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TITLE: FINAL RADIOLOGICAL SURVEY REPORT FOR BUILDING T363

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ABSTRACT

During removal of stored equipment from Bay 4 of Building T363, instrument surveys indicated the presence of some radioactive (beta) contamination. This was confirmed by a more extensive radiological survey of T363, performed in April 1993. That survey showed fixed contamination, limited to Bay 4, on the floors and walls, and on horizontal surfaces of pipes and light fixtures. Gross beta measurements and gamma spectrometry results were consistent with contamination by Cs-137, apparently equal amounts of Sr-90, and small amounts of low-enrichment uranium. Subsequently, in 1995 a decontamination effort was undertaken to remove residual radioactive contamination from Bay 4. After the decontamination effort was completed, a comprehensive final survey of the facility was performed, in July 1995, to demonstrate compliance with requirements for release for unrestricted use.

Results of this survey are presented in this report. The results demonstrate that Building T363 meets the requirements of the State of California, the NRC, and the DOE, for release for unrestricted use.

1. INTRODUCTION

Decontamination and decommissioning (D&D) of a number of formerly used nuclear facilities and sites is underway at Rockwell International's Santa Susana Field Laboratory (SSFL). During D&D of these facilities, efforts are made to eliminate or reduce residual radioactive contamination to levels that are as low as reasonably achievable (ALARA). Upon completion of D&D, radiological surveys are performed under established protocols to demonstrate that any remaining radioactivity does not exceed applicable regulatory limits. Findings from the surveys are also used to guide additional D&D or radiological investigations, as needed. The scope of these surveys includes both known and suspected areas of contamination for Building T363.

In April 1992 some fixed beta contamination was found in Bay 4 of Building T363. A more detailed radiological survey of Building T363 was performed in April 1993 confirming the presence of contamination in Bay 4. A radiological assessment report (Reference 1) and D&D plan (Reference 2) for the building, were prepared in May 1995. The D&D work was conducted following procedures given in Reference 3. Following the D&D work, a final release survey was performed using the procedure given in Reference 4.

This report is organized as follows: Section 2 gives a summary of the results of the survey and the conclusions and recommendations; Section 3 gives background information concerning past radiological status, D&D efforts, and current radiological status; Section 4 presents the survey results and the technical approach used in the data collection, analysis, and limit criteria; Section 5 gives the relevant references; and Appendices A, B and C provide the supporting documentation and calculations for historical records and report completeness.

2. SUMMARY AND CONCLUSIONS

Survey measurements were made for alpha and beta surface contamination on the interior walls, floors, and ceilings in Building T363, and for ambient gamma exposure rate at 1 meter above the interior floors. Measurements were also taken for the concrete slab surrounding Building T363.

For statistical analysis of the data, measurements were subdivided into two lots: Lot 1 was for Bay 4, which was previously determined to contain radioactive contamination and had undergone decontamination; Lot 2 was for the remainder of the building and outside areas, which were expected to have no contamination and where no decontamination effort was required. All measurements were then tested statistically for compliance with acceptable contamination limits for activation products and mixed fission products and for ambient exposure rate. All tests for surface contamination showed that the facility is suitable for release without radiological restrictions.

3. BACKGROUND

3.1 Location

Building T363 is located within Rockwell International's SSFL in the Simi Hills of southeastern Ventura County, California, adjacent to the Los Angeles County line and approximately 29 miles northwest of downtown Los Angeles, directly south of the City of Simi Valley. Location of the SSFL relative to Los Angeles and vicinities is shown in Figure 1. An enlarged map of neighboring SSFL communities is shown in Figure 2. Figure 3 is a plot plan of the western portion of SSFL known as Area IV, and where the Energy Technology Engineering Center (ETEC) complex is located. Building T363 is located in the southern portion of Area IV.

3.2 Topography and Building Characteristics

A plan view of Building T363 is shown in Figure 4. The T363 structure is composed of four work bays placed side by side, a rest room and several small utility rooms located at the east end. Each bay has double-door access at both the front and back ends of the room. Concrete walls separated the bays to either side with no direct access from one bay to the other. The utility rooms each have their own access from the outside. The north and south walls are sheet metal with partial covering wall panels on the inside wall surfaces. The roof of the building is made up of composition panels with asphalt base topping. The building is located on a concrete foundation, which extends around the building to form a perimeter walkway and loading dock. Each bay occupies approximately 240 sq. feet (14 feet wide by 16 feet deep), with a ceiling height of approximately 10 feet. The building in total occupies approximately 1400 sq. feet.

3.3 Operating History

This building was one of several buildings taken from the original Rocketdyne Division as the then Atomics International operations at the SSFL expanded in 1956-1957. A historical review, summarized in Reference 5, indicates that the building was used for sodium systems, in support of the Sodium Reactor Experiment (SRE), from before 1959 to approximately 1963. During that time, the building was named the "Mechanical Component Development & Counting Building". Since 1963, the building has been used primarily for storage.

3.4 Radiological Assessment

Results from previously conducted radiological surveys revealed that Bay 4 of the building was contaminated with radioactive materials. In April 1992, during the course of removing stored equipment from Bay 4, fixed beta contamination was detected on the floor. A more detailed survey conducted in April 1993 revealed additional radioactive contamination on the west wall and on the overhead horizontal surfaces, such as ducting, piping and light fixtures. Gamma spectrometry results of wall scrapings indicated the presence of Cs-137, low-enrichment uranium (2.75%), and presumed Sr-90 activity. This information and review of past work records suggest that this activity resulted from work being performed on some component containing contaminated sodium from the SRE. The April 1993 survey indicated detectable activity on the floor area ranged from 25,000 to 142,000 dpm beta/100cm² and from hot spots on the west wall ranged from 25,000 to 730,000 dpm beta/100cm². Contamination on overhead horizontal surfaces (piping, ducts, light fixtures, etc.) ranged from 7,300 - 33,000 dpm beta/100cm².

The remainder of Building T363, other than Bay 4, was not surveyed for radiological contamination in April 1993, because process knowledge at that time did not indicate that contaminated materials were worked on or transported into other parts of the building.

3.4.1 Decontamination & Decommissioning

Decontamination of Building T363 was performed, and was completed in July 1995. Surveys of the entire building at that time confirmed that contamination had been limited to Bay 4. It was the intent to decontaminate the building (Bay 4) sufficiently to release the building without any radiological or chemical contamination restrictions so that it can be demolished and removed from the site by conventional methods.



Figure 1. Location of SSFL Relative to Los Angeles and Vicinities



Figure 2. Neighboring SSFL Communities

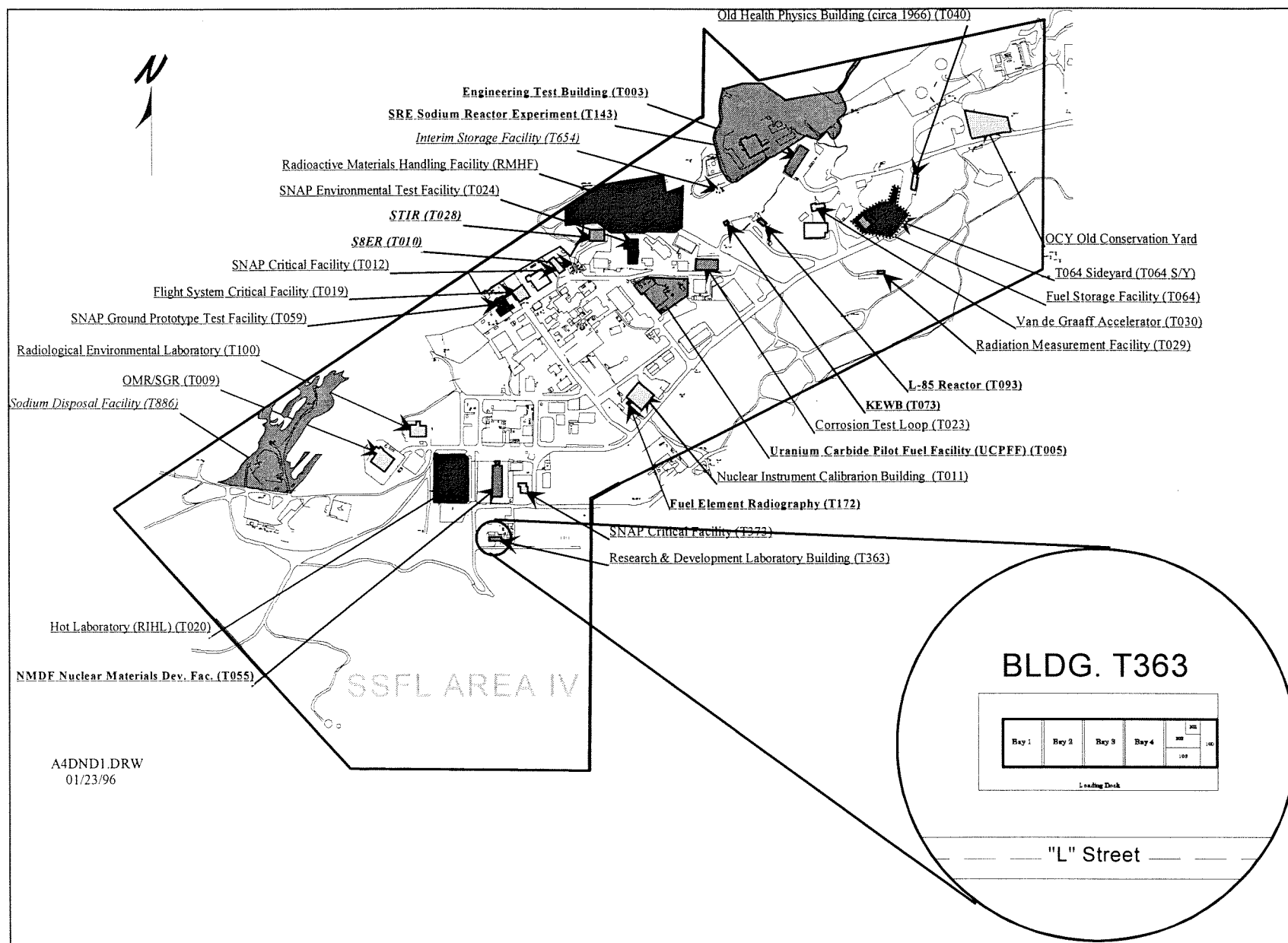


Figure 3. Santa Susana Field Laboratory (SSFL) Area IV and Building T363 Location.

Building T363 Sample Lot Locations



Sample Lot 1 - Bay 4



Sample Lot 2 - All other areas and rooms

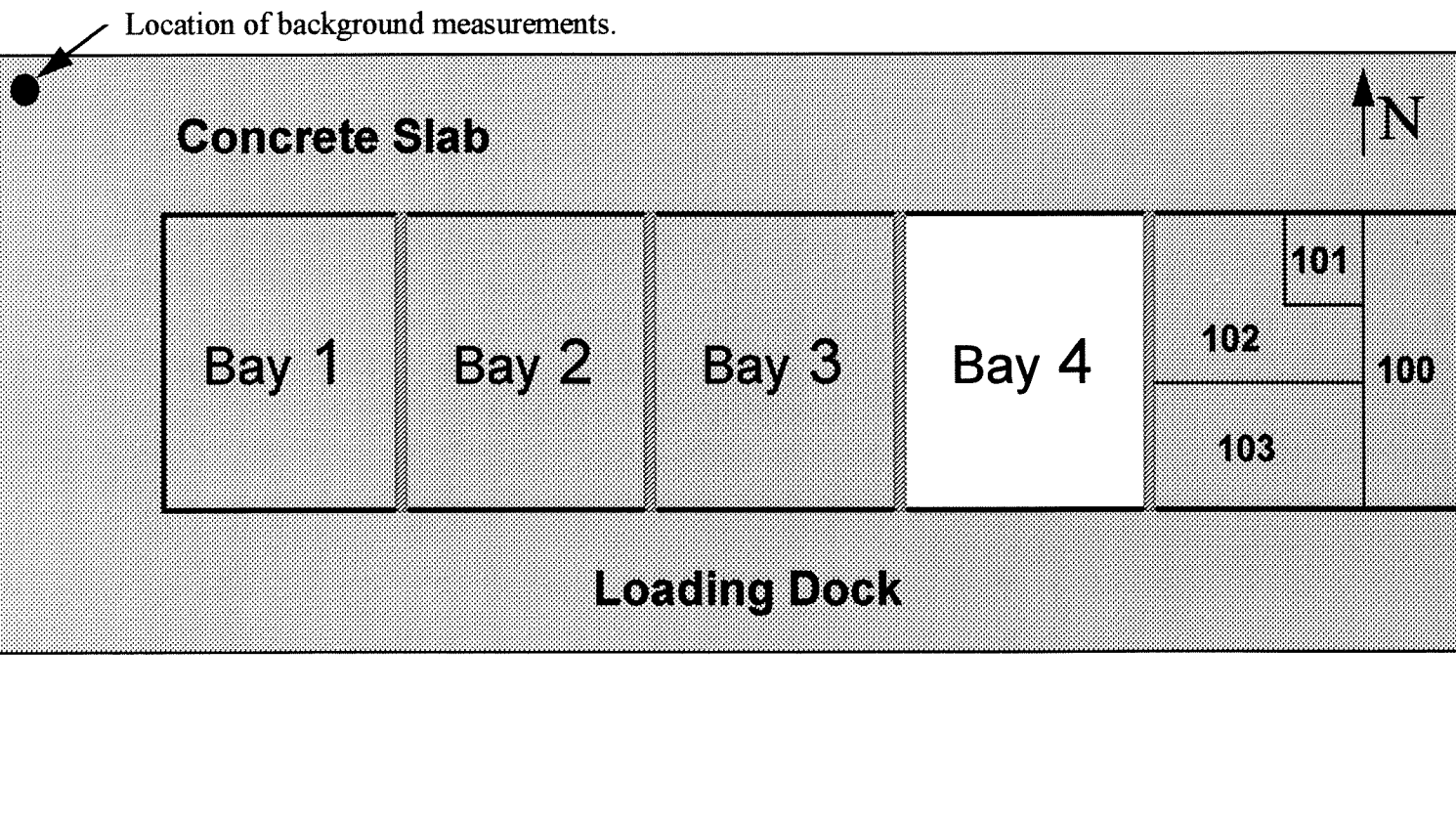


Figure 4 Building T363 Sample Lot Identification.

4. SURVEY RESULTS

4.1 Overview

Upon D&D of radioactive constituents, releasing a facility or area for unrestricted use requires a formal radiation survey to demonstrate that the applicable regulatory limits for such a release are met. The survey is performed under an established plan, and a statistical interpretation of the resulting data is made to demonstrate that the regulatory release criteria have been met. This document provides the necessary framework to demonstrate that Building T363 meets DOE, NRC, and State of California criteria for release of the facility for unrestricted use. All original survey and user authorization documentation is maintained in the Building T363 final survey file located in Building T100.

4.2 Scope of the Survey

For the final radiological survey of Building T363, the interior rooms were separated into two sample lots, as shown in Figure 4. The two sample lots were treated separately for the purposes of statistical data analyses. Lot 1 represented areas that had undergone radioactive decontamination while Lot 2 represented areas where radioactive contamination had not been previously found and consequently were expected to be clean. Table 1 shows the type of surveys performed with respect to the sample lots chosen.

Table 1. Surveys Performed for Building T363.

Sample Lot No.	Room or Area	Type of Survey Performed					
		Qualitative Frisk	Total		Removable ^b		Ambient Gamma
			Alpha	Beta	Alpha	Beta	
1	Bay 4 only	- ^a	X	X	X	X	X
2	Bays 1,2,3 & Concrete Slab	X	X	X	X	X	X

^aA qualitative frisk was not necessary because the entire Bay 4 was quantitatively surveyed.

^bMeasurements are for a 100 cm² area within the 1x1 meter survey grid area.

4.3 Survey Methods

4.3.1 Sampling Methods

The method and type of survey measurements taken depended on the type of surfaces involved. For floors, walls, and ceilings, a 1 x 1 meter regular grid was superimposed. Remnant areas, surfaces having less than the 1 x 1 meter dimensions, were combined with similar adjacent

areas to form the prescribed 1 m² area. Measurements were then taken over a specified number of these grids. Measurements were taken for both total and removable alpha and beta activity. Total measurements were based on a 5 minute cumulative count, by scanning the grid uniformly with the instrument probe. If a hot spots was detected, maximum readings were taken as well, by scanning over a 100 cm² area at the hot spot for 5 minutes. Additionally, the floors were surveyed for ambient gamma readings in $\mu\text{R/h}$ at 1 meter, for a period of 1 minute. Refer to Table 1 for a summary of the types and the extent to which sampling was performed.

Measurements of removable surface activity (alpha and beta) were made by wiping approximately 100 cm² of surface area using standard smear disks. The activity on the disks were measured using a gas-flow proportional counter. A one minute integrated count time was used.

4.3.1.1 Sample Lot 1 (Bay 4)

Sample Lot 1 was composed of measurements taken exclusively from Bay 4. Quantitative measurements were taken for all (100%) of the survey grids in this bay. Measurements were taken for total alpha and beta, removable alpha and beta, and ambient gamma. Structural surfaces (pipes, conduit, light fixtures, etc.) were previously removed during the D&D of this bay.

4.3.1.2 Sample Lot 2 (Remainder of Building (Less Bay 4) and Outside Concrete Areas)

Sample Lot 2 was composed of Bays 1, 2, 3, the four ancillary rooms (numbered 100-103), and outside concrete areas. A 100% direct qualitative frisk of each 1-m by 1-m grid was performed using an alpha scintillation probe and a G-M pancake probe. Since no activity was found in the qualitative frisk, a quantitative survey was then performed for one in nine (about 11%) of the grid areas. The chosen grid areas were based on a random selection from a 3 by 3 grouping of adjacent grid areas. Subsequently, a quantitative survey for removable alpha and beta activity was conducted within each of the selected grid areas. This method satisfies the State of California guidelines in DECON-1 (Reference 9) that a minimum of 10% of an area shall be surveyed. Twenty percent of all structural surfaces (pipes, conduit, light fixtures, etc.) were surveyed for total and removable alpha and beta activity.

4.3.2 Instrument Calibrations and Checks

Measurements of total and maximum alpha surface activity were made using an alpha scintillation detector, sensitive only to alpha particles with energies exceeding about 1.5 MeV. The detector was calibrated with a Th-230 alpha source standard traceable to the National Institute of Standards and Technology (NIST). Measurements of the average and maximum beta surface activities were made with a thin-window pancake Geiger-Mueller (G-M) tube. The G-M detector was calibrated with a Tc-99 beta source standard, traceable to NIST.

All portable survey instruments were serviced and calibrated with NIST traceable standards on a quarterly basis. In addition, daily checks and calibrations were performed on all

instrumentation, when in use, to determine acceptable performance and establish a background value for the instrument on that day. Calibration records for the survey instruments used are maintained in the Building T100 files. Reference 7 provides further methods and procedures for environmental surveys.

The gas-flow proportional counters, used to measure removable contamination, were calibrated using Th-230 and Tc-99 standard sources, traceable to NIST.

The ambient exposure rates at 1m from surfaces were measured using one inch NaI scintillation detectors. These instruments were calibrated against a Reuter-Stokes high-pressure ionization chamber, and daily checks were made using a Cs-137 source.

4.4 Technical Approach

4.4.1 Criteria and Their Implementation

Acceptable contamination limits and gamma exposure rates for releasing a facility for unrestricted use are prescribed in DOE, NRC, and State of California guidelines (References 8, 9, and 10). The lowest (most conservative) applicable limits were chosen from these guidelines and incorporated into the final survey criteria for Building T363. Two specific criteria were chosen from the guidelines:

- a) The surface contamination limits for alpha and beta were excerpted from DOE Order 5400.5 (Reference 8) and State of California guidelines (Reference 9);
- b) The ambient gamma exposure rate limits at 1 m were excerpted from NRC Dismantling Order for the L-85 reactor decommissioning (Reference 10) for conservatism and consistency with past decommissioning efforts. Although DOE Order 5400.5 recommends a value of 20 $\mu\text{R/h}$ above background, the value of 5 $\mu\text{R/h}$ from the NRC Dismantling Order was used for consistency, conservatism, and in keeping with ALARA principles.

Table 2 provides a summary of the contamination limit criteria. Table 3 demonstrates that the detection limits for the instruments and method, as expressed by the "Statistically Significant Activity" (SSA), are well below the established limit criteria (from regulatory requirements) shown in Table 2.

As used in the tables, dpm (disintegrations per minute) means the rate of emission by radioactive material as determined by correcting the counts per minute measured by an appropriate detector for background, efficiency, and geometric factors associated with the instrumentation. Where surface contamination by both alpha- and beta-gamma-emitting radionuclides existed, the limits established for alpha- and beta-gamma-emitting radionuclides were applied independently. Beta-gamma emitters include mixed fission products, including the Sr-90 which is present in them. It does not apply to Sr-90 which has been separated from the

other fission products or mixtures where the Sr-90 has been enriched. No separated or enriched Sr-90 is present in T363.

Table 2. Building T363 Contamination Limit Criteria

Radionuclides	Average	Maximum	Removable
U-natural, U-235, U-238, and associated decay products, (dpm/100 cm ²)	<5,000 α	<15,000 α	<1,000 α
Beta-gamma emitters (radionuclides with decay modes other than alpha emission or spontaneous fission) except Sr-90 (dpm/100 cm ²)	<5,000 β - γ	<15,000 β - γ	<1,000 β - γ
Gamma exposure rate	$\leq 5 \mu\text{R/h}$ above background at 1 m		

Table 3. Observed Detection Limits versus Established Limit Criteria

	Alpha (dpm/100 cm ²)		Beta (dpm/100 cm ²)		Ambient Gamma Exposure Rate ($\mu\text{R/h}$)
	Total	Removable	Total	Removable	
Limit criteria	5,000	1,000	5,000	1,000	<5.0 above background
Average observed detection limit (SSA) ^a	5.2	4.65	340	11.3	0.26
Observed detection limit range	3.6 - 7.1	4.09 - 5.06	288 - 439	10.6 - 12.1	0.25 - 0.26
Detection limit as a percent of limit criteria	0.10%	0.46%	6.8%	1.1%	5.1%

^a $\text{SSA} = 1.645 \cdot \sqrt{(2 \cdot \text{background counts}) \cdot \text{area factor} \cdot \text{efficiency factor} / \text{time}}$,
(units are same as limit criteria).

