROOM	107	CONTAINERIZE ENGINE/BATTERY	
1FD7		EQUIPMENT ROOM	107	NO CHANGE	
1FD8		EQUIPMENT ROOM	107	NO CHANGE	
1FD9		EQUIPMENT ROOM	107	NO CHANGE	
1FD10		EQUIPMENT ROOM	107	NO CHANGE	
1FD11		EQUIPMENT ROOM	107	NO CHANGE	
1FD12	EQUIPMENT ROOM	107	NO CHANGE		

TABLE 6: TA 35-27 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-027-OPN-2 SANITARY	1FD13	EQUIPMENT ROOM	107	NO CHANGE	NO
	1FD14	EQUIPMENT ROOM	108	PLUGGED	
	1FD15	EQUIPMENT ROOM	107	NO CHANGE	
	1FD16	EQUIPMENT ROOM	107	CONTAINERIZE PUMP	
	1FD19	CORRIDOR	109	NO CHANGE	
	BSD1	JANITOR'S CLOSET	208	LABEL	
	SBFD5	CORRIDOR	405	NO CHANGE	
	SBFD6	OFFICE AREA	405I	NO CHANGE	
	SBFD13	OFFICE AREA	405J	NO CHANGE	
	SBSD2	OFFICE AREA	405H	LABEL	
	SBSP2	CORRIDOR	413	RELABEL AS SAN.SEWER SUMP OR ELIMINATE AND REPIPE INFLUENT TO SBSP1	
35-027-OPN-3 SANITARY	1FD17	RESTROOM	109A	PLUGGED	NO
	1FD18	CORRIDOR	109	PLUGGED	
	1LV1	RESTROOM	109A	NO CHANGE	
	1LV2	RESTROOM	109B	NO CHANGE	
	1TL1	RESTROOM	109A	NO CHANGE	
	1TL2	RESTROOM	109A	NO CHANGE	
	1TL3	RESTROOM	109B	NO CHANGE	
	1TL4	RESTROOM	109B	NO CHANGE	
	1UR1	RESTROOM	109A	NO CHANGE	
	1WF1	CORRIDOR	109	NO CHANGE	
	1WF2	CORRIDOR	105	NO CHANGE	
35-027-OPN-4 DAYLIGHT	N/A	EQUIPMENT ROOM STEAM VENT DRAIN	107	NOI	NO
35-027-OPN-5 DAYLIGHT	N/A	EQUIPMENT ROOM FIRE WATER	107	NOI	NO
35-027-OPN-6 DAYLIGHT	N/A	EQUIPMENT ROOM FIRE WATER	107	NOI	NO
35-027-OPN-7 DAYLIGHT	N/A	EQUIPMENT ROOM CONDENSED WATER	104C	NOI	NO
35-027-OPN-8 DAYLIGHT	N/A	EQUIPMENT ROOM PRV	107	NOI	NO
35-027-OPN-9 DAYLIGHT	N/A	ROOF STORM WATER	ROOF	NO CHANGE	NO
35-027-OPN-10 DAYLIGHT	N/A	ROOF STORM WATER	ROOF	NO CHANGE	NO
35-027-OPN-11 DAYLIGHT	N/A	EQUIPMENT ROOM FIRE WATER	106	NOI	NO
35-027-OPN-12 DAYLIGHT	N/A	EQUIPMENT ROOM BACKFLOW PREVENTER	104C	NOI	NO
35-027-OPN-13 DAYLIGHT	N/A	EQUIPMENT ROOM FIRE WATER	104C	NOI	NO

TABLE 7: TA 35-29 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-029-OPN-1 DAYLIGHT	RD1	ROOF	ROOF	NO CHANGE	NO
	RD2	ROOF	ROOF	NO CHANGE	
	RD3	ROOF	ROOF	NO CHANGE	
35-029-OPN-2 SANITARY	1PD1	EQUIPMENT AREA	N/A	PLUG	NO
	SBFD1	HALLWAY	N/A	PLUG	
	SBFD2	HALLWAY	N/A	PLUG	
	SBSP1	HALLWAY	N/A	ELIMINATE OR DEACTIVATE	
35-029-OPN-3 DAYLIGHT	N/A	EQUIP AREA HOT WATER PRESSURE RELIEF VALVE	N/A	NOI	NO
35-029-OPN-4 DAYLIGHT	N/A	EQUIPMENT AREA FIRE WATER	N/A	NOI	NO
35-029-OPN-5 DAYLIGHT	N/A	EQUIPMENT AREA FIRE WATER	N/A	NOI	NO
35-029-OPN-6 DAYLIGHT	N/A	EQUIPMENT AREA BACKFLOW PREVENTERS (2)	N/A	NOI	NO
35-029-OPN-7 DAYLIGHT	N/A	EQUIPMENT AREA FIRE HOSE CONNECT	N/A	NOI	NO
35-029-OPN-8 DAYLIGHT	N/A	EQUIPMENT AREA FIRE WATER	N/A	NOI	NO
35-029-OPN-9 SANITARY	1SD1	EQUIPMENT AREA	N/A	LABEL	NO
	1SD2	EQUIPMENT AREA	N/A	PLUGGED	

TABLE 8: TA 35-33 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-033-OPN-1 DAYLIGHT	N/A	UNUSED COOLING TOWER BLOWDOWN	N/A	ELIMINATE	NO
35-033-OPN-2 DAYLIGHT	N/A	UNUSED COOLING TOWER DRAIN	N/A	ELIMINATE	NO

TABLE 9: TA 35-34 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-034-OPN-1 DAYLIGHT	RD1	ROOF	ROOF	NO CHANGE	NO
	RD2	ROOF	ROOF	NO CHANGE	
	RD3	ROOF	ROOF	NO CHANGE	
35-034-OPN-2 DAYLIGHT	N/A	AIR COMPRESSOR VENT	100	NO CHANGE	NO
35-034-OPN-3 DAYLIGHT	N/A	BACKFLOW PREVENTER	100	MODIFY	NO
35-034-OPN-4 DAYLIGHT	N/A	ABANDONED PIPE	102	ELIMINATE	NO
35-034-OPN-5 DAYLIGHT	WH	EQUIPMENT ROOM	103	NOI	NO
35-034-OPN-6 DAYLIGHT	1ED4	EQUIPMENT ROOM	103	CAPPED	NO
	1ED5	EQUIPMENT ROOM	103	CAPPED	
35-034-OPN-7 SANITARY	1FD1	CONTROLLED EQUIP RM	100	PLUG	NO
	1FD2	CONTROLLED EQUIP RM	100	PLUG	
	1FD3	CONTROLLED EQUIP RM	100	PLUG	
	1ED1	CONTROLLED EQUIP RM	100	CONTROLLED AREA-- PLUG, REPIPE, OR CHANGE STATUS LABEL	
	1ED2	CONTROLLED EQUIP RM	100		
	1ED3	CONTROLLED EQUIP RM	100		
	WH	CONTROLLED EQUIP RM	100		
	1SD1	EQUIPMENT ROOM	103		

TABLE 10: TA 35-35 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-035-OPN-2 SANITARY	1FD1	CONTROL TUNNEL	N/A	PLUG	NO

TABLE 11: TA 35-46 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-046-OPN-1 SANITARY	1FD6	EQUIPMENT ROOM	108	VERIFY & PLUG	NO
	1FD7	EQUIPMENT ROOM	108	CONTAINERIZE AIR EQUIPMENT	
	1FD8	EQUIPMENT ROOM	108	CONTAINERIZE OILY PUMP & PLUG	
35-046-OPN-2 DAYLIGHT	N/A	EQUIPMENT ROOM FIRE WATER	108	NOI	NO
35-046-OPN-3 DAYLIGHT	N/A	EQUIPMENT ROOM FIRE WATER	108	NOI	NO
35-046-OPN-4 DAYLIGHT	N/A	EQUIPMENT ROOM FIRE HOSE CONNECT	108	NOI	NO
35-046-OPN-5 DAYLIGHT	N/A	EQUIPMENT ROOM FIRE WATER	108	NOI	NO
35-046-OPN-6 DAYLIGHT	N/A	EQUIPMENT ROOM FIRE WATER	108	NOI	NO
35-046-OPN-7 DAYLIGHT	BFP	EQUIPMENT ROOM BACKFLOW PREVENTER	100	NOI	NO
35-046-OPN-8 DAYLIGHT	WH	EQUIPMENT ROOM HOT WATER PRESSURE RELIEF	100	NOI	NO
35-046-OPN-9 DAYLIGHT	N/A	EQUIPMENT ROOM FIRE WATER	100	NOI	NO
35-046-OPN-10 SANITARY	1FD1	OFFICE AREA	100	VERIFY & PLUG	NO
	1FD2	OFFICE AREA	100	VERIFY & PLUG	
	1FD3	OFFICE AREA	100	VERIFY & PLUG	
	1FD4	LASER LABORATORY	101	VERIFY & PLUG	
	1FD5	RESTROOM	N/A	NO CHANGE	
	1LV1	RESTROOM	N/A	NO CHANGE	
	1SD1	EQUIPMENT ROOM	100	LABEL	
	1TL1	RESTROOM	N/A	NO CHANGE	
	1UR1	RESTROOM	N/A	NO CHANGE	
35-046-OPN-11 DAYLIGHT	N/A	BACKFLOW PREVENTER	103	NOI	NO

TABLE 12: TA 35-67 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-067-OPN-1 DAYLIGHT	1ED1	EQUIPMENT ROOM FIRE BLOWDOWN	N/A	NOI	NO
35-067-OPN-2 DAYLIGHT	BFP	EQUIPMENT ROOM BACKFLOW PREVENTER	N/A	NOI	NO
35-067-OPN-3 SANITARY	1FD1	EQUIPMENT ROOM	N/A	NO CHANGE	NO
	1SD1	EQUIPMENT ROOM	N/A	LABEL	
35-067-OPN-4 DAYLIGHT	WH	EQUIPMENT ROOM PRESSURE RELIEF VALVE	N/A	NOI	NO
35-067-OPN-5 DAYLIGHT	N/A	EQUIPMENT ROOM FIRE WATER	N/A	NOI	NO
35-067-OPN-6 DAYLIGHT	N/A	EQUIPMENT ROOM FIRE WATER	N/A	NOI	NO
35-067-OPN-7 DAYLIGHT	N/A	EQUIPMENT ROOM AIR COMPRESSOR DRAIN	N/A	CONTAINERIZE	NO
35-067-OPN-8 DAYLIGHT	N/A	EQUIPMENT ROOM COMPRESSED AIR DRAIN	N/A	CONTAINERIZE	NO
35-067-OPN-9 DAYLIGHT	N/A	EQUIPMENT ROOM PRESSURE RELIEF VALVE	N/A	NOI	NO
35-067-OPN-10 DAYLIGHT	N/A	EQUIPMENT ROOM FIRE WATER	N/A	NOI	NO
35-067-OPN-11 DAYLIGHT	N/A	EQUIPMENT ROOM FIRE HOSE CONNECT	N/A	NOI	NO
35-067-OPN-12 DAYLIGHT	N/A	EQUIPMENT ROOM DISCONNECTED PIPE	N/A	ELIMINATE	NO
35-067-OPN-13 DAYLIGHT	N/A	EQUIPMENT ROOM FIRE WATER	N/A	NOI	NO
35-067-OPN-14 DAYLIGHT	N/A	ROOF DOWNSPOUT	ROOF	NO CHANGE	NO
35-067-OPN-15 DAYLIGHT	N/A	ROOF DOWNSPOUT	ROOF	NO CHANGE	NO
35-067-OPN-16 DAYLIGHT	N/A	EQUIPMENT ROOM VENT DUCT	N/A	NO CHANGE	NO
35-067-OPN-17 DAYLIGHT	N/A	EQUIPMENT ROOM FIRE WATER	N/A	NOI	NO
35-067-OPN-18 DAYLIGHT	N/A	EQUIPMENT ROOM DISCONNECTED PIPE	N/A	ELIMINATE	NO
35-067-OPN-19 DAYLIGHT	N/A	EQUIPMENT ROOM AIRLINE	N/A	CONTAINERIZE	NO
	N/A	BACKFLOW PREVENTER	N/A	NOI	
35-067-OPN-20 DAYLIGHT	N/A	EQUIPMENT ROOM	N/A	NO CHANGE	NO

TABLE 13: TA 35-68 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-068-OPN-1 DAYLIGHT	RD1	ROOF	ROOF	NO CHANGE	NO
35-068-OPN-2 DAYLIGHT	N/A	DISCONNECTED PIPE	N/A	ELIMINATE	NO
35-068-OPN-3 DAYLIGHT	RD2	ROOF	ROOF	NO CHANGE	NO
	RD3	ROOF	ROOF	NO CHANGE	
	RD3	ROOF	ROOF	NO CHANGE	
	RD4	ROOF	ROOF	NO CHANGE	
35-068-OPN-4 DAYLIGHT	RD8	ROOF	ROOF	NO CHANGE	NO
	RD9	ROOF	ROOF	NO CHANGE	
35-068-OPN-5 DAYLIGHT	RD7	ROOF	ROOF	NO CHANGE	NO
35-068-OPN-6 SANITARY	1FD1	EQUIPMENT ROOM	118	NO CHANGE	NO
	1LV1	RESTROOM	116	NO CHANGE	
	1LV2	RESTROOM	112	NO CHANGE	
	1SD1	OFFICE AREA	120	LABEL	
	1SD2	JANITOR'S CLOSET	114	LABEL	
	1TL1	RESTROOM	116	NO CHANGE	
	1TL2	RESTROOM	112	NO CHANGE	
	1UR1	RESTROOM	116	NO CHANGE	
	1WF1	HALLWAY	120	NO CHANGE	
	WH	EQUIPMENT ROOM	118	NO CHANGE	

TABLE 14: TA 35-85 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-085-OPN-1 DAYLIGHT	N/A	ROOF DOWNSPOUT	ROOF	NO CHANGE	NO
35-085-OPN-2 DAYLIGHT	N/A	EQUIPMENT ROOM FIRE WATER	103	NOI	NO
35-085-OPN-3 DAYLIGHT	RD1	ROOF STORM WATER	ROOF	NO CHANGE	NO
35-085-OPN-4 DAYLIGHT	RD2	ROOF STORM WATER	ROOF	NO CHANGE	NO
35-085-OPN-5 DAYLIGHT	RD3	ROOF STORM WATER	ROOF	NO CHANGE	NO

TABLE 14: TA 35-85 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-085-OPN-6 DAYLIGHT	RD4	ROOF STORM WATER	ROOF	NO CHANGE	NO
35-085-OPN-7 DAYLIGHT	RD5	ROOF STORM WATER	ROOF	NO CHANGE	NO
35-085-OPN-8 DAYLIGHT	RD6	ROOF STORM WATER	ROOF	NO CHANGE	NO
35-085-OPN-9 DAYLIGHT	N/A	EQUIPMENT ROOM FIRE WATER	115	NOI	NO
35-085-OPN-10 DAYLIGHT	N/A	EQUIPMENT ROOM FIRE HOSE CONNECT	115	NOI	NO
35-085-OPN-11 DAYLIGHT	N/A	EQUIPMENT ROOM FIRE WATER	115	NOI	NO
35-085-OPN-12 DAYLIGHT	N/A	ROOF DOWNSPOUT	ROOF	NO CHANGE	NO
35-085-OPN-13 DAYLIGHT	N/A	ROOF DOWNSPOUT	ROOF	NO CHANGE	NO
35-085-OPN-14 DAYLIGHT	RD8	ROOF	ROOF	NO CHANGE	NO
35-085-OPN-15 DAYLIGHT	RD7	ROOF	ROOF	NO CHANGE	NO
35-085-OPN-16 DAYLIGHT	N/A	LASER ROOM AIR COOLER DRAIN	102B	NOI	NO
35-085-OPN-17 DAYLIGHT	N/A	LASER ROOM WATER FILTER DRAIN	102B	NOI	NO
35-085-OPN-18 DAYLIGHT	N/A	LASER ROOM AIR COOLER LINE DRAIN	102B	NOI	NO
35-085-OPN-19 DAYLIGHT	N/A	EQUIPMENT ROOM AIR COOLER DRAIN	100B	NOI	NO
35-085-OPN-20 DAYLIGHT	1WH1	EQUIPMENT ROOM HOT WATER PRESSURE RELIEF	100A	NOI	NO
35-085-OPN-21 SANITARY	1SD1	LASER LABORATORY	100A	LABEL	NO
	1SD2	LASER LABORATORY	100A	LABEL	
35-085-OPN-22 DAYLIGHT	N/A	LASER LABORATORY	100A	NO CHANGE	NO
35-085-OPN-23 DAYLIGHT	N/A	ROOF DOWNSPOUT	ROOF	NO CHANGE	NO
35-085-OPN-24 DAYLIGHT	N/A	LASER LABORATORY GAS CYLINDER CONNECTION	108	NO CHANGE	NO
35-085-OPN-25 DAYLIGHT	N/A	LASER LABORATORY INSULATING OIL	106	MODIFY	NO

TABLE 14: TA 35-85 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-085-OPN-26 DAYLIGHT	N/A	D.I. WATER TANK DRAIN	N/A	NOI	NO
35-085-OPN-27 DAYLIGHT	N/A	D.I. WATER TANK DRAIN	N/A	NOI	NO
35-085-OPN-28 DAYLIGHT	N/A	D.I. WATER TANK DRAIN	N/A	NOI	NO
35-085-OPN-29 SANITARY	1FD1	LASER LABORATORY	108	PLUG AND CONTAINERIZE OILY EQUIPMENT	NO
	1FD2	LASER LABORATORY	106	PLUG AND CONTAINERIZE OILY EQUIPMENT	
	1FD3	EQUIPMENT ROOM	115	CONTAINERIZE AIR EQUIPMENT	
	1FD4	EQUIPMENT ROOM	115	NO CHANGE	
	1FD5	EQUIPMENT ROOM	115	NO CHANGE	
	1FD6	EQUIPMENT ROOM	115	NO CHANGE	
	1FD7	LASER LABORATORY	106	PLUG	
	1FD8	LASER LABORATORY	102B	NO CHANGE	
	1FD9	LASER LABORATORY	106	NO CHANGE	
	1FD10	LASER LABORATORY	106	NO CHANGE	
	1FS2	JANITOR'S CLOSET	110	LABEL	
	1LV1	RESTROOM	112	NO CHANGE	
	1LV2	RESTROOM	113	NO CHANGE	
	1TL1	RESTROOM	112	NO CHANGE	
	1TL2	RESTROOM	112	NO CHANGE	
1TL3	RESTROOM	113	NO CHANGE		
1WF1	CONFERENCE ROOM	114	NO CHANGE		

TABLE 15: TA 35-86 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-086-OPN-1 DAYLIGHT	RD3	ROOF STORM WATER	ROOF	NO CHANGE	NO
35-086-OPN-2 DAYLIGHT	RD4	ROOF STORM WATER	ROOF	NO CHANGE	NO
35-086-OPN-3 DAYLIGHT	RD9	ROOF STORM WATER	ROOF	NO CHANGE	NO

TABLE 15: TA 35-86 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-086-OPN-4 DAYLIGHT	RD8	ROOF STORM WATER	ROOF	NO CHANGE	NO
35-086-OPN-5 DAYLIGHT	RD5	ROOF	ROOF	NO CHANGE	NO
	RD6	ROOF	ROOF	NO CHANGE	
	RD7	ROOF	ROOF	NO CHANGE	
35-086-OPN-6 DAYLIGHT	RD1	ROOF	ROOF	NO CHANGE	NO
	RD2	ROOF	ROOF	NO CHANGE	
35-086-OPN-7 DAYLIGHT	N/A	LASER BAY FIRE WATER	100	NOI	NO
35-086-OPN-8 DAYLIGHT	N/A	LASER LABORATORY BACKFLOW PREVENTER	104	NOI	NO
35-086-OPN-9 DAYLIGHT	N/A	MACHINE SHOP FIRE WATER	105	NOI	NO
35-086-OPN-10 SANITARY	1BFP1	HALLWAY	212	NO CHANGE	NO
	1FD1	EQUIPMENT ROOM	206	CONTAINERIZE AIR EQUIPMENT	
	1FD2	EQUIPMENT ROOM	207	NO CHANGE	
	1FD3	EQUIPMENT ROOM	208	NO CHANGE	
	1LV1	RESTROOM	209	NO CHANGE	
	1LV2	RESTROOM	211	NO CHANGE	
	1SD1	CONFERENCE ROOM	202	LABEL	
	1SD2	JANITOR'S CLOSET	212	LABEL	
	1TL1	RESTROOM	209	NO CHANGE	
	1TL2	RESTROOM	209	NO CHANGE	
	1TL3	RESTROOM	211	NO CHANGE	
	1UR1	RESTROOM	209	NO CHANGE	
	1WF1	STAIRWELL	N/A	NO CHANGE	
	1WF2	HALLWAY	200B	NO CHANGE	
	BEW1	MACHINE SHOP	103	NO CHANGE	
	BFD1	LASER BAY	100	PLUGGED	
	BFD2	LASER BAY	100	PLUGGED	
	BFD3	STAIRWELL/BREAK AREA	103	PLUG	
	BFD4	MACHINE SHOP	103	PLUG	
	BFD5	MACHINE SHOP	103	PLUG	
	BED1	LASER BAY	100	PLUG	
	BED2	LASER BAY	100	PLUG	
	BED3	LASER LABORATORY	101	PLUG	
BSD1	MACHINE SHOP	105	LABEL		

TABLE 15: TA 35-86 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-086-OPN-11 DAYLIGHT	N/A	GLYCOL-BASED COOLING UNIT DRAIN	N/A	CONTAINERIZE	NO
35-086-OPN-12 DAYLIGHT	N/A	GLYCOL-BASED COOLING UNIT DRAIN	N/A	CONTAINERIZE	NO
35-086-OPN-13 DAYLIGHT	N/A	GLYCOL-BASED COOLING UNIT DRAIN	N/A	CONTAINERIZE	NO
35-086-OPN-14 DAYLIGHT	N/A	GLYCOL-BASED COOLING UNIT DRAIN	N/A	CONTAINERIZE	NO
35-086-OPN-15 DAYLIGHT	N/A	GLYCOL-BASED COOLING UNIT DRAIN	N/A	CONTAINERIZE	NO
35-086-OPN-16 DAYLIGHT	N/A	GLYCOL-BASED COOLING UNIT DRAIN	N/A	CONTAINERIZE	NO
35-086-OPN-17 DAYLIGHT	N/A	EQUIPMENT ROOM FIRE WATER	207	N.O.I.	NO
35-086-OPN-18 DAYLIGHT	N/A	EQUIPMENT ROOM FIRE WATER	207	N.O.I.	NO

TABLE 16: TA 35-88 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-088-OPN-1 SANITARY	1FD1	FIRE PUMP HOUSE	101A	UNPLUG DRAIN, CONTAINERIZE WASTE BARREL	NO
	1FD2	FIRE PUMP HOUSE	101A	UNPLUG DRAIN, CONTAINERIZE DIESEL ENGINE, BATTERY, FUEL TANK & AIR EQUIPMENT	
35-088-OPN-2 DAYLIGHT	N/A	FIRE SYSTEM DRAIN	101	NOI	NO
35-088-OPN-3 DAYLIGHT	N/A	FIRE PUMP HOUSE FIRE HOSE CONNECTION	101	NOI	NO
35-088-OPN-4 DAYLIGHT	N/A	FIRE PUMP HOUSE ROOF DOWNSPOUT	ROOF	NO CHANGE	NO
35-088-OPN-5 DAYLIGHT	N/A	FIRE PUMP HOUSE FIRE WATER	101A	NOI	NO

TABLE 17: TA 35-110 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-110-OPN-1 DAYLIGHT	N/A	ROOF DOWNSPOUT	ROOF	NO CHANGE	NO
35-110-OPN-2 DAYLIGHT	N/A	HEATER CLOSET CONDENSED WATER	103	NOI	NO
35-110-OPN-3 SANITARY	1SD1	RESTROOM	103	NO CHANGE	NO
	1SD2	RESTROOM	101	NO CHANGE	
	1TL1	RESTROOM	103	NO CHANGE	
	1TL2	RESTROOM	101	NO CHANGE	
	1UR1	RESTROOM	103	NO CHANGE	
	1WF1	HALLWAY	101	NO CHANGE	
35-110-OPN-4 DAYLIGHT	1WH1	HEATER CLOSET HOT WATER PRESSURE RELIEF	101	NOI	NO
35-110-OPN-5 DAYLIGHT	N/A	HEATER CLOSET CONDENSED WATER	101	NOI	NO
35-110-OPN-6 DAYLIGHT	N/A	STORM WATER	ROOF	NO CHANGE	NO
35-110-OPN-7 DAYLIGHT	N/A	STORM WATER	N/A	NO CHANGE	NO
35-110-OPN-8 DAYLIGHT	N/A	STORM WATER	N/A	NO CHANGE	NO

TABLE 18: TA 35-114 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-114-OPN-1 DAYLIGHT	N/A	ROOF DOWNSPOUT	ROOF	NO CHANGE	NO
35-114-OPN-2 DAYLIGHT	N/A	HEATER CLOSET CONDENSED WATER	107	NOI	NO
35-114-OPN-3 SANITARY	1SD1	RESTROOM	107	NO CHANGE	NO
	1SD2	RESTROOM	104	NO CHANGE	
	1TL1	RESTROOM	107	NO CHANGE	
	1TL2	RESTROOM	104	NO CHANGE	
	1UR1	RESTROOM	107	NO CHANGE	
	1WF1	HALLWAY	100	NO CHANGE	
35-114-OPN-4 DAYLIGHT	1WH1	HEATER CLOSET HOT WATER PRESSURE RELIEF	104	NOI	NO

**TABLE 18: TA 35-114 DRAIN SUMMARY**

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-114-OPN-5 DAYLIGHT	N/A	HEATER CLOSET CONDENSED WATER	104	NOI	NO
35-114-OPN-6 DAYLIGHT	N/A	ROOF DOWNSPOUT	ROOF	NO CHANGE	NO
35-114-OPN-7 DAYLIGHT	N/A	STORM WATER	N/A	NO CHANGE	NO
35-114-OPN-8 DAYLIGHT	N/A	STORM WATER	N/A	NO CHANGE	NO

**TABLE 19: TA 35-129 DRAIN SUMMARY**

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-129-OPN-1 DAYLIGHT	N/A	FIRE WATER TANK DRAIN	N/A	NOI	NO
35-129-OPN-2 DAYLIGHT	N/A	FIRE WATER TANK OVERFLOW	N/A	NOI	NO

**TABLE 20: TA 35-157 DRAIN SUMMARY**

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-157-OPN-1 DAYLIGHT	N/A	GLYCOL BASED COOLING UNIT DRAIN	N/A	CONTAINERIZE	NO
35-157-OPN-2 DAYLIGHT	N/A	GLYCOL BASED COOLING UNIT DRAIN	N/A	CONTAINERIZE	NO
35-157-OPN-3 DAYLIGHT	N/A	GLYCOL BASED COOLING UNIT DRAIN	N/A	CONTAINERIZE	NO
35-157-OPN-4 DAYLIGHT	N/A	GLYCOL BASED COOLING UNIT DRAIN	N/A	CONTAINERIZE	NO
35-157-OPN-5 DAYLIGHT	N/A	GLYCOL BASED COOLING UNIT DRAIN	N/A	CONTAINERIZE	NO
35-157-OPN-6 DAYLIGHT	N/A	GLYCOL BASED COOLING UNIT DRAIN	N/A	CONTAINERIZE	NO
35-157-OPN-7 DAYLIGHT	N/A	GLYCOL BASED COOLING UNIT DRAIN	N/A	CONTAINERIZE	NO
35-157-OPN-8 DAYLIGHT	N/A	GLYCOL BASED COOLING UNIT DRAIN	N/A	CONTAINERIZE	NO
35-157-OPN-9 DAYLIGHT	N/A	GLYCOL BASED COOLING UNIT DRAIN	N/A	CONTAINERIZE	NO

TABLE 21: TA 35-159 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-159-OPN-1 DAYLIGHT	N/A	INSULATING OIL TANK CONTAINMENT DRAIN	N/A	INSTALL LOCKING MECHANISMS	NO
35-159-OPN-2 DAYLIGHT	N/A	INSULATING OIL TANK CONTAINMENT OVERFLOW	N/A	ELIMINATE	NO

TABLE 22: TA 35-170 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-170-OPN-1 DAYLIGHT	N/A	CARBON DIOXIDE TANK MANIFOLD DRAIN	N/A	NO CHANGE	NO

TABLE 23: TA 35-186 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-186-OPN-1 DAYLIGHT	N/A	HEATER CLOSET CONDENSED WATER	108	NOI	NO
35-186-OPN-2 SANITARY	1SD1	RESTROOM	109	NO CHANGE	NO
	1SD2	RESTROOM	109	NO CHANGE	
	1SD3	RESTROOM	106	NO CHANGE	
	1SD4	RESTROOM	106	NO CHANGE	
	1TL1	RESTROOM	109	NO CHANGE	
	1TL2	RESTROOM	109	NO CHANGE	
	1TL3	RESTROOM	106	NO CHANGE	
	1TL4	RESTROOM	106	NO CHANGE	
	1UR1	RESTROOM	109	NO CHANGE	
	1WF1	HALLWAY	100	NO CHANGE	
35-186-OPN-3 DAYLIGHT	WH	HEATER CLOSET HOT WATER PRESSURE RELIEF	106	NOI	NO
35-186-OPN-4 DAYLIGHT	N/A	HEATER CLOSET CONDENSED WATER	107	NOI	NO

TABLE 24: TA 35-188 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-188-OPN-1 DAYLIGHT	RD1	ROOF STORM WATER	ROOF	NO CHANGE	NO
35-188-OPN-2 DAYLIGHT	RD2	ROOF STORM WATER	ROOF	NO CHANGE	NO
35-188-OPN-3 DAYLIGHT	N/A	FIRE SYSTEM DRAIN	N/A	NOI	NO
35-188-OPN-4 DAYLIGHT	N/A	AIR COMPRESSOR DRAIN	N/A	CONTAINERIZE	NO
35-188-OPN-5 DAYLIGHT	N/A	AIR COMPRESSOR DRAIN	N/A	CONTAINERIZE	NO
35-188-OPN-6 DAYLIGHT	WH	WATER HEATER PRV	N/A	NOI	NO
35-188-OPN-7 SANITARY	1FD1	RESTROOM	N/A	MODIFY	NO
	1FD2	MACHINE SHOP	N/A	CONTAINERIZE AIR EQUIPMENT & PLUG	
	1FD3	MACHINE SHOP	N/A	NO CHANGE	
	1SD1	RESTROOM	N/A	NO CHANGE	
	1SD2	HALLWAY	N/A	LABEL	
	1TL1	RESTROOM	N/A	NO CHANGE	
	1UR1	RESTROOM	N/A	NO CHANGE	
	1WF1	HALLWAY	N/A	NO CHANGE	
35-188-OPN-8 DAYLIGHT	N/A	FIRE DRAIN	N/A	NOI	NO

TABLE 25: TA 35-189 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-189-OPN-1 SANITARY	1EW1	LASER LABORATORY	103	PLUGGED	NO
	1FD1	RESTROOM	107	PLUG	
	1FD2	LASER LABORATORY	101	VERIFY & PLUG	
	1FD3	LASER LABORATORY	101	PLUG	
	1FD4	LASER LABORATORY	102	PLUG	
	1FD5	LASER LABORATORY	102	PLUG	
	1FD6	LASER LABORATORY	103	PLUG	
	1FD7	FOYER	104	PLUG	
	1FD8	FOYER	106	VERIFY & PLUG	
	1FD9	EQUIPMENT ROOM	108	NO CHANGE	

TABLE 25: TA 35-189 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-189-OPN-1 SANITARY CONTINUED	1FS1	EQUIPMENT ROOM	108	CONTAINERIZE PUMP	
	1LV1	RESTROOM	107	NO CHANGE	
	1ED1	EQUIPMENT ROOM	108	NO CHANGE	
	1SD1	LASER LABORATORY	103	PLUGGED	
	1SD2	FOYER	106	LABEL	
	1TL1	RESTROOM	107	NO CHANGE	
	1UR1	RESTROOM	107	NO CHANGE	
	1WF1	FOYER	106	NO CHANGE	
	WH	EQUIPMENT ROOM	108	NO CHANGE	
35-189-OPN-2 DAYLIGHT	RD1	ROOF	ROOF	NO CHANGE	NO
	RD2	ROOF	ROOF	NO CHANGE	
35-189-OPN-3 DAYLIGHT	RD3	ROOF	ROOF	NO CHANGE	NO
	RD4	ROOF	ROOF	NO CHANGE	
35-189-OPN-4 DAYLIGHT	N/A	ROOF DOWNSPOUT	ROOF	NO CHANGE	NO
35-189-OPN-5 DAYLIGHT	N/A	ROOF DOWNSPOUT	ROOF	NO CHANGE	NO
35-189-OPN-6 DAYLIGHT	N/A	LASER LABORATORY FIRE WATER	102	NOI	NO
35-189-OPN-7 DAYLIGHT	N/A	CONDENSATE	101	NOI	NO
35-189-OPN-8 DAYLIGHT	N/A	ROOF DOWNSPOUT	ROOF	NO CHANGE	NO
35-189-OPN-9 DAYLIGHT	N/A	LASER LABORATORY FIRE WATER	102	NOI	NO
35-189-OPN-10 DAYLIGHT	N/A	LASER LABORATORY FIRE WATER	102	NOI	NO
35-189-OPN-11 DAYLIGHT	N/A	ROOF DOWNSPOUT	ROOF	NO CHANGE	NO

TABLE 26: TA 35-207 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-207-OPN-1 SANITARY	1EW1	HALLWAY	100	NO CHANGE	NO
	1FD1	EQUIPMENT ROOM	N/A	CONTAINERIZE AIR EQUIPMENT	
	1FD2	HALLWAY	100	NO CHANGE	
	1LV1	RESTROOM	N/A	NO CHANGE	
	1LV2	RESTROOM	N/A	NO CHANGE	
	1SD1	JANITOR'S CLOSET	N/A	LABEL	
	1SD2	LASER LABORATORY	108	LABEL	
	1SD4	LASER LABORATORY	107	LABEL	
	1SD5	LASER LABORATORY	104	LABEL	
	1TL1	RESTROOM	N/A	NO CHANGE	
	1TL2	RESTROOM	N/A	NO CHANGE	
	1UR1	RESTROOM	N/A	NO CHANGE	
	1WF1	HALLWAY	100	NO CHANGE	
35-207-OPN-2 DAYLIGHT	N/A	LASER LABORATORY FIRE WATER	102	NOI	NO
35-207-OPN-3 DAYLIGHT	N/A	ROOF DOWNSPOUT	ROOF	NO CHANGE	NO
35-207-OPN-4 DAYLIGHT	N/A	EQUIPMENT ROOM FIRE WATER	N/A	NOI	NO
35-207-OPN-5 DAYLIGHT	N/A	EQUIPMENT ROOM FIRE BACKFLOW PREVENTER	N/A	NOI	NO
35-207-OPN-6 DAYLIGHT	N/A	EQUIPMENT ROOM FIRE BACKFLOW PREVENTER	N/A	NOI	NO
35-207-OPN-7 DAYLIGHT	N/A	EQUIPMENT ROOM FIRE WATER	N/A	NOI	NO
35-207-OPN-8 DAYLIGHT	N/A	EQUIPMENT ROOM FIRE WATER	N/A	NOI	NO

TABLE 27: TA 35-218 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-218-OPN-1 DAYLIGHT	1WH1	RESTROOM HOT WATER PRESSURE RELIEF	3	NOI	NO
35-218-OPN-2 SANITARY	1LV1	RESTROOM	3	NO CHANGE	NO
	1TL1	RESTROOM	3	NO CHANGE	
	1WF1	CONFERENCE AREA	2	NO CHANGE	

TABLE 28: TA 35-238 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-238-OPN-1 DAYLIGHT	N/A	TRAILER CONDENSED WATER	N/A	NOI	NO

TABLE 29: TA 35-241 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-241-OPN-1 DAYLIGHT	WH	WATER HEATER PRV	N/A	ELIMINATE	NO
35-241-OPN-2 DAYLIGHT	1SD1	DISCONNECTED SINK DRAIN	N/A	ELIMINATE	NO
	1TL1	DISCONNECTED TOILET	N/A	ELIMINATE	

TABLE 30: TA 35-242 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-242-OPN-1 DAYLIGHT	N/A	TRAILER CONDENSED WATER	N/A	NOI	NO

TABLE 31: TA 35-251 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-251-OPN-1 DAYLIGHT	N/A	TRAILER CONDENSED WATER	N/A	NOI	NO

TABLE 32: TA 35-253 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-253-OPN-1 SANITARY	1SD1	RESTROOM	N/A	NO CHANGE	NO
	1SD2	RESTROOM	N/A	NO CHANGE	
	1TL1	RESTROOM	N/A	NO CHANGE	
	1TL2	RESTROOM	N/A	NO CHANGE	
	1UR1	RESTROOM	N/A	NO CHANGE	
	1WF1	HALLWAY	N/A	NO CHANGE	
35-253-OPN-2 DAYLIGHT	N/A	ROOF DOWNSPOUT	ROOF	NO CHANGE	NO
35-253-OPN-3 DAYLIGHT	WH	RESTROOM HOT WATER PRESSURE RELIEF	N/A	NOI	NO
35-253-OPN-4 DAYLIGHT	WH	RESTROOM HOT WATER PRESSURE RELIEF	N/A	NOI	NO
35-253-OPN-5 DAYLIGHT	N/A	RESTROOM CONDENSED WATER	N/A	NOI	NO

TABLE 33: TA 35-254 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-254-OPN-1 DAYLIGHT	N/A	OFFICE AREA FIRE WATER	N/A	NOI	NO

TABLE 34: TA 35-255 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-255-OPN-1 DAYLIGHT	BFP	ELECTRONICS LABORATORY BACKFLOW PREVENTER	103	NOI	NO
35-255-OPN-2 DAYLIGHT	N/A	HEATER CLOSET CONDENSED WATER	103A	NOI	NO
35-255-OPN-3 DAYLIGHT	WH	CONFERENCE AREA HOT WATER PRESSURE RELIEF	101	NOI	NO
35-255-OPN-4 SANITARY	1SD1	CONFERENCE AREA	101	NO CHANGE	NO
	1WF1	CONFERENCE AREA	101	NO CHANGE	
35-255-OPN-5 DAYLIGHT	N/A	STORAGE AREA FIRE WATER	102	NOI	NO
35-255-OPN-6 DAYLIGHT	N/A	ROOF DOWNSPOUT	ROOF	NO CHANGE	NO

TABLE 35: TA 35-257 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-257-OPN-1 SANITARY	1LV1	GUARD STATION	N/A	NO CHANGE	NO
	1LV2	GUARD STATION	N/A	NO CHANGE	
35-257-OPN-2 DAYLIGHT	N/A	ROOF DOWNSPOUT	ROOF	NO CHANGE	NO

TABLE 36: TA 35-264 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-264-OPN-1 DAYLIGHT	WH	RESTROOM HOT WATER PRESSURE RELIEF	N/A	NOI	NO
35-264-OPN-2 SANITARY	1SD1	RESTROOM	N/A	NO CHANGE	NO
	1TL1	RESTROOM	N/A	NO CHANGE	
	1WF1	HALLWAY	N/A	NO CHANGE	

TABLE 37: TA 35-268 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-268-OPN-1 SANITARY	1SD1	KITCHEN AREA	100	NO CHANGE	NO
	1WF1	KITCHEN AREA	100	NO CHANGE	
35-268-OPN-2 DAYLIGHT	N/A	ROOF DOWNSPOUT	ROOF	NO CHANGE	NO
35-268-OPN-3 DAYLIGHT	N/A	ROOF DOWNSPOUT	ROOF	NO CHANGE	NO

**TABLE 38: TA 35-269 DRAIN SUMMARY**

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-269-OPN-1 SANITARY	1FS1	JANITOR'S CLOSET	N/A	LABEL	NO
	1LV1	REST ROOM	104	NO CHANGE	
	1LV2	REST ROOM	108	NO CHANGE	
	1SD1	KITCHEN AREA	102	NO CHANGE	
	1SH1	REST ROOM	104	NO CHANGE	
	1TL1	REST ROOM	104	NO CHANGE	
	1TL2	REST ROOM	108	NO CHANGE	
	1UR1	REST ROOM	108	NO CHANGE	
35-269-OPN-2 DAYLIGHT	WH	JANITOR'S CLOSET HOT WATER PRESSURE RELIEF	N/A	NOI	NO
35-269-OPN-3 DAYLIGHT	N/A	ROOF DOWNSPOUT	ROOF	NO CHANGE	NO
35-269-OPN-4 DAYLIGHT	N/A	ROOF DOWNSPOUT	ROOF	NO CHANGE	NO
35-269-OPN-5 DAYLIGHT	N/A	ROOF DOWNSPOUT	ROOF	NO CHANGE	NO
35-269-OPN-6 DAYLIGHT	N/A	ROOF DOWNSPOUT	ROOF	NO CHANGE	NO

**TABLE 39: TA 35-270 DRAIN SUMMARY**

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-270-OPN-1 DAYLIGHT	N/A	ROOF DOWNSPOUT	ROOF	NO CHANGE	NO
35-270-OPN-2 DAYLIGHT	N/A	ROOF DOWNSPOUT	ROOF	NO CHANGE	NO

**TABLE 40: TA 35-278 DRAIN SUMMARY**

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-278-OPN-1 DAYLIGHT	N/A	SIEGE TANK OIL DRAIN	N/A	ELIMINATE	NO
35-278-OPN-2 DAYLIGHT	N/A	SIEGE TANK OIL DRAIN	N/A	ELIMINATE	NO
35-278-OPN-3 DAYLIGHT	N/A	SIEGE TANK OIL DRAIN	N/A	ELIMINATE	NO

TABLE 41: TA 35-279 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-279-OPN-1 DAYLIGHT	N/A	SIEGE TANK OIL DRAIN	N/A	ELIMINATE	NO
35-279-OPN-2 DAYLIGHT	N/A	SIEGE TANK OIL DRAIN	N/A	ELIMINATE	NO
35-279-OPN-3 DAYLIGHT	N/A	SIEGE TANK OIL DRAIN	N/A	ELIMINATE	NO

TABLE 42: TA 35-336 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-336-OPN-1 DAYLIGHT	WH	RESTROOM HOT WATER PRESSURE RELIEF	2	NOI	NO
35-336-OPN-2 SANITARY	1LV1	RESTROOM	2	NO CHANGE	NO
	1TL1	RESTROOM	2	NO CHANGE	

TABLE 43: TA 35-347 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-347-OPN-1 DAYLIGHT	PRV	WATER LINE PIT/EAST SIDE OF BUILDING--PRESSURE RELIEF	N/A	NOI	NO

TABLE 44: TA 35-356 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-356-OPN-1 DAYLIGHT	N/A	OFFICE AREA CONDENSED WATER	101A	NOI	NO
35-356-OPN-2 DAYLIGHT	N/A	OFFICE AREA BLOWDOWN	106	NOI	NO
35-356-OPN-3 DAYLIGHT	N/A	OFFICE AREA FIRE AIR GAP	106	NOI	NO
35-356-OPN-4 DAYLIGHT	N/A	OFFICE AREA FIRE WATER	102	NOI	NO

TABLE 45: TA 35-385 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-385-OPN-1 DAYLIGHT	N/A	MORGAN SHED DRAIN	N/A	LOCKING MECHANISM	NO

TABLE 46: TA 35-454 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-454-OPN-1 SANITARY	1SD1	RESTROOM	N/A	NO CHANGE	NO
	1SD2	KITCHEN AREA	N/A	NO CHANGE	
	1SD3	TRANSPORTABLE	N/A	NO CHANGE	
	1TL1	TRANSPORTABLE	N/A	NO CHANGE	
35-454-OPN-2 DAYLIGHT	N/A	TRANSPORTABLE ROOF DOWNSPOUT	ROOF	NO CHANGE	NO
35-454-OPN-3 DAYLIGHT	N/A	TRANSPORTABLE ROOF DOWNSPOUT	ROOF	NO CHANGE	NO
35-454-OPN-4 DAYLIGHT	N/A	TRANSPORTABLE ROOF DOWNSPOUT	ROOF	NO CHANGE	NO
35-454-OPN-5 DAYLIGHT	N/A	TRANSPORTABLE ROOF DOWNSPOUT	ROOF	NO CHANGE	NO
35-454-OPN-6 DAYLIGHT	WH	TRANSPORTABLE HOT WATER PRESSURE RELIEF	N/A	NOI	NO
35-454-OPN-7 DAYLIGHT	WH	TRANSPORTABLE HOT WATER PRESSURE RELIEF	N/A	NOI	NO

TABLE 47

NON DRAIN RECOMMENDATIONS

TECHNICAL AREA	BUILDING NUMBER	ROOM OR LOCATION	RECOMMENDATION
35	3	PHASE SEPARATION FACILITY	ELIMINATE STRUCTURE TO PREVENT GROUNDWATER CONTAMINATION, IMPLEMENT SPCC
35	7	AIR FILTER BLDG.	REMOVE CONTAMINATED STRUCTURE TO PREVENT GROUNDWATER CONTAMINATION
35	14	SEPTIC TANK	DECOMMISSION PER SEPTIC TANK ACTION PLAN
35	15	DOSING CHAMBER	REMOVE
35	85	NEAR RM. 115	CONTAINERIZE OIL/CHEMICAL EQUIPMENT
35	330	TRANSPORTAINER	REMOVE OR CONTAINERIZE DRUMS CONTAINING OIL / WATER
35	331	TRANSPORTAINER	
35	332	TRANSPORTAINER	
35	358	SEMI TRAILER	REPAIR OR REMOVE LEAKING OIL TANK
35	359	TRANSPORTAINER	IDENTIFY WASTE DRUM AND TAKE APPROPRIATE ACTION
35	372	TRANSPORTAINER	CONTAINERIZE CHEMICAL STORAGE AND PUMPS
35	373	TRANSPORTAINER	
35	406	TRANSPORTAINER	CONTAINERIZE DRUMS ON SOUTH SIDE
35	2	STORAGE TANK (35-2-OPN-6)	SECONDARY CONTAINMENT, IMPLEMENT SPCC
35	29	OIL SUMP (SEE SECT. 11.2)	IMPLEMENT SPCC
35	85	OIL HOLDING TANK (SEE SECT. 19.8)	IMPLEMENT SPCC
35	86	GLYCOL TANK (SEE SECT. 20.5)	IMPLEMENT SPCC
35	157	GLYCOL TANK	SECONDARY CONTAINMENT, IMPLEMENT SPCC
35	159	OIL TANK	IMPLEMENT SPCC

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
35	0	35-00	10S	N/A	N/A	SEWAGE LAGOON			NO DRAINS	No NO DRAINS
35	1	35-001-OPN-1	DAYLIGHT	WH	2	RESTROOM			FLOW IS NIL	No WATER HEATER PRESSURE RELIEF
35	1	35-001-OPN-2	10S/SWSC	1FD1	2	RESTROOM			5 DAYS PER WEEK	No HAND WASHINGS, CONF. AREA SINK
35	1	35-001-OPN-2	10S/SWSC	1SD1	2	RESTROOM			5 DAYS PER WEEK	No HAND WASHINGS, CONF. AREA SINK
35	1	35-001-OPN-2	10S/SWSC	1TL1	2	RESTROOM			5 DAYS PER WEEK	No TOILET DRAIN
35	2	35-002-OPN-0	N/A	1EW1	A140	LABORATORY			NO FLOW	No SELF CONTAINED EYE WASH UNIT
35	2	35-002-OPN-0	N/A	1SS1	A100	HALLWAY			NO FLOW	No SAFETY SHOWER
35	2	35-002-OPN-0	N/A	1SS2	A164	LABORATORY			NO FLOW	No SAFETY SHOWER
35	2	35-002-OPN-0	N/A	1SS3	A100	HALLWAY			NO FLOW	No SAFETY SHOWER
35	2	35-002-OPN-0	N/A	1SS4	A160	HALLWAY			NO FLOW	No SAFETY SHOWER
35	2	35-002-OPN-0	N/A	1SS5	C100	HALLWAY			NO FLOW	No SAFETY SHOWER
35	2	35-002-OPN-0	N/A	1SS6	C100	HALLWAY			NO FLOW	No SAFETY SHOWER
35	2	35-002-OPN-0	N/A	1SS7	C100	HALLWAY			NO FLOW	No SAFETY SHOWER
35	2	35-002-OPN-0	N/A	1SS8	C100	HALLWAY			NO FLOW	No SAFETY SHOWER
35	2	35-002-OPN-0	N/A	BEW1	A10	CONTROLLED EQUIPMENT			FLOW IS NIL	No SELF CONTAINED EYE WASH UNIT
35	2	35-002-OPN-01	10S/SWSC	1CD1	C157	CONTROLLED LAB			5 DAYS PER WEEK	No CONTROLLED LAB. HOOD SINK
35	2	35-002-OPN-01	10S/SWSC	1CD2	C130	LASER LABORATORY			5 DAYS PER WEEK	No ONCE THROUGH COOLING WATER
35	2	35-002-OPN-01	10S/SWSC	1EW2	C100	HALLWAY			FLOW IS NIL	No SAFETY SHOWER
35	2	35-002-OPN-01	10S/SWSC	1FD03	A180	EQUIPMENT ROOM			FLOW IS NIL	No STEAM AIR GAP DRAIN
35	2	35-002-OPN-01	10S/SWSC	1FD03	A180	EQUIPMENT ROOM			FLOW IS NIL	No STEAM VENT DRAIN (2)
35	2	35-002-OPN-01	10S/SWSC	1FD03	A180	EQUIPMENT ROOM			FLOW IS NIL	No SURGE TANK OVERFLOW
35	2	35-002-OPN-01	10S/SWSC	1FD03	A180	EQUIPMENT ROOM			FLOW IS NIL	No BACKFLOW PREVENTER (2)
35	2	35-002-OPN-01	10S/SWSC	1FD03	A180	EQUIPMENT ROOM			FLOW IS NIL	No SURGE TANK DRAIN
35	2	35-002-OPN-01	10S/SWSC	1FD03	A180	EQUIPMENT ROOM			FLOW IS NIL	No STEAM VENT DRAIN (1)
35	2	35-002-OPN-01	10S/SWSC	1FD03	A180	EQUIPMENT ROOM			FLOW IS NIL	No BACKFLOW PREVENTER (1)
35	2	35-002-OPN-01	10S/SWSC	1FD04	A180	EQUIPMENT ROOM			FLOW IS NIL	No EQUIPMENT ROOM FLOOR WASHINGS
35	2	35-002-OPN-01	10S/SWSC	1FD05	A180	EQUIPMENT ROOM			FLOW IS NIL	No STEAM LINE DRAIN
35	2	35-002-OPN-01	10S/SWSC	1FD05	A180	EQUIPMENT ROOM			FLOW IS NIL	No BOILER DRAIN
35	2	35-002-OPN-01	10S/SWSC	1FD06	C148	MACHINE SHOP			FLOW IS NIL	No ELEVATED FLOOR DRAIN
35	2	35-002-OPN-01	10S/SWSC	1FD07	C148	MACHINE SHOP			FLOW IS NIL	No ELEVATED FLOOR DRAIN
35	2	35-002-OPN-01	10S/SWSC	1FD08	C148	MACHINE SHOP			FLOW IS NIL	No ELEVATED FLOOR DRAIN
35	2	35-002-OPN-01	10S/SWSC	1FD09	C148	MACHINE SHOP			FLOW IS NIL	No ELEVATED FLOOR DRAIN
35	2	35-002-OPN-01	10S/SWSC	1FD14	C155	CONTROLLED LAB			FLOW IS NIL	No CONTROLLED COVERED FLOOR DRAIN

