

**WASTEWATER STREAM
CHARACTERIZATION FOR
TA-3-123, 132, 200, 202, 203,
331, 332, 1498, 1806, 1837,
1975 and 2011**

**at
Los Alamos National Laboratory**

ENVIRONMENTAL STUDY

CHARACTERIZATION REPORT # 51

Los Alamos

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**ENVIRONMENTAL DIVISION
Los Alamos National Laboratory
Los Alamos, New Mexico 87545
United States Department of Energy**

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2011

ENVIRONMENTAL STUDY

prepared for:
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EXECUTIVE SUMMARY

Buildings 123, 132, 200, 202, 203, 331, 332, 1498, 1806, 1837, 1975 and 2011 in TA-3 were visited to document all drain piping and building outflows and to make permitting recommendations. The pipes exiting the building are as follows:

1. from building 3-123: two sanitary sewer connections, one fire line drain and three roof drains,
2. from building 3-132: four sanitary sewer connections, thirteen fire line drains, two condensed water drains, eleven roof drains, one hot water pressure relief valve drain, two equipment exhaust vents and one steam system PRV,
3. from buildings 3-200: two sanitary sewer connections, four fire line drains and nine roof drains,
4. from buildings 3-202, 203, 331 and 1975: no water supplies and no drains,
5. from building 3-332: two condensed water drains and five roof drains,
6. from building 3-1498: one permitted outfall (03A-148), one sanitary sewer connection, seven roof drains, four fire line drains, one generator exhaust vent and two condensed water drains,
7. from building 3-1806: one sanitary sewer connection and one condensed water drain,
8. from building 3-1837: one treated cooling water blowdown to building 3-1498,
9. from building 3-2011: one sanitary sewer connection, three fire line drains and four roof drains.

Revised application forms are included for the permitted outfall (03A148). The flows shown on the forms are estimated from discussions with users and from data on the Discharge Monitoring Reports (DMR). Analytical data is defined from information from the previously sampled outfalls.

Recommendations for repiping are provided to allow outfall consolidation to minimize permit maintenance requirements and to bring the facility into compliance with the laboratory's NPDES Permit. Floor drain plugging is recommended where the potential of discharge of pollutants exists.

A Waste Stream Database has been prepared listing the waste water and flow rate for each outfall.

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1.0 INTRODUCTION

During November, 1992, Mark E. Wendt of Santa Fe Engineering (SFE) toured buildings 123, 132, 200, 202, 203, 331, 332, 1498, 1806, 1837, 1975 and 2011 in TA-3. The purpose of this study is to identify building drain piping, locate outfalls which discharge into the environment and to characterize the wastewater flows and sources existing at the time of the visit. This report will not reflect any subsequent changes in piping or operations. 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 the flow rate and quality. The location of outfalls and their potential sources of discharges were determined. Potential pollutants were also noted;
3. Permit applications 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 for the appropriate buildings (Figures 1 through 16) from drawings provided by Los Alamos National Laboratory (LANL) Facilities Engineering Division. Buildings 3-202, 203, 331 and 1975 were visited to insure that no drains exist for the buildings. 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 schematic. The Solid Waste Stream Characterization conducted by IT Corporation was 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 V1-92-1306 issued by EPA to the University of California were used for reference;
2. 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 and
3. SFE verified drain piping by dye checking.

2.0 FIELD INVESTIGATION

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

Each drain has a unique identification number. Each number consists of three parts. The first part is the floor the drain is on. The second part has letters that indicate the drain type (abbreviations used are summarized in Table 9). The final part is a unique number for each drain. For example, the floor drain numbering on the first floor would start with 1FD1. The roof drains do not have the number identifying the floor such as RD1 for Roof Drain 1.

The function of each pipe exiting from buildings is listed in Appendix 1, Tables 1 through 8, with an abbreviations list in Table 9. 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 appropriate outfalls. Appendix 4 provides information about the dye study of building drains. Flow schematics of the drains from each building are attached in Appendix 5 as Figures 2 through 16. A Site Plan is included in Appendix 5 as Figure 1 illustrating the locations of buildings included in this report.

3.0 RECOMMENDATIONS FOR BUILDING 3-123

Table 1 is a list of the drains to the building outfalls and Figures 2, 3 and 4 are schematics of the piping. The table lists the drains that connect to the outfall pipe and includes recommendations for changes to the drain piping. The discussion below gives the reasoning for the recommendations.

3.1 Outfalls 3-123-OPN-1, 3-123-OPN-3 and 3-123-OPN-6

These outfalls are from roof drains on the building. The discharge pipes run to the storm sewer collection system in this area. No permitting is needed for these outfalls and no EPA forms have been prepared.

3.2 Outfall 3-123-OPN-2 and 3-123-OPN-4

These outfalls are from sanitary facilities and flow into a sewer manhole which drains to TA-3 sanitary sewer collection system. No chemicals are drained into any of the drains or fixtures. It is recommended that signs indicating "SANITARY WASTE ONLY - NO CHEMICAL DISPOSAL" be placed at sinks 1SD1, 1SD2, 2SD1 and 2SD2. No permitting is required for this outfall and no EPA forms were prepared.

3.3 Outfall 3-123-OPN-5

This outfall is a fire suppression system drain which discharges to daylight next to the building. This outfall should be covered by a Notice Of Intent (NOI) to discharge. No piping changes are recommended. No EPA forms were completed.

4.0 RECOMMENDATIONS FOR BUILDING 3-132

Table 2 is a list of the drains to building outfalls and Figures 5, 6 and 7 are schematics of the piping. The table lists the drains that connect to the outfall pipe and includes recommendations for changes to the drain piping. The discussion below gives the reasoning for the recommendations.

4.1 Outfall 3-132-OPN-1

This outfall is a steam system PRV vent which discharges to the atmosphere next to the building. This outfall should be included in the general Laboratory's NOI. No piping changes are recommended and no EPA forms were completed.

4.2 Outfall 3-132-OPN-2

This outfall discharges from a steam converter pressure relief valve to daylight next to the building. This outfall should be covered by an NOI. No changes are required for this outfall and no EPA forms have been prepared.

4.3 Outfalls 3-132-OPN-3, 3-132-OPN-7, 3-132-OPN-8, 3-132-OPN-11, 3-132-OPN-13, 3-132-OPN-23, 3-132-OPN-24, 3-132-OPN-25, 3-132-OPN-26, 3-132-OPN-29, 3-132-OPN-30, 3-132-OPN-33 and 3-132-OPN-34

These outfalls are fire water system drains which discharge to daylight next to the building. These outfalls should be covered by an NOI. No piping changes are recommended. No EPA forms were completed.

4.4 Outfalls 3-132-OPN-4 and 3-132-OPN-5

These outfall are mechanical cooling equipment condensed water drains which discharge to daylight next to the

building. These outfalls should be covered by an NOI. No piping changes are recommended. No EPA forms were completed.

4.5 Outfalls 3-132-OPN-6, 3-132-OPN-18, 3-132-OPN-21, 3-132-OPN-31 and 3-132-OPN-32

These outfalls are from roof drains on the building. These outfalls drain to the main storm sewer system in this area which discharges to daylight at the east side of building TA-3-1498. No permitting is needed for these outfalls and no EPA forms have been prepared.

4.6 Outfall 3-132-OPN-9

This outfall is from storm sewer drains located in exterior entry areas around the building and from roof drains on the building. This outfall drains to daylight at the east side of building TA-3-1498. No permitting is needed for this outfall and no EPA forms have been prepared.

4.7 Outfall 3-132-OPN-10

This outfall is a chiller exhaust which discharges to the atmosphere next to the building. No piping changes are recommended. No EPA forms were prepared.

4.8 Outfall 3-132-OPN-12

This outfall is from floor drains (10), floor sinks (4), lavatories (12), sink drains (5), showers (2), water fountains (3), toilets (9), urinals (4) and one sewage lift station and flows into a sewer manhole which drains to the TA-3 sanitary sewer collection system. No chemicals are drained into any of the drains or fixtures. Mechanical room 170R has two battery storage racks, one at the northeast corner of the room along the wall, the other along the south

wall. It is recommended that both of these battery storage racks be provided with secondary containment.

Mechanical room 170R has two air compressor units with blow-off lines discharging to the floor. Containing the liquids from each unit is recommended. Provide a sign at sink drain 1SD4 indicating "SANITARY WASTE ONLY - NO CHEMICAL DISPOSAL". No permitting is required for this outfall and no EPA forms have been prepared.

4.9 Outfalls 3-132-OPN-14, 3-132-OPN-16, 3-132-OPN-20, 3-132-OPN-27 and 3-132-OPN-28

These outfalls are from roof gutter drains. The downspouts drain to daylight next to the building. No permitting is needed for these outfalls and no EPA forms have been prepared.

4.10 Outfall 3-132-OPN-15

This outfall is a mechanical equipment exhaust which discharges to the atmosphere next to the building. No piping changes are recommended. No EPA forms were prepared.

4.11 Outfall 3-132-OPN-17

This outfall is from floor drains (8), lavatories (3), showers (5), toilets (2), one urinal and one sewage lift station and flows into a sewer manhole which drains to the TA-3 sanitary sewer collection system. No chemicals are drained into any of the drains or fixtures. Mechanical room 150R has a battery storage rack along the west wall. It is recommended that secondary containment be provided for this battery rack. Room 150R also has an air compressor unit with a blow-off line discharging to the floor. Containing the liquid from the air compressor unit is recommended.

Floor drain 1FD44 in storage room 158R is recommended to be permanently plugged. No permitting is required for this outfall and no EPA forms have been prepared.

4.12 Outfall 3-132-OPN-19

This outfall is from one eye wash, floor drains (14), one sink drain and one sewage lift station and flows into a sewer manhole which drains to the TA-3 sanitary sewer collection system. No chemicals are drained into any of the drains or fixtures. Room 187 is a photo chemical storage room which has five floor drains. It is recommended that floor drains 1FD17 through 1FD20 in this room be permanently plugged. Floor drain 1FD21 in this room receives flow from an emergency eye wash unit. Providing a built-up secondary containment berm around this floor drain is recommended. It is also recommended that sink drain 1SD2 in the photo chemical storage room be labeled "SANITARY WASTE ONLY - NO CHEMICAL DISPOSAL".

Mechanical room 160R contains a battery storage rack which is located along the west wall. It is recommended that secondary containment be provided for this battery rack. Room 160R also contains two air compressor units with blow-offs draining onto the floor. Containing the liquid from each air compressor unit is recommended.

Photo-processing room 260A, located on the second floor has two secondary containment berms around photo-developing machines, each berm has a drain outlet piped directly to the floor. It is recommended these drain outlets be plugged. It is also recommended that sink drains 2SD3 and 2SD4 in the photo-processing room be labeled "Sanitary Waste Only - No Chemical Disposal". No permitting is required for this outfall and no EPA forms have been prepared.

4.13 Outfall 3-132-OPN-22

This outfall is from floor drains (16), one floor sink, lavatories (6), sink drains (3), toilets (6), urinals (3), water fountains (3) and sewage lift stations (2) and flows to a sewer manhole which drains to the TA-3 sanitary sewer collection system. No chemicals are drained into any of the drains or fixtures. Mechanical room 180Q and electrical room 130QA each contain a battery storage rack. It is recommended these battery storage racks be provided with secondary containment.

Room 180PC is a battery storage room which contains a floor drain, 1FD12. It is recommended that this floor drain be permanently plugged.

Mechanical room 130Q has a hot water circulating pump located along the west wall which is leaking an oily substance onto the floor. Repairing the oil leak or providing secondary containment for the pump is recommended. It is also recommended that sink drains 1SD1, 2SD1 and 2SD2 be labeled "SANITARY WASTE ONLY - NO CHEMICAL DISPOSAL". No permitting is required for this outfall and no EPA forms have been prepared.

5.0 RECOMMENDATIONS FOR BUILDING 3-200

Table 3 is a list of the drains to the building outfalls and Figures 8 and 9 are schematics of the piping. The table lists the drains that connect to the outfall pipe and includes recommendations for changes to the drain piping. The discussion below gives the reasoning for the recommendation.

5.1 Outfalls 3-200-OPN-1, 3-200-OPN-2, 3-200-OPN-7 and 3-200-OPN-11

These outfalls are fire water system drains which discharge to daylight next to the building. These outfalls should be covered by an NOI. No piping changes are recommended. No EPA forms were completed.

5.2 Outfalls 3-200-OPN-3 and 3-200-OPN-14

These outfalls are from floor drains (2), lavatories (5), sink drains (5), toilets (4), urinals (2) and water fountains (3) and flow into a sewer manhole which drains to the TA-3 sewage collection system. No chemicals are drained into any of the drains or fixtures. Mechanical room 140 has an air compressor unit with a blow-off line discharging onto the floor. It is recommended that the liquid be contained at the air compressor unit. It is also recommended that sinks 1SD2, 1SD3, 1SD4, 2SD1 and 2SD2 be labeled "SANITARY WASTE ONLY - NO CHEMICAL DISPOSAL". No permitting is required for this outfall and no EPA forms have been prepared.

5.3 Outfalls 3-200-OPN-4, 3-200-OPN-5, 3-200-OPN-6, 3-200-OPN-8, 3-200-OPN-9, 3-200-OPN-10, 3-200-OPN-12, 3-200-OPN-13 and 3-200-OPN-15

These outfalls discharge storm water from roof drains and area drains on the building. The downspouts drain to daylight next to the building. No permitting is needed for these outfalls and no EPA forms have been prepared.

6.0 RECOMMENDATIONS FOR BUILDINGS 3-202, 203, 331 AND 1975

Buildings 3-202, 203, 331 and 1975 were inspected and found not to have any drains and no source of water. No permitting is required and no EPA forms were prepared.

7.0 RECOMMENDATIONS FOR BUILDING 3-332

Table 4 is a list of the drains to the building outfalls and Figure 10 is a schematic of the piping. The table lists the drains that connect to the outfall pipe and includes recommendations for changes to the drain piping. The discussion below gives the reasoning for the recommendations.

7.1 Outfalls 3-332-OPN-1, 3-332-OPN-2, 3-332-OPN-3, 3-332-OPN-4 and 3-332-OPN-6

These outfalls are from roof drains on the building. The downspouts drain to daylight next to the building. No permitting is needed for these outfalls and no EPA forms have been prepared.

7.2 Outfalls 3-332-OPN-5 AND 3-332-OPN-7

These outfalls drain condensed water from mechanical cooling units to daylight next to the building. These outfalls should be covered by an NOI. No piping changes are recommended. No EPA forms were completed.

8.0 RECOMMENDATIONS FOR BUILDING 3-1498

Table 5 is a list of the drains to the building outfall and Figures 11, 12 and 13 are schematics of the piping. The table lists the drains that connect to the outfall pipe and includes recommendations for changes to the drain piping. The discussion below gives the reasoning for the recommendations.

8.1 Outfall 3-1498-OPN-1

This outfall is from sanitary facilities and flows into a sewage lift station at the east side of the building. From there it is pumped up to a gravity line where it flows to the TA-3 sewage collection system. No chemicals are drained into any of the drains or fixtures. Room 182B is used for permanent battery storage. This room currently has four floor drains and one hand wash sink drain which flow into an acid neutralization tank located in room 187 which then flows into the sanitary sewer system. It is recommended that all of these floor drains, 1FD41, 1FD42, 1FD43 and 1FD59 be permanently plugged. It is recommended that the emergency eye wash discharge be containerized. It is also recommended that sink drain 1SD4 be removed. The acid neutralization tank should be decommissioned. It is recommended that secondary containment be provided for all batteries stored in this room. It is recommended that sink drains 1SD1, 1SD2, 1SD3, 2SD1, 2SD3, 3SD1, 3SD2, 3SD3 and 3SD4 be labeled "SANITARY WASTE ONLY - NO CHEMICAL DISPOSAL". No permitting is required for this outfall and no EPA forms have been prepared.

8.2 Outfalls 3-1498-OPN-2, 3-1498-OPN-4, 3-1498-OPN-7, 3-1498-OPN-12, 3-1498-OPN-13, 3-1498-OPN-14 and 3-1498-OPN-16

These outfalls are from roof overflow drains on the building. The downspouts drain to daylight next to the building. No permitting is needed for these outfalls and no EPA forms have been prepared.

8.3 Outfalls 3-1498-OPN-3, 3-1498-OPN-5, 3-1498-OPN-8 and 3-1498-OPN-10

These outfalls are fire water system drains which discharge to daylight next to the building. These outfalls should be covered by an NOI. No piping changes are recommended. No EPA forms were completed.

8.4 Outfall 3-1498-OPN-6

This outfall is an emergency generator exhaust which discharges to the atmosphere next to the building. No piping changes or permitting are recommended. No EPA forms were prepared.

8.5 Outfalls 3-1498-OPN-9 and 3-1498-OPN-11

These outfalls are condensed water drains from mechanical equipment which discharge to daylight next to the building. These outfalls should be covered by an NOI. No piping changes are recommended. No EPA forms were prepared.

8.6 Outfall 3-1498-OPN-15

This outfall is permitted as 03A-148 and receives treated cooling water blowdown from cooling tower 3-1837 located to the northwest of this building. This blowdown discharges an average of 3000 gpd into floor drain 1FD11 in mechanical room 189. This outfall also receives sanitary flow from all of the floor drains located in mechanical room 189, floor drains in computer rooms 105, 105A, 205 and 341, office 127, sump pumps located in both elevator shafts in the building and storm water from all roof drains on the building. This outfall currently drains to daylight into the storm sewer catch basin located at the east side of building TA-3-1498 next to Diamond Drive. It is recommended the cooling water blowdown from cooling tower 3-1837 be re-routed below grade, from the cooling tower, along the north and east sides of building 3-1498 and terminated to daylight at the existing storm sewer catch basin located next to the walkway going under Diamond Drive along side the existing permitted outfall. The permit number shall then be relocated to the newly installed discharge pipe. This recommendation is also discussed in Section 10.0.

As the drain schematic indicates, floor drains 1FD1 through 1FD24 located in mechanical room 189, 1FD55 in corridor 100H, 1FD53, 1FD54, 1FD56, 1SP1 and 1SP2 in computer room 105, 1FD57, 1FD58, 2FD3 through 2FD6 in computer room 205, 3FD3, 3FD4 in computer room 341 and 1SP3 and 1SP4 in the two elevator shafts all exit the building at a single point prior to connecting to the storm water line exterior of the building and discharging at permitted outfall 03A148. It is recommended that this sanitary discharge exiting the building be rerouted from upstream of its connection to the storm drain line, to the existing sanitary sewage lift station at the southeast side of the building. Although dye testing allowed the final destination of the various drains

to be determined, the physical connection point of sanitary to storm water must be verified prior to accomplishing this work.

Once these recommendations are performed, the existing outfall 3-1498-OPN-15, which is currently permitted will be discharging storm water only.

Mechanical room 189 has two air compressor units located along the west wall which have blow-off lines discharging onto the floor. It is recommended the liquid be contained from each air compressor unit and the piping to the floor drains be removed.

An EPA Form 2C was prepared for 03A148 and is contained in Appendix 3.

8.7 Outfall 3-1498-OPN-17

This outfall can receive flow from 16 floor drains in the electrical substation room 191. The outfall discharges to a 55 gallon transformer oil collection tank below the floor in the room. There is no discharge to the environment or to any waste collection system outside the building. In this sense it is not an actual "outfall" but has been assigned an outfall number to provide a trackable destination for the floor drains in question. No changes or permitting are recommended and no EPA forms were prepared.

9.0 RECOMMENDATIONS FOR BUILDING 3-1806

Table 6 is a list of the drains to the building outfall and Figures 14 are schematics of the piping. The table lists the drains that connect to the outfall pipe and includes recommendations for changes to the drain piping. The

discussion below gives the reasoning for the recommendations.

9.1 Outfall 3-1806-OPN-1

This outfall receives flow from one toilet, one lavatory and one water fountain and flows to a sanitary sewage lift station with discharges to the TA-3 sanitary sewer collection system. No permitting or piping changes are recommended. No EPA forms were prepared.

9.2 Outfall 3-1806-OPN-2

This outfall drains condensed water from a mechanical cooling unit to daylight next to the building. This outfall should be covered by an NOI. No piping changes are recommended. No EPA forms were completed.

10.0 RECOMMENDATIONS FOR BUILDING 3-1837

Table 7 is a list of the drains to the cooling tower outfall and Figure 11 is a schematic of the piping. The one outfall is a treated cooling water blowdown which drains into floor drain 1FD11 located in building TA-3-1498 room 189. This blowdown discharges an average of 3000 gallons per day of treated cooling water. It is recommended the cooling tower blowdown be re-routed below grade, from the cooling tower, along the north and east sides of building 3-1498 and terminated to daylight at the existing storm sewer catch basin located next to the walkway going under Diamond Drive alongside the existing permitted outfall from this cooling tower. The permit number shall then be relocated to the newly routed discharge pipe. This recommendation is also discussed in Section 8.6.

The cooling tower has both a potable water makeup and an 01S effluent makeup connection. It is recommended the 01S effluent makeup water be investigated further for the possibility of chemical levels higher than the NPDES discharge permit would allow.

A revised EPA Form 2C is attached for the permitted outfall.

11.0 RECOMMENDATIONS FOR BUILDING 3-2011

Table 8 is a list of the drains to the building outfall and Figures 15 and 16 are schematics of the piping. The table lists the drains that connect to the outfall pipe and includes recommendations for changes to the drain piping. The discussion below gives the reasoning for the recommendations.

11.1 Outfall 3-2011-OPN-1

This outfall is from floor sinks (4), a sump pump, water fountains (2), floor drains (3), lavatories (4), sinks (2), showers (3), toilets (4) and one urinal. Floor sinks in the mechanical room receive very small (deminimus) quantities of water from pressure relief valves, condensate, a fire test drain and a backflow preventer and flows into a sewer manhole which drains to the TA-3 sewage collection system. No chemicals are drained into any of the drains or fixtures. It is recommended that sink drains 2SD1 and 2SD2 be labeled "SANITARY WASTE ONLY - NO CHEMICAL DISPOSAL". No permitting is required for this outfall and no EPA forms have been prepared.

11.2 Outfalls 3-2011-OPN-2, 3-2011-OPN-3, 3-2011-OPN-7 and
3-2011-OPN-8

These outfalls are from fire water system drains which discharge to daylight next to the building. These outfalls should be covered by an NOI. No piping changes are recommended. No EPA forms were completed.

11.3 Outfalls 3-2011-OPN-4, 3-2011-OPN-5, 3-2011-OPN-6 and
3-2011-OPN-9

These outfalls are from roof drains and one deck drain on the building. The downspouts drain to daylight next to the building. No permitting is needed for these outfalls and no EPA forms have been prepared.

12.0 CONCLUSION

This document provides the information to characterize buildings 123, 132, 200, 202, 203, 331, 332, 1498, 1806, 1837, 1975 and 2011 of TA-3.

Form 2C:

1. 3-1498-OPN-15 (03A148)
2. 3-1837-OPN-1 (03A148)

Permitting is not recommended for the following outfalls, as itemized below.

Areas that do not have any drains:

1. 3-202
2. 3-203
3. 3-331
4. 3-1975

Discharges to TA-3 Sewage Collector:

1. 3-123-OPN-2
2. 3-123-OPN-4
3. 3-132-OPN-12
4. 3-132-OPN-17
5. 3-132-OPN-19
6. 3-132-OPN-22
7. 3-200-OPN-3
8. 3-200-OPN-14
9. 3-1498-OPN-1
10. 3-1806-OPN-1
11. 3-2011-OPN-1

Discharge from the fire system:

1. 3-123-OPN-5
2. 3-132-OPN-3
3. 3-132-OPN-7
4. 3-132-OPN-8
5. 3-132-OPN-11
6. 3-132-OPN-13
7. 3-132-OPN-23
8. 3-132-OPN-24
9. 3-132-OPN-25
10. 3-132-OPN-26
11. 3-132-OPN-29
12. 3-132-OPN-30
13. 3-132-OPN-33
14. 3-132-OPN-34
15. 3-200-OPN-1
16. 3-200-OPN-2
17. 3-200-OPN-7
18. 3-200-OPN-11
19. 3-1498-OPN-3
20. 3-1498-OPN-5
21. 3-1498-OPN-8
22. 3-1498-OPN-10
23. 3-2011-OPN-2
24. 3-2011-OPN-3
25. 3-2011-OPN-7
26. 3-2011-OPN-8

Discharges of condensed water:

1. 3-132-OPN-4
2. 3-132-OPN-5
3. 3-332-OPN-5
4. 3-332-OPN-7
5. 3-1498-OPN-9
6. 3-1498-OPN-11
7. 3-1806-OPN-2

Discharges of storm water:

- | | | |
|-------------------|-------------------|-------------------|
| 1. 3-123-OPN-1 | 2. 3-123-OPN-3 | 3. 3-123-OPN-6 |
| 4. 3-132-OPN-6 | 5. 3-132-OPN-9 | 6. 3-132-OPN-14 |
| 7. 3-132-OPN-16 | 8. 3-132-OPN-18 | 9. 3-132-OPN-20 |
| 10. 3-132-OPN-21 | 11. 3-132-OPN-27 | 12. 3-132-OPN-28 |
| 13. 3-132-OPN-31 | 14. 3-132-OPN-32 | 15. 3-200-OPN-4 |
| 16. 3-200-OPN-5 | 17. 3-200-OPN-6 | 18. 3-200-OPN-8 |
| 19. 3-200-OPN-9 | 20. 3-200-OPN-10 | 21. 3-200-OPN-12 |
| 22. 3-200-OPN-13 | 23. 3-200-OPN-15 | 24. 3-332-OPN-1 |
| 25. 3-332-OPN-2 | 26. 3-332-OPN-3 | 27. 3-332-OPN-4 |
| 28. 3-332-OPN-6 | 29. 3-1498-OPN-2 | 30. 3-1498-OPN-4 |
| 31. 3-1498-OPN-7 | 32. 3-1498-OPN-12 | 33. 3-1498-OPN-13 |
| 34. 3-1498-OPN-14 | 35. 3-1498-OPN-16 | 36. 3-2011-OPN-4 |
| 37. 3-2011-OPN-5 | 38. 3-2011-OPN-6 | 39. 3-2011-OPN-9 |

Discharges from equipment exhaust:

- | | | |
|-----------------|-----------------|-----------------|
| 1. 3-132-OPN-10 | 2. 3-132-OPN-15 | 3. 3-1498-OPN-6 |
|-----------------|-----------------|-----------------|

Miscellaneous discharges:

- | | |
|----------------|----------------|
| 1. 3-132-OPN-1 | 2. 3-132-OPN-2 |
|----------------|----------------|

Recommended corrective actions are outlined in Tables 1 through 8 as well as in the above text. Corrective action should be performed as soon as practicable to minimize the chance of unpermitted discharge of pollutants.

