WASTEWATER STREAM CHARACTERIZATION FOR TA 16-300, 301, 302, 303, 304, 305, 306, 307, 308 AND 319

at
Los Alamos National Laboratory

ENVIRONMENTAL STUDY
CHARACTERIZATION REPORT #2

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ENVIRONMENTAL MANAGEMENT DIVISION
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ENVIRONMENTAL STUDY

prepared for:
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EXECUTIVE SUMMARY

The buildings of the "300-line" in TA-16 were visited to document all drain piping and to make permitting recommendations. The outfall pipes exiting the buildings are as follows:

1) from 16-300: five discharges to common "300-line" industrial sewer system discharging as 05A058, one outfall that connects to the TA-16 sanitary system and one vent from the condensate system.

2) from 16-301: one plugged high explosives (HE) sump discharge, one steam pit discharge, one outfall that connects to the TA-16 sanitary system, one roof drain, one steam vent, two vents from exhaust hoods and one oven vent.

3) from 16-302: five discharges to common "300-line" industrial sewer system discharging as 05A058, one outfall that connects to the TA-16 sanitary system, one vent from the steam condensate system and one vapor vent from the vacuum system.

4) from 16-303: one plugged HE sump discharge, one steam pit discharge, one outfall that connects to the TA-16 sanitary system, one roof drain and one steam vent.

5) from 16-304: five discharges to common "300-line" industrial sewer system discharging as 05A058, one outfall that connects to the TA-16 sanitary system, one vent from the steam condensate system, one vapor vent from the vacuum system and one disconnected pipe.

6) from 16-305: one plugged HE sump discharge, one steam pit discharge, one outfall that connects to the TA-16 sanitary system, one roof drain, one steam vent, one oven vent and one fire water system drain.

7) from 16-306: four discharges to common "300-line" industrial sewer system discharging as 05A058, one outfall that connects to the TA-16 sanitary system, one vent from the steam condensate system, one disconnected pipe and one roof drain.

8) from 16-307: one plugged HE sump discharge, one steam pit discharge, one outfall that connects to the TA-16 sanitary system, one roof drain and one steam vent.

9) from 16-308: one floor drain discharge and one roof drain.

10) from 16-319: one discharge to the TA-16 sanitary system and one roof drain.

A revised EPA Form 2C is included for the outfall already permitted as 05A058. Flows shown on the application form are estimated from site observations and discussions with users. Analytical data are defined from information obtained from 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 for discharge of pollutants exists.

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

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1.0 INTRODUCTION

On March 5 and 6, 1991, Scott Carson and Patrick Binkley of Santa Fe Engineering (SFE) toured the buildings of the "300 line" in TA-16. A plot plan of the buildings visited is attached as Figure 1. Loren Abercrombie of Engineering and Information Resources (WX-12) was the escort and conducted the tour of the buildings. 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 operation. The Waste Stream Characterization Policy was followed for this study. The following tasks were performed for this purpose:

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

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

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

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

The field investigation proceeded using the WX-12 drawings during a site visit to verify the SFE schematics and to insure that all pipes exiting the buildings were documented. The following

information was used to define drain piping and to characterize the wastewater streams:

1. Laboratory engineering drawings were used to prepare both WX-12 drawings and 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 VI-91-1329 issued by EPA to the University of California were used for reference;

2. WX-12 verified drain piping by dye checking and

3. A site visit was performed to verify both WX-12 drawings and the SFE drain schematic 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 waste stream characterization.

2.0 FIELD INVESTIGATION

The pipes exiting the buildings 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 pipe number and the unique number for the pipe. The piping exiting the building will be labeled for easy identification in the future.

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

The function of each pipe exiting from the buildings are listed in Appendix 1 in Tables 2 through 11, with an abbreviations list in Table 1. Appendix 2 contains the waste stream characterization database output, listing wastewater source, flow rates and periodicity information for each outfall drain. Completed EPA forms are in Appendix 3 for the appropriate outfalls. Appendix 4 contains a set of the WX-12 drawings and a table of the drains dye studied by WX-12. Flow schematics of the drains from each building are attached in Appendix 5 as Figures 2 through 11.

3.0 RECOMMENDATIONS FOR BUILDING 300

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

3.1 Outfall 16-300-OPN-1

Building 300 drains to the common industrial sewer line collecting the 300-line discharges to daylight as the EPA permitted outfall 05A058. Outfall 16-300-OPN-1 consists of five building discharges labeled 16-300-OPN-1A through 16-300-OPN-1E, all of which connect to the common industrial sewer line. Outfalls 16-300-OPN-1A & OPN-1C are from high explosives (HE) sumps, but do not receive any HE. Outfalls 16-300-OPN-1B & 16-300-OPN-1D collectively receive flow from floor drains and floor trenches in the basement. Outfall 16-300-OPN-1E receives flow from three roof drains. This outfall could receive oil from a leak from hydraulic pumps in the basement. Installation of secondary containment is recommended around the pumps. The permitted outfall should be repiped so that only the sumps from building 16-302 discharge to it. The piping from buildings 16-300, 304 and 306 should be repiped to the TA-16 sanitary treatment plant. No HE is handled in these three buildings. The roof drains should be repiped as a new outfall. No EPA forms were completed for this outfall.

3.2 Outfall 16-300-OPN-2

This outfall discharges to the sanitary sewer system that flows to the TA-16 sanitary treatment plant. Flow is received from two

eye washes, two rest rooms, a janitor's closet, a water fountain, a wash fountain in the process bay and eight floor drains in the pipe alley. No HE is handled in this building. No piping changes are recommended for any of the drains. The wash fountain is used for hand washing. No chemicals should be poured down this drain. Warning signs should be installed and a standard operating procedure should be written and published to preclude draining of chemicals in this drain. The eight floor drains in the pipe alley do not receive any regular flow. The chance for flow would only be during an emergency or during maintenance. No EPA forms were prepared as this outfall does not discharge directly to the environment.

3.3 Outfall 16-300-OPN-3

This outfall is a vent to atmosphere from the condensate system in the basement. This outfall should be covered under a Notice of Intent (NOI) to Discharge. No changes are recommended and no EPA forms were prepared.

4.0 RECOMMENDATIONS FOR BUILDING 301

This building is a rest house. Table 3 is a list of the drains to the building outfalls and Figure 3 is a schematic of the piping. The table lists the drains that connect to the outfall piping and includes recommendations for changes to the piping. The discussion below gives the reasoning for the recommendations.

4.1 Outfall 16-301-OPN-1

This outfall receives flow from two HE sumps. Since our visit, the drains from these two sumps have been plugged. The waste water is trucked to buildings 16-401 and 16-406 and discharged through NPDES permitted outfall 05A055. A level alarm should be installed on the sump. No permitting is recommended for this outfall. No EPA forms were completed.

4.2 Outfall 16-301-OPN-2

The flow to this outfall is from a steam pit and seeps under ground. This outfall should be covered under an NOI or the drain in the pit plugged. No EPA forms were prepared.

4.3 Outfall 16-301-OPN-3

This outfall flows to the sewer sanitary system that goes to the TA-16 sanitary sewer system. No changes or permitting are recommended. No EPA forms were prepared.

4.4 Outfall 16-301-OPN-4

This daylight outfall receives flow from two roof drains. No permitting or changes are recommended. No EPA forms were prepared.

4.5 Outfall 16-301-OPN-5

This outfall is a steam vent to atmosphere. Very little if any liquid will be discharged. This outfall should be covered under an NOI. No changes are recommended. No EPA forms were prepared.

4.6 Outfall 16-301-OPN-6, 16-301-OPN-7 and 16-301-OPN-8

These outfalls are vapor vents to atmosphere from inside of the building. No permitting or changes are recommended. No EPA forms were prepared.

5.0 RECOMMENDATIONS FOR BUILDINGS 302

This is a process building. Table 4 is a list of the drains to the building outfalls and Figure 4 is a schematic of the piping. The table lists the drains that connect to the outfall piping and

includes recommendations for changes to the piping. The discussion below gives the reasoning for the recommendations.

5.1 Outfall 16-302-OPN-1

Five discharge pipes in building 302, labeled 16-302-OPN-1A through 16-302-OPN-1E, drain to the common industrial sewer line collecting the 300-line discharges to the NPDES permitted outfall 05A058, as described for 16-300-OPN-1. This outfall is virtually identical to 16-300-OPN-1, except that 16-300-OPN-1B has an additional sink that can contribute wastewater flow. The flow from the HE sumps (16-302-OPN-1A and 16-302-OPN-1C) should be piped as a separate permitted outfall. An EPA Form 2C was prepared for the outfall 05A058. The water from the vacuum pumps in the basement should be repiped to flow through an HE sump or the water should be recycled. The roof drains should be piped as a separate outfall.

5.2 Outfall 16-302-OPN-2

This outfall is the same as 16-300-OPN-2 and flows to the sanitary sewer system. No changes or EPA forms are needed for this outfall.

5.3 Outfall 16-302-OPN-3

This outfall is a vent to atmosphere from the condensate system in the basement. The flow is very low and does not present a threat to the environment. This outfall should be covered under an NOI. No piping changes for this outfall are recommended and no EPA forms were prepared.

5.4 Outfall 16-302-OPN-4

This is a vapor vent to atmosphere from the vacuum system. The valves were closed during the site visit. No permitting or

changes are required for this outfall. No EPA forms were prepared.

6.0 RECOMMENDATIONS FOR BUILDING 303

This building is a rest house. Table 5 is a list of the drains to the building outfalls and Figure 5 is a schematic of the piping. The table lists the drains that connect to the outfall piping and includes recommendations for changes to the piping. The discussion below gives the reasoning for the recommendations.

6.1 Outfall 16-303-OPN-1

This outfall receives flow from two HE sumps. Since our visit, the drains from these two sumps have been plugged. The waste water is trucked to buildings 16-401 and 16-406 and discharged through NPDES permitted outfall 05A055. A level alarm should be installed on the sump. No permitting is recommended. No EPA forms were completed.

6.2 Outfall 16-303-OPN-2

The flow to this outfall is from a steam pit and seeps under ground. This outfall should be covered under an NOI or the drain from the pit plugged. No EPA forms were prepared.

6.3 Outfall 16-303-OPN-3

This outfall flows to the TA-16 sanitary treatment plant sewer system. No changes are recommended for eleven of the drains. Six of the drains (1EQD1, 1EQD2, 1FD1, 1FD2, 1FD4 and 1FD5) need protection from a potential spill in the hydraulic oil system in the equipment room. Secondary containment should be installed around the hydraulic system. No permitting is recommended. No EPA forms were prepared.

6.4 Outfall 16-303-OPN-4

This daylight outfall receives flow from two roof drains. No permitting or changes are recommended. No EPA forms were prepared.

6.5 Outfall 16-303-OPN-5

This outfall is a steam vent to atmosphere. This outfall should be covered under an NOI. No changes are recommended. No EPA forms were prepared.

7.0 RECOMMENDATIONS FOR BUILDING 304

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

7.1 Outfall 16-304-OPN-1

Five discharge pipes are in building 304, labeled 16-304-OPN-1A through 16-304-OPN-1E, drain to the common industrial sewer line collecting the 300-line discharges to daylight as the NPDES permitted outfall 05A058, as described for 16-300-OPN-1. No HE is handled in this building. This outfall is virtually identical to 16-300-OPN-1, except that 16-304-OPN-1B has two additional sinks that can contribute wastewater flow. Chemicals used in the lab in room 106 in building 304 pose a spill threat. A list is in Appendix 4. Floor drain 1FD10 should be plugged and operating instructions should be defined to prevent discharge of chemicals down the sink, 1S2. The roof drains should be piped as a separate outfall. The piping of the other of the piping was discussed under 16-300-OPN-1. These sumps should also be

decontaminated prior to repiping to the sanitary sewer system. No EPA forms were prepared.

7.2 Outfall 16-304-OPN-2

This outfall is identical to 16-300-OPN-2 and flows to the sanitary sewer system. No permitting or changes are recommended.

7.3 Outfall 16-304-OPN-3

This outfall is a vent to atmosphere from the condensate system in the basement. This outfall should be covered under an NOI. No changes are recommended. No EPA forms were prepared.

7.4 Outfall 16-304-OPN-4

This is a vapor vent to atmosphere from the vacuum system. The valves were closed during the site visit. No permitting is recommended. No EPA forms were prepared.

7.5 Outfall 16-304-OPN-5

This is a disconnected pipe from the basement. Capping of the end is recommended. No permitting is recommended. No EPA forms were prepared.

8.0 RECOMMENDATIONS FOR BUILDINGS 305

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

8.1 Outfall 16-305-OPN-1

This outfall receives flow from two HE sumps. Since our visit, the drains from these two sumps have been plugged. The waste water is trucked to buildings 16-401 and 16-406 and discharged through NPDES permitted outfall 05A055. A level alarm should be installed on the sump. No permitting is recommended. No EPA forms were completed.

8.2 Outfall 16-305-OPN-2

The flow to this outfall is from a steam pit and seeps under ground. This outfall should be covered under an NOI or the bottom drain plugged. No EPA forms were prepared.

8.3 Outfall 16-305-OPN-3

This outfall flows to the TA-16 sanitary treatment plant sewer system. No changes are recommended for eleven of the drains. The other six drains (1EQD1, 1EQD2, 1FD1, 1FD2, 1FD4 and 1FD5) need protection from a leak in the hydraulic oil system in the equipment room. Secondary containment should be installed around the hydraulic system. No permitting is recommended. No EPA forms were prepared.

8.4 Outfall 16-305-OPN-4

This daylight outfall receives flow from two roof drains. No permitting or changes are recommended. No EPA forms were prepared.

8.5 Outfall 16-305-OPN-5

This outfall is a steam vent to atmosphere. This outfall should be covered under an NOI. No changes are recommended. No EPA forms were prepared.

This outfall is a vent to atmosphere from an oven inside of the building. No liquids are discharged. No permitting or changes are recommended. No EPA forms were prepared.

8.7 Outfall 16-305-OPN-7

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

9.0 RECOMMENDATIONS FOR BUILDINGS 306

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

9.1 Outfall 16-306-OPN-1

Four discharge pipes in building 306, labeled 16-306-OPN-1A through 16-306-OPN-1D, drain to the common industrial sewer line collecting the 300-line discharges to the EPA permitted outfall 05A058, as described for 16-300-OPN-1. This outfall is virtually identical to 16-300-OPN-1, except that the roof drains discharge separately as outfall 16-306-OPN-5. This outfall should be repiped as discussed for 16-300-OPN-1.

9.2 Outfall 16-306-OPN-2

This outfall is identical to 16-300-OPN-2 and flows to the sanitary sewer system. No permitting or changes are recommended for this outfall.

9.3 Outfall 16-306-OPN-3

This outfall is a vent to the atmosphere from the condensate system in the basement. This outfall should be covered under an NOI. No changes are recommended. No EPA forms were prepared.

9.4 Outfall 16-306-OPN-4

This is a disconnected pipe from the basement. Capping of the ends is recommended. No permitting is recommended. No EPA forms were prepared.

9.5 Outfall 16-306-OPN-5

This daylight outfall receives flow from the roof drains. No changes or permitting are recommended. No EPA forms were prepared.

10.0 RECOMMENDATIONS FOR BUILDINGS 307

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

10.1 Outfall 16-307-OPN-1

This outfall receives flow from two HE sumps. Since our visit, the drains from these two sumps have been plugged. The waste water is trucked to buildings 16-401 and 16-406 and discharged through NPDES permitted outfall 05A055. A level alarm should be installed on the sump. No permitting is recommended. No EPA forms were completed.

10.2 Outfall 16-307-OPN-2

The flow to this outfall is from a steam pit and seeps under ground. This outfall should be covered under an NOI or the bottom drain plugged. No EPA forms were prepared.

10.3 Outfall 16-307-OPN-3

This outfall flows to the TA-16 sanitary sewer system. No changes or permitting are recommended. No EPA forms were prepared.

10.4 Outfall 16-307-OPN-4

This daylight outfall receives flow from two roof drains. No permitting or changes are recommended. No EPA forms were prepared.

10.5 Outfall 16-307-OPN-5

This outfall is a steam vent to atmosphere. This outfall should be covered under an NOI. No permitting or changes are recommended. No EPA forms were prepared.

11.0 RECOMMENDATIONS FOR BUILDINGS 308

This is a process building. Table 10 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 piping and includes recommendations for changes to the piping. The discussion below gives the reasoning for the recommendations.

11.1 Outfall 16-308-OPN-1

This outfall receives flow from two floor drains. The drains receive condensate, fire water and potable water. The flow is

low and the destination could not be determined. This outfall should be repiped to the sanitary sewer system. No permitting is recommended. No EPA forms were prepared.

11.2 Outfall 16-308-OPN-2

This daylight outfall receives flow from a roof drain (RD1). The outlet of this discharge was not located. The outlet should be located or the outfall repiped. No permitting is recommended. No EPA forms were prepared.

12.0 RECOMMENDATIONS FOR BUILDINGS 319

This is an office building that was not entered by SFE. All sources to the outfalls were verified by WX-12. Table 11 is a list of the drains to the building outfalls and Figure 11 is a schematic of the piping. The table lists the drains that connect to the outfall piping and includes recommendations for changes to the piping. The discussion below gives the reasoning for the recommendations.

12.1 Outfall 16-319-OPN-1

This outfall flows to the TA-16 sanitary treatment plant sewer system. No chemicals are used in the building and no changes are recommended for this outfall. No permitting is needed. No EPA forms were prepared.

12.2 Outfall 16-319-OPN-2

This outfall receives flow from the roof. The water runs directly onto the ground from the roof. No changes or permitting are recommended. No EPA forms were prepared.

13.0 CONCLUSION

This document provides the information to characterize the buildings in the "300 line" at TA-16. Permit application forms have been completed for the following outfalls (Appendix 3):

Form 2C:

1. 16-300-OPN-1 (05A058)
2. 16-302-OPN-1 (05A058)
3. 16-304-OPN-1 (05A058)
4. 16-306-OPN-1 (05A058)

The remaining outfalls do not require permitting, as itemized below:

Vapor vents:

1. 16-301-OPN-6
2. 16-301-OPN-7
3. 16-301-OPN-8
4. 16-302-OPN-4
5. 16-304-OPN-4
6. 16-305-OPN-6

Discharges to the TA-16 treatment plant:

1. 16-300-OPN-2
2. 16-301-OPN-3
3. 16-302-OPN-2
4. 16-303-OPN-3
5. 16-304-OPN-2
6. 16-305-OPN-3
7. 16-306-OPN-2
8. 16-307-OPN-3
9. 16-319-OPN-1

Storm water discharges:

1. 16-301-OPN-4
2. 16-303-OPN-4
3. 16-305-OPN-4
4. 16-306-OPN-5
5. 16-307-OPN-4
6. 16-308-OPN-2
7. 16-319-OPN-2

Discharges of steam condensate:

1. 16-300-OPN-3
2. 16-301-OPN-5
3. 16-302-OPN-3
4. 16-303-OPN-5
5. 16-304-OPN-3
6. 16-305-OPN-5
7. 16-306-OPN-3
8. 16-307-OPN-5

Plugged HE sumps:

1. 16-301-OPN-1
2. 16-303-OPN-1
3. 16-305-OPN-1
4. 16-307-OPN-1

Fire water drains:

1. 16-305-OPN-7

Discharges from steam valve pits:

1. 16-301-OPN-2
2. 16-303-OPN-2
3. 16-305-OPN-2
4. 16-307-OPN-2

Discharges of potable water:

1. 16-308-OPN-1

Disconnected pipes:

1. 16-304-OPN-5 2. 16-306-OPN-4

The following outfalls have storm water combined with non-storm water discharges:

None

Recommended permitting and corrective actions are outlined in Tables 2 through 11. Corrective actions should be performed as soon as practicable to minimize the chance of unpermitted discharge of pollutants.

TABLE 1
SUMMARY OF ABBREVIATIONS

ABBREVIATION	MEANING
EQD	Equipment Drain
EWD	Eye Wash Drain
FD	Floor Drain
LV	Lavatory
RD	Roof Drain
S	Sink
SPD	Sump Drain
STD	Steam Drain
T	Toilet
TD	Trench Drain
UR	Urinal
WF	Water Fountain

TABLE 2: TA 16-300 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
16-300-OPN-1 05A058	BEQD1	Equipment Room	Repipe to San Sewer	Yes
	BEQD2	Equipment Room	Repipe to San Sewer	
	BEQD3	Equipment Room	Repipe to San Sewer	
	BEQD4	Equipment Room	Repipe to San Sewer	
	BEQD5	Equipment Room	Repipe to San Sewer	
	BEQD6	Equipment Room	Repipe to San Sewer	
	BEQD7	Equipment Room	Repipe to San Sewer	
	BEQD8	Equipment Room	Repipe to San Sewer	
	BEQD9	Equipment Room	Repipe to San Sewer	
	BFD1	Equipment Room	Repipe to San Sewer	
	BFD2	Equipment Room	Repipe to San Sewer	
	BFD3	Equipment Room	Repipe to San Sewer	
	BFD4	Equipment Room	Repipe to San Sewer	
	BFD5	Equipment Room	Repipe to San Sewer	
	BFD6	Equipment Room	Repipe to San Sewer	
	BFD7	Equipment Room	Repipe to San Sewer	
	BFD8	Equipment Room	Repipe to San Sewer	
	BFD9	Equipment Room	Repipe to San Sewer	
	1FD10	Office	Repipe to San Sewer	
	1FD11	Process bay	Repipe to San Sewer	
	1FD12	Process bay	Repipe to San Sewer	
	1FD13	Process bay	Repipe to San Sewer	
	1FD14	Process bay	Repipe to San Sewer	
	1FD15	Process bay	Repipe to San Sewer	
	1FD16	Process bay	Repipe to San Sewer	
	1FD17	Process bay	Repipe to San Sewer	
	RD1	Roof	New outfall	
	RD2	Roof	New outfall	
	RD3	Roof	New outfall	
	SUMP1	Process bay	Repipe to San Sewer	
	SUMP2	Process bay	Repipe to San Sewer	
	TD1	Equipment Room	Repipe to San Sewer	
	TD2	Equipment Room	Repipe to San Sewer	

RECOMMENDATIONS WERE REVIEWED WITH PERSONNEL FROM WX-12, EM-8 & ENG-6.

TABLE 2: TA 16-300 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
16-300-OPN-2 Sanitary Sewer	1EW1	Process bay	No change	No
	1EW2	Process bay	No change	
	1FD1	Pipe alley	No change	
	1FD2	Pipe alley	No change	
	1FD3	Pipe alley	No change	
	1FD4	Pipe alley	No change	
	1FD5	Pipe alley	No change	
	1FD6	Pipe alley	No change	
	1FD7	Pipe alley	No change	
	1FD8	Men's rest room	No change	
	1FD9	Women's rest room	No change	
	1LV1	Men's rest room	No change	
	1LV2	Women's rest room	No change	
	1S1	Process bay	No change	
	1S2	Janitor's closet	No change	
	1T1	Men's rest room	No change	
	1T2	Women's rest room	No change	
	1UR1	Men's rest room	No change	
	1WF1	Hallway	No change	
16-300-OPN-3		Equipment Room	NOI	No

RECOMMENDATIONS WERE REVIEWED WITH PERSONNEL FROM WX-12, EM-8 & ENG-6.

TABLE 3: TA 16-301 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
16-301-OPN-1	SPD1	Process bay	Alarmed	No
	SPD2	Process bay	Alarmed	
16-301-OPN-2	1STD1	Equipment Room	Plug or NOI	No
16-301-OPN-3 Sanitary Sewer	1EQD1	Equipment Room	No change	No
	1EQD2	Equipment Room	No change	
	1EQD3	Equipment Room	Plugged	
	1FD1	Equipment Room	No change	
	1FD2	Women's rest room	No change	
	1FD3	Men's rest room	No change	
	1FD4	Equipment Room	No change	
	1FD5	Equipment Room	No change	
	1LV1	Men's rest room	No change	
	1LV2	Women's rest room	No change	
	1S1	Men's rest room	No change	
	1T1	Men's rest room	No change	
	1T2	Women's rest room	No change	
	1UR1	Men's rest room	No change	
	1WF1	Hallway	No change	
16-301-OPN-4	RD1	Roof	No change	No
	RD2	Roof	No change	
16-301-OPN-5		Steam vent	NOI	No
16-301-OPN-6		Vent hood	No change	No
16-301-OPN-7		Oven hood	No change	No
16-301-OPN-8		Vent hood	No change	No

RECOMMENDATIONS WERE REVIEWED WITH PERSONNEL FROM WX-12, EM-8 & ENG-6.

TABLE 4: TA 16-302 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
16-302-OPN-2 Sanitary Sewer	1EW1	Process bay	No change	No
	1EW2	Process bay	No change	
	1FD1	Pipe alley	No change	
	1FD2	Pipe alley	No change	
	1FD3	Pipe alley	No change	
	1FD4	Pipe alley	No change	
	1FD5	Pipe alley	No change	
	1FD6	Pipe alley	No change	
	1FD7	Pipe alley	No change	
	1FD8	Men's rest room	No change	
	1FD9	Women's rest room	No change	
	1LV1	Men's rest room	No change	
	1LV2	Women's rest room	No change	
	1S1	Process bay	No change	
	1S2	Janitor's closet	No change	
	1T1	Men's rest room	No change	
	1T2	Women's rest room	No change	
	1UR1	Men's rest room	No change	
	1WF1	Hallway	No change	
16-302-OPN-3		Vent	NOI	No
16-302-OPN-4		Vent	No change	No

RECOMMENDATIONS WERE REVIEWED WITH PERSONNEL FROM WX-12, EM-8 & ENG-6.

TABLE 5: TA 16-303 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
16-303-OPN-1	SPD1	Process bay	Alarm	No
	SPD2	Process bay	Alarm	
16-303-OPN-2	1STD1	Equipment Room	Plug or NOI	No
16-303-OPN-3	1EQD1	Equipment Room	Secondary containment needed	No
Sanitary Sewer	1EQD2	Equipment Room	Secondary containment needed	
	1EQD3	Equipment Room	Plugged	
	1FD1	Equipment Room	Secondary containment needed	
	1FD2	Women's rest room	No change	
	1FD3	Men's rest room	No change	
	1FD4	Equipment Room	Secondary containment needed	
	1FD5	Equipment Room	Secondary containment needed	
	1LV1	Men's rest room	No change	
	1LV2	Women's rest room	No change	
	1S1	Men's rest room	No change	
	1T1	Men's rest room	No change	
	1T2	Women's rest room	No change	
	1UR1	Men's rest room	No change	
	1WF1	Hallway	No change	
16-303-OPN-4	RD1	Roof	No change	No
	RD2	Roof	No change	
16-303-OPN-5		Steam vent	NOI	No

RECOMMENDATIONS WERE REVIEWED WITH PERSONNEL FROM WX-12, EM-8 & ENG-6.

TABLE 6: TA 16-304 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	STATUS OR RECOMMENDATIONS	EPA FORMS PREPARED
16-304-OPN-2 Sanitary Sewer	1EW1	Process bay	No change	No
	1EW2	Process bay	No change	
	1FD1	Pipe alley	No change	
	1FD2	Pipe alley	No change	
	1FD3	Pipe alley	No change	
	1FD4	Pipe alley	No change	
	1FD5	Pipe alley	No change	
	1FD6	Pipe alley	No change	
	1FD7	Pipe alley	No change	
	1FD8	Men's rest room	No change	
	1FD9	Women's rest room	No change	
	1LV1	Men's rest room	No change	
	1LV2	Women's rest room	No change	
	1S1	Process bay	No change	
	1S2	Janitor's closet	No change	
	1T1	Men's rest room	No change	
	1T2	Women's rest room	No change	
	1UR1	Men's rest room	No change	
	1WF1	Hallway	No change	
16-304-OPN-3		Condensate Vent	NOI	No
16-304-OPN-4		Vapor vent	No change	No
16-304-OPN-5		Disconnectd pipe	No change	No

RECOMMENDATIONS WERE REVIEWED WITH PERSONNEL FROM WX-12, EM-8 & ENG-6.

TABLE 7: TA 16-305 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	STATUS OR RECOMMENDATIONS	EPA FORMS PREPARED
16-305-OPN-1	1EW1	Process bay	Plugged	No
	SPD1	Process bay	Alarm	
	SPD2	Process bay	Alarm	
16-305-OPN-2	1STD1	Equipment Room	Plug or NOI	No
16-305-OPN-3 Sanitary Sewer	1EQD1	Equipment Room	Secondary containment needed	No
	1EQD2	Equipment Room	Secondary containment needed	
	1EQD3	Equipment Room	Secondary containment needed	
	1FD1	Equipment Room	Secondary containment needed	
	1FD2	Women's rest room	No change	
	1FD3	Men's rest room	No change	
	1FD4	Equipment Room	Secondary containment needed	
	1FD5	Equipment Room	Secondary containment needed	
	1LV1	Men's rest room	No change	
	1LV2	Women's rest room	No change	
	1S1	Men's rest room	No change	
	1T1	Men's rest room	No change	
	1T2	Women's rest room	No change	
	1UR1	Men's rest room	No change	
	1WF1	Hallway	No change	
16-305-OPN-4	RD1	Roof	No change	No
	RD2	Roof	No change	
16-305-OPN-5		Steam vent	NOI	No
16-305-OPN-6		Vent hood	No change	No
16-305-OPN-7		Fire water	NOI	No

RECOMMENDATIONS WERE REVIEWED WITH PERSONNEL FROM WX-12, EM-8 & ENG-6.

TABLE 8: TA 16-306 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	STATUS OR RECOMMENDATIONS	EPA FORMS PREPARED
16-306-OPN-2 (Cont)	1FD5	Pipe alley	No change	
	1FD6	Pipe alley	No change	
	1FD7	Pipe alley	No change	
	1FD8	Men's rest room	No change	
	1FD9	Women's rest room	No change	
	1LV1	Men's rest room	No change	
	1LV2	Women's rest room	No change	
	1S1	Process bay	No change	
	1S2	Janitor's closet	No change	
	1T1	Men's rest room	No change	
	1T2	Women's rest room	No change	
	1UR1	Men's rest room	No change	
	1WF1	Hallway	No change	
16-306-OPN-3		Vent	NOI	No
16-306-OPN-4		Disconnected pipe	Cap end of pipe	No
16-306-OPN-5	RD1	Roof	No change	No
	RD2	Roof	No change	
	RD3	Roof	No change	

RECOMMENDATIONS WERE REVIEWED WITH PERSONNEL FROM WX-12, EM-8 & ENG-6.

TABLE 9: TA 16-307 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	STATUS OR RECOMMENDATIONS	EPA FORMS PREPARED
16-307-OPN-1	1EW1	Process bay	Plugged	No
	SPD1	Process bay	Alarm	
	SPD2	Process bay	Alarm	
16-307-OPN-2	1STD1	Equipment Room	Plug or NOI	No
16-307-OPN-3 Sanitary Sewer	1FD1	Equipment Room	No change	No
	1FD2	Women's rest room	No change	
	1FD3	Men's rest room	No change	
	1FD4	Equipment Room	No change	
	1FD5	Equipment Room	No change	
	1FD6	Equipment Room	No change	
	1FD7	Equipment Room	No change	
	1FD8	Equipment Room	No change	
	1LV1	Men's rest room	No change	
	1LV2	Women's rest room	No change	
	1S1	Process bay	No change	
	1S2	Men's rest room	No change	
	1T1	Men's rest room	No change	
	1T2	Women's rest room	No change	
	1UR1	Men's rest room	No change	
	1WF1	Hallway	No change	
16-307-OPN-4	RD1	Roof	No change	No
	RD2	Roof	No change	
16-307-OPN-5		Steam vent	NOI	No

RECOMMENDATIONS WERE REVIEWED WITH PERSONNEL FROM WX-12, EM-8 & ENG-6.

TABLE 10: TA 16-308 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	STATUS OR RECOMMENDATIONS	EPA FORMS PREPARED
16-308-OPN-1	BFD1	Equipment Room	Repipe to San Sewer	No
	BFD2	Equipment Room	Repipe to San Sewer	
16-308-OPN-2	RD1	Roof	No change	No

TABLE 11: TA 16-319 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	STATUS OR RECOMMENDATIONS	EPA FORMS PREPARED
16-319-OPN-1	1FD1	Office	No change	No
San Sewer	1WF1	Office	No change	
16-319-OPN-2	RD1	Roof	No change	No

RECOMMENDATIONS WERE REVIEWED WITH PERSONNEL FROM WX-12, EM-8 & ENG-6.

REPORT 2

TA	BLDG	OUTLET PIPING NUMBER	EPA OUTFALL #	DRAIN #	ROOM DESCRIPTION	FLOW	RATE	PERIODICITY	SEASONAL	ROOM #	SOURCE TYPES
16	300	16-300-OPN-1	05A058	1FD10	OFFICE			FLOW IS NIL	no	106	FLOOR WASHINGS
16	300	16-300-OPN-1	05A058	1FD11	PROCESS BAY			FLOW IS NIL	no	103	FLOOR WASHINGS
16	300	16-300-OPN-1	05A058	1FD12	PROCESS BAY			FLOW IS NIL	no	102	FLOOR WASHINGS
16	300	16-300-OPN-1	05A058	1FD13	PROCESS BAY			FLOW IS NIL	no	102	FLOOR WASHINGS
16	300	16-300-OPN-1	05A058	1FD14	PROCESS BAY			FLOW IS NIL	no	102	FLOOR WASHINGS
16	300	16-300-OPN-1	05A058	1FD15	PROCESS BAY			FLOW IS NIL	no	102	FLOOR WASHINGS
16	300	16-300-OPN-1	05A058	1FD16	PROCESS BAY			FLOW IS NIL	no	102	FLOOR WASHINGS
16	300	16-300-OPN-1	05A058	1FD17	PROCESS BAY			FLOW IS NIL	no	102	FLOOR WASHINGS
16	300	16-300-OPN-1	05A058	BEQD1	EQUIPMENT ROOM			FLOW IS NIL	no	1	HYDRAULIC PUMP
16	300	16-300-OPN-1	05A058	BEQD2	EQUIPMENT ROOM			FLOW IS NIL	no	1	NONE
16	300	16-300-OPN-1	05A058	BEQD3	EQUIPMENT ROOM			FLOW IS NIL	no	1	NONE
16	300	16-300-OPN-1	05A058	BEQD4	EQUIPMENT ROOM			FLOW IS NIL	no	1	NONE
16	300	16-300-OPN-1	05A058	BEQD5	EQUIPMENT ROOM			FLOW IS NIL	no	1	NONE
16	300	16-300-OPN-1	05A058	BEQD6	EQUIPMENT ROOM			FLOW IS NIL	no	1	NONE
16	300	16-300-OPN-1	05A058	BEQD7	EQUIPMENT ROOM			FLOW IS NIL	no	1	NONE
16	300	16-300-OPN-1	05A058	BEQD8	EQUIPMENT ROOM	7	GPM	4 DAYS PER WEEK	no	1	VACUUM PUMP
16	300	16-300-OPN-1	05A058	BEQD8	EQUIPMENT ROOM			FLOW IS NIL	no	1	STEAM CONDENSATE
16	300	16-300-OPN-1	05A058	BEQD8	EQUIPMENT ROOM			FLOW IS NIL	no	1	TEMPERED WATER
16	300	16-300-OPN-1	05A058	BEQD8	EQUIPMENT ROOM			FLOW IS NIL	no	1	AIR LINE BLOWDOWN
16	300	16-300-OPN-1	05A058	BEQD9	EQUIPMENT ROOM			FLOW IS NIL	no	1	NONE
16	300	16-300-OPN-1	05A058	BFD1	EQUIPMENT ROOM			FLOW IS NIL	no	2	CHILLER DRAIN
16	300	16-300-OPN-1	05A058	BFD2	EQUIPMENT ROOM			FLOW IS NIL	no	2	BACK FLOW PREVENTER
16	300	16-300-OPN-1	05A058	BFD2	EQUIPMENT ROOM			FLOW IS NIL	no	2	CHILLER DRAIN
16	300	16-300-OPN-1	05A058	BFD3	PROCESS BAY	1	GPM	FLOW < 1 GPM	no	2	NON CONTACT COOLING WATER
16	300	16-300-OPN-1	05A058	BFD4	PROCESS BAY			FLOW IS NIL	no	2	FLOOR WASHINGS
16	300	16-300-OPN-1	05A058	BFD5	FIRE WATER BLOWDOWN			ONCE OR TWICE A YEAR	no	1	FIRE WATER
16	300	16-300-OPN-1	05A058	BFD6	EQUIPMENT ROOM			FLOW IS NIL	no	1	AIR COMPRESSOR DRAIN
16	300	16-300-OPN-1	05A058	BFD7	EQUIPMENT ROOM			FLOW IS NIL	no	1	FLOOR WASHINGS
16	300	16-300-OPN-1	05A058	BFD8	EQUIPMENT ROOM			FLOW IS NIL	no	1	FLOOR WASHINGS
16	300	16-300-OPN-1	05A058	BFD9	EQUIPMENT ROOM			FLOW IS NIL	no	1	FLOOR WASHINGS
16	300	16-300-OPN-1	05A058	RD1	ROOF DRAIN			MOSTLY IN SUMMER	no	ROOF	RAIN
16	300	16-300-OPN-1	05A058	RD2	ROOF DRAIN			MOSTLY IN SUMMER	no	ROOF	RAIN
16	300	16-300-OPN-1	05A058	RD3	ROOF DRAIN			MOSTLY IN SUMMER	no	ROOF	RAIN
16	300	16-300-OPN-1	05A058	SUMP1	PROCESS BAY			FM BEQD8 & BFD3	no	OUTSIDE	HE WASTE WASTER
16	300	16-300-OPN-1	05A058	SUMP2	PROCESS BAY			FM BEQD8 & BFD3	no	OUTSIDE	HE WASTE WATER
16	300	16-300-OPN-1	05A058	TD1	PROCESS BAY	100	GPY	ONCE A DAY AT MOST	no	102	FLOOR WASHINGS
16	300	16-300-OPN-1	05A058	TD2	PROCESS BAY	100	GPY	FLOW IS NIL	no	102	FLOOR WASHINGS
16	300	16-300-OPN-2	03S	1EW1	PROCESS BAY			4 DAYS PER WEEK	no	102	EYE WASH

REPORT 2

TA	BLDG	OUTLET PIPING NUMBER	EPA OUTFALL #	DRAIN #	ROOM DESCRIPTION	FLOW	RATE	PERIODICITY	SEASONAL	ROOM #	SOURCE TYPES
16	300	16-300-OPN-2	03S	1EW2	PROCESS BAY			4 DAYS PER WEEK	no	102	EYE WASH
16	300	16-300-OPN-2	03S	1FD1	PROCESS BAY			FLOW IS NIL	no	PIPE ALLEY	WET DUST COLLECTOR
16	300	16-300-OPN-2	03S	1FD2	PIPE ALLEY			FLOW IS NIL	no	PIPE ALLEY	POTABLE WATER
16	300	16-300-OPN-2	03S	1FD3	PIPE ALLEY			FLOW IS NIL	no	PIPE ALLEY	POTABLE WATER
16	300	16-300-OPN-2	03S	1FD4	PIPE ALLEY			FLOW IS NIL	no	PIPE ALLEY	POTABLE WATER
16	300	16-300-OPN-2	03S	1FD5	PIPE ALLEY			FLOW IS NIL	no	PIPE ALLEY	POTABLE WATER
16	300	16-300-OPN-2	03S	1FD6	PIPE ALLEY			FLOW IS NIL	no	PIPE ALLEY	POTABLE WATER
16	300	16-300-OPN-2	03S	1FD7	PIPE ALLEY			FLOW IS NIL	no	PIPE ALLEY	POTABLE WATER
16	300	16-300-OPN-2	03S	1FD8	BATHROOM FLOOR DRAIN			FLOW IS NIL	no	104	FLOOR WASHINGS
16	300	16-300-OPN-2	03S	1FD9	BATHROOM FLOOR DRAIN			FLOW IS NIL	no	105	FLOOR WASHINGS
16	300	16-300-OPN-2	03S	1LV1	REST ROOM			4 DAYS PER WEEK	no	104	SANITARY WASTE
16	300	16-300-OPN-2	03S	1LV2	REST ROOM			4 DAYS PER WEEK	no	105	SANITARY WASTE
16	300	16-300-OPN-2	03S	1S1	REST ROOM			4 DAYS PER WEEK	no	102	WASH FOUNTAIN
16	300	16-300-OPN-2	03S	1S2	JANITOR'S CLOSET			4 DAYS PER WEEK	no	J. CLOSET	MOP WATER
16	300	16-300-OPN-2	03S	1T1	REST ROOM			4 DAYS PER WEEK	no	104	SANITARY WASTE
16	300	16-300-OPN-2	03S	1T2	REST ROOM			4 DAYS PER WEEK	no	105	SANITARY WASTE
16	300	16-300-OPN-2	03S	1UR1	REST ROOM			4 DAYS PER WEEK	no	104	SANITARY WASTE
16	300	16-300-OPN-2	03S	1WF1	HALLWAY			HIGHER IN SUMMER	no	101	DRINKING WATER
16	300	16-300-OPN-3			EQUIPMENT ROOM			FLOW IS NIL	no	2	STEAM CONDENSATE
16	301	16-301-OPN-1		SPD1	PROCESS BAY	100	GPY	4 DAYS PER WEEK	no	101	WASHDOWN
16	301	16-301-OPN-1		SPD2	PROCESS BAY	100	GPY	4 DAYS PER WEEK	no	102	WASHDOWN
16	301	16-301-OPN-2		1STD1	EQUIPMENT ROOM			FLOW IS NIL	no	105	STEAM CONDENSATE
16	301	16-301-OPN-3	03S	1EQD1	EQUIPMENT ROOM	1	GPM	FLOW < 1 GPM	no	105	VACUUM PUMP
16	301	16-301-OPN-3	03S	1EQD2	EQUIPMENT ROOM	1	GPM	FLOW < 1 GPM	no	105	VACUUM PUMP
16	301	16-301-OPN-3	03S	1EQD3	EQUIPMENT ROOM			NO FLOW	no	105	PLUGGED
16	301	16-301-OPN-3	03S	1FD1	EQUIPMENT ROOM			FLOW IS NIL	no	105	CHILLER DRAIN
16	301	16-301-OPN-3	03S	1FD2	BATHROOM FLOOR DRAIN			FLOW IS NIL	no	103	FLOOR WASHINGS
16	301	16-301-OPN-3	03S	1FD3	BATHROOM FLOOR DRAIN			FLOW IS NIL	no	104	FLOOR WASHINGS
16	301	16-301-OPN-3	03S	1FD4	EQUIPMENT ROOM			FLOW IS NIL	no	105	FLOOR WASHINGS
16	301	16-301-OPN-3	03S	1FD5	EQUIPMENT ROOM			FLOW IS NIL	no	105	FLOOR WASHINGS
16	301	16-301-OPN-3	03S	1LV1	REST ROOM			4 DAYS PER WEEK	no	104	SANITARY WASTE
16	301	16-301-OPN-3	03S	1LV2	REST ROOM			4 DAYS PER WEEK	no	103	SANITARY WASTE
16	301	16-301-OPN-3	03S	1S1	REST ROOM			4 DAYS PER WEEK	no	104	HAND WASHING
16	301	16-301-OPN-3	03S	1T1	REST ROOM			4 DAYS PER WEEK	no	104	SANITARY WASTE
16	301	16-301-OPN-3	03S	1T2	REST ROOM			4 DAYS PER WEEK	no	103	SANITARY WASTE
16	301	16-301-OPN-3	03S	1UR1	REST ROOM			4 DAYS PER WEEK	no	104	SANITARY WASTE
16	301	16-301-OPN-3	03S	1WF1	CORRIDOR			HIGHER IN SUMMER	no	CORRIDOR 3	DRINKING WATER
16	301	16-301-OPN-4		RD1	ROOF DRAIN			MOSTLY IN SUMMER	no	ROOF	RAIN

REPORT 2

TA	BLDG	OUTLET PIPING NUMBER	EPA OUTFALL #	DRAIN #	ROOM DESCRIPTION	FLOW	RATE	PERIODICITY	SEASONAL	ROOM #	SOURCE TYPES
16	301	16-301-OPN-4		RD2	ROOF DRAIN			MOSTLY IN SUMMER	no	ROOF	RAIN
16	301	16-301-OPN-5			EQUIPMENT ROOM			FLOW IS NIL	no	105	STEAM CONDENSATE
16	301	16-301-OPN-6			PROCESS BAY			VENTS TO ATMOSPHERE	no	101	VENT HOOD
16	301	16-301-OPN-7			PROCESS BAY			VENTS TO ATMOSHPERE	no	101	OVEN VENT
16	301	16-301-OPN-8			PROCESS BAY			VENTS TO ATMOSPHERE	no	101	VENT HOOD
16	302	16-302-OPN-1	05A058	1FD10	OFFICE			FLOW IS NIL	no	106	FLOOR WASHINGS
16	302	16-302-OPN-1	05A058	1FD11	WEIGHT ROOM			FLOW IS NIL	no	103	FLOOR WASHINGS
16	302	16-302-OPN-1	05A058	1FD12	OFFICE			FLOW IS NIL	no	102	FLOOR WASHINGS
16	302	16-302-OPN-1	05A058	1FD13	OFFICE			FLOW IS NIL	no	102	FLOOR WASHINGS
16	302	16-302-OPN-1	05A058	1FD14	OFFICE			FLOW IS NIL	no	102	FLOOR WASHINGS
16	302	16-302-OPN-1	05A058	1FD15	OFFICE			FLOW IS NIL	no	102	FLOOR WASHINGS
16	302	16-302-OPN-1	05A058	1FD16	OFFICE			FLOW IS NIL	no	102	FLOOR WASHINGS
16	302	16-302-OPN-1	05A058	1FD17	OFFICE			FLOW IS NIL	no	102	FLOOR WASHINGS
16	302	16-302-OPN-1	05A058	BEQD1	EQUIPMENT ROOM			FLOW IS NIL	no	1	HYDRAULIC PUMP
16	302	16-302-OPN-1	05A058	BEQD2	EQUIPMENT ROOM			FLOW IS NIL	no	1	NONE
16	302	16-302-OPN-1	05A058	BEQD3	EQUIPMENT ROOM			FLOW IS NIL	no	1	NONE
16	302	16-302-OPN-1	05A058	BEQD4	EQUIPMENT ROOM			FLOW IS NIL	no	1	NONE
16	302	16-302-OPN-1	05A058	BEQD5	EQUIPMENT ROOM			FLOW IS NIL	no	1	NONE
16	302	16-302-OPN-1	05A058	BEQD6	EQUIPMENT ROOM			FLOW IS NIL	no	1	NONE
16	302	16-302-OPN-1	05A058	BEQD7	EQUIPMENT ROOM			FLOW IS NIL	no	1	NONE
16	302	16-302-OPN-1	05A058	BEQD8	EQUIPMENT ROOM	7	GPM	4 DAYS PER WEEK	no	1	VACUUM PUMP
16	302	16-302-OPN-1	05A058	BEQD8	EQUIPMENT ROOM			FLOW IS NIL	no	1	AIR LINE BLOWDOWN
16	302	16-302-OPN-1	05A058	BEQD8	EQUIPMENT ROOM			FLOW IS NIL	no	1	STEAM CONDENSATE
16	302	16-302-OPN-1	05A058	BEQD8	EQUIPMENT ROOM			FLOW IS NIL	no	1	TEMPERED WATER
16	302	16-302-OPN-1	05A058	BEQD9	EQUIPMENT ROOM			FLOW IS NIL	no	1	NONE
16	302	16-302-OPN-1	05A058	BFD1	EQUIPMENT DRAIN			FLOW IS NIL	no	2	CHILLER DRAIN
16	302	16-302-OPN-1	05A058	BFD2	EQUIPMENT ROOM			FLOW IS NIL	no	2	BACK FLOW PREVENTER
16	302	16-302-OPN-1	05A058	BFD2	EQUIPMENT ROOM			FLOW IS NIL	no	2	CHILLER DRAIN
16	302	16-302-OPN-1	05A058	BFD3	PROCESS BAY	1	GPM	FLOW < 1 GPM	no	2	NON CONTACT COOLING WATER
16	302	16-302-OPN-1	05A058	BFD4	PROCESS BAY			FLOW IS NIL	no	2	FLOOR WASHINGS
16	302	16-302-OPN-1	05A058	BFD5	FIRE WATER BLOWDOWN			ONCE OR TWICE A YEAR	no	1	FIRE WATER
16	302	16-302-OPN-1	05A058	BFD6	EQUIPMENT ROOM			FLOW IS NIL	no	1	AIR COMPRESSOR DRAIN
16	302	16-302-OPN-1	05A058	BFD7	EQUIPMENT ROOM			FLOW IS NIL	no	1	FLOOR WASHINGS
16	302	16-302-OPN-1	05A058	BFD8	EQUIPMENT ROOM			FLOW IS NIL	no	1	FLOOR WASHINGS
16	302	16-302-OPN-1	05A058	BFD9	EQUIPMENT ROOM			FLOW IS NIL	no	1	FLOOR WASHINGS
16	302	16-302-OPN-1	05A058	BS1	EQUIPMENT ROOM			FLOW IS NIL	no	1	HAND WASHING SINK
16	302	16-302-OPN-1	05A058	RD1	ROOF DRAIN			MOSTLY IN SUMMER	no	ROOF	RAIN
16	302	16-302-OPN-1	05A058	RD2	ROOF DRAIN			MOSTLY IN SUMMER	no	ROOF	RAIN

