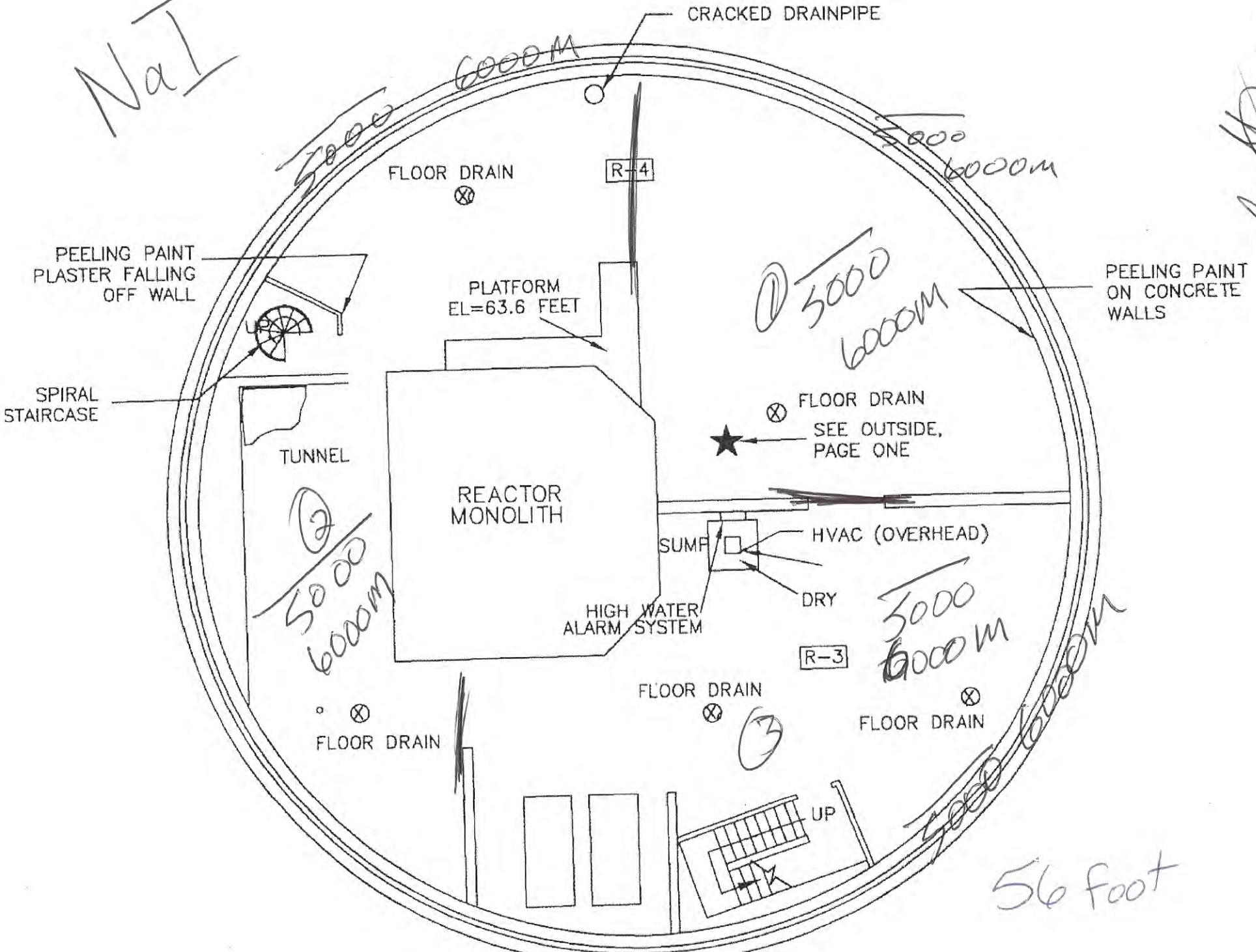




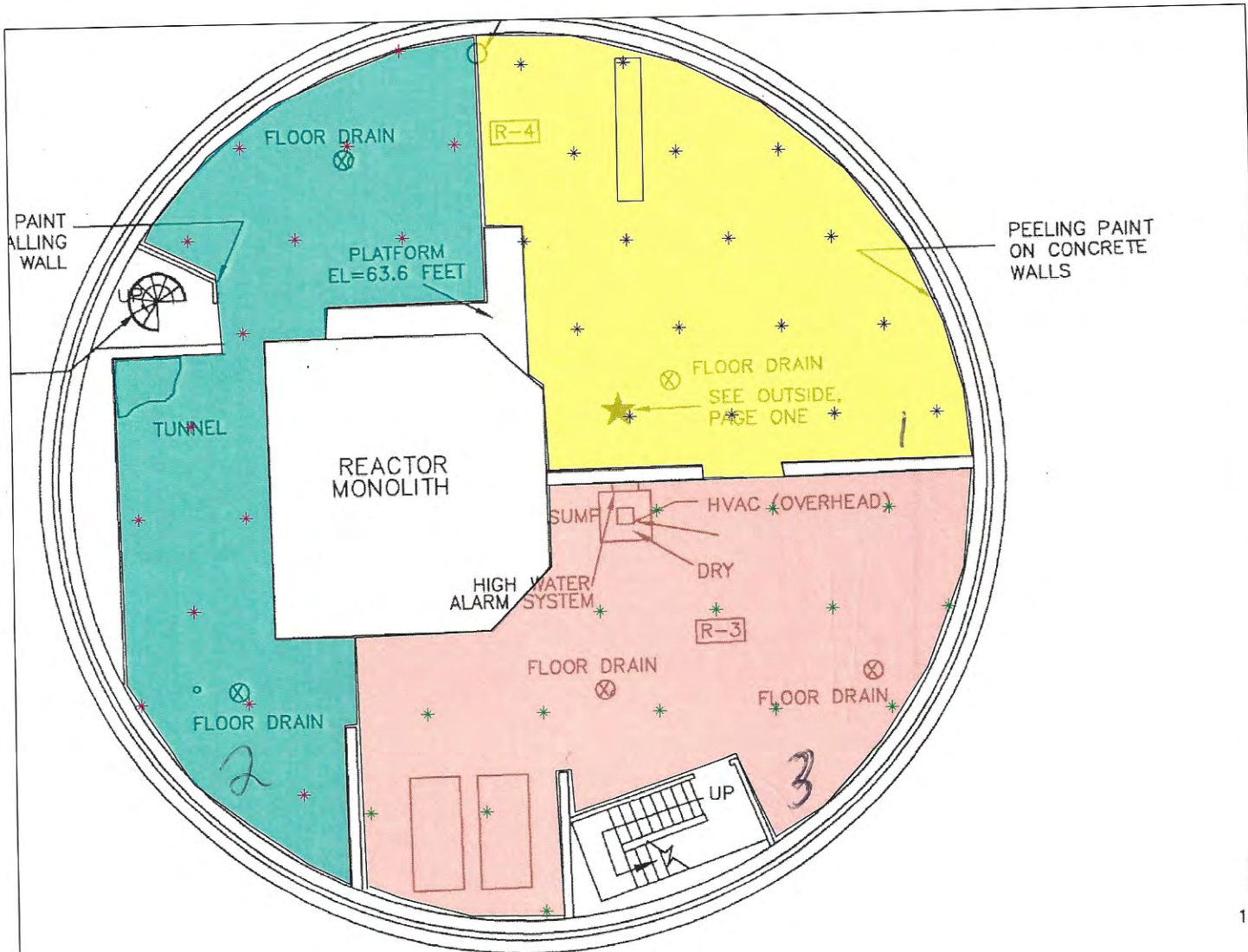


*NaI*

*Wade Johnson*







PLAN - 56 FOOT LEVEL

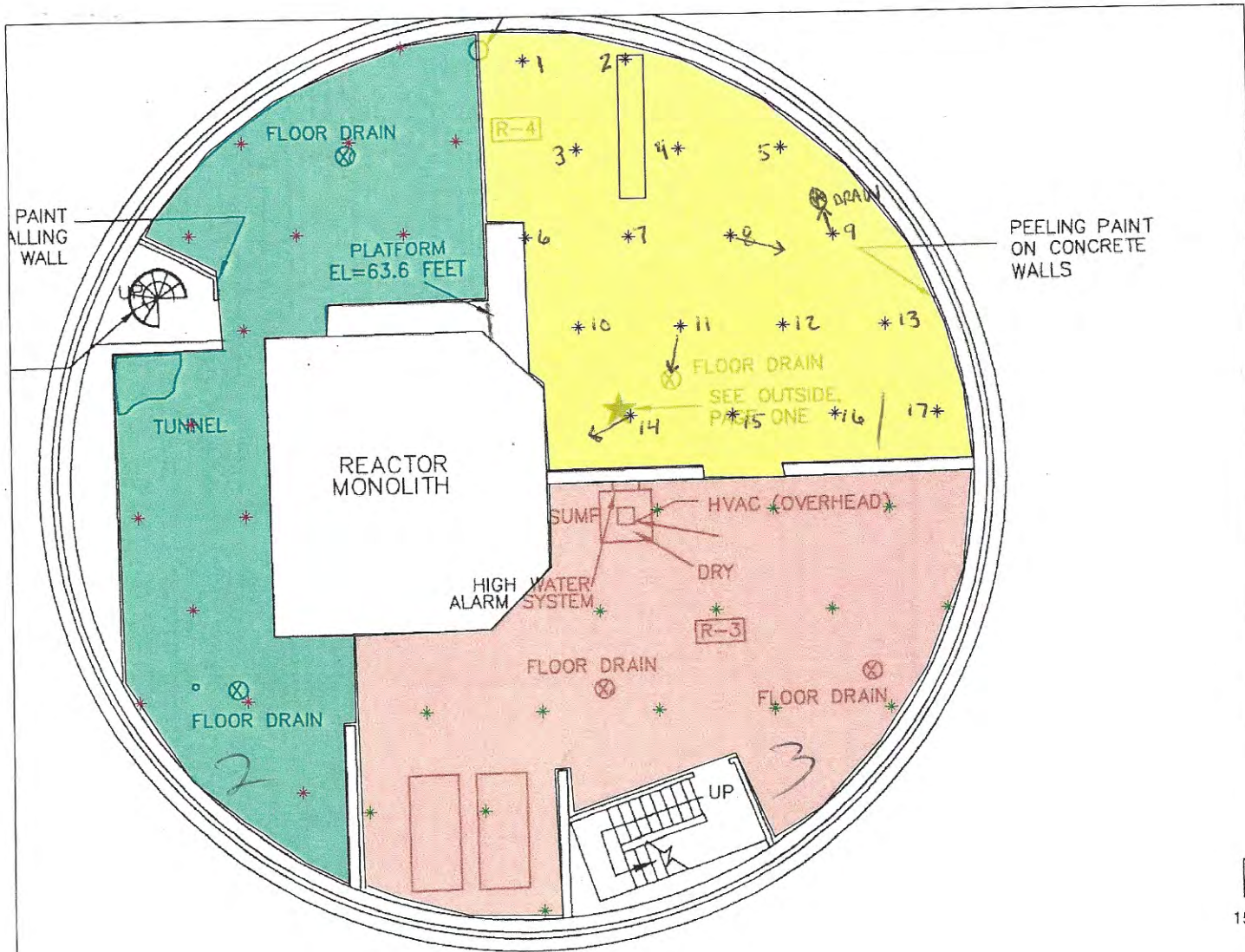
15

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*Handwritten signature*  
0/3/2020







PLAN - 56 FOOT LEVEL

027\03\S23518\S2351800.DWG 4/17/2019 12:28:22 PM atencioj

PG. 2/3 JPA

## Bench Counter Worksheet

Client Name:	PNPF	Instrument Make:	Ludlum
Client Address:	56F-1-1 CSS	Instrument Model:	2929
		Instrument S/N:	121877
		Calibration Date:	4/28/2020
		Calibration Due Date:	4/28/2021
Phone Number:		Analysis Number:	

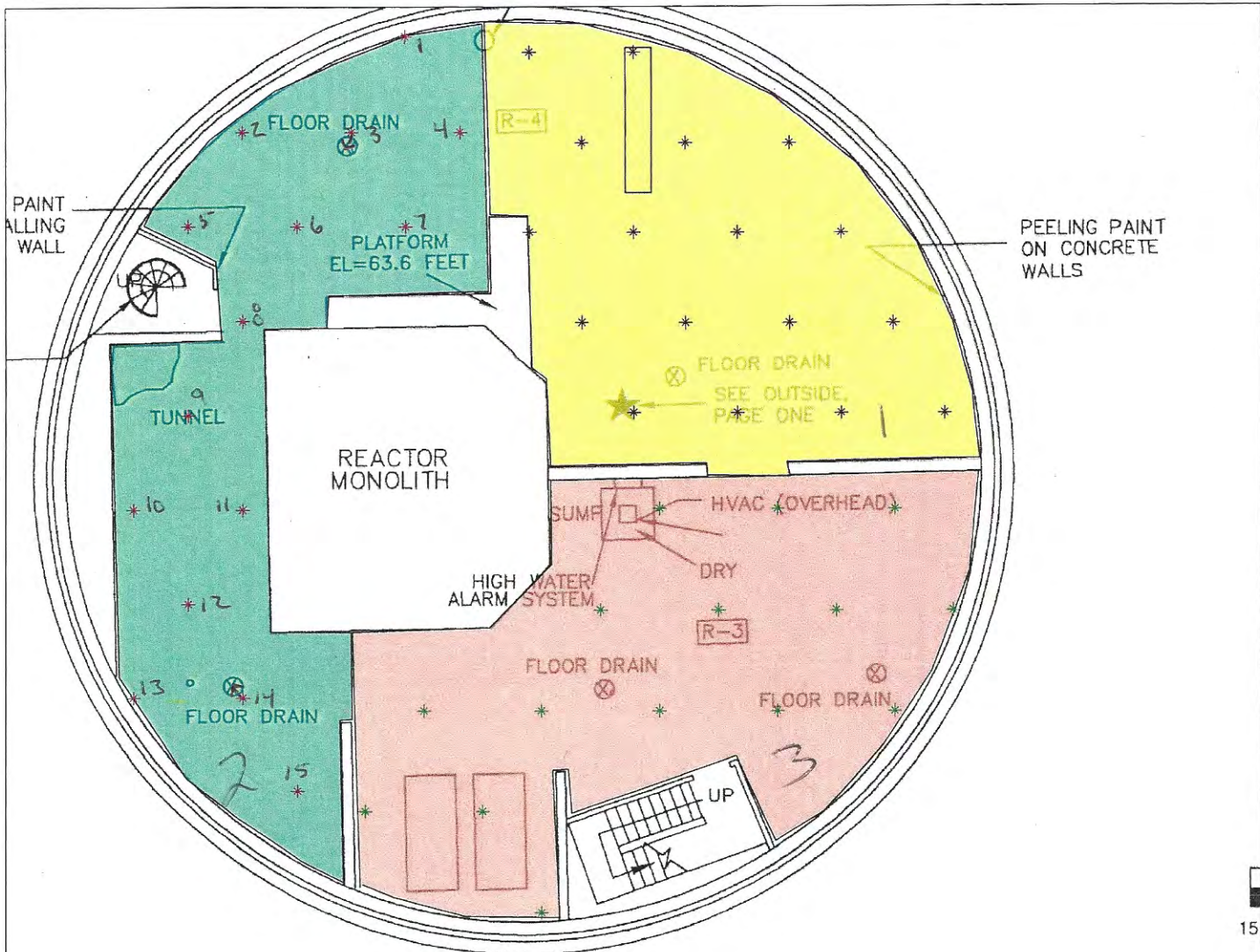
DATA FOR 1 -MINUTE COUNTS			
Sample	Description	Alpha	Beta
Background	Background Count #1	1	57
Background	Background Count #2	0	66
1		0	64
2		0	51
3		0	60
4		0	45
5		1	57
6		1	50
7		0	56
8		1	64
9		0	65
10		0	49
11		0	54
12		0	49
13		0	38
14		0	51
15		0	53
16		1	52
17		0	50

Additional Comment: \_\_\_\_\_

Analyzed by/date: (name/date) *[Signature]* 6/8/2020  
6/9/2020







PLAN - 56 FOOT LEVEL

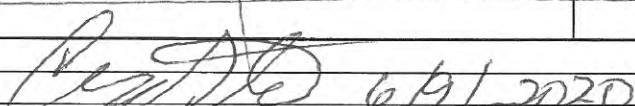
15

027\03\S23518\S2351800.DWG 4/17/2019 12:28:22 PM atencioj

PG. 2/3 JPL

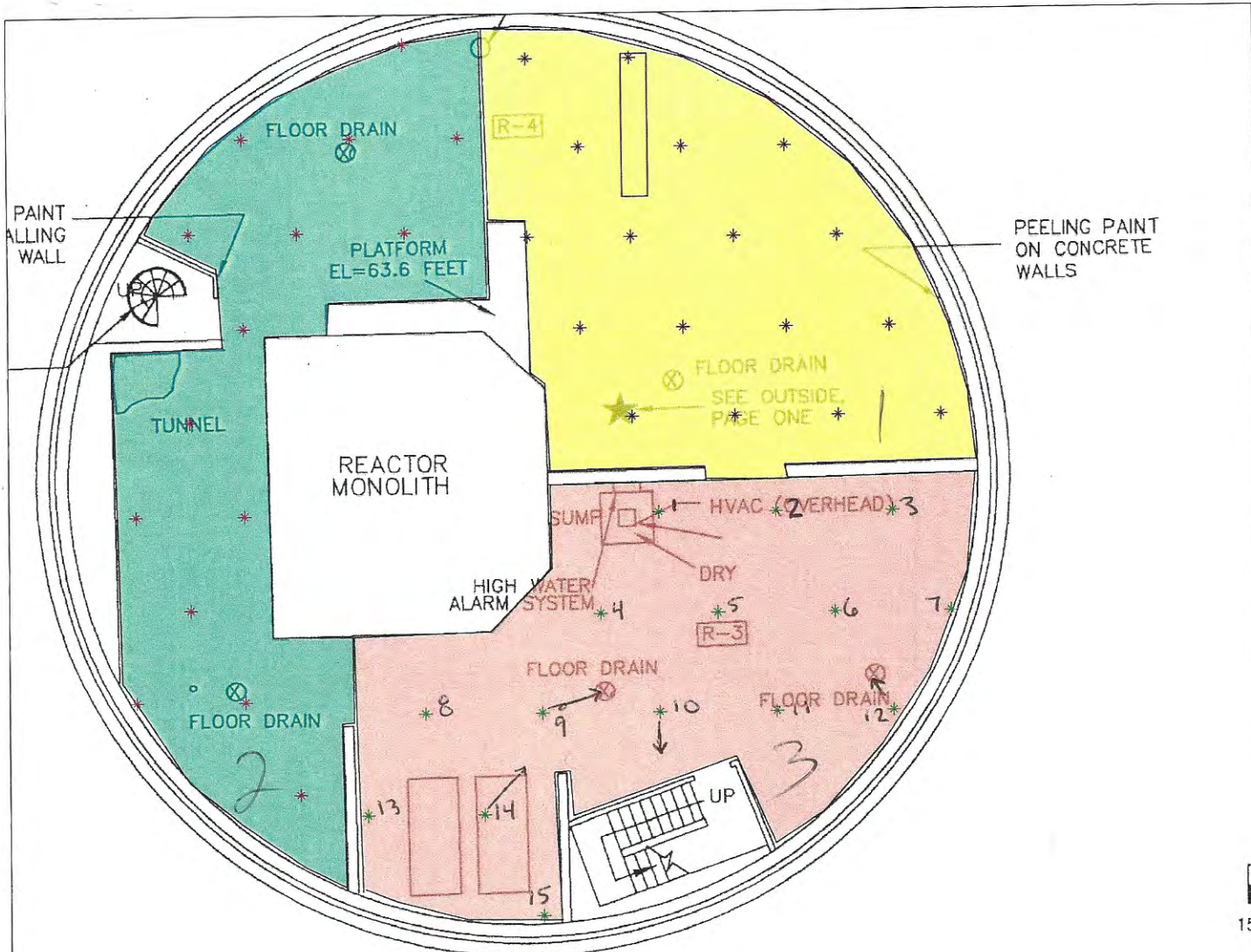
## Bench Counter Worksheet

Client Name:	PNPF	Instrument Make:	Ludlum
Client Address:	56F-1-2 CSS	Instrument Model:	2929
		Instrument S/N:	121877
		Calibration Date:	4/28/2020
		Calibration Due Date:	4/28/2021
Phone Number:		Analysis Number:	

DATA FOR 1 -MINUTE COUNTS			
Sample	Description	Alpha	Beta
Background	Background Count #1	0	53
Background	Background Count #2	1	45
1	See attached map	1	47
2		1	78
3		0	51
4		2	68
5		0	53
6		1	52
7		3	35
8		1	62
9		1	52
10		1	49
11		0	55
12		1	56
13		0	53
14		0	46
15		1	54
Additional Comment:			
Analyzed by/date: (name/date)			







PLAN - 56 FOOT LEVEL

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pg. 2/3 JPL





## Bench Counter Worksheet

Client Name:	PNPF	Instrument Make:	Ludlum
Client Address:	56F-1-3 CSS	Instrument Model:	2929
		Instrument S/N:	118411
		Calibration Date:	4/22/2020
		Calibration Due Date:	4/22/2021
Phone Number:		Analysis Number:	

DATA FOR 1 -MINUTE COUNTS			
Sample	Description	Alpha	Beta
Background	Background Count #1	1	49
Background	Background Count #2	2	38
1	See attached map	1	37
2		0	41
3		0	49
4		0	44
5		0	45
6		0	44
7		0	42
8		0	41
9		0	41
10		1	45
11		0	41
12		2	42
13		1	39
14		1	39
15		1	54
Additional Comment:		Analyzed by/date: (name/date)	
		C. W. [Signature] 6/9/2020	

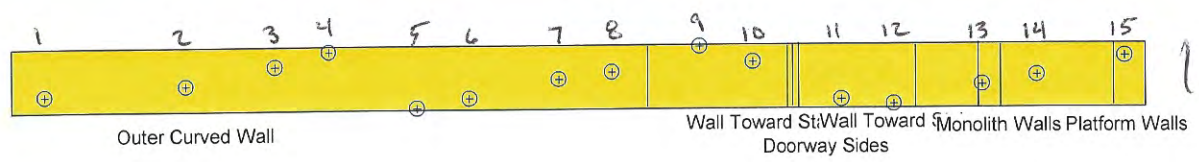
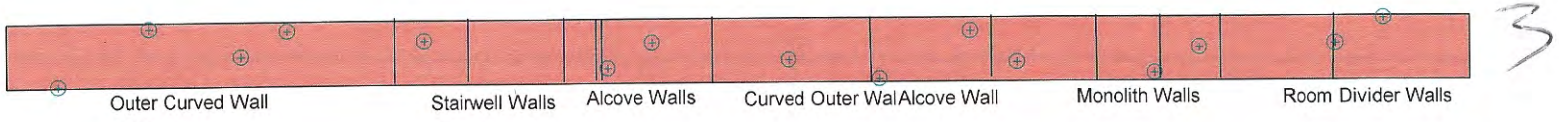