TABLE 1: TA 3-123 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
3-123-OPN-1 DAYLIGHT	RD10	ROOF	EXT	NO CHANGE	NO
	RD11	ROOF	EXT	NO CHANGE	
	RD4	ROOF	EXT	NO CHANGE	
	RD5	ROOF	EXT	NO CHANGE	
3-123-OPN-2 SANITARY	1WF3	CORRIDOR	100A	NO CHANGE	NO
	1WF4	CORRIDOR	100F	NO CHANGE	
	2WF4	CORRIDOR	200B	NO CHANGE	
3-123-OPN-3 DAYLIGHT	RD8	ROOF	EXT	NO CHANGE	NO
	RD9	ROOF	EXT	NO CHANGE	
3-123-OPN-4 SANITARY	1LV1	RESTROOM	141	NO CHANGE	NO
	1LV2	RESTROOM	141	NO CHANGE	
	1LV3	RESTROOM	141	NO CHANGE	
	1LV4	RESTROOM	137A	NO CHANGE	
	1LV5	RESTROOM	137A	NO CHANGE	
	1LV6	RESTROOM	137A	NO CHANGE	
	1SD1	JANITOR'S CLOSET	145	LABEL	
	1SD2	BREAK ROOM	142	LABEL	
	1TL1	RESTROOM	141	NO CHANGE	
	1TL2	RESTROOM	141	NO CHANGE	
	1TL3	RESTROOM	141	NO CHANGE	
	1TL4	RESTROOM	137A	NO CHANGE	
	1TL5	RESTROOM	137A	NO CHANGE	
	1TL6	RESTROOM	137A	NO CHANGE	
	1TL7	RESTROOM	137A	NO CHANGE	
	1UR1	RESTROOM	141	NO CHANGE	
	1UR2	RESTROOM	141	NO CHANGE	
	1UR3	RESTROOM	141	NO CHANGE	
	1WF1	CORRIDOR	100H	NO CHANGE	
	1WF2	CORRIDOR	100D	NO CHANGE	
	2LV1	RESTROOM	235	NO CHANGE	
	2LV2	RESTROOM	235	NO CHANGE	
	2LV3	RESTROOM	235	NO CHANGE	
	2LV4	RESTROOM	231	NO CHANGE	
	2LV5	RESTROOM	231	NO CHANGE	
	2LV6	RESTROOM	231	NO CHANGE	
	2SD1	JANITOR'S CLOSET	236	LABEL	
	2SD2	BREAK ROOM	237	LABEL	

TABLE 1: TA 3-123 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
3-123-OPN-4 CONT.	2TL1	RESTROOM	235	NO CHANGE	NO
	2TL2	RESTROOM	235	NO CHANGE	
	2TL3	RESTROOM	235	NO CHANGE	
	2TL4	RESTROOM	231	NO CHANGE	
	2TL5	RESTROOM	231	NO CHANGE	
	2TL6	RESTROOM	231	NO CHANGE	
	2UR1	RESTROOM	235	NO CHANGE	
	2UR2	RESTROOM	235	NO CHANGE	
	2WF1	CORRIDOR	200	NO CHANGE	
	2WF2	CORRIDOR	200C	NO CHANGE	
	2WF3	BREAK ROOM	239	NO CHANGE	
	2WF4	CORRIDOR	200B	NO CHANGE	
	3FD1	MECHANICAL RM.	301	NO CHANGE	
3-123-OPN-5	N/A	OFFICE	136	NOI	NO
3-123-OPN-6 DAYLIGHT	RD1	ROOF	EXT	NO CHANGE	NO
	RD2	ROOF	EXT	NO CHANGE	
	RD6	ROOF	EXT	NO CHANGE	
	RD7	ROOF	EXT	NO CHANGE	

TABLE 2: TA 3-132 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
3-132-OPN-01	N/A	STEAM SYSTEM PR	170R	NO CHANGE	NO
3-132-OPN-02	N/A	HEATING WATER DR	170R	NOI	NO
3-132-OPN-03	N/A	FIRE LINE DRAIN	170R	NOI	NO
3-132-OPN-04	N/A	CONDENSED WATER	170R	NOI	NO
3-132-OPN-05	N/A	CONDENSED WATER	170R	NOI	NO
3-132-OPN-06 DAYLIGHT	RD1	ROOF	EXT	NO CHANGE	NO
	RD2	ROOF	EXT	NO CHANGE	
	RD3	ROOF	EXT	NO CHANGE	
	RD4	ROOF	EXT	NO CHANGE	
3-132-OPN-07	N/A	FIRE LINE DRAIN	123F	NOI	NO
3-132-OPN-08	N/A	FIRE LINE DRAIN	123F	NOI	NO
3-132-OPN-09 DAYLIGHT	1AD1	EXTERIOR	EXT	NO CHANGE	NO
	1AD2	EXTERIOR	EXT	NO CHANGE	
	1AD3	EXTERIOR	EXT	NO CHANGE	
	1AD4	EXTERIOR	EXT	NO CHANGE	
	1AD5	EXTERIOR	EXT	NO CHANGE	
	RD5	ROOF	EXT	NO CHANGE	
	RD6	ROOF	EXT	NO CHANGE	
	RD7	ROOF	EXT	NO CHANGE	
	RD8	ROOF	EXT	NO CHANGE	
	RD9	ROOF	EXT	NO CHANGE	
RD10	ROOF	EXT	NO CHANGE		
3-132-OPN-10	N/A	EQUIP. EXH. VENT	100R	NO CHANGE	NO
3-132-OPN-11	N/A	FIRE LINE DRAIN	100R	NOI	NO
3-132-OPN-12 SANITARY	1FD30	MECHANICAL RM.	170R	NO CHANGE	NO
	1FD31	MECHANICAL RM.	170R	NO CHANGE	
	1FD32	MECHANICAL RM.	170R	NO CHANGE	
	1FD33	MECHANICAL RM.	170R	NO CHANGE	
	1FD34	MECHANICAL RM.	170R	NO CHANGE	
	1FD35	MECHANICAL RM.	170R	NO CHANGE	
	1FD36	MECHANICAL RM.	170R	NO CHANGE	
	1FD37	MECHANICAL RM.	170R	NO CHANGE	
	1FD38	MECHANICAL RM.	170R	NO CHANGE	
	1FD39	MECHANICAL RM.	170R	NO CHANGE	
	1FS2	MECHANICAL RM.	170R	NO CHANGE	
	1FS3	MECHANICAL RM.	170R	NO CHANGE	
	1FS4	MECHANICAL RM.	170R	NO CHANGE	
	1FS5	MECHANICAL RM.	170R	NO CHANGE	
	1LV3	BATHROOM	100M	NO CHANGE	
1LV4	BATHROOM	100M	NO CHANGE		
1LV5	BATHROOM	100L	NO CHANGE		

TABLE 2: TA 3-132 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
3-132-OPN-12 CONT.	1LV6	BATHROOM	100L	NO CHANGE	NO
	1SD3	BREAK AREA	123	NO CHANGE	
	1SD4	JANITOR'S CLOSET	100J	LABEL	
	1SH1	BATHROOM	100M	NO CHANGE	
	1SH2	BATHROOM	100L	NO CHANGE	
	1SLS4	MECHANICAL RM.	100R	NO CHANGE	
	1WF2	CORRIDOR	100W	NO CHANGE	
	1WF3	FITNESS ROOM	150A	NO CHANGE	
	2LV5	RESTROOM	200M	NO CHANGE	
	2LV6	RESTROOM	200M	NO CHANGE	
	2LV7	RESTROOM	200L	NO CHANGE	
	2LV8	RESTROOM	200L	NO CHANGE	
	2SD5	OFFICE	249A	LABEL	
	2SD6	BREAK AREA	213	LABEL	
	2TL5	RESTROOM	200M	NO CHANGE	
	2TL6	RESTROOM	200M	NO CHANGE	
	2TL7	RESTROOM	200M	NO CHANGE	
	2TL8	RESTROOM	200L	NO CHANGE	
	2TL9	RESTROOM	200L	NO CHANGE	
	2UR3	RESTROOM	200M	NO CHANGE	
	2UR4	RESTROOM	200M	NO CHANGE	
	2WF3	COORIDOR	200W	NO CHANGE	
	3LV1	RESTROOM	300M	NO CHANGE	
	3LV2	RESTROOM	300M	NO CHANGE	
	3LV3	RESTROOM	300L	NO CHANGE	
	3LV4	RESTROOM	300L	NO CHANGE	
	3SD1	BREAK ROOM	313	LABEL	
	3TL1	RESTROOM	300M	NO CHANGE	
	3TL2	RESTROOM	300M	NO CHANGE	
	3TL3	RESTROOM	300L	NO CHANGE	
3TL4	RESTROOM	300L	NO CHANGE		
3UR1	RESTROOM	300M	NO CHANGE		
3UR2	RESTROOM	300M	NO CHANGE		
3-132-OPN-13	N/A	FIRE LINE DRAIN	100R	NOI	NO
3-132-OPN-14	N/A	GUTTER DRAIN	N/A	NO CHANGE	NO
3-132-OPN-15	N/A	EQUIP. EXHAUST VEN	158Q	NO CHANGE	NO
3-132-OPN-16	N/A	GUTTER DRAIN	N/A	NO CHANGE	NO
3-132-OPN-17 SANITARY	1FD40	MECHANICAL RM.	150R	NO CHANGE	NO
	1FD41	MECHANICAL RM.	150R	NO CHANGE	
	1FD42	MECHANICAL RM.	150R	NO CHANGE	
	1FD43	MECHANICAL RM.	150R	NO CHANGE	

TABLE 2: TA 3-132 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
3-132-OPN-17 CONT.	1FD44	STORAGE ROOM	158R	PLUG	NO
	1FD45	BATHROOM	150L	NO CHANGE	
	1FD46	BATHROOM	150M	NO CHANGE	
	1FD47	MECHANICAL RM.	150R	NO CHANGE	
	1LV7	BATHROOM	150M	NO CHANGE	
	1LV8	BATHROOM	150M	NO CHANGE	
	1LV9	BATHROOM	150L	NO CHANGE	
	1SH3	BATHROOM	150M	NO CHANGE	
	1SH4	BATHROOM	150M	NO CHANGE	
	1SH5	BATHROOM	150M	NO CHANGE	
	1SH6	BATHROOM	150L	NO CHANGE	
	1SH7	BATHROOM	150L	NO CHANGE	
	1SLS5	MECHANICAL RM.	150R	NO CHANGE	
	1TL7	BATHROOM	150M	NO CHANGE	
	1TL8	BATHROOM	150L	NO CHANGE	
1UR4	BATHROOM	150M	NO CHANGE		
3-132-OPN-18	RD34	ROOF	150R	NO CHANGE	NO
3-132-OPN-19 SANITARY	1EW1	PHOTO CHEM. STOR.	187	CONTAIN	NO
	1FD17	PHOTO CHEM. STOR.	187	PLUG	
	1FD18	PHOTO CHEM. STOR.	187	PLUG	
	1FD19	PHOTO CHEM. STOR.	187	PLUG	
	1FD20	PHOTO CHEM. STOR.	187	PLUG	
	1FD21	PHOTO CHEM. STOR.	187	BERM	
	1FD22	MECHANICAL RM.	160R	MODIFY	
	1FD23	MECHANICAL RM.	160R	NO CHANGE	
	1FD24	MECHANICAL RM.	160R	NO CHANGE	
	1FD25	MECHANICAL RM.	160R	NO CHANGE	
	1FD26	MECHANICAL RM.	160R	NO CHANGE	
	1FD27	MECHANICAL RM.	160R	NO CHANGE	
	1FD28	MECHANICAL RM.	160R	CONTAINERIZE	
	1FD29	MECHANICAL RM.	160R	NO CHANGE	
	1SD2	PHOTO CHEM. STOR.	187	LABEL	
	1SLS3	MECHANICAL RM.	160R	NO CHANGE	
	2FD1	PHOTO-PROCESSING	260A	NO CHANGE	
	2FD2	PHOTO-PROCESSING	260A	NO CHANGE	
2FD3	PHOTO-PROCESSING	260A	NO CHANGE		
2SD3	PHOTO-PROCESSING	260A	LABEL		
2SD4	PHOTO-PROCESSING	260A	LABEL		
3-132-OPN-20	N/A	GUTTER DRAIN	EXT	NO CHANGE	NO

TABLE 2: TA 3-132 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
3-132-OPN-21	RD33	ROOF	EXT	NO CHANGE	NO
3-132-OPN-22 SANITARY	1FD01	MECH. AIR PLENUM	N/A	NO CHANGE	NO
	1FD02	AIR INTAKE RM.	130QC	NO CHANGE	
	1FD03	MECHANICAL RM.	130Q	NO CHANGE	
	1FD04	ELECTRICAL RM.	130QA	NO CHANGE	
	1FD05	MECHANICAL RM.	130Q	CONTAINERIZE	
	1FD06	AIR SUPPLY TRENCH	N/A	NO CHANGE	
	1FD07	MECHANICAL RM.	130Q	NO CHANGE	
	1FD08	MECHANICAL RM.	130Q	NO CHANGE	
	1FD09	MECHANICAL RM.	180PA	NO CHANGE	
	1FD10	MECHANICAL RM.	180P	NO CHANGE	
	1FD11	MECHANICAL RM.	180P	NO CHANGE	
	1FD12	BATTERY STOR. RM.	180PC	PLUG	
	1FD13	MECHANICAL RM.	180P	NO CHANGE	
	1FD14	MECHANICAL RM.	180Q	NO CHANGE	
	1FD15	MECHANICAL RM.	180Q	NO CHANGE	
	1FD16	RESTROOM	180L	NO CHANGE	
	1FS1	MECHANICAL RM.	130Q	NO CHANGE	
	1LV1	RESTROOM	180M	NO CHANGE	
	1LV2	RESTROOM	180L	NO CHANGE	
	1SD1	JANITOR'S CLOSET	180J	LABEL	
	1SLS1	MECHANICAL RM.	130Q	NO CHANGE	
	1SLS2	MECHANICAL RM.	180P	NO CHANGE	
	1TL1	RESTROOM	180M	NO CHANGE	
	1TL2	RESTROOM	180L	NO CHANGE	
	1UR1	RESTROOM	180M	NO CHANGE	
	1WF1	CORRIDOR	180V	NO CHANGE	
	2LV1	RESTROOM	290L	NO CHANGE	
	2LV2	RESTROOM	290L	NO CHANGE	
	2LV3	RESTROOM	290M	NO CHANGE	
	2LV4	RESTROOM	290M	NO CHANGE	
	2SD1	BREAK ROOM	297	LABEL	
	2SD2	BREAK ROOM	288A	LABEL	
2TL1	RESTROOM	290L	NO CHANGE		
2TL2	RESTROOM	290L	NO CHANGE		
2TL3	RESTROOM	290M	NO CHANGE		
2TL4	RESTROOM	290M	NO CHANGE		
2UR1	RESTROOM	290M	NO CHANGE		
2UR2	RESTROOM	290M	NO CHANGE		

TABLE 2: TA 3-132 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
3-132-OPN-22 CONT.	2WF1	BREAK ROOM	297	NO CHANGE	NO
	2WF2	COMPUTER ROOM	280	NO CHANGE	
3-132-OPN-23	N/A	FIRE LINE DRAIN	261A	NOI	NO
3-132-OPN-24	N/A	FIRE LINE DRAIN	261A	NOI	NO
3-132-OPN-25	N/A	FIRE LINE DRAIN	261C	NOI	NO
3-132-OPN-26	N/A	FIRE LINE DRAIN	261E	NOI	NO
3-132-OPN-27	N/A	GUTTER DRAIN	EXT	NO CHANGE	NO
3-132-OPN-28	N/A	GUTTER DRAIN	EXT	NO CHANGE	NO
3-132-OPN-29	N/A	FIRE LINE DRAIN	280C	NOI	NO
3-132-OPN-30	N/A	FIRE LINE DRAIN	280C	NOI	NO
3-132-OPN-31	RD22	ROOF	EXT	NO CHANGE	NO
	RD23	ROOF	EXT	NO CHANGE	
	RD24	ROOF	EXT	NO CHANGE	
	RD25	ROOF	EXT	NO CHANGE	
	RD26	ROOF	EXT	NO CHANGE	
	RD27	ROOF	EXT	NO CHANGE	
	RD28	ROOF	EXT	NO CHANGE	
	RD29	ROOF	EXT	NO CHANGE	
	RD30	ROOF	EXT	NO CHANGE	
	RD31	ROOF	EXT	NO CHANGE	
	RD32	ROOF	EXT	NO CHANGE	
3-132-OPN-32	RD11	ROOF	EXT	NO CHANGE	NO
	RD12	ROOF	EXT	NO CHANGE	
	RD13	ROOF	EXT	NO CHANGE	
	RD14	ROOF	EXT	NO CHANGE	
	RD15	ROOF	EXT	NO CHANGE	
	RD16	ROOF	EXT	NO CHANGE	
	RD17	ROOF	EXT	NO CHANGE	
	RD18	ROOF	EXT	NO CHANGE	
	RD19	ROOF	EXT	NO CHANGE	
	RD20	ROOF	EXT	NO CHANGE	
	RD21	ROOF	EXT	NO CHANGE	
3-132-OPN-33	N/A	FIRE LINE DRAIN	N/A	NOI	NO
3-132-OPN-34	N/A	FIRE LINE DRAIN	290	NOI	NO

TABLE 3: TA 3-200 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
3-200-OPN-01	N/A	MECHANICAL RM.	140	NOI	NO
3-200-OPN-02	N/A	MECHANICAL RM.	140	NOI	NO
3-200-OPN-03 SANITARY	1FD1	MECHANICAL RM.	140	NO CHANGE	NO
	1FD2	MECHANICAL RM.	140	CONTAIN	
	1LV1	RESTROOM	133A	NO CHANGE	
	1LV2	RESTROOM	133A	NO CHANGE	
	1LV3	RESTROOM	131	NO CHANGE	
	1LV4	RESTROOM	131	NO CHANGE	
	1LV5	RESTROOM	131	NO CHANGE	
	1SD1	WORK ROOM	121	NO CHANGE	
	1SD2	JANITOR'S CLOSET	129	LABEL	
	1SD3	BREAK ROOM	150	LABEL	
	1SD4	BREAK ROOM	150	LABEL	
	1TL1	RESTROOM	133A	NO CHANGE	
	1TL2	RESTROOM	133A	NO CHANGE	
	1TL3	RESTROOM	131	NO CHANGE	
	1TL4	RESTROOM	131	NO CHANGE	
	1UR1	RESTROOM	131	NO CHANGE	
	1UR2	RESTROOM	131	NO CHANGE	
	1WF1	CORRIDOR	100D	NO CHANGE	
	1WF2	CORRIDOR	100C	NO CHANGE	
	2SD2	JANITOR'S CLOSET	245	LABEL	
2WF3	CORRIDOR	200E	NO CHANGE		
3-200-OPN-04	RD5	ROOF	EXT	NO CHANGE	NO
3-200-OPN-05	RD9	ROOF	EXT	NO CHANGE	NO
3-200-OPN-06 DAYLIGHT	1AD1	MUSEUM	101	NO CHANGE	NO
	1AD2	MUSEUM	101	NO CHANGE	
	1AD3	MUSEUM	101	NO CHANGE	
	1AD4	MUSEUM	101	NO CHANGE	
	RD4	ROOF	EXT	NO CHANGE	
	RD8	ROOF	EXT	NO CHANGE	
3-200-OPN-07	N/A	STAIRWELL	EXT	NOI	NO
3-200-OPN-08 DAYLIGHT	RD3	ROOF	EXT	NO CHANGE	NO
	RD7	ROOF	EXT	NO CHANGE	
3-200-OPN-09	2AD1	COURTYARD	EXT	NO CHANGE	NO
3-200-OPN-10	RD6	ROOF	EXT	NO CHANGE	NO
3-200-OPN-11	N/A	OFFICE	237A	NOI	NO

TABLE 3: TA 3-200 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
3-200-OPN-12	RD1	ROOF	EXT	NO CHANGE	NO
3-200-OPN-13	RD2	ROOF	EXT	NO CHANGE	NO
3-200-OPN-14 SANITARY	2LV1	RESTROOM	254	NO CHANGE	NO
	2LV2	RESTROOM	254	NO CHANGE	
	2LV3	RESTROOM	254	NO CHANGE	
	2LV4	RESTROOM	250A	NO CHANGE	
	2LV5	RESTROOM	250A	NO CHANGE	
	2SD1	JANITOR'S CLOSET	253	LABEL	
	2TL1	RESTROOM	254	NO CHANGE	
	2TL2	RESTROOM	254	NO CHANGE	
	2TL3	RESTROOM	254	NO CHANGE	
	2TL4	RESTROOM	250A	NO CHANGE	
	2TL5	RESTROOM	250A	NO CHANGE	
	2UR1	RESTROOM	254	NO CHANGE	
	2UR2	RESTROOM	254	NO CHANGE	
	2UR3	RESTROOM	254	NO CHANGE	
2WF1	CORRIDOR	200C	NO CHANGE		
2WF2	CORRIDOR	200D	NO CHANGE		
3-200-OPN-15	RD3	ROOF	EXT	NO CHANGE	NO

TABLE 4: TA3-332 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
3-332-OPN-1	RD1	ROOF	EXT	NO CHANGE	NO
3-332-OPN-2	RD2	ROOF	EXT	NO CHANGE	NO
3-332-OPN-3	RD3	ROOF	EXT	NO CHANGE	NO
3-332-OPN-4	RD4	ROOF	EXT	NO CHANGE	NO
3-332-OPN-5	N/A	CONDENS. WATER	109	NOI	NO
3-332-OPN-6	RD5	ROOF	EXT	NO CHANGE	NO
3-332-OPN-7	N/A	CONDENS. WATER	110B	NOI	NO

TABLE 5: TA 3-1498 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
3-1498-OPN-01 SANITARY	1FD41	BATTERY STOR.	182B	PLUG	NO
	1FD42	BATTERY STOR.	182B	PLUG	
	1FD43	BATTERY STOR.	182B	PLUG	
	1FD44	BATHROOM	198	NO CHANGE	
	1FD45	BATHROOM	198	NO CHANGE	
	1FD46	BATHROOM	198	NO CHANGE	
	1FD47	JANITOR'S CLOSET	192	NO CHANGE	
	1FD48	BATHROOM	194	NO CHANGE	
	1FD49	BATHROOM	194	NO CHANGE	
	1FD50	BATHROOM	194	NO CHANGE	
	1FD51	RESTROOM	166	NO CHANGE	
	1FD52	RESTROOM	164	NO CHANGE	
	1FD59	BATTERY STOR.	182B	PLUG/CONTAIN	
	1LV1	RESTROOM	166	NO CHANGE	
	1LV2	RESTROOM	166	NO CHANGE	
	1LV3	RESTROOM	164	NO CHANGE	
	1LV4	RESTROOM	164	NO CHANGE	
	1LV5	BATHROOM	198	NO CHANGE	
	1LV6	BATHROOM	198	NO CHANGE	
	1LV7	BATHROOM	198	NO CHANGE	
	1LV8	BATHROOM	194	NO CHANGE	
	1SD1	JANITOR'S CLOSET	163	LABEL	
	1SD2	JANITOR'S CLOSET	192	LABEL	
	1SD3	BREAK ROOM	137	LABEL	
	1SD4	BATTERY STOR.	182B	REMOVE	
	1SH1	BATHROOM	198	NO CHANGE	
	1SH2	BATHROOM	198	NO CHANGE	
	1SH3	BATHROOM	194	NO CHANGE	
	1SH4	BATHROOM	194	NO CHANGE	
	1TL1	RESTROOM	166	NO CHANGE	
	1TL2	RESTROOM	164	NO CHANGE	
	1TL3	RESTROOM	164	NO CHANGE	
	1TL4	BATHROOM	198	NO CHANGE	
	1TL5	BATHROOM	198	NO CHANGE	
1TL6	BATHROOM	198	NO CHANGE		
1TL7	BATHROOM	194	NO CHANGE		
1TL8	BATHROOM	194	NO CHANGE		

TABLE 5: TA 3-1498 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
3-1498-OPN-01 CONT. SANITARY	1UR1	RESTROOM	166	NO CHANGE	NO
	1UR2	BATHROOM	194	NO CHANGE	
	1UR3	BATHROOM	194	NO CHANGE	
	1WF1	CORRIDOR	100E	NO CHANGE	
	1WF2	CORRIDOR	100E	NO CHANGE	
	1WF3	CORRIDOR	100A	NO CHANGE	
	1WF4	CORRIDOR	100A	NO CHANGE	
	2FD01	RESTROOM	256	NO CHANGE	
	2FD02	RESTROOM	254	NO CHANGE	
	2FD07	JANITOR'S CLOSET	264	NO CHANGE	
	2FD08	BATHROOM	262	NO CHANGE	
	2FD09	BATHROOM	262	NO CHANGE	
	2FD10	BATHROOM	262	NO CHANGE	
	2FD11	BATHROOM	266	NO CHANGE	
	2FD12	BATHROOM	266	NO CHANGE	
	2FD13	BATHROOM	266	NO CHANGE	
	2LV1	RESTROOM	256	NO CHANGE	
	2LV2	RESTROOM	256	NO CHANGE	
	2LV3	RESTROOM	254	NO CHANGE	
	2LV4	RESTROOM	254	NO CHANGE	
	2LV5	BATHROOM	262	NO CHANGE	
	2LV6	BATHROOM	262	NO CHANGE	
	2LV7	BATHROOM	262	NO CHANGE	
	2LV8	BATHROOM	266	NO CHANGE	
	2LV9	BATHROOM	266	NO CHANGE	
	2SD1	JANITOR'S CLOSET	255	LABEL	
	2SD3	JANITOR'S CLOSET	264	LABEL	
	2SH1	BATHROOM	262	NO CHANGE	
	2SH2	BATHROOM	262	NO CHANGE	
	2SH3	BATHROOM	266	NO CHANGE	
	2SH4	BATHROOM	266	NO CHANGE	
	2TL1	RESTROOM	256	NO CHANGE	
	2TL2	RESTROOM	254	NO CHANGE	
	2TL3	RESTROOM	254	NO CHANGE	
2TL4	BATHROOM	262	NO CHANGE		
2TL5	BATHROOM	262	NO CHANGE		
2TL6	BATHROOM	262	NO CHANGE		

TABLE 5: TA 3-1498 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
3-1498-OPN-01 CONT. SANITARY	2TL7	BATHROOM	266	NO CHANGE	NO
	2TL8	BATHROOM	266	NO CHANGE	
	2UR2	BATHROOM	266	NO CHANGE	
	2UR3	BATHROOM	266	NO CHANGE	
	3FD01	RESTROOM	348	NO CHANGE	
	3FD02	RESTROOM	346	NO CHANGE	
	3FD05	JANITOR'S CLOSET	394	NO CHANGE	
	3FD06	BATHROOM	397	NO CHANGE	
	3FD07	BATHROOM	397	NO CHANGE	
	3FD08	BATHROOM	397	NO CHANGE	
	3FD09	BATHROOM	399	NO CHANGE	
	3FD10	BATHROOM	399	NO CHANGE	
	3FD11	BATHROOM	399	NO CHANGE	
	3LV1	RESTROOM	348	NO CHANGE	
	3LV2	RESTROOM	348	NO CHANGE	
	3LV3	RESTROOM	346	NO CHANGE	
	3LV4	RESTROOM	346	NO CHANGE	
	3LV5	BATHROOM	397	NO CHANGE	
	3LV6	BATHROOM	397	NO CHANGE	
	3LV7	BATHROOM	397	NO CHANGE	
	3LV8	BATHROOM	399	NO CHANGE	
	3LV9	BATHROOM	399	NO CHANGE	
	3SD1	BREAK ROOM	340	LABEL	
	3SD2	JANITOR'S CLOSET	342	LABEL	
	3SD3	JANITOR'S CLOSET	394	LABEL	
	3SD4	BREAK ROOM	301	LABEL	
	3SH1	BATHROOM	397	NO CHANGE	
	3SH2	BATHROOM	397	NO CHANGE	
	3SH3	BATHROOM	399	NO CHANGE	
	3SH4	BATHROOM	399	NO CHANGE	
	3TL1	RESTROOM	348	NO CHANGE	
	3TL2	RESTROOM	346	NO CHANGE	
	3TL3	RESTROOM	346	NO CHANGE	
	3TL4	BATHROOM	397	NO CHANGE	
	3TL5	BATHROOM	397	NO CHANGE	
3TL6	BATHROOM	397	NO CHANGE		
3TL7	BATHROOM	399	NO CHANGE		

TABLE 5: TA 3-1498 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
3-1498-OPN-01 CONT. SANITARY	3TL8	BATHROOM	399	NO CHANGE	NO
	3UR1	RESTROOM	348	NO CHANGE	
	3UR2	BATHROOM	399	NO CHANGE	
	3UR3	BATHROOM	399	NO CHANGE	
	3WF1	CORRIDOR	300E	NO CHANGE	
	3WF3	CORRIDOR	300A	NO CHANGE	
	3WF4	CORRIDOR	300A	NO CHANGE	
3-1498-OPN-02 DAYLIGHT	OD34	ROOF	EXT	NO CHANGE	NO
	OD35	ROOF	EXT	NO CHANGE	
3-1498-OPN-03	N/A	FIRE LINE DRAIN	100J	NOI	NO
3-1498-OPN-04 DAYLIGHT	OD19	ROOF	EXT	NO CHANGE	NO
	OD24	ROOF	EXT	NO CHANGE	
	OD29	ROOF	EXT	NO CHANGE	
	OD30	ROOF	EXT	NO CHANGE	
	OD31	ROOF	EXT	NO CHANGE	
	OD32	ROOF	EXT	NO CHANGE	
3-1498-OPN-05	N/A	FIRE LINE DRAIN	182B	NOI	NO
3-1498-OPN-06	N/A	EQUIP. EXH. VENT	189A	NO CHANGE	NO
3-1498-OPN-07 DAYLIGHT	OD11	ROOF	EXT	NO CHANGE	NO
	OD12	ROOF	EXT	NO CHANGE	
	OD17	ROOF	EXT	NO CHANGE	
3-1498-OPN-08	N/A	FIRE LINE DRAIN	189	NOI	NO
3-1498-OPN-09	N/A	CONDENSED WATER	189	NOI	NO
3-1498-OPN-10	N/A	FIRE LINE DRAIN	189	NOI	NO
3-1498-OPN-11	N/A	WATER PAN DRAIN	N/A	NOI	NO
3-1498-OPN-12 DAYLIGHT	OD1	ROOF	EXT	NO CHANGE	NO
	OD2	ROOF	EXT	NO CHANGE	
	OD3	ROOF	EXT	NO CHANGE	
	OD4	ROOF	EXT	NO CHANGE	
	OD8	ROOF	EXT	NO CHANGE	
3-1498-OPN-13 DAYLIGHT	OD10	ROOF	EXT	NO CHANGE	NO
	OD5	ROOF	EXT	NO CHANGE	
	OD6	ROOF	EXT	NO CHANGE	
	OD7	ROOF	EXT	NO CHANGE	
3-1498-OPN-14 DAYLIGHT	OD13	ROOF	EXT	NO CHANGE	NO
	OD14	ROOF	EXT	NO CHANGE	
	OD15	ROOF	EXT	NO CHANGE	

TABLE 5: TA 3-1498 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
3-1498-OPN-14 CONT.	OD16	ROOF	EXT	NO CHANGE	NO
	OD20	ROOF	EXT	NO CHANGE	
	OD22	ROOF	EXT	NO CHANGE	
3-1498-OPN-15 (03A-148)	1FD01	MECHANICAL RM.	189	PIPE TO S.S.	NO
	1FD02	MECHANICAL RM.	189	TO S.S./CONTAI	
	1FD03	MECHANICAL RM.	189	PIPE TO S.S.	
	1FD04	MECHANICAL RM.	189	PIPE TO S.S.	
	1FD05	MECHANICAL RM.	189	PIPE TO S.S.	
	1FD06	MECHANICAL RM.	189	PIPE TO S.S.	
	1FD07	MECHANICAL RM.	189	PIPE TO S.S.	
	1FD08	MECHANICAL RM.	189	PIPE TO S.S.	
	1FD09	MECHANICAL RM.	189	PIPE TO S.S.	
	1FD10	MECHANICAL RM.	189	PIPE TO S.S.	
	1FD11	MECHANICAL RM.	189	PIPE TO S.S.	
	1FD12	MECHANICAL RM.	189	PIPE TO S.S.	
	1FD13	MECHANICAL RM.	189	PIPE TO S.S.	
	1FD14	MECHANICAL RM.	189	PIPE TO S.S.	
	1FD15	MECHANICAL RM.	189	PIPE TO S.S.	
	1FD16	MECHANICAL RM.	189	PIPE TO S.S.	
	1FD17	MECHANICAL RM.	189	PIPE TO S.S.	
	1FD18	MECHANICAL RM.	189	PIPE TO S.S.	
	1FD19	MECHANICAL RM.	189	PIPE TO S.S.	
	1FD20	MECHANICAL RM.	189	PIPE TO S.S.	
	1FD21	MECHANICAL RM.	189	PIPE TO S.S.	
	1FD22	MECHANICAL RM.	189	PIPE TO S.S.	
	1FD23	MECHANICAL RM.	189	PIPE TO S.S.	
	1FD24	MECHANICAL RM.	189	PIPE TO S.S.	
	1FD53	COMPUTER RM.	105	PIPE TO S.S.	
	1FD54	COMPUTER RM.	105	PIPE TO S.S.	
	1FD55	CORRIDOR	100H	PIPE TO S.S.	
	1FD56	COMPUTER RM.	105	PIPE TO S.S.	
	1FD57	OFFICE	127	PIPE TO S.S.	
	1FD58	COMPUTER RM.	105A	PIPE TO S.S.	
1SP1	CABLE TUNNEL	105	PIPE TO S.S.		
1SP2	CABLE TUNNEL	105	PIPE TO S.S.		
1SP3	ELEV. SHAFT	188	PIPE TO S.S.		