Measurements of average contamination were averaged over an area of more than 1 m². For objects of less surface area, an average was derived for each such object. The maximum contamination limit applies to an area of not more than 100 cm².

The amount of removable radioactivity per 100 cm² of surface area was determined by wiping an area of that size with dry filter or soft absorbent paper, applying moderate pressure, and measuring the amount of radioactive material on the wiping with an appropriate instrument of known efficiency. When removable contamination on objects of surface area less than 100 cm² was determined, the activity per unit area was based on the actual area and the entire surface was wiped.

4.4.2 Data Analyses and Statistical Criteria

A statistical procedure was used to validate the applicability of the raw survey data for selected sample lots or areas. The statistical method known as “sampling inspection by variables” (Reference 6) was used. This method has been widely applied in industry and the military.

In sampling inspection by variables, the data is assumed to be normally (i.e., Gaussian) distributed. The mean of the distribution $\bar{x}$, and its standard deviation s , are then related to a “test statistic,” TS, as follows:

$$TS = \bar{x} + k \cdot s$$

where $\bar{x}$ = average (arithmetic mean of measured values)

s = observed sample standard deviation

k = tolerance factor calculated from the number of samples to achieve the desired sensitivity for the test

TS and $\bar{x}$ are then compared with an acceptance limit, U (such as those shown in Table 2), to determine acceptance or other plans of action, including rejection of the area as contaminated and requiring further remediation.

The sample mean and standard deviation are easily calculable quantities; the value of k , the tolerance factor, bears further discussion. Of the various criteria for selecting plans for acceptance sampling by variables, the most appropriate is the method of Lot Tolerance Percent Defective (LTPD), also referred to as the Rejectable Quality Level (RQL). The LTPD is defined as the poorest quality that should be accepted in an individual lot. Associated with the LTPD is a parameter referred to as consumer's risk (β), the risk of accepting a lot of quality equal to or poorer than the LTPD.

Assigning values for LTPD and β , and given the sample size n , a value for k can be calculated as follows:

$$k = \frac{K_2 + \sqrt{K_2^2 - ab}}{a}; \quad a = 1 - \frac{K_\beta}{2(n-1)}; \quad b = K_2^2 - \frac{K_\beta^2}{n}$$

where k = tolerance factor,

K_2 = the normal deviate exceeded with probability equal to the LTPD,

K_β = the normal deviate exceeded with probability of β ,

n = number of samples.

Conventionally, the value assigned to the LTPD has been 10%. USNRC Regulatory Guide 6.6 (“Acceptance Sampling Procedures for Exempted and Generally Licensed Items Containing By-Product Material”) states that the value for the consumer's risk of acceptance (β) should be

0.10 (or 10%). The State of California has also stated that the consumer's risk be at 10% or less and that the Lot Tolerance Percent Defective be 10% as well. For these choices of β and LTPD, $K_\beta = K_2 = 1.282$ (Reference 6).

The statistical criteria for acceptance of the Building T363 interior final survey are presented below.

- a) Acceptance: If the test statistic ($\bar{x} + k \cdot s$) is less than or equal to the limit (U), accept the region as clean. If any single measured value exceeds 80% of the limit, decontaminate that location to as near background as is possible, but do not change the value in the analysis. Figure 5 gives an example of the sample lot acceptance by the test.
- b) Collect additional measurements: If the test statistic ($\bar{x} + k \cdot s$) is greater than the limit (U), but $\bar{x}$ itself is less than U, independently resample and combine all measured values to determine if $\bar{x} + k \cdot s \leq U$ for the combined set; if so, accept the region as clean. If not, the region is contaminated and must be remediated. Figure 6 gives an example of additional measurements that must be taken in the sample lot to accept or reject it.
- c) Rejection: If the test statistic ($\bar{x} + k \cdot s$) is greater than the limit (U) and $\bar{x} \geq U$, the region is contaminated and must be remediated. Figure 7 gives an example of sample lot rejection by the test.

If our statistical tests meet the acceptance criteria above, we are willing to accept the hypothesis, with 90% confidence, that the probability of contamination for 90% of the Building T363 area is below the applicable limits described in Table 2.

4.5 Sample Lot Analyses and Results

Survey measurements were grouped into two lots and tested separately against the acceptance criteria for the particular type of radiation. Sample Lot 1 was for Bay 4, which was previously determined to contain radioactive contamination and had undergone decontamination; while Lot 2 was for the remainder of the building and outside areas, which were expected to show no contamination and where no decontamination effort was made.

Measurements for this survey were taken over the period from 5/26/95 through 9/13/95, based on entries from the D&D log book for building T363, that was maintained as per Reference 3. Survey measurements were taken in accordance with Reference 5. Raw data measurements were adjusted for daily instrument background and statistically tested using the "sampling inspection by variables" method discussed previously. The adjusted data was also plotted on cumulative probability graphs in order that a visual characterization can be made. The more linearly behaved the data is the closer it is to a normal distribution. When necessary, plots are shown in two scales; a condensed scale to show all the data relative to the acceptance limit,

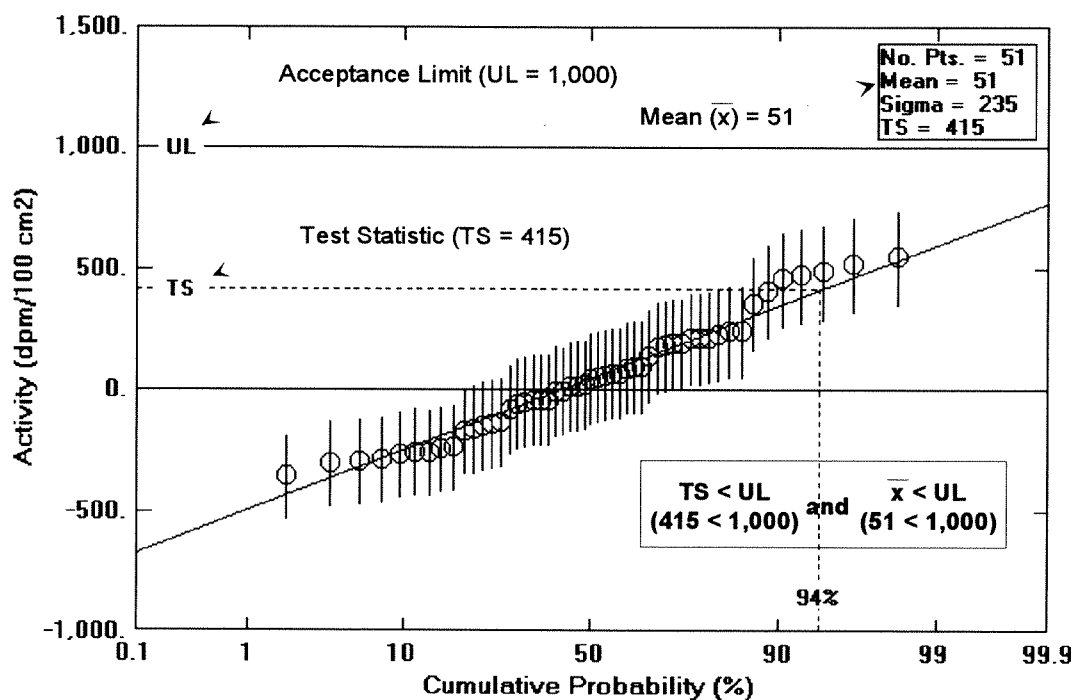


Figure 5. Example of Sample Lot Acceptance, where $TS (= \bar{x} + k \cdot s) \leq UL$ and $\bar{x} \leq UL$

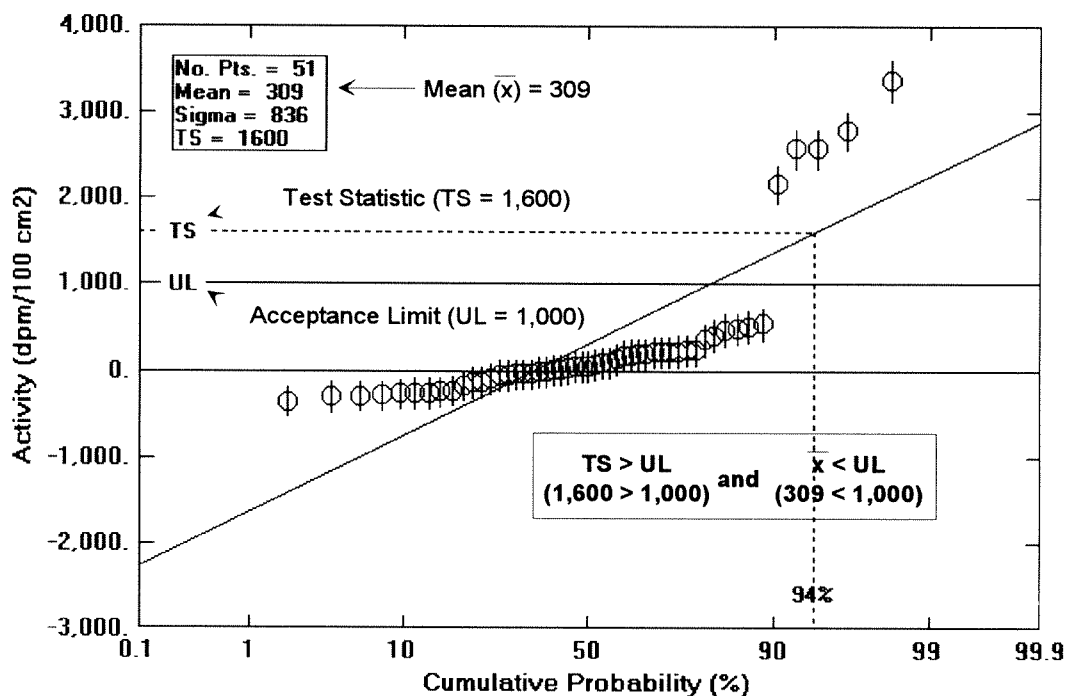


Figure 6. Example of Sample Lot Requiring Additional Measurements, where $TS (= \bar{x} + k \cdot s) > UL$ and $\bar{x} < UL$

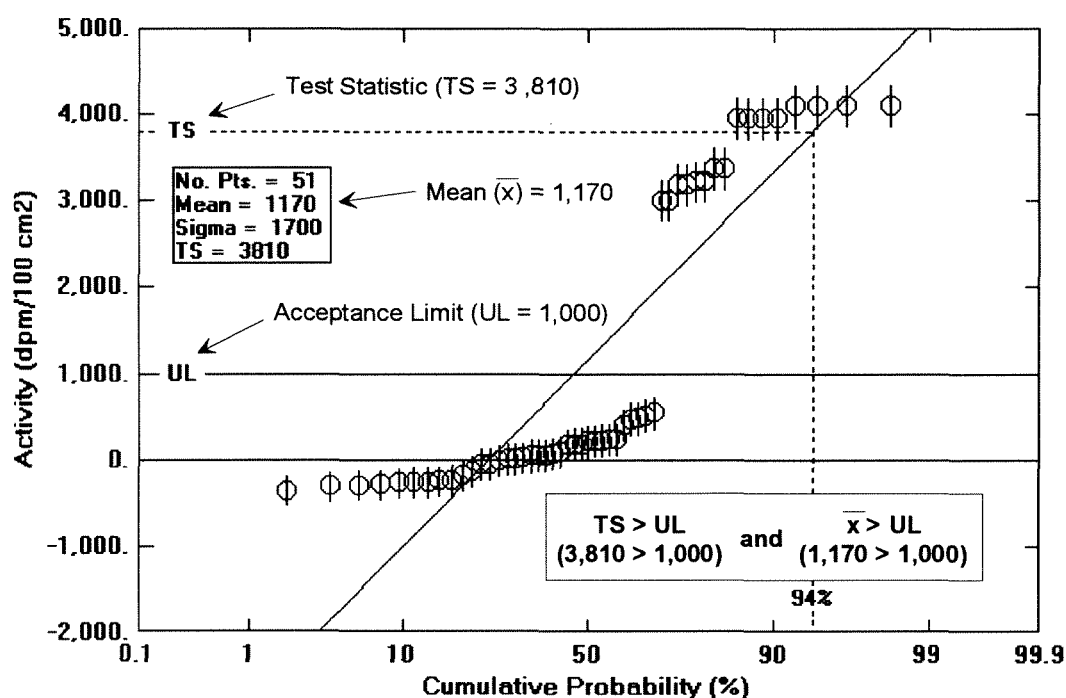


Figure 7. Example of Sample Lot Rejection, where $TS (= \bar{x} + k \cdot s) > UL$ and $\bar{x} > UL$

and when there is a wide separation between the data and the acceptance limit, an expanded scale showing only the data and test statistic values. This allows for a closer examination of the data.

Table 4 shows typical background radiation measurements for the Building T363 area. Total values are based on daily measurements that were taken at the most northwestern portion of the survey area. These values have been compiled for information only. The actual daily readings were used for background subtraction of the survey data.

The test statistic ($TS = \bar{x} + k \cdot s$) for each lot and radiation category was calculated and is presented in Table 5. The applicable contamination acceptance limits (from Table 2) are shown as well. The figure number of the corresponding probability plot is indicated in parentheses.

Individual raw measurement data and instrument backgrounds are provided in Appendix A. Individual calculated sample results data, used to generate the graphs, are provided in Appendix B. Grid location diagrams for the various survey areas in T363 are given in Appendix C.

4.5.1 Sample Lot 1 Results (Bay 4)

The survey data results, tabulated in Table 5, and plotted in Figure 8 through Figure 12 demonstrate that for each applicable acceptance limit (U) from Table 2, the corresponding test statistic (TS) value is less than U, ($TS < U$). Therefore, the areas in Sample Lot 1 pass the “sampling inspection by variables” test and are “Accepted” as radiologically clean.

In other words, the Building T363 Sample Lot 1 survey corresponds to assuring with a 90% confidence that 90% of Sample Lot 1 has residual contamination below 100% (a 90/90/100 test) of the applicable NRC, DOE, and State of California limits given in Table 2.

4.5.2 Sample Lot 2 Results

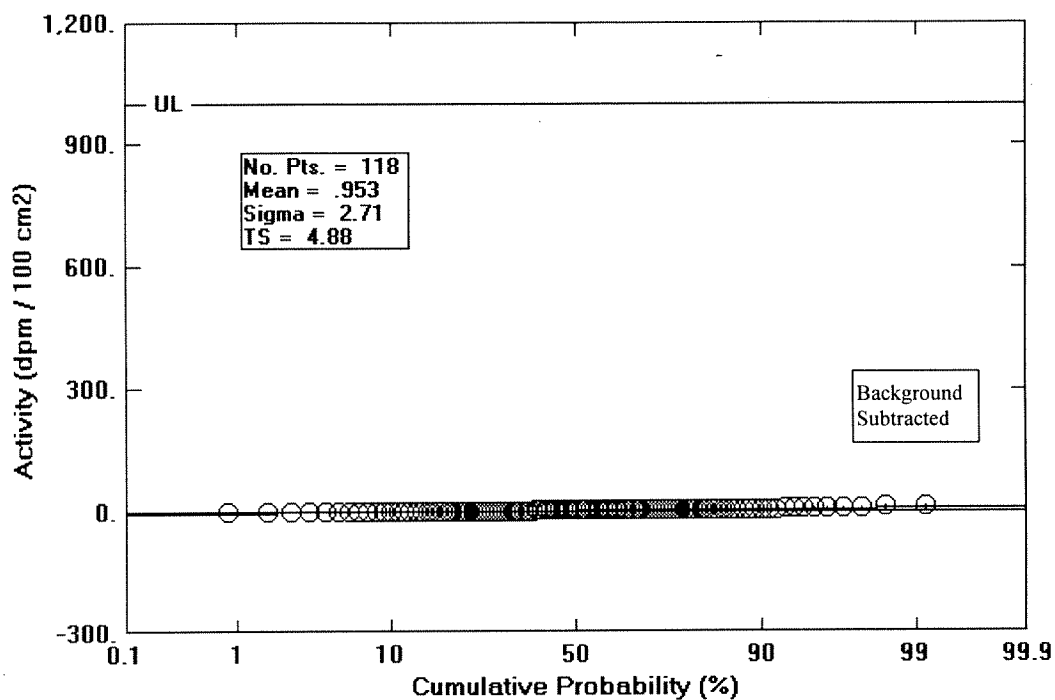
Sample Lot 2 consists of all parts of Building T363 and outside concrete areas, except Bay 4. The survey data results, tabulated in Table 5, and plotted in Figure 13 through Figure 17, demonstrate that for each applicable acceptance limit (U) from Table 2, the corresponding test statistic (TS) value is less than U, ($TS < U$). Therefore, the areas in Sample Lot 2 pass the “sampling inspection by variables” test and are “Accepted” as radiologically clean.

Table 4. Background Exposure Rates Measured near Building T363.

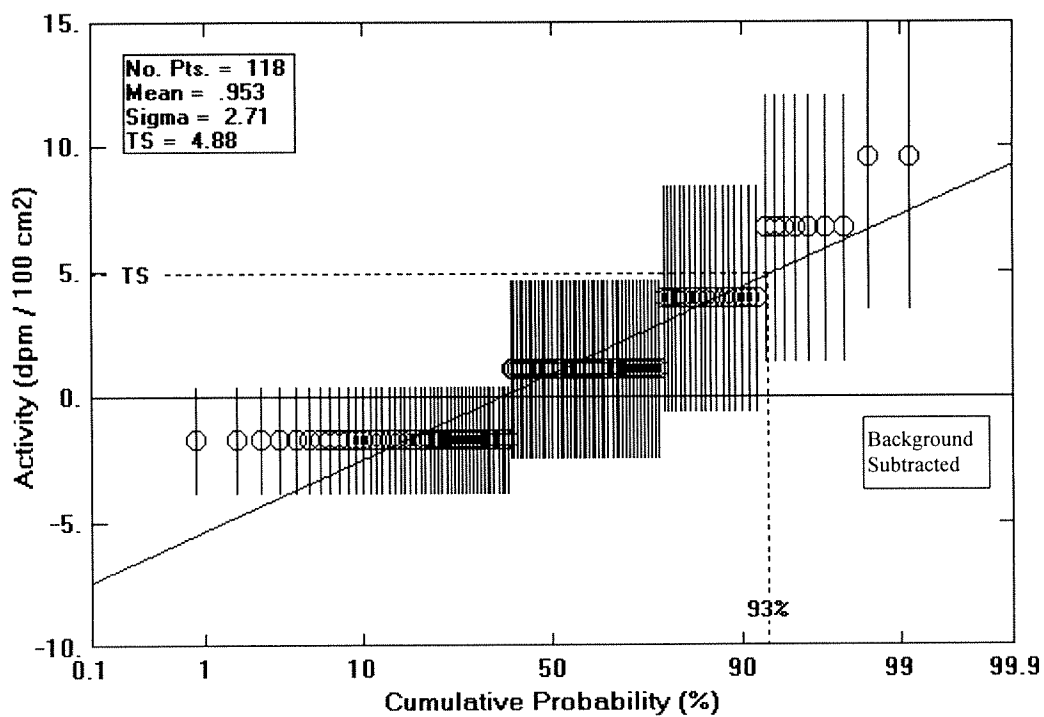
Radiation	Background Level		
	Average	Minimum	Maximum
Alpha, total, (dpm/100cm ²)	6.7	2.9	11.3
Beta, total, (dpm/100cm ²)	2800.	2100.	4100.
Gamma, (μR/h)	13.1	12.5	13.8
Alpha, removable, (dpm/100cm ²)	1.4	1.1	1.7
Beta, removable, (dpm/100cm ²)	8.8	7.8	9.9