REPORT 2

TA	BLDG	OUTLET PIPING NUMBER	EPA OUTFALL #	DRAIN #	ROOM DESCRIPTION	FLOW	RATE	PERIODICITY	SEASONAL	ROOM #	SOURCE TYPES
16	302	16-302-OPN-1	05A058	RD3	ROOF DRAIN			MOSTLY IN SUMMER	no	ROOF	RAIN
16	302	16-302-OPN-1	05A058	SUMP1	PROCESS BAY			FM BEQD8 & BFD3	no	OUTSIDE	HE WASTE WATER
16	302	16-302-OPN-1	05A058	SUMP2	PROCESS BAY			FM BEQD8 & BFD3	no	OUTSIDE	HE WASTE WATER
16	302	16-302-OPN-1	05A058	TD1	PROCESS BAY	50	GPY	ONCE A DAY AT MOST	no	102	FLOOR WASHINGS
16	302	16-302-OPN-1	05A058	TD2	PROCESS BAY	50	GPY	FLOW IS NIL	no	102	FLOOR WASHINGS
16	302	16-302-OPN-2	03S	1EW1	PROCESS BAY			4 DAYS PER WEEK	no	102	EYE WASH
16	302	16-302-OPN-2	03S	1EW2	PROCESS BAY			4 DAYS A WEEEK	no	102	EYE WASH
16	302	16-302-OPN-2	03S	1FD1	PROCESS BAY			FLOW IS NIL	no	PIPE ALLEY	WET DUST COLLECTOR
16	302	16-302-OPN-2	03S	1FD2	PIPE ALLEY			FLOW IS NIL	no	PIPE ALLEY	POTABLE WATER
16	302	16-302-OPN-2	03S	1FD3	PIPE ALLEY			FLOW IS NIL	no	PIPE ALLEY	POTABLE WATER
16	302	16-302-OPN-2	03S	1FD4	PIPE ALLEY			FLOW IS NIL	no	PIPE ALLEY	POTABLE WATER
16	302	16-302-OPN-2	03S	1FD5	PIPE ALLEY			FLOW IS NIL	no	PIPE ALLEY	POTABLE WATER
16	302	16-302-OPN-2	03S	1FD6	PIPE ALLEY			FLOW IS NIL	no	PIPE ALLEY	POTABLE WATER
16	302	16-302-OPN-2	03S	1FD7	PIPE ALLEY			FLOW IS NIL	no	PIPE ALLEY	POTABLE WATER
16	302	16-302-OPN-2	03S	1FD8	BATHROOM FLOOR DRAIN			FLOW IS NIL	no	104	FLOOR WASHINGS
16	302	16-302-OPN-2	03S	1FD9	BATHROOM FLOOR DRAIN			FLOW IS NIL	no	105	FLOOR WASHINGS
16	302	16-302-OPN-2	03S	1LV1	REST ROOM			4 DAYS PER WEEK	no	104	SANITARY WASTE
16	302	16-302-OPN-2	03S	1LV2	REST ROOM			4 DAYS PER WEEK	no	105	SANITARY WASTE
16	302	16-302-OPN-2	03S	1S1	REST ROOM			4 DAYS PER WEEK	no	102	WASH FOUNTAIN
16	302	16-302-OPN-2	03S	1S2	JANITOR'S CLOSET			4 DAYS PER WEEK	no	J. CLOSET	MOP WATER
16	302	16-302-OPN-2	03S	1T1	REST ROOM			4 DAYS PER WEEK	no	104	SANITARY WASTE
16	302	16-302-OPN-2	03S	1T2	REST ROOM			4 DAYS PER WEEK	no	105	SANITARY WASTE
16	302	16-302-OPN-2	03S	1UR1	REST ROOM			4 DAYS PER WEEK	no	104	SANITARY WASTE
16	302	16-302-OPN-2	03S	1WF1	HALLWAY			HIGHER IN SUMMER	no	101	DRINKING WATER
16	302	16-302-OPN-3			EQUIPMENT ROOM			FLOW IS NIL	no	2	STEAM CONDENSATE
16	302	16-302-OPN-4			EQUIPMENT ROOM			VENT TO ATMOSPHERE	no	1	VAPOR VENT
16	303	16-303-OPN-1		1EW1	PROCESS BAY			4 DAYS PER WEEK	no	102	EYE WASH
16	303	16-303-OPN-1		SPD1	PROCESS BAY	100	GPY	4 DAYS PER WEEK	no	102	WASHDOWN
16	303	16-303-OPN-1		SPD2	PROCESS BAY	100	GPY	4 DAYS PER WEEK	no	101	WASHDOWN
16	303	16-303-OPN-2		1STD1	EQUIPMENT ROOM			FLOW IS NIL	no	105	STEAM CONDENSATE
16	303	16-303-OPN-3	03S	1EQD1	EQUIPMENT ROOM	1	GPM	FLOW < 1 GPM	no	105	VACUUM PUMP
16	303	16-303-OPN-3	03S	1EQD2	EQUIPMENT ROOM	1	GPM	FLOW < 1 GPM	no	105	VACUUM ROOM
16	303	16-303-OPN-3	03S	1EQD3	EQUIPMENT ROOM			NO FLOW	no	105	PLUGGED
16	303	16-303-OPN-3	03S	1FD1	EQUIPMENT ROOM			FLOW IS NIL	no	105	CHILLER DRAIN
16	303	16-303-OPN-3	03S	1FD2	BATHROOM FLOOR DRAIN			FLOW IS NIL	no	103	FLOOR WASHINGS
16	303	16-303-OPN-3	03S	1FD3	BATHROOM FLOOR DRAIN			FLOW IS NIL	no	104	FLOOR WASHINGS
16	303	16-303-OPN-3	03S	1FD4	EQUIPMENT ROOM	1	GPM	FLOW < 1 GPM	no	105	NON CONTACT COOLING WATER
16	303	16-303-OPN-3	03S	1FD5	EQUIPMENT ROOM			FLOW IS NIL	no	105	CONDENSATE

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TA	BLDG	OUTLET PIPING NUMBER	EPA OUTFALL #	DRAIN #	ROOM DESCRIPTION	FLOW	RATE	PERIODICITY	SEASONAL	ROOM #	SOURCE TYPES
16	303	16-303-OPN-3	03S	1FD5	EQUIPMENT ROOM			FLOW IS NIL	no	105	VACUUM PUMP
16	303	16-303-OPN-3	03S	1LV1	REST ROOM			4 DAYS PER WEEK	no	104	SANITARY WASTE
16	303	16-303-OPN-3	03S	1LV2	REST ROOM			4 DAYS PER WEEK	no	103	SANITARY WASTE
16	303	16-303-OPN-3	03S	1S1	REST ROOM			4 DAYS PER WEEK	no	104	HAND WASHING
16	303	16-303-OPN-3	03S	1T1	REST ROOM			4 DAYS PER WEEK	no	104	SANITARY WASTE
16	303	16-303-OPN-3	03S	1T2	REST ROOM			4 DAYS PER WEEK	no	103	SANITARY WASTE
16	303	16-303-OPN-3	03S	1UR1	REST ROOM			4 DAYS PER WEEK	no	104	SANITARY WASTE
16	303	16-303-OPN-3	03S	1WF1	CORRIDOR			HIGHER IN SUMMER	no	CORRIDOR 3	DRINKING WATER
16	303	16-303-OPN-4		RD1	ROOF DRAIN			MOSTLY IN SUMMER	no	ROOF	RAIN
16	303	16-303-OPN-4		RD2	ROOF DRAIN			MOSTLY IN SUMMER	no	ROOF	RAIN
16	303	16-303-OPN-5			STEAM VENT			FLOW IS NIL	no	105	STEAM CONDENSATE
16	304	16-304-OPN-1	05A058	1FD10	CHEM. LAB FLOOR DRAIN			FLOW IS NIL	no	106	FLOOR WASHINGS
16	304	16-304-OPN-1	05A058	1FD11	SOLVENT CABINET FLOOR DRAIN			FLOW IS NIL	no	103	FLOOR WASHINGS
16	304	16-304-OPN-1	05A058	1FD12	CHEM. LAB FLOOR DRAIN			FLOW IS NIL	no	102	FLOOR WASHINGS
16	304	16-304-OPN-1	05A058	1FD13	CHEM. LAB FLOOR DRAIN			FLOW IS NIL	no	102	FLOOR WASHINGS
16	304	16-304-OPN-1	05A058	1FD14	CHEM. LAB FLOOR DRAIN			FLOW IS NIL	no	102	FLOOR WASHINGS
16	304	16-304-OPN-1	05A058	1FD15	CHEM. LAB FLOOR DRAIN			FLOW IS NIL	no	102	FLOOR WASHINGS
16	304	16-304-OPN-1	05A058	1FD16	CHEM. LAB FLOOR DRAIN			FLOW IS NIL	no	102	FLOOR WASHINGS
16	304	16-304-OPN-1	05A058	1FD17	CHEM. LAB FLOOR DRAIN			FLOW IS NIL	no	102	FLOOR WASHINGS
16	304	16-304-OPN-1	05A058	1S3	EQUIPMENT ROOM			4 DAYS PER WEEK	no	1	HAND WASHING SINK
16	304	16-304-OPN-1	05A058	BEQD1	EQUIPMENT ROOM			FLOW IS NIL	no	1	HYDRAULIC PUMP
16	304	16-304-OPN-1	05A058	BEQD2	EQUIPMENT ROOM			FLOW IS NIL	no	1	NONE
16	304	16-304-OPN-1	05A058	BEQD3	EQUIPMENT ROOM			FLOW IS NIL	no	1	NONE
16	304	16-304-OPN-1	05A058	BEQD4	EQUIPMENT ROOM			FLOW IS NIL	no	1	NONE
16	304	16-304-OPN-1	05A058	BEQD5	EQUIPMENT ROOM			FLOW IS NIL	no	1	AIR LINE BLOWDOWN
16	304	16-304-OPN-1	05A058	BEQD5	EQUIPMENT ROOM			FLOW IS NIL	no	1	STEAM CONDENSATE
16	304	16-304-OPN-1	05A058	BEQD5	EQUIPMENT ROOM			FLOW IS NIL	no	1	TEMPERED WATER
16	304	16-304-OPN-1	05A058	BEQD6	EQUIPMENT ROOM			FLOW IS NIL	no	1	NONE
16	304	16-304-OPN-1	05A058	BFD1	EQUIPMENT ROOM			FLOW IS NIL	no	2	CHILLER DRAIN
16	304	16-304-OPN-1	05A058	BFD2	EQUIPMENT ROOM			FLOW IS NIL	no	2	BACK FLOW PREVENTER
16	304	16-304-OPN-1	05A058	BFD2	EQUIPMENT ROOM			FLOW IS NIL	no	2	CHILLER DRAIN
16	304	16-304-OPN-1	05A058	BFD3	PROCESS BAY	1	GPM	FLOW < 1 GPM	no	2	NON CONTACT COOLING WATER
16	304	16-304-OPN-1	05A058	BFD4	EQUIPMENT ROOM			FLOW IS NIL	no	1	FLOOR WASHINGS
16	304	16-304-OPN-1	05A058	BFD5	FIRE WATER BLOWDOWN			ONCE OR TWICE A YEAR	no	1	FIRE WATER
16	304	16-304-OPN-1	05A058	BFD6	EQUIPMENT ROOM			FLOW IS NIL	no	1	AIR COMPRESSOR DRAIN
16	304	16-304-OPN-1	05A058	BFD7	EQUIPMENT ROOM			FLOW IS NIL	no	1	FLOOR WASHINGS
16	304	16-304-OPN-1	05A058	BFD8	EQUIPMENT ROOM			FLOW IS NIL	no	1	FLOOR WASHINGS
16	304	16-304-OPN-1	05A058	BFD9	EQUIPMENT ROOM			FLOW IS NIL	no	1	FLOOR WASHINGS

REPORT 2

TA	BLDG	OUTLET PIPING NUMBER	EPA OUTFALL #	DRAIN #	ROOM DESCRIPTION	FLOW	RATE	PERIODICITY	SEASONAL	ROOM #	SOURCE TYPES
16	304	16-304-OPN-1	05A058	BS1	EQUIPMENT ROOM			FLOW IS NIL	no	1	HAND WASHING SINK
16	304	16-304-OPN-1	05A058	RD1	ROOF DRAIN			MOSTLY IN SUMMER	no	ROOF	RAIN
16	304	16-304-OPN-1	05A058	RD2	ROOF DRAIN			MOSTLY IN SUMMER	no	ROOF	RAIN
16	304	16-304-OPN-1	05A058	RD3	ROOF DRAIN			MOSTLY IN SUMMER	no	ROOF	RAIN
16	304	16-304-OPN-1	05A058	SUMP1	PROCESS BAY			FLOW IS NIL	no	1	AIR COMPRESSORS
16	304	16-304-OPN-1	05A058	SUMP2	PROCESS BAY			FLOW IS NIL	no	1	HE WASTE WATER
16	304	16-304-OPN-1	05A058	TD1	EQUIPMENT ROOM			FLOW IS NIL	no	1	FLOOR WASHINGS
16	304	16-304-OPN-1	05A058	TD2	EQUIPMENT ROOM			FLOW IS NIL	no	1	FLOOR WASHINGS
16	304	16-304-OPN-2	03S	1EW1	PROCESS BAY			4 DAYS PER WEEK	no	102	EYE WASH
16	304	16-304-OPN-2	03S	1EW2	PROCESS BAY			4 DAYS PER WEEK	no	102	EYE WASH
16	304	16-304-OPN-2	03S	1FD1	PROCESS BAY			FLOW IS NIL	no	PIPE ALLEY	WET DUST COLLECTOR
16	304	16-304-OPN-2	03S	1FD2	PIPE ALLEY			FLOW IS NIL	no	PIPE ALLEY	POTABLE WATER
16	304	16-304-OPN-2	03S	1FD3	PIPE ALLEY			FLOW IS NIL	no	PIPE ALLEY	POTABLE WATER
16	304	16-304-OPN-2	03S	1FD4	PIPE ALLEY			FLOW IS NIL	no	PIPE ALLEY	POTABLE WATER
16	304	16-304-OPN-2	03S	1FD5	PIPE ALLEY			FLOW IS NIL	no	PIPE ALLEY	POTABLE WATER
16	304	16-304-OPN-2	03S	1FD6	PIPE ALLEY			FLOW IS NIL	no	PIPE ALLEY	POTABLE WATER
16	304	16-304-OPN-2	03S	1FD7	PIPE ALLEY			FLOW IS NIL	no	PIPE ALLEY	POTABLE WATER
16	304	16-304-OPN-2	03S	1FD8	BATHROOM FLOOR DRAIN			FLOW IS NIL	no	104	FLOOR WASHINGS
16	304	16-304-OPN-2	03S	1FD9	BATHROOM FLOOR DRAIN			FLOW IS NIL	no	105	FLOOR WASHINGS
16	304	16-304-OPN-2	03S	1LV1	REST ROOM			4 DAYS PER WEEK	no	104	SANITARY WASTE
16	304	16-304-OPN-2	03S	1LV2	REST ROOM			4 DAYS PER WEEK	no	105	SANITARY WASTE
16	304	16-304-OPN-2	03S	1S1	REST ROOM			4 DAYS PER WEEK	no	102	WASH FOUNTAIN
16	304	16-304-OPN-2	03S	1S2	JANITOR'S CLOSET			4 DAYS PER WEEK	no	J. CLOSET	MOP WATER
16	304	16-304-OPN-2	03S	1T1	REST ROOM			4 DAYS PER WEEK	no	104	SANITARY WASTE
16	304	16-304-OPN-2	03S	1T2	REST ROOM			4 DAYS PER WEEK	no	105	SANITARY WASTE
16	304	16-304-OPN-2	03S	1UR1	REST ROOM			4 DAYS PER WEEK	no	104	SANITARY WASTE
16	304	16-304-OPN-2	03S	1WF1	HALLWAY			HIGHER IN SUMMER	no	101	DRINKING WATER
16	304	16-304-OPN-3			EQUIPMENT ROOM			FLOW IS NIL	no	2	STEAM CONDENSATE
16	304	16-304-OPN-4			EQUIPMENT ROOM			VENT TO ATMOSPHERE	no	2	VAPOR VENT
16	304	16-304-OPN-5			EQUIPMENT ROOM			NO FLOW	no	2	DISCONNECTED PIPE
16	305	16-305-OPN-1		1EW1	PROCESS BAY			4 DAYS PER WEEK	no	102	EYE WASH
16	305	16-305-OPN-1		SPD1	PROCESS BAY	100	GPY	4 DAYS PER WEEK	no	101	WASHDOWN
16	305	16-305-OPN-1		SPD2	PROCESS BAY	100	GPY	4 DAYS PER WEEK	no	102	WASHDOWN
16	305	16-305-OPN-2		1STD1	EQUIPMENT ROOM			FLOW IS NIL	no	105	STEAM CONDENSATE
16	305	16-305-OPN-3	03S	1EQD1	EQUIPMENT ROOM			FLOW IS NIL	no	105	NONE
16	305	16-305-OPN-3	03S	1EQD2	EQUIPMENT ROOM			FLOW IS NIL	no	105	NONE
16	305	16-305-OPN-3	03S	1EQD3	EQUIPMENT ROOM			FLOW IS NIL	no	105	NONE
16	305	16-305-OPN-3	03S	1FD1	EQUIPMENT ROOM			FLOW IS NIL	no	105	FLOOR WASHINGS

REPORT 2

TA	BLDG	OUTLET PIPING NUMBER	EPA OUTFALL #	DRAIN #	ROOM DESCRIPTION	FLOW	RATE	PERIODICITY	SEASONAL	ROOM #	SOURCE TYPES
16	305	16-305-OPN-3	03S	1FD2	BATHROOM FLOOR DRAIN			FLOW IS NIL	no	103	FLOOR WASHINGS
16	305	16-305-OPN-3	03S	1FD3	BATHROOM FLOOR DRAIN			FLOW IS NIL	no	104	FLOOR WASHINGS
16	305	16-305-OPN-3	03S	1FD4	EQUIPMENT ROOM	1	GPM	FLOW < 1 GPM	no	105	NON CONTACT COOLING WATER
16	305	16-305-OPN-3	03S	1FD5	EQUIPMENT ROOM			ONCE OR TWICE A YEAR	no	105	FIRE WATER BLOWDOWN
16	305	16-305-OPN-3	03S	1FD5	EQUIPMENT ROOM			FLOW IS NIL	no	105	CONDENSATE
16	305	16-305-OPN-3	03S	1FD5	EQUIPMENT ROOM			FLOW IS NIL	no	105	VACUUM PUMP
16	305	16-305-OPN-3	03S	1LV1	REST ROOM			4 DAYS PER WEEK	no	104	SANITARY WASTE
16	305	16-305-OPN-3	03S	1LV2	REST ROOM			4 DAY PER WEEK	no	103	SANITARY WASTE
16	305	16-305-OPN-3	03S	1S1	REST ROOM			4 DAYS PER WEEK	no	104	HAND WASHING
16	305	16-305-OPN-3	03S	1T1	REST ROOM			4 DAYS PER WEEK	no	104	SANITARY WASTE
16	305	16-305-OPN-3	03S	1T2	REST ROOM			4 DAYS PER WEEK	no	103	SANITARY WASTE
16	305	16-305-OPN-3	03S	1UR1	REST ROOM			4 DAYS PER WEEK	no	104	SANITARY WASTE
16	305	16-305-OPN-3	03S	1WF1	CORRIDOR			HIGHER IN SUMMER	no	CORRIDOR 3	DRINKING WATER
16	305	16-305-OPN-4		RD1	ROOF DRAIN			MOSTLY IN SUMMER	no	ROOF	RAIN
16	305	16-305-OPN-4		RD2	ROOF DRAIN			MOSTLY IN SUMMER	no	ROOF	RAIN
16	305	16-305-OPN-5			EQUIPMENT ROOM			VENT TO ATMOSPHERE	no	105	STEAM VENT
16	305	16-305-OPN-6			PROCESS BAY			VENT TO ATMOSPHERE	no	CORRIDOR 2	OVEN VENT
16	305	16-305-OPN-7			EQUIPMENT ROOM			ONCE OR TWICE A YEAR	no	105	FIRE WATER DRAIN
16	306	16-306-OPN-1	05A058	1FD10	OFFICE			FLOW IS NIL	no	106	FLOOR WASHINGS
16	306	16-306-OPN-1	05A058	1FD11	WEIGHT ROOM			FLOW IS NIL	no	103	FLOOR WASHINGS
16	306	16-306-OPN-1	05A058	1FD12	PROCESS BAY			FLOW IS NIL	no	102	FLOOR WASHINGS
16	306	16-306-OPN-1	05A058	1FD13	PROCESS BAY			FLOW IS NIL	no	102	FLOOR WASHINGS
16	306	16-306-OPN-1	05A058	1FD14	PROCESS BAY			FLOW IS NIL	no	102	FLOOR WASHINGS
16	306	16-306-OPN-1	05A058	1FD15	PROCESS BAY			FLOW IS NIL	no	102	FLOOR WASHINGS
16	306	16-306-OPN-1	05A058	1FD16	PROCESS BAY			FLOW IS NIL	no	102	FLOOR WASHINGS
16	306	16-306-OPN-1	05A058	1FD17	PROCESS BAY			FLOW IS NIL	no	102	FLOOR WASHINGS
16	306	16-306-OPN-1	05A058	BEQD1	EQUIPMENT ROOM			FLOW IS NIL	no	1	HYDRAULIC PUMP
16	306	16-306-OPN-1	05A058	BEQD2	EQUIPMENT ROOM			FLOW IS NIL	no	1	NONE
16	306	16-306-OPN-1	05A058	BEQD3	EQUIPMENT ROOM			FLOW IS NIL	no	1	NONE
16	306	16-306-OPN-1	05A058	BEQD4	EQUIPMENT ROOM			FLOW IS NIL	no	1	NONE
16	306	16-306-OPN-1	05A058	BEQD5	EQUIPMENT ROOM			FLOW IS NIL	no	1	NONE
16	306	16-306-OPN-1	05A058	BEQD6	EQUIPMENT ROOM			FLOW IS NIL	no	1	NONE
16	306	16-306-OPN-1	05A058	BEQD7	EQUIPMENT ROOM			FLOW IS NIL	no	1	NONE
16	306	16-306-OPN-1	05A058	BEQD8	EQUIPMENT ROOM			FLOW IS NIL	no	1	TEMPERED WATER
16	306	16-306-OPN-1	05A058	BEQD8	EQUIPMENT ROOM			FLOW IS NIL	no	1	STEAM CONDENSATE
16	306	16-306-OPN-1	05A058	BEQD8	EQUIPMENT ROOM			FLOW IS NIL	no	1	AIR LINE BLOWDOWN
16	306	16-306-OPN-1	05A058	BEQD9	EQUIPMENT ROOM			FLOW IS NIL	no	1	NONE
16	306	16-306-OPN-1	05A058	BFD1	EQUIPMENT ROOM			FLOW IS NIL	no	1	FLOOR WASHINGS

REPORT 2

TA	BLDG	OUTLET PIPING NUMBER	EPA OUTFALL #	DRAIN #	ROOM DESCRIPTION	FLOW	RATE	PERIODICITY	SEASONAL	ROOM #	SOURCE TYPES
16	306	16-306-OPN-1	05A058	BFD2	EQUIPMENT ROOM			FLOW IS NIL	no	1	FLOOR WASHINGS
16	306	16-306-OPN-1	05A058	BFD3	PROCESS BAY	1	GPM	FLOW < 1 GPM	no	2	NON CONTACT COOLING WATER
16	306	16-306-OPN-1	05A058	BFD4	EQUIPMENT ROOM			FLOW IS NIL	no	1	FLOOR WASHINGS
16	306	16-306-OPN-1	05A058	BFD5	FIRE WATER BLOWDOWN			ONCE OR TWICE A YEAR	no	1	FIRE WATER
16	306	16-306-OPN-1	05A058	BFD6	EQUIPMENT ROOM			FLOW IS NIL	no	1	AIR COMPRESSOR DRAIN
16	306	16-306-OPN-1	05A058	BFD7	EQUIPMENT ROOM			FLOW IS NIL	no	1	FLOOR WASHINGS
16	306	16-306-OPN-1	05A058	BFD8	EQUIPMENT ROOM			FLOW IS NIL	no	1	FLOOR WASHINGS
16	306	16-306-OPN-1	05A058	BFD9	EQUIPMENT ROOM			FLOW IS NIL	no	1	FLOOR WASHINGS
16	306	16-306-OPN-1	05A058	SUMP1	PROCESS BAY	100	GPY	ONCE A DAY AT MOST	no	OUTSIDE	FLOOR WASHINGS
16	306	16-306-OPN-1	05A058	SUMP2	PROCESS BAY	100	GPY	FLOW IS NIL	no	OUTSIDE	FLOOR WASHINGS
16	306	16-306-OPN-1	05A058	TD1	EQUIPMENT ROOM			FLOW IS NIL	no	1	FLOOR WASHINGS
16	306	16-306-OPN-1	05A058	TD2	EQUIPMENT ROOM			FLOW IS NIL	no	1	FLOOR WASHINGS
16	306	16-306-OPN-2	03S	1EW1	PROCESS BAY			4 DAYS PER WEEK	no	102	EYE WASH
16	306	16-306-OPN-2	03S	1EW2	PROCESS BAY			4 DAYS PER WEEK	no	102	EYE WASH
16	306	16-306-OPN-2	03S	1FD1	PROCESS BAY			FLOW IS NIL	no	PIPE ALLEY	WET DUST COLLECTOR
16	306	16-306-OPN-2	03S	1FD2	PIPE ALLEY			FLOW IS NIL	no	PIPE ALLEY	POTABLE WATER
16	306	16-306-OPN-2	03S	1FD3	PIPE ALLEY			FLOW IS NIL	no	PIPE ALLEY	POTABLE WATER
16	306	16-306-OPN-2	03S	1FD4	PIPE ALLEY			FLOW IS NIL	no	PIPE ALLEY	POTABLE WATER
16	306	16-306-OPN-2	03S	1FD5	PIPE ALLEY			FLOW IS NIL	no	PIPE ALLEY	POTABLE WATER
16	306	16-306-OPN-2	03S	1FD6	PIPE ALLEY			FLOW IS NIL	no	PIPE ALLEY	POTABLE WATER
16	306	16-306-OPN-2	03S	1FD7	PIPE ALLEY			FLOW IS NIL	no	PIPE ALLEY	POTABLE WATER
16	306	16-306-OPN-2	03S	1FD8	BATHROOM FLOOR DRAIN			FLOW IS NIL	no	104	FLOOR WASHINGS
16	306	16-306-OPN-2	03S	1FD9	BATHROOM FLOOR DRAIN			FLOW IS NIL	no	105	FLOOR WASHINGS
16	306	16-306-OPN-2	03S	1LV1	REST ROOM			4 DAYS PER WEEK	no	104	SANITARY
16	306	16-306-OPN-2	03S	1LV2	REST ROOM			4 DAYS PER WEEK	no	105	SANITARY WASTE
16	306	16-306-OPN-2	03S	1S1	REST ROOM			4 DAYS PER WEEK	no	102	WASH FOUNTAIN
16	306	16-306-OPN-2	03S	1S2	JANITOR'S CLOSET			4 DAYS PER WEEK	no	J. CLOSET	MOP WATER
16	306	16-306-OPN-2	03S	1T1	REST ROOM			4 DAYS PER WEEK	no	104	SANITARY WASTE
16	306	16-306-OPN-2	03S	1T2	REST ROOM			4 DAYS PER WEEK	no	105	SANITARY WASTE
16	306	16-306-OPN-2	03S	1UR1	REST ROOM			4 DAYS PER WEEK	no	104	SANITARY WASTE
16	306	16-306-OPN-2	03S	1WF1	HALLWAY			HIGHER IN SUMMER	no	101	DRINKING WATER
16	306	16-306-OPN-3			EQUIPMENT ROOM			FLOW IS NIL	no	2	STEAM CONDENSATE
16	306	16-306-OPN-4			EQUIPMENT ROOM			NO FLOW	no	2	DISCONNECTED PIPE
16	306	16-306-OPN-5		RD1	ROOF DRAIN			MOSTLY IN SUMMER	no	ROOF	RAIN
16	306	16-306-OPN-5		RD2	ROOF DRAIN			MOSTLY IN SUMMER	no	ROOF	RAIN
16	306	16-306-OPN-5		RD3	ROOF DRAIN			MOSTLY IN SUMMER	no	ROOF	RAIN
16	307	16-307-OPN-1		1EW1	PROCESS BAY			4 DAYS PER WEEK	no	102	EYE WASH
16	307	16-307-OPN-1		SPD1	PROCESS BAY	100	GPY	4 DAYS PER WEEK	no	101	WASHDOWN

REPORT 2

TA	BLDG	OUTLET PIPING NUMBER	EPA OUTFALL #	DRAIN #	ROOM DESCRIPTION	FLOW	RATE	PERIODICITY	SEASONAL	ROOM #	SOURCE TYPES
16	307	16-307-OPN-1		SPD2	PROCESS BAY	100	GPY	4 DAYS PER WEEK	no	102	WASHDOWN
16	307	16-307-OPN-2		1STD1	EQUIPMENT ROOM			FLOW IS NIL	no	105	STEAM CONDENSATE
16	307	16-307-OPN-3	03S	1FD1	EQUIPMENT ROOM			FLOW IS NIL	no	105	FLOOR WASHINGS
16	307	16-307-OPN-3	03S	1FD2	BATHROOM FLOOR DRAIN			FLOW IS NIL	no	103	FLOOR WASHINGS
16	307	16-307-OPN-3	03S	1FD3	BATHROOM FLOOR DRAIN			FLOW IS NIL	no	104	FLOOR WASHINGS
16	307	16-307-OPN-3	03S	1FD4	EQUIPMENT ROOM			FLOW IS NIL	no	105	FLOOR WASHINGS
16	307	16-307-OPN-3	03S	1FD5	EQUIPMENT ROOM			FLOW IS NIL	no	105	FLOOR WASHINGS
16	307	16-307-OPN-3	03S	1FD6	EQUIPMENT ROOM			FLOW IS NIL	no	105	FLOOR WASHINGS
16	307	16-307-OPN-3	03S	1FD7	EQUIPMENT ROOM			FLOW IS NIL	no	105	FLOOR WASHINGS
16	307	16-307-OPN-3	03S	1FD8	EQUIPMENT ROOM			ONCE OR TWICE A YEAR	no	105	FIRE WATER BLOWDOWN
16	307	16-307-OPN-3	03S	1FD8	EQUIPMENT ROOM			FLOW IS NIL	no	105	CONDENSATE
16	307	16-307-OPN-3	03S	1FD8	EQUIPMENT ROOM			FLOW IS NIL	no	105	VACUUM PUMP
16	307	16-307-OPN-3	03S	1LV1	REST ROOM			4 DAYS PER WEEK	no	104	SANITARY WASTE
16	307	16-307-OPN-3	03S	1LV2	REST ROOM			4 DAYS PER WEEK	no	103	SANITARY WASTE
16	307	16-307-OPN-3	03S	1S1	PROCESS BAY			4 DAYS PER WEEK	no	102	HAND WASHING
16	307	16-307-OPN-3	03S	1S2	REST ROOM			4 DAYS PER WEEK	no	104	HAND WASHING
16	307	16-307-OPN-3	03S	1T1	REST ROOM			4 DAYS PER WEEK	no	104	SANITARY WASTE
16	307	16-307-OPN-3	03S	1T2	REST ROOM			4 DAYS PER WEEK	no	103	SANITARY WASTE
16	307	16-307-OPN-3	03S	1UR1	REST ROOM			4 DAYS PER WEEK	no	104	SANITARY WASTE
16	307	16-307-OPN-3	03S	1WF1	CORRIDOR			HIGHER IN SUMMER	no	CORRIDOR 3	DRINKING WATER
16	307	16-307-OPN-4		RD1	ROOF DRAIN			MOSTLY IN SUMMER	no	ROOF	RAIN
16	307	16-307-OPN-4		RD2	ROOF DRAIN			MOSTLY IN SUMMER	no	ROOF	RAIN
16	307	16-307-OPN-5			EQUIPMENT ROOM			FLOW IS NIL	no	105	STEAM VENT
16	308	16-308-OPN-1		BFD1	EQUIPMENT ROOM			ONCE OR TWICE A YEAR	no	BASEMENT	FIRE WATER
16	308	16-308-OPN-1		BFD1	EQUIPMENT ROOM			FLOW IS NIL	no	BASEMENT	CONDENSATE
16	308	16-308-OPN-1		BFD1	EQUIPMENT ROOM			FLOW IS NIL	no	BASEMENT	POTABLE WATER
16	308	16-308-OPN-1		BFD2	EQUIPMENT ROOM			FLOW IS NIL	no	BASEMENT	AIR COMPRESS KO POT
16	308	16-308-OPN-2		RD1	ROOF DRAIN			MOSTLY IN SUMMER	no	ROOF	RAIN
16	319	16-319-OPN-1	03S	1FD1	OFFICE FLOOR DRAIN			FLOW IS NIL	no	100	FLOOR WASHINGS
16	319	16-319-OPN-1	03S	1WF1	OFFICE			HIGHER IN SUMMER	no	100	DRINKING WATER
16	319	16-319-OPN-2		RD1	ROOF DRAIN			MOSTLY IN SUMMER	no	100	RAIN WATER

Please print or type in the unshaded areas only.

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

Form Approved
OMB No. 2040-0086
Approval expires 7-31-85

FORM 2C NPDES

EPA

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

I. OUTFALL LOCATION

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

A. OUTFALL NUMBER (list)	B. LATITUDE 1. DEG.	2. MIN.	3. SEC.	C. LONGITUDE 1. DEG.	2. MIN.	3. SEC.	D. RECEIVING WATER (name)
05A058	35	50	35	106	20	23	Water Canyon

II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES

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

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

1. OUTFALL NO. (list)	2. OPERATION(S) CONTRIBUTING FLOW a. OPERATION (list)	b. AVERAGE FLOW (include units)	3. TREATMENT a. DESCRIPTION	b. LIST CODES FROM TABLE 2C-1
058	TA 16-300, 302, 304 &		Discharge to multi-weir	1U
	306 HE processing:		sump. Residue from sump	
	Vacuum pump cooling	14 gpm	is collected and burned.	
	Storm water	60,000 gpy		
	Floor washings	100 gpy		

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

CONTINUED FROM THE FRONT

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

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

1. OUTFALL NUMBER *(list)*	2. OPERATION*(s)* CONTRIBUTING FLOW *(list)*	3. FREQUENCY		4. FLOW				
		a. DAYS PER WEEK *(specify average)*	b. MONTHS PER YEAR *(specify average)*	a. FLOW RATE *(in mgd)*		b. TOTAL VOLUME *(specify with units)*		c. DURATION *(in days)*
				1. LONG TERM AVERAGE	2. MAXIMUM DAILY	1. LONG TERM AVERAGE	2. MAXIMUM DAILY	

III. PRODUCTION

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

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

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

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

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

1. AVERAGE DAILY PRODUCTION			2. AFFECTED OUTFALLS *(list outfall numbers)*
a. QUANTITY PER DAY	b. UNITS OF MEASURE	c. OPERATION, PRODUCT, MATERIAL, ETC. *(specify)*	
N/A			

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
N/A					

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

 CONTINUE ON PAGE 3

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

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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
N/A			

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)* X 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?

X 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)
RMAL	4955 YARROW STREET ARVADA, CO 80002	303-421- 6611	TOTAL SULFIDE AMMONIA PHENOLICS BOD, TOC, TNN COLOR SURFACTANT (MBAS)

IX. CERTIFICATION

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

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

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

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

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

OUTFALL NO. 05A058

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 a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (2) MASS	d. NO. OF ANALYSES	3. UNITS (specify if blank) a. CONCENTRATION	b. MASS	4. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand *(BOD)*	3.4	112.0						mg/l	g/d			
b. Chemical Oxygen Demand *(COD)*	32.5	1.1						mg/l	kg/d			
c. Total Organic Carbon *(TOC)*	8.8	289.8						mg/l	g/d			
d. Total Suspended Solids *(TSS)*	< 1	<						mg/l	mg/d			
e. Ammonia *(as N)*	.43							mg/l	mg/d			
f. Flow	VALUE 8700		VALUE		VALUE			gal/day		VALUE		
g. Temperature *(winter)*	VALUE 18.2		VALUE		VALUE			°C		VALUE		
h. Temperature *(summer)*	VALUE 26.2		VALUE		VALUE			°C		VALUE		
i. pH	MINIMUM 7.16	MAXIMUM 9.0	MINIMUM	MAXIMUM				STANDARD UNITS				

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

1. POLLUTANT AND CAS NO. *(if available)*	2. MARK 'X' a. BELIEVED PRESENT	b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)		X	< .5	<						mg/l	mg/d			
b. Chlorine, Total Residual	X		.2							mg/l	mg/d			
c. Color	X		18							units				
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)	X		.32							mg/l	mg/d			
f. Nitrate-Nitrite *(as N)*	X		.985							mg/l	mg/d			

CONTINUE ON REVERSE

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X' a. BELIEVED PRESENT	2. MARK 'X' b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	4. UNITS b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (2) MASS	5. INTAKE (optional) b. NO. OF ANALYSES
g. Nitrogen, Total Organic (as N)	X		27.4	902.3						mg/l	g/d			
h. Oil and Grease	X		24	790.3						mg/l	g/d			
i. Phosphorus (as P), Total (7723-14-0)	X		.07	2.3						mg/l	g/d			
j. Radioactivity														
(1) Alpha, Total	X		5	164.6						pCi/l	nCi/d			
(2) Beta, Total	X		3.8	125.1						pCi/l	nCi/d			
(3) Radium, Total		X												
(4) Radium 226, Total	X		.04	1.3						pCi/l	nCi/d			
k. Sulfate (as SO_4) (14808-79-8)	X		6.02	198.2						mg/l	g/l			
l. Sulfide (as S)		X	< .05	< 1.6						mg/l	g/l			
m. Sulfite (as SO_3) (14265-45-3)		X												
n. Surfactants	X		.36	11.9						mg/l	g/d			
o. Aluminum, Total (7429-90-5)		X	< .04	< 1.3						mg/l	g/d			
p. Barium, Total (7440-39-3)	X		.76	25.0						mg/l	g/d			
q. Boron, Total (7440-42-8)	X		.03	1						mg/l	g/d			
r. Cobalt, Total (7440-48-4)		X	< .1	< 3.3						mg/l	g/d			
s. Iron, Total (7439-89-6)	X		.28	9.2						mg/l	g/d			
t. Magnesium, Total (7439-95-4)	X		3	98.8						mg/l	g/d			
u. Molybdenum, Total (7439-98-7)	X		.042	1.4						mg/l	g/d			
v. Manganese, Total (7439-96-5)	X		.007	230.5						mg/l	mg/d			
w. Tin, Total (7440-31-5)		X	< .050	< 1.6						mg/l	g/d			
x. Titanium, Total (7440-32-6)		X	< .004	< 1.6						mg/l	g/d			

CONTINUE ON PAGE V-3

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
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Form Approved.
OMB No. 2040-0086
Approval expires 7-31-88

CONTINUED FROM PAGE 3 OF FORM 2-C

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

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (if available) (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (if available) (2) MASS	d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)			X	< .05	< 1.6						mg/l	g/d			
2M. Arsenic, Total (7440-38-2)			X	< .002	< 65.9						mg/l	mg/d			
3M. Beryllium, Total, 7440-41-7)			X	< .001	< 32.9						mg/l	mg/d			
4M. Cadmium, Total (7440-43-9)			X	< .010	< 329.3						mg/l	mg/d			
5M. Chromium, Total (7440-47-3)		X		.071	2.3						mg/l	g/d			
6M. Copper, Total (7440-50-8)		X		.032	1.1						mg/l	g/d			
7M. Lead, Total (7439-92-1)			X	< .050	< 1.6						mg/l	g/d			
8M. Mercury, Total (7439-97-6)		X		.0002	6.6						mg/l	mg/d			
9M. Nickel, Total (7440-02-0)		X		.11	3.6						mg/l	g/d			
10M. Selenium, Total (7782-49-2)			X	< .001	< 32.9						mg/l	mg/d			
11M. Silver, Total (7440-22-4)			X	< .010	< 329.3						mg/l	mg/d			
12M. Thallium, Total (7440-28-0)			X	< .4	< 13.2						mg/l	g/d			
13M. Zinc, Total (7440-66-6)		X		.097	3.2						mg/l	g/d			
14M. Cyanide, Total (57-12-5)		X		.12	4.0						mg/l	g/d			
15M. Phenols, Total			X	< .01	< 329.3						mg/l	mg/d			
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P Dioxin (1764-01-6)			X	DESCRIBE RESULTS											

CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)			X												
2V. Acrylonitrile (107-13-1)			X												
3V. Benzene (71-43-2)			X	< .005	< 164.6						mg/l	mg/d			
4V. Bis (Chloromethyl) Ether (542-88-1)			X												
5V. Bromoform (75-25-2)			X	< .005	< 164.6						mg/l	mg/d			
6V. Carbon Tetrachloride (56-23-5)			X	< .005	< 164.6						mg/l	mg/d			
7V. Chlorobenzene (108-90-7)			X	< .005	< 164.6						mg/l	mg/d			
8V. Chlorodibromomethane (124-48-1)			X	< .005	< 164.6						mg/l	mg/d			
9V. Chloroethane (75-00-3)			X	< .010	< 329.3						mg/l	mg/d			
10V. 2-Chloroethylvinyl Ether (110-75-8)			X												
11V. Chloroform (67-66-3)			X	< .005	< 164.6						mg/l	mg/d			
12V. Dichlorobromomethane (75-27-4)			X	< .005	< 164.6						mg/l	mg/d			
13V. Dichlorodifluoromethane (75-71-8)			X												
14V. 1,1-Dichloroethane (75-34-3)			X	< .005	< 164.6						mg/l	mg/d			
15V. 1,2-Dichloroethane (107-06-2)			X	< .005	< 164.6						mg/l	mg/d			
16V. 1,1-Dichloroethylene (75-35-4)			X	< .005	< 164.6						mg/l	mg/d			
17V. 1,2-Dichloropropane (78-87-5)			X	< .005	< 164.6						mg/l	mg/d			
18V. 1,3-Dichloropropylene (542-75-6)			X												
19V. Ethylbenzene (100-41-4)			X	< .005	< 164.6						mg/l	mg/d			
20V. Methyl Bromide (74-83-9)			X	< .010	< 329.3						mg/l	mg/d			
21V. Methyl Chloride (74-87-3)			X	< .010	< 329.3						mg/l	mg/d			

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CONTINUED FROM PAGE V-4

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
NM0890010515	05A058

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

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – VOLATILE COMPOUNDS *(continued)*															
22V. Methylene Chloride (75-09-2)			X	< .005	< 164.6						mg/l	mg/d			
23V. 1,1,2,2-Tetrachloroethane (79-34-5)			X	< .005	< 164.6						mg/l	mg/d			
24V. Tetrachloroethylene (127-18-4)			X	< .005	< 164.6						mg/l	mg/d			
25V. Toluene (108-88-3)			X	< .005	< 164.6						mg/l	mg/d			
26V. 1,2-Trans-Dichloroethylene (156-60-5)			X	< .005	< 164.6						mg/l	mg/d			
27V. 1,1,1-Trichloroethane (71-55-6)		X		.006	197.6						mg/l	mg/d			
28V. 1,1,2-Trichloroethane (79-00-5)			X	< .005	< 164.6						mg/l	mg/d			
29V. Trichloroethylene (79-01-6)			X	< .005	< 164.6						mg/l	mg/d			
30V. Trichlorofluoromethane (75-69-4)		X		.0084	276.6						mg/l	mg/d			
31V. Vinyl Chloride (75-01-4)			X	< .010	< 329.3						mg/l	mg/d			
GC/MS FRACTION – ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)			X	< .010	< 329.3						mg/l	mg/d			
2A. 2,4-Dichlorophenol (120-83-2)			X	< .010	< 329.3						mg/l	mg/d			
3A. 2,4-Dimethylphenol (105-67-9)			X	< .010	< 329.3						mg/l	mg/d			
4A. 4,6-Dinitro-O-Cresol (534-52-1)			X	< .010	< 329.3						mg/l	mg/d			
5A. 2,4-Dinitrophenol (51-28-5)			X	< .010	< 329.3						mg/l	mg/d			
6A. 2-Nitrophenol (88-75-5)			X	< .010	< 329.3						mg/l	mg/d			
7A. 4-Nitrophenol (100-02-7)			X	< .010	< 329.3						mg/l	mg/d			
8A. P-Chloro-M-Cresol (59-50-7)			X	< .010	< 329.3						mg/l	mg/d			
9A. Pentachlorophenol (87-86-5)			X	< .010	< 329.3						mg/l	mg/d			
10A. Phenol (108-95-2)			X	< .010	< 329.3						mg/l	mg/d			
11A. 2,4,6-Trichlorophenol (88-06-2)			X	< .010	< 329.3						mg/l	mg/d			

CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)			X	< .010	< 329.3						mg/l	mg/d			
2B. Acenaphtylene (208-96-8)			X	< .010	< 329.3						mg/l	mg/d			
3B. Anthracene (120-12-7)			X	< .010	< 329.3						mg/l	mg/d			
4B. Benzidine (92-87-5)			X	< .010	< 329.3						mg/l	mg/d			
5B. Benzo *(a)* Anthracene (56-55-3)			X	< .010	< 329.3						mg/l	mg/d			
6B. Benzo *(a)* Pyrene (50-32-8)			X	< .010	< 329.3						mg/l	mg/d			
7B. 3,4-Benzo-fluoranthene (205-99-2)			X	< .010	< 329.3						mg/l	mg/d			
8B. Benzo *(ghi)* Perylene (191-24-2)			X	< .010	< 329.3						mg/l	mg/d			
9B. Benzo *(k)* Fluoranthene (207-08-9)			X	< .010	< 329.3						mg/l	mg/d			
10B. Bis *(2-Chloro-ethoxy)* Methane (111-91-1)			X	< .010	< 329.3						mg/l	mg/d			
11B. Bis *(2-Chloro-ethyl)* Ether (111-44-4)			X	< .010	< 329.3						mg/l	mg/d			
12B. Bis *(2-Chloroiso-propyl)* Ether (102-60-1)			X	< .010	< 329.3						mg/l	mg/d			
13B. Bis *(2-Ethyl-hexyl)* Phthalate (117-81-7)			X	< .010	< 329.3						mg/l	mg/d			
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)			X	< .010	< 329.3						mg/l	mg/d			
15B. Butyl Benzyl Phthalate (85-68-7)			X	< .010	< 329.3						mg/l	mg/d			
16B. 2-Chloro-naphthalene (91-58-7)			X	< .010	< 329.3						mg/l	mg/d			
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)			X	< .010	< 329.3						mg/l	mg/d			
18B. Chrysene (218-01-9)			X	< .010	< 329.3						mg/l	mg/d			
19B. Dibenzo *(a,h)* Anthracene (53-70-3)			X	< .010	< 329.3						mg/l	mg/d			
20B. 1,2-Dichloro-benzene (95-50-1)			X	< .010	< 329.3						mg/l	mg/d			
21B. 1,3-Dichloro-benzene (541-73-1)			X	< .010	< 329.3						mg/l	mg/d			

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

OUTFALL NUMBER: 05A058

m Ap
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 (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (if available) (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (if available) (2) MASS	d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS *(continued)*															
22B. 1,4-Dichlorobenzene (106-46-7)			X	< .010	< 329.3						mg/l	mg/d			
23B. 3,3'-Dichlorobenzidine (91-94-1)			X	< .010	< 329.3						mg/l	mg/d			
24B. Diethyl Phthalate (84-66-2)			X	< .010	< 329.3						mg/l	mg/d			
25B. Dimethyl Phthalate (131-11-3)			X	< .010	< 329.3						mg/l	mg/d			
26B. Di-N-Butyl Phthalate (84-74-2)			X	< .010	< 329.3						mg/l	mg/d			
27B. 2,4-Dinitrotoluene (121-14-2)			X	< .010	< 329.3						mg/l	mg/d			
28B. 2,6-Dinitrotoluene (606-20-2)			X	< .010	< 329.3						mg/l	mg/d			
29B. Di-N-Octyl Phthalate (117-84-0)			X	< .010	< 329.3						mg/l	mg/d			
30B. 1,2-Diphenylhydrazine *(as Azobenzene)* (122-66-7)			X	< .010	< 329.3						mg/l	mg/d			
31B. Fluoranthene (206-44-0)			X	< .010	< 329.3						mg/l	mg/d			
32B. Fluorene (86-73-7)			X	< .010	< 329.3						mg/l	mg/d			
33B. Hexachlorobenzene (118-74-1)			X	< .010	< 329.3						mg/l	mg/d			
34B. Hexachlorobutadiene (87-68-3)			X	< .010	< 329.3						mg/l	mg/d			
35B. Hexachlorocyclopentadiene (77-47-4)			X	< .010	< 329.3						mg/l	mg/d			
36B. Hexachloroethane (67-72-1)			X	< .010	< 329.3						mg/l	mg/d			
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)			X	< .010	< 329.3						mg/l	mg/d			
38B. Isophorone (78-59-1)			X	< .010	< 329.3						mg/l	mg/d			
39B. Naphthalene (91-20-3)			X	< .010	< 329.3						mg/l	mg/d			
40B. Nitrobenzene (98-95-3)			X	< .010	< 329.3						mg/l	mg/d			
41B. N-Nitrosodimethylamine (62-75-9)			X	< .010	< 329.3						mg/l	mg/d			
42B. N-Nitrosodi-N-Propylamine (621-64-7)			X	< .010	< 329.3						mg/l	mg/d			

CONTINUE ON PAGE

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS *(continued)*															
43B. N-Nitrosodiphenylamine (86-30-6)			X	< .010	< 329.3						mg/l	mg/d			
44B. Phenanthrene (85-01-8)			X	< .010	< 329.3						mg/l	mg/d			
45B. Pyrene (129-00-0)			X	< .010	< 329.3						mg/l	mg/d			
46B. 1,2,4-Trichlorobenzene (120-82-1)			X	< .010	< 329.3						mg/l	mg/d			
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)			X	< .06	< 2.0						ug/l	mg/d			
2P. α-BHC (319-84-6)			X	< 1.0	< 32.9						ug/l	mg/d			
3P. β-BHC (319-85-7)			X	< .4	< 13.2						ug/l	mg/d			
4P. γ-BHC (58-89-9)			X	< .12	< 4.0						ug/l	mg/d			
5P. δ-BHC (319-86-8)			X	< .24	< 7.9						ug/l	mg/d			
6P. Chlordane (57-74-9)			X	< .25	< 8.2						ug/l	mg/d			
7P. 4,4'-DDT (50-29-3)			X	< .06	< 2.0						ug/l	mg/d			
8P. 4,4'-DDE (72-55-9)			X	< .08	< 2.6						ug/l	mg/d			
9P. 4,4'-DDD (72-54-8)			X	< .08	< 2.6						ug/l	mg/d			
10P. Dieldrin (60-57-1)			X	< .08	< 2.6						ug/l	mg/d			
11P. α-Endosulfan (115-29-7)			X	< .05	< 1.6						ug/l	mg/d			
12P. β-Endosulfan (115-29-7)			X	< .08	< 2.6						ug/l	mg/d			
13P. Endosulfan Sulfate (1031-07-8)			X	< .09	< 3.0						ug/l	mg/d			
14P. Endrin (72-20-8)			X	< .06	< 2.0						ug/l	mg/d			
15P. Endrin Aldehyde (7421-93-4)			X	< .031	< 1.0						ug/l	mg/d			
16P. Heptachlor (76-44-8)			X	< .15	< 4.9						ug/l	mg/d			

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EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
NM0890010515	05A058

Form Approved
OMB No. 2040 0086
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1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (if available) (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (if available) (2) MASS	d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – PESTICIDES *(continued)*															
17P. Heptachlor Epoxide (1024-57-3)			X	< .08	< 2.6						ug/l	mg/d			
18P. PCB-1242 (53469-21-9)			X	< 2.0	< 65.9						ug/l	mg/d			
19P. PCB-1254 (11097-69-1)			X	< 2.0	< 65.9						ug/l	mg/d			
20P. PCB-1221 (11104-28-2)			X												
21P. PCB-1232 (11141-16-5)			X												
22P. PCB-1248 (12672-29-6)			X												
23P. PCB-1260 (11096-82-5)			X	< 2.0	< 65.9						ug/l	mg/d			
24P. PCB-1016 (12674-11-2)			X												
25P. Toxaphene (8001-35-2)			X	< 2.5	< 82.3						ug/l	mg/d			

Wx-3 Plastics Section Materials Inventor

03/05/91

CATEGORY	DESCRIPTION	LOCATION
ADHESIVE	ADHESIVE A-1 KIT	305 #9
ADHESIVE	ALUMINUM LIQUID (F-2)	305 #9
ADHESIVE	ALUMINUM PUTTY (F)	305 #9
ADHESIVE	ALUMINUM PUTTY (F)	306 BAY C #3
ADHESIVE	AMICON ADHESIVE	REFRIG. 6
ADHESIVE	ARALHEX BRUSH COMP I	306 COR #2
ADHESIVE	ARALHEX BRUSH COMP II	306 COR #2
ADHESIVE	ARALHEX SPRA COMP II	306 COR #2
ADHESIVE	BARCO BOND MB-165	306 COR#2 L-#9
ADHESIVE	BARCO BOND MB-185	306 COR#2 L-#9
ADHESIVE	CEMENT 5458	305 #9
ADHESIVE	CHEMLOK 607	305 #9
ADHESIVE	DEPEND ADHESIVE KIT	306 BAY C #3
ADHESIVE	DEPEND KIT	REFRIG. 3
ADHESIVE	DURAKORE	306 BAY C #3
ADHESIVE	EASTMAN 910	REFRIG. 6
ADHESIVE	EC 847 AKA SCOTCH-GRIP 847	305 #9
ADHESIVE	ECCOBOND 26	306 COR#2 L-#9
ADHESIVE	EXTRA FAST SETTING EPOXY	306 COR#2 L-#7
ADHESIVE	FLEXO BOND 431:ACTIVATOR BA431	306 BAY A
ADHESIVE	GASKET ELIMINATOR 510	REFRIG. 6
ADHESIVE	GENERAL PURPOSE EPOXY	306 COR#2 L-#6
ADHESIVE	HOT MELT STICKS	305 #9
ADHESIVE	KALEX TUFF STUFF URETHANE	306 COR#2 L-#6
ADHESIVE	LABELING ADHESIVE	306 COR#1 CAB. #8
ADHESIVE	LOCQUIC ACTIVATOR 707	REFRIG. 6
ADHESIVE	LOCQUIC PRIMER N	REFRIG. 6
ADHESIVE	LOCQUIC PRIMER N	REFRIG. 3
ADHESIVE	LOCQUIC PRIMER NF	REFRIG. 6
ADHESIVE	LOCQUIC PRIMER NF	REFRIG. 3
ADHESIVE	LOCQUIC PRIMER T	REFRIG. 6
ADHESIVE	LOCQUIC PRIMER T	REFRIG. 3
ADHESIVE	MINIT-CURE EPOXY	305 #9
ADHESIVE	NO. 77 SPRAY ADHESIVE	306 COR#1 #8
ADHESIVE	PAPER CEMENT	305 #9
ADHESIVE	PLASTIC STEEL LIQUID (B)	305 #9
ADHESIVE	PLASTIC STEEL LIQUID (B)	305 #9
ADHESIVE	PLASTIC STEEL LIQUID (B)	306 BAY C #3
ADHESIVE	PLASTIC STEEL PUTTY (A)	306 BAY C #3
ADHESIVE	PLEX-WELD ACRYLIC CEMENT #19	305 #9
ADHESIVE	RC/620	REFRIG. 6
ADHESIVE	REGULAR SETTING EPOXY	306 COR#2 L-#6
ADHESIVE	REZ-N-BOND	305
ADHESIVE	SCOTCH GRIP 847	305 #9
ADHESIVE	SCOTCH PHOTO MOUNT	306 COR#1 #8
ADHESIVE	SCOTCH SPRA MOUNT	306 COR#1 #8
ADHESIVE	SCOTCH-GRIP CONTACT 1357	305 #9
ADHESIVE	SKYBOND 700	REFRIG. 6
ADHESIVE	SMOOTH-ON IRON CEMENT	305 #9
ADHESIVE	SPEEDBONDER 306	REFRIG. 6
ADHESIVE	SPEEDBONDER 312	REFRIG. 3
ADHESIVE	SPEEDBONDER 312	REFRIG. 2

CATEGORY	DESCRIPTION	LOCATION
ADHESIVE	SPEEDBONDER 319	REFRIG. 6
ADHESIVE	SPEEDBONDER 324	REFRIG. 6
ADHESIVE	SPEEDBONDER 325	REFRIG. 6
ADHESIVE	SPEEDBONDER 353	REFRIG. 6
ADHESIVE	SUPERBONDER 414	REFRIG. 1
ADHESIVE	SUPERBONDER 430	REFRIG. 1
ADHESIVE	SUPERBONDER 495	REFRIG. 1
ADHESIVE	SUPERBONDER 495	REFRIG. 3
ADHESIVE	SUPERBONDER 498	REFRIG. 1
ADHESIVE	SUPERBONDER ACCELERATOR #729	REFRIG. 3
ADHESIVE	TAK PAK ACCELERATOR	REFRIG. 3
ADHESIVE	TAK PAK ADHESIVE KIT	REFRIG. 6
ADHESIVE	TAK PAK KIT	REFRIG. 3
ADHESIVE	THERMALBOND 4951	305 #9
ADHESIVE	THERMOSET 101 EPOXY KIT	305 #9
ADHESIVE	TOOLING & BODY PATCH EPOXY	306 COR#2 L-#6
ADHESIVE	TORR SEAL,STOCK#LG4239,PG1044	306 COR#2 L-#9
ADHESIVE	URETHANE 7200 - PART A	306 COR #2
ADHESIVE	URETHANE 7200 - PART B	306 COR #2
ADHESIVE	URETHANE D-50 ADHESIVE	306 COR#2 L-#6
ADHESIVE	VEEP-1579 COMP I	306 COR #2
ADHESIVE	VEEP-1579 COMP II	306 COR #2
ADHESIVE	VEEP-T-1579-COMP I	306 COR #2
ADHESIVE	WATER CLEAR EPOXY	306 COR#2 L-#6
ADHESIVE	WET SURFACE PATCHING EPOXY	306 COR#2 L-#6
COMPOSITE	BRP 80201 CARBON/PHEN PREPREG	REFRIG. 6
COMPOSITE	BRP 80201 CARBON/PHEN PREPREG	REFRIG. 6
COMPOSITE	BRP 80201 CARBON/PHEN PREPREG	REFRIG. 6
COMPOSITE	BRP 80201 CARBON/PHEN PREPREG	REFRIG # 5
COMPOSITE	MICARTA ANNULUS	305
COMPOSITE	MICARTA ANNULUS	305
COMPRESSED GAS	ACETYLENE	304
COMPRESSED GAS	AIR	304
COMPRESSED GAS	AIR	304
COMPRESSED GAS	ARGON	304
COMPRESSED GAS	ARGON	304
COMPRESSED GAS	FREON 11	306
COMPRESSED GAS	FREON 12	304
COMPRESSED GAS	FREON 14	304
COMPRESSED GAS	GENETRON 113	306
COMPRESSED GAS	HELIUM	304
COMPRESSED GAS	NITROGEN	304
COMPRESSED GAS	NITROGEN	304
COMPRESSED GAS	NITROGEN	304 BAY B
COMPRESSED GAS	NITROGEN	304 BAY C
EPOXY CURATIVE	ACCELERATOR 399	306 BAY A
EPOXY CURATIVE	ADTECH EC-412 HARDENER	305 #
EPOXY CURATIVE	ADTECH EC-413 HARDENER, FAST	305
EPOXY CURATIVE	ADTECH EC-413 HARDENER, MEDIUM	305
EPOXY CURATIVE	AEROJET ACCELERATOR ATC-3	304 OFC
EPOXY CURATIVE	ASILAMINE,DIAMINE CURATIVE	306
EPOXY CURATIVE	D.E.H. 52	305 #8

CATEGORY	DESCRIPTION	LOCATION
EPOXY CURATIVE	EPI-REZ 5022	305 #8
EPOXY CURATIVE	EPI-REZ SU-8	305 #8
EPOXY CURATIVE	EPIBOND 150 B (HARDENER)	305 #7
EPOXY CURATIVE	EPOCAST 202 B	305 #5
EPOXY CURATIVE	EPOCAST 202 B	305 #5
EPOXY CURATIVE	EPOCAST HARDENER 927	305 #8
EPOXY CURATIVE	EPOCAST HARDENER 927	305 #8
EPOXY CURATIVE	EPON CURING AGENT U	305 #8
EPOXY CURATIVE	HARDENER D-40	305 #8
EPOXY CURATIVE	HARDENER HT 976	305 #7
EPOXY CURATIVE	HARDENER HY 195	305 #8
EPOXY CURATIVE	HARDENER HY 9225	305 #8
EPOXY CURATIVE	HARDENER HY 9225	305 #8
EPOXY CURATIVE	JEFFAMINE BUD-2000	304 COR #2
EPOXY CURATIVE	JEFFAMINE EDR-148	305 #7
EPOXY CURATIVE	JEFFAMINE T-403	304 WASH
EPOXY CURATIVE	JEFFAMINE T-403	305
EPOXY CURATIVE	MARASET HARDENER 555, MARAGLAS	305 #7
EPOXY CURATIVE	MARASET HARDENER 555, MARAGLAS	305 #7
EPOXY CURATIVE	MERGINAMIDE L-425	305
EPOXY CURATIVE	VERSAMID 115	305 #7
EPOXY CURATIVE	VERSAMID 125	305 #8
EPOXY CURATIVE	VERSAMID 125	306 BAY A
EPOXY CURATIVE	VERSAMID 140	305 #8
EPOXY CURATIVE	VERSAMID 140	306 BAY A
EPOXY CURATIVE	XU 71783.00L EXP. EPOXY CUR	304 OFC
EPOXY CURATIVE	XU 71783.00L EXPM'T EPOXY	304 OFC
EPOXY RESIN	ADTECH EC-413 RESIN	305 #10
EPOXY RESIN	ALLYL GLYCIDYL ETHER	305 #5
EPOXY RESIN	ARALDITE MY 0500	REFRIG. 1
EPOXY RESIN	ARALDITE MY 0510	REFRIG. 1
EPOXY RESIN	ARALDITE MY 0510	304 WASH BAY
EPOXY RESIN	ARALDITE MY 720	305 #6
EPOXY RESIN	ARALDITE MY 720	305 #7
EPOXY RESIN	BISPHENOL A	305 #5
EPOXY RESIN	CYLIMOLD 5105A	305 #6
EPOXY RESIN	CYLIMOLD 5105A	305 #6
EPOXY RESIN	CYLIMOLD 5105B	305 #6
EPOXY RESIN	D.E.N. 431	305 #5
EPOXY RESIN	D.E.N. 438	306 BAY A
EPOXY RESIN	D.E.R. 330	305 #5
EPOXY RESIN	D.E.R. 331	305 #5
EPOXY RESIN	D.E.R. 332	305
EPOXY RESIN	D.E.R. 332	305 #5
EPOXY RESIN	D.E.R. 732	305 #5
EPOXY RESIN	D.E.R. 732	305 #5
EPOXY RESIN	D.E.R. 736	305 #5
EPOXY RESIN	D.E.R. 736	305 #5
EPOXY RESIN	DER 332	305
EPOXY RESIN	EPIBOND 150 A (RESIN)	305 #7
EPOXY RESIN	EPOCAST 202 A	305 #5
EPOXY RESIN	EPOCAST 202 A	305 #5

CATEGORY	DESCRIPTION	LOCATION	
EPOXY RESIN	EPON 1001 SOLID	305	#5
EPOXY RESIN	EPON 1031	305	#6
EPOXY RESIN	EPON 815	306	BAY A
EPOXY RESIN	EPON 815	305	
EPOXY RESIN	EPON 826	305	#5
EPOXY RESIN	EPON 826	305	#6
EPOXY RESIN	EPON 828	305	
EPOXY RESIN	EPON 828	306	BAY A
EPOXY RESIN	EPON 834	305	#6
EPOXY RESIN	EPON 871	305	#6
EPOXY RESIN	EPON 871	305	#6
EPOXY RESIN	ERL 4221	305	#4
EPOXY RESIN	ERL 4221	305	#5
EPOXY RESIN	FLEXIBLE RESIN #1	305	#5
EPOXY RESIN	MARASET RESIN 655 (MARAGLAS)	305	#7
EPOXY RESIN	PHENYL GLYCIDYL ETHER	305	#5
EPOXY RESIN	TACTIX 123	307	#7
EPOXY RESIN	TACTIX H-31	305	#7
FILLER	ALUNDUM,ALUMINA,FROM N.CALKINS	305	
FILLER	BAKELITE PHENOLIC MICROBALLOON	305	#17
FILLER	BETA-EUCRYPTITE	305	#16
FILLER	CAB-O-SIL GRADE HS-5	305	#21
FILLER	CAB-O-SIL GRADE MS-75	305	#21
FILLER	CAB-O-SIL GRADE TS-720	306	CORR.
FILLER	CAB-O-SIL N-70 TX	305	#21
FILLER	CARBON BLACK	305	#17
FILLER	CARBON FIBER,GRADE 314NT	TR.	
FILLER	CARBON MICROBALLOONS	306	BAY A
FILLER	ECCOSPHERES FTD-202	305	FLOOR TRUCK
FILLER	ETHYL CELLULOSE	305	#15
FILLER	FIBERGLASS STRAND, CHOPPED	305	#15
FILLER	FULLER'S EARTH	305	#15
FILLER	GLASS BEADS	305	#15
FILLER	M-20X GLASS MICROBALLOONS	305	FLOOR TRUCK
FILLER	MAGNAMITE GRAPHITE FIBERS	305	
FILLER	MINERALITE 3X	305	#15
FILLER	MINERALITE 4X	305	#15
FILLER	PARAGON CLAY	305	#15
FILLER	SCOTCHLITE A-16/500 BUBBLES	305	FLOOR TRUCK
FILLER	SCOTCHLITE A-20/1000 BUBBLES	305	FLOOR TRUCK
FILLER	SCOTCHLITE B-18/A BUBBLES	305	FLOOR TRUCK
FILLER	SCOTCHLITE B-22/A BUBBLES	305	FLOOR TRUCK
FILLER	SCOTCHLITE B-35/D BUBBLES	305	FLOOR TRUCK
FILLER	SCOTCHLITE D-32/4500 BUBBLES	306	BAY A
FILLER	SCOTCHLITE D-32/4500 BUBBLES	306	
FILLER	SILICA	305	#15
FILLER	SPECIAL MICA FILLER	305	#15
FILLER	THORNEL CARBON FIBER	305	#15
GLYCOL	BUTANE DIOL	305	#2
GLYCOL	BUTANE DIOL	305	#2
GLYCOL	CASTOR OIL	305	#3
GLYCOL	CASTOR OIL	305	#3

CATEGORY	DESCRIPTION	LOCATION	
GLYCOL	CASTOR OIL	305	#3
GLYCOL	ETHYLENE GLYCOL	305	#2
GLYCOL	NIAX POLYOL 11-27	305	#2
GLYCOL	NIAX POLYOL 31-28	305	#3
GLYCOL	NIAX POLYOL 34-28	305	#3
GLYCOL	NIAX POLYOL LA-475	305	#3
GLYCOL	NIAX POLYOL LA-700	305	#3
GLYCOL	NIAX POLYOL LG-168	305	#2
GLYCOL	NIAX POLYOL LG-56-ONE	305	#2
GLYCOL	NIAX POLYOL LHT-240	305	#2
GLYCOL	NIAX POLYOL LHT-240	305	#2
GLYCOL	NIAX POLYOL LHT-28	305	#2
GLYCOL	NIAX POLYOL LHT-34	305	#2
GLYCOL	NIAX POLYOL LHT-67	305	#3
GLYCOL	NIAX POLYOL LS-490	306	BAY A
GLYCOL	NIAX POLYOL LS-490	305	#3
GLYCOL	NIAX POLYOL PPG 2025	305	
GLYCOL	NIAX POLYOL PPG-1025	305	#2
GLYCOL	NIAX POLYOL PPG-1025	305	#3
GLYCOL	NIAX POLYOL PPG-1025	306	BAY A
GLYCOL	NIAX POLYOL PPG-2025	305	#2
GLYCOL	NIAX POLYOL PPG-2025-ONE	305	#2
GLYCOL	NIAX POLYOL PPG-2025-ONE	305	#3
GLYCOL	NIAX POLYOL PPG-3025	305	#2
GLYCOL	NIAX POLYOL PPG-4025	305	#2
GLYCOL	NIAX POLYOL PPG-425	305	#3
GLYCOL	NIAX TRIOL LG-168	305	#2
GLYCOL	NIAX TRIOL LG-56	305	#3
GLYCOL	NIAX TRIOL LHT-112	305	#3
GLYCOL	NIAX TRIOL LHT-42	305	#3
GLYCOL	PLURACOL PEP 450	305	#3
GLYCOL	PLURACOL PEP 550	305	#2
GLYCOL	PLURACOL PEP 550	305	#3
GLYCOL	PLURACOL PEP 650	305	#2
GLYCOL	PLURACOL TP 2540	305	#3
GLYCOL	PLURACOL TP 2540	305	#3
GLYCOL	PLURACOL TP 4040	305	#3
GLYCOL	PLURACOL TP 440	305	#3
GLYCOL	PLURACOL TPE 4542	305	#3
GLYCOL	PLURACOL TPE 4542	305	#3
GLYCOL	PLURONIC L-81	305	#3
GLYCOL	PLURONIC L-31	305	#3
GLYCOL	PLURONIC L-61	305	#3
GLYCOL	POLYBD R-45HT	305	#3
GLYCOL	POLYBD R-45M	305	#3
GLYCOL	POLYGLYCOL E-200	305	#3
GLYCOL	POLYGLYCOL P-400	305	#2
GLYCOL	POLYMEG 1000	305	#2
GLYCOL	POLYMEG 650	305	#2
GLYCOL	PROPANE DIOL	305	#2
GLYCOL	QUADROL	305	#2
GLYCOL	QUADROL	306	BAY A

CATEGORY	DESCRIPTION	LOCATION	
GLYCOL	TETRONIC 304	305	#3
GLYCOL	TETRONIC 504	305	#3
GLYCOL	TETRONIC 701	305	#3
GLYCOL	TETRONIC 901	305	#2
GLYCOL	TETRONIC 901	306	BAY A
GLYCOL	TETRONIC 908	305	#3
GLYCOL	TRIMETHYLOL PROPANE	305	#2
GLYCOL	TRITON X-100	305	#2
INORGANIC	ALOXITE GRIT #320W	305	#1
INORGANIC	ALUMINA	305	#1
INORGANIC	ALUMINA, 500 MESH	305	#1
INORGANIC	ALUMINA, 60 MESH	305	#1
INORGANIC	ALUMINIUMOXID C	305	
INORGANIC	ALUMINUM OXIDE GRIT #500	305	#1
INORGANIC	ALUNDUM #120	305	#1
INORGANIC	ALUNDUM #240	305	#1
INORGANIC	ALUNDUM #38-900 AWIF	305	#1
INORGANIC	ALUNDUM #46	305	#1
INORGANIC	ALUNDUM #4F-E-168	305	#1
INORGANIC	ALUNDUM 100	305	#1
INORGANIC	ALUNDUM 101	305	#1
INORGANIC	ALUNDUM 180	305	#1
INORGANIC	ALUNDUM 220	305	#1
INORGANIC	ALUNDUM 38-500 AWIF	305	#1
INORGANIC	AMMONIUM CHLORIDE	304	COR #2
INORGANIC	AMMONIUM CHLORIDE	304	COR #2
INORGANIC	AMMONIUM CHLORIDE	304	COR #2
INORGANIC	AMMONIUM CHLORIDE	304	COR #2
INORGANIC	AMMONIUM HYDROXIDE	306	DOCK
INORGANIC	BARIUM NITRATE, GROUND	304	COR #2
INORGANIC	BARIUM SULFATE	304	COR #2
INORGANIC	BORIC ACID	304	COR #2
INORGANIC	BORON CARBIDE 320/60 GRIT	305	#1
INORGANIC	BORON CARBIDE 60/600 GRIT	305	#1
INORGANIC	BORON CARBIDE JET MILL	305	#1
INORGANIC	BORON NITRIDE AEROSOL SPRAY	304	COR #2
INORGANIC	BORON NITRIDE COATING TYPE A	304	COR #2
INORGANIC	BORON NITRIDE COATING TYPE A	304	COR #2
INORGANIC	BORON NITRIDE COATING TYPE S	304	COR #2
INORGANIC	BORON NITRIDE COATING TYPE S	304	COR #2
INORGANIC	BORON NITRIDE COATING TYPE V	304	COR #2
INORGANIC	BORON NITRIDE COATING TYPE V	304	COR #2
INORGANIC	CADMIUM SULFATE	304	COR #2
INORGANIC	CALCIUM CHLORIDE	304	COR #2
INORGANIC	CALCIUM SULFATE	304	COR #2
INORGANIC	GYPSUM CEMENT	305	#12
INORGANIC	HYDROCHLORIC ACID	304	OFC
INORGANIC	LEAD OXIDE RED	304	COR #2
INORGANIC	LEAD SULFATE	304	COR #2
INORGANIC	LEAD SULFATE	304	COR #2
INORGANIC	LITHIUM CARBONATE	304	COR #2
INORGANIC	LITHIUM CARBONATE	304	COR #2

CATEGORY	DESCRIPTION	LOCATION
INORGANIC	LITHIUM CARBONATE	304 COR #2
INORGANIC	LITHIUM CARBONATE	305
INORGANIC	LITHIUM CARBONATE	305
INORGANIC	LITHIUM CARBONATE	305
INORGANIC	LITHIUM FLUORIDE	304 COR #2
INORGANIC	LITHIUM STEARATE	305 TRAIN
INORGANIC	MAGNESIUM ACETATE	304 COR #2
INORGANIC	MOLYBDENUM SULFIDE	304 COR #2
INORGANIC	MOLYBDENUM DISULFIDE	304 COR #2
INORGANIC	MOLYBDENUM SULFIDE	304 COR #2
INORGANIC	MOLYKOTE Z POWDER	306 BAY C #3
INORGANIC	MOLYKOTE Z POWDER	306 BAY C #3
INORGANIC	NORBIDE 100 GRIT	305 #1
INORGANIC	NORBIDE 150 GRIT	305 #1
INORGANIC	NORBIDE 155 GRIT	305 #1
INORGANIC	NORBIDE 30 GRIT	305 #1
INORGANIC	NORBIDE 320 GRIT	305 #1
INORGANIC	NORBIDE 60 GRIT	305 #1
INORGANIC	NORBIDE 60 GRIT	305 #1
INORGANIC	NORBIDE 600 GRIT	305 #1
INORGANIC	NORBIDE 600 GRIT	305 #1
INORGANIC	PHOSPHORIC ACID	304 COR #2
INORGANIC	PHOSPHORIC ACID	304 OFC
INORGANIC	PHOSPHORIC ACID, ANHYDRIDE	304 COR #2
INORGANIC	PLASTER	304 COR #2
INORGANIC	POTASSIUM CHROMATE	304 COR #2
INORGANIC	POTASSIUM DICHROMATE	304 COR #2
INORGANIC	SODIUM CHLORIDE	304 COR #2
INORGANIC	SODIUM CHLORIDE	304 COR #2
INORGANIC	SODIUM CHLORIDE (ROCK SALT)	304 COR #2
INORGANIC	SODIUM CHROMATE	304 COR #2
INORGANIC	SODIUM HYDROXIDE	304 COR #2
INORGANIC	SODIUM HYDROXIDE	304 COR #2
INORGANIC	SODIUM HYDROXIDE	304 WASH DOWN BAY
INORGANIC	SODIUM SILICATE SOLUTION	304 COR #2
INORGANIC	SODIUM SILICATE SOLUTION	304 COR #2
INORGANIC	SODIUM SILICATE SOLUTION	304 COR #2
INORGANIC	SODIUM THIOSULFATE	304 COR #2
INORGANIC	SULFUR, PRECIPITATED	304 COR #2
INORGANIC	SULFUR, SUPERFINE POWDER	304 COR #2
INORGANIC	SULFUR, TIRE	305 #17
INORGANIC	SULFUR, TIRE	305 #17
INORGANIC	SULFURIC ACID	304 OFC
INORGANIC	TALCUM	304 COR #2
INORGANIC	TITANIUM DIOXIDE	304 COR #2
INORGANIC	TITANIUM DIOXIDE	304 COR #2
INORGANIC	ZINC NAPHTHENATE, 10%	304 COR #2
INORGANIC	ZINC NITRATE, 6-HYDRATE	304 COR #2
INORGANIC	ZINC OXIDE	304 COR #2
INORGANIC	ZINC STEARATE	304 COR #2
INORGANIC	ZIRCONIUM OXIDE	304 COR #2
METAL	ALUM. POWDER,120 MESH	305 #22

CATEGORY	DESCRIPTION	LOCATION
METAL	ALUMINUM METAL DUST	305 #22
METAL	ALUMINUM METAL POWDERED	305 #22
METAL	ALUMINUM POWDER 120 MESH	305 #22
METAL	BORON (ENRICHED)	304 BAY C
METAL	BORON (ENRICHED)	304 BAY C
METAL	BORON (ENRICHED)	304 BAY C
METAL	BORON (NATURAL)	304 BAY C
METAL	BORON (NATURAL)	304 BAY C
METAL	BORON (NATURAL)	304 BAY C
METAL	BORON (NATURAL)	304 BAY C
METAL	BORON - 100 MESH	305 #22
METAL	BORON GRADE A	305 #22
METAL	BORON POWDER	305 #22
METAL	BORON, AMORPHOUS	305 #22
METAL	BORON, CRYSTALLINE	306 BAY C
METAL	BORON, CRYSTALLINE	306 BAYC
METAL	BORON, CRYSTALLINE	306 BAY C
METAL	BORON, CRYSTALLINE	306 BAY C
METAL	BRUNSMET	305 #22
METAL	COPPER METAL POWDER	305 #22
METAL	COPPER METAL SHOT	305 #22
METAL	COPPER METAL SHOT	305 #22
METAL	COPPER POWDER	305 #22
METAL	IRON METAL POWDER	305 #22
METAL	IRON POWDER, CARBONYL	305 #22
METAL	LEAD POWDER	305 #22
METAL	LEAD, GRANULAR	305 #22
METAL	NICKEL POWDER	305 #22
METAL	NICKEL POWDER	305 #22
METAL	NICKEL SHOT	305 #22
METAL	NICKEL WIRE	305 #22
METAL	TIN METAL, GRANULAR	305 #22
METAL	TUNGSTEN	305 #22
METAL	TUNGSTEN	305 #22
METAL	TUNGSTEN POWDER	305
METAL	TUNGSTEN POWDER,COARSE	305
METAL	TUNGSTEN POWDER,FINE	305
METAL	TUNGSTEN POWDER,FINE	305
METAL	TUNGSTEN POWDER,MEDIUM	305
METAL	TUNGSTEN POWDER,MEDIUM	305
METAL	TUNGSTEN POWDER,MEDIUM	306
METAL	TUNGSTEN POWDER,U I.5	305
METAL	TUNGSTEN, FINE	305 #22
METAL	TUNGSTEN, MISCELLANEOUS	305 #22
MISC.	AERO KROIL	306 BAY C #3
MISC.	ALBA PETROLATUM	305 #21
MISC.	ALUMINUM HEAT RESIST PAINT	306 COR#1 #8
MISC.	BIOACT,DG-1,SOLVENT	306,DOCK,RM.103
MISC.	BLACK LIQUID STENCIL INK	306 COR#1 #8
MISC.	BRILLIANTSHINE METAL POLISH	306 COR#1 CAB. #7
MISC.	CHEMGRIP TREATING AGENT	305 #19
MISC.	CROWN 8034 SILICONE LUBRICANT	306 COR#1

CATEGORY	DESCRIPTION	LOCATION
MISC.	DC 1-2531 RELEASE COATING	305 #21
MISC.	DC 23	305 #14
MISC.	DC 23	305 #14
MISC.	DC-7 COMPOUND	306 BAY A
MISC.	DGF 123	306 COR#1 CAB. #7
MISC.	DUST CHASER	306 COR#1 CAB. #7
MISC.	EASY OFF WINDOW CLEANER	306 COR#1 CAB. #7
MISC.	EMULSYDE SS CLEANER	306 COR#1 CAB. #7
MISC.	FISHER BATH WAX	305 #21
MISC.	FLO-MASTER BLACK INK	306 COR#1 #8
MISC.	FLO-MASTER YELLOW INK	306 COR#1 #8
MISC.	FOMBLIN FLUID	304
MISC.	GRAPHITE PENETRATING OIL	306 COR#1 CAB. #7
MISC.	GSA INSECTICIDE #6840010672137	306 COR#1 CAB. #7
MISC.	KLEEN-IT	306 COR#1 CAB. #7
MISC.	KRYLON CRYSTAL CLEAR #1302	306 COR#1 #8
MISC.	KRYTOX 143 AZ FLUORINATED OIL	306
MISC.	LAMINATING FILM	306 COR.2
MISC.	LUBRIPLATE 107	304 BAY A
MISC.	METCO 625 BOND COAT POWDER	306
MISC.	MICROFLAT GRANITE SURFACE	306 COR#1 CAB. #7
MISC.	MOLD RELEASE 225	305 #21
MISC.	MOLD RELEASE 225	306 BAY C
MISC.	MOLECULAR SIEVE TYPE 3A	305 #20
MISC.	MOLECULAR SIEVE TYPE 4A	305 #20
MISC.	MS-122	306 BAY C
MISC.	MS-136	306 BAY C
MISC.	MS-190 FREON TMC SOLV FLUX REM	306 COR#1
MISC.	NEOPRENE	305
MISC.	NEUTRO-STAT	306 COR#1 CAB. #7
MISC.	PDRP #707	306 COR#1 CAB. #7
MISC.	PERMA-MOLD 1-27	305 #21
MISC.	PLASTIC FILM:BLUE,GREEN,.003"T	305
MISC.	POLYURETHANE SHEET,60A:90A	305
MISC.	PRIME COAT:3-6060	306 BAY A
MISC.	PST 56747 PIPE SEALANT	306 REF#3
MISC.	SILICONE LUBRICANT #8034	306 COR#1
MISC.	SILICONE MOLD RELEASE #205	304 BAY A
MISC.	SIMONIZ	306 BAY A#1
MISC.	SIMONIZ	306 BAY C#1
MISC.	SLIPICONE	306 BAY C
MISC.	SPEED E-NAMEL, GLOSS BLACK	306 COR#1 #8
MISC.	SPEED E-NAMEL, GLOSS WHITE	306 COR#1 CAB. #8
MISC.	SPEED-A-WAY GLASS CLEANER	306 COR#1 CAB. #7
MISC.	SPRA TOOL	306 COR#1 CAB. #7
MISC.	UCON HEAT TRANSFER FLUID 500	304 DOCK
MISC.	VINYL, CAST	305
MISC.	WEEKEND GREEN SPRAY PAINT	306 COR#1 #8
MISC.	WEEKEND RED SPRAY PAINT	306 COR#1 #8
MISC.	WEEKEND YELLOW SPRAY PAINT	306 COR#1 #8
MISC.	WRINKLE FINISH GREY PAINT	306 COR#1 #8
MISC. THERMOSET	APO-BM1	304 COR#1

CATEGORY	DESCRIPTION	LOCATION
MISC. THERMOSET	CASTOLITE AP	REFRIG. 1
MISC. THERMOSET	CASTOLITE HARDENER	REFRIG. 1
MISC. THERMOSET	CASTOLITE HARDENER	306
MISC. THERMOSET	PHENOLIC MOLDING COMPOUND	304
MISC. THERMOSET	R-113	REFRIG. 2
MISC. THERMOSET	VCE COPOLYMER	REFRIG. 6
ORGANIC	ACETIC ACID GLACIAL	304 OFC
ORGANIC	ACETONE	304 WASH DOWN BAY
ORGANIC	ACETONE	304 WASH DOWN BAY
ORGANIC	ACETONE	306 WASH DOWN BAY
ORGANIC	ACETONE	306 DOCK
ORGANIC	ACETONE	306 DOCK
ORGANIC	ADIPIC DIHYDRAZIDE	304 COR #2
ORGANIC	AMINOETHYL)PIPERAZINE	304 COR #2
ORGANIC	AMYL ACID PHOSPHATE	304 COR #2
ORGANIC	ASPARTIC ACID	304 COR #2
ORGANIC	B-D-LACTOSE	305 #16
ORGANIC	BIOACT,DG-1,SOLVENT	306 DOCK
ORGANIC	BORESTER 30	304 COR #2
ORGANIC	BROMOETHANOL	304 WASH DOWN BAY
ORGANIC	BUTYL ACETATE	304 WASH DOWN BAY
ORGANIC	BUTYL ACID PHOSPHATE	304 COR #2
ORGANIC	CATALYST T-1	304 COR #2
ORGANIC	CATALYST T-12	304 COR #2
ORGANIC	CATALYST T-9	304 COR #1
ORGANIC	CATALYST T-9	REFRIG. 3
ORGANIC	CEE BEE STRIPPER	306 DOCK
ORGANIC	CHLOROFORM	306 DOCK
ORGANIC	CHLOROTHENE	304 WASH DOWN BAY
ORGANIC	CHLOROTHENE	306 WASH DOWN BAY
ORGANIC	CHLOROTHENE	306 DOCK
ORGANIC	CHLOROTHENE, WASTE	306 WASH DOWN BAY
ORGANIC	CITRIC ACID	304 COR #2
ORGANIC	CITRIC ACID	304 COR #2
ORGANIC	CITRIC ACID	304 COR #2
ORGANIC	CYCLOHEXANE	304 WASH DOWN BAY
ORGANIC	CYCLOPENTANE	304 WASH DOWN BAY
ORGANIC	DABCO	304 COR #2
ORGANIC	DABCO 33LV	306 BAY A
ORGANIC	DABCO 33LV	306 BAY A
ORGANIC	DEB--BIS(PHENYLETHYNYL)BENZENE	304 101
ORGANIC	DI-CUP 40C	REFRIG. 3
ORGANIC	DI-N-BUTYL PHOSPHATE	304 COR #2
ORGANIC	DIAMINODIPHENYL SULFONE	305 #8
ORGANIC	DIBUTYLTIN DIACETATE	304 COR #2
ORGANIC	DICYANDIAMIDE	304 COR #2
ORGANIC	DIETHYL SEBACATE	304 COR #2
ORGANIC	DIETHYLAMINOETHANOL	304 COR #2
ORGANIC	DIETHYLAMINOPROPYLAMINE	304 COR #2
ORGANIC	DIETHYLENETRIAMINE	304 COR #2
ORGANIC	DIETHYLTOLUENEDIAMINE	304 COR #2
ORGANIC	DIMETHYL SEBACATE	304 COR #2

CATEGORY	DESCRIPTION	LOCATION
ORGANIC	DIMETHYL SULFOXIDE	304 WASH DOWN BAY
ORGANIC	DIMETHYLBENZYLAMINE	304 WASH DOWN BAY
ORGANIC	DIMETHYLBUTANE	306
ORGANIC	DIMETHYLFORMAMIDE	304 COR #2
ORGANIC	DIPHENYLGUANIDINE	304 COR #2
ORGANIC	DMP-10	304 COR #2
ORGANIC	DMP-30	304 COR #2
ORGANIC	DMP-30	306 BAY A
ORGANIC	DRY ICE	306 BAY C
ORGANIC	EASTMAN 910 SOLVENT	306 DOCK
ORGANIC	ECA(ZZL-0334)ANHYDRIDE	304 COR #2
ORGANIC	EMI-24	304 COR #2
ORGANIC	EMPOL 1014 DIMER ACID	304 COR #2
ORGANIC	EMPOL 1022 DIMER ACID	304 COR #2
ORGANIC	EMPOL 1024 DIMER ACID	304 COR #2
ORGANIC	EMPOL 1040 TRIMER ACID	304 COR #2
ORGANIC	EMPOL 1043 DIMER ACID	304 COR #2
ORGANIC	ETHANOL 190 PROOF	304 WASH DOWN BAY
ORGANIC	ETHANOL 190 PROOF	306 WASH DOWN BAY
ORGANIC	ETHANOL 190 PROOF	306 WASH DOWN BAY
ORGANIC	ETHANOL 190, WASTE	306 WASH DOWN BAY
ORGANIC	ETHYL ACETATE	306 DOCK
ORGANIC	FERRIC ACETYLACETONATE	304 COR #2
ORGANIC	FERRIC ACETYLACETONATE	304 COR #2
ORGANIC	FORMIC ACID	304 COR #2
ORGANIC	FREON TF	306 WASH DOWN BAY
ORGANIC	FURALDEHYDE	304 WASH DOWN BAY
ORGANIC	GLUTARIC ACID	304 COR #2
ORGANIC	GLYCERIN	304 COR #2
ORGANIC	HET ANHYDRIDE	304 COR #2
ORGANIC	HEXADECANE	304 WASH DOWN BAY
ORGANIC	HYDROQUINONE	304 COR #2
ORGANIC	HYLENE MP	REFRIG. 6
ORGANIC	HYLENE W (DESMODUR W)	305 #19
ORGANIC	INDIGO	304 COR #2
ORGANIC	ISOPHORONEDIAMINE	304 COR #2
ORGANIC	ISOPROPYL ALCOHOL	304 WASH DOWN BAY
ORGANIC	ISOPROPYL ALCOHOL	306 DOCK
ORGANIC	ISOPROPYL ALCOHOL	306 DOCK
ORGANIC	ISOPROPYL ALCOHOL	304
ORGANIC	ITACONIC ACID	304 COR #2
ORGANIC	KEROSENE	306 WASH DOWN BAY
ORGANIC	MALEIC ACID	304 COR #2
ORGANIC	MALONIC ACID	304 COR #2
ORGANIC	MENTHANE DIAMINE	304 COR #2
ORGANIC	METHANOL	304 WASH DOWN BAY
ORGANIC	METHANOL	306 WASH DOWN BAY
ORGANIC	METHANOL	306 DOCK
ORGANIC	METHANOL	306 DOCK
ORGANIC	METHANOL TECHNICAL GRADE	306 WASH DOWN BAY
ORGANIC	METHANOL,ANHYDROUS REAGENT	304
ORGANIC	METHYL ETHYL KETONE	306 WASH DOWN BAY

CATEGORY	DESCRIPTION	LOCATION
ORGANIC	METHYL MORPHOLINE	304 COR #2
ORGANIC	METHYL ORANGE	304 COR #2
ORGANIC	METHYL RED	304 COR #2
ORGANIC	MOCEA	304 COR #2
ORGANIC	MOCMA	304 COR #2
ORGANIC	MOFA	304 COR #2
ORGANIC	MONDUR TD-80	305 #12
ORGANIC	MS-160 FREON T-P35 SOLVENT	306 COR#1 CAB. #7
ORGANIC	NADIC METHYL ANHYDRIDE	304 COR #2
ORGANIC	NIAX CATALYST #D-22	304 COR #2
ORGANIC	NITRILOTRIETHANOL	304 COR #2
ORGANIC	NITRILOTRIETHANOL	304 COR #2
ORGANIC	NITROBENZENE	304 WASH DOWN BAY
ORGANIC	OCTANE	304 WASH DOWN BAY
ORGANIC	PENTANE	306 DOCK
ORGANIC	PERFLUOROTRIBUTYLAMINE	304 COR #2
ORGANIC	PETROLEUM ETHER	304 WASH DOWN BAY
ORGANIC	PHENOL, LIQUIFIED	306 DOCK
ORGANIC	PHENOLPHTHALEIN	304 COR #2
ORGANIC	PHENYLENEDIAMINE	304 COR #2
ORGANIC	PHTHALOYL CHLORIDE	304 COR #2
ORGANIC	PIMELIC ACID	304 COR #2
ORGANIC	PIPERIDINE	304 COR #2
ORGANIC	RESORCINOL	304 COR #2
ORGANIC	SALICYLIC ACID	304 COR #2
ORGANIC	SORBITOL	305 #16
ORGANIC	TDID	REFRIG. 6
ORGANIC	TDID	REFRIG. 6
ORGANIC	TETRABROMOETHANE	306 DOCK
ORGANIC	TETRAHYDROFURAN	306 DOCK
ORGANIC	TETRAMETHOXY PROPANE	304 COR #2
ORGANIC	TETRAMETHYL-1,3-BUTANEDIAMINE	304 COR #2
ORGANIC	TETRAMETHYL-1,3-BUTANEDIAMINE	304 COR #2
ORGANIC	TETRAMETHYL-1,3-BUTANEDIAMINE	304 COR #2
ORGANIC	TITAN 12 REFRIGERANT	306 COR#1 CAB. #7
ORGANIC	TOLUENE	304 WASH DOWN BAY
ORGANIC	TOLUENE	304 WASH DOWN BAY
ORGANIC	TOLUENE	304 WASH DOWN BAY
ORGANIC	TOLUENE	304 WASH DOWN BAY
ORGANIC	TOLUENE	306 DOCK
ORGANIC	TOLUENE	306 DOCK
ORGANIC	TOLUENE	306 DOCK
ORGANIC	TRIETHANOLAMINE	304 COR #2
ORGANIC	TRIETHANOLAMINE	304 COR. #2
ORGANIC	TRIETHYLENETETRAMINE	304 COR #2
ORGANIC	TRIETHYLENETETRAMINE	304 COR #2
ORGANIC	TRIMETHOXYBOROXINE	304 COR #2
ORGANIC	TRIMETHYL ORTHOFORMATE	304 COR #2
ORGANIC	TYZOR TBT	304 COR #2
ORGANIC	UREA	305 #16
ORGANIC	UREA, PRILLED	305 #16
ORGANIC	WASTE ACETONE	306 WASH DOWN BAY