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
35	2	35-002-OPN-01	10S/SWSC	1FD15	C119	CONTROLLED LAB		FLOW IS NIL	No	CONTROLLED COVERED FLOOR DRAIN
35	2	35-002-OPN-01	10S/SWSC	1FD16	C115	CONTROLLED LAB		FLOW IS NIL	No	CONTROLLED COVERED FLOOR DRAIN
35	2	35-002-OPN-01	10S/SWSC	1FD17	C111	LASER LABORATORY		FLOW IS NIL	No	COVERED FLOOR DRAIN
35	2	35-002-OPN-01	10S/SWSC	1FD18	C157	CONTROLLED LAB		FLOW IS NIL	No	CONTROLLED COVERED FLOOR DRAIN
35	2	35-002-OPN-01	10S/SWSC	1FD19	C107	LASER LABORATORY		FLOW IS NIL	No	COVERED FLOOR DRAIN
35	2	35-002-OPN-01	10S/SWSC	1FD20	C159	ELECTRONICS LAB		FLOW IS NIL	No	FLOOR WASHINGS
35	2	35-002-OPN-01	10S/SWSC	1FD21	C130	LASER LABORATORY		FLOW IS NIL	No	COVERED FLOOR DRAIN
35	2	35-002-OPN-01	10S/SWSC	1FD22	C130	LASER LABORATORY		FLOW IS NIL	No	COVERED FLOOR DRAIN
35	2	35-002-OPN-01	10S/SWSC	1FD23	C130	LASER LABORATORY		FLOW IS NIL	No	COVERED FLOOR DRAIN
35	2	35-002-OPN-01	10S/SWSC	1FD24	C118	LASER LABORATORY		FLOW IS NIL	No	COVERED FLOOR DRAIN
35	2	35-002-OPN-01	10S/SWSC	1FD25	C114	LASER LABORATORY		FLOW IS NIL	No	COVERED FLOOR DRAIN
35	2	35-002-OPN-01	10S/SWSC	1FD26	C110	LASER LABORATORY		FLOW IS NIL	No	COVERED FLOOR DRAIN
35	2	35-002-OPN-01	10S/SWSC	1FD27	C140	LABORATORY		FLOW IS NIL	No	FLOOR WASHINGS
35	2	35-002-OPN-01	10S/SWSC	1FD28	C136	ROBOTICS LABORATORY		FLOW IS NIL	No	CONTROLLED AREA COVERED F.D.
35	2	35-002-OPN-01	10S/SWSC	1FD29	C148A	HALLWAY		FLOW IS NIL	No	ELEVATED FLOOR DRAIN
35	2	35-002-OPN-01	10S/SWSC	1FD30	C148	MACHINE SHOP		FLOW IS NIL	No	ELEVATED FLOOR DRAIN
35	2	35-002-OPN-01	10S/SWSC	1LV5	A152A	REST ROOM		5 DAYS PER WEEK	No	CONTROLLED AREA HAND WASHINGS
35	2	35-002-OPN-01	10S/SWSC	1SD06	A132	METALLOGRAPHY LAB.		5 DAYS PER WEEK	No	CONTROLLED AREA LAB SINK
35	2	35-002-OPN-01	10S/SWSC	1SD07	A134	LABORATORY		5 DAYS PER WEEK	No	CONTROLLED AREA LAB SINK
35	2	35-002-OPN-01	10S/SWSC	1SD08	A162	LABORATORY		NO FLOW	No	CONTROLLED AREA SINK, CAPPED
35	2	35-002-OPN-01	10S/SWSC	1SD12	A161	LABORATORY		5 DAYS PER WEEK	No	CONTROLLED AREA LAB SINK
35	2	35-002-OPN-01	10S/SWSC	1SD13	A163	JANITOR'S CLOSET		5 DAYS PER WEEK	No	CONTROLLED AREA JANITOR'S SINK
35	2	35-002-OPN-01	10S/SWSC	1SD15	A145	CAFETERIA, KITCHEN AREA		5 DAYS PER WEEK	No	CONTROLLED AREA SANITARY SINK
35	2	35-002-OPN-01	10S/SWSC	1SD16	A139	LABORATORY		5 DAYS PER WEEK	No	CONTROLLED AREA LAB SINK
35	2	35-002-OPN-01	10S/SWSC	1SD17	A137	LABORATORY		5 DAYS PER WEEK	No	CONTROLLED AREA LAB SINK
35	2	35-002-OPN-01	10S/SWSC	1SD18	A135	LABORATORY		5 DAYS PER WEEK	No	CONTROLLED AREA LAB SINK
35	2	35-002-OPN-01	10S/SWSC	1SD19	A133	LABORATORY		5 DAYS PER WEEK	No	CONTROLLED AREA LAB SINK
35	2	35-002-OPN-01	10S/SWSC	1SD20	A131	LABORATORY		5 DAYS PER WEEK	No	CONTROLLED AREA LAB SINK
35	2	35-002-OPN-01	10S/SWSC	1SD23	B123	JANITOR'S CLOSET		FLOW IS NIL	No	HOT WATER LINE DRAIN (5)
35	2	35-002-OPN-01	10S/SWSC	1SD23	B123	JANITOR'S CLOSET		FLOW IS NIL	No	HOT WATER LINE DRAIN (4)
35	2	35-002-OPN-01	10S/SWSC	1SD23	B123	JANITOR'S CLOSET		FLOW IS NIL	No	HOT WATER LINE DRAIN (3)
35	2	35-002-OPN-01	10S/SWSC	1SD23	B123	JANITOR'S CLOSET		5 DAYS PER WEEK	No	JANITOR'S SINK
35	2	35-002-OPN-01	10S/SWSC	1SD23	B123	JANITOR'S CLOSET		FLOW IS NIL	No	HOT WATER LINE DRAIN (2)

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
35	2	35-002-OPN-01	10S/SWSC	1SD23	B123	JANITOR'S CLOSET		FLOW IS NIL	No	HOT WATER LINE DRAIN (1)
35	2	35-002-OPN-01	10S/SWSC	1SD23	B123	JANITOR'S CLOSET		FLOW IS NIL	No	HOT WATER LINE DRAIN (6)
35	2	35-002-OPN-01	10S/SWSC	1SD25	C124	LASER LABORATORY		NO FLOW	No	PLUGGED
35	2	35-002-OPN-01	10S/SWSC	1SD26	C102	LASER LABORATORY		5 DAYS PER WEEK	No	LABORATORY SINK
35	2	35-002-OPN-01	10S/SWSC	1SD27	C106	LASER LABORATORY		5 DAYS PER WEEK	No	LABORATORY SINK
35	2	35-002-OPN-01	10S/SWSC	1SD28	C126	LASER LABORATORY		5 DAYS PER WEEK	No	LABORATORY SINK
35	2	35-002-OPN-01	10S/SWSC	1SD29	C138	ROBOTICS LABORATORY		5 DAYS PER WEEK	No	CONTROLLED AREA LAB SINK
35	2	35-002-OPN-01	10S/SWSC	1SD33	C119	CONTROLLED LAB		5 DAYS PER WEEK	No	CONTROLLED LABORATORY SINK
35	2	35-002-OPN-01	10S/SWSC	1SD34	C115	CONTROLLED LAB		5 DAYS PER WEEK	No	CONTROLLED LABORATORY SINK
35	2	35-002-OPN-01	10S/SWSC	1SD35	C157	CONTROLLED LAB		5 DAYS PER WEEK	No	CONTROLLED LABORATORY SINK
35	2	35-002-OPN-01	10S/SWSC	1SD36	C111	LASER LABORATORY		5 DAYS PER WEEK	No	COUNTERTOP SINK
35	2	35-002-OPN-01	10S/SWSC	1SD37	C107	LASER LABORATORY		5 DAYS PER WEEK	No	COUNTERTOP SINK
35	2	35-002-OPN-01	10S/SWSC	1SD38	A147	JANITOR'S CLOSET		5 DAYS PER WEEK	No	CONTROLLED AREA JANITOR'S SINK
35	2	35-002-OPN-01	10S/SWSC	1SD39	C140	LABORATORY		NO FLOW	No	CAPPED OFF
35	2	35-002-OPN-01	10S/SWSC	1SD40	C140	LABORATORY		NO FLOW	No	CAPPED OFF
35	2	35-002-OPN-01	10S/SWSC	1SD41	C134	ROBOTICS LABORATORY		5 DAYS PER WEEK	No	CONTROLLED AREA LAB SINK
35	2	35-002-OPN-01	10S/SWSC	1SD42	C130	LASER LABORATORY		5 DAYS PER WEEK	No	LABORATORY SINK
35	2	35-002-OPN-01	10S/SWSC	1SD43	C118	LASER LABORATORY		5 DAYS PER WEEK	No	LABORATORY SINK
35	2	35-002-OPN-01	10S/SWSC	1SD44	C114	LASER LABORATORY		5 DAYS PER WEEK	No	LABORATORY SINK
35	2	35-002-OPN-01	10S/SWSC	1SD45	C110	LASER LABORATORY		5 DAYS PER WEEK	No	LABORATORY SINK
35	2	35-002-OPN-01	10S/SWSC	1SD46	C118	JANITOR'S CLOSET		5 DAYS PER WEEK	No	JANITOR'S SINK
35	2	35-002-OPN-01	10S/SWSC	1SD47	C140	LABORATORY		5 DAYS PER WEEK	No	LABORATORY SINK
35	2	35-002-OPN-01	10S/SWSC	1SH2	A152A	REST ROOM		5 DAYS PER WEEK	No	CONTROLLED AREA SHOWER DRAIN
35	2	35-002-OPN-01	10S/SWSC	1TL4	A152A	REST ROOM		5 DAYS PER WEEK	No	CONTROLLED AREA TOILET DRAIN
35	2	35-002-OPN-01	10S/SWSC	1WF2	A100	HALLWAY		5 DAYS PER WEEK	No	CONTROLLED AREA WATER FOUNTAIN
35	2	35-002-OPN-01	10S/SWSC	1WF3	A160	HALLWAY		5 DAYS PER WEEK	No	CONTROLLED AREA WATER FOUNTAIN
35	2	35-002-OPN-01	10S/SWSC	1WF5	C100	HALLWAY		5 DAYS PER WEEK	No	WATER FOUNTAIN
35	2	35-002-OPN-01	10S/SWSC	BAD2	C10	PIPE TUNNEL		FLOW IS NIL	No	CONDENSED WATER, FLOOR WASHING
35	2	35-002-OPN-01	10S/SWSC	BAD3	C10	PIPE TUNNEL		FLOW IS NIL	No	CONDENSED WATER, FLOOR WASHING
35	2	35-002-OPN-01	10S/SWSC	BAD4	OUTSIDE	EXTERNAL STAIRWELL		MOSTLY SUMMER	Yes	STORM WATER, RUNOFF
35	2	35-002-OPN-01	10S/SWSC	BAD5	OUTSIDE	EXTERNAL STAIRWELL		MOSTLY SUMMER	Yes	STORM WATER, RUNOFF
35	2	35-002-OPN-01	10S/SWSC	BAD6	OUTSIDE	EXTERNAL STAIRWELL		MOSTLY SUMMER	Yes	STORM WATER, RUNOFF
35	2	35-002-OPN-01	10S/SWSC	BAD6	OUTSIDE	EXTERNAL STAIRWELL		DURING TANK DSC	No	ACID WASTE STORAGE DRAINAGE

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES	
35	2	35-002-OPN-01	10S/SWSC	BAD7	OUTSIDE	EXTERNAL STAIRS			MOSTLY SUMMER	Yes	CONTROLLED AREA STORM WATER
35	2	35-002-OPN-01	10S/SWSC	BCD1	C18	LASER LABORATORY			NO FLOW	No	PLUGGED
35	2	35-002-OPN-01	10S/SWSC	BFD03	C10	EQUIPMENT ROOM			FLOW IS NIL	No	HOT WATER PUMP DRAIN (7)
35	2	35-002-OPN-01	10S/SWSC	BFD03	C10	EQUIPMENT ROOM			FLOW IS NIL	No	HOT WATER PUMP DRAIN (1)
35	2	35-002-OPN-01	10S/SWSC	BFD03	C10	EQUIPMENT ROOM			FLOW IS NIL	No	HOT WATER PUMP DRAIN (3)
35	2	35-002-OPN-01	10S/SWSC	BFD03	C10	EQUIPMENT ROOM			FLOW IS NIL	No	HOT WATER PUMP DRAIN (6)
35	2	35-002-OPN-01	10S/SWSC	BFD03	C10	EQUIPMENT ROOM			FLOW IS NIL	No	HOT WATER PRESSURE RELIEF
35	2	35-002-OPN-01	10S/SWSC	BFD03	C10	EQUIPMENT ROOM			FLOW IS NIL	No	HOT WATER PUMP DRAIN (2)
35	2	35-002-OPN-01	10S/SWSC	BFD03	C10	EQUIPMENT ROOM			FLOW IS NIL	No	COLD WATER BACKFLOW PREVENTER
35	2	35-002-OPN-01	10S/SWSC	BFD03	C10	EQUIPMENT ROOM			FLOW IS NIL	No	COLD WATER AIR GAP VALVE
35	2	35-002-OPN-01	10S/SWSC	BFD03	C10	EQUIPMENT ROOM			FLOW IS NIL	No	HOT WATER PUMP DRAIN (5)
35	2	35-002-OPN-01	10S/SWSC	BFD03	C10	EQUIPMENT ROOM			FLOW IS NIL	No	HOT WATER PUMP DRAIN (4)
35	2	35-002-OPN-01	10S/SWSC	BFD04	C10	EQUIPMENT ROOM			FLOW IS NIL	No	COLD WATER SURGE TANK (3)
35	2	35-002-OPN-01	10S/SWSC	BFD04	C10	EQUIPMENT ROOM			FLOW IS NIL	No	HOT WATER PRESSURE RELIEF
35	2	35-002-OPN-01	10S/SWSC	BFD04	C10	EQUIPMENT ROOM			FLOW IS NIL	No	COLD WATER BACKFLOW PREVENTER
35	2	35-002-OPN-01	10S/SWSC	BFD04	C10	EQUIPMENT ROOM			FLOW IS NIL	No	COLD WATER BACKFLOW PREV. (1)
35	2	35-002-OPN-01	10S/SWSC	BFD04	C10	EQUIPMENT ROOM			FLOW IS NIL	No	COLD WATER BACKFLOW PREV. (2)
35	2	35-002-OPN-01	10S/SWSC	BFD04	C10	EQUIPMENT ROOM			FLOW IS NIL	No	COLD WATER PRESSURE RELIEF
35	2	35-002-OPN-01	10S/SWSC	BFD04	C10	EQUIPMENT ROOM			FLOW IS NIL	No	COLD WATER SURGE TANK (2)
35	2	35-002-OPN-01	10S/SWSC	BFD04	C10	EQUIPMENT ROOM			FLOW IS NIL	No	BOILER TANK DRAIN
35	2	35-002-OPN-01	10S/SWSC	BFD04	C10	EQUIPMENT ROOM			FLOW IS NIL	No	BOILER DRAIN
35	2	35-002-OPN-01	10S/SWSC	BFD04	C10	EQUIPMENT ROOM			FLOW IS NIL	No	HOT WATER AIR GAP VALVE
35	2	35-002-OPN-01	10S/SWSC	BFD04	C10	EQUIPMENT ROOM			FLOW IS NIL	No	COLD WATER SURGE TANK (1)
35	2	35-002-OPN-01	10S/SWSC	BFD05	C10	EQUIPMENT ROOM			FLOW IS NIL	No	CONDENSED WATER (1)
35	2	35-002-OPN-01	10S/SWSC	BFD05	C10	EQUIPMENT ROOM			FLOW IS NIL	No	CONDENSED WATER (2)
35	2	35-002-OPN-01	10S/SWSC	BFD06	A12	HALLWAY			FLOW IS NIL	No	CONTROLLED AREA FLOOR WASHINGS
35	2	35-002-OPN-01	10S/SWSC	BFD07	A12	HALLWAY			FLOW IS NIL	No	CONTROLLED AREA FLOOR WASHINGS
35	2	35-002-OPN-01	10S/SWSC	BFD08	A12	ORGANIC SYNTHESIS LAB.			NO FLOW	No	NONE - PLUGGED
35	2	35-002-OPN-01	10S/SWSC	BFD09	A12	ORGANIC SYNTHESIS LAB.			FLOW IS NIL	No	CONTROLLED AREA FLOOR WASHINGS
35	2	35-002-OPN-01	10S/SWSC	BFD10	A10	CONTROLLED EQUIPMENT			FLOW IS NIL	No	BACKFLOW PREVENTER (2)
35	2	35-002-OPN-01	10S/SWSC	BFD10	A10	CONTROLLED EQUIPMENT			FLOW IS NIL	No	BACKFLOW PREVENTER (1)
35	2	35-002-OPN-01	10S/SWSC	BFD10	A10	CONTROLLED EQUIPMENT			FLOW IS NIL	No	WATER PUMP DRAIN
35	2	35-002-OPN-01	10S/SWSC	BFD10	A10	CONTROLLED EQUIPMENT			FLOW IS NIL	No	SURGE TANK DRAIN

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
35	2	35-002-OPN-01	10S/SWSC	BFD11	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	FLOOR WASHINGS
35	2	35-002-OPN-01	10S/SWSC	BFD12	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	Yes	COLD WATER DRAIN
35	2	35-002-OPN-01	10S/SWSC	BFD12	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	Yes	COLD WATER FILTER DRAIN
35	2	35-002-OPN-01	10S/SWSC	BFD12	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	Yes	COOLING WATER BLOWDOWN
35	2	35-002-OPN-01	10S/SWSC	BFD12	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	Yes	COOLER DRAIN WATER
35	2	35-002-OPN-01	10S/SWSC	BFD13	A00	CONTROLLED EQUIPMENT		NO FLOW	No	PLUGGED
35	2	35-002-OPN-01	10S/SWSC	BFD14	A00	CONTROLLED EQUIPMENT		FLOW IS NIL	No	FLOOR WASHINGS
35	2	35-002-OPN-01	10S/SWSC	BFD14	A00	CONTROLLED EQUIPMENT		FLOW IS NIL	No	BATTERY STORAGE AREA DRAINAGE
35	2	35-002-OPN-01	10S/SWSC	BFD15	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	STEAM LINE DRAIN (3)
35	2	35-002-OPN-01	10S/SWSC	BFD15	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	CONDENSED WATER
35	2	35-002-OPN-01	10S/SWSC	BFD15	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	STEAM LINE DRAIN (2)
35	2	35-002-OPN-01	10S/SWSC	BFD15	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	CONDENSED WATER (2)
35	2	35-002-OPN-01	10S/SWSC	BFD15	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	CONDENSED WATER (1)
35	2	35-002-OPN-01	10S/SWSC	BFD15	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	STEAM LINE DRAIN (1)
35	2	35-002-OPN-01	10S/SWSC	BFD16	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	STEAM LINE DRAIN (3)
35	2	35-002-OPN-01	10S/SWSC	BFD16	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	STEAM LINE DRAIN (1)
35	2	35-002-OPN-01	10S/SWSC	BFD16	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	STEAM LINE DRAIN (2)
35	2	35-002-OPN-01	10S/SWSC	BFD17	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	VACUUM MANIFOLD DRAIN (1)
35	2	35-002-OPN-01	10S/SWSC	BFD17	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	VACUUM PUMP DRAIN (1)
35	2	35-002-OPN-01	10S/SWSC	BFD17	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	VACUUM PUMP DRAIN (3)
35	2	35-002-OPN-01	10S/SWSC	BFD17	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	VACUUM PUMP DRAIN (2)
35	2	35-002-OPN-01	10S/SWSC	BFD18	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	AIR TANK DRAIN (2)
35	2	35-002-OPN-01	10S/SWSC	BFD18	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	BACKFLOW PREVENTER (4)
35	2	35-002-OPN-01	10S/SWSC	BFD18	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	WATER PUMP DRAIN (2)
35	2	35-002-OPN-01	10S/SWSC	BFD18	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	BACKFLOW PREVENTER (3)
35	2	35-002-OPN-01	10S/SWSC	BFD18	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	WATER PUMP DRAIN (4)
35	2	35-002-OPN-01	10S/SWSC	BFD18	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	WATER PUMP DRAIN (1)
35	2	35-002-OPN-01	10S/SWSC	BFD18	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	WATER PUMP DRAIN (3)
35	2	35-002-OPN-01	10S/SWSC	BFD18	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	Yes	AIR COOLER DRAIN (1)
35	2	35-002-OPN-01	10S/SWSC	BFD18	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	Yes	AIR COOLER DRAIN (2)
35	2	35-002-OPN-01	10S/SWSC	BFD18	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	BACKFLOW PREVENTER (1)
35	2	35-002-OPN-01	10S/SWSC	BFD18	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	CONDENSED WATER
35	2	35-002-OPN-01	10S/SWSC	BFD18	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	BACKFLOW PREVENTER (2)

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
35	2	35-002-OPN-01	10S/SWSC	BFD19	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	ACID TANK ACCIDENT DRAINAGE
35	2	35-002-OPN-01	10S/SWSC	BFD19	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	FLOOR WASHINGS
35	2	35-002-OPN-01	10S/SWSC	BFD20	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	HOT WATER FILTER DRAIN
35	2	35-002-OPN-01	10S/SWSC	BFD21	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	HOT WATER PUMP DRAIN (1)
35	2	35-002-OPN-01	10S/SWSC	BFD21	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	HOT WATER MANIFOLD DRAIN (1)
35	2	35-002-OPN-01	10S/SWSC	BFD21	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	Yes	AIR COOLER SYSTEM DRAIN (2)
35	2	35-002-OPN-01	10S/SWSC	BFD21	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	HOT WATER MANIFOLD DRAIN (2)
35	2	35-002-OPN-01	10S/SWSC	BFD21	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	HOT WATER SYSTEM DRAIN (2)
35	2	35-002-OPN-01	10S/SWSC	BFD21	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	HOT WATER MANIFOLD DRAIN (4)
35	2	35-002-OPN-01	10S/SWSC	BFD21	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	HOT WATER MANIFOLD DRAIN (5)
35	2	35-002-OPN-01	10S/SWSC	BFD21	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	HOT WATER LINE DRAIN
35	2	35-002-OPN-01	10S/SWSC	BFD21	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	HOT WATER PUMP DRAIN (2)
35	2	35-002-OPN-01	10S/SWSC	BFD21	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	SURGE TANK DRAIN
35	2	35-002-OPN-01	10S/SWSC	BFD21	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	HOT WATER SURGE TANK DRAIN (4)
35	2	35-002-OPN-01	10S/SWSC	BFD21	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	HOT WATER MANIFOLD DRAIN (6)
35	2	35-002-OPN-01	10S/SWSC	BFD21	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	HOT WATER SURGE TANK DRAIN (1)
35	2	35-002-OPN-01	10S/SWSC	BFD21	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	HOT WATER SYSTEM DRAIN (1)
35	2	35-002-OPN-01	10S/SWSC	BFD21	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	Yes	AIR COOLER SYSTEM DRAIN (1)
35	2	35-002-OPN-01	10S/SWSC	BFD21	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	HOT WATER SURGE TANK DRAIN (5)
35	2	35-002-OPN-01	10S/SWSC	BFD21	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	FIRE SYSTEM DRAIN
35	2	35-002-OPN-01	10S/SWSC	BFD21	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	Yes	COLD WATER FILTER DRAIN
35	2	35-002-OPN-01	10S/SWSC	BFD21	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	HOT WATER SURGE TANK DRAIN (2)
35	2	35-002-OPN-01	10S/SWSC	BFD21	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	HOT WATER PUMP DRAIN (4)
35	2	35-002-OPN-01	10S/SWSC	BFD21	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	HOT WATER PUMP DRAIN (3)
35	2	35-002-OPN-01	10S/SWSC	BFD21	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	Yes	COLD WATER LINE DRAIN
35	2	35-002-OPN-01	10S/SWSC	BFD21	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	HOT WATER SURGE TANK DRAIN (3)
35	2	35-002-OPN-01	10S/SWSC	BFD21	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	HOT WATER MANIFOLD DRAIN (3)
35	2	35-002-OPN-01	10S/SWSC	BFD22	A14	CONTROLLED OFFICE AREA		FLOW IS NIL	No	CONDENSED WATER (3)
35	2	35-002-OPN-01	10S/SWSC	BFD22	A14	CONTROLLED OFFICE AREA		FLOW IS NIL	No	CONDENSED WATER (1)
35	2	35-002-OPN-01	10S/SWSC	BFD22	A14	CONTROLLED OFFICE AREA		FLOW IS NIL	No	CONDENSED WATER (2)
35	2	35-002-OPN-01	10S/SWSC	BFD23	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	FLOOR WASHINGS
35	2	35-002-OPN-01	10S/SWSC	BFD24	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	FLOOR WASHINGS
35	2	35-002-OPN-01	10S/SWSC	BFD25	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	FLOOR WASHINGS

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
35	2	35-002-OPN-01	10S/SWSC	BFD26	A14	CONTROLLED OFFICE AREA		FLOW IS NIL	No	COVERED WITH CARPET
35	2	35-002-OPN-01	10S/SWSC	BFD27	A16A	CONTROLLED REST ROOM		5 DAYS PER WEEK	No	FLOOR WASHINGS
35	2	35-002-OPN-01	10S/SWSC	BFD28	A17	CONFERENCE ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	2	35-002-OPN-01	10S/SWSC	BLV1	A16A	CONTROLLED REST ROOM		5 DAYS PER WEEK	No	HAND WASHINGS
35	2	35-002-OPN-01	10S/SWSC	BPD1	A12	ORGANIC SYNTHESSES LAB.		NO FLOW	No	CAPPED OFF
35	2	35-002-OPN-01	10S/SWSC	BPD2	A17	CONTAMINATED PIPE CHA		FLOW IS NIL	No	DRAINAGE FROM HOT CELLS (2)
35	2	35-002-OPN-01	10S/SWSC	BPD2	A17	CONTAMINATED PIPE CHA		FLOW IS NIL	No	DRAINAGE FROM HOT CELLS (1)
35	2	35-002-OPN-01	10S/SWSC	BPD2	A17	CONTAMINATED PIPE CHA		FLOW IS NIL	No	HOT WATER PRESSURE RELIEF
35	2	35-002-OPN-01	10S/SWSC	BSD1	C16	LASER LABORATORY		FLOW IS NIL	No	CONDENSED WATER
35	2	35-002-OPN-01	10S/SWSC	BSD1	C16	LASER LABORATORY		5 DAYS PER WEEK	No	LABORATORY SINK
35	2	35-002-OPN-01	10S/SWSC	BSD2	C16	LASER LABORATORY		NO FLOW	No	CAPPED OFF
35	2	35-002-OPN-01	10S/SWSC	BSD3	A11	CONFERENCE ROOM		5 DAYS PER WEEK	No	CONTROLLED COUNTERTOP SINK
35	2	35-002-OPN-01	10S/SWSC	BSD4	A12C	ORGANIC SYNTHESSES LAB.		5 DAYS PER WEEK	No	CONTROLLED COUNTERTOP SINK
35	2	35-002-OPN-01	10S/SWSC	BSD5	A12	ORGANIC SYNTHESSES LAB.		5 DAYS PER WEEK	No	CONTROLLED COUNTERTOP SINK
35	2	35-002-OPN-01	10S/SWSC	BSD6	A12	ORGANIC SYNTHESSES LAB.		FLOW IS NIL	No	CONTROLLED CONDENSED WATER
35	2	35-002-OPN-01	10S/SWSC	BSD6	A12	ORGANIC SYNTHESSES LAB.		FLOW IS NIL	No	CONTROLLED COOLING WATER
35	2	35-002-OPN-01	10S/SWSC	BSD6	A12	ORGANIC SYNTHESSES LAB.		5 DAYS PER WEEK	No	CONTROLLED COUNTERTOP SINK
35	2	35-002-OPN-01	10S/SWSC	BSD7	A14	CONTROLLED OFFICE AREA		5 DAYS PER WEEK	No	COUNTERTOP SINK
35	2	35-002-OPN-01	10S/SWSC	BSD8	A17	CONTROLLED CONF. ROO		FLOW IS NIL	No	COUNTERTOP SINK
35	2	35-002-OPN-01	10S/SWSC	BSP1	C10	EQUIPMENT ROOM		FLOW IS NIL	No	BACKFLOW PREVENTER (1)
35	2	35-002-OPN-01	10S/SWSC	BSP1	C10	EQUIPMENT ROOM		FLOW IS NIL	No	BACKFLOW PREVENTER (2)
35	2	35-002-OPN-01	10S/SWSC	BSP2	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	PRESSURE RELIEF VALVE
35	2	35-002-OPN-01	10S/SWSC	BSP2	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	BACKFLOW PREVENTER (2)
35	2	35-002-OPN-01	10S/SWSC	BSP2	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	MISCELLANEOUS AIR EQUIPMENT
35	2	35-002-OPN-01	10S/SWSC	BSP2	A10	CONTROLLED EQUIPMENT		FLOW IS NIL	No	BACKFLOW PREVENTER (1)
35	2	35-002-OPN-01	10S/SWSC	BTL1	A16A	CONTROLLED REST ROOM		5 DAYS PER WEEK	No	FLOOR WASHINGS
35	2	35-002-OPN-01	10S/SWSC	BWF1	A16	AREA HALLWAY		5 DAYS PER WEEK	No	DRINKING FOUNTAIN
35	2	35-002-OPN-02	DAYLIGHT	BSP3	A12A	EQUIPMENT ROOM		FLOW IS NIL	No	AIR EQUIPMENT DRAINAGE
35	2	35-002-OPN-03	RLW TANK	1SD09	A164	LABORATORY		NO FLOW	No	CONTROLLED AREA SINK, PLUGGED
35	2	35-002-OPN-03	RLW TANK	1SD10	A164	LABORATORY		NO FLOW	No	CONTROLLED AREA SINK, PLUGGED
35	2	35-002-OPN-03	RLW TANK	1SD11	A166	LABORATORY		FLOW IS NIL	No	LABORATORY SINK
35	2	35-002-OPN-03	RLW TANK	N/A	A10	EQUIPMENT ROOM		FLOW IS NIL	No	ACID TANK DISCHARGE (2)
35	2	35-002-OPN-03	RLW TANK	N/A	A10	EQUIPMENT ROOM		FLOW IS NIL	No	ACID TANK DISCHARGE (1)

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES	
35	2	35-002-OPN-04	10S/SWSC	1ED1	C139	MACHINE SHOP			FLOW IS NIL	No	ELEVATED DRAIN INTO FLOOR
35	2	35-002-OPN-04	10S/SWSC	1FD10	C139	MACHINE SHOP			FLOW IS NIL	No	FLOOR WASHINGS
35	2	35-002-OPN-04	10S/SWSC	1FD11	C121	LOCKER ROOM			5 DAYS PER WEEK	No	FLOOR WASHINGS, SAN. SHOWERS
35	2	35-002-OPN-04	10S/SWSC	1FD12	C121	LOCKER ROOM			5 DAYS PER WEEK	No	FLOOR WASHINGS, SAN. SHOWERS
35	2	35-002-OPN-04	10S/SWSC	1FD13	C121	REST ROOM			5 DAYS PER WEEK	No	FLOOR WASHINGS
35	2	35-002-OPN-04	10S/SWSC	1LV6	C121	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
35	2	35-002-OPN-04	10S/SWSC	1LV7	C121	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
35	2	35-002-OPN-04	10S/SWSC	1LV8	C121	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
35	2	35-002-OPN-04	10S/SWSC	1SD30	C139	MACHINE SHOP			FLOW IS NIL	No	CONDENSED WATER FROM COOLER
35	2	35-002-OPN-04	10S/SWSC	1SD30	C139	MACHINE SHOP			5 DAYS PER WEEK	No	MACHINE SHOP UTILITY SINK
35	2	35-002-OPN-04	10S/SWSC	1SD31	C154	MACHINE SHOP			5 DAYS PER WEEK	No	COUNTERTOP SINK
35	2	35-002-OPN-04	10S/SWSC	1SD32	C150	KITCHEN AREA			5 DAYS PER WEEK	No	COUNTERTOP SINK
35	2	35-002-OPN-04	10S/SWSC	1SH3	C121	LOCKER ROOM			5 DAYS PER WEEK	No	SHOWER DRAIN
35	2	35-002-OPN-04	10S/SWSC	1SH4	C121	LOCKER ROOM			5 DAYS PER WEEK	No	SHOWER DRAIN
35	2	35-002-OPN-04	10S/SWSC	1TL6	C121	REST ROOM			5 DAYS PER WEEK	No	TOILET DRAIN
35	2	35-002-OPN-04	10S/SWSC	1TL7	C121	REST ROOM			5 DAYS PER WEEK	No	TOILET DRAIN
35	2	35-002-OPN-04	10S/SWSC	1TL8	C121	REST ROOM			5 DAYS PER WEEK	No	TOILET DRAIN
35	2	35-002-OPN-04	10S/SWSC	1UR3	C121	REST ROOM			5 DAYS PER WEEK	No	URINAL DRAIN
35	2	35-002-OPN-04	10S/SWSC	1UR4	C121	REST ROOM			5 DAYS PER WEEK	No	URINAL DRAIN
35	2	35-002-OPN-04	10S/SWSC	1WF6	C100	HALLWAY			5 DAYS PER WEEK	No	WATER FOUNTAIN
35	2	35-002-OPN-05	10S/SWSC	1FD01	A118	REST ROOM			5 DAYS PER WEEK	No	REST ROOM FLOOR WASHINGS
35	2	35-002-OPN-05	10S/SWSC	1FD02	A120	REST ROOM			5 DAYS PER WEEK	No	REST ROOM FLOOR WASHINGS
35	2	35-002-OPN-05	10S/SWSC	1LV1	A118	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
35	2	35-002-OPN-05	10S/SWSC	1LV2	A118	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
35	2	35-002-OPN-05	10S/SWSC	1LV3	A120	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
35	2	35-002-OPN-05	10S/SWSC	1LV4	A120	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
35	2	35-002-OPN-05	10S/SWSC	1SD01	A116A	KITCHEN AREA			5 DAYS PER WEEK	No	COUNTERTOP SINK
35	2	35-002-OPN-05	10S/SWSC	1SD02	A116A	KITCHEN AREA			5 DAYS PER WEEK	No	COUNTERTOP SINK
35	2	35-002-OPN-05	10S/SWSC	1SD03	A116A	KITCHEN AREA			5 DAYS PER WEEK	No	COUNTERTOP SINK
35	2	35-002-OPN-05	10S/SWSC	1SD04	A124	JANITOR'S CLOSET			5 DAYS PER WEEK	No	JANITOR'S SINK
35	2	35-002-OPN-05	10S/SWSC	1SH1	A118	REST ROOM			5 DAYS PER WEEK	No	SHOWER DRAIN
35	2	35-002-OPN-05	10S/SWSC	1TL1	A118	REST ROOM			5 DAYS PER WEEK	No	TOILET DRAIN
35	2	35-002-OPN-05	10S/SWSC	1TL2	A118	REST ROOM			5 DAYS PER WEEK	No	TOILET DRAIN

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
35	2	35-002-OPN-05	10S/SWSC	1TL3	A120	REST ROOM		5 DAYS PER WEEK	No	TOILET DRAIN
35	2	35-002-OPN-05	10S/SWSC	1TL4	A120	REST ROOM		5 DAYS PER WEEK	No	TOILET DRAIN
35	2	35-002-OPN-05	10S/SWSC	1UR1	A120	REST ROOM		5 DAYS PER WEEK	No	URINAL DRAIN
35	2	35-002-OPN-05	10S/SWSC	1WF1	A100	HALLWAY		5 DAYS PER WEEK	No	WATER FOUNTAIN
35	2	35-002-OPN-06	DAYLIGHT	N/A	ROOF	TANK ON ROOF		FLOW IS NIL	No	TANK DRAIN
35	2	35-002-OPN-07	DAYLIGHT	BAD1	OUTSIDE	EXTERNAL STAIRWELL		MOSTLY SUMMER	No	STORM WATER, RUNOFF
35	2	35-002-OPN-07	DAYLIGHT	BFD01	C15	HALLWAY		FLOW IS NIL	Yes	CONDENSED WATER FROM COOLER
35	2	35-002-OPN-07	DAYLIGHT	BFD01	C15	HALLWAY		FLOW IS NIL	No	FLOOR WASHINGS
35	2	35-002-OPN-07	DAYLIGHT	BFD01	C15	HALLWAY		FLOW IS NIL	No	FIRE SYSTEM DRAIN
35	2	35-002-OPN-07	DAYLIGHT	BFD01	C15	HALLWAY		FLOW IS NIL	No	FLOOR WASHINGS
35	2	35-002-OPN-07	DAYLIGHT	BFD02	C15B	EQUIPMENT ROOM		FLOW IS NIL	No	WATER HONER SYSTEM DRAIN
35	2	35-002-OPN-07	DAYLIGHT	BFD02	C15B	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	2	35-002-OPN-07	DAYLIGHT	BFD02	C15B	EQUIPMENT ROOM		FLOW IS NIL	No	LASER COOLING WATER DRAIN
35	2	35-002-OPN-07	DAYLIGHT	BFD02	C15B	EQUIPMENT ROOM		FLOW IS NIL	No	WATER HONER TANK DRAIN (2)
35	2	35-002-OPN-07	DAYLIGHT	BFD02	C15B	EQUIPMENT ROOM		FLOW IS NIL	No	WATER HONER TANK DRAIN (1)
35	2	35-002-OPN-08	DAYLIGHT	N/A	A180	EQUIPMENT ROOM		FLOW IS NIL	No	BOILER TANK PRESSURE RELIEF
35	2	35-002-OPN-09	DAYLIGHT	PRD1	ROOF	PENTHOUSE ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	2	35-002-OPN-09	DAYLIGHT	RD1	ROOF	PENTHOUSE ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	2	35-002-OPN-10	DAYLIGHT	RD2	ROOF	PENTHOUSE ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	2	35-002-OPN-10	DAYLIGHT	RD3	ROOF	PENTHOUSE ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	2	35-002-OPN-10	DAYLIGHT	RD4	ROOF	PENTHOUSE ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	2	35-002-OPN-11	DAYLIGHT	RD5	ROOF	PENTHOUSE ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	2	35-002-OPN-11	DAYLIGHT	RD6	ROOF	PENTHOUSE ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	2	35-002-OPN-12	DAYLIGHT	RD7	ROOF	PENTHOUSE ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	2	35-002-OPN-13	DAYLIGHT	RD10	ROOF	PENTHOUSE ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	2	35-002-OPN-13	DAYLIGHT	RD8	ROOF	PENTHOUSE ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	2	35-002-OPN-13	DAYLIGHT	RD9	ROOF	PENTHOUSE ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	2	35-002-OPN-14	DAYLIGHT	N/A	C124	EQUIPMENT ROOM		FLOW IS NIL	No	HVAC VENT
35	2	35-002-OPN-15	10S/SWSC	1SD24	B129	CONFERENCE ROOM		5 DAYS PER WEEK	No	CONFERENCE ROOM SINK
35	2	35-002-OPN-15	10S/SWSC	1WF4	N/A	HALLWAY		5 DAYS PER WEEK	No	DRINKING FOUNTAIN
35	2	35-002-OPN-16	ATMOSPHERE	N/A	C130	LASER LABORATORY		FLOW IS NIL	No	VACUUM PUMP VENT
35	2	35-002-OPN-17	ATMOSPHERE	N/A	C134	LASER LABORATORY		FLOW IS NIL	No	VENTILATION EXHAUST
35	2	35-002-OPN-18	ATMOSPHERE	N/A	C134	LASER LABORATORY		FLOW IS NIL	No	VACUUM PUMP VENT

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
35	2	35-002-OPN-19	ATMOSPHERE	N/A	C136	LASER LABORATORY		FLOW IS NIL	No	SANITARY VENT
35	2	35-002-OPN-20	DAYLIGHT	N/A	C138	LASER LABORATORY		ANNUAL TESTING	No	FIRE WATER
35	2	35-002-OPN-21	DAYLIGHT	N/A	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	2	35-002-OPN-22	DAYLIGHT	N/A	C148	MACHINE SHOP		ANNUAL TESTING	No	FIRE WATER
35	2	35-002-OPN-23	DAYLIGHT	N/A	ROOF	ROOF		MOSTLY SUMMER	No	STORM WATER
35	2	35-002-OPN-24	N/A	N/A	C154	MACHINE SHOP		FLOW IS NIL	No	12" DUCT, WELDED SHUT
35	2	35-002-OPN-25	DAYLIGHT	N/A	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	2	35-002-OPN-26	DAYLIGHT	N/A	C156	MACHINE SHOP		ANNUAL TESTING	No	FIRE WATER
35	2	35-002-OPN-27	DAYLIGHT	N/A	C156	MACHINE SHOP		ANNUAL TESTING	No	FIRE WATER
35	2	35-002-OPN-28	DAYLIGHT	N/A	C156	MACHINE SHOP		ANNUAL TESTING	No	FIRE HOSE CONNECT
35	2	35-002-OPN-29	DAYLIGHT	N/A	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	2	35-002-OPN-30	DAYLIGHT	N/A	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	2	35-002-OPN-31	DAYLIGHT	N/A	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	2	35-002-OPN-32	ATMOSPHERE	N/A	C15	EQUIPMENT ROOM		FLOW IS NIL	No	EQUIPMENT VENT
35	2	35-002-OPN-33	ATMOSPHERE	N/A	C15	EQUIPMENT ROOM		FLOW IS NIL	No	EQUIPMENT VENT
35	2	35-002-OPN-34	DAYLIGHT	N/A	B129	CONFERENCE ROOM		ANNUAL TESTING	No	FIRE WATER
35	2	35-002-OPN-35	DAYLIGHT	N/A	N/A	ESCAPE HATCH AREA		MOSTLY SUMMER	Yes	AREA DRAIN
35	2	35-002-OPN-36	ATMOSPHERE	N/A	N/A	VENT		FLOW IS NIL	No	VENT FROM GROUND LEVEL
35	2	35-002-OPN-37	ATMOSPHERE	N/A	N/A	VENT		FLOW IS NIL	No	VENT FROM GROUND LEVEL
35	2	35-002-OPN-38	DAYLIGHT	N/A	A105A	OFFICE AREA		ANNUAL TESTING	No	FIRE WATER
35	2	35-002-OPN-39	DAYLIGHT	N/A	A112	OFFICE		ANNUAL TESTING	No	FIRE WATER
35	2	35-002-OPN-40	DAYLIGHT	N/A	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	2	35-002-OPN-41	DAYLIGHT	N/A	A114	OFFICE		ANNUAL TESTING	No	FIRE WATER
35	2	35-002-OPN-42	N/A	N/A	N/A	EXHAUST SHAFT		FLOW IS NIL	No	EXHAUST SHAFT DRAIN/SAMPLER
35	2	35-002-OPN-43	N/A	N/A	N/A	EXHAUST SHAFT		FLOW IS NIL	No	EXHAUST SHAFT DRAIN/SAMPLER
35	2	35-002-OPN-44	N/A	N/A	N/A	EXHAUST SHAFT		FLOW IS NIL	No	EXHAUST SHAFT SAMPLER
35	2	35-002-OPN-45	ATMOSPHERE	N/A	N/A	GAS CYLINDER STATION		FLOW IS NIL	No	GAS CYLINDER VENT
35	2	35-002-OPN-46	ATMOSPHERE	N/A	N/A	GAS CYLINDER STATION		FLOW IS NIL	No	GAS CYLINDER VENT
35	2	35-002-OPN-47	ATMOSPHERE	N/A	N/A	GAS CYLINDER STATION		FLOW IS NIL	No	GAS CYLINDER VENT
35	2	35-002-OPN-48	ATMOSPHERE	N/A	N/A	GAS CYLINDER STATION		FLOW IS NIL	No	GAS CYLINDER CONNECTOR
35	2	35-002-OPN-49	DAYLIGHT	N/A	N/A	FIRE SYSTEM		ANNUAL TESTING	No	FIRE WATER
35	2	35-002-OPN-50	DAYLIGHT	N/A	N/A	FIRE SYSTEM		DURING FIRE EVENT	No	FIRE WATER HOSE CONNECT
35	2	35-002-OPN-51	DAYLIGHT	N/A	N/A	FIRE SYSTEM		ANNUAL TESTING	No	FIRE WATER

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
35	2	35-002-OPN-52	ATMOSPHERE	N/A	A10	EQUIPMENT ROOM		FLOW IS NIL	No	12" BOILER EXHAUST
35	2	35-002-OPN-53	DAYLIGHT	N/A	N/A	FIRE SYSTEM		ANNUAL TESTING	No	FIRE WATER
35	2	35-002-OPN-54	N/A	N/A	A180	EQUIPMENT ROOM		FLOW IS NIL	No	AIR INLET PIPE
35	2	35-002-OPN-55	DAYLIGHT	N/A	A180	EQUIPMENT ROOM		FLOW IS NIL	No	BOILER TANK PRESSURE RELIEF
35	2	35-002-OPN-56	DAYLIGHT	N/A	A180	PNEUMATIC STATION		FLOW IS NIL	No	PIT OVERFLOW DRAIN
35	2	35-002-OPN-57	N/A	N/A	A180	EQUIPMENT ROOM		NO FLOW	No	DISCONNECTED
35	2	35-002-OPN-58	N/A	N/A	A180	EQUIPMENT ROOM		NO FLOW	No	DISCONNECTED VENT
35	2	35-002-OPN-59	ATMOSPHERE	N/A	A180	EQUIPMENT ROOM		NO FLOW	No	NATURAL GAS REGULATOR VENT
35	2	35-002-OPN-60	ATMOSPHERE	N/A	A180	EQUIPMENT ROOM		NO FLOW	No	BOILER GAS LINE BLEED
35	2	35-002-OPN-61	DAYLIGHT	N/A	A164	EQUIPMENT ROOM		NO FLOW	No	BOILER TANK PRESSURE RELIEF
35	2	35-002-OPN-62	DAYLIGHT	N/A	A180	EQUIPMENT ROOM		NO FLOW	No	CHEMICAL TANK OVERFLOW
35	2	35-002-OPN-63	DAYLIGHT	N/A	A179	OFFICE AREA		ANNUAL TESTING	No	FIRE WATER
35	2	35-002-OPN-64	DAYLIGHT	N/A	A179	OFFICE AREA		ANNUAL TESTING	No	FIRE WATER
35	2	35-002-OPN-65	ATMOSPHERE	N/A	N/A	SANITARY SEWER SYSTEM		FLOW IS NIL	No	SANITARY VENT
35	2	35-002-OPN-66	N/A	N/A	A161	LABORATORY		NO FLOW	No	DISCONNECTED PIPE
35	2	35-002-OPN-67	DAYLIGHT	N/A	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM GUTTER
35	2	35-002-OPN-68	ATMOSPHERE	N/A	C102	LABORATORY		FLOW IS NIL	No	EXHAUST MANIFOLD
35	2	35-002-OPN-69	ATMOSPHERE	N/A	C106	LABORATORY		FLOW IS NIL	No	VACUUM PUMP EXHAUST
35	2	35-002-OPN-70	ATMOSPHERE	N/A	N/A	GAS CYLINDER STORAGE		FLOW IS NIL	No	GAS MANIFOLD VENT
35	2	35-002-OPN-71	ATMOSPHERE	N/A	N/A	GAS CYLINDER STORAGE		FLOW IS NIL	No	GAS MANIFOLD VENT
35	2	35-002-OPN-72	ATMOSPHERE	N/A	N/A	GAS CYLINDER STORAGE		FLOW IS NIL	No	GAS MANIFOLD VENT
35	2	35-002-OPN-73	DAYLIGHT	N/A	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM GUTTER
35	2	35-002-OPN-74	ATMOSPHERE	N/A	C118	LABORATORY		FLOW IS NIL	No	VACUUM PUMP EXHAUST
35	2	35-002-OPN-75	ATMOSPHERE	N/A	C10	EQUIPMENT ROOM		FLOW IS NIL	No	NATURAL GAS VENT
35	2	35-002-OPN-76	ATMOSPHERE	N/A	C10	EQUIPMENT ROOM		FLOW IS NIL	No	NATURAL GAS VENT
35	2	35-002-OPN-77	ATMOSPHERE	N/A	C12	EQUIPMENT ROOM		FLOW IS NIL	No	VACUUM PUMP VENT
35	2	35-002-OPN-78	ATMOSPHERE	N/A	C12	EQUIPMENT ROOM		FLOW IS NIL	No	VACUUM PUMP VENT
35	2	35-002-OPN-79	DAYLIGHT	1SD05	A128	LABORATORY		5 DAYS PER WEEK	No	LABORATORY SINK
35	2	35-002-OPN-79	DAYLIGHT	1SD21	A131	LABORATORY		5 DAYS PER WEEK	No	LABORATORY SINK
35	2	35-002-OPN-79	DAYLIGHT	1SD22	A131	LABORATORY		5 DAYS PER WEEK	No	LABORATORY SINK
35	3	35-003-OPN-0	DAYLIGHT	N/A	N/A	PHASE SEPARATION FACIL.		INDETERMINATE	No	LEAKAGE THROUGH DAMAGED WALLS
35	7	35-007-OPN-1	DAYLIGHT	N/A	N/A	CONTROLLED FILTER BLDG		ANNUAL TESTING	No	FIRE SYSTEM DRAIN
35	7	35-007-OPN-2	10S/SWSC	1FD1	N/A	CONTROLLED FILTER BLDG		NO FLOW	No	COVERED WITH CONCRETE

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
35	7	35-007-OPN-2	10S/SWSC	1FD10	N/A	CONTROLLED FILTER BLDG		NO FLOW	No	COVERED WITH CONCRETE
35	7	35-007-OPN-2	10S/SWSC	1FD11	N/A	CONTROLLED FILTER BLDG		NO FLOW	No	COVERED WITH CONCRETE
35	7	35-007-OPN-2	10S/SWSC	1FD12	N/A	CONTROLLED FILTER BLDG		NO FLOW	No	COVERED WITH CONCRETE
35	7	35-007-OPN-2	10S/SWSC	1FD13	N/A	CONTROLLED FILTER BLDG		NO FLOW	No	COVERED WITH CONCRETE
35	7	35-007-OPN-2	10S/SWSC	1FD14	N/A	CONTROLLED FILTER BLDG		NO FLOW	No	COVERED WITH CONCRETE
35	7	35-007-OPN-2	10S/SWSC	1FD15	N/A	CONTROLLED FILTER BLDG		NO FLOW	No	COVERED WITH CONCRETE
35	7	35-007-OPN-2	10S/SWSC	1FD15	N/A	CONTROLLED FILTER BLDG		NO FLOW	No	COVERED WITH CONCRETE
35	7	35-007-OPN-2	10S/SWSC	1FD16	N/A	CONTROLLED FILTER BLDG		NO FLOW	No	COVERED WITH CONCRETE
35	7	35-007-OPN-2	10S/SWSC	1FD17	N/A	CONTROLLED FILTER BLDG		NO FLOW	No	COVERED WITH CONCRETE
35	7	35-007-OPN-2	10S/SWSC	1FD18	N/A	CONTROLLED FILTER BLDG		NO FLOW	No	COVERED WITH CONCRETE
35	7	35-007-OPN-2	10S/SWSC	1FD19	N/A	CONTROLLED FILTER BLDG		NO FLOW	No	COVERED WITH CONCRETE
35	7	35-007-OPN-2	10S/SWSC	1FD2	N/A	CONTROLLED FILTER BLDG		NO FLOW	No	COVERED WITH CONCRETE
35	7	35-007-OPN-2	10S/SWSC	1FD20	N/A	CONTROLLED FILTER BLDG		NO FLOW	No	COVERED WITH CONCRETE
35	7	35-007-OPN-2	10S/SWSC	1FD21	N/A	CONTROLLED FILTER BLDG		NO FLOW	No	COVERED WITH CONCRETE
35	7	35-007-OPN-2	10S/SWSC	1FD3	N/A	CONTROLLED FILTER BLDG		NO FLOW	No	COVERED WITH CONCRETE
35	7	35-007-OPN-2	10S/SWSC	1FD4	N/A	CONTROLLED FILTER BLDG		NO FLOW	No	COVERED WITH CONCRETE
35	7	35-007-OPN-2	10S/SWSC	1FD5	N/A	CONTROLLED FILTER BLDG		NO FLOW	No	COVERED WITH CONCRETE
35	7	35-007-OPN-2	10S/SWSC	1FD6	N/A	CONTROLLED FILTER BLDG		NO FLOW	No	COVERED WITH CONCRETE
35	7	35-007-OPN-2	10S/SWSC	1FD7	N/A	CONTROLLED FILTER BLDG		NO FLOW	No	COVERED WITH CONCRETE
35	7	35-007-OPN-2	10S/SWSC	1FD8	N/A	CONTROLLED FILTER BLDG		NO FLOW	No	COVERED WITH CONCRETE
35	7	35-007-OPN-2	10S/SWSC	1FD9	N/A	CONTROLLED FILTER BLDG		NO FLOW	No	COVERED WITH CONCRETE
35	7	35-007-OPN-2	10S/SWSC	1SD1	N/A	CONTROLLED FILTER BLDG		NO FLOW	No	COVERED WITH CONCRETE
35	7	35-007-OPN-3	DAYLIGHT	N/A	N/A	CONTROLLED FILTER BLDG		FLOW IS NIL	No	FIRE SYSTEM DRAIN
35	7	35-007-OPN-4	DAYLIGHT	N/A	N/A	CONTROLLED FILTER BLDG		ANNUAL TESTING	No	FIRE SYSTEM DRAIN
35	7	35-007-OPN-5	DAYLIGHT	N/A	N/A	CONTROLLED FILTER BLDG		FLOW IS NIL	No	FIRE SYSTEM HOSE CONNECT
35	7	35-007-OPN-6	DAYLIGHT	N/A	N/A	CONTROLLED FILTER BLDG		MOSTLY SUMMER	Yes	STORM WATER
35	14	35-014-OPN-000	N/A	N/A	N/A	SEPTIC TANK		INDETERMINATE	No	STORM WATER WALL SEEPAGE
35	15	35-015-OPN-000	N/A	N/A	N/A	DOSING CHAMBER		INDETERMINATE	No	STORM WATER WALL SEEPAGE
35	25	35-25-OPN-1	DAYLIGHT	N/A	N/A	MACHINE SHOP		FLOW IS NIL	No	PRESSURE RELIF VALVE
35	25	35-25-OPN-2	ATMOSPHERE	N/A	N/A	MACHINE SHOP		NO LIQUID FLOW	No	ELECTRICAL TRANSFORMER VENT
35	25	35-25-OPN-3	DAYLIGHT	N/A	N/A	MACHINE SHOP		MOSTLY SUMMER	Yes	ROOF DOWNSPOUT
35	26	35-26-OPN-000	N/A	N/A	N/A	ANNEXED BUILDING		N/A	No	NOW PART OF BUILDING 2
35	27	35-027-OPN-000	N/A	BSS1	204	HALLWAY		NO FLOW	No	SAFETY SHOWER