Table 5. Statistical Results for Building T363

	Total (dpm/100 cm²)		Removable (dpm/100 cm²)		Ambient Gamma Exposure Rate (μR/h)
	Alpha	Beta	Alpha	Beta	
Acceptance Limit (UL)	5,000	5,000	1,000	1,000	5
Calculated Test Statistic ($TS = \bar{x} + k \cdot s$)					
Lot 1: Bay 4	7.32 (Fig. 9)	263 (Fig. 11)	4.86 (Fig. 8)	29.9 (Fig. 10)	0.76 (Fig. 12)
Lot 2: Bays 1,2,3 & Outside Areas	23.9 (Fig. 14)	805 (Fig. 16)	6.88 (Fig. 13)	28.7 (Fig. 15)	1.31 (Fig. 17)



a) Normal Scale



b) Expanded Scale

Figure 8. T363 - Lot 1 Removable Alpha Activity

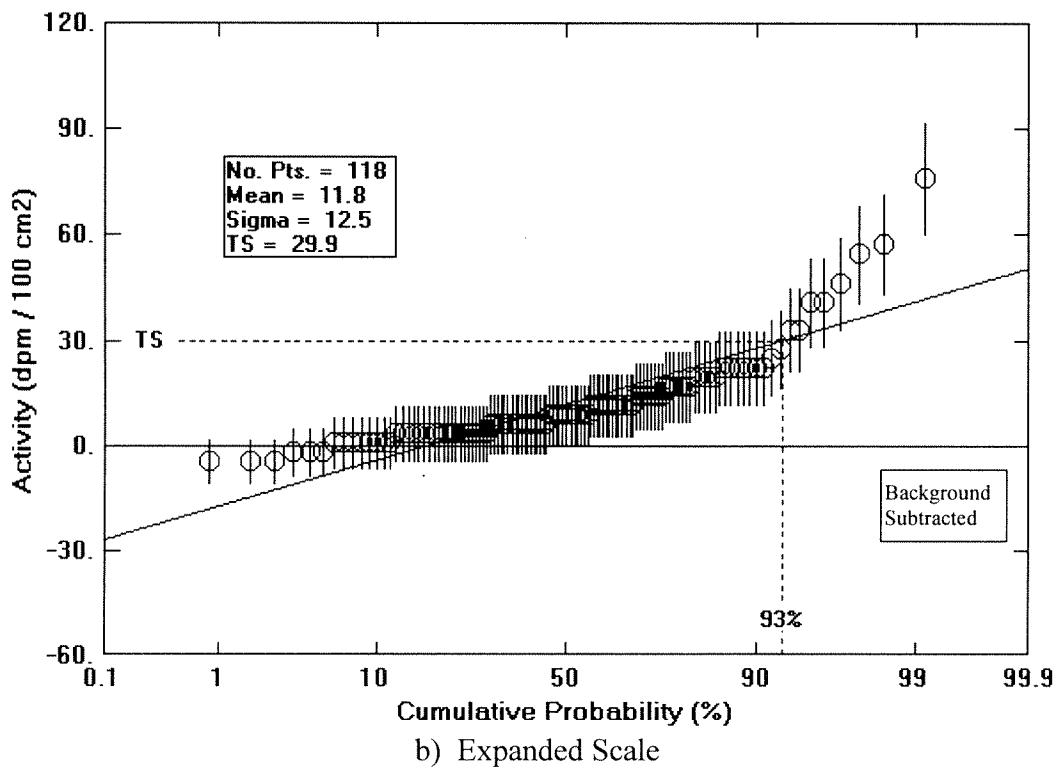
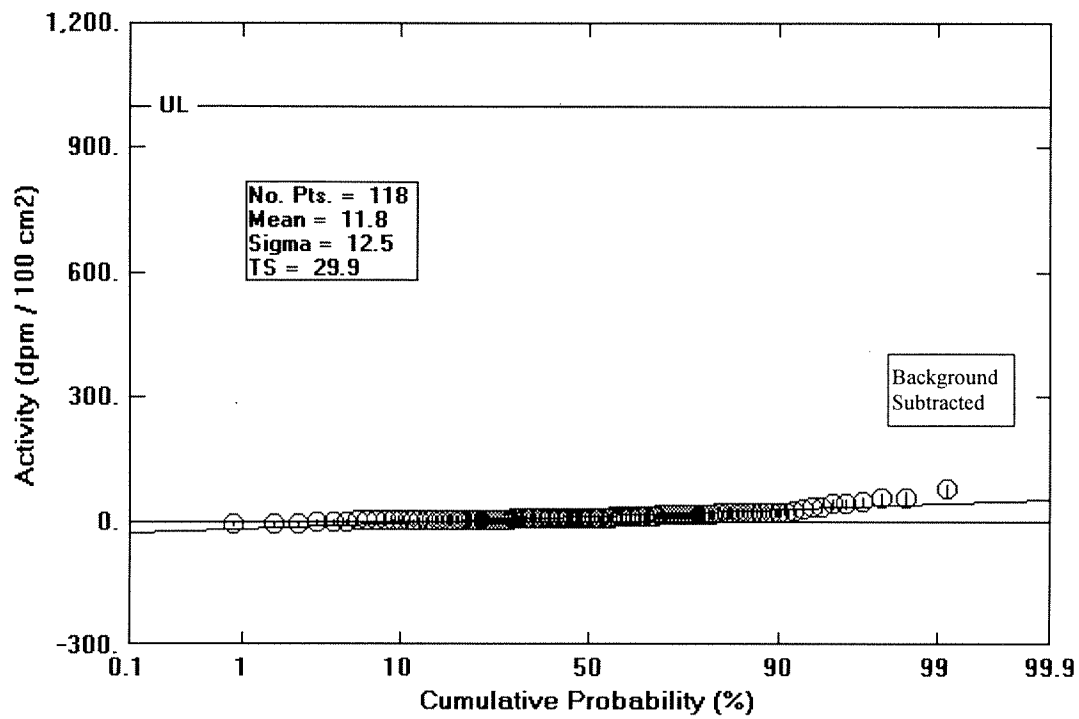
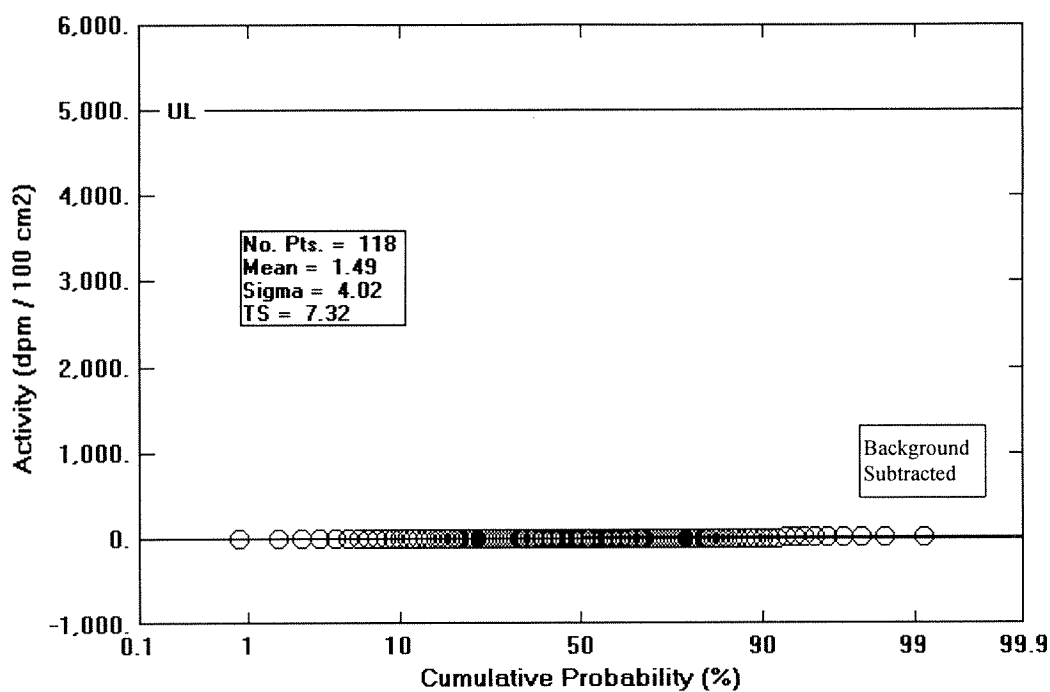
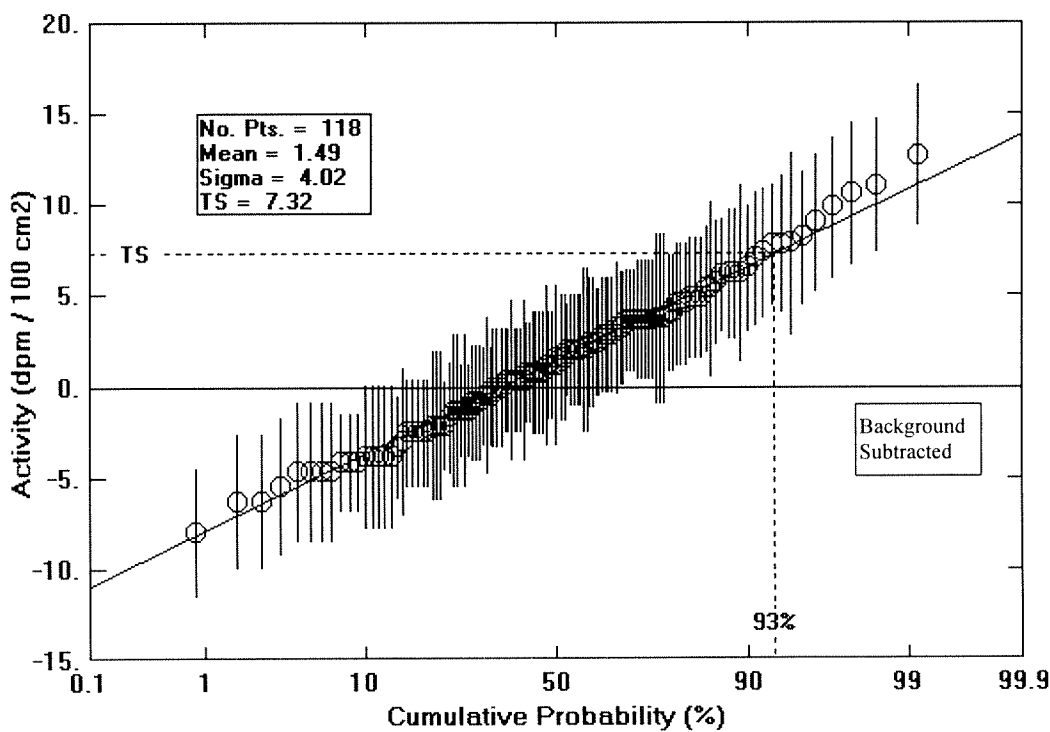


Figure 10. T363 - Lot 1 Removable Beta Activity



a) Normal Scale



b) Expanded Scale

Figure 9. T363 - Lot 1 Total Alpha Activity

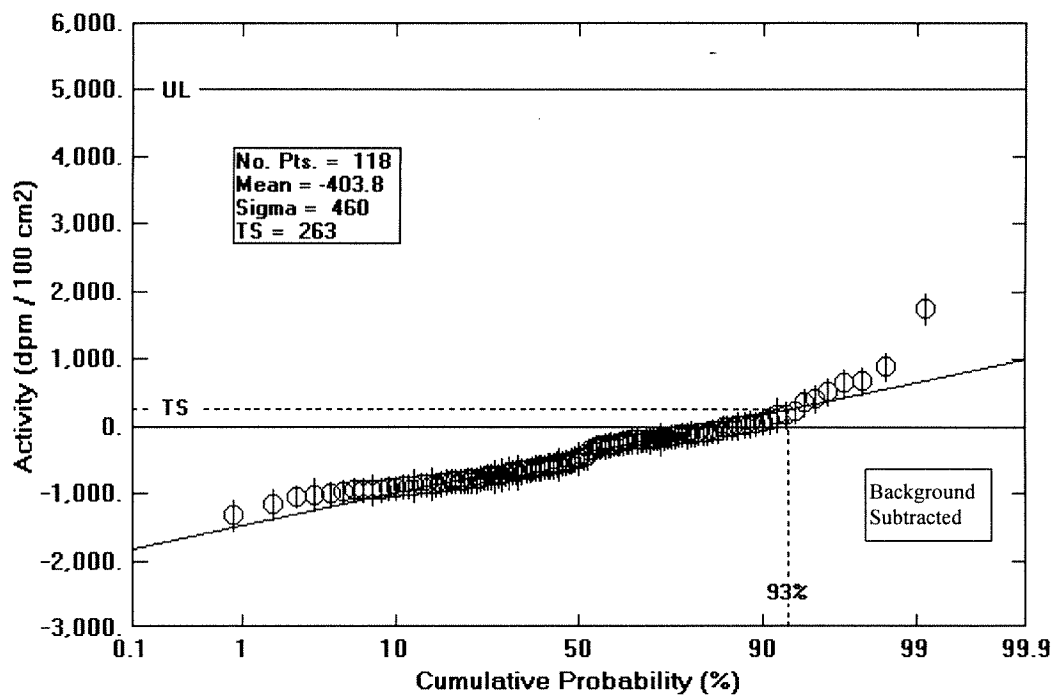


Figure 11. T363 - Lot 1 Total Beta Activity

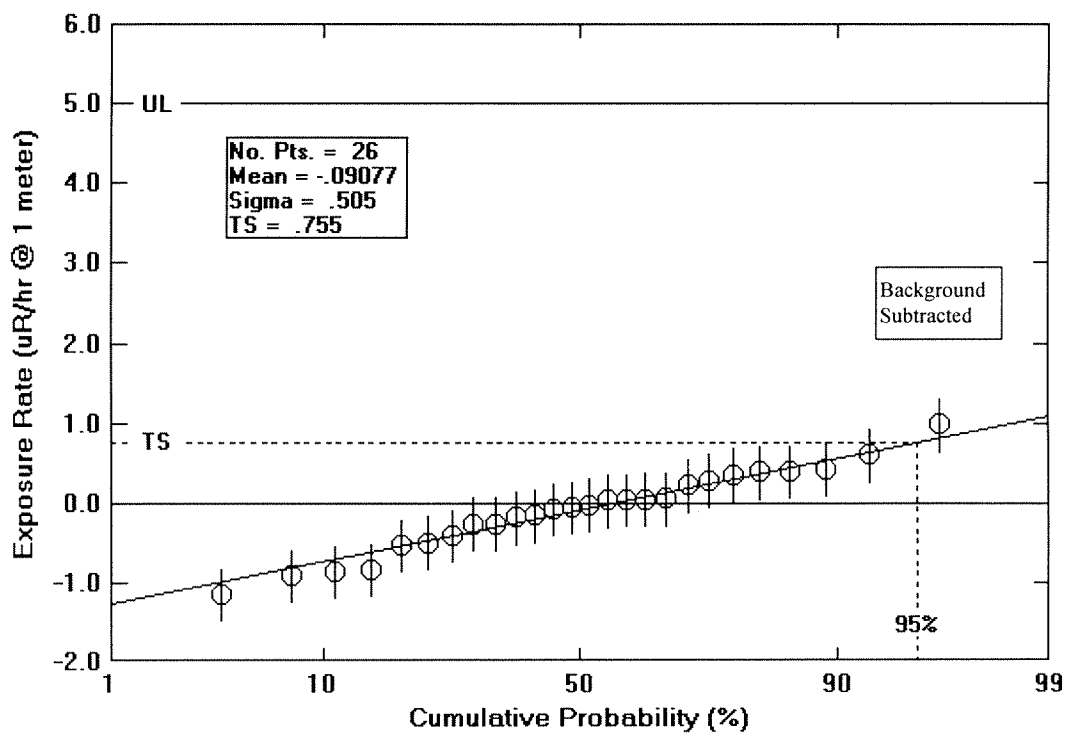


Figure 12. T363 - Lot 1 Gamma Exposure Rate

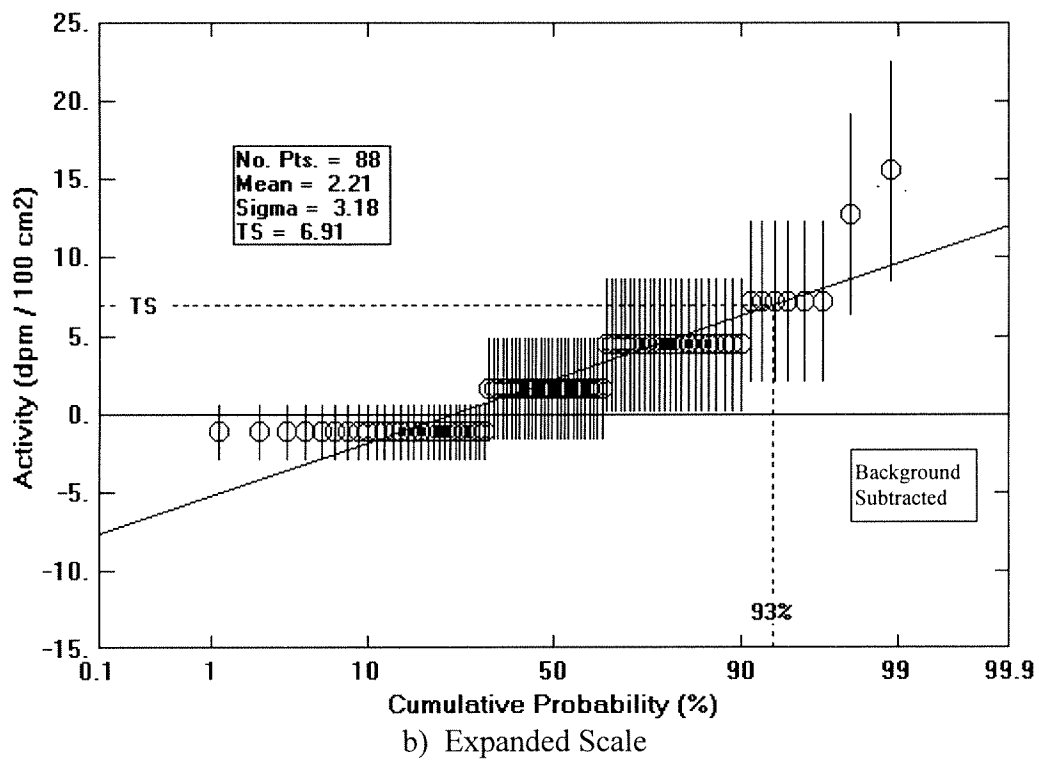
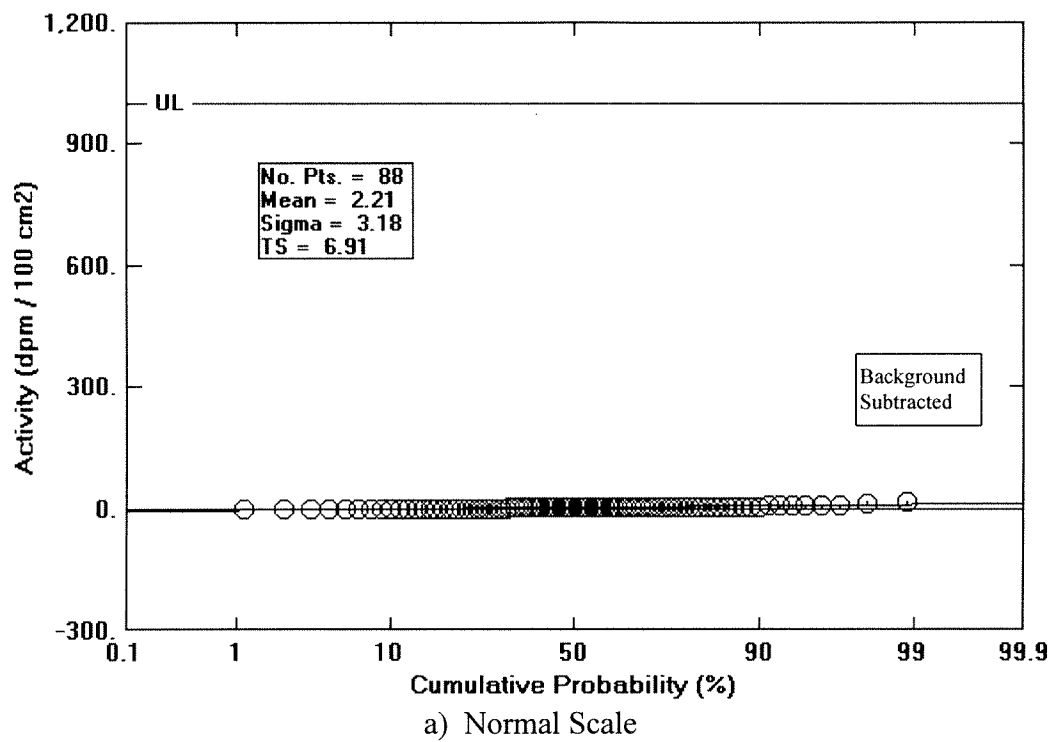
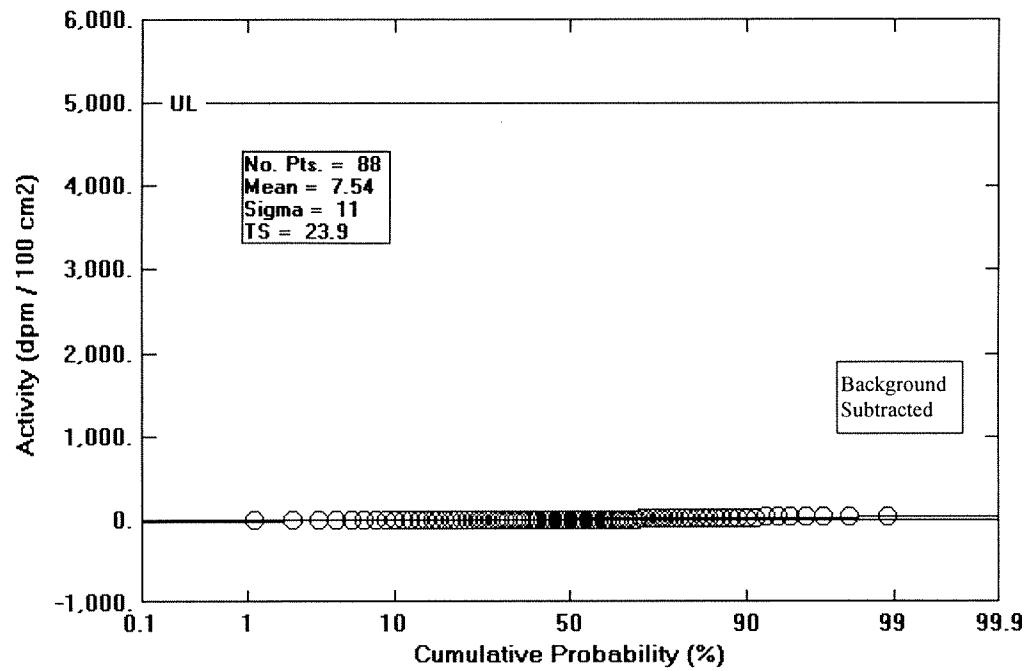
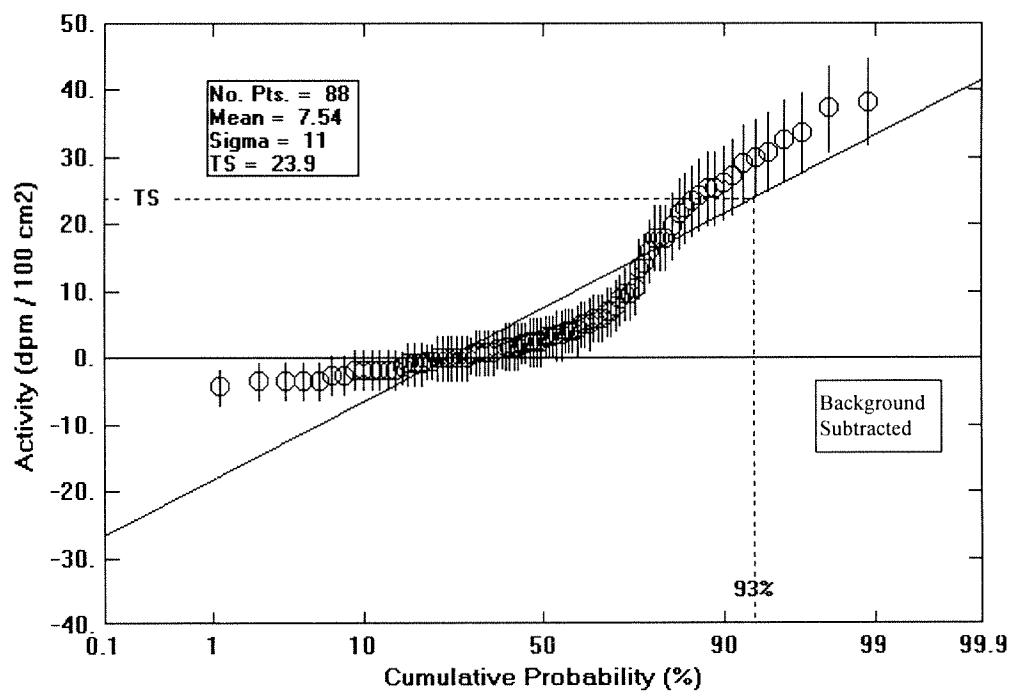