CATEGORY	DESCRIPTION		LOCATION
ORGANIC	XYLENE	306	DOCK
POLYURETHANE CURATIVE	POLAMINE 1000	306	
PIGMENT	ALUMINUM BLACK POWDER	305	#16
PIGMENT	BRIGHT RED URETHANE DYE	305	#16
PIGMENT	FD&C RED #3	305	#16
PIGMENT	HI VIZ CERISE	305	#16
PIGMENT	HI VIZ CERISE RED	305	#16
PIGMENT	HI VIZ GOLD YELLOW	305	#16
PIGMENT	HI VIZ GOLD YELLOW	305	#16
PIGMENT	HI VIZ GREEN	305	#16
PIGMENT	HI VIZ GREEN	305	#16
PIGMENT	HI VIZ LEMON YELLOW	305	#16
PIGMENT	HI VIZ LEMON YELLOW	305	#16
PIGMENT	HI VIZ ORANGE YELLOW	305	#16
PIGMENT	HI VIZ PINK	305	#16
PIGMENT	HI VIZ PINK	305	#16
PIGMENT	HI VIZ RED	305	#16
PIGMENT	HI VIZ RED	305	#16
PIGMENT	HI VIZ RED ORANGE	305	#16
PIGMENT	HI VIZ VIVID BLUE	305	#16
PIGMENT	HI VIZ VIVID BLUE	305	#16
PIGMENT	HI VIZ YELLOW ORANGE	305	#16
PIGMENT	LAMPBLACK	305	#16
PIGMENT	MISC. BLUE PASTE	305	#16
PIGMENT	MISC. PEACH PASTE	305	#16
PIGMENT	MISC. RED PASTE	305	#16
PIGMENT	MISC. YELLOW PASTE	305	#16
PIGMENT	MONASTRAL FAST GREEN	305	#16
PIGMENT	PURPLE POWDER	305	#16
PIGMENT	PYLAM GREEN #3	305	#16
PIGMENT	SILICONE DYE,BLU,WHT.,YELL,RED	305	
PIGMENT	URETHANE BLUE PASTE BU	305	#16
PIGMENT	URETHANE BLUE PASTE BU	305	#16
PIGMENT	URETHANE BROWN PASTE #662	305	#16
PIGMENT	URETHANE GREEN PASTE GU	305	#16
PIGMENT	URETHANE GREEN PASTE GU	305	#16
PIGMENT	URETHANE PASTE DYE, BLACK	306	BAYC
PIGMENT	URETHANE PASTE DYE, BLACK	305#9	
PIGMENT	URETHANE PASTE DYE, BLUE	306	BAYC
PIGMENT	URETHANE PASTE DYE, BROWN	306	BAYC
PIGMENT	URETHANE PASTE DYE, BROWN	305	
PIGMENT	URETHANE PASTE DYE, DK. BLUE	305	
PIGMENT	URETHANE PASTE DYE, GREEN	306	BAYC
PIGMENT	URETHANE PASTE DYE, GREEN	305	
PIGMENT	URETHANE PASTE DYE, RED	306	BAYC
PIGMENT	URETHANE PASTE DYE, RED	305	
PIGMENT	URETHANE PASTE DYE, WHITE	306	BAYC
PIGMENT	URETHANE PASTE DYE, WHITE	305	
PIGMENT	URETHANE PASTE DYE, YELLOW	306	BAYC
PIGMENT	URETHANE PASTE DYE, YELLOW	305	#9
PIGMENT	URETHANE RED PASTE GU	305	#16

CATEGORY	DESCRIPTION	LOCATION
PIGMENT	URETHANE RED PASTE GU	305 #16
PIGMENT	URETHANE YELLOW PASTE RU	305 #16
PIGMENT	WHITE PIGMENT CONCENTRATE	305 #16
PIGMENT	X5-39H RED	305 #16
POLYURETHANE CURATIVE	APOCURE 601E (CYANACURE)	305 #20
POLYURETHANE CURATIVE	ASILAMINE,DIAMINE CURATIVE	306
POLYURETHANE CURATIVE	BKC 7005 COMP. T	305
POLYURETHANE CURATIVE	CONACURE AH-50	305 #19
POLYURETHANE CURATIVE	CYANACURE	305 #20
POLYURETHANE CURATIVE	CYANACURE	305 #20
POLYURETHANE CURATIVE	CYANACURE	305
POLYURETHANE CURATIVE	HGH 18	306
POLYURETHANE CURATIVE	HGH 19	306
POLYURETHANE CURATIVE	POLACURE 740 M	305 #20
POLYURETHANE CURATIVE	POLACURE 740 M	305 #20
POLYURETHANE CURATIVE	POLACURE 740 M	305 #20
POLYURETHANE CURATIVE	POLAMINE 1000	305
POLYURETHANE CURATIVE	POLAMINE 1000G	305
POLYURETHANE CURATIVE	POLAMINE 2000	305
POLYURETHANE CURATIVE	POLAMINE 2000G	305
POLYURETHANE CURATIVE	POLAMINE 650	306 BAY A
POLYURETHANE CURATIVE	URACURE 3726:MBOEA	304 101
POLYURETHANE RESIN	ADIPRENE L 325	305 #19
POLYURETHANE RESIN	ADIPRENE L-100	305 #19
POLYURETHANE RESIN	ADIPRENE L-100	306
POLYURETHANE RESIN	ADIPRENE L-167	305 #19
POLYURETHANE RESIN	ADIPRENE L-315	305 #19
POLYURETHANE RESIN	ADIPRENE L-315	306
POLYURETHANE RESIN	ADIPRENE L-367	305 #19
POLYURETHANE RESIN	ADIPRENE L-42	305 #19
POLYURETHANE RESIN	ADIPRENE L-83	305 #19
POLYURETHANE RESIN	ADIPRENE L-83	306 BAY A
POLYURETHANE RESIN	ADIPRENE LD-213	305 #19
POLYURETHANE RESIN	ADIPRENE LW-520	306 BAY A

CATEGORY	DESCRIPTION	LOCATION
POLYURETHANE RESIN	ADIPRENE M-400	305 #19
POLYURETHANE RESIN	ADIPRENE M-415	305 #19
POLYURETHANE RESIN	ADIPRENE M-467	305 #19
POLYURETHANE RESIN	ADIPRENE M-467	305 BAY A
POLYURETHANE RESIN	AIRTHANE PET-75D	304
POLYURETHANE RESIN	BAYTEC 2790	305 #19
POLYURETHANE RESIN	BKC 7005,COMP. R	305
POLYURETHANE RESIN	CONATHANE RN-3039	305 #19
POLYURETHANE RESIN	HALTHANE PREPOLYMER 73	306
POLYURETHANE RESIN	HALTHANE PREPOLYMER 88	306
POLYURETHANE RESIN	ISONATE 143L	304 OFF.
POLYURETHANE RESIN	ISONATE 2143 L	305
POLYURETHANE RESIN	PAPI	305 #19
POLYURETHANE RESIN	PAPI 94 POLYMERIC MDI	304:OFFICE
POLYURETHANE RESIN	VIBRATHANE B-836	305 #19
POLYURETHANE RESIN	VIBRATHANE L-767	305 #19
POLYURETHANE SYSTEM	BKC 44037-20 COMP. T	305
POLYURETHANE SYSTEM	BKC 44306 COMP. R	305 #11
POLYURETHANE SYSTEM	BKC 44306 COMP. T	305 #13
POLYURETHANE SYSTEM	BKC 44306-10 COMP. T	305 #11
POLYURETHANE SYSTEM	BKC 44307-20 COMP. R	305
POLYURETHANE SYSTEM	BKC 44402-10 COMP R	306 BAY
POLYURETHANE SYSTEM	BKC 44402-10 COMP R	306
POLYURETHANE SYSTEM	BKC 44402-10 COMP T	306 BAY A
POLYURETHANE SYSTEM	BKC 44402-14 COMP R	305 #12
POLYURETHANE SYSTEM	BKC 44402-14 COMP T	305 #12
POLYURETHANE SYSTEM	BKC 44402-20 COMP T	305 #12
POLYURETHANE SYSTEM	BKC 44402-20 COMP R	306 BAY A
POLYURETHANE SYSTEM	BKC 44402-20 COMP R	306 BAY A
POLYURETHANE SYSTEM	BKC 44402-20 COMP R	305 #12
POLYURETHANE SYSTEM	BKC 44402-20 COMP T	306 BAY A
POLYURETHANE SYSTEM	BKC 44402-20 COMP T	306 BAY A
POLYURETHANE SYSTEM	BKC 45301 COMP. R	305 #13
POLYURETHANE SYSTEM	BKC 45301 COMP. T	305 #13

CATEGORY	DESCRIPTION	LOCATION
POLYURETHANE SYSTEM	BKC 45302 COMP. R	305 #13
POLYURETHANE SYSTEM	BKC 45302 COMP. T	305 #13
POLYURETHANE SYSTEM	BKC 7005-20D COMP. R	306 BAY A
POLYURETHANE SYSTEM	BKC 7005-20D COMP. T	306 BAY A
POLYURETHANE SYSTEM	BKC 7005-20D COMP. T	305 #10
POLYURETHANE SYSTEM	BKC 7005-20D COMP.R	305 #10
POLYURETHANE SYSTEM	CONATHANE TU-700 PART A	305 #19
POLYURETHANE SYSTEM	CONATHANE TU-700 PART B	305 #19
POLYURETHANE SYSTEM	CPR 1009-78 COMP. A	305 #12
POLYURETHANE SYSTEM	CPR 1009-78 COMP. B	305 #12
POLYURETHANE SYSTEM	CPR 1009-78 COMP. T	305 #12
POLYURETHANE SYSTEM	CPR 1009-78 COMP.R	305 #12
POLYURETHANE SYSTEM	CPR-X-2-141A COMP. C	305 #19
POLYURETHANE SYSTEM	CPR-X-2-141A COMP. C	305 #19
POLYURETHANE SYSTEM	CPR-X-2-141A COMP. R	305 #19
POLYURETHANE SYSTEM	CPR-X-2-141A COMP. T	305 #19
POLYURETHANE SYSTEM	ECCOFOAM CATALYST 12-2H	305 #19
POLYURETHANE SYSTEM	ECCOFOAM FPH	305 #19
POLYURETHANE SYSTEM	LIQUID PLASTIC,RP 6405	306
POLYURETHANE SYSTEM	LIQUID PLASTIC,TDT 186-1	306
POLYURETHANE SYSTEM	PR 1221 B-2	305
POLYURETHANE SYSTEM	PR 1422 B-2	305
POLYURETHANE SYSTEM	PR 1564 PART B	305 #22
POLYURETHANE SYSTEM	PR 420 PART A	305 #22
POLYURETHANE SYSTEM	PR 420 PART B	305 #22
POLYURETHANE SYSTEM	PR-1062	306 BAY A

CATEGORY	DESCRIPTION	LOCATION
POLYURETHANE SYSTEM	PR-1564 PART A	305 #22
POLYURETHANE SYSTEM	STAFOAM 4040 COMP T	306 BAY A
POLYURETHANE SYSTEM	STAFOAM 4040 COMP. R	306 BAY A
POLYURETHANE SYSTEM	STAFOAM 4040 COMP. R	306 BAY A
POLYURETHANE SYSTEM	STAFOAM 4040 COMP. T	306 BAY A
POLYURETHANE SYSTEM	STAFOAM 760 COMP. R	306 BAY A
POLYURETHANE SYSTEM	STAFOAM 760 COMP. T	306 BAY A
POLYURETHANE SYSTEM	STAFOAM 82014 COMP C	306 BAY A
POLYURETHANE SYSTEM	STAFOAM 82014 COMP R	306 BAY A
POLYURETHANE SYSTEM	STAFOAM 82014 COMP T	306 BAY A
POLYURETHANE SYSTEM	URETHANE ENCAPSULANT 7200	304 BAY C
POLYURETHANE SYSTEM	URETHANE ENCAPSULANT 7200	304 BAY C
ROVING AND TAPE	FIBERITE TAPE	304 ANNEX
ROVING AND TAPE	GLASS	305 WEST HALL
ROVING AND TAPE	KEVLAR 49	305 WEST HALL
ROVING AND TAPE	MAGNAMITE FIBER	305
ROVING AND TAPE	MAGNAMITE FIBER,XWS 370-5H	305
ROVING AND TAPE	MAGNAMITE GRAPHITE FIBER	304
ROVING AND TAPE	MAGNAMITE GRAPHITE FIBER	304
ROVING AND TAPE	MAGNAMITE GRAPHITE FIBER ROVIN	305 WEST WALL
ROVING AND TAPE	MAGNAMITE ROVING	305
ROVING AND TAPE	MAGNAMITE,CARBON FABRIC	305
ROVING AND TAPE	NYLON	305 WEST HALL
ROVING AND TAPE	NYLON	305 WEST HALL
ROVING AND TAPE	RAYON YARD	305 WEST HALL
ROVING AND TAPE	S GLASS	305 WEST HALL
ROVING AND TAPE	S2 GLASS	305 WEST HALL
ROVING AND TAPE	STAINLESS	305 WEST HALL
ROVING AND TAPE	TANTULUM	305 WEST HALL
ROVING AND TAPE	THORNEL CARBON FIBER	305 WEST HALL
ROVING AND TAPE	THORNEL CARBON FIBER	305 WEST HALL
ROVING AND TAPE	TUNGSTEN	305 WEST HALL
SILICONE	ACCELERATOR 3-6559	306 REF.3
SILICONE	ADHESIVE 281	REFRIG. 6
SILICONE	ADHESIVE 281	REFRIG. 3
SILICONE	ADHESIVE 281	REFRIG. 3
SILICONE	ADHESIVE 281 CATALYST	306 COR#1
SILICONE	ADHESIVE 281 CATALYST	306 COR#1
SILICONE	AMINOETHYL-3-AMINOPROPYLTRIMET	REFRIG. 3
SILICONE	C-M8500, 3-MERCAPTOPROPYL-	REFRIG. 3

CATEGORY	DESCRIPTION	LOCATION
SILICONE	C-V4800, VINYLTRIACETOXYSILANE	REFRIG. 3
SILICONE	CA 2 (TUFEL)	REFRIG. 6
SILICONE	CA 4 (TUFEL)	REFRIG. 6
SILICONE	CCF2-2601 PART A	REFRIG. 3
SILICONE	CCF2-2601 PART B	REFRIG. 3
SILICONE	CELLULAR SILICONE,BKC	304
SILICONE	CELLULAR SILICONE,BKC	304
SILICONE	CF-4711 DIMETHYL RESIN	REFRIG. 3
SILICONE	CF1-2360 BASE	REFRIG. 2
SILICONE	CF1-2360 CURING AGENT	REFRIG. 3
SILICONE	CF1-GELII PART A	REFRIG. 3
SILICONE	CF1-GELII PART B	REFRIG. 3
SILICONE	CF5-2188 PART A	306 REFRIG. 5
SILICONE	CF5-2188 PART A	306 REFRIG. 3
SILICONE	CF5-2188 PART B	306
SILICONE	CF5-2188 PART B	306
SILICONE	CF7-2615 PART A	306 REFRIG. 5
SILICONE	CF7-2615 PART B	306 REFRIG. 5
SILICONE	CV-2501 CURING AGENT	REFRIG. 3
SILICONE	CV-2501 SILICONE BASE	REFRIG. 3
SILICONE	D6210, 1,3-DIVINYLTETRAMETHYL	REFRIG. 3
SILICONE	DC 1107	305 #14
SILICONE	DC 1200 PRIME COAT	306 REFRIG. #3
SILICONE	DC 1200 PRIME COAT - RED	REFRIG.#3
SILICONE	DC 1201 PRIME COAT	306 COR #1
SILICONE	DC 1205 PRIME COAT	306 COR #1
SILICONE	DC 3-6559 CURE ACCELERATOR	REFRIG. 3
SILICONE	DC 3-6559 CURE ACCELERATOR	REFRIG. 3
SILICONE	DC 7 COMPOUND	304
SILICONE	DC 730 SOLVENT RESISTANT SEAL	REFRIG. 3
SILICONE	DC 732 MULTI-PURPOSE SEALANT	306 COR#2 L-#9
SILICONE	DC 732 MULTI-PURPOSE SEALANT	306 COR#2 L-#9
SILICONE	DC 734 FLOWABLE SEALANT	REFRIG. 3
SILICONE	DC 737	306 COR#2 L-#9
SILICONE	DC 93-104 ABLATIVE MATERIAL	REFRIG. 3
SILICONE	DC 93-104 CATALYST	REFRIG. 3
SILICONE	DC 93-500 KIT	REFRIG. 3
SILICONE	ELASTICON, DENTURE	REFRIG. 3
SILICONE	ELECTRONIC FLUID 200	306 COR #1
SILICONE	ELECTRONIC FLUID 200	306 COR #1
SILICONE	ELECTRONIC FLUID 200	306 COR #1
SILICONE	F CATALYST	REFRIG. 5 BAY C
SILICONE	F CATALYST	REFRIG. 3
SILICONE	FLUOROSILICONE SEALANT 94-011	REFRIG. 3
SILICONE	G6720, GLYCIDOXYPROPYL-	REFRIG. 3
SILICONE	GEL 8150 PART A	REFRIG. 1
SILICONE	GEL 8150 PART A	306 BAY C
SILICONE	GEL 8150 PART B	REFRIG. 1
SILICONE	GEL 8150 PART B	306 BAY C
SILICONE	N-VINYLBENZYL-N-2-	REFRIG. 3
SILICONE	PRIMER,CF1-135	306
SILICONE	PS120, POLYDIMETHYL SILOXANE	REFRIG. 6

CATEGORY	DESCRIPTION	LOCATION
SILICONE	PS122.5, POLYMETHYLHYDRO/	REFRIG. 3
SILICONE	PS122.5, POLYMETHYLHYDRO/	306 REF#3
SILICONE	PS193, POLYDIMETHYSILOXANE	REFRIG. 3
SILICONE	PS195, POLYDIMETHYSILOXANE	REFRIG. 3
SILICONE	PS198, POLYDIMETHYSILOXANE	REFRIG. 3
SILICONE	PS340, POLYDIMETHYLSILOXANE	306 REF#3
SILICONE	PS343.5, POLYDIMETHYLSILOXANE	REFRIG. 3
SILICONE	PS463, POLYDIMETHYLSILOXANE	REFRIG. 3
SILICONE	PS493, POLYDIMETHYLSILOXANE	REFRIG. 3
SILICONE	R-2170 PART A	REFRIG. 3
SILICONE	R-2170 PART B	REFRIG. 3
SILICONE	R-2350 PART A SILICONE FOAM	REFRIG. 3
SILICONE	R-2350 PART B SILICONE FOAM	REFRIG. 3
SILICONE	R-2370 FOAM BASE	REFRIG. 1
SILICONE	R-2370 FOAM CATALYST	REFRIG. 1
SILICONE	R-2380 CATALYST	REFRIG. 1
SILICONE	R-2380 FOAM BASE	REFRIG. 1
SILICONE	R-2511 PART A	REFRIG. 3
SILICONE	R-2511 PART B (CATALYST)	REFRIG. 3
SILICONE	R-2615 CURING AGENT	REFRIG. 3
SILICONE	R-2615 SILICONE BASE	REFRIG. 3
SILICONE	R-2615 SILICONE BASE	REFRIG. 3
SILICONE	R-2652 CURING AGENT	REFRIG. 6
SILICONE	R-2652 SILICONE BASE	REFRIG. 6
SILICONE	RTV 103	306 COR#2
SILICONE	RTV 12A	REFRIG. 3
SILICONE	RTV 12A	306
SILICONE	RTV 12B	306
SILICONE	RTV 12B	306
SILICONE	RTV 12C	306
SILICONE	RTV 162 SEALANT	306 COR#2 L-#7
SILICONE	RTV 3-6077 ABLATIVE	REFRIG. 3
SILICONE	RTV 3-6077 ABLATIVE CATALYST	REFRIG. 3
SILICONE	RTV 3110 CURING AGENT	REFRIG. 3
SILICONE	RTV 3110 RUBBER	306 BAY C
SILICONE	RTV 3110 RUBBER	REFRIG. 3
SILICONE	RTV 3140 COATING	306 COR#2 L-#7
SILICONE	RTV 3145 AD/SEAL	306 COR#2 L-#7
SILICONE	RTV 6157 A GEL	306 BAY C
SILICONE	RTV 6157 A GEL	REFRIG. 1
SILICONE	RTV 6157 B CURING AGENT	306 BAY C
SILICONE	RTV 6157 B CURING AGENT	REFRIG. 1
SILICONE	RTV 630A	306 BAY C
SILICONE	RTV 630A	REFRIG. 1
SILICONE	RTV 630B	306 BAY C
SILICONE	RTV 630B	REFRIG. 1
SILICONE	RTV 664A	REFRIG. 3
SILICONE	RTV 664B	REFRIG. 3
SILICONE	RTV 96-081 AD/SEAL	REFRIG. 2
SILICONE	RTV CATALYST F	REFRIG. 3
SILICONE	RTV CATALYST S	REFRIG. 5 BAY C
SILICONE	RTV CATALYST S	REFRIG. 3

CATEGORY	DESCRIPTION	LOCATION
SILICONE	RTV CATALYST S	REFRIG. 3
SILICONE	RTV RUBBER 3120	REFRIG. 3
SILICONE	SE 845 (TUFEL)	REFRIG. 2
SILICONE	SE 851 (TUFEL)	REFRIG. 6
SILICONE	SEALANT 90-006-1/8	REFRIG. 3
SILICONE	SILANE A-186	305 #14
SILICONE	SILANE A-187	305 #14
SILICONE	SILASIC J RUBBER	306
SILICONE	SILASTC J RUBBER BASE	306 BAY C
SILICONE	SILASTIC 386	REFRIG. 3
SILICONE	SILASTIC 386	REFRIG. 3
SILICONE	SILASTIC 386 CATALYST	REFRIG. 3
SILICONE	SILASTIC 4671 RUBBER - PART A	REFRIG. 6
SILICONE	SILASTIC 4671 RUBBER - PART C	REFRIG. 6
SILICONE	SILASTIC 734	306 COR#2 L-#9
SILICONE	SILASTIC 745U RUBBER	REFRIG. 6
SILICONE	SILASTIC 747U RUBBER	REFRIG. 6
SILICONE	SILASTIC E CURING AGENT	306 BAY C
SILICONE	SILASTIC E CURING AGENT	REFRIG. 3
SILICONE	SILASTIC E RUBBER BASE	306 BAY C
SILICONE	SILASTIC E RUBBER BASE	REFRIG. 3
SILICONE	SILASTIC J CURING AGENT	306 BAY C
SILICONE	SILASTIC J CURING AGENT	REFRIG. 3
SILICONE	SILASTIC J RUBBER BASE	REFRIG. 3
SILICONE	SILASTIC J RUBBER BASE	306, REF.# 3
SILICONE	SILASTIC LT-40 RUBBER	REFRIG. 6
SILICONE	SILASTIC S-5370 CATALYST	REFRIG. 3
SILICONE	SILASTIC S-5370 RTV FOAM	306,BAY C
SILICONE	SILASTIC S-5370 RTV FOAM	306,REFRIG.#3
SILICONE	SILASTIC TM-1-MODIF RUBBER	REFRIG. 6
SILICONE	SP-133 SILICONE PRIMER	306 REF 3
SILICONE	SYLGARD 170 PART A	306 BAYC
SILICONE	SYLGARD 170 PART A	306 BAY C
SILICONE	SYLGARD 170 PART B	306
SILICONE	SYLGARD 170 PART B	306
SILICONE	SYLGARD 182 CURING AGENT	306
SILICONE	SYLGARD 182 ELASTOMER	306
SILICONE	SYLGARD 184 CURING AGENT	REFRIG. 1
SILICONE	SYLGARD 184 CURING AGENT	306 REF 1
SILICONE	SYLGARD 184 CURING AGENT	306 BAY C
SILICONE	SYLGARD 184 ELASTOMER	REFRIG. 1
SILICONE	SYLGARD 184 ELASTOMER	REFRIG. 1
SILICONE	SYLGARD 184 ELASTOMER	306 REF 1
SILICONE	SYLGARD 184 ELASTOMER	306 BAY C
SILICONE	SYLGARD 186 CURING AGENT	306 BAY C
SILICONE	SYLGARD 186 CURING AGENT	REFRIG. 1
SILICONE	SYLGARD 186 ELASTOMER	306 BAY C
SILICONE	SYLGARD 186 ELASTOMER	REFRIG. 1
SILICONE	SYLGARD 186 W/CAB-O-SIL	REFRIG. 5
SILICONE	SYLGARD 527 DIELECTRIC GEL	306 BAY C
SILICONE	SYLGARD 527 DIELECTRIC GEL	306 BAY C
SILICONE	SYLGARD 527 PART A	REFRIG. 3

CATEGORY	DESCRIPTION	LOCATION
SILICONE	SYLGARD 527 PART B	REFRIG. 3
SILICONE	T2030, TETRAMETHYLDISILOXANE	REFRIG. 3
SILICONE	T2090, TETRAPROPOXYSILANE	REFRIG. 6
SILICONE	X3-7122 CURING AGENT	306
SILICONE	X3-7122 FOAM BASE	306
SILICONE	X3-7123 CURING AGENT	306
SILICONE	X3-7123 FOAM BASE	306
SILICONE	Z-6032 SILANE	305 #14
SURFACTANT	AIR OUT	306 BAY A
SURFACTANT	DC 193	305 #14
SURFACTANT	DC 193	306 BAY A
SURFACTANT	DC 197	306 BAY A
SURFACTANT	DC 197	306 BAY A
SURFACTANT	FC-170C FLUORAD FLUOROCHEMICAL	305 #14
SURFACTANT	FC-430 FLUORAD FLUOROCHEMICAL	305 #14
THERMOPLASTIC		
THERMOPLASTIC	A-C POLYETHYLENE	304 ANNEX
THERMOPLASTIC	ABS	304 ANNEX
THERMOPLASTIC	ABS SHEET SHOCK .275"	305
THERMOPLASTIC	ABS SHEET STOCK .065"	305
THERMOPLASTIC	ABS SHEET STOCK .125"	305
THERMOPLASTIC	ABS SHEET STOCK .25"	305
THERMOPLASTIC	ALATHON 10	304 ANNEX
THERMOPLASTIC	ALATHON 34	304 ANNEX
THERMOPLASTIC	ALATHON 7040	304 ANNEX
THERMOPLASTIC	BE SQUARE AMBER WAX	306 .
THERMOPLASTIC	CARBON LOADED PEEK	304 ANNEX
THERMOPLASTIC	CARBON LOADED PEEK ROD,4"X1"	305
THERMOPLASTIC	CARBON LOADED RODS,20 PERCENT	305
THERMOPLASTIC	CELLULOSE ACETATE	305
THERMOPLASTIC	CELLULOSE ACETATE FILM	304 COR#1
THERMOPLASTIC	CELLULOSE ACETATE FILM	304 COR#1
THERMOPLASTIC	CELLULOSE ACETATE FILM	304 COR#1
THERMOPLASTIC	CELLULOSE ACETATE FILM	304 COR#1
THERMOPLASTIC	CORVEL FUSION BOND	305 #12
THERMOPLASTIC	CTFE	304 ANNEX
THERMOPLASTIC	CYCOLAC 4500,ABS PLASTIC	304
THERMOPLASTIC	CYCOLAC ABS	304 ANNEX
THERMOPLASTIC	DAP PREPOLYMER	304 ANNEX
THERMOPLASTIC	DAP, ORLON FILLED	304 ANNEX
THERMOPLASTIC	DELRIN 100	304 ANNEX
THERMOPLASTIC	DELRIN 500	304 ANNEX
THERMOPLASTIC	DYLITE PS EXPANDABLE BEADS	304 ANNEX
THERMOPLASTIC	DYLITE PS EXPANDABLE BEADS	304 ANNEX
THERMOPLASTIC	EPOLENE WAX:C10 AND C13	306
THERMOPLASTIC	ESTANE	REFRIG. 6
THERMOPLASTIC	ESTANE,LOT 5045ER,5740 X 2	306 CORR.
THERMOPLASTIC	ESTANE,LOT 5056,5740 X 2	306 CORR.
THERMOPLASTIC	ETHYLENE HOMOPOLYMER	304 ANNEX
THERMOPLASTIC	FEP FILM	304 COR#1
THERMOPLASTIC	FIBERITE TAPE	305
THERMOPLASTIC	FLUOROCOMP FILLED PTFE	304 ANNEX

CATEGORY	DESCRIPTION		LOCATION
THERMOPLASTIC	GLASS LOADED PEEK	304	ANNEX
THERMOPLASTIC	GLASS LOADED PEEK	304	ANNEX
THERMOPLASTIC	HALAR 5004 ECTFE RESIN	304	ANNEX
THERMOPLASTIC	KRAYTON	304	ANNEX
THERMOPLASTIC	KYDEX SHEET STOCK 0.065"	305	
THERMOPLASTIC	KYDEX SHEET STOCK 0.085"	305	
THERMOPLASTIC	KYDEX SHEET STOCK 0.085"	305	
THERMOPLASTIC	KYDEX SHEET STOCK 0.085"	305	
THERMOPLASTIC	KYDEX SHEET STOCK 0.20	305	
THERMOPLASTIC	KYDEX SHEET STOCK 0.20"	305	
THERMOPLASTIC	LEXAN 0.003" THICK	304	COR#1
THERMOPLASTIC	LEXAN 1/8" THICK	304	COR#1
THERMOPLASTIC	LEXAN POLYCARB 141 AMBER	304	ANNEX
THERMOPLASTIC	LEXAN POLYCARBONATE	304	ANNEX
THERMOPLASTIC	LEXAN POLYCARBONATE OTHER	304	ANNEX
THERMOPLASTIC	LEXAN SHEET STOCK 0.125"	305	
THERMOPLASTIC	LEXAN SHEET STOCK 0.380"	305	
THERMOPLASTIC	LUCITE 130	304	ANNEX
THERMOPLASTIC	LUCITE ACRYLIC RESIN	304	ANNEX
THERMOPLASTIC	LUCITE POLYPROPYLENE MOLDING	304	ANNEX
THERMOPLASTIC	MAKROFOL FILM	304	COR#1
THERMOPLASTIC	MERLON	304	ANNEX
THERMOPLASTIC	MICROTHENE	304	ANNEX
THERMOPLASTIC	MICROTHENE POLYETHYLENE POWDER	305	#12
THERMOPLASTIC	MYLAR	304	COR#1
THERMOPLASTIC	MYLAR SHEET 0.0075" THICK	304	COR#1
THERMOPLASTIC	MYLAR SHEET STOCK	305	
THERMOPLASTIC	MYLAR SHEET STOCK 0.0015"	305	
THERMOPLASTIC	MYLAR SHEET STOCK 0.002"	305	
THERMOPLASTIC	MYLAR SHEET STOCK 0.005"	305	
THERMOPLASTIC	MYLAR SHEET STOCK 0.0075"	305	
THERMOPLASTIC	MYLAR SHEET STOCK 0.010"	305	
THERMOPLASTIC	NYLON FILM	304	COR#1
THERMOPLASTIC	NYLON SHEET STOCK .050"	305	
THERMOPLASTIC	NYLON SHEET STOCK .065"	305	
THERMOPLASTIC	NYLON SHEET STOCK .075"	305	
THERMOPLASTIC	NYLON SHEET STOCK .100"	305	
THERMOPLASTIC	NYLON SHEET STOCK .125"	305	
THERMOPLASTIC	NYLON SHEET STOCK 0.25"	305	
THERMOPLASTIC	PACKAGING COMPOSITE FILM	304	COR#1
THERMOPLASTIC	PEEK	305	
THERMOPLASTIC	PEEK POWDER	304	ANNEX
THERMOPLASTIC	PEEK ROD STOCK	305	
THERMOPLASTIC	PEEK, 30% CARBON LOADED CYL.	305	
THERMOPLASTIC	PEEK,PELLETS,GRADE 151G	305	
THERMOPLASTIC	PEEK,PELLETS,GRADE 450G	304	
THERMOPLASTIC	PEEK,VIRGIN,4"DIA.X3"HIGH RODS	305	
THERMOPLASTIC	PEEK/CARBON CYLINDERS,4"DX3"H	305	
THERMOPLASTIC	PELLETHANE	304	
THERMOPLASTIC	PELLETHANE URETHANE RESIN	304	ANNEX
THERMOPLASTIC	PELLETHANE URETHANE RESIN	304	ANNEX
THERMOPLASTIC	PETROLITE CA-11 WAX	306	

CATEGORY	DESCRIPTION	LOCATION
THERMOPLASTIC	PETROTHENE NA-344-00	304 ANNEX
THERMOPLASTIC	PHENOXY (BAKELITE)	304 ANNEX
THERMOPLASTIC	PHENOXY FILM	304 COR#1
THERMOPLASTIC	PHENOXY FILM	304 COR#1
THERMOPLASTIC	PHENOXY FILM	304 COR#1
THERMOPLASTIC	PHENOXY FILM	304 COR#1
THERMOPLASTIC	POLYCARBONATE 1/2 ANNULUS	305
THERMOPLASTIC	POLYCARBONATE FILM	304 COR#1
THERMOPLASTIC	POLYCARBONATE FILM	304 COR#1
THERMOPLASTIC	POLYCARBONATE FILM	304 COR#1
THERMOPLASTIC	POLYCARBONATE ROD 10"DIA.	305
THERMOPLASTIC	POLYCARBONATE ROD STOCK	305
THERMOPLASTIC	POLYCARBONATE ROD STOCK	305
THERMOPLASTIC	POLYCARBONATE ROD STOCK	305
THERMOPLASTIC	POLYCARBONATE ROD STOCK	305
THERMOPLASTIC	POLYCARBONATE ROD STOCK	305
THERMOPLASTIC	POLYCARBONATE ROD STOCK	305
THERMOPLASTIC	POLYCARBONATE ROD STOCK	305
THERMOPLASTIC	POLYCARBONATE ROD STOCK	305
THERMOPLASTIC	POLYCARBONATE ROD STOCK	
THERMOPLASTIC	POLYCARBONATE ROD STOCK	305
THERMOPLASTIC	POLYCARBONATE ROD STOCK	305
THERMOPLASTIC	POLYCARBONATE ROD STOCK	305
THERMOPLASTIC	POLYCARBONATE ROD STOCK	305
THERMOPLASTIC	POLYCARBONATE ROD STOCK	305
THERMOPLASTIC	POLYCARBONATE ROD STOCK	305
THERMOPLASTIC	POLYCARBONATE ROD STOCK	305
THERMOPLASTIC	POLYCARBONATE SHEET 0.005"THK	304 COR#1
THERMOPLASTIC	POLYCARBONATE SHT STK 0.010"	305
THERMOPLASTIC	POLYETHYLENE SHEET SOTCK .065"	305
THERMOPLASTIC	POLYETHYLENE SHEET STOCK .015"	306 BATT.
THERMOPLASTIC	POLYETHYLENE SHEET STOCK .030"	305
THERMOPLASTIC	POLYETHYLENE SHEET STOCK .065"	305
THERMOPLASTIC	POLYETHYLENE SHEET STOCK .065"	305
THERMOPLASTIC	POLYETHYLENE SHEET STOCK .25"	305
THERMOPLASTIC	POLYETHYLENE SHEET STOCK 1"	305
THERMOPLASTIC	POLYETHYLENE TYPE 510	304 ANNEX
THERMOPLASTIC	POLYETHYLENE TYPE 959	304 ANNEX
THERMOPLASTIC	POLYETHYLENE TYPE 993	304 ANNEX
THERMOPLASTIC	POLYETHYLENE, HIGH DENSITY	304 ANNEX
THERMOPLASTIC	POLYPHENYLENE OXIDE	304 ANNEX
THERMOPLASTIC	POLYPROPYLENE OXIDE FILM	304 COR#1
THERMOPLASTIC	POLYPROPYLENE SHEET STK .040"	305
THERMOPLASTIC	POLYSTYRENE - CLEAR	304 ANNEX
THERMOPLASTIC	POLYSTYRENE - RED	304 ANNEX
THERMOPLASTIC	POLYSTYRENE 1 MOLDING CYLINDER	304 ANNEX
THERMOPLASTIC	POLYSTYRENE 2 MOLDING CYLINDER	304 ANNEX
THERMOPLASTIC	POLYSTYRENE WHITE	304 ANNEX
THERMOPLASTIC	POLYSULFONE	304 ANNEX
THERMOPLASTIC	POLYSULFONE (BAKELITE)	304 ANNEX
THERMOPLASTIC	POLYSULFONE FILM	304 COR#1
THERMOPLASTIC	POLYSULFONE ROD STOCK	305

CATEGORY	DESCRIPTION		LOCATION
THERMOPLASTIC	POLYSULFONE ROD STOCK	305	
THERMOPLASTIC	POLYSULFONE ROD STOCK	305	
THERMOPLASTIC	POLYSULFONE ROD STOCK	305	
THERMOPLASTIC	POLYSULFONE ROD STOCK	305	
THERMOPLASTIC	POLYSULFONE ROD STOCK	305	
THERMOPLASTIC	POLYSULFONE ROD STOCK	305	
THERMOPLASTIC	POLYSULFONE SHEET	305	
THERMOPLASTIC	POLYSULFONE SHEET STOCK 0.010"	305	
THERMOPLASTIC	POLYWAX 500	306	
THERMOPLASTIC	POLYWAX 500	306	
THERMOPLASTIC	POLYWAX 655	306	
THERMOPLASTIC	POLYWAX 850	306	
THERMOPLASTIC	ROD STOCK 6.750"DIA.	305	
THERMOPLASTIC	RYTON POLYPHENYLENE SULFIDE	304	ANNEX
THERMOPLASTIC	TEFLON 1	304	ANNEX
THERMOPLASTIC	TEFLON 5	304	ANNEX
THERMOPLASTIC	TEFLON 7X	304	ANNEX
THERMOPLASTIC	TEFLON CYL.,8.5"H X 48.5"OD	305	
THERMOPLASTIC	TEFLON FIBER	304	ANNEX
THERMOPLASTIC	TENITE 4231 POLYPROPYLENE	304	ANNEX
THERMOPLASTIC	TENITE 5B21 POLYALLOMER	304	ANNEX
THERMOPLASTIC	TENITE POLYPROPYLENE	304	ANNEX
THERMOPLASTIC	TEXIN URETHANE	304	ANNEX
THERMOPLASTIC	TFE	304	ANNEX
THERMOPLASTIC	TORLON AMIDE-IMIDE	304	ANNEX
THERMOPLASTIC	TPX	304	ANNEX
THERMOPLASTIC	TPX	304	ANNEX
THERMOPLASTIC	TPX PLATE	305	
THERMOPLASTIC	TPX POWDER	304	COR#1
THERMOPLASTIC	TPX ROD STOCK	305	
THERMOPLASTIC	TPX ROD STOCK	305	
THERMOPLASTIC	TYPE 213 SHEILDING	305	
THERMOPLASTIC	ULTEM	304	ANNEX
THERMOPLASTIC	VECTRA	304	ANNEX
THERMOPLASTIC	VITEL PE-100	304	ANNEX
THERMOPLASTIC	VITEL PE-201	304	ANNEX
THERMOPLASTIC	VITEL PE-210	304	ANNEX
THERMOPLASTIC	VOLARA FOAM SHEET STOCK 0.120"	305	
THERMOPLASTIC	ZYTEL NYLON	304	ANNEX

PART OR CONTROL NUMBER	REVISIONS		
	ISS	CLASS REVIEW	DESCRIPTION
N/A	A	J.H.	DRAWN BY - ABERCROMBIE CHECKER - HYDE 7-10-91 ENGINEER - PALMER APPROVED - BARR

BUILDING WAS DYE TESTED ON SEPT. 11, 1990.

TA-16-300
INDEX SHEET

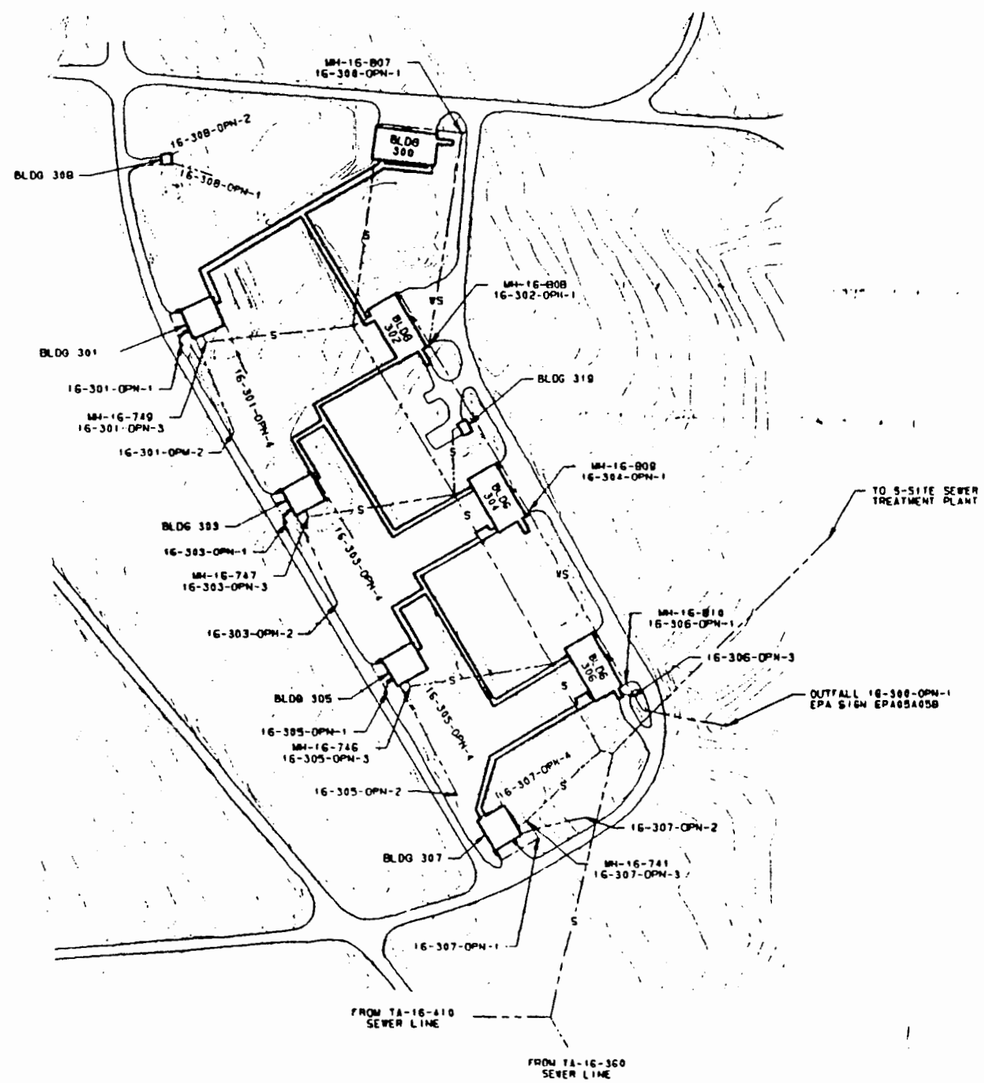
13Y-192092 SHT 1----SITE DRAINAGE PLAN 300-308 AND 319
13Y-192092 SHT 2----FIRST FLOOR PLUMBING DRAIN PLAN
13Y-192092 SHT 3----BASEMENT PLUMBING DRAIN PLAN
13Y-192092 SHT 4----ROOF PLAN
13Y-192092 SHT 5----POTENTIAL EFFULENT
13Y-192092 SHT 6----ELECTRICAL HAZARD ZONES FIRST FLOOR
13Y-192092 SHT 7----ELECTRICAL HAZARD ZONES BASEMENT
13Y-192092 SHT 8----FIRST FLOOR EVAC PLAN
13Y-192092 SHT 9----BASEMENT EVAC PLAN

ENGLISH (FT/IN)
THIRD ANGLE PROJECTION

PART CODE: LOS ALAMOS NATIONAL LABORATORY
SHEET 0 ISSUE A
TITLE: (U) TITLE CLASSIFICATION
TA-16-300 INDEX SHEET
PART CLASSIFICATION: UNCLASSIFIED
DRAWING CLASSIFICATION: UNCLASSIFIED
SIZE D DRAWING NUMBER 13Y-192092
09-11-91 12:06 FSCM 88516 SCALE 1/1 SHEET 0 OF -
STATUS ORIGIN LA-ICEMPLUS-V2.03

4 UNCLASSIFIED | 3 UNCLASSIFIED | 2 UNCLASSIFIED | 1 UNCLASSIFIED

PART OR CONTROL NUMBER	REVISIONS		
	ISS	CLASS REVIEW	DESCRIPTION
N/A	A	LS	DRAWN BY - ABERCROMBIE 6-21-91 CHECKER - HYDE 7-10-91 ENGINEER - PALMER APPROVED -



LEGEND

MH----MANHOLE
OPN---OUTFALL PIPE NUMBER
SANITARY WASTE LINE ----- S -----
WASTE STREAM LINE ----- WS -----

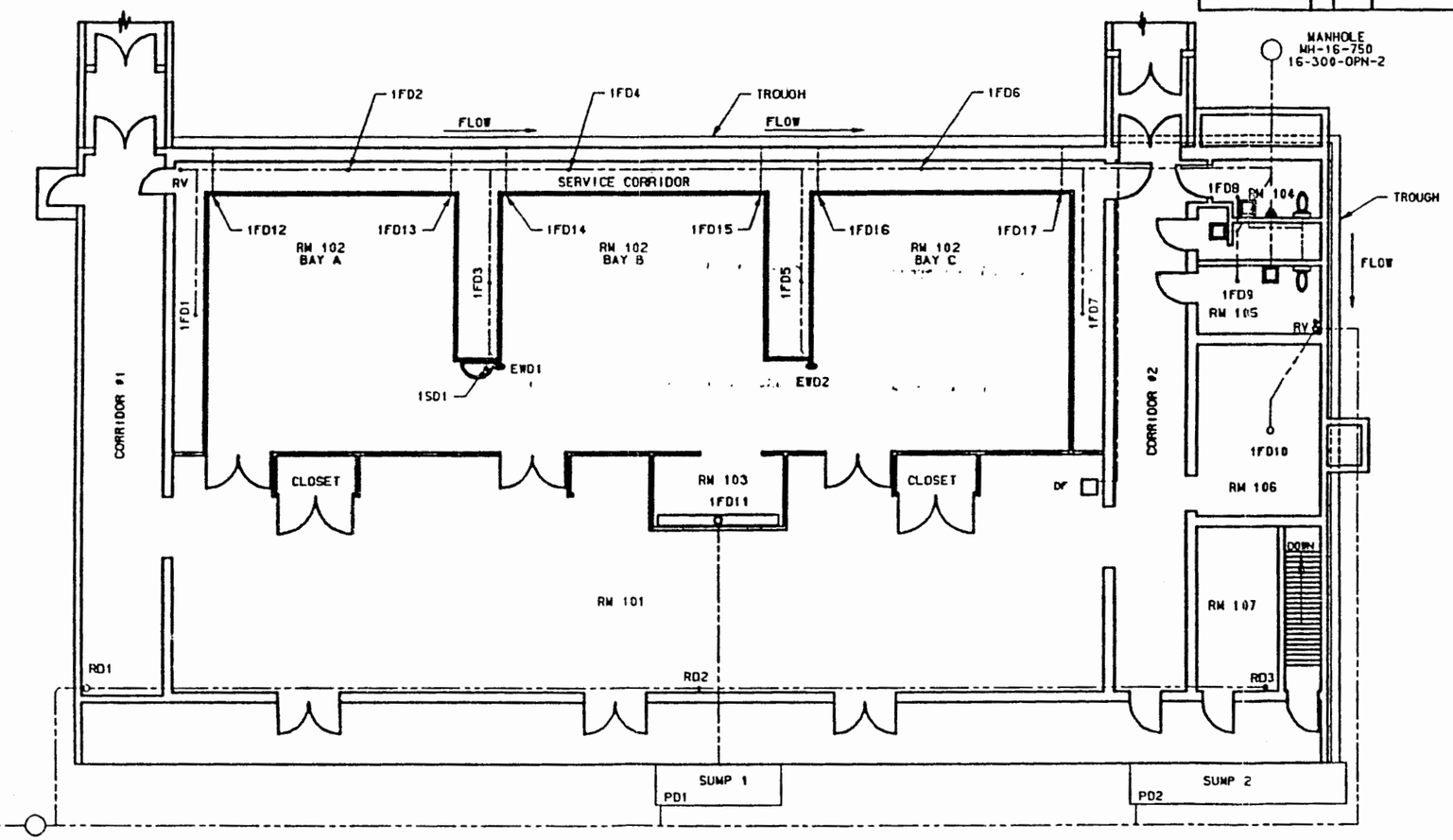
NOTE

1. BUILDING 16-300 HAS AN OUTFALL 16-300-OPN-2 WHICH IS THE SANITARY WASTE LINE AND BEGINS AT MH-16-750.
2. BUILDING 16-302 HAS AN OUTFALL 16-302-OPN-2 WHICH IS THE SANITATY WASTE LINE AND BEGINS AT MH-16-748.
3. BUILDING 16-304 HAS AN OUTFALL 16-304-OPN-2 WHICH IS THE SANITARY WASTE LINE AND BEGINS AT MH-16-745.
4. BUILDING 16-306 HAS AN OUTFALL 16-306-OPN-2 WHICH IS THE SANITARY WASTE LINE AND BEGINS AT MH-16-742.