Dade Moeller  
Radiological Survey Report

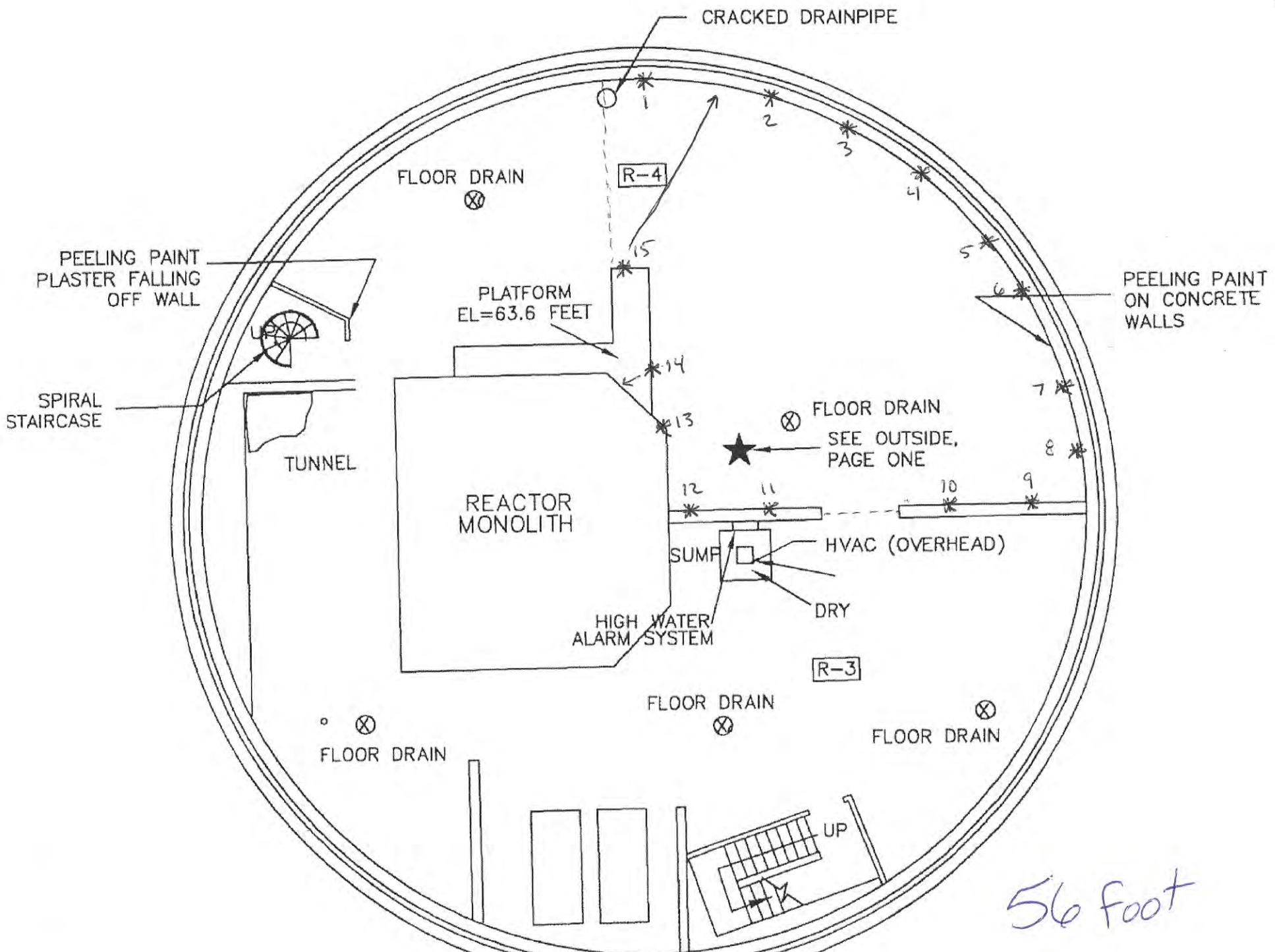
Laboratory Description: <u>56W-1-1</u>				Date: <u>6/9/2020</u>						
Purpose of Survey: <u>CSS</u>				Performed By:						
				Print: <u>JEFF GAGNE</u>						
				Sign: <u>[Signature]</u>						
<b>Sketch of Area</b>  - SEE ATTACHED PAGES FOR SKETCH  - SURVEYED 100% OF ACCESSIBLE WALL USING 2224.				<b>Direct Results</b> cpm/100cm <sup>2</sup>						
				Direct #	Beta	Alpha				
				1	121	9				
				2	127	7				
				3	140	3				
				4	123	4				
				5	139	3				
				6	125	6				
				7	130	4				
				8	117	3				
				9	137	8				
				10	124	8				
				11	146	7				
				12	138	4				
				13	115	4				
				14	110	9				
15	124	4								
Legend: # - Direct Measurement # - Scan Direct Measurement ⊕ - Smear Location				<b>Instrumentation</b>						
				Model #	Serial #	Background	Efficiency	<b>Source Check (pre/post)</b>		
				2224	162850	3α/135B		Isotope	Reading	Units
								TA-230/I-129	307α/329B	CPM
				POST	300α/356B	CPM				
Comments, including corrective actions if any: <u>N/A</u>										

Pg. 1/4 JRL

PG. 2/14 JPR



56 foot R<sub>x</sub> walls





## Bench Counter Worksheet

56W-1-1

Client Name:	PNPF	Instrument Make:	Ludlum
Client Address:	56W-1-1 CSS	Instrument Model:	2929
		Instrument S/N:	118411
		Calibration Date:	4/22/2020
		Calibration Due Date:	4/22/2021
Phone Number:		Analysis Number:	

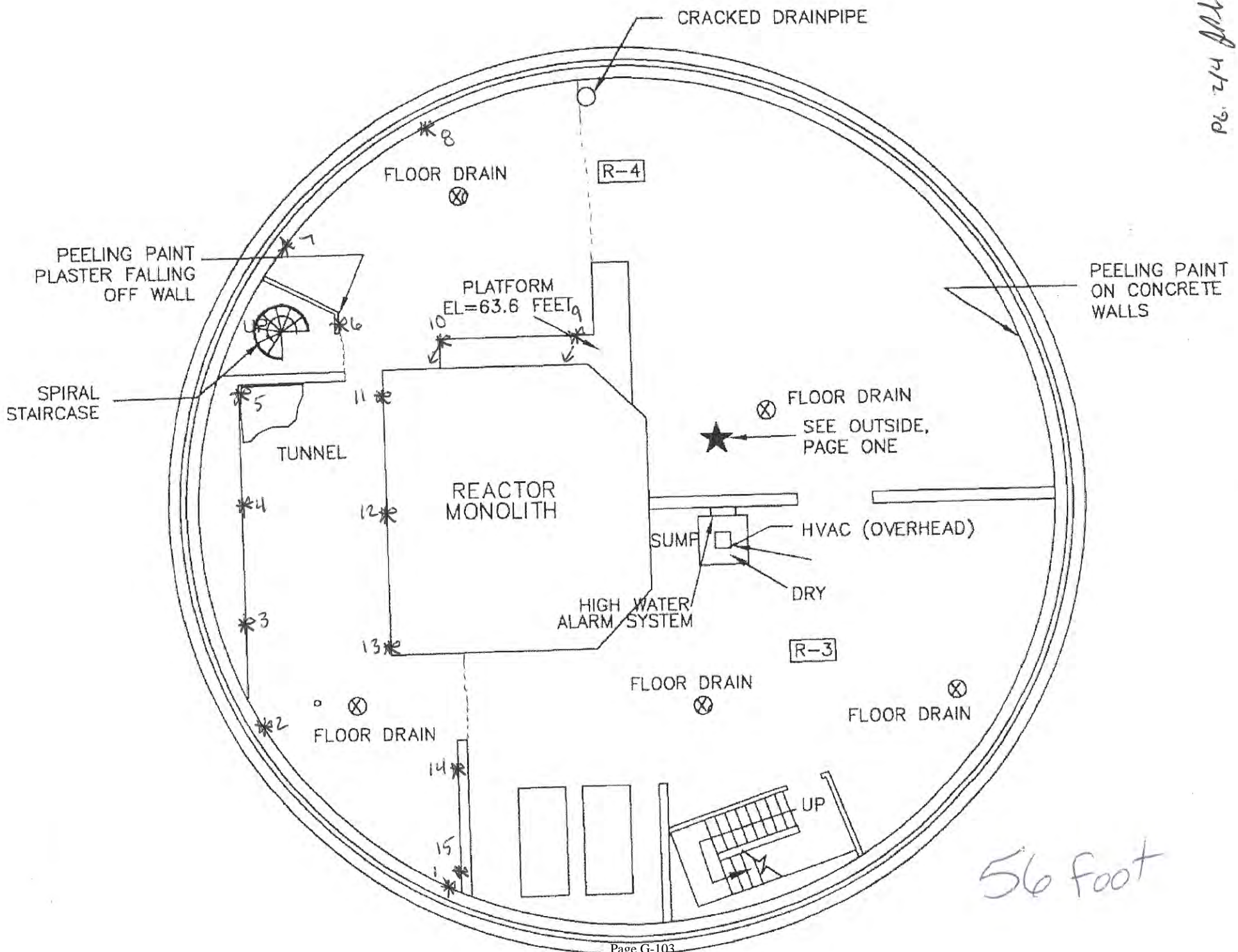
### DATA FOR 1 -MINUTE COUNTS

Sample	Description	Alpha	Beta
Background	Background Count #1	2	38
Background	Background Count #2	1	43
1	See attached map	0	45
2		0	36
3		1	38
4		1	44
5		0	48
6		1	46
7		0	42
8		0	53
9		0	39
10		0	40
11		0	39
12		0	35
13		0	53
14		0	49
15		0	41

Additional Comment: Analyzed by/date: (name/date) *C. H. H. 6/9/2020*

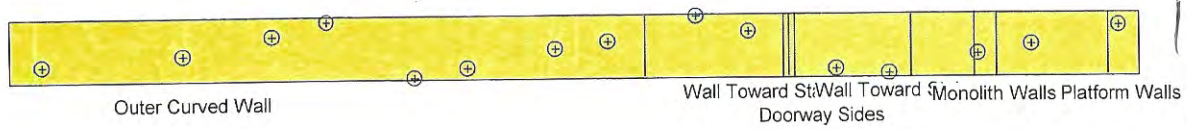
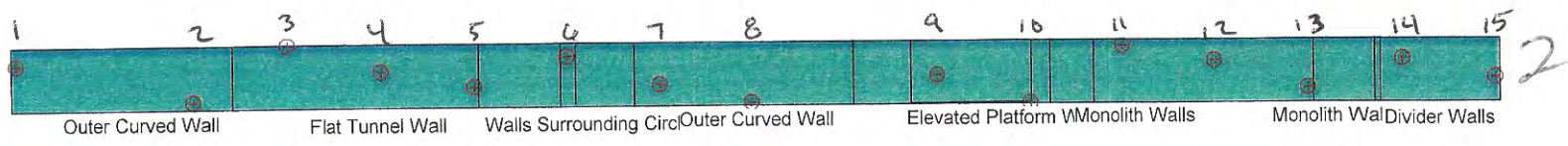
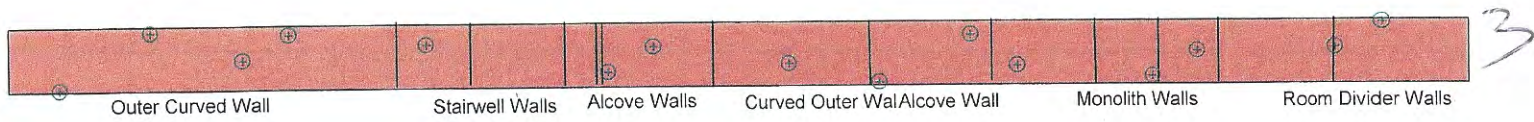


PL 2/4 JLB



56 foot

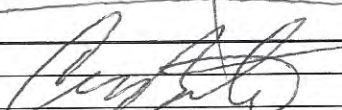




56 foot R<sub>x</sub> Walls

## Bench Counter Worksheet

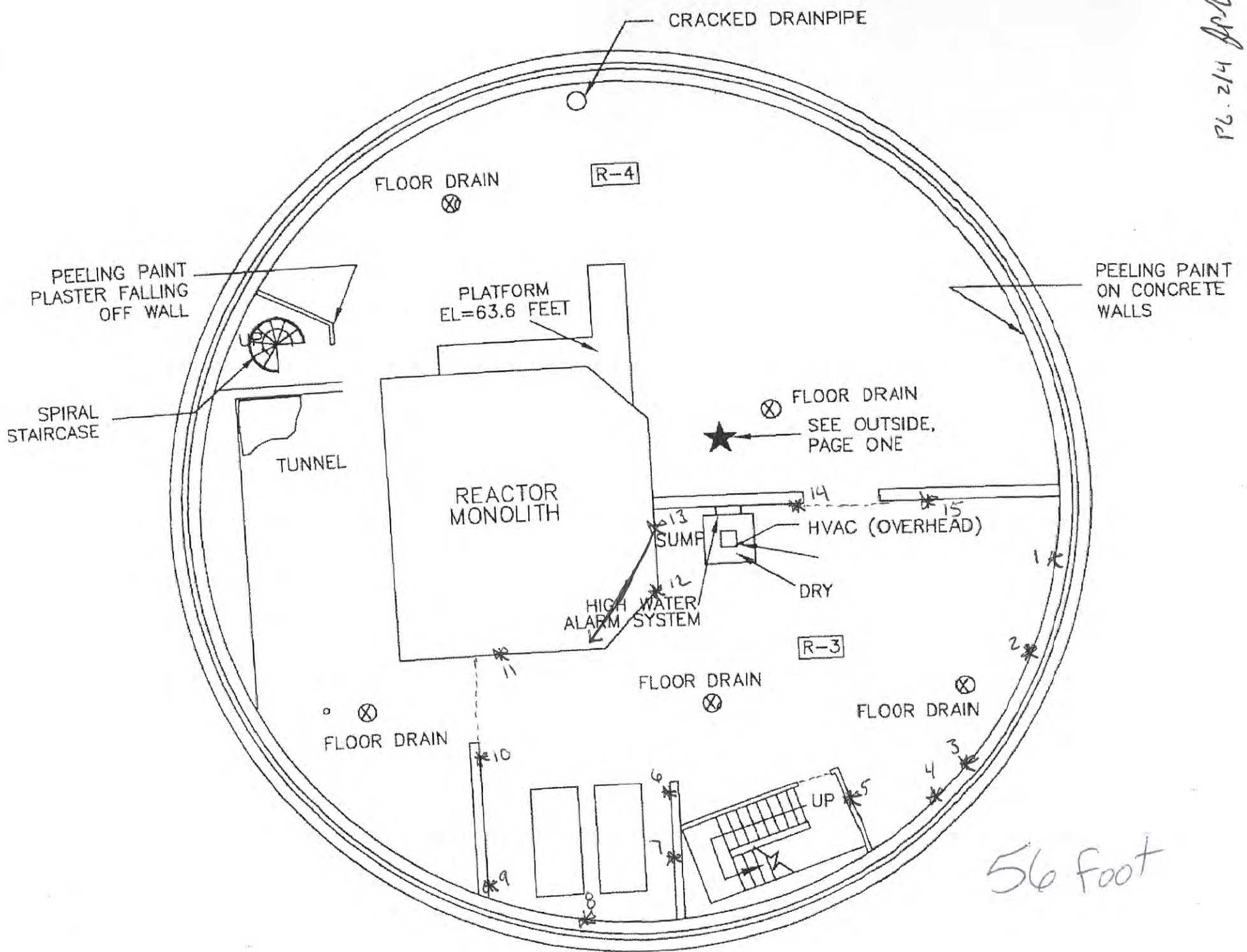
Client Name:	PNPF	Instrument Make:	Lucium
Client Address:	56W-1-2 CSS	Instrument Model:	7929
		Instrument S/N:	121877
		Calibration Date:	4/28/2020
		Calibration Due Date:	4/28/2021
Phone Number:		Analysis Number:	

DATA FOR 1 -MINUTE COUNTS			
Sample	Description	Alpha	Beta
Background	Background Count #1	1	51
Background	Background Count #2	1	61
1	See attached Map	0	40
2		0	57
3		0	53
4		0	62
5		3	48
6		0	51
7		0	55
8		1	50
9		0	50
10		0	60
11		0	60
12		0	57
13		0	61
14		1	50
15		0	56
Additional Comment:			
Analyzed by/date: (name/date)		 6/8/2020 6/9/2020	

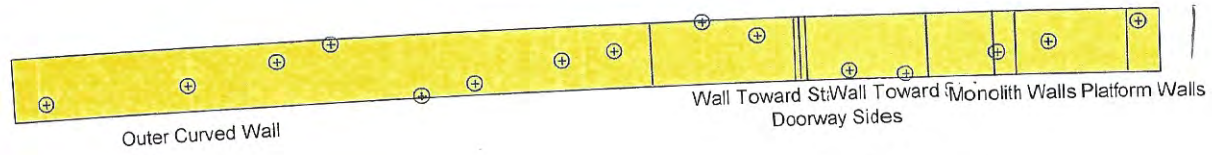
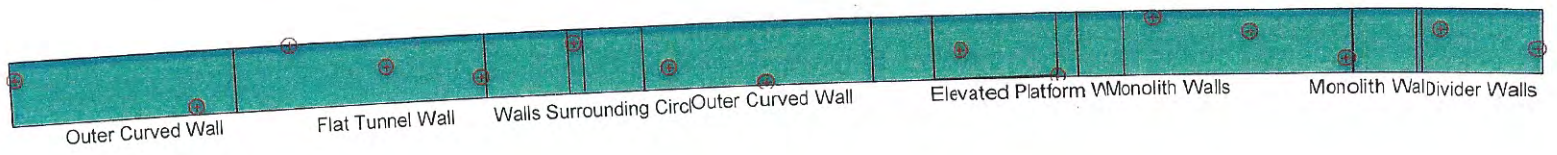
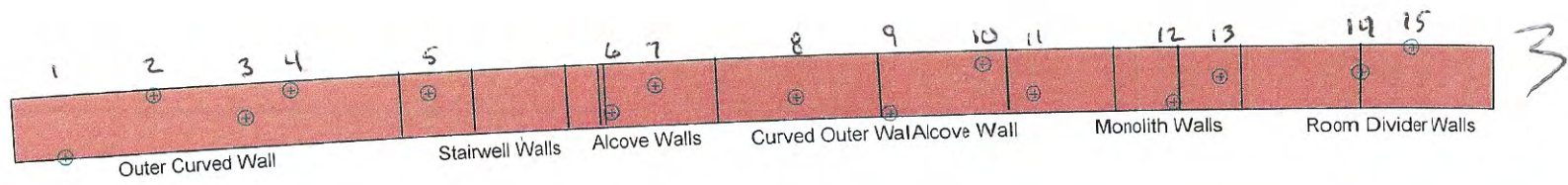




PL-2/14 JML



PL 3/14 JPL



56 foot walls



## Bench Counter Worksheet

Client Name:	PNPF	Instrument Make:	Ludlum
Client Address:	56W-1-3 CSS	Instrument Model:	7929
		Instrument S/N:	121877
		Calibration Date:	4/28/2020
		Calibration Due Date:	4/28/2020
Phone Number:		Analysis Number:	

DATA FOR 1 -MINUTE COUNTS			
Sample	Description	Alpha	Beta
Background	Background Count #1	0	61
Background	Background Count #2	0	54
1	See attached maps	0	54
2		0	54
3		2	61
4		0	63
5		0	57
6		0	54
7		0	57
8		0	54
9		0	67
10		0	58
11		0	51
12		0	63
13		0	63
14		0	52
15		0	52
Additional Comment:		Analyzed by/date: (name/date) <i>Carroll 6/9/2020</i>	



# Dade Moeller Radiological Survey Report

Laboratory Description: <u>DNDE 79E-1-1</u>				Date: <u>6/3/2020</u>		
Purpose of Survey: <u>NaI + Floor Monitor 83E-1-1</u>				Performed By: <u>Clark Bentley</u>		
<u>79W-1-1</u> <u>83W-1-1</u>				Print: <u>Clark Bentley</u>		
<u>-1-2</u> <u>-1-2</u>				Sign: <u>[Signature]</u>		
Sketch of Area				<b>Direct Results</b> cpm/100cm <sup>2</sup>		
<p style="font-size: 2em; text-align: center;">See attached maps</p> <p style="text-align: right; margin-right: 50px;">79W-1-1 -1-2</p> <p style="text-align: right; margin-right: 50px;">83W-1-1 -1-2</p>				Direct #	Beta	Alpha

Legend: # - Direct Measurement  
 # - Scan Direct Measurement  
 ⊕ - Smear Location

Instrumentation				Source Check (pre/post)		
Model #	Serial #	Background	Efficiency	Isotope	Reading	Units
<u>NaI</u>	<u>251999</u>	<u>3500</u>	<u>N/A</u>	<u>Cs-137</u>	<u>220000</u>	<u>CPM</u>
<u>239-IF</u>	<u>187246</u>	<u>52/541P</u>	<u>22.9α / 32.5βP</u>	<u>Th-230 / 1-129</u>	<u>82/412</u>	<u>CPM</u>

Comments, including corrective actions if any: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