Figure 13. T363 - Lot 2 Removable Alpha Activity

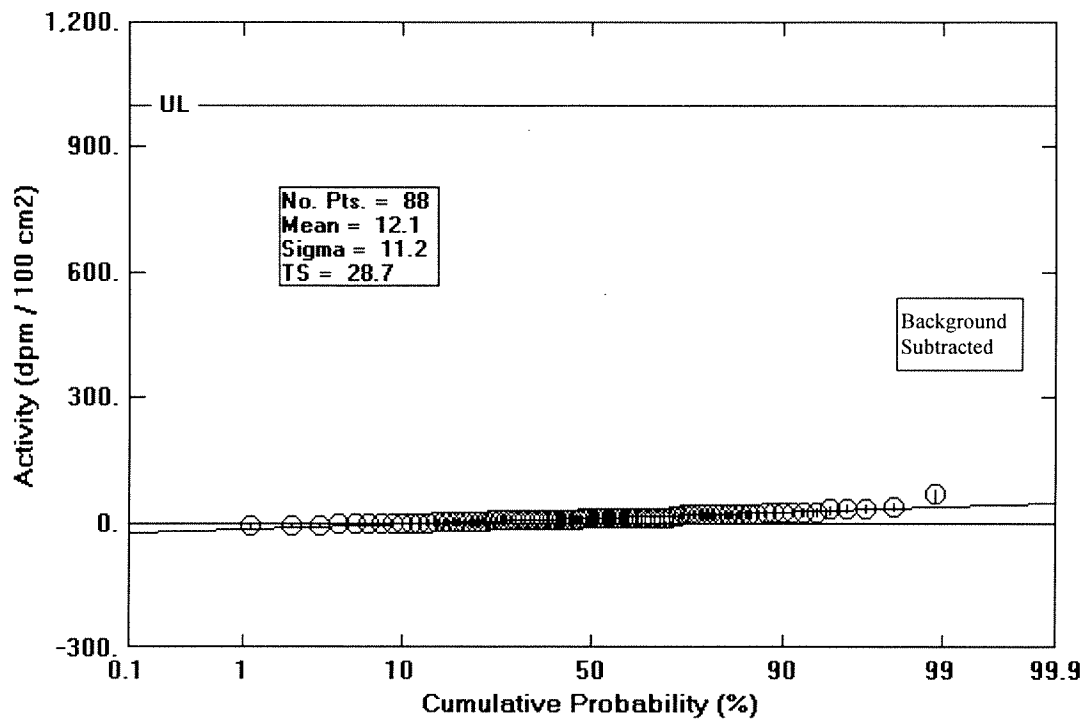


a) Normal Scale

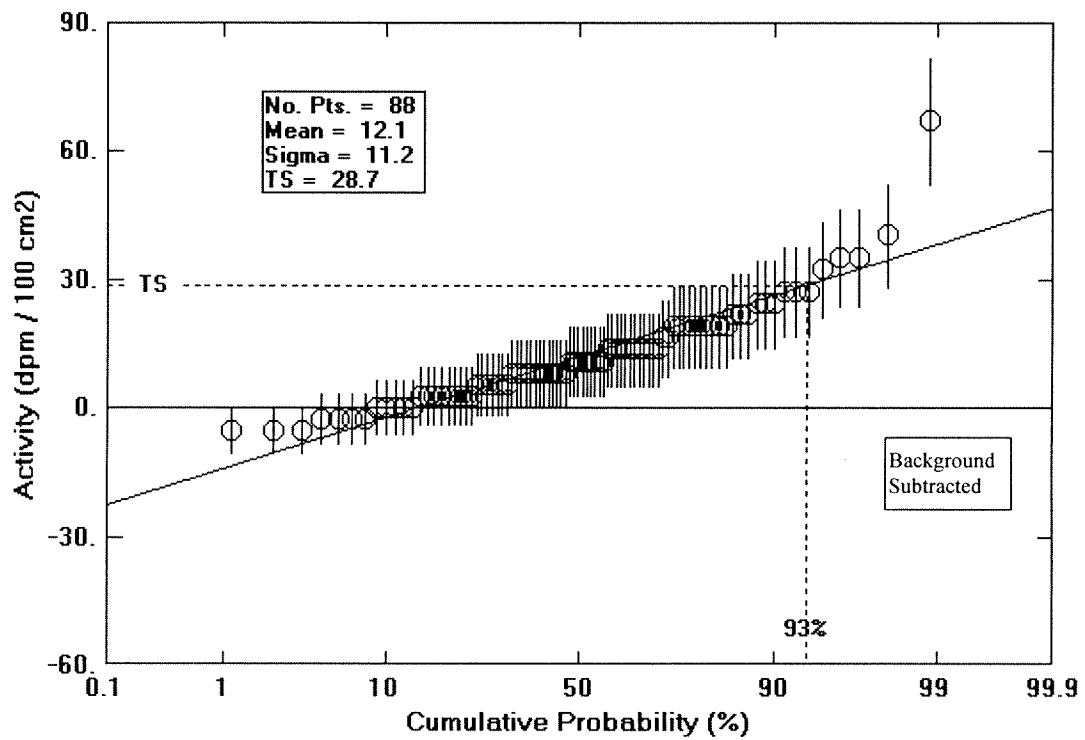


b) Expanded Scale

Figure 14. T363 - Lot 2 Total Alpha Activity



a) Normal Scale



b) Expanded Scale

Figure 15. T363 - Lot 2 Removable Beta Activity

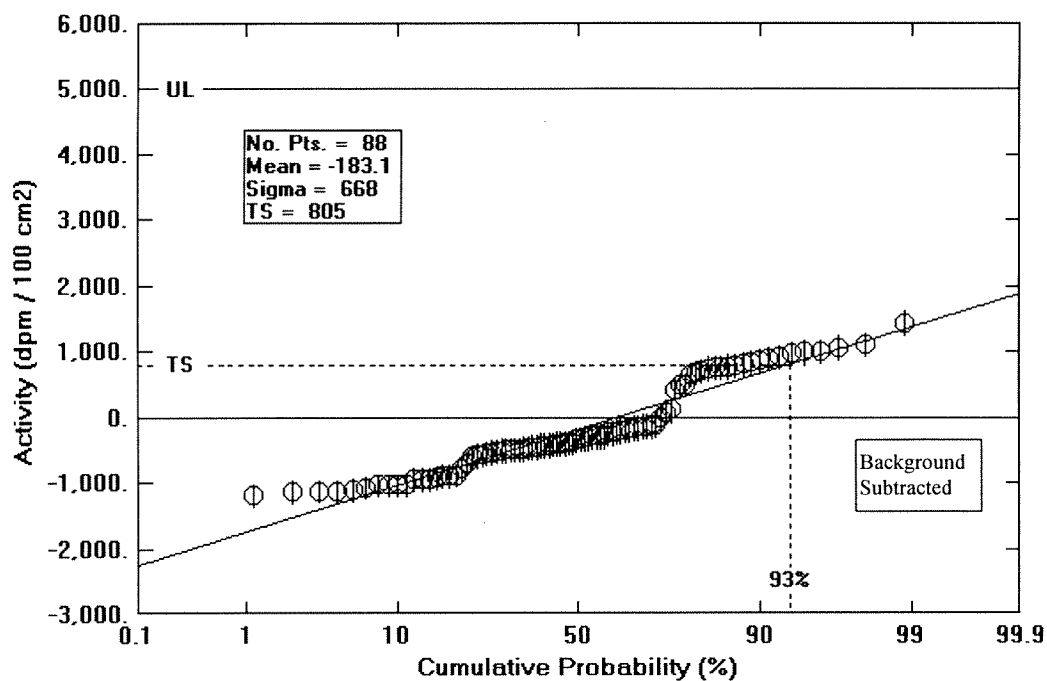


Figure 16. T363 - Lot 2 Total Beta Activity.

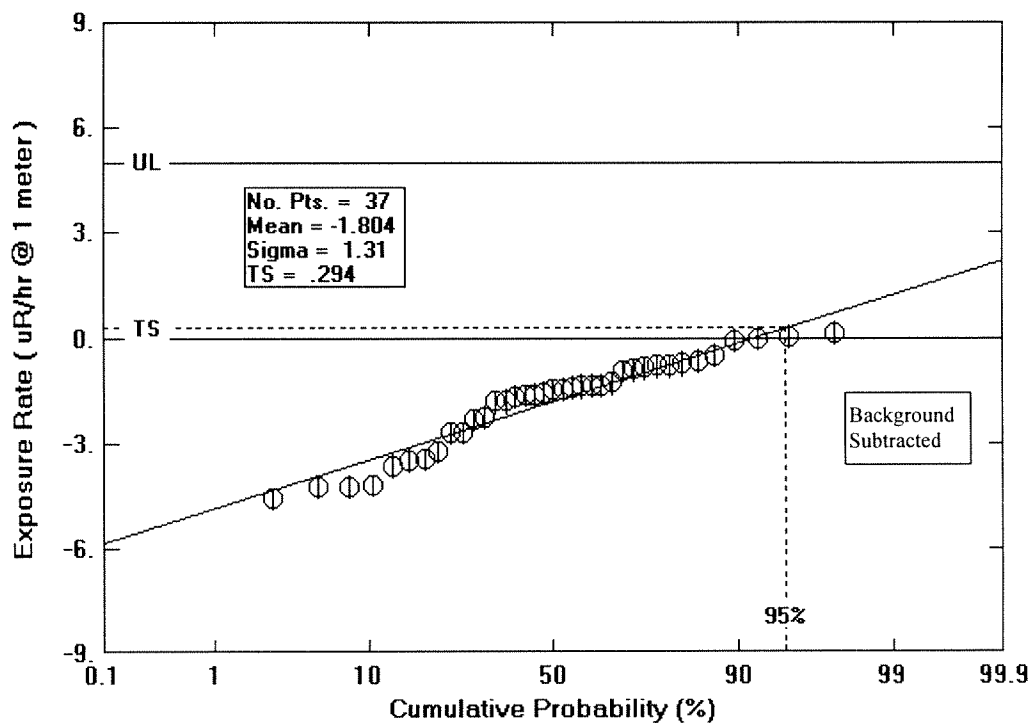


Figure 17. T363 - Lot 2 Gamma Exposure Rate.

5. REFERENCES

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2. Rockwell Document SSWA-AN-0005, "D&D Plan for Building T363", S. Pendleberry, May 12, 1995.
3. Rockwell Document SSWA-SP-0001, "Decontamination Procedure for Bay Four, Building T363", P. Waite, May 18, 1995.
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5. Rockwell IL363, "Study of Possible Source of Radioactive Contamination in T363", R. J. Tuttle, September 9, 1994.
6. MIL-STD-414, "Sampling Procedures and Tables for Inspection by Variables for Percent Defective", June 11, 1957.
7. N001OP000033, "Methods and Procedures for Radiological Monitoring.", November 7 1994.
8. DOE Order 5400.5, "Radiation Protection of the Public and the Environment", February 8, 1990.
9. DECON-1, "State of California for Decontaminating Facilities and Equipment Prior to Release for Unrestricted Use", June 1977.
10. NRC Dismantling Order for the L-85 Reactor Decommissioning, NRC letter to M. E. Remley, dated March 1, 1983.
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Appendix A

Building T363

Sample Lots 1 and 2

Final Survey Data

Building T363 - Lot 1 (Bay 4) Survey Data

		5 MIN		1 MIN	5 MIN		1 MIN	1 MIN			ALPHA					BETA			GAMMA	
SAMPLE	GRID		ALPHA			BETA		GAM	INSTRUMENT			SMEAR		INSTRUMENT			SMEAR			
NAME	NAME	TOTAL	MAX	REM.	TOTAL	MAX	REM.	TOTAL	BACKG	EFACT	AFACT	BACKG	EFACT	BACKG	EFACT	AFACT	BACKG	EFACT	BACKG	EFACT
BAY 4 FLOOR	1	8	-	1	491	850	7	2674	0.7	2.92	1.41	0.6	2.81	94.2	8.68	5	3.7	2.69	2708	0.0047
BAY 4 FLOOR	2	8	-	1	417	-	5	2595	0.7	2.92	1.41	0.6	2.81	94.2	8.68	5	3.7	2.69	2708	0.0047
BAY 4 FLOOR	3	17	-	1	408	530	5	2512	0.7	2.92	1.41	0.6	2.81	94.2	8.68	5	3.7	2.69	2708	0.0047
BAY 4 FLOOR	4	13	-	2	386	-	6	2527	0.7	2.92	1.41	0.6	2.81	94.2	8.68	5	3.7	2.69	2708	0.0047
BAY 4 FLOOR	5	6	-	0	450	-	6	2718	0.7	2.92	1.41	0.6	2.81	94.2	8.68	5	3.7	2.69	2708	0.0047
BAY 4 FLOOR	6	8	-	0	372	-	19	2653	0.7	2.92	1.41	0.6	2.81	94.2	8.68	5	3.7	2.69	2708	0.0047
BAY 4 FLOOR	7	11	-	0	354	-	2	2691	0.7	2.92	1.41	0.6	2.81	94.2	8.68	5	3.7	2.69	2708	0.0047
BAY 4 FLOOR	8	19	-	1	369	-	5	2755	0.7	2.92	1.41	0.6	2.81	94.2	8.68	5	3.7	2.69	2708	0.0047
BAY 4 FLOOR	9	10	-	0	362	-	6	2792	1	2.92	1.41	0.6	2.81	94.2	8.68	5	3.7	2.69	2708	0.0047
BAY 4 FLOOR	10	8	-	1	338	-	5	2794	1	2.92	1.41	0.6	2.81	94.2	8.68	5	3.7	2.69	2708	0.0047
BAY 4 FLOOR	11	6	-	2	320	-	4	2717	1	2.92	1.41	0.6	2.81	94.2	8.68	5	3.7	2.69	2708	0.0047
BAY 4 FLOOR	12	15	-	0	393	-	5	2697	1	2.92	1.41	0.6	2.81	94.2	8.68	5	3.7	2.69	2708	0.0047
BAY 4 FLOOR	13	11	-	1	387	-	5	2918	1	2.92	1.41	0.6	2.81	94.2	8.68	5	3.7	2.69	2708	0.0047
BAY 4 FLOOR	14	18	-	0	392	-	12	2619	1	2.92	1.41	0.6	2.81	94.2	8.68	5	3.7	2.69	2708	0.0047
BAY 4 FLOOR	15	8	-	0	365	-	8	2713	1	2.92	1.41	0.6	2.81	71.9	7.57	5	3.7	2.69	2717	0.0047
BAY 4 FLOOR	16	9	-	4	332	-	9	2795	1	2.92	1.41	0.6	2.81	71.9	7.57	5	3.7	2.69	2717	0.0047
BAY 4 FLOOR	17	11	-	1	414	-	9	2729	1	2.92	1.41	0.6	2.81	71.9	7.57	5	3.7	2.69	2717	0.0047
BAY 4 FLOOR	18	12	-	1	363	-	3	2724	1	2.92	1.41	0.6	2.81	71.9	7.57	5	3.7	2.69	2717	0.0047
BAY 4 FLOOR	19	17	-	0	446	-	8	2661	1	2.92	1.41	0.6	2.81	71.9	7.57	5	3.7	2.69	2717	0.0047
BAY 4 FLOOR	20	9	-	3	591	856	11	2845	1	2.92	1.41	0.6	2.81	71.9	7.57	5	3.7	2.69	2717	0.0047
BAY 4 FLOOR	21	14	-	0	322	-	12	2469	1	2.92	1.41	0.6	2.81	71.9	7.57	5	3.7	2.69	2717	0.0047
BAY 4 FLOOR	22	6	-	2	449	-	12	2531	1	2.92	1.41	0.6	2.81	71.9	7.57	5	3.7	2.69	2717	0.0047
BAY 4 FLOOR	23	16	-	0	332	-	12	2610	1	2.92	1.41	0.6	2.81	71.9	7.57	5	3.7	2.69	2717	0.0047
BAY 4 FLOOR	24	10	-	0	478	706	16	2679	1	2.92	1.41	0.6	2.81	71.9	7.57	5	3.7	2.69	2717	0.0047
BAY 4 FLOOR	25	11	-	3	345	-	2	2810	1	2.92	1.41	0.6	2.81	71.9	7.57	5	3.7	2.69	2717	0.0047
BAY 4 FLOOR REMNAN	26	13	-	2	407	-	8	2780	1	2.92	1.41	0.6	2.81	71.9	7.57	5	3.7	2.69	2717	0.0047
BAY 4 EAST WALL	1	4	-	1	313	375	8		2.7	2.96	1.41	0.6	2.81	66.8	7.16	5	3.7	2.69		
BAY 4 EAST WALL	2	6	-	0	319	-	6		2.7	2.96	1.41	0.6	2.81	66.8	7.16	5	3.7	2.69		
BAY 4 EAST WALL	3	9	-	0	308	-	5		2.7	2.96	1.41	0.6	2.81	66.8	7.16	5	3.7	2.69		
BAY 4 EAST WALL	4	8	-	1	341	-	7		2.7	2.96	1.41	0.6	2.81	66.8	7.16	5	3.7	2.69		
BAY 4 EAST WALL	5	10	-	1	317	-	4		2.7	2.96	1.41	0.6	2.81	66.8	7.16	5	3.7	2.69		
BAY 4 EAST WALL	6	21	-	2	302	-	32		2.7	2.96	1.41	0.6	2.81	66.8	7.16	5	3.7	2.69		
BAY 4 EAST WALL	7	11	-	1	322	-	6		2.7	2.96	1.41	0.6	2.81	66.8	7.16	5	3.7	2.69		
BAY 4 EAST WALL	8	18	-	0	334	-	9		2.7	2.96	1.41	0.6	2.81	66.8	7.16	5	3.7	2.69		
BAY 4 EAST WALL	9	9	-	1	306	-	3		2.7	2.96	1.41	0.6	2.81	66.8	7.16	5	3.7	2.69		
BAY 4 EAST WALL	10	16	-	0	298	-	11		2.7	2.96	1.41	0.6	2.81	66.8	7.16	5	3.7	2.69		
BAY 4 EAST WALL	11	13	-	4	310	-	11		2.7	2.96	1.41	0.6	2.81	66.8	7.16	5	3.7	2.69		
BAY 4 EAST WALL	12	20	-	0	297	-	8		2.7	2.96	1.41	0.6	2.81	66.8	7.16	5	3.7	2.69		
BAY 4 EAST WALL	13	23	-	1	314	-	8		2.7	2.96	1.41	0.6	2.81	66.8	7.16	5	3.7	2.69		
BAY 4 EAST WALL	14	15	-	1	305	-	10		2.7	2.96	1.41	0.6	2.81	66.8	7.16	5	3.7	2.69		