ENGLISH (FT/IN)	PART CODE: LOS ALAMOS NATIONAL LABORATORY	
	SHEET 1 / ISSUE A	TITLE (UNC) TITLE CLASSIFICATION: BUILDING 300-308 AND 319 SITE PLAN
	PART CLASSIFICATION: UNCLASSIFIED	
	DRAWING CLASSIFICATION: UNCLASSIFIED	SIZE D / DRAWING NUMBER 13Y-192092
THIRD ANGLE PROJECTION	08-19-91 10:34	FSCM 88516 / SCALE / SHEET 1 OF -
	STATUS	ORIGIN LA-ICEMPLUS-V2.03

4 UNCLASSIFIED | 3 UNCLASSIFIED | 2 UNCLASSIFIED | 1 UNCLASSIFIED

PART OR CONTROL NUMBER	ISS	CLASS REVIEW	REVISIONS DESCRIPTION
N/A	A	LS	DRAWN BY - ABERCROMBIE 6-19-91 CHECKER - HYDE 7-10-91 ENGINEER - PALMER APPROVED -



FIRST FLOOR PLAN

SCALE: 3/16" = 1'-0"

LEGEND

1FD# ------FLOOR DRAIN
PD# -------SUMP DRAIN
RV -------ROOF VENT
1SD# ------SINK DRAIN
RD# -------RAIN DRAIN
DF --------DRINKING FOUNTAIN
EWD# ------EYE WASH DRAIN
OPN-------OUTFALL PIPE NUMBER

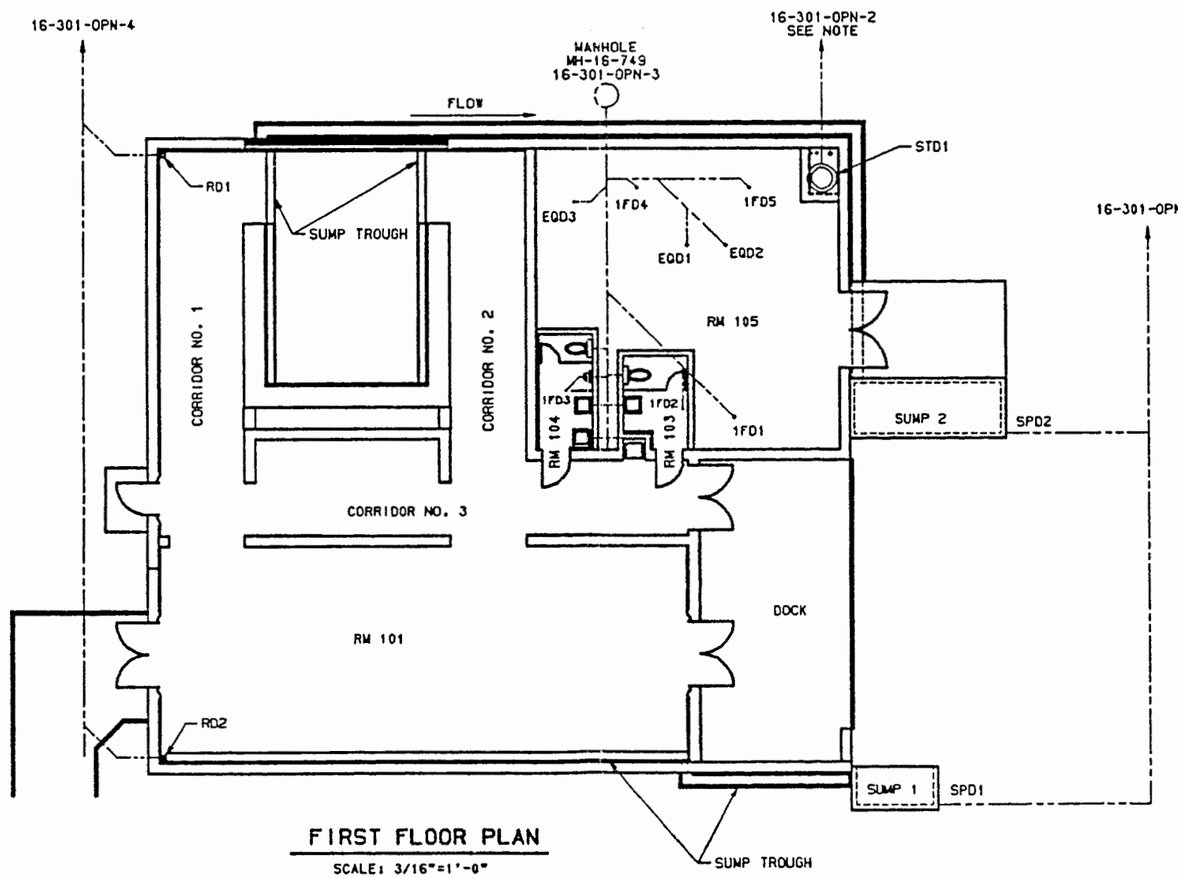
ENGLISH (FT/IN)

THIRD ANGLE PROJECTION

PART CODE	LOS ALAMOS NATIONAL LABORATORY
SHEET 2 / ISSUE A	TITLE (UNC) TITLE CLASSIFICATION: FIRST FLOOR PLUMBING AND DRAIN PLAN TA-16-300
PART CLASSIFICATION	UNCLASSIFIED
DRAWING CLASSIFICATION	UNCLASSIFIED
SIZE D	DRAWING NUMBER 13Y-192092
09-11-91 12:18	FSCM 88516 SCALE SHEET 2 OF -
STATUS	ORIGIN LA-ICEMPLUS-V2.03

4 UNCLASSIFIED | 3 UNCLASSIFIED | 2 UNCLASSIFIED | 1 UNCLASSIFIED

PART OR CONTROL NUMBER	REVISIONS		
	ISS	CLASS REVIEW	DESCRIPTION
N/A	A	J.H.	DRAWN BY - ABERCROMBIE 6-27-91 CHECKER - HYDE 7-10-91 ENGINEER - PALMER APPROVED -



FIRST FLOOR PLAN

SCALE: 3/16"=1'-0"

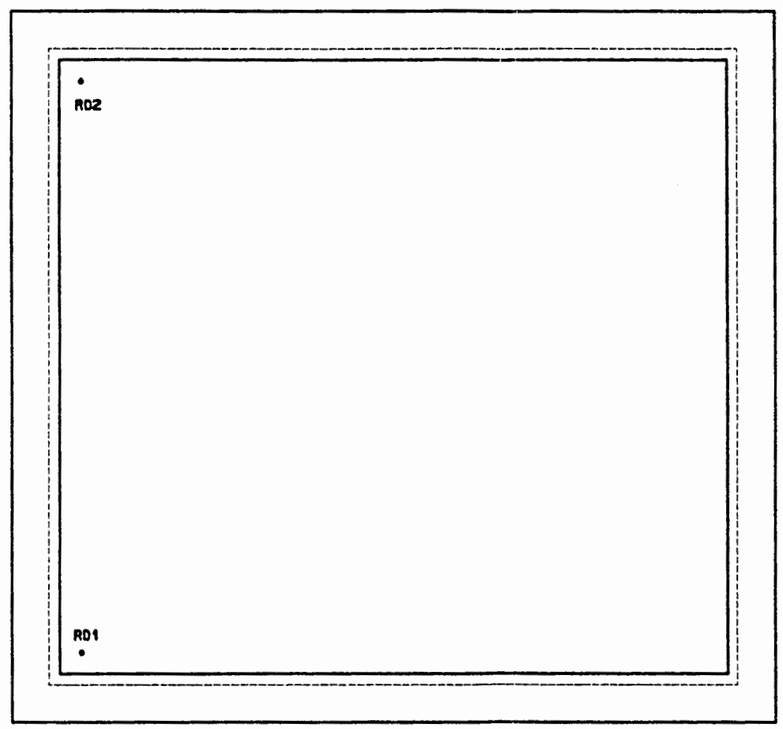
NOTE: THE STEAM PIT DRAIN COULD NOT BE VERIFIED.
THE OUTFALL LOCATION IS BURIED WITH EARTH.

LEGEND
1FD#------FLOOR DRAIN
SPD#------SUMP DRAIN
STD1------STEAM DRAIN
RD--------RAIN DRAIN
OPN-------OUTFALL PIPE NUMBER

PART CODE	LOS ALAMOS NATIONAL LABORATORY	
SHEET 2 / ISSUE A	TITLE (UNC) TITLE CLASSIFICATION FIRST FLOOR PLUMBING AND DRAIN PLAN TA-16-301	
PART CLASSIFICATION UNCLASSIFIED		
ENGLISH (FT/IN)	DRAWING CLASSIFICATION UNCLASSIFIED	SIZE D / DRAWING NUMBER 13Y-192093
THIRD ANGLE PROJECTION	89-05-01 09:33	FSCM 88516 SCALE SHEET 2 OF -
STATUS	ORIGIN LA-ICEMPLUS-V2.03	

4 UNCLASSIFIED | 3 UNCLASSIFIED | 2 UNCLASSIFIED | 1 UNCLASSIFIED

PART OR CONTROL NUMBER	REVISIONS		
	ISS	CLASS REVIEW	DESCRIPTION
N/A	A	J.H.	DRAWN BY - ABERCROMBIE 6-28-91 CHECKER - HYDE 7-10-91 ENGINEER - PALMER APPROVED -



ROOF DRAIN PLAN

SCALE: 3/16"=1'-0"

LEGEND

RD-----RAIN DRAIN

PART CODE	LOS ALAMOS NATIONAL LABORATORY	
SHEET 3 / ISSUE A	TITLE (UNC) TITLE CLASSIFICATION ROOF DRAIN PLAN TA-16-301	
PART CLASSIFICATION UNCLASSIFIED		
ENGLISH (FT/IN)	DRAWING CLASSIFICATION UNCLASSIFIED	SIZE D / DRAWING NUMBER 13Y-192093
THIRD ANGLE PROJECTION	09-05-91 10:09 / FSCM 88516 / SCALE / SHEET 3 OF -	
	STATUS / ORIGIN LA-ICEMPLUS-V2.03	

UNCLASSIFIED 4 3 2 1 UNCLASSIFIED

PART OR CONTROL NUMBER	REVISIONS		
	ISS	CLASS REVIEW	DESCRIPTION
N/A	A	LS	DRAWN BY - ABERCROMBIE 6-27-91 CHECKER - HYDE 7-10-91 ENGINEER - PALMER APPROVED -

BLDG OUTFALL NO	BLDG ROOM NO	DRAIN NO	POTENTIAL EFFLUENT
16-301-OPN-1	SUMP1	SPD1	ECH, He, H2O-I, H2O-T, H2O-W, OIL-H, FREON, CONDENSATE
16-301-OPN-1	SUMP2	SPD2	ECH, He, H2O-I, H2O-T, H2O-W
16-301-OPN-2	105	STD1	H2O-I, H2O-W
16-301-OPN-4	ROOF	RD1	H2O-R
16-301-OPN-4	ROOF	RD2	H2O-R
16-301-OPN-3	103	1FD2	H2O-I, DETERGENT
16-301-OPN-3	104	1FD3	H2O-I, DETERGENT
16-301-OPN-3	105	1FD1	FE3, FREON, CHEM-C, H2O-I, H2O-W
16-301-OPN-3	105	EQD3	NOT IN USE
16-301-OPN-3	105	1FD4	PTW1, H2O-T, OIL; HXS1, H2O-I, H2O-T, H2O-W, CONDENSATE
16-301-OPN-3	105	EQD1	NOT IN USE
16-301-OPN-3	105	EQD2	NOT IN USE
16-301-OPN-3	105	1FD5	PC-1, OIL, H2O-T, CONDENSATE; PC-2, OIL, H2O-T, CONDENSATE

PART CODE: LOS ALAMOS NATIONAL LABORATORY
SHEET 4
ISSUE A
PART CLASSIFICATION: UNCLASSIFIED
TITLE: (UNC) TITLE CLASSIFICATION
DRAIN SCHEDULE
TA-16-301
ENGLISH (FT/IN)
DRAWING CLASSIFICATION: UNCLASSIFIED
SIZE: C
DRAWING NUMBER: 13Y-192093
THIRD ANGLE PROJECTION
09-05-91 10:03
FSCM 88516 SCALE 1/1 SHEET 4 OF -
STATUS
ORIGIN LA-ICEMPLUS-V2.03

UNCLASSIFIED 4 3 2 1 UNCLASSIFIED

4 UNCLASSIFIED | 3 UNCLASSIFIED | 2 UNCLASSIFIED | 1 UNCLASSIFIED

BUILDING WAS DYE TESTED ON 9-12-90

PART OR CONTROL NUMBER	REVISIONS		
	ISS	CLASS REVIEW	DESCRIPTION
N/A	A	J.H.	DRAWN BY - ABERCROMBIE CHECKER - HYDE 7-10-91 ENGINEER - PALMER APPROVED -

TA-16-302
INDEX SHEET

13Y-192092 SHT 1----SITE DRAINAGE PLAN 300-308 AND 319
13Y-192094 SHT 2----FIRST FLOOR PLUMBING DRAIN PLAN
13Y-192094 SHT 3----BASEMENT PLUMBING DRAIN PLAN
13Y-192094 SHT 4----ROOF PLAN
13Y-192094 SHT 5----POTENTIAL EFFULENT
13Y-192094 SHT 6----FIRST FLOOR ELECTRICAL HAZARD
13Y-192094 SHT 7----BASEMENT ELECTRICAL HAZARD
13Y-192094 SHT 8----FIRST FLOOR EVAC PLAN
13Y-192094 SHT 9----BASEMENT EVAC PLAN

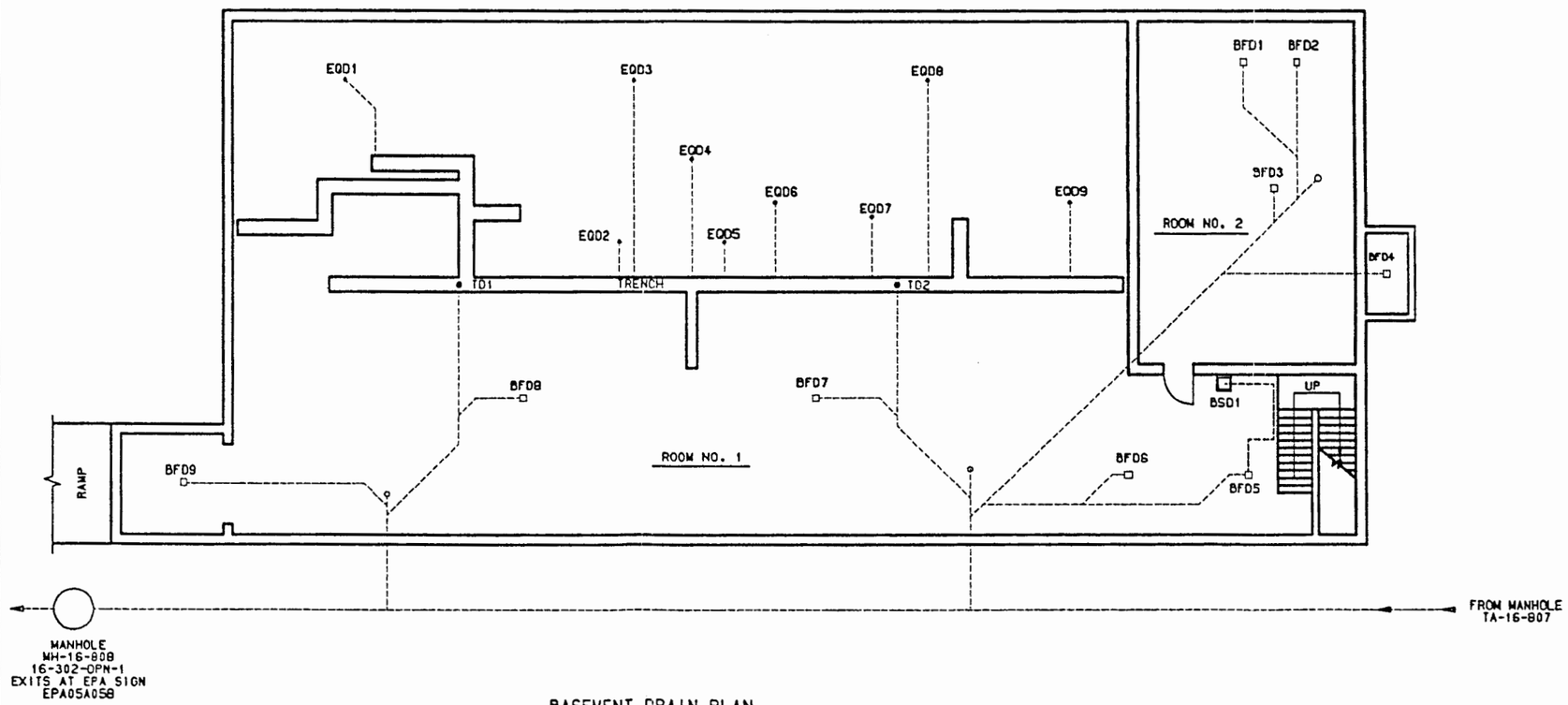
ENGLISH (FT/IN)

THIRD ANGLE PROJECTION

PART CODE	LOS ALAMOS NATIONAL LABORATORY
SHEET 0 / ISSUE A	TITLE (U) TITLE CLASSIFICATION TA-16-302 INDEX SHEET
PART CLASSIFICATION	UNCLASSIFIED
DRAWING CLASSIFICATION	UNCLASSIFIED
SIZE D	DRAWING NUMBER 13Y-192094
09-05-91 10:15	FSCM 88516 SCALE 1/1 SHEET 0 OF -
STATUS	ORIGIN LA-ICEMPLUS-V2.03

4 UNCLASSIFIED | 3 UNCLASSIFIED | 2 UNCLASSIFIED | 1 UNCLASSIFIED

PART OR CONTROL NUMBER	REVISIONS		
	ISS	CLASS REVIEW	DESCRIPTION
N/A	A	LS	DRAWN BY - ABERCROMBIE 6-21-91 CHECKER - HYDE 7-10-91 ENGINEER - PALMER APPROVED -



BASEMENT DRAIN PLAN

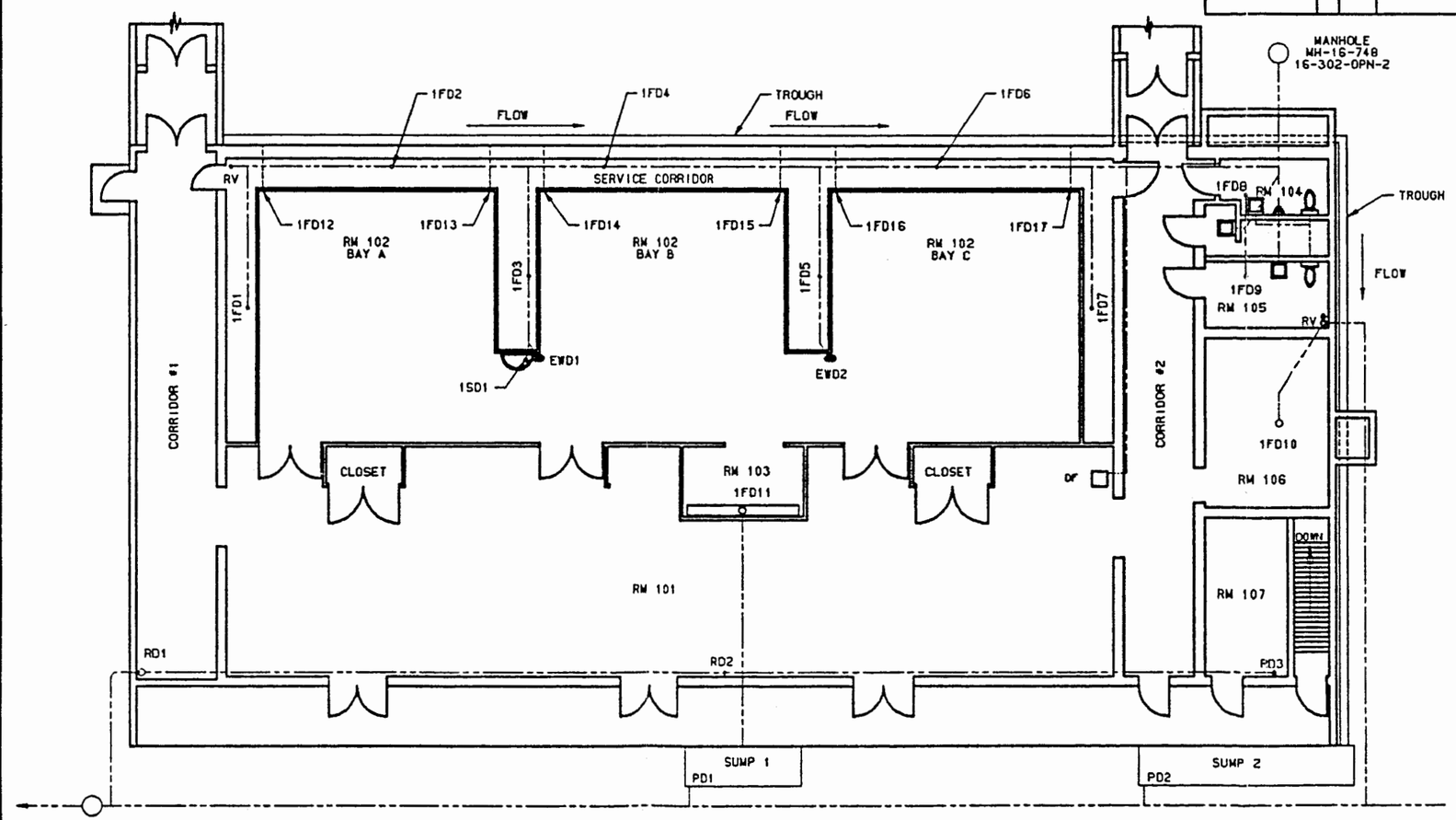
SCALE: 3/16" = 1'-0"

LEGEND

BFD# ----BASEMENT FLOOR DRAIN
EQD# ----EQUIPMENT DRAIN
TD# -----TRENCH DRAIN
BSD1 ----BASEMENT SINK DRAIN
OPN -----OUTFALL PIPE NUMBER

PART CODE	LOS ALAMOS NATIONAL LABORATORY	
SHEET 3 / ISSUE A	TITLE (UNC) TITLE CLASSIFICATION BASEMENT PLUMBING AND DRAIN PLAN TA-16-302	
PART CLASSIFICATION UNCLASSIFIED		
ENGLISH (FT/IN)	DRAWING CLASSIFICATION UNCLASSIFIED	SIZE D / DRAWING NUMBER 13Y-192094
THIRD ANGLE PROJECTION	09-05-91 10:22 / FSCM 88516 / SCALE	SHEET 3 OF -
	STATUS	ORIGIN LA-ICEMPLUS-V2.03

PART OR CONTROL NUMBER	REVISIONS		
	ISS	CLASS REVIEW	DESCRIPTION
N/A	A	LS	DRAWN BY - ABERCROMBIE 6-20-91 CHECKER - HYDE 7-10-91 ENGINEER - PALMER APPROVED -



FIRST FLOOR PLAN

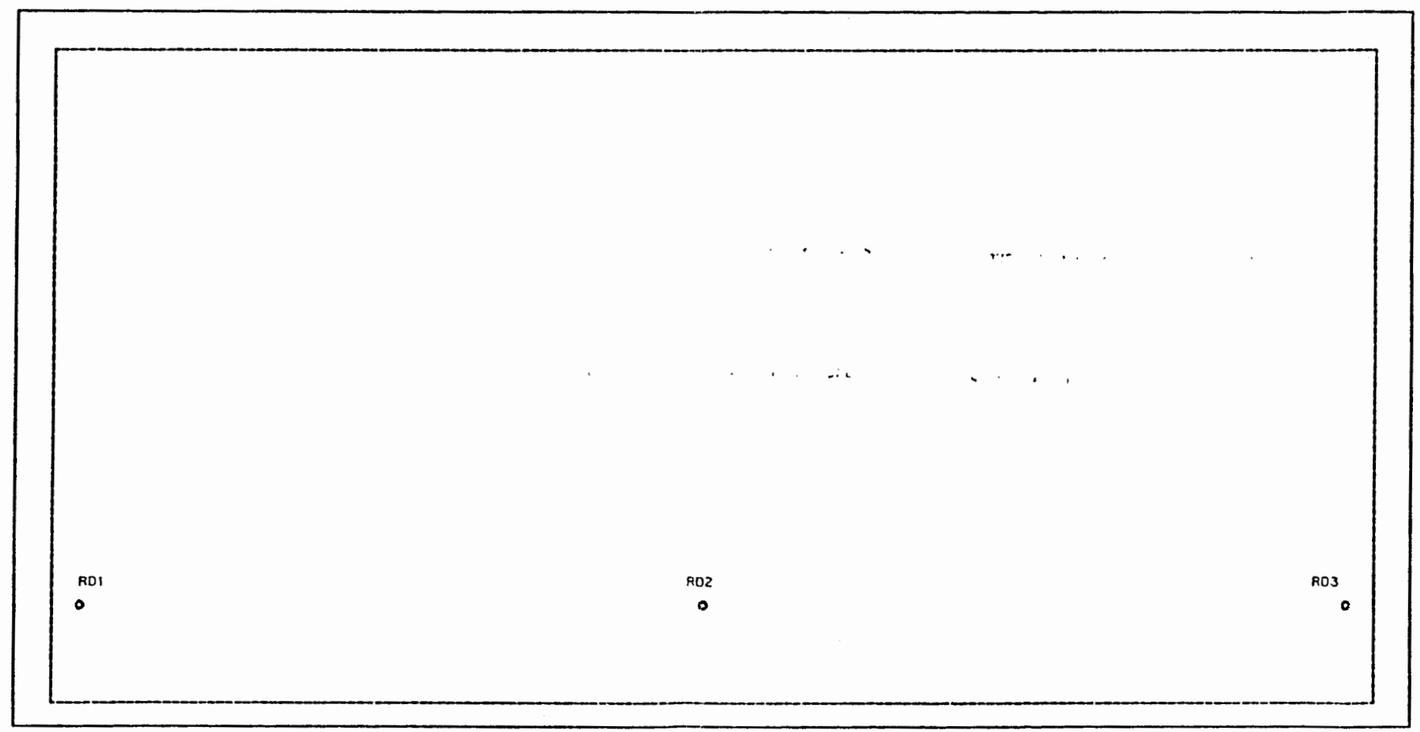
SCALE: 3/16" = 1'-0"

LEGEND

1FD# -----FLOOR DRAIN
PD# -------SUMP DRAIN
RV ---------ROOF VENT
1SD# -------SINK DRAIN
RD# -------RAIN DRAIN
DF ---------DRINKING FOUNTAIN
EWD# ------EYE WASH DRAIN
OPN -------OUTFALL PIPE NUMBER

PART CODE	LOS ALAMOS NATIONAL LABORATORY	
SHEET 2 / ISSUE A	TITLE (UNCL TITLE CLASSIFICATION) FIRST FLOOR PLUMBING AND DRAIN PLAN TA-16-302	
PART CLASSIFICATION UNCLASSIFIED		
ENGLISH (FT/IN)	DRAWING CLASSIFICATION UNCLASSIFIED	SIZE D / DRAWING NUMBER 13Y-192094
THIRD ANGLE PROJECTION	09-05-91 10:35 / FSCM 88516 / SCALE / SHEET 2 OF -	
	STATUS / ORIGIN LA-ICEWPLUS-V2.03	

PART OR CONTROL NUMBER	REVISIONS		
	ISS	CLASS REVIEW	DESCRIPTION
N/A	A	LS	DRAWN BY - ABERCROMBIE 6-19-91 CHECKER - HYDE 7-10-91 ENGINEER - PALMER APPROVED -



ROOF PLAN

SCALE: 3/16" = 1'-0"

LEGEND

RD ----- RAIN DRAIN

	PART CODE	LOS ALAMOS NATIONAL LABORATORY
	SHEET 4 / ISSUE A	TITLE (UNC) TITLE CLASSIFICATION ROOF DRAIN PLAN TA-16-300
	PART CLASSIFICATION UNCLASSIFIED	
ENGLISH (FT/IN)	DRAWING CLASSIFICATION UNCLASSIFIED	SIZE D / DRAWING NUMBER 13Y-192092
THIRD ANGLE PROJECTION	89-06-01 06:09	FSCM 88516 / SCALE / SHEET 4 OF -
	STATUS	ORIGIN LA-ICEMPLUS-V2.03

PART OR CONTRACT NUMBER	REVISIONS		
	ISS	CLASS REVIEW	DESCRIPTION
N/A	-	LS	DRAWN BY - CHECKER - ENGINEER - APPROVED -

BLDG OUTFALL NO	BLDG ROOM NO	DRAIN NO	POTENTIAL EFFLUENT
16-300-OFN-1	SUMP1	SPD1	HE, WOOK HE, CHEMICALS, SOLVENTS, RESIN, OIL, H2O-I, H2O-S
16-300-OFN-1	SUMP2	SPD2	HE, WOOK HE, CHEMICALS, RESIN, OIL, H2O-I, H2O-S
16-300-OFN-1	RM 106	1FD10	HE, WOOK N.
16-300-OFN-1			DETERGENTS, H2O-S
16-300-OFN-1	ROOF	RD1	H2O-R
16-300-OFN-1	ROOF	RD2	H2O-R
16-300-OFN-1	ROOF	RD3	H2O-R
16-300-OFN-1	RM 1	EQD1	OIL, H2O-I
16-300-OFN-1	RM 1	EQD2	OIL, H2O-I
16-300-OFN-1	RM 1	EQD3	OIL, H2O-I
16-300-OFN-1	RM 1	EQD4	OIL, H2O-I
16-300-OFN-1	RM 1	EQD5	OIL, H2O-I
16-300-OFN-1	RM 1	EQD6	OIL, H2O-I
16-300-OFN-1	RM 1	EQD7	OIL, H2O-I
16-300-OFN-1	RM 1	BED8	OIL, H2O-I
16-300-OFN-1	RM 1	BED9	OIL, H2O-I
16-300-OFN-1	RM 1	BTD1	CONDENSATE, OIL, OIL-HYDRAULIC, OIL-TRANSFORMER, H2O-I, H2O-S
16-300-OFN-1	RM 1	BTD2	CONDENSATE, OIL, OIL-HYDRAULIC, OIL-TRANSFORMER, H2O-I, H2O-S
16-300-OFN-1	RM 1	BFD3	CONDENSATE, OIL, H2O-I, H2O-S
16-300-OFN-1	RM 1	BFD4	CONDENSATE, OIL, H2O-I, H2O-S
16-300-OFN-1	RM 1	BFD5	CONDENSATE, OIL, H2O-I, H2O-S
16-300-OFN-1	RM 1	BFD6	CONDENSATE, OIL, H2O-I, H2O-S
16-300-OFN-1	RM 1	BFD7	CONDENSATE, OIL, H2O-I, H2O-S
16-300-OFN-1	RM 1	BFD8	CONDENSATE, OIL, H2O-I, H2O-S
16-300-OFN-1	RM 1	BFD9	H2O-R, H2O-S
16-300-OFN-1	RM 2	BFD1	OIL, H2O-I, H2O-S
16-300-OFN-1	RM 2	BFD2	OIL, H2O-I, H2O-S
16-300-OFN-1	RM 2	BFD3	CHILLER CHEMICALS, CONDENSATE, OIL, H2O-I, H2O-I, H2O-S
16-300-OFN-1	AIR INTAKE	BFD4	H2O-R, H2O-S
16-300-OFN-2	RM 102	1ETD1	H2O-I
16-300-OFN-2	RM 102	1ETD2	H2O-I
16-300-OFN-2	RM 102	1BD1	H2O-I
16-300-OFN-2	RM 102	T/S	SANITARY WASTE, TOILETS, URINALS AND SINKS
16-300-OFN-2	104	1FD8	H2O-S
16-300-OFN-2	105	T/S	SANITARY WASTE, TOILETS AND SINKS
16-300-OFN-2	105	1FD9	H2O-S
16-300-OFN-2	JAN CL	1BD2	DETERGENTS, H2O-I, ZO-S
16-300-OFN-2	SYC COR	1FD1	H2O-I, H2O-S
16-300-OFN-2		1FD2	H2O-I, H2O-S
		1FD3	H2O-I, H2O-S
		1FD4	H2O-I, H2O-S
		1FD5	H2O-I, H2O-S
		1FD6	H2O-I, H2O-S
		1FD7	H2O-I, H2O-S
		1FD12	N, WOOK N, H2O-I, H2O-S
	102 A	1FD13	N, WOOK N, H2O-I, H2O-S
	102 A	1FD14	N, WOOK N, H2O-I, H2O-S
	102 B	1FD15	N, WOOK N, H2O-I, H2O-S
	102 B	1FD16	N, WOOK N, H2O-I, H2O-S
	102 C	1FD17	N, WOOK N, H2O-I, H2O-S
	102 C		

LEGEND

1FD#----FIRST FLOOR DRAIN
BFD#----BASEMENT FLOOR DRAIN
BTD#----BASEMENT TRENCH DRAIN
EQD#----EQUIPMENT DRAIN
EWD#----EYE WASH DRAIN
RD#-----RAIN DRAIN
SD#-----SINK DRAIN
SPD#----SUMP PIT DRAIN

PART CODE: LOS ALAMOS NATIONAL LABORATORY
SHEET 5
ISSUE A
PART CLASSIFICATION: UNCLASSIFIED
TITLE (UNC) TITLE CLASSIFICATION: DRAIN SCHEDULE TA-16-300
ENGLISH (FT/IN)
THIRD ANGLE PROJECTION
DRAWING CLASSIFICATION: UNCLASSIFIED
SIZE D
DRAWING NUMBER 13Y-192092
05-04-93 08:58
FSCM 88516 SCALE 1/1 SHEET 5 OF -
STATUS
ORIGIN LA-ICEMPLUS-V2.03

4 UNCLASSIFIED | 3 UNCLASSIFIED | 2 UNCLASSIFIED | 1 UNCLASSIFIED

BUILDING WAS DYE TESTED ON 8-23-90

PART OR CONTROL NUMBER	REVISIONS		
	ISS	CLASS REVIEW	DESCRIPTION
N/A	A	J.H.	DRAWN BY - ABERCROMBIE 6-27-91 CHECKER - HYDE 7-10-91 ENGINEER - PALMER APPROVED -

TA-16-301
INDEX SHEET

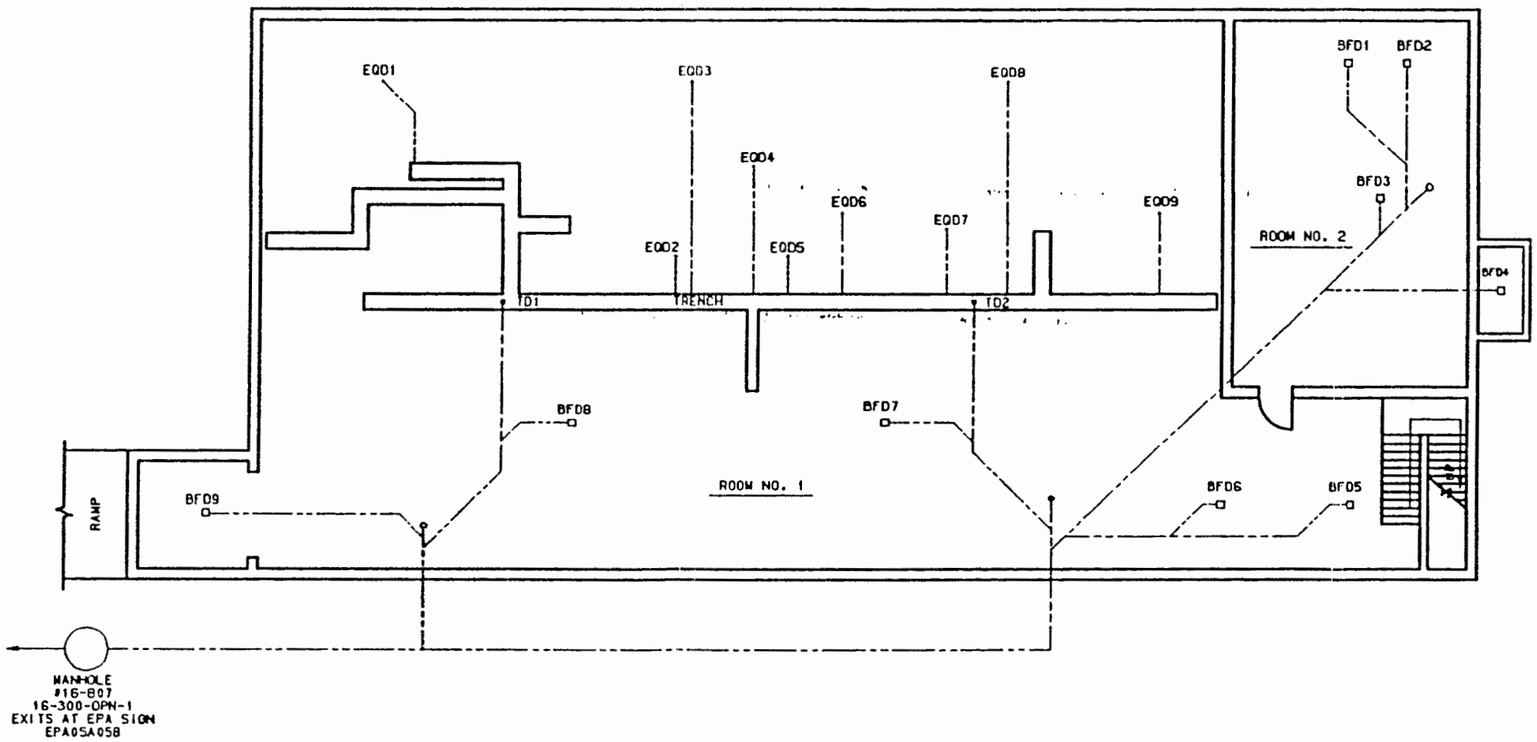
13Y-192092 SHT 1----SITE DRAINAGE PLAN 300-308 AND 319
13Y-192093 SHT 2----FIRST FLOOR PLUMBING DRAIN PLAN
13Y-192093 SHT 3----ROOF PLAN
13Y-192093 SHT 4----POTENTIAL EFFLUENTS
13Y-192093 SHT 5----FIRST FLOOR ELECTRICAL HAZARD PLAN
13Y-192093 SHT 6----FIRST FLOOR EVACUATION PLAN

PART CODE	LOS ALAMOS NATIONAL LABORATORY	
SHEET 0 / ISSUE A	TITLE (U) TITLE CLASSIFICATION INDEX SHEET TA-16-301	
PART CLASSIFICATION UNCLASSIFIED		
ENGLISH (FT/IN)	DRAWING CLASSIFICATION UNCLASSIFIED	SIZE D / DRAWING NUMBER 13Y-192093
THIRD ANGLE PROJECTION	09-05-91 09:24	FSCM 88516 / SCALE 1/1 / SHEET 0 OF -
STATUS		ORIGIN LA-ICEMPLUS-V2.03

4 UNCLASSIFIED | 3 UNCLASSIFIED | 2 UNCLASSIFIED | 1 UNCLASSIFIED

4 UNCLASSIFIED | 3 UNCLASSIFIED | 2 UNCLASSIFIED | 1 UNCLASSIFIED

PART OR CONTROL NUMBER	REVISIONS		
	ISS	CLASS REVISED	DESCRIPTION
N/A	A	LS	DRAWN BY - ABERCROMBIE 6-19-91 CHECKER - HYDE 7-10-91 ENGINEER - PALMER APPROVED -



BASEMENT DRAIN PLAN

SCALE: 1/8" - 1'-0"

LEGEND

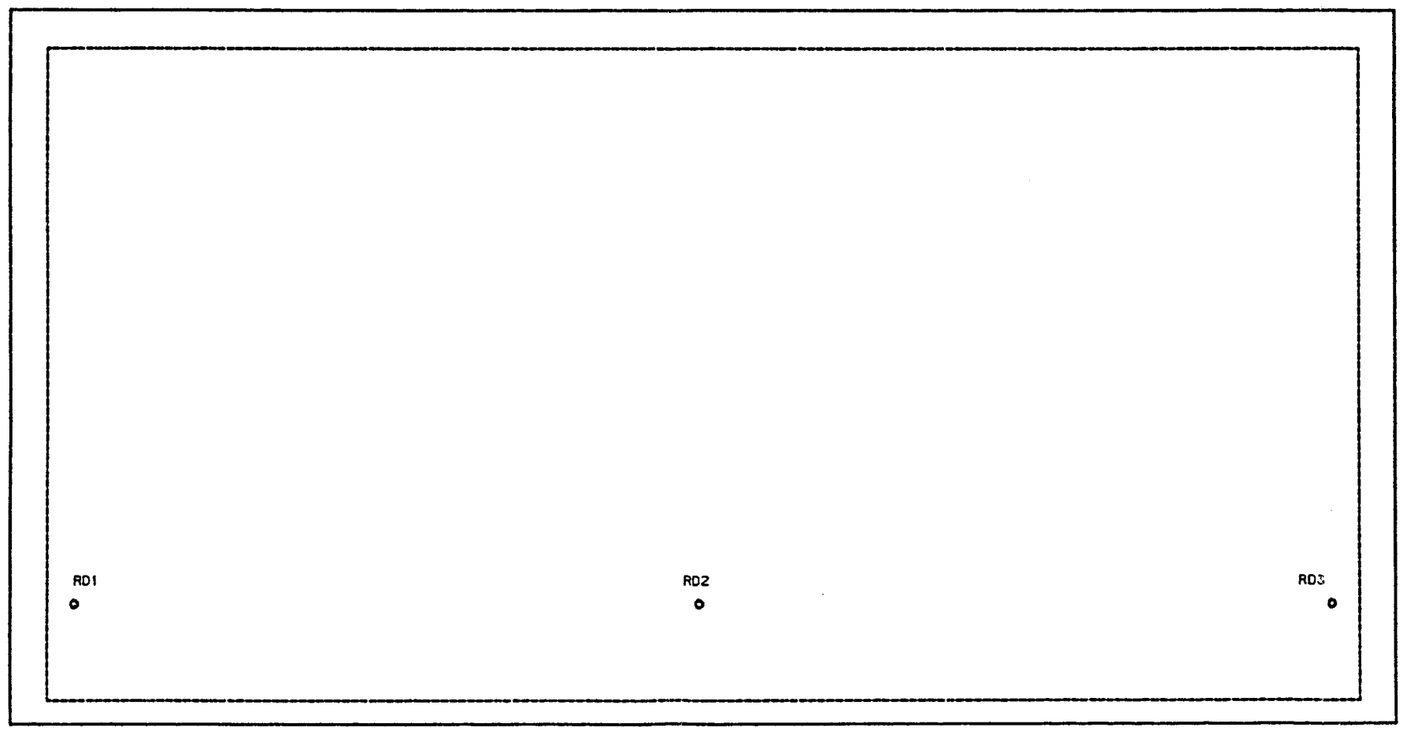
BFD# -----BASEMENT FLOOR DRAIN
EQD# -----EQUIPMENT DRAIN
TD# -----TRENCH DRAINS
OPN -----OUTFALL PIPE NUMBER

PART CODE	LOS ALAMOS NATIONAL LABORATORY	
SHEET 3 / ISSUE A	TITLE (UNC) TITLE CLASSIFICATION BASEMENT PLUMBING AND DRAIN PLAN TA-16-300	
PART CLASSIFICATION UNCLASSIFIED		
ENGLISH (FT/IN)	DRAWING CLASSIFICATION UNCLASSIFIED	SIZE D / DRAWING NUMBER 13Y-192092
THIRD ANGLE PROJECTION	09-11-91 12:22	FSCM 88516 / SCALE / SHEET 3 OF -
	STATUS	ORIGIN LA-ICEMPLUS-V2.03

4 UNCLASSIFIED | 3 UNCLASSIFIED | 2 UNCLASSIFIED | 1 UNCLASSIFIED

4 UNCLASSIFIED | 3 UNCLASSIFIED | 2 UNCLASSIFIED | 1 UNCLASSIFIED

PART OR CONTROL NUMBER	REVISIONS		
	ISS	CLASS REVIEW	DESCRIPTION
N/A	A	LS	DRAWN BY - N. ROMERO 9-4-90 CHECKER - HYDE 7-10-91 ENGINEER - PALMER APPROVED -