11-IN HVAC DUCT  
74-FOOT LEVEL

"OAP"  
ROOM  
EL=89 FI

ABOVE

4500  
6000  
4000  
5000 m  
Grate  
PLATFORM  
EL=74 FEET

PLATFORM  
EL=72 FEET

PLATFORM  
EL=76 FEET

Grate  
4000  
5000 m

NAI

5000  
6000 m

AIR LOCK

FLOOR DRAIN

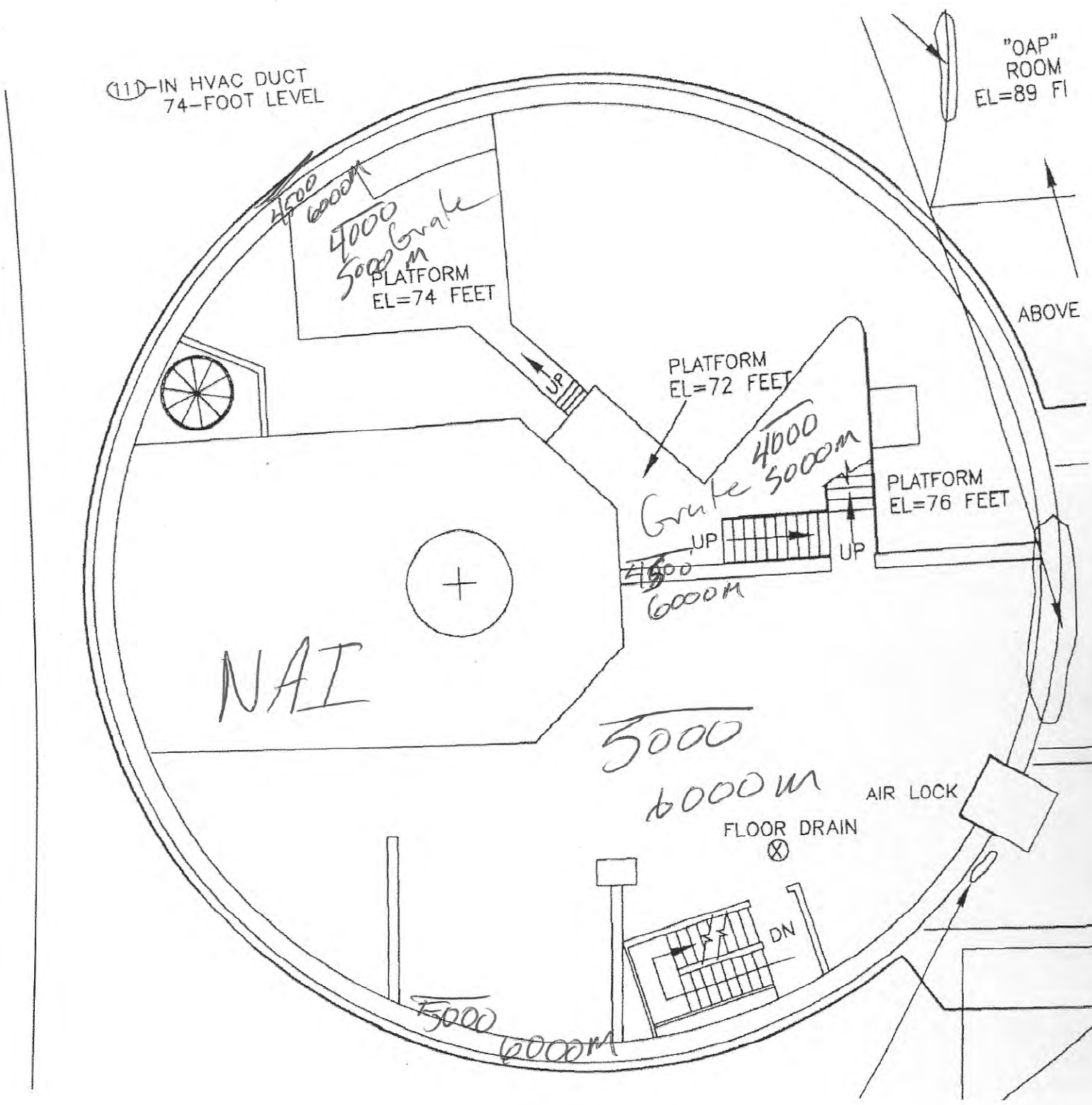


DN

5000  
6000 m

79 Foot

*[Handwritten signature]* 6/3/2010



11-IN HVAC DUCT  
74-FOOT LEVEL

"OAP"  
ROOM  
EL=89 FI

Grate  
PLATFORM  
EL=74 FEET

PLATFORM  
EL=72 FEET

Grate  
PLATFORM  
EL=76 FEET

Floor  
Monitor

500  
750 M

AIR LOCK

FLOOR DRAIN



DN

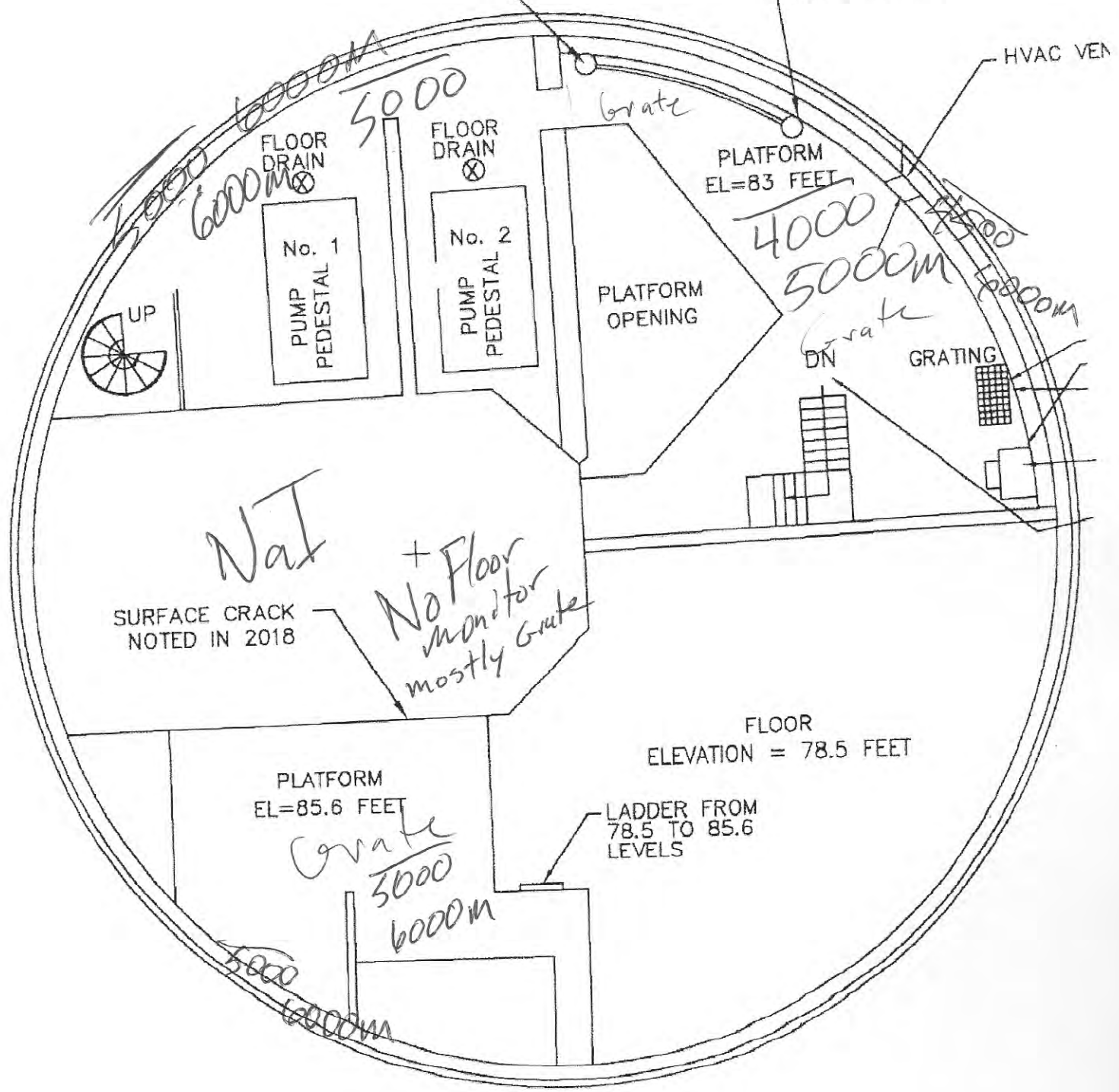
ABOVE

79 Foot

*Handwritten signature and date: [Signature] 6/3/2020*



56-FOOT LEVEL  
2016 INSPECTION



PLAN — 83 FOOT LEVEL

SMEAR/DIRECT LOCATIONS ON THE  
79-FOOT LEVEL IN CONTAINMENT STRUCTURE

- (24)-FLOOR
- (25)-FLOOR
- (26)-FLOOR
- (27)-FLOOR
- (11)-IN HVAC DUCT  
74-FOOT LEVEL

"OAP" (OPERATING AIR PRESSURE) ROOM REMODELED IN  
2009. PAINTED AND SHELVES WERE ADDED.

EVIDENCE FOR OLD WATER  
SEEPAGE ALONG CEILING SEAM

"OAP"  
ROOM  
EL=89 FEET

ABOVE ROOM B-1

PLATFORM  
EL=74 FEET

PLATFORM  
EL=72 FEET

PLATFORM  
EL=76 FEET

B-1  
FLOOR DRAIN

TANK

B

B-2

SUMP PUMP

HVAC

HVAC

HVAC

HVAC

HVAC

HVAC

HVAC

HVAC

HVAC

HVAC

HVAC

HVAC

HVAC

HVAC

HVAC

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HVAC

PLASTER FALLING  
OFF WALL

FLOOR DRAIN

B-3

B-4

B-5

B-6

B-7

B-8

TANK

FLOOR DRAIN

EVIDENCE FOR OLD WATER  
SEEPAGE ALONG CEILING SEAM

NOTE THAT THIS SECTION OF  
THE WALL WAS REMOVED IN 2009

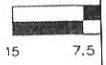
KEY:

- NO = GENERAL AREA
- (NO) = SMEAR/DIRECT
- R-4 = ROOM NUMBER

SMEAR/DIRECT LOCATIONS ON THE  
79-FOOT LEVEL IN AUX. BLDG.

- (51)-FLOOR
- (52)-FLOOR
- (53)-FLOOR
- (54)-ON DRAIN
- (55)-FLOOR
- (56)-FLOOR
- (57)-FLOOR
- (58)-ON DRAIN
- (59)-FLOOR
- (60)-FLOOR
- (61)-ON DRAIN
- (62)-ON SUMP COVER
- (63)-PUMP
- (64)-FLOOR UNDER TANK
- (65)-FLOOR
- (66)-FLOOR
- (67)-INSIDE HVAC ON FLOOR
- (68)-FLOOR
- (69)-FLOOR-89' LEVEL OF

ROLL-UP  
DOOR



*Handwritten signature: J. Blawie*

PLAN - 79 FOOT LEVEL

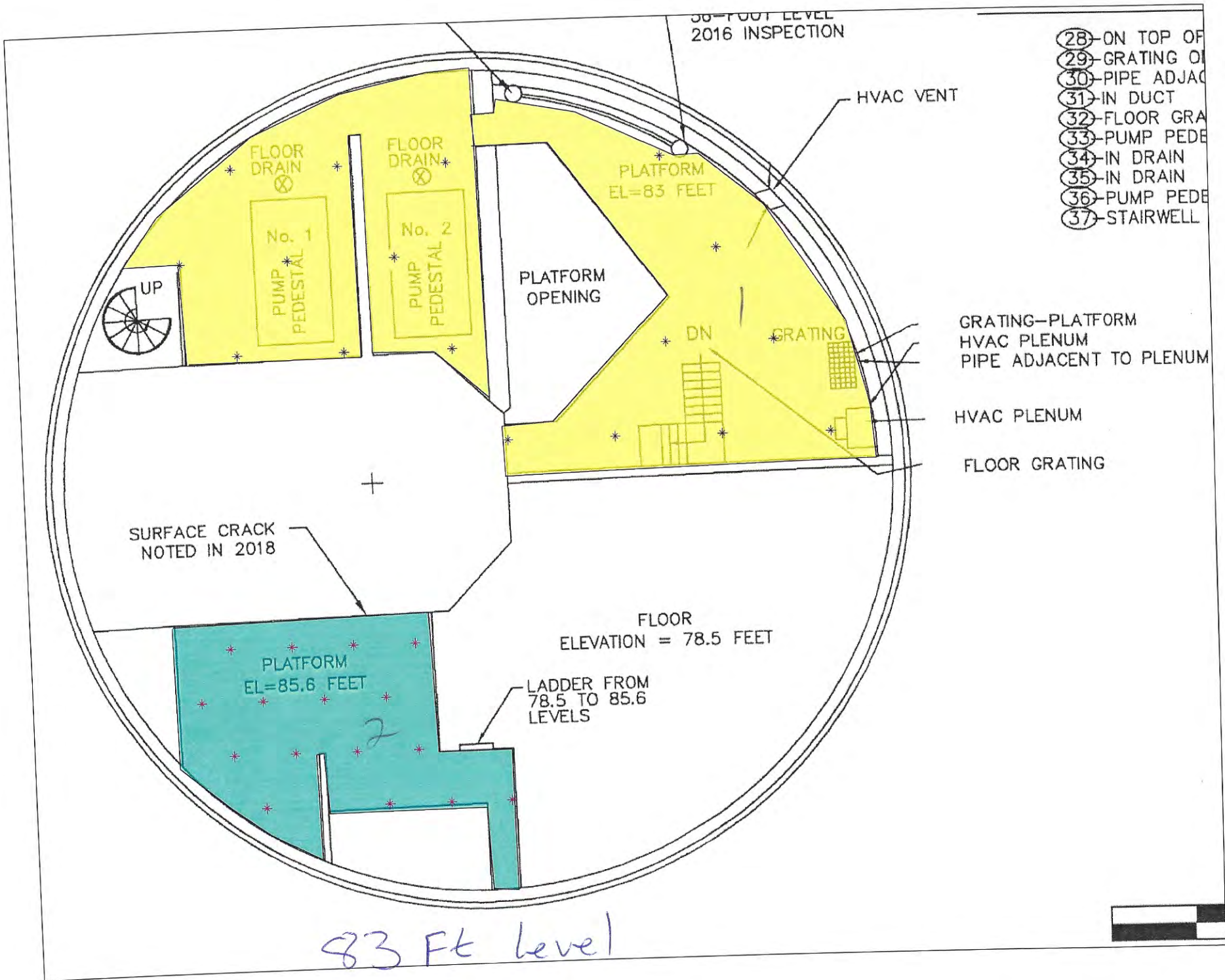
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U.S. DEPT. OF ENERGY  
**EN**  
 2019 A  
 PI  
 DATE PREPARED  
 APRIL



58-FOOT LEVEL  
2016 INSPECTION

- ②8 ON TOP OF
- ②9 GRATING ON
- ③0 PIPE ADJAC
- ③1 IN DUCT
- ③2 FLOOR GRA
- ③3 PUMP PEDE
- ③4 IN DRAIN
- ③5 IN DRAIN
- ③6 PUMP PEDE
- ③7 STAIRWELL



83 Ft level







SMEAR/DIRECT LOCATIONS ON THE  
79-FOOT LEVEL IN CONTAINMENT STRUCTURE

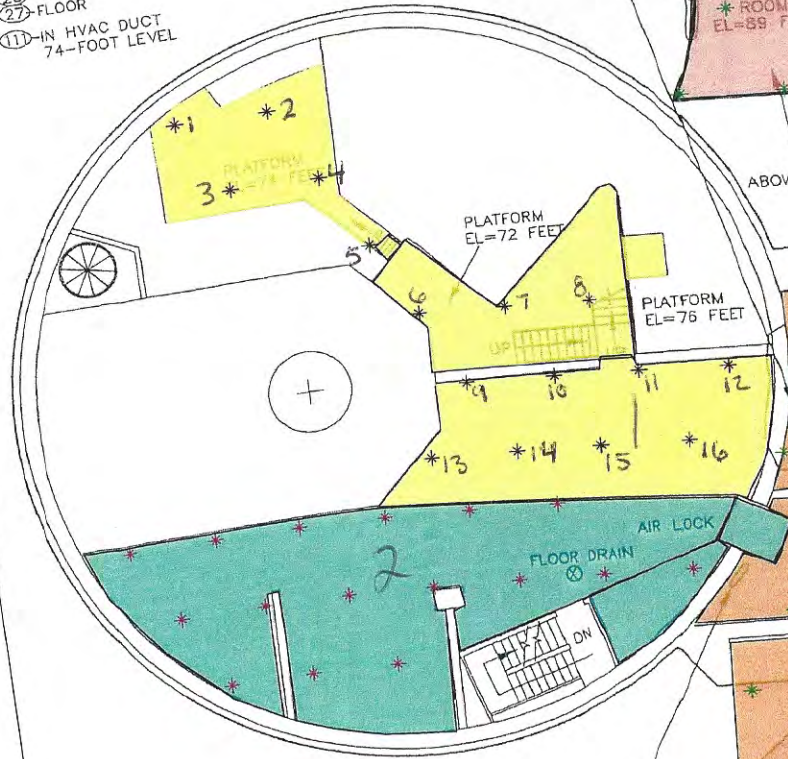
- (24) FLOOR
- (25) FLOOR
- (26) FLOOR
- (27) FLOOR
- (11) IN HVAC DUCT  
74-FOOT LEVEL

"OAP" (OPERATING AIR PRESSURE) ROOM REMODELED IN  
2009. PAINTED AND SHELVES WERE ADDED.

EVIDENCE FOR OLD WATER  
SEEPAGE ALONG CEILING  
SEAM



ABOVE ROOM B-1



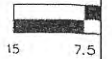
EVIDENCE FOR OLD WATER  
SEEPAGE ALONG CEILING  
SEAM

NOTE THAT THIS SECTION OF  
THE WALL WAS REMOVED IN 2009

KEY:  
NO. = GENERAL AREA  
(NO) = SMEAR/DIRECT  
[R-4] = ROOM NUMBER

SMEAR/DIRECT LOCATIONS ON THE  
79-FOOT LEVEL IN AUX. BLDG.

- (51) FLOOR
- (52) FLOOR
- (53) FLOOR
- (54) ON DRAIN
- (55) FLOOR
- (56) FLOOR
- (57) FLOOR
- (58) ON DRAIN
- (59) FLOOR
- (60) FLOOR
- (61) ON DRAIN
- (62) ON SUMP COVER
- (63) PUMP
- (64) FLOOR UNDER TANK
- (65) FLOOR
- (66) FLOOR
- (67) INSIDE HVAC ON FLOOR
- (68) FLOOR
- (69) FLOOR-89' LEVEL OF



RA

U.S. GEOLOGICAL SURVEY  
ENVI  
2019 A  
PH  
DATE PREPARED  
APRIL

PLAN - 79 FOOT LEVEL

PG. 2/3 JPH

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## Bench Counter Worksheet

Client Name:	PVPF	Instrument Make:	Ludlum
Client Address:	79F-1-1 CSS	Instrument Model:	2929
		Instrument S/N:	121877
		Calibration Date:	4/28/2020
		Calibration Due Date:	4/28/2021
Phone Number:		Analysis Number:	

### DATA FOR 1 -MINUTE COUNTS

Sample	Description	Alpha	Beta
Background	Background Count #1	0	55
Background	Background Count #2	0	49
1	<i>See attached map</i>	1	60
2		0	35
3		0	68
4		0	54
5		1	55
6		0	59
7		0	47
8		6	57
9		6	58
10		0	59
11		0	56
12		1	69
13		3	53
14		1	61
15		0	45
16		0	54

Additional Comment:

Analyzed by/date: (name/date)

*C. Smith 6/8/2020*

*Critical Value 4.3 x 82p*





SMEAR/DIRECT LOCATIONS ON THE  
79-FOOT LEVEL IN CONTAINMENT STRUCTURE

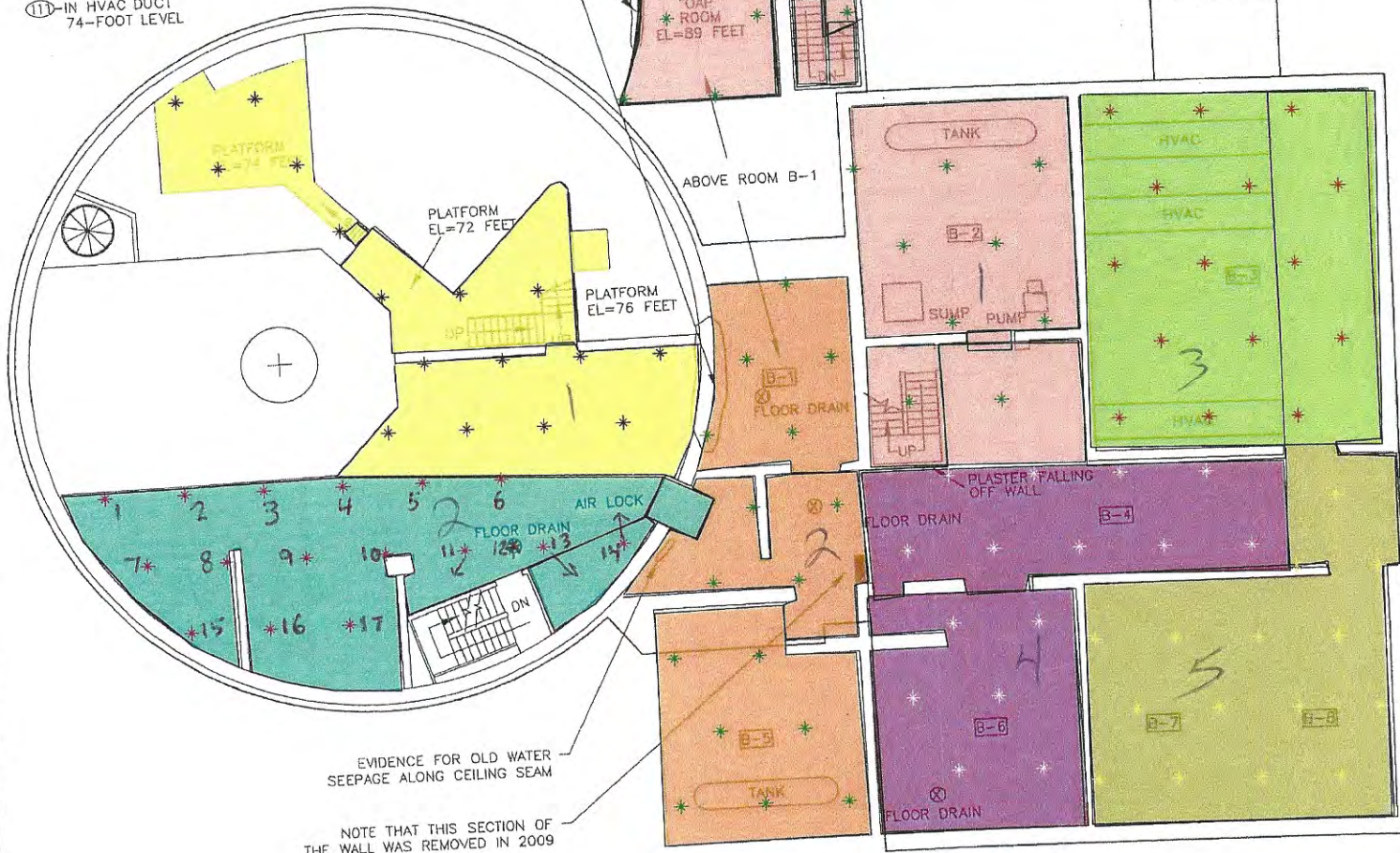
- 24- FLOOR
- 25- FLOOR
- 26- FLOOR
- 27- FLOOR
- 11- IN HVAC DUCT  
74-FOOT LEVEL

EVIDENCE FOR OLD WATER  
SEEPAGE ALONG CEILING  
SEAM

"OAP" (OPERATING AIR PRESSURE) ROOM REMODELED IN  
2009. PAINTED AND SHELVES WERE ADDED.

KEY:  
NO. = GENERAL AREA  
NO. = SMEAR/DIRECT  
R-4 = ROOM NUMBER

Pg. 2/3 JML

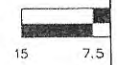


EVIDENCE FOR OLD WATER  
SEEPAGE ALONG CEILING SEAM

NOTE THAT THIS SECTION OF  
THE WALL WAS REMOVED IN 2009

SMEAR/DIRECT LOCATIONS ON THE  
79-FOOT LEVEL IN AUX. BLDG.