Building T363 - Lot 1 (Bay 4) Survey Data

SAMPLE NAME	GRID NAME	5 MIN		1 MIN		5 MIN		1 MIN		1 MIN		INSTRUMENT		ALPHA		SMEAR		INSTRUMENT		BETA		SMEAR		GAMMA	
		TOTAL	MAX	REM.	MAX	TOTAL	MAX	REM.	MAX	TOTAL	REM.	BACKG	EFACT	AFACT	BACKG	EFACT	BACKG	EFACT	AFACT	BACKG	EFACT	BACKG	EFACT	BACKG	EFACT
BAY 4 EAST WALL	15	6	-	1	326	-	-	5	-	-	-	2.7	2.96	1.41	0.6	2.81	66.8	7.16	5	3.7	2.69	-	-	-	-
BAY 4 EAST WALL	16	8	-	2	332	-	-	7	-	-	-	2.7	2.96	1.41	0.6	2.81	66.8	7.16	5	3.7	2.69	-	-	-	-
BAY 4 EAST WALL	17	14	-	3	312	-	-	7	-	-	-	2.7	2.96	1.41	0.6	2.81	66.8	7.16	5	3.7	2.69	-	-	-	-
BAY 4 EAST WALL	18	18	-	0	320	-	-	8	-	-	-	2.7	2.96	1.41	0.6	2.81	66.8	7.16	5	3.7	2.69	-	-	-	-
BAY 4 EAST WALL RE	19	9	-	1	294	-	-	7	-	-	-	2.7	2.96	1.41	0.6	2.81	66.8	7.16	5	3.7	2.69	-	-	-	-
BAY 4 NORTH WALL	1	12	-	3	332	-	-	12	-	-	-	2.7	2.96	1.41	0.6	2.81	66.8	7.16	5	3.7	2.69	-	-	-	-
BAY 4 NORTH WALL	2	8	-	0	366	-	-	14	-	-	-	2.7	2.96	1.41	0.6	2.81	66.8	7.16	5	3.7	2.69	-	-	-	-
BAY 4 NORTH WALL	3	9	-	1	298	-	-	5	-	-	-	2.7	2.96	1.41	0.6	2.81	66.8	7.16	5	3.7	2.69	-	-	-	-
BAY 4 NORTH WALL	4	15	-	2	285	-	-	12	-	-	-	2.7	2.96	1.41	0.6	2.81	66.8	7.16	5	3.7	2.69	-	-	-	-
BAY 4 NORTH WALL	5	11	-	1	302	-	-	6	-	-	-	2.7	2.96	1.41	0.6	2.81	66.8	7.16	5	3.7	2.69	-	-	-	-
BAY 4 NORTH WALL	6	9	-	0	316	-	-	24	-	-	-	2.7	2.96	1.41	0.6	2.81	66.8	7.16	5	3.7	2.69	-	-	-	-
BAY 4 NORTH WALL	7	16	-	1	308	-	-	4	-	-	-	2.7	2.96	1.41	0.6	2.81	66.8	7.16	5	3.7	2.69	-	-	-	-
BAY 4 NORTH WALL	8	7	-	1	291	-	-	5	-	-	-	2.7	2.96	1.41	0.6	2.81	66.8	7.16	5	3.7	2.69	-	-	-	-
BAY 4 NORTH WALL	9	12	-	1	305	-	-	9	-	-	-	2.7	2.96	1.41	0.6	2.81	66.8	7.16	5	3.7	2.69	-	-	-	-
BAY 4 NORTH WALL	10	11	-	0	295	-	-	19	-	-	-	2.7	2.96	1.41	0.6	2.81	66.8	7.16	5	3.7	2.69	-	-	-	-
BAY 4 NORTH WALL	11	14	-	0	324	-	-	16	-	-	-	2.7	2.96	1.41	0.6	2.81	66.8	7.16	5	3.7	2.69	-	-	-	-
BAY 4 NORTH WALL	12	12	-	1	259	-	-	8	-	-	-	2.7	2.96	1.41	0.6	2.81	66.8	7.16	5	3.7	2.69	-	-	-	-
BAY 4 NORTH WALL	13	18	-	2	291	-	-	5	-	-	-	2.7	2.96	1.41	0.6	2.81	66.8	7.16	5	3.7	2.69	-	-	-	-
BAY 4 NORTH WALL R	14	8	-	0	320	-	-	9	-	-	-	2.7	2.96	1.41	0.6	2.81	66.8	7.16	5	3.7	2.69	-	-	-	-
BAY 4 SOUTH WALL	1	10	-	0	262	-	-	13	-	-	-	1.1	2.95	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69	-	-	-	-
BAY 4 SOUTH WALL	2	8	-	3	285	-	-	12	-	-	-	1.1	2.95	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69	-	-	-	-
BAY 4 SOUTH WALL	3	11	-	0	301	-	-	7	-	-	-	1.1	2.95	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69	-	-	-	-
BAY 4 SOUTH WALL	4	4	-	2	290	-	-	25	-	-	-	1.1	2.95	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69	-	-	-	-
BAY 4 SOUTH WALL	5	11	-	2	263	-	-	7	-	-	-	1.1	2.95	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69	-	-	-	-
BAY 4 SOUTH WALL	6	15	-	2	271	-	-	21	-	-	-	1.1	2.95	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69	-	-	-	-
BAY 4 SOUTH WALL	7	9	-	1	278	-	-	11	-	-	-	1.1	2.95	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69	-	-	-	-
BAY 4 SOUTH WALL	8	6	-	1	249	-	-	10	-	-	-	1.1	2.95	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69	-	-	-	-
BAY 4 SOUTH WALL	9	10	-	1	231	-	-	7	-	-	-	1.1	2.95	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69	-	-	-	-
BAY 4 SOUTH WALL	10	8	-	0	244	-	-	7	-	-	-	1.1	2.95	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69	-	-	-	-
BAY 4 SOUTH WALL	11	6	-	1	263	-	-	6	-	-	-	1.1	2.95	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69	-	-	-	-
BAY 4 SOUTH WALL	12	9	-	1	283	-	-	7	-	-	-	1.1	2.95	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69	-	-	-	-
BAY 4 SOUTH WALL	13	12	-	2	238	-	-	5	-	-	-	1.1	2.95	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69	-	-	-	-
BAY 4 SOUTH WALL R	14	6	-	1	276	-	-	4	-	-	-	1.1	2.95	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69	-	-	-	-
BAY 4 WEST WALL	1	3	-	1	322	-	-	5	-	-	-	1.1	2.95	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69	-	-	-	-
BAY 4 WEST WALL	2	9	-	1	305	-	-	8	-	-	-	1.1	2.95	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69	-	-	-	-
BAY 4 WEST WALL	3	5	-	0	292	-	-	11	-	-	-	1.1	2.95	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69	-	-	-	-
BAY 4 WEST WALL	4	8	-	1	297	-	-	4	-	-	-	1.1	2.95	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69	-	-	-	-
BAY 4 WEST WALL	5	6	-	1	310	-	-	5	-	-	-	1.1	2.95	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69	-	-	-	-
BAY 4 WEST WALL	6	5	-	0	308	-	-	6	-	-	-	1.1	2.95	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69	-	-	-	-
BAY 4 WEST WALL	7	11	-	0	294	-	-	6	-	-	-	1.1	2.95	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69	-	-	-	-

Building T363 - Lot 1 (Bay 4) Survey Data

SAMPLE NAME	GRID NAME	5 MIN			1 MIN			5 MIN			1 MIN			1 MIN			ALPHA						BETA						GAMMA	
		ALPHA			BETA			GAM			INSTRUMENT			SMEAR			INSTRUMENT			SMEAR										
		TOTAL	MAX	REM.	TOTAL	MAX	REM.	TOTAL	BACKG	EFACT	AFACT	BACKG	EFACT	BACKG	EFACT	AFACT	BACKG	EFACT	BACKG	EFACT	BACKG	EFACT								
BAY 4 WEST WALL	8	14	-	0	304	-	4		1.1	2.95	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69												
BAY 4 WEST WALL	9	8	-	1	288	-	9		1.1	2.95	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69												
BAY 4 WEST WALL	10	10	-	0	296	-	10		1.1	2.95	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69												
BAY 4 WEST WALL	11	7	-	0	337	-	12		1.1	2.95	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69												
BAY 4 WEST WALL	12	9	-	1	342	-	10		1.1	2.95	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69												
BAY 4 WEST WALL	13	7	-	1	332	-	6		1.1	2.95	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69												
BAY 4 WEST WALL	14	10	-	0	352	-	7		1.1	2.95	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69												
BAY 4 WEST WALL	15	6	-	0	370	-	5		1.1	2.95	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69												
BAY 4 WEST WALL	16	13	-	0	381	-	10		1.1	2.95	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69												
BAY 4 WEST WALL	17	10	-	1	379	-	7		1.1	2.95	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69												
BAY 4 WEST WALL	18	4	-	3	436	591	9		1.1	2.95	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69												
BAY 4 WEST WALL RE	19	13	-	0	391	460	8		1.1	2.95	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69												
BAY 4 CEILING	1	5	-	2	260	-	2		1.6	2.91	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69												
BAY 4 CEILING	2	10	-	1	282	-	6		1.6	2.91	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69												
BAY 4 CEILING	3	12	-	1	255	-	3		1.6	2.91	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69												
BAY 4 CEILING	4	7	-	1	248	-	6		1.6	2.91	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69												
BAY 4 CEILING	5	8	-	2	262	-	10		1.6	2.91	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69												
BAY 4 CEILING	6	9	-	3	291	-	8		1.6	2.91	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69												
BAY 4 CEILING	7	4	-	1	288	-	10		1.6	2.91	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69												
BAY 4 CEILING	8	6	-	0	253	-	7		1.6	2.91	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69												
BAY 4 CEILING	9	8	-	0	270	-	6		1.6	2.91	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69												
BAY 4 CEILING	10	5	-	1	263	-	5		1.6	2.91	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69												
BAY 4 CEILING	11	10	-	2	266	-	6		1.6	2.91	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69												
BAY 4 CEILING	12	3	-	0	248	-	4		1.6	2.91	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69												
BAY 4 CEILING	13	5	-	1	251	-	6		1.6	2.91	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69												
BAY 4 CEILING	14	8	-	0	240	-	5		1.6	2.91	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69												
BAY 4 CEILING	15	9	-	0	254	-	5		1.6	2.91	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69												
BAY 4 CEILING	16	11	-	2	291	-	5		1.6	2.91	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69												
BAY 4 CEILING	17	11	-	1	278	-	8		1.6	2.91	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69												
BAY 4 CEILING	18	10	-	1	287	-	6		1.6	2.91	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69												
BAY 4 CEILING	19	9	-	1	259	-	5		1.6	2.91	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69												
BAY 4 CEILING	20	5	-	2	281	-	4		1.6	2.91	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69												
BAY 4 CEILING	21	7	-	0	243	-	5		1.6	2.91	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69												
BAY 4 CEILING	22	5	-	2	256	-	8		1.6	2.91	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69												
BAY 4 CEILING	23	3	-	0	267	-	6		1.6	2.91	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69												
BAY 4 CEILING	24	7	-	0	270	-	6		1.6	2.91	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69												
BAY 4 CEILING	25	9	-	0	261	-	9		1.6	2.91	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69												
BAY 4 CEILING REMN.	26	3	-	0	243	-	8		1.6	2.91	1.41	0.6	2.81	73.6	7.58	5	3.7	2.69												

Building T363 - Lot 2, Final Survey Data

		5 MIN			1 MIN			5 MIN			1 MIN			1 MIN			ALPHA									BETA						GAMMA		
SAMPLE	GRID	ALPHA			BETA			GAM			INSTRUMENT			SMEAR			INSTRUMENT			SMEAR														
NAME	NAME	TOTAL	MAX	REM.	TOTAL	MAX	REM.	TOTAL	BACKG	EFACT	AFACT	BACKG	EFACT	BACKG	EFACT	AFACT	BACKG	EFACT	BACKG	EFACT	BACKG	EFACT	BACKG	EFACT	BACKG	EFACT	BACKG	EFACT						
OUTSIDE-CONCRETE SLAB	1,2	38	-	6	441	-	12	2681	0.9	3.27	1.41	0.4	2.78	58.7	7.24	5	2.9	2.68	2836	0.0047														
OUTSIDE-CONCRETE SLAB	2,4	46	-	0	399	-	8	2820	0.9	3.27	1.41	0.4	2.78	58.7	7.24	5	2.9	2.68	2836	0.0047														
OUTSIDE-CONCRETE SLAB	3,1	20	-	1	387	-	9	2562	0.9	3.27	1.41	0.4	2.78	58.7	7.24	5	2.9	2.68	2836	0.0047														
OUTSIDE-CONCRETE SLAB	4,6	32	-	0	493	-	8	2486	0.9	3.27	1.41	0.4	2.78	58.7	7.24	5	2.9	2.68	2836	0.0047														
OUTSIDE-CONCRETE SLAB	5,7	22	-	3	428	-	6	2449	0.9	3.27	1.41	0.4	2.78	58.7	7.24	5	2.9	2.68	2836	0.0047														
OUTSIDE-CONCRETE SLAB	6,4	37	-	2	417	-	15	2515	0.9	3.27	1.41	0.4	2.78	58.7	7.24	5	2.9	2.68	2836	0.0047														
OUTSIDE-CONCRETE SLAB	7,9	29	-	1	432	-	10	2521	0.9	3.27	1.41	0.4	2.78	58.7	7.24	5	2.9	2.68	2836	0.0047														
OUTSIDE-CONCRETE SLAB	8,1	33	-	1	411	-	10	2487	0.9	3.27	1.41	0.4	2.78	58.7	7.24	5	2.9	2.68	2836	0.0047														
OUTSIDE-CONCRETE SLAB	9,5	24	-	2	401	-	5	2548	0.9	3.27	1.41	0.4	2.78	58.7	7.24	5	2.9	2.68	2836	0.0047														
OUTSIDE-CONCRETE SLAB	10,4	19	-	1	363	-	7	2139	0.9	3.27	1.41	0.4	2.78	58.7	7.24	5	2.9	2.68	2836	0.0047														
OUTSIDE-CONCRETE SLAB	11,3	26	-	1	447	-	6	2338	0.9	3.27	1.41	0.4	2.78	58.7	7.24	5	2.9	2.68	2836	0.0047														
OUTSIDE-CONCRETE SLAB	12,1	24	-	1	385	-	6	2832	0.9	3.27	1.41	0.4	2.78	58.7	7.24	5	2.9	2.68	2836	0.0047														
OUTSIDE-CONCRETE SLAB	13,4	34	-	1	403	-	4	2731	0.9	3.27	1.41	0.4	2.78	58.7	7.24	5	2.9	2.68	2836	0.0047														
OUTSIDE-CONCRETE SLAB	14,7	40	-	2	431	-	5	2847	0.9	3.27	1.41	0.4	2.78	58.7	7.24	5	2.9	2.68	2836	0.0047														
OUTSIDE-CONCRETE SLAB	15,2	36	-	1	364	-	5	2500	0.9	3.27	1.41	0.4	2.78	58.7	7.24	5	2.9	2.68	2836	0.0047														
OUTSIDE-CONCRETE SLAB	16,3	31	-	5	398	-	8	2536	0.9	3.27	1.41	0.4	2.78	58.7	7.24	5	2.9	2.68	2836	0.0047														
OUTSIDE-CONCRETE SLAB	17,6	45	-	3	392	-	11	2634	0.9	3.27	1.41	0.4	2.78	58.7	7.24	5	2.9	2.68	2836	0.0047														
OUTSIDE-CONCRETE SLAB	18,7	32	-	3	421	-	1	2548	0.9	3.27	1.41	0.4	2.78	58.7	7.24	5	2.9	2.68	2836	0.0047														
OUTSIDE-CONCRETE SLAB	19,1	41	-	0	353	-	6	2253	0.9	3.27	1.41	0.4	2.78	58.7	7.24	5	2.9	2.68	2836	0.0047														
OUTSIDE-CONCRETE SLAB	20,2	28	-	1	415	-	28	2868	0.9	3.27	1.41	0.4	2.78	58.7	7.24	5	2.9	2.68	2836	0.0047														
OUTSIDE-CONCRETE SLAB	21,4	24	-	2	397	-	11	2257	0.9	3.27	1.41	0.4	2.78	58.7	7.24	5	2.9	2.68	2836	0.0047														
OUTSIDE-CONCRETE SLAB	22,6	30	-	0	407	-	9	2087	0.9	3.27	1.41	0.4	2.78	58.7	7.24	5	2.9	2.68	2836	0.0047														
BAY 1-FLOOR	1,7	8	-	2	313	-	18	2608	0.9	3.27	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68	2966	0.0047														
BAY 1-FLOOR	2,18	12	-	2	298	-	10	2673	0.9	3.27	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68	2966	0.0047														
BAY 1-FLOOR	3,21	6	-	1	358	-	13	2482	0.9	3.27	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68	2966	0.0047														
BAY 1-NORTH WALL	4,11	7	-	1	208	-	5		0.9	3.27	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68																
BAY 1-EAST WALL	5,8	9	-	0	293	-	13		0.9	3.27	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68																
BAY 1-EAST WALL	6,16	11	-	0	280	-	4		0.9	3.27	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68																
BAY 1-SOUTH WALL	7,11	8	-	0	210	-	7		0.9	3.27	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68																
BAY 1-WEST WALL	8,8	16	-	2	233	-	12		0.9	3.27	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68																
BAY 1-WEST WALL	9,5	4	-	0	238	-	6		0.9	3.27	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68																
BAY 1-NORTH WALL	10,5	10	-	0	212	-	10		0.9	3.27	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68																
BAY 1-CEILING	11,7	14	-	0	217	-	7		0.9	3.27	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68																
BAY 1-CEILING	12,18	9	-	1	221	-	8		0.9	3.27	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68																
BAY 1-CEILING	13,21	11	-	0	201	-	7		0.9	3.27	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68																
BAY 2-FLOOR	1,12	6	-	2	342	-	10	2786	0.9	3.27	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68	2966	0.0047														
BAY 2-FLOOR	2,15	3	-	1	328	-	13	2824	0.9	3.27	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68	2966	0.0047														
BAY 2-FLOOR	3,13	15	-	1	302	-	8	2794	0.9	3.27	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68	2966	0.0047														
BAY 2-NORTH WALL	4,8	8	-	2	373	-	7		0.9	3.27	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68																

Building T363 - Lot 2, Final Survey Data

		5 MIN		1 MIN	5 MIN		1 MIN	1 MIN			ALPHA					BETA			GAMMA	
SAMPLE	GRID	ALPHA			BETA			GAM	INSTRUMENT			SMEAR		INSTRUMENT			SMEAR			
NAME	NAME	TOTAL	MAX	REM.	TOTAL	MAX	REM.	TOTAL	BACKG	EFAC	AFACT	BACKG	EFAC	BACKG	EFAC	AFACT	BACKG	EFAC	BACKG	EFAC
BAY 2-EAST WALL	5,14	12	-	2	320	-	8		0.9	3.27	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68		
BAY 2-EAST WALL	6,12	9	-	1	317	-	10		0.9	3.27	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68		
BAY 2-SOUTH WALL	7,5	7	-	1	242	-	7		0.9	3.27	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68		
BAY 2-WEST WALL	8,14	15	-	0	320	-	8		0.9	3.27	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68		
BAY 2-WEST WALL	9,12	13	-	1	254	-	10		0.9	3.27	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68		
BAY 2-NORTH WALL	10,9	10	-	2	281	-	7		0.9	3.27	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68		
BAY 2-CEILING	11,12	5	-	1	232	-	6		0.9	3.27	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68		
BAY 2-CEILING	12,15	4	-	0	240	-	5		0.9	3.27	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68		
BAY 2-CEILING	13,13	11	-	2	221	-	6		0.9	3.27	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68		
BAY 3-FLOOR	1,2	12	-	0	368	-	10	2581	1.6	3.01	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68	2966	0.0047
BAY 3-FLOOR	2,20	8	-	1	340	-	10	2796	1.6	3.01	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68	2966	0.0047
BAY 3-FLOOR	3,5	3	-	1	338	-	1	2772	1.6	3.01	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68	2966	0.0047
BAY 3-NORTH WALL	4,12	5	-	0	307	-	8		1.6	3.01	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68		
BAY 3-EAST WALL	5,7	7	-	2	330	-	4		1.6	3.01	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68		
BAY 3-EAST WALL	6,17	6	-	2	332	-	5		1.6	3.01	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68		
BAY 3-SOUTH WALL	7,10	9	-	2	302	-	6		1.6	3.01	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68		
BAY 3-WEST WALL	8,7	8	-	0	336	-	4		1.6	3.01	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68		
BAY 3-WEST WALL	9,17	14	-	0	343	-	8		1.6	3.01	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68		
BAY 3-SOUTH WALL	10,13	6	-	2	328	-	4		1.6	3.01	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68		
BAY 3-CEILING	11,2	10	-	0	289	-	5		1.6	3.01	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68		
BAY 3-CEILING	12,20	8	-	2	305	-	3		1.6	3.01	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68		
BAY 3-CEILING	13,5	11	-	3	315	-	3		1.6	3.01	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68		
RM. 100-EAST WALL	1,7	13	-	2	295	-	12		1.6	3.01	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68		
RM. 100-EAST WALL	2,16	11	-	0	302	-	6		1.6	3.01	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68		
RM. 100-WEST WALL	3,25	7	-	2	317	-	6		1.6	3.01	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68		
RM. 100-WEST WALL	4,34	10	-	2	331	-	6		1.6	3.01	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68		
RM. 100-NORTH WALL	5,39	9	-	0	305	-	3		1.6	3.01	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68		
RM. 100-FLOOR	6,53	10	-	1	320	-	8	1987	1.6	3.01	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68	2966	0.0047
RM. 100-SOUTH WALL	7,57	8	-	2	288	-	6		1.6	3.01	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68		
RM. 100-FLOOR	8,64	12	-	1	340	-	4	2058	1.6	3.01	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68	2966	0.0047
RM. 100-CEILING	9,75	4	-	2	292	-	7		1.6	3.01	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68		
RM. 101-NORTH WALL	1,3	6	-	2	294	-	16		1.6	3.01	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68		
RM. 101-FLOOR	2,10	11	-	0	320	-	7	2056	1.6	3.01	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68	2966	0.0047
RM. 101-SOUTH WALL	3,20	9	-	1	222	-	3		1.6	3.01	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68		
RM. 101-WEST WALL	4,29	8	-	1	309	-	2		1.6	3.01	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68		
RM. 102-WEST WALL	1,3	5	-	3	296	-	3		1.6	3.01	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68		
RM. 102-NORTH WALL	2,13	4	-	0	282	-	2		1.6	3.01	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68		
RM. 102-FLOOR	3,19	8	-	3	232	-	11	2184	1.6	3.01	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68	2966	0.0047

Building T363 - Lot 2, Final Survey Data

		5 MIN			1 MIN			5 MIN			1 MIN			1 MIN			ALPHA						BETA						GAMMA		
SAMPLE NAME	GRID NAME	ALPHA			BETA			GAM			INSTRUMENT			SMEAR			INSTRUMENT			SMEAR											
		TOTAL	MAX	REM.	TOTAL	MAX	REM.	TOTAL	BACKG	EFACT	AFACT	BACKG	EFACT	BACKG	EFACT	AFACT	BACKG	EFACT	BACKG	EFACT	BACKG	EFACT	BACKG	EFACT	BACKG	EFACT					
RM. 102-SOUTH WALL	4,32	4	-	0	291	-	4		1.6	3.01	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68													
RM. 102-EAST WALL	5,44	9	-	0	287	-	4		1.6	3.01	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68													
RM. 102-SOUTH WALL	6,47	6	-	2	265	-	16		1.6	3.01	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68													
RM. 102-CEILING	7,58	6	-	0	298	-	1		1.6	3.01	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68													
RM. 103-NORTH WALL	1,3	11	-	1	210	-	4		1.6	3.01	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68													
RM. 103-NORTH WALL	2,12	9	-	1	241	-	2		1.6	3.01	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68													
RM. 103-FLOOR	3,19	8	-	1	306	-	8	2063	1.6	3.01	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68	2966					0.0047							
RM. 103-SOUTH WALL	4,31	10	-	0	293	-	2		1.6	3.01	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68													
RM. 103-WEST WALL	5,42	7	-	0	304	-	6		1.6	3.01	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68													
RM. 103-FLOOR	6,46	4	-	0	334	-	10	2222	1.6	3.01	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68	2966					0.0047							
RM. 103-CEILING	7,54	6	-	1	221	-	8		1.6	3.01	1.41	0.4	2.78	71.6	7.57	5	2.9	2.68													