ROOF PLAN

SCALE: 3/16" = 1'-0"

LEGEND

RD ----- RAIN DRAIN

PART CODE	LOS ALAMOS NATIONAL LABORATORY
SHEET 4 / ISSUE A	TITLE (UNC) TITLE CLASSIFICATION ROOF DRAIN PLAN TA-16-302
PART CLASSIFICATION	UNCLASSIFIED
ENGLISH (FT/IN)	DRAWING CLASSIFICATION: UNCLASSIFIED
SIZE D	DRAWING NUMBER 13Y-192094
THIRD ANGLE PROJECTION	08-05-91 10:29 / FSCM 88516 / SCALE / SHEET 4 OF -
STATUS	ORIGIN LA-ICEMPLUS-V2.03

4 UNCLASSIFIED | 3 UNCLASSIFIED | 2 UNCLASSIFIED | 1 UNCLASSIFIED

PART OR CONTROL NUMBER	REVISIONS		
	ISS	CLASS REVIEW	DESCRIPTION
N/A	A	LS	DRAWN BY - ABERCROMBIE 7-2-91 CHECKER - HYDE 7-10-91 ENGINEER - PALMER APPROVED -

BLDG DUTFALL NO	BLDG ROOM NO	DRAIN NO	POTENTIAL EFFLUENT
16-302-OPH-1	SUMP1	SPD1	HE, MOCK HE, CHEMICALS, SOLVENTS, RESIN, OIL, H2O-I, H2O-N
16-302-OPH-1	SUMP2	SPD2	
16-302-OPH-1	RM 103	1FD11	HE, MOCK HE, CHEMICALS, H2O-I, H2O-N
16-302-OPH-1	RM 108	1FD10	DETERGENTS, H2O-N
16-302-OPH-1	ROOF	RD1	H2O-R
16-302-OPH-1	ROOF	RD2	H2O-R
16-302-OPH-1	ROOF	RD3	H2O-R
16-302-OPH-1	RM 1	EQD1	OIL, H2O-T
16-302-OPH-1	RM 1	EQD2	OIL, H2O-T
16-302-OPH-1	RM 1	EQD3	OIL, H2O-T
16-302-OPH-1	RM 1	EQD4	OIL, H2O-T
16-302-OPH-1	RM 1	EQD5	OIL, H2O-T
16-302-OPH-1	RM 1	EQD6	OIL, H2O-T
16-302-OPH-1	RM 1	EQD7	OIL, H2O-T
16-302-OPH-1	RM 1	BFD8	OIL, H2O-T
16-302-OPH-1	RM 1	BFD9	OIL, H2O-T
-2-OPH-1			CONDENSATE, OIL, OIL-HYDRAULIC, OIL-TRANSFORMER, H2O-I, H2O-T, H2O-N
			CONDENSATE, OIL, OIL-HYDRAULIC, OIL-TRANSFORMER, H2O-I, H2O-T, H2O-N
16-302-OPH-1	RM 1	BFD5	CONDENSATE, OIL, H2O-I, H2O-N
16-302-OPH-1	RM 1	BFD6	CONDENSATE, OIL, H2O-I, H2O-N
16-302-OPH-1	RM 1	BFD7	CONDENSATE, OIL, H2O-I, H2O-N
16-302-OPH-1	RM 1	BFD8	CONDENSATE, OIL, H2O-I, H2O-N
16-302-OPH-1	RM 1	BFD9	H2O-R, H2O-N
	PA	BFD1	OIL, H2O-T, H2O-N
16-302-OPH-1	RM 2	BFD2	OIL, H2O-T, H2O-N
16-302-OPH-1	RM 2	BFD3	CHILLER CHEMICALS, CONDENSATE, OIL, H2O-I, H2O-T, H2O-N
16-302-OPH-1	AIR INTAKE	BFD4	H2O-R, H2O-N
16-302-OPH-2	RM 102	1EWD1	H2O-I
16-302-OPH-2	RM 102	1EWD2	H2O-I
16-302-OPH-2	RM 102	1SD1	H2O-I
16-302-OPH-2	104	T/S	SANITARY PASTE, TOILETS, URINALS AND SINKS
16-302-OPH-2	104	1FD8	H2O-N
16-302-OPH-2	105	T/S	SANITARY PASTE, TOILETS AND SINKS
16-302-OPH-2	105	1FD9	H2O-N
16-302-OPH-2	JAN CL	1SD2	DETERGENTS, H2O-I, 2O-N
16-302-OPH-2	SVC COR	1FD1	
16-302-OPH-2	SVC COR		H2O-I, H2O-N
16-302-OPH-2	SVC COR		H2O-I, H2O-N
16-302-OPH-2	SVC COR		H2O-I, H2O-N
16-302-OPH-2	SVC COR		H2O-I, H2O-N
16-302-OPH-2	SVC COR		H2O-I, H2O-N
16-302-OPH-2	SVC COR		H2O-I, H2O-N
16-302-OPH-2	102 A	1FD12	H2, MOCK H2, H2O-I, H2O-N
16-302-OPH-2	102 A	1FD13	H2, MOCK H2, H2O-I, H2O-N
16-302-OPH-2	102 B	1FD14	H2, MOCK H2, H2O-I, H2O-N
16-302-OPH-2	102 B	1FD15	H2, MOCK H2, H2O-I, H2O-N
16-302-OPH-2	102 C	1FD16	H2, MOCK H2, H2O-I, H2O-N
16-302-OPH-2	102 C	1FD17	H2, MOCK H2, H2O-I, H2O-N

LEGEND

1FD#----FIRST FLOOR DRAIN
BFD#----BASEMENT FLOOR DRAIN
BTD#----BASEMENT TRENCH DRAIN
EQD#----EQUIPMENT DRAIN
EWD#----EYE WASH DRAIN
RD#-----RAIN DRAIN
SD#-----SINK DRAIN
SPD#----SUMP PIT DRAIN

PART CODE	LOS ALAMOS NATIONAL LABORATORY	
SHEET 5	TITLE (UNC) TITLE CLASSIFICATION	
ISSUE A	DRAIN SCHEDULE TA-16-302	
PART CLASSIFICATION UNCLASSIFIED		
ENGLISH (FT/IN)	DRAWING CLASSIFICATION UNCLASSIFIED	SIZE D / DRAWING NUMBER 13Y-192094
THIRD ANGLE PROJECTION	09-05-91 10:42	FSCM 88516 SCALE 1/1 SHEET 5 OF -
	STATUS	ORIGIN LA-ICEMPLUS-V2.03

BUILDING WAS DYE TESTED ON 8-23-90

PART OR CONTROL NUMBER	REVISIONS		
	ISS	CLASS REVIEW	DESCRIPTION
N/A	A	J.H.	DRAWN BY - ABERCROMBIE 6-27-91 CHECKER - HYDE 7-10-91 ENGINEER - PALMER APPROVED -

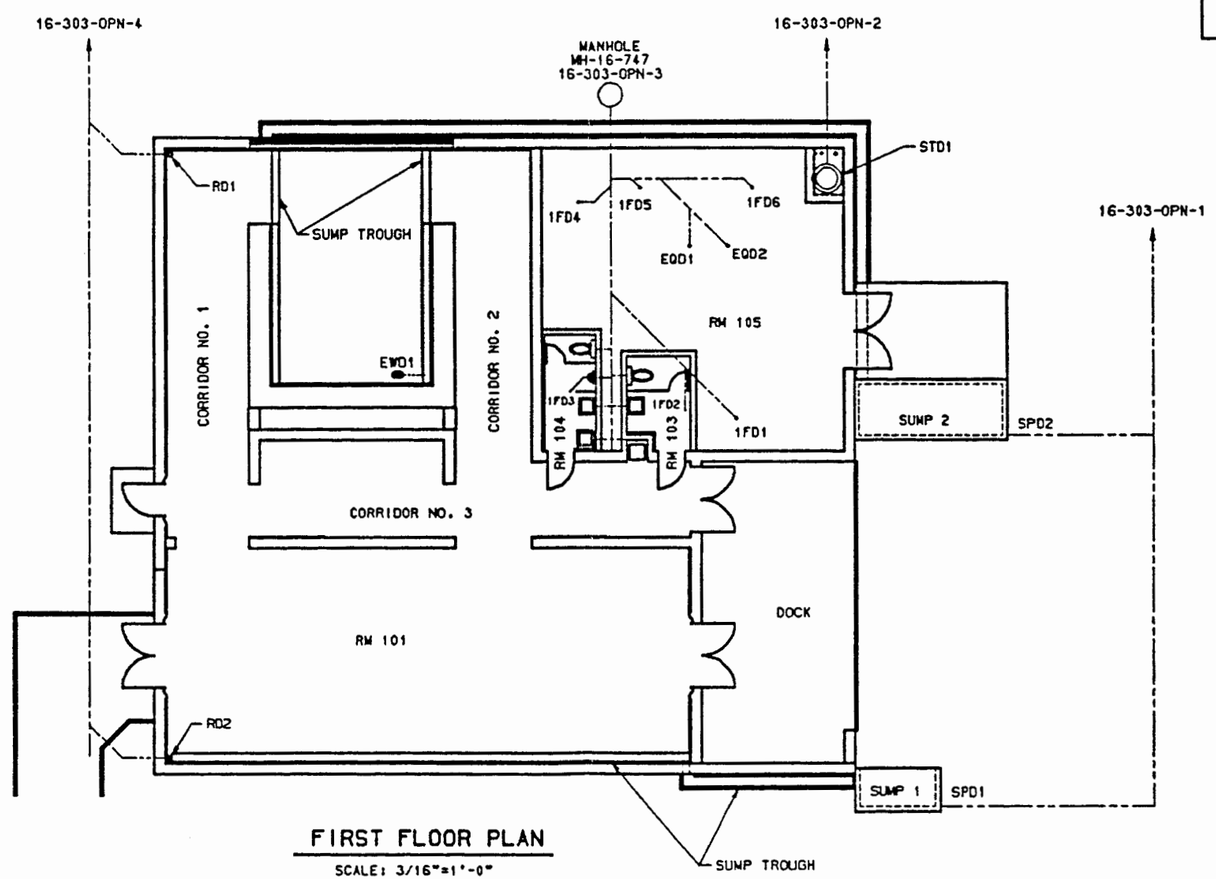
TA-16-303
INDEX SHEET

13Y-192092 SHT 1----SITE DRAINAGE PLAN
13Y-192095 SHT 2----FIRST FLOOR PLUMBING DRAIN PLAN
13Y-192095 SHT 3----ROOF PLAN
13Y-192095 SHT 4----POTENTIAL EFFLUENTS
13Y-192095 SHT 5----FIRST FLOOR ELECTRICAL HAZARD PLAN
13Y-192095 SHT 6----FIRST FLOOR EVACUATION PLAN

PART CODE	LOS ALAMOS NATIONAL LABORATORY	
SHEET 0 / ISSUE A	TITLE (U) TITLE CLASSIFICATION INDEX SHEET TA-16-303	
PART CLASSIFICATION UNCLASSIFIED		
ENGLISH (FT/IN)	DRAWING CLASSIFICATION UNCLASSIFIED	SIZE D / DRAWING NUMBER 13Y-192095
THIRD ANGLE PROJECTION	09-05-91 10:55 / FSCM 88516 / SCALE 1/1 / SHEET 0 OF -	
	STATUS / ORIGIN LA-ICEMPLUS-V2.03	

4 UNCLASSIFIED | 3 UNCLASSIFIED | 2 UNCLASSIFIED | 1 UNCLASSIFIED

PART OR CONTROL NUMBER	REVISIONS		
	ISS	CLASS REVIEW	DESCRIPTION
N/A	A	J.H.	DRAWN BY - ABERCROMBIE 6-28-91 CHECKER - HYDE 7-10-91 ENGINEER - PALMER APPROVED -



FIRST FLOOR PLAN

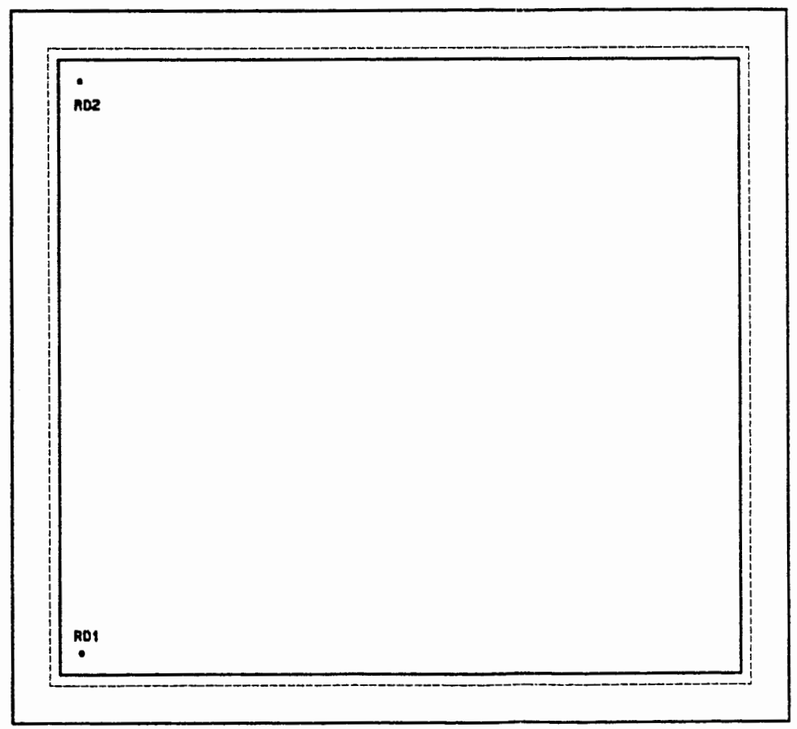
SCALE: 3/16"=1'-0"

LEGEND
1FD#------FLOOR DRAIN
EQD#------EQUIPMENT DRAIN
EWD1------EYE WASH DRAIN
SPD#------SUMP DRAIN
STD1------STEAM DRAIN
RD--------RAIN DRAIN
OPN-------OUTFALL PIPE NUMBER

PART CODE	LOS ALAMOS NATIONAL LABORATORY	
SHEET 2 / ISSUE A	TITLE (UNC) TITLE CLASSIFICATION FIRST FLOOR PLUMBING AND DRIAN PLAN TA-16-303	
PART CLASSIFICATION UNCLASSIFIED		
ENGLISH (FT/IN)	DRAWING CLASSIFICATION UNCLASSIFIED	SIZE D / DRAWING NUMBER 13Y-192095
THIRD ANGLE PROJECTION	09-05-91 11:52	FSCM 88516 / SCALE / SHEET 2 OF -
STATUS		ORIGIN LA-ICEMPLUS-V2.03

4 UNCLASSIFIED | 3 UNCLASSIFIED | 2 UNCLASSIFIED | 1 UNCLASSIFIED

PART OR CONTROL NUMBER	REVISIONS		
	ISS	CLASS REVIEW	DESCRIPTION
N/A	A	J.H.	DRAWN BY - ABERCROMBIE 7-1-91 CHECKER - HYDE 7-10-91 ENGINEER - PALMER APPROVED -



ROOF DRAIN PLAN

SCALE: 3/16"=1'-0"

LEGEND
RD-----RAIN DRAIN

PART CODE	LOS ALAMOS NATIONAL LABORATORY
SHEET 3 / ISSUE A	TITLE (UNC) TITLE CLASSIFICATION ROOF DRAIN PLAN TA-16-303
PART CLASSIFICATION	UNCLASSIFIED
ENGLISH (FT/IN)	DRAWING CLASSIFICATION: UNCLASSIFIED; SIZE D; DRAWING NUMBER 13Y-192095
THIRD ANGLE PROJECTION	09-05-91 11:27; FSCM 88516; SCALE; SHEET 3 OF -
	STATUS; ORIGIN LA-ICEMPLUS-V2.03

UNCLASSIFIED 4 3 2 1 UNCLASSIFIED

PART OR CONTROL NUMBER	REVISIONS		
	ISS	CLASS REVIEW	DESCRIPTION
N/A	A	LS	DRAWN BY - ABERCROMBIE 7-1-91 CHECKER - HYDE 7-10-91 ENGINEER - PALMER APPROVED -

BLDG OUTFALL NO	BLDG ROOM NO	DRAIN NO	POTENTIAL EFFLUENT
16-303-OPN-1	SUMP1	SPD1 PLUGGED	ECH, CHEM-C, He, CONDENSATE, FREON, HYDRAULIC OIL, H2O-I, H2O-T, H2O-W
16-303-OPN-1	SUMP2	SPD2 PLUGGED	ECH, HYDRAULIC OIL, He, H2O-I, H2O-T, H2O-W
16-303-OPN-2	105	STD1	CONDENSATE, POSSIBILITY OF ALL EFFLUENTS LISTED FOR OTHER DRAINS
16-303-OPN-4	ROOF	RD1	H2O-R
16-303-OPN-4	ROOF	RD2	H2O-R
16-303-OPN-3	103	1FD2	H2O-I, DETERGENT
16-303-OPN-3	104	1FD3	H2O-I, DETERGENT
16-303-OPN-3	105	1FD1	FE3, CHEM-C, FREON, H2O-I, H2O-W
16-303-OPN-3		1FD4	NOT IN USE, PLUGGED
16-303-OPN-3	105	1FD5	PTW1, OIL-H, H2O-T; HXS1, CONDENSATE, H2O-I, H2O-T, H2O-W
16-303-OPN-3	105	EQD1	PV-1, He, H2O-W
16-303-OPN-3	105	EQD2	PV-2, He, H2O-W
16-303-OPN-3	105	1FD6	PC-1, OIL, H2O-T, CONDENSATE; PC-2, OIL, H2O-T, CONDENSATE

PART CODE — LOS ALAMOS NATIONAL LABORATROY

SHEET 4 | ISSUE A

PART CLASSIFICATION: UNCLASSIFIED

TITLE (UNC) TITLE CLASSIFICATION

DRAIN SCHEDULE
TA-16-303

ENGLISH (FT/IN)

THIRD ANGLE PROJECTION

DRAWING CLASSIFICATION: UNCLASSIFIED

SIZE C | DRAWING NUMBER 13Y-192095

09-05-91 11:16 | FSCM 88516 | SCALE 1/1 | SHEET 4 OF -

STATUS | ORIGIN LA-ICEMPLUS-V2.03

UNCLASSIFIED 4 3 2 1 UNCLASSIFIED

BUILDING WAS DYE TESTED ON 9-12-90

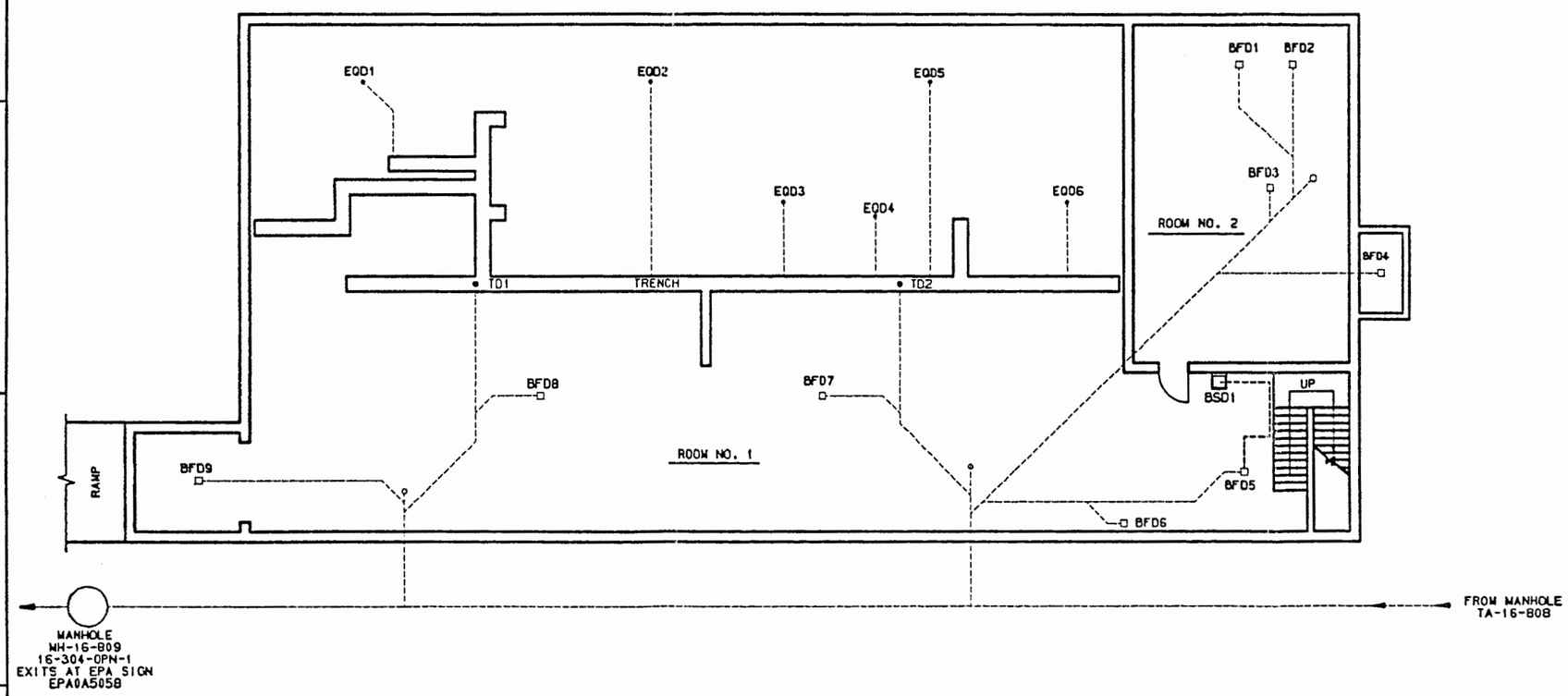
PART OR CONTROL NUMBER	REVISIONS		
	ISS	CLASS REVIEW	DESCRIPTION
N/A	A	J.H.	DRAWN BY - ABERCROMBIE CHECKER - HYDE 7-10-91 ENGINEER - PALMER APPROVED -

TA-16-304
INDEX SHEET

13Y-192092 SHT 1----SITE DRAINAGE PLAN
13Y-192096 SHT 2----FIRST FLOOR PLUMBING DRAIN PLAN
13Y-192096 SHT 3----BASEMENT PLUMBING DRAIN PLAN
13Y-192096 SHT 4----ROOF PLAN
13Y-192096 SHT 5----POTENTIAL EFFULENT
13Y-192096 SHT 6----FITST FLOOR ELECTRICAL HAZARDS ZONE
13Y-192096 SHT 7----BASEMENT ELECTRICAL HAZARDS ZONES
13Y-192096 SHT 8----FIRST FLOOR EVAC PLAN
13Y-192096 SHT 9----BASEMENT EVAC PLAN

PART CODE	LOS ALAMOS NATIONAL LABORATORY	
SHEET 0 / ISSUE A	TITLE (U) TITLE CLASSIFICATION TA-16-304 INDEX SHEET	
PART CLASSIFICATION UNCLASSIFIED		
ENGLISH (FT/IN)	DRAWING CLASSIFICATION UNCLASSIFIED	SIZE D / DRAWING NUMBER 13Y-192096
THIRD ANGLE PROJECTION	89-12-01 17:00	FSCM 88516 / SCALE 1/1 / SHEET 0 OF -
	STATUS	ORIGIN LA-ICEMPLUS-V2.03

PART OR CONTROL NUMBER	REVISIONS		
	ISS	CLASS REVIEW	DESCRIPTION
N/A	A	LS	DRAWN BY - ABERCROMBIE 7-1-91 CHECKER - HYDE 7-10-91 ENGINEER - PALMER APPROVED -



BASEMENT DRAIN PLAN

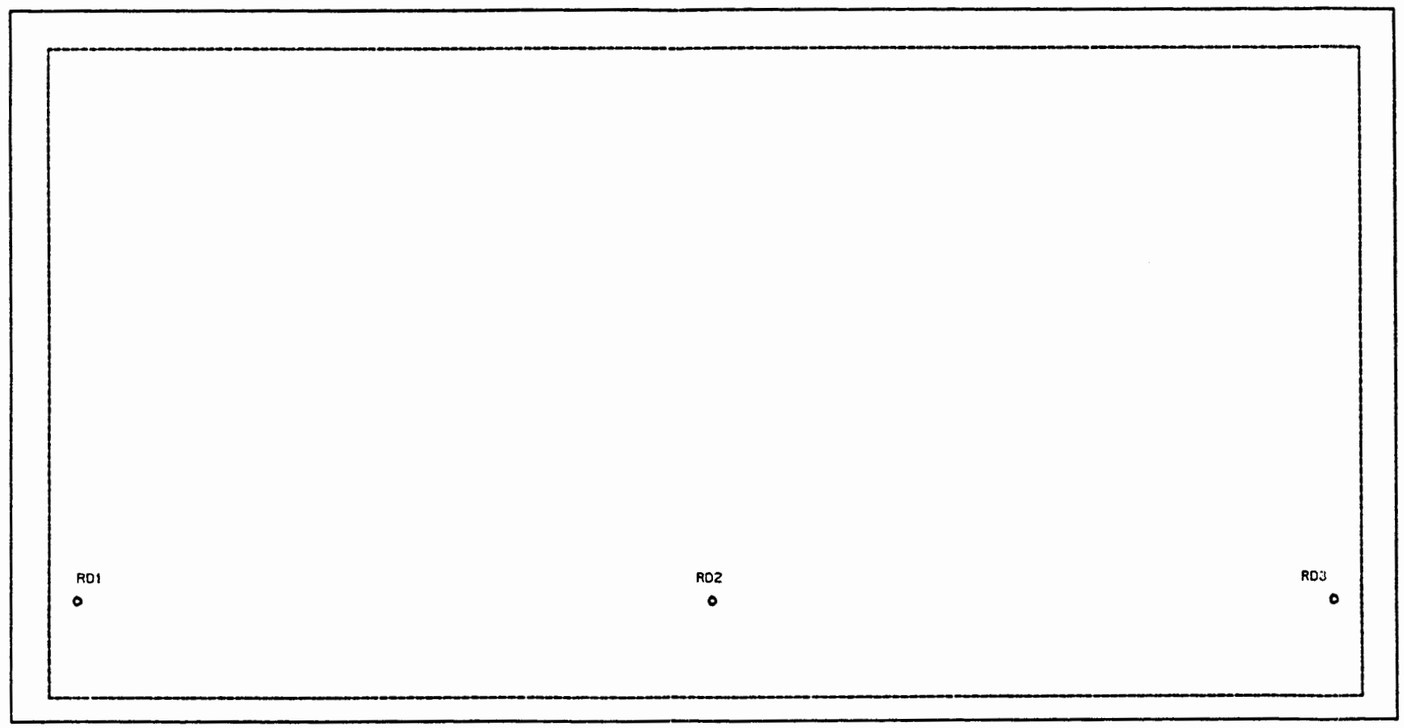
SCALE: 3/16" = 1'-0"

LEGEND

BFD# --- BASEMENT FLOOR DRAIN
EQD# --- EQUIPMENT FLOOR DRAIN
TD# ---- TRENCH DRAINS
BSD1 -----BASEMENT SINK DRAIN
OPN -----OUTFALL PIPE NUMBER

PART CODE	LOS ALAMOS NATIONAL LABORATORY	
SHEET 3 / ISSUE A	TITLE (UNC) TITLE CLASSIFICATION BASEMENT PLUMBING AND DRAIN PLAN TA-16-304	
PART CLASSIFICATION UNCLASSIFIED		
ENGLISH (FT/IN)	DRAWING CLASSIFICATION UNCLASSIFIED	SIZE D / DRAWING NUMBER 13Y-192096
THIRD ANGLE PROJECTION	89-12-01 16:55 / FSCN 88516 / SCALE / SHEET 3 OF -	
	STATUS / ORIGIN LA-ICEMPLUS-V2.03	

PART OR CONTROL NUMBER	REVISIONS		
	ISS	CLASS REVIEW	DESCRIPTION
N/A	A	LS	DRAWN BY - ABERCROMBIE 6-24-91 CHECKER - HYDE 7-10-91 ENGINEER - PALMER APPROVED -



ROOF PLAN

SCALE: 3/16" = 1'-0"

LEGEND

RD ----- RAIN DRAIN

PART CODE	LOS ALAMOS NATIONAL LABORATORY	
SHEET 4 / ISSUE A	TITLE (UNC) TITLE CLASSIFICATION ROOF DRAIN PLAN TA-16-304	
PART CLASSIFICATION UNCLASSIFIED		
ENGLISH (FT/IN)	DRAWING CLASSIFICATION UNCLASSIFIED	SIZE D / DRAWING NUMBER 13Y-192096
THIRD ANGLE PROJECTION	93-12-01 17:04	FSCM 88516 / SCALE / SHEET 4 OF -
	STATUS	ORIGIN LA-ICEMPLUS-V2.03

BLDG OUTFALL NO	BLDG ROOM NO	DRAIN NO	POTENTIAL EFFLUENT
16-304-OPN-1	SUMP1	SPD1	PLASTICS, SOLVENTS RESIN, OIL, H20- , H20 #
16-304-OPN-1	SUMP2	SPD2	METAL CHIPS, PLASTICS, SOLVENTS, RESIN, OIL, H20-I, H20-#
416-308-OPN-1	RM 103	IFD11	SOLVENTS, PLASTICS, HO-I, H20-#
16-304-OPN-1	RM 106	IFD10	CHEMICALS, DETERGENTS, H20-#
16-304-OPN-1	ROOF	RD1	H20-R
16-304-OPN-1	ROOF	RD2	H20-R
16-304-OPN-1	ROOF	RD3	H20-R
16-304-OPN-1	RM 1	EQD1	OIL, H20-T
16-304-OPN-1	RM 1	EQD2	OIL, H20-T
16-304-OPN-1	RM 1	EQD3	OIL, H20-T
16-304-OPN-1	RM 1	EQD4	OIL, H20-T
16-304-OPN-1	RM 1	EQD5	OIL, H20-T
16-304-OPN-1	RM 1	EQD6	OIL, H20-T
16-304-OPN-1	RM 1	BTD1	CONDENSATE, OIL, OIL-HYDRAULIC, OIL-TRANSFORMER, H20-I, H20-T, H20-#
16-304-OPN-1	RM 1	BTD2	CONDENSATE, OIL, OIL-HYDRAULIC, OIL-TRANSFORMER, H20-I, H20-T, H20-#
16-34-OPN-1	RM 1	BFD5	CONDENSATE, OIL, H20-I, H20-#
16-304-OPN-1	RM 1	BFD6	CONDENSATE, OIL, H20-I, H20-#
16-304-OPN-1	RM 1	BFD7	CONDENSATE, OIL, H20-I, H20-#
16-304-OPN-1	RM 1	BFD8	CONDENSATE, OIL, H20-I, H20-#
16-304-OPN-1	RM 1	BFD9	H20-R, H20-#
16-304-OPN-1	RM 2	BFD1	OIL, H20-T, H20-#
16-304-OPN-1	RM 2	BFD2	OIL, H20-T, H20-#
16-304-OPN-1	RM 2	BFD3	CHILLER CHEMICALS, CONDENSATE, OIL, H20-I, H20-T, H20-#
16-304-OPN-1	AIR INTAKE	BFD4	H20-R, H20-#
16-304-OPN-2	RM 102	IEWD1	H20-I
16-304-OPN-2	RM 102	IEWD2	H20-I
16-304-OPN-2	RM 102	ISD1	H20-I
16-304-OPN-2	104	T/S	SANITARY WASTE, TOILETS, URINALS AND SINKS
16-304-OPN-2	104	IFD8	H20-#
16-304-OPN-2	105	T/S	SANITARY WASTE, TOILETS AND SINKS
16-304-OPN-2	105	IFD9	H20-#
16-304-OPN-2	JAN CL	ISD2	DETERGENTS, H20-I, 20-#
16-304-OPN-2	SVC COR	IFD1	H20-I, H20-#
16-304-OPN-2	SVC COR	IFD2	H20-I, H20-#
16-304-OPN-2	SVC COR	IFD3	H20-I, H20-#
16-304-OPN-2	SVC COR	IFD4	H20-I, H20-#
16-304-OPN 2	SVC COR	IFD5	H20-I, H20-#
16-304-OPN-2	SVC COR	IFD6	H20-I, H20-#
16-304-OPN-2	SVC COR	IFD7	H20-I, H20-#
16-304-OPN-2	102 A	IFD12	SOLVENTS, PLASTICS, RESIN, OIL H20-I, H20-#
16-304-OPN-2	102 A	IFD13	SOLVENTS, PLASTICS, RESIN, OIL H20-I, H20-#
16-304-OPN-2	102 B	IFD14	SOLVENTS, PLASTICS, RESIN, OIL H20-I, H20-#
16-304-OPN-2	102 B	IFD15	SOLVENTS, PLASTICS, RESIN, OIL H20-I, H20-#
16-304-OPN-2	102 C	IFD16	SOLVENTS, PLASTICS, RESIN, OIL H20-I, H20-#
16-304-OPN-2	102 C	IFD17	SOLVENTS, PLASTICS, RESIN, OIL H20-I, H20-#

LEGEND

IFD#----FIRST FLOOR DRAIN
BFD#----BASEMENT FLOOR DRAIN
BTD#----BASEMENT TRENCH DRAIN
EQD#----EQUIPMENT DRAIN
EWD#----EYE WASH DRAIN
RD#----RAIN DRAIN
SD#----SINK DRAIN
SPD#----SUMP PIT DRAIN

REVISIONS			
CLASS REVIEW	DESCRIPTION	PART OR CONTROL NUMBER	
LS	- ABERCROMBIE 7-2-91 - HYDE 7-10-91 - PALMER	N/A	
A	DRAWN BY CHECKER ENGINEER APPROVED		

LOS ALAMOS NATIONAL LABORATORY

PART CODE | SHEET 5 | ISSUE A

TITLE: DRAIN SCHEDULE TA-16-304

FUNCTIONAL TITLE CLASSIFICATION

PART CLASSIFICATION: UNCLASSIFIED

DRAWING CLASSIFICATION: UNCLASSIFIED

SIZE D | DRAWING NUMBER 13Y-192096

FROM BB516 | SCALE 1/1 | SHEET 5 OF -

ORIGIN LA-TICEUPLUS-V2.03

STATUS

THIRD ANGLE PROJECTION

ENGLISH (FT/IN)

UNCLASSIFIED

BUILDING WAS DYE TESTED ON 8-24-90

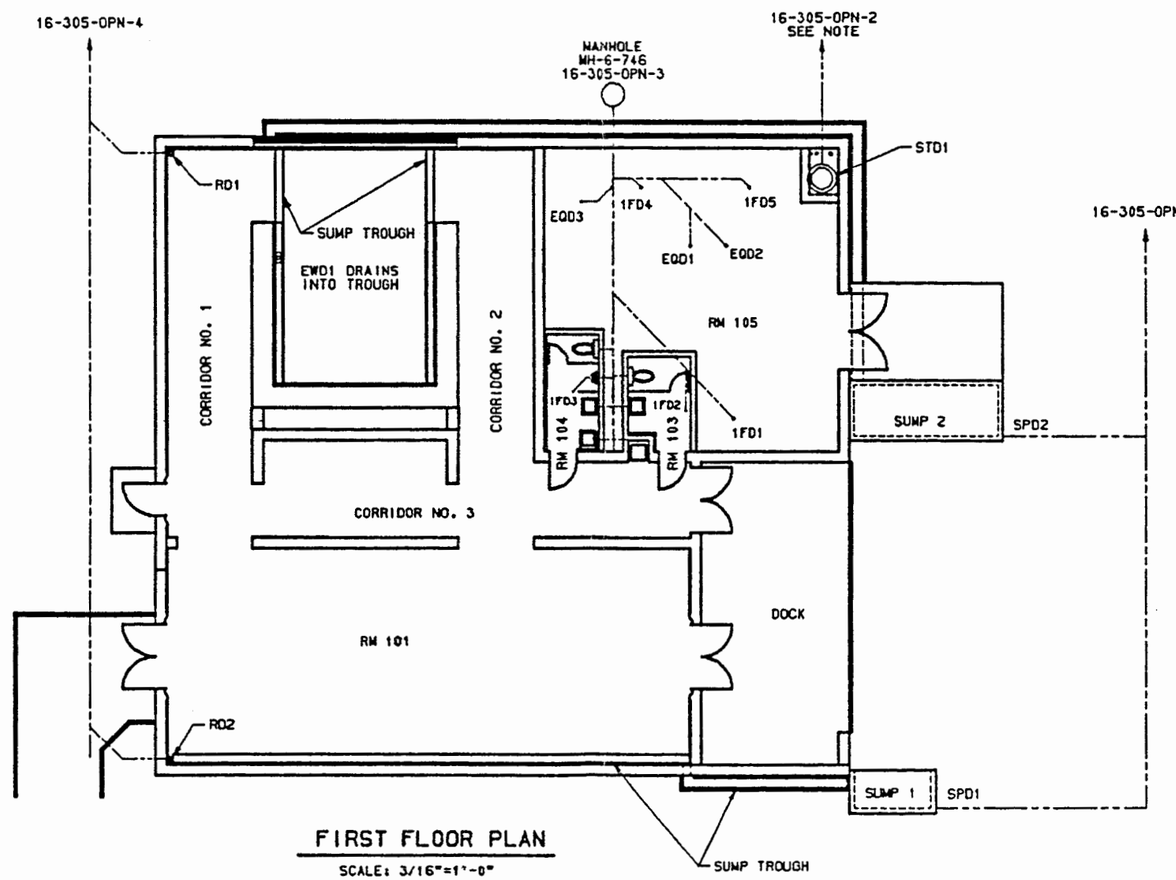
PART OR CONTROL NUMBER	REVISIONS		
	ISS	CLASS REVIEW	DESCRIPTION
N/A	A	J.H.	DRAWN BY - ABERCROMBIE 6-27-91 CHECKER - HYDE 7-10-91 ENGINEER - PALMER APPROVED -

TA-16-305
INDEX SHEET

13Y-192092 SHT 1----SITE DRAINAGE PLAN
13Y-192097 SHT 2----FIRST FLOOR PLUMBING DRAIN PLAN
13Y-192097 SHT 3----ROOF PLAN
13Y-192097 SHT 4----POTENTIAL EFFLUENT
13Y-192097 SHT 5----FIRST FLOOR ELECTRICAL HAZARD PLAN
13Y-192097 SHT 6----FIRST FLOOR EVACUATION PLAN

PART CODE	LOS ALAMOS NATIONAL LABORATORY	
SHEET 0 / ISSUE A	TITLE (U) TITLE CLASSIFICATION INDEX SHEET TA-16-305	
PART CLASSIFICATION UNCLASSIFIED		
ENGLISH (FT/IN)	DRAWING CLASSIFICATION UNCLASSIFIED	SIZE D / DRAWING NUMBER 13Y-192097
THIRD ANGLE PROJECTION	09-05-91 11:34	FSCM 88516 / SCALE 1/1 / SHEET 0 OF -
STATUS	ORIGIN LA-ICEMPLUS-V2.03	

PART OR CONTROL NUMBER	REVISIONS		
	ISS	CLASS REVIEW	DESCRIPTION
N/A	A	J.H.	DRAWN BY - ABERCROMBIE 6-27-91 CHECKER - HYDE 7-10-91 ENGINEER - PALMER APPROVED -



FIRST FLOOR PLAN

SCALE: 3/16"=1'-0"

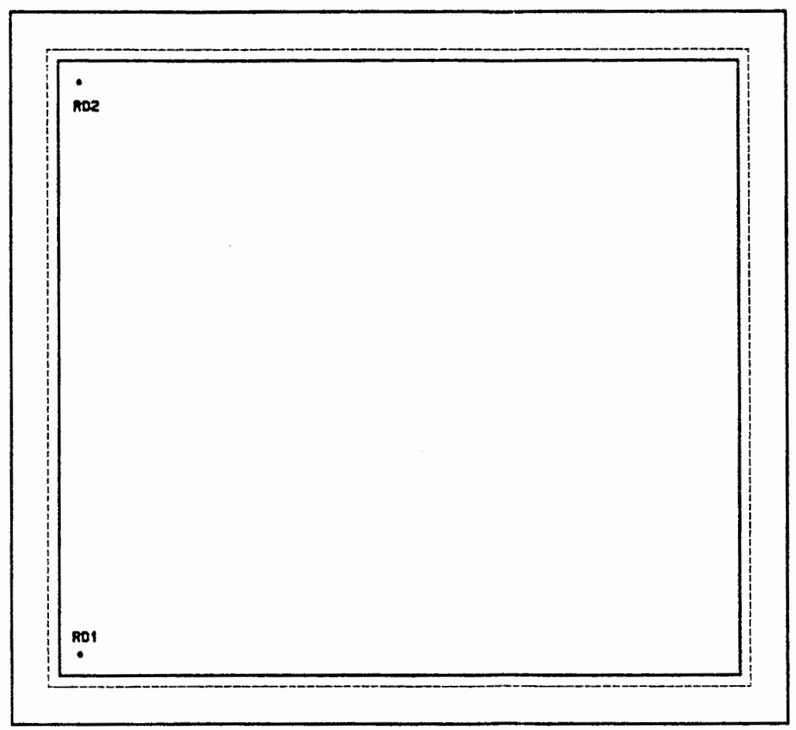
NOTE: THE STEAM PIT DRAIN COULD NOT BE VERIFIED.
THE OUTFALL LOCATION IS BURIED WITH EARTH.