TABLE 5: TA 3-1498 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
3-1498-OPN-15 CONT.	1SP4	ELEV. SHAFT	198	PIPE TO S.S.	NO
	2FD3	COMPUTER RM.	205	PIPE TO S.S.	
	2FD4	COMPUTER RM.	205	PIPE TO S.S.	
	2FD5	COMPUTER RM.	205	PIPE TO S.S.	
	2FD6	COMPUTER RM.	205	PIPE TO S.S.	
	3FD3	COMPUTER RM.	341	PIPE TO S.S.	
	3FD4	COMPUTER RM.	341	PIPE TO S.S.	
	RD02	ROOF	EXT	NO CHANGE	
	RD03	ROOF	EXT	NO CHANGE	
	RD04	ROOF	EXT	NO CHANGE	
	RD05	ROOF	EXT	NO CHANGE	
	RD06	ROOF	EXT	NO CHANGE	
	RD07	ROOF	EXT	NO CHANGE	
	RD08	ROOF	EXT	NO CHANGE	
	RD09	ROOF	EXT	NO CHANGE	
	RD10	ROOF	EXT	NO CHANGE	
	RD11	ROOF	EXT	NO CHANGE	
	RD12	ROOF	EXT	NO CHANGE	
	RD13	ROOF	EXT	NO CHANGE	
	RD14	ROOF	EXT	NO CHANGE	
	RD15	ROOF	EXT	NO CHANGE	
	RD16	ROOF	EXT	NO CHANGE	
	RD17	ROOF	EXT	NO CHANGE	
	RD18	ROOF	EXT	NO CHANGE	
	RD23	ROOF	EXT	NO CHANGE	
	RD24	ROOF	EXT	NO CHANGE	
	RD25	ROOF	EXT	NO CHANGE	
	RD26	ROOF	EXT	NO CHANGE	
	RD27	ROOF	EXT	NO CHANGE	
	RD28	ROOF	EXT	NO CHANGE	
	RD29	ROOF	EXT	NO CHANGE	
	RD30	ROOF	EXT	NO CHANGE	
	RD31	ROOF	EXT	NO CHANGE	
	RD32	ROOF	EXT	NO CHANGE	
RD33	ROOF	EXT	NO CHANGE		
RD34	ROOF	EXT	NO CHANGE		

TABLE 5: TA 3-1498 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
3-1498-OPN-15	RD35	ROOF	EXT	NO CHANGE	NO
3-1498-OPN-16 DAYLIGHT	OD23	ROOF	EXT	NO CHANGE	NO
	OD25	ROOF	EXT	NO CHANGE	
	OD26	ROOF	EXT	NO CHANGE	
	OD27	ROOF	EXT	NO CHANGE	
	OD28	ROOF	EXT	NO CHANGE	
	OD33	ROOF	EXT	NO CHANGE	
3-1498-OPN-17 INTERNAL HOLDING TANK	1FD25	ELEC. SUBSTATION	191	NO CHANGE	NO
	1FD26	ELEC. SUBSTATION	191	NO CHANGE	
	1FD27	ELEC. SUBSTATION	191	NO CHANGE	
	1FD28	ELEC. SUBSTATION	191	NO CHANGE	
	1FD29	ELEC. SUBSTATION	191	NO CHANGE	
	1FD30	ELEC. SUBSTATION	191	NO CHANGE	
	1FD31	ELEC. SUBSTATION	191	NO CHANGE	
	1FD32	ELEC. SUBSTATION	191	NO CHANGE	
	1FD33	ELEC. SUBSTATION	191	NO CHANGE	
	1FD34	ELEC. SUBSTATION	191	NO CHANGE	
	1FD35	ELEC. SUBSTATION	191	NO CHANGE	
	1FD36	ELEC. SUBSTATION	191	NO CHANGE	
	1FD37	ELEC. SUBSTATION	191	NO CHANGE	
	1FD38	ELEC. SUBSTATION	191	NO CHANGE	
	1FD39	ELEC. SUBSTATION	191	NO CHANGE	
1FD40	ELEC. SUBSTATION	191	NO CHANGE		

TABLE 6: TA 3-1806 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
3-1806-OPN-1 SANITARY	1LV1	RESTROOM	101	NO CHANGE	NO
	1TL1	RESTROOM	101	NO CHANGE	
	1WF1	GUARD ROOM	100	NO CHANGE	
3-1806-OPN-2	N/A	CONDENS. WATER	101	NOI	NO

TABLE 7: TA3-1837 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
3-1837-OPN-1 03A148 VIA 3-1498-OPN-15	N/A	COOLING TOWER	N/A	PERMIT	YES

TABLE 8: TA3-2011 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
3-2011-OPN-1 SANITARY	1FS1	MECHANICAL RM.	110	NO CHANGE	NO
	1FS2	MECHANICAL RM.	110	NO CHANGE	
	1FS3	MECHANICAL RM.	110	NO CHANGE	
	1FS4	COMPUTER RM.	105	NO CHANGE	
	1SP1	COMPUTER RM.	105	NO CHANGE	
	1WF1	COMPUTER RM.	105	NO CHANGE	
	2FD1	BATHROOM	216	NO CHANGE	
	2FD2	BATHROOM	217	NO CHANGE	
	2FD3	OFFICE AREA	205	NO CHANGE	
	2LV1	BATHROOM	216	NO CHANGE	
	2LV2	BATHROOM	216	NO CHANGE	
	2LV3	BATHROOM	217	NO CHANGE	
	2LV4	BATHROOM	217	NO CHANGE	
	2SD1	BREAK AREA	222	LABEL	
	2SD2	JANITOR'S CLOSET	215	LABEL	
	2SH1	BATHROOM	216	NO CHANGE	
	2SH2	BATHROOM	216	NO CHANGE	
	2SH3	BATHROOM	217	NO CHANGE	
	2TL1	BATHROOM	216	NO CHANGE	
	2TL2	BATHROOM	216	NO CHANGE	
	2TL3	BATHROOM	217	NO CHANGE	
	2TL4	BATHROOM	217	NO CHANGE	
2UR1	BATHROOM	217	NO CHANGE		
2WF1	CORRIDOR	211	NO CHANGE		
3-2011-OPN-2	N/A	FIRE LINE DRAIN	110	NOI	NO
3-2011-OPN-3	N/A	FIRE LINE DRAIN	110	NOI	NO
3-2011-OPN-4	RD2	ROOF	EXT	NO CHANGE	NO
3-2011-OPN-5	RD2	ROOF	EXT	NO CHANGE	NO

TABLE 8: TA3-2011 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
3-2011-OPN-6 DAYLIGHT	DD1	BALCONY	EXT	NO CHANGE	NO
	RD3	ROOF	EXT	NO CHANGE	
3-2011-OPN-7	N/A	FIRE LINE DRAIN	105	NOI	NO
3-2011-OPN-8	N/A	FIRE LINE DRAIN	105	NOI	NO
3-2011-OPN-9	RD1	ROOF	EXT	NO CHANGE	NO

TABLE 9
NON-DRAIN RECOMMENDATIONS

TECHNICAL AREA	BUILDING NUMBER	ROOM OR LOCATION	RECOMMENDATION
3	132	150R/170R/160R/ 130QA/180Q	PROVIDE SECONDARY CONTAINMENT AT BATTERY RACKS
3	132	150R/170R/160R	CONTAINERIZE AIR COMPRESSOR DISCHARGE
3	132	260A	PLUG DRAINS FROM PHOTO PROCESSING SECONDARY CONTAINMENT BERMS
3	132	130Q	REPAIR PUMP LEAK PROVIDE SECONDARY CONTAINMENT
3	1498	182B	PROVIDE SECONDARY CONTAINMENT FOR BATTERIES
3	1498	189	REROUTE COOLING TOWER BLOWDOWN TO SEPARATE OUTFALL RELOCATE PERMIT 03A148

TABLE 10
SUMMARY OF ABBREVIATION

ABBREVIATION	MEANING
AD	Area Storm Drain
DD	Deck Drain
EW	Emergency Eye Wash
FD	Floor Drain
FS	Floor Sink
LV	Lavatory
MH	Manhole
OD	Roof Overflow Drain
RD	Roof Drain
--- SD ---	Storm Drain Pipe
SD	Sink
SH	Shower
SLS	Sewage Lift Station
--- SS ---	Sanitary Sewer Pipe
TL	Toilet
UR	Urinal
WF	Water Fountain
WH	Water Heater

REPORT # 51

TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
3	123	3-123-OPN-1	DAYLIGHT	RD10	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	123	3-123-OPN-1	DAYLIGHT	RD11	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	123	3-123-OPN-1	DAYLIGHT	RD4	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	123	3-123-OPN-1	DAYLIGHT	RD5	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	123	3-123-OPN-2	01S/SWSC	1WF3	100A	CORRIDOR		5 DAYS PER WEEK	No	WATER FOUNTAIN
3	123	3-123-OPN-2	01S/SWSC	1WF4	100F	CORRIDOR		5 DAYS PER WEEK	No	WATER FOUNTAIN
3	123	3-123-OPN-2	01S/SWSC	2WF4	200B	CORRIDOR		5 DAYS PER WEEK	No	WATER FOUNTAIN
3	123	3-123-OPN-3	DAYLIGHT	RD8	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	123	3-123-OPN-3	DAYLIGHT	RD9	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	123	3-123-OPN-4	01S/SWSC	1LV1	141	RESTROOM		5 DAYS PER WEEK	No	LAVATORY
3	123	3-123-OPN-4	01S/SWSC	1LV2	141	RESTROOM		5 DAYS PER WEEK	No	LAVATORY
3	123	3-123-OPN-4	01S/SWSC	1LV3	141	RESTROOM		5 DAYS PER WEEK	No	LAVATORY
3	123	3-123-OPN-4	01S/SWSC	1LV4	137A	RESTROOM		5 DAYS PER WEEK	No	LAVATORY
3	123	3-123-OPN-4	01S/SWSC	1LV5	137A	RESTROOM		5 DAYS PER WEEK	No	LAVATORY
3	123	3-123-OPN-4	01S/SWSC	1LV6	137A	RESTROOM		5 DAYS PER WEEK	No	LAVATORY
3	123	3-123-OPN-4	01S/SWSC	1SD1	145	JANITOR'S CLOSET		5 DAYS PER WEEK	No	MOP SINK
3	123	3-123-OPN-4	01S/SWSC	1SD2	142	BREAK ROOM		5 DAYS PER WEEK	No	DISH WASHING
3	123	3-123-OPN-4	01S/SWSC	1TL1	141	RESTROOM		5 DAYS PER WEEK	No	TOILET
3	123	3-123-OPN-4	01S/SWSC	1TL2	141	RESTROOM		5 DAYS PER WEEK	No	TOILET
3	123	3-123-OPN-4	01S/SWSC	1TL3	141	RESTROOM		5 DAYS PER WEEK	No	TOILET
3	123	3-123-OPN-4	01S/SWSC	1TL4	137A	RESTROOM		5 DAYS PER WEEK	No	TOILET
3	123	3-123-OPN-4	01S/SWSC	1TL5	137A	RESTROOM		5 DAYS PER WEEK	No	TOILET
3	123	3-123-OPN-4	01S/SWSC	1TL6	137A	RESTROOM		5 DAYS PER WEEK	No	TOILET
3	123	3-123-OPN-4	01S/SWSC	1TL7	137A	RESTROOM		5 DAYS PER WEEK	No	TOILET
3	123	3-123-OPN-4	01S/SWSC	1UR1	141	RESTROOM		5 DAYS PER WEEK	No	URINAL
3	123	3-123-OPN-4	01S/SWSC	1UR2	141	RESTROOM		5 DAYS PER WEEK	No	URINAL
3	123	3-123-OPN-4	01S/SWSC	1UR3	141	RESTROOM		5 DAYS PER WEEK	No	URINAL
3	123	3-123-OPN-4	01S/SWSC	1WF1	100H	CORRIDOR		5 DAYS PER WEEK	No	WATER FOUNTAIN
3	123	3-123-OPN-4	01S/SWSC	1WF2	100D	CORRIDOR		5 DAYS PER WEEK	No	WATER FOUNTAIN
3	123	3-123-OPN-4	01S/SWSC	2LV1	235	RESTROOM		5 DAYS PER WEEK	No	LAVATORY
3	123	3-123-OPN-4	01S/SWSC	2LV2	235	RESTROOM		5 DAYS PER WEEK	No	LAVATORY
3	123	3-123-OPN-4	01S/SWSC	2LV3	235	RESTROOM		5 DAYS PER WEEK	No	LAVATORY
3	123	3-123-OPN-4	01S/SWSC	2LV4	231	RESTROOM		5 DAYS PER WEEK	No	LAVATORY

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
3	123	3-123-OPN-4	01S/SWSC	2LV5	231	RESTROOM		5 DAYS PER WEEK	No	LAVATORY
3	123	3-123-OPN-4	01S/SWSC	2LV6	231	RESTROOM		5 DAYS PER WEEK	No	LAVATORY
3	123	3-123-OPN-4	01S/SWSC	2SD1	236	JANITOR'S CLOSET		5 DAYS PER WEEK	No	MOP SINK
3	123	3-123-OPN-4	01S/SWSC	2SD2	237	BREAK ROOM		5 DAYS PER WEEK	No	DISH WASHING
3	123	3-123-OPN-4	01S/SWSC	2TL1	235	RESTROOM		5 DAYS PER WEEK	No	TOILET
3	123	3-123-OPN-4	01S/SWSC	2TL2	235	RESTROOM		5 DAYS PER WEEK	No	TOILET
3	123	3-123-OPN-4	01S/SWSC	2TL3	235	RESTROOM		5 DAYS PER WEEK	No	TOILET
3	123	3-123-OPN-4	01S/SWSC	2TL4	231	RESTROOM		5 DAYS PER WEEK	No	TOILET
3	123	3-123-OPN-4	01S/SWSC	2TL5	231	RESTROOM		5 DAYS PER WEEK	No	TOILET
3	123	3-123-OPN-4	01S/SWSC	2TL6	231	RESTROOM		5 DAYS PER WEEK	No	TOILET
3	123	3-123-OPN-4	01S/SWSC	2UR1	235	RESTROOM		5 DAYS PER WEEK	No	URINAL
3	123	3-123-OPN-4	01S/SWSC	2UR2	235	RESTROOM		5 DAYS PER WEEK	No	URINAL
3	123	3-123-OPN-4	01S/SWSC	2WF1	200	CORRIDOR		5 DAYS PER WEEK	No	WATER FOUNTAIN
3	123	3-123-OPN-4	01S/SWSC	2WF2	200C	CORRIDOR		5 DAYS PER WEEK	No	WATER FOUNTAIN
3	123	3-123-OPN-4	01S/SWSC	2WF3	239	BREAK ROOM		5 DAYS PER WEEK	No	WATER FOUNTAIN
3	123	3-123-OPN-4	01S/SWSC	2WF4	200B	CORRIDOR		5 DAYS PER WEEK	No	WATER FOUNTAIN
3	123	3-123-OPN-4	01S/SWSC	3FD1	301	MECHANICAL ROOM		FLOW IS NIL	No	WATER PRESSURE RELIEF VALVE
3	123	3-123-OPN-5	DAYLIGHT	N/A	136	OFFICE		ANNUAL TESTING	No	FIRE SYSTEM DRAIN
3	123	3-123-OPN-6	DAYLIGHT	RD1	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	123	3-123-OPN-6	DAYLIGHT	RD2	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	123	3-123-OPN-6	DAYLIGHT	RD6	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	123	3-123-OPN-6	DAYLIGHT	RD7	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	132	3-032-OPN-06	DAYLIGHT	RD4	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	132	3-132-OPN-01	DAYLIGHT	N/A	170R	MECHANICAL ROOM		FLOW IS NIL	No	STEAM SYSTEM PRV
3	132	3-132-OPN-02	DAYLIGHT	N/A	170R	MECHANICAL ROOM		FLOW IS NIL	No	WATER HEATER DRAIN
3	132	3-132-OPN-03	DAYLIGHT	N/A	170R	MECHANICAL ROOM		ANNUAL TESTING	No	FIRE SYSTEM DRAIN
3	132	3-132-OPN-04	DAYLIGHT	N/A	170R	MECHANICAL ROOM		FLOW IS NIL	No	EQUIP. CONDENSATE DRAIN
3	132	3-132-OPN-05	DAYLIGHT	N/A	170R	MECHANICAL ROOM		FLOW IS NIL	No	EQUIP. CONDENSATE DRAIN
3	132	3-132-OPN-06	DAYLIGHT	RD1	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	132	3-132-OPN-06	DAYLIGHT	RD2	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	132	3-132-OPN-06	DAYLIGHT	RD3	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	132	3-132-OPN-07	DAYLIGHT	N/A	123F	OFFICE		ANNUAL TESTING	No	FIRE SYSTEM DRAIN
3	132	3-132-OPN-08	DAYLIGHT	N/A	123F	STAIRWELL		ANNUAL TESTING	No	FIRE SYSTEM DRAIN

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES	
3	132	3-132-OPN-09	DAYLIGHT	1AD1	N/A	EXTERIOR			MOSTLY SUMMER	Yes	STORM WATER
3	132	3-132-OPN-09	DAYLIGHT	1AD2	N/A	EXTERIOR			MOSTLY SUMMER	Yes	STORM WATER
3	132	3-132-OPN-09	DAYLIGHT	1AD3	N/A	EXTERIOR			MOSTLY SUMMER	Yes	STORM WATER
3	132	3-132-OPN-09	DAYLIGHT	1AD4	N/A	EXTERIOR			MOSTLY SUMMER	Yes	STORM WATER
3	132	3-132-OPN-09	DAYLIGHT	1AD5	N/A	EXTERIOR			MOSTLY SUMMER	Yes	STORM WATER
3	132	3-132-OPN-09	DAYLIGHT	RD05	N/A	ROOF			MOSTLY SUMMER	Yes	STORM WATER
3	132	3-132-OPN-09	DAYLIGHT	RD06	N/A	ROOF			MOSTLY SUMMER	Yes	STORM WATER
3	132	3-132-OPN-09	DAYLIGHT	RD07	N/A	ROOF			MOSTLY SUMMER	Yes	STORM WATER
3	132	3-132-OPN-09	DAYLIGHT	RD08	N/A	ROOF			MOSTLY SUMMER	Yes	STORM WATER
3	132	3-132-OPN-09	DAYLIGHT	RD09	N/A	ROOF			MOSTLY SUMMER	Yes	STORM WATER
3	132	3-132-OPN-09	DAYLIGHT	RD10	N/A	ROOF			MOSTLY SUMMER	Yes	STORM WATER
3	132	3-132-OPN-10	ATMOSPHERE	N/A	100R	MECHANICAL ROOM			FLOW IS NIL	No	CHILLER EXHAUST
3	132	3-132-OPN-11	DAYLIGHT	N/A	100R	MECHANICAL ROOM			ANNUAL TESTING	No	FIRE SYSTEM DRAIN
3	132	3-132-OPN-12	01S/SWSC	1FD30	170R	MECHANICAL ROOM			FLOW IS NIL	No	COOLING COIL CONDENSED WATER
3	132	3-132-OPN-12	01S/SWSC	1FD31	170R	MECHANICAL ROOM			FLOW IS NIL	No	STEAM CONDENSATE/MAKE-UP WATER
3	132	3-132-OPN-12	01S/SWSC	1FD32	170R	MECHANICAL ROOM			FLOW IS NIL	No	HEATING SUPPLY WATER
3	132	3-132-OPN-12	01S/SWSC	1FD33	170R	MECHANICAL ROOM			FLOW IS NIL	No	BFP/PRESS RELIEF VALVE
3	132	3-132-OPN-12	01S/SWSC	1FD34	170R	MECHANICAL ROOM			FLOW IS NIL	No	INDIRECT FROM SHOWER
3	132	3-132-OPN-12	01S/SWSC	1FD35	170R	MECHANICAL ROOM			FLOW IS NIL	No	INDIRECT FROM SHOWER
3	132	3-132-OPN-12	01S/SWSC	1FD36	170R	MECHANICAL ROOM			FLOW IS NIL	No	CONDENSED WATER
3	132	3-132-OPN-12	01S/SWSC	1FD37	170R	MECHANICAL ROOM			FLOW IS NIL	No	NO DIRECT FLOW
3	132	3-132-OPN-12	01S/SWSC	1FD38	170R	MECHANICAL ROOM			FLOW IS NIL	No	HTG/CLG WATER/PRV
3	132	3-132-OPN-12	01S/SWSC	1FD39	170R	MECHANICAL ROOM			5 DAYS PER WEEK	No	INDIRECTLY FROM WATER FOUNTAIN
3	132	3-132-OPN-12	01S/SWSC	1FS2	170R	MECHANICAL ROOM			ANNUAL TESTING	No	FIRE SYSTEM DRAINS (2)
3	132	3-132-OPN-12	01S/SWSC	1FS3	170R	MECHANICAL ROOM			ANNUAL TESTING	No	FIRE SYSTEM DRAIN
3	132	3-132-OPN-12	01S/SWSC	1FS4	170R	MECHANICAL ROOM			NO FLOW	No	FLOOR WASHINGS
3	132	3-132-OPN-12	01S/SWSC	1FS5	170R	MECHANICAL ROOM			NO FLOW	No	FLOOR WASHINGS
3	132	3-132-OPN-12	01S/SWSC	1LV3	100M	BATHROOM			5 DAYS PER WEEK	No	LAVATORY
3	132	3-132-OPN-12	01S/SWSC	1LV4	100M	BATHROOM			5 DAYS PER WEEK	No	LAVATORY
3	132	3-132-OPN-12	01S/SWSC	1LV5	100L	BATHROOM			5 DAYS PER WEEK	No	LAVATORY
3	132	3-132-OPN-12	01S/SWSC	1LV6	100L	BATHROOM			5 DAYS PER WEEK	No	LAVATORY
3	132	3-132-OPN-12	01S/SWSC	1SD3	123	BREAK AREA			5 DAYS PER WEEK	No	DISH WASHING
3	132	3-132-OPN-12	01S/SWSC	1SD4	100J	JANITOR'S CLOSET			5 DAYS PER WEEK	No	MOP SINK

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
3	132	3-132-OPN-12	01S/SWSC	1SH1	100M	BATHROOM		5 DAYS PER WEEK	No	SHOWER
3	132	3-132-OPN-12	01S/SWSC	1SH2	100L	BATHROOM		5 DAYS PER WEEK	No	SHOWER
3	132	3-132-OPN-12	01S/SWSC	1SLS4	100R	MECHANICAL ROOM		7 DAYS PER WEEK	No	SANITARY SEWAGE
3	132	3-132-OPN-12	01S/SWSC	1WF2	100W	CORRIDOR		5 DAYS PER WEEK	No	WATER FOUNTAIN
3	132	3-132-OPN-12	01S/SWSC	1WF3	150A	FITNESS ROOM		5 DAYS PER WEEK	No	WATER FOUNTAIN
3	132	3-132-OPN-12	01S/SWSC	2LV5	200M	RESTROOM		5 DAYS PER WEEK	No	LAVATORY
3	132	3-132-OPN-12	01S/SWSC	2LV6	200M	RESTROOM		5 DAYS PER WEEK	No	LAVATORY
3	132	3-132-OPN-12	01S/SWSC	2LV7	200L	RESTROOM		5 DAYS PER WEEK	No	LAVATORY
3	132	3-132-OPN-12	01S/SWSC	2LV8	200L	RESTROOM		5 DAYS PER WEEK	No	LAVATORY
3	132	3-132-OPN-12	01S/SWSC	2SD5	249A	OFFICE		5 DAYS PER WEEK	No	HAND WASHING
3	132	3-132-OPN-12	01S/SWSC	2SD6	213	BREAK AREA		5 DAYS PER WEEK	No	DISH WASHING
3	132	3-132-OPN-12	01S/SWSC	2TL5	200M	RESTROOM		5 DAYS PER WEEK	No	TOILET
3	132	3-132-OPN-12	01S/SWSC	2TL6	200M	RESTROOM		5 DAYS PER WEEK	No	TOILET
3	132	3-132-OPN-12	01S/SWSC	2TL7	200M	RESTROOM		5 DAYS PER WEEK	No	TOILET
3	132	3-132-OPN-12	01S/SWSC	2TL8	200L	RESTROOM		5 DAYS PER WEEK	No	TOILET
3	132	3-132-OPN-12	01S/SWSC	2TL9	200L	RESTROOM		5 DAYS PER WEEK	No	TOILET
3	132	3-132-OPN-12	01S/SWSC	2UR3	200M	RESTROOM		5 DAYS PER WEEK	No	URINAL
3	132	3-132-OPN-12	01S/SWSC	2UR4	200M	RESTROOM		5 DAYS PER WEEK	No	URINAL
3	132	3-132-OPN-12	01S/SWSC	2WF3	200W	COORIDOR		5 DAYS PER WEEK	No	WATER FOUNTAIN
3	132	3-132-OPN-12	01S/SWSC	3LV1	300M	RESTROOM		5 DAYS PER WEEK	No	LAVATORY
3	132	3-132-OPN-12	01S/SWSC	3LV2	300M	RESTROOM		5 DAYS PER WEEK	No	LAVATORY
3	132	3-132-OPN-12	01S/SWSC	3LV3	300L	RESTROOM		5 DAYS PER WEEK	No	LAVATORY
3	132	3-132-OPN-12	01S/SWSC	3LV4	300L	RESTROOM		5 DAYS PER WEEK	No	LAVATORY
3	132	3-132-OPN-12	01S/SWSC	3SD1	313	BREAK ROOM		5 DAYS PER WEEK	No	DISH WASHING
3	132	3-132-OPN-12	01S/SWSC	3TL1	300M	RESTROOM		5 DAYS PER WEEK	No	TOILET
3	132	3-132-OPN-12	01S/SWSC	3TL2	300M	RESTROOM		5 DAYS PER WEEK	No	TOILET
3	132	3-132-OPN-12	01S/SWSC	3TL3	300L	RESTROOM		5 DAYS PER WEEK	No	TOILET
3	132	3-132-OPN-12	01S/SWSC	3TL4	300L	RESTROOM		5 DAYS PER WEEK	No	TOILET
3	132	3-132-OPN-12	01S/SWSC	3UR1	300M	RESTROOM		5 DAYS PER WEEK	No	URINAL
3	132	3-132-OPN-12	01S/SWSC	3UR2	300M	RESTROOM		5 DAYS PER WEEK	No	URINAL
3	132	3-132-OPN-13	DAYLIGHT	N/A	100R	MECHANICAL ROOM		ANNUAL TESTING	No	FIRE SYSTEM DRAIN
3	132	3-132-OPN-14	DAYLIGHT	N/A	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	132	3-132-OPN-15	ATMOSPHERE	N/A	158Q	MECHANICAL ROOM		NO FLOW	No	EQUIPMENT EXHAUST