Appendix B

Building T363

Sample Lots 1 and 2

Final Survey Results

Building T363 - Lot 1 (Bay 4) Survey Results

SAMPLE NAME	GRID NAME	ALPHA						BETA						GAMMA	
		(DPM/100CM2)						(DPM/100CM2)						(uR/hr)	
		TOTAL	STD DEV	MAX	STD DEV	REM.	STD DEV	TOTAL	STD DEV	MAX	STD DEV	REM.	STD DEV	TOTAL	STD DEV
BAY 4 FLOOR	1	3.71	2.79	-	-	1.12	3.55	173.60	269.22	3289.72	315.48	8.88	8.80	-0.16	0.34
BAY 4 FLOOR	2	3.71	2.79	-	-	1.12	3.55	-468.72	258.66	-	-	3.50	7.93	-0.53	0.34
BAY 4 FLOOR	3	11.12	3.73	-	-	1.12	3.55	-546.84	257.34	512.12	274.62	3.50	7.93	-0.91	0.34
BAY 4 FLOOR	4	7.82	3.34	-	-	3.93	4.53	-737.80	254.10	-	-	6.19	8.38	-0.84	0.34
BAY 4 FLOOR	5	2.06	2.54	-	-	-1.69	2.18	-182.28	263.42	-	-	6.19	8.38	0.05	0.34
BAY 4 FLOOR	6	3.71	2.79	-	-	-1.69	2.18	-859.32	252.02	-	-	41.16	12.82	-0.26	0.34
BAY 4 FLOOR	7	6.18	3.14	-	-	-1.69	2.18	-1015.56	249.31	-	-	-4.57	6.42	-0.08	0.34
BAY 4 FLOOR	8	12.76	3.91	-	-	1.12	3.55	-885.36	251.57	-	-	3.50	7.93	0.22	0.34
BAY 4 FLOOR	9	4.12	3.19	-	-	-1.69	2.18	-946.12	250.52	-	-	6.19	8.38	0.39	0.34
BAY 4 FLOOR	10	2.47	2.97	-	-	1.12	3.55	-1154.44	246.88	-	-	3.50	7.93	0.40	0.34
BAY 4 FLOOR	11	0.82	2.73	-	-	3.93	4.53	-1310.68	244.12	-	-	0.81	7.46	0.04	0.34
BAY 4 FLOOR	12	8.23	3.68	-	-	-1.69	2.18	-677.04	255.14	-	-	3.50	7.93	-0.05	0.34
BAY 4 FLOOR	13	4.94	3.29	-	-	1.12	3.55	-729.12	254.25	-	-	3.50	7.93	0.98	0.35
BAY 4 FLOOR	14	10.70	3.95	-	-	-1.69	2.18	-685.72	254.99	-	-	22.33	10.66	-0.41	0.34
BAY 4 FLOOR	15	2.47	2.97	-	-	-1.69	2.18	41.63	203.76	-	-	11.57	9.20	-0.02	0.34
BAY 4 FLOOR	16	3.29	3.08	-	-	9.55	6.03	-208.18	199.06	-	-	14.26	9.59	0.36	0.35
BAY 4 FLOOR	17	4.94	3.29	-	-	1.12	3.55	412.57	210.54	-	-	14.26	9.59	0.06	0.34
BAY 4 FLOOR	18	5.76	3.40	-	-	1.12	3.55	26.49	203.48	-	-	-1.88	6.96	0.03	0.34
BAY 4 FLOOR	19	9.88	3.86	-	-	-1.69	2.18	654.81	214.85	-	-	11.57	9.20	-0.26	0.34
BAY 4 FLOOR	20	3.29	3.08	-	-	6.74	5.33	1752.46	233.38	3758.51	263.92	19.64	10.31	0.60	0.35
BAY 4 FLOOR	21	7.41	3.59	-	-	-1.69	2.18	-283.88	197.62	-	-	22.33	10.66	-1.15	0.33
BAY 4 FLOOR	22	0.82	2.73	-	-	3.93	4.53	677.52	215.25	-	-	22.33	10.66	-0.86	0.34
BAY 4 FLOOR	23	9.06	3.77	-	-	-1.69	2.18	-208.18	199.06	-	-	22.33	10.66	-0.50	0.34
BAY 4 FLOOR	24	4.12	3.19	-	-	-1.69	2.18	897.05	219.07	2623.01	247.10	33.09	11.94	-0.18	0.34
BAY 4 FLOOR	25	4.94	3.29	-	-	6.74	5.33	-109.77	200.93	-	-	-4.57	6.42	0.43	0.35
BAY 4 FLOOR REMNANT	26	6.59	3.49	-	-	3.93	4.53	359.58	209.58	-	-	11.57	9.20	0.29	0.34
BAY 4 EAST WALL	1	-7.93	3.49	-	-	1.12	3.55	-150.36	182.12	293.56	190.65	11.57	9.20		
BAY 4 EAST WALL	2	-6.26	3.69	-	-	-1.69	2.18	-107.40	182.97	-	-	6.19	8.38		
BAY 4 EAST WALL	3	-3.76	3.96	-	-	-1.69	2.18	-186.16	181.42	-	-	3.50	7.93		
BAY 4 EAST WALL	4	-4.59	3.87	-	-	1.12	3.55	50.12	186.02	-	-	8.88	8.80		
BAY 4 EAST WALL	5	-2.92	4.05	-	-	1.12	3.55	-121.72	182.69	-	-	0.81	7.46		
BAY 4 EAST WALL	6	6.26	4.90	-	-	3.93	4.53	-229.12	180.57	-	-	76.13	16.07		
BAY 4 EAST WALL	7	-2.09	4.13	-	-	1.12	3.55	-85.92	183.39	-	-	6.19	8.38		
BAY 4 EAST WALL	8	3.76	4.68	-	-	-1.69	2.18	0.00	185.06	-	-	14.26	9.59		
BAY 4 EAST WALL	9	-3.76	3.96	-	-	1.12	3.55	-200.48	181.14	-	-	-1.88	6.96		
BAY 4 EAST WALL	10	2.09	4.53	-	-	-1.69	2.18	-257.76	180.00	-	-	19.64	10.31		
BAY 4 EAST WALL	11	-0.42	4.30	-	-	9.55	6.03	-171.84	181.70	-	-	19.64	10.31		
BAY 4 EAST WALL	12	5.43	4.83	-	-	-1.69	2.18	-264.92	179.86	-	-	11.57	9.20		
BAY 4 EAST WALL	13	7.93	5.04	-	-	1.12	3.55	-143.20	182.26	-	-	11.57	9.20		
BAY 4 EAST WALL	14	1.25	4.46	-	-	1.12	3.55	-207.64	180.99	-	-	16.95	9.96		

Building T363 - Lot 1 (Bay 4) Survey Results

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SAMPLE NAME	GRID NAME	ALPHA (DPM/100CM2)						BETA (DPM/100CM2)						GAMMA (uR/hr)	
		TOTAL	STD DEV	MAX	STD DEV	REM.	STD DEV	TOTAL	STD DEV	MAX	STD DEV	REM.	STD DEV	TOTAL	STD DEV
BAY 4 EAST WALL	15	-6.26	3.69	-	-	1.12	3.55	-57.28	183.94	-	-	3.50	7.93		
BAY 4 EAST WALL	16	-4.59	3.87	-	-	3.93	4.53	-14.32	184.78	-	-	8.88	8.80		
BAY 4 EAST WALL	17	0.42	4.38	-	-	6.74	5.33	-157.52	181.98	-	-	8.88	8.80		
BAY 4 EAST WALL	18	3.76	4.68	-	-	-1.69	2.18	-100.24	183.11	-	-	11.57	9.20		
BAY 4 EAST WALL REM	19	-3.76	3.96	-	-	1.12	3.55	-286.40	179.43	-	-	8.88	8.80		
BAY 4 NORTH WALL	1	-1.25	4.22	-	-	6.74	5.33	-14.32	184.78	-	-	22.33	10.66		
BAY 4 NORTH WALL	2	-4.59	3.87	-	-	-1.69	2.18	229.12	189.44	-	-	27.71	11.32		
BAY 4 NORTH WALL	3	-3.76	3.96	-	-	1.12	3.55	-257.76	180.00	-	-	3.50	7.93		
BAY 4 NORTH WALL	4	1.25	4.46	-	-	3.93	4.53	-350.84	178.14	-	-	22.33	10.66		
BAY 4 NORTH WALL	5	-2.09	4.13	-	-	1.12	3.55	-229.12	180.57	-	-	6.19	8.38		
BAY 4 NORTH WALL	6	-3.76	3.96	-	-	-1.69	2.18	-128.88	182.54	-	-	54.61	14.16		
BAY 4 NORTH WALL	7	2.09	4.53	-	-	1.12	3.55	-186.16	181.42	-	-	0.81	7.46		
BAY 4 NORTH WALL	8	-5.43	3.78	-	-	1.12	3.55	-307.88	179.00	-	-	3.50	7.93		
BAY 4 NORTH WALL	9	-1.25	4.22	-	-	1.12	3.55	-207.64	180.99	-	-	14.26	9.59		
BAY 4 NORTH WALL	10	-2.09	4.13	-	-	-1.69	2.18	-279.24	179.57	-	-	41.16	12.82		
BAY 4 NORTH WALL	11	0.42	4.38	-	-	-1.69	2.18	-71.60	183.66	-	-	33.09	11.94		
BAY 4 NORTH WALL	12	-1.25	4.22	-	-	1.12	3.55	-537.00	174.36	-	-	11.57	9.20		
BAY 4 NORTH WALL	13	3.76	4.68	-	-	3.93	4.53	-307.88	179.00	-	-	3.50	7.93		
BAY 4 NORTH WALL RE	14	-4.59	3.87	-	-	-1.69	2.18	-100.24	183.11	-	-	14.26	9.59		
BAY 4 SOUTH WALL	1	3.74	3.28	-	-	-1.69	2.18	-803.48	190.26	-	-	25.02	10.99		
BAY 4 SOUTH WALL	2	2.08	3.06	-	-	6.74	5.33	-629.14	193.70	-	-	22.33	10.66		
BAY 4 SOUTH WALL	3	4.58	3.38	-	-	-1.69	2.18	-507.86	196.06	-	-	8.88	8.80		
BAY 4 SOUTH WALL	4	-1.25	2.56	-	-	3.93	4.53	-591.24	194.44	-	-	57.30	14.41		
BAY 4 SOUTH WALL	5	4.58	3.38	-	-	3.93	4.53	-795.90	190.41	-	-	8.88	8.80		
BAY 4 SOUTH WALL	6	7.90	3.77	-	-	3.93	4.53	-735.26	191.61	-	-	46.54	13.37		
BAY 4 SOUTH WALL	7	2.91	3.17	-	-	1.12	3.55	-682.20	192.66	-	-	19.64	10.31		
BAY 4 SOUTH WALL	8	0.42	2.82	-	-	1.12	3.55	-902.02	188.28	-	-	16.95	9.96		
BAY 4 SOUTH WALL	9	3.74	3.28	-	-	1.12	3.55	-1038.46	185.52	-	-	8.88	8.80		
BAY 4 SOUTH WALL	10	2.08	3.06	-	-	-1.69	2.18	-939.92	187.52	-	-	8.88	8.80		
BAY 4 SOUTH WALL	11	0.42	2.82	-	-	1.12	3.55	-795.90	190.41	-	-	6.19	8.38		
BAY 4 SOUTH WALL	12	2.91	3.17	-	-	1.12	3.55	-644.30	193.40	-	-	8.88	8.80		
BAY 4 SOUTH WALL	13	5.41	3.48	-	-	3.93	4.53	-985.40	186.60	-	-	3.50	7.93		
BAY 4 SOUTH WALL RE	14	0.42	2.82	-	-	1.12	3.55	-697.36	192.36	-	-	0.81	7.46		
BAY 4 WEST WALL	1	-2.08	2.43	-	-	1.12	3.55	-348.68	199.11	-	-	3.50	7.93		
BAY 4 WEST WALL	2	2.91	3.17	-	-	1.12	3.55	-477.54	196.64	-	-	11.57	9.20		
BAY 4 WEST WALL	3	-0.42	2.70	-	-	-1.69	2.18	-576.08	194.73	-	-	19.64	10.31		
BAY 4 WEST WALL	4	2.08	3.06	-	-	1.12	3.55	-538.18	195.47	-	-	0.81	7.46		
BAY 4 WEST WALL	5	0.42	2.82	-	-	1.12	3.55	-439.64	197.37	-	-	3.50	7.93		
BAY 4 WEST WALL	6	-0.42	2.70	-	-	-1.69	2.18	-454.80	197.08	-	-	6.19	8.38		
BAY 4 WEST WALL	7	4.58	3.38	-	-	-1.69	2.18	-560.92	195.03	-	-	6.19	8.38		

Building T363 - Lot 1 (Bay 4) Survey Results

SAMPLE NAME	GRID NAME	ALPHA						BETA						GAMMA	
		(DPM/100CM2)						(DPM/100CM2)						(uR/hr)	
		TOTAL	STD DEV	MAX	STD DEV	REM.	STD DEV	TOTAL	STD DEV	MAX	STD DEV	REM.	STD DEV	TOTAL	STD DEV
BAY 4 WEST WALL	8	7.07	3.67	-	-	-1.69	2.18	-485.12	196.50	-	-	0.81	7.46		
BAY 4 WEST WALL	9	2.08	3.06	-	-	1.12	3.55	-606.40	194.14	-	-	14.26	9.59		
BAY 4 WEST WALL	10	3.74	3.28	-	-	-1.69	2.18	-545.76	195.32	-	-	16.95	9.96		
BAY 4 WEST WALL	11	1.25	2.94	-	-	-1.69	2.18	-234.98	201.26	-	-	22.33	10.66		
BAY 4 WEST WALL	12	2.91	3.17	-	-	1.12	3.55	-197.08	201.98	-	-	16.95	9.96		
BAY 4 WEST WALL	13	1.25	2.94	-	-	1.12	3.55	-272.88	200.55	-	-	6.19	8.38		
BAY 4 WEST WALL	14	3.74	3.28	-	-	-1.69	2.18	-121.28	203.39	-	-	8.88	8.80		
BAY 4 WEST WALL	15	0.42	2.82	-	-	-1.69	2.18	15.16	205.92	-	-	3.50	7.93		
BAY 4 WEST WALL	16	6.24	3.58	-	-	-1.69	2.18	98.54	207.45	-	-	16.95	9.96		
BAY 4 WEST WALL	17	3.74	3.28	-	-	1.12	3.55	83.38	207.17	-	-	8.88	8.80		
BAY 4 WEST WALL	18	-1.25	2.56	-	-	6.74	5.33	515.44	214.93	1690.34	234.74	14.26	9.59		
BAY 4 WEST WALL REM	19	6.24	3.58	-	-	-1.69	2.18	174.34	208.83	697.36	218.11	11.57	9.20		
BAY 4 CEILING	1	-2.46	2.96	-	-	3.93	4.53	-818.64	189.95	-	-	-4.57	6.42		
BAY 4 CEILING	2	1.64	3.48	-	-	1.12	3.55	-651.88	193.25	-	-	6.19	8.38		
BAY 4 CEILING	3	3.28	3.67	-	-	1.12	3.55	-856.54	189.20	-	-	-1.88	6.96		
BAY 4 CEILING	4	-0.82	3.18	-	-	1.12	3.55	-909.60	188.13	-	-	6.19	8.38		
BAY 4 CEILING	5	0.00	3.28	-	-	3.93	4.53	-803.48	190.26	-	-	16.95	9.96		
BAY 4 CEILING	6	0.82	3.38	-	-	6.74	5.33	-583.66	194.59	-	-	11.57	9.20		
BAY 4 CEILING	7	-3.28	2.84	-	-	1.12	3.55	-606.40	194.14	-	-	16.95	9.96		
BAY 4 CEILING	8	-1.64	3.07	-	-	-1.69	2.18	-871.70	188.89	-	-	8.88	8.80		
BAY 4 CEILING	9	0.00	3.28	-	-	-1.69	2.18	-742.84	191.46	-	-	6.19	8.38		
BAY 4 CEILING	10	-2.46	2.96	-	-	1.12	3.55	-795.90	190.41	-	-	3.50	7.93		
BAY 4 CEILING	11	1.64	3.48	-	-	3.93	4.53	-773.16	190.86	-	-	6.19	8.38		
BAY 4 CEILING	12	-4.10	2.72	-	-	-1.69	2.18	-909.60	188.13	-	-	0.81	7.46		
BAY 4 CEILING	13	-2.46	2.96	-	-	1.12	3.55	-886.86	188.59	-	-	6.19	8.38		
BAY 4 CEILING	14	0.00	3.28	-	-	-1.69	2.18	-970.24	186.91	-	-	3.50	7.93		
BAY 4 CEILING	15	0.82	3.38	-	-	-1.69	2.18	-864.12	189.04	-	-	3.50	7.93		
BAY 4 CEILING	16	2.46	3.58	-	-	3.93	4.53	-583.66	194.59	-	-	3.50	7.93		
BAY 4 CEILING	17	2.46	3.58	-	-	1.12	3.55	-682.20	192.66	-	-	11.57	9.20		
BAY 4 CEILING	18	1.64	3.48	-	-	1.12	3.55	-613.98	193.99	-	-	6.19	8.38		
BAY 4 CEILING	19	0.82	3.38	-	-	1.12	3.55	-826.22	189.80	-	-	3.50	7.93		
BAY 4 CEILING	20	-2.46	2.96	-	-	3.93	4.53	-659.46	193.10	-	-	0.81	7.46		
BAY 4 CEILING	21	-0.82	3.18	-	-	-1.69	2.18	-947.50	187.37	-	-	3.50	7.93		
BAY 4 CEILING	22	-2.46	2.96	-	-	3.93	4.53	-848.96	189.35	-	-	11.57	9.20		
BAY 4 CEILING	23	-4.10	2.72	-	-	-1.69	2.18	-765.58	191.01	-	-	6.19	8.38		
BAY 4 CEILING	24	-0.82	3.18	-	-	-1.69	2.18	-742.84	191.46	-	-	6.19	8.38		
BAY 4 CEILING	25	0.82	3.38	-	-	-1.69	2.18	-811.06	190.11	-	-	14.26	9.59		
BAY 4 CEILING REMN.	26	-4.10	2.72	-	-	-1.69	2.18	-947.50	187.37	-	-	11.57	9.20		

Building T363 - Lot 2, Final Survey Results

SAMPLE NAME	GRID NAME	ALPHA						BETA						GAMMA	
		(DPM/100CM2)						(DPM/100CM2)						(uR/hr)	
		TOTAL	STD DEV	MAX	STD DEV	REM.	STD DEV	TOTAL	STD DEV	MAX	STD DEV	REM.	STD DEV	TOTAL	STD DEV
OUTSIDE-CONCRETE SI	1,2	30.89	6.01	-	-	15.57	7.03	1067.90	196.22	-	-	24.39	10.34	-0.72	0.35
OUTSIDE-CONCRETE SI	2,4	38.27	6.55	-	-	-1.11	1.76	763.82	190.52	-	-	13.67	8.85	-0.07	0.35
OUTSIDE-CONCRETE SI	3,1	14.29	4.56	-	-	1.67	3.29	676.94	188.87	-	-	16.35	9.25	-1.27	0.34
OUTSIDE-CONCRETE SI	4,6	25.36	5.57	-	-	-1.11	1.76	1444.38	203.04	-	-	13.67	8.85	-1.63	0.34
OUTSIDE-CONCRETE SI	5,7	16.14	4.75	-	-	7.23	5.13	973.78	194.47	-	-	8.31	8.00	-1.80	0.34
OUTSIDE-CONCRETE SI	6,4	29.97	5.94	-	-	4.45	4.31	894.14	192.98	-	-	32.43	11.34	-1.49	0.34
OUTSIDE-CONCRETE SI	7,9	22.59	5.34	-	-	1.67	3.29	1002.74	195.01	-	-	19.03	9.63	-1.46	0.34
OUTSIDE-CONCRETE SI	8,1	26.28	5.65	-	-	1.67	3.29	850.70	192.17	-	-	19.03	9.63	-1.62	0.34
OUTSIDE-CONCRETE SI	9,5	17.98	4.92	-	-	4.45	4.31	778.30	190.80	-	-	5.63	7.53	-1.34	0.34
OUTSIDE-CONCRETE SI	10,4	13.37	4.47	-	-	1.67	3.29	503.18	185.51	-	-	10.99	8.43	-3.24	0.33
OUTSIDE-CONCRETE SI	11,3	19.83	5.09	-	-	1.67	3.29	1111.34	197.02	-	-	8.31	8.00	-2.32	0.33
OUTSIDE-CONCRETE SI	12,1	17.98	4.92	-	-	1.67	3.29	662.46	188.59	-	-	8.31	8.00	-0.02	0.35
OUTSIDE-CONCRETE SI	13,4	27.20	5.72	-	-	1.67	3.29	792.78	191.07	-	-	2.95	7.04	-0.49	0.35
OUTSIDE-CONCRETE SI	14,7	32.74	6.15	-	-	4.45	4.31	995.50	194.88	-	-	5.63	7.53	0.05	0.35
OUTSIDE-CONCRETE SI	15,2	29.05	5.87	-	-	1.67	3.29	510.42	185.65	-	-	5.63	7.53	-1.56	0.34
OUTSIDE-CONCRETE SI	16,3	24.44	5.49	-	-	12.79	6.46	756.58	190.39	-	-	13.67	8.85	-1.40	0.34
OUTSIDE-CONCRETE SI	17,6	37.35	6.49	-	-	7.23	5.13	713.14	189.56	-	-	21.71	9.99	-0.94	0.34
OUTSIDE-CONCRETE SI	18,7	25.36	5.57	-	-	7.23	5.13	923.10	193.53	-	-	-5.09	5.29	-1.34	0.34
OUTSIDE-CONCRETE SI	19,1	33.66	6.22	-	-	-1.11	1.76	430.78	184.09	-	-	8.31	8.00	-2.71	0.33
OUTSIDE-CONCRETE SI	20,2	21.67	5.26	-	-	1.67	3.29	879.66	192.71	-	-	67.27	14.90	0.15	0.35
OUTSIDE-CONCRETE SI	21,4	17.98	4.92	-	-	4.45	4.31	749.34	190.25	-	-	21.71	9.99	-2.69	0.33
OUTSIDE-CONCRETE SI	22,6	23.51	5.42	-	-	-1.11	1.76	821.74	191.62	-	-	16.35	9.25	-3.48	0.33
BAY 1-FLOOR	1,7	3.23	3.26	-	-	4.45	4.31	-340.65	196.09	-	-	40.47	12.25	-1.66	0.35
BAY 1-FLOOR	2,18	6.92	3.75	-	-	4.45	4.31	-454.20	193.89	-	-	19.03	9.63	-1.36	0.35
BAY 1-FLOOR	3,21	1.38	2.99	-	-	1.67	3.29	0.00	202.56	-	-	27.07	10.69	-2.25	0.34
BAY 1-NORTH WALL	4,11	2.31	3.13	-	-	1.67	3.29	-1135.50	180.10	-	-	5.63	7.53		
BAY 1-EAST WALL	5,8	4.15	3.39	-	-	-1.11	1.76	-492.05	193.15	-	-	27.07	10.69		
BAY 1-EAST WALL	6,16	5.99	3.63	-	-	-1.11	1.76	-590.46	191.21	-	-	2.95	7.04		
BAY 1-SOUTH WALL	7,11	3.23	3.26	-	-	-1.11	1.76	-1120.36	180.41	-	-	10.99	8.43		
BAY 1-WEST WALL	8,8	10.60	4.18	-	-	4.45	4.31	-946.25	184.03	-	-	24.39	10.34		
BAY 1-WEST WALL	9,5	-0.46	2.69	-	-	-1.11	1.76	-908.40	184.81	-	-	8.31	8.00		
BAY 1-NORTH WALL	10,5	5.07	3.51	-	-	-1.11	1.76	-1105.22	180.73	-	-	19.03	9.63		
BAY 1-CEILING	11,7	8.76	3.97	-	-	-1.11	1.76	-1067.37	181.52	-	-	10.99	8.43		
BAY 1-CEILING	12,18	4.15	3.39	-	-	1.67	3.29	-1037.09	182.15	-	-	13.67	8.85		
BAY 1-CEILING	13,21	5.99	3.63	-	-	-1.11	1.76	-1188.49	178.98	-	-	10.99	8.43		
BAY 2-FLOOR	1,12	1.38	2.99	-	-	4.45	4.31	-121.12	200.28	-	-	19.03	9.63	-0.84	0.35
BAY 2-FLOOR	2,15	-1.38	2.53	-	-	1.67	3.29	-227.10	198.27	-	-	27.07	10.69	-0.66	0.35
BAY 2-FLOOR	3,13	9.68	4.07	-	-	1.67	3.29	-423.92	194.48	-	-	13.67	8.85	-0.80	0.35
BAY 2-NORTH WALL	4,8	3.23	3.26	-	-	4.45	4.31	113.55	204.67	-	-	10.99	8.43		
BAY 2-EAST WALL	5,14	6.92	3.75	-	-	4.45	4.31	-287.66	197.11	-	-	13.67	8.85		
BAY 2-EAST WALL	6,12	4.15	3.39	-	-	1.67	3.29	-310.37	196.67	-	-	19.03	9.63		