- 51- FLOOR
- 52- FLOOR
- 53- FLOOR
- 54- ON DRAIN
- 55- FLOOR
- 56- FLOOR
- 57- FLOOR
- 58- ON DRAIN
- 59- FLOOR
- 60- FLOOR
- 61- ON DRAIN
- 62- ON SUMP COVER
- 63- PUMP
- 64- FLOOR UNDER TANK
- 65- FLOOR
- 66- FLOOR
- 67- INSIDE HVAC ON FLOOR
- 68- FLOOR
- 69- FLOOR-89' LEVEL OF



RA

U.S. DEP  
OF ENERGY  
**ENR**  
2019 A  
PI  
DATE PREP  
APRIL

PLAN - 79 FOOT LEVEL

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## Bench Counter Worksheet

Client Name:	PNDF	Instrument Make:	Ludlum
Client Address:	79F-1-2 CSS	Instrument Model:	2929
		Instrument S/N:	118411
		Calibration Date:	4/22/2020
		Calibration Due Date:	4/22/2021
Phone Number:		Analysis Number:	

DATA FOR 1 -MINUTE COUNTS			
Sample	Description	Alpha	Beta
Background	Background Count #1	0	44
Background	Background Count #2	2	43
1	See attached map	0	45
2		0	44
3		0	53
4		0	35
5		1	54
6		0	29
7		0	55
8		1	41
9		0	46
10		1	33
11		0	29
12		0	40
13		0	52
14		0	48
15		0	49
16		1	38
17		0	38
Additional Comment:			
Analyzed by/date: (name/date) <i>[Signature]</i> 6/8/2020 6/9/2020			



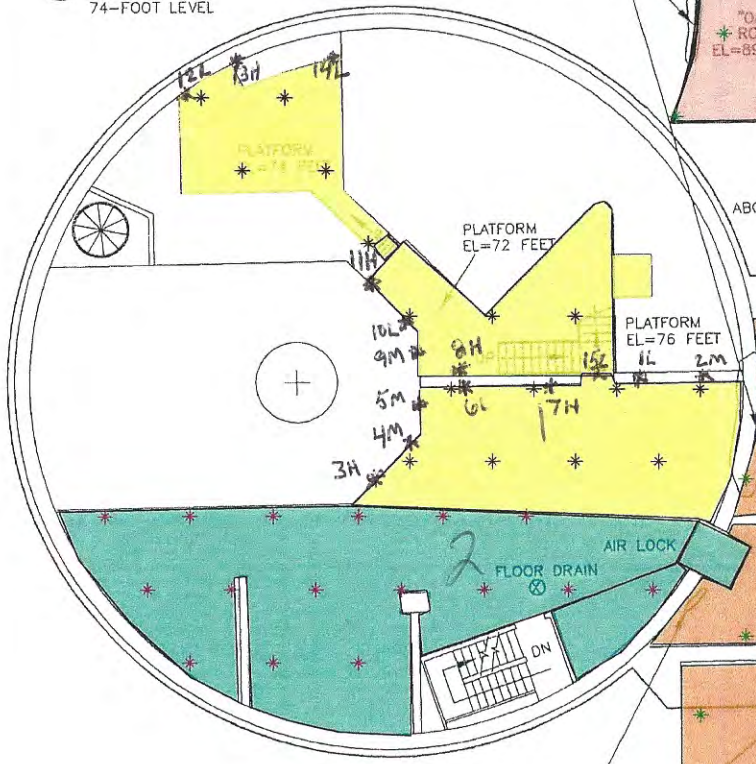
Dade Moeller  
Radiological Survey Report

Laboratory Description: <u>79W-1-1</u>				Date: <u>6/8/2020</u>		
Purpose of Survey: <u>CSS</u>				Performed By:		
				Print: <u>JEFF GAGNE</u>		
				Sign: <u>[Signature]</u>		
<b>Sketch of Area</b> - SEE ATTACHED PAGE FOR SKETCH - LOCATION #15 TAKEN UNDER STAIRS - 100% OF WALLS SURVEYED USING 2224.				<b>Direct Results</b> cpm/100cm <sup>2</sup>		
				Direct #	Beta	Alpha
				1	134	4
				2	131	4
				3	132	3
				4	144	6
				5	149	2
				6	120	4
				7	135	6
				8	113	6
				9	116	3
				10	119	1
				11	148	1
				12	104	0
				13	155	4
				14	82	2
15	99	0				
Legend: # - Direct Measurement # - Scan Direct Measurement ⊕ - Smear Location				/		
<b>Instrumentation</b>				<b>Source Check (pre/post)</b>		
Model #	Serial #	Background	Efficiency	Isotope	Reading	Units
2224	162850	0 α / 123 β	/	TR-230/I-129	325 α / 287 β	CPM
				POST	298 α / 340 β	CPM
Comments, including corrective actions if any: <u>N/A</u>						

Pg. 113 JPR

SMEAR/DIRECT LOCATIONS ON THE  
79-FOOT LEVEL IN CONTAINMENT STRUCTURE

- (24)- FLOOR
- (25)- FLOOR
- (26)- FLOOR
- (27)- FLOOR
- (11)- IN HVAC DUCT  
74-FOOT LEVEL



EVIDENCE FOR OLD WATER  
SEEPAGE ALONG CEILING  
SEAM

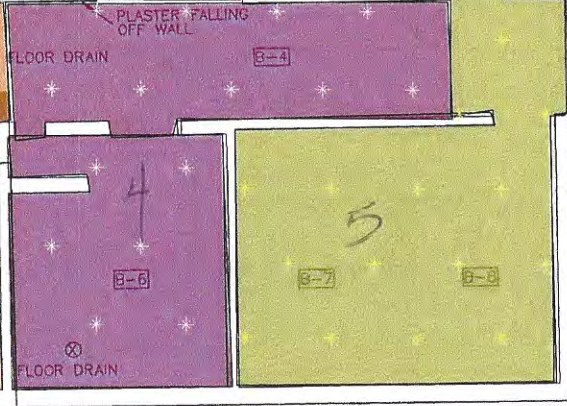
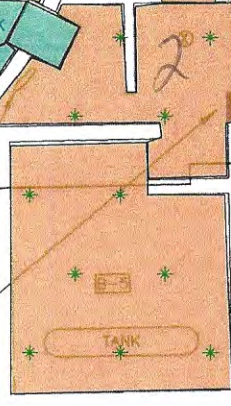
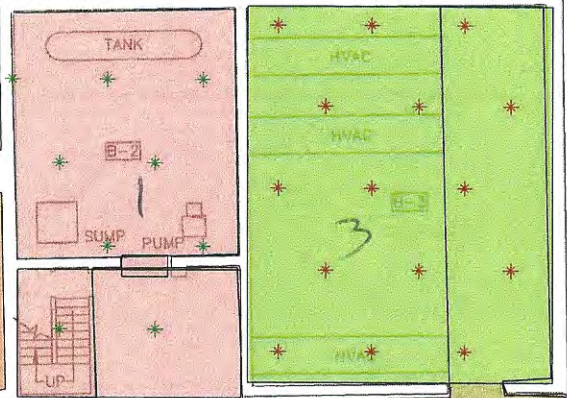
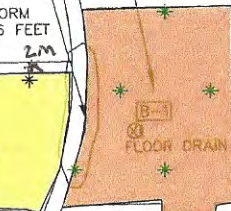
EVIDENCE FOR OLD WATER  
SEEPAGE ALONG CEILING  
SEAM

NOTE THAT THIS SECTION OF  
THE WALL WAS REMOVED IN 2009

"OAP" (OPERATING AIR PRESSURE) ROOM REMODELED IN  
2009. PAINTED AND SHELVES WERE ADDED.



ABOVE ROOM B-1



- KEY:
- NO = GENERAL AREA
  - (NO) = SMEAR/DIRECT
  - R-4 = ROOM NUMBER

SMEAR/DIRECT LOCATIONS ON THE  
79-FOOT LEVEL IN AUX. BLDG.

- (51)- FLOOR
- (52)- FLOOR
- (53)- FLOOR
- (54)- ON DRAIN
- (55)- FLOOR
- (56)- FLOOR
- (57)- FLOOR
- (58)- ON DRAIN
- (59)- FLOOR
- (60)- FLOOR
- (61)- ON DRAIN
- (62)- ON SUMP COVER
- (63)- PUMP
- (64)- FLOOR UNDER TANK
- (65)- FLOOR
- (66)- FLOOR
- (67)- INSIDE HVAC ON FLOOR
- (68)- FLOOR
- (69)- FLOOR-89' LEVEL OF

ROLL-UP  
DOOR



PLAN - 79 FOOT LEVEL

M:\LTS\111\0027\03\S23518\S2351800.DWG 4/17/2019 9:08:46 AM atencioj

RA

2019 A

PI

DATE PREPARED  
APRIL

L = TAKEN ~ 0-2 FT HIGH  
M = TAKEN ~ 2-4 FT HIGH  
H = TAKEN ~ 4-6 FT HIGH

Pg. 2/3



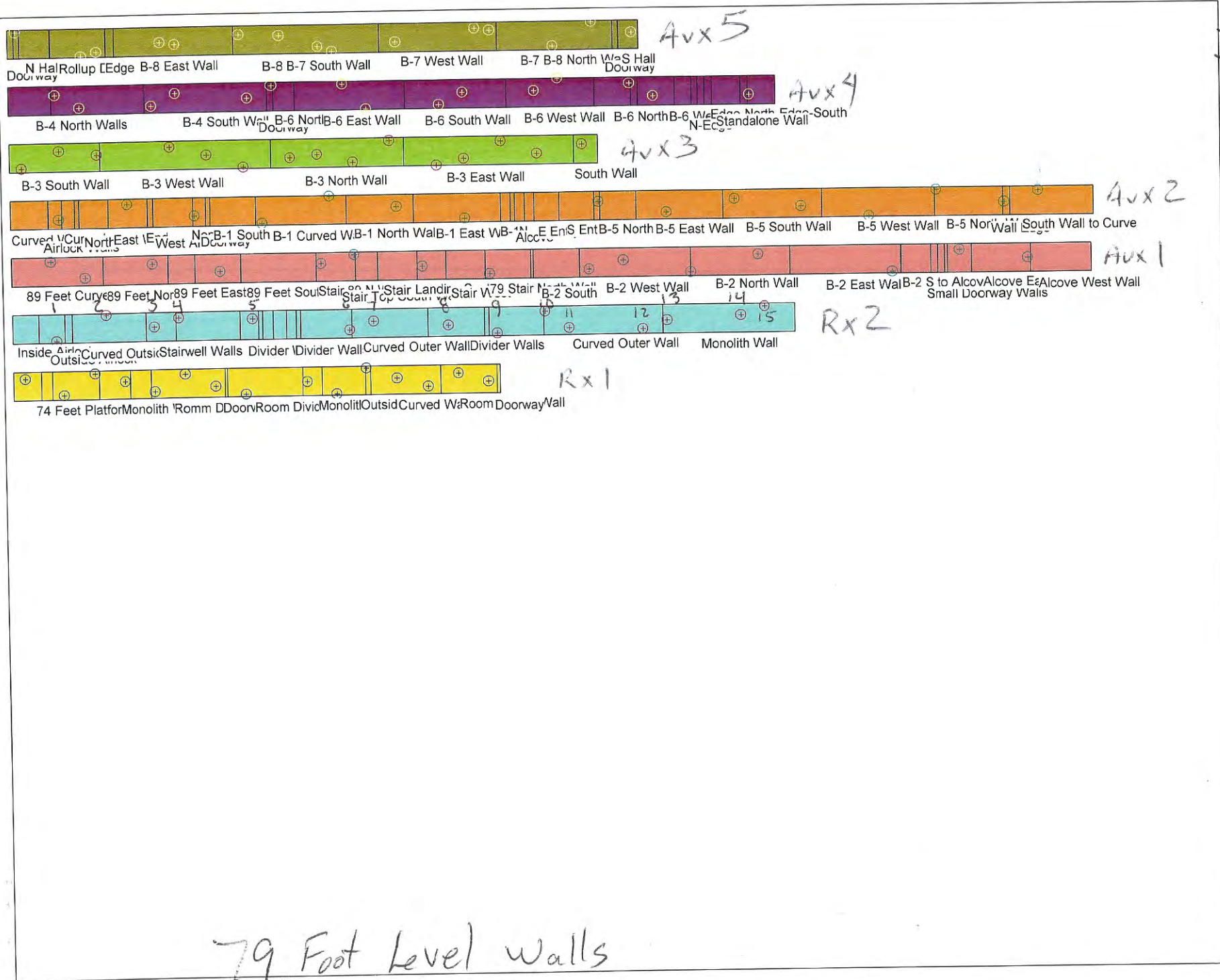
## Bench Counter Worksheet

Client Name:	PNPF	Instrument Make:	Ludlum
Client Address:	79W-3-1 CSS	Instrument Model:	2929
		Instrument S/N:	118411
		Calibration Date:	4/22/2020
		Calibration Due Date:	4/22/2021
Phone Number:		Analysis Number:	

DATA FOR 1 -MINUTE COUNTS			
Sample	Description	Alpha	Beta
Background	Background Count #1	0	45
Background	Background Count #2	1	41
1	See attached map	0	42
2		1	41
3		1	55
4		0	39
5		0	36
6		0	37
7		1	38
8		2	42
9		0	49
10		1	51
11		0	29
12		0	41
13		1	42
14		0	42
15		0	47
Additional Comment:			
Analyzed by/date: (name/date)		C. J. [Signature] 6/8/2020	





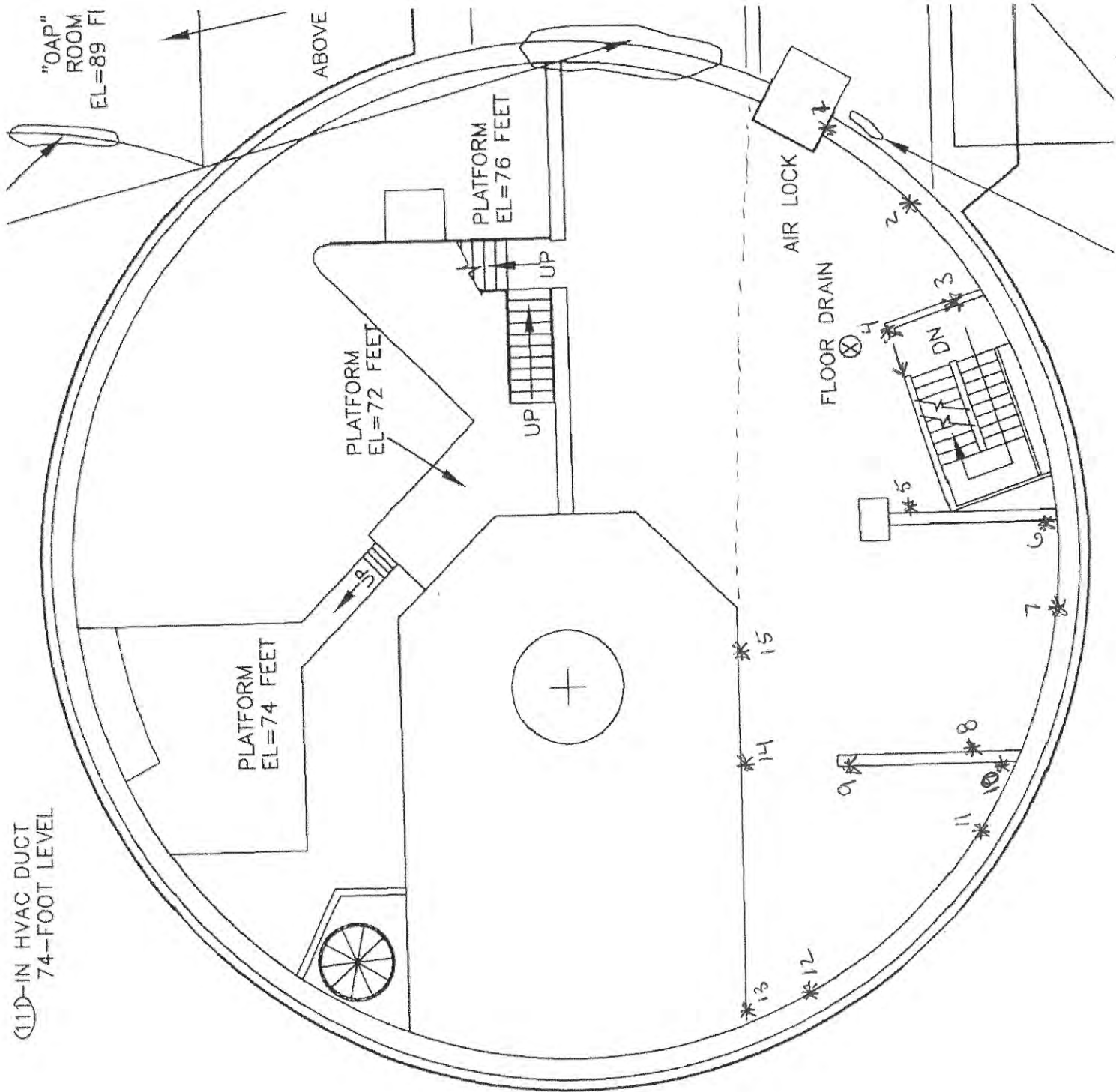


P6.12.99

79 Foot Level walls



(11) 11-IN HVAC DUCT  
74-FOOT LEVEL



PG. 3/4 JPA

79 Foot

## Bench Counter Worksheet

Client Name:	PNPF	Instrument Make:	Ludlum
Client Address:	79W-1-2 CSS	Instrument Model:	2929
		Instrument S/N:	118411
		Calibration Date:	4/22/2020
		Calibration Due Date:	4/22/2021
Phone Number:		Analysis Number:	

DATA FOR 1 -MINUTE COUNTS			
Sample	Description	Alpha	Beta
Background	Background Count #1	0	47
Background	Background Count #2	0	35
1	See attached map	0	41
2		0	46
3		0	50
4		0	40
5		0	47
6		0	33
7		1	38
8		1	36
9		0	45
10		0	47
11		0	46
12		0	37
13		1	50
14		0	29
15		0	44
Additional Comment:			
Analyzed by/date: (name/date)		C. J. Ste 6/8/2020 6/9/2020	

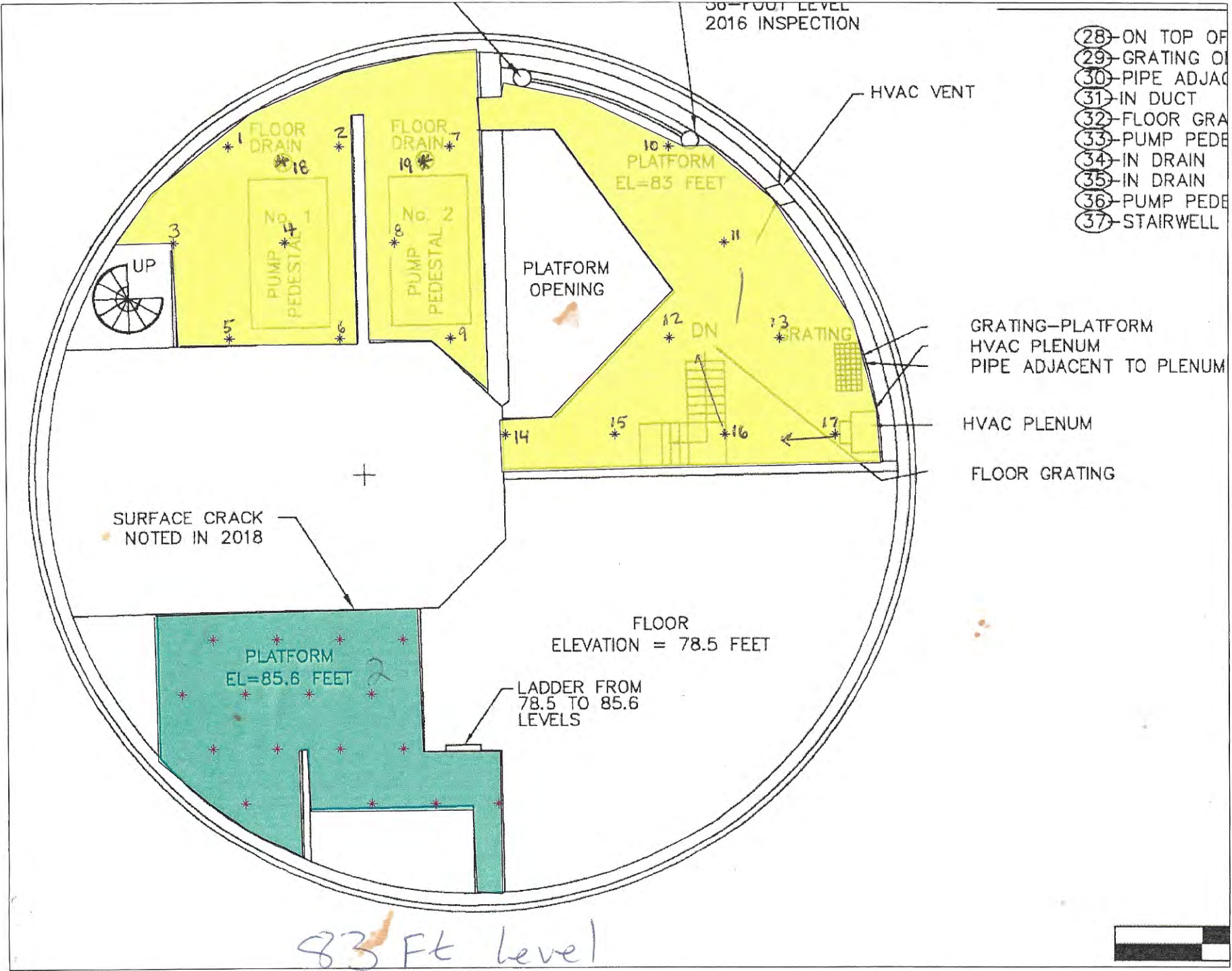




58-FOOT LEVEL  
2016 INSPECTION

PG. 2/3 JPL

- (28) ON TOP OF
- (29) GRATING OF
- (30) PIPE ADJAC
- (31) IN DUCT
- (32) FLOOR GRA
- (33) PUMP PEDE
- (34) IN DRAIN
- (35) IN DRAIN
- (36) PUMP PEDE
- (37) STAIRWELL



GRATING-PLATFORM  
 HVAC PLENUM  
 PIPE ADJACENT TO PLENUM  
 HVAC PLENUM  
 FLOOR GRATING

SURFACE CRACK  
NOTED IN 2018

FLOOR  
ELEVATION = 78.5 FEET

PLATFORM  
EL=85.6 FEET

LADDER FROM  
78.5 TO 85.6  
LEVELS

83 Ft level





## Bench Counter Worksheet

Client Name:	PNPF	Instrument Make:	Ludlum
Client Address:	83F-1-1	Instrument Model:	2929
		Instrument S/N:	121877
		Calibration Date:	4/28/2020
		Calibration Due Date:	4/28/2021
Phone Number:		Analysis Number:	

DATA FOR 1 -MINUTE COUNTS			
Sample	Description	Alpha	Beta
Background	Background Count #1	0	59
Background	Background Count #2	1	43
1	See attached map	0	41
2		3	53
3		0	48
4		0	49
5		0	60
6		0	48
7		1	55
8		1	56
9		1	65
10		0	62
11		0	54
12		1	62
13		0	54
14		0	50
15		0	56
16		1	46
17		1	51
18		1	57
19		0	41
Additional Comment:			
Analyzed by/date: (name/date)			