LEGEND
1FD#------FLOOR DRAIN
SPD#------SUMP DRAIN
STD1------STEAM DRAIN
EWD1------EYE WASH DRAIN
RD--------RAIN DRAIN
OPN-------OUTFALL PIPE NUMBER

PART CODE	LOS ALAMOS NATIONAL LABORATORY	
SHEET 2 / ISSUE A	TITLE (UNC) TITLE CLASSIFICATION FIRST FLOOR PLUMBING AND DRIAN PLAN TA-16-305	
PART CLASSIFICATION UNCLASSIFIED		
ENGLISH (FT/IN)	DRAWING CLASSIFICATION UNCLASSIFIED	SIZE D / DRAWING NUMBER 13Y-192097
THIRD ANGLE PROJECTION	90-05-01 11:42	FSCM 88516 / SCALE / SHEET 2 OF -
	STATUS	ORIGIN LA-ICEMPLUS-V2.03

4 UNCLASSIFIED | 3 UNCLASSIFIED | 2 UNCLASSIFIED | 1 UNCLASSIFIED

PART OR CONTROL NUMBER	REVISIONS		
	ISS	CLASS REVIEW	DESCRIPTION
N/A	A	J.H.	DRAWN BY - ABERCROMBIE 7-1-91 CHECKER - HYDE 7-10-91 ENGINEER - PALMER APPROVED -



ROOF DRAIN PLAN

SCALE: 3/16"=1'-0"

LEGEND
RD-----RAIN DRAIN

PART CODE	LOS ALAMOS NATIONAL LABORATORY	
SHEET 3 / ISSUE A	TITLE (UNC) TITLE CLASSIFICATION ROOF DRAIN PLAN TA-16-305	
PART CLASSIFICATION UNCLASSIFIED		
ENGLISH (FT/IN)	DRAWING CLASSIFICATION UNCLASSIFIED	SIZE D / DRAWING NUMBER 13Y-192097
THIRD ANGLE PROJECTION	09-05-91 12:03 / FSCM 88516 / SCALE / SHEET 3 OF -	
	STATUS / ORIGIN LA-ICEMPLUS-V2.03	

4 UNCLASSIFIED | 3 UNCLASSIFIED | 2 UNCLASSIFIED | 1 UNCLASSIFIED

PART OR CONTROL NUMBER	ISS	CLASS REVIEW	REVISIONS DESCRIPTION
N/A	A	LS	DRAWN BY - ABERCROMBIE 6-27-91 CHECKER - HYDE 7-10-91 ENGINEER - PALMER APPROVED -

BLDG OUTFALL NO	BLDG ROOM NO	DRAIN NO	POTENTIAL EFFLUENT
BOF1	SUMP1	SPD1 PLUGGED	PLASTICS, OIL-H, RESIN, H2O-W
BOF1	SUMP2	SPD2 PLUGGED	PLASTICS, OIL-H, RESIN, H2O-W; EWD, H2O-I
BOF2	105	STD1	WATER, POSSIBILITY OF EFFLUENTS LISTED FOR ALL DRAINS
BOF4	ROOF	RD1	H2O-R
BOF4	ROOF	RD2	H2O-R
BOF3	103	1FD2	H2O-I, DETERGENT
BOF3	104	1FD3	H2O-I, DETERGENT
BOF3	105	1FD1	FE-3, FREON, CHEM-C, H2O-T, H2O-W
BOF3	105	EQD3	NOT IN USE, PLUGGED
BOF3	105	1FD4	PTW-1, OIL-H, H2O-T; DTE-25, H2O-T, H2O-W
BOF3	105	EQD1	PV-1, OIL, H2O-T
BOF3	105	EQD2	PV-2, OIL, H2O-T
BOF3	105	1FD5	PC-1, OIL, CONDENSATE, H2O-T; PC-2, OIL, CONDENSATE, H2O-T; TV-1, He, H2O-F, H2O-T; TCS-1, H2O-T

PART CODE	LOS ALAMOS NATIONAL LABORATORY	
SHEET 4 / ISSUE A	TITLE (UNCL TITLE CLASSIFICATION) DRAIN SCHEDULE TA-16-305	
PART CLASSIFICATION UNCLASSIFIED		
ENGLISH (FT/IN)	DRAWING CLASSIFICATION UNCLASSIFIED	SIZE C / DRAWING NUMBER 13Y-192097
THIRD ANGLE PROJECTION	09-05-91 11:52 / FSCM 88516 / SCALE 1/1	SHEET 4 OF -
STATUS	ORIGIN LA-ICEMPLUS-V2.03	

BUILDING WAS DYE TESTED ON 9-12-90

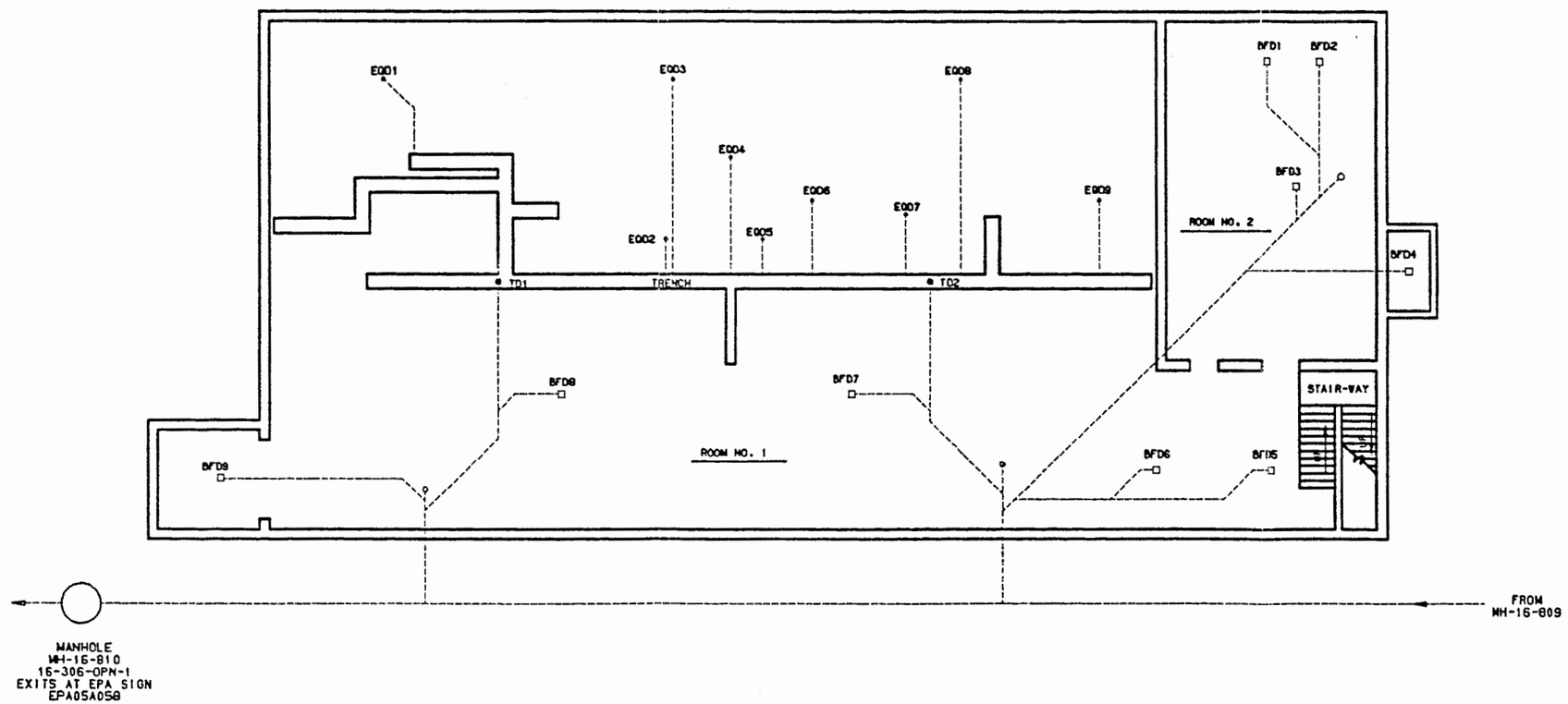
PART OR CONTROL NUMBER	REVISIONS		
	ISS	CLASS REVIEW	DESCRIPTION
N/A	A	J.H.	DRAWN BY - ABERCROMBIE CHECKER - HYDE 7-10-91 ENGINEER - PALMER APPROVED - BARR

TA-16-306
INDEX SHEET

13Y-192092 SHT 1----SITE DRAINAGE PLAN
13Y-192098 SHT 2----FIRST FLOOR PLUMBING DRAIN PLAN
13Y-192098 SHT 3----BASEMENT PLUMBING DRAIN PLAN
13Y-192098 SHT 4----ROOF PLAN
13Y-192098 SHT 5----POTENTIAL EFFULENT
13Y-192098 SHT 6----ELECTRICAL HAZARD ZONES FIRST FLOOR
13Y-192098 SHT 7----ELECTRICAL HAZARD ZONES BASEMENT
13Y-192098 SHT 8----FIRST FLOOR EVAC PLAN
13Y-192098 SHT 9----BASEMENT EVAC PLAN

PART CODE	LOS ALAMOS NATIONAL LABORATORY	
SHEET 0 / ISSUE A	TITLE (U) TITLE CLASSIFICATION TA-16-306 INDEX SHEET	
PART CLASSIFICATION UNCLASSIFIED		
ENGLISH (FT/IN)	DRAWING CLASSIFICATION UNCLASSIFIED	SIZE D / DRAWING NUMBER 13Y-192098
THIRD ANGLE PROJECTION	09-12-91 10:43	FSCM 88516 / SCALE 1/1 / SHEET 0 OF -
	STATUS	ORIGIN LA-ICEMPLUS-V2.03

PART OR CONTROL NUMBER	REVISIONS		
	ISS	CLASS REVIEW	DESCRIPTION
N/A	A	LS	DRAWN BY - ABERCROMBIE 6-21-91 CHECKER - HYDE 7-10-91 ENGINEER - PALMER APPROVED -



BASEMENT DRAIN PLAN

SCALE: 1/8" = 1'-0"

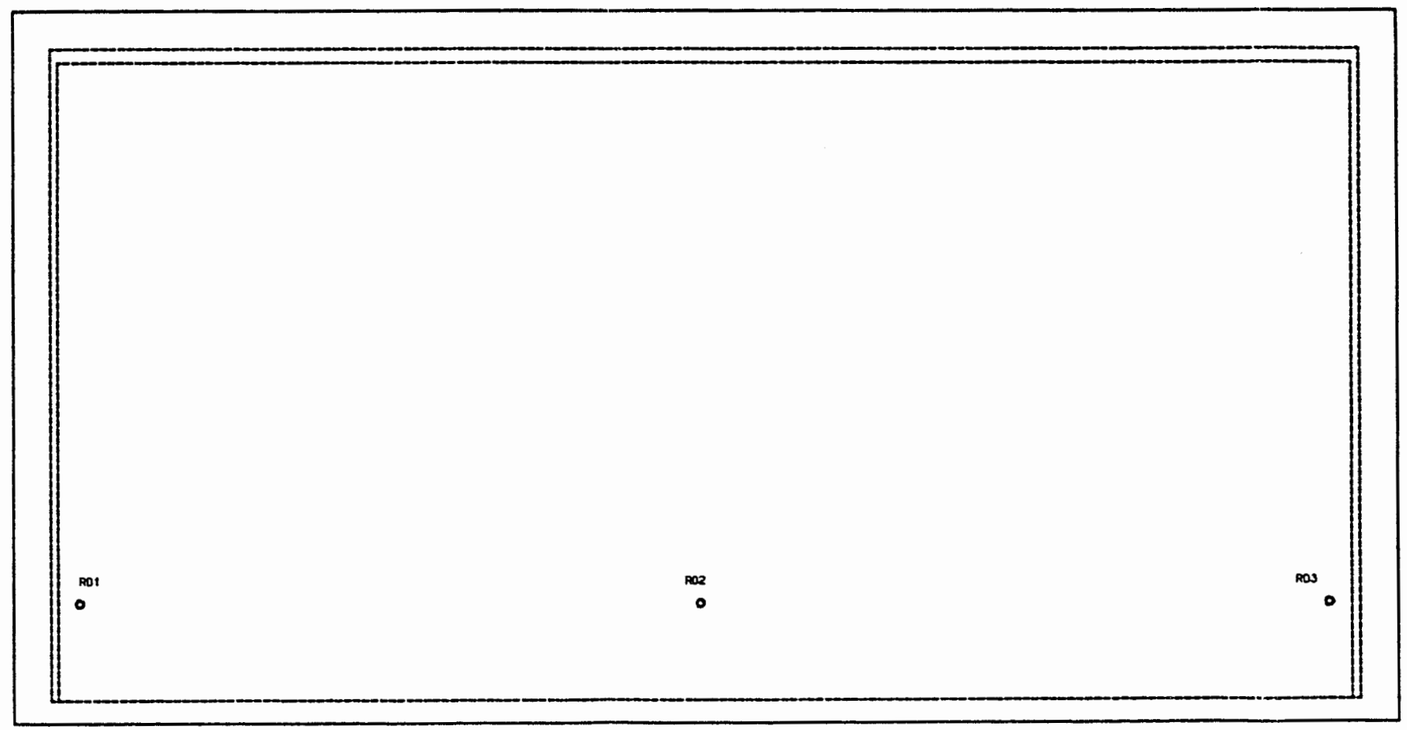
LEGEND

BFD# --- BASEMENT FLOOR DRAIN
EQD# --- EQUIPMENT FLOOR DRAIN
TD# ---- TRENCH DRAINS
OPN ---- OUTFALL PIPE NUMBER

PART CODE	LOS ALAMOS NATIONAL LABORATORY
SHEET 3 / ISSUE A	TITLE (UNC) TITLE CLASSIFICATION: BASEMENT PLUMBING DRAIN PLAN TA-16-306
PART CLASSIFICATION	UNCLASSIFIED
ENGLISH (FT/IN)	DRAWING CLASSIFICATION: UNCLASSIFIED
SIZE D	DRAWING NUMBER: 13Y-192098
THIRD ANGLE PROJECTION	09-12-91 16:27 / FSCM 88516 / SCALE / SHEET 3 OF -
STATUS	ORIGIN LA-ICEMPLUS-V2.03

4 UNCLASSIFIED | 3 UNCLASSIFIED | 2 UNCLASSIFIED | 1 UNCLASSIFIED

PART OR CONTROL NUMBER	ISS	CLASS REVIEW	REVISIONS DESCRIPTION
N/A	A	LS	DRAWN BY - ABERCROMBIE 6-24-91 CHECKER - HYDE 7-10-91 ENGINEER - PALMER APPROVED -



ROOF PLAN

SCALE: 1/8" = 1'-0"

LEGEND

RD ----- RAIN DRAIN

PART CODE	LOS ALAMOS NATIONAL LABORATORY
SHEET 4 / ISSUE A	TITLE (UNC) TITLE CLASSIFICATION: ROOF DRAIN PLAN TA-16-306
PART CLASSIFICATION: UNCLASSIFIED	
ENGLISH (FT/IN)	DRAWING CLASSIFICATION: UNCLASSIFIED
	SIZE D / DRAWING NUMBER: 13Y-192098
THIRD ANGLE PROJECTION	08-12-91 16:30 / FSCM 88516 / SCALE / SHEET 4 OF -
STATUS	ORIGIN LA-ICEMPLUS-V2.03

4 UNCLASSIFIED | 3 UNCLASSIFIED | 2 UNCLASSIFIED | 1 UNCLASSIFIED

PART OR CONTROL NUMBER	REVISIONS		
	ISS	CLASS REVIEW	DESCRIPTION
N/A	A	LS	DRAWN BY - ABERCROMBIE 7-2-91 CHECKER - ABERCROMBIE ENGINEER - PALMER APPROVED -

BLDG OUTFALL NO	BLDG ROOM NO	DRAIN NO	POTENTIAL EFFLUENT
16-306-OPH-1	SUMP1	SPD1	PLASTICS, SOLVENTS, RESIN, OIL, H2O-1, H2O-8
16-306-OPH-1	SUMP2	SPD2	METAL CHIPS, PLASTICS, SOLVENTS, RESIN, OIL, H2O-1, H2O-8
616-306-OPH-1	RM 103	1FD11	SOLVENTS, PLASTICS, HO-1, H2O-8
16-306-OPH-1	RM 106	1FD10	H2O-8
16-306-OPH-3	ROOF	RD1	H2O-8
16-306-OPH-3	ROOF	RD2	H2O-8
16-306-OPH-3	ROOF	RD3	H2O-8
16-306-OPH-1	RM 1	EQD1	OIL, H2O-F
16-306-OPH-1	RM 1	EQD2	OIL, H2O-F
16-306-OPH-1	RM 1	EQD3	OIL, H2O-F
16-306-OPH-1	RM 1	EQD4	OIL, H2O-F
16-306-OPH-1	RM 1	EQD5	OIL, H2O-F
16-306-OPH-1	RM 1	EQD6	OIL, H2O-F
16-306-OPH-1	RM 1	EQD7	OIL, H2O-F
16-306-OPH-1	RM 1	EQD8	OIL, H2O-F
16-306-OPH-1	RM 1	EQD9	OIL, H2O-F
16-306-OPH-1	RM 1	BTD1	CONDENSATE, OIL, OIL-HYDRAULIC, OIL-TRANSFORMER, H2O-1, H2O-T, H2O-8
16-306-OPH-1	RM 1	BTD2	CONDENSATE, OIL, OIL-HYDRAULIC, OIL-TRANSFORMER, H2O-1, H2O-T, H2O-8
16-306-OPH-1	RM 1	BFD5	CONDENSATE, OIL, H2O-1, H2O-8
16-306-OPH-1	RM 1	BFD6	CONDENSATE, OIL, H2O-1, H2O-8
16-306-OPH-1	RM 1	BFD7	CONDENSATE, OIL, H2O-1, H2O-8
16-306-OPH-1	RM 1	BFD8	CONDENSATE, OIL, H2O-1, H2O-8
16-306-OPH-1	RM 1	BFD9	H2O-R, H2O-8
16-306-OPH-1	RM 2	BFD1	OIL, H2O-T, H2O-8
16-306-OPH-1	RM 2	BFD2	OIL, H2O-T, H2O-8
16-306-OPH-1	RM 2	BFD3	CHILLER CHEMICALS, CONDENSATE, OIL, H2O-1, H2O-T, H2O-8
16-306-OPH-1	1.IN INTAKE	BFD4	H2O-R, H2O-8
16-306-OPH-2	RM 102	1ED01	H2O-1
16-306-OPH-2	RM 102	1ED02	H2O-1
16-306-OPH-2	RM 102	1S01	H2O-1
16-306-OPH-2	104	T/S	SANITARY WASTE, TOILETS, URINALS AND SINKS
16-306-OPH-2	104	1FD18	H2O-8
16-306-OPH-2	105	T/S	SANITARY WASTE, TOILETS AND SINKS
16-306-OPH-2	105	1FD9	H2O-8
16-306-OPH-2	JAN CL	1S02	DETERGENTS, H2O-1, 20-8
16-306-OPH-2	CYC COR	1FD1	H2O-1, H2O-8
16-306-OPH-2	CYC COR	1FD2	H2O-1, H2O-8
16-306-OPH-2	CYC COR	1FD3	H2O-1, H2O-8
16-306-OPH-2	CYC COR	1FD4	H2O-1, H2O-8
16-306-OPH-2	CYC COR	1FD5	H2O-1, H2O-8
16-306-OPH-2	CYC COR	1FD6	H2O-1, H2O-8
16-306-OPH-2	CYC COR	1FD7	H2O-1, H2O-8
16-306-OPH-2	102 A	1FD12	SOLVENTS, PLASTICS, RESIN, OIL H2O-1, H2O-8
16-306-OPH-2	102 A	1FD13	SOLVENTS, PLASTICS, RESIN, OIL H2O-1, H2O-8
16-306-OPH-2	102 B	1FD14	SOLVENTS, PLASTICS, RESIN, OIL H2O-1, H2O-8
16-306-OPH-2	102 B	1FD15	SOLVENTS, PLASTICS, RESIN, OIL H2O-1, H2O-8
16-306-OPH-2	102 C	1FD16	SOLVENTS, PLASTICS, RESIN, OIL H2O-1, H2O-8
16-306-OPH-2	102 C	1FD17	SOLVENTS, PLASTICS, RESIN, OIL H2O-1, H2O-8

LEGEND

1FD#----FIRST FLOOR DRAIN
BFD#----BASEMENT FLOOR DRAIN
BTD#----BASEMENT TRENCH DRAIN
EQD#----EQUIPMENT DRAIN
EWD#----EYE WASH DRAIN
RD#-----RAIN DRAIN
SD#-----SINK DRAIN
SPD#----SUMP PIT DRAIN

PART CODE: LOS ALAMOS NATIONAL LABORATORY
SHEET 5 | ISSUE A
PART CLASSIFICATION: UNCLASSIFIED
TITLE: (UNCL TITLE CLASSIFICATION) DRAIN SCHEDULE TA-16-306
ENGLISH (FT/IN)
DRAWING CLASSIFICATION: UNCLASSIFIED
SIZE D | DRAWING NUMBER 13Y-192098
THIRD ANGLE PROJECTION
09-15-91 16:55 | FSCM 88516 | SCALE 1/1 | SHEET 5 OF -
STATUS | ORIGIN LA-ICEMPLUS-V2.03

4 UNCLASSIFIED | 3 UNCLASSIFIED | 2 UNCLASSIFIED | 1 UNCLASSIFIED

BUILDING WAS DYE TESTED ON 8-24-90

PART OR CONTROL NUMBER	REVISIONS		
	ISS	CLASS REVIEW	DESCRIPTION
N/A	A	LS	DRAWN BY - ABERCROMBIE CHECKER - HYDE 7-10-91 ENGINEER - PALMER APPROVED -

TA-16-307
INDEX SHEET

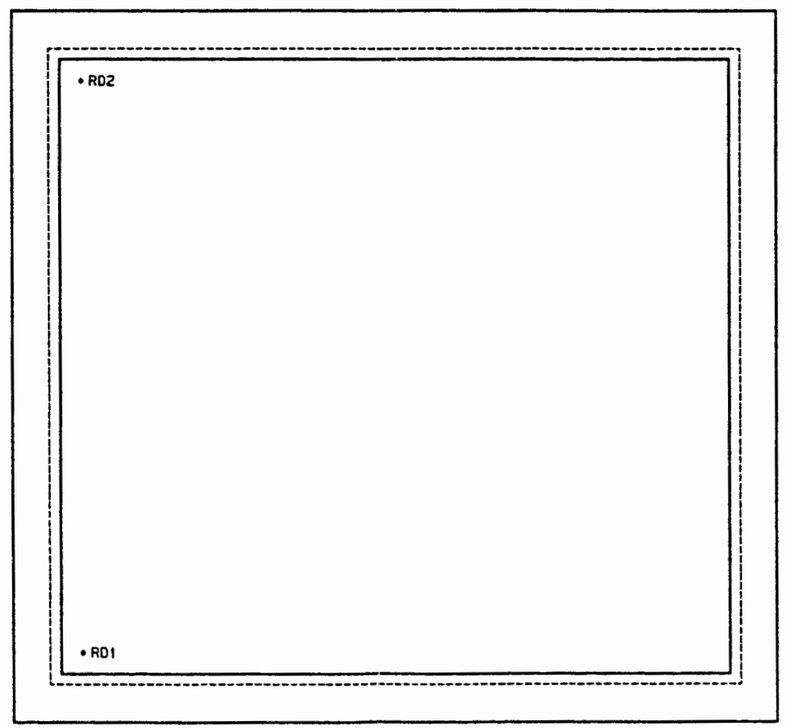
13Y-192092 SHT 1----SITE DRAINAGE PLAN
13Y-192099 SHT 2----FIRST FLOOR PLUMBING DRAIN PLAN
13Y-192099 SHT 3----ROOF PLAN
13Y-192099 SHT 4----POTENTIAL EFFLUENTS
13Y-192099 SHT 5----FIRST FLOOR ELECTRICAL HAZARD PLAN
13Y-192099 SHT 6----FIRST FLOOR EVAC PLAN

PART CODE	LOS ALAMOS NATIONAL LABORATORY	
SHEET 0 / ISSUE A	TITLE (U) TITLE CLASSIFICATION INDEX SHEET TA-16-307	
PART CLASSIFICATION UNCLASSIFIED		
ENGLISH (FT/IN)	DRAWING CLASSIFICATION UNCLASSIFIED	SIZE D / DRAWING NUMBER 13Y-192099
THIRD ANGLE PROJECTION	09-05-91 12:08 / FSCM 88516 / SCALE 1/1 / SHEET 0 OF -	
	STATUS / ORIGIN LA-ICEMPLUS-V2.03	

4 UNCLASSIFIED | 3 UNCLASSIFIED | 2 UNCLASSIFIED | 1 UNCLASSIFIED

4 UNCLASSIFIED | 3 UNCLASSIFIED | 2 UNCLASSIFIED | 1 UNCLASSIFIED

PART OR CONTROL NUMBER	REVISIONS		
	ISS	CLASS REVIEW	DESCRIPTION
NA	A	JH	DRAWN BY - ABERCROMBIE 7-1-91 CHECKER - HYDE 7-10-91 ENGINEER - PALMER APPROVED -



ROOF DRAIN PLAN
SCALE: 3/16"=1'

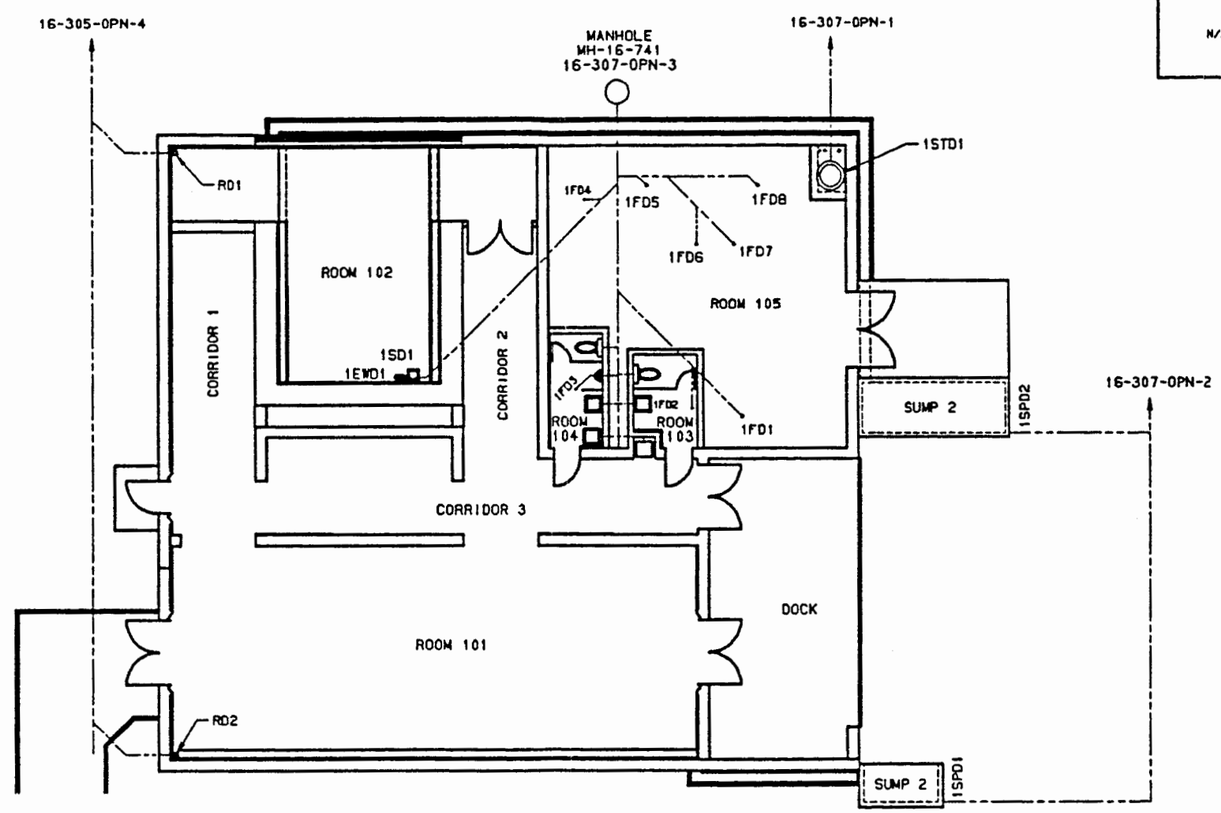
LEGEND
RD-----RAIN DRAIN

PART CODE	LOS ALAMOS NATIONAL LABORATORY	
SHEET 3 / ISSUE A	TITLE (U) TITLE CLASSIFICATION ROOF DRAIN PLAN TA-16-307	
PART CLASSIFICATION UNCLASSIFIED		
ENGLISH (FT/IN)	DRAWING CLASSIFICATION UNCLASSIFIED	SIZE D / DRAWING NUMBER 13Y-192099
THIRD ANGLE PROJECTION	08-05-91 12:23	FSCM 89516 / SCALE / SHEET 3 OF -
	STATUS	ORIGIN LA-ICEMPLUS-V2.03

4 UNCLASSIFIED | 3 UNCLASSIFIED | 2 UNCLASSIFIED | 1 UNCLASSIFIED

UNCLASSIFIED

PART OR CONTROL NUMBER	REVISIONS		
	ISS	CLASS REVIEW	DESCRIPTION
N/A	A	LS	DRAWN BY - ABERCROMBIE 7-1-91 CHECKER - HYDE 7-10-91 ENGINEER - PALMER APPROVED -



FIRST FLOOR
SCALE 3/16" = 1'-0"

LEGEND
1FD#------FLOOR DRAIN
1SPD#-----SUMP DRAIN
1STD#-----STEAM DRAIN
1EWD#-----EYE WASH DRAIN
1SD#------SINK DRAIN
RD--------ROOF DRAIN
OPN-------OUTFALL PIPE NUMBER

PART CODE	LOS ALAMOS NATIONAL LABORATORY	
SHEET 2 / ISSUE A	TITLE (UNC) TITLE CLASSIFICATION FIRST FLOOR PLUMBING AND DRAIN PLAN TA-16-307	
PART CLASSIFICATION UNCLASSIFIED		
ENGLISH (FT/IN)	DRAWING CLASSIFICATION UNCLASSIFIED	SIZE D / DRAWING NUMBER 13Y-192099
THIRD ANGLE PROJECTION	93-05-91 12:15	FSCM 88516 / SCALE / SHEET 2 OF -
STATUS	ORIGIN LA-ICEMPLUS-V2.03	

UNCLASSIFIED

PART OR CONTROL NUMBER	REVISIONS ISS	CLASS REVIEW	DESCRIPTION
N/A	A	LS	DRAWN BY - ABERCROMBIE 7-1-91 CHECKER - HYDE 7-10-91 ENGINEER - PALMER APPROVED -

BLDG OUTFALL NO	BLDG ROOM NO	DRAIN NO	POTENTIAL EFFLUENT
16-307-OPN-1	SUMP1	SPD1 PLUGGED	ECH, CHEM-C, He, CONDENSATE, FREON, OIL-H, H2O-I, H2O-T, H2O-W
16-307-OPN-1	SUMP2	SPD2 PLUGGED	CONDENSATE, He, OIL-H, H2O-I, H2O-T, H2O-W
16-307-OPN-2	105	STD1	CONDENSATE, H2O-W, POSSIBILITY OF ALL EFFLUENTS LISTED FOR OTHER DRAINS
16-307-OPN-4	ROOF	RD1	H2O-R
16-307-OPN-4	ROOF	RD2	H2O-R
16-307-OPN-3	103	1FD2	H2O-I, DETERGENT
16-307-OPN-3	104	1FD3	H2O-I, DETERGENT
16-307-OPN-3	105	1FD1	FE-3, FREON, CHEM-C, H2O-T, H2O-W
16-307-OPN-3		1FD4	NOT IN USE, PLUGGED
16-307-OPN-3	105	1FD5	PTW-1, OIL-H, H2O-T; DTE-25, H2O-T, H2O-W
16-307-OPN-3	105	1FD6	PV-1, OIL, H2O-T, H2O-W
16-307-OPN-3	105	1FD7	PV-2, OIL, H2O-T, H2O-W
16-307-OPN-3	105	1FD8	PC-1, OIL, CONDENSATE, H2O-T; PC-2, OIL, CONDENSATE, H2O-T; TV-1, H2O-T; TCS-1, H2O-T

PART CODE: LOS ALAMOS NATIONAL LABORATORY

SHEET 4 | ISSUE A

PART CLASSIFICATION: UNCLASSIFIED

TITLE (UNC) TITLE CLASSIFICATION

DRAIN SCHEDULE
TA-16-307

ENGLISH (FT/IN)

DRAWING CLASSIFICATION: UNCLASSIFIED

SIZE C | DRAWING NUMBER 13Y-192099

THIRD ANGLE PROJECTION

09-05-91 12:31 | FSCM 88516 | SCALE 1/1 | SHEET 4 OF -

STATUS | ORIGIN LA-ICEMPLUS-V2.03

BUILDING WAS FIELD CHECKED ON 10-11-90.
DYE TESTING COULD NOT BE PERFORMED DUE TO
TO LACK OF A WATER SOURCE. THE OUTFALL
LOCATIONS COULD NOT BE FIELD VERTIFIED.

PART OR CONTROL NUMBER	REVISIONS		
	ISS	CLASS REVIEW	DESCRIPTION
N/A	A	J.H.	DRAWN BY - ABERCROMBIE CHECKER - HYDE 7-10-91 ENGINEER - PALMER APPROVED - BARR

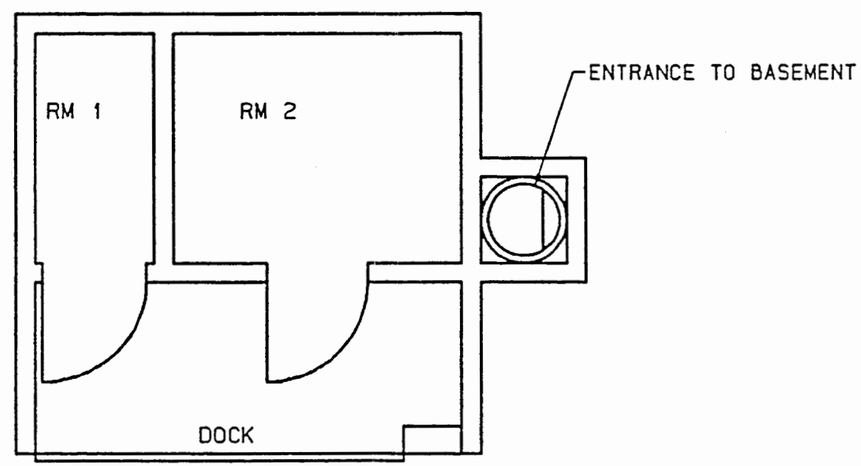
TA-16-308
INDEX SHEET

13Y-192092 SHT 1----SITE DRAINAGE PLAN
13Y-192100 SHT 2----FIRST FLOOR PLAN
13Y-192100 SHT 3----BASEMENT PLUMBING DRAIN PLAN
13Y-192100 SHT 4----ROOF PLAN
13Y-192100 SHT 5----POTENTIAL EFFULENT
13Y-192100 SHT 6----ELECTRICAL HAZARD ZONES FIRST FLOOR
13Y-192100 SHT 7----ELECTRICAL HAZARD ZONES BASEMENT
13Y-192100 SHT 8----FIRST FLOOR EVAC PLAN
13Y-192100 SHT 9----BASEMENT EVAC PLAN

PART CODE	LOS ALAMOS NATIONAL LABORATORY	
SHEET 0 / ISSUE A	TITLE (U) TITLE CLASSIFICATION INDEX SHEET TA-16-308	
PART CLASSIFICATION UNCLASSIFIED		
ENGLISH (FT/IN)	DRAWING CLASSIFICATION UNCLASSIFIED	SIZE D / DRAWING NUMBER 13Y-192100
THIRD ANGLE PROJECTION	09-18-91 11:28	FSCM 08516 SCALE 1/1 SHEET 0 OF -
	STATUS	ORIGIN LA-ICEMPLUS-V2.03

UNCLASSIFIED

PART OR CONTROL NUMBER	REVISIONS		
	ISS	CLASS REVIEW	DESCRIPTION
N/A	A	LS	DRAWN BY - ABERCROMBIE 7-3-91 CHECKER - HYDE 7-10-91 ENGINEER - PALMER APPROVED -



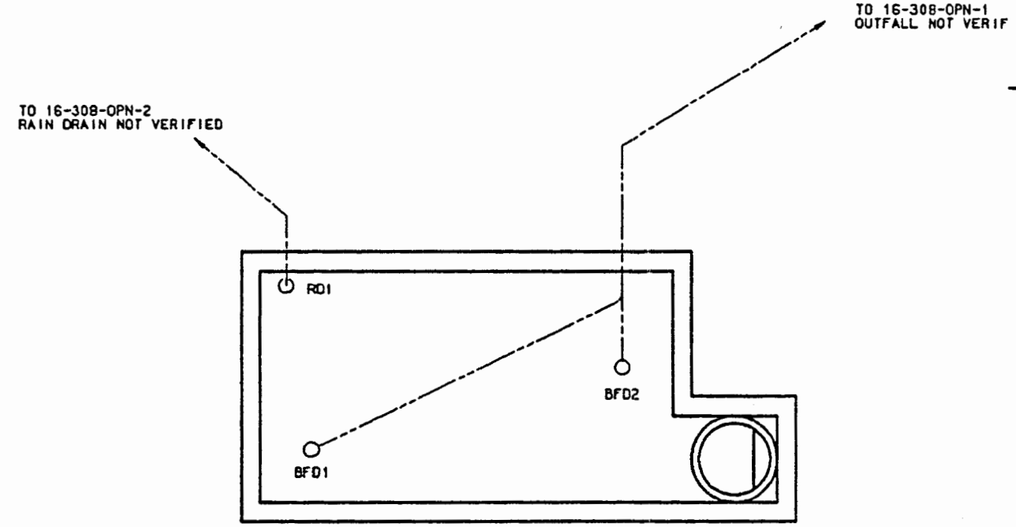
FIRST FLOOR

PART CODE	LOS ALAMOS NATIONAL LABORATORY	
SHEET 2 / ISSUE A	TITLE (UNC) TITLE CLASSIFICATION FIRST FLOOR PLAN TA-16-308	
PART CLASSIFICATION UNCLASSIFIED		
ENGLISH	DRAWING CLASSIFICATION UNCLASSIFIED	SIZE D / DRAWING NUMBER 13Y-192100
THIRD ANGLE PROJECTION	09-13-91 11:55	FSCM 88516 / SCALE / SHEET 2 OF -
	STATUS	ORIGIN LA-ICEMPLUS-V2.03

UNCLASSIFIED

4 UNCLASSIFIED 3 UNCLASSIFIED SSIFIED 1 UNCLASSIFIED

PART OR CONTROL NUMBER	REVISIONS		
	ISS	CLASS REVIEW	DESCRIPTION
N/A	A	LS	DRAWN BY - ABERCROMBIE 7-3-91 CHECKER - HYDE 7-10-91 ENGINEER - D. PALMER APPROVED -



BASEMENT

LEGEND

BFD#----BASEMENT FLOOR DRAIN
RD#-----RAIN DRAIN
OPN-----OUTFALL PIPE NUMBER

PART CODE	LOS ALAMOS NATIONAL LABORATORY
SHEET 3 / ISSUE A	TITLE (UNCL TITLE CLASSIFICATION) BASEMENT PLUMBING AND DRAIN PLAN TA-16-308
PART CLASSIFICATION	UNCLASSIFIED
DRAWING CLASSIFICATION	UNCLASSIFIED
SIZE D	DRAWING NUMBER 13Y-192100
06-15-91 11:49	FSCM 88516 SCALE SHEET 3 OF -
STATUS	ORIGIN LA-ICEMPLUS-V2.03

(FT/IN)

4 UNCLASSIFIED 3 UNCLASSIFIED IFIED 1 UNCLASSIFIED

UNCLASSIFIED 4 | 3 | 2 | 1 UNCLASSIFIED

PART OR CONTROL NUMBER	REVISIONS		
	ISS	CLASS REVIEW	DESCRIPTION
N/A	A	LS	DRAWN BY - ABERCROMBIE 10-15-90 CHECKER - HYDE 7-10-91 ENGINEER - PALMER 10-15-90 APPROVED -

OUTFALLS COULD NOT BE VERIFIED.
OUTFALLS WERE NOT VISUALLY LOCATED.
DRAINS COULD NOT BE TESTED SINCE THERE
IS NOT ANY WATER AVAILABLE.

BLDG OUTFALL NO	BLDG ROOM NO	DRAIN NO	POTENTIAL EFFLUENT
16-308-OPN-1	BASEMENT	BFD1	CONDENSATE, H20-T, OIL
16-308-OPN-1	BASEMENT	BFD2	CONDENSATE, H20-T, OIL
16-308-OPN-2	ROOF	RD1	RAIN WATER

PART CODE	LOS ALAMOS NATIONAL LABORATORY	
SHEET 5 / ISSUE A	TITLE (UNC) TITLE CLASSIFICATION DRAIN SCHEDULE TA-16-308	
PART CLASSIFICATION UNCLASSIFIED		
ENGLISH (FT/IN)	DRAWING CLASSIFICATION UNCLASSIFIED	SIZE C / DRAWING NUMBER 13Y-192100
THIRD ANGLE PROJECTION	09-15-91 12:01	FSCM 88516 / SCALE 1/1 / SHEET 5 OF -
	STATUS	ORIGIN LA-ICEMPLUS-V2.03

UNCLASSIFIED 4 | 3 | 2 | 1 UNCLASSIFIED

BUILDING REQUIRES DYE TESTING

PART OR CONTROL NUMBER	REVISIONS ISS	CLASS REVIEW	DESCRIPTION
N/A	A	LS	DRAWN BY - ABERCROMBIE CHECKER - HYDE 7-10-91 ENGINEER - PALMER APPROVED -

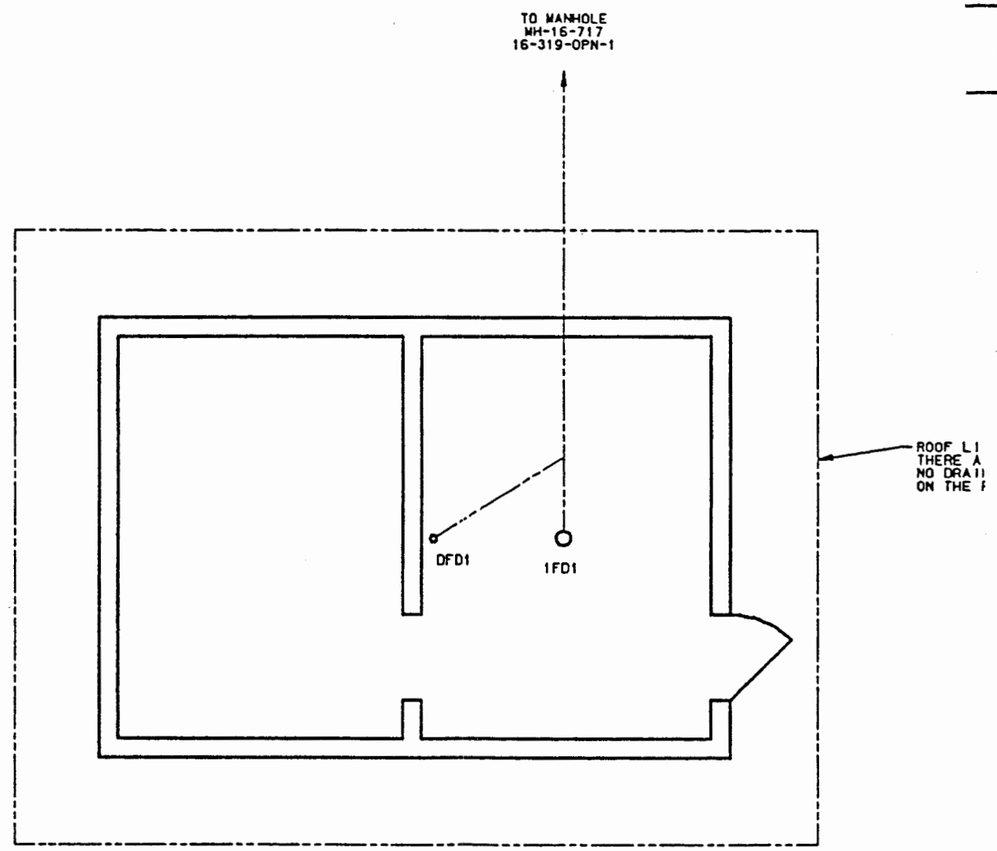
TA-16-319
INDEX SHEET

13Y-192092 SHT 1----SITE DRAINAGE PLAN
13Y-192120 SHT 2----FIRST FLOOR PLUMBING DRAIN PLAN
13Y-192120 SHT 3----POTENTIAL EFFLUENTS
13Y-192120 SHT 4----FIRST FLOOR EVAC PLAN

PART CODE	LOS ALAMOS NATIONAL LABORATORY	
SHEET 0 / ISSUE A	TITLE (U) TITLE CLASSIFICATION INDEX SHEET TA-16-319	
PART CLASSIFICATION UNCLASSIFIED		
ENGLISH (FT/IN)	DRAWING CLASSIFICATION UNCLASSIFIED	SIZE D / DRAWING NUMBER 13Y-192120
THIRD ANGLE PROJECTION	95-10-01 14:06	FSCM 88516 / SCALE 1/1 / SHEET 0 OF -
STATUS	ORIGIN LA-ICEMPLUS-V2.03	

4 UNCLASSIFIED 3 UNCLASSIFIED SIFIED 1 UNCLASSIFIED

PART OR CONTROL NUMBER	REVISIONS		
	ISS	CLASS REVIEW	DESCRIPTION
N/A	A	LS	DRAWN BY - ABERCROMBIE 7-9-91 CHECKER - HYDE 7-10-91 ENGINEER - PALMER APPROVED -



LEGEND

1FD1----FIRST FLOOR DRAIN
DFD1----DRINKING FOUNTAIN DRAIN
OPN-----OUTFALL PIPE NUMBER

(FT/IN)

PART CODE	LOS ALAMOS NATIONAL LABORATORY
SHEET 2 / ISSUE A	TITLE (UNC) TITLE CLASSIFICATION FIRST FLOOR PLUMBING AND DRAIN PLAN TA-16-319
PART CLASSIFICATION UNCLASSIFIED	
DRAWING CLASSIFICATION UNCLASSIFIED	SIZE D / DRAWING NUMBER 13Y-192120
09-18-91 14:09	FSCM 88516 / SCALE / SHEET 2 OF -
STATUS	ORIGIN LA-ICEMPLUS-V2.03

4 UNCLASSIFIED 3 UNCLASSIFIED 2 FIED 1 UNCLASSIFIED

UNCLASSIFIED

REVISIONS		
CLASS REVIEW	DESCRIPTION	
LS	DRAWN BY	ABERCROMBIE 10-15-90
	CHECKER	HYDE 7-10-91
	ENGINEER	PALMER 10-15-90
	APPROVED	

BLDG OUTFALL NO	BLDG ROOM NO	DRAIN NO	POTENTIAL EFFLUENT
16-319-OPN-1	100	1FD1	H20-W
16-319-OPN-1	100	DFD2	H20-I

LOS ALAMOS NATIONAL LABORATORY

TITLE (UNC) TITLE CLASSIFICATION

DRAIN SCHEDULE
TA-16-319

ASSIFICATION
ASSIFIED

ASSIFICATION
ASSIFIED

ENGLISH (F

THIRD ANGLE PROJECTION

14:02

SIZE C | DRAWING NUMBER 13Y-192120

FSCM 88516 | SCALE 1/1 | SHEET 3 OF -

ORIGIN LA-ICEMPLUS-V2.03

UNCLASSIFIED

DYE STUDY REPORT FOR BUILDINGS
16-300, 16-301, 16-302, 16-303, 16-304,
16-305, 16-306, 16-307, 16-308, AND 16-319
COMPILED BY ENGINEERING AND INFORMATION RESOURCES (WX-12)

BUILDING 300--Dye studied on September 11, 1990

DRAIN No	DRAIN LOCATION	END OF PIPE
1FD6	Service Corridor	sanitary sewer
1FD8	RM 104	sanitary sewer
1FD9	RM 105	sanitary sewer
1FD17	Bay 102C	sump #2
1FD11	RM 103	sump #1
TD1	Basement Trench	EPA outfall 05A058
BFD3	Basement RM #2	EPA outfall 05A058
RD2	Roof Drain	EPA outfall 05A058

BUILDING 301--Dye studied on August 23, 1990

DRAIN No	DRAIN LOCATION	END OF PIPE
SPD1	Sump #1	16-301-OPN-1
SPD2	Sump #2	16-301-OPN-1
STD1	Steam pit RM 105	16-301-OPN-2
1FD1	RM 105	sanitary sewer
1FD3	RM 105	sanitary sewer
RD1	Roof Drain	16-301-OPN-4

BUILDING 302--Dye studied on September 9, 1990

DRAIN No	DRAIN LOCATION	END OF PIPE
1FD6	Service Corridor	sanitary sewer
1FD8	RM 104	sanitary sewer
1FD9	RM 105	sanitary sewer
1FD17	Bay 102C	sump #2 discharges at EPA05A058
1FD11	RM 103	sump #1 discharges at EPA05A058
TD1	Basement Trench	EPA outfall 05A058
BFD3	Basement RM #2	EPA outfall 05A058
RD2	Roof Drain	EPA outfall 05A058

BUILDING 303--Dye studied on August 23, 1990

DRAIN No	DRAIN LOCATION	END OF PIPE
SPD1	Sump #1	16-303-OPN-1
SPD2	Sump #2	16-303-OPN-1
STD1	Steam pit RM 105	16-303-OPN-2
1FD1	RM 105	sanitary sewer
1FD3	RM 105	sanitary sewer
RD1	Roof Drain	16-303-OPN-4

BUILDING 304--Dye studied on September 12, 1990

DRAIN No	DRAIN LOCATION	END OF PIPE
1FD6	Service Corridor	sanitary sewer
1FD8	RM 104	sanitary sewer
1FD9	RM 105	sanitary sewer
1FD17	Bay 102C	sump #2 discharges at EPA05A058
1FD11	RM 103	sump #1 discharges at EPA05A058
TD1	Basement Trench	EPA outfall 05A058
BFD3	Basement RM #2	EPA outfall 05A058
RD2	Roof Drain	EPA outfall 05A058

BUILDING 305--Dye studied on August 24, 1990

DRAIN No	DRAIN LOCATION	END OF PIPE
SPD1	Sump #1	16-305-OPN-1
SPD2	Sump #2	16-305-OPN-1
STD1	Steam pit RM 105	16-305-OPN-2
1FD1	RM 105	sanitary sewer
1FD3	RM 105	sanitary sewer
RD1	Roof Drain	16-305-OPN-4

BUILDING 306--Dye studied on September 12, 1990

DRAIN No	DRAIN LOCATION	END OF PIPE
1FD6	Service Corridor	sanitary sewer
1FD8	RM 104	sanitary sewer
1FD9	RM 105	sanitary sewer
1FD17	Bay 102C	sump #2 discharges at EPA05A058
1FD11	RM 103	sump #1 discharges at EPA05A058
TD1	Basement Trench	EPA outfall 05A058
BFD3	Basement RM #2	EPA outfall 05A058
RD2	Roof Drain	EPA outfall 05A058