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES	
3	132	3-132-OPN-16	DAYLIGHT	N/A	N/A	ROOF			MOSTLY SUMMER	Yes	STORM WATER
3	132	3-132-OPN-17	01S/SWSC	1FD40	150R	MECHANICAL ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	132	3-132-OPN-17	01S/SWSC	1FD41	150R	MECHANICAL ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	132	3-132-OPN-17	01S/SWSC	1FD42	150R	MECHANICAL ROOM			FLOW IS NIL	No	COOLING COIL DRAIN
3	132	3-132-OPN-17	01S/SWSC	1FD43	150R	MECHANICAL ROOM			FLOW IS NIL	No	WATER HEATER DRAIN
3	132	3-132-OPN-17	01S/SWSC	1FD44	158R	STORAGE ROOM			FLOW IS NIL	No	NONE
3	132	3-132-OPN-17	01S/SWSC	1FD45	150L	BATHROOM			FLOW IS NIL	No	INDIRECT FROM SHOWER
3	132	3-132-OPN-17	01S/SWSC	1FD46	150M	BATHROOM			FLOW IS NIL	No	INDIRECT FROM SHOWER
3	132	3-132-OPN-17	01S/SWSC	1FD47	150R	MECHANICAL ROOM			ANNUAL TESTING	No	FIRE SYST. DRAIN/BFP
3	132	3-132-OPN-17	01S/SWSC	1LV7	150M	BATHROOM			5 DAYS PER WEEK	No	LAVATORY
3	132	3-132-OPN-17	01S/SWSC	1LV8	150M	BATHROOM			5 DAYS PER WEEK	No	LAVATORY
3	132	3-132-OPN-17	01S/SWSC	1LV9	150L	BATHROOM			5 DAYS PER WEEK	No	LAVATORY
3	132	3-132-OPN-17	01S/SWSC	1SH3	150M	BATHROOM			5 DAYS PER WEEK	No	SHOWER
3	132	3-132-OPN-17	01S/SWSC	1SH4	150M	BATHROOM			5 DAYS PER WEEK	No	SHOWER
3	132	3-132-OPN-17	01S/SWSC	1SH5	150M	BATHROOM			5 DAYS PER WEEK	No	SHOWER
3	132	3-132-OPN-17	01S/SWSC	1SH6	150L	BATHROOM			5 DAYS PER WEEK	No	SHOWER
3	132	3-132-OPN-17	01S/SWSC	1SH7	150L	BATHROOM			5 DAYS PER WEEK	No	SHOWER
3	132	3-132-OPN-17	01S/SWSC	1SLS5	150R	MECHANICAL ROOM			7 DAYS PER WEEK	No	SANITARY SEWAGE
3	132	3-132-OPN-17	01S/SWSC	1TL7	150M	BATHROOM			5 DAYS PER WEEK	No	TOILET
3	132	3-132-OPN-17	01S/SWSC	1TL8	150L	BATHROOM			5 DAYS PER WEEK	No	TOILET
3	132	3-132-OPN-17	01S/SWSC	1UR4	150M	BATHROOM			5 DAYS PER WEEK	No	URINAL
3	132	3-132-OPN-18	DAYLIGHT	RD34	150R	ROOF			MOSTLY SUMMER	Yes	STORM WATER
3	132	3-132-OPN-19	01S/SWSC	12SD4	160R	MECHANICAL ROOM			FLOW IS NIL	No	HAND WASHINGS
3	132	3-132-OPN-19	01S/SWSC	1EW1	187	PHOTO CHEMICAL STOR			ONLY IN EMERGENC	No	EMERGENCY EYE WASH UNIT
3	132	3-132-OPN-19	01S/SWSC	1FD17	187	PHOTO CHEMICAL STOR			NO FLOW	No	NO DIRECT FLOW
3	132	3-132-OPN-19	01S/SWSC	1FD18	187	PHOTO CHEMICAL STOR			NO FLOW	No	NO DIRECT FLOW
3	132	3-132-OPN-19	01S/SWSC	1FD19	187	PHOTO CHEMICAL STOR			NO FLOW	No	NO DIRECT FLOW
3	132	3-132-OPN-19	01S/SWSC	1FD20	187	PHOTO CHEMICAL STOR			NO FLOW	No	NO DIRECT FLOW
3	132	3-132-OPN-19	01S/SWSC	1FD21	187	PHOTO CHEMICAL STOR			FLOW IS NIL	No	WATER HEATER DRAIN
3	132	3-132-OPN-19	01S/SWSC	1FD22	160R	MECHANICAL ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	132	3-132-OPN-19	01S/SWSC	1FD23	160R	MECHANICAL ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	132	3-132-OPN-19	01S/SWSC	1FD24	160R	MECHANICAL ROOM			FLOW IS NIL	No	HOT WATER DRAIN
3	132	3-132-OPN-19	01S/SWSC	1FD25	160R	MECHANICAL ROOM			ANNUAL TESTING	No	FIRE SYSTEM DRAINS (3)

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
3	132	3-132-OPN-19	01S/SWSC	1FD26	160R	MECHANICAL ROOM		FLOW IS NIL	No	EQUIP. CONDENSED WATER
3	132	3-132-OPN-19	01S/SWSC	1FD27	160R	MECHANICAL ROOM		FLOW IS NIL	No	EQUIP. CONDENSED WATER
3	132	3-132-OPN-19	01S/SWSC	1FD28	160R	MECHANICAL ROOM		FLOW IS NIL	No	NONE
3	132	3-132-OPN-19	01S/SWSC	1FD28	160R	MECHANICAL ROOM		FLOW IS NIL	No	AIR COMPRESSOR BLOW-OFF
3	132	3-132-OPN-19	01S/SWSC	1FD29	160R	MECHANICAL ROOM		FLOW IS NIL	No	COOLING COIL CONDENSED WATER
3	132	3-132-OPN-19	01S/SWSC	1SD2	187	PHOTO CHEMICAL STOR		5 DAYS PER WEEK	No	HAND WASH SINK
3	132	3-132-OPN-19	01S/SWSC	1SLS3	160R	MECHANICAL ROOM		7 DAYS PER WEEK	No	SANITARY SEWAGE
3	132	3-132-OPN-19	01S/SWSC	2FD1	160R	MECHANICAL ROOM		FLOW IS NIL	No	FLOOR WASHINGS
3	132	3-132-OPN-19	01S/SWSC	2FD2	160R	MECHANICAL ROOM		FLOW IS NIL	No	FLOOR WASHINGS
3	132	3-132-OPN-19	01S/SWSC	2FD3	160R	MECHANICAL ROOM		FLOW IS NIL	No	FLOOR WASHINGS
3	132	3-132-OPN-19	01S/SWSC	2SD3	160R	MECHANICAL ROOM		FLOW IS NIL	No	HAND WASHINGS
3	132	3-132-OPN-20	DAYLIGHT	N/A	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	132	3-132-OPN-21	DAYLIGHT	RD33	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	132	3-132-OPN-22	01S/SWSC	1FD01	N/A	MECHANICAL AIR PLENUM		FLOW IS NIL	No	FLOOR WASHINGS
3	132	3-132-OPN-22	01S/SWSC	1FD02	130QC	AIR INTAKE ROOM		FLOW IS NIL	No	FLOOR WASHINGS
3	132	3-132-OPN-22	01S/SWSC	1FD03	130Q	MECHANICAL ROOM		FLOW IS NIL	No	CONDENSED WATER
3	132	3-132-OPN-22	01S/SWSC	1FD04	130QA	ELECTRICAL ROOM		ANNUAL TESTING	No	FIRE SYSTEM DRAIN
3	132	3-132-OPN-22	01S/SWSC	1FD05	130Q	MECHANICAL ROOM		ANNUAL TESTING	No	FIRE SYSTEM DRAINS (2)
3	132	3-132-OPN-22	01S/SWSC	1FD05	130Q	MECHANICAL ROOM		FLOW IS NIL	No	PUMP BASE DRAIN
3	132	3-132-OPN-22	01S/SWSC	1FD06	N/A	AIR SUPPLY TRENCH		FLOW IS NIL	No	FLOOR WASHINGS
3	132	3-132-OPN-22	01S/SWSC	1FD07	130Q	MECHANICAL ROOM		FLOW IS NIL	No	FLOOR WASHINGS
3	132	3-132-OPN-22	01S/SWSC	1FD08	130Q	MECHANICAL ROOM		FLOW IS NIL	No	WATER HEATER DRAIN
3	132	3-132-OPN-22	01S/SWSC	1FD09	180PA	ELECTRICAL ROOM		FLOW IS NIL	No	FLOOR WASHINGS
3	132	3-132-OPN-22	01S/SWSC	1FD10	180P	MECHANICAL ROOM		FLOW IS NIL	No	CONDENSED WATER
3	132	3-132-OPN-22	01S/SWSC	1FD11	180P	MECHANICAL ROOM		FLOW IS NIL	No	FLOOR WASHINGS
3	132	3-132-OPN-22	01S/SWSC	1FD12	180PC	BATTERY STORAGE ROOM		FLOW IS NIL	No	FLOOR WASHINGS
3	132	3-132-OPN-22	01S/SWSC	1FD13	180P	MECHANICAL ROOM		ANNUAL TESTING	No	FIRE SYSTEM DRAIN
3	132	3-132-OPN-22	01S/SWSC	1FD13	180P	MECHANICAL ROOM		FLOW IS NIL	No	WATER HEATER PRESSURE RELIEF
3	132	3-132-OPN-22	01S/SWSC	1FD13	180P	MECHANICAL ROOM		FLOW IS NIL	No	CONDENSED WATER/BFP
3	132	3-132-OPN-22	01S/SWSC	1FD14	180Q	MECHANICAL ROOM		FLOW IS NIL	No	FLOOR WASHINGS
3	132	3-132-OPN-22	01S/SWSC	1FD15	180Q	MECHANICAL ROOM		FLOW IS NIL	No	CONDENSED WATER
3	132	3-132-OPN-22	01S/SWSC	1FD16	180L	RESTROOM		FLOW IS NIL	No	FLOOR WASHINGS
3	132	3-132-OPN-22	01S/SWSC	1FS1	130Q	MECHANICAL 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
3	132	3-132-OPN-22	01S/SWSC	1LV1	180M	RESTROOM		5 DAYS PER WEEK	No	LAVATORY
3	132	3-132-OPN-22	01S/SWSC	1LV2	180L	RESTROOM		5 DAYS PER WEEK	No	LAVATORY
3	132	3-132-OPN-22	01S/SWSC	1SD1	180J	JANITOR'S CLOSET		5 DAYS PER WEEK	No	MOP SINK
3	132	3-132-OPN-22	01S/SWSC	1SLS1	130Q	MECHANICAL ROOM		7 DAYS PER WEEK	No	SANITARY SEWAGE
3	132	3-132-OPN-22	01S/SWSC	1SLS2	180P	MECHANICAL ROOM		7 DAYS PER WEEK	No	SANITARY SEWAGE
3	132	3-132-OPN-22	01S/SWSC	1TL1	180M	RESTROOM		5 DAYS PER WEEK	No	TOILET
3	132	3-132-OPN-22	01S/SWSC	1TL2	180L	RESTROOM		5 DAYS PER WEEK	No	TOILET
3	132	3-132-OPN-22	01S/SWSC	1UR1	180M	RESTROOM		5 DAYS PER WEEK	No	URINAL
3	132	3-132-OPN-22	01S/SWSC	1WF1	180V	CORRIDOR		5 DAYS PER WEEK	No	WATER FOUNTAIN
3	132	3-132-OPN-22	01S/SWSC	2LV1	290L	RESTROOM		5 DAYS PER WEEK	No	LAVATORY
3	132	3-132-OPN-22	01S/SWSC	2LV2	290L	RESTROOM		5 DAYS PER WEEK	No	LAVATORY
3	132	3-132-OPN-22	01S/SWSC	2LV3	290M	RESTROOM		5 DAYS PER WEEK	No	LAVATORY
3	132	3-132-OPN-22	01S/SWSC	2LV4	290M	RESTROOM		5 DAYS PER WEEK	No	LAVATORY
3	132	3-132-OPN-22	01S/SWSC	2SD1	297	BREAK ROOM		5 DAYS PER WEEK	No	DISH WASHING
3	132	3-132-OPN-22	01S/SWSC	2SD2	288A	BREAK ROOM		5 DAYS PER WEEK	No	DISH WASHING
3	132	3-132-OPN-22	01S/SWSC	2TL1	290L	RESTROOM		5 DAYS PER WEEK	No	TOILET
3	132	3-132-OPN-22	01S/SWSC	2TL2	290L	RESTROOM		5 DAYS PER WEEK	No	TOILET
3	132	3-132-OPN-22	01S/SWSC	2TL3	290M	RESTROOM		5 DAYS PER WEEK	No	TOILET
3	132	3-132-OPN-22	01S/SWSC	2TL4	290M	RESTROOM		5 DAYS PER WEEK	No	TOILET
3	132	3-132-OPN-22	01S/SWSC	2UR1	290M	RESTROOM		5 DAYS PER WEEK	No	URINAL
3	132	3-132-OPN-22	01S/SWSC	2UR2	290M	RESTROOM		5 DAYS PER WEEK	No	URINAL
3	132	3-132-OPN-22	01S/SWSC	2WF1	297	BREAK ROOM		5 DAYS PER WEEK	No	WATER FOUNTAIN
3	132	3-132-OPN-22	01S/SWSC	2WF2	280	COMPUTER ROOM		5 DAYS PER WEEK	No	WATER FOUNTAIN
3	132	3-132-OPN-23	DAYLIGHT	N/A	261A	OFFICE		ANNUAL TESTING	No	FIRE SYSTEM DRAIN
3	132	3-132-OPN-24	DAYLIGHT	N/A	261A	OFFICE		ANNUAL TESTING	No	FIRE SYSTEM DRAIN
3	132	3-132-OPN-25	DAYLIGHT	N/A	261C	OFFICE		ANNUAL TESTING	No	FIRE SYSTEM DRAIN
3	132	3-132-OPN-26	DAYLIGHT	N/A	261E	OFFICE		ANNUAL TESTING	No	FIRE SYSTEM DRAIN
3	132	3-132-OPN-27	DAYLIGHT	N/A	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	132	3-132-OPN-28	DAYLIGHT	N/A	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	132	3-132-OPN-29	DAYLIGHT	N/A	280C	WORK ROOM		ANNUAL TESTING	No	FIRE SYSTEM DRAIN
3	132	3-132-OPN-30	DAYLIGHT	N/A	280C	WORK ROOM		ANNUAL TESTING	No	FIRE SYSTEM DRAIN
3	132	3-132-OPN-31	DAYLIGHT	RD22	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	132	3-132-OPN-31	DAYLIGHT	RD23	N/A	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
3	132	3-132-OPN-31	DAYLIGHT	RD24	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	132	3-132-OPN-31	DAYLIGHT	RD26	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	132	3-132-OPN-31	DAYLIGHT	RD27	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	132	3-132-OPN-31	DAYLIGHT	RD28	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	132	3-132-OPN-31	DAYLIGHT	RD29	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	132	3-132-OPN-31	DAYLIGHT	RD30	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	132	3-132-OPN-31	DAYLIGHT	RD31	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	132	3-132-OPN-31	DAYLIGHT	RD32	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	132	3-132-OPN-32	DAYLIGHT	RD11	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	132	3-132-OPN-32	DAYLIGHT	RD12	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	132	3-132-OPN-32	DAYLIGHT	RD13	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	132	3-132-OPN-32	DAYLIGHT	RD14	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	132	3-132-OPN-32	DAYLIGHT	RD15	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	132	3-132-OPN-32	DAYLIGHT	RD16	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	132	3-132-OPN-32	DAYLIGHT	RD17	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	132	3-132-OPN-32	DAYLIGHT	RD18	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	132	3-132-OPN-32	DAYLIGHT	RD19	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	132	3-132-OPN-32	DAYLIGHT	RD20	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	132	3-132-OPN-32	DAYLIGHT	RD21	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	132	3-132-OPN-33	DAYLIGHT	N/A	N/A	MECHANICAL CHASE		ANNUAL TESTING	No	FIRE SYSTEM DRAIN
3	132	3-132-OPN-34	DAYLIGHT	N/A	290	COMPUTER ROOM		ANNUAL TESTING	No	FIRE SYSTEM DRAIN
3	200	3-200-OPN-01	DAYLIGHT	N/A	140	MECHANICAL ROOM		ANNUAL TESTING	No	FIRE SYSTEM DRAIN
3	200	3-200-OPN-02	DAYLIGHT	N/A	140	MECHANICAL ROOM		ANNUAL TESTING	No	FIRE SYSTEM DRAIN
3	200	3-200-OPN-03	01S/SWSC	1FD1	140	MECHANICAL ROOM		FLOW IS NIL	No	COND WATER/PRV
3	200	3-200-OPN-03	01S/SWSC	1FD2	140	MECHANICAL ROOM		FLOW IS NIL	No	FLOOR WASHINGS
3	200	3-200-OPN-03	01S/SWSC	1LV1	133A	RESTROOM		5 DAYS PER WEEK	No	LAVATORY
3	200	3-200-OPN-03	01S/SWSC	1LV2	133A	RESTROOM		5 DAYS PER WEEK	No	LAVATORY
3	200	3-200-OPN-03	01S/SWSC	1LV3	131	RESTROOM		5 DAYS PER WEEK	No	LAVATORY
3	200	3-200-OPN-03	01S/SWSC	1LV4	131	RESTROOM		5 DAYS PER WEEK	No	LAVATORY
3	200	3-200-OPN-03	01S/SWSC	1LV5	131	RESTROOM		5 DAYS PER WEEK	No	LAVATORY
3	200	3-200-OPN-03	01S/SWSC	1SD1	121	WORK ROOM		5 DAYS PER WEEK	No	HAND WASHING
3	200	3-200-OPN-03	01S/SWSC	1SD2	129	JANITOR'S CLOSET		5 DAYS PER WEEK	No	EQUIP. COND. WATER/FLOOR WASH
3	200	3-200-OPN-03	01S/SWSC	1SD3	150	BREAK ROOM		5 DAYS PER WEEK	No	DISH WASHING

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
3	200	3-200-OPN-03	01S/SWSC	1SD4	150	BREAK ROOM		5 DAYS PER WEEK	No	DISH WASHING
3	200	3-200-OPN-03	01S/SWSC	1TL1	133A	RESTROOM		5 DAYS PER WEEK	No	TOILET
3	200	3-200-OPN-03	01S/SWSC	1TL2	133A	RESTROOM		5 DAYS PER WEEK	No	TOILET
3	200	3-200-OPN-03	01S/SWSC	1TL3	131	RESTROOM		5 DAYS PER WEEK	No	TOILET
3	200	3-200-OPN-03	01S/SWSC	1TL4	131	RESTROOM		5 DAYS PER WEEK	No	TOILET
3	200	3-200-OPN-03	01S/SWSC	1UR1	131	RESTROOM		5 DAYS PER WEEK	No	URINAL
3	200	3-200-OPN-03	01S/SWSC	1UR2	131	RESTROOM		5 DAYS PER WEEK	No	URINAL
3	200	3-200-OPN-03	01S/SWSC	1WF1	100D	CORRIDOR		5 DAYS PER WEEK	No	WATER FOUNTAIN
3	200	3-200-OPN-03	01S/SWSC	1WF2	100C	CORRIDOR		5 DAYS PER WEEK	No	WATER FOUNTAIN
3	200	3-200-OPN-03	01S/SWSC	2SD2	245	JANITOR'S CLOSET		5 DAYS PER WEEK	No	FLOOR WASHING
3	200	3-200-OPN-03	01S/SWSC	2WF3	200E	CORRIDOR		5 DAYS PER WEEK	No	WATER FOUNTAIN
3	200	3-200-OPN-04	DAYLIGHT	RD5	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	200	3-200-OPN-05	DAYLIGHT	RD9	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	200	3-200-OPN-06	DAYLIGHT	1AD1	101	MUSEUM		NO FLOW	No	DRAIN IS PLUGGED
3	200	3-200-OPN-06	DAYLIGHT	1AD2	101	MUSEUM		NO FLOW	No	DRAIN IS PLUGGED
3	200	3-200-OPN-06	DAYLIGHT	1AD3	101	MUSEUM		NO FLOW	No	DRAIN IS PLUGGED
3	200	3-200-OPN-06	DAYLIGHT	1AD4	101	MUSEUM		NO FLOW	No	DRAIN IS PLUGGED
3	200	3-200-OPN-06	DAYLIGHT	RD4	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	200	3-200-OPN-06	DAYLIGHT	RD8	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	200	3-200-OPN-07	DAYLIGHT	N/A	N/A	STAIRWELL		ANNUAL TESTING	No	FIRE SYSTEM DRAIN
3	200	3-200-OPN-08	DAYLIGHT	RD3	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	200	3-200-OPN-09	DAYLIGHT	2AD1	N/A	COURTYARD		MOSTLY SUMMER	Yes	STORM WATER
3	200	3-200-OPN-10	DAYLIGHT	RD6	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	200	3-200-OPN-11	DAYLIGHT	N/A	237A	OFFICE		ANNUAL TESTING	No	FIRE SYSTEM DRAIN
3	200	3-200-OPN-12	DAYLIGHT	RD1	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	200	3-200-OPN-13	DAYLIGHT	RD2	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	200	3-200-OPN-14	01S/SWSC	2LV1	254	RESTROOM		5 DAYS PER WEEK	No	LAVATORY
3	200	3-200-OPN-14	01S/SWSC	2LV2	254	RESTROOM		5 DAYS PER WEEK	No	LAVATORY
3	200	3-200-OPN-14	01S/SWSC	2LV3	254	RESTROOM		5 DAYS PER WEEK	No	LAVATORY
3	200	3-200-OPN-14	01S/SWSC	2LV4	250A	RESTROOM		5 DAYS PER WEEK	No	LAVATORY
3	200	3-200-OPN-14	01S/SWSC	2LV5	250A	RESTROOM		5 DAYS PER WEEK	No	LAVATORY
3	200	3-200-OPN-14	01S/SWSC	2SD1	253	JANITOR'S CLOSET		5 DAYS PER WEEK	No	MOP SINK
3	200	3-200-OPN-14	01S/SWSC	2TL1	254	RESTROOM		5 DAYS PER WEEK	No	TOILET

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
3	200	3-200-OPN-14	01S/SWSC	2TL2	254	RESTROOM		5 DAYS PER WEEK	No	TOILET
3	200	3-200-OPN-14	01S/SWSC	2TL3	254	RESTROOM		5 DAYS PER WEEK	No	TOILET
3	200	3-200-OPN-14	01S/SWSC	2TL4	250A	RESTROOM		5 DAYS PER WEEK	No	TOILET
3	200	3-200-OPN-14	01S/SWSC	2TL5	250A	RESTROOM		5 DAYS PER WEEK	No	TOILET
3	200	3-200-OPN-14	01S/SWSC	2UR1	254	RESTROOM		5 DAYS PER WEEK	No	URINAL
3	200	3-200-OPN-14	01S/SWSC	2UR2	254	RESTROOM		5 DAYS PER WEEK	No	URINAL
3	200	3-200-OPN-14	01S/SWSC	2UR3	254	RESTROOM		5 DAYS PER WEEK	No	URINAL
3	200	3-200-OPN-14	01S/SWSC	2WF1	200C	CORRIDOR		5 DAYS PER WEEK	No	WATER FOUNTAIN
3	200	3-200-OPN-14	01S/SWSC	2WF2	200D	CORRIDOR		5 DAYS PER WEEK	No	WATER FOUNTAIN
3	200	3-200-OPN-14	DAYLIGHT	RD3	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	202	3-202	ND	N/A	N/A	BUILDING W/O DRAINS		NO FLOW	No	NONE
3	203	3-203	ND	N/A	N/A	BUILDING W/O DRAINS		NO FLOW	No	NONE
3	331	3-331	ND	N/A	N/A	BUILDING W/O DRAINS		NO FLOW	No	NONE
3	332	3-332-OPN-1	DAYLIGHT	RD1	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	332	3-332-OPN-2	DAYLIGHT	RD2	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	332	3-332-OPN-3	DAYLIGHT	RD3	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	332	3-332-OPN-4	DAYLIGHT	RD4	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	332	3-332-OPN-5	DAYLIGHT	N/A	109	OFFICE		FLOW IS NIL	No	EQUIP. CONDENSED WATER
3	332	3-332-OPN-6	DAYLIGHT	RD5	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	332	3-332-OPN-7	DAYLIGHT	N/A	110B	MECHANICAL ROOM		FLOW IS NIL	No	EQUIP. CONDENSED WATER
3	1498	3-1498-OPN-01	01S/SWSC	1FD41	182B	BATTERY STORAGE ROOM		FLOW IS NIL	No	FLOOR WASHINGS
3	1498	3-1498-OPN-01	01S/SWSC	1FD42	182B	BATTERY STORAGE ROOM		FLOW IS NIL	No	FLOOR WASHINGS
3	1498	3-1498-OPN-01	01S/SWSC	1FD43	182B	BATTERY STORAGE ROOM		FLOW IS NIL	No	FLOOR WASHINGS
3	1498	3-1498-OPN-01	01S/SWSC	1FD44	198	BATHROOM		FLOW IS NIL	No	INDIRECT FLOW FROM SHOWER
3	1498	3-1498-OPN-01	01S/SWSC	1FD45	198	BATHROOM		FLOW IS NIL	No	INDIRECT FROM SHOWER
3	1498	3-1498-OPN-01	01S/SWSC	1FD46	198	BATHROOM		FLOW IS NIL	No	FLOOR WASHINGS
3	1498	3-1498-OPN-01	01S/SWSC	1FD47	192	JANITOR'S CLOSET		FLOW IS NIL	No	FLOOR WASHINGS
3	1498	3-1498-OPN-01	01S/SWSC	1FD48	194	BATHROOM		FLOW IS NIL	No	FLOOR WASHINGS
3	1498	3-1498-OPN-01	01S/SWSC	1FD49	194	BATHROOM		FLOW IS NIL	No	INDIRECT FROM SHOWER
3	1498	3-1498-OPN-01	01S/SWSC	1FD50	194	BATHROOM		FLOW IS NIL	No	INDIRECT FROM SHOWER
3	1498	3-1498-OPN-01	01S/SWSC	1FD51	166	RESTROOM		FLOW IS NIL	No	FLOOR WASHINGS
3	1498	3-1498-OPN-01	01S/SWSC	1FD52	164	RESTROOM		FLOW IS NIL	No	FLOOR WASHINGS
3	1498	3-1498-OPN-01	01S/SWSC	1FD59	182B	BATTERY STORAGE ROOM		FLOW IS NIL	No	EMERGENCY SHOWER/EYE WASH