Critical values: 4.3α 82β

Dade Moeller  
Radiological Survey Report

Laboratory Description: <u>83F-1-2</u>				Date: <u>6/8/2020</u>						
Purpose of Survey: <u>CSS</u>				Performed By:						
				Print: <u>JEFF GAGNE</u>						
				Sign: <u>[Signature]</u>						
<b>Sketch of Area</b> -SEE ATTACHED PAGE FOR SKETCH -ELEVATED GRATE FLOORING FOR ALL LOCATIONS EXCEPT #14, WHICH IS A METAL PLATE.				<b>Direct Results</b> cpm/100cm <sup>2</sup>						
				Direct #	Beta	Alpha				
				1	105	2				
				2	132	5				
				3	128	4				
				4	122	8				
				5	143	5				
				6	115	4				
				7	89	6				
				8	126	5				
				9	110	1				
				10	117	0				
				11	128	5				
				12	142	3				
				13	108	4				
				14	128	6				
				15	115	5				
16	130	2								
Legend: # - Direct Measurement # - Scan Direct Measurement ⊕ - Smear Location				<b>Instrumentation</b>						
				<b>Source Check (pre/post)</b>						
				Model #	Serial #	Background	Efficiency	Isotope	Reading	Units
				2224	162850	0α/123β		Th-230/I-129	309α/340β	CPM
								POST	306α/308β	CPM
Comments, including corrective actions if any: _____ _____ _____										

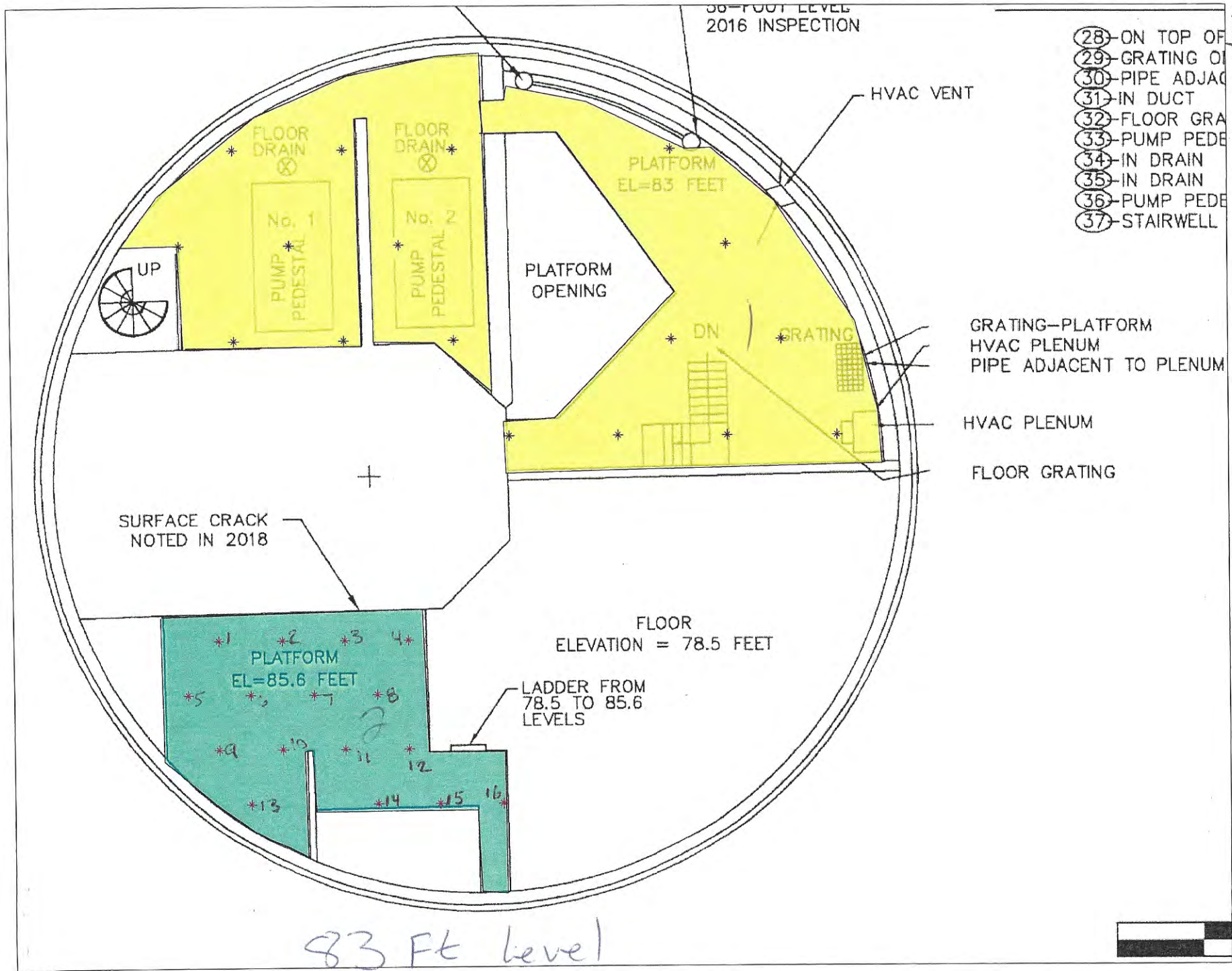
Pg. 1/3 JPL



38-FOOT LEVEL  
2016 INSPECTION

PG. 2/13 *John*

- (28) ON TOP OF
- (29) GRATING ON
- (30) PIPE ADJAC
- (31) IN DUCT
- (32) FLOOR GRA
- (33) PUMP PEDE
- (34) IN DRAIN
- (35) IN DRAIN
- (36) PUMP PEDE
- (37) STAIRWELL



GRATING-PLATFORM  
 HVAC PLENUM  
 PIPE ADJACENT TO PLENUM  
 HVAC PLENUM  
 FLOOR GRATING

83 Ft level

## Bench Counter Worksheet

Client Name:	PNPF	Instrument Make:	Ludlum
Client Address:	83F-1-2 CSS	Instrument Model:	2929
		Instrument S/N:	118411
		Calibration Date:	4/22/2020
		Calibration Due Date:	4/22/2021
Phone Number:		Analysis Number:	

DATA FOR 1 -MINUTE COUNTS			
Sample	Description	Alpha	Beta
Background	Background Count #1	0	38
Background	Background Count #2	0	44
1	See Attached Map	0	39
2		1	32
3		0	35
4		0	39
5		0	44
6		0	48
7		0	45
8		0	50
9		0	35
10		0	35
11		1	40
12		1	44
13		1	41
14		0	38
15		0	35
16		0	42
<del>Empty Section</del>			
Additional Comment:			
Analyzed by/date: (name/date)		[Signature] 6/8/2020	

Critical values:  $\alpha$  5.0  $\beta$  79

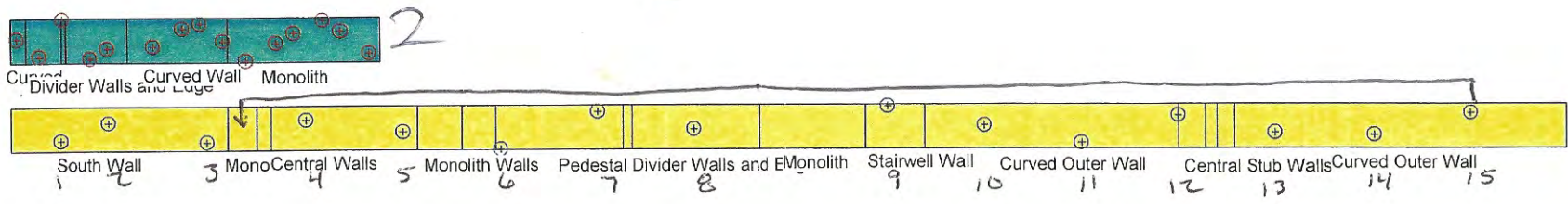


Dade Moeller  
Radiological Survey Report

Laboratory Description: <u>83W-1-1</u>				Date: <u>6/8/2020</u>						
Purpose of Survey: <u>CSS</u>				Performed By:						
				Print: <u>JEFF GAGNE</u>						
				Sign: <u>[Signature]</u>						
<b>Sketch of Area</b> - SEE ATTACHED PAGES FOR SKETCH - 100% OF WALLS SURVEYED USING 2224.				<b>Direct Results</b> cpm/100cm <sup>2</sup>						
				Direct #	Beta	Alpha				
				1	123	5				
				2	140	3				
				3	112	3				
				4	131	1				
				5	134	3				
				6	147	1				
				7	169	0				
				8	161	1				
				9	116	3				
				10	136	1				
				11	160	2				
				12	152	0				
				13	147	1				
				14	146	4				
				15	156	5				
<b>Legend:</b> # - Direct Measurement # - Scan Direct Measurement ⊕ - Smear Location				<b>Instrumentation</b>						
				Model #	Serial #	Background	Efficiency	<b>Source Check (pre/post)</b>		
				2224	162850	0 α / 123 β		Isotope	Reading	Units
								Th-230/4-129	351α / 330β	CPM
								POST	325α / 287β	CPM
Comments, including corrective actions if any: <u>N/A</u>										

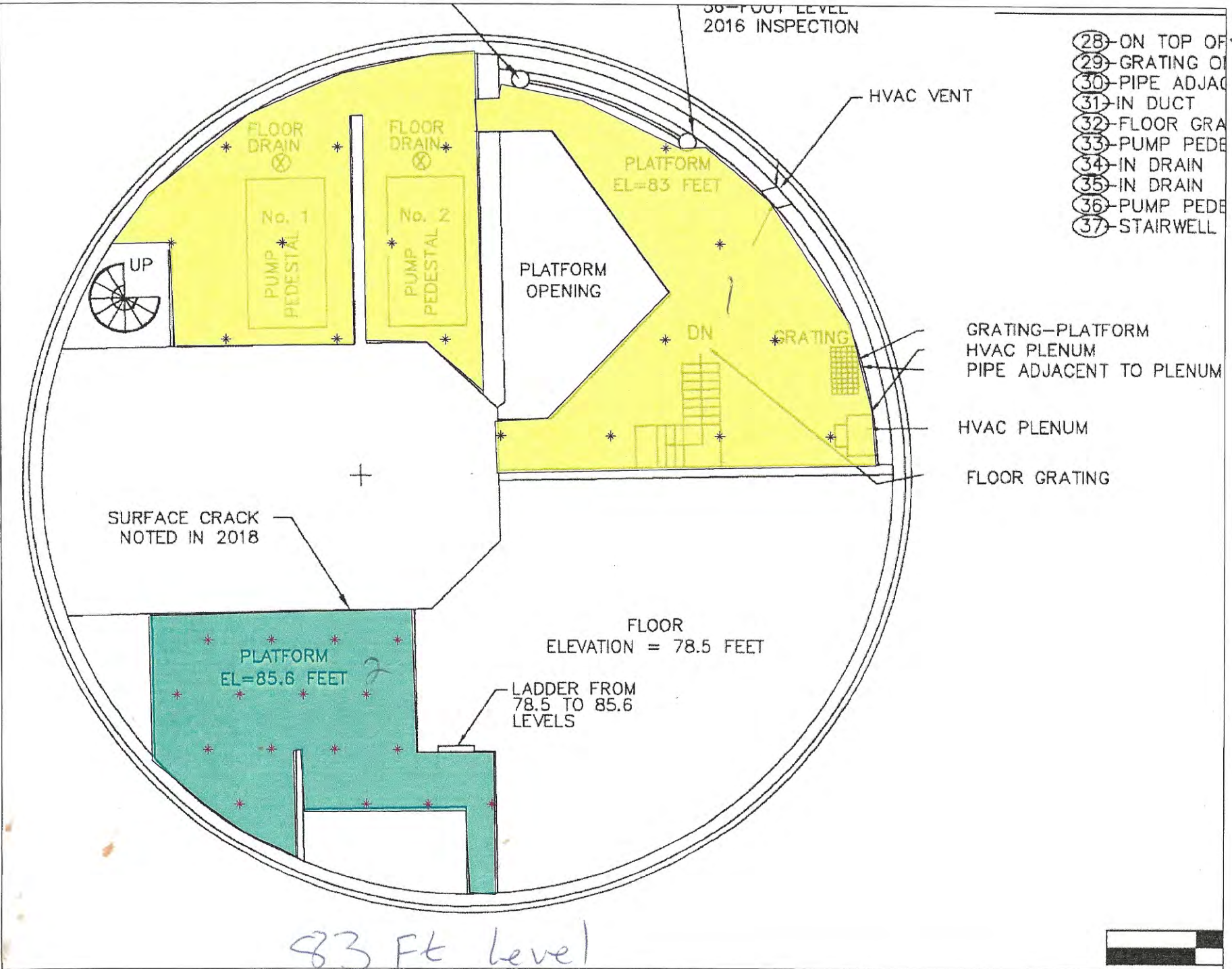
Pg. 114 [Signature]

Pl. 2/4 Jmk



83 ft. walls





*Pb. 3/4 Jan*

## Bench Counter Worksheet

Client Name:	PNPF	Instrument Make:	Lucium
Client Address:	83 W-1-1 CSS	Instrument Model:	2929
		Instrument S/N:	118411
		Calibration Date:	4/22/2020
		Calibration Due Date:	4/22/2021
Phone Number:		Analysis Number:	

DATA FOR 1 -MINUTE COUNTS			
Sample	Description	Alpha	Beta
Background	Background Count #1	0	42
Background	Background Count #2	0	40
1	See attached map	0	50
2		1	43
3		0	48
4		0	45
5		0	48
6		0	40
7		1	36
8		0	50
9		0	46
10		0	29
11		0	29
12		0	45
13		0	46
14		0	43
15		0	36
<del>Empty</del>			
Additional Comment:			
Analyzed by/date: (name/date)		A. B. 6/8/2020	

Critical values: 5α 79B

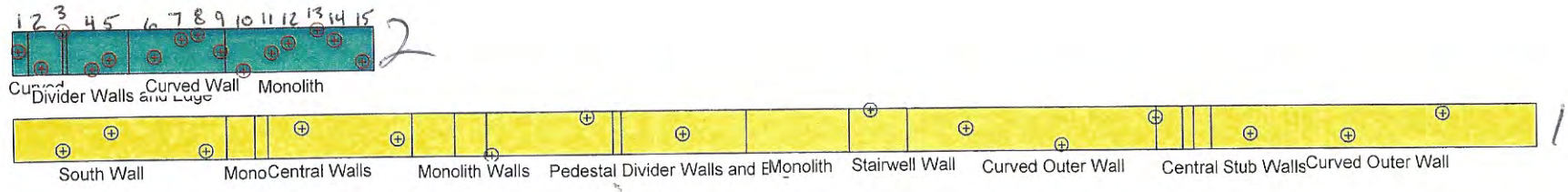


Dade Moeller  
Radiological Survey Report

Laboratory Description: <u>83W-1-2</u>				Date: <u>6/8/2020</u>						
Purpose of Survey: <u>CSS</u>				Performed By:						
				Print: <u>JEFF GAGNE</u>						
				Sign: <u>[Signature]</u>						
<b>Sketch of Area</b> -SEE ATTACHED PAGES FOR SKETCH -100% OF WALLS SURVEYED USING 2224.				<b>Direct Results</b> cpm/100cm <sup>2</sup>						
				Direct #	Beta	Alpha				
				1	174	5				
				2	138	1				
				3	112	4				
				4	166	1				
				5	168	7				
				6	179	5				
				7	184	4				
				8	143	1				
				9	162	5				
				10	133	5				
				11	119	5				
				12	135	4				
				13	136	2				
				14	110	4				
15	118	1								
<b>Legend:</b> # - Direct Measurement # - Scan Direct Measurement ⊕ - Smear Location										
<b>Instrumentation</b>				<b>Source Check (pre/post)</b>						
Model #	Serial #	Background	Efficiency	Isotope	Reading	Units				
2224	162850	0α / 123 B	/	Th-230/I-129	309α / 340β	CPM				
				POST	306α / 308β	CPM				
Comments, including corrective actions if any: <u>N/A</u>										

Pg. 1/4 JPR

Pg. 214 JPL



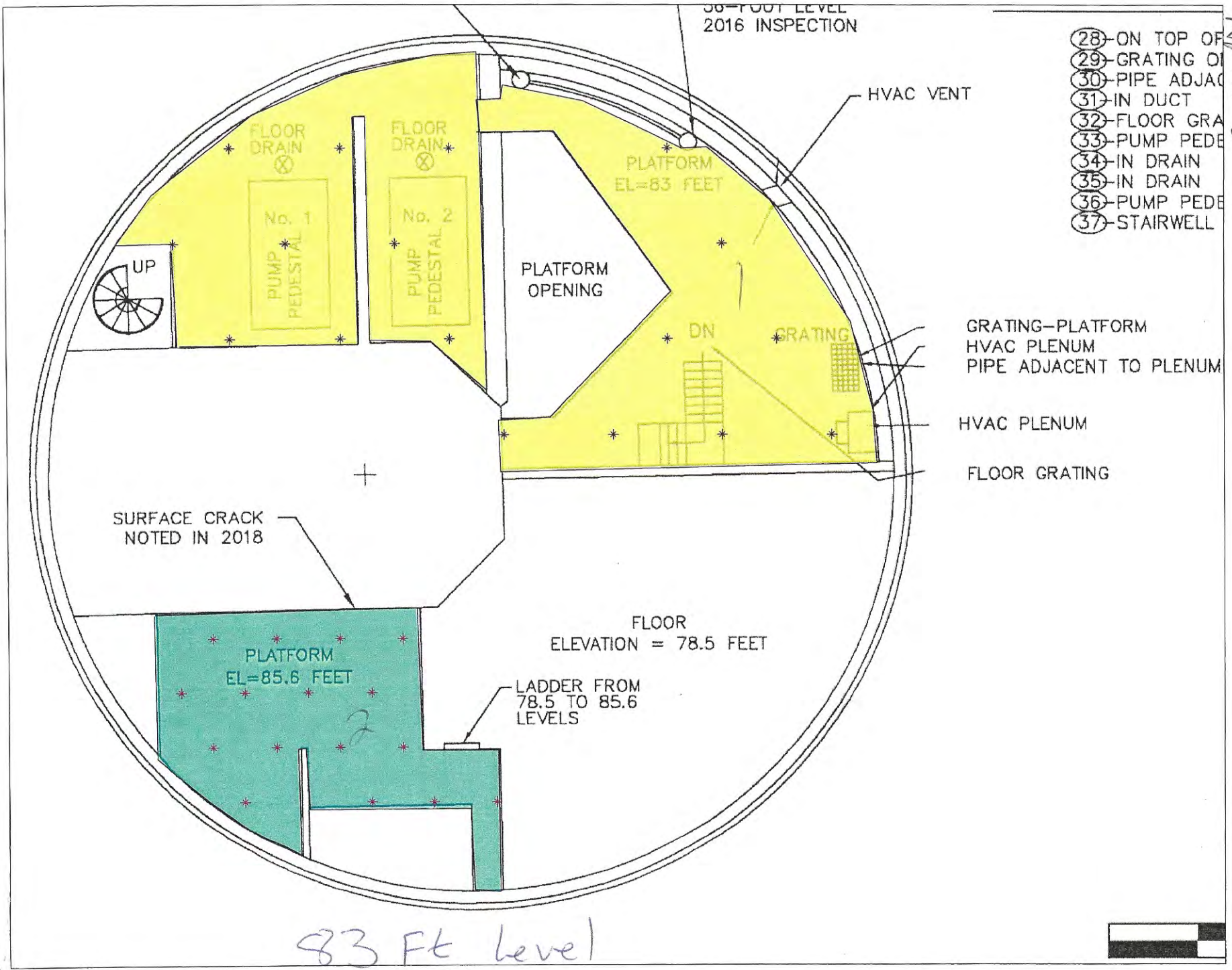
83 ft. walls



38-FOOT LEVEL  
2016 INSPECTION

PG. 3/4 JPL

- 28 ON TOP OF
- 29 GRATING ON
- 30 PIPE ADJAC
- 31 IN DUCT
- 32 FLOOR GRA
- 33 PUMP PEDE
- 34 IN DRAIN
- 35 IN DRAIN
- 36 PUMP PEDE
- 37 STAIRWELL



GRATING-PLATFORM  
 HVAC PLENUM  
 PIPE ADJACENT TO PLENUM  
 HVAC PLENUM  
 FLOOR GRATING

83 Ft level

## Bench Counter Worksheet

Client Name:	PNPF	Instrument Make:	Ludlum
Client Address:	83 W - 1 - 2 CSS	Instrument Model:	2929
		Instrument S/N:	121877
		Calibration Date:	4/28/2020
		Calibration Due Date:	4/28/2021
Phone Number:		Analysis Number:	

DATA FOR 1 -MINUTE COUNTS			
Sample	Description	Alpha	Beta
Background	Background Count #1	0	64
Background	Background Count #2	0	60
1	See attached map	0	49
2		1	61
3		0	45
4		1	56
5		0	50
6		0	48
7		0	59
8		0	44
9		0	72
10		0	48
11		0	63
12		1	52
13		1	49
14		0	48
15		1	56
<del>Empty grid area</del>			
Additional Comment:		Analyzed by/date: (name/date)	
		C. [Signature] 6/8/2020	

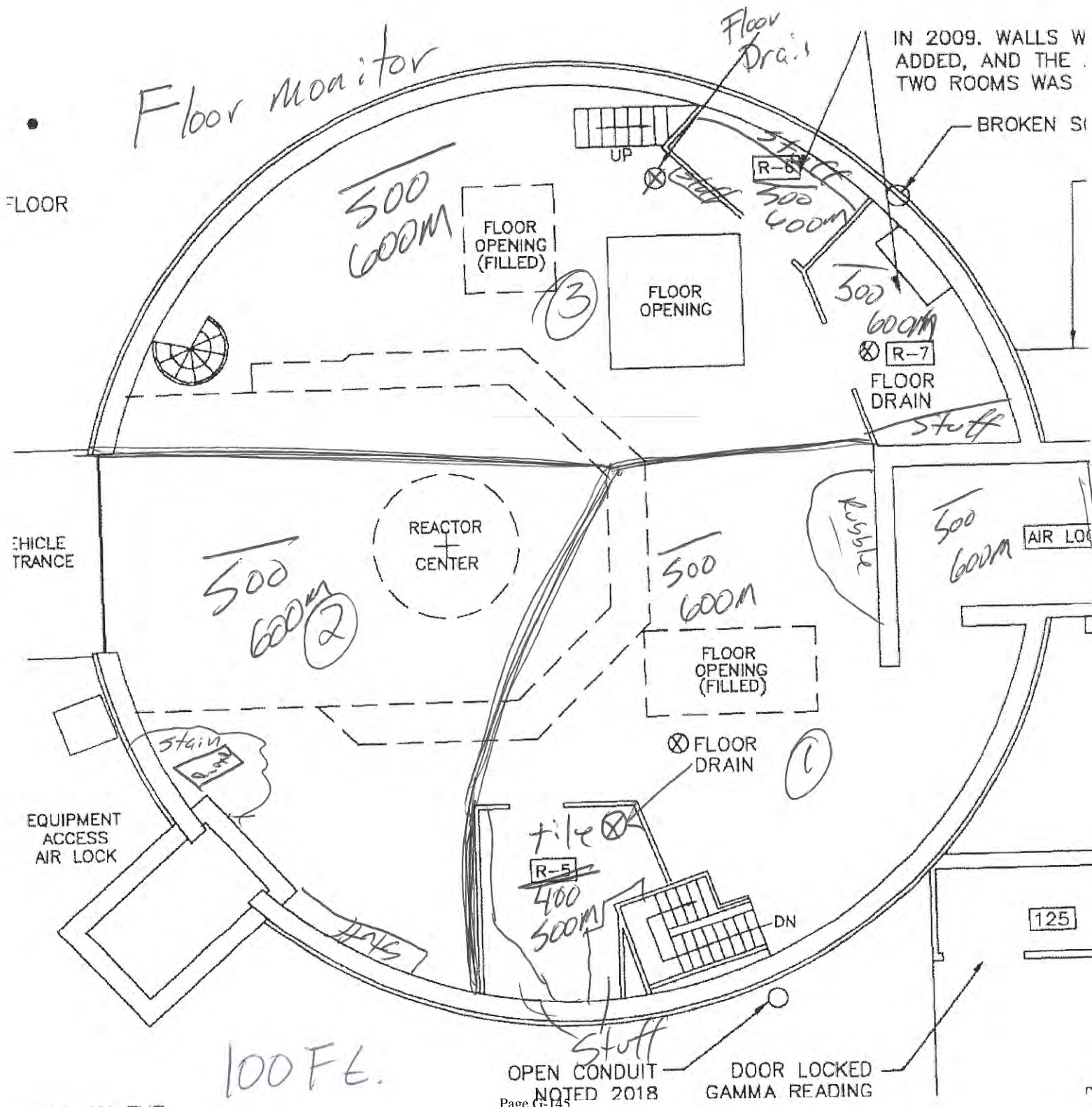
Critical values  $\alpha$  4.3  $\beta$  82