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
35	27	35-027-OPN-01	10S/SWSC	BLV1	206	REST ROOM		5 DAYS PER WEEK	No	LAVATORY DRAIN
35	27	35-027-OPN-01	10S/SWSC	BTL1	206	REST ROOM		5 DAYS PER WEEK	No	TOILET DRAIN
35	27	35-027-OPN-01	10S/SWSC	BUR1	206	REST ROOM		5 DAYS PER WEEK	No	URINAL DRAIN
35	27	35-027-OPN-01	10S/SWSC	BWF1	100	CORRIDOR		NO FLOW	No	PLUGGED
35	27	35-027-OPN-01	10S/SWSC	BWF2	200	HALLWAY		5 DAYS PER WEEK	No	SINK TAP
35	27	35-027-OPN-01	10S/SWSC	BWF2	200	HALLWAY		5 DAYS PER WEEK	No	DRINKING FOUNTAIN
35	27	35-027-OPN-01	10S/SWSC	SBFD01	N/A	STORAGE AREA		FLOW IS NIL	No	FLOOR WASHINGS
35	27	35-027-OPN-01	10S/SWSC	SBFD02	N/A	STORAGE AREA		FLOW IS NIL	No	FLOOR WASHINGS
35	27	35-027-OPN-01	10S/SWSC	SBFD03	N/A	STORAGE AREA		FLOW IS NIL	No	FLOOR WASHINGS
35	27	35-027-OPN-01	10S/SWSC	SBFD04	N/A	STORAGE AREA		FLOW IS NIL	No	FLOOR WASHINGS
35	27	35-027-OPN-01	10S/SWSC	SBFD07	408	REST ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	27	35-027-OPN-01	10S/SWSC	SBFD08	414	HALLWAY		NO FLOW	No	PLUGGED
35	27	35-027-OPN-01	10S/SWSC	SBFD10	N/A	STORAGE AREA		NO FLOW	No	PLUGGED
35	27	35-027-OPN-01	10S/SWSC	SBFD11	N/A	STORAGE AREA		NO FLOW	No	PLUGGED
35	27	35-027-OPN-01	10S/SWSC	SBLV1	408	REST ROOM		5 DAYS PER WEEK	No	LAVATORY DRAIN
35	27	35-027-OPN-01	10S/SWSC	SBLV2	405L	REST ROOM		5 DAYS PER WEEK	No	LAVATORY DRAIN
35	27	35-027-OPN-01	10S/SWSC	SBLV3	405L	REST ROOM		5 DAYS PER WEEK	No	LAVATORY DRAIN
35	27	35-027-OPN-01	10S/SWSC	SBSD3	406	JANITOR'S CLOSET		ANNUAL TESTING	No	FIRE WATER
35	27	35-027-OPN-01	10S/SWSC	SBSD3	406	JANITOR'S CLOSET		5 DAYS PER WEEK	No	JANITOR'S SINK
35	27	35-027-OPN-01	10S/SWSC	SBSD3	406	JANITOR'S CLOSET		FLOW IS NIL	No	WATER COOLER DRAIN
35	27	35-027-OPN-01	10S/SWSC	SBSH1	408	REST ROOM		5 DAYS PER WEEK	No	SHOWER DRAIN
35	27	35-027-OPN-01	10S/SWSC	SBSH2	405L	REST ROOM		5 DAYS PER WEEK	No	SHOWER DRAIN
35	27	35-027-OPN-01	10S/SWSC	SBSP1	406	JANITOR'S CLOSET		5 DAYS PER WEEK	No	SANITARY WASTE SUMP
35	27	35-027-OPN-01	10S/SWSC	SBTL1	408	REST ROOM		5 DAYS PER WEEK	No	TOILET DRAIN
35	27	35-027-OPN-01	10S/SWSC	SBTL2	405L	REST ROOM		5 DAYS PER WEEK	No	TOILET DRAIN
35	27	35-027-OPN-01	10S/SWSC	SBTL3	405L	REST ROOM		5 DAYS PER WEEK	No	TOILET DRAIN
35	27	35-027-OPN-01	10S/SWSC	SBUR1	405L	REST ROOM		5 DAYS PER WEEK	No	URINAL DRAIN
35	27	35-027-OPN-01	10S/SWSC	SBWF1	414	HALLWAY		5 DAYS PER WEEK	No	DRINKING FOUNTAIN
35	27	35-027-OPN-02	10S/SWSC	1CD1	104A	CONTROLLED LAB		FLOW IS NIL	No	FUME HOOD CUP SINK
35	27	35-027-OPN-02	10S/SWSC	1CD2	104B	CONTROLLED LAB		FLOW IS NIL	No	FUME HOOD CUP SINK
35	27	35-027-OPN-02	10S/SWSC	1CD3	104B	CONTROLLED LAB		FLOW IS NIL	No	FUME HOOD CUP SINK
35	27	35-027-OPN-02	10S/SWSC	1FD01	107	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	27	35-027-OPN-02	10S/SWSC	1FD01	107	EQUIPMENT ROOM		FLOW IS NIL	No	COLD WATER DRAIN

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
35	27	35-027-OPN-02	10S/SWSC	1FD02	107	EQUIPMENT ROOM		FLOW IS NIL	No	COLD WATER AIR GAP (3)
35	27	35-027-OPN-02	10S/SWSC	1FD02	107	EQUIPMENT ROOM		FLOW IS NIL	No	COMPRESSED AIR TANK DRAIN
35	27	35-027-OPN-02	10S/SWSC	1FD02	107	EQUIPMENT ROOM		FLOW IS NIL	No	COLD WATER AIR GAP (2)
35	27	35-027-OPN-02	10S/SWSC	1FD02	107	EQUIPMENT ROOM		FLOW IS NIL	No	COLD WATER AIR GAP (1)
35	27	35-027-OPN-02	10S/SWSC	1FD03	106	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	27	35-027-OPN-02	10S/SWSC	1FD03	106	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	27	35-027-OPN-02	10S/SWSC	1FD03	106	EQUIPMENT ROOM		FLOW IS NIL	No	COLD WATER BACKFLOW PREV. (1)
35	27	35-027-OPN-02	10S/SWSC	1FD03	106	EQUIPMENT ROOM		FLOW IS NIL	No	STEAM LINE DRAIN
35	27	35-027-OPN-02	10S/SWSC	1FD04	106	EQUIPMENT ROOM		FLOW IS NIL	No	COLD WATER BACKFLOW PREV. (2)
35	27	35-027-OPN-02	10S/SWSC	1FD04	106	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	27	35-027-OPN-02	10S/SWSC	1FD04	106	EQUIPMENT ROOM		FLOW IS NIL	No	HOT WATER AIR GAP (2)
35	27	35-027-OPN-02	10S/SWSC	1FD04	106	EQUIPMENT ROOM		FLOW IS NIL	No	HOT WATER AIR GAP (1)
35	27	35-027-OPN-02	10S/SWSC	1FD04	106	EQUIPMENT ROOM		FLOW IS NIL	No	BOILER DRAIN
35	27	35-027-OPN-02	10S/SWSC	1FD05	107	EQUIPMENT ROOM		FLOW IS NIL	No	HOT WATER AIR GAP (2)
35	27	35-027-OPN-02	10S/SWSC	1FD05	107	EQUIPMENT ROOM		FLOW IS NIL	No	HOT WATER AIR GAP (1)
35	27	35-027-OPN-02	10S/SWSC	1FD05	107	EQUIPMENT ROOM		FLOW IS NIL	No	CONDENSED WATER (1)
35	27	35-027-OPN-02	10S/SWSC	1FD05	107	EQUIPMENT ROOM		FLOW IS NIL	No	CONDENSED WATER (2)
35	27	35-027-OPN-02	10S/SWSC	1FD05	107	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	27	35-027-OPN-02	10S/SWSC	1FD05	107	EQUIPMENT ROOM		FLOW IS NIL	No	SINK DRAINAGE FROM 1SD1
35	27	35-027-OPN-02	10S/SWSC	1FD06	107	EQUIPMENT ROOM		FLOW IS NIL	No	NATURAL GAS ENGINE DRAINAGE
35	27	35-027-OPN-02	10S/SWSC	1FD06	107	EQUIPMENT ROOM		FLOW IS NIL	No	ENGINE BATTERY DRAINAGE
35	27	35-027-OPN-02	10S/SWSC	1FD06	107	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	27	35-027-OPN-02	10S/SWSC	1FD06	107	EQUIPMENT ROOM		FLOW IS NIL	No	HOT WATER AIR GAP
35	27	35-027-OPN-02	10S/SWSC	1FD06	107	EQUIPMENT ROOM		FLOW IS NIL	No	HOT WATER AIR GAP
35	27	35-027-OPN-02	10S/SWSC	1FD07	107	EQUIPMENT ROOM		FLOW IS NIL	No	CONDENSED WATER
35	27	35-027-OPN-02	10S/SWSC	1FD07	107	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	27	35-027-OPN-02	10S/SWSC	1FD08	107	EQUIPMENT ROOM		FLOW IS NIL	No	COOLER WATER
35	27	35-027-OPN-02	10S/SWSC	1FD08	107	EQUIPMENT ROOM		FLOW IS NIL	No	EVAPORATIVE COOLER DRAIN
35	27	35-027-OPN-02	10S/SWSC	1FD08	107	EQUIPMENT ROOM		FLOW IS NIL	No	CONDENSED WATER (4)
35	27	35-027-OPN-02	10S/SWSC	1FD08	107	EQUIPMENT ROOM		FLOW IS NIL	No	CONDENSED WATER (3)
35	27	35-027-OPN-02	10S/SWSC	1FD08	107	EQUIPMENT ROOM		FLOW IS NIL	No	EVAPORATIVE COOLER DRAIN
35	27	35-027-OPN-02	10S/SWSC	1FD08	107	EQUIPMENT ROOM		FLOW IS NIL	No	CONDENSED WATER (2)
35	27	35-027-OPN-02	10S/SWSC	1FD08	107	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
35	27	35-027-OPN-02	10S/SWSC	1FD08	107	EQUIPMENT ROOM		FLOW IS NIL	No	EVAPORATIVE COOLER DRAIN
35	27	35-027-OPN-02	10S/SWSC	1FD08	107	EQUIPMENT ROOM		FLOW IS NIL	No	CONDENSED WATER (1)
35	27	35-027-OPN-02	10S/SWSC	1FD08	107	EQUIPMENT ROOM		FLOW IS NIL	No	COOLING UNIT DRAIN
35	27	35-027-OPN-02	10S/SWSC	1FD09	107	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	27	35-027-OPN-02	10S/SWSC	1FD09	107	EQUIPMENT ROOM		FLOW IS NIL	No	HOT WATER AIR GAP (1)
35	27	35-027-OPN-02	10S/SWSC	1FD09	107	EQUIPMENT ROOM		FLOW IS NIL	No	HOT WATER AIR GAP (2)
35	27	35-027-OPN-02	10S/SWSC	1FD10	107	EQUIPMENT ROOM		FLOW IS NIL	No	CONDENSED WATER (3)
35	27	35-027-OPN-02	10S/SWSC	1FD10	107	EQUIPMENT ROOM		FLOW IS NIL	No	CONDENSED WATER (1)
35	27	35-027-OPN-02	10S/SWSC	1FD10	107	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	27	35-027-OPN-02	10S/SWSC	1FD10	107	EQUIPMENT ROOM		FLOW IS NIL	No	CONDENSED WATER (2)
35	27	35-027-OPN-02	10S/SWSC	1FD11	107	EQUIPMENT ROOM		FLOW IS NIL	No	SURGE TANK DRAIN (2)
35	27	35-027-OPN-02	10S/SWSC	1FD11	107	EQUIPMENT ROOM		FLOW IS NIL	No	CONDENSED WATER (1)
35	27	35-027-OPN-02	10S/SWSC	1FD11	107	EQUIPMENT ROOM		FLOW IS NIL	No	SURGE TANK DRAIN (1)
35	27	35-027-OPN-02	10S/SWSC	1FD11	107	EQUIPMENT ROOM		FLOW IS NIL	No	CONDENSED WATER (2)
35	27	35-027-OPN-02	10S/SWSC	1FD11	107	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	27	35-027-OPN-02	10S/SWSC	1FD12	107	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	27	35-027-OPN-02	10S/SWSC	1FD12	107	EQUIPMENT ROOM		FLOW IS NIL	No	CONDENSED WATER (2)
35	27	35-027-OPN-02	10S/SWSC	1FD12	107	EQUIPMENT ROOM		FLOW IS NIL	No	CONDENSED WATER (1)
35	27	35-027-OPN-02	10S/SWSC	1FD12	107	EQUIPMENT ROOM		FLOW IS NIL	No	COOLER DRAIN (2)
35	27	35-027-OPN-02	10S/SWSC	1FD12	107	EQUIPMENT ROOM		FLOW IS NIL	No	HOT WATER AIR GAP
35	27	35-027-OPN-02	10S/SWSC	1FD12	107	EQUIPMENT ROOM		FLOW IS NIL	No	COOLER DRAIN (1)
35	27	35-027-OPN-02	10S/SWSC	1FD13	107	EQUIPMENT ROOM		FLOW IS NIL	No	COOLER DRAIN (2)
35	27	35-027-OPN-02	10S/SWSC	1FD13	107	EQUIPMENT ROOM		FLOW IS NIL	No	COOLER DRAIN (1)
35	27	35-027-OPN-02	10S/SWSC	1FD13	107	EQUIPMENT ROOM		FLOW IS NIL	No	COLD WATER PUMP DRAIN
35	27	35-027-OPN-02	10S/SWSC	1FD13	107	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	27	35-027-OPN-02	10S/SWSC	1FD14	107	EQUIPMENT ROOM		NO FLOW	No	PLUGGED
35	27	35-027-OPN-02	10S/SWSC	1FD15	107	EQUIPMENT ROOM		FLOW IS NIL	No	STEAM PRESSURE RELIEF (2)
35	27	35-027-OPN-02	10S/SWSC	1FD15	107	EQUIPMENT ROOM		FLOW IS NIL	No	STEAM PRESSURE RELIEF (1)
35	27	35-027-OPN-02	10S/SWSC	1FD15	107	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	27	35-027-OPN-02	10S/SWSC	1FD15	107	EQUIPMENT ROOM		FLOW IS NIL	No	HOT WATER AIR GAP
35	27	35-027-OPN-02	10S/SWSC	1FD15	107	EQUIPMENT ROOM		FLOW IS NIL	No	BOILER DRAIN (2)
35	27	35-027-OPN-02	10S/SWSC	1FD15	107	EQUIPMENT ROOM		FLOW IS NIL	No	BOILER DRAIN (1)
35	27	35-027-OPN-02	10S/SWSC	1FD16	107	EQUIPMENT ROOM		FLOW IS NIL	No	BOILER DRAIN (2)

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
35	27	35-027-OPN-02	10S/SWSC	1FD16	107	EQUIPMENT ROOM		FLOW IS NIL	No	PUMP DRAIN
35	27	35-027-OPN-02	10S/SWSC	1FD16	107	EQUIPMENT ROOM		FLOW IS NIL	No	FILTER DRAIN
35	27	35-027-OPN-02	10S/SWSC	1FD16	107	EQUIPMENT ROOM		FLOW IS NIL	No	BOILER DRAIN (1)
35	27	35-027-OPN-02	10S/SWSC	1FD16	107	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	27	35-027-OPN-02	10S/SWSC	1FD19	109	CORRIDOR		FLOW IS NIL	No	FLOOR WASHINGS
35	27	35-027-OPN-02	10S/SWSC	1FD19	109	CORRIDOR		FLOW IS NIL	No	HOT WATER PRESSURE RELIEF
35	27	35-027-OPN-02	10S/SWSC	BSD1	208	JANITOR'S CLOSET		FLOW IS NIL	No	CONDENSED WATER
35	27	35-027-OPN-02	10S/SWSC	BSD1	208	JANITOR'S CLOSET		5 DAYS PER WEEK	No	JANITOR'S SINK
35	27	35-027-OPN-02	10S/SWSC	SBFD05	405	CORRIDOR		NO FLOW	No	PLUGGED
35	27	35-027-OPN-02	10S/SWSC	SBFD06	405I	OFFICE AREA		NO FLOW	No	PLUGGED
35	27	35-027-OPN-02	10S/SWSC	SBFD13	405J	OFFICE AREA		NO FLOW	No	PLUGGED
35	27	35-027-OPN-02	10S/SWSC	SBSD2	405H	OFFICE AREA		5 DAYS PER WEEK	No	COUNTERTOP SINK
35	27	35-027-OPN-02	10S/SWSC	SBSP2	413	CORRIDOR		5 DAYS PER WEEK	No	SANITARY WASTE SUMP
35	27	35-027-OPN-03	10S/SWSC	1FD17	109A	REST ROOM		NO FLOW	No	PLUGGED
35	27	35-027-OPN-03	10S/SWSC	1FD18	109	CORRIDOR		NO FLOW	No	PLUGGED
35	27	35-027-OPN-03	10S/SWSC	1LV1	109A	REST ROOM		5 DAYS PER WEEK	No	LAVATORY DRAIN
35	27	35-027-OPN-03	10S/SWSC	1LV2	109B	REST ROOM		5 DAYS PER WEEK	No	LAVATORY DRAIN
35	27	35-027-OPN-03	10S/SWSC	1TL1	109A	REST ROOM		5 DAYS PER WEEK	No	TOILET DRAIN
35	27	35-027-OPN-03	10S/SWSC	1TL2	109A	REST ROOM		5 DAYS PER WEEK	No	TOILET DRAIN
35	27	35-027-OPN-03	10S/SWSC	1TL3	109B	REST ROOM		5 DAYS PER WEEK	No	TOILET DRAIN
35	27	35-027-OPN-03	10S/SWSC	1TL4	109B	REST ROOM		5 DAYS PER WEEK	No	TOILET DRAIN
35	27	35-027-OPN-03	10S/SWSC	1UR1	109A	REST ROOM		5 DAYS PER WEEK	No	URINAL DRAIN
35	27	35-027-OPN-03	10S/SWSC	1WF1	109	CORRIDOR		5 DAYS PER WEEK	No	DRINKING FOUNTAIN
35	27	35-027-OPN-03	10S/SWSC	1WF2	105	CORRIDOR		5 DAYS PER WEEK	No	CONDENSED WATER (6)
35	27	35-027-OPN-03	10S/SWSC	1WF2	105	CORRIDOR		5 DAYS PER WEEK	No	CONDENSED WATER (1)
35	27	35-027-OPN-03	10S/SWSC	1WF2	105	CORRIDOR		5 DAYS PER WEEK	No	CONDENSED WATER (2)
35	27	35-027-OPN-03	10S/SWSC	1WF2	105	CORRIDOR		5 DAYS PER WEEK	No	CONDENSED WATER (3)
35	27	35-027-OPN-03	10S/SWSC	1WF2	105	CORRIDOR		5 DAYS PER WEEK	No	CONDENSED WATER (4)
35	27	35-027-OPN-03	10S/SWSC	1WF2	105	CORRIDOR		5 DAYS PER WEEK	No	CONDENSED WATER (5)
35	27	35-027-OPN-03	10S/SWSC	1WF2	105	CORRIDOR		5 DAYS PER WEEK	No	DRINKING FOUNTAIN
35	27	35-027-OPN-04	DAYLIGHT	N/A	107	EQUIPMENT ROOM		FLOW IS NIL	No	STEAM VENT DRAIN
35	27	35-027-OPN-05	DAYLIGHT	N/A	107	EQUIPMENT ROOM		ANNUAL TESTING	No	FIRE WATER
35	27	35-027-OPN-06	DAYLIGHT	N/A	107	EQUIPMENT ROOM		ANNUAL TESTING	No	FIRE WATER

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
35	27	35-027-OPN-07	DAYLIGHT	N/A	104C	EQUIPMENT ROOM		FLOW IS NIL	No	CONDENSED WATER
35	27	35-027-OPN-08	DAYLIGHT	N/A	107	EQUIPMENT ROOM		FLOW IS NIL	No	PRESSURE RELIEF VALVE
35	27	35-027-OPN-09	DAYLIGHT	N/A	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	27	35-027-OPN-10	DAYLIGHT	N/A	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	27	35-027-OPN-11	DAYLIGHT	N/A	106	EQUIPMENT ROOM		ANNUAL TESTING	No	FIRE WATER
35	27	35-027-OPN-12	DAYLIGHT	N/A	104C	EQUIPMENT ROOM		FLOW IS NIL	No	BACKFLOW PREVENTER
35	27	35-027-OPN-13	DAYLIGHT	N/A	104C	EQUIPMENT ROOM		ANNUAL TESTING	No	FIRE WATER
35	29	35-029-OPN-1	DAYLIGHT	RD1	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	29	35-029-OPN-1	DAYLIGHT	RD2	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	29	35-029-OPN-1	DAYLIGHT	RD3	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	29	35-029-OPN-2	10S/SWSC	1ED1	N/A	EQUIPMENT AREA		FLOW IS NIL	No	FLOOR WASHINGS
35	29	35-029-OPN-2	10S/SWSC	SBFD1	N/A	HALLWAY		FLOW IS NIL	No	INSULATING OIL LEAKAGE
35	29	35-029-OPN-2	10S/SWSC	SBFD1	N/A	HALLWAY		FLOW IS NIL	No	FLOOR WASHINGS
35	29	35-029-OPN-2	10S/SWSC	SBFD1	N/A	HALLWAY		FLOW IS NIL	No	WATER TANK LEAKAGE/OVERFLOW
35	29	35-029-OPN-2	10S/SWSC	SBFD2	N/A	HALLWAY		FLOW IS NIL	No	INSULATING OIL LEAKAGE
35	29	35-029-OPN-2	10S/SWSC	SBFD2	N/A	HALLWAY		FLOW IS NIL	No	FLOOR WASHINGS
35	29	35-029-OPN-2	10S/SWSC	SBFD2	N/A	HALLWAY		FLOW IS NIL	No	WATER TANK LEAKAGE/OVERFLOW
35	29	35-029-OPN-2	10S/SWSC	SBSP1	N/A	HALLWAY		FLOW IS NIL	No	SANITARY WASTE SUMP
35	29	35-029-OPN-3	DAYLIGHT	N/A	N/A	EQUIPMENT AREA		FLOW IS NIL	No	HOT WATER PRESSURE RELIEF
35	29	35-029-OPN-4	DAYLIGHT	N/A	N/A	EQUIPMENT AREA		ANNUAL TESTING	No	FIRE WATER
35	29	35-029-OPN-5	DAYLIGHT	N/A	N/A	EQUIPMENT AREA		ANNUAL TESTING	No	FIRE WATER
35	29	35-029-OPN-6	DAYLIGHT	N/A	N/A	EQUIPMENT AREA		FLOW IS NIL	No	COLD WATER BACKFLOW PREV. (1)
35	29	35-029-OPN-6	DAYLIGHT	N/A	N/A	EQUIPMENT AREA		FLOW IS NIL	No	COLD WATER BACKFLOW PREV. (2)
35	29	35-029-OPN-7	DAYLIGHT	N/A	N/A	EQUIPMENT AREA		FLOW IS NIL	No	FIRE HOSE CONNECT
35	29	35-029-OPN-8	DAYLIGHT	N/A	N/A	EQUIPMENT AREA		ANNUAL TESTING	No	FIRE WATER
35	29	35-029-OPN-9	10S/SWSC	1SD1	N/A	EQUIPMENT AREA		FLOW IS NIL	No	NO CHANGE
35	29	35-029-OPN-9	10S/SWSC	1SD2	N/A	EQUIPMENT AREA		NO FLOW	No	PLUGGED
35	33	35-033-OPN-1	DAYLIGHT	N/A	N/A	COOLING TOWER		NO FLOW	No	UNUSED COOLING TWR. BLOWDOWN
35	33	35-033-OPN-2	DAYLIGHT	N/A	N/A	COOLING TOWER		NO FLOW	No	UNUSED COOLING TWR. DRAIN
35	34	35-034-OPN-1	DAYLIGHT	RD1	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	34	35-034-OPN-1	DAYLIGHT	RD2	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	34	35-034-OPN-1	DAYLIGHT	RD3	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	34	35-034-OPN-2	DAYLIGHT	N/A	100	CONTROLLED EQUIPMENT		FLOW IS NIL	No	AIR COMPRESSOR VENT

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES	
35	34	35-034-OPN-3	DAYLIGHT	N/A	100	CONTROLLED EQUIPMENT			FLOW IS NIL	No	BACKFLOW PREVENTER
35	34	35-034-OPN-4	DAYLIGHT	N/A	102	EQUIPMENT ROOM			FLOW IS NIL	No	DISCONNECTED PIPE
35	34	35-034-OPN-5	DAYLIGHT	1WH1	103	EQUIPMENT ROOM			FLOW IS NIL	No	HOT WATER PRESSURE RELIEF
35	34	35-034-OPN-6	DAYLIGHT	1ED4	103	EQUIPMENT ROOM			NO FLOW	No	CAPPED
35	34	35-034-OPN-6	DAYLIGHT	1ED5	103	EQUIPMENT ROOM			NO FLOW	No	CAPPED
35	34	35-034-OPN-7	10S/SWSC	1ED1	100	CONTROLLED EQUIPMENT			FLOW IS NIL	No	FLOOR WASHINGS
35	34	35-034-OPN-7	10S/SWSC	1ED2	100	CONTROLLED EQUIPMENT			FLOW IS NIL	No	HOT WATER PRESSURE RELIEF
35	34	35-034-OPN-7	10S/SWSC	1ED2	100	CONTROLLED EQUIPMENT			FLOW IS NIL	No	FLOOR WASHINGS
35	34	35-034-OPN-7	10S/SWSC	1ED3	100	CONTROLLED EQUIPMENT			FLOW IS NIL	No	FLOOR WASHINGS
35	34	35-034-OPN-7	10S/SWSC	1FD1	100	CONTROLLED EQUIPMENT			FLOW IS NIL	No	COVERED
35	34	35-034-OPN-7	10S/SWSC	1FD2	100	CONTROLLED EQUIPMENT			FLOW IS NIL	No	FLOOR WASHINGS
35	34	35-034-OPN-7	10S/SWSC	1FD3	100	CONTROLLED EQUIPMENT			FLOW IS NIL	No	FLOOR WASHINGS
35	34	35-034-OPN-7	10S/SWSC	1SD1	103	EQUIPMENT ROOM			NO FLOW	No	CAPPED
35	34	35-034-OPN-7	10S/SWSC	WH	100	CONTROLLED EQUIPMENT			FLOW IS NIL	No	HOT WATER PRESSURE RELIEF
35	35	35-029-OPN-2	10S/SWSC	1FD1	N/A	CONTROL TUNNEL			FLOW IS NIL	No	FLOOR WASHINGS
35	43	35-43-OPN-000	ND	N/A	N/A	SODIUM STORAGE BUNKER			NO FLOW	No	NO DRAINS
35	46	35-046-OPN-01	10S/SWSC	1FD6	108	EQUIPMENT ROOM			FLOW IS NIL	No	COVERED
35	46	35-046-OPN-01	10S/SWSC	1FD7	108	EQUIPMENT ROOM			FLOW IS NIL	No	HOT WATER BACKFLOW PREV.
35	46	35-046-OPN-01	10S/SWSC	1FD7	108	EQUIPMENT ROOM			FLOW IS NIL	No	BOILER DRAIN (1)
35	46	35-046-OPN-01	10S/SWSC	1FD7	108	EQUIPMENT ROOM			FLOW IS NIL	No	FLOOR WASHINGS
35	46	35-046-OPN-01	10S/SWSC	1FD7	108	EQUIPMENT ROOM			FLOW IS NIL	No	BOILER DRAIN (2)
35	46	35-046-OPN-01	10S/SWSC	1FD7	108	EQUIPMENT ROOM			FLOW IS NIL	No	CONDENSED WATER
35	46	35-046-OPN-01	10S/SWSC	1FD7	108	EQUIPMENT ROOM			FLOW IS NIL	No	HOT WATER SURGE TANK DRAIN
35	46	35-046-OPN-01	10S/SWSC	1FD7	108	EQUIPMENT ROOM			FLOW IS NIL	No	HOT WATER LINE DRAIN
35	46	35-046-OPN-01	10S/SWSC	1FD7	108	EQUIPMENT ROOM			FLOW IS NIL	No	SURGE TANK DRAIN
35	46	35-046-OPN-01	10S/SWSC	1FD7	108	EQUIPMENT ROOM			FLOW IS NIL	No	AIR COMPRESSOR DRAIN
35	46	35-046-OPN-01	10S/SWSC	1FD7	108	EQUIPMENT ROOM			FLOW IS NIL	No	COLD WATER BACKFLOW PREV.
35	46	35-046-OPN-01	10S/SWSC	1FD7	108	EQUIPMENT ROOM			FLOW IS NIL	No	BOILER PRESSURE RELIEF
35	46	35-046-OPN-01	10S/SWSC	1FD8	108	EQUIPMENT ROOM			FLOW IS NIL	No	FLOOR WASHINGS
35	46	35-046-OPN-01	10S/SWSC	1FD8	108	EQUIPMENT ROOM			FLOW IS NIL	No	OILY PUMP DRAINAGE
35	46	35-046-OPN-02	DAYLIGHT	N/A	108	EQUIPMENT ROOM			ANNUAL TESTING	No	FIRE WATER
35	46	35-046-OPN-03	DAYLIGHT	N/A	108	EQUIPMENT ROOM			ANNUAL TESTING	No	FIRE WATER
35	46	35-046-OPN-04	DAYLIGHT	N/A	108	EQUIPMENT ROOM			FLOW IS NIL	No	FIRE HOSE CONNECT

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
35	46	35-046-OPN-05	DAYLIGHT	N/A	108	EQUIPMENT ROOM		ANNUAL TESTING	No	FIRE WATER
35	46	35-046-OPN-06	DAYLIGHT	N/A	108	EQUIPMENT ROOM		ANNUAL TESTING	No	FIRE WATER
35	46	35-046-OPN-07	DAYLIGHT	1BFP1	100	EQUIPMENT ROOM		FLOW IS NIL	No	BACKFLOW PREVENTER
35	46	35-046-OPN-08	DAYLIGHT	WH	100	EQUIPMENT ROOM		FLOW IS NIL	No	HOT WATER PRESSURE RELIEF
35	46	35-046-OPN-09	DAYLIGHT	N/A	100	EQUIPMENT ROOM		ANNUAL TESTING	No	FIRE WATER
35	46	35-046-OPN-10	10S/SWSC	1FD1	100	OFFICE AREA		NO FLOW	No	COVERED
35	46	35-046-OPN-10	10S/SWSC	1FD2	100	OFFICE AREA		NO FLOW	No	COVERED
35	46	35-046-OPN-10	10S/SWSC	1FD3	100	OFFICE AREA		NO FLOW	No	COVERED
35	46	35-046-OPN-10	10S/SWSC	1FD4	101	LASER LABORATORY		NO FLOW	No	COVERED
35	46	35-046-OPN-10	10S/SWSC	1FD5	N/A	REST ROOM		5 DAYS PER WEEK	No	FLOOR WASHINGS
35	46	35-046-OPN-10	10S/SWSC	1LV1	N/A	REST ROOM		5 DAYS PER WEEK	No	LAVATORY DRAIN
35	46	35-046-OPN-10	10S/SWSC	1SD1	100	EQUIPMENT ROOM		5 DAYS PER WEEK	No	UTILITY SINK
35	46	35-046-OPN-10	10S/SWSC	1TL1	N/A	REST ROOM		5 DAYS PER WEEK	No	TOILET DRAIN
35	46	35-046-OPN-10	10S/SWSC	1UR1	N/A	REST ROOM		5 DAYS PER WEEK	No	URINAL DRAIN
35	46	35-046-OPN-11	DAYLIGHT	N/A	103	EQUIPMENT ROOM		FLOW IS NIL	No	BACKFLOW PREVENTER
35	53	35-053-OPN-000	ND	N/A	N/A	ELECTRICAL BOX		NO FLOW	No	NO DRAINS
35	56	35-056-OPN-000	ND	N/A	N/A	MANIFOLD		NO FLOW	No	NO DRAINS
35	66	35-066-OPN-000	ND	N/A	N/A	ELECTRICAL BOX		NO FLOW	No	NO DRAINS
35	67	35-067-OPN-01	DAYLIGHT	1ED1	N/A	EQUIPMENT ROOM		ANNUAL TESTING	No	FIRE SYSTEM DRAIN
35	67	35-067-OPN-01	DAYLIGHT	1ED1	N/A	EQUIPMENT ROOM		FLOW IS NIL	No	PIPE CONDENSATE DRAIN
35	67	35-067-OPN-02	DAYLIGHT	1BFP1	N/A	EQUIPMENT ROOM		FLOW IS NIL	No	BACKFLOW PREVENTER DRAIN
35	67	35-067-OPN-03	10S/SWSC	1FD1	N/A	EQUIPMENT ROOM		NO FLOW	No	PLUGGED
35	67	35-067-OPN-03	10S/SWSC	1SD1	N/A	EQUIPMENT ROOM		FLOW IS NIL	No	UTILITY SINK
35	67	35-067-OPN-04	DAYLIGHT	WH	N/A	EQUIPMENT ROOM		FLOW IS NIL	No	HOT WATER PRESSURE RELIEF
35	67	35-067-OPN-05	DAYLIGHT	N/A	N/A	EQUIPMENT ROOM		ANNUAL TESTING	No	FIRE WATER
35	67	35-067-OPN-06	DAYLIGHT	N/A	N/A	EQUIPMENT ROOM		ANNUAL TESTING	No	FIRE WATER
35	67	35-067-OPN-07	DAYLIGHT	N/A	N/A	EQUIPMENT ROOM		FLOW IS NIL	No	AIR COMPRESSOR DRAIN
35	67	35-067-OPN-08	DAYLIGHT	N/A	N/A	EQUIPMENT ROOM		FLOW IS NIL	No	COMPRESSED AIR TANK DRAIN
35	67	35-067-OPN-09	DAYLIGHT	N/A	N/A	EQUIPMENT ROOM		FLOW IS NIL	No	PRESSURE RELIEF VALVE
35	67	35-067-OPN-10	DAYLIGHT	N/A	N/A	EQUIPMENT ROOM		ANNUAL TESTING	No	FIRE WATER
35	67	35-067-OPN-11	DAYLIGHT	N/A	N/A	EQUIPMENT ROOM		FLOW IS NIL	No	FIRE HOSE CONNECT
35	67	35-067-OPN-12	DAYLIGHT	N/A	N/A	EQUIPMENT ROOM		NO FLOW	No	DISCONNECTED PIPE
35	67	35-067-OPN-13	DAYLIGHT	N/A	N/A	EQUIPMENT ROOM		ANNUAL TESTING	No	FIRE WATER

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES	
35	67	35-067-OPN-14	DAYLIGHT	N/A	ROOF	ROOF			MOSTLY SUMMER	Yes	ROOF DOWNSPOUT
35	67	35-067-OPN-15	DAYLIGHT	N/A	ROOF	ROOF			MOSTLY SUMMER	Yes	ROOF DOWNSPOUT
35	67	35-067-OPN-16	DAYLIGHT	N/A	N/A	EQUIPMENT ROOM			NO FLOW	No	VENT DUCT
35	67	35-067-OPN-17	DAYLIGHT	N/A	N/A	EQUIPMENT ROOM			ANNUAL TESTING	No	FIRE WATER
35	67	35-067-OPN-18	DAYLIGHT	N/A	N/A	EQUIPMENT ROOM			NO FLOW	No	DISCONNECTED PIPE
35	67	35-067-OPN-19	DAYLIGHT	N/A	N/A	EQUIPMENT ROOM			FLOW IS NIL	No	BACKFLOW PREVENTER
35	67	35-067-OPN-19	DAYLIGHT	N/A	N/A	EQUIPMENT ROOM			FLOW IS NIL	No	AIR LINE DRAIN
35	67	35-067-OPN-20	DAYLIGHT	N/A	N/A	EQUIPMENT ROOM			NO FLOW	No	VENT DUCT
35	68	35-068-OPN-1	DAYLIGHT	RD1	ROOF	ROOF			MOSTLY SUMMER	Yes	STORM WATER
35	68	35-068-OPN-2	N/A	N/A	N/A	DISCONNECTED PIPE			NO FLOW	No	PLUGGED PIPE
35	68	35-068-OPN-3	DAYLIGHT	RD2	ROOF	ROOF			MOSTLY SUMMER	Yes	STORM WATER
35	68	35-068-OPN-3	DAYLIGHT	RD3	ROOF	ROOF			FLOW IS NIL	No	CONDENSED WATER
35	68	35-068-OPN-3	DAYLIGHT	RD3	ROOF	ROOF			MOSTLY SUMMER	Yes	STORM WATER
35	68	35-068-OPN-3	DAYLIGHT	RD4	ROOF	ROOF			MOSTLY SUMMER	Yes	STORM WATER
35	68	35-068-OPN-4	DAYLIGHT	RD8	ROOF	ROOF			MOSTLY SUMMER	Yes	STORM WATER
35	68	35-068-OPN-4	DAYLIGHT	RD9	ROOF	ROOF			MOSTLY SUMMER	Yes	STORM WATER
35	68	35-068-OPN-5	DAYLIGHT	RD7	ROOF	ROOF			MOSTLY SUMMER	Yes	STORM WATER
35	68	35-068-OPN-6	10S/SWSC	1FD1	118	EQUIPMENT ROOM			FLOW IS NIL	No	BACKFLOW PREVENTER
35	68	35-068-OPN-6	10S/SWSC	1FD1	118	EQUIPMENT ROOM			FLOW IS NIL	No	BOILER DRAIN
35	68	35-068-OPN-6	10S/SWSC	1FD1	118	EQUIPMENT ROOM			FLOW IS NIL	No	SINK DRAINAGE FROM 1SD1
35	68	35-068-OPN-6	10S/SWSC	1FD1	118	EQUIPMENT ROOM			FLOW IS NIL	No	FLOOR WASHINGS
35	68	35-068-OPN-6	10S/SWSC	1FD1	118	EQUIPMENT ROOM			FLOW IS NIL	No	HOT WATER PRESSURE RELIEF
35	68	35-068-OPN-6	10S/SWSC	1FD1	118	EQUIPMENT ROOM			FLOW IS NIL	No	BOILER PRESSURE RELIEF
35	68	35-068-OPN-6	10S/SWSC	1FD1	118	EQUIPMENT ROOM			NO FLOW	No	CAPPED PIPE
35	68	35-068-OPN-6	10S/SWSC	1FD1	118	EQUIPMENT ROOM			FLOW IS NIL	No	STEAM LINE DRAIN
35	68	35-068-OPN-6	10S/SWSC	1FD1	118	EQUIPMENT ROOM			FLOW IS NIL	No	EXPANSION TANK DRAIN
35	68	35-068-OPN-6	10S/SWSC	1LV1	116	REST ROOM			5 DAYS/WEEK	No	LAVATORY DRAIN
35	68	35-068-OPN-6	10S/SWSC	1LV2	112	REST ROOM			5 DAYS/WEEK	No	LAVATORY DRAIN
35	68	35-068-OPN-6	10S/SWSC	1SD1	120	OFFICE AREA			5 DAYS/WEEK	No	COUNTERTOP SINK
35	68	35-068-OPN-6	10S/SWSC	1SD2	114	JANITOR'S CLOSET			5 DAYS/WEEK	No	JANITOR'S SINK
35	68	35-068-OPN-6	10S/SWSC	1TL1	116	REST ROOM			5 DAYS/WEEK	No	TOILET DRAIN
35	68	35-068-OPN-6	10S/SWSC	1TL2	112	REST ROOM			5 DAYS/WEEK	No	TOILET DRAIN
35	68	35-068-OPN-6	10S/SWSC	1UR1	116	REST ROOM			5 DAYS/WEEK	No	URINAL DRAIN

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
35	68	35-068-OPN-6	10S/SWSC	1WF1	120	HALLWAY		5 DAYS/WEEK	No	DRINKING FOUNTAIN
35	68	35-068-OPN-6	10S/SWSC	WH	118	EQUIPMENT ROOM		FLOW IS NIL	No	HOT WATER PRESSURE RELIEF
35	85	35-085-OPN-01	DAYLIGHT	N/A	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER DOWNSPOUT
35	85	35-085-OPN-02	DAYLIGHT	N/A	103	EQUIPMENT ROOM		ANNUAL TESTING	No	FIRE WATER
35	85	35-085-OPN-03	DAYLIGHT	RD1	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	85	35-085-OPN-04	DAYLIGHT	RD2	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	85	35-085-OPN-05	DAYLIGHT	RD3	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	85	35-085-OPN-06	DAYLIGHT	RD4	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	85	35-085-OPN-07	DAYLIGHT	RD5	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	85	35-085-OPN-08	DAYLIGHT	RD6	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	85	35-085-OPN-09	DAYLIGHT	N/A	115	EQUIPMENT ROOM		ANNUAL TESTING	No	FIRE WATER
35	85	35-085-OPN-10	DAYLIGHT	N/A	115	EQUIPMENT ROOM		FLOW IS NIL	No	FIRE HOSE CONNECT
35	85	35-085-OPN-11	DAYLIGHT	N/A	115	EQUIPMENT ROOM		ANNUAL TESTING	No	FIRE WATER
35	85	35-085-OPN-12	DAYLIGHT	N/A	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER DOWNSPOUT
35	85	35-085-OPN-13	DAYLIGHT	N/A	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER DOWNSPOUT
35	85	35-085-OPN-14	DAYLIGHT	RD8	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	85	35-085-OPN-15	DAYLIGHT	RD7	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	85	35-085-OPN-16	DAYLIGHT	N/A	102B	LASER ROOM		FLOW IS NIL	No	AIR COOLER DRAIN
35	85	35-085-OPN-17	DAYLIGHT	N/A	102B	LASER ROOM		FLOW IS NIL	No	WATER FILTER DRAIN
35	85	35-085-OPN-18	DAYLIGHT	N/A	102B	LASER ROOM		FLOW IS NIL	No	AIR COOLER LINE DRAIN
35	85	35-085-OPN-19	DAYLIGHT	N/A	100B	EQUIPMENT ROOM		FLOW IS NIL	No	AIR COOLER DRAIN
35	85	35-085-OPN-20	DAYLIGHT	WH	100A	LASER LABORATORY		FLOW IS NIL	No	HOT WATER PRESSURE RELIEF
35	85	35-085-OPN-21	10S/SWSC	1SD1	100A	LASER LABORATORY		5 DAYS PER WEEK	No	LABORATORY SINK
35	85	35-085-OPN-21	10S/SWSC	1SD2	100A	LASER LABORATORY		5 DAYS PER WEEK	No	LABORATORY SINK
35	85	35-085-OPN-22	ATMOSPHERE	N/A	100A	LASER LABORATORY		NO FLOW	No	SANITARY VENT
35	85	35-085-OPN-23	DAYLIGHT	N/A	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER DOWNSPOUT
35	85	35-085-OPN-24	ATMOSPHERE	N/A	108	LASER LABORATORY		NO FLOW	No	GAS CYLINDER CONNECTION
35	85	35-085-OPN-25	N/A	N/A	106	LASER LABORATORY		DURING TRANSFER	No	INSULTATING OIL
35	85	35-085-OPN-26	DAYLIGHT	N/A	N/A	D.I. WATER TANK		FLOW IS NIL	No	TANK DRAINAGE
35	85	35-085-OPN-27	DAYLIGHT	N/A	N/A	D.I. WATER TANK		FLOW IS NIL	No	TANK DRAINAGE
35	85	35-085-OPN-28	DAYLIGHT	N/A	N/A	D.I. WATER TANK		FLOW IS NIL	No	TANK DRAINAGE
35	85	35-085-OPN-29	10S/SWSC	1FD1	108	LASER LABORATORY		FLOW IS NIL	No	OILY EQUIPMENT DRAINAGE
35	85	35-085-OPN-29	10S/SWSC	1FD1	108	LASER LABORATORY		FLOW IS NIL	No	FLOOR WASHINGS

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
35	85	35-085-OPN-29	10S/SWSC	1FD10	106	LASER LABORATORY		NO FLOW	No	PLUGGED
35	85	35-085-OPN-29	10S/SWSC	1FD2	106	LASER LABORATORY		FLOW IS NIL	No	OILY EQUIPMENT DRAINAGE
35	85	35-085-OPN-29	10S/SWSC	1FD2	108	LASER LABORATORY		FLOW IS NIL	No	FLOOR WASHINGS
35	85	35-085-OPN-29	10S/SWSC	1FD3	115	EQUIPMENT ROOM		FLOW IS NIL	No	COLD WATER DRAIN
35	85	35-085-OPN-29	10S/SWSC	1FD3	115	EQUIPMENT ROOM		FLOW IS NIL	No	COMPRESSED AIR LINE DRAIN (4)
35	85	35-085-OPN-29	10S/SWSC	1FD3	115	EQUIPMENT ROOM		FLOW IS NIL	No	COMPRESSED AIR LINE DRAIN (2)
35	85	35-085-OPN-29	10S/SWSC	1FD3	115	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	85	35-085-OPN-29	10S/SWSC	1FD3	115	EQUIPMENT ROOM		FLOW IS NIL	No	HOT WATER FILTER DRAIN (1)
35	85	35-085-OPN-29	10S/SWSC	1FD3	115	EQUIPMENT ROOM		FLOW IS NIL	No	HOT WATER FILTER DRAIN (2)
35	85	35-085-OPN-29	10S/SWSC	1FD3	115	EQUIPMENT ROOM		FLOW IS NIL	No	COMPRESSOR DRAIN (2)
35	85	35-085-OPN-29	10S/SWSC	1FD3	115	EQUIPMENT ROOM		FLOW IS NIL	No	COMPRESSED AIR LINE DRAIN (3)
35	85	35-085-OPN-29	10S/SWSC	1FD3	115	EQUIPMENT ROOM		FLOW IS NIL	No	COMPRESSED AIR LINE DRAIN (1)
35	85	35-085-OPN-29	10S/SWSC	1FD3	115	EQUIPMENT ROOM		FLOW IS NIL	No	COMPRESSED AIR LINE DRAIN (5)
35	85	35-085-OPN-29	10S/SWSC	1FD3	115	EQUIPMENT ROOM		FLOW IS NIL	No	COMPRESSED AIR LINE DRAIN (6)
35	85	35-085-OPN-29	10S/SWSC	1FD4	115	EQUIPMENT ROOM		FLOW IS NIL	No	COMPRESSOR DRAIN (1)
35	85	35-085-OPN-29	10S/SWSC	1FD4	115	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	85	35-085-OPN-29	10S/SWSC	1FD4	115	EQUIPMENT ROOM		FLOW IS NIL	No	COLD WATER DRAIN
35	85	35-085-OPN-29	10S/SWSC	1FD4	115	EQUIPMENT ROOM		FLOW IS NIL	No	CONDENSED WATER (1)
35	85	35-085-OPN-29	10S/SWSC	1FD4	115	EQUIPMENT ROOM		FLOW IS NIL	No	CONDENSED WATER (2)
35	85	35-085-OPN-29	10S/SWSC	1FD4	115	EQUIPMENT ROOM		FLOW IS NIL	No	COOLING WATER BLOWDOWN
35	85	35-085-OPN-29	10S/SWSC	1FD5	115	EQUIPMENT ROOM		FLOW IS NIL	No	PUMP DRAIN
35	85	35-085-OPN-29	10S/SWSC	1FD5	115	EQUIPMENT ROOM		FLOW IS NIL	No	BACKFLOW PREVENTER (1)
35	85	35-085-OPN-29	10S/SWSC	1FD5	115	EQUIPMENT ROOM		FLOW IS NIL	No	BACKFLOW PREVENTER (2)
35	85	35-085-OPN-29	10S/SWSC	1FD5	115	EQUIPMENT ROOM		FLOW IS NIL	No	BACKFLOW PREVENTER (3)
35	85	35-085-OPN-29	10S/SWSC	1FD6	115	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	85	35-085-OPN-29	10S/SWSC	1FD6	115	EQUIPMENT ROOM		FLOW IS NIL	No	COLD WATER FILTER DRAIN
35	85	35-085-OPN-29	10S/SWSC	1FD6	115	EQUIPMENT ROOM		FLOW IS NIL	No	HOT WATER FILTER DRAIN (2)
35	85	35-085-OPN-29	10S/SWSC	1FD6	115	EQUIPMENT ROOM		FLOW IS NIL	No	SURGE TANK DRAIN
35	85	35-085-OPN-29	10S/SWSC	1FD6	115	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	85	35-085-OPN-29	10S/SWSC	1FD6	115	EQUIPMENT ROOM		FLOW IS NIL	No	HOT WATER PRESSURE RELIEF
35	85	35-085-OPN-29	10S/SWSC	1FD6	115	EQUIPMENT ROOM		FLOW IS NIL	No	BACKFLOW PREVENTER
35	85	35-085-OPN-29	10S/SWSC	1FD6	115	EQUIPMENT ROOM		FLOW IS NIL	No	BOILER PRESSURE RELIEF
35	85	35-085-OPN-29	10S/SWSC	1FD6	115	EQUIPMENT ROOM		FLOW IS NIL	No	HOT WATER AIR GAP

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
35	85	35-085-OPN-29	10S/SWSC	1FD6	115	EQUIPMENT ROOM		FLOW IS NIL	No	HOT WATER FILTER DRAIN (1)
35	85	35-085-OPN-29	10S/SWSC	1FD6	115	EQUIPMENT ROOM		FLOW IS NIL	No	BOILER DRAIN
35	85	35-085-OPN-29	10S/SWSC	1FD7	106	LASER LABORATORY		FLOW IS NIL	No	OILY DRAINAGE
35	85	35-085-OPN-29	10S/SWSC	1FD7	106	LASER LABORATORY		FLOW IS NIL	No	FLOOR WASHINGS
35	85	35-085-OPN-29	10S/SWSC	1FD7	106	LASER LABORATORY		FLOW IS NIL	No	HAZARDOUS WASTE AREA DRAIN
35	85	35-085-OPN-29	10S/SWSC	1FD8	102B	LASER LABORATORY		NO FLOW	No	PLUGGED
35	85	35-085-OPN-29	10S/SWSC	1FD9	106	LASER LABORATORY		NO FLOW	No	PLUGGED
35	85	35-085-OPN-29	10S/SWSC	1FS2	110	JANITOR'S CLOSET		5 DAYS PER WEEK	No	JANITOR'S SINK
35	85	35-085-OPN-29	10S/SWSC	1LV1	112	REST ROOM		5 DAYS PER WEEK	No	LAVATORY DRAIN
35	85	35-085-OPN-29	10S/SWSC	1LV2	113	REST ROOM		5 DAYS PER WEEK	No	LAVATORY DRAIN
35	85	35-085-OPN-29	10S/SWSC	1TL1	112	REST ROOM		5 DAYS PER WEEK	No	TOILET DRAIN
35	85	35-085-OPN-29	10S/SWSC	1TL2	112	REST ROOM		5 DAYS PER WEEK	No	TOILET DRAIN
35	85	35-085-OPN-29	10S/SWSC	1TL3	113	REST ROOM		5 DAYS PER WEEK	No	TOILET DRAIN
35	85	35-085-OPN-29	10S/SWSC	1WF1	114	CONFERENCE ROOM		5 DAYS PER WEEK	No	DRINKING FOUNTAIN
35	86	35-086-OPN-01	DAYLIGHT	RD3	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	86	35-086-OPN-02	DAYLIGHT	RD4	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	86	35-086-OPN-03	DAYLIGHT	RD9	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	86	35-086-OPN-04	DAYLIGHT	RD8	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	86	35-086-OPN-05	DAYLIGHT	RD5	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	86	35-086-OPN-05	DAYLIGHT	RD6	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	86	35-086-OPN-05	DAYLIGHT	RD7	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	86	35-086-OPN-06	DAYLIGHT	RD1	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	86	35-086-OPN-06	DAYLIGHT	RD2	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	86	35-086-OPN-07	DAYLIGHT	N/A	100	LASER BAY		ANNUAL TESTING	No	FIRE WATER
35	86	35-086-OPN-08	DAYLIGHT	N/A	104	LASER LABORATORY		FLOW IS NIL	No	BACKFLOW PREVENTER
35	86	35-086-OPN-09	DAYLIGHT	N/A	105	MACHINE SHOP		ANNUAL TESTING	No	FIRE WATER
35	86	35-086-OPN-10	10S/SWSC	1BFP1	212	HALLWAY		FLOW IS NIL	No	BACKFLOW PREVENTER
35	86	35-086-OPN-10	10S/SWSC	1FD1	206	EQUIPMENT ROOM		FLOW IS NIL	No	BACKFLOW PREVENTER
35	86	35-086-OPN-10	10S/SWSC	1FD1	206	EQUIPMENT ROOM		FLOW IS NIL	No	HOT WATER FILTER DRAIN (5)
35	86	35-086-OPN-10	10S/SWSC	1FD1	206	EQUIPMENT ROOM		FLOW IS NIL	No	COMPRESSED AIR LINE DRAIN (3)
35	86	35-086-OPN-10	10S/SWSC	1FD1	206	EQUIPMENT ROOM		FLOW IS NIL	No	HOT WATER FILTER DRAIN (4)
35	86	35-086-OPN-10	10S/SWSC	1FD1	206	EQUIPMENT ROOM		FLOW IS NIL	No	HOT WATER FILTER DRAIN (6)
35	86	35-086-OPN-10	10S/SWSC	1FD1	206	EQUIPMENT ROOM		FLOW IS NIL	No	HOT WATER FILTER DRAIN (2)

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
35	86	35-086-OPN-10	10S/SWSC	1FD1	206	EQUIPMENT ROOM		FLOW IS NIL	No	COLD WATER PRESSURE RELIEF
35	86	35-086-OPN-10	10S/SWSC	1FD1	206	EQUIPMENT ROOM		FLOW IS NIL	No	HOT WATER FILTER DRAIN (1)
35	86	35-086-OPN-10	10S/SWSC	1FD1	206	EQUIPMENT ROOM		FLOW IS NIL	No	HOT WATER FILTER DRAIN (3)
35	86	35-086-OPN-10	10S/SWSC	1FD1	206	EQUIPMENT ROOM		FLOW IS NIL	No	COMPRESSED AIR LINE DRAIN (2)
35	86	35-086-OPN-10	10S/SWSC	1FD1	206	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	86	35-086-OPN-10	10S/SWSC	1FD1	206	EQUIPMENT ROOM		FLOW IS NIL	No	COMPRESSED AIR LINE DRAIN (1)
35	86	35-086-OPN-10	10S/SWSC	1FD2	207	EQUIPMENT ROOM		FLOW IS NIL	No	BOILER AIR GAP VALVE (1)
35	86	35-086-OPN-10	10S/SWSC	1FD2	207	EQUIPMENT ROOM		FLOW IS NIL	No	HOT WATER PUMP DRAIN (1)
35	86	35-086-OPN-10	10S/SWSC	1FD2	207	EQUIPMENT ROOM		FLOW IS NIL	No	CONDENSED WATER
35	86	35-086-OPN-10	10S/SWSC	1FD2	207	EQUIPMENT ROOM		FLOW IS NIL	No	HOT WATER PUMP DRAIN (2)
35	86	35-086-OPN-10	10S/SWSC	1FD2	207	EQUIPMENT ROOM		FLOW IS NIL	No	HOT WATER PUMP DRAIN (3)
35	86	35-086-OPN-10	10S/SWSC	1FD2	207	EQUIPMENT ROOM		FLOW IS NIL	No	BOILER AIR GAP VALVE (2)
35	86	35-086-OPN-10	10S/SWSC	1FD2	207	EQUIPMENT ROOM		FLOW IS NIL	No	HOT WATER PUMP DRAIN (4)
35	86	35-086-OPN-10	10S/SWSC	1FD2	207	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	86	35-086-OPN-10	10S/SWSC	1FD2	207	EQUIPMENT ROOM		FLOW IS NIL	No	HOT WATER DRAIN (1)
35	86	35-086-OPN-10	10S/SWSC	1FD2	207	EQUIPMENT ROOM		FLOW IS NIL	No	HOT WATER DRAIN (2)
35	86	35-086-OPN-10	10S/SWSC	1FD2	207	EQUIPMENT ROOM		FLOW IS NIL	No	HOT WATER DRAIN (3)
35	86	35-086-OPN-10	10S/SWSC	1FD2	207	EQUIPMENT ROOM		FLOW IS NIL	No	BOILER DRAIN
35	86	35-086-OPN-10	10S/SWSC	1FD2	207	EQUIPMENT ROOM		FLOW IS NIL	No	BOILER PRESSURE RELIEF
35	86	35-086-OPN-10	10S/SWSC	1FD3	208	EQUIPMENT ROOM		FLOW IS NIL	No	COLD WATER AIR GAP (1)
35	86	35-086-OPN-10	10S/SWSC	1FD3	208	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	86	35-086-OPN-10	10S/SWSC	1FD3	208	EQUIPMENT ROOM		FLOW IS NIL	No	BACKFLOW PREVENTER
35	86	35-086-OPN-10	10S/SWSC	1FD3	208	EQUIPMENT ROOM		FLOW IS NIL	No	COLD WATER AIR GAP (3)
35	86	35-086-OPN-10	10S/SWSC	1FD3	208	EQUIPMENT ROOM		FLOW IS NIL	No	COLD WATER AIR GAP (2)
35	86	35-086-OPN-10	10S/SWSC	1FD3	208	EQUIPMENT ROOM		FLOW IS NIL	No	HOT WATER PRESSURE RELIEF
35	86	35-086-OPN-10	10S/SWSC	1LV1	209	REST ROOM		5 DAYS PER WEEK	No	LAVATORY DRAIN
35	86	35-086-OPN-10	10S/SWSC	1LV2	211	REST ROOM		5 DAYS PER WEEK	No	LAVATORY DRAIN
35	86	35-086-OPN-10	10S/SWSC	1SD1	202	CONFERENCE ROOM		5 DAYS PER WEEK	No	COUNTERTOP SINK
35	86	35-086-OPN-10	10S/SWSC	1SD2	212	JANITOR'S CLOSET		5 DAYS PER WEEK	No	JANITOR'S SINK
35	86	35-086-OPN-10	10S/SWSC	1TL1	209	REST ROOM		5 DAYS PER WEEK	No	TOILET DRAIN
35	86	35-086-OPN-10	10S/SWSC	1TL2	209	REST ROOM		5 DAYS PER WEEK	No	TOILET DRAIN
35	86	35-086-OPN-10	10S/SWSC	1TL3	211	REST ROOM		5 DAYS PER WEEK	No	TOILET DRAIN
35	86	35-086-OPN-10	10S/SWSC	1UR1	209	REST ROOM		5 DAYS PER WEEK	No	URINAL DRAIN