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
3	1498	3-1498-OPN-01	01S/SWSC	1LV1	166	RESTROOM		5 DAYS PER WEEK	No	LAVATORY
3	1498	3-1498-OPN-01	01S/SWSC	1LV2	166	RESTROOM		5 DAYS PER WEEK	No	LAVATORY
3	1498	3-1498-OPN-01	01S/SWSC	1LV3	164	RESTROOM		5 DAYS PER WEEK	No	LAVATORY
3	1498	3-1498-OPN-01	01S/SWSC	1LV4	164	RESTROOM		5 DAYS PER WEEK	No	LAVATORY
3	1498	3-1498-OPN-01	01S/SWSC	1LV5	198	BATHROOM		5 DAYS PER WEEK	No	LAVATORY
3	1498	3-1498-OPN-01	01S/SWSC	1LV6	198	BATHROOM		5 DAYS PER WEEK	No	LAVATORY
3	1498	3-1498-OPN-01	01S/SWSC	1LV7	198	BATHROOM		5 DAYS PER WEEK	No	LAVATORY
3	1498	3-1498-OPN-01	01S/SWSC	1LV8	194	BATHROOM		5 DAYS PER WEEK	No	LAVATORY
3	1498	3-1498-OPN-01	01S/SWSC	1SD1	163	JANITOR'S CLOSET		5 DAYS PER WEEK	No	MOP SINK
3	1498	3-1498-OPN-01	01S/SWSC	1SD2	192	JANITOR'S CLOSET		5 DAYS PER WEEK	No	MOP SINK
3	1498	3-1498-OPN-01	01S/SWSC	1SD3	137	BREAK ROOM		5 DAYS PER WEEK	No	DISH WASHING
3	1498	3-1498-OPN-01	01S/SWSC	1SD4	182B	BATTERY STORAGE ROOM		5 DAYS PER WEEK	No	HAND WASHING
3	1498	3-1498-OPN-01	01S/SWSC	1SH1	198	BATHROOM		5 DAYS PER WEEK	No	SHOWER
3	1498	3-1498-OPN-01	01S/SWSC	1SH2	198	BATHROOM		5 DAYS PER WEEK	No	SHOWER
3	1498	3-1498-OPN-01	01S/SWSC	1SH3	194	BATHROOM		5 DAYS PER WEEK	No	SHOWER
3	1498	3-1498-OPN-01	01S/SWSC	1SH4	194	BATHROOM		5 DAYS PER WEEK	No	SHOWER
3	1498	3-1498-OPN-01	01S/SWSC	1TL1	166	RESTROOM		5 DAYS PER WEEK	No	TOILET
3	1498	3-1498-OPN-01	01S/SWSC	1TL2	164	RESTROOM		5 DAYS PER WEEK	No	TOILET
3	1498	3-1498-OPN-01	01S/SWSC	1TL3	164	RESTROOM		5 DAYS PER WEEK	No	TOILET
3	1498	3-1498-OPN-01	01S/SWSC	1TL4	198	BATHROOM		5 DAYS PER WEEK	No	TOILET
3	1498	3-1498-OPN-01	01S/SWSC	1TL5	198	BATHROOM		5 DAYS PER WEEK	No	TOILET
3	1498	3-1498-OPN-01	01S/SWSC	1TL6	198	BATHROOM		5 DAYS PER WEEK	No	TOILET
3	1498	3-1498-OPN-01	01S/SWSC	1TL7	194	BATHROOM		5 DAYS PER WEEK	No	TOILET
3	1498	3-1498-OPN-01	01S/SWSC	1TL8	194	BATHROOM		5 DAYS PER WEEK	No	TOILET
3	1498	3-1498-OPN-01	01S/SWSC	1UR1	166	RESTROOM		5 DAYS PER WEEK	No	URINAL
3	1498	3-1498-OPN-01	01S/SWSC	1UR2	194	BATHROOM		5 DAYS PER WEEK	No	URINAL
3	1498	3-1498-OPN-01	01S/SWSC	1UR3	194	BATHROOM		5 DAYS PER WEEK	No	URINAL
3	1498	3-1498-OPN-01	01S/SWSC	1WF1	100E	CORRIDOR		5 DAYS PER WEEK	No	WATER FOUNTAIN
3	1498	3-1498-OPN-01	01S/SWSC	1WF2	100E	CORRIDOR		5 DAYS PER WEEK	No	WATER FOUNTAIN
3	1498	3-1498-OPN-01	01S/SWSC	1WF3	100A	CORRIDOR		5 DAYS PER WEEK	No	WATER FOUNTAIN
3	1498	3-1498-OPN-01	01S/SWSC	1WF4	100A	CORRIDOR		5 DAYS PER WEEK	No	WATER FOUNTAIN
3	1498	3-1498-OPN-01	01S/SWSC	2FD01	256	RESTROOM		FLOW IS NIL	No	FLOOR WASHINGS
3	1498	3-1498-OPN-01	01S/SWSC	2FD02	254	RESTROOM		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
3	1498	3-1498-OPN-01	01S/SWSC	2FD07	264	JANITOR'S CLOSET		FLOW IS NIL	No	FLOOR WASHINGS
3	1498	3-1498-OPN-01	01S/SWSC	2FD08	262	BATHROOM		FLOW IS NIL	No	INDIRECT FROM SHOWER
3	1498	3-1498-OPN-01	01S/SWSC	2FD09	262	BATHROOM		FLOW IS NIL	No	INDIRECT FROM SHOWER
3	1498	3-1498-OPN-01	01S/SWSC	2FD10	262	BATHROOM		FLOW IS NIL	No	FLOOR WASHINGS
3	1498	3-1498-OPN-01	01S/SWSC	2FD11	266	BATHROOM		FLOW IS NIL	No	FLOOR WASHINGS
3	1498	3-1498-OPN-01	01S/SWSC	2FD12	266	BATHROOM		FLOW IS NIL	No	INDIRECT FROM SHOWER
3	1498	3-1498-OPN-01	01S/SWSC	2FD13	266	BATHROOM		FLOW IS NIL	No	INDIRECT FROM SHOWER
3	1498	3-1498-OPN-01	01S/SWSC	2LV1	256	RESTROOM		5 DAYS PER WEEK	No	LAVATORY
3	1498	3-1498-OPN-01	01S/SWSC	2LV2	256	RESTROOM		5 DAYS PER WEEK	No	LAVATORY
3	1498	3-1498-OPN-01	01S/SWSC	2LV3	254	RESTROOM		5 DAYS PER WEEK	No	LAVATORY
3	1498	3-1498-OPN-01	01S/SWSC	2LV4	254	RESTROOM		5 DAYS PER WEEK	No	LAVATORY
3	1498	3-1498-OPN-01	01S/SWSC	2LV5	262	BATHROOM		5 DAYS PER WEEK	No	LAVATORY
3	1498	3-1498-OPN-01	01S/SWSC	2LV6	262	BATHROOM		5 DAYS PER WEEK	No	LAVATORY
3	1498	3-1498-OPN-01	01S/SWSC	2LV7	262	BATHROOM		5 DAYS PER WEEK	No	LAVATORY
3	1498	3-1498-OPN-01	01S/SWSC	2LV8	266	BATHROOM		5 DAYS PER WEEK	No	LAVATORY
3	1498	3-1498-OPN-01	01S/SWSC	2LV9	266	BATHROOM		5 DAYS PER WEEK	No	LAVATORY
3	1498	3-1498-OPN-01	01S/SWSC	2SD1	255	JANITOR'S CLOSET		5 DAYS PER WEEK	No	MOP SINK
3	1498	3-1498-OPN-01	01S/SWSC	2SD3	264	JANITOR'S CLOSET		5 DAYS PER WEEK	No	MOP SINK
3	1498	3-1498-OPN-01	01S/SWSC	2SH1	262	BATHROOM		5 DAYS PER WEEK	No	SHOWER
3	1498	3-1498-OPN-01	01S/SWSC	2SH2	262	BATHROOM		5 DAYS PER WEEK	No	SHOWER
3	1498	3-1498-OPN-01	01S/SWSC	2SH3	266	BATHROOM		5 DAYS PER WEEK	No	SHOWER
3	1498	3-1498-OPN-01	01S/SWSC	2SH4	266	BATHROOM		5 DAYS PER WEEK	No	SHOWER
3	1498	3-1498-OPN-01	01S/SWSC	2TL1	256	RESTROOM		5 DAYS PER WEEK	No	TOILET
3	1498	3-1498-OPN-01	01S/SWSC	2TL2	254	RESTROOM		5 DAYS PER WEEK	No	TOILET
3	1498	3-1498-OPN-01	01S/SWSC	2TL3	254	RESTROOM		5 DAYS PER WEEK	No	TOILET
3	1498	3-1498-OPN-01	01S/SWSC	2TL4	262	BATHROOM		5 DAYS PER WEEK	No	TOILET
3	1498	3-1498-OPN-01	01S/SWSC	2TL5	262	BATHROOM		5 DAYS PER WEEK	No	TOILET
3	1498	3-1498-OPN-01	01S/SWSC	2TL6	262	BATHROOM		5 DAYS PER WEEK	No	TOILET
3	1498	3-1498-OPN-01	01S/SWSC	2TL7	266	BATHROOM		5 DAYS PER WEEK	No	TOILET
3	1498	3-1498-OPN-01	01S/SWSC	2TL8	266	BATHROOM		5 DAYS PER WEEK	No	TOILET
3	1498	3-1498-OPN-01	01S/SWSC	2UR2	266	BATHROOM		5 DAYS PER WEEK	No	URINAL
3	1498	3-1498-OPN-01	01S/SWSC	2UR3	266	BATHROOM		5 DAYS PER WEEK	No	URINAL
3	1498	3-1498-OPN-01	01S/SWSC	3FD01	348	RESTROOM		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
3	1498	3-1498-OPN-01	01S/SWSC	3FD02	346	RESTROOM		FLOW IS NIL	No	FLOOR WASHINGS
3	1498	3-1498-OPN-01	01S/SWSC	3FD05	394	JANITOR'S CLOSET		FLOW IS NIL	No	FLOOR WASHINGS
3	1498	3-1498-OPN-01	01S/SWSC	3FD06	397	BATHROOM		FLOW IS NIL	No	INDIRECT FROM SHOWER
3	1498	3-1498-OPN-01	01S/SWSC	3FD07	397	BATHROOM		FLOW IS NIL	No	INDIRECT FROM SHOWER
3	1498	3-1498-OPN-01	01S/SWSC	3FD08	397	BATHROOM		FLOW IS NIL	No	FLOOR WASHINGS
3	1498	3-1498-OPN-01	01S/SWSC	3FD09	399	BATHROOM		FLOW IS NIL	No	FLOOR WASHINGS
3	1498	3-1498-OPN-01	01S/SWSC	3FD10	399	BATHROOM		FLOW IS NIL	No	INDIRECT FROM SHOWER
3	1498	3-1498-OPN-01	01S/SWSC	3FD11	399	BATHROOM		FLOW IS NIL	No	INDIRECT FROM SHOWER
3	1498	3-1498-OPN-01	01S/SWSC	3LV1	348	RESTROOM		5 DAYS PER WEEK	No	LAVATORY
3	1498	3-1498-OPN-01	01S/SWSC	3LV2	348	RESTROOM		5 DAYS PER WEEK	No	LAVATORY
3	1498	3-1498-OPN-01	01S/SWSC	3LV3	346	RESTROOM		5 DAYS PER WEEK	No	LAVATORY
3	1498	3-1498-OPN-01	01S/SWSC	3LV4	346	RESTROOM		5 DAYS PER WEEK	No	LAVATORY
3	1498	3-1498-OPN-01	01S/SWSC	3LV5	397	BATHROOM		5 DAYS PER WEEK	No	LAVATORY
3	1498	3-1498-OPN-01	01S/SWSC	3LV6	397	BATHROOM		5 DAYS PER WEEK	No	LAVATORY
3	1498	3-1498-OPN-01	01S/SWSC	3LV7	397	BATHROOM		5 DAYS PER WEEK	No	LAVATORY
3	1498	3-1498-OPN-01	01S/SWSC	3LV8	399	BATHROOM		5 DAYS PER WEEK	No	LAVATORY
3	1498	3-1498-OPN-01	01S/SWSC	3LV9	399	BATHROOM		5 DAYS PER WEEK	No	LAVATORY
3	1498	3-1498-OPN-01	01S/SWSC	3SD1	340	BREAK ROOM		5 DAYS PER WEEK	No	DISH WASHING
3	1498	3-1498-OPN-01	01S/SWSC	3SD2	342	JANITOR'S CLOSET		5 DAYS PER WEEK	No	MOP SINK
3	1498	3-1498-OPN-01	01S/SWSC	3SD3	394	JANITOR'S CLOSET		5 DAYS PER WEEK	No	MOP SINK
3	1498	3-1498-OPN-01	01S/SWSC	3SD4	301	BREAK ROOM		5 DAYS PER WEEK	No	DISH WASHINGS
3	1498	3-1498-OPN-01	01S/SWSC	3SH1	397	BATHROOM		5 DAYS PER WEEK	No	SHOWER
3	1498	3-1498-OPN-01	01S/SWSC	3SH2	397	BATHROOM		5 DAYS PER WEEK	No	SHOWER
3	1498	3-1498-OPN-01	01S/SWSC	3SH3	399	BATHROOM		5 DAYS PER WEEK	No	SHOWER
3	1498	3-1498-OPN-01	01S/SWSC	3SH4	399	BATHROOM		5 DAYS PER WEEK	No	SHOWER
3	1498	3-1498-OPN-01	01S/SWSC	3TL1	348	RESTROOM		5 DAYS PER WEEK	No	TOILET
3	1498	3-1498-OPN-01	01S/SWSC	3TL2	346	RESTROOM		5 DAYS PER WEEK	No	TOILET
3	1498	3-1498-OPN-01	01S/SWSC	3TL3	346	RESTROOM		5 DAYS PER WEEK	No	TOILET
3	1498	3-1498-OPN-01	01S/SWSC	3TL4	397	BATHROOM		5 DAYS PER WEEK	No	TOILET
3	1498	3-1498-OPN-01	01S/SWSC	3TL5	397	BATHROOM		5 DAYS PER WEEK	No	TOILET
3	1498	3-1498-OPN-01	01S/SWSC	3TL6	397	BATHROOM		5 DAYS PER WEEK	No	TOILET
3	1498	3-1498-OPN-01	01S/SWSC	3TL7	399	BATHROOM		5 DAYS PER WEEK	No	TOILET
3	1498	3-1498-OPN-01	01S/SWSC	3TL8	399	BATHROOM		5 DAYS PER WEEK	No	TOILET

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
3	1498	3-1498-OPN-01	01S/SWSC	3UR1	348	RESTROOM		5 DAYS PER WEEK	No	URINAL
3	1498	3-1498-OPN-01	01S/SWSC	3UR2	399	BATHROOM		5 DAYS PER WEEK	No	URINAL
3	1498	3-1498-OPN-01	01S/SWSC	3UR3	399	BATHROOM		5 DAYS PER WEEK	No	URINAL
3	1498	3-1498-OPN-01	01S/SWSC	3WF1	300E	CORRIDOR		5 DAYS PER WEEK	No	WATER FOUNTAIN
3	1498	3-1498-OPN-01	01S/SWSC	3WF3	300A	CORRIDOR		5 DAYS PER WEEK	No	WATER FOUNTAIN
3	1498	3-1498-OPN-01	01S/SWSC	3WF4	300A	CORRIDOR		5 DAYS PER WEEK	No	WATER FOUNTAIN
3	1498	3-1498-OPN-02	DAYLIGHT	OD34	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-02	DAYLIGHT	OD35	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-03	DAYLIGHT	N/A	100J	STAIRWELL		ANNUAL TESTING	No	FIRE SYSTEM DRAIN
3	1498	3-1498-OPN-04	DAYLIGHT	OD19	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-04	DAYLIGHT	OD24	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-04	DAYLIGHT	OD29	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-04	DAYLIGHT	OD30	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-04	DAYLIGHT	OD31	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-04	DAYLIGHT	OD32	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-05	DAYLIGHT	N/A	182B	BATTERY STORAGE ROOM		ANNUAL TESTING	No	FIRE SYSTEM DRAIN
3	1498	3-1498-OPN-06	ATMOSPHERE	N/A	189A	MECHANICAL ROOM		EMERGENCIES ONLY	No	EMERGENCY GENERATOR EXH. VENT
3	1498	3-1498-OPN-07	DAYLIGHT	OD11	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-07	DAYLIGHT	OD12	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-07	DAYLIGHT	OD17	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-08	DAYLIGHT	N/A	189	MECHANICAL ROOM		ANNUAL TESTING	No	FIRE SYSTEM DRAIN
3	1498	3-1498-OPN-09	DAYLIGHT	N/A	189	MECHANICAL ROOM		FLOW IS NIL	No	EQUIP. CONDENSED WATER
3	1498	3-1498-OPN-10	DAYLIGHT	N/A	189	MECHANICAL ROOM		ANNUAL TESTING	No	FIRE SYSTEM DRAIN
3	1498	3-1498-OPN-11	DAYLIGHT	N/A	N/A	EXTERIOR		FLOW IS NIL	No	COOLING EQUIP. CONDENSATE
3	1498	3-1498-OPN-12	DAYLIGHT	OD1	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-12	DAYLIGHT	OD2	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-12	DAYLIGHT	OD3	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-12	DAYLIGHT	OD4	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-12	DAYLIGHT	OD8	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-13	DAYLIGHT	OD10	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-13	DAYLIGHT	OD5	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-13	DAYLIGHT	OD6	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-13	DAYLIGHT	OD7	N/A	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	
3	1498	3-1498-OPN-14	DAYLIGHT	OD13	N/A	ROOF			MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-14	DAYLIGHT	OD14	N/A	ROOF			MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-14	DAYLIGHT	OD15	N/A	ROOF			MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-14	DAYLIGHT	OD16	N/A	ROOF			MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-14	DAYLIGHT	OD20	N/A	ROOF			MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-14	DAYLIGHT	OD22	N/A	ROOF			MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-15	03A148	1FD01	189	MECHANICAL ROOM			FLOW IS NIL	No	WATER BACKFLOW PREVENTER DRAIN
3	1498	3-1498-OPN-15	03A148	1FD02	189	MECHANICAL ROOM			FLOW IS NIL	No	PRESSURE RELIEF VALVE DRAIN
3	1498	3-1498-OPN-15	03A148	1FD02	189	MECHANICAL ROOM			FLOW IS NIL	No	AIR COMPRESSOR BLOW-OFFS(2)
3	1498	3-1498-OPN-15	03A148	1FD03	189	MECHANICAL ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	1498	3-1498-OPN-15	03A148	1FD04	189	MECHANICAL ROOM			FLOW IS NIL	No	STEAM PRESSURE REDUCING VALVE
3	1498	3-1498-OPN-15	03A148	1FD04	189	MECHANICAL ROOM			FLOW IS NIL	No	STEAM STRAINER DRAIN
3	1498	3-1498-OPN-15	03A148	1FD05	189	MECHANICAL ROOM			FLOW IS NIL	No	HOT WATER SUPPLY STRAINER
3	1498	3-1498-OPN-15	03A148	1FD05	189	MECHANICAL ROOM			FLOW IS NIL	No	WATER BACKFLOW PREVENTER
3	1498	3-1498-OPN-15	03A148	1FD06	189	MECHANICAL ROOM			ANNUAL TESTING	No	FIRE SYSTEM DRAIN
3	1498	3-1498-OPN-15	03A148	1FD06	189	MECHANICAL ROOM			FLOW IS NIL	No	WATER BACKFLOW PREVENTER
3	1498	3-1498-OPN-15	03A148	1FD07	189	MECHANICAL ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	1498	3-1498-OPN-15	03A148	1FD08	189	MECHANICAL ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	1498	3-1498-OPN-15	03A148	1FD09	189	MECHANICAL ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	1498	3-1498-OPN-15	03A148	1FD10	189	MECHANICAL ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	1498	3-1498-OPN-15	03A148	1FD11	189	MECHANICAL ROOM	3000	GPD	7 DAYS/WEEK	No	TREATED COOLING WATER BLOWDOWN
3	1498	3-1498-OPN-15	03A148	1FD11	189	MECHANICAL ROOM			FLOW IS NIL	No	CHEMICAL FEED OXIDIZER DRAIN
3	1498	3-1498-OPN-15	03A148	1FD12	189	MECHANICAL ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	1498	3-1498-OPN-15	03A148	1FD13	189	MECHANICAL ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	1498	3-1498-OPN-15	03A148	1FD14	189	MECHANICAL ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	1498	3-1498-OPN-15	03A148	1FD15	189	MECHANICAL ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	1498	3-1498-OPN-15	03A148	1FD16	189	MECHANICAL ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	1498	3-1498-OPN-15	03A148	1FD17	189	MECHANICAL ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	1498	3-1498-OPN-15	03A148	1FD18	189	MECHANICAL ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	1498	3-1498-OPN-15	03A148	1FD19	189	MECHANICAL ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	1498	3-1498-OPN-15	03A148	1FD20	189	MECHANICAL ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	1498	3-1498-OPN-15	03A148	1FD21	189	MECHANICAL ROOM			FLOW IS NIL	No	FLOOR WASHINGS
3	1498	3-1498-OPN-15	03A148	1FD22	189	MECHANICAL 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
3	1498	3-1498-OPN-15	03A148	1FD23	189	MECHANICAL ROOM		FLOW IS NIL	No	FLOOR WASHINGS
3	1498	3-1498-OPN-15	03A148	1FD24	189	MECHANICAL ROOM		FLOW IS NIL	No	EQUIP. CONDENSATE/BFP DRAIN
3	1498	3-1498-OPN-15	03A148	1FD53	105	COMPUTER ROOM		FLOW IS NIL	No	COOLING EQUIPMENT CONDENSATE
3	1498	3-1498-OPN-15	03A148	1FD54	105	COMPUTER ROOM		FLOW IS NIL	No	COOLING EQUIPMENT CONDENSATE
3	1498	3-1498-OPN-15	03A148	1FD55	100H	CORRIDOR		FLOW IS NIL	No	COOLING EQUIPMENT CONDENSATE
3	1498	3-1498-OPN-15	03A148	1FD56	105	COMPUTER ROOM		FLOW IS NIL	No	COOLING EQUIPMENT CONDENSATE
3	1498	3-1498-OPN-15	03A148	1FD57	127	OFFICE		FLOW IS NIL	No	COOLING EQUIPMENT CONDENSATE
3	1498	3-1498-OPN-15	03A148	1FD58	105A	COMPUTER ROOM		FLOW IS NIL	No	COOLING EQUIPMENT CONDENSATE
3	1498	3-1498-OPN-15	03A148	1SP1	105	CABLE TUNNEL		FLOW IS NIL	No	NO DIRECT FLOW
3	1498	3-1498-OPN-15	03A148	1SP2	105	CABLE TUNNEL		NO FLOW	No	NO DIRECT FLOW
3	1498	3-1498-OPN-15	03A148	1SP3	188	ELEVATOR SHAFT		NO FLOW	No	NO DIRECT FLOW
3	1498	3-1498-OPN-15	03A148	1SP4	198	ELEVATOR SHAFT		NO FLOW	No	NO DIRECT FLOW
3	1498	3-1498-OPN-15	03A148	2FD3	205	COMPUTER ROOM		FLOW IS NIL	No	COOLING EQUIPMENT CONDENSATE
3	1498	3-1498-OPN-15	03A148	2FD4	205	COMPUTER ROOM		FLOW IS NIL	No	COOLING EQUIPMENT CONDENSATE
3	1498	3-1498-OPN-15	03A148	2FD5	205	COMPUTER ROOM		FLOW IS NIL	No	COOLING EQUIPMENT CONDENSATE
3	1498	3-1498-OPN-15	03A148	2FD6	205	COMPUTER ROOM		FLOW IS NIL	No	COOLING EQUIPMENT CONDENSATE
3	1498	3-1498-OPN-15	03A148	3FD3	341	COMPUTER ROOM		FLOW IS NIL	No	COOLING EQUIPMENT CONDENSATE
3	1498	3-1498-OPN-15	03A148	3FD4	341	COMPUTER ROOM		FLOW IS NIL	No	COOLING EQUIPMENT CONDENSATE
3	1498	3-1498-OPN-15	03A148	RD02	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-15	03A148	RD03	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-15	03A148	RD04	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-15	03A148	RD05	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-15	03A148	RD06	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-15	03A148	RD07	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-15	03A148	RD08	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-15	03A148	RD09	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-15	03A148	RD10	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-15	03A148	RD11	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-15	03A148	RD12	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-15	03A148	RD13	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-15	03A148	RD14	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-15	03A148	RD15	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-15	03A148	RD16	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER

REPORT # 51

TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
3	1498	3-1498-OPN-15	03A148	RD17	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-15	03A148	RD18	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-15	03A148	RD19	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-15	03A148	RD20	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-15	03A148	RD21	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-15	03A148	RD22	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-15	03A148	RD23	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-15	03A148	RD24	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-15	03A148	RD25	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-15	03A148	RD26	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-15	03A148	RD27	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-15	03A148	RD28	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-15	03A148	RD29	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-15	03A148	RD30	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-15	03A148	RD31	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-15	03A148	RD32	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-15	03A148	RD33	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-15	03A148	RD34	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-15	03A148	RD35	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-16	DAYLIGHT	OD23	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-16	DAYLIGHT	OD25	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-16	DAYLIGHT	OD26	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-16	DAYLIGHT	OD27	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-16	DAYLIGHT	OD28	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-16	DAYLIGHT	OD33	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	1498	3-1498-OPN-17	N/A	1FD25	191	ELECTRICAL SUBSTATION		NO FLOW	No	NONE
3	1498	3-1498-OPN-17	N/A	1FD26	191	ELECTRICAL SUBSTATION		NO FLOW	No	NONE
3	1498	3-1498-OPN-17	N/A	1FD27	191	ELECTRICAL SUBSTATION		NO FLOW	No	NONE
3	1498	3-1498-OPN-17	N/A	1FD28	191	ELECTRICAL SUBSTATION		NO FLOW	No	NONE
3	1498	3-1498-OPN-17	N/A	1FD29	191	ELECTRICAL SUBSTATION		NO FLOW	No	NONE
3	1498	3-1498-OPN-17	N/A	1FD30	191	ELECTRICAL SUBSTATION		NO FLOW	No	NONE
3	1498	3-1498-OPN-17	N/A	1FD31	191	ELECTRICAL SUBSTATION		NO FLOW	No	NONE
3	1498	3-1498-OPN-17	N/A	1FD32	191	ELECTRICAL SUBSTATION		NO FLOW	No	NONE

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
3	1498	3-1498-OPN-17	N/A	1FD33	191	ELECTRICAL SUBSTATION		NO FLOW	No	NONE
3	1498	3-1498-OPN-17	N/A	1FD34	191	ELECTRICAL SUBSTATION		NO FLOW	No	NONE
3	1498	3-1498-OPN-17	N/A	1FD35	191	ELECTRICAL SUBSTATION		NO FLOW	No	NONE
3	1498	3-1498-OPN-17	N/A	1FD36	191	ELECTRICAL SUBSTATION		NO FLOW	No	NONE
3	1498	3-1498-OPN-17	N/A	1FD37	191	ELECTRICAL SUBSTATION		NO FLOW	No	NONE
3	1498	3-1498-OPN-17	N/A	1FD38	191	ELECTRICAL SUBSTATION		NO FLOW	No	NONE
3	1498	3-1498-OPN-17	N/A	1FD39	191	ELECTRICAL SUBSTATION		NO FLOW	No	NONE
3	1498	3-1498-OPN-17	N/A	1FD40	191	ELECTRICAL SUBSTATION		NO FLOW	No	NONE
3	1806	3-1806-OPN-1	01S/SWSC	1TL1	101	RESTROOM		5 DAYS PER WEEK	No	TOILET
3	1806	3-1806-OPN-1	01S/SWSC	1WF1	100	GUARD ROOM		5 DAYS PER WEEK	No	WATER FOUNTAIN
3	1806	3-1806-OPN-2	DAYLIGHT	N/A	101	RESTROOM		FLOW IS NIL	Yes	COOLING EQUIPMENT CONDENSATE
3	1807	3-1807-OPN-1	03A148	N/A	N/A	COOLING TOWER		5 DAYS PER WEEK	No	COOLING TOWER BLOWDOWN
3	1975	3-1975	ND	N/A	N/A	BUILDING W/O DRAINS		NO FLOW	No	NONE
3	2011	3-2011-OPN-1	01S/SWSC	1FS1	110	MECHANICAL ROOM		NO FLOW	No	WATER HTR/BOILER PRESS. RELIEF
3	2011	3-2011-OPN-1	01S/SWSC	1FS2	110	MECHANICAL ROOM		ANNUAL TESTING	No	FIRE SYSTEM DRAIN/BFP DRAIN
3	2011	3-2011-OPN-1	01S/SWSC	1FS3	110	MECHANICAL ROOM		FLOW IS NIL	No	COOLING COIL CONDENSED WATER
3	2011	3-2011-OPN-1	01S/SWSC	1FS4	105	COMPUTER ROOM		FLOW IS NIL	No	COOLING EQUIPMENT CONDENSATE
3	2011	3-2011-OPN-1	01S/SWSC	1SP1	105	COMPUTER ROOM		FLOW IS NIL	No	COOLING EQUIP. CONDENSED WATER
3	2011	3-2011-OPN-1	01S/SWSC	1WF1	105	COMPUTER ROOM		5 DAYS PER WEEK	No	WATER FOUNTAIN
3	2011	3-2011-OPN-1	01S/SWSC	2FD1	216	BATHROOM		FLOW IS NIL	No	FLOOR WASHINGS
3	2011	3-2011-OPN-1	01S/SWSC	2FD2	217	BATHROOM		FLOW IS NIL	No	FLOOR WASHINGS
3	2011	3-2011-OPN-1	01S/SWSC	2FD3	205	OFFICE AREA		NO FLOW	No	NONE
3	2011	3-2011-OPN-1	01S/SWSC	2LV1	216	BATHROOM		5 DAYS PER WEEK	No	LAVATORY
3	2011	3-2011-OPN-1	01S/SWSC	2LV2	216	BATHROOM		5 DAYS PER WEEK	No	LAVATORY
3	2011	3-2011-OPN-1	01S/SWSC	2LV3	217	BATHROOM		5 DAYS PER WEEK	No	LAVATORY
3	2011	3-2011-OPN-1	01S/SWSC	2LV4	217	BATHROOM		5 DAYS PER WEEK	No	LAVATORY
3	2011	3-2011-OPN-1	01S/SWSC	2SD1	222	BREAK AREA		5 DAYS PER WEEK	No	DISH WASHING
3	2011	3-2011-OPN-1	01S/SWSC	2SD2	215	JANITOR'S CLOSET		5 DAYS PER WEEK	No	MOP SINK
3	2011	3-2011-OPN-1	01S/SWSC	2SH1	216	BATHROOM		5 DAYS PER WEEK	No	SHOWER
3	2011	3-2011-OPN-1	01S/SWSC	2SH2	216	BATHROOM		5 DAYS PER WEEK	No	SHOWER
3	2011	3-2011-OPN-1	01S/SWSC	2SH2	217	BATHROOM		5 DAYS PER WEEK	No	SHOWER
3	2011	3-2011-OPN-1	01S/SWSC	2TL1	216	BATHROOM		5 DAYS PER WEEK	No	TOILET
3	2011	3-2011-OPN-1	01S/SWSC	2TL2	216	BATHROOM		5 DAYS PER WEEK	No	TOILET

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
3	2011	3-2011-OPN-1	01S/SWSC	2TL3	217	BATHROOM		5 DAYS PER WEEK	No	TOILET
3	2011	3-2011-OPN-1	01S/SWSC	2TL4	217	BATHROOM		5 DAYS PER WEEK	No	TOILET
3	2011	3-2011-OPN-1	01S/SWSC	2UR1	217	BATHROOM		5 DAYS PER WEEK	No	URINAL
3	2011	3-2011-OPN-1	01S/SWSC	2WF1	211	CORRIDOR		5 DAYS PER WEEK	No	WATER FOUNTAIN
3	2011	3-2011-OPN-2	DAYLIGHT	N/A	110	MECHANICAL ROOM		ANNUAL TESTING	No	FIRE SYSTEM DRAIN
3	2011	3-2011-OPN-3	DAYLIGHT	N/A	110	MECHANICAL ROOM		ANNUAL TESTING	No	FIRE SYSTEM DRAIN
3	2011	3-2011-OPN-4	DAYLIGHT	RD2	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	2011	3-2011-OPN-5	DAYLIGHT	RD2	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	2011	3-2011-OPN-6	DAYLIGHT	DD1	N/A	BALCONY		MOSTLY SUMMER	Yes	STORM WATER
3	2011	3-2011-OPN-6	DAYLIGHT	RD3	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER
3	2011	3-2011-OPN-7	DAYLIGHT	N/A	105	COMPUTER ROOM		ANNUAL TESTING	No	FIRE SYSTEM DRAIN
3	2011	3-2011-OPN-8	DAYLIGHT	N/A	105	COMPUTER ROOM		ANNUAL TESTING	No	FIRE SYSTEM DRAIN
3	2011	3-2011-OPN-9	DAYLIGHT	RD1	N/A	ROOF		MOSTLY SUMMER	Yes	STORM WATER

CONTINUED FROM THE FRONT

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

YES (complete the following table)

NO (go to Section III)

1. OUTFALL NUMBER (list)	2. OPERATION(S) CONTRIBUTING FLOW (list)	3. FREQUENCY		4. FLOW				5. DURATION (in days)
		a. DAYS PER WEEK (specify average)	b. MONTHS PER YEAR (specify average)	a. FLOW RATE (in mgd)		b. TOTAL VOLUME (specify with units)		
				1. LONG TERM AVERAGE	2. MAXIMUM DAILY	1. LONG TERM AVERAGE	2. MAXIMUM DAILY	
03A148	Cooling tower blowdown	5	12	0.003	0.003	3000 GPD	3000 GPD	260 day/yr

III. PRODUCTION

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

YES (complete Item III-B)

NO (to Section IV)

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

YES (complete Item III-C)

NO (go to Section IV)

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

1. AVERAGE DAILY PRODUCTION

a. QUANTITY PER DAY	b. UNITS OF MEASURE	c. OPERATION, PRODUCT, MATERIAL, ETC. (specify)	2. AFFECTED OUTFALLS (list outfall numbers)	

IV. IMPROVEMENTS

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

YES (complete the following table)

NO (go to Item IV-B)

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

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

CONTINUED FROM PAGE 2

V. INTAKE AND EFFLUENT CHARACTERISTICS

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

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

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

VI. POTENTIAL DISCHARGES NOT COVERED BY ANALYSIS

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

YES (list all such pollutants below)

NO (go to Item VI-B)

CONTINUED FROM THE FRONT

VII. BIOLOGICAL TOXICITY TESTING DATA

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

YES (identify the test(s) and describe their purposes below)

NO (go to Section VIII)

VIII. CONTRACT ANALYSIS INFORMATION

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

YES (list the name, address, and telephone number of, and pollutants analyzed by, each such laboratory or firm below)

NO (go to Section IX)

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

IX. CERTIFICATION

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

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

Data from worst case composite.