Building T363 - Lot 2, Final Survey Results

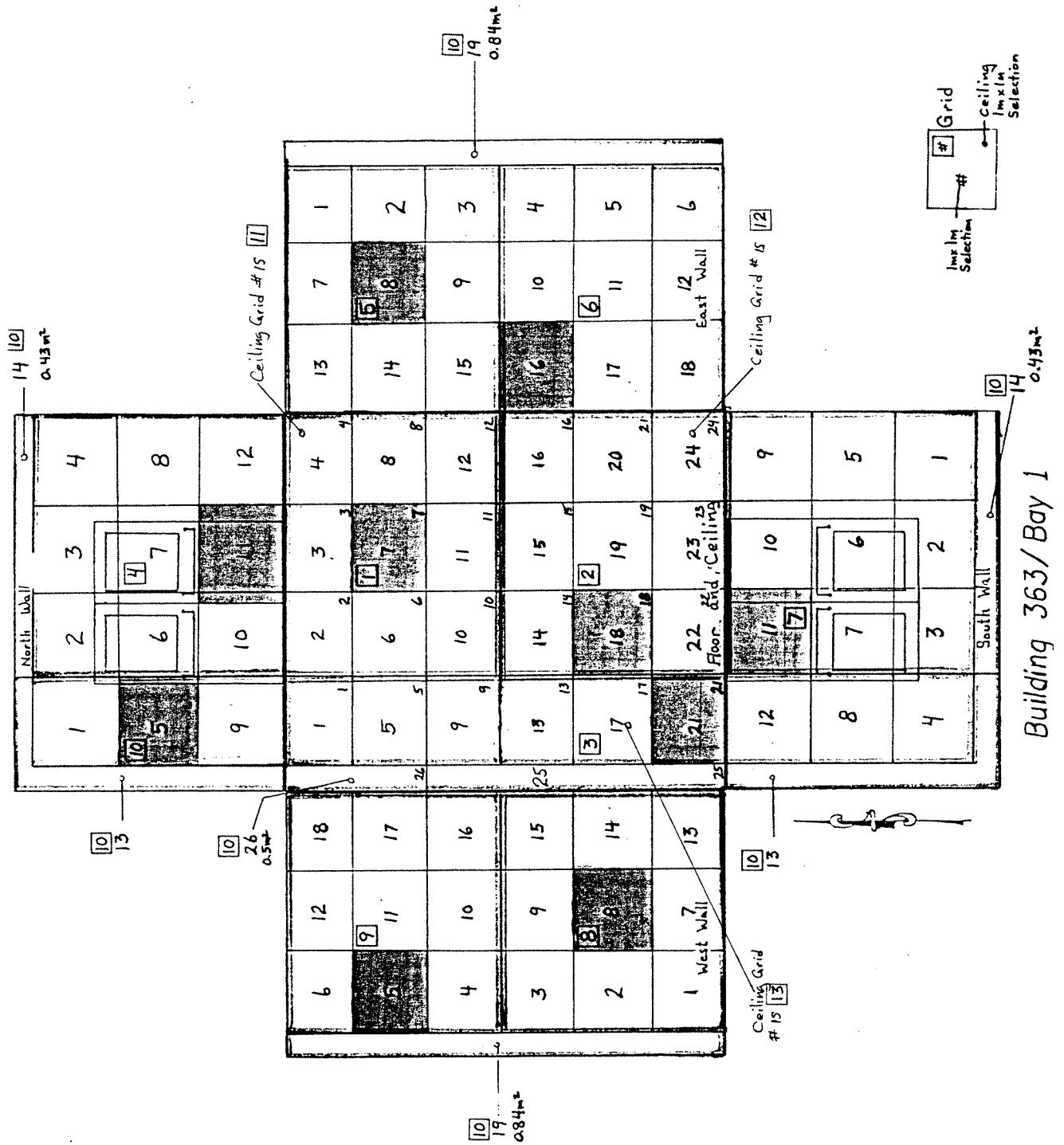
SAMPLE NAME	GRID NAME	ALPHA (DPM/100CM2)						BETA (DPM/100CM2)						GAMMA (uR/hr)	
		TOTAL	STD DEV	MAX	STD DEV	REM.	STD DEV	TOTAL	STD DEV	MAX	STD DEV	REM.	STD DEV	TOTAL	STD DEV
BAY 2-SOUTH WALL	7,5	2.31	3.13	-	-	1.67	3.29	-878.12	185.43	-	-	10.99	8.43		
BAY 2-WEST WALL	8,14	9.68	4.07	-	-	-1.11	1.76	-287.66	197.11	-	-	13.67	8.85		
BAY 2-WEST WALL	9,12	7.84	3.86	-	-	1.67	3.29	-787.28	187.27	-	-	19.03	9.63		
BAY 2-NORTH WALL	10,9	5.07	3.51	-	-	4.45	4.31	-582.89	191.36	-	-	10.99	8.43		
BAY 2-CEILING	11,12	0.46	2.84	-	-	1.67	3.29	-953.82	183.87	-	-	8.31	8.00		
BAY 2-CEILING	12,15	-0.46	2.69	-	-	-1.11	1.76	-893.26	185.12	-	-	5.63	7.53		
BAY 2-CEILING	13,13	5.99	3.63	-	-	4.45	4.31	-1037.09	182.15	-	-	8.31	8.00		
BAY 3-FLOOR	1,2	3.40	3.80	-	-	-1.11	1.76	75.70	203.97	-	-	19.03	9.63	-1.79	0.35
BAY 3-FLOOR	2,20	0.00	3.40	-	-	1.67	3.29	-136.26	200.00	-	-	19.03	9.63	-0.79	0.35
BAY 3-FLOOR	3,5	-4.24	2.82	-	-	1.67	3.29	-151.40	199.71	-	-	-5.09	5.29	-0.90	0.35
BAY 3-NORTH WALL	4,12	-2.55	3.06	-	-	-1.11	1.76	-386.07	195.21	-	-	13.67	8.85		
BAY 3-EAST WALL	5,7	-0.85	3.29	-	-	4.45	4.31	-211.96	198.56	-	-	2.95	7.04		
BAY 3-EAST WALL	6,17	-1.70	3.18	-	-	4.45	4.31	-196.82	198.85	-	-	5.63	7.53		
BAY 3-SOUTH WALL	7,10	0.85	3.50	-	-	4.45	4.31	-423.92	194.48	-	-	8.31	8.00		
BAY 3-WEST WALL	8,7	0.00	3.40	-	-	-1.11	1.76	-166.54	199.42	-	-	2.95	7.04		
BAY 3-WEST WALL	9,17	5.09	3.98	-	-	-1.11	1.76	-113.55	200.43	-	-	13.67	8.85		
BAY 3-SOUTH WALL	10,13	-1.70	3.18	-	-	4.45	4.31	-227.10	198.27	-	-	2.95	7.04		
BAY 3-CEILING	11,2	1.70	3.60	-	-	-1.11	1.76	-522.33	192.55	-	-	5.63	7.53		
BAY 3-CEILING	12,20	0.00	3.40	-	-	4.45	4.31	-401.21	194.92	-	-	0.27	6.51		
BAY 3-CEILING	13,5	2.55	3.70	-	-	7.23	5.13	-325.51	196.38	-	-	0.27	6.51		
RM. 100-EAST WALL	1,7	4.24	3.89	-	-	4.45	4.31	-476.91	193.44	-	-	24.39	10.34		
RM. 100-EAST WALL	2,16	2.55	3.70	-	-	-1.11	1.76	-423.92	194.48	-	-	8.31	8.00		
RM. 100-WEST WALL	3,25	-0.85	3.29	-	-	4.45	4.31	-310.37	196.67	-	-	8.31	8.00		
RM. 100-WEST WALL	4,34	1.70	3.60	-	-	4.45	4.31	-204.39	198.70	-	-	8.31	8.00		
RM. 100-NORTH WALL	5,39	0.85	3.50	-	-	-1.11	1.76	-401.21	194.92	-	-	0.27	6.51		
RM. 100-FLOOR	6,53	1.70	3.60	-	-	1.67	3.29	-287.66	197.11	-	-	13.67	8.85	-4.55	0.33
RM. 100-SOUTH WALL	7,57	0.00	3.40	-	-	4.45	4.31	-529.90	192.40	-	-	8.31	8.00		
RM. 100-FLOOR	8,64	3.40	3.80	-	-	1.67	3.29	-136.26	200.00	-	-	2.95	7.04	-4.22	0.33
RM. 100-CEILING	9,75	-3.40	2.94	-	-	4.45	4.31	-499.62	193.00	-	-	10.99	8.43		
RM. 101-NORTH WALL	1,3	-1.70	3.18	-	-	4.45	4.31	-484.48	193.29	-	-	35.11	11.65		
RM. 101-FLOOR	2,10	2.55	3.70	-	-	-1.11	1.76	-287.66	197.11	-	-	10.99	8.43	-4.23	0.33
RM. 101-SOUTH WALL	3,20	0.85	3.50	-	-	1.67	3.29	-1029.52	182.31	-	-	0.27	6.51		
RM. 101-WEST WALL	4,29	0.00	3.40	-	-	1.67	3.29	-370.93	195.51	-	-	-2.41	5.93		
RM. 102-WEST WALL	1,3	-2.55	3.06	-	-	7.23	5.13	-469.34	193.59	-	-	0.27	6.51		
RM. 102-NORTH WALL	2,13	-3.40	2.94	-	-	-1.11	1.76	-575.32	191.51	-	-	-2.41	5.93		
RM. 102-FLOOR	3,19	0.00	3.40	-	-	7.23	5.13	-953.82	183.87	-	-	21.71	9.99	-3.64	0.33
RM. 102-SOUTH WALL	4,32	-3.40	2.94	-	-	-1.11	1.76	-507.19	192.85	-	-	2.95	7.04		
RM. 102-EAST WALL	5,44	0.85	3.50	-	-	-1.11	1.76	-537.47	192.25	-	-	2.95	7.04		
RM. 102-SOUTH WALL	6,47	-1.70	3.18	-	-	4.45	4.31	-704.01	188.95	-	-	35.11	11.65		
RM. 102-CEILING	7,58	-1.70	3.18	-	-	-1.11	1.76	-454.20	193.89	-	-	-5.09	5.29		
RM. 103-NORTH WALL	1,3	2.55	3.70	-	-	1.67	3.29	-1120.36	180.41	-	-	2.95	7.04		

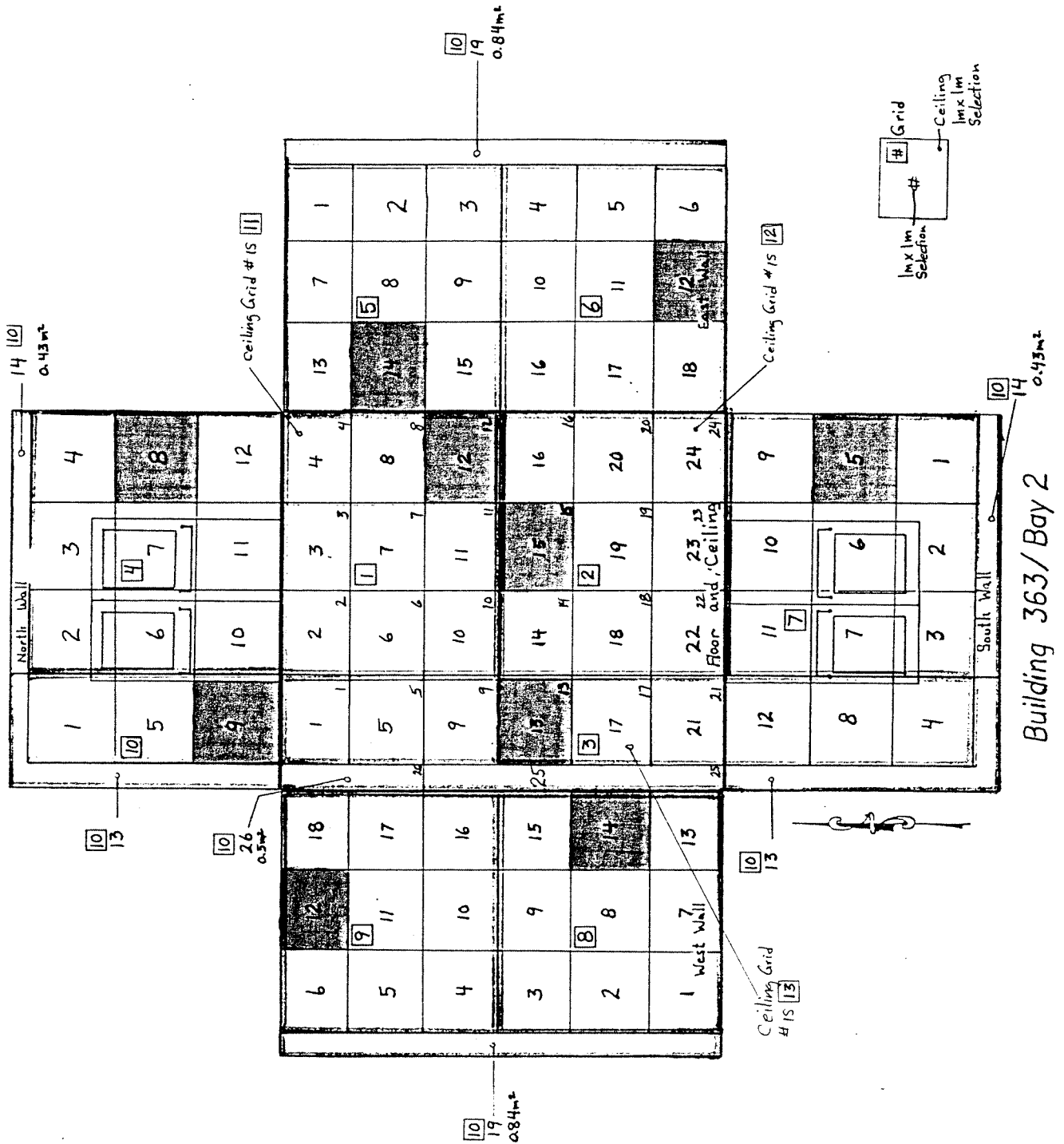
Building T363 - Lot 2, Final Survey Results

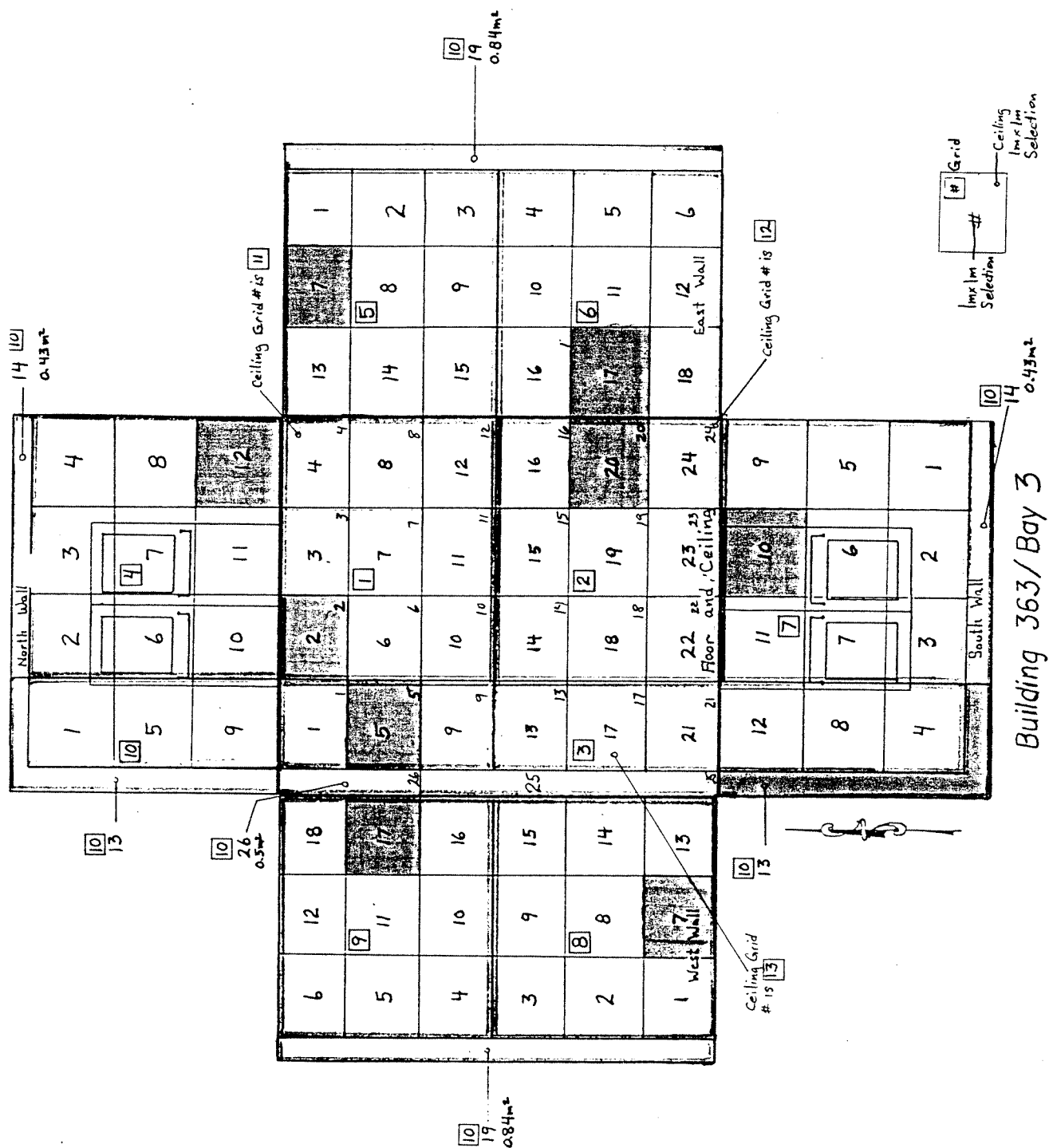
SAMPLE NAME	GRID NAME	ALPHA (DPM/100CM2)						BETA (DPM/100CM2)						GAMMA (uR/hr)	
		TOTAL	STD DEV	MAX	STD DEV	REM.	STD DEV	TOTAL	STD DEV	MAX	STD DEV	REM.	STD DEV	TOTAL	STD DEV
RM. 103-NORTH WALL	2,12	0.85	3.50	-	-	1.67	3.29	-885.69	185.27	-	-	-2.41	5.93		
RM. 103-FLOOR	3,19	0.00	3.40	-	-	1.67	3.29	-393.64	195.07	-	-	13.67	8.85	-4.20	0.33
RM. 103-SOUTH WALL	4,31	1.70	3.60	-	-	-1.11	1.76	-492.05	193.15	-	-	-2.41	5.93		
RM. 103-WEST WALL	5,42	-0.85	3.29	-	-	-1.11	1.76	-408.78	194.77	-	-	8.31	8.00		
RM. 103-FLOOR	6,46	-3.40	2.94	-	-	-1.11	1.76	-181.68	199.14	-	-	19.03	9.63	-3.46	0.33
RM. 103-CEILING	7,54	-1.70	3.18	-	-	1.67	3.29	-1037.09	182.15	-	-	13.67	8.85		