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
35	86	35-086-OPN-10	10S/SWSC	1WF1	N/A	STAIRWELL		5 DAYS PER WEEK	No	DRINKING FOUNTAIN
35	86	35-086-OPN-10	10S/SWSC	1WF2	200B	HALLWAY		5 DAYS PER WEEK	No	DRINKING FOUNTAIN
35	86	35-086-OPN-10	10S/SWSC	BED1	100	LASER BAY		FLOW IS NIL	No	COMPRESSOR OIL DRAIN
35	86	35-086-OPN-10	10S/SWSC	BED2	100	LASER BAY		FLOW IS NIL	No	FLOOR WASHINGS
35	86	35-086-OPN-10	10S/SWSC	BED3	101	LASER LABORATORY		FLOW IS NIL	No	FLOOR WASHINGS
35	86	35-086-OPN-10	10S/SWSC	BEW1	103	MACHINE SHOP		FLOW IS NIL	No	EYE WASH DRAIN
35	86	35-086-OPN-10	10S/SWSC	BFD1	100	LASER BAY		NO FLOW	No	PLUGGED
35	86	35-086-OPN-10	10S/SWSC	BFD2	100	LASER BAY		NO FLOW	No	PLUGGED
35	86	35-086-OPN-10	10S/SWSC	BFD3	103	STAIRWELL/BREAK AREA		FLOW IS NIL	No	FLOOR WASHINGS
35	86	35-086-OPN-10	10S/SWSC	BFD4	103	MACHINE SHOP		FLOW IS NIL	No	OILY LATHE SHAVINGS
35	86	35-086-OPN-10	10S/SWSC	BFD4	103	MACHINE SHOP		FLOW IS NIL	No	FLOOR WASHINGS
35	86	35-086-OPN-10	10S/SWSC	BFD5	103	MACHINE SHOP		5 DAYS PER WEEK	No	FLOOR WASHINGS
35	86	35-086-OPN-10	10S/SWSC	BFD5	103	MACHINE SHOP		5 DAYS PER WEEK	No	LATHE OIL WITH PCB'S
35	86	35-086-OPN-10	10S/SWSC	BSD1	105	MACHINE SHOP		5 DAYS PER WEEK	No	UTILITY SINK
35	86	35-086-OPN-11	DAYLIGHT	N/A	N/A	GLYCOL-BASED COOLING U		FLOW IS NIL	No	GLYCOL COOLANT DRAIN
35	86	35-086-OPN-12	DAYLIGHT	N/A	N/A	GLYCOL-BASED COOLING U		FLOW IS NIL	No	GLYCOL COOLANT DRAIN
35	86	35-086-OPN-13	DAYLIGHT	N/A	N/A	GLYCOL-BASED COOLING U		FLOW IS NIL	No	GLYCOL COOLANT DRAIN
35	86	35-086-OPN-14	DAYLIGHT	N/A	N/A	GLYCOL-BASED COOLING U		FLOW IS NIL	No	GLYCOL COOLANT DRAIN
35	86	35-086-OPN-15	DAYLIGHT	N/A	N/A	GLYCOL-BASED COOLING U		FLOW IS NIL	No	GLYCOL COOLANT DRAIN
35	86	35-086-OPN-16	DAYLIGHT	N/A	N/A	GLYCOL-BASED COOLING U		FLOW IS NIL	No	GLYCOL COOLANT DRAIN
35	86	35-086-OPN-17	DAYLIGHT	N/A	207	EQUIPMENT ROOM		ANNUAL TESTING	No	FIRE WATER
35	86	35-086-OPN-18	DAYLIGHT	N/A	207	EQUIPMENT ROOM		ANNUAL TESTING	No	FIRE WATER
35	88	35-088-OPN-1	10S/SWSC	1FD1	101A	FIRE PUMP HOUSE		FLOW IS NIL	No	FLOOR WASHINGS
35	88	35-088-OPN-1	10S/SWSC	1FD1	101A	FIRE PUMP HOUSE		FLOW IS NIL	No	BOILER DRAIN
35	88	35-088-OPN-1	10S/SWSC	1FD1	101A	FIRE PUMP HOUSE		FLOW IS NIL	No	WASTE BARREL DRAINS
35	88	35-088-OPN-1	10S/SWSC	1FD2	101	FIRE PUMP HOUSE		FLOW IS NIL	No	BEARING DRAIN
35	88	35-088-OPN-1	10S/SWSC	1FD2	101	FIRE PUMP HOUSE		FLOW IS NIL	No	DIESEL ENGINE DRAINAGE
35	88	35-088-OPN-1	10S/SWSC	1FD2	101	FIRE PUMP HOUSE		FLOW IS NIL	No	BARREL DRAINS
35	88	35-088-OPN-1	10S/SWSC	1FD2	101	FIRE PUMP HOUSE		FLOW IS NIL	No	DIESEL OIL TANK DRAINAGE
35	88	35-088-OPN-1	10S/SWSC	1FD2	101	FIRE PUMP HOUSE		FLOW IS NIL	No	BACKFLOW PREVENTER
35	88	35-088-OPN-1	10S/SWSC	1FD2	101	FIRE PUMP HOUSE		FLOW IS NIL	No	PUMP DRAIN
35	88	35-088-OPN-1	10S/SWSC	1FD2	101	FIRE PUMP HOUSE		FLOW IS NIL	No	PUMP DRAIN
35	88	35-088-OPN-1	10S/SWSC	1FD2	101	FIRE PUMP HOUSE		FLOW IS NIL	No	FLOOR WASHINGS

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES	
35	88	35-088-OPN-1	10S/SWSC	1FD2	101	FIRE PUMP HOUSE			FLOW IS NIL	No	BATTERY LEAKAGE
35	88	35-088-OPN-2	DAYLIGHT	N/A	101	FIRE PUMP HOUSE			FLOW IS NIL	No	FIRE HOSE CONNECTION
35	88	35-088-OPN-3	DAYLIGHT	N/A	101	FIRE PUMP HOUSE			FLOW IS NIL	No	FIRE HOSE CONNECTION
35	88	35-088-OPN-4	DAYLIGHT	N/A	ROOF	FIRE PUMP HOUSE			MOSTLY SUMMER	Yes	STORM WATER
35	88	35-088-OPN-5	DAYLIGHT	N/A	101A	FIRE PUMP HOUSE			ANNUAL TESTING	No	FIRE WATER
35	100	35-100-OPN-000	ND	N/A	N/A	ELECTRICAL TRANSFORME			NO DRAINS	No	NO DRAINS
35	103	35-103-OPN-000	ND	N/A	N/A	STORAGE SHED			NO DRAINS	No	NO DRAINS
35	110	35-110-OPN-1	DAYLIGHT	N/A	ROOF	ROOF			MOSTLY SUMMER	Yes	STORM WATER DOWNSPOUT
35	110	35-110-OPN-2	DAYLIGHT	N/A	103	HEATER CLOSET			FLOW IS NIL	No	CONDENSED WATER
35	110	35-110-OPN-3	10S/SWSC	1SD1	103	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
35	110	35-110-OPN-3	10S/SWSC	1SD2	101	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
35	110	35-110-OPN-3	10S/SWSC	1TL1	103	REST ROOM			5 DAYS PER WEEK	No	TOILET DRAIN
35	110	35-110-OPN-3	10S/SWSC	1TL2	101	REST ROOM			5 DAYS PER WEEK	No	TOILET DRAIN
35	110	35-110-OPN-3	10S/SWSC	1UR1	103	REST ROOM			5 DAYS PER WEEK	No	URINAL DRAIN
35	110	35-110-OPN-3	10S/SWSC	1WF1	101	HALLWAY			5 DAYS PER WEEK	No	DRINKING FOUNTAIN
35	110	35-110-OPN-4	DAYLIGHT	WH	101	HEATER CLOSET			FLOW IS NIL	No	HOT WATER PRESSURE RELIEF
35	110	35-110-OPN-5	DAYLIGHT	N/A	101	HEATER CLOSET			FLOW IS NIL	No	CONDENSED WATER
35	110	35-110-OPN-6	DAYLIGHT	N/A	ROOF	ROOF			MOSTLY SUMMER	Yes	STORM WATER
35	110	35-110-OPN-7	DAYLIGHT	N/A	ROOF	ROOF			MOSTLY SUMMER	Yes	STORM WATER
35	110	35-110-OPN-8	DAYLIGHT	N/A	ROOF	ROOF			MOSTLY SUMMER	Yes	STORM WATER
35	114	35-114-OPN-1	DAYLIGHT	N/A	ROOF	ROOF			MOSTLY SUMMER	Yes	STORM WATER
35	114	35-114-OPN-2	DAYLIGHT	N/A	107	HEATER CLOSET			FLOW IS NIL	No	CONDENSED WATER
35	114	35-114-OPN-3	10S/SWSC	1SD1	107	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
35	114	35-114-OPN-3	10S/SWSC	1SD2	104	REST ROOM			5 DAYS PER WEEK	No	HAND WASHINGS
35	114	35-114-OPN-3	10S/SWSC	1TL1	107	REST ROOM			5 DAYS PER WEEK	No	TOILET DRAIN
35	114	35-114-OPN-3	10S/SWSC	1TL2	104	REST ROOM			5 DAYS PER WEEK	No	TOILET DRAIN
35	114	35-114-OPN-3	10S/SWSC	1UR1	107	REST ROOM			5 DAYS PER WEEK	No	URINAL DRAIN
35	114	35-114-OPN-3	10S/SWSC	1WF1	100	HALLWAY			5 DAYS PER WEEK	No	DRINKING FOUNTAIN
35	114	35-114-OPN-4	DAYLIGHT	WH	104	HEATER CLOSET			FLOW IS NIL	No	HOT WATER PRESSURE RELIEF
35	114	35-114-OPN-5	DAYLIGHT	N/A	104	HEATER CLOSET			FLOW IS NIL	No	CONDENSED WATER
35	114	35-114-OPN-6	DAYLIGHT	N/A	ROOF	ROOF			MOSTLY SUMMER	Yes	STORM WATER
35	114	35-114-OPN-7	DAYLIGHT	N/A	ROOF	ROOF			MOSTLY SUMMER	Yes	STORM WATER
35	114	35-114-OPN-8	DAYLIGHT	N/A	ROOF	ROOF			MOSTLY SUMMER	Yes	STORM WATER

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
35	115	35-115-OPN-000	ND	N/A	N/A	SOLVENT STORAGE SHED		NO DRAINS	No	NO DRAINS
35	129	35-129-OPN-1	DAYLIGHT	N/A	N/A	FIRE WATER TANK		FLOW IS NIL	No	TANK DRAIN
35	129	35-129-OPN-2	DAYLIGHT	N/A	N/A	FIRE WATER TANK		FLOW IS NIL	No	TANK OVERFLOW
35	157	35-157-OPN-1	DAYLIGHT	N/A	N/A	GLYCOL COOLING UNIT		FLOW IS NIL	No	COOLANT DRAIN
35	157	35-157-OPN-2	DAYLIGHT	N/A	N/A	GLYCOL COOLING UNIT		FLOW IS NIL	No	COOLANT DRAIN
35	157	35-157-OPN-3	DAYLIGHT	N/A	N/A	GLYCOL COOLING UNIT		FLOW IS NIL	No	COOLANT DRAIN
35	157	35-157-OPN-4	DAYLIGHT	N/A	N/A	GLYCOL COOLING UNIT		FLOW IS NIL	No	COOLANT DRAIN
35	157	35-157-OPN-5	DAYLIGHT	N/A	N/A	GLYCOL COOLING UNIT		FLOW IS NIL	No	COOLANT DRAIN
35	157	35-157-OPN-6	DAYLIGHT	N/A	N/A	GLYCOL COOLING UNIT		FLOW IS NIL	No	COOLANT DRAIN
35	157	35-157-OPN-7	DAYLIGHT	N/A	N/A	GLYCOL COOLING UNIT		FLOW IS NIL	No	COOLANT DRAIN
35	157	35-157-OPN-8	DAYLIGHT	N/A	N/A	GLYCOL COOLING UNIT		FLOW IS NIL	No	COOLANT DRAIN
35	157	35-157-OPN-9	DAYLIGHT	N/A	N/A	GLYCOL COOLING UNIT		FLOW IS NIL	No	COOLANT DRAIN
35	159	35-159-OPN-1	DAYLIGHT	N/A	N/A	INSULATING OIL TANK		FLOW IS NIL	No	SEC. CONTAINMENT DRAIN
35	159	35-159-OPN-2	DAYLIGHT	N/A	N/A	INSULATING OIL TANK		FLOW IS NIL	No	CONTAINMENT OVERFLOW
35	170	35-170-OPN-1	DAYLIGHT	N/A	N/A	CARBON DIOXIDE TANK		FLOW IS NIL	No	GAS MANIFOLD DRAIN
35	186	35-186-OPN-1	DAYLIGHT	N/A	108	HEATER CLOSET		FLOW IS NIL	No	CONDENSED WATER
35	186	35-186-OPN-2	10S/SWSC	1SD1	109	REST ROOM		5 DAYS PER WEEK	No	HAND WASHINGS
35	186	35-186-OPN-2	10S/SWSC	1SD2	109	REST ROOM		5 DAYS PER WEEK	No	HAND WASHINGS
35	186	35-186-OPN-2	10S/SWSC	1SD3	106	REST ROOM		5 DAYS PER WEEK	No	HAND WASHINGS
35	186	35-186-OPN-2	10S/SWSC	1SD4	106	REST ROOM		5 DAYS PER WEEK	No	HAND WASHINGS
35	186	35-186-OPN-2	10S/SWSC	1TL1	109	REST ROOM		5 DAYS PER WEEK	No	TOILET DRAIN
35	186	35-186-OPN-2	10S/SWSC	1TL2	109	REST ROOM		5 DAYS PER WEEK	No	TOILET DRAIN
35	186	35-186-OPN-2	10S/SWSC	1TL3	106	REST ROOM		5 DAYS PER WEEK	No	TOILET DRAIN
35	186	35-186-OPN-2	10S/SWSC	1TL4	106	REST ROOM		5 DAYS PER WEEK	No	TOILET DRAIN
35	186	35-186-OPN-2	10S/SWSC	1UR1	109	REST ROOM		5 DAYS PER WEEK	No	URINAL DRAIN
35	186	35-186-OPN-2	10S/SWSC	1WF1	100	HALLWAY		5 DAYS PER WEEK	No	DRINKING FOUNTAIN
35	186	35-186-OPN-3	DAYLIGHT	WH	106	HEATER CLOSET		FLOW IS NIL	No	HOT WATER PRESSURE RELIEF
35	186	35-186-OPN-4	DAYLIGHT	N/A	107	HEATER CLOSET		FLOW IS NIL	No	CONDENSED WATER
35	188	35-188-OPN-1	DAYLIGHT	RD1	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	188	35-188-OPN-2	DAYLIGHT	RD2	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	188	35-188-OPN-3	DAYLIGHT	N/A	N/A	MACHINE SHOP		ANNUAL TESTING	No	FIRE WATER
35	188	35-188-OPN-4	DAYLIGHT	N/A	N/A	MACHINE SHOP		FLOW IS NIL	No	COMPRESSED AIR LINE DRAIN
35	188	35-188-OPN-5	DAYLIGHT	N/A	N/A	MACHINE SHOP		ANNUAL TESTING	No	COMPRESSED AIR FILTER DRAIN

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
35	188	35-188-OPN-6	DAYLIGHT	WH	N/A	REST ROOM		FLOW IS NIL	No	HOT WATER PRESSURE RELIEF
35	188	35-188-OPN-7	10S/SWSC	1FD1	N/A	REST ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	188	35-188-OPN-7	10S/SWSC	1FD2	N/A	MACHINE SHOP		FLOW IS NIL	No	FLOOR WASHINGS
35	188	35-188-OPN-7	10S/SWSC	1FD2	N/A	MACHINE SHOP		FLOW IS NIL	No	AIR COMPRESSOR TANK DRAIN
35	188	35-188-OPN-7	10S/SWSC	1FD3	N/A	MACHINE SHOP		NO FLOW	No	PLUGGED
35	188	35-188-OPN-7	10S/SWSC	1SD1	N/A	REST ROOM		5 DAYS PER WEEK	No	HAND WASHINGS
35	188	35-188-OPN-7	10S/SWSC	1SD2	N/A	HALLWAY		5 DAYS PER WEEK	No	COUNTERTOP SINK
35	188	35-188-OPN-7	10S/SWSC	1TL1	N/A	REST ROOM		5 DAYS PER WEEK	No	TOILET DRAIN
35	188	35-188-OPN-7	10S/SWSC	1UR1	N/A	REST ROOM		5 DAYS PER WEEK	No	URINAL DRAIN
35	188	35-188-OPN-7	10S/SWSC	1WF1	N/A	HALLWAY		5 DAYS PER WEEK	No	DRINKING FOUNTAIN
35	188	35-188-OPN-8	DAYLIGHT	N/A	N/A	EQUIPMENT ROOM		ANNUAL TESTING	No	FIRE DRAIN
35	189	35-189-OPN-01	10S/SWSC	1ED1	108	EQUIPMENT ROOM		FLOW IS NIL	No	CONDENSED WATER
35	189	35-189-OPN-01	10S/SWSC	1EW1	103	LASER LABORATORY		NO FLOW	No	PLUGGED
35	189	35-189-OPN-01	10S/SWSC	1FD1	107	REST ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	189	35-189-OPN-01	10S/SWSC	1FD2	101	LASER LABORATORY		NO FLOW	No	COVERED
35	189	35-189-OPN-01	10S/SWSC	1FD3	101	LASER LABORATORY		FLOW IS NIL	No	FLOOR WASHINGS
35	189	35-189-OPN-01	10S/SWSC	1FD4	102	LASER LABORATORY		FLOW IS NIL	No	FLOOR WASHINGS
35	189	35-189-OPN-01	10S/SWSC	1FD5	102	LASER LABORATORY		FLOW IS NIL	No	FLOOR WASHINGS
35	189	35-189-OPN-01	10S/SWSC	1FD6	103	LASER LABORATORY		FLOW IS NIL	No	FLOOR WASHINGS
35	189	35-189-OPN-01	10S/SWSC	1FD7	104	FOYER		FLOW IS NIL	No	FLOOR WASHINGS
35	189	35-189-OPN-01	10S/SWSC	1FD8	106	FOYER		NO FLOW	No	COVERED
35	189	35-189-OPN-01	10S/SWSC	1FD9	108	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	189	35-189-OPN-01	10S/SWSC	1FD9	108	EQUIPMENT ROOM		FLOW IS NIL	No	PIPE DRAINAGE
35	189	35-189-OPN-01	10S/SWSC	1FS1	108	EQUIPMENT ROOM		FLOW IS NIL	No	BACKFLOW PREVENTER (1)
35	189	35-189-OPN-01	10S/SWSC	1FS1	108	EQUIPMENT ROOM		FLOW IS NIL	No	CONDENSED WATER
35	189	35-189-OPN-01	10S/SWSC	1FS1	108	EQUIPMENT ROOM		FLOW IS NIL	No	AIR COMPRESSOR DRAIN
35	189	35-189-OPN-01	10S/SWSC	1FS1	108	EQUIPMENT ROOM		FLOW IS NIL	No	HOT WATER PRESSURE RELIEF (2)
35	189	35-189-OPN-01	10S/SWSC	1FS1	108	EQUIPMENT ROOM		FLOW IS NIL	No	HOT WATER PRESSURE RELIEF (1)
35	189	35-189-OPN-01	10S/SWSC	1FS1	108	EQUIPMENT ROOM		FLOW IS NIL	No	HOT WATER PIPE DRAIN
35	189	35-189-OPN-01	10S/SWSC	1FS1	108	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	189	35-189-OPN-01	10S/SWSC	1FS1	108	EQUIPMENT ROOM		FLOW IS NIL	No	BACKFLOW PREVENTER (2)
35	189	35-189-OPN-01	10S/SWSC	1FS1	108	EQUIPMENT ROOM		FLOW IS NIL	No	WATER PUMP DRAIN
35	189	35-189-OPN-01	10S/SWSC	1FS2	108	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS

TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
35	189	35-189-OPN-01	10S/SWSC	1FS2	108	EQUIPMENT ROOM		FLOW IS NIL	No	COLD WATER PRESSURE RELIEF
35	189	35-189-OPN-01	10S/SWSC	1FS2	108	EQUIPMENT ROOM		FLOW IS NIL	No	HOT WATER AIR GAP VALVE (2)
35	189	35-189-OPN-01	10S/SWSC	1FS2	108	EQUIPMENT ROOM		FLOW IS NIL	No	HOT WATER AIR GAP VALVE (1)
35	189	35-189-OPN-01	10S/SWSC	1FS2	108	EQUIPMENT ROOM		FLOW IS NIL	No	HOT WATER PRESSURE RELIEF
35	189	35-189-OPN-01	10S/SWSC	1LV1	107	REST ROOM		5 DAYS PER WEEK	No	LAVATORY DRAIN
35	189	35-189-OPN-01	10S/SWSC	1SD1	103	LASER LABORATORY		NO FLOW	No	PLUGGED
35	189	35-189-OPN-01	10S/SWSC	1SD2	106	FOYER		5 DAYS PER WEEK	No	UTILITY SINK
35	189	35-189-OPN-01	10S/SWSC	1TL1	107	REST ROOM		5 DAYS PER WEEK	No	TOILET DRAIN
35	189	35-189-OPN-01	10S/SWSC	1UR1	107	REST ROOM		5 DAYS PER WEEK	No	URINAL DRAIN
35	189	35-189-OPN-01	10S/SWSC	1WF1	106	FOYER		5 DAYS PER WEEK	No	DRINKING FOUNTAIN
35	189	35-189-OPN-01	10S/SWSC	WH	108	EQUIPMENT ROOM		FLOW IS NIL	No	HOT WATER PRESSURE RELIEF
35	189	35-189-OPN-02	DAYLIGHT	RD1	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	189	35-189-OPN-02	DAYLIGHT	RD2	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	189	35-189-OPN-03	DAYLIGHT	RD3	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	189	35-189-OPN-03	DAYLIGHT	RD3	ROOF	ROOF		FLOW IS NIL	No	CONDENSED WATER
35	189	35-189-OPN-03	DAYLIGHT	RD4	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	189	35-189-OPN-04	DAYLIGHT	N/A	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER DOWNSPOUT
35	189	35-189-OPN-05	DAYLIGHT	N/A	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER DOWNSPOUT
35	189	35-189-OPN-06	DAYLIGHT	N/A	102	LASER LABORATORY		ANNUAL TESTING	No	FIRE WATER
35	189	35-189-OPN-07	DAYLIGHT	N/A	101	LASER LABORATORY		FLOW IS NIL	No	CONDENSED WATER
35	189	35-189-OPN-08	DAYLIGHT	N/A	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER DOWNSPOUT
35	189	35-189-OPN-09	DAYLIGHT	N/A	102	LASER LABORATORY		ANNUAL TESTING	No	FIRE WATER
35	189	35-189-OPN-10	DAYLIGHT	N/A	102	LASER LABORATORY		DURING BLOWDOWN	No	FIRE WATER
35	189	35-189-OPN-11	DAYLIGHT	N/A	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER DOWNSPOUT
35	205	35-205-OPN-000	ND	N/A	N/A	ELECTRICAL BOX		NO FLOW	No	NO DRAINS
35	207	35-207-OPN-01	10S/SWSC	1EW1	100	HALLWAY		FLOW IS NIL	No	EYE WASH DRAIN
35	207	35-207-OPN-01	10S/SWSC	1FD1	N/A	EQUIPMENT ROOM		FLOW IS NIL	No	CONDENSED WATER (1)
35	207	35-207-OPN-01	10S/SWSC	1FD1	N/A	EQUIPMENT ROOM		FLOW IS NIL	No	CONDENSED WATER (2)
35	207	35-207-OPN-01	10S/SWSC	1FD1	N/A	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	207	35-207-OPN-01	10S/SWSC	1FD1	N/A	EQUIPMENT ROOM		FLOW IS NIL	No	COMPRESSED AIR TANK DRAIN
35	207	35-207-OPN-01	10S/SWSC	1FD1	N/A	EQUIPMENT ROOM		FLOW IS NIL	No	BACKFLOW PREVENTER (2)
35	207	35-207-OPN-01	10S/SWSC	1FD1	N/A	EQUIPMENT ROOM		FLOW IS NIL	No	BACKFLOW PREVENTER (1)
35	207	35-207-OPN-01	10S/SWSC	1FD2	100	HALLWAY		FLOW IS NIL	No	EYE WASH DRAINAGE

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
35	207	35-207-OPN-01	10S/SWSC	1FD2	100	HALLWAY		FLOW IS NIL	No	FLOOR WASHINGS
35	207	35-207-OPN-01	10S/SWSC	1LV1	N/A	REST ROOM		5 DAYS PER WEEK	No	LAVATORY DRAIN
35	207	35-207-OPN-01	10S/SWSC	1LV2	N/A	REST ROOM		5 DAYS PER WEEK	No	LAVATORY DRAIN
35	207	35-207-OPN-01	10S/SWSC	1SD1	N/A	JANITOR'S CLOSET		5 DAYS PER WEEK	No	JANITOR'S SINK
35	207	35-207-OPN-01	10S/SWSC	1SD2	108	LASER LABORATORY		5 DAYS PER WEEK	No	COUNTERTOP SINK
35	207	35-207-OPN-01	10S/SWSC	1SD4	107	LASER LABORATORY		5 DAYS PER WEEK	No	COUNTERTOP SINK
35	207	35-207-OPN-01	10S/SWSC	1SD5	104	LASER LABORATORY		5 DAYS PER WEEK	No	COUNTERTOP SINK
35	207	35-207-OPN-01	10S/SWSC	1TL1	N/A	REST ROOM		5 DAYS PER WEEK	No	TOILET DRAIN
35	207	35-207-OPN-01	10S/SWSC	1TL2	N/A	REST ROOM		5 DAYS PER WEEK	No	TOILET DRAIN
35	207	35-207-OPN-01	10S/SWSC	1UR1	N/A	REST ROOM		5 DAYS PER WEEK	No	URINAL DRAIN
35	207	35-207-OPN-01	10S/SWSC	1WF1	100	HALLWAY		5 DAYS PER WEEK	No	DRINKING FOUNTAIN
35	207	35-207-OPN-02	DAYLIGHT	N/A	102	LASER LABORATORY		ANNUAL TESTING	No	FIRE WATER
35	207	35-207-OPN-03	DAYLIGHT	N/A	ROOF	ROOF		MOSTLY SUMMER	No	STORM WATER DOWNSPOUT
35	207	35-207-OPN-04	DAYLIGHT	N/A	N/A	EQUIPMENT ROOM		ANNUAL TESTING	No	FIRE WATER
35	207	35-207-OPN-05	DAYLIGHT	N/A	N/A	EQUIPMENT ROOM		FLOW IS NIL	No	FIRE BACKFLOW PREVENTER
35	207	35-207-OPN-06	DAYLIGHT	N/A	N/A	EQUIPMENT ROOM		FLOW IS NIL	No	FIRE BACKFLOW PREVENTER
35	207	35-207-OPN-07	DAYLIGHT	N/A	N/A	EQUIPMENT ROOM		DURING BLOWDOW	No	FIRE WATER
35	207	35-207-OPN-08	DAYLIGHT	N/A	N/A	EQUIPMENT ROOM		ANNUAL TESTING	No	FIRE WATER
35	218	35-218-OPN-01	DAYLIGHT	WH	3	REST ROOM		FLOW IS NIL	No	HOT WATER PRESSURE RELIEF
35	218	35-218-OPN-02	10S/SWSC	1LV1	3	REST ROOM		5 DAYS PER WEEK	No	LAVATORY DRAIN
35	218	35-218-OPN-02	10S/SWSC	1TL1	3	REST ROOM		5 DAYS PER WEEK	No	TOILET DRAIN
35	218	35-218-OPN-02	10S/SWSC	1WF1	2	CONFERENCE AREA		5 DAYS PER WEEK	No	DRINKING FOUNTAIN
35	223	35-223-OPN-000	ND	N/A	N/A	TRAILER		NO DRAINS	No	NO DRAINS
35	224	35-224-OPN-000	ND	N/A	N/A	TRAILER		NO DRAINS	No	NO DRAINS
35	225	35-225-OPN-000	ND	N/A	N/A	TRAILER		NO DRAINS	No	NO DRAINS
35	226	35-226-OPN-000	ND	N/A	N/A	TRAILER		NO DRAINS	No	NO DRAINS
35	227	35-227-OPN-000	ND	N/A	N/A	TRAILER		NO DRAINS	No	NO DRAINS
35	228	35-228-OPN-000	ND	N/A	N/A	TRAILER		NO DRAINS	No	NO DRAINS
35	229	35-229-OPN-000	ND	N/A	N/A	TRAILER		NO DRAINS	No	NO DRAINS
35	232	35-232-OPN-000	ND	N/A	N/A	TRAILER		NO DRAINS	No	NO DRAINS
35	233	35-233-OPN-000	ND	N/A	N/A	TRAILER		NO DRAINS	No	NO DRAINS
35	234	35-234-OPN-000	ND	N/A	N/A	TRAILER		NO DRAINS	No	NO DRAINS
35	236	35-236-OPN-000	ND	N/A	N/A	TRAILER		NO DRAINS	No	NO DRAINS

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
35	237	35-237-OPN-000	ND	N/A	N/A	TRAILER				
35	238	35-238-OPN-01	DAYLIGHT	N/A	N/A	TRAILER			NO DRAINS	No NO DRAINS
35	239	35-239-OPN-000	ND	N/A	N/A	TRAILER			FLOW IS NIL	No CONDENSED WATER
35	240	35-240-OPN-000	ND	N/A	N/A	TRAILER			NO DRAINS	No NO DRAINS
35	241	35-241-OPN-01	DAYLIGHT	1SD1	N/A	TRAILER			NO FLOW	No DISCONNECTED SINK
35	241	35-241-OPN-01	DAYLIGHT	1TL1	N/A	TRAILER			NO FLOW	No DISCONNECTED TOILET
35	241	35-241-OPN-01	DAYLIGHT	WH	N/A	TRAILER			NO FLOW	No HOT WATER PRESSURE RELIEF
35	242	35-242-OPN-01	DAYLIGHT	N/A	N/A	TRAILER			FLOW IS NIL	No CONDENSED WATER
35	248	35-248-OPN-000	ND	N/A	N/A	TRAILER			NO DRAINS	No NO DRAINS
35	249	35-249-OPN-000	N/A	N/A	N/A	TRAILER			NO DRAINS	No NONE
35	249	35-249-OPN-000	N/A	N/A	N/A	TRAILER			NO DRAINS	No NONE
35	250	35-250-OPN-000	ND	N/A	N/A	TRAILER			NO DRAINS	No NO DRAINS
35	250	35-250-OPN-000	ND	N/A	N/A	TRAILER			NO DRAINS	No NO DRAINS
35	251	35-251-OPN-1	DAYLIGHT	N/A	N/A	TRAILER			FLOW IS NIL	No CONDENSED WATER
35	253	35-253-OPN-1	10S/SWSC	1SD1	N/A	REST ROOM			5 DAYS PER WEEK	No HAND WASHINGS
35	253	35-253-OPN-1	10S/SWSC	1SD2	N/A	REST ROOM			5 DAYS PER WEEK	No HAND WASHINGS
35	253	35-253-OPN-1	10S/SWSC	1TL1	N/A	REST ROOM			5 DAYS PER WEEK	No TOILET DRAIN
35	253	35-253-OPN-1	10S/SWSC	1TL2	N/A	REST ROOM			5 DAYS PER WEEK	No TOILET DRAIN
35	253	35-253-OPN-1	10S/SWSC	1UR1	N/A	REST ROOM			5 DAYS PER WEEK	No URINAL DRAIN
35	253	35-253-OPN-1	10S/SWSC	1WF1	N/A	HALLWAY			5 DAYS PER WEEK	No DRINKING FOUNTAIN
35	253	35-253-OPN-2	DAYLIGHT	N/A	ROOF	ROOF			MOSTLY SUMMER	No STORM WATER
35	253	35-253-OPN-3	DAYLIGHT	WH	N/A	REST ROOM			FLOW IS NIL	No HOT WATER PRESSURE RELIEF
35	253	35-253-OPN-4	DAYLIGHT	WH	N/A	REST ROOM			FLOW IS NIL	No HOT WATER PRESSURE RELIEF
35	253	35-253-OPN-5	DAYLIGHT	N/A	N/A	REST ROOM			FLOW IS NIL	No CONDENSED WATER
35	254	35-254-OPN-1	DAYLIGHT	N/A	N/A	OFFICE AREA			ANNUAL TESTING	No FIRE WATER
35	255	35-255-OPN-1	DAYLIGHT	1BFP1	103	ELECTRONICS LAB			FLOW IS NIL	No BACKFLOW PREVENTER
35	255	35-255-OPN-2	DAYLIGHT	N/A	103A	HEATER CLOSET			FLOW IS NIL	No CONDENSED WATER
35	255	35-255-OPN-3	DAYLIGHT	WH	101	CONFERENCE AREA			FLOW IS NIL	No HOT WATER PRESSURE RELIEF
35	255	35-255-OPN-4	10S/SWSC	1SD1	101	CONFERENCE AREA			5 DAYS PER WEEK	No COUNTERTOP SINK
35	255	35-255-OPN-4	10S/SWSC	1WF1	101	CONFERENCE AREA			5 DAYS PER WEEK	No DRINKING FOUNTAIN
35	255	35-255-OPN-5	DAYLIGHT	N/A	102	STORAGE AREA			ANNUAL TESTING	No FIRE WATER
35	255	35-255-OPN-6	DAYLIGHT	N/A	ROOF	ROOF			MOSTLY SUMMER	Yes STORM WATER DOWNSPOUT
35	257	35-257-OPN-1	10S/SWSC	1LV1	N/A	GUARD STATION			5 DAYS PER WEEK	No LAVATORY DRAIN

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
35	257	35-257-OPN-1	10S/SWSC	1TL1	N/A	GUARD STATION		5 DAYS PER WEEK	No	TOILET DRAIN
35	257	35-257-OPN-2	DAYLIGHT	N/A	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER DOWNSPOUT
35	258	35-258-OPN-000	ND	N/A	N/A	TRAILER		NO DRAINS	No	NO DRAINS
35	261	35-261-OPN-000	ND	N/A	N/A	TRAILER		NO DRAINS	No	NO DRAINS
35	262	35-262-OPN-000	ND	N/A	N/A	TRAILER		NO DRAINS	No	NO DRAINS
35	263	35-263-OPN-000	ND	N/A	N/A	TRAILER		NO DRAINS	No	NO DRAINS
35	264	35-264-OPN-1	DAYLIGHT	WH	N/A	REST ROOM		FLOW IS NIL	No	HOT WATER PRESSURE RELIEF
35	264	35-264-OPN-2	10S/SWSC	1SD1	N/A	REST ROOM		5 DAYS PER WEEK	No	HAND WASHINGS
35	264	35-264-OPN-2	10S/SWSC	1TL1	N/A	REST ROOM		5 DAYS PER WEEK	No	TOILET DRAIN
35	264	35-264-OPN-2	10S/SWSC	1WF1	N/A	HALLWAY		5 DAYS PER WEEK	No	DRINKING FOUNTAIN
35	268	35-268-OPN-1	10S/SWSC	1SD1	100	KITCHEN AREA		5 DAYS PER WEEK	No	COUNTERTOP SINK
35	268	35-268-OPN-1	10S/SWSC	1WF1	100	KITCHEN AREA		5 DAYS PER WEEK	No	DRINKING FOUNTAIN
35	268	35-268-OPN-2	DAYLIGHT	N/A	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	268	35-268-OPN-3	DAYLIGHT	N/A	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	269	35-269-OPN-1	10S/SWSC	1FS1	N/A	JANITOR'S CLOSET		5 DAYS PER WEEK	No	JANITOR'S SINK
35	269	35-269-OPN-1	10S/SWSC	1LV1	104	REST ROOM		5 DAYS PER WEEK	No	LAVATORY DRAIN
35	269	35-269-OPN-1	10S/SWSC	1LV2	108	REST ROOM		5 DAYS PER WEEK	No	LAVATORY DRAIN
35	269	35-269-OPN-1	10S/SWSC	1SD1	102	KITCHEN AREA		5 DAYS PER WEEK	No	COUNTERTOP SINK
35	269	35-269-OPN-1	10S/SWSC	1SH1	104	REST ROOM		5 DAYS PER WEEK	No	SHOWER DRAIN
35	269	35-269-OPN-1	10S/SWSC	1TL1	104	REST ROOM		5 DAYS PER WEEK	No	TOILET DRAIN
35	269	35-269-OPN-1	10S/SWSC	1TL2	108	REST ROOM		5 DAYS PER WEEK	No	TOILET DRAIN
35	269	35-269-OPN-1	10S/SWSC	1UR1	108	REST ROOM		5 DAYS PER WEEK	No	URINAL DRAIN
35	269	35-269-OPN-2	DAYLIGHT	WH	N/A	JANITOR'S CLOSET		FLOW IS NIL	No	HOT WATER PRESSURE RELIEF
35	269	35-269-OPN-3	DAYLIGHT	N/A	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	269	35-269-OPN-4	DAYLIGHT	N/A	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	269	35-269-OPN-5	DAYLIGHT	N/A	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	269	35-269-OPN-6	DAYLIGHT	N/A	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	270	35-270-OPN-1	DAYLIGHT	N/A	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	270	35-270-OPN-2	DAYLIGHT	N/A	ROOF	ROOF		MOSTLY SUMMER	Yes	STORM WATER
35	278	35-278-OPN-1	DAYLIGHT	N/A	N/A	SEIGE TANK		NO FLOW	No	OIL SEIGE TANK DRAIN (1)
35	278	35-278-OPN-2	DAYLIGHT			SEIGE TANK		NO FLOW	No	OIL SEIGE TANK DRAIN (2)
35	278	35-278-OPN-3	DAYLIGHT			SEIGE TANK		NO FLOW	No	OIL SEIGE TANK DRAIN (3)
35	279	35-279-OPN-1	DAYLIGHT			SEIGE TANK		NO FLOW	No	OIL SEIGE TANK DRAIN (1)

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
35	279	35-279-OPN-2	DAYLIGHT			SEIGE TANK		NO FLOW	No	OIL SEIGE TANK DRAIN (3)
35	279	35-279-OPN-3	DAYLIGHT			SEIGE TANK		NO FLOW	No	OIL SEIGE TANK DRAIN (2)
35	309	35-309-OPN-000	ND	N/A	N/A	TRANSPORTAINER		NO DRAINS	No	NO DRAINS
35	310	35-310-OPN-000	ND	N/A	N/A	TRANSPORTAINER		NO DRAINS	No	NO DRAINS
35	314	35-314-OPN-000	ND	N/A	N/A	ARGON TANK		NO DRAINS	No	NO DRAINS
35	316	35-316-OPN-000	ND	N/A	N/A	TRANSFORMER		NO DRAINS	No	NO DRAINS
35	325	35-325-OPN-000	ND	N/A	N/A	STORAGE SHED		NO DRAINS	No	NO DRAINS
35	326	35-326-OPN-000	ND	N/A	N/A	TRANSPORTAINER		NO DRAINS	No	NO DRAINS
35	327	35-327-OPN-000	ND	N/A	N/A	TRANSPORTAINER		NO DRAINS	No	NO DRAINS
35	330	35-330-OPN-000	ND	N/A	N/A	TRANSPORTAINER		NO DRAINS	No	NO DRAINS
35	331	35-331-OPN-000	ND	N/A	N/A	TRANSPORTAINER		NO DRAINS	No	NO DRAINS
35	332	35-332-OPN-000	ND	N/A	N/A	TRANSPORTAINER		NO DRAINS	No	NO DRAINS
35	333	35-333-OPN-000	ND	N/A	N/A	TRANSPORTAINER		NO DRAINS	No	NO DRAINS
35	336	35-336-OPN-1	10S/SWSC	1LV1	N/A	TRANSPORTABLE		5 DAYS PER WEEK	No	LAVATORY DRAIN
35	336	35-336-OPN-1	10S/SWSC	1TL1	N/A	TRANSPORTABLE		5 DAYS PER WEEK	No	TOILET DRAIN
35	336	35-336-OPN-1	DAYLIGHT	WH	N/A	KITCHEN AREA		FLOW IS NIL	No	HOT WATER PRESSURE RELIEF
35	337	35-337-OPN-000	ND	N/A	N/A	TRAILER		NO DRAINS	No	NO DRAINS
35	344	35-344-OPN-000	ND	N/A	N/A	TRANSPORTAINER		NO DRAINS	No	NO DRAINS
35	345	35-345-OPN-000	ND	N/A	N/A	TRANSPORTAINER		NO DRAINS	No	NO DRAINS
35	346	35-346-OPN-000	ND	N/A	N/A	TRANSPORTAINER		NO DRAINS	No	NO DRAINS
35	347	35-347-OPN-1	DAYLIGHT	N/A	N/A	WATER LINE PIT		FLOW IS NIL	No	NEARBY WATER PIT PRV
35	348	35-348-OPN-000	ND	N/A	N/A	TRANSPORTAINER		NO DRAINS	No	NO DRAINS
35	349	35-349-OPN-000	ND	N/A	N/A	TRANSPORTAINER		NO DRAINS	No	NO DRAINS
35	352	35-352-OPN-000	ND	N/A	N/A	TRANSPORTAINER		NO DRAINS	No	NO DRAINS
35	353	35-353-OPN-000	ND	N/A	N/A	TRANSPORTAINER		NO DRAINS	No	NO DRAINS
35	354	35-354-OPN-000	ND	N/A	N/A	TRANSPORTAINER		NO DRAINS	No	NO DRAINS
35	355	35-355-OPN-000	ND	N/A	N/A	TRANSPORTAINER		NO DRAINS	No	NO DRAINS
35	356	35-356-OPN-1	DAYLIGHT	N/A	101A	OFFICE AREA		FLOW IS NIL	No	CONDENSED WATER
35	356	35-356-OPN-2	DAYLIGHT	N/A	106	OFFICE AREA		ANNUAL TESTING	No	FIRE SYSTEM DRAIN
35	356	35-356-OPN-3	DAYLIGHT	N/A	106	OFFICE AREA		FLOW IS NIL	No	FIRE AIR GAP
35	356	35-356-OPN-4	DAYLIGHT	N/A	102	OFFICE AREA		ANNUAL TESTING	No	FIRE WATER
35	358	35-358-OPN-000	N/A	N/A	N/A	TRANSPORTAINER		NO DRAINS	No	LEAKING OIL TANK
35	359	35-359-OPN-000	N/A	N/A	N/A	TRANSPORTAINER		NO DRAINS	No	WASTE DRUM

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
35	360	35-360-OPN-000	ND	N/A	N/A	MILITARY SHELTER		NO DRAINS	No	NO DRAINS
35	361	35-361-OPN-000	ND	N/A	N/A	TRANSPORTAINER		NO DRAINS	No	NO DRAINS
35	365	35-365-OPN-000	ND	N/A	N/A	TRANSPORTAINER		NO DRAINS	No	NO DRAINS
35	366	35-366-OPN-000	ND	N/A	N/A	TRANSPORTAINER		NO DRAINS	No	NO DRAINS
35	368	35-368-OPN-000	ND	N/A	N/A	TRANSPORTAINER		NO DRAINS	No	NO DRAINS
35	369	35-369-OPN-000	ND	N/A	N/A	TRANSPORTAINER		NO DRAINS	No	NO DRAINS
35	370	35-370-OPN-000	ND	N/A	N/A	TRANSPORTAINER		NO DRAINS	No	NO DRAINS
35	371	35-385-OPN-1	DAYLIGHT	N/A	N/A	MORGAN SHED		FLOW IS NIL	No	CABINET DRAIN
35	372	35-372-OPN-000	N/A	N/A	N/A	TRANSPORTAINER		NO DRAINS	No	CHEMICAL STORAGE + PUMPS
35	373	35-373-OPN-000	N/A	N/A	N/A	TRANSPORTAINER		NO DRAINS	No	CHEMICAL STORAGE + PUMPS
35	374	35-374-OPN-000	ND	N/A	N/A	MORGAN SHED		NO DRAINS	No	NO DRAINS
35	375	35-375-OPN-000	ND	N/A	N/A	MORGAN SHED		NO DRAINS	No	NO DRAINS
35	376	35-376-OPN-000	ND	N/A	N/A	MORGAN SHED		NO DRAINS	No	NO DRAINS
35	377	35-377-OPN-000	ND	N/A	N/A	DRUM STORAGE PAD		NO DRAINS	No	NO DRAINS
35	382	35-382-OPN-000	ND	N/A	N/A	TRAILER		NO DRAINS	No	NO DRAINS
35	384	35-384-OPN-000	ND	N/A	N/A	TRANSPORTAINER		NO DRAINS	No	NO DRAINS
35	386	35-386-OPN-000	ND	N/A	N/A	HAZ-STOR SHED		NO DRAINS	No	NO DRAINS
35	388	35-388-OPN-000	ND	N/A	N/A	TRANSPORTAINER		NO DRAINS	No	NO DRAINS
35	389	35-389-OPN-000	ND	N/A	N/A	TRANSPORTAINER		NO DRAINS	No	NO DRAINS
35	390	35-390-OPN-000	ND	N/A	N/A	TRANSPORTAINER		NO DRAINS	No	NO DRAINS
35	392	35-392-OPN-000	ND	N/A	N/A	MILITARY SHELTER		NO DRAINS	No	NO DRAINS
35	393	35-393-OPN-000	ND	N/A	N/A	TRANSPORTAINER		NO DRAINS	No	NO DRAINS
35	394	35-394-OPN-000	ND	N/A	N/A	MILITARY SHELTER		NO DRAINS	No	NO DRAINS
35	395	35-395-OPN-000	ND	N/A	N/A	MILITARY BOX		NO DRAINS	No	NO DRAINS
35	406	35-406-OPN-000	ND	N/A	N/A	TRANSPORTAINER		NO DRAINS	No	NO DRAINS
35	407	35-407-OPN-000	ND	N/A	N/A	TRANSPORTAINER		NO DRAINS	No	NO DRAINS
35	408	35-408-OPN-000	ND	N/A	N/A	MILITARY SHELTER		NO DRAINS	No	NO DRAINS
35	409	35-409-OPN-000	ND	N/A	N/A	MORGAN SHED		NO DRAINS	No	NO DRAINS
35	410	35-410-OPN-000	ND	N/A	N/A	MORGAN SHED		NO DRAINS	No	NO DRAINS
35	411	35-411-OPN-000	ND	N/A	N/A	MILITARY SHELTER		NO DRAINS	No	NO DRAINS
35	412	35-412-OPN-000	ND	N/A	N/A	MORGAN SHED		NO DRAINS	No	NO DRAINS
35	422	35-422-OPN-000	ND	N/A	N/A	METAL SHED		NO DRAINS	No	NO DRAINS
35	423	35-423-OPN-000	ND	N/A	N/A	CHEM-STOR SHED		NO DRAINS	No	NO DRAINS

REPORT #

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
35	424	35-424-OPN-000	ND	N/A	N/A	MORGAN SHED		NO DRAINS	No	NO DRAINS
35	425	35-425-OPN-000	ND	N/A	N/A	METAL SHED		NO DRAINS	No	NO DRAINS
35	451	35-451-OPN-000	ND	N/A	N/A	TRANSPORTAINER		NO DRAINS	No	NO DRAINS
35	452	35-452-OPN-000	ND	N/A	N/A	METAL SHED		NO DRAINS	No	NO DRAINS
35	454	35-454-OPN-1	10S/SWSC	1SD1	N/A	REST ROOM		5 DAYS PER WEEK	No	HAND WASHINGS
35	454	35-454-OPN-1	10S/SWSC	1SD2	N/A	KITCHEN AREA		5 DAYS PER WEEK	No	COUNTERTOP SINK
35	454	35-454-OPN-1	10S/SWSC	1SD3	N/A	TRANSPORTABLE		5 DAYS PER WEEK	No	COUNTERTOP SINK
35	454	35-454-OPN-1	10S/SWSC	1TL1	N/A	TRANSPORTABLE		5 DAYS PER WEEK	No	TOILET DRAIN
35	454	35-454-OPN-2	DAYLIGHT	N/A	ROOF	TRANSPORTABLE		MOSTLY SUMMER	Yes	STORM WATER
35	454	35-454-OPN-3	DAYLIGHT	N/A	ROOF	TRANSPORTABLE		MOSTLY SUMMER	Yes	STORM WATER
35	454	35-454-OPN-4	DAYLIGHT	N/A	ROOF	TRANSPORTABLE		MOSTLY SUMMER	Yes	STORM WATER
35	454	35-454-OPN-5	DAYLIGHT	N/A	ROOF	TRANSPORTABLE		MOSTLY SUMMER	Yes	STORM WATER
35	454	35-454-OPN-6	DAYLIGHT	WH	N/A	TRANSPORTABLE		FLOW IS NIL	No	HOT WATER PRESSURE RELIEF
35	454	35-454-OPN-7	DAYLIGHT	WH	N/A	TRANSPORTABLE		FLOW IS NIL	No	HOT WATER PRESSURE RELIEF
35	457	35-457-OPN-000	ND	N/A	N/A	CHEM-STOR SHED		NO DRAINS	No	NO DRAINS
35	465	35-465-OPN-000	ND	N/A	N/A	TRAILER		NO DRAINS	No	NO DRAINS
35	466	35-466-OPN-000	ND	N/A	N/A	TRAILER		NO DRAINS	No	NO DRAINS



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)
35-2-OPN-7	5	12	0.000003	3 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



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.