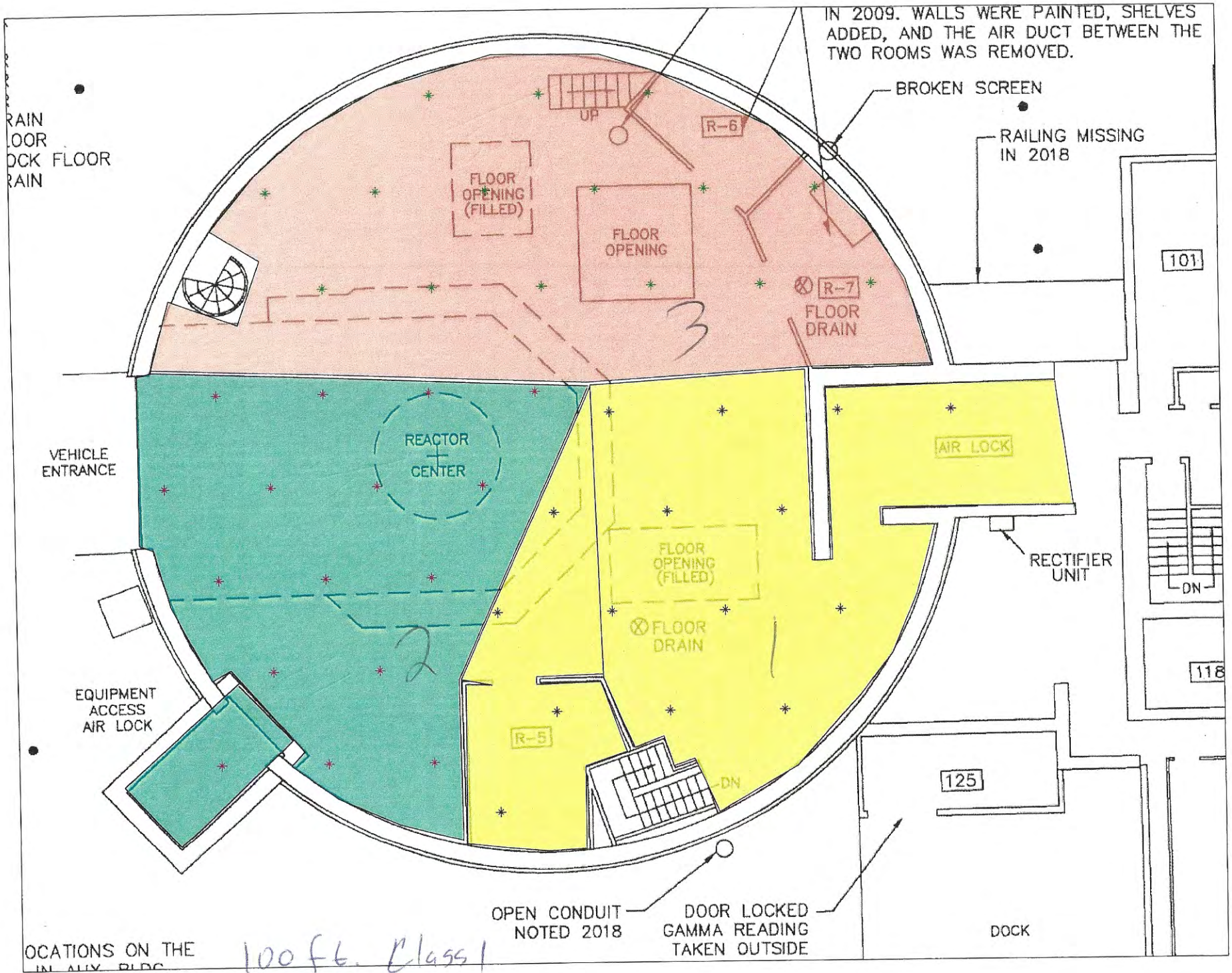
IN 2009, WALLS W ADDED, AND THE TWO ROOMS WAS BROKEN SI

Dy 6/19/2010

100 FE.

OPEN CONDUIT NOTED 2018 DOOR LOCKED GAMMA READING





IN 2009. WALLS WERE PAINTED, SHELVES ADDED, AND THE AIR DUCT BETWEEN THE TWO ROOMS WAS REMOVED.

BROKEN SCREEN

RAILING MISSING IN 2018

RAIN FLOOR DOCK FLOOR RAIN

101

FLOOR OPENING (FILLED)

FLOOR OPENING

R-7 FLOOR DRAIN

3

VEHICLE ENTRANCE

REACTOR CENTER

AIR LOCK

RECTIFIER UNIT

118

EQUIPMENT ACCESS AIR LOCK

FLOOR OPENING (FILLED)

FLOOR DRAIN

2

R-5

DN

125

OPEN CONDUIT NOTED 2018

DOOR LOCKED GAMMA READING TAKEN OUTSIDE

DOCK

LOCATIONS ON THE IN ALL BLDC

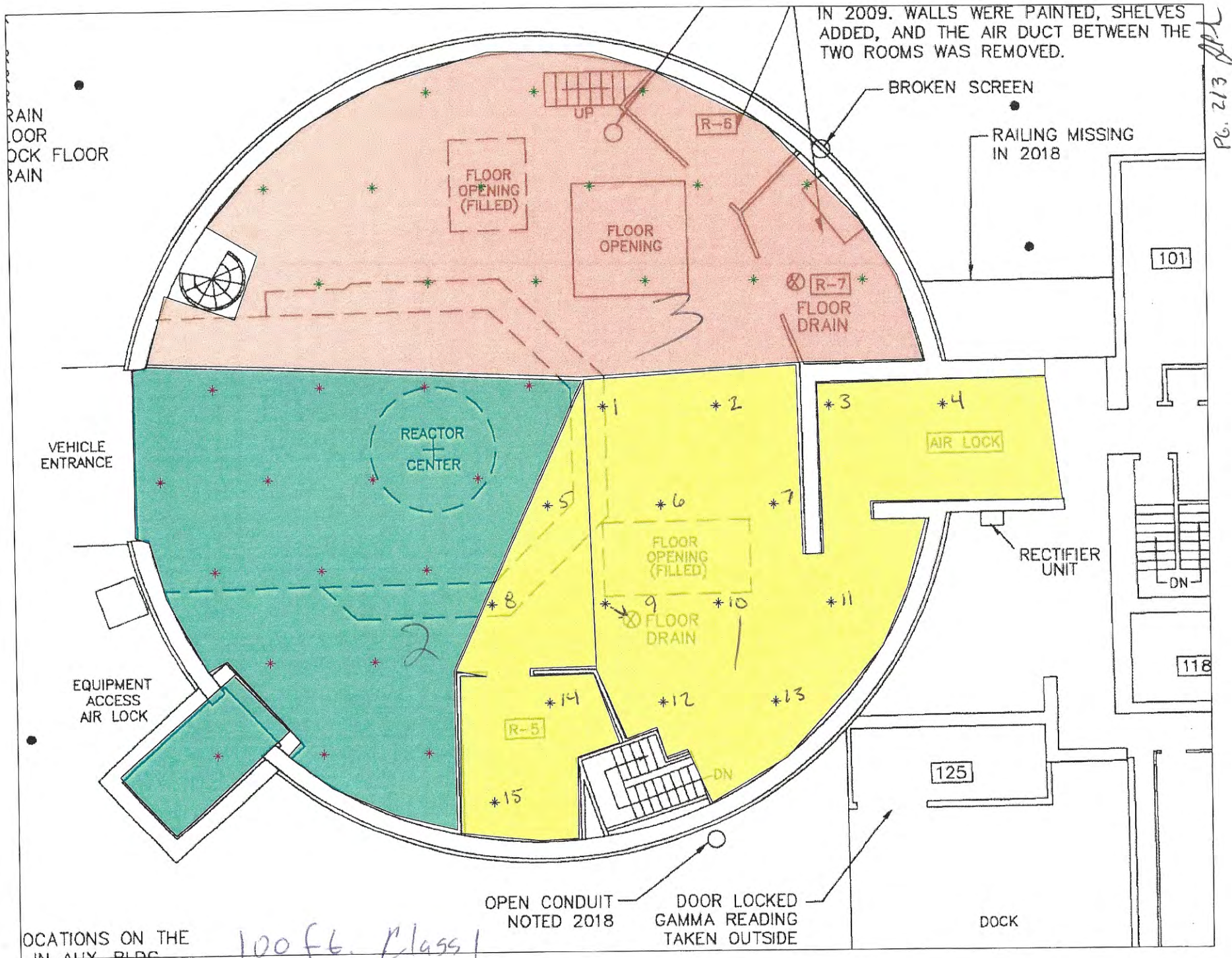
100 ft. Class 1



Dade Moeller  
Radiological Survey Report

Laboratory Description: <u>100F-1-1</u>				Date: <u>6/5/2020</u>						
Purpose of Survey: <u>CSS</u>				Performed By:						
				Print: <u>JEFF GAGNE</u>						
				Sign: <u>[Signature]</u>						
<b>Sketch of Area</b> -SEE ATTACHED PAGE FOR SKETCH -YELLOW ZONE FLOOR -LOCATION #14 TAKEN ON UNLABELED FLOOR DRAIN -LOCATION #15 TAKEN ON TILE FLOOR				<b>Direct Results</b> cpm/100cm <sup>2</sup>						
				Direct #	Beta	Alpha				
				1	163	2				
				2	199	2				
				3	170	2				
				4	160	2				
				5	158	4				
				6	168	2				
				7	175	1				
				8	191	2				
				9	156	4				
				10	153	2				
				11	170	2				
				12	185	3				
				13	174	3				
				14	136	3				
15	117	2								
Legend: # - Direct Measurement # - Scan Direct Measurement ⊕ - Smear Location				<b>Instrumentation</b>						
				Model #	Serial #	Background	Efficiency	<b>Source Check (pre/post)</b>		
				2224	162850	2α / 138β	/	Isotope	Reading	Units
								Th-230/E-129	317α/316β	CPM
								POST	326α/334β	CPM
Comments, including corrective actions if any: <u>N/A</u>										

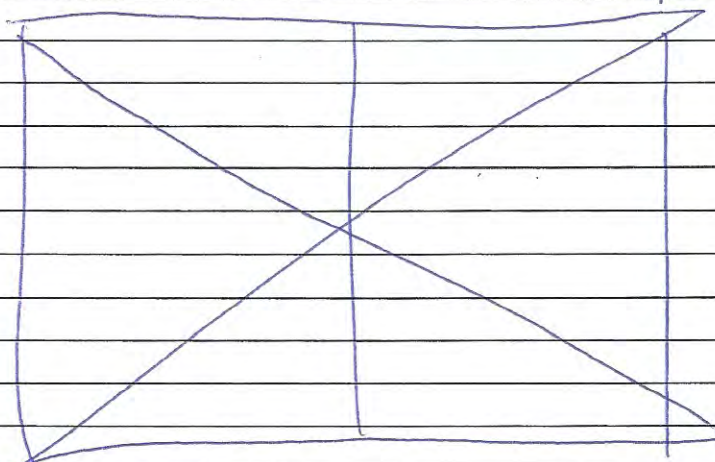
Pg. 1/3 [Signature]





## Bench Counter Worksheet

Client Name:	PNPF	Instrument Make:	Ludlum
Client Address:	100F-1-1	Instrument Model:	2929
	CSS	Instrument S/N:	121877
		Calibration Date:	4/28/2020
		Calibration Due Date:	4/28/2021
Phone Number:		Analysis Number:	

DATA FOR 1 -MINUTE COUNTS				
Sample	Description	Alpha	Beta	
Background	Background Count #1	0	52	
Background	Background Count #2	0	56	
1	See attached map 	0	56	
2		0	61	
3		0	69	
4		0	51	
5		0	61	
6		0	68	
7		0	56	
8		0	52	
9		0	58	
10		0	45	
11		0	59	
12		0	50	
13		0	54	
14		fan tile	0	49
15		fan tile	0	56

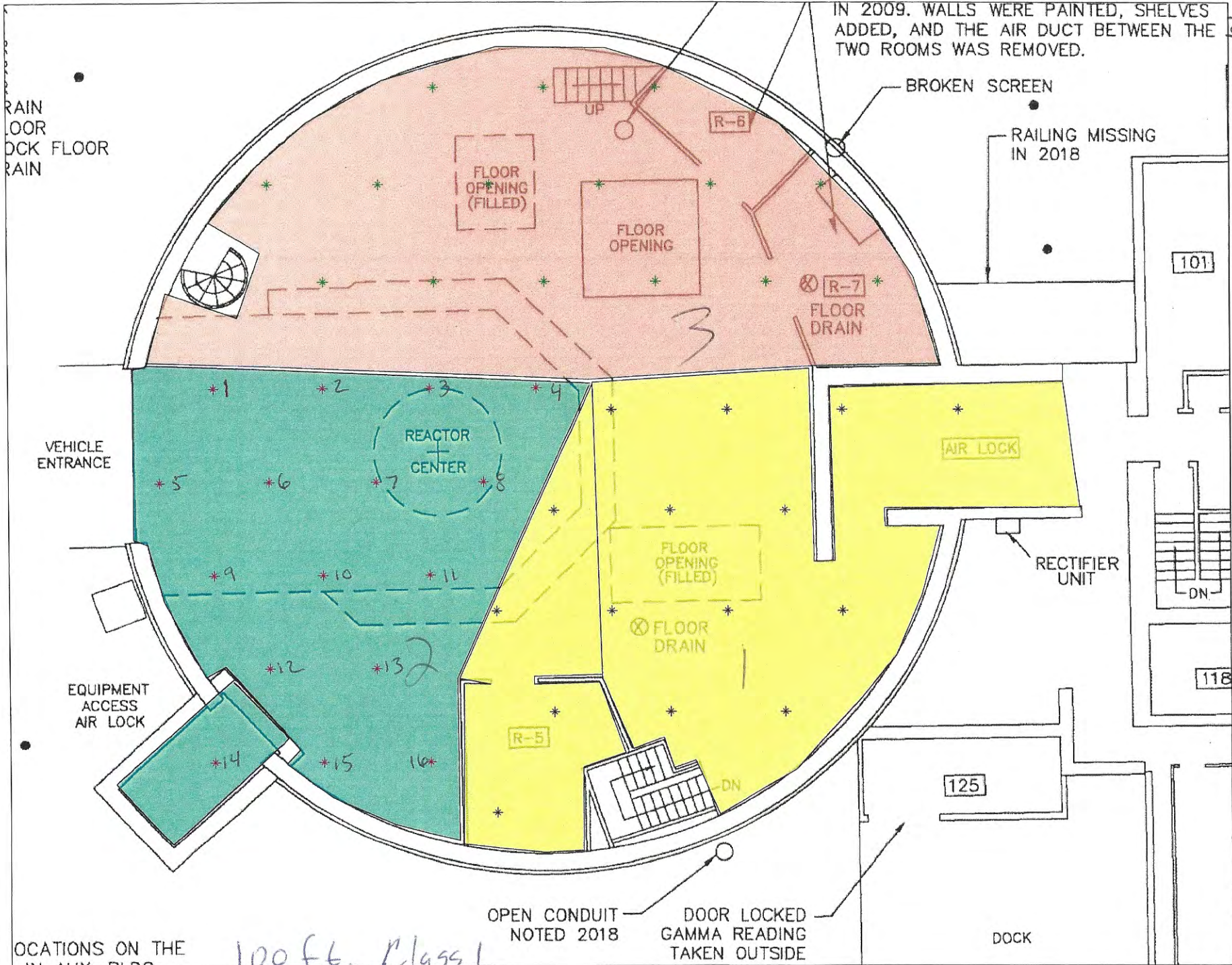
Additional Comment: *Ce 6/5/2020*

Analyzed by/date: (name/date) *Ce 6/5/2020*

Critical values 4.3α 82B





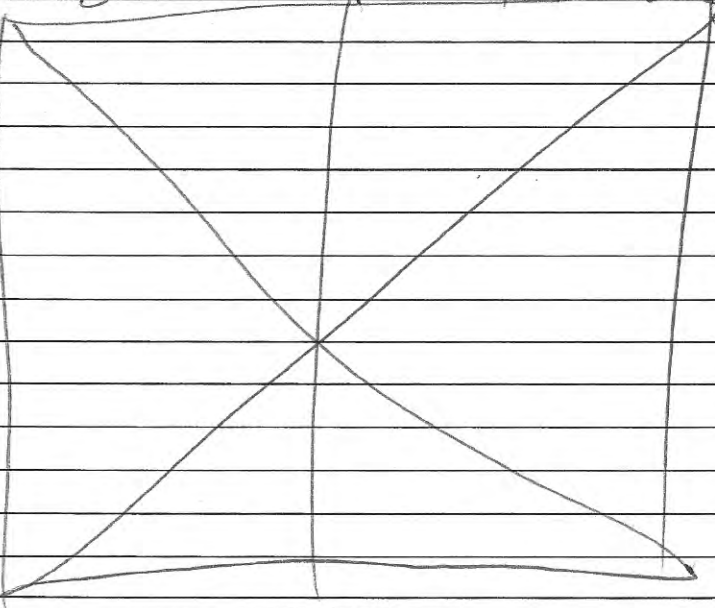


Pg. 2/3 JPK



## Bench Counter Worksheet

Client Name:	PNPF	Instrument Make:	Ludlum
Client Address:	100F-1-2	Instrument Model:	2929
	CSS	Instrument S/N:	121877
		Calibration Date:	4/28/2020
		Calibration Due Date:	4/28/2021
Phone Number:		Analysis Number:	

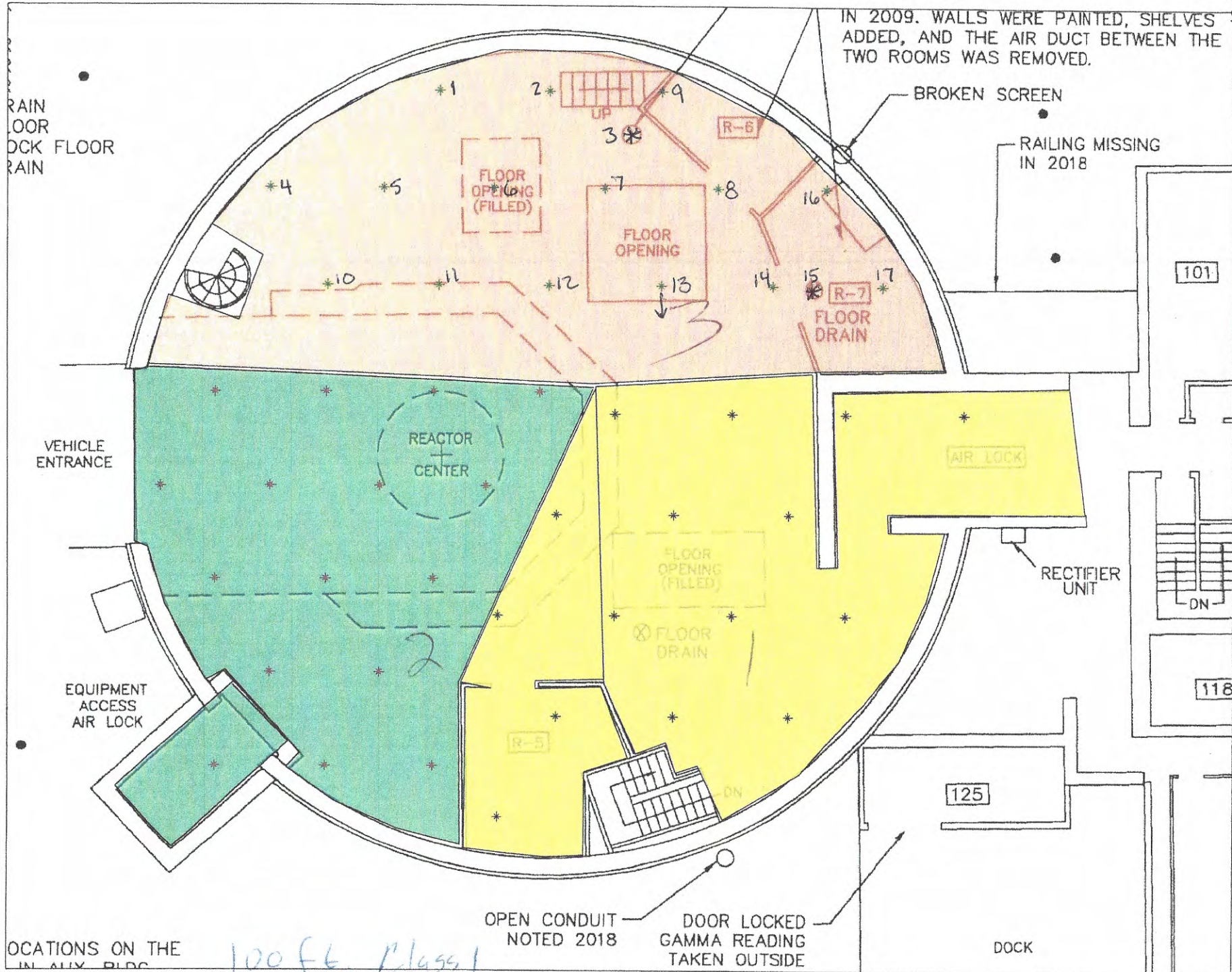
DATA FOR 1 -MINUTE COUNTS			
Sample	Description	Alpha	Beta
Background	Background Count #1	1	53
Background	Background Count #2	0	59
1	See attached map 	0	47
2		0	74
3		0	56
4		0	50
5		0	43
6		0	56
7		0	59
8		0	43
9		0	49
10		0	50
11		0	60
12		0	60
13		0	61
14		0	50
15		0	51
16		1	55
Additional Comment:			
Analyzed by/date: (name/date)		C. J. [Signature] 6/5/2020	

Critical Value  $\alpha$  4.3  $\beta$  82









IN 2009. WALLS WERE PAINTED, SHELVES ADDED, AND THE AIR DUCT BETWEEN THE TWO ROOMS WAS REMOVED.