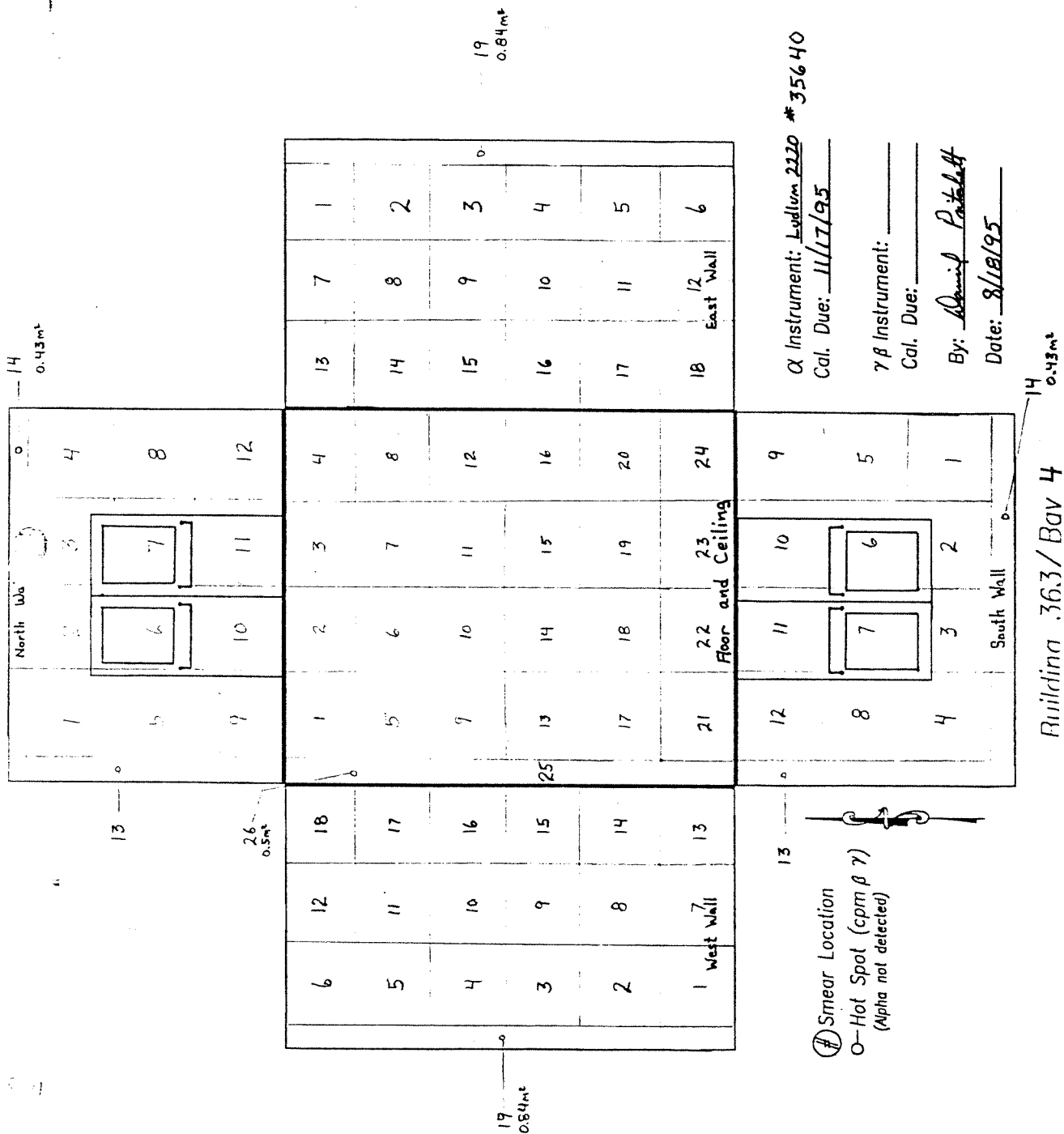
Appendix C

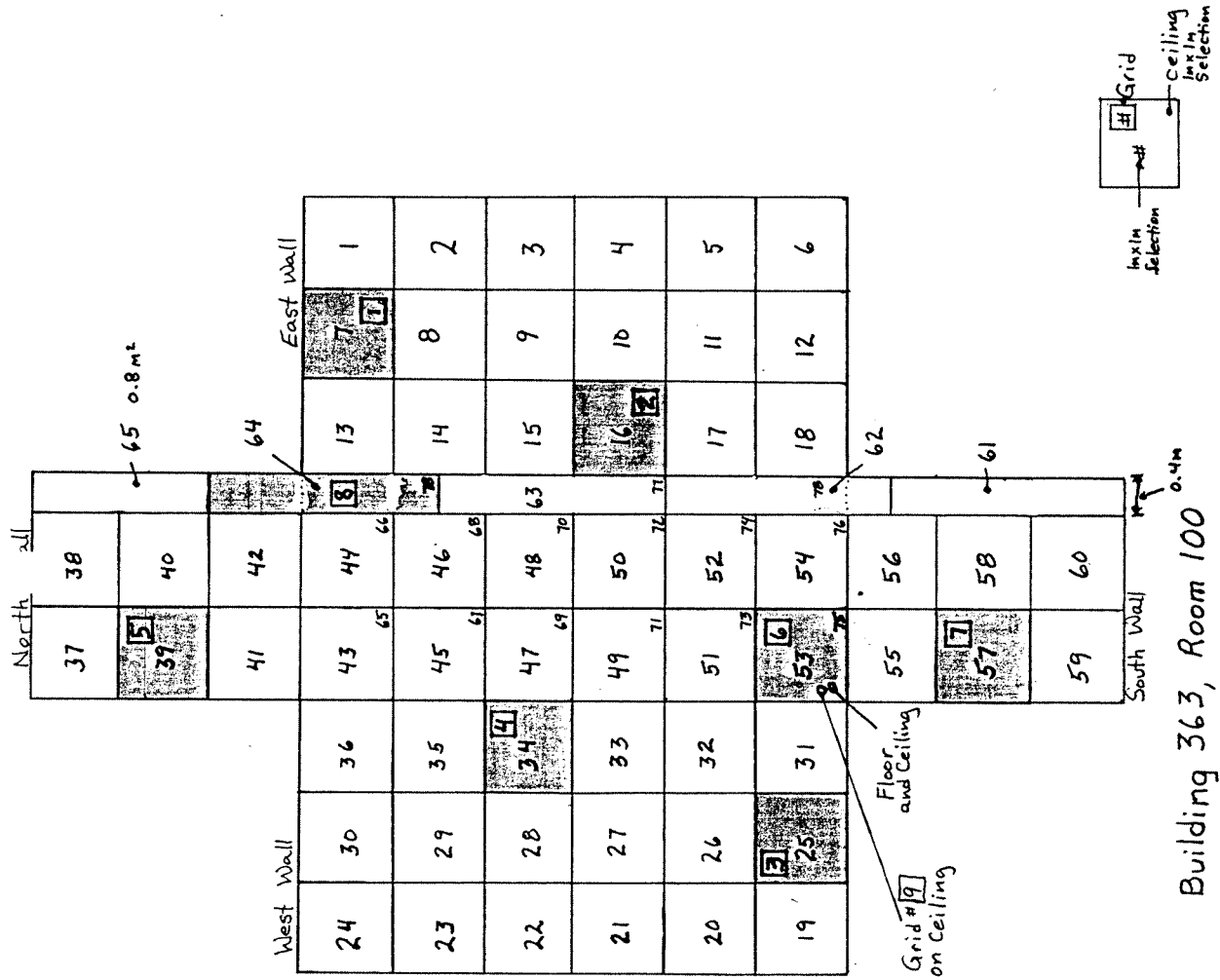
Grid Locations for T363 Survey

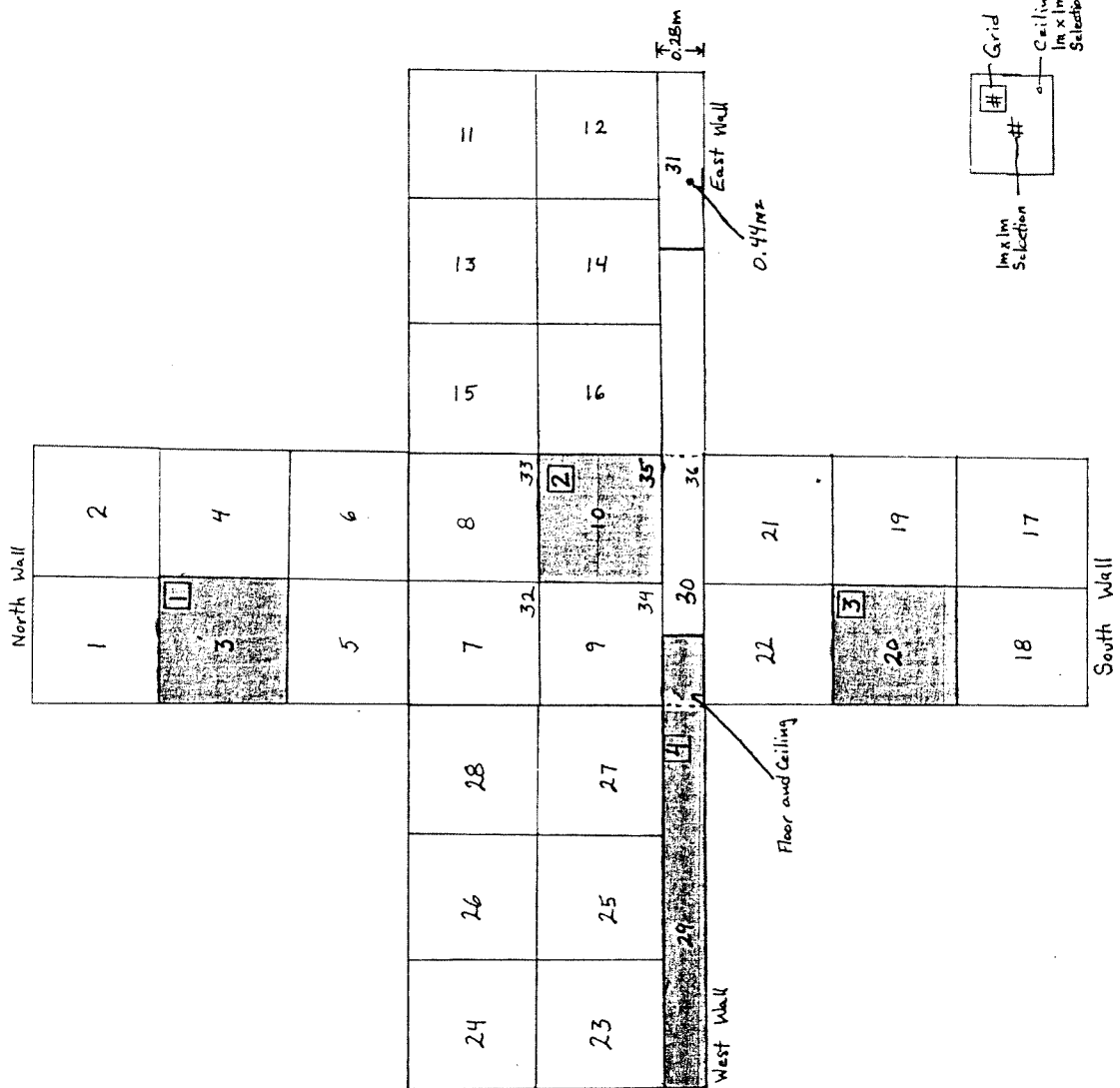




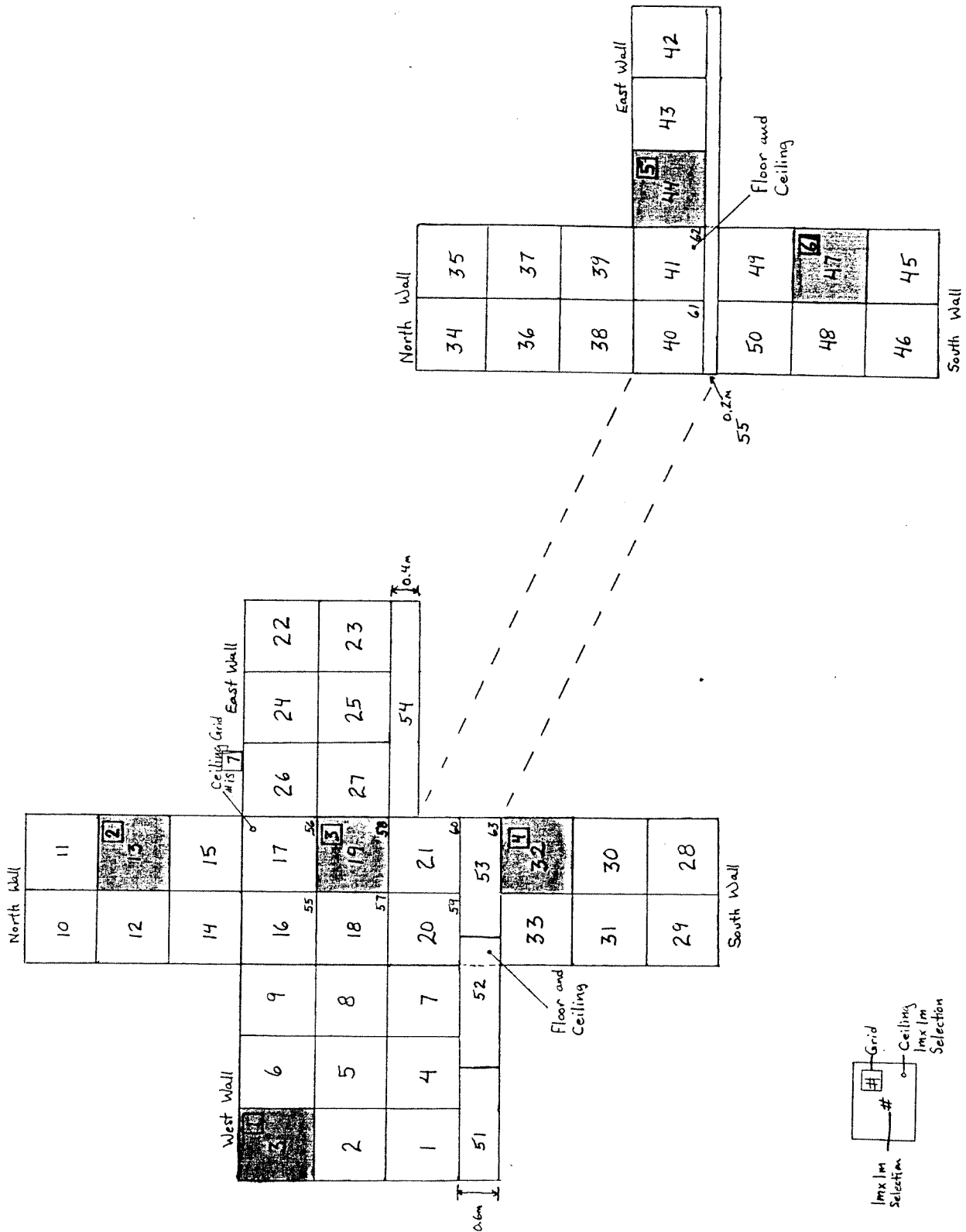


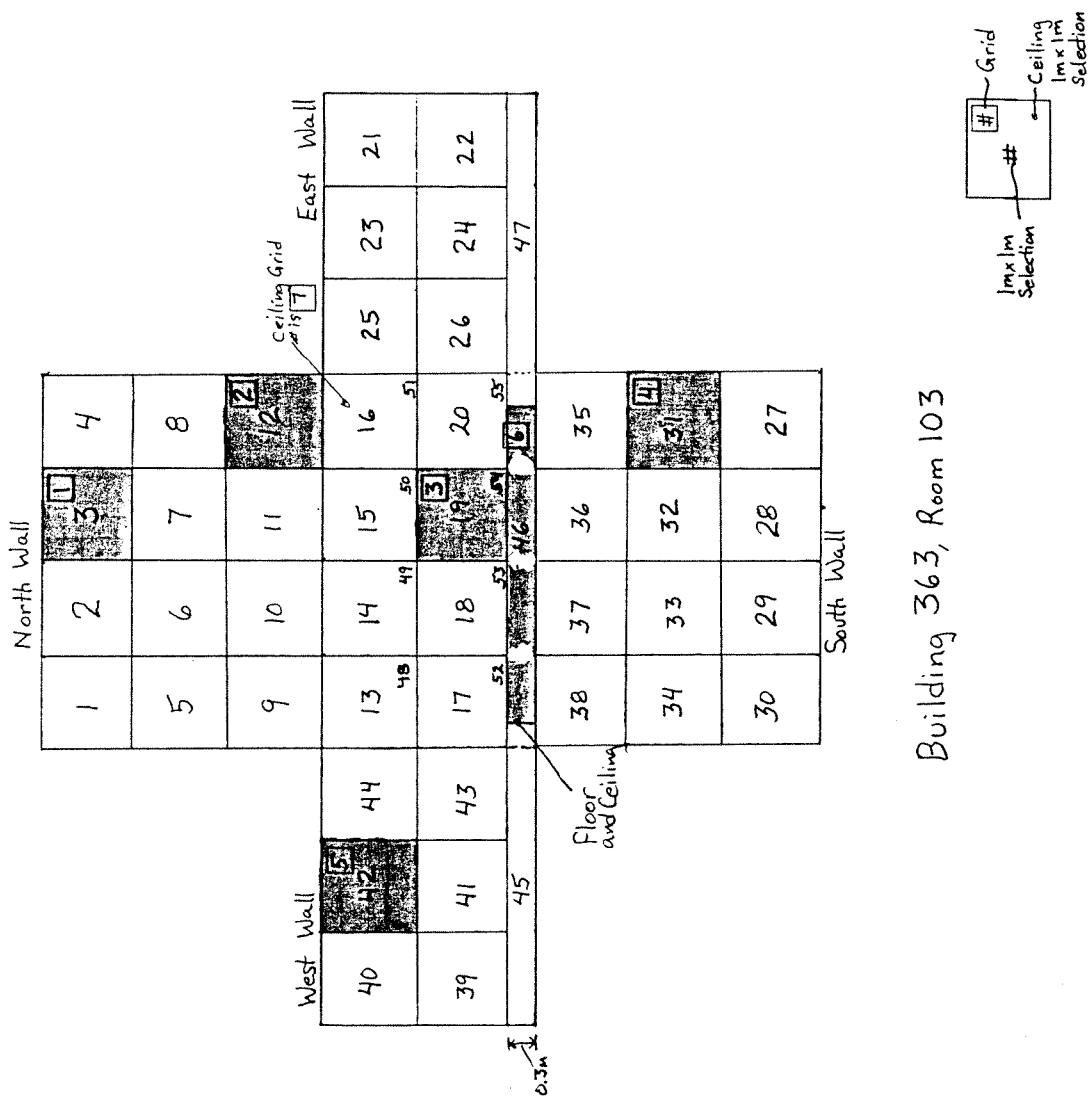


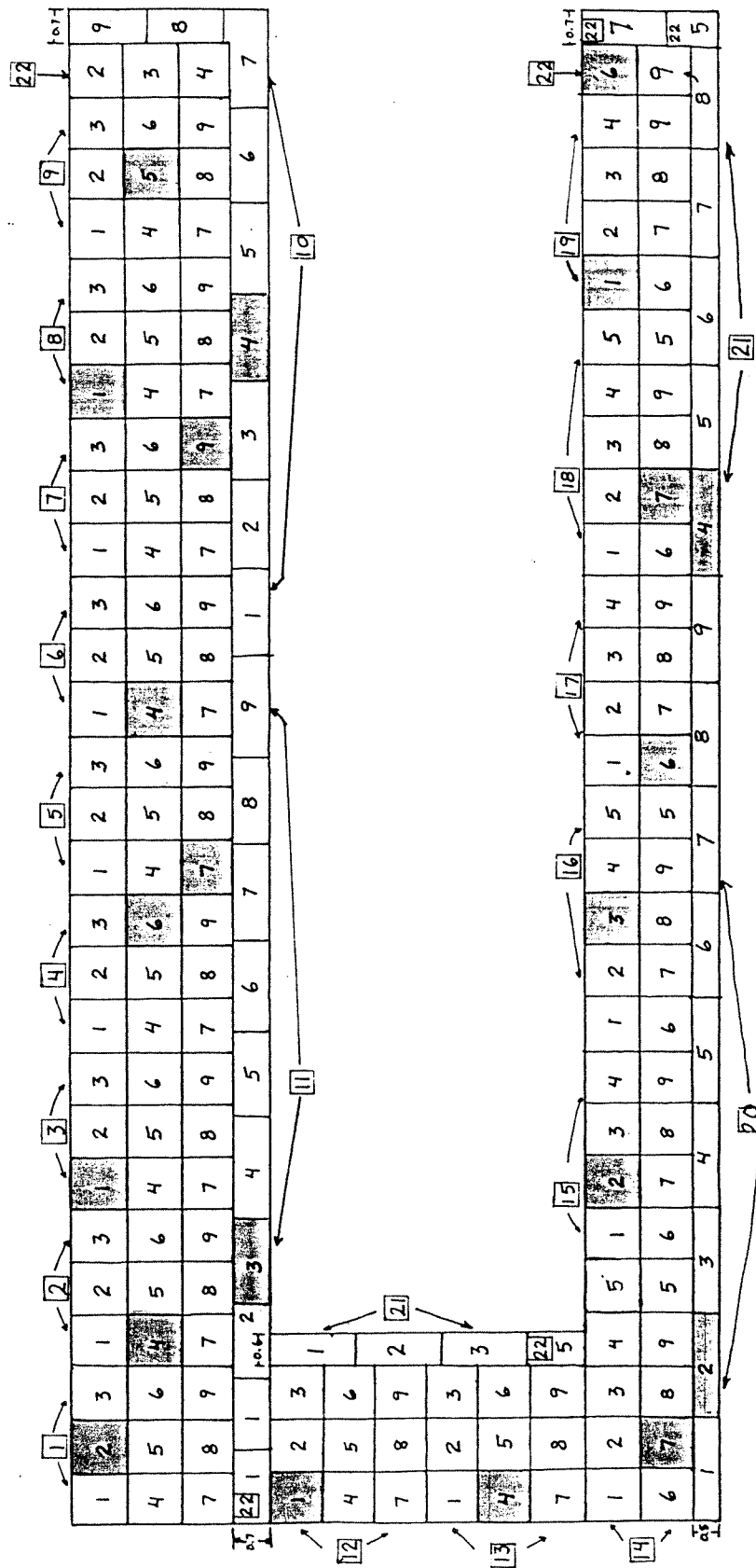




Building 363, Room 101







Building 363 Concrete Slab

Grid
Max. Selection