IWI INNOVATIVE WEAPONRY INC.

P•T. NIGHT SIGHT
Mowry Custom Handguns
Specialty Shotgun Systems

November 4, 1991

Nuclear Regulatory Commission
Washington, D.C. 20555

ATTN Susan Greene and John Lubinski
Commercial Section
Medical, Academic, and Commercial
Use Safety Branch
Division of Industrial and
Medical Nuclear Safety, NMSS

Dear Ms Greene And Mr Lubinski,

As per my conversion with Mr John Lubinski I am requesting the following changes be made to our letter & application for amendment, dated October 24, 1991.

Request #(1)- that in reply -#1(A) the words "and special classified military arms" be stricken from the response.

Request #(2)- that the last part of reply #4 now reads: on permanently fixed sights, either the sights (If Possible) or the frame of the weapon, as close as possible without interference to the sight area, will be stamped. The stamping will be visible on an exposed area.

9208050296 911209
PDR FOIA
BIM7N91-520 PDR

A/13

337 Tubank NE • Albuquerque, N.M. 87123
Toll-Free 1-800-334-3573 • (505) 296-4645 • FAX (505) 271-2633

Request#(3)- The acceptance of the revised QA/QC Manual (enclosed). The wording in section 4 part 3,5,6, and 10 ha[illegible] been revised with more descriptive requirements.

Also enclosed is our description of permanently fixed sights, and a list of weapons which fall into this category. Drawings of the sights I.W.I. manufactures and /or distributes are also enclosed. If you have any questions, please call me at (505) 296-4645. Thank you for your prompt response.