BUILDING 307--Dye studied on August 24, 1990

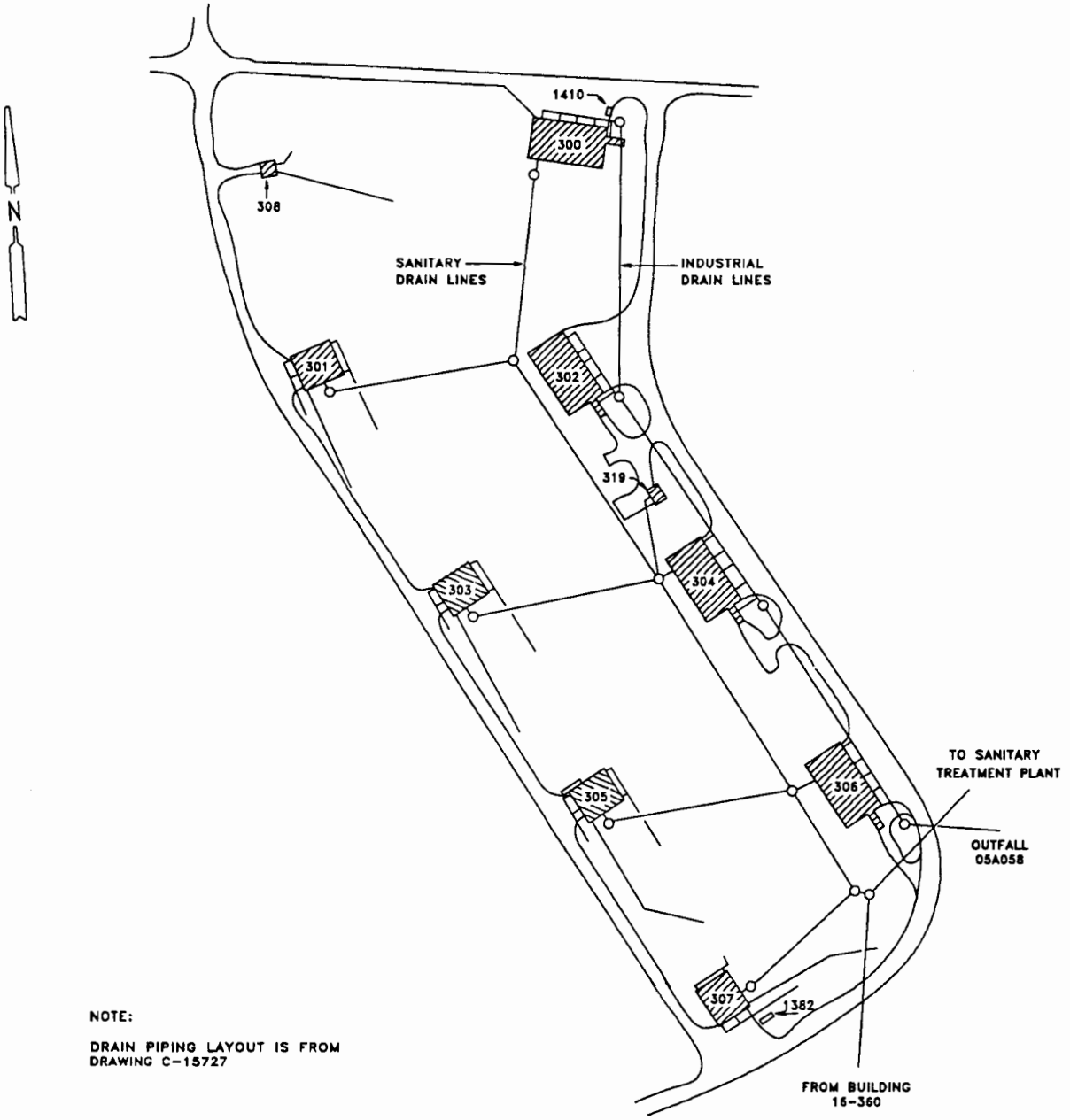
DRAIN No	DRAIN LOCATION	END OF PIPE
SPD1	Sump #1	16-307-OPN-1
SPD2	Sump #2	16-307-OPN-1
STD1	Steam pit RM 105	16-307-OPN-2
1FD1	RM 105	sanitary sewer
1FD3	RM 105	sanitary sewer
RD1	Roof Drain	16-307-OPN-4

BUILDING 308--Dye studied on October 11, 1990

DRAIN No	DRAIN LOCATION	END OF PIPE
BFD1	Basement	16-308-OPN-1 Not Located

BUILDING 319--Dye studied on March 6, 1991

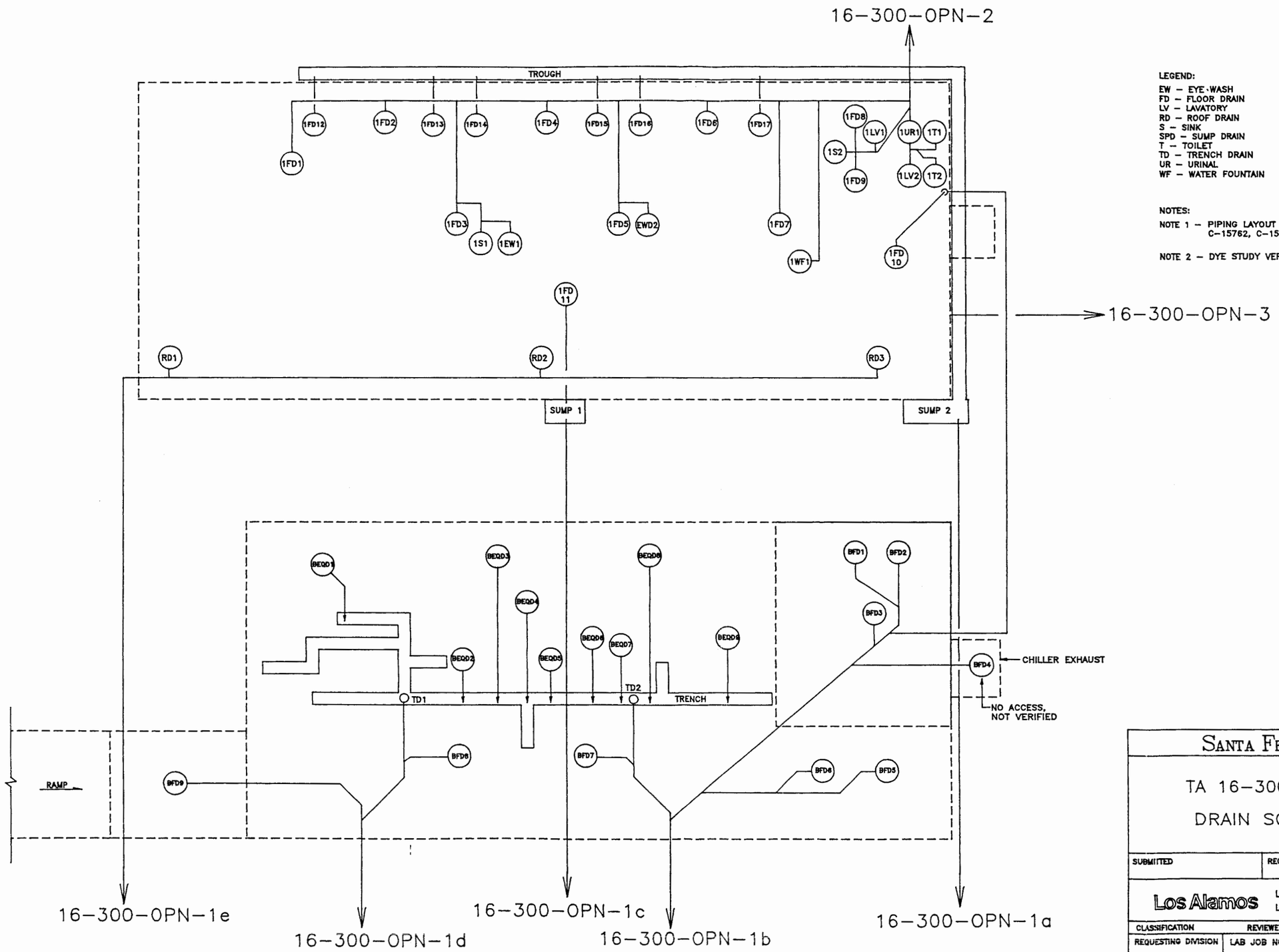
DRAIN No	DRAIN LOCATION	END OF PIPE
1FD1	RM 100	sanitary sewer



NOTE:

DRAIN PIPING LAYOUT IS FROM DRAWING C-15727

SANTA FE ENGINEERING, LTD.		
TA-16-300 BUILDING COMPLEX	DRAWN	MSC
	DESIGN	MSC
	CHECKED	PEB
	DATE	3/16/92
SUBMITTED	RECOMMENDED	APPROVED
Los Alamos	Los Alamos National Laboratory, Los Alamos, New Mexico 87545	SHEET / OF
CLASSIFICATION	REVIEWER	DATE
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO. / REV.
REQUESTING GROUP	11056-2	FIGURE 1



LEGEND:

EW – EYE-WASH
FD – FLOOR DRAIN
LV – LAVATORY
RD – ROOF DRAIN
S – SINK
SPD – SUMP DRAIN
T – TOILET
TD – TRENCH DRAIN
UR – URINAL
WF – WATER FOUNTAIN

NOTES:

NOTE 1 – PIPING LAYOUT FROM DRAWINGS C15730, C-15762, C-15763, C-15764 & C-15765

NOTE 2 – DYE STUDY VERIFICATION BY WX-12

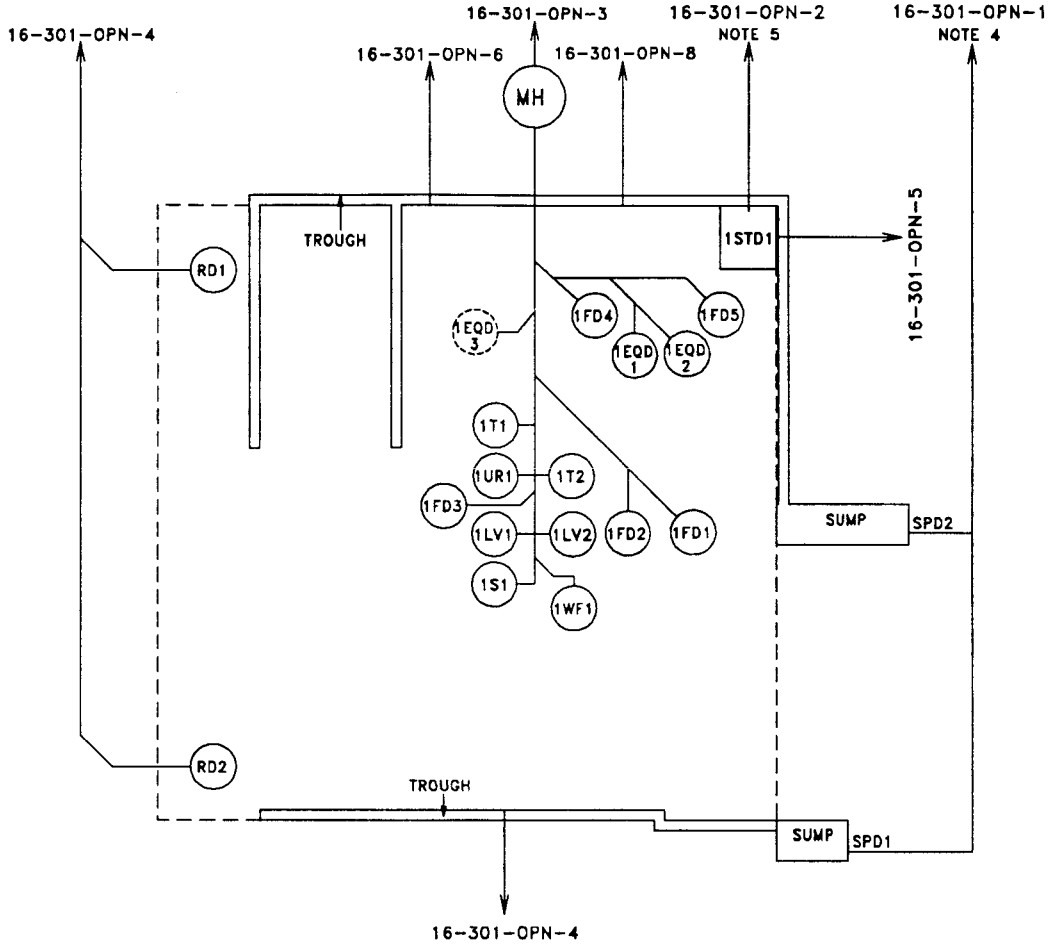
SANTA FE ENGINEERING, LTD.		
TA 16-300 BUILDING DRAIN SCHEMATIC	DRAWN	MSC
	DESIGN	MSC
	CHECKED	PEB
	DATE	3/16/92

SUBMITTED	RECOMMENDED	APPROVED

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

CLASSIFICATION	REVIEWER	DATE

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



LEGEND:

EW - EYE WASH
FD - FLOOR DRAIN
LV - LAVATORY
RD - ROOF DRAIN
S - SINK
SPD - SUMP DRAIN
STD - STEAM TRAP DRAIN
T - TOILET
UR - URINAL
WF - WATER FOUNTAIN

NOTES:

NOTE 1 - PIPING LAYOUT FROM DRAWINGS: ENG-C15756 & 15775

NOTE 2 - ACTUAL PIPING DETERMINED FROM DRAWINGS, AS NOTED, WX-12 DYE VERIFICATION, AND SITE INSPECTION.

NOTE 3 - DASHED CIRCLE INDICATES DRAIN HAS BEEN PLUGGED.

NOTE 4 - DISCHARGE TO SWALE ALONG ROAD . PLUGGED SINCE SITE VISIT, PER MIKE BARR, WX-3.

NOTE 5 - END OF PIPE NOT FOUND.

SANTA FE ENGINEERING, LTD.

TA 16-301
BUILDING DRAIN SCHEMATIC

DRAWN	MSC
DESIGN	MSC
CHECKED	PEB
DATE	3/16/92

SUBMITTED | RECOMMENDED | APPROVED

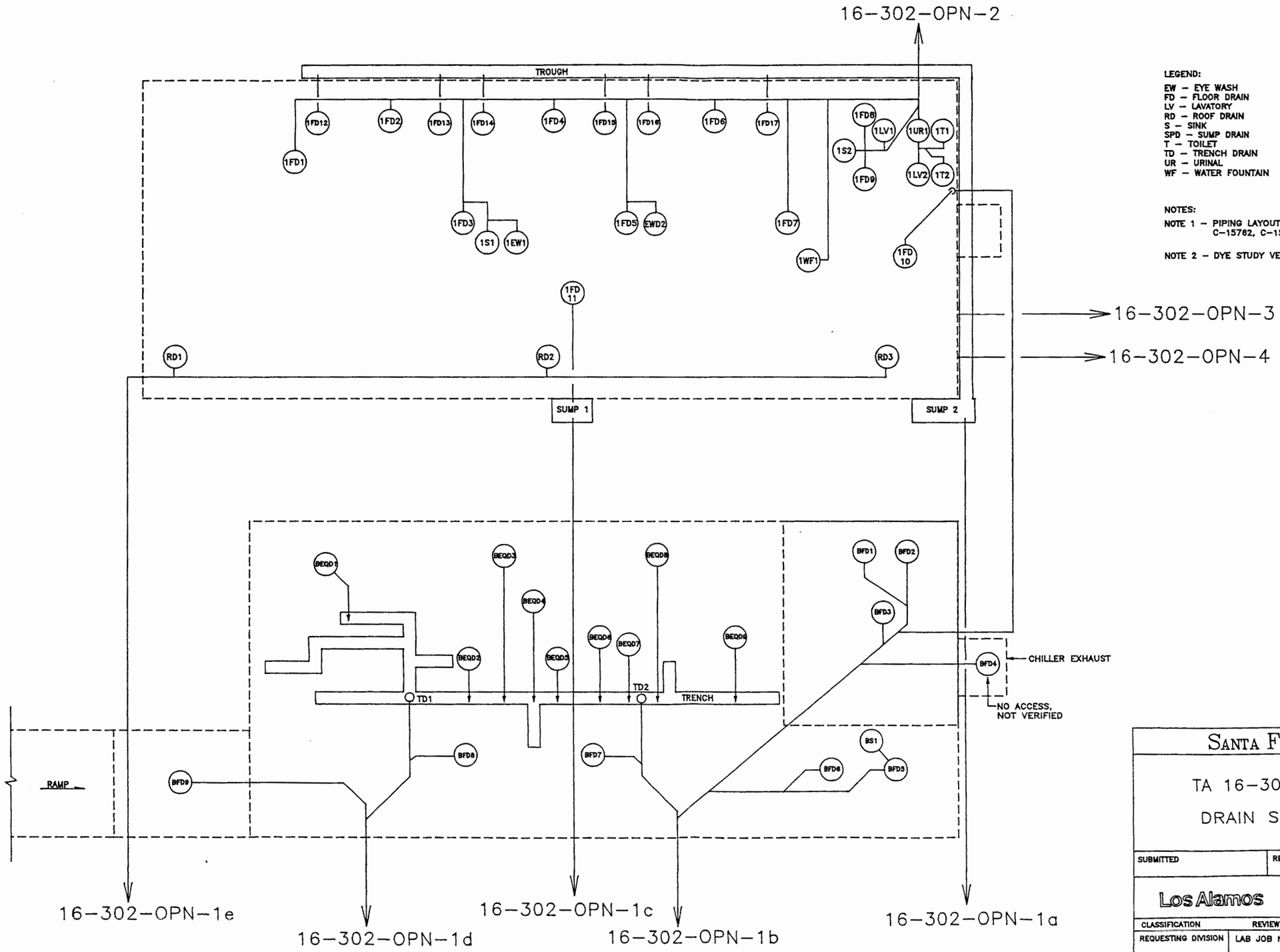
Los Alamos
Los Alamos National Laboratory
Los Alamos, New Mexico 87545

SHEET / OF

CLASSIFICATION | REVIEWER | DATE

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

REQUESTING GROUP | 11056-2 | FIGURE 3



LEGEND:

EW – EYE WASH
FD – FLOOR DRAIN
LV – LAVATORY
RD – ROOF DRAIN
S – SINK
SPD – SUMP DRAIN
T – TOILET
TD – TRENCH DRAIN
UR – URINAL
WF – WATER FOUNTAIN

NOTES:

NOTE 1 – PIPING LAYOUT FROM DRAWINGS C15730, C-15762, C-15763, C-15764 & C-15765

NOTE 2 – DYE STUDY VERIFICATION BY WX-12

SANTA FE ENGINEERING, LTD.

TA 16-302 BUILDING
DRAIN SCHEMATIC

DRAWN	MSC
DESIGN	MSC
CHECKED	PEB
DATE	3/17/92

SUBMITTED | RECOMMENDED | APPROVED

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

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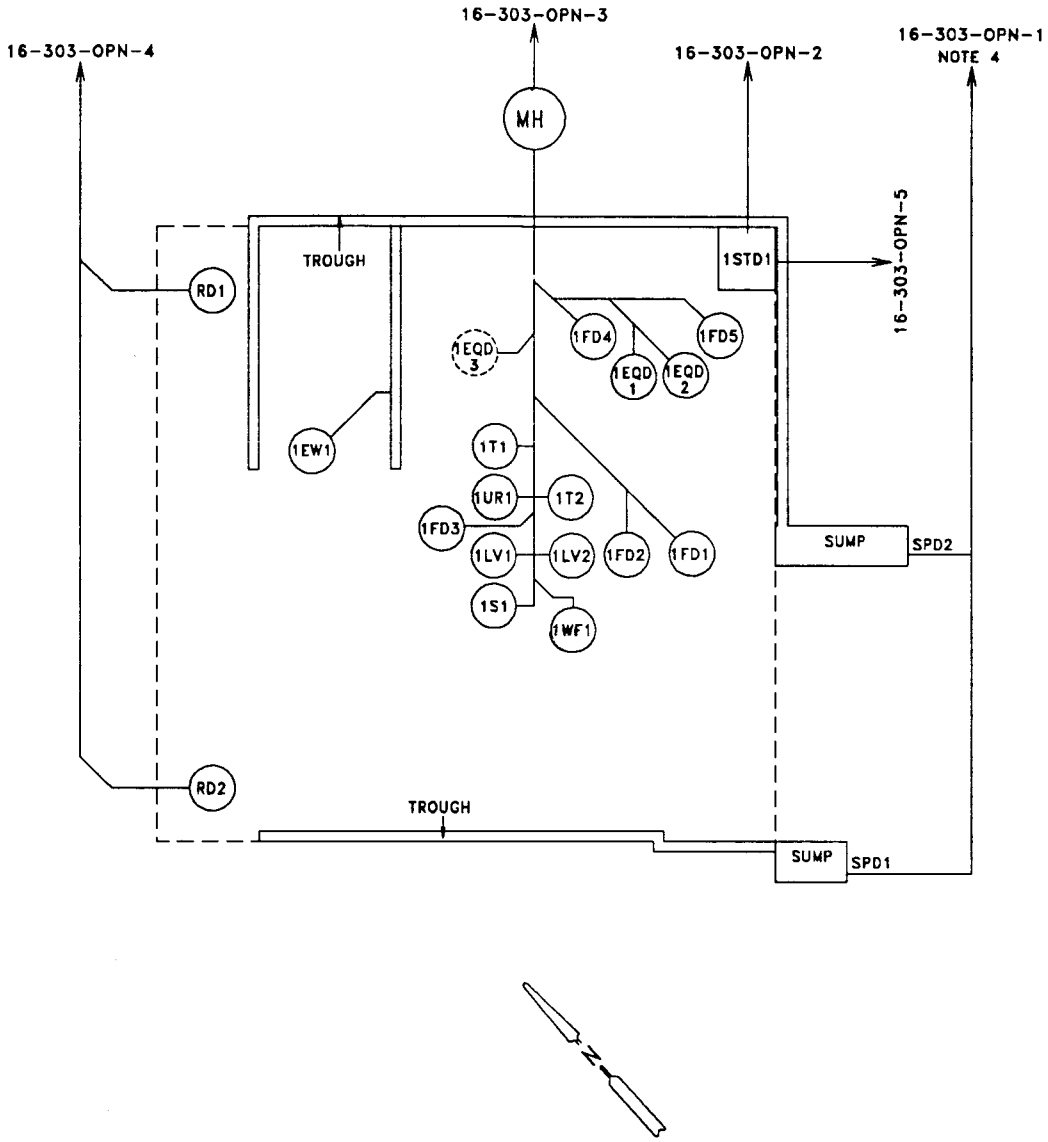
CLASSIFICATION | REVIEWER | DATE

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

REQUESTING GROUP | 11056-2 | FIGURE 4



LEGEND:

EW - EYE WASH
FD - FLOOR DRAIN
LV - LAVATORY
RD - ROOF DRAIN
S - SINK
SPD - SUMP DRAIN
STD - STEAM TRAP DRAIN
T - TOILET
UR - URINAL
WF - WATER FOUNTAIN

NOTES:

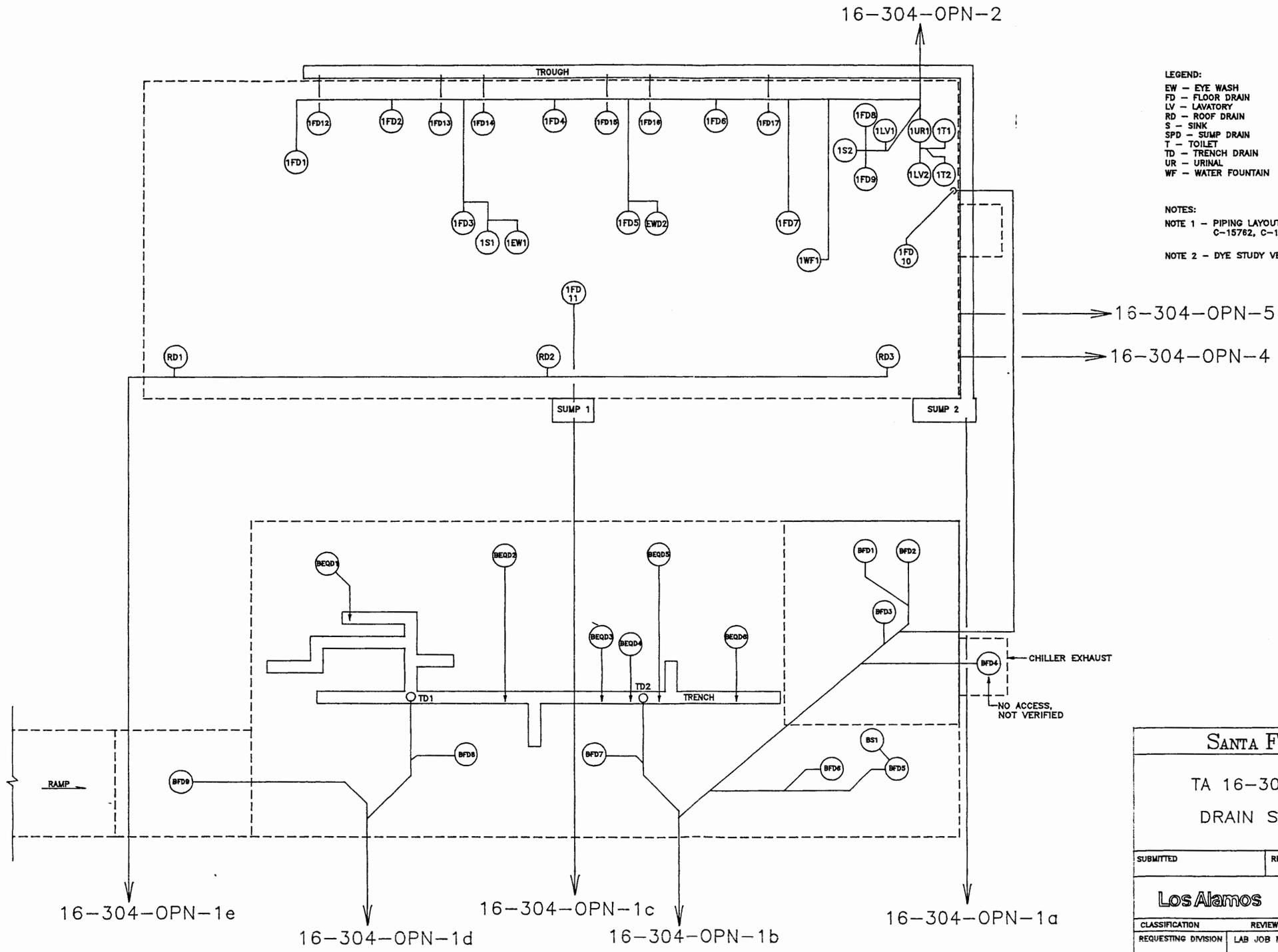
NOTE 1 - PIPING LAYOUT FROM DRAWINGS: ENG-C15756 & 15775

NOTE 2 - ACTUAL PIPING DETERMINED FROM DRAWINGS, AS NOTED, WX-12 DYE VERIFICATION, AND SITE INSPECTION.

NOTE 3 - DASHED CIRCLE INDICATES DRAIN HAS BEEN PLUGGED.

NOTE 4 - DISCHARGE TO SWALE ALONG ROAD . PLUGGED SINCE SITE VISIT, PER MIKE BARR, WX-3.

SANTA FE ENGINEERING, LTD.		
TA 16-303 BUILDING DRAIN SCHEMATIC	DRAWN	MSC
	DESIGN	MSC
	CHECKED	PEB
	DATE	3/17/92
SUBMITTED	RECOMMENDED	APPROVED
Los Alamos	Los Alamos National Laboratory Los Alamos, New Mexico 87545	SHEET / OF
CLASSIFICATION	REVIEWER	DATE
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO. / REV.
REQUESTING GROUP	11056-2	FIGURE 5



LEGEND:

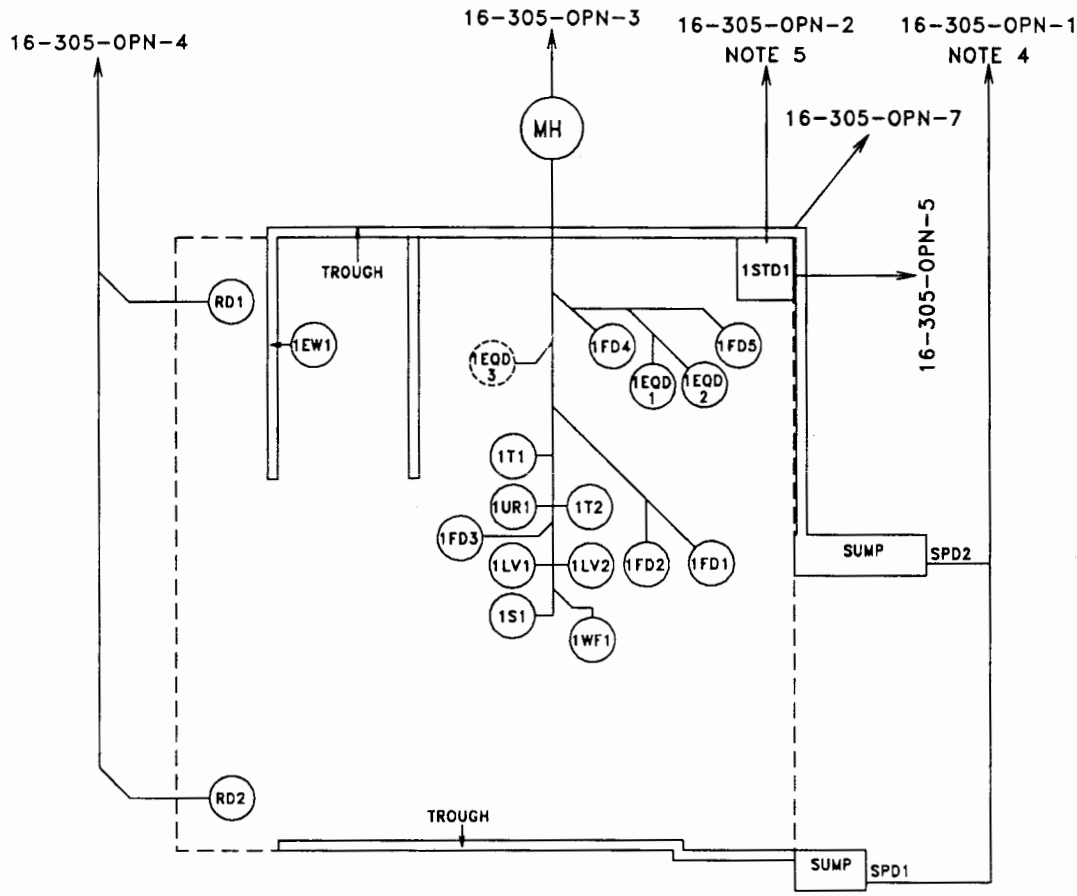
EW – EYE WASH
FD – FLOOR DRAIN
LV – LAVATORY
RD – ROOF DRAIN
S – SINK
SPD – SUMP DRAIN
T – TOILET
TD – TRENCH DRAIN
UR – URINAL
WF – WATER FOUNTAIN

NOTES:

NOTE 1 – PIPING LAYOUT FROM DRAWINGS C15730, C-15762, C-15763, C-15764 & C-15765

NOTE 2 – DYE STUDY VERIFICATION BY WX-12

SANTA FE ENGINEERING, LTD.			
TA 16-304 BUILDING DRAIN SCHEMATIC		DRAWN	MSC
		DESIGN	MSC
		CHECKED	PEB
		DATE	3/17/92
SUBMITTED	RECOMMENDED	APPROVED	
Los Alamos	Los Alamos National Laboratory, Los Alamos, New Mexico 87545	SHEET	OF
CLASSIFICATION	REVIEWER	DATE	
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP	11056-2	FIGURE 6	



LEGEND:

EW - EYE WASH
FD - FLOOR DRAIN
LV - LAVATORY
RD - ROOF DRAIN
S - SINK
SPD - SUMP DRAIN
STD - STEAM TRAP DRAIN
T - TOILET
UR - URINAL
WF - WATER FOUNTAIN

NOTES:

NOTE 1 - PIPING LAYOUT FROM DRAWINGS: ENG-C15756 & 15775

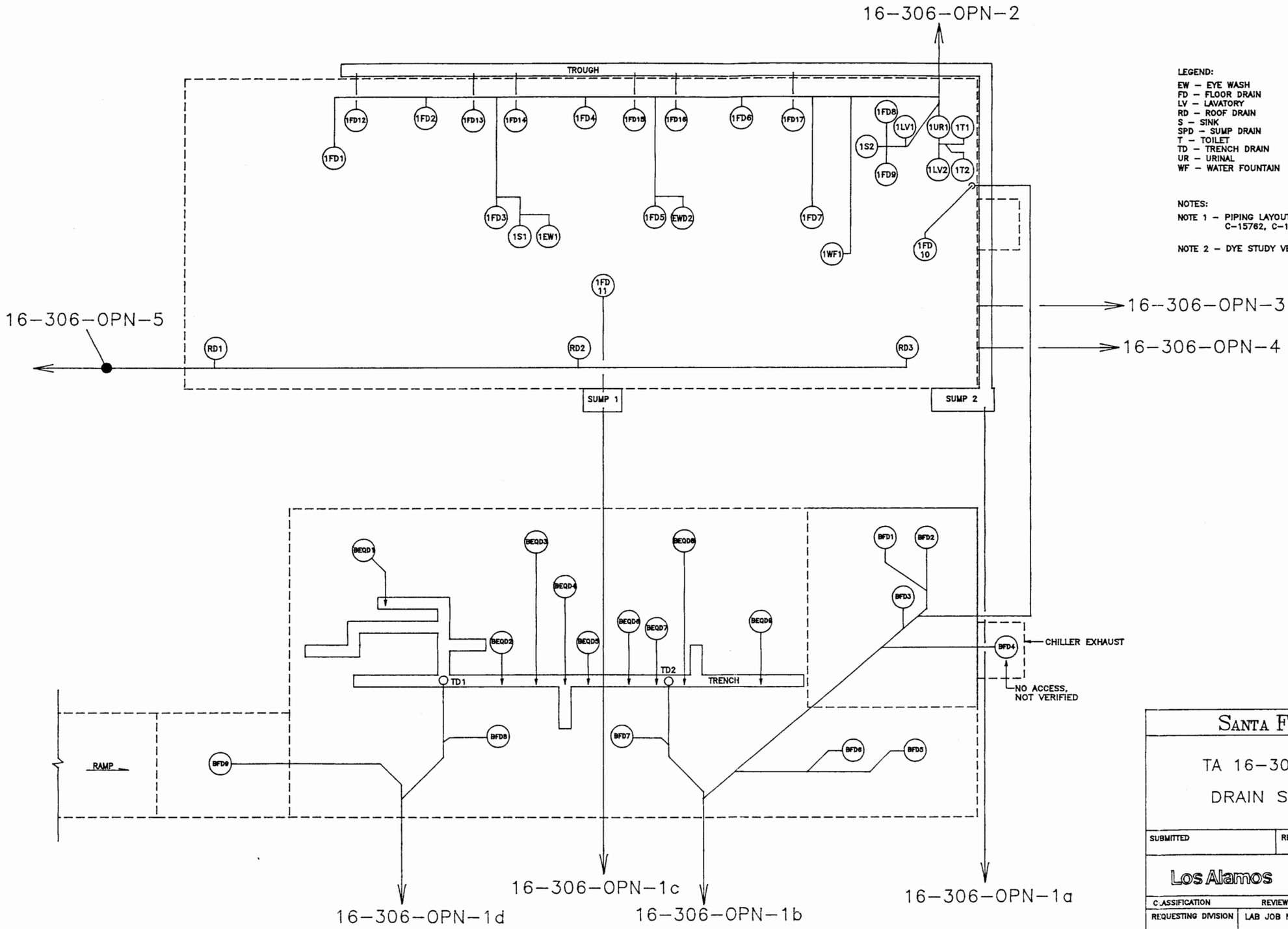
NOTE 2 - ACTUAL PIPING DETERMINED FROM DRAWINGS, AS NOTED, WX-12 DYE VERIFICATION, AND SITE INSPECTION.

NOTE 3 - DASHED CIRCLE INDICATES DRAIN HAS BEEN PLUGGED.

NOTE 4 - DISCHARGE TO SWALE ALONG ROAD . PLUGGED SINCE SITE VISIT, PER MIKE BARR, WX-3.

NOTE 5 - END OF PIPE NOT FOUND.

SANTA FE ENGINEERING, LTD.		
TA 16-305 BUILDING DRAIN SCHEMATIC	DRAWN	MSC
	DESIGN	MSC
	CHECKED	PEB
	DATE	3/17/92
SUBMITTED	RECOMMENDED	APPROVED
Los Alamos	Los Alamos National Laboratory, Los Alamos, New Mexico 87545	SHEET OF
CLASSIFICATION	REVIEWER	DATE
REQUESTING DIVISION / REQUESTING GROUP	LAB JOB NO. 11056-2	DRAWING NO. FIGURE 7 / REV.



LEGEND:

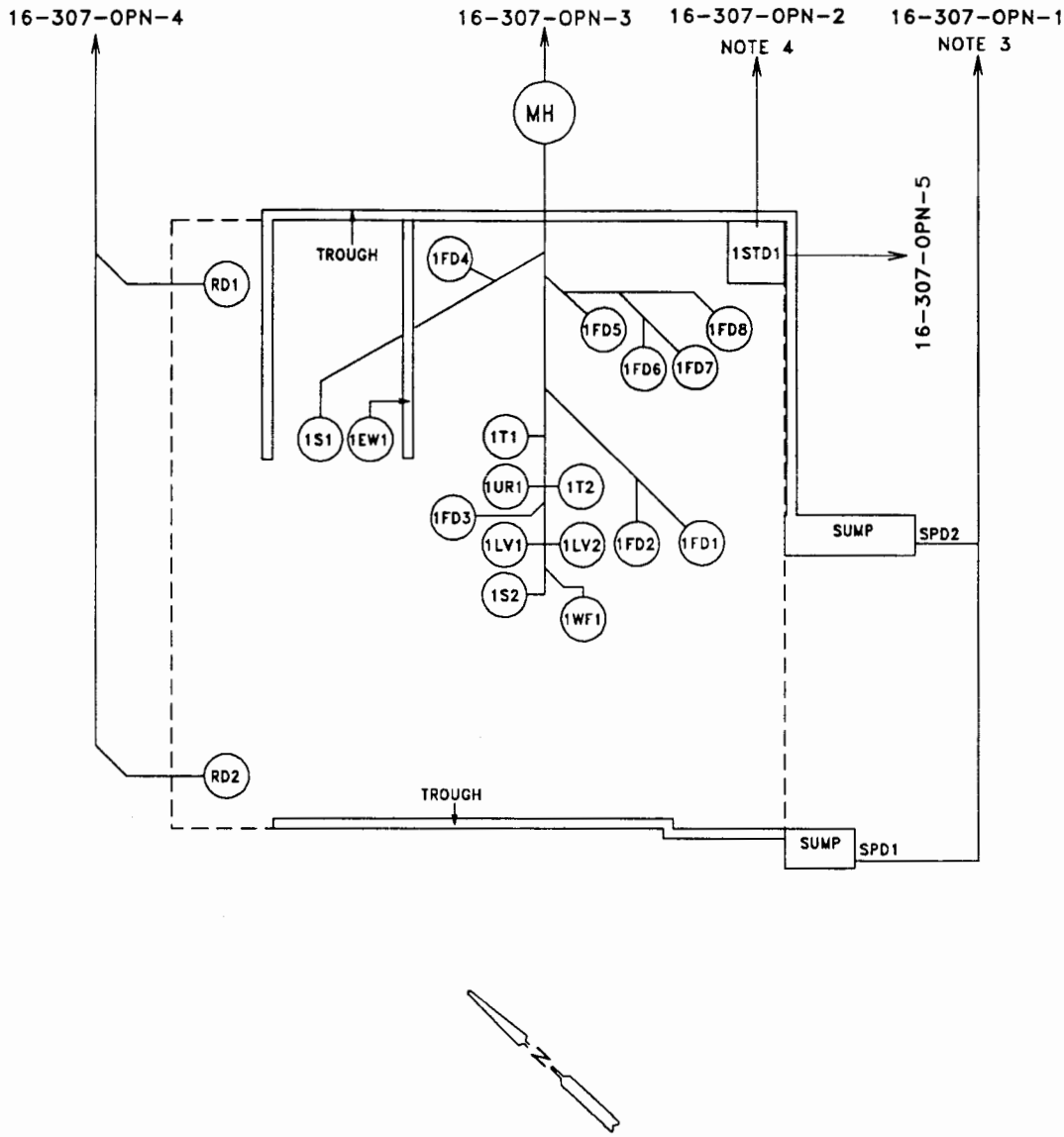
EW – EYE WASH
FD – FLOOR DRAIN
LV – LAVATORY
RD – ROOF DRAIN
S – SINK
SPD – SUMP DRAIN
T – TOILET
TD – TRENCH DRAIN
UR – URINAL
WF – WATER FOUNTAIN

NOTES:

NOTE 1 – PIPING LAYOUT FROM DRAWINGS C15730, C-15762, C-15763, C-15764 & C-15765

NOTE 2 – DYE STUDY VERIFICATION BY WX-12

SANTA FE ENGINEERING, LTD.		
TA 16-306 BUILDING DRAIN SCHEMATIC	DRAWN	MSC
	DESIGN	MSC
	CHECKED	PEB
	DATE	3/17/92
SUBMITTED	RECOMMENDED	APPROVED
Los Alamos — Los Alamos National Laboratory, Los Alamos, New Mexico 87545	SHEET	OF
CLASSIFICATION	REVIEWER	DATE
REQUESTING DIVISION / REQUESTING GROUP	LAB JOB NO. 11056-2	DRAWING NO. FIGURE 8 / REV.



LEGEND:

EW - EYE WASH
FD - FLOOR DRAIN
LV - LAVATORY
RD - ROOF DRAIN
S - SINK
SPD - SUMP DRAIN
STD - STEAM TRAP DRAIN
T - TOILET
UR - URINAL
WF - WATER FOUNTAIN

NOTES:

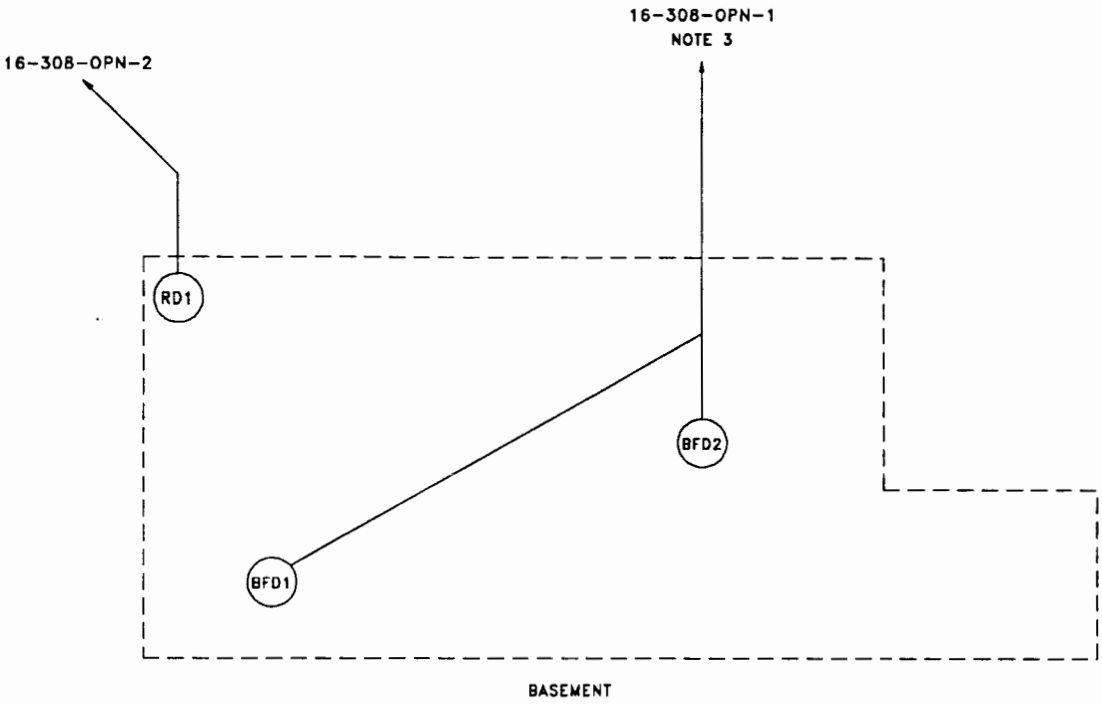
NOTE 1 - PIPING LAYOUT FROM DRAWINGS: ENG-C15756 & 15775

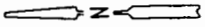
NOTE 2 - ACTUAL PIPING DETERMINED FROM DRAWINGS, AS NOTED, WX-12 DYE VERIFICATION, AND SITE INSPECTION.

NOTE 3 - DISCHARGE TO SWALE ALONG ROAD . PLUGGED SINCE SITE VISIT, PER MIKE BARR, WX-3.

NOTE 4 - END OF PIPE NOT FOUND.

SANTA FE ENGINEERING, LTD.			
TA 16-307 BUILDING DRAIN SCHEMATIC		DRAWN	MSC
		DESIGN	MSC
		CHECKED	PEB
		DATE	3/17/92
SUBMITTED	RECOMMENDED	APPROVED	
Los Alamos	Los Alamos National Laboratory Los Alamos, New Mexico 87545	SHEET	OF
CLASSIFICATION	REVIEWER	DATE	
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP	11056-2	FIGURE 9	





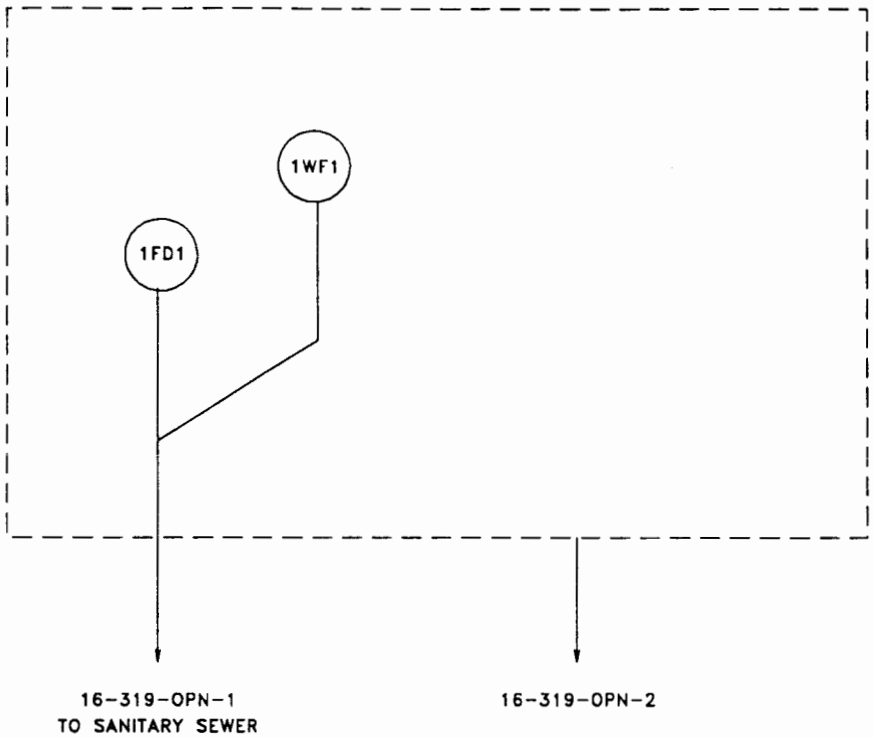
LEGEND:
FD – FLOOR DRAIN
RD – ROOF DRAIN

NOTES:
NOTE 1 – PIPING LAYOUT FROM DRAWING ENG-C15774.

NOTE 2 – ACTUAL PIPING DETERMINED FROM DRAWINGS, AS NOTED, WX-12 DYE VERIFICATION, AND SITE INSPECTION.

NOTE 3 – END OF PIPE NOT FOUND.

SANTA FE ENGINEERING, LTD.			
TA 16-308 BUILDING DRAIN SCHEMATIC		DRAWN	MSC
		DESIGN	MSC
		CHECKED	PEB
		DATE	3/17/92
SUBMITTED	RECOMMENDED	APPROVED	
Los Alamos	Los Alamos National Laboratory Los Alamos, New Mexico 87545	SHEET	OF
CLASSIFICATION	REVIEWER	DATE	
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP	11056-2	FIGURE 10	



LEGEND:

FD - FLOOR DRAIN
WF - WATER FOUNTAIN

NOTES:

NOTE 1 - PIPING DETERMINED FROM SITE VISIT

SANTA FE ENGINEERING, LTD.			
TA 16-319 BUILDING DRAIN SCHEMATIC		DRAWN	MSC
		DESIGN	MSC
		CHECKED	PEB
		DATE	3/17/92
SUBMITTED	RECOMMENDED	APPROVED	
Los Alamos	Los Alamos National Laboratory Los Alamos, New Mexico 87545	SHEET	OF
CLASSIFICATION	REVIEWER	DATE	
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP	11056-2	FIGURE 11	