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

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

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.

OUTFALL NO.
 03A148

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

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						d. NO. OF ANALYSES	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)			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	
a. Biochemical Oxygen Demand (BOD)	2.0	22.7						mg/l	g/d			
b. Chemical Oxygen Demand (COD)	42.0	476.9						mg/l	g/d			
c. Total Organic Carbon (TOC)	7.4	84.0						mg/l	g/d			
d. Total Suspended Solids (TSS)	7.0	79.5						mg/l	g/d			
e. Ammonia (as N)	< .01	< 0.114						mg/l	g/d			
f. Flow	VALUE 3000		VALUE		VALUE			gal/day		VALUE		
g. Temperature (winter)	VALUE 36.9 C		VALUE		VALUE			°C		VALUE		
h. Temperature (summer)	VALUE		VALUE		VALUE			°C		VALUE		
i. pH	MINIMUM 6.8	MAXIMUM 8.8	MINIMUM 6.0	MAXIMUM 9.0	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	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	
a. Bromide (24959-67-9)	X		3.24	36.8						mg/l	g/d			
b. Chlorine, Total Residual		X	0.0	0.0						mg/l	mg/d			
c. Color	X		10							units				
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)	X		0.52	5.9						mg/l	g/d			
f. Nitrate-Nitrite (as N)	X		1.13	12.8						mg/l	g/d			

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X'		3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. BELIEVED PRESENT	b. BELIEVED ABSENT	B. MAXIMUM DAILY VALUE		D. MAXIMUM 30 DAY VALUE (if available)		C. LONG TERM AVG. VALUE (if available)		d. NO. OF ANALYSES	e. CONCENTRATION	f. MASS	g. LONG TERM AVERAGE VALUE		h. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
g. Nitrogen, Total Organic (as N)	X		2.3	26.1						mg/l	g/d			
h. Oil and Grease		X	< 1.2	< 13.6						mg/l	g/d			
i. Phosphorus (as P), Total (7723-14-0)	X		.306	3.5						mg/l	g/d			
j. Radioactivity														
(1) Alpha, Total	X		14	159.0						pCi/l	nCi/d			
(2) Beta, Total	X		6.6	74.9						pCi/l	nCi/d			
(3) Radium, Total	X													
(4) Radium 226, Total	X		0.07	0.8						pCi/l	nCi/d			
k. Sulfate (as SO ₄) (14806-79-8)	X		143	1.6						mg/l	kg/d			
l. Sulfide (as S)	X		70.2	797.1						mg/l	g/d			
m. Sulfite (as SO ₃) (14265-45-3)	X		18.8	213.5						mg/l	g/d			
n. Surfactants	X		0.11	1.2						mg/l	g/d			
o. Aluminum, Total (7429-90-5)	X		0.06	0.7						mg/l	g/d			
p. Barium, Total (7440-39-3)	X		0.11	1.2						mg/l	g/d			
q. Boron, Total (7440-42-8)	X		0.33	3.7						mg/l	g/d			
r. Cobalt, Total (7440-48-4)		X	0.07	0.8						mg/l	g/d			
s. Iron, Total (7439-89-6)	X		1.1	12.5						mg/l	g/d			
t. Magnesium, Total (7439-95-4)	X		5.8	65.9						mg/l	g/d			
u. Molybdenum, Total (7439-98-7)	X		1.7	19.3						mg/l	g/d			
v. Manganese, Total (7439-96-5)	X		0.05	0.6						mg/l	g/d			
w. Tin, Total (7440-31-5)		X	< 0.050	< 0.6						mg/l	g/d			
x. Titanium, Total (7440-32-6)		X	< 0.004	< 45.4						mg/l	mg/d			

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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	a. CONCENTRATION	b. MASS	3. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS						
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)			X	< 0.050	< 0.6						mg/l	g/d			
2M. Arsenic, Total (7440-38-2)		X		0.04	0.5						mg/l	g/d			
3M. Beryllium, Total, (7440-41-7)			X	< 0.1	< 1.1						mg/l	g/d			
4M. Cadmium, Total (7440-43-9)		X		.004	45.4						mg/l	mg/d			
5M. Chromium, Total (7440-47-3)		X		.260	3.0						mg/l	g/d			
6M. Copper, Total (7440-50-8)		X		0.1	1.1						mg/l	g/d			
7M. Lead, Total (7439-92-1)		X		.050	0.6						mg/l	g/d			
8M. Mercury, Total (7439-97-6)			X	< .0002	< 2.3						mg/l	mg/d			
9M. Nickel, Total (7440-02-0)		X		.28	3.2						mg/l	g/d			
0M. Selenium, total (7782-49-2)			X	< .001	< 11.4						mg/l	mg/d			
1M. Silver, Total (7440-22-4)			X	< 0.01	< 0.1						mg/l	g/d			
2M. Thallium, total (7440-28-0)		X		0.51	5.8						mg/l	g/d			
3M. Zinc, Total (7440-66-6)		X		.071	0.8						mg/l	g/d			
4M. Cyanide, total (57-12-6)		X		.033	0.4						mg/l	g/d			
5M. Phenols, total			X	< .01	< 0.1						mg/l	g/d			
DIOXIN															
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	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	
GC/MS FRACTION - VOLATILE COMPOUNDS															
V. Acrolein (107-02-8)			X												
V. Acrylonitrile (107-13-1)			X												
V. Benzene (71-43-2)			X	< 0.005	< 56.8						mg/l	mg/d			
V. Bis (Chloroethyl) Ether (542-88-1)			X												
V. Bromoform (75-25-2)			X	< 0.005	< 56.8						mg/l	mg/d			
V. Carbon tetrachloride (56-23-5)			X	< 0.005	< 56.8						mg/l	mg/d			
V. Chlorobenzene (108-90-7)			X	< 0.005	< 56.8						mg/l	mg/d			
V. Chlorodibromomethane (124-48-1)			X	< 0.005	< 56.8						mg/l	mg/d			
V. Chloroethane (75-00-3)			X	< 0.010	< 0.1						mg/l	g/d			
V. 2-Chloroethylvinyl Ether (110-75-8)			X												
V. Chloroform (67-66-3)			X	< 0.005	< 56.8						mg/l	mg/d			
V. Dichlorodibromomethane (75-27-4)			X	< 0.005	< 56.8						mg/l	mg/d			
V. Dichlorodifluoromethane (75-71-8)			X												
V. 1,1-Dichloroethane (75-34-3)			X	< 0.005	< 56.8						mg/l	mg/d			
V. 1,2-Dichloroethane (107-06-2)			X	< 0.005	< 56.8						mg/l	mg/d			
V. 1,1-Dichloroethylene (75-35-4)			X	< 0.005	< 56.8						mg/l	mg/d			
V. 1,2-Dichloropropane (78-87-5)			X	< 0.005	< 56.8						mg/l	kg/d			
V. 1,3-Dichloropropylene (542-75-8)			X	< 0.005	< 56.8						mg/l	mg/d			
V. Ethylbenzene (100-41-4)			X	< 0.005	< 56.8						mg/l	mg/d			
V. Methyl Bromide (74-83-9)			X	< 0.010	< 0.1						mg/l	g/d			
V. Methyl Chloride (74-87-3)			X	< 0.010	< 0.1						mg/l	g/d			

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	B. MAXIMUM DAILY VALUE		D. MAXIMUM 30 DAY VALUE (if available)		G. LONG TERM AVRG. VALUE (if available)		D. NO. OF ANAL-YSES	B. CONCENT-RATION	D. MASS	B. 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	
GC/MS FRACTION - VOLATILE COMPOUNDS (continued)															
22V. Methylene Chloride (75-09-2)			X	< 0.005	< 56.8						mg/l	mg/d			
23V. 1,1,2,2-Tetra-chloroethane (79-34-5)			X	< 0.005	< 56.8						mg/l	mg/d			
24V. Tetrachloro-ethylene (127-18-4)			X	< 0.005	< 56.8						mg/l	mg/d			
25V. Toluene (108-88-3)			X	< 0.005	< 56.8						mg/l	mg/d			
26V. 1,2-Trans-Dichloroethylene (156-60-5)			X	< 0.005	< 56.8						mg/l	mg/d			
27V. 1,1,1-Tri-chloroethane (71-55-6)			X	< 0.005	< 56.8						mg/l	mg/d			
28V. 1,1,2-Trt-chloroethane (79-00-5)			X	< 0.005	< 56.8						mg/l	mg/d			
29V. Trichloro-ethylene (79-01-6)			X	< 0.005	< 56.8						mg/l	mg/d			
30V. Trichloro-fluoromethane (75-69-4)			X	< 0.005	< 56.8						mg/l	mg/d			
31V. Vinyl Chloride (75-01-4)			X	< 0.010	< 0.1						mg/l	g/d			
GC/MS FRACTION - ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)			X	< 0.010	< 0.1						mg/l	g/d			
2A. 2,4-Dichloro-phenol (120-83-2)			X	< 0.010	< 0.1						mg/l	g/d			
3A. 2,4-Dimethyl-phenol (105-67-9)			X	< 0.010	< 0.1						mg/l	g/d			
4A. 4,6-Dinitro-O-Cresol (534-52-1)			X	< 0.010	< 0.1						mg/l	g/d			
5A. 2,4-Dinitro-phenol (51-28-5)			X	< 0.010	< 0.1						mg/l	g/d			
6A. 2-Nitrophenol (88-75-5)			X	< 0.010	< 0.1						mg/l	g/d			
7A. 4-Nitrophenol (100-02-7)			X	< 0.010	< 0.1						mg/l	g/d			
8A. P-Chloro-M-Cresol (59-50-7)			X	< 0.010	< 0.1						mg/l	g/d			
9A. Pentachloro-phenol (87-86-5)			X	< 0.010	< 0.1						mg/l	g/d			
10A. Phenol (108-95-2)			X	< 0.010	< 0.1						mg/l	g/d			
11A. 2,4,6-Tri-chlorophenol (88-06-2)			X	< 0.010	< 0.1						mg/l	g/d			
											mg/l	g/d			

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TEST-ING RE-QUIRE-ED	b. RE-LEASED PRE-SENT	c. RE-LEASED AS-SERT	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	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	
3C/MS FRACTION - BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)			X	< 0.010	< 0.1						mg/l	g/d			
2B. Acenaphthylene (208-96-8)			X	< 0.010	< 0.1						mg/l	g/d			
3B. Anthracene (120-12-7)			X	< 0.010	< 0.1						mg/l	g/d			
4B. Benzidine (92-87-5)			X	< 0.010	< 0.1						mg/l	g/d			
5B. Benzo (a) Anthracene (56-85-3)			X	< 0.010	< 0.1						mg/l	g/d			
6B. Benzo (a) Pyrene (50-32-8)			X	< 0.010	< 0.1						mg/l	g/d			
7B. 3,4-Benzo-fluoranthene (205-99-2)			X	< 0.010	< 0.1						mg/l	g/d			
8B. Benzo (ghi) Perylene (191-24-2)			X	< 0.010	< 0.1						mg/l	g/d			
9B. Benzo (k) Fluoranthene (207-08-9)			X	< 0.010	< 0.1						mg/l	g/d			
10B. Bis (2-Chloro-ethoxy) Methane (111-91-1)			X	< 0.010	< 0.1						mg/l	g/d			
11B. Bis (2-Chloro-ethyl) Ether (111-44-4)			X	< 0.010	< 0.1						mg/l	g/d			
12B. Bis (2-Chloroiso-propyl) Ether (102-60-1)			X	< 0.010	< 0.1						mg/l	g/d			
13B. Bis (2-Ethyl-hexyl) Phthalate (117-81-7)			X	< 0.010	< 0.1						mg/l	g/d			
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)			X	< 0.010	< 0.1						mg/l	g/d			
15B. Butyl Benzyl Phthalate (85-68-7)			X	< 0.010	< 0.1						mg/l	g/d			
16B. 2-Chloro-naphthalene (91-58-7)			X	< 0.010	< 0.1						mg/l	g/d			
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)			X	< 0.010	< 0.1						mg/l	g/d			
18B. Chrysene (218-01-9)			X	< 0.010	< 0.1						mg/l	g/d			
19B. Dibenzo (a,h) Anthracene (53-70-3)			X	< 0.010	< 0.1						mg/l	g/d			
20B. 1,2-Dichloro-benzene (95-50-1)			X	< 0.010	< 0.1						mg/l	g/d			
21B. 1,3-Dichloro-benzene (541-73-1)			X	< 0.010	< 0.1						mg/l	g/d			

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1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	TESTING REQUIRED	D. BELIEVED PRESENT	C. BELIEVED ABSENT	B. MAXIMUM DAILY VALUE		D. MAXIMUM 30 DAY VALUE (if available)		C. LONG TERM AVG. VALUE (if available)		d. NO. OF ANALYSES	A. CONCENTRATION	B. MASS	S. 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	< 0.1						mg/l	g/d			
23B. 3,3'-Dichlorobenzidine (91-94-1)			X	< 0.010	< 0.1						mg/l	g/d			
24B. Diethyl Phthalate (84-66-2)			X	< 0.010	< 0.1						mg/l	g/d			
25B. Dimethyl Phthalate (131-11-3)			X	< 0.010	< 0.0						mg/l	g/d			
26B. Di-N-Butyl Phthalate (84-74-2)			X	< 0.010	< 0.1						mg/l	g/d			
27B. 2,4-Dinitrotoluene (121-14-2)			X	< 0.010	< 0.1						mg/l	g/d			
28B. 2,6-Dinitrotoluene (606-20-2)			X	< 0.010	< 0.1						mg/l	g/d			
29B. Di-N-Octyl Phthalate (117-84-0)			X	< 0.010	< 0.1						mg/l	g/d			
30B. 1,2-Diphenylhydrazine (as Azobenzene) (122-66-7)			X	< 0.010	< 0.1						mg/l	g/d			
31B. Fluoranthene (206-44-0)			X	< 0.010	< 0.1						mg/l	g/d			
32B. Fluorane (86-73-7)			X	< 0.010	< 0.1						mg/l	g/d			
33B. Hexachlorobenzene (118-74-1)			X	< 0.010	< 0.1						mg/l	g/d			
34B. Hexachlorobutadiene (87-68-3)			X	< 0.010	< 0.1						mg/l	g/d			
35B. Hexachlorocyclopentadiene (77-47-4)			X	< 0.010	< 0.1						mg/l	g/d			
36B. Hexachloroethane (67-72-1)			X	< 0.010	< 0.1						mg/l	g/d			
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)			X	< 0.010	< 0.1						mg/l	g/d			
38B. Isophorone (78-59-1)			X	< 0.010	< 0.1						mg/l	g/d			
39B. Naphthalene (91-20-3)			X	< 0.010	< 0.1						mg/l	g/d			
40B. Nitrobenzene (98-95-3)			X	< 0.010	< 0.1						mg/l	g/d			
41B. N-Nitrosodimethylamine (62-75-9)			X	< 0.010	< 0.1						mg/l	g/d			
42B. N-Nitrosodi-N-Propylamine (621-64-7)			X	< 0.010	< 0.1						mg/l	g/d			

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TESTING RE-REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	b. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	b. CONCENTRATION	d. 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	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)															
43B. N-Nitrosodiphenylamine (86-30-6)			X	< 0.010	< 0.1						mg/l	g/d			
44B. Phenanthrene (85-01-8)			X	< 0.010	< 0.1						mg/l	g/d			
45B. Pyrene (129-00-0)			X	< 0.010	< 0.1						mg/l	g/d			
46B. 1,2,4-Trichlorobenzene (120-82-1)			X	< 0.010	< 0.1						mg/l	g/d			
GC/MS FRACTION - PESTICIDES															
1P. Aldrin (809-00-2)			X	< 0.06	< 0.7						ug/l	mg/d			
2P. α-BHC (819-84-6)			X	< 0.04	< 0.5						ug/l	mg/d			
3P. β-BHC (819-85-7)			X	< 0.1	< 1.1						ug/l	mg/d			
4P. γ-BHC (58-89-8)			X	< 0.03	< 0.3						ug/l	mg/d			
5P. δ-BHC (819-86-8)			X	< 0.12	< 1.4						ug/l	mg/d			
6P. Chlordane (57-74-9)			X	< 0.25	< 2.8						ug/l	mg/d			
7P. 4,4'-DDT (50-29-3)			X	< 0.06	< 0.7						ug/l	mg/d			
8P. 4,4'-DDE (72-65-9)			X	< 0.08	< 0.9						ug/l	mg/d			
9P. 4,4'-DDD (72-54-8)			X	< 0.08	< 0.9						ug/l	mg/d			
10P. Dieldrin (50-57-1)			X	< 0.08	< 0.9						ug/l	mg/d			
11P. α-Endosulfan (115-29-7)			X	< 0.05	< 0.6						ug/l	mg/d			
12P. β-Endosulfan (115-29-7)			X	< 0.08	< 0.9						ug/l	mg/d			
13P. Endosulfan Sulfate (1031-07-8)			X	< 0.09	< 1.0						ug/l	mg/d			
14P. Endrin (72-20-8)			X	< 0.06	< 0.7						ug/l	mg/d			
15P. Endrin Aldehyde (7421-93-4)			X	< 0.62	< 7.0						ug/l	mg/d			
16P. Heptachlor (76-44-8)			X	< 0.03	< 0.3						ug/l	mg/d			

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EPA I.D. NUMBER (copy from Item 1 of Form 1) **NM0890010515** **OUTFALL NUMBER**
03A148

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	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	
GC/MS FRACTION — PESTICIDES (continued)															
17P. Heptachlor Epoxide (1024-57-3)			X	< 0.08	< 0.9						ug/l	mg/d			
18P. PCB-1242 (53469-21-9)			X	< 0.71	< 8.1						ug/l	mg/d			
19P. PCB-1254 (11097-69-1)			X	< 0.71	< 8.1						ug/l	mg/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	< 0.71	< 8.1						ug/l	mg/d			
24P. PCB-1016 (12674-11-2)			X	N.D.											
25P. Toxaphene (8001-35-2)			X	< 2.5	< 28.4						ug/l	mg/d			

01S EFFLUENT OR
POTABLE WATER
MAKE-UP 9000 GPD

COOLING TOWER

EVAPORATION
6000 GPD

TREATED COOLING
WATER DISCHARGE
TO 03A148
3000 GPD

DECHLORINATION

TA-3-1837
COOLING TOWER

NTS

DYE STUDY INFORMATION

BUILDING NUMBER	DRAIN NUMBER	DID DYE REACH EXPECTED DESTINATION?	COMMENTS
3-123	1SD1	YES	
3-123	1SD2	YES	
3-123	1TL1	YES	
3-123	2LV2	YES	
3-132	1FD2	YES	
3-132	1FD5	YES	
3-132	1FD9	YES	
3-132	1FD13	YES	
3-132	1FD19	YES	
3-132	1FD22	YES	
3-132	1FD23	YES	
3-132	1FD26	YES	
3-132	1FD32	YES	
3-132	1FD42	YES	
3-132	1LV1	YES	
3-132	1LV2	YES	
3-132	1SD2	YES	
3-132	1SD3	YES	
3-132	1SH3	YES	
3-132	1SLS1	YES	
3-132	1SLS2	YES	
3-132	1SLS3	YES	
3-132	1SLS4	YES	
3-132	1SLS5	YES	
3-132	1TL1	YES	
3-132	1TL2	YES	
3-132	1TL4	YES	
3-132	1TL7	YES	
3-132	1WF3	YES	
3-132	2FD1	YES	
3-132	2SD2	YES	
3-132	2SD4	YES	
3-132	2TL2	YES	
3-132	2TL3	YES	

DYE STUDY INFORMATION

BUILDING NUMBER	DRAIN NUMBER	DID DYE REACH EXPECTED DESTINATION?	COMMENTS
3-132	2TL7	YES	
3-132	3SD1	YES	
3-132	3TL2	YES	
3-200	1LV1	YES	
3-200	1SD2	YES	
3-200	1SD4	YES	
3-200	1TL4	YES	
3-200	2LV3	YES	
3-200	2TL1	YES	
3-200	2WF2	YES	
3-200	2WF3	YES	
3-1498	1FD2	NO	DRAINS TO STORM SEWER
3-1498	1FD5	NO	DRAINS TO STORM SEWER
3-1498	1FD11	YES	PERMITTED OUTFALL 03A148
3-1498	1SD3	YES	
3-1498	1SD4	YES	
3-1498	1SH1	YES	
3-1498	1SH3	YES	
3-1498	1TL1	YES	
3-1498	1TL2	YES	
3-1498	1TL4	YES	
3-1498	1TL8	YES	
3-1498	2SD2	YES	
3-1498	2SH2	YES	
3-1498	2SH3	YES	
3-1498	2TL1	YES	
3-1498	2TL2	YES	
3-1498	2TL4	YES	
3-1498	2TL8	YES	
3-1498	3SD1	YES	
3-1498	3SD2	YES	
3-1498	3SD3	YES	
3-1498	3SD4	YES	
3-1498	3SH2	YES	
3-1498	3SH3	YES	
3-1498	3TL1	YES	
3-1498	3TL2	YES	
3-1498	3TL4	YES	
3-1498	3TL8	YES	

DYE STUDY INFORMATION

BUILDING NUMBER	DRAIN NUMBER	DID DYE REACH EXPECTED DESTINATION?	COMMENTS
3-1806	1TL1	YES	
3-2011	1FS2	YES	
3-2011	2SD1	YES	
3-2011	2TL4	YES	

TO CITY OF
LOS ALAMOS

TO TA-53

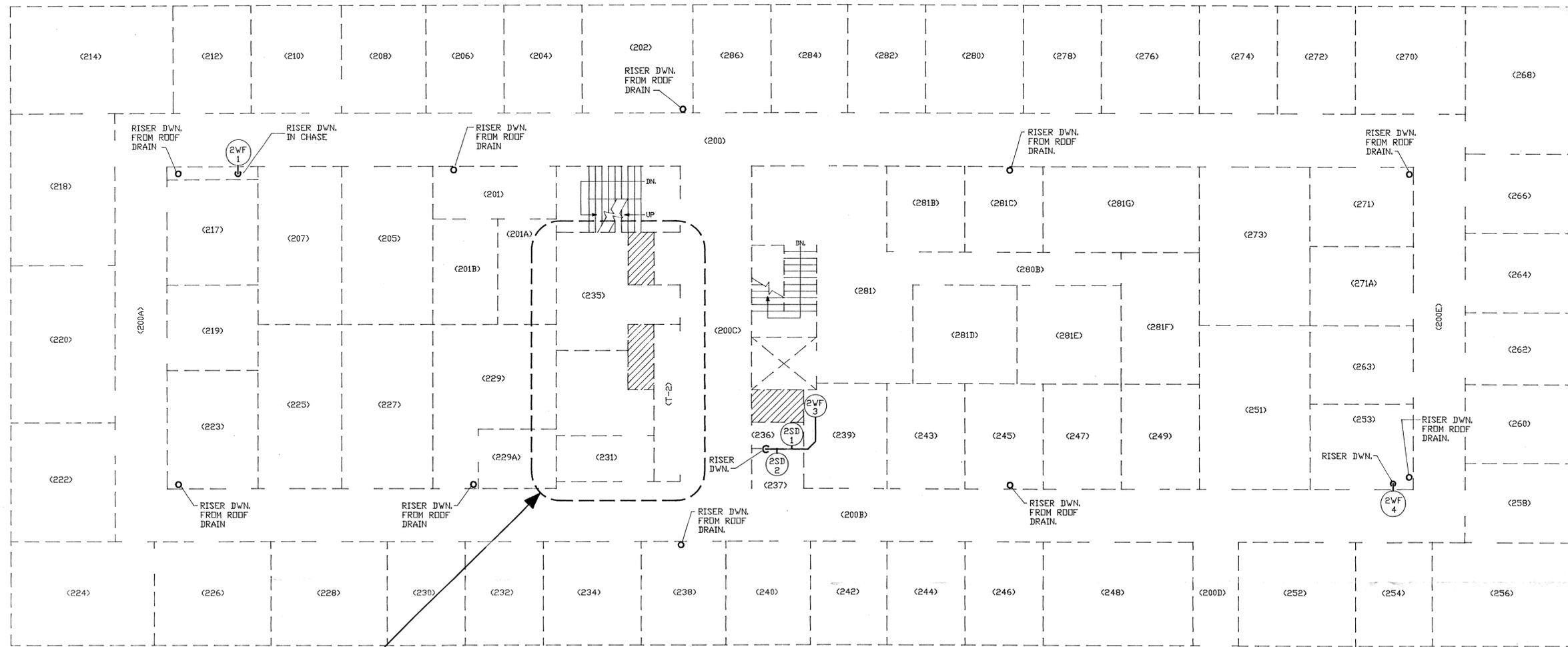


SYMBOL LEGEND	
— SS —	SANITARY SEWER

SANITARY SEWER TO
TA-3 SEWAGE COLLECTOR

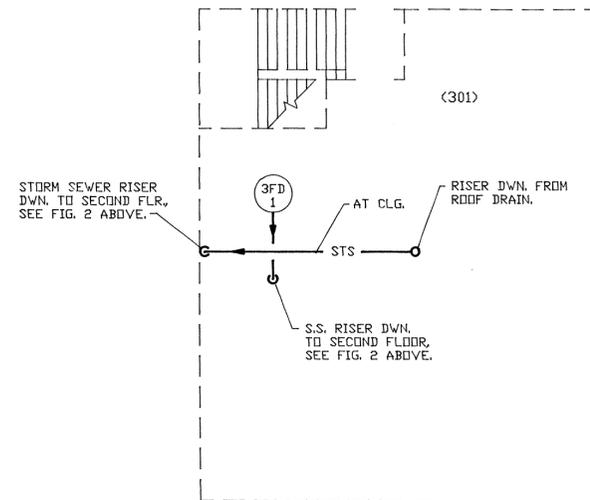
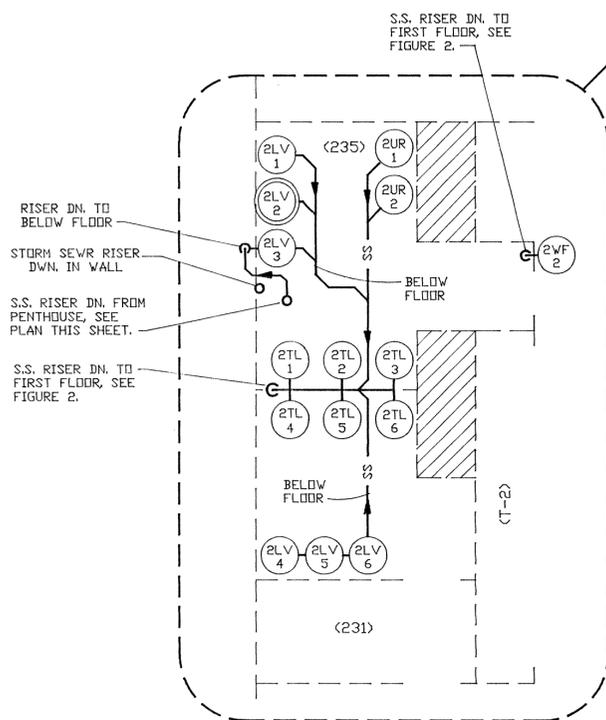
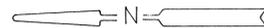
15290-A