Pg. 2/13 JPL

RAIN  
LOOR  
OCK FLOOR  
RAIN

BROKEN SCREEN

RAILING MISSING  
IN 2018

101

VEHICLE  
ENTRANCE

REACTOR  
CENTER

AIR LOCK

RECTIFIER  
UNIT

118

EQUIPMENT  
ACCESS  
AIR LOCK

R-5

125

OPEN CONDUIT  
NOTED 2018

DOOR LOCKED  
GAMMA READING  
TAKEN OUTSIDE

DOCK

LOCATIONS ON THE  
IN AUX. BLDG

100 ft. Class 1



## Bench Counter Worksheet

Client Name:	PNPF	Instrument Make:	Ludlum
Client Address:	100 F-1-3	Instrument Model:	2929
	CSS	Instrument S/N:	121877
		Calibration Date:	4/28/2020
		Calibration Due Date:	4/28/2021
Phone Number:		Analysis Number:	

### DATA FOR 1 -MINUTE COUNTS

Sample	Description	Alpha	Beta
Background	Background Count #1	0	63
Background	Background Count #2	0	53
1	See attached map	0	44
2		0	51
3		0	38
4		0	53
5		0	56
6		0	55
7		0	54
8		0	62
9		0	51
10		0	59
11		0	50
12		0	45
13		0	55
14		0	59
15		0	48
16		0	71
17		0	55

Additional Comment:

Analyzed by/date: (name/date)

*C. J. Smith* 6/5/2020

Critical Value 4.32 82B

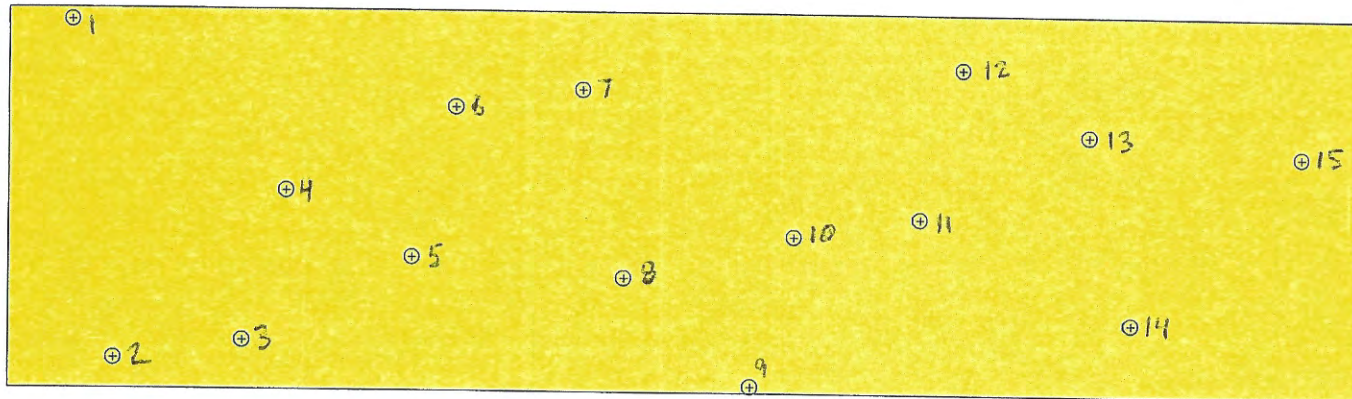
Dade Moeller  
Radiological Survey Report

Laboratory Description: 100 UW-1-1				Date: 6/3/2020						
Purpose of Survey: CSS				Performed By:						
				Print: JEFF GAGNE						
				Sign: <i>[Signature]</i>						
<b>Sketch of Area</b> - INSIDE REACTOR DOME - SEE ATTACHED PAGE FOR SKETCH, LOCATIONS, AND HEIGHTS - COMPUTER GENERATED HEIGHT WERE ADJUSTED AS NEEDED DUE TO ACCESS RESTRICTIONS, HEIGHTS USED LISTED ON ATTACHED PAGE. - ADDITIONAL DIRECT AND 3 SMEARS TAKEN ON INSIDE OF EXPOSED HVAC DUCTWORK.				<b>Direct Results</b> cpm/100cm <sup>2</sup>						
				Direct #	Beta	Alpha				
				1	205	4				
				2	146	3				
				3	191	5				
				4	210	2				
				5	172	1				
				6	163	5				
				7	169	4				
				8	196	0				
				9	154	2				
				10	176	2				
				11	161	2				
				12	183	3				
				13	198	3				
				14	172	2				
				15	184	3				
16	130	1								
Legend: # - Direct Measurement # - Scan Direct Measurement ⊕ - Smear Location				/						
				<b>Instrumentation</b>				<b>Source Check (pre/post)</b>		
				Model #	Serial #	Background	Efficiency	Isotope	Reading	Units
				2224	162850	1α/122β		Tl-230/2-129	347α/364β	CPM
								POST	298α/322β	CPM
				Comments, including corrective actions if any: 15 COMPUTER RANDOMIZED LOCATIONS WERE CHOSEN.						

PG. 1/4 *[Signature]*



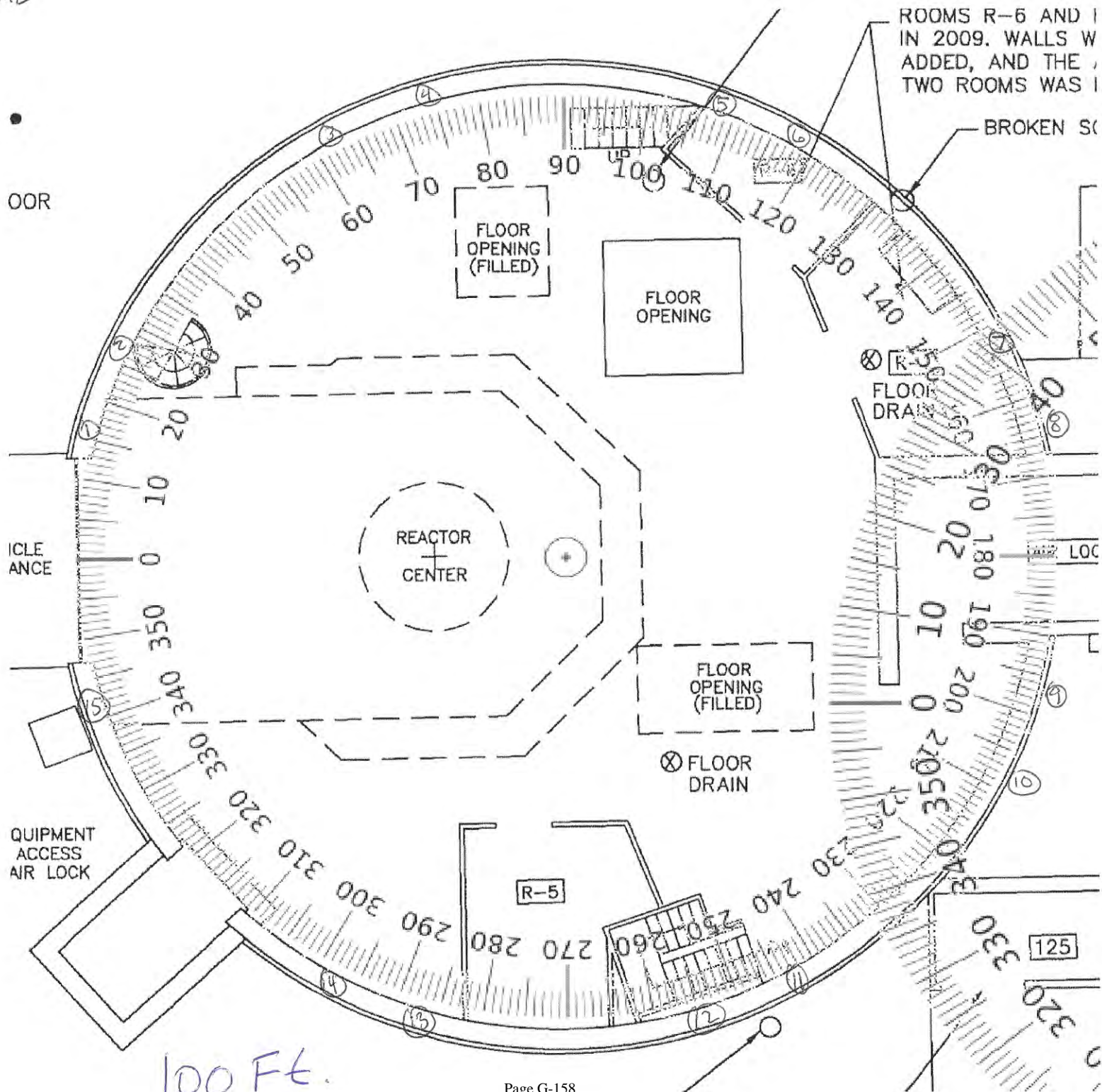
PG. 2/4 JPN



1.  $16^\circ$  56 FT.
2.  $28^\circ$  7.2 FT.
3.  $62^\circ$  8.6 FT.
4.  $73^\circ$  47 FT.
5.  $107^\circ$  25 FT.
6.  $118^\circ$  15 FT.
7.  $152^\circ$  20 FT.
8.  $163^\circ$  20.2 FT.
9.  $197^\circ$  6.7 FT.
10.  $208^\circ$  27.7 FT.
11.  $242^\circ$  31 FT.
12.  $253^\circ$  19 FT.
13.  $287^\circ$  54 FT.
14.  $298^\circ$  12.7 FT.
15.  $343^\circ$  47 FT.

100 FL. 3+ meter walls

INSIDE DOME



ROOMS R-6 AND R-5  
IN 2009. WALLS W  
ADDED, AND THE  
TWO ROOMS WAS I

BROKEN SC

DOOR

ICE  
ANCE

EQUIPMENT  
ACCESS  
AIR LOCK

125

100 Ft.

Pl. 3/4 JPL



## Bench Counter Worksheet

Client Name:	PNPF	Instrument Make:	Ludlum
Client Address:	Piqua	Instrument Model:	2929
		Instrument S/N:	121877
	100 W 3 <sup>+</sup> meter	Calibration Date:	4/28/2020
		Calibration Due Date:	4/28/2021
Phone Number:		Analysis Number:	

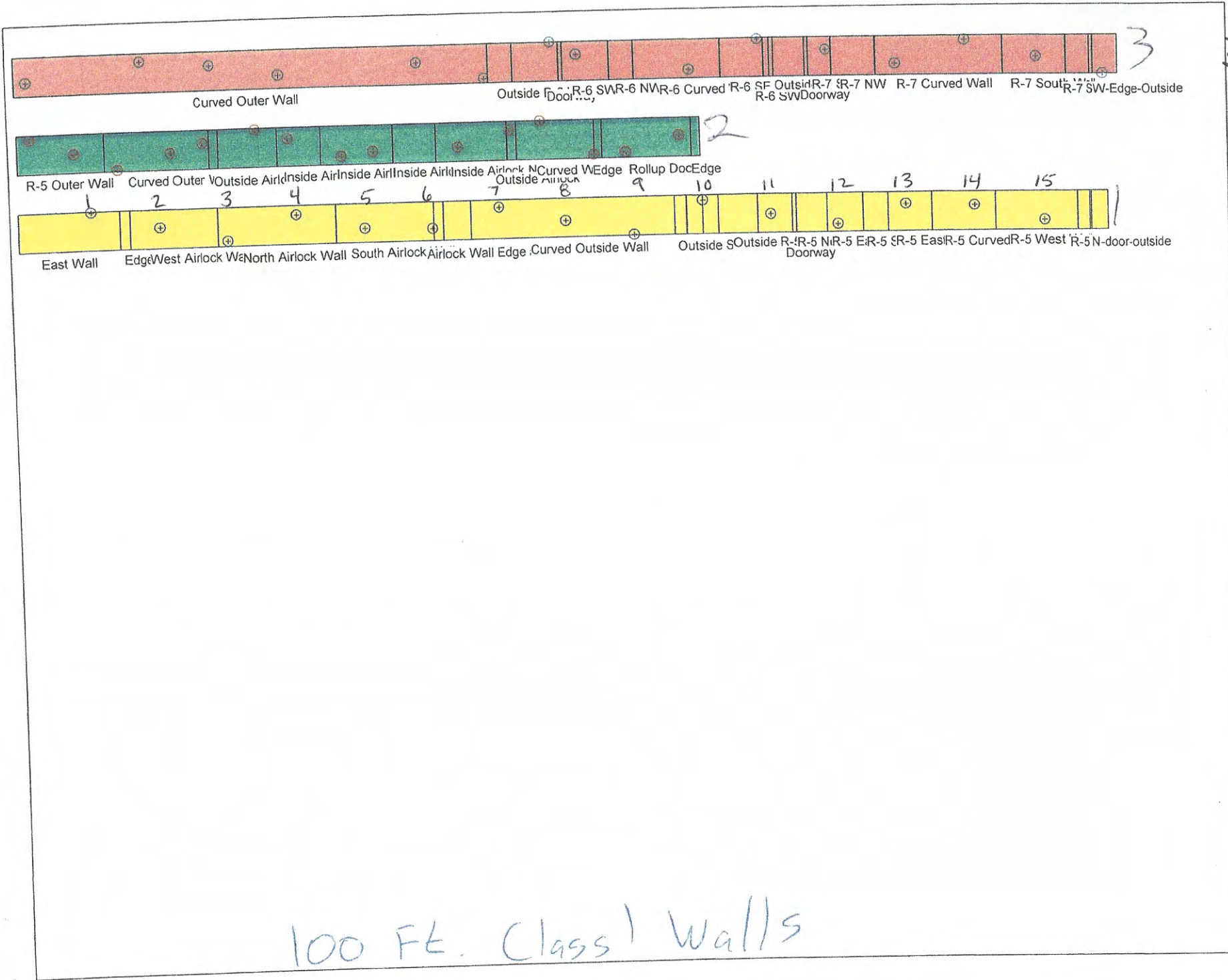
### DATA FOR 1 -MINUTE COUNTS

Sample	Description	Alpha	Beta
Background	Background Count #1	0	66
Background	Background Count #2	0	63
1	See map with Direct Survey	0	65
2		1	55
3		0	73
4		0	67
5		0	78
6		0	67
7		1	55
8		1	72
9		0	47
10		0	79
11		1	64
12		1	64
13		0	77
14		1	38
15		1	58
1	Inside Large duct left	0	72
2	" " " bottom	0	76
3	" " " Right	1	67

Additional Comment: Critical Values = 82.4 Bq & 4.32  
 Analyzed by/date: (name/date) *Con Sto 6/3 & 6/4/2020*

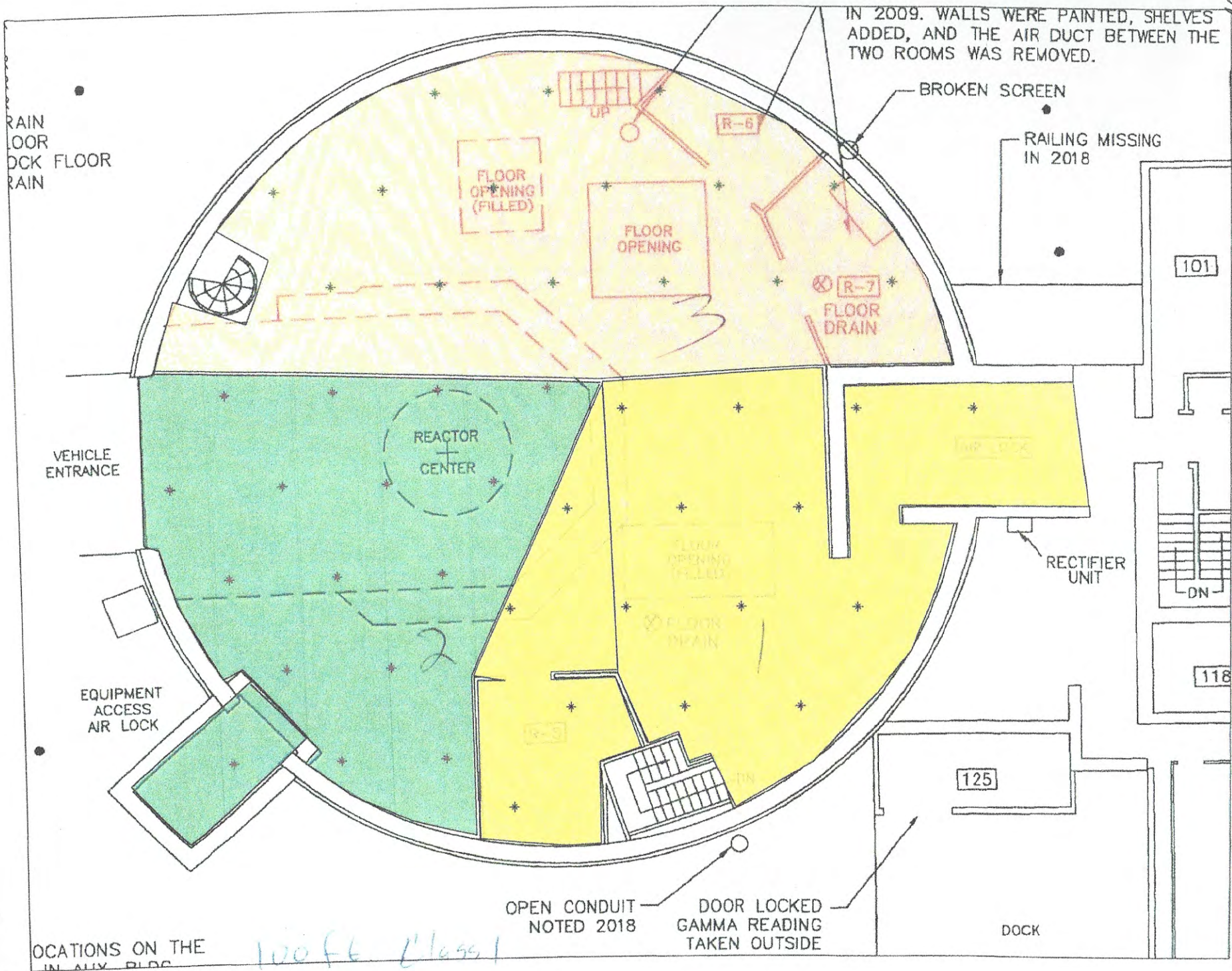






PG. 2/4 JPK

100 FE. Class 1 walls







## Bench Counter Worksheet

Client Name:	PNPF	Instrument Make:	Ludlum
Client Address:	100W-1-1	Instrument Model:	2929
	CSS	Instrument S/N:	121877
		Calibration Date:	4/28/2020
		Calibration Due Date:	4/28/2021
Phone Number:		Analysis Number:	

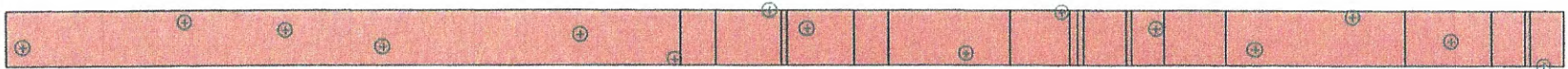
DATA FOR 1 -MINUTE COUNTS			
Sample	Description	Alpha	Beta
Background	Background Count #1	0	42
Background	Background Count #2	0	55
1	See Attached Map	0	72
2		1	55
3		0	58
4		0	51
5		4	44
6		4	46
7		0	54
8		0	52
9		1	60
10		1	45
11		0	51
12		2	55
13		1	55
14		1	63
15		0	49
Additional Comment:		Analyzed by/date: (name/date) <i>Arbato 6/5/2020</i>	

Critical values 4.32 82B





PG. 214 JMC



3

Curved Outer Wall

Outside Door R-6 SW R-6 NW Curved R-6 SF Outside R-7 SR-7 NW R-7 Curved Wall R-7 South R-7 SW-Edge-Outside



2

R-5 Outer Wall Curved Outer Outside Air Inside Air Inside Air Inside Air Inside Airlock N Curved W Edge Rollup Doc Edge

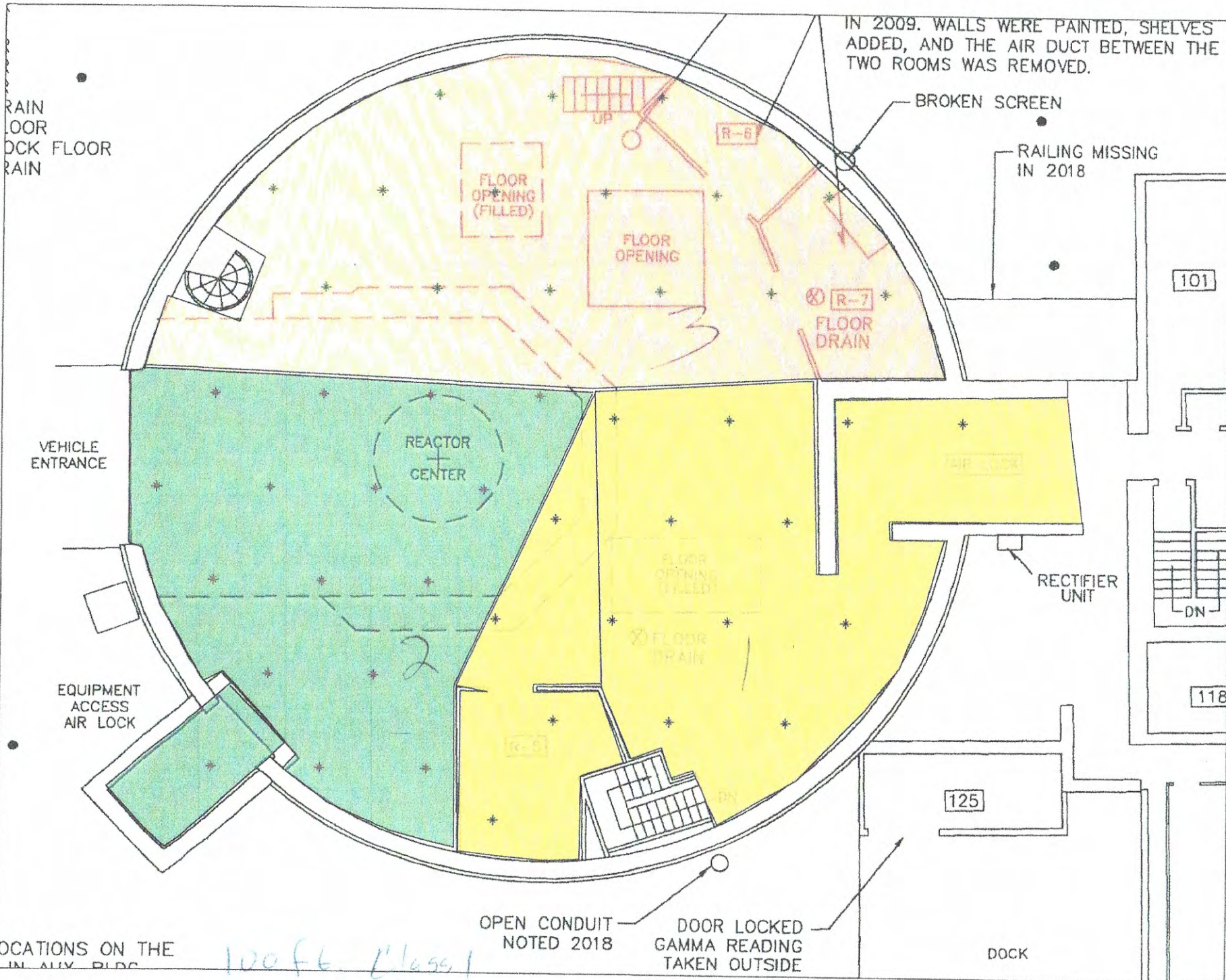


East Wall Edge West Airlock W North Airlock Wall South Airlock Airlock Wall Edge Curved Outside Wall Outside S Outside R-5 N R-5 E R-5 SR-5 East R-5 Curved R-5 West R-5 N-door-outside Doorway

100 Ft. Class 1 Walls

pg. 314 jll

IN 2009, WALLS WERE PAINTED, SHELVES ADDED, AND THE AIR DUCT BETWEEN THE TWO ROOMS WAS REMOVED.