Report Available

No Report

Waste Stream Characterization Report #57

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

**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.

**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	

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						3. UNITS (specify if blank)		4. INTAKE (optional)			
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	b. LONG TERM AVERAGE VALUE		d. NO. OF ANALYSES
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Biochemical Oxygen Demand (BOD)	< 2.0	< 22.7						mg/l	g/d			
b. Chemical Oxygen Demand (COD)	< 10.0	< 0.1						mg/l	g/d			
c. Total Organic Carbon (TOC)	0.6	6.7						mg/l	g/d			
d. Total Suspended Solids (TSS)	18.0	0.2						mg/l	g/d			
e. Ammonia (as N)	< 0.1	< 1.136						mg/l	g/d			
f. Flow	VALUE 3		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	X			STANDARD UNITS		X		

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'		3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. BELIEVED PRESENT	b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	b. LONG TERM AVERAGE VALUE		d. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Bromide (24959-67-9)			< 0.5	< 5.7						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	2.4						mg/l	g/d			
f. Nitrate-Nitrite (as N)	X		0.304	3.5						mg/l	g/d			

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X'		3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. SE- LIVED PRE- SENT	b. SE- LIVED AS- SENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)		d. NO. OF ANAL- YSES	e. CONCENTRATION	f. MASS	g. LONG TERM AVERAGE VALUE		h. NO. OF ANAL- YSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
g. Nitrogen, Total Organic (as N)		X	< 0.5	< 5.7						mg/l	mg/d			
h. Oil and Grease		X	< 1.05	< 11.9						mg/l	mg/d			
i. Phosphorus (as P), Total (7723-14-0)	X		0.05	0.6						mg/l	mg/d			
j. Radioactivity														
(1) Alpha, Total	X		0.1	1.1						pCi/l	pCi/d			
(2) Beta, Total	X		6.6	74.9						pCi/l	pCi/d			
(3) Radium, Total	X													
(4) Radium 226, Total	X		0.06	0.7						pCi/l	pCi/d			
k. Sulfate (as SO <sub>4</sub> ) (14808-79-8)	X		3.16	35.9						mg/l	mg/d			
l. Sulfide (as S)		X		0.0						mg/l	mg/d			
m. Sulfite (as SO <sub>3</sub> ) (14266-46-3)		X	< 0.05	< 0.6						mg/l	mg/d			
n. Surfactants		X	< 0.1	< 1.1						mg/l	mg/d			
o. Aluminum, Total (7429-90-6)		X	< 0.04	< 0.5						mg/l	mg/d			
p. Barium, Total (7440-39-3)	X		0.03	0.3						mg/l	mg/d			
q. Boron, Total (7440-42-8)	X		0.02	0.2						mg/l	mg/d			
r. Cobalt, Total (7440-48-4)		X	< 0.1	< 1.1						mg/l	mg/d			
s. Iron, Total (7439-89-6)	X		0.41	4.7						mg/l	mg/d			
t. Magnesium, Total (7439-96-4)	X		2.5	28.4						mg/l	mg/d			
u. Molybdenum, Total (7439-98-7)		X	< 0.02	< 0.2						mg/l	mg/d			
v. Manganese, Total (7439-96-5)	X		0.01	0.1						mg/l	mg/d			
w. Tin, Total (7440-31-5)		X	< 0.050	< 0.6						mg/l	mg/d			
x. Titanium, Total (7440-32-8)		X	< 0.004	< 0.0						mg/l	mg/d			

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		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	b. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
<b>METALS, CYANIDE, AND TOTAL PHENOLS</b>															
1M. Antimony, Total (7440-36-0)			X	< 0.050	< 0.6						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	< 0.1						mg/l	mg/d			
5M. Chromium, Total (7440-47-3)		X		0.040	0.5						mg/l	mg/d			
6M. Copper, Total (7440-50-8)		X		0.031	0.4						mg/l	mg/d			
7M. Lead, Total (7439-92-1)			X	< 0.050	< 0.6						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	0.7						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	< 0.1						mg/l	mg/d			
12M. Thallium, Total (7440-28-0)			X	< 0.4	< 4.5						mg/l	mg/d			
13M. Zinc, Total (7440-66-6)		X		0.043	0.5						mg/l	mg/d			
14M. Cyanide, Total (57-12-5)			X	0.01	0.1						mg/l	mg/d			
15M. Phenols, Total			X	< 0.01	< 0.1						mg/l	mg/d			
<b>DIOXIN</b>															
2,3,7,8-Tetra-chlorodibenzo-P-Dioxin (1764-01-6)			X	DESCRIBE RESULTS											

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	A. TEST-ING RE-QUIT-ED	B. BE-LIEVED PRE-SENT	C. BE-LIEVED AB-SENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANAL-YSES	e. CONCENT-RATION	f. MASS	g. LONG TERM AVERAGE VALUE		h. NO. OF ANAL-YSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENT-RATION	(2) MASS	
<b>GC/MS FRACTION - VOLATILE COMPOUNDS</b>															
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 (Chloro-methyl) 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. Chloro-dibromomethane (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-Chloro-ethylvinyl Ether (110-75-8)			X												
11V. Chloroform (67-66-3)			X	< 0.005	< 0.1						mg/l	mg/d			
12V. Dichloro-bromomethane (75-27-4)			X	< 0.005	< 0.1						mg/l	mg/d			
13V. Dichloro-difluoromethane (75-71-8)			X												
14V. 1,1-Dichloro-ethane (75-34-3)			X	< 0.005	< 0.1						mg/l	mg/d			
15V. 1,2-Dichloro-ethane (107-06-2)			X	< 0.005	< 0.1						mg/l	mg/d			
16V. 1,1-Dichloro-ethylene (75-35-4)			X	< 0.005	< 0.1						mg/l	mg/d			
17V. 1,2-Dichloro-propane (78-87-5)			X	< 0.005	< 0.1						mg/l	kg/d			
18V. 1,3-Dichloro-propylene (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	< 0.1						mg/l	mg/d			
21V. Methyl Chloride (74-87-3)			X	< 0.010	< 0.1						mg/l	mg/d			

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		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	b. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
<b>GC/MS FRACTION -- VOLATILE COMPOUNDS (continued)</b>															
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	< 0.1						mg/l	mg/d			
<b>GC/MS FRACTION -- ACID COMPOUNDS</b>															
1A. 2-Chlorophenol (95-57-8)			X	< 0.010	< 0.1						mg/l	mg/d			
2A. 2,4-Dichlorophenol (120-83-2)			X	< 0.010	< 0.1						mg/l	mg/d			
3A. 2,4-Dimethylphenol (105-67-9)			X	< 0.010	< 0.1						mg/l	mg/d			
4A. 4,6-Dinitro-O-Cresol (834-52-1)			X	< 0.010	< 0.1						mg/l	mg/d			
5A. 2,4-Dinitrophenol (51-28-5)			X	< 0.010	< 0.1						mg/l	mg/d			
6A. 2-Nitrophenol (88-75-8)			X	< 0.010	< 0.1						mg/l	mg/d			
7A. 4-Nitrophenol (100-02-7)			X	< 0.010	< 0.1						mg/l	mg/d			
8A. P-Chloro-M-Cresol (59-50-7)			X	< 0.010	< 0.1						mg/l	mg/d			
9A. Pentachlorophenol (87-86-5)			X	< 0.010	< 0.1						mg/l	mg/d			
10A. Phenol (108-95-2)			X	< 0.010	< 0.1						mg/l	mg/d			
11A. 2,4,6-Trichlorophenol (88-06-2)			X	< 0.010	< 0.1						mg/l	mg/d			

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. DEVIATED PRESENT	c. DEVIATED ABSENT	b. MAXIMUM DAILY VALUE		d. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	b. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
<b>GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS</b>															
1B. Acenaphthene (83-32-9)			X	< 0.010	< 0.1						mg/l	mg/d			
2B. Acenaphthylene (208-96-8)			X	< 0.010	< 0.1						mg/l	mg/d			
3B. Anthracene (120-12-7)			X	< 0.010	< 0.1						mg/l	mg/d			
4B. Benzidine (92-87-5)			X	< 0.010	< 0.1						mg/l	mg/d			
5B. Benzo (a) Anthracene (56-55-3)			X	< 0.010	< 0.1						mg/l	mg/d			
6B. Benzo (a) Pyrene (50-32-8)			X	< 0.010	< 0.1						mg/l	mg/d			
7B. 3,4-Benzo-fluoranthene (205-99-2)			X	< 0.010	< 0.1						mg/l	mg/d			
8B. Benzo (ghi) Perylene (191-24-2)			X	< 0.010	< 0.1						mg/l	mg/d			
9B. Benzo (k) Fluoranthene (207-08-9)			X	< 0.010	< 0.1						mg/l	mg/d			
10B. Bis (2-Chloroethoxy) Methane (111-91-1)			X	< 0.010	< 0.1						mg/l	mg/d			
11B. Bis (2-Chloroethyl) Ether (111-44-4)			X	< 0.010	< 0.1						mg/l	mg/d			
12B. Bis (2-Chloroisopropyl) Ether (102-60-1)			X	< 0.010	< 0.1						mg/l	mg/d			
13B. Bis (2-Ethylhexyl) Phthalate (117-81-7)			X	< 0.010	< 0.1						mg/l	mg/d			
14B. 4-Bromophenyl Phenyl Ether (101-55-3)			X	< 0.010	< 0.1						mg/l	mg/d			
15B. Butyl Benzyl Phthalate (85-68-7)			X	< 0.010	< 0.1						mg/l	mg/d			
16B. 2-Chloronaphthalene (91-58-7)			X	< 0.010	< 0.1						mg/l	mg/d			
17B. 4-Chlorophenyl Phenyl Ether (7005-72-3)			X	< 0.010	< 0.1						mg/l	mg/d			
18B. Chrysene (218-01-9)			X	< 0.010	< 0.1						mg/l	mg/d			
19B. Dibenzo (a,h) Anthracene (63-70-3)			X	< 0.010	< 0.1						mg/l	mg/d			
20B. 1,2-Dichlorobenzene (95-50-1)			X	< 0.010	< 0.1						mg/l	mg/d			
21B. 1,3-Dichlorobenzene (541-73-1)			X	< 0.010	< 0.1						mg/l	mg/d			

CONTINUED FROM PAGE V-6

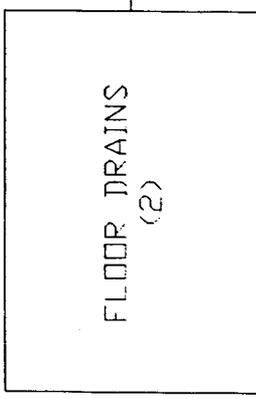
1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						d. NO. OF ANALYSES	4. UNITS		5. INTAKE (optional)		
	a. TEST-ING RE-QUIR-ED	b. RE-CEIVED PRE-SENT	c. RE-CEIVED RE-SENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)			b. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
<b>GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)</b>															
22B. 1,4-Dichlorobenzene (106-46-7)			X	< 0.010	< 0.1						mg/l	mg/d			
23B. 3,3'-Dichlorobenzidine (91-94-1)			X	< 0.010	< 0.1						mg/l	mg/d			
24B. Diethyl Phthalate (84-86-2)			X	< 0.010	< 0.1						mg/l	mg/d			
25B. Dimethyl Phthalate (131-11-3)			X	< 0.010	< 0.1						mg/l	mg/d			
26B. Di-N-Butyl Phthalate (84-74-2)			X	< 0.010	< 0.1						mg/l	mg/d			
27B. 2,4-Dinitrotoluene (121-14-2)			X	< 0.010	< 0.1						mg/l	mg/d			
28B. 2,6-Dinitrotoluene (606-20-2)			X	< 0.010	< 0.1						mg/l	mg/d			
29B. Di-N-Octyl Phthalate (117-84-0)			X	< 0.010	< 0.1						mg/l	mg/d			
30B. 1,2-Diphenylhydrazine (as Azobenzene) (122-66-7)			X	< 0.010	< 0.1						mg/l	mg/d			
31B. Fluoranthene (206-44-0)			X	< 0.010	< 0.1						mg/l	mg/d			
32B. Fluorene (86-73-7)			X	< 0.010	< 0.1						mg/l	mg/d			
33B. Hexachlorobenzene (118-74-1)			X	< 0.010	< 0.1						mg/l	mg/d			
34B. Hexachlorobutadiene (87-68-3)			X	< 0.010	< 0.1						mg/l	mg/d			
35B. Hexachlorocyclopentadiene (77-47-4)			X	< 0.010	< 0.1						mg/l	mg/d			
36B. Hexachloroethane (67-72-1)			X	< 0.010	< 0.1						mg/l	mg/d			
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)			X	< 0.010	< 0.1						mg/l	mg/d			
38B. Isophorone (78-59-1)			X	< 0.010	< 0.1						mg/l	mg/d			
39B. Naphthalene (91-20-3)			X	< 0.010	< 0.1						mg/l	mg/d			
40B. Nitrobenzene (98-96-3)			X	< 0.010	< 0.1						mg/l	mg/d			
41B. N-Nitrosodimethylamine (62-75-9)			X	< 0.010	< 0.1						mg/l	mg/d			
42B. N-Nitrosodi-N-Propylamine (621-54-7)			X	< 0.010	< 0.1						mg/l	mg/d			

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 ASSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	A. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
<b>GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)</b>															
43B. N-Nitrosodiphenylamine (86-30-6)			X	< 0.010	< 0.1						mg/l	mg/d			
44B. Phenanthrene (85-01-8)			X	< 0.010	< 0.1						mg/l	mg/d			
45B. Pyrene (129-00-0)			X	< 0.010	< 0.1						mg/l	mg/d			
46B. 1,2,4-Trichlorobenzene (120-82-1)			X	< 0.010	< 0.1						mg/l	mg/d			
<b>GC/MS FRACTION - PESTICIDES</b>															
1P. Aldrin (309-00-2)			X	< 0.06	< 0.7						ug/l	ug/d			
2P. α-BHC (319-84-6)			X	< 0.02	< 0.2						ug/l	ug/d			
3P. β-BHC (319-85-7)			X	< 0.1	< 1.1						ug/l	ug/d			
4P. γ-BHC (58-89-9)			X	< 0.03	< 0.3						ug/l	ug/d			
5P. δ-BHC (319-86-8)			X	< 0.12	< 1.4						ug/l	ug/d			
6P. Chlordane (57-74-9)			X	< 0.25	< 2.8						ug/l	ug/d			
7P. 4,4'-DDT (50-29-3)			X	< 0.06	< 0.7						ug/l	ug/d			
8P. 4,4'-DDE (72-65-9)			X	< 0.08	< 0.9						ug/l	ug/d			
9P. 4,4'-DDD (72-54-8)			X	< 0.08	< 0.9						ug/l	ug/d			
10P. Dieldrin (60-57-1)			X	< 0.08	< 0.9						ug/l	ug/d			
11P. α-Endosulfan (115-29-7)			X	< 0.05	< 0.6						ug/l	ug/d			
12P. β-Endosulfan (115-29-7)			X	< 0.08	< 0.9						ug/l	ug/d			
13P. Endosulfan Sulfate (1031-07-8)			X	< 0.09	< 1.0						ug/l	ug/d			
14P. Endrin (72-20-8)			X	< 0.06	< 0.7						ug/l	ug/d			
15P. Endrin Aldehyde (7421-93-4)			X	< 0.62	< 7.0						ug/l	ug/d			
16P. Heptachlor (76-44-8)			X	< 0.3	< 3.4						ug/l	ug/d			

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		d. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	b. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
<b>GC/MS FRACTION - PESTICIDES (continued)</b>															
17P. Heptachlor Epoxide (1024-57-3)			X	< 0.04	< 0.5						ug/l	ug/d			
18P. PCB-1242 (53469-21-9)			X	< 0.68	< 7.7						ug/l	ug/d			
19P. PCB-1254 (11097-69-1)			X	< 0.68	< 7.7						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 (11098-82-5)			X	< 0.68	< 7.7						ug/l	ug/d			
24P. PCB-1016 (12674-11-2)			X	N.D.											
25P. Toxaphene (8001-35-2)			X	< 2.5	< 28.4						ug/l	ug/d			

35-2-OPN-7  
3 GPD (EST.)  
TO MORTANDAD CANYON



TA-35-2  
NOT TO SCALE



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)
35-2-OPN-79	5	12	0.000015	15 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



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.

Report Available       No Report

Waste Stream Characterization Report #57

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	

**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. Discharge is consistent with potable water with hand washing activities (grey 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.*

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

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. 2040-0066  
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.

I. POLLUTANT	2. EFFLUENT							3. UNITS (specify if blank)		4. INTAKE (optional)		
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	e. LONG TERM AVERAGE VALUE		f. NO. OF ANALYSES
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Biochemical Oxygen Demand (BOD)	< 2.0	< 0.1						mg/l	g/d			
b. Chemical Oxygen Demand (COD)	< 10.0	< 0.6						mg/l	g/d			
c. Total Organic Carbon (TOC)	0.6	33.5						mg/l	g/d			
d. Total Suspended Solids (TSS)	18.0	1.0						mg/l	g/d			
e. Ammonia (as N)	< 0.1	< 5.678						mg/l	g/d			
f. Flow	VALUE 15		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	X			STANDARD UNITS		X		

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'		3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. BELIEVED PRESENT	b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	e. LONG TERM AVERAGE VALUE		f. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Bromide (24959-67-9)			< 0.5	< 28.4						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	11.9						mg/l	g/d			
f. Nitrate-Nitrite (as N)	X		0.304	17.3						mg/l	g/d			

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X'		3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. BE- LIEVED PER SENT	b. BE- LIEVED AS SENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)		d. NO. OF ANAL- YSES	a. CONCENTRATION	b. MASS	c. LONG TERM AVERAGE VALUE		d. NO. OF ANAL- YSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
g. Nitrogen, Total Organic (as N)		X	< 0.5	< 28.4						mg/l	mg/d			
h. Oil and Grease		X	< 1.05	< 59.6						mg/l	mg/d			
i. Phosphorus (as P), Total (7723-14-0)	X		0.05	2.8						mg/l	mg/d			
j. Radioactivity														
(1) Alpha, Total	X		0.1	5.7						pCi/l	pCi/d			
(2) Beta, Total	X		6.6	0.4						pCi/l	nCi/d			
(3) Radium, Total	X													
(4) Radium 226, Total	X		0.06	3.4						pCi/l	pCi/d			
k. Sulfate (as SO <sub>4</sub> ) (14808-79-8)	X		3.16	0.2						mg/l	g/d			
l. Sulfide (as S)		X		0.0						mg/l	mg/d			
m. Sulfite (as SO <sub>3</sub> ) (14266-45-3)		X	< 0.05	< 2.8						mg/l	mg/d			
n. Surfactants		X	< 0.1	< 5.7						mg/l	mg/d			
o. Aluminum, Total (7429-90-6)		X	< 0.04	< 2.3						mg/l	mg/d			
p. Barium, Total (7440-39-3)	X		0.03	1.7						mg/l	mg/d			
q. Boron, Total (7440-42-8)	X		0.02	1.1						mg/l	mg/d			
r. Cobalt, Total (7440-48-4)		X	< 0.1	< 5.7						mg/l	mg/d			
s. Iron, Total (7439-89-6)	X		0.41	23.3						mg/l	mg/d			
t. Magnesium, Total (7439-96-4)	X		2.5	0.1						mg/l	g/d			
u. Molybdenum, Total (7439-98-7)		X	< 0.02	< 1.1						mg/l	mg/d			
v. Manganese, Total (7439-96-5)	X		0.01	0.6						mg/l	mg/d			
w. Tin, Total (7440-31-5)		X	< 0.050	< 2.8						mg/l	mg/d			
x. Titanium, Total (7440-32-8)		X	< 0.004	< 0.2						mg/l	mg/d			

NM0890010515

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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 2c 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. TEST-ING RE-QUIRED	B. BE-LIEVED PRE-SENT	C. BE-LIEVED AB-SENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANAL-YSES	a. CONCENT-RATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANAL-YSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
<b>METALS, CYANIDE, AND TOTAL PHENOLS</b>															
1M. Antimony, Total (7440-38-0)			X	< 0.050	< 2.8						mg/l	mg/d			
2M. Arsenic, Total (7440-38-2)		X		0.002	0.1						mg/l	mg/d			
3M. Beryllium, Total, 7440-41-7)			X	< 0.001	< 0.1						mg/l	mg/d			
4M. Cadmium, Total (7440-43-9)			X	< 0.010	< 0.6						mg/l	mg/d			
5M. Chromium, Total (7440-47-3)		X		0.040	2.3						mg/l	mg/d			
6M. Copper, Total (7440-50-8)		X		0.031	1.8						mg/l	mg/d			
7M. Lead, Total (7439-92-1)			X	< 0.050	< 2.8						mg/l	mg/d			
8M. Mercury, Total (7439-97-6)			X	< 0.0002	< 0.0						mg/l	mg/d			
9M. Nickel, Total (7440-02-0)		X		0.06	3.4						mg/l	mg/d			
10M. Selenium, Total (7782-49-2)			X	< 0.001	< 0.1						mg/l	mg/d			
11M. Silver, Total (7440-22-4)			X	< 0.010	< 0.6						mg/l	mg/d			
12M. Thallium, Total (7440-28-0)			X	< 0.4	< 22.7						mg/l	mg/d			
13M. Zinc, Total (7440-66-6)		X		0.043	2.4						mg/l	mg/d			
14M. Cyanide, Total (57-12-5)			X	0.01	0.6						mg/l	mg/d			
15M. Phenols, Total			X	< 0.01	< 0.6						mg/l	mg/d			
<b>DIOXIN</b>															
2,3,7,8-Tetra-chlorodibenzo-P-Dioxin (1764-01-6)			X	DESCRIBE RESULTS											

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		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	b. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		d. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
<b>GC/MS FRACTION - VOLATILE COMPOUNDS</b>															
1V. Acrolein (107-02-8)			X												
2V. Acrylonitrile (107-13-1)			X												
3V. Benzene (71-43-2)			X	< 0.005	< 0.3						mg/l	mg/d			
4V. Bis (Chloromethyl) Ether (542-88-1)			X												
5V. Bromoform (75-25-2)			X	< 0.005	< 0.3						mg/l	mg/d			
6V. Carbon Tetrachloride (56-23-5)			X	< 0.005	< 0.3						mg/l	mg/d			
7V. Chlorobenzene (108-90-7)			X	< 0.005	< 0.3						mg/l	mg/d			
8V. Chlorodibromomethane (124-48-1)			X	< 0.005	< 0.3						mg/l	mg/d			
9V. Chloroethane (75-00-3)			X	< 0.010	< 0.000						mg/l	mg/d			
10V. 2-Chloroethylvinyl Ether (110-75-3)			X												
11V. Chloroform (67-66-3)			X	< 0.005	< 0.3						mg/l	mg/d			
12V. Dichlorobromomethane (75-27-4)			X	< 0.005	< 0.3						mg/l	mg/d			
13V. Dichlorodifluoromethane (75-71-8)			X												
14V. 1,1-Dichloroethane (75-34-3)			X	< 0.005	< 0.3						mg/l	mg/d			
15V. 1,2-Dichloroethane (107-06-2)			X	< 0.005	< 0.3						mg/l	mg/d			
16V. 1,1-Dichloroethylene (75-35-4)			X	< 0.005	< 0.3						mg/l	mg/d			
17V. 1,2-Dichloropropane (78-87-5)			X	< 0.005	< 0.3						mg/l	kg/d			
18V. 1,3-Dichloropropylene (542-75-8)			X	<	< 0.0						mg/l	mg/d			
19V. Ethylbenzene (100-41-4)			X	< 0.005	< 0.3						mg/l	mg/d			
20V. Methyl Bromide (74-83-9)			X	< 0.010	< 0.6						mg/l	mg/d			
21V. Methyl Chloride (74-87-3)			X	< 0.010	< 0.6						mg/l	mg/d			

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	B. MAXIMUM DAILY VALUE		D. MAXIMUM 30 DAY VALUE (if available)		G. LONG TERM AVG. VALUE (if available)		D. NO. OF ANALYSES	B. CONCENTRATION	b. MASS	E. LONG TERM AVERAGE VALUE		D. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
<b>GC/MS FRACTION - VOLATILE COMPOUNDS (continued)</b>															
22V. Methylene Chloride (75-09-2)			X	< 0.005	< 0.3						mg/l	mg/d			
23V. 1,1,2,2-Tetrachloroethane (79-34-5)			X	< 0.005	< 0.3						mg/l	mg/d			
24V. Tetrachloroethylene (127-18-4)			X	< 0.005	< 0.3						mg/l	mg/d			
25V. Toluene (108-88-3)			X	< 0.005	< 0.3						mg/l	mg/d			
26V. 1,2-Trans-Dichloroethylene (156-60-5)			X	< 0.005	< 0.3						mg/l	mg/d			
27V. 1,1,1-Trichloroethane (71-55-6)			X	< 0.005	< 0.3						mg/l	mg/d			
28V. 1,1,2-Trichloroethane (79-00-5)			X	< 0.005	< 0.3						mg/l	mg/d			
29V. Trichloroethylene (79-01-6)			X	< 0.005	< 0.3						mg/l	mg/d			
30V. Trichlorofluoromethane (75-69-4)			X	< 0.005	< 0.3						mg/l	mg/d			
31V. Vinyl Chloride (75-01-4)			X	< 0.010	< 0.6						mg/l	mg/d			
<b>GC/MS FRACTION - ACID COMPOUNDS</b>															
1A. 2-Chlorophenol (95-57-8)			X	< 0.010	< 0.6						mg/l	mg/d			
2A. 2,4-Dichlorophenol (120-83-2)			X	< 0.010	< 0.6						mg/l	mg/d			
3A. 2,4-Dimethylphenol (105-67-9)			X	< 0.010	< 0.6						mg/l	mg/d			
4A. 4,6-Dinitro-O-Cresol (534-52-1)			X	< 0.010	< 0.6						mg/l	mg/d			
5A. 2,4-Dinitrophenol (51-28-5)			X	< 0.010	< 0.6						mg/l	mg/d			
6A. 2-Nitrophenol (88-75-5)			X	< 0.010	< 0.6						mg/l	mg/d			
7A. 4-Nitrophenol (100-02-7)			X	< 0.010	< 0.6						mg/l	mg/d			
8A. P-Chloro-M-Cresol (59-50-7)			X	< 0.010	< 0.6						mg/l	mg/d			
9A. Pentachlorophenol (87-86-5)			X	< 0.010	< 0.6						mg/l	mg/d			
10A. Phenol (108-95-2)			X	< 0.010	< 0.6						mg/l	mg/d			
11A. 2,4,6-Trichlorophenol (88-06-2)			X	< 0.010	< 0.6						mg/l	mg/d			

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	s. MAXIMUM DAILY VALUE		d. MAXIMUM 30 DAY VALUE (if available)		e. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	g. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
<b>GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS</b>															
1B. Acenaphthene (83-32-9)			X	< 0.010	< 0.6						mg/l	mg/d			
2B. Acenaphthylene (208-96-8)			X	< 0.010	< 0.6						mg/l	mg/d			
3B. Anthracene (120-12-7)			X	< 0.010	< 0.6						mg/l	mg/d			
4B. Benzidine (92-87-5)			X	< 0.010	< 0.6						mg/l	mg/d			
5B. Benzo (a) Anthracene (56-56-3)			X	< 0.010	< 0.6						mg/l	mg/d			
6B. Benzo (a) Pyrene (50-32-8)			X	< 0.010	< 0.6						mg/l	mg/d			
7B. 3,4-Benzo-fluoranthene (206-99-2)			X	< 0.010	< 0.6						mg/l	mg/d			
8B. Benzo (ghi) Perylene (191-24-2)			X	< 0.010	< 0.6						mg/l	mg/d			
9B. Benzo (h) Fluoranthene (207-08-9)			X	< 0.010	< 0.6						mg/l	mg/d			
10B. Bis (2-Chloroethoxy) Methane (111-91-1)			X	< 0.010	< 0.6						mg/l	mg/d			
11B. Bis (2-Chloroethyl) Ether (111-44-4)			X	< 0.010	< 0.6						mg/l	mg/d			
12B. Bis (2-Chloropropyl) Ether (102-60-1)			X	< 0.010	< 0.6						mg/l	mg/d			
13B. Bis (2-Ethylhexyl) Phthalate (117-81-7)			X	< 0.010	< 0.6						mg/l	mg/d			
14B. 4-Bromophenyl Phenyl Ether (101-55-3)			X	< 0.010	< 0.6						mg/l	mg/d			
15B. Butyl Benzyl Phthalate (85-68-7)			X	< 0.010	< 0.6						mg/l	mg/d			
16B. 2-Chloronaphthalene (91-58-7)			X	< 0.010	< 0.6						mg/l	mg/d			
17B. 4-Chlorophenyl Phenyl Ether (7005-72-3)			X	< 0.010	< 0.6						mg/l	mg/d			
18B. Chrysene (218-01-9)			X	< 0.010	< 0.6						mg/l	mg/d			
19B. Dibenzo (a,h) Anthracene (53-70-3)			X	< 0.010	< 0.6						mg/l	mg/d			
20B. 1,2-Dichlorobenzene (95-50-1)			X	< 0.010	< 0.6						mg/l	mg/d			
21B. 1,3-Dichlorobenzene (541-73-1)			X	< 0.010	< 0.6						mg/l	mg/d			

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CONTINUED FROM PAGE V-6

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	B. MAXIMUM DAILY VALUE		D. MAXIMUM 30 DAY VALUE (if available)		C. LONG TERM AVRG. VALUE (if available)		D. NO. OF ANALYSES	B. CONCENTRATION	D. MASS	B. LONG TERM AVERAGE VALUE		D. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)															
22B. 1,4-Dichlorobenzene (106-46-7)			X	< 0.010	< 0.6						mg/l	mg/d			
23B. 3,3'-Dichlorobenzidine (91-94-1)			X	< 0.010	< 0.6						mg/l	mg/d			
24B. Diethyl Phthalate (84-66-2)			X	< 0.010	< 0.6						mg/l	mg/d			
25B. Dimethyl Phthalate (131-11-3)			X	< 0.010	< 0.6						mg/l	mg/d			
26B. Di-N-Butyl Phthalate (84-74-2)			X	< 0.010	< 0.6						mg/l	mg/d			
27B. 2,4-Dinitrotoluene (121-14-2)			X	< 0.010	< 0.6						mg/l	mg/d			
28B. 2,6-Dinitrotoluene (606-20-2)			X	< 0.010	< 0.6						mg/l	mg/d			
29B. Di-N-Octyl Phthalate (117-84-0)			X	< 0.010	< 0.6						mg/l	mg/d			
30B. 1,2-Diphenylhydrazine (as Azobenzene) (122-66-7)			X	< 0.010	< 0.6						mg/l	mg/d			
31B. Fluoranthene (206-44-0)			X	< 0.010	< 0.6						mg/l	mg/d			
32B. Fluorene (86-73-7)			X	< 0.010	< 0.6						mg/l	mg/d			
33B. Hexachlorobenzene (118-74-1)			X	< 0.010	< 0.6						mg/l	mg/d			
34B. Hexachlorobutadiene (87-68-3)			X	< 0.010	< 0.6						mg/l	mg/d			
35B. Hexachlorocyclopentadiene (77-47-4)			X	< 0.010	< 0.6						mg/l	mg/d			
36B. Hexachloroethane (67-72-1)			X	< 0.010	< 0.6						mg/l	mg/d			
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)			X	< 0.010	< 0.6						mg/l	mg/d			
38B. Isophorone (78-59-1)			X	< 0.010	< 0.6						mg/l	mg/d			
39B. Naphthalene (91-20-3)			X	< 0.010	< 0.6						mg/l	mg/d			
40B. Nitrobenzene (98-95-3)			X	< 0.010	< 0.6						mg/l	mg/d			
41B. N-Nitrosodimethylamine (62-75-9)			X	< 0.010	< 0.6						mg/l	mg/d			
42B. N-Nitrosodi-N-Propylamine (621-64-7)			X	< 0.010	< 0.6						mg/l	mg/d			

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		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	A. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
<b>GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)</b>															
43B. N-Nitrosodiphenylamine (86-30-6)			X	< 0.010	< 0.6						mg/l	mg/d			
44B. Phenanthrene (85-01-8)			X	< 0.010	< 0.6						mg/l	mg/d			
45B. Pyrene (129-00-0)			X	< 0.010	< 0.6						mg/l	mg/d			
46B. 1,2,4-Trichlorobenzene (120-82-1)			X	< 0.010	< 0.6						mg/l	mg/d			
<b>GC/MS FRACTION - PESTICIDES</b>															
1P. Aldrin (309-00-2)			X	< 0.06	< 3.4						ug/l	ug/d			
2P. α-BHC (319-84-6)			X	< 0.02	< 1.1						ug/l	ug/d			
3P. β-BHC (319-85-7)			X	< 0.1	< 5.7						ug/l	ug/d			
4P. γ-BHC (58-89-9)			X	< 0.03	< 1.7						ug/l	ug/d			
5P. δ-BHC (319-86-8)			X	< 0.12	< 6.8						ug/l	ug/d			
6P. Chlordane (57-74-9)			X	< 0.25	< 14.2						ug/l	ug/d			
7P. 4,4'-DDT (50-29-3)			X	< 0.06	< 3.4						ug/l	ug/d			
8P. 4,4'-DDE (72-66-9)			X	< 0.08	< 4.5						ug/l	ug/d			
9P. 4,4'-DDD (72-54-8)			X	< 0.08	< 4.5						ug/l	ug/d			
10P. Dieldrin (60-57-1)			X	< 0.08	< 4.5						ug/l	ug/d			
11P. α-Endosulfan (115-29-7)			X	< 0.05	< 2.8						ug/l	ug/d			
12P. β-Endosulfan (115-29-7)			X	< 0.08	< 4.5						ug/l	ug/d			
13P. Endosulfan Sulfate (1031-07-8)			X	< 0.09	< 5.1						ug/l	ug/d			
14P. Endrin (72-20-8)			X	< 0.06	< 3.4						ug/l	ug/d			
15P. Endrin Aldehyde (7421-93-4)			X	< 0.62	< 35.2						ug/l	ug/d			
16P. Heptachlor (76-44-8)			X	< 0.3	< 17.0						ug/l	ug/d			

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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'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	A. TESTING REQUIRED	B. BELIEVED PRESENT	C. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	e. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
<b>GC/MS FRACTION - PESTICIDES (continued)</b>															
17P. Heptachlor Epoxide (102457-3)			X	< 0.04	< 2.3						ug/l	ug/d			
18P. PCB-1242 (53469-21-9)			X	< 0.68	< 38.6						ug/l	ug/d			
19P. PCB-1254 (11097-69-1)			X	< 0.68	< 38.6						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 (11098-82-5)			X	< 0.68	< 38.6						ug/l	ug/d			
24P. PCB-1016 (12674-11-2)			X	N.D.											
25P. Toxaphene (8001-35-2)			X	< 2.5	< 0.1						ug/l	mg/d			

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SINK DRAINS  
(3)

35-2-OPN-79  
15 GPD (EST.)  
TO MORTANDAD CANYON

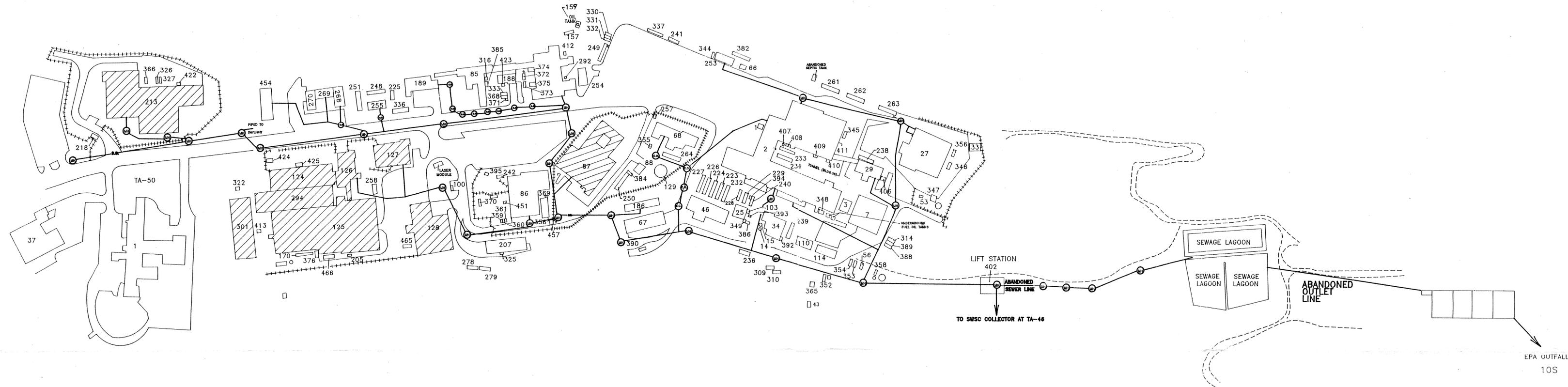
TA-35-2  
NOT TO SCALE

# DYE STUDY INFORMATION

BUILDING NUMBER	DRAIN NUMBER	DID DYE REACH EXPECTED DESTINATION?	COMMENTS
35-002	1SD16	YES	NONE
35-002	1SD17	YES	NONE
35-002	1SD2	YES	NONE
35-002	1SD23	YES	NONE
35-002	1SD27	YES	NONE
35-002	1SD28	YES	NONE
35-002	1SD29	YES	NONE
35-002	1SD30	YES	NONE
35-002	1SD31	YES	NONE
35-002	1SD32	YES	NONE
35-002	1SD34	YES	NONE
35-002	1SD37	YES	NONE
35-002	1SD4	YES	NONE
35-002	1SD41	YES	NONE
35-002	1SD42	YES	NONE
35-002	1SD43	YES	NONE
35-002	1SD45	YES	NONE
35-002	1SD6	YES	NONE
35-002	1SD7	YES	NONE
35-002	1TL1	YES	NONE
35-002	1TL4	YES	NONE
35-002	1TL5	YES	NONE
35-002	1TL6	YES	NONE
35-002	1TL8	YES	NONE
35-002	BAD4	YES	NONE
35-002	BAD5	YES	NONE
35-002	BFD1	YES	NONE
35-002	BFD2	YES	NONE
35-002	BFD5	YES	NONE
35-002	BLV1	YES	NONE
35-002	BSD6	YES	NONE
35-002	BSD7	YES	NONE
35-002	BTL1	YES	NONE
35-027	1FD2	YES	NONE
35-027	1FD5	YES	NONE
35-027	1FD6	YES	NONE
35-027	1FD9	YES	NONE
35-027	1FD11	YES	NONE
35-027	1FD15	YES	NONE
35-027	1FD19	YES	NONE
35-027	1SD1	YES	NONE
35-027	1TL1	YES	NONE
35-027	1TL2	YES	NONE
35-027	1TL4	YES	NONE
35-027	SBLV1	YES	NONE

## DYE STUDY INFORMATION

BUILDING NUMBER	DRAIN NUMBER	DID DYE REACH EXPECTED DESTINATION?	COMMENTS
35-027	SBLV3	YES	NONE
35-027	SBTL1	YES	NONE
35-027	SBTL3	YES	NONE
35-027	SBSD2	YES	NONE
35-027	SBSD3	YES	NONE
35-027	BTL1	YES	NONE
35-027	BSD1	YES	NONE
35-029	1SD1	YES	NONE
35-034	1FD2	YES	NONE
35-046	1FD7	YES	NONE
35-046	1SD1	YES	NONE
35-046	1TL1	YES	NONE
35-085	1FD4	YES	NONE
35-085	1FD5	YES	NONE
35-085	1SD1	YES	NONE
35-085	1TL1	YES	NONE
35-085	1TL3	YES	NONE
35-086	1FD1	YES	NONE
35-086	1FD2	YES	NONE
35-086	1TL2	YES	NONE
35-086	BFD5	YES	NONE
35-086	BTL1	YES	NONE
35-110	1TL2	YES	NONE
35-114	1TL1	YES	NONE
35-186	1TL1	YES	NONE
35-186	1TL3	YES	NONE
35-186	1SD3	YES	NONE
35-188	1TL1	YES	NONE
35-188	1SD2	YES	NONE
35-189	1TL1	YES	NONE
35-189	1FS1	YES	NONE
35-189	1SD2	YES	NONE
35-189	1FS2	YES	NONE
35-207	1TL1	YES	NONE
35-207	1SD4	YES	NONE
35-207	1SD5	YES	NONE
35-218	1TL1	YES	NONE
35-253	1SD1	YES	NONE
35-253	1TL2	YES	NONE
35-255	1SD1	YES	NONE
35-268	1SD1	YES	NONE
35-269	1TL2	YES	NONE
35-454	1TL1	YES	NONE



TA-35  
SITE PLAN

NOT TO SCALE

LEGEND

- (MH) - SANITARY SEWER MANHOLE
- (CO) - SANITARY SEWER CLEANOUT
- FENCED AREA



NOTES:

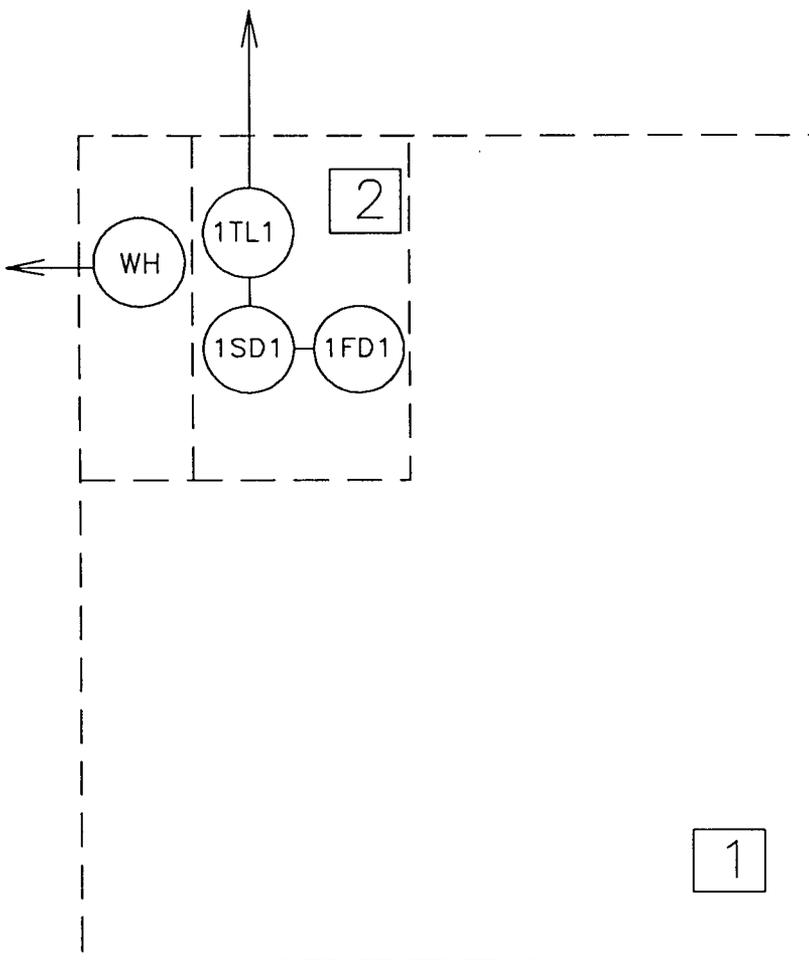
- 1) ACTUAL PIPING DETERMINED FROM ENGINEERING DRAWING R 3117, SHEETS 2, 3 AND 4, C-51441, SHEETS 4, 5 AND 8, C-45763, SHEET 1, C-46609, C-44373, SHEET M-2, C-45887 AND ON-SITE INSPECTION.

15308-A

SANTA FE ENGINEERING, LTD.			
<p><b>TA-35</b> SITE PLAN</p>		DRAWN	D.A.H.
		DESIGN	E.J.H.
		CHECKED	P.E.B.
		DATE	12/21/92
SUBMITTED	RECOMMENDED	APPROVED	
		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	11056-57	FIGURE 1	

35-1-OPN-2  
SANITARY

35-1-OPN-1  
WH PRV



LEGEND

- FD - FLOOR DRAIN
- PRV - PRESSURE RELIEF VALVE
- SD - SINK DRAIN
- TL - TOILET
- WH - WATER HEATER

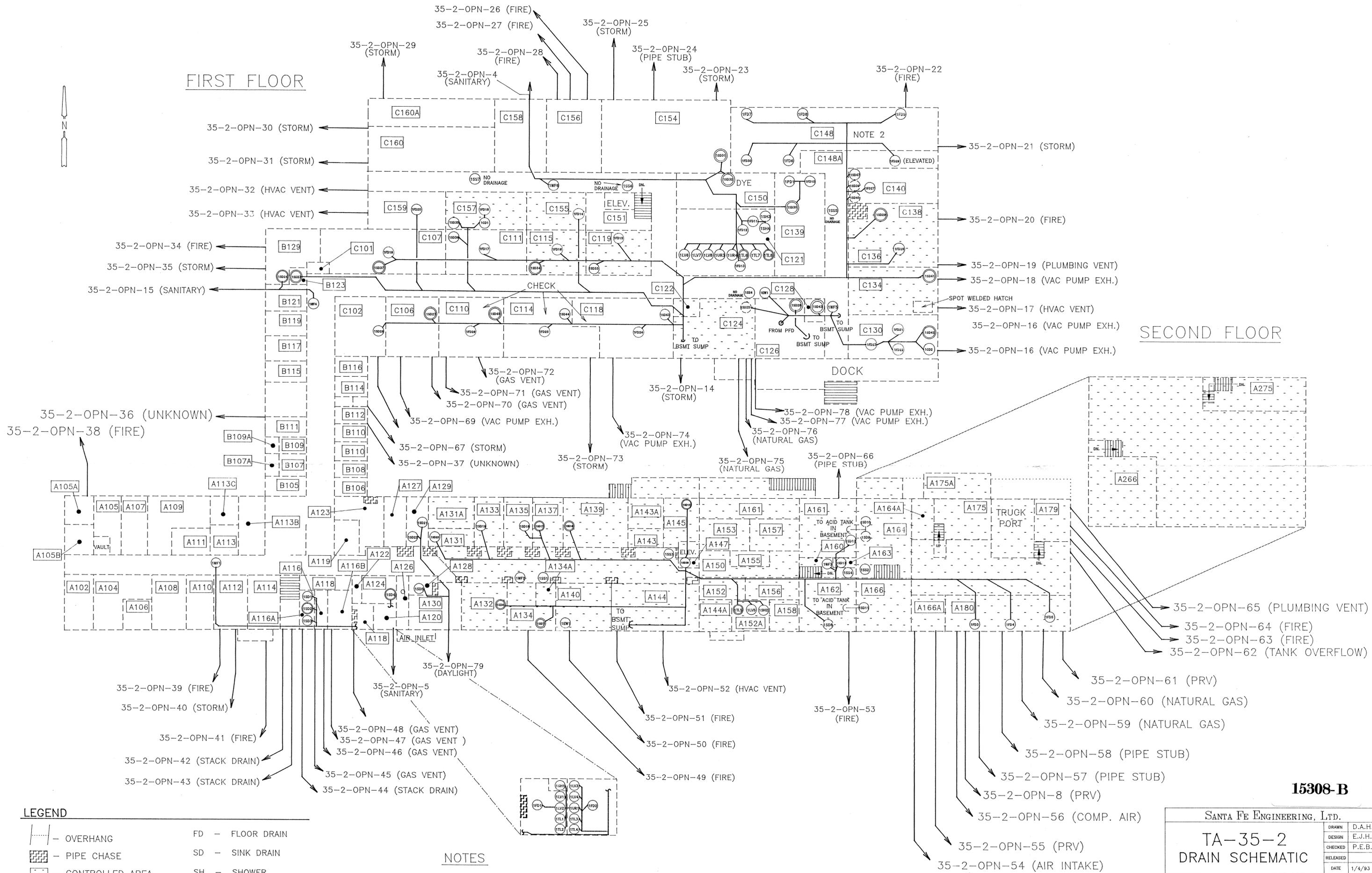
NOTES

1) ACTUAL PIPING DETERMINED FROM  
ENGINEERING DRAWING R-3044  
AND ON-SITE INSPECTION.

<b>SANTA FE ENGINEERING, LTD.</b>			
TA-35-1		DRAWN EJH	DESIGN EJH
DRAIN SCHEMATIC		CHECKED PEB	DATE 1/4/93
SUBMITTED	RECOMMENDED	APPROVED	
<b>Los Alamos</b>		Los Alamos National Laboratory Los Alamos, New Mexico 87545	
		SHEET	1 OF 1
CLASSIFICATION		REVIEWER	
REQUESTING DIVISION	LAB JOB NO.	DATE	
REQUESTING GROUP EM-8	11056-57	DRAWING NO. <b>FIGURE 2</b>	
		REV.	

FIRST FLOOR

SECOND FLOOR



LEGEND

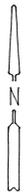
- OVERHANG
- PIPE CHASE
- CONTROLLED AREA
- PLUGGED DRAIN
- COVERED DRAIN
- DYE TESTED DRAIN
- FD - FLOOR DRAIN
- SD - SINK DRAIN
- SH - SHOWER
- TL - TOILET
- UR - URINAL
- WF - WATER FOUNTAIN

NOTES

- 1) ACTUAL PIPING DETERMINED FROM ENGINEERING DRAWINGS R3292, SHEET 1, R3293, SHEET 2, C-43904, SHEET 1, C-29349, C-29351 AND ON-SITE INSPECTION.
- 2) FLOOR DRAINS IN ROOM C148 HAVE RISERS TO ELEVATE THEM 8 INCHES ABOVE FLOOR LEVEL.

15308-B

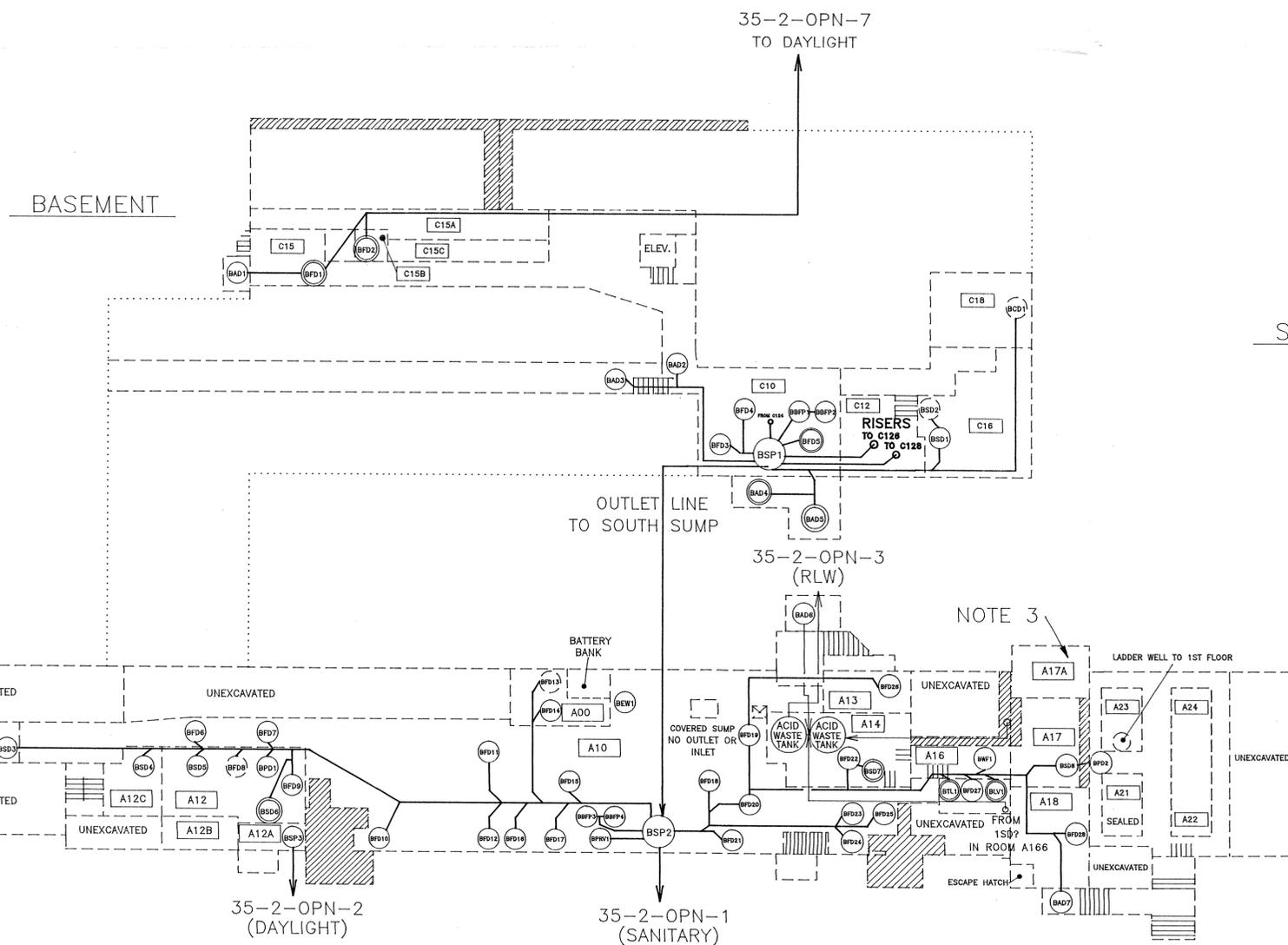
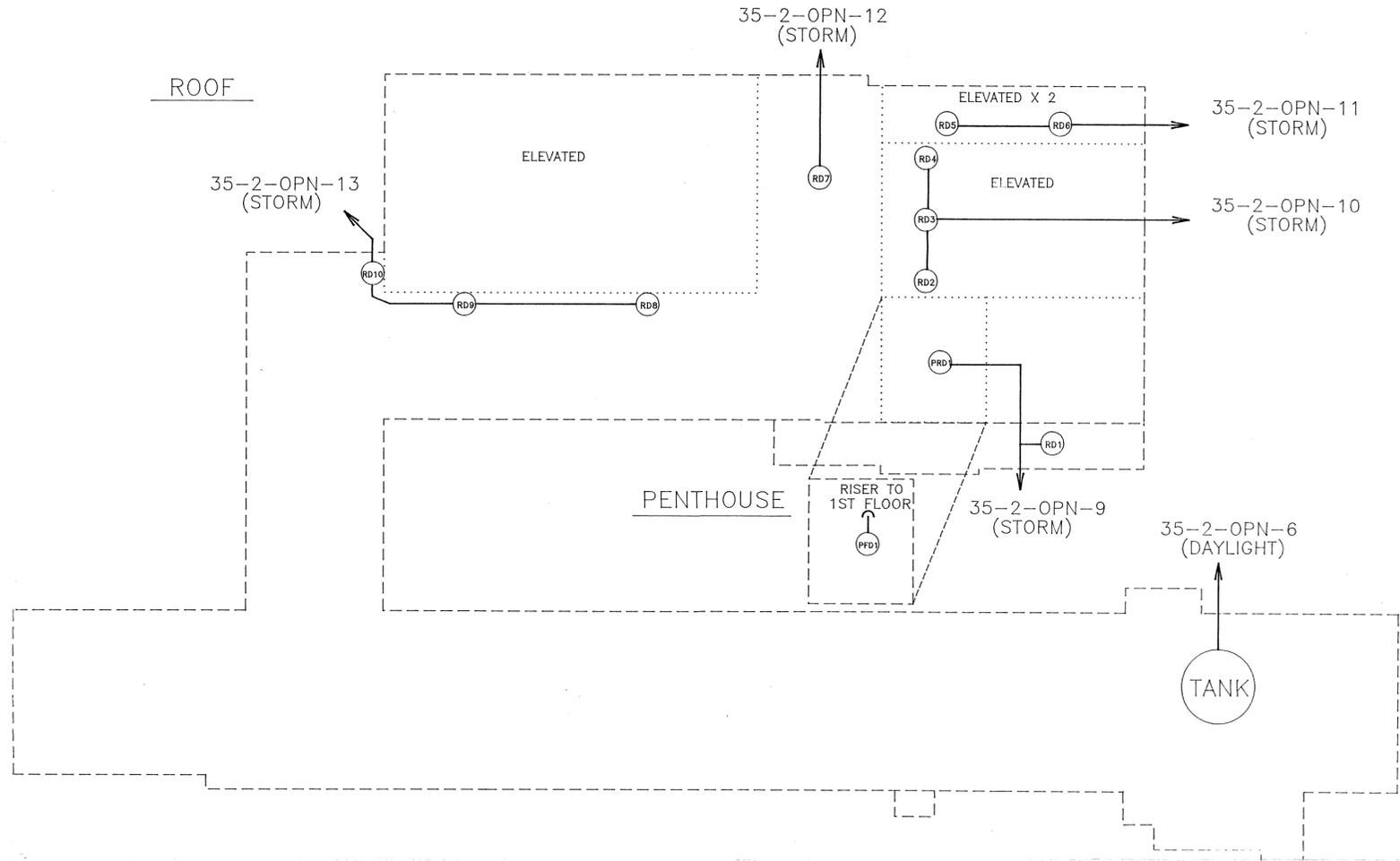
SANTA FE ENGINEERING, LTD.			
TA-35-2		DESIGN	D.A.H.
DRAIN SCHEMATIC		CHECKED	E.J.H.
		RELEASED	P.E.B.
		DATE	1/4/93
SUBMITTED	RECOMMENDED	APPROVED	
Los Alamos		Los Alamos National Laboratory	SHEET 1 OF 1
Los Alamos, New Mexico 87545		LAB JOB NO.	DATE
CLASSIFICATION	REVIEWER	DRAWING NO.	REV.
REQUESTING DIVISION	EM-8	11056-57	FIGURE 3



- LEGEND**
- OVERHANG
  - DYE TESTED DRAIN
  - FD - FLOOR DRAIN
  - SD - SINK DRAIN
  - SH - SHOWER
  - TL - TOILET
  - UR - URINAL
  - WF - WATER FOUNTAIN

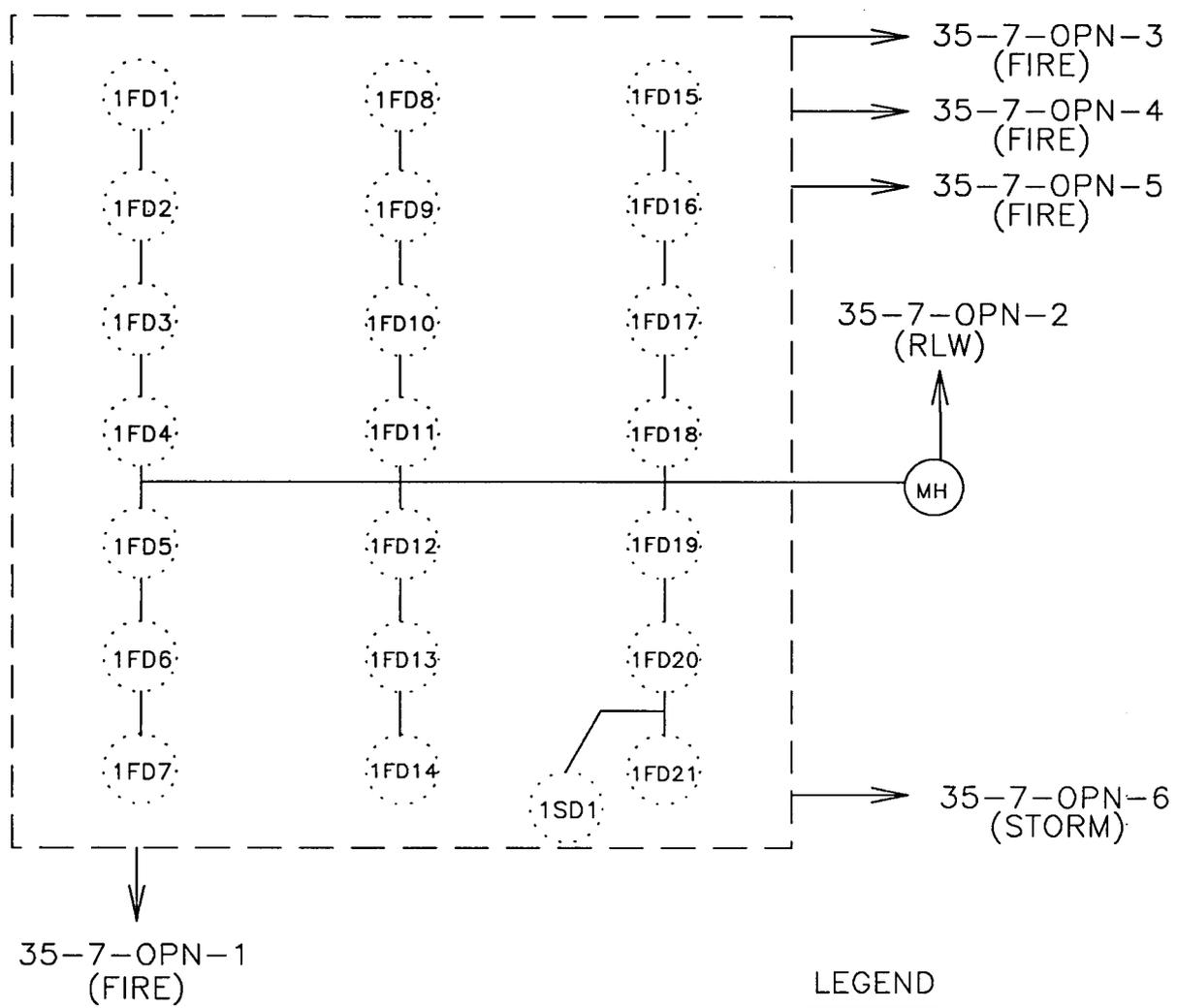
**NOTES**

- 1) ACTUAL PIPING DETERMINED FROM ENGINEERING DRAWINGS R3292, SHEET 1, R3293, SHEET 2, C42859, SHEET 3, C-29351, SHEET 50, C29315, SHEET 14, C-42864, SHEET 3, AND ON-SITE INSPECTION.
- 2) THE SOUTH WING OF THE BASEMENT IS LABELLED AS A CONTROLLED AREA.
- 3) ROOM A17A IS A LOCKED CLOSET UNACCESSIBLE TO BUILDING PERSONNEL AND ABSENCE OF DRAINAGE SHOULD BE VERIFIED BY THE APPROPRIATE USER GROUP OR INDIVIDUAL. ACCESS TO ROOMS A21 AND A23 WAS NOT GRANTED DUE TO HIGH EXPOSURE LEVELS OF RADIATION. ABSENCE OF DRAINAGE WAS VERIFIED BY SITE PERSONNEL.