SANTA FE ENGINEERING, LTD.			
TA-3 PARTIAL SITE PLAN		DRAWN	D.A.H.
		DESIGN	M.E.W.
		CHECKED	P.E.B.
		DATE	11-25-92
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	11056-51	FIGURE 1	



SECOND FLOOR PLAN

NOT TO SCALE



THIRD FLOOR PENTHOUSE

NOT TO SCALE

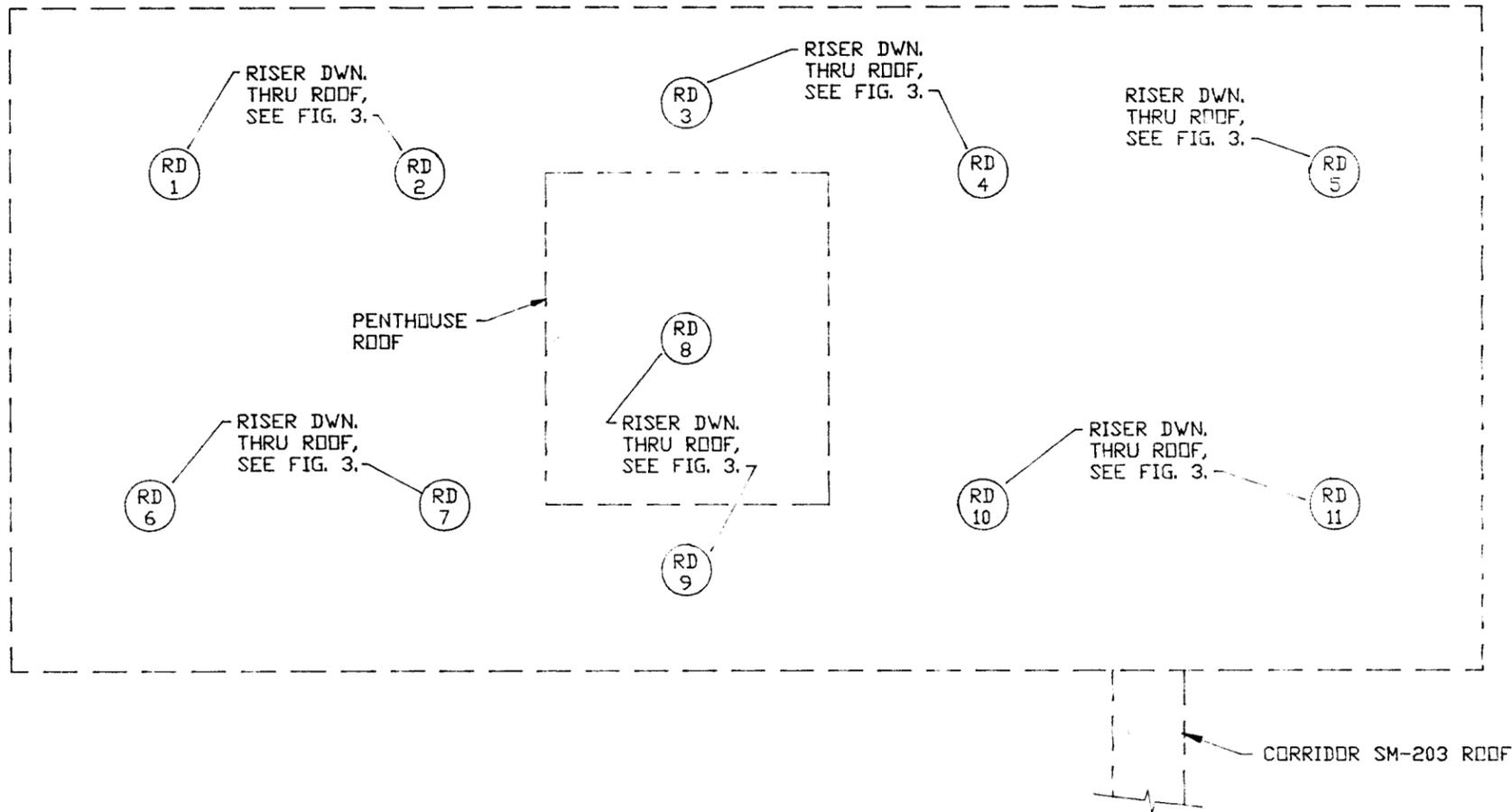
SYMBOL LEGEND	
ED	EYE WASH DRAIN
FD	FLOOR DRAIN
LV	LAVATORY
SD	SINK DRAIN
SS	SANITARY SEWER
STS	STORM SEWER
TL	TOILET
UR	URINAL
WF	WATER FOUNTAIN

DYE TESTED DRAIN

NOTE:
THIS DRAIN SCHEMATIC WAS DERIVED FROM L.A.N.L. DRAWINGS C-32144, C-32145, C-32146, C-32147, C-32173, C-32174, 32175, R-3201, R-3202 AND SITE VISITS.

15290-C

SANTA FE ENGINEERING, LTD.			
DRAWN	M.E.W.		
DESIGN	M.E.W.		
CHECKED	P.E.B.		
DATE	11-25-92		
SUBMITTED	RECOMMENDED	APPROVED	
Los Alamos		Los Alamos National Laboratory	SHEET 2 OF 3
Los Alamos, New Mexico 87545			
CLASSIFICATION	REVIEWER	DATE	
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP	11056-51	FIGURE 3	



SYMBOL LEGEND	
RD	ROOF DRAIN

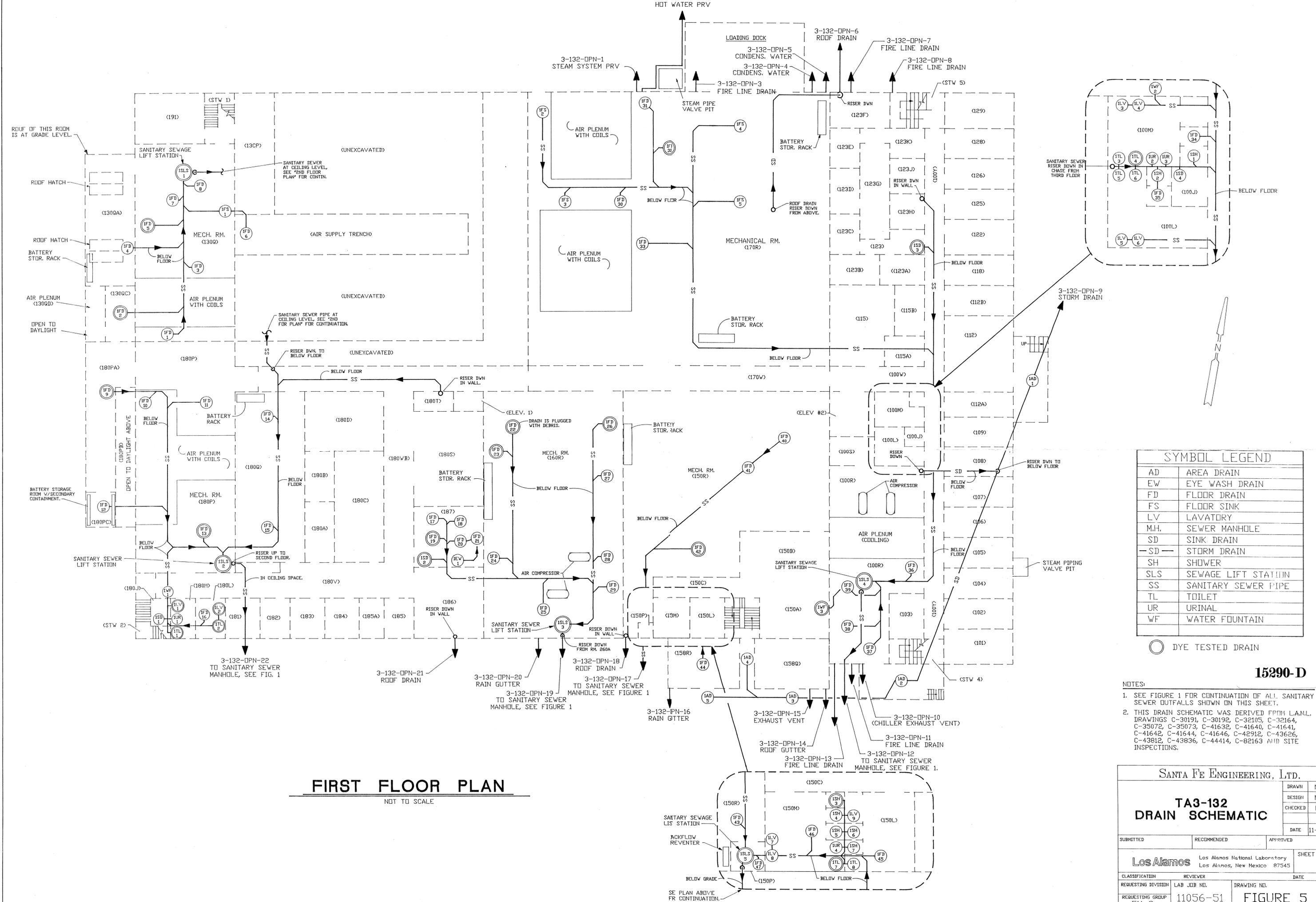
NOTE:

THIS DRAIN SCHEMATIC WAS DERIVED FROM L.A.N.L. DRAWINGS C-32144, C-32145, C-32146, C-32147, C-32173, C-32174, C-32175, R-3201, R-3202 AND SITE VISITS.

ROOF PLAN
NOT TO SCALE

SANTA FE ENGINEERING, LTD.			
TA3-123 and 203 DRAIN SCHEMATIC	DRAWN	M.E.W.	
	DESIGN	M.E.W.	
	CHECKED	P.E.B.	
	DATE	11-25-92	
SUBMITTED	RECOMMENDED	APPROVED	
Los Alamos		Los Alamos National Laboratory Los Alamos, New Mexico 87545	SHEET 3 OF 3
CLASSIFICATION	REVIEWER	DATE	
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP EM-8	11056-51	FIGURE 4	

3-132-OPN-2
HOT WATER PRV



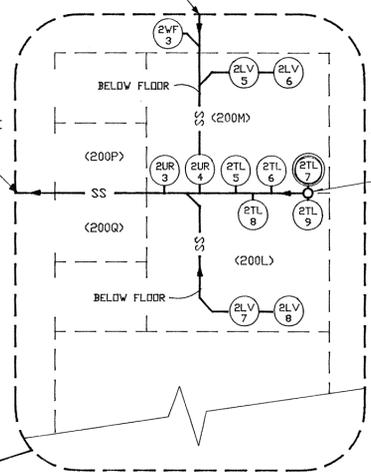
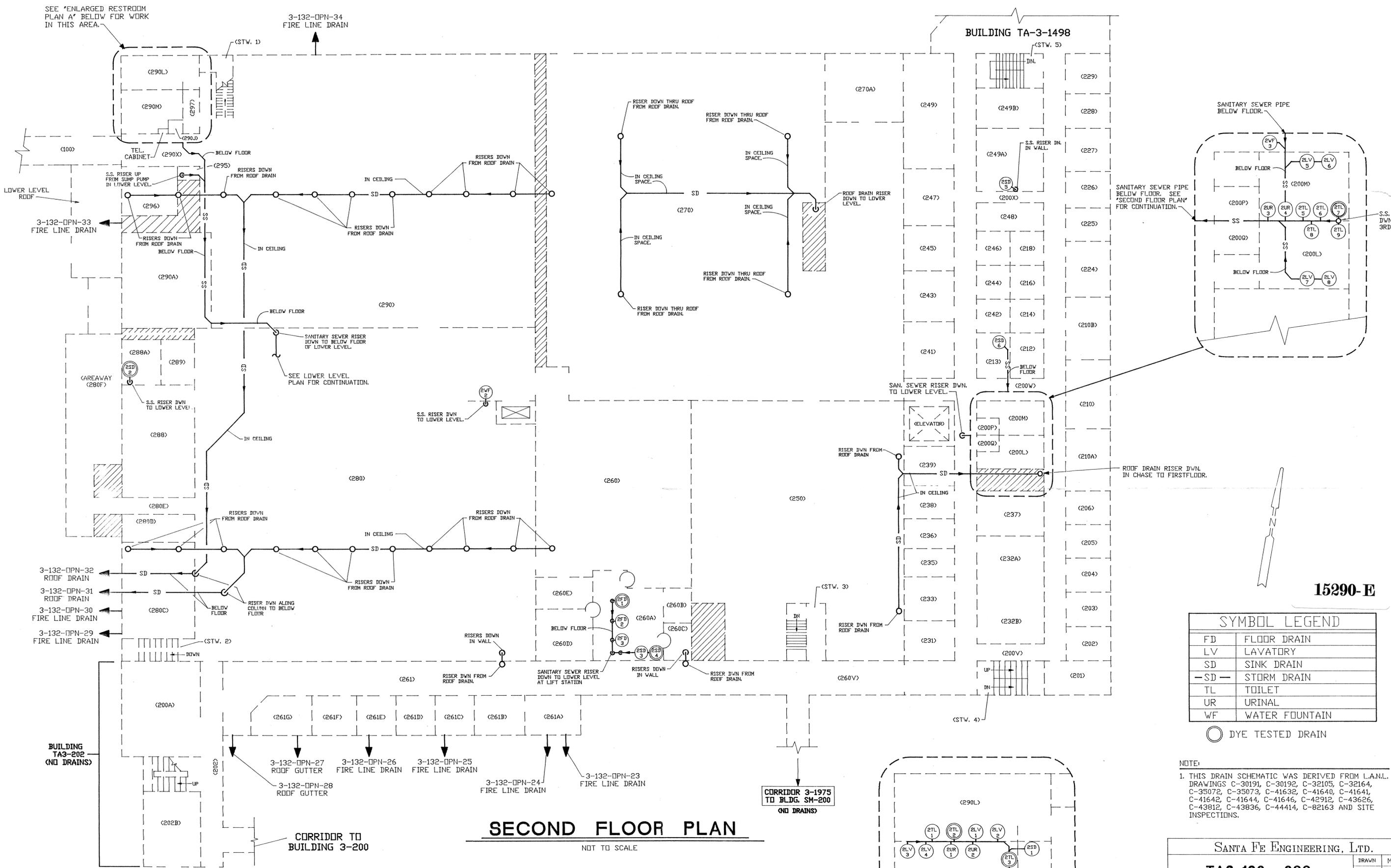
SYMBOL LEGEND	
AD	AREA DRAIN
EW	EYE WASH DRAIN
FD	FLOOR DRAIN
FS	FLOOR SINK
LV	LAVATORY
M.H.	SEWER MANHOLE
SD	SINK DRAIN
-SD-	STORM DRAIN
SH	SHOWER
SLS	SEWAGE LIFT STATION
SS	SANITARY SEWER PIPE
TL	TOILET
UR	URINAL
WF	WATER FOUNTAIN
○	DYE TESTED DRAIN

15290-D

- NOTES:
- SEE FIGURE 1 FOR CONTINUATION OF ALL SANITARY SEWER OUTFALLS SHOWN ON THIS SHEET.
 - THIS DRAIN SCHEMATIC WAS DERIVED FROM L.A.M.L. DRAWINGS C-30191, C-30192, C-32105, C-32164, C-35072, C-35073, C-41632, C-41640, C-41641, C-41642, C-41644, C-41646, C-42912, C-43626, C-43812, C-43836, C-44414, C-82163 AND SITE INSPECTIONS.

FIRST FLOOR PLAN
NOT TO SCALE

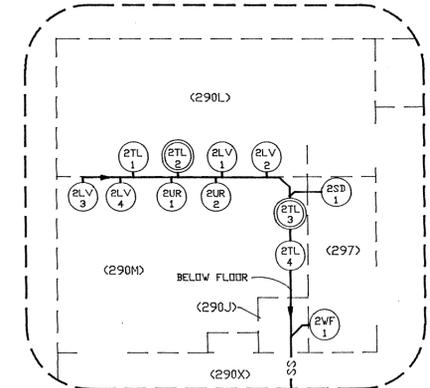
SANTA FE ENGINEERING, LTD.		DRAWN	M.E.W.
TA3-132 DRAIN SCHEMATIC		DESIGN	M.E.W.
		CHECKED	P.E.B.
		DATE	11-25-92
SUBMITTED	RECOMMENDED	APPROVED	
Los Alamos		Los Alamos National Laboratory Los Alamos, New Mexico 87545	SHEET 1 OF 3
CLASSIFICATION	REVIEWER	DATE	
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP	11056-51	FIGURE 5	



15290-E

SYMBOL LEGEND	
FD	FLOOR DRAIN
LV	LAVATORY
SD	SINK DRAIN
-SD-	STORM DRAIN
TL	TOILET
UR	URINAL
WF	WATER FOUNTAIN
○	DYE TESTED DRAIN

NOTE:
 1. THIS DRAIN SCHEMATIC WAS DERIVED FROM L.A.N.L. DRAWINGS C-30191, C-30192, C-32105, C-32164, C-35072, C-35073, C-41632, C-41640, C-41641, C-41642, C-41644, C-41646, C-42912, C-43626, C-43812, C-43836, C-44414, C-82163 AND SITE INSPECTIONS.



SANTA FE ENGINEERING, LTD.

TA3-132, 200 and 1975 DRAIN SCHEMATIC

DRAWN	M.E.W.
DESIGN	M.E.W.
CHECKED	P.E.B.
DATE	11-25-92

SUBMITTED	RECOMMENDED	APPROVED
-----------	-------------	----------

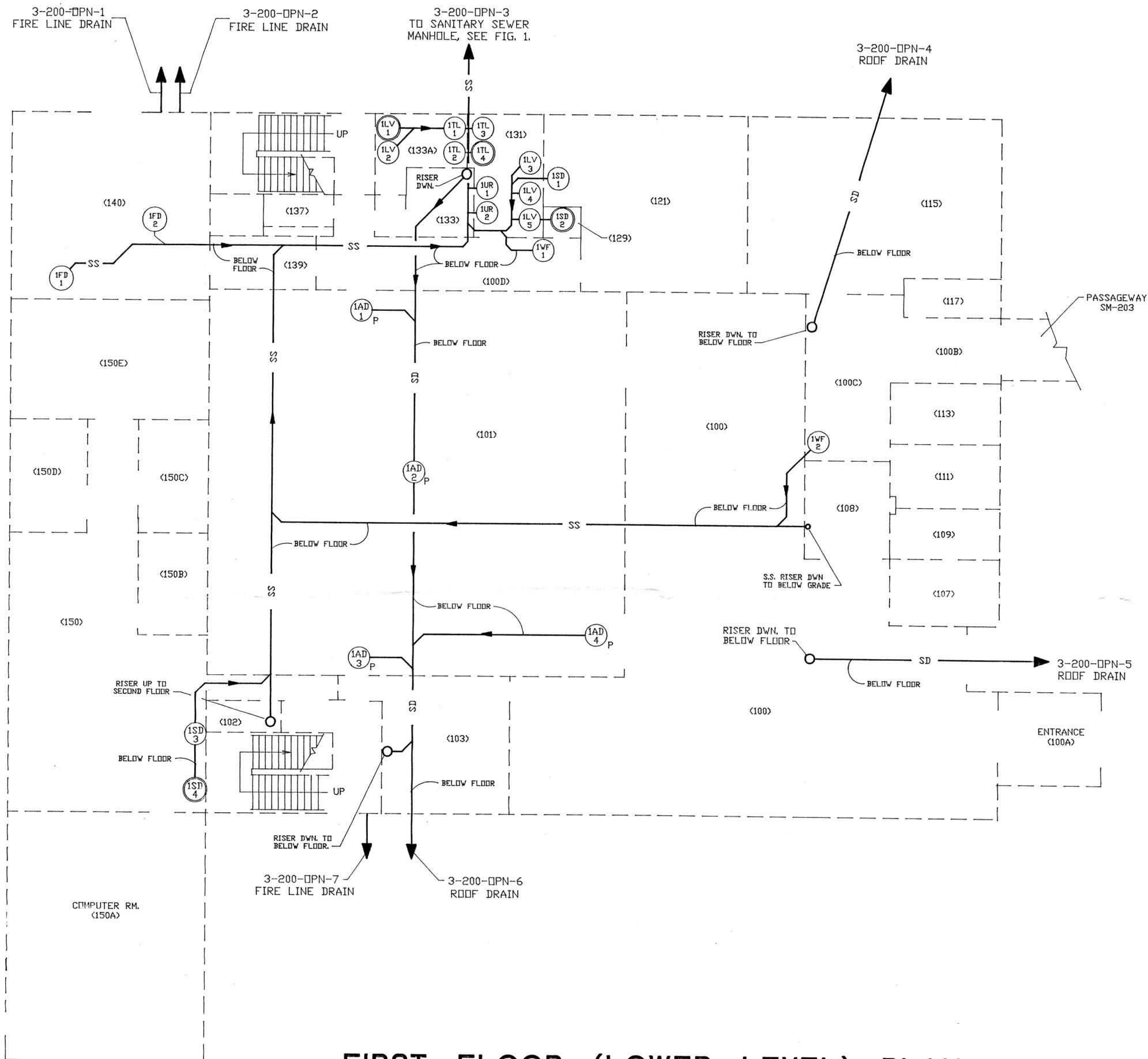
Los Alamos National Laboratory
 Los Alamos, New Mexico 87545

CLASSIFICATION: REVIEWER: DATE:

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

REQUESTING GROUP: EM-8 11056-51 FIGURE 6

SHEET 2 OF 3



SYMBOL LEGEND	
AD	AREA DRAIN
FD	FLOOR DRAIN
LV	LAVATORY
SD	SINK DRAIN
SD	STORM DRAIN
SS	SANITARY SEWER PIPE
TL	TOILET
UR	URINAL
WF	WATER FOUNTAIN

- DYE TESTED DRAIN
- _P DRAIN HAS BEEN PLUGGED

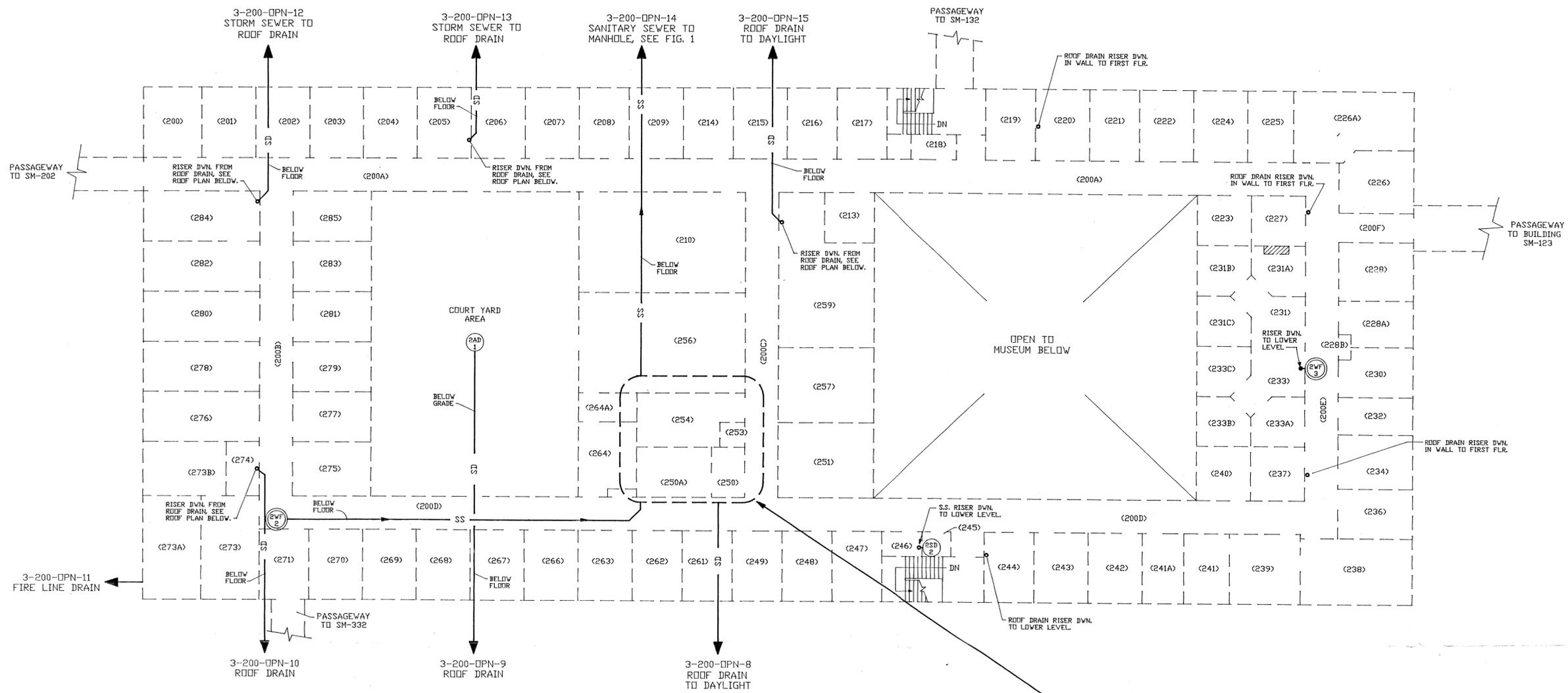
15290-G

- NOTES:
- SEE 'SECOND FLOOR (UPPER LEVEL) PLAN' FOR LOCATIONS OF OPN'S DISCHARGING FROM THAT LEVEL.
 - THIS DRAIN SCHEMATIC WAS DERIVED FROM L.A.N.L. DRAWINGS C-32142, C-32167, C-32168, C-42903, C-44179, C-44284, PL-549, R-3052, R-3053 AND SITE VISITS.