RAIN FLOOR  
DOCK FLOOR  
RAIN

BROKEN SCREEN

RAILING MISSING IN 2018

101

VEHICLE ENTRANCE

REACTOR CENTER

RECTIFIER UNIT

DN

118

EQUIPMENT ACCESS AIR LOCK

125

DOCK

OPEN CONDUIT NOTED 2018

DOOR LOCKED GAMMA READING TAKEN OUTSIDE

LOCATIONS ON THE IN ALL BLDG

100 ft. Class 1



## Bench Counter Worksheet

Client Name:	PNPF	Instrument Make:	Ludlum
Client Address:	100 W-1-2	Instrument Model:	2929
	CSS	Instrument S/N:	121877
		Calibration Date:	4/23/2020
		Calibration Due Date:	4/28/2021
Phone Number:		Analysis Number:	

DATA FOR 1 -MINUTE COUNTS			
Sample	Description	Alpha	Beta
Background	Background Count #1	1	57
Background	Background Count #2	0	48
1	See attached map	0	62
2		1	41
3		1	53
4		0	53
5		0	52
6		0	59
7		1	53
8		0	57
9		1	53
10		0	51
11		0	61
12		0	63
13		1	53
14		0	66
15		1	64
Additional Comment:			
Analyzed by/date: (name/date)		D. J. S. 6/5/2020	

Critical value 4.3x 82B

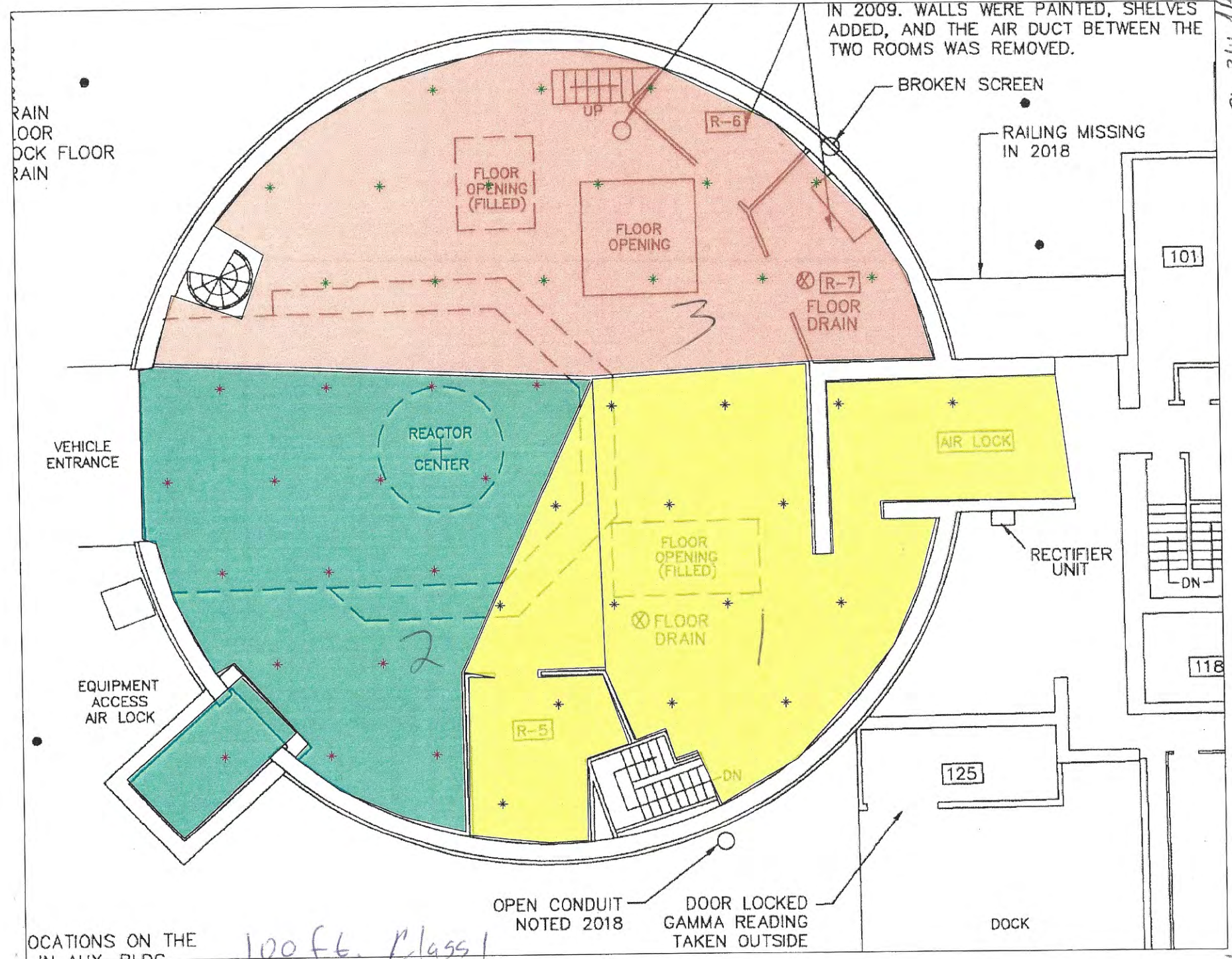






PG. 3/4 JML

IN 2009. WALLS WERE PAINTED, SHELVES ADDED, AND THE AIR DUCT BETWEEN THE TWO ROOMS WAS REMOVED.





## Bench Counter Worksheet

Client Name:	PNPF	Instrument Make:	Ludlum
Client Address:	100W-1-3	Instrument Model:	2929
	CSS	Instrument S/N:	121877
		Calibration Date:	4/28/2020
		Calibration Due Date:	4/28/2021
Phone Number:		Analysis Number:	

DATA FOR 1 -MINUTE COUNTS			
Sample	Description	Alpha	Beta
Background	Background Count #1	0	48
Background	Background Count #2	0	58
1	See attached Map	0	56
2		0	63
3		0	57
4		1	68
5		0	54
6		0	48
7		1	55
8		0	49
9		0	43
10		0	39
11		0	45
12		0	59
13		1	58
14		0	63
15		0	55

Additional Comment: \_\_\_\_\_  
 Analyzed by/date: (name/date) *C. Stew 6/15/2020*

Critical value  $4.3\alpha$  82B

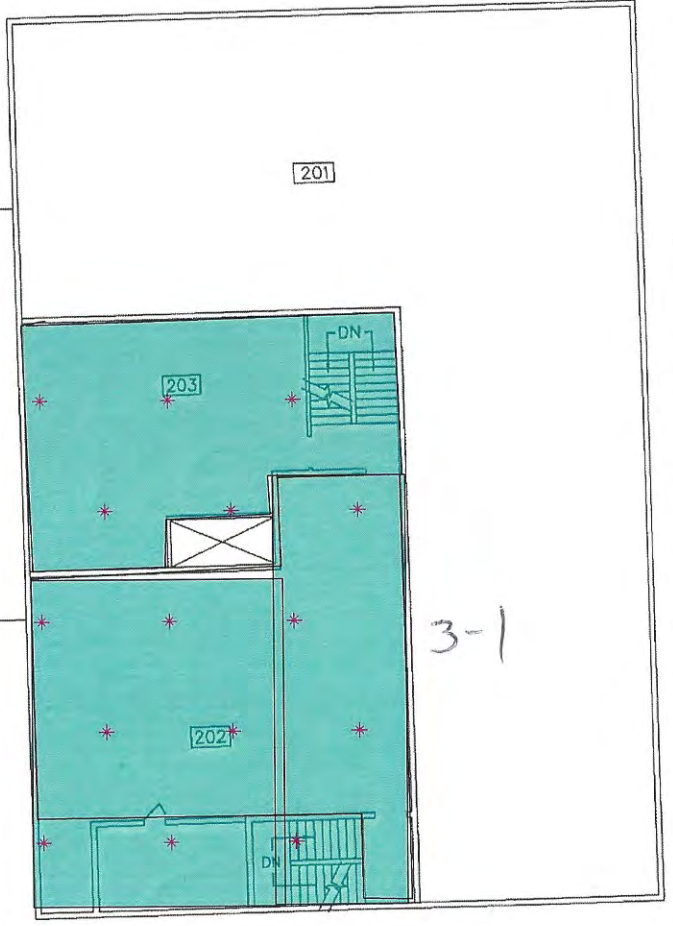
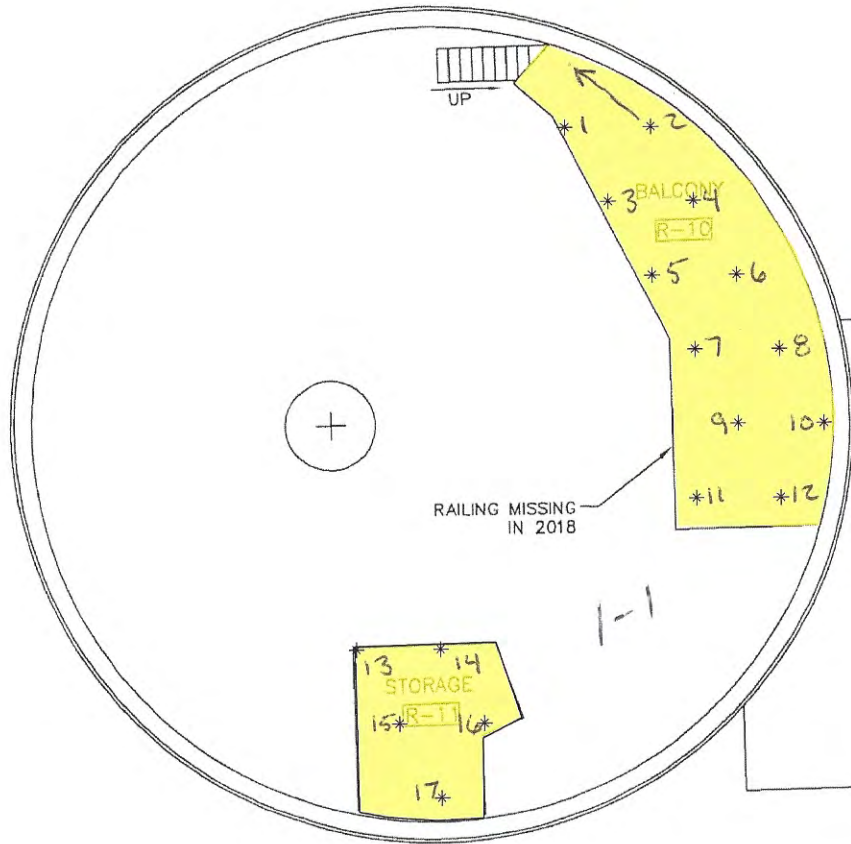
Dade Moeller  
Radiological Survey Report

Laboratory Description: <u>111F-1-1</u>				Date: <u>6/8/2020</u>		
Purpose of Survey: <u>CSS</u>				Performed By:		
				Print: <u>JEFF GAGNE</u>		
				Sign: <u>[Signature]</u>		
<b>Sketch of Area</b> - SEE ATTACHED PAGE FOR SKETCH - 100% FLOOR SURVEY PERFORMED USING MODEL 2224, NO ELEVATED READINGS FOUND. DIRECT READINGS TAKEN AT IDENTIFIED LOCATIONS. - LOCATION #2 SHIFTED DUE TO WET FLOOR				<b>Direct Results</b> cpm/100cm <sup>2</sup>		
				Direct #	Beta	Alpha
				1	169	2
				2	167	1
				3	165	2
				4	184	4
				5	191	0
				6	153	5
				7	186	0
				8	158	1
				9	150	2
				10	193	4
				11	226	5
				12	211	2
				13	184	4
				14	217	4
				15	208	1
				16	202	4
17	194	3				
Legend: # - Direct Measurement # - Scan Direct Measurement ⊕ - Smear Location						
<b>Instrumentation</b>				<b>Source Check (pre/post)</b>		
Model #	Serial #	Background	Efficiency	Isotope	Reading	Units
2224	162850	0 α / 123 β		Th-230 / I-129	278 α / 278 β	CPM
				POST	309 α / 310 β	CPM
Comments, including corrective actions if any: <u>N/A</u>						

Pg. 1/3 JPL



Pl. 2/3 JPL

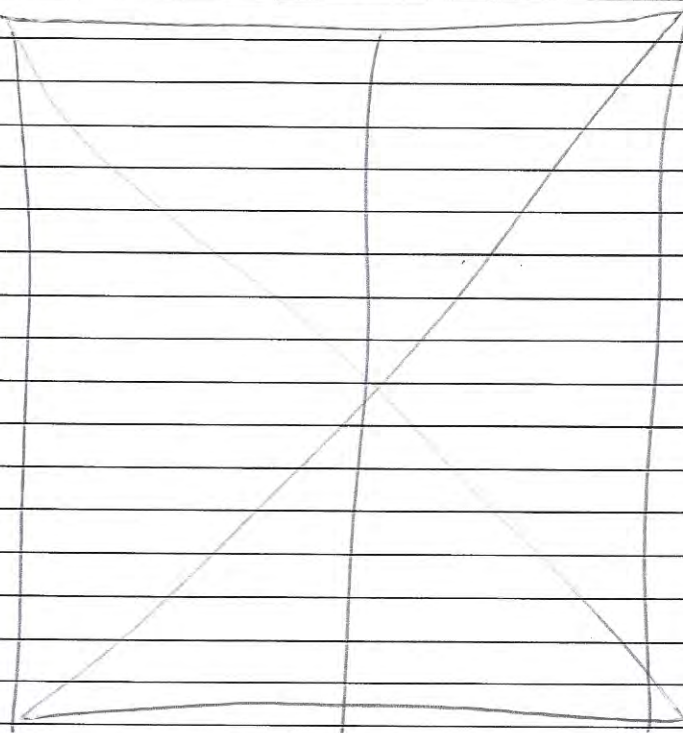


PLAN - 111 FOOT LEVEL

Class 1 & 3

## Bench Counter Worksheet

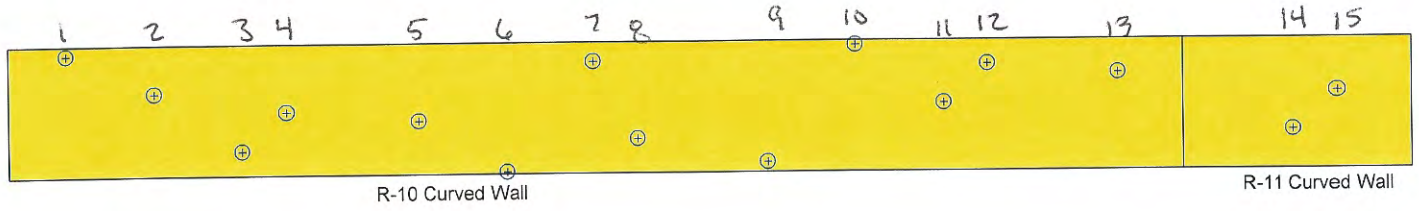
Client Name:	PANF	Instrument Make:	Ludlum
Client Address:	111 E-1-1 CSS	Instrument Model:	2929
		Instrument S/N:	121 877
		Calibration Date:	4/28/2020
		Calibration Due Date:	4/28/2021
Phone Number:		Analysis Number:	

DATA FOR 1 -MINUTE COUNTS			
Sample	Description	Alpha	Beta
Background	Background Count #1	0	65
Background	Background Count #2	0	62
1		0	53
2		2	65
3		1	58
4		0	65
5		0	50
6		1	51
7		0	63
8		0	48
9		0	59
10		2	66
11		0	50
12		0	64
13		0	45
14		0	43
15		1	55
16		0	58
17		0	36
Additional Comment:			
Analyzed by/date: (name/date)		C. Roberts 6/8/2020	





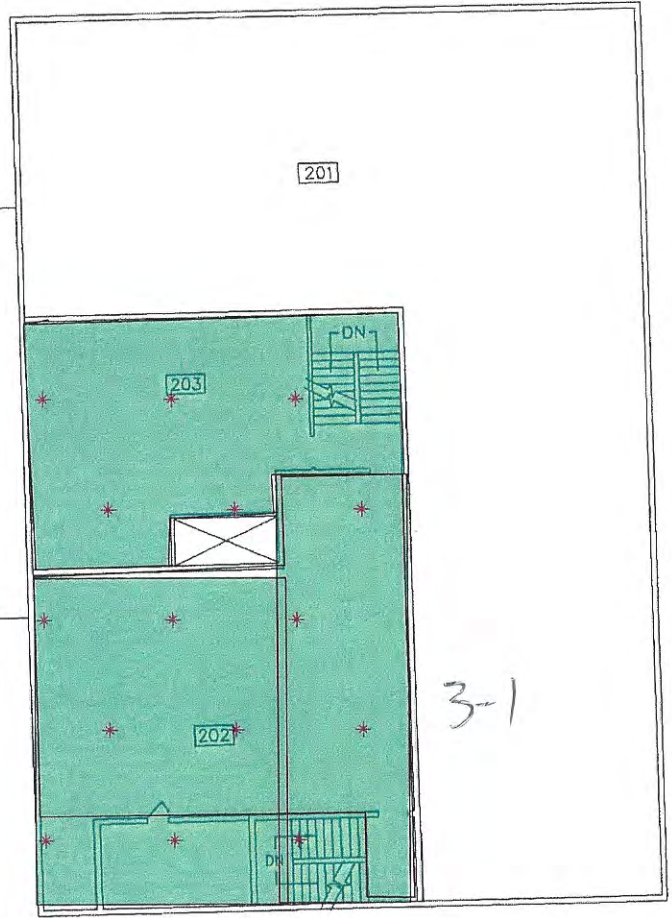
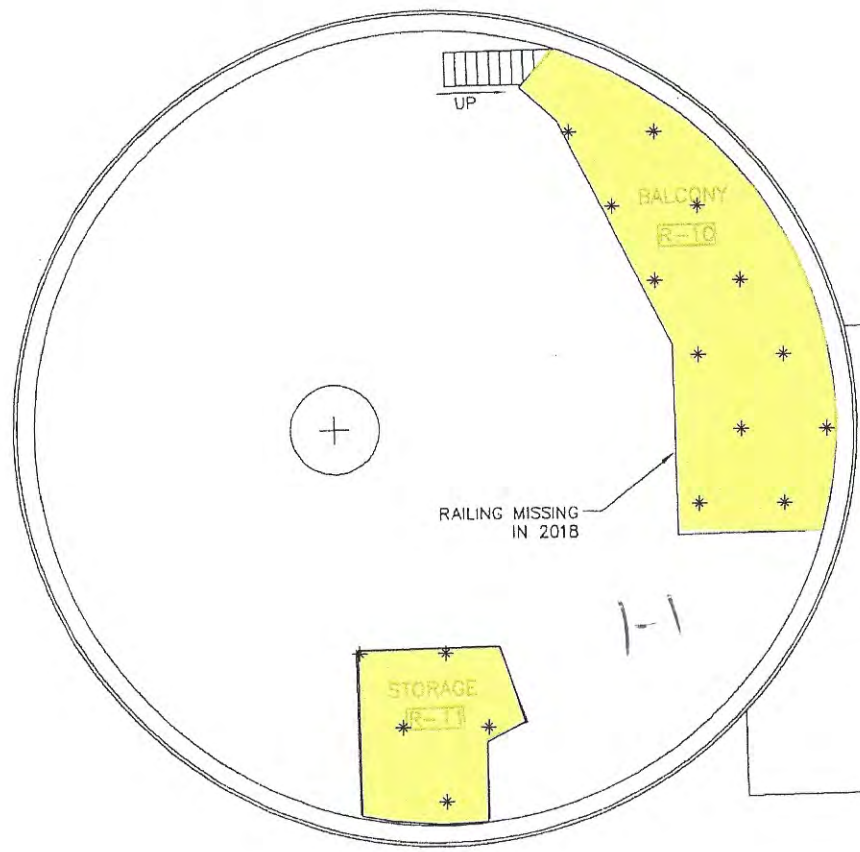
Pg. 214 JML



III level (class) walls



Pl. 3/4 Jan

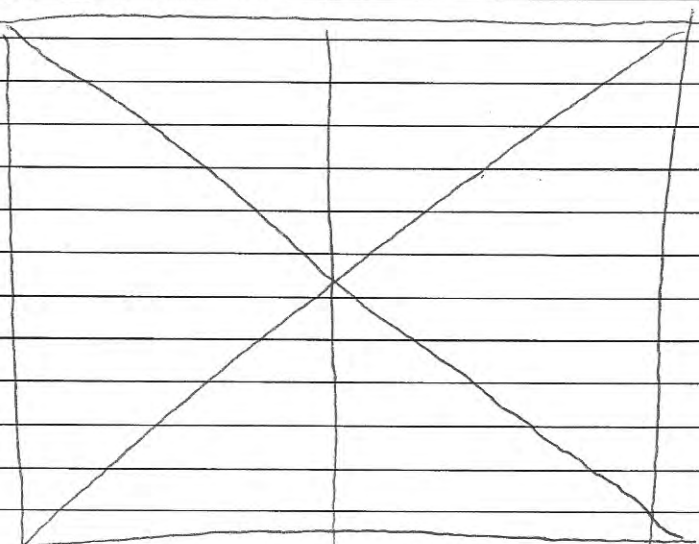


PLAN - 111 FOOT LEVEL

Class 1 & 3

## Bench Counter Worksheet

Client Name:	PNPF	Instrument Make:	Ludlum
Client Address:	111 W-1-1 CSS	Instrument Model:	2929
		Instrument S/N:	118411
		Calibration Date:	4/22/2020
		Calibration Due Date:	4/22/2021
Phone Number:		Analysis Number:	

DATA FOR 1 -MINUTE COUNTS			
Sample	Description	Alpha	Beta
Background	Background Count #1	1	43
Background	Background Count #2	0	45
1	See attached map 	1	40
2		0	34
3		0	41
4		0	38
5		0	47
6		1	44
7		1	42
8		1	48
9		0	42
10		0	44
11		1	52
12		0	48
13		2	44
14		0	42
15		0	57
Additional Comment:			
Analyzed by/date: (name/date)		[Signature] 6/8/2020	