15308-C

SANTA FE ENGINEERING, LTD.			
TA-35-2			
BASEMENT AND ROOF			
DRAIN SCHEMATIC			
DESIGN	EJH	DRAWN	EJH
CHECKED	PEB		
DATE	1/18/93		
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.	DRAWING NO.	REV.
REQUESTING GROUP EM-8	11056-57	FIGURE 4	



LEGEND

- - COVERED DRAIN
- FD - FLOOR DRAIN
- RLW - RADIOACTIVE LIQUID WASTE
- SD - SINK DRAIN
- MH - SANITARY MANHOLE

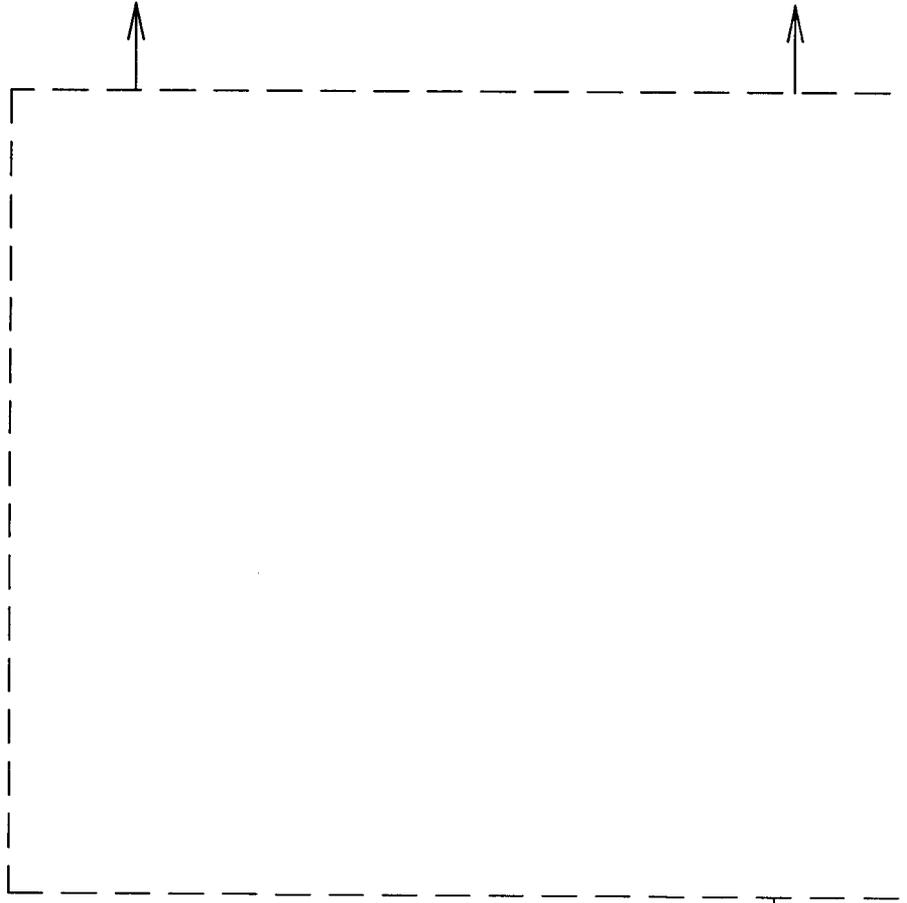
NOTES

- 1) ACTUAL PIPING DETERMINED FROM ENGINEERING DRAWINGS C-14055, C22854 AND ON-SITE INSPECTION.
- 2) THE FLOOR DRAINS AND SINK DRAIN WERE NOT VERIFIED VISUALLY DUE TO THE CONCRETE LAYER COVERING THEM.
- 3) BUILDINGS 7 AND 3, IMMEDIATELY TO THE WEST, ARE SCHEDULED FOR REMOVAL IN THE SPRING OF 1993
- 4) CAPACITORS AND OTHER OIL-CONTAINING EQUIPMENT SOUTH OF THE BUILDING HAVE INADEQUATE SECONDARY CONTAINMENT.
- 5) BUILDING 7 IS LABELLED AS A CONTROLLED AREA.

<b>SANTA FE ENGINEERING, LTD.</b>			
TA-35-7		DRAWN EJH	DESIGN EJH
DRAIN SCHEMATIC		CHECKED PEB	DATE 1/4/93
SUBMITTED	RECOMMENDED	APPROVED	
<b>Los Alamos</b>		Los Alamos National Laboratory Los Alamos, New Mexico 87545	
CLASSIFICATION		REVIEWER	DATE
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP EM-8	11056-57	FIGURE 5	1 OF 1

35-25-OPN-1  
(WH PRV)

35-25-OPN-2  
(VENT)



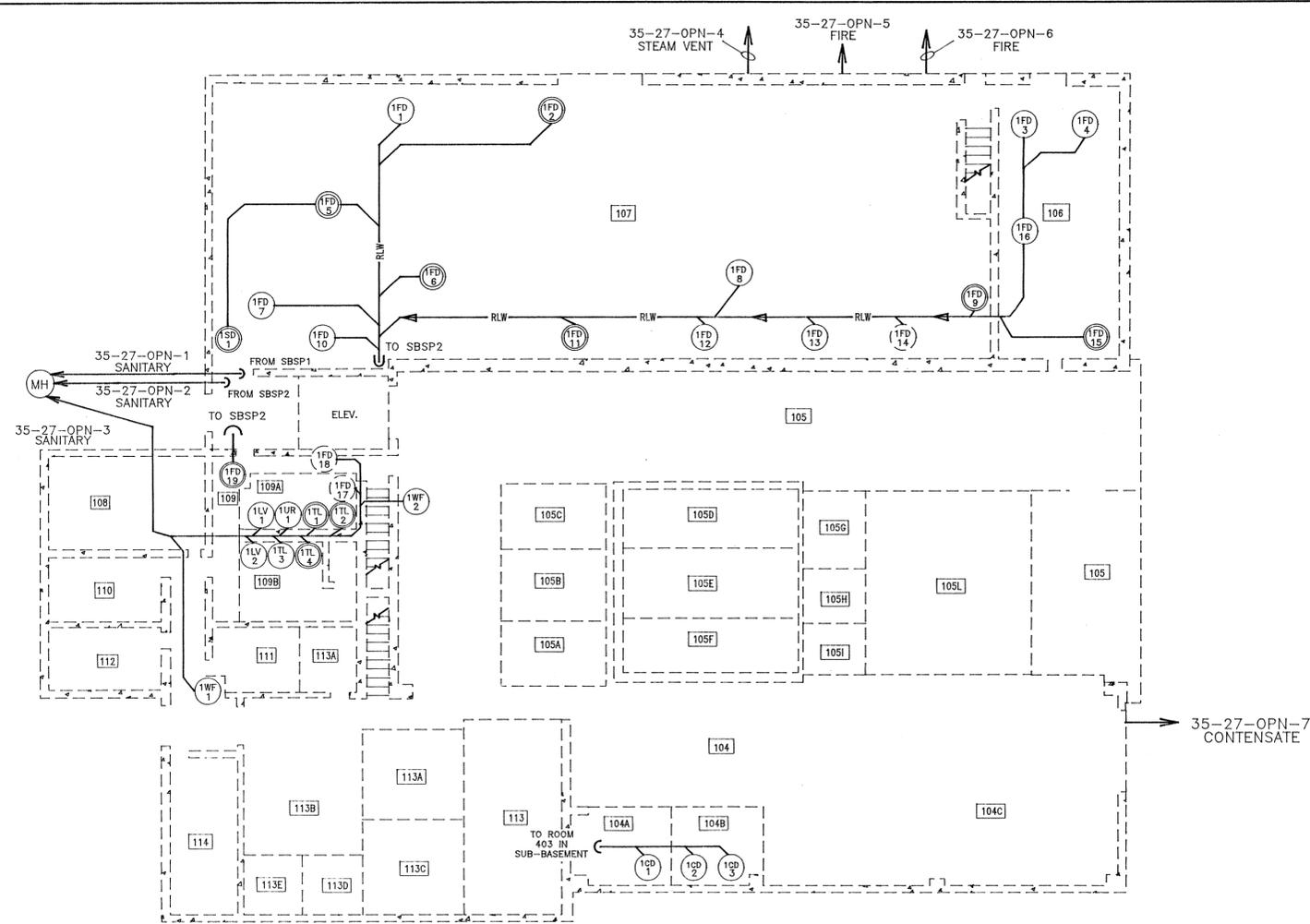
35-25-OPN-3  
(STORM)

WH - WATER HEATER  
PRV - PRESSURE RELIEF VALVE

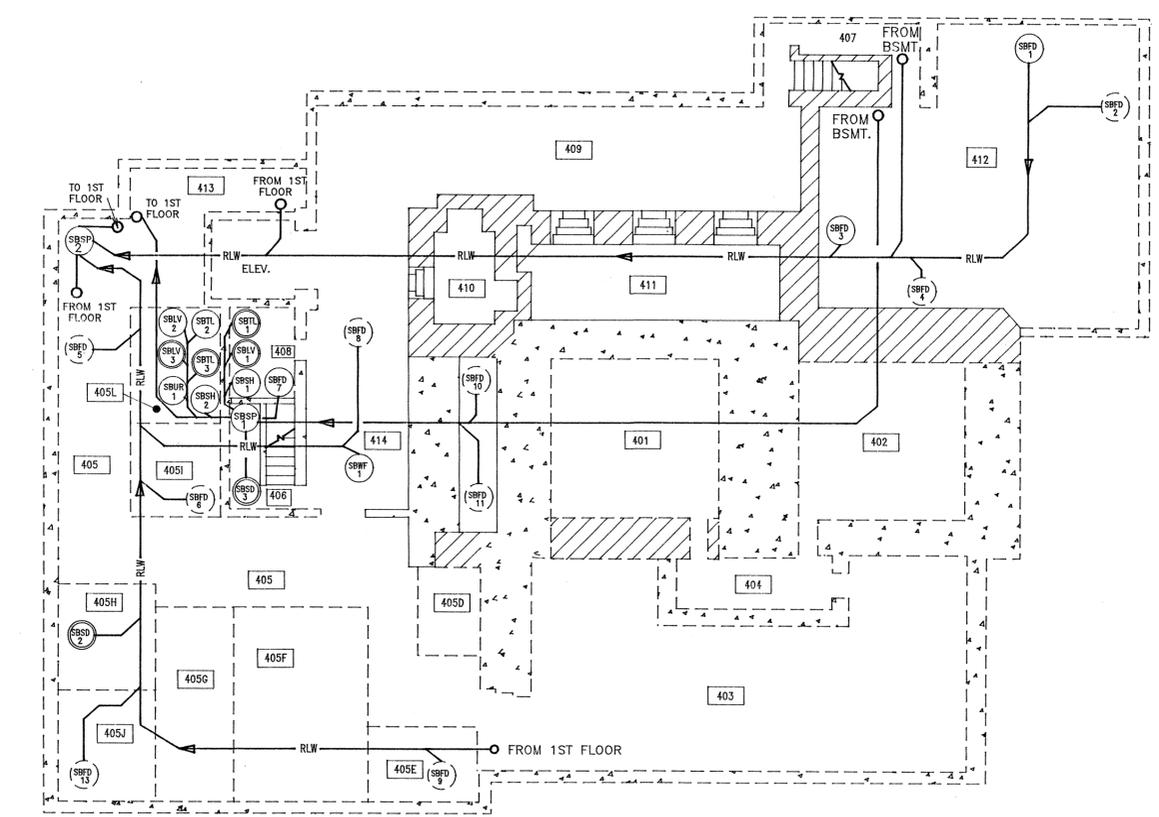
NOTES

- 1) ACTUAL PIPING DETERMINED FROM ON-SITE INSPECTION.

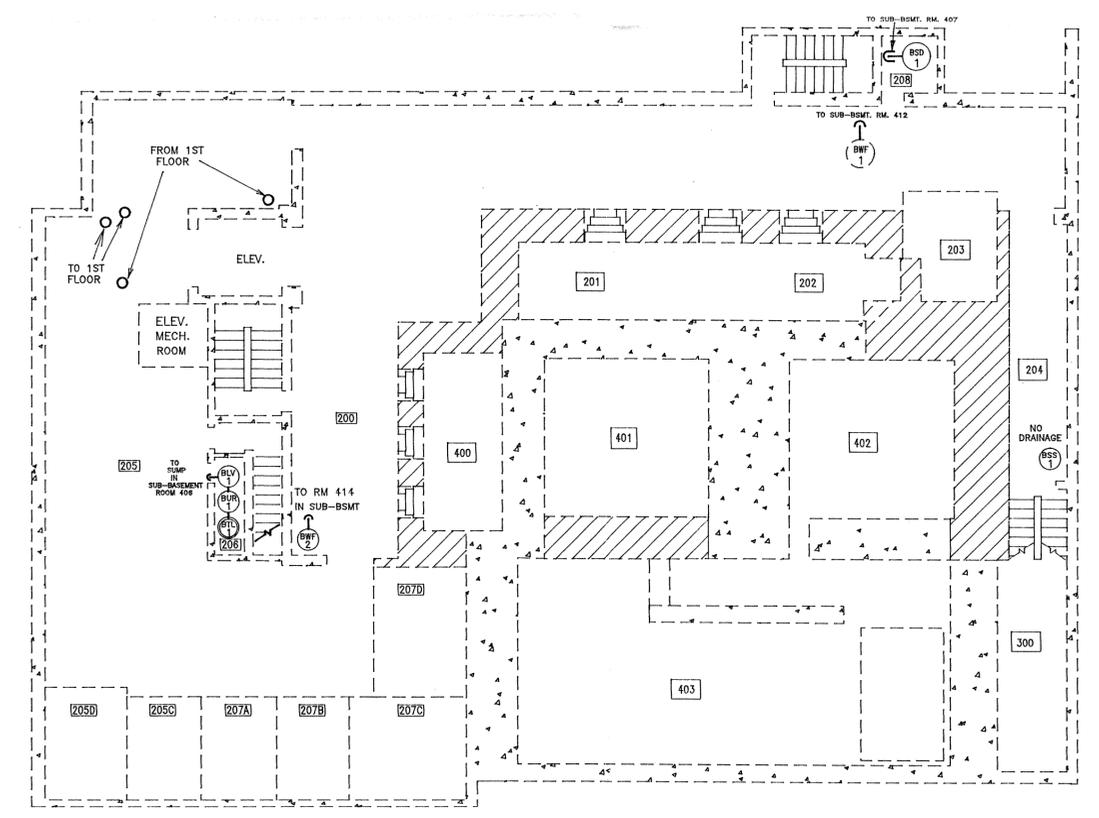
<b>SANTA FE ENGINEERING, LTD.</b>			
TA-35-25		DRAWN	EJH
DRAIN SCHEMATIC		DESIGN	EJH
		CHECKED	PEB
		DATE	1/14/93
SUBMITTED		RECOMMENDED	APPROVED
<b>Los Alamos</b>		Los Alamos National Laboratory Los Alamos, New Mexico 87545	SHEET 1 OF 1
CLASSIFICATION		REVIEWER	DATE
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP EM-8	11056-57	FIGURE 6	



FIRST FLOOR PLAN  
NOT TO SCALE



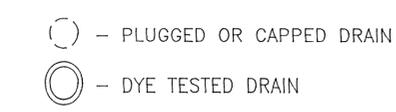
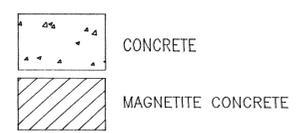
SUB-BASEMENT PLAN  
NOT TO SCALE



BASEMENT PLAN  
NOT TO SCALE

SYMBOL LEGEND

FD	FLOOR DRAIN
LV	LAVATORY
RLW	RADIOACTIVE LIQUID WASTE
SD	SINK DRAIN
SH	SHOWER
SP	SUMP PIT W/PUMP
SS	SAFETY SHOWER
TL	TOILET
UR	URINAL
WF	WATER FOUNTAIN

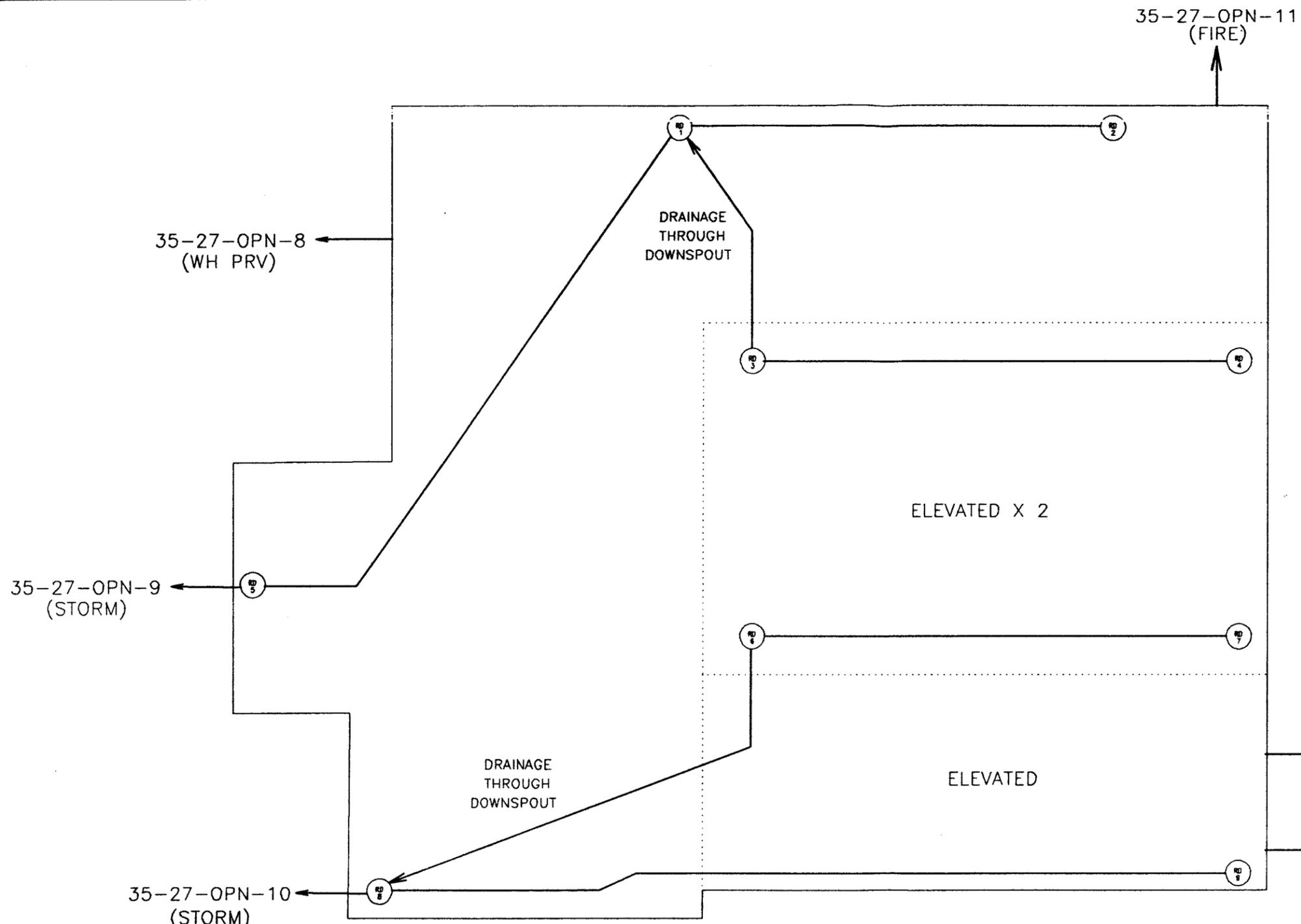


NOTES

- BUILDING FLOORS ARE DESIGNATED AS FOLLOWS:  
FIRST FLOOR - GROUND LEVEL  
SECOND FLOOR - BASEMENT  
THIRD FLOOR - SUB-BASEMENT
- ACTUAL PIPING DETERMINED FROM ENGINEERING DRAWINGS C-34757, SHEET 36, C-43010, C-35408, SHEET 96 AND ON-SITE INSPECTION.
- ROOMS 104, 104A, 104B, 104C, 105 AND 105L ARE CONTROLLED AREAS.

15308-D

SANTA FE ENGINEERING, LTD.			
TA-35-27			
DRAIN SCHEMATIC			
DRAWN	D.A.H.	CHECKED	P.E.B.
DESIGN	E.J.H.	RELEASED	
DATE	12/04/92		
SUBMITTED	RECOMMENDED	APPROVED	
Los Alamos			SHEET 1 OF 1
Los Alamos National Laboratory Los Alamos, New Mexico 87545			
CLASSIFICATION	REVIEWER	DATE	REV.
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	
REQUESTING GROUP	11056-57	FIGURE 7	



SYMBOL LEGEND	
RD	ROOF DRAIN

35-27-OPN-9  
(STORM)

35-27-OPN-8  
(WH PRV)

35-27-OPN-10  
(STORM)

**ROOF PLAN**  
NOT TO SCALE

ELEVATED X 2

ELEVATED

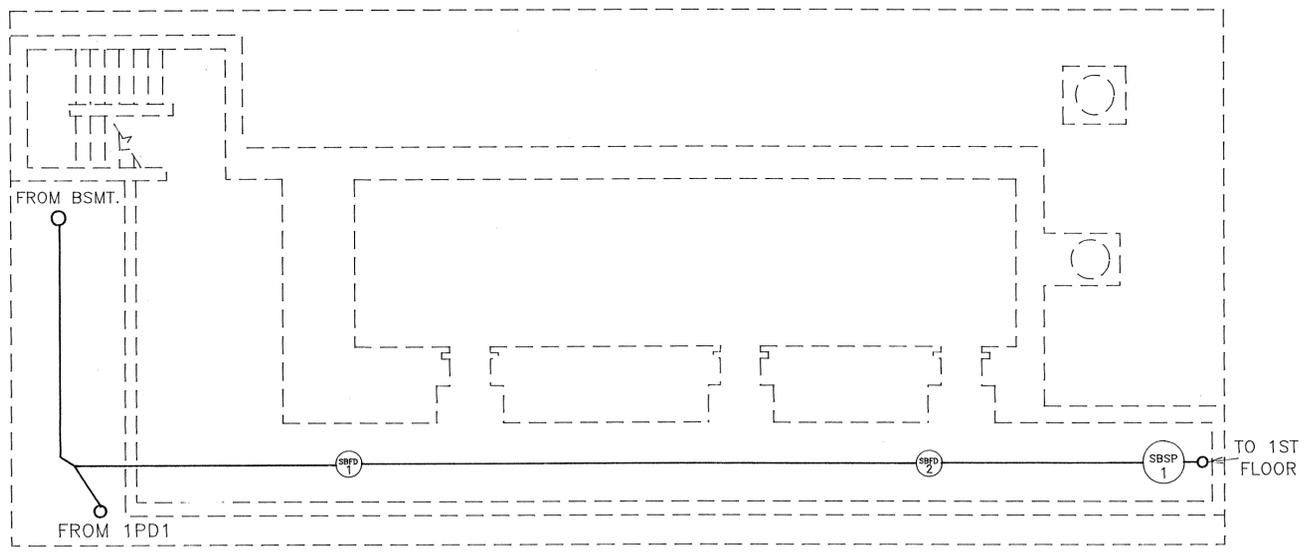
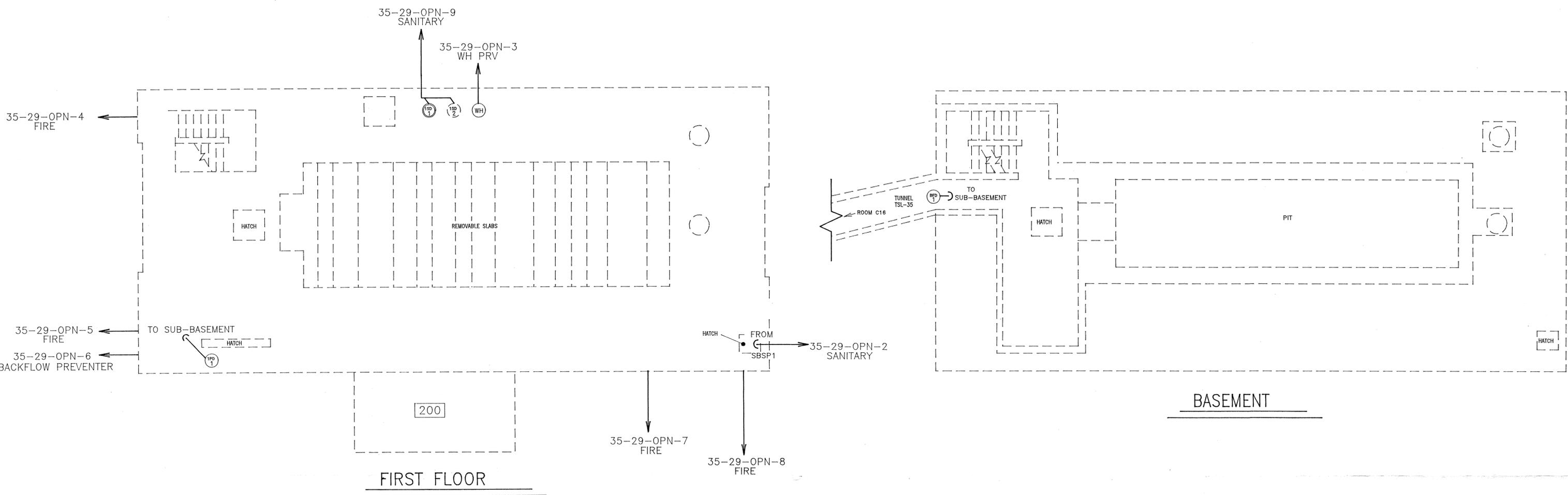
35-27-OPN-11  
(FIRE)

35-27-OPN-12  
(BACKFLOW PREVENTER)

35-27-OPN-13  
(FIRE)

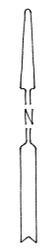
**LEGEND**  
WH - WATER HEATER  
PRV - PRESSURE RELIEF VALVE

<b>SANTA FE ENGINEERING, LTD.</b>			
<b>TA-35-27 ROOF PLAN DRAIN SCHEMATIC</b>	DRAWN	D.A.H.	
	DESIGN	E.J.H.	
	CHECKED	P.E.B.	
	RELEASED		
	DATE	3/4/93	
SUBMITTED	RECOMMENDED	APPROVED	
<b>Los Alamos</b>		Los Alamos National Laboratory Los Alamos, New Mexico 87545	SHEET 1 OF 1
CLASSIFICATION	REVIEWER	DATE	
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP EM-8	11056-57	FIGURE 8	



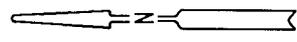
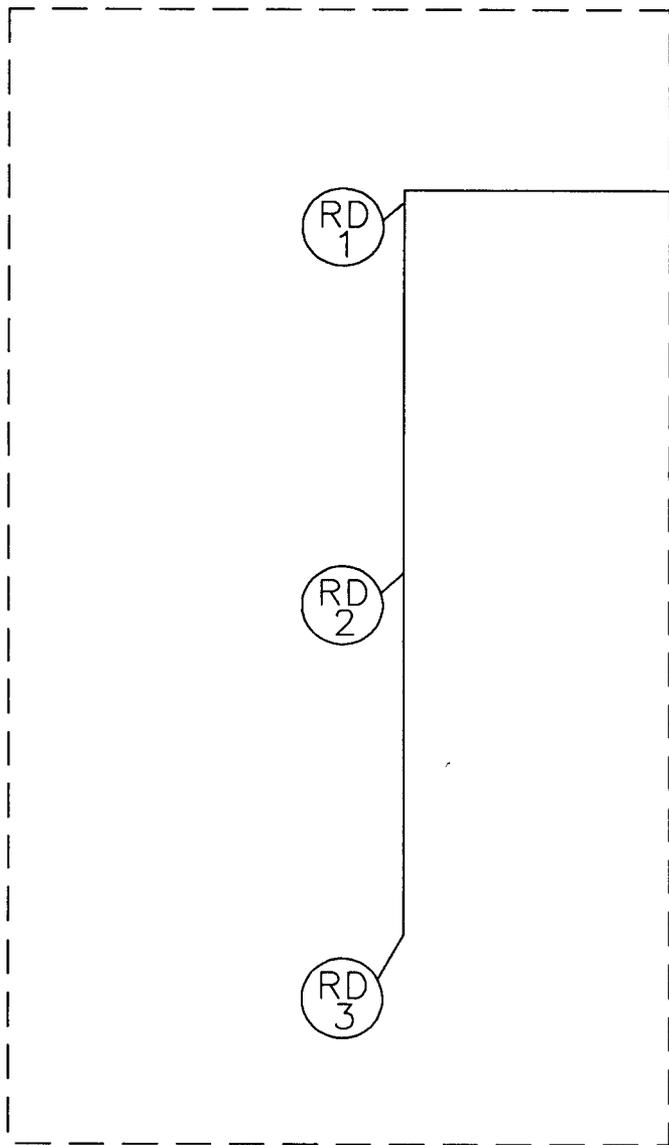
SYMBOL LEGEND	
FD	FLOOR DRAIN
SD	SINK DRAIN
SP	SUMP PIT W/PUMP
PD	PIPE DRAIN
WH	WATER HEATER

- - CAPPED DRAIN
- ⊙ - DYE TESTED DRAIN



15308-E

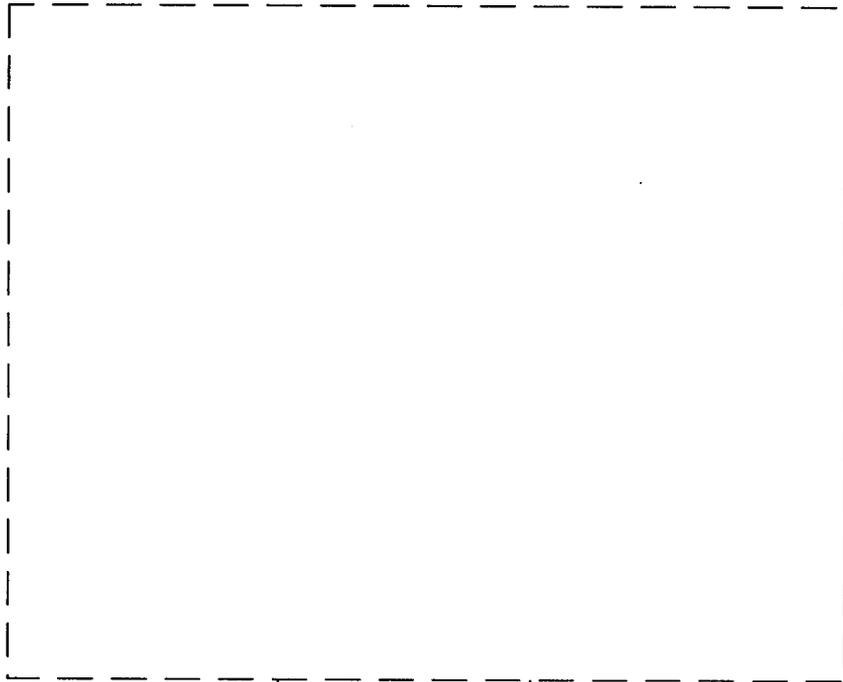
SANTA FE ENGINEERING, LTD.			
TA-35-29 DRAIN SCHEMATIC		DRAWN E.J.H.	D.A.H.
		CHECKED P.E.B.	
		RELEASED	
		DATE	12/31/92
SUBMITTED	RECOMMENDED	APPROVED	
<b>Los Alamos</b>		Los Alamos National Laboratory Los Alamos, New Mexico 87545	SHEET 1 OF 1
CLASSIFICATION	REVIEWER	DATE	
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP EM-8	11056-57	FIGURE 9	



35-29-OPN-1  
STORM

SYMBOL LEGEND	
RD	ROOF DRAIN

<b>SANTA FE ENGINEERING, LTD.</b>			
TA-35-29 ROOF PLAN DRAIN SCHEMATIC		DRAWN	D.A.H.
		DESIGN	E.J.H.
		CHECKED	P.E.B.
		RELEASED	
		DATE	3/5/93
SUBMITTED		RECOMMENDED	APPROVED
<b>Los Alamos</b>		Los Alamos National Laboratory Los Alamos, New Mexico 87545	SHEET 1 OF 1
CLASSIFICATION		REVIEWER	DATE
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP EM-8	11056-57	FIGURE 10	



35-33-OPN-1  
COOLING TOWER  
BLOWDOWN



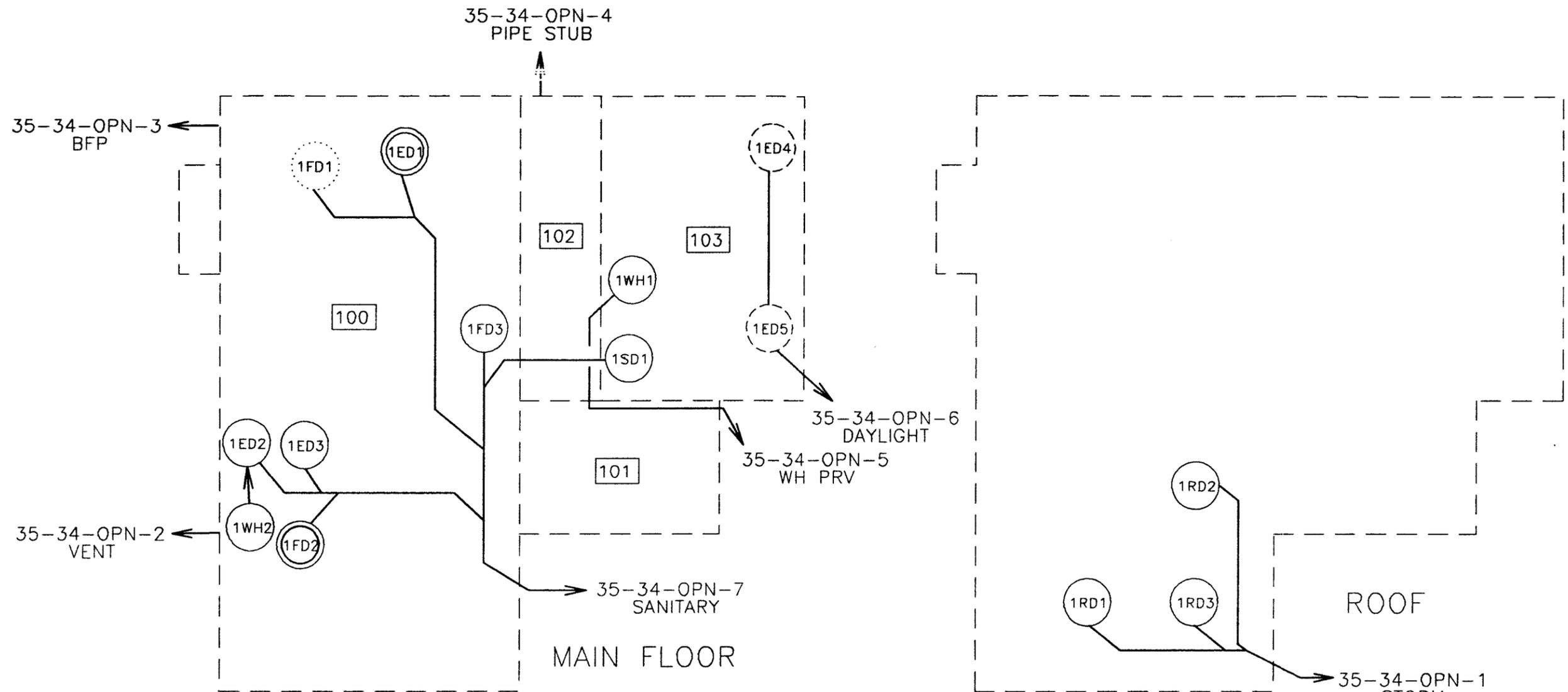
35-33-OPN-2  
COOLING TOWER  
DRAIN



NOTES

- 1) ACTUAL PIPING DETERMINED FROM ENGINEERING DRAWING C35410, SHEET 98 AND ON-SITE INSPECTION.

<b>SANTA FE ENGINEERING, LTD.</b>			
<p>TA-35-33 DRAIN SCHEMATIC</p>		DRAWN	EJH
		DESIGN	EJH
		CHECKED	PEB
		DATE	1/11/93
SUBMITTED		RECOMMENDED	APPROVED
<p><b>Los Alamos</b> Los Alamos National Laboratory Los Alamos, New Mexico 87545</p>		SHEET	1 OF 1
CLASSIFICATION		REVIEWER	DATE
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP EM-8	11056-57	FIGURE 11	



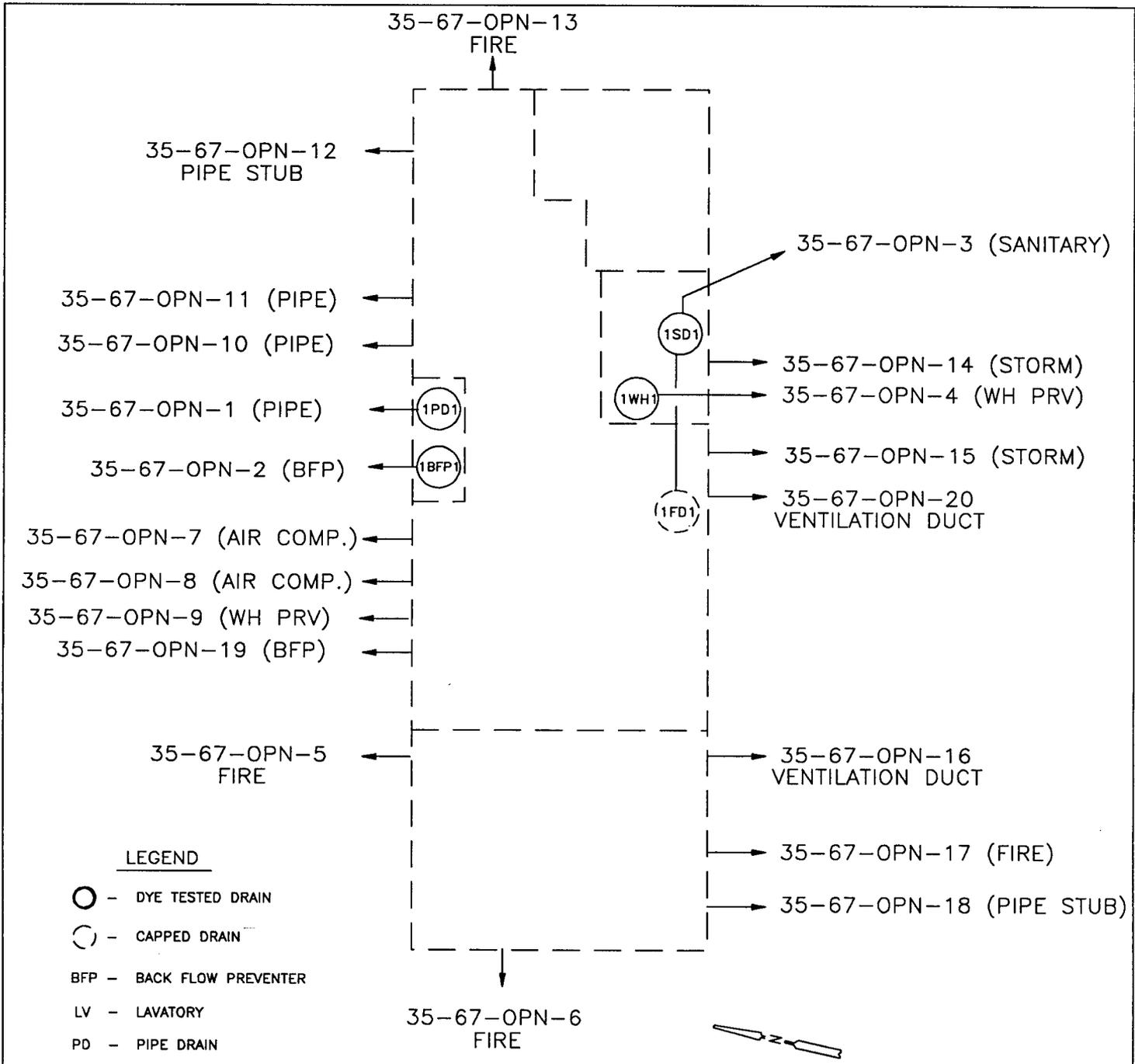
**LEGEND**

- - CAPPED DRAIN
- ⊙ - COVERED DRAIN
- - DYE TESTED DRAIN
- BFP - BACKFLOW PREVENTER
- ED - EQUIPMENT DRAIN
- PD - PIPE DRAIN
- PRV - PRESSURE RELIEF VALVE
- RD - ROOF DRAIN
- SD - SINK DRAIN
- TL - TOILET
- UR - URINAL
- WH - WATER HEATER

**NOTES**

- 1) ACTUAL PIPING DETERMINED FROM ENGINEERING DRAWINGS C-23201, C-26976, C-26977 AND ON-SITE INSPECTION.
- 2) ROOM 100 IS A CONTROLLED AREA.

<b>SANTA FE ENGINEERING, LTD.</b>			
TA-35-34		DRAWN	EJH
DRAIN SCHEMATIC		DESIGN	EJH
		CHECKED	PEB
		DATE	1/4/93
SUBMITTED	RECOMMENDED	APPROVED	
<b>Los Alamos</b>		Los Alamos National Laboratory Los Alamos, New Mexico 87545	SHEET 1 OF 1
CLASSIFICATION	REVIEWER	DATE	
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP EM-8	11056-57	FIGURE 12	



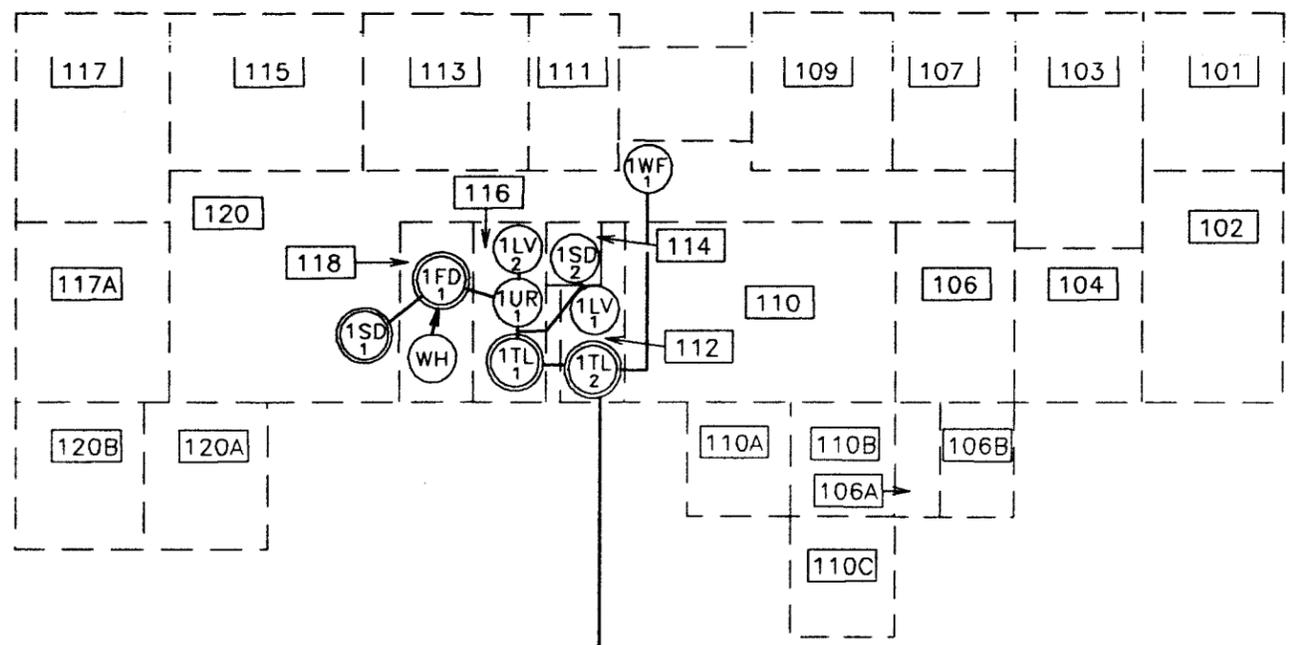
LEGEND

- - DYE TESTED DRAIN
- - CAPPED DRAIN
- BFP - BACK FLOW PREVENTER
- LV - LAVATORY
- PD - PIPE DRAIN
- PRV - PRESSURE RELIEF VALVE
- TL - TOILET
- UR - URINAL
- WF - WATER FOUNTAIN
- WH - WATER HEATER

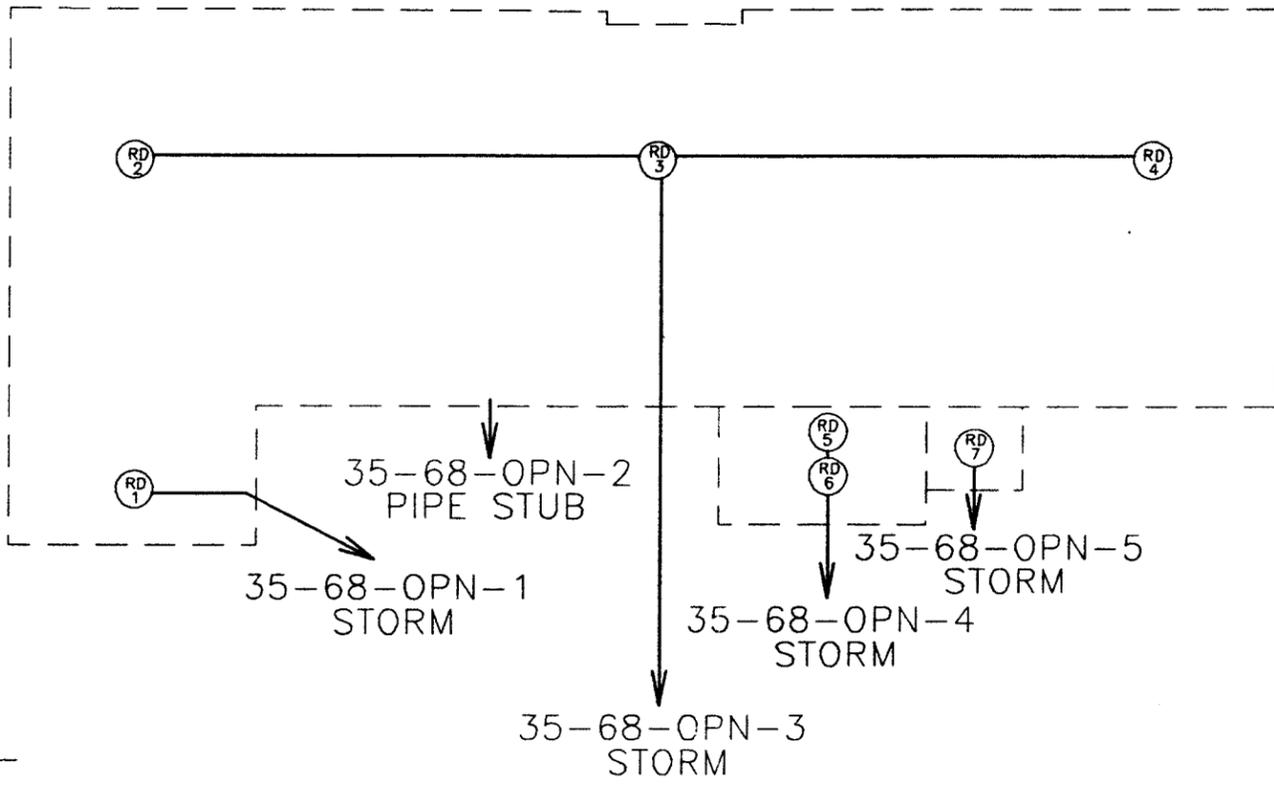
NOTES

1) ACTUAL PIPING DETERMINED FROM ENGINEERING DRAWINGS C-43844, C-39520 AND C-42860 AND ON SITE INSPECTION.