FIRST FLOOR (LOWER LEVEL) PLAN

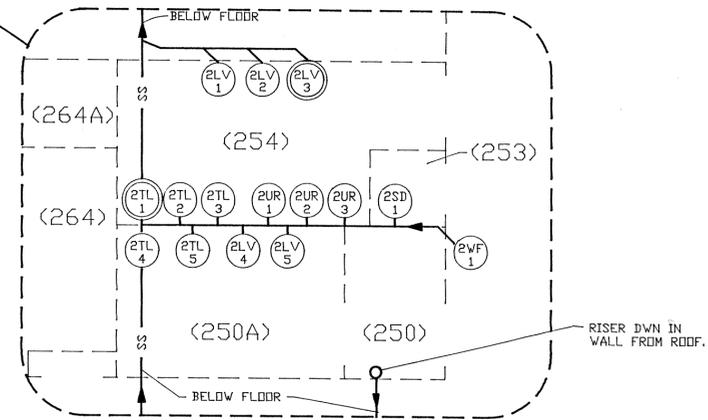
NOT TO SCALE

SANTA FE ENGINEERING, LTD.			
TA3-200 DRAIN SCHEMATIC		DRAWN	D.A.H.
		DESIGN	M.E.W.
		CHECKED	P.E.B.
		DATE	11-25-92
SUBMITTED	RECOMMENDED	APPROVED	
Los Alamos		Los Alamos National Laboratory Los Alamos, New Mexico 87545	
CLASSIFICATION	REVIEWER	DATE	SHEET 1 OF 2
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP	11056-51	FIGURE 8	



SECOND FLOOR PLAN

NOT TO SCALE

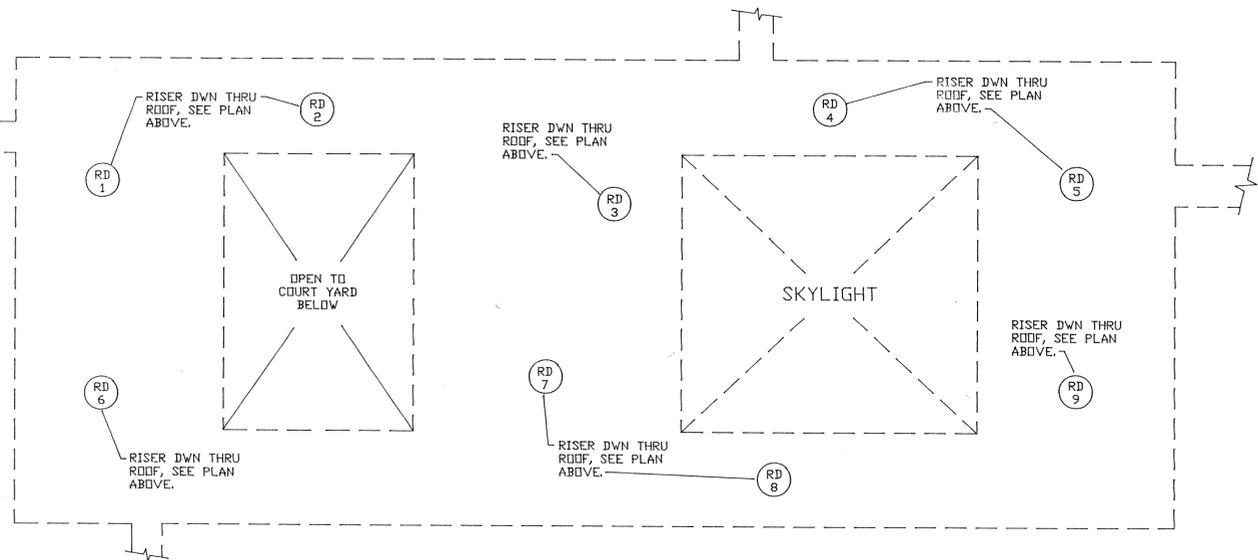


SYMBOL LEGEND	
AD	AREA DRAIN
FD	FLOOR DRAIN
LV	LAVATORY
SD	SINK DRAIN
SS	SANITARY SEWER PIPE
—SD—	STORM DRAIN
TL	TOILET
UR	URINAL
WF	WATER FOUNTAIN

○ DYE TESTED DRAIN

15290-H

NOTE:
THIS DRAIN SCHEMATIC WAS DERIVED FROM L.A.N.L. DRAWINGS C-32142, C-32167, C-32168, C-42903, C-44179, C-44284, R-3052, R-3053 AND SITE VISITS.



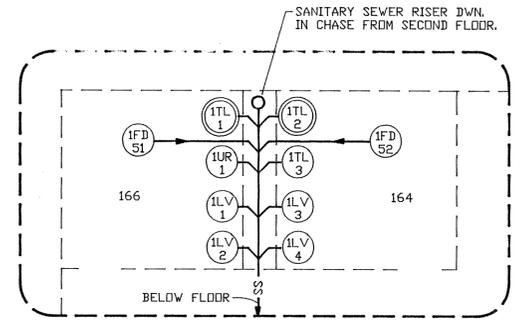
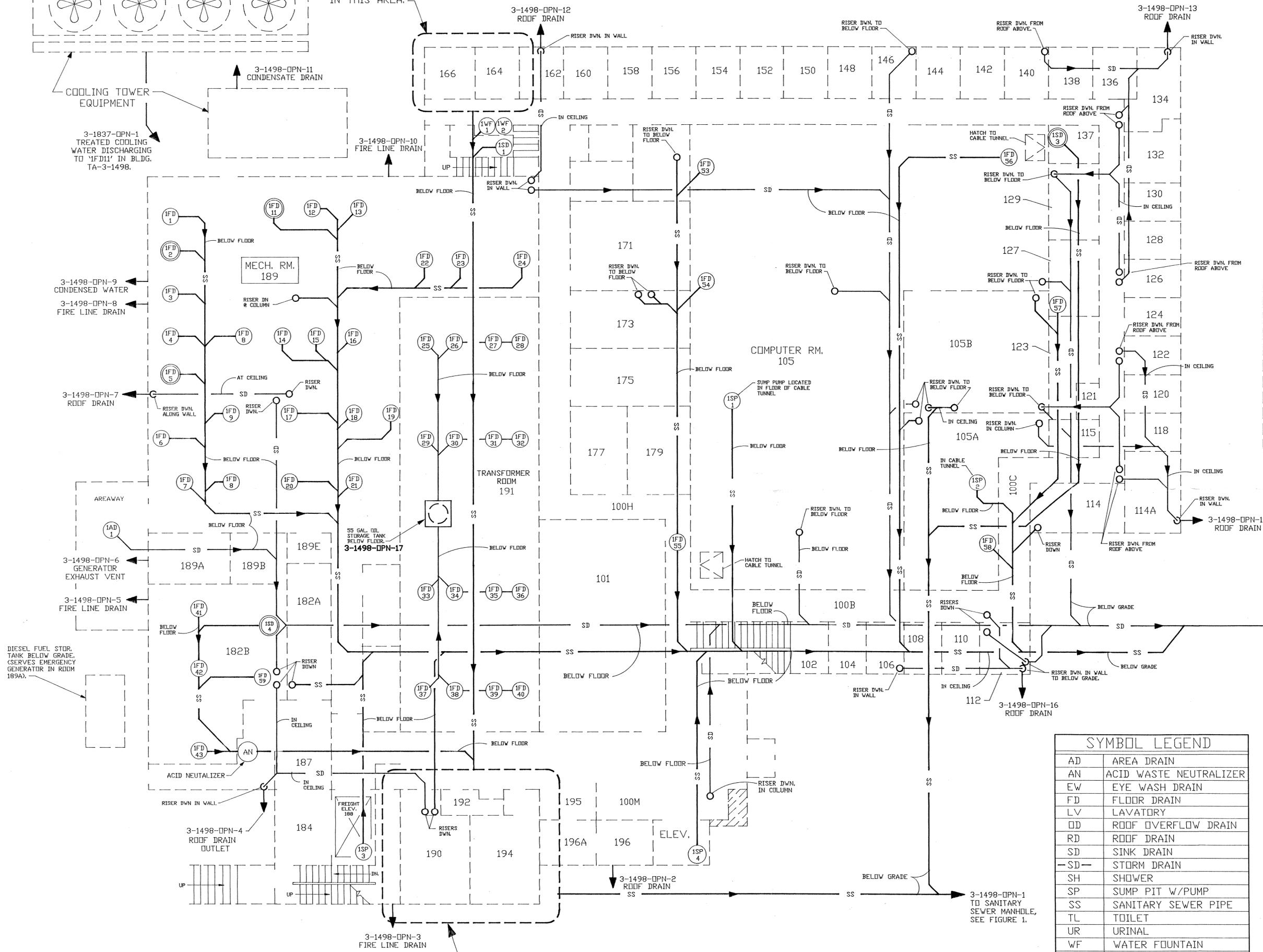
ROOF PLAN

NOT TO SCALE

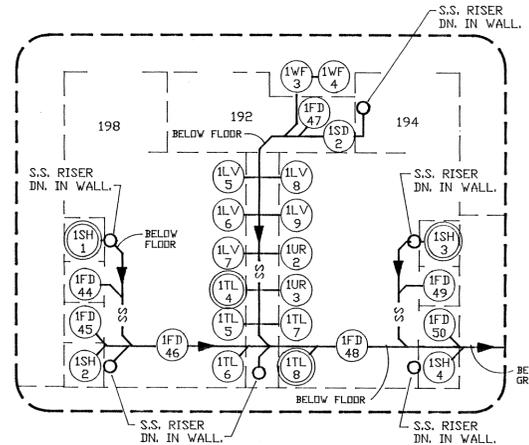
SANTA FE ENGINEERING, LTD.			
TA3-200 DRAIN SCHEMATIC		DESIGN	M.E.W.
		CHECKED	P.E.B.
		DATE	11-25-92
SUBMITTED	RECOMMENDED	APPROVED	
Los Alamos		Los Alamos National Laboratory Los Alamos, New Mexico 87545	SHEET 2 OF 2
CLASSIFICATION	REVIEWER	DATE	
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP EM-8	11056-51	FIGURE 9	

STRUCTURE #1837

SEE "ENLARGED PLAN A",
THIS SHT. FOR DRAINS
IN THIS AREA.



ENLARGED PLAN A
NTS



ENLARGED PLAN B
NTS

SYMBOL LEGEND

AD	AREA DRAIN
AN	ACID WASTE NEUTRALIZER
EW	EYE WASH DRAIN
FD	FLOOR DRAIN
LV	LAVATORY
OD	ROOF OVERFLOW DRAIN
RD	ROOF DRAIN
SD	SINK DRAIN
-SD-	STORM DRAIN
SH	SHOWER
SP	SUMP PIT W/PUMP
SS	SANITARY SEWER PIPE
TL	TOILET
UR	URINAL
WF	WATER FOUNTAIN

NOTE:
THIS DRAIN SCHEMATIC WAS DERIVED FROM L.A.N.L.
DRAWING SET C-45225, SHEETS 1 THROUGH 120
AND SITE VISITS.

SANTA FE ENGINEERING, LTD.

**TA3-1498
DRAIN SCHEMATIC**

DRAWN	M.E.W.
DESIGN	M.E.W.
CHECKED	P.E.B.
DATE	11-25-92

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

CLASSIFICATION: REVIEWER: DATE: SHEET 1 OF 3

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

REQUESTING GROUP: EM-8 11056-51 FIGURE 11

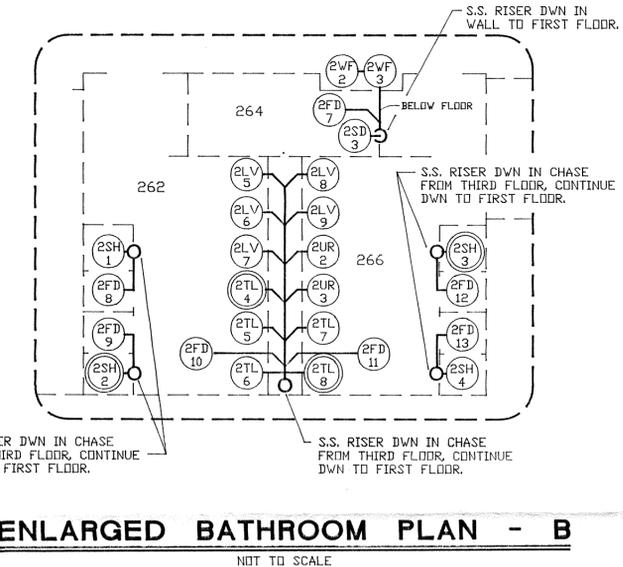
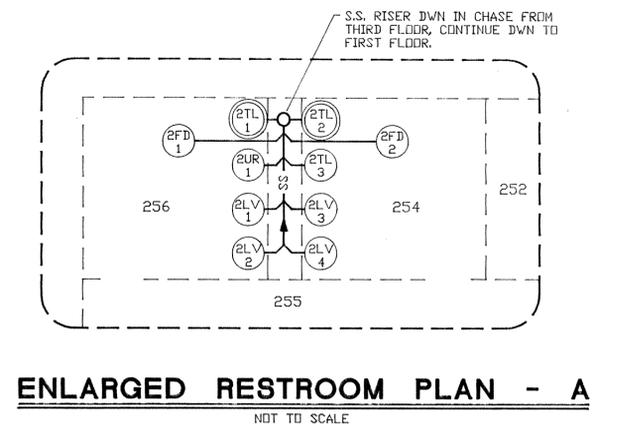
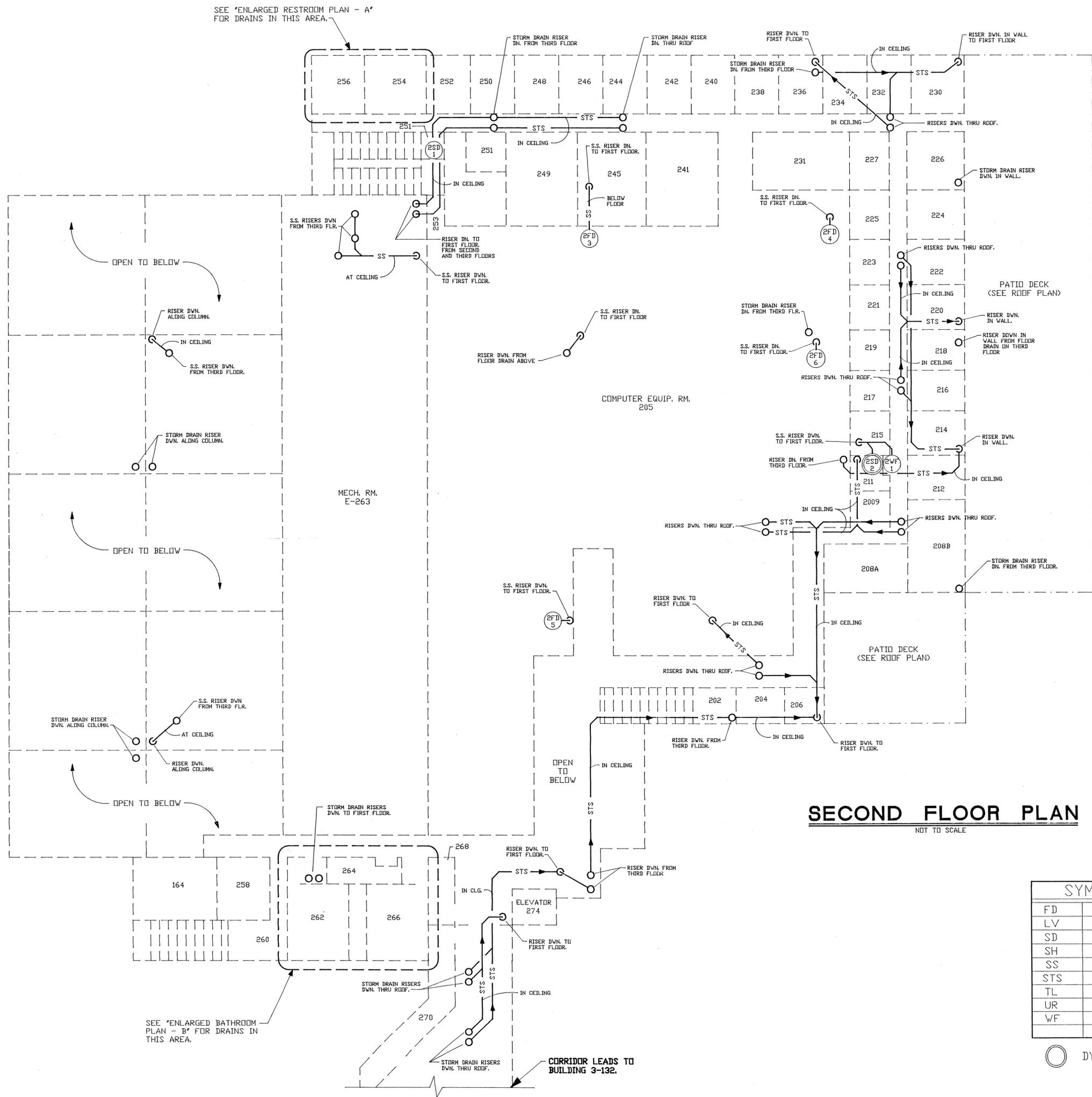
FIRST FLOOR PLAN

NOT TO SCALE

SEE "ENLARGED PLAN B",
FOR THIS SHT. FOR DRAINS
IN THIS AREA.

15290-I

DYE TESTED DRAIN



SECOND FLOOR PLAN
NOT TO SCALE

SYMBOL LEGEND

FD	FLOOR DRAIN
LV	LAVATORY
SD	SINK DRAIN
SH	SHOWER
SS	SANITARY SEWER PIPE
STS	STORM SEWER PIPE
TL	TOILET
UR	URINAL
WF	WATER FOUNTAIN

○ DYE TESTED DRAIN

15290-J

NOTE:
THIS DRAIN SCHEMATIC WAS DERIVED FROM L.A.N.L. DRAWING SET C-45225, SHEETS 1 THROUGH 120 AND SITE VISITS.

SANTA FE ENGINEERING, LTD.

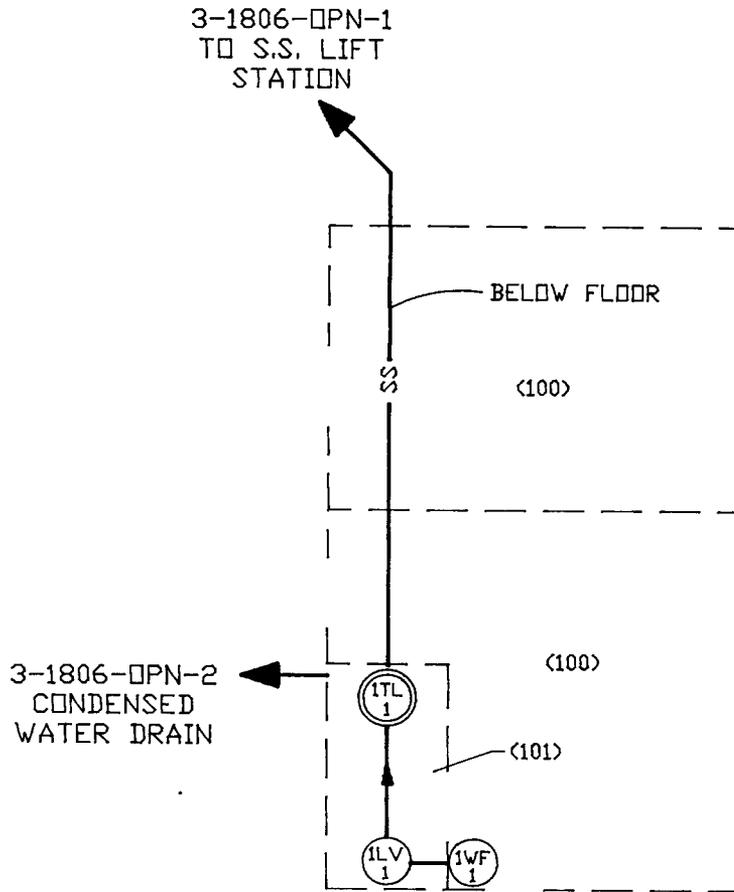
TA3-1498 DRAIN SCHEMATIC

DESIGN	M.E.W.
CHECKED	P.E.B.
DATE	11-25-92

Los Alamos National Laboratory
Los Alamos, New Mexico 87545

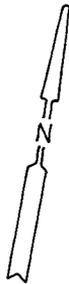
CLASSIFICATION: REVIEWER: DATE: SHEET 2 OF 3

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



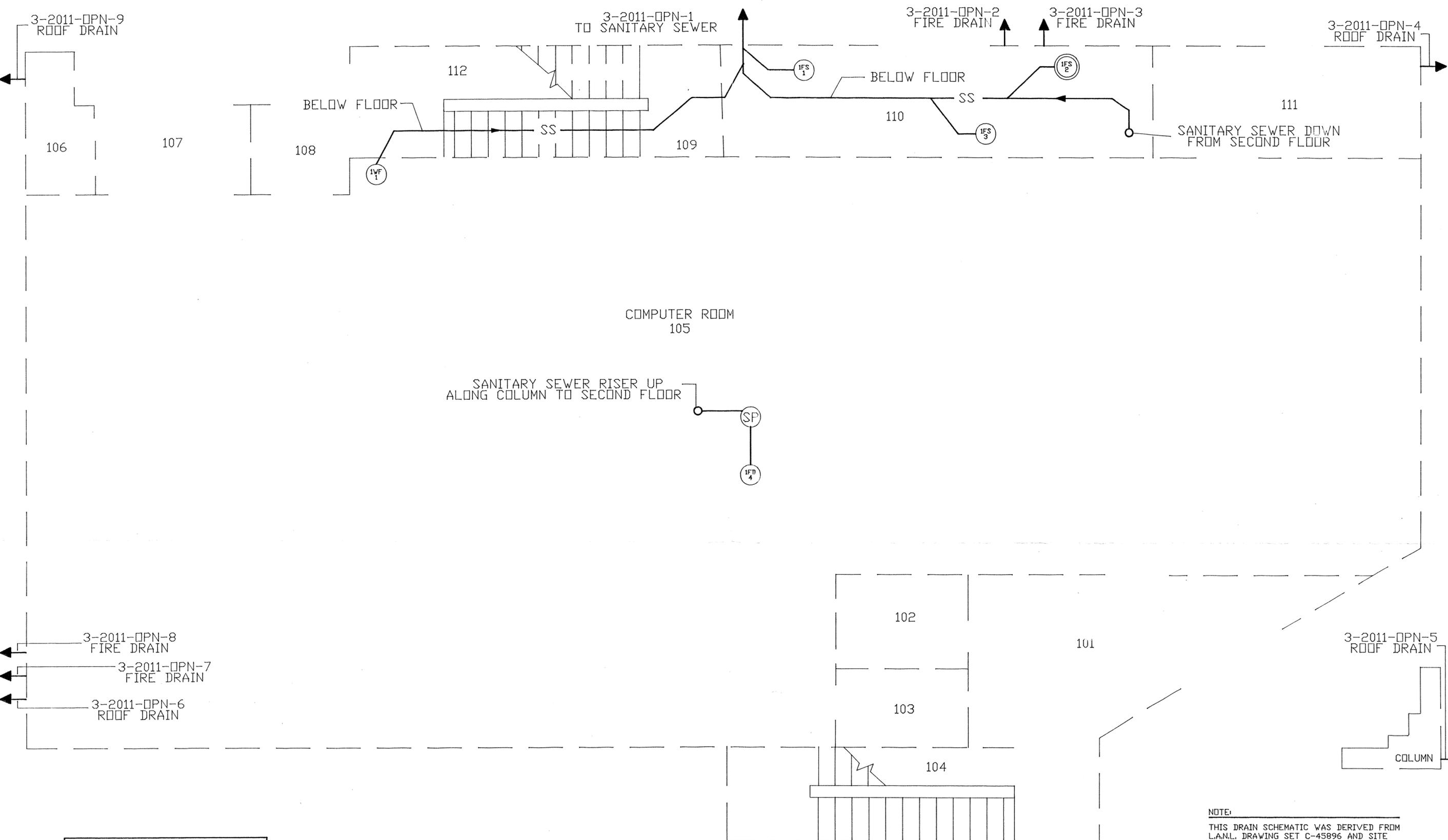
SYMBOL LEGEND	
TL	TOILET
LV	LAVATORY
WF	WATER FOUNTAIN

○ DYE TESTED DRAIN



NOTE:
THIS DRAIN SCHEMATIC WAS DERIVED FROM SITE VISITS.

SANTA FE ENGINEERING, LTD.			
TA3-1806 DRAIN SCHEMATIC		DRAWN	M.E.W.
		DESIGN	M.E.W.
		CHECKED	P.E.B.
		DATE	11-25-92
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	11056-51	FIGURE 14	



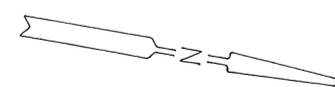
SYMBOL LEGEND	
FD	FLOOR DRAIN
FS	FLOOR SINK
SP	SUMP PUMP
WF	WATER FOUNTAIN

○ DYE TESTED DRAIN

FIRST FLOOR PLAN

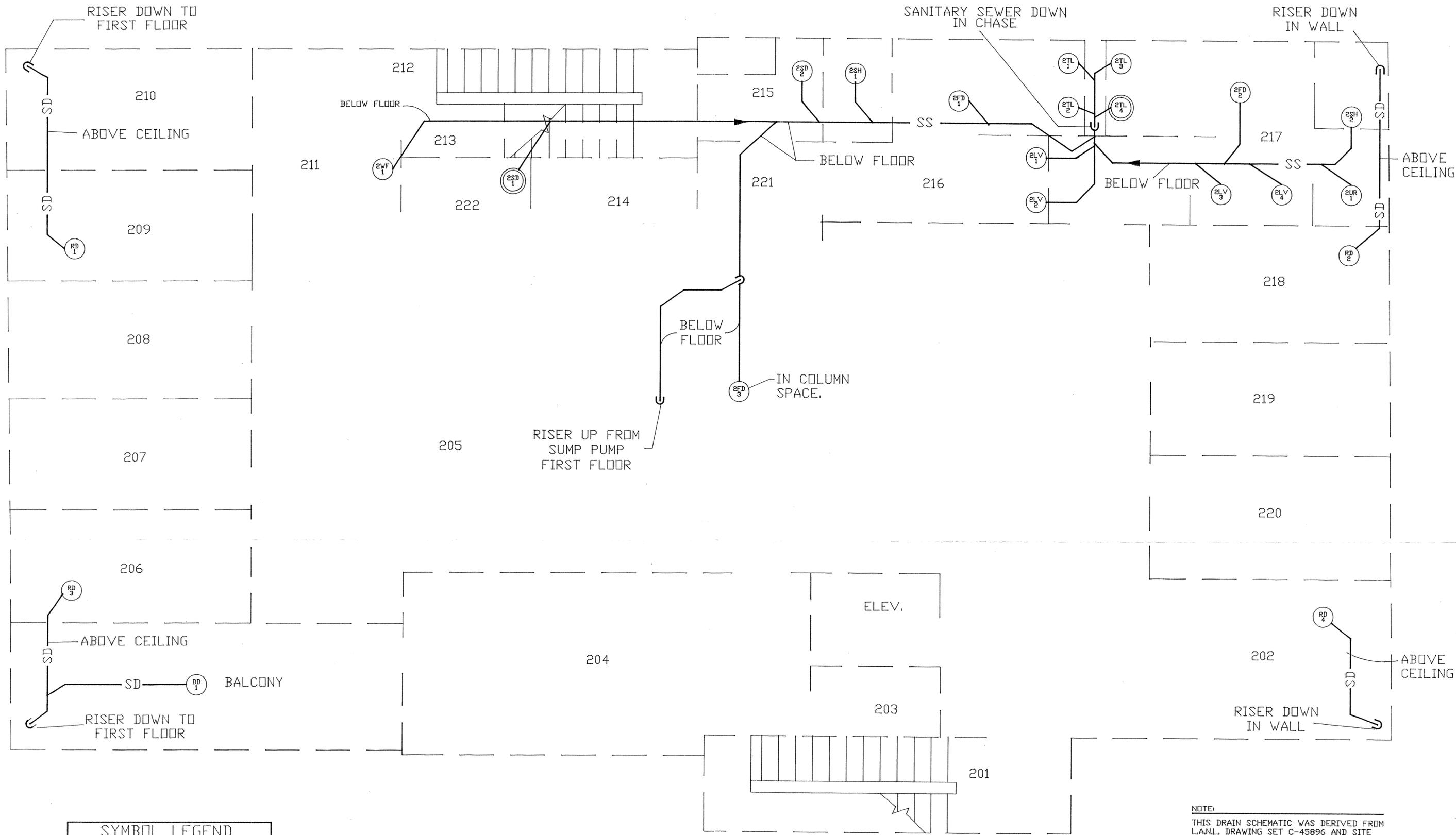
NOT TO SCALE

NOTE:
THIS DRAIN SCHEMATIC WAS DERIVED FROM
L.A.N.L. DRAWING SET C-45896 AND SITE
VISITS.



15290-L

SANTA FE ENGINEERING, LTD.			
TA3-2011 DRAIN SCHEMATIC		DRAWN	D.A.H.
		DESIGN	M.E.W.
		CHECKED	P.E.B.
		DATE	11/25/92
SUBMITTED	RECOMMENDED	APPROVED	
Los Alamos		Los Alamos National Laboratory Los Alamos, New Mexico 87545	SHEET 1 OF 2
CLASSIFICATION	REVIEWER	DATE	
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP EM-8	11056-51	FIGURE 15	



NOTE:
THIS DRAIN SCHEMATIC WAS DERIVED FROM
L.A.N.L. DRAWING SET C-45896 AND SITE
VISITS.

SYMBOL LEGEND	
DD	DECK DRAIN
FD	FLOOR DRAIN
LV	LAVATORY
RD	ROOF DRAIN
SD	SINK DRAIN
—SD—	STORM DRAIN
SH	SHOWER
TL	TOILET
UR	URINAL
WF	WATER FOUNTAIN

○ DYE TESTED DRAIN

SECOND FLOOR PLAN

NOT TO SCALE

15290-M

SANTA FE ENGINEERING, LTD.			
TA3-2011 DRAIN SCHEMATIC		DRAWN	D.A.H.
		DESIGN	M.E.W.
Los Alamos National Laboratory Los Alamos, New Mexico 87545		CHECKED	P.E.B.
		DATE	11/25/92
SUBMITTED	RECOMMENDED	APPROVED	
Los Alamos National Laboratory Los Alamos, New Mexico 87545		SHEET	2 OF 2
CLASSIFICATION	REVIEWER	DATE	
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP	11056-51	FIGURE 16	
EM-8			