<b>SANTA FE ENGINEERING, LTD.</b>			
TA-35-67		DRAWN	EJH
DRAIN SCHEMATIC		DESIGN	EJH
		CHECKED	PEB
		DATE	1/5/93
SUBMITTED	RECOMMENDED	APPROVED	
<b>Los Alamos</b>		Los Alamos National Laboratory Los Alamos, New Mexico 87545	SHEET 1 OF 1
CLASSIFICATION	REVIEWER	DATE	
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP EM-8	11056-57	FIGURE 13	



35-68-OPN-6  
SANITARY



TA-35-68

- NOT TO SCALE -

NOTES:

- 1) ACTUAL PIPING DETERMINED FROM ENGINEERING DRAWING R-2838, C44887, SHEET 6, C45479, SHEET 1, AND ON-SITE INSPECTION.

SYMBOL LEGEND	
CO	CLEAN-OUT
FD	FLOOR DRAIN
LV	LAVATORY
SD	SINK DRAIN
TL	TOILET
UR	URINAL
WF	WATER FOUNTAIN
WH	WATER HEATER

○ DYE TESTED DRAIN

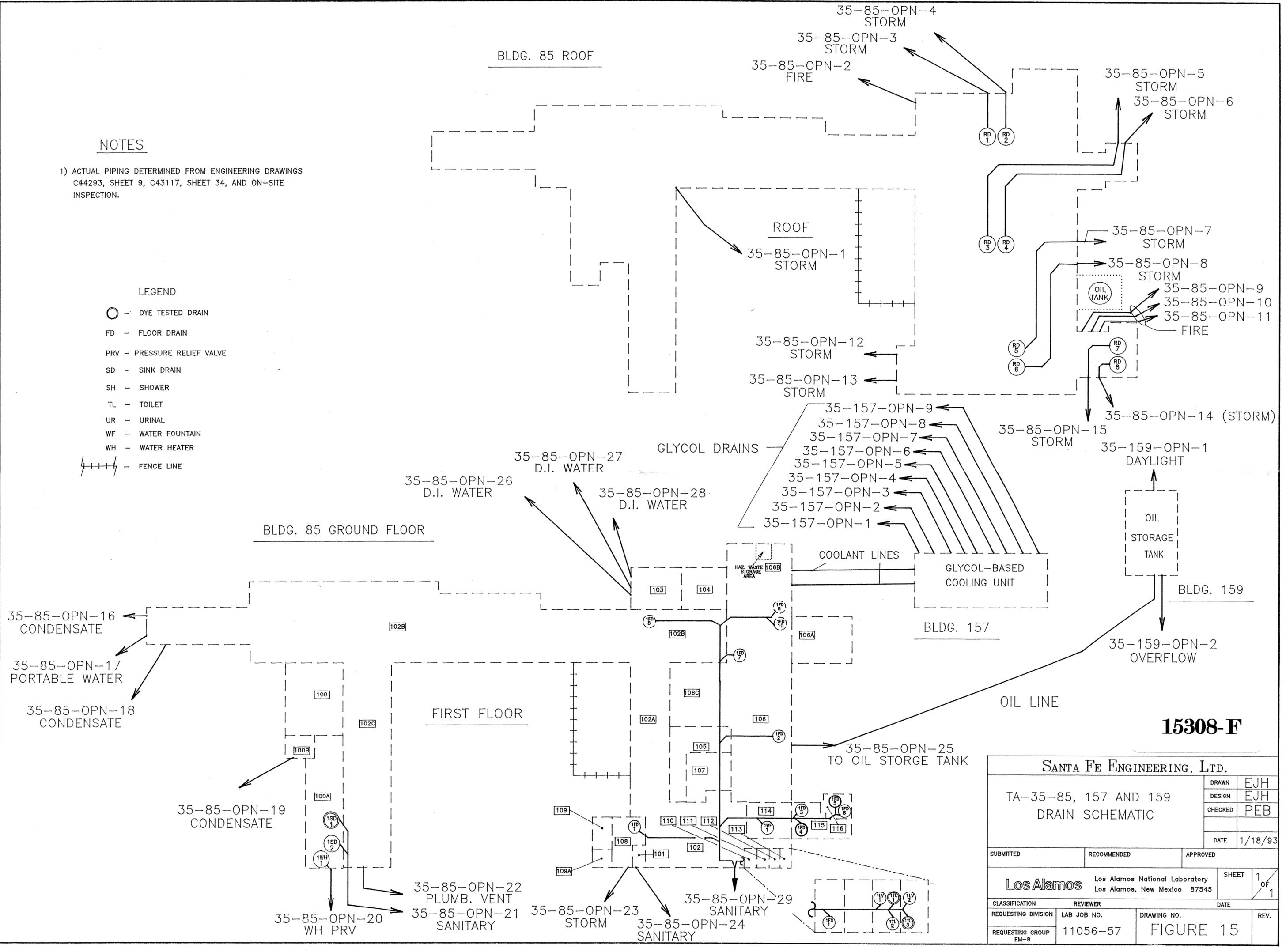
SANTA FE ENGINEERING, LTD.			
<p>TA-35-68 DRAIN SCHEMATIC</p>		DRAWN	EJH
		DESIGN	EJH
		CHECKED	PEB
		RELEASED	
		DATE	1/15/93
SUBMITTED	RECOMMENDED	APPROVED	
<p><b>Los Alamos</b> Los Alamos National Laboratory Los Alamos, New Mexico 87545</p>		SHEET	1 OF 1
CLASSIFICATION	REVIEWER	DATE	
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP	11056-57	FIGURE 14	

**NOTES**

1) ACTUAL PIPING DETERMINED FROM ENGINEERING DRAWINGS C44293, SHEET 9, C43117, SHEET 34, AND ON-SITE INSPECTION.

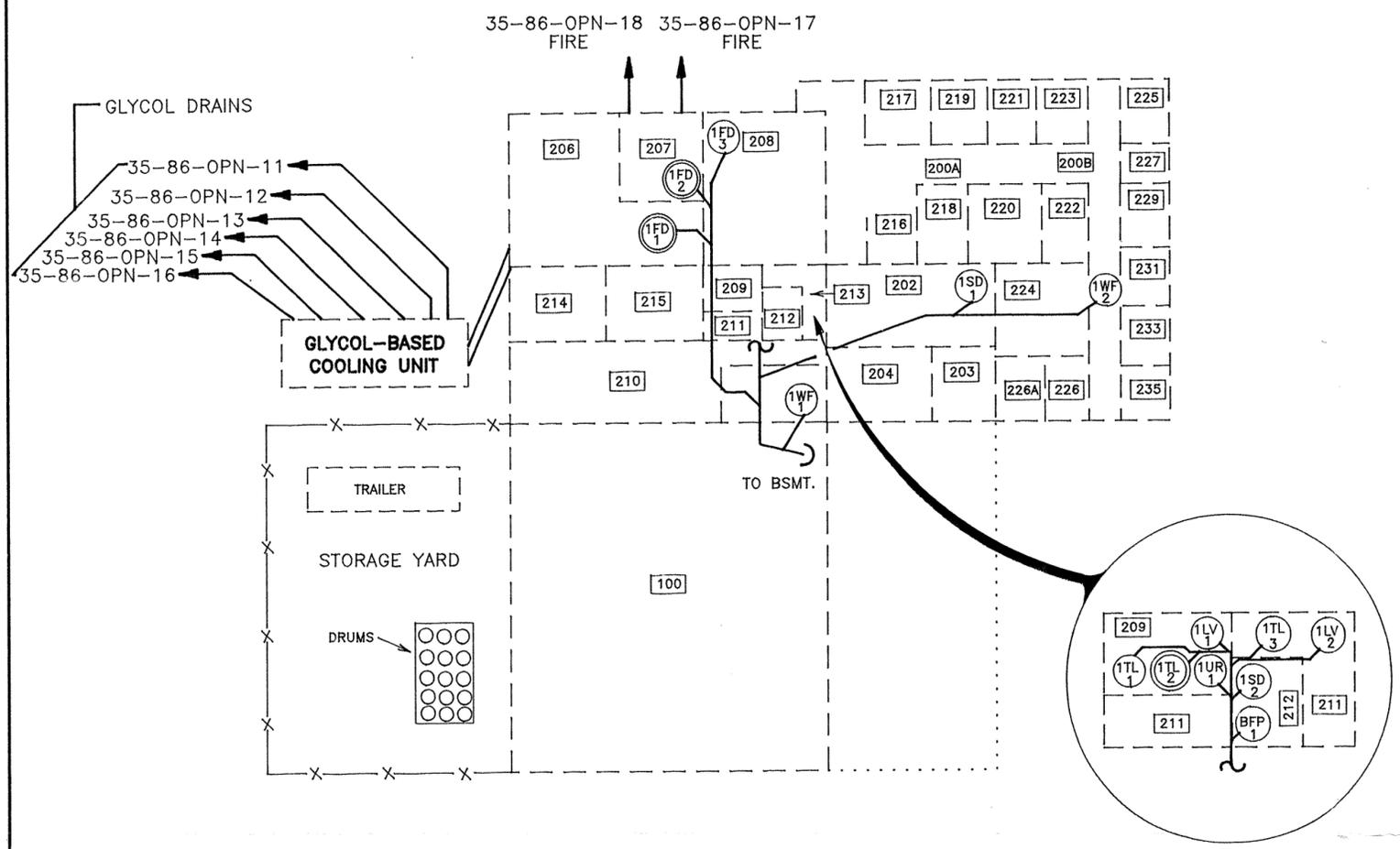
**LEGEND**

- - DYE TESTED DRAIN
- FD - FLOOR DRAIN
- PRV - PRESSURE RELIEF VALVE
- SD - SINK DRAIN
- SH - SHOWER
- TL - TOILET
- UR - URINAL
- WF - WATER FOUNTAIN
- WH - WATER HEATER
- ++++ - FENCE LINE

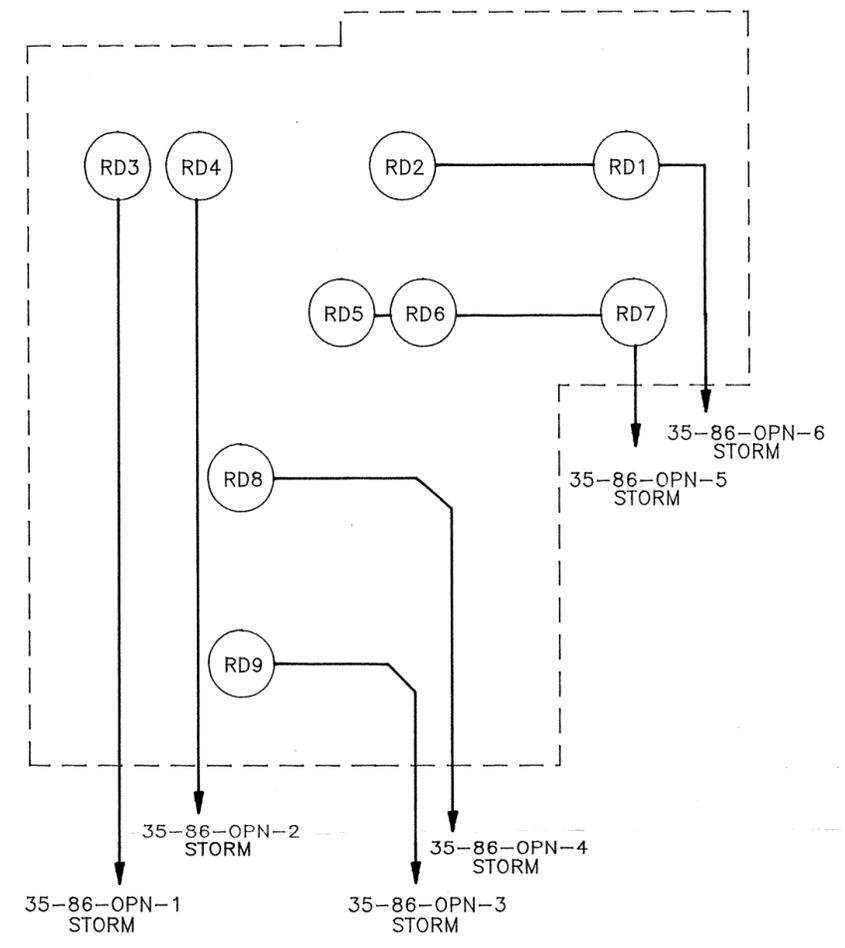


**15308-F**

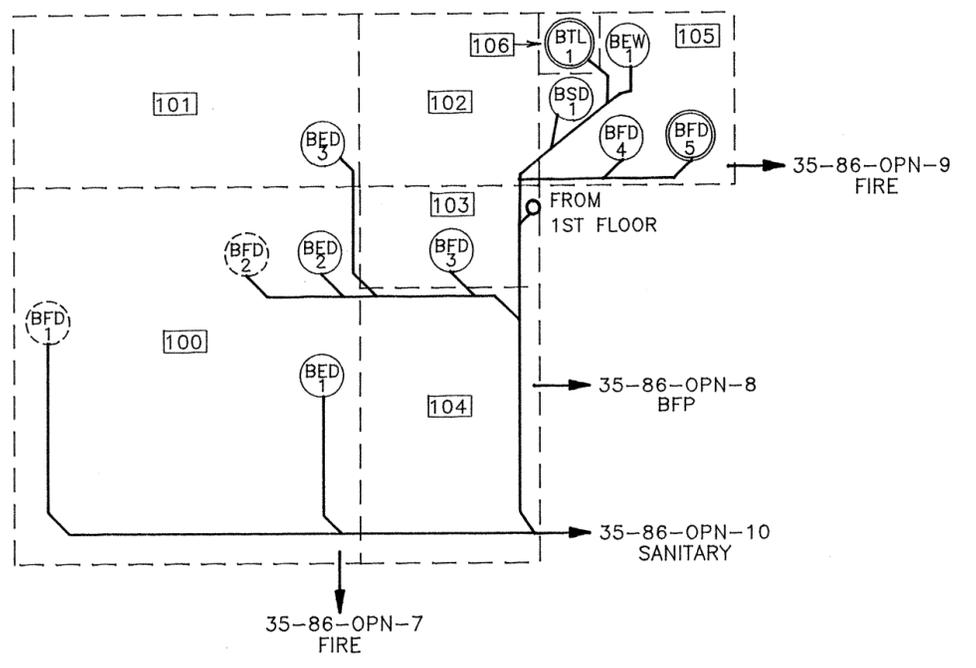
SANTA FE ENGINEERING, LTD.			
TA-35-85, 157 AND 159 DRAIN SCHEMATIC		DRAWN	EJH
		DESIGN	EJH
		CHECKED	PEB
		DATE	1/18/93
SUBMITTED	RECOMMENDED	APPROVED	
Los Alamos		Los Alamos National Laboratory Los Alamos, New Mexico 87545	SHEET 1 OF 1
CLASSIFICATION	REVIEWER	DATE	
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP EM-8	11056-57	FIGURE 15	



**TA-35-86 1ST FLOOR**  
- NOT TO SCALE -



**TA-35-86-ROOF**  
- NOT TO SCALE -



**TA-35-86 BASEMENT**  
- NOT TO SCALE -

**NOTE**

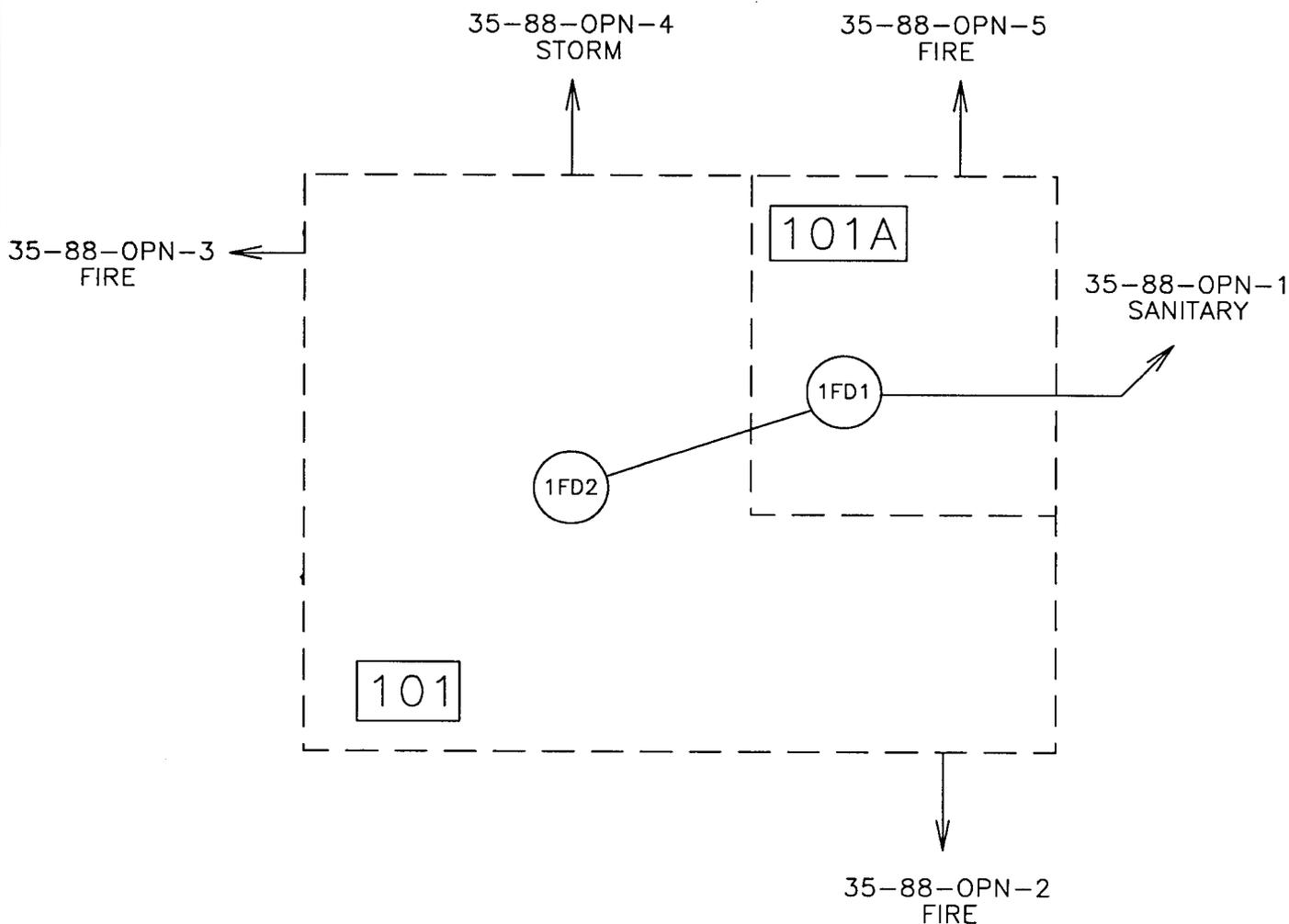
1) ACTUAL PIPING DETERMINED FROM ENGINEERING DRAWINGS C-45068, C-44028, C46157 AND ON-SITE INSPECTION.

**15308-G**

SYMBOL LEGEND	
CO	CLEAN-OUT
BFP	BACKFLOW PREVENTER
FD	FLOOR DRAIN
LV	LAVATORY
PD	PIPE DRAIN
SD	SINK DRAIN
SS	SANITARY SEWER
TL	TOILET
UR	URINAL
WF	WATER FOUNTAIN
WH	WATER HEATER

- DYE TESTED DRAIN
- PLUGGED DRAIN

<b>SANTA FE ENGINEERING, LTD.</b>			
<b>TA-35-86</b>		DRAWN E.J.H. & G.S.	
<b>DRAIN SCHEMATIC</b>		DESIGN E.J.H.	
		CHECKED P.E.B.	
		DATE 3-11-93	
SUBMITTED	RECOMMENDED	APPROVED	
<b>Los Alamos</b>		SHEET OF	
Los Alamos National Laboratory Los Alamos, New Mexico 87545		DATE	
CLASSIFICATION	REVIEWER	DATE	
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	
REQUESTING GROUP	11056-57	FIGURE 16	
EM-8		REV.	



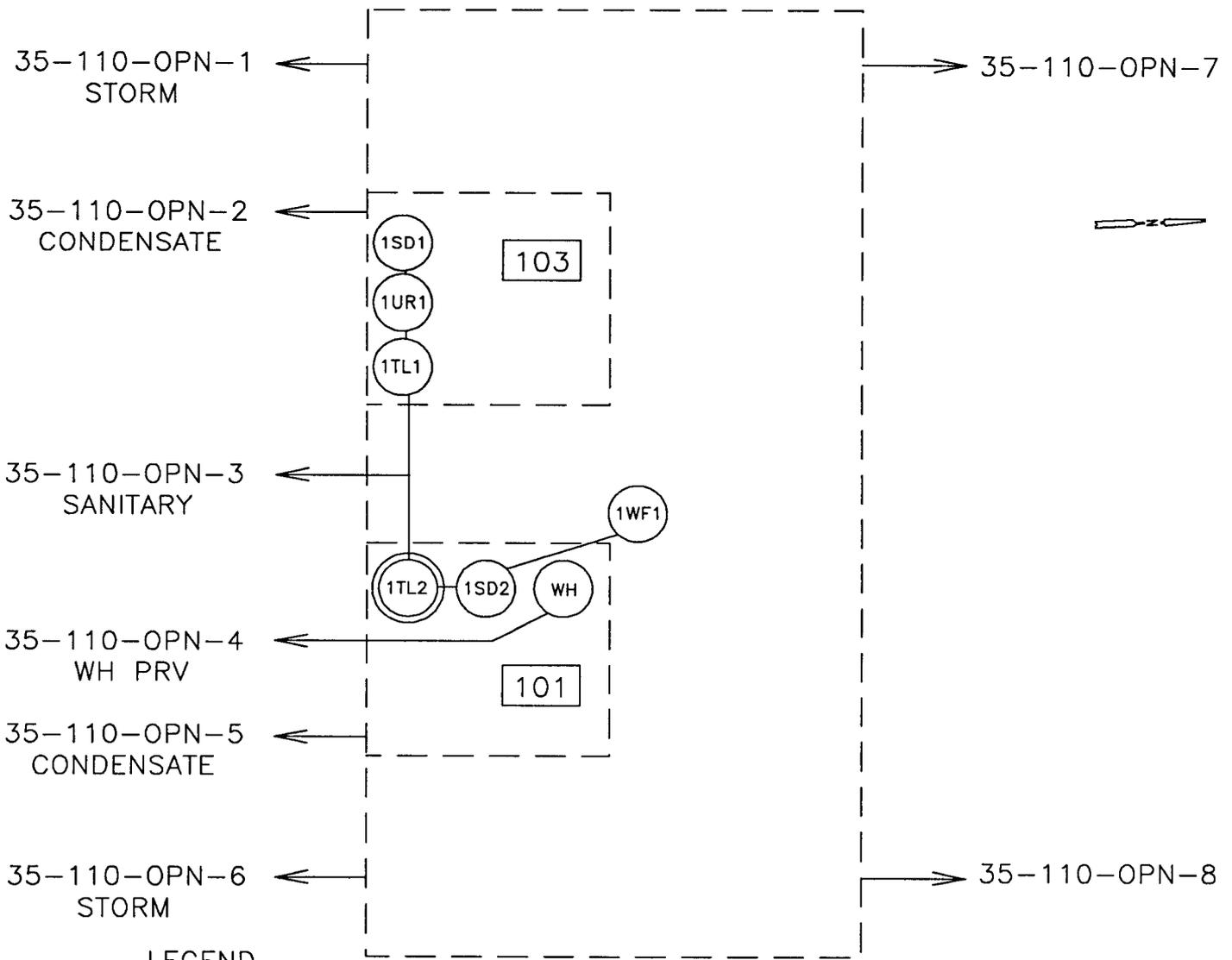
LEGEND

FD - FLOOR DRAIN

NOTES

- 1) ACTUAL PIPING DETERMINED FROM ENGINEERING DRAWING R-5260 AND ON-SITE INSPECTION.
- 2) BOTH FLOOR DRAINS ARE CLOGGED AND SHOULD BE CLEANED OUT.

<b>SANTA FE ENGINEERING, LTD.</b>			
TA-35-88		DRAWN	EJH
DRAIN SCHEMATIC		DESIGN	EJH
		CHECKED	PEB
		DATE	1/4/93
SUBMITTED	RECOMMENDED	APPROVED	
<b>Los Alamos</b>		Los Alamos National Laboratory Los Alamos, New Mexico 87545	SHEET 1 OF 1
CLASSIFICATION	REVIEWER	DATE	
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP EM-8	11056-57	FIGURE 17	



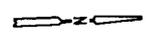
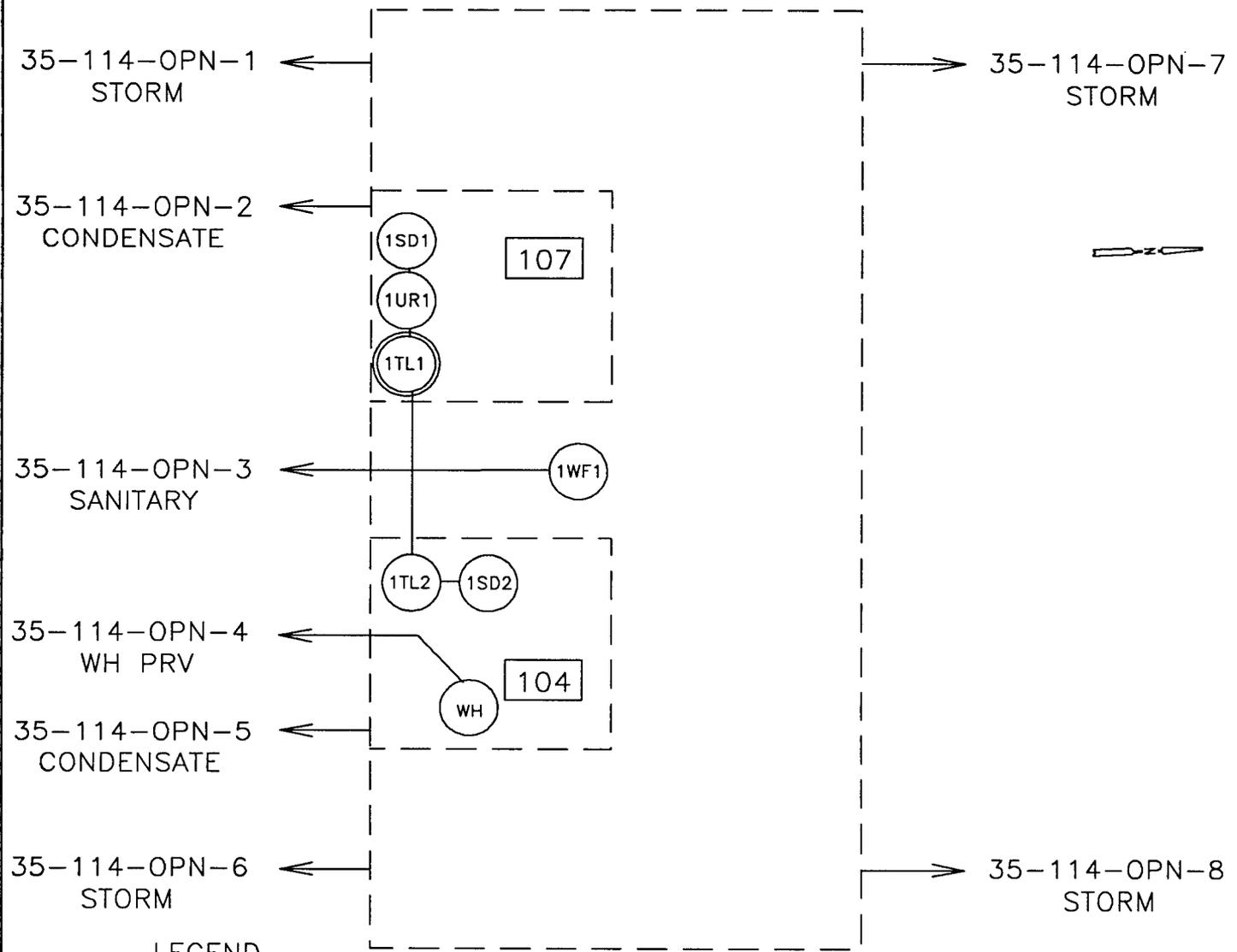
LEGEND

- - DYE TESTED DRAIN
- PRV - PRESSURE RELIEF VALVE
- SD - SINK DRAIN
- TL - TOILET
- UR - URINAL
- WF - WATER FOUNTAIN
- WH - WATER HEATER

NOTES

1) ACTUAL PIPING DETERMINED FROM ON-SITE INSPECTION.

<b>SANTA FE ENGINEERING, LTD.</b>			
TA-35-110		DRAWN	EJH
DRAIN SCHEMATIC		DESIGN	EJH
		CHECKED	PEB
		DATE	1/13/93
SUBMITTED	RECOMMENDED	APPROVED	
<b>Los Alamos</b>		Los Alamos National Laboratory Los Alamos, New Mexico 87545	SHEET 1 OF 1
CLASSIFICATION	REVIEWER	DATE	
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP EM-8	11056-57	FIGURE 18	



LEGEND

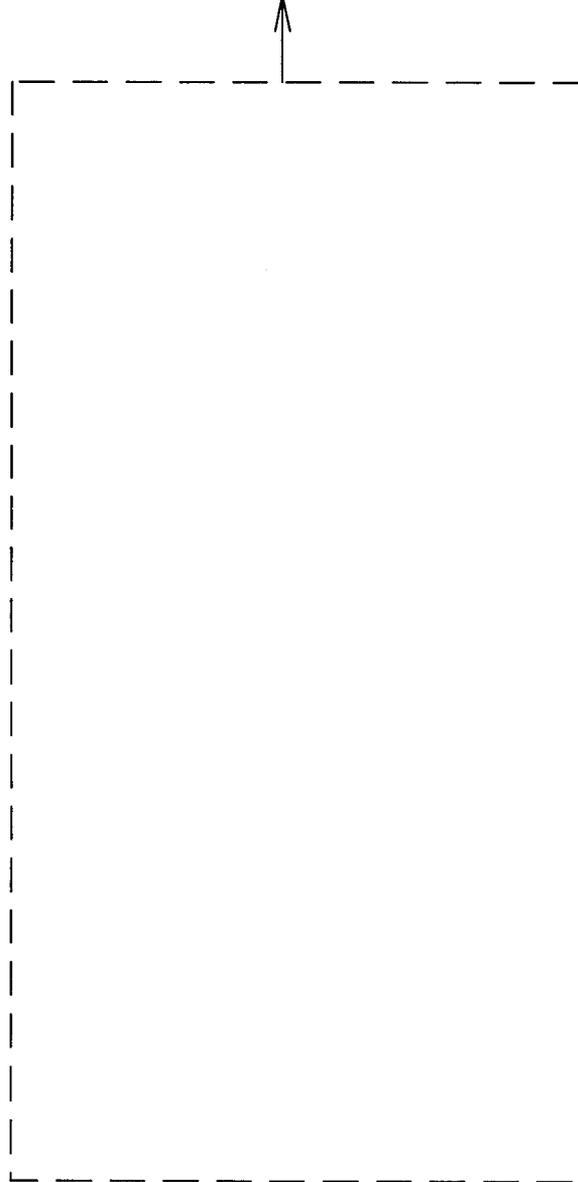
- - DYE TESTED DRAIN
- PRV - PRESSURE RELIEF VALVE
- SD - SINK DRAIN
- TL - TOILET
- UR - URINAL
- WF - WATER FOUNTAIN
- WH - WATER HEATER

NOTES

1) ACTUAL PIPING DETERMINED FROM AND ON-SITE INSPECTION.

<b>SANTA FE ENGINEERING, LTD.</b>			
TA-35-114		DRAWN	EJH
DRAIN SCHEMATIC		DESIGN	EJH
		CHECKED	PEB
		DATE	1/13/93
SUBMITTED	RECOMMENDED	APPROVED	
<b>Los Alamos</b>		Los Alamos National Laboratory Los Alamos, New Mexico 87545	SHEET 1 OF 1
CLASSIFICATION		REVIEWER	
REQUESTING DIVISION	LAB JOB NO.	DATE	
REQUESTING GROUP EM-8	11056-57	DRAWING NO. FIGURE 19	
		REV.	

35-170-OPN-1  
CO<sub>2</sub>



NOTES

1) ACTUAL PIPING DETERMINED FROM ON-SITE INSPECTION.

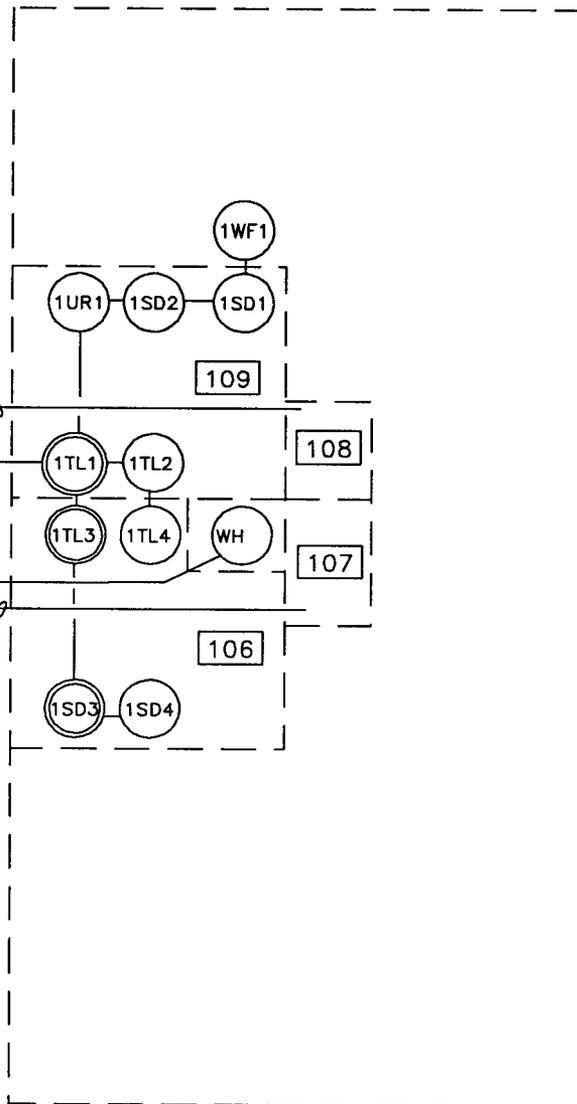
<b>SANTA FE ENGINEERING, LTD.</b>			
<b>TA-35-170</b> <b>DRAIN SCHEMATIC</b>		DRAWN	EJH
		DESIGN	EJH
		CHECKED	PEB
		DATE	1/13/93
SUBMITTED		RECOMMENDED	APPROVED
<b>Los Alamos</b>		Los Alamos National Laboratory Los Alamos, New Mexico 87545	SHEET 1 OF 1
CLASSIFICATION	REVIEWER	DATE	
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP EM-8	11056-57	FIGURE 20	

35-186-OPN-1  
CONDENSATE

35-186-OPN-2  
SANITARY

35-186-OPN-3  
WH PRV

35-186-OPN-4  
CONDENSATE



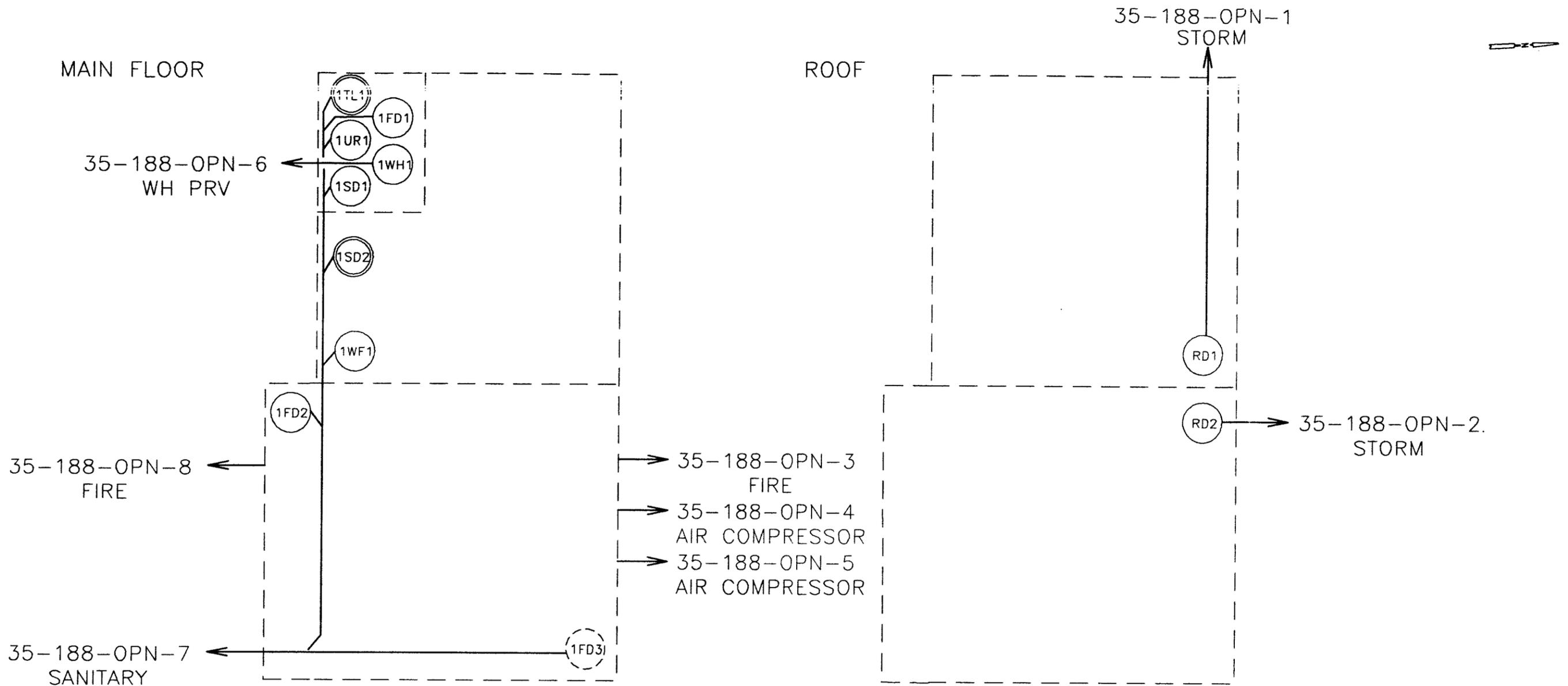
LEGEND

- - DYE TESTED DRAIN
- PRV - PRESSURE RELIEF VALVE
- SD - SINK DRAIN
- TL - TOILET
- UR - URINAL
- WF - WATER FOUNTAIN
- WH - WATER HEATER

NOTES

1) ACTUAL PIPING DETERMINED FROM AND ON-SITE INSPECTION.

<b>SANTA FE ENGINEERING, LTD.</b>			
TA-35-186		DRAWN	EJH
DRAIN SCHEMATIC		DESIGN	EJH
		CHECKED	PEB
		DATE	1/13/93
SUBMITTED	RECOMMENDED	APPROVED	
<b>Los Alamos</b>		Los Alamos National Laboratory Los Alamos, New Mexico 87545	
		SHEET	1 OF 1
CLASSIFICATION		REVIEWER	
REQUESTING DIVISION	LAB JOB NO.	DATE	
REQUESTING GROUP EM-8	11056-57	DRAWING NO. FIGURE 21	
		REV.	



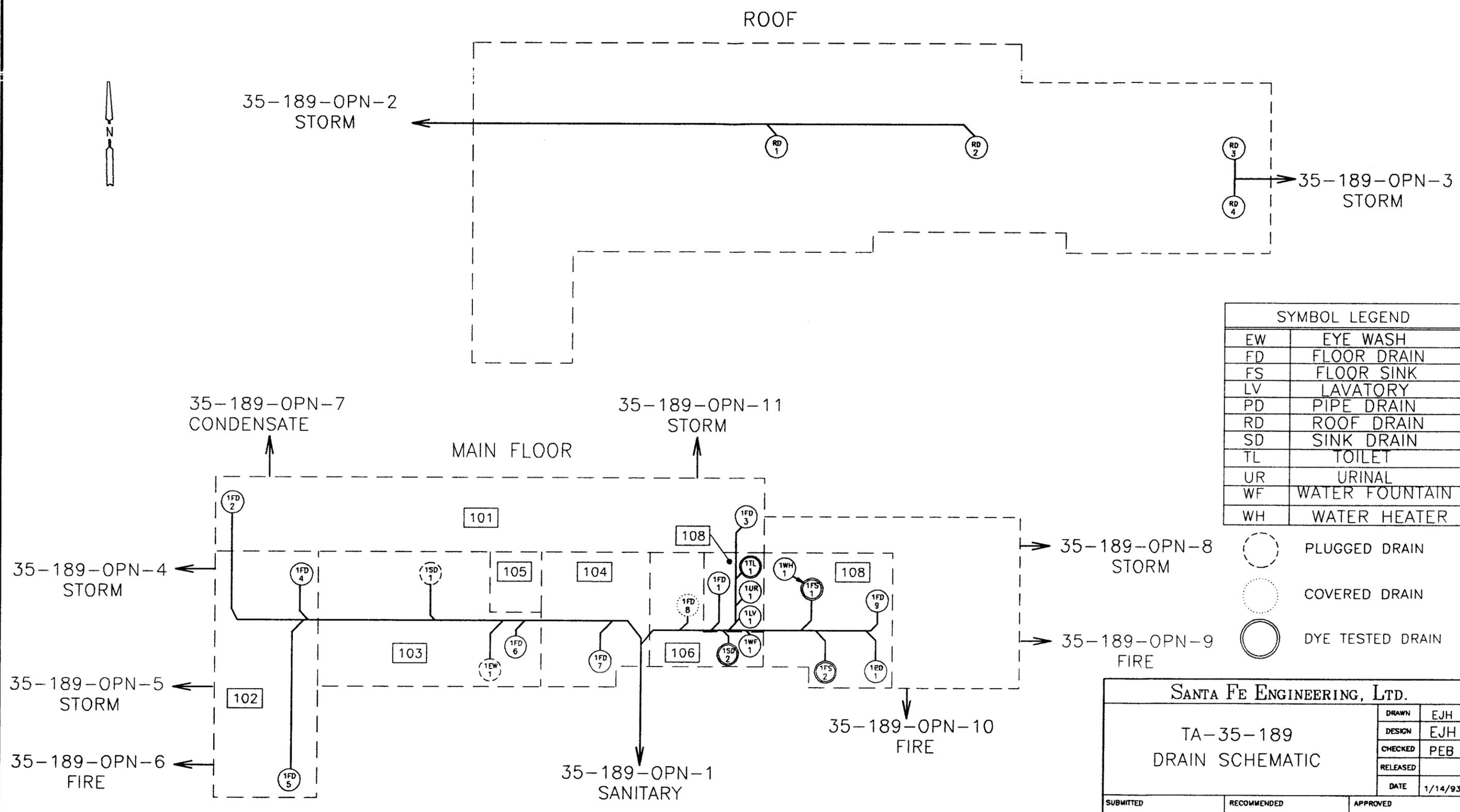
LEGEND

- - PLUGGED DRAIN
- - DYE TESTED DRAIN
- PRV - PRESSURE RELIEF VALVE
- FD - FLOOR DRAIN
- RD - ROOF DRAIN
- SD - SINK DRAIN
- TL - TOILET
- UR - URINAL
- WF - WATER FOUNTAIN
- WH - WATER HEATER

NOTES

1) ACTUAL PIPING DETERMINED FROM ENGINEERING DRAWING PL-3710 AND ON-SITE INSPECTION.

<b>SANTA FE ENGINEERING, LTD.</b>			
TA-35-188		DRAWN	EJH
DRAIN SCHEMATIC		DESIGN	EJH
		CHECKED	PEB
		DATE	1/4/93
SUBMITTED	RECOMMENDED	APPROVED	
<b>Los Alamos</b>		Los Alamos National Laboratory Los Alamos, New Mexico 87545	SHEET 1 OF 1
CLASSIFICATION	REVIEWER	DATE	
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP EM-8	11056-57	FIGURE 22	

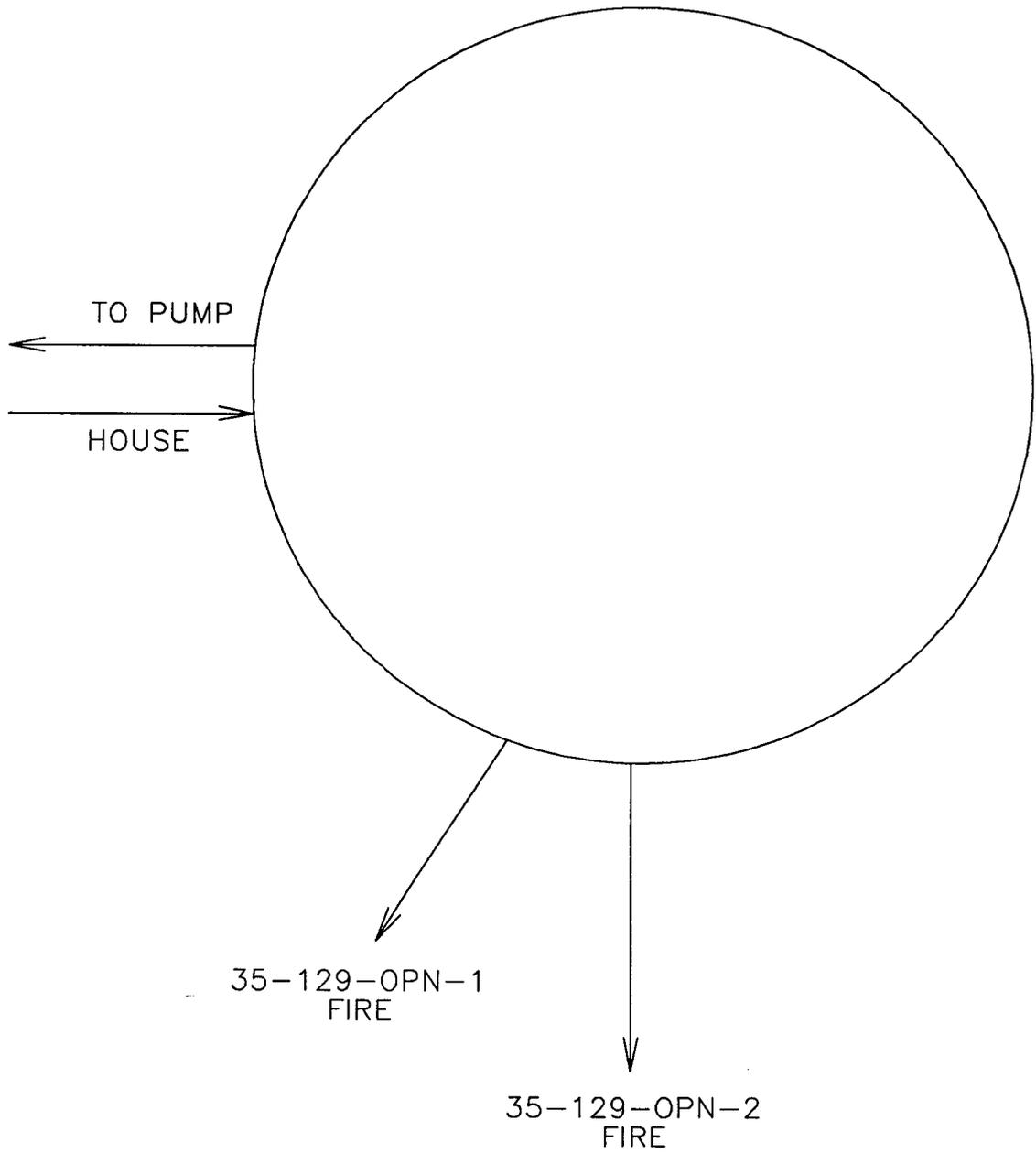


SYMBOL LEGEND	
EW	EYE WASH
FD	FLOOR DRAIN
FS	FLOOR SINK
LV	LAVATORY
PD	PIPE DRAIN
RD	ROOF DRAIN
SD	SINK DRAIN
TL	TOILET
UR	URINAL
WF	WATER FOUNTAIN
WH	WATER HEATER

- PLUGGED DRAIN
- COVERED DRAIN
- DYE TESTED DRAIN

SANTA FE ENGINEERING, LTD.			
TA-35-189 DRAIN SCHEMATIC		DRAWN	EJH
		DESIGN	EJH
		CHECKED	PEB
		RELEASED	
		DATE	1/14/93
SUBMITTED	RECOMMENDED	APPROVED	
		Los Alamos National Laboratory Los Alamos, New Mexico 87545	SHEET 1 OF 1
CLASSIFICATION	REVIEWER	DATE	
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP	11056-57	FIGURE 23	

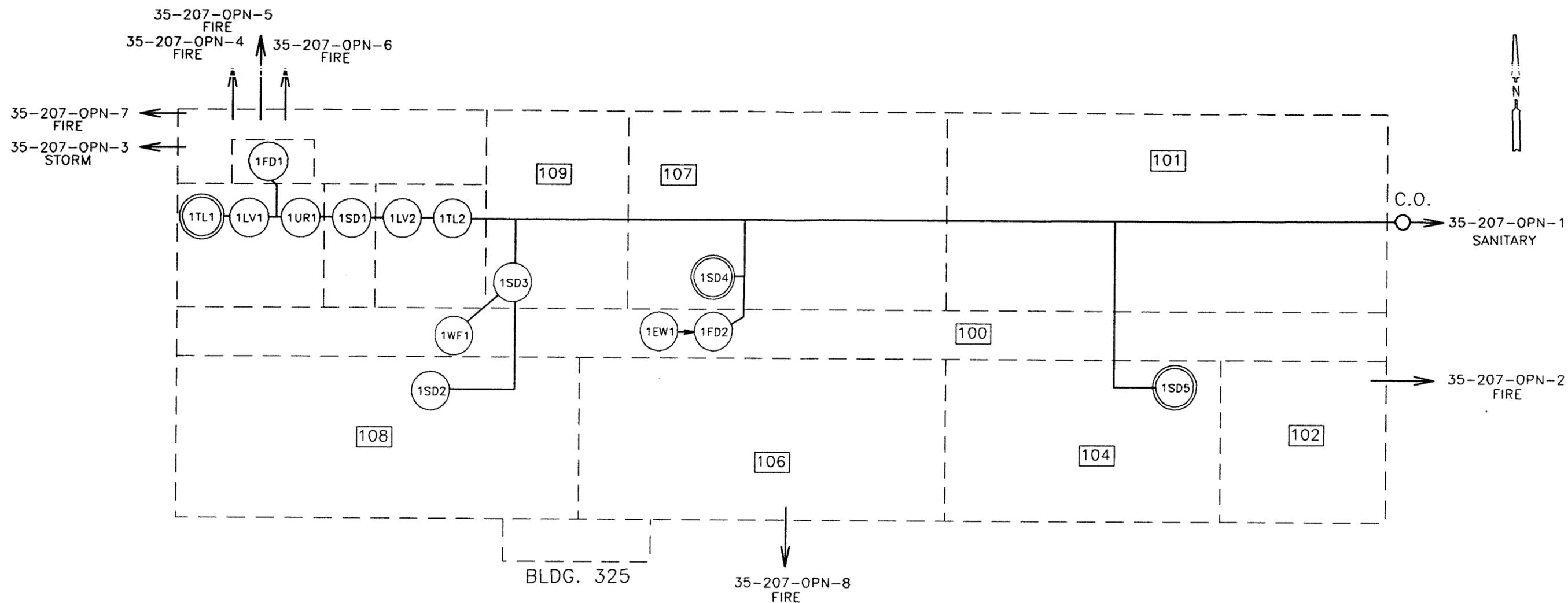
NOTES:  
 1) ACTUAL PIPING DETERMINED FROM ENGINEERING DRAWINGS C-43699, SHEET 15, AND ON SITE INSPECTION.



NOTES

1) ACTUAL PIPING DETERMINED FROM ON-SITE INSPECTION.

<b>SANTA FE ENGINEERING, LTD.</b>			
TA-35-129 <b>DRAIN SCHEMATIC</b>		DRAWN	EJH
		DESIGN	EJH
		CHECKED	PEB
		DATE	1/15/93
SUBMITTED		RECOMMENDED	APPROVED
<b>Los Alamos</b>		Los Alamos National Laboratory Los Alamos, New Mexico 87545	SHEET 1 OF 1
CLASSIFICATION	REVIEWER	DATE	
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP EM-8	11056-57	FIGURE 24	



**TA-35-207**

- NOT TO SCALE -

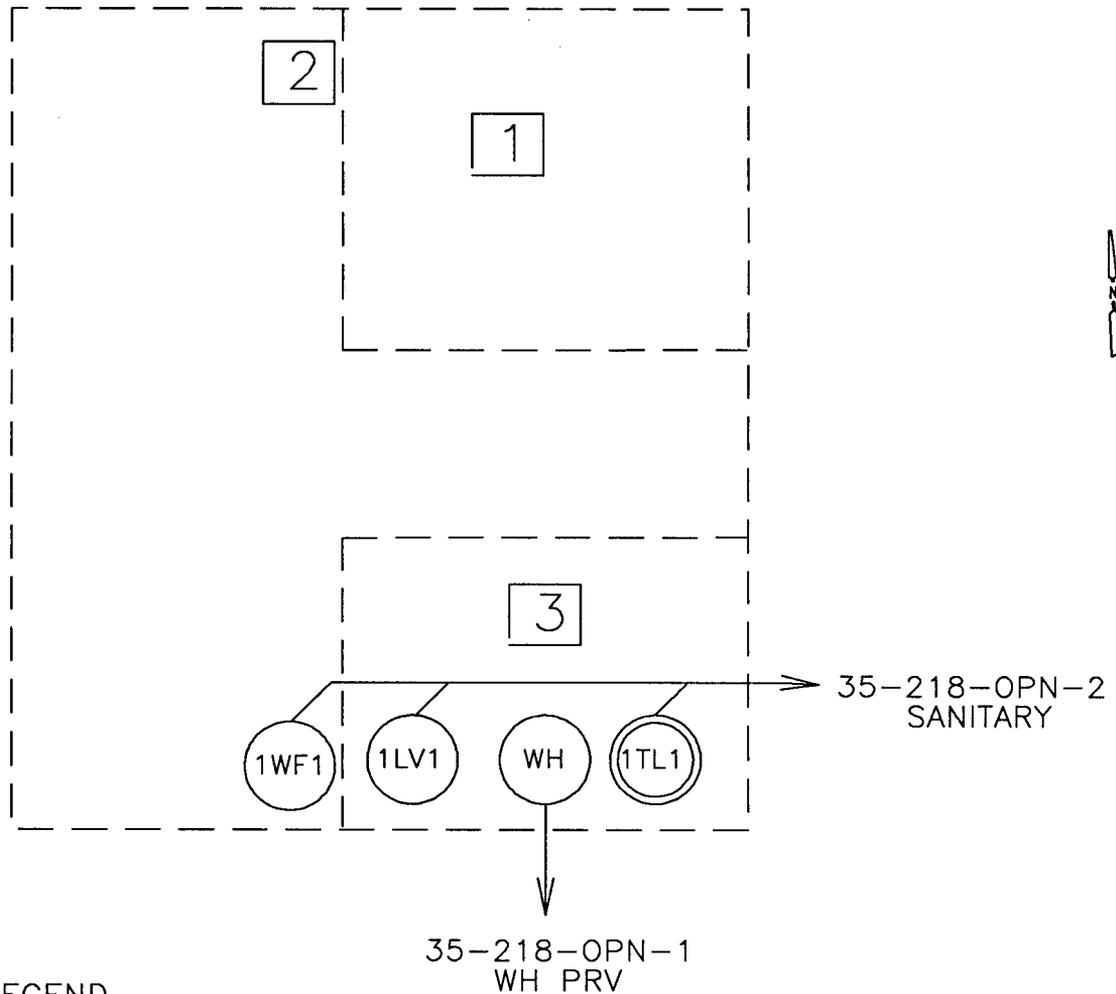
**NOTES:**

- 1) ACTUAL PIPING DETERMINED FROM ENGINEERING DRAWING C-44947 AND ON-SITE INSPECTION.

SYMBOL LEGEND	
CO	CLEAN-OUT
EW	EYE WASH
FD	FLOOR DRAIN
LV	LAVATORY
SD	SINK DRAIN
TL	TOILET
UR	URINAL
WF	WATER FOUNTAIN
WH	WATER HEATER

 DYE TESTED DRAIN

<b>SANTA FE ENGINEERING, LTD.</b>			
<b>TA-35-207 DRAIN SCHEMATIC</b>		DRAWN	EJH
		DESIGN	EJH
		CHECKED	PEB
		RELEASED	
		DATE	1/5/93
SUBMITTED	RECOMMENDED	APPROVED	
<b>Los Alamos</b> Los Alamos National Laboratory Los Alamos, New Mexico 87545		SHEET	1 OF 1
CLASSIFICATION	REVIEWER	DATE	
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP	11056-57	FIGURE 25	



LEGEND

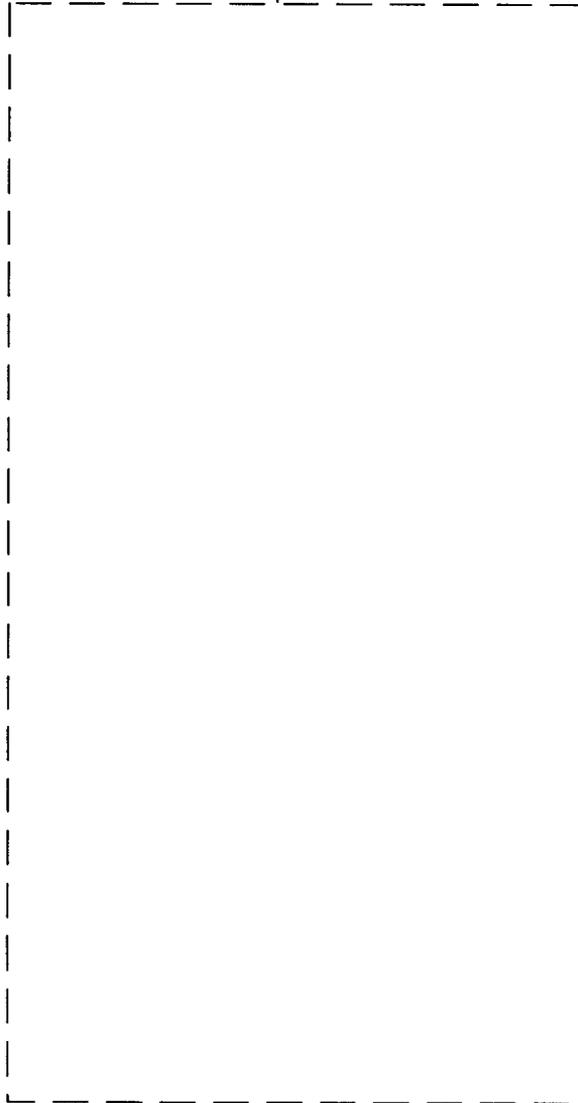
- - DYE TESTED DRAIN
- PRV - PRESSURE RELIEF VALVE
- SD - SINK DRAIN
- TL - TOILET
- WF - WATER FOUNTAIN
- WH - WATER HEATER

NOTES

1) ACTUAL PIPING DETERMINED FROM ON-SITE INSPECTION.

<b>SANTA FE ENGINEERING, LTD.</b>			
TA-35-218		DRAWN	EJH
DRAIN SCHEMATIC		DESIGN	EJH
		CHECKED	PEB
		DATE	1/4/93
SUBMITTED	RECOMMENDED	APPROVED	
<b>Los Alamos</b>		Los Alamos National Laboratory Los Alamos, New Mexico 87545	SHEET 1 OF 1
CLASSIFICATION	REVIEWER	DATE	
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP EM-8	11056-57	FIGURE 26	

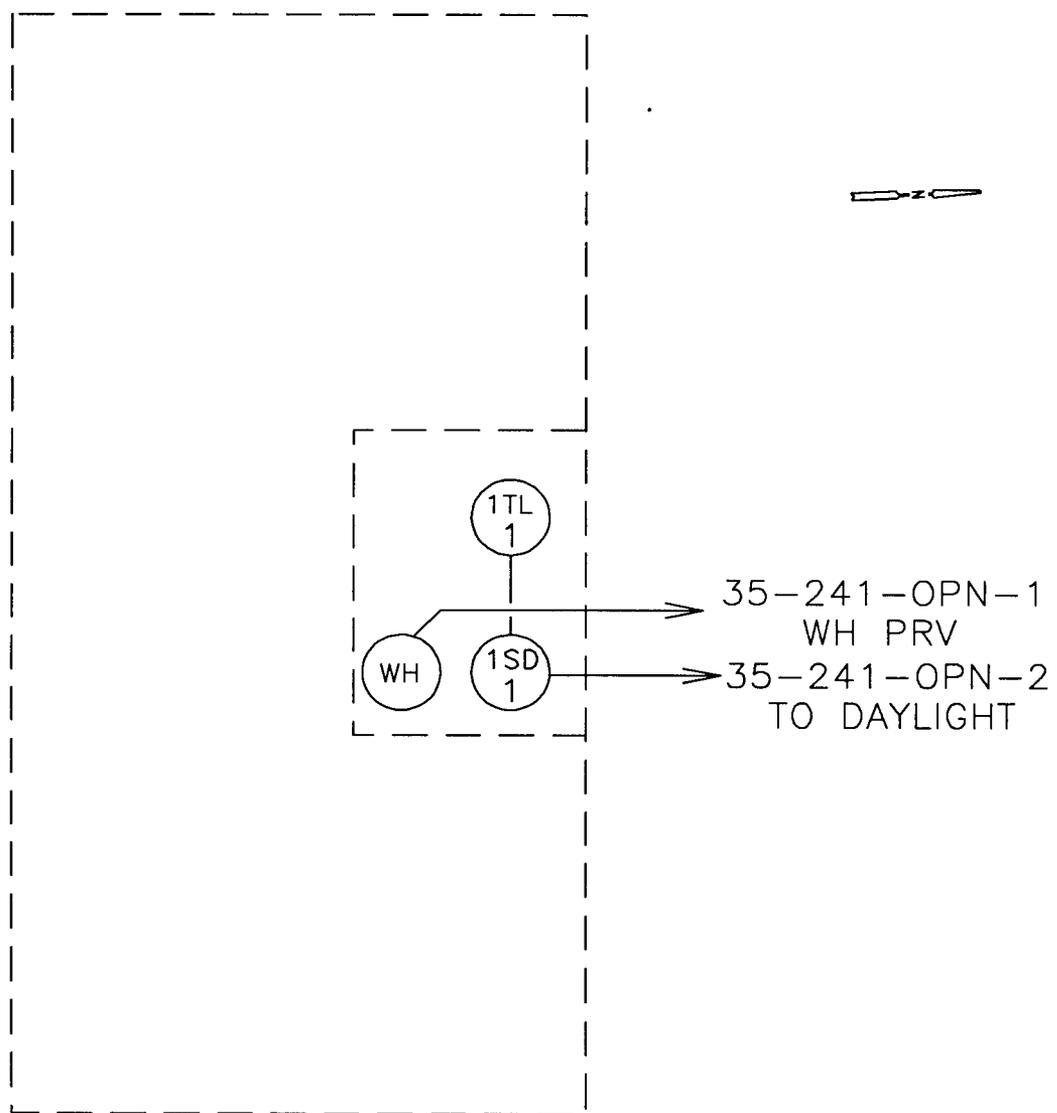
35-238-OPN-1  
CONDENSATE



NOTES

1) ACTUAL PIPING DETERMINED FROM ON-SITE INSPECTION.

<b>SANTA FE ENGINEERING, LTD.</b>			
TA-35-238 DRAIN SCHEMATIC		DRAWN	EJH
		DESIGN	EJH
		CHECKED	PEB
		DATE	1/15/93
SUBMITTED		RECOMMENDED	APPROVED
<b>Los Alamos</b>		Los Alamos National Laboratory Los Alamos, New Mexico 87545	SHEET 1 OF 1
CLASSIFICATION		REVIEWER	DATE
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP EM-8	11056-57	FIGURE 27	



**LEGEND**

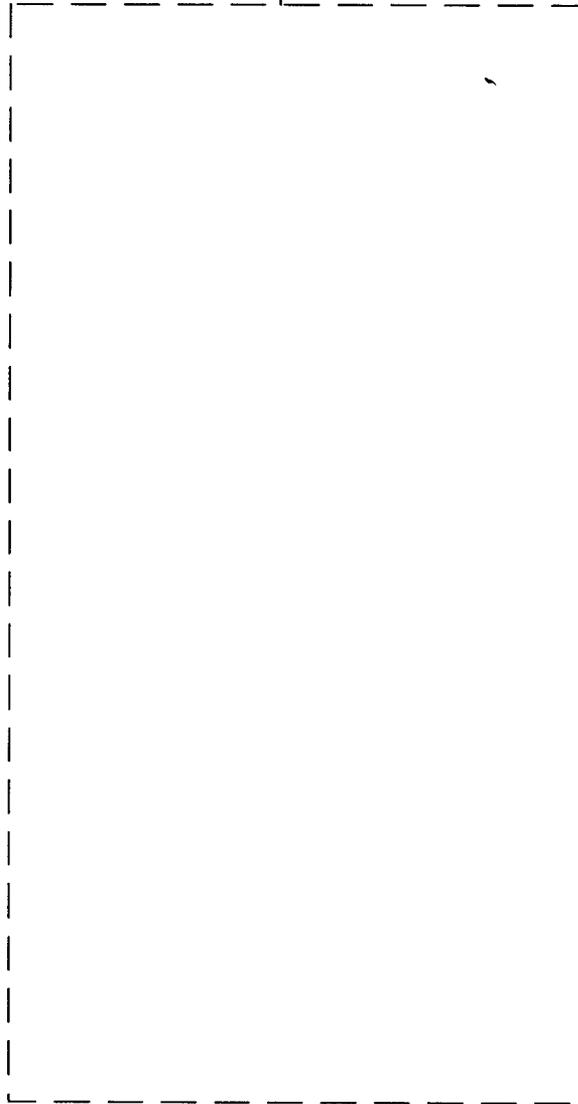
- SD - SINK DRAIN
- TL - TOILET
- PRV - PRESSURE RELIEF VALVE

**NOTES**

1) ACTUAL PIPING DETERMINED FROM ON-SITE INSPECTION.

<b>SANTA FE ENGINEERING, LTD.</b>			
TA-35-241		DRAWN	EJH
DRAIN SCHEMATIC		DESIGN	EJH
		CHECKED	PEB
		DATE	1/15/93
SUBMITTED	RECOMMENDED	APPROVED	
<b>Los Alamos</b>		Los Alamos National Laboratory Los Alamos, New Mexico 87545	SHEET 1 OF 1
CLASSIFICATION	REVIEWER	DATE	
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP EM-8	11056-57	FIGURE 28	

35-242-OPN-1  
CONDENSATE

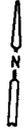
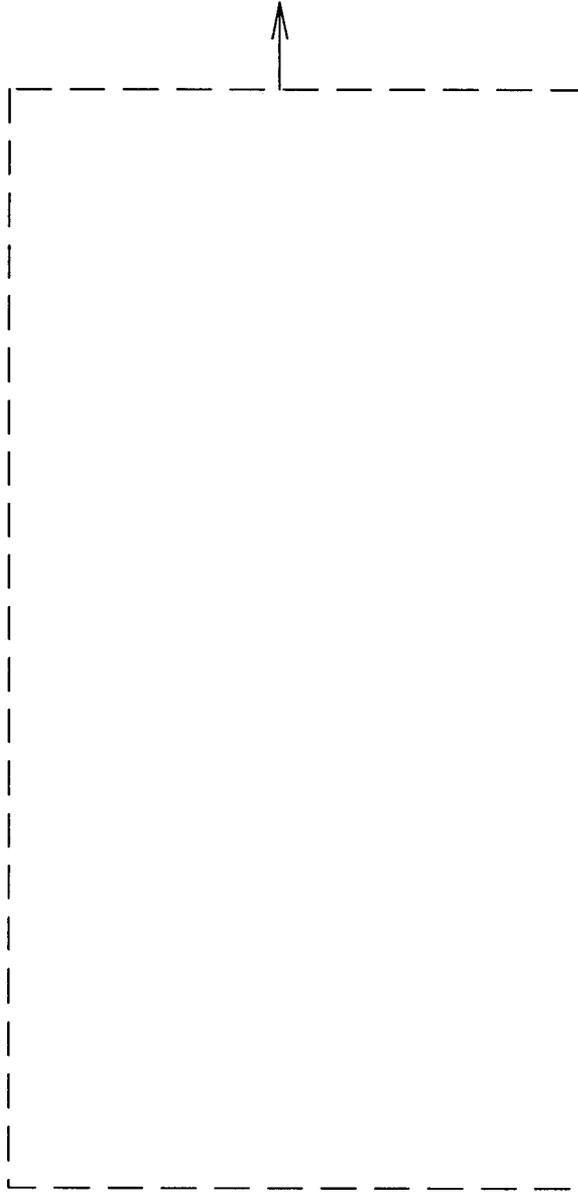


NOTES

1) ACTUAL PIPING DETERMINED FROM ON-SITE INSPECTION.

<b>SANTA FE ENGINEERING, LTD.</b>			
TA-35-242		DRAWN EJH	DESIGN EJH
DRAIN SCHEMATIC		CHECKED PEB	DATE 1/13/93
SUBMITTED	RECOMMENDED	APPROVED	
<b>Los Alamos</b>		Los Alamos National Laboratory Los Alamos, New Mexico 87545	
		SHEET	1 OF 1
CLASSIFICATION		REVIEWER	
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	
REQUESTING GROUP EM-8	11056-57	FIGURE 29	
		REV.	

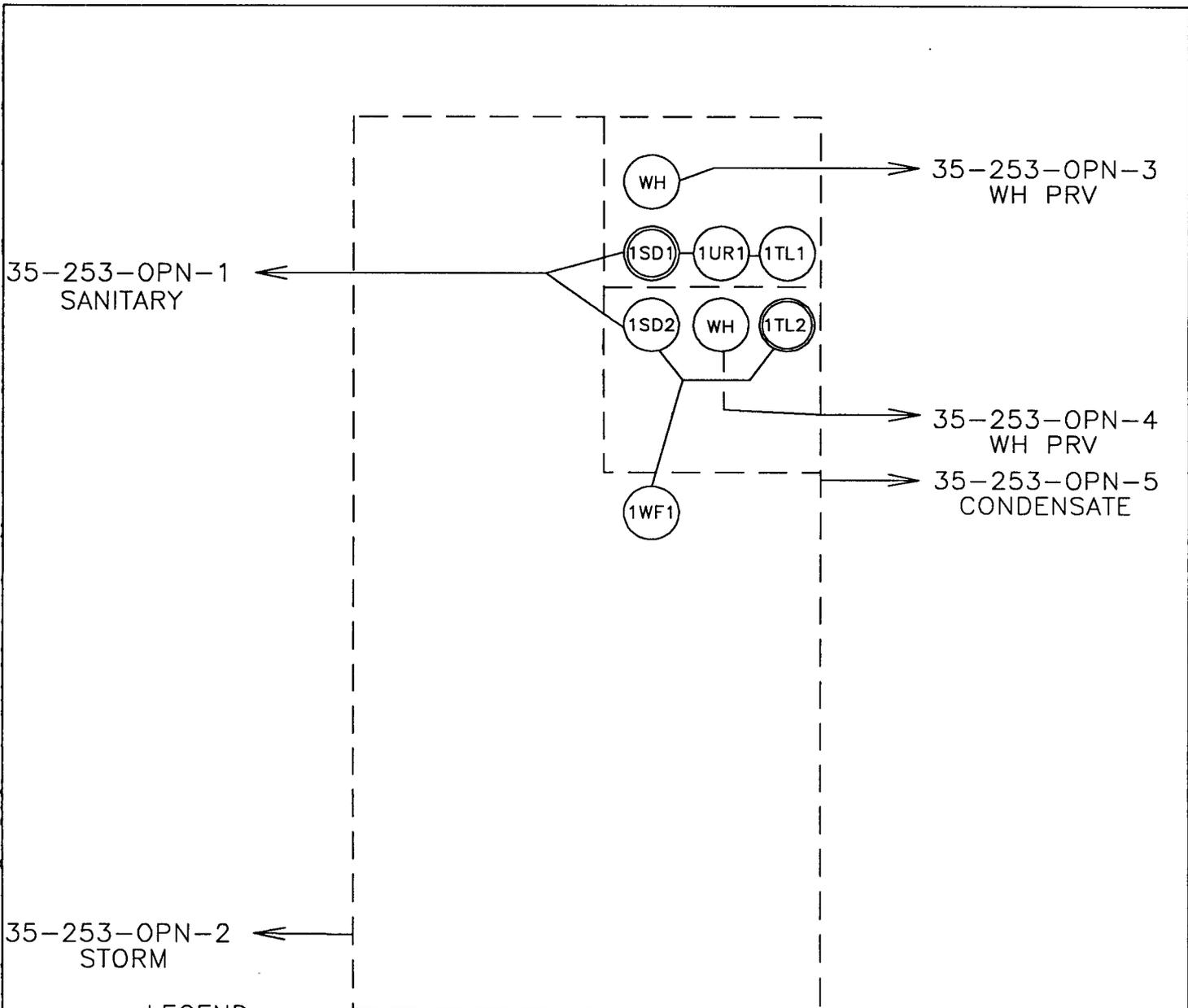
35-251-OPN-1  
CONDENSATE



NOTES

1) ACTUAL PIPING DETERMINED FROM ON-SITE INSPECTION.

<b>SANTA FE ENGINEERING, LTD.</b>			
<p>TA-35-251</p> <p>DRAIN SCHEMATIC</p>		DRAWN	EJH
		DESIGN	EJH
		CHECKED	PEB
		DATE	1/13/93
SUBMITTED	RECOMMENDED	APPROVED	
<p><b>Los Alamos</b> Los Alamos National Laboratory Los Alamos, New Mexico 87545</p>			<p>SHEET 1 OF 1</p>
CLASSIFICATION	REVIEWER	DATE	
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP EM-8	11056-57	FIGURE 30	



LEGEND

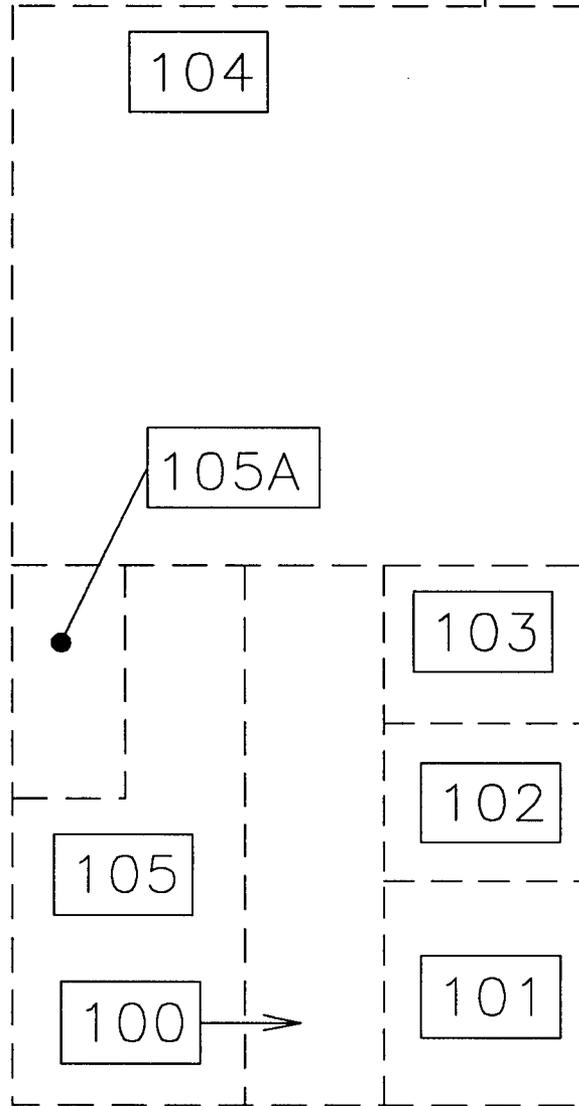
- - DYE TESTED DRAIN
- PRV - PRESSURE RELIEF VALVE
- SD - SINK DRAIN
- TL - TOILET
- UR - URINAL
- WF - WATER FOUNTAIN
- WH - WATER HEATER

NOTES

1) ACTUAL PIPING DETERMINED FROM ON-SITE INSPECTION.

<b>SANTA FE ENGINEERING, LTD.</b>			
TA-35-253		DRAWN	EJH
DRAIN SCHEMATIC		DESIGN	EJH
		CHECKED	PEB
		DATE	1/14/93
SUBMITTED	RECOMMENDED	APPROVED	
<b>Los Alamos</b>		Los Alamos National Laboratory Los Alamos, New Mexico 87545	
		SHEET	1 OF 1
CLASSIFICATION	REVIEWER	DATE	
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP EM-8	11056-57	FIGURE 31	

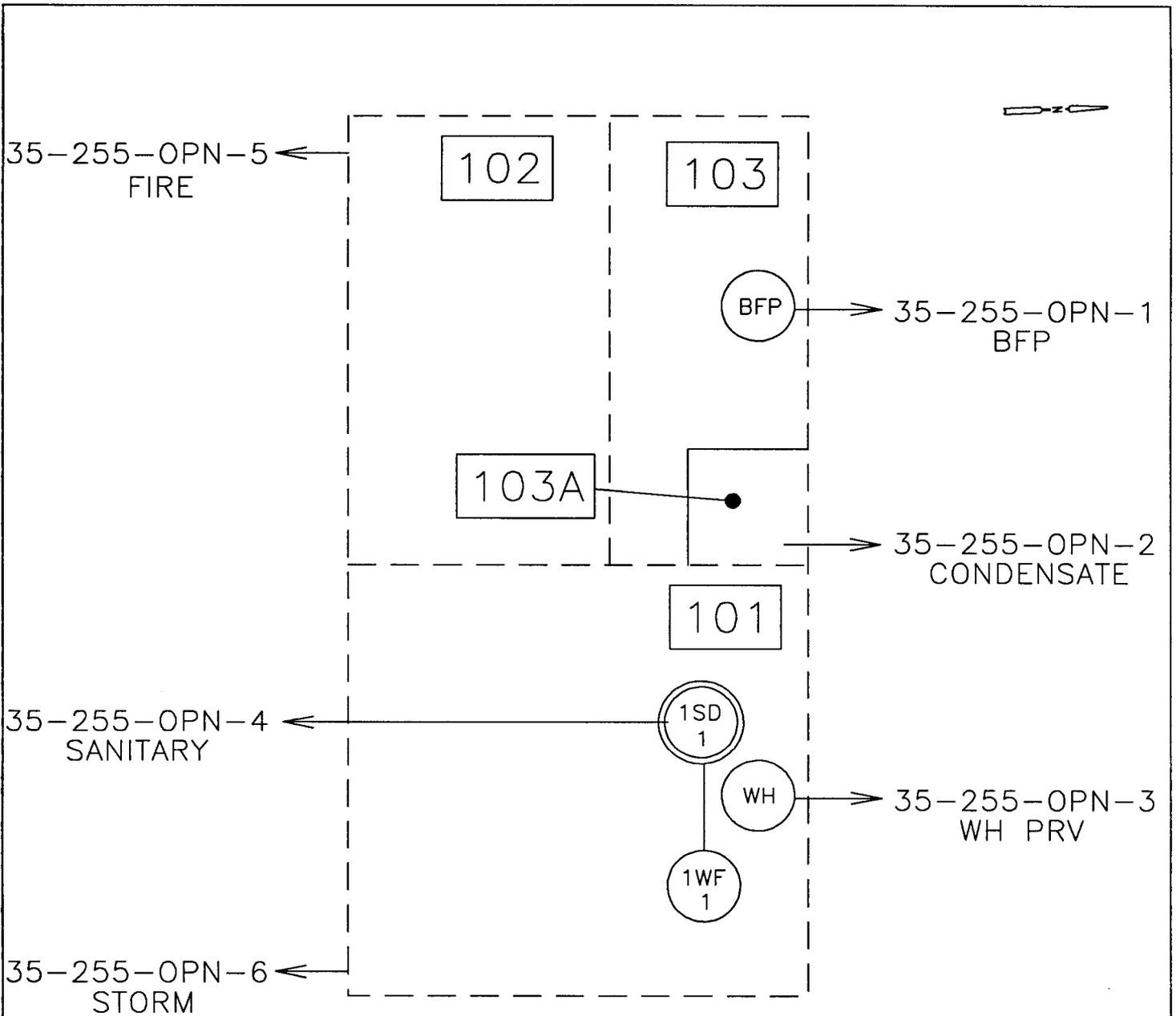
35-254-OPN-1  
FIRE



NOTES

- 1) ACTUAL PIPING DETERMINED FROM ENGINEERING DRAWING R-5241 AND ON-SITE INSPECTION.

<b>SANTA FE ENGINEERING, LTD.</b>			
TA-35-254		DRAWN	EJH
DRAIN SCHEMATIC		DESIGN	EJH
		CHECKED	PEB
		DATE	1/4/93
SUBMITTED	RECOMMENDED	APPROVED	
<b>Los Alamos</b>		Los Alamos National Laboratory Los Alamos, New Mexico 87545	SHEET 1 OF 1
CLASSIFICATION	REVIEWER	DATE	
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP EM-8	11056-57	FIGURE 32	



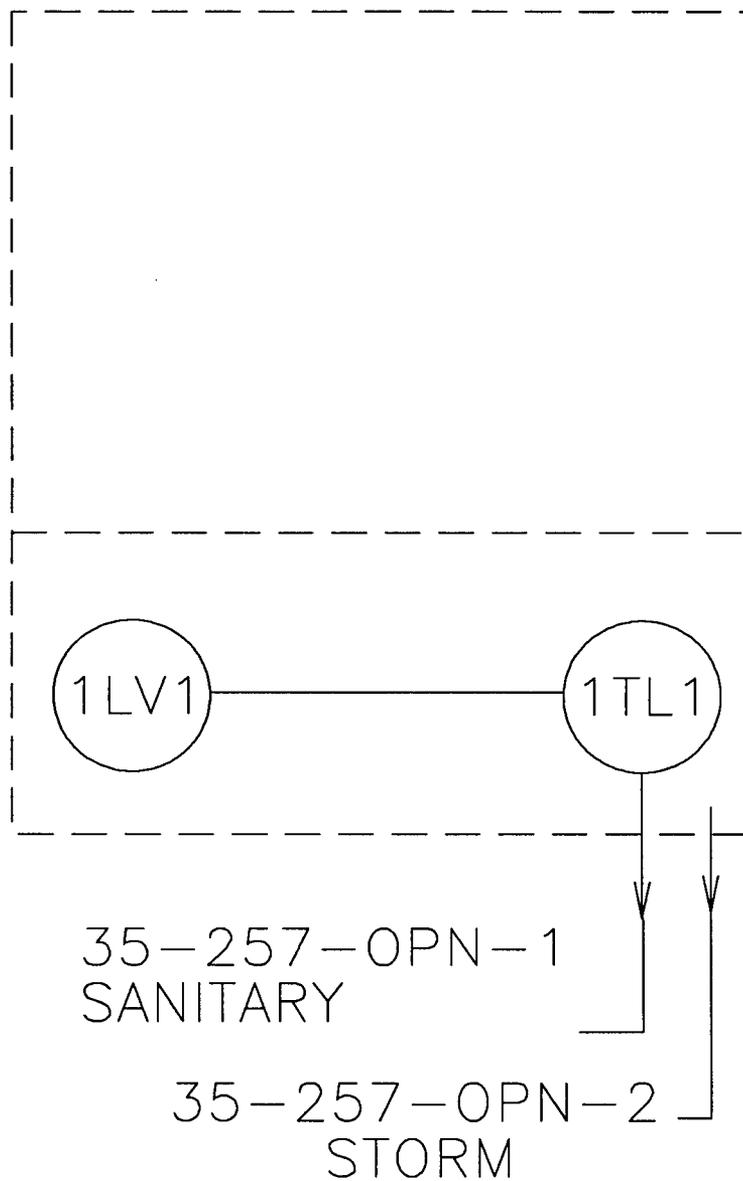
LEGEND

- BFP - BACK FLOW PREVENTER
- SD - SINK DRAIN
- PRV - PRESSURE RELIEF VALVE
- WF - WATER FOUNTAIN
- WH - WATER HEATER

NOTES

1) ACTUAL PIPING DETERMINED FROM ENGINEERING DRAWING R-5270 AND ON-SITE INSPECTION.

<b>SANTA FE ENGINEERING, LTD.</b>			
TA-35-255		DRAWN	EJH
DRAIN SCHEMATIC		DESIGN	EJH
		CHECKED	PEB
		DATE	1/4/93
SUBMITTED	RECOMMENDED	APPROVED	
<b>Los Alamos</b>		Los Alamos National Laboratory Los Alamos, New Mexico 87545	SHEET 1 OF 1
CLASSIFICATION	REVIEWER	DATE	
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP EM-8	11056-57	FIGURE 33	



LEGEND

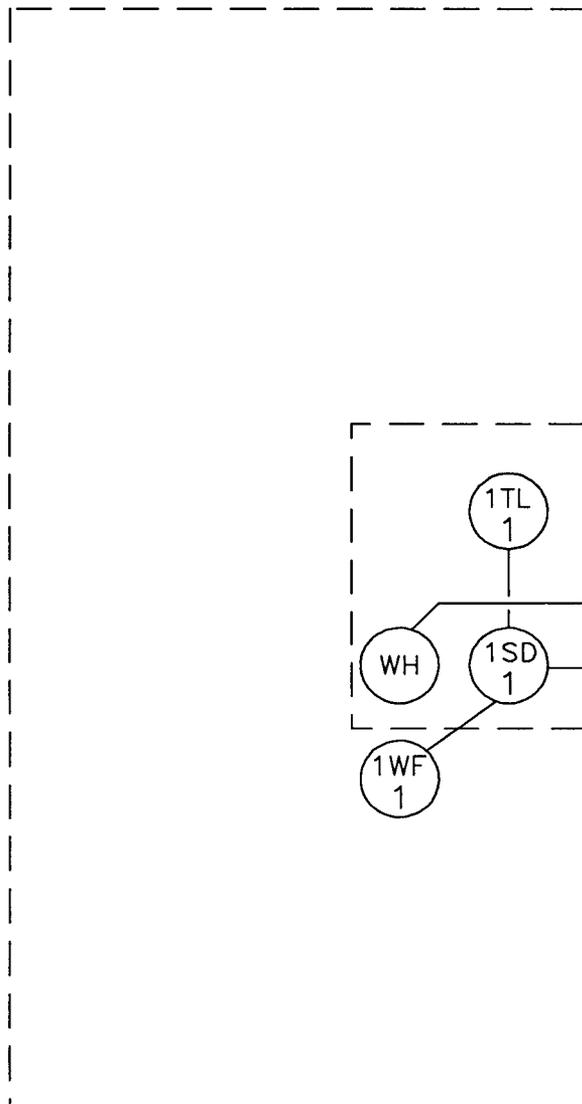
LV - LAVATORY

TL - TOILET

NOTES

- 1) ACTUAL PIPING DETERMINED FROM ENGINEERING DRAWING C-44040, SHEET 10, AND ON-SITE INSPECTION.

<b>SANTA FE ENGINEERING, LTD.</b>			
TA-35-257		DRAWN EJH	EJH
DRAIN SCHEMATIC		DESIGN EJH	EJH
		CHECKED PEB	PEB
		DATE 1/4/93	
SUBMITTED	RECOMMENDED	APPROVED	
<b>Los Alamos</b>		Los Alamos National Laboratory Los Alamos, New Mexico 87545	
		SHEET	1 OF 1
CLASSIFICATION		REVIEWER	
REQUESTING DIVISION	LAB JOB NO.	DATE	
REQUESTING GROUP EM-8	11056-57	DRAWING NO. FIGURE 34	
		REV.	



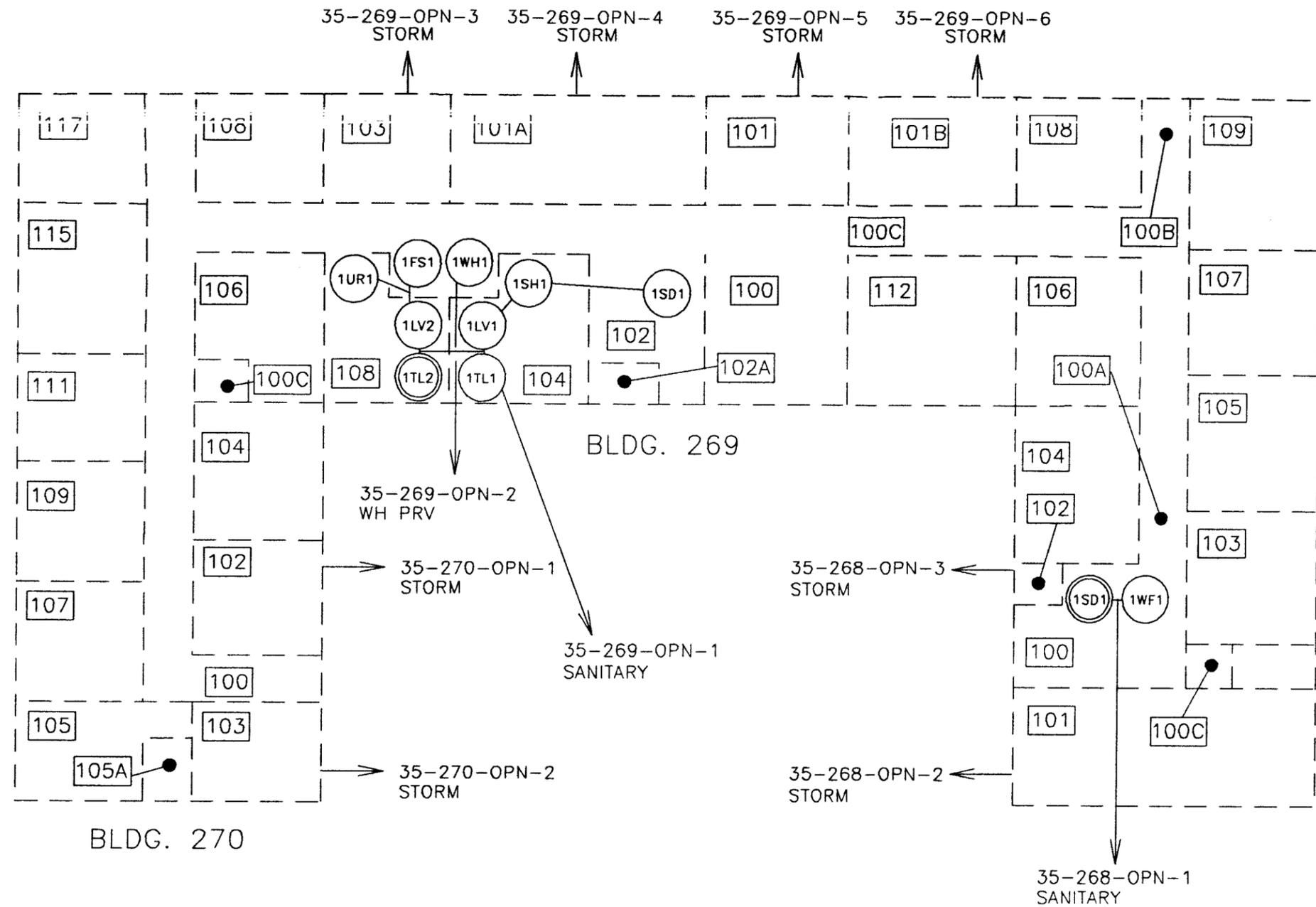
LEGEND

- PRV - PRESSURE RELIEF VALVE
- SD - SINK DRAIN
- TL - TOILET
- WF - WATER FOUNTAIN
- WH - WATER HEATER

NOTES

- 1) ACTUAL PIPING DETERMINED FROM ON-SITE INSPECTION.

<b>SANTA FE ENGINEERING, LTD.</b>			
TA-35-264		DRAWN	EJH
DRAIN SCHEMATIC		DESIGN	EJH
		CHECKED	PEB
		DATE	1/15/93
SUBMITTED		RECOMMENDED	
APPROVED			
<b>Los Alamos</b>		Los Alamos National Laboratory Los Alamos, New Mexico 87545	
		SHEET	1 OF 1
CLASSIFICATION		REVIEWER	
REQUESTING DIVISION		DATE	
REQUESTING GROUP		LAB JOB NO.	
EM-8		DRAWING NO.	
		REV.	
		11056-57	
		FIGURE 35	



SYMBOL LEGEND	
CO	CLEAN-OUT
FS	FLOOR SINK
LV	LAVATORY
PRV	PRESSURE RELIEF VALVE
SD	SINK DRAIN
SH	SHOWER
TL	TOILET
WF	WATER FOUNTAIN
WH	WATER HEATER

○ DYE TESTED DRAIN



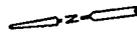
NOTES:

- 1) ACTUAL PIPING DETERMINED FROM ENGINEERING DRAWING C-44704, SHEETS 1 AND 2, AND ON-SITE INSPECTION.

SANTA FE ENGINEERING, LTD.			
TA-35 BUILDINGS 268, 269 AND 270 DRAIN SCHEMATIC	DRAWN	EJH	
	DESIGN	EJH	
	CHECKED	PEB	
	RELEASED		
	DATE	1/5/93	
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.	DRAWING NO.	REV.
REQUESTING GROUP EM-8	11056-57	FIGURE 36	

35-279-OPN-1 ←  
TANK DRAIN  
35-279-OPN-2 ←  
TANK DRAIN  
35-279-OPN-3 ←  
TANK DRAIN

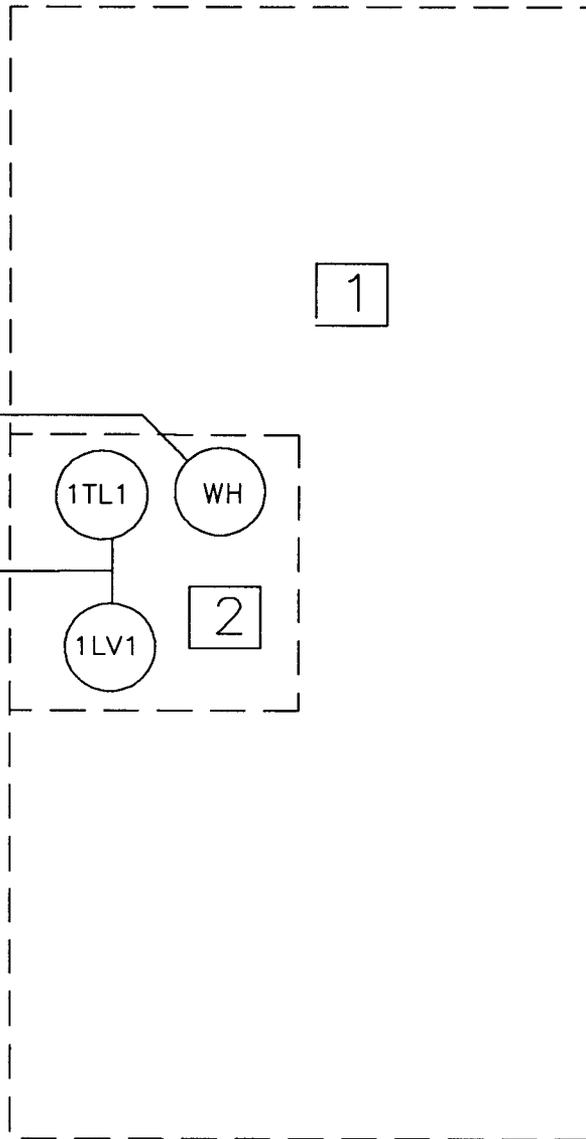
35-278-OPN-1 ←  
TANK DRAIN  
35-278-OPN-2 ←  
TANK DRAIN  
35-278-OPN-3 ←  
TANK DRAIN



NOTES

1) ACTUAL PIPING DETERMINED FROM ON-SITE INSPECTION.

<b>SANTA FE ENGINEERING, LTD.</b>			
TA-35-278 AND 279 DRAIN SCHEMATIC		DRAWN	EJH
		DESIGN	EJH
		CHECKED	PEB
		DATE	1/15/93
SUBMITTED		RECOMMENDED	APPROVED
<b>Los Alamos</b>		Los Alamos National Laboratory Los Alamos, New Mexico 87545	SHEET 1 OF 1
CLASSIFICATION	REVIEWER	DATE	
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP EM-8	11056-57	FIGURE 37	



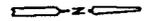
LEGEND

- - DYE TESTED DRAIN
- LV - LAVATORY
- PRV - PRESSURE RELIEF VALVE
- TL - TOILET
- WH - WATER HEATER

NOTES

1) ACTUAL PIPING DETERMINED FROM ON-SITE INSPECTION.

<b>SANTA FE ENGINEERING, LTD.</b>			
TA-35-336		DRAWN	EJH
DRAIN SCHEMATIC		DESIGN	EJH
		CHECKED	PEB
		DATE	1/4/93
SUBMITTED	RECOMMENDED	APPROVED	
<b>Los Alamos</b>		Los Alamos National Laboratory Los Alamos, New Mexico 87545	
CLASSIFICATION		REVIEWER	DATE
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP EM-8	11056-57	FIGURE 38	1 OF 1



→ 35-385-OPN-1  
CONTAINMENT DRAIN

NOTES

1) ACTUAL PIPING DETERMINED FROM ON-SITE INSPECTION.

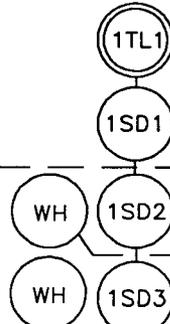
<b>SANTA FE ENGINEERING, LTD.</b>			
TA-35-385		DRAWN	EJH
DRAIN SCHEMATIC		DESIGN	EJH
		CHECKED	PEB
		DATE	1/14/93
SUBMITTED	RECOMMENDED	APPROVED	
<b>Los Alamos</b>		Los Alamos National Laboratory Los Alamos, New Mexico 87545	
		SHEET	1 OF 1
CLASSIFICATION	REVIEWER	DATE	
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP EM-8	11056-57	FIGURE 39	

35-454-OPN-4  
STORM

35-454-OPN-2  
STORM

35-454-OPN-5  
STORM

35-454-OPN-3  
STORM



35-454-OPN-6  
WH PRV

35-454-OPN-7  
WH PRV

35-454-OPN-1  
SANITARY



LEGEND

- - DYE TESTED DRAIN
- PRV - PRESSURE RELIEF VALVE
- SD - SINK DRAIN
- TL - TOILET

NOTES WH - WATER HEATER

1) ACTUAL PIPING DETERMINED FROM ON-SITE INSPECTION.

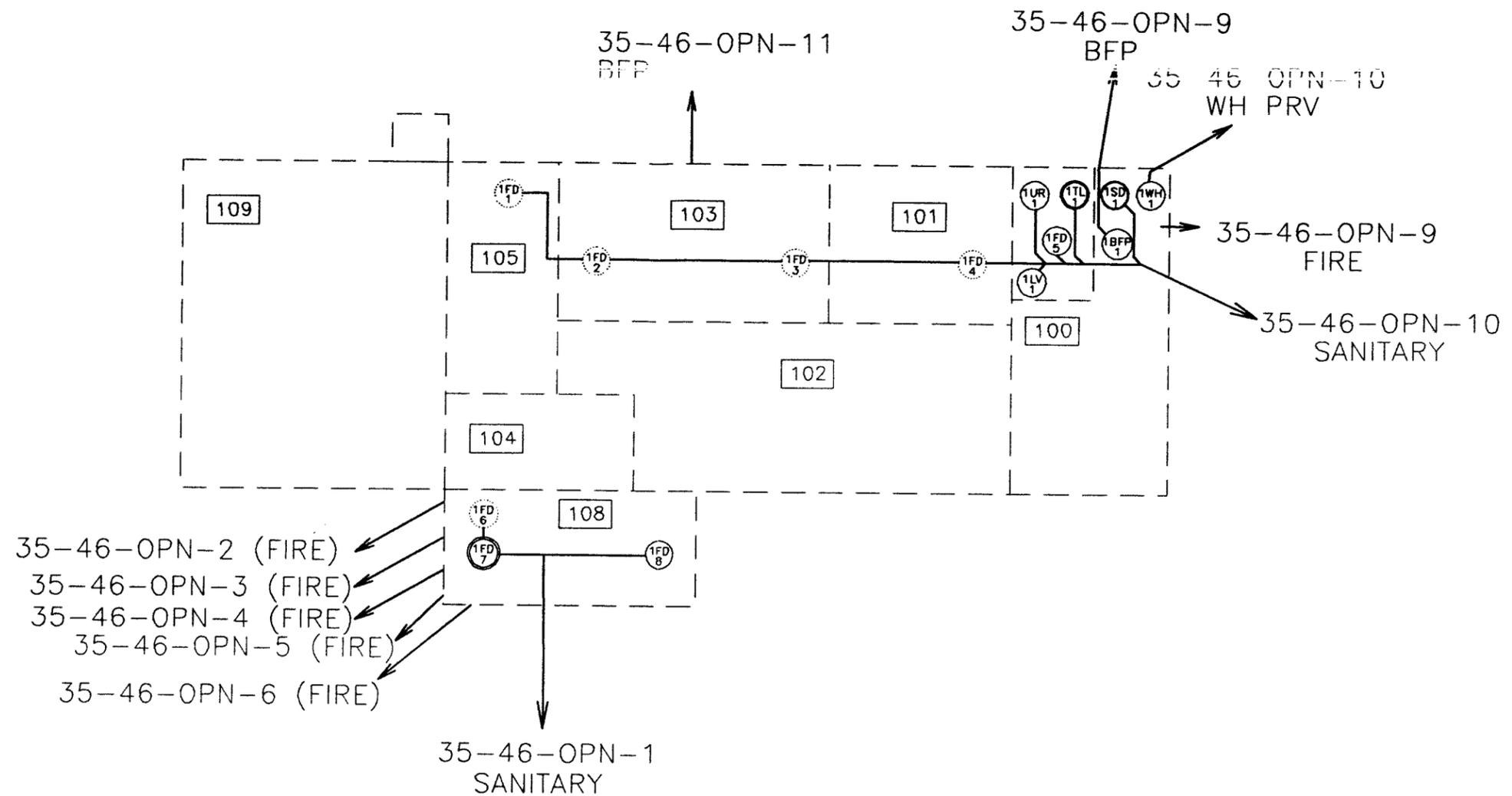
SANTA FE ENGINEERING, LTD.

TA-35-454

DRAIN SCHEMATIC

DRAWN	EJH
DESIGN	EJH
CHECKED	PEB
DATE	1/13/93

SUBMITTED		RECOMMENDED		APPROVED	
				Los Alamos National Laboratory Los Alamos, New Mexico 87545	
CLASSIFICATION				REVIEWER	
REQUESTING DIVISION		LAB JOB NO.		DRAWING NO.	
REQUESTING GROUP		11056-57		FIGURE 40	
				DATE	
				REV.	
				SHEET 1 OF 1	

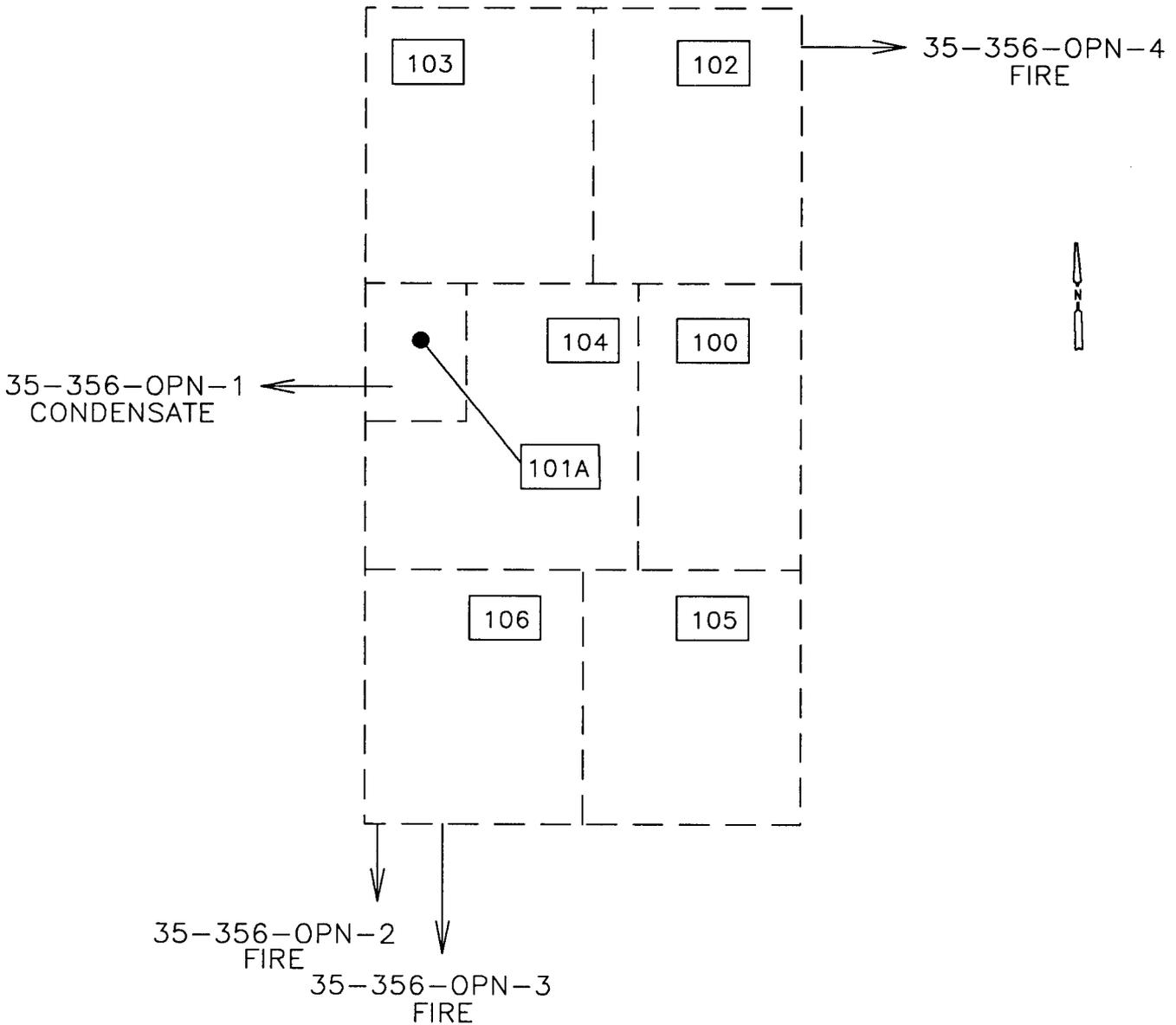


NOTES:

1) ACTUAL PIPING DETERMINED FROM ENGINEERING DRAWINGS C-47594 C-41439, SHEET 11, C-30155, SHEET 26, AND ON-SITE INSPECTION.

SYMBOL LEGEND	
CO	CLEAN-OUT
LV	LAVATORY
PRV	PRESSURE RELIEF VALVE
SD	SINK DRAIN
TL	TOILET
UR	URINAL
WF	WATER FOUNTAIN
WH	WATER HEATER
BFP	BACKFLOW PREVENTER
○	DYE TESTED DRAIN
○	COVERED DRAIN

SANTA FE ENGINEERING, LTD.			
<b>TA-35-46</b> <b>DRAIN SCHEMATIC</b>		DRAWN	EJH
		DESIGN	EJH
		CHECKED	PEB
		RELEASED	
		DATE	1/5/93
SUBMITTED	RECOMMENDED	APPROVED	
<b>Los Alamos</b>		Los Alamos National Laboratory Los Alamos, New Mexico 87545	
CLASSIFICATION	REVIEWER	DATE	SHEET 1 OF 1
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
EM-8	11056-57	FIGURE 41	



NOTES

1) ACTUAL PIPING DETERMINED FROM ON-SITE INSPECTION.

<b>SANTA FE ENGINEERING, LTD.</b>			
TA-35-356 DRAIN SCHEMATIC		DRAWN	EJH
		DESIGN	EJH
		CHECKED	PEB
		DATE	1/15/93
SUBMITTED	RECOMMENDED	APPROVED	
<b>Los Alamos</b> Los Alamos National Laboratory Los Alamos, New Mexico 87545		SHEET	1 OF 1
CLASSIFICATION	REVIEWER	DATE	
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP EM-8	11056-57	FIGURE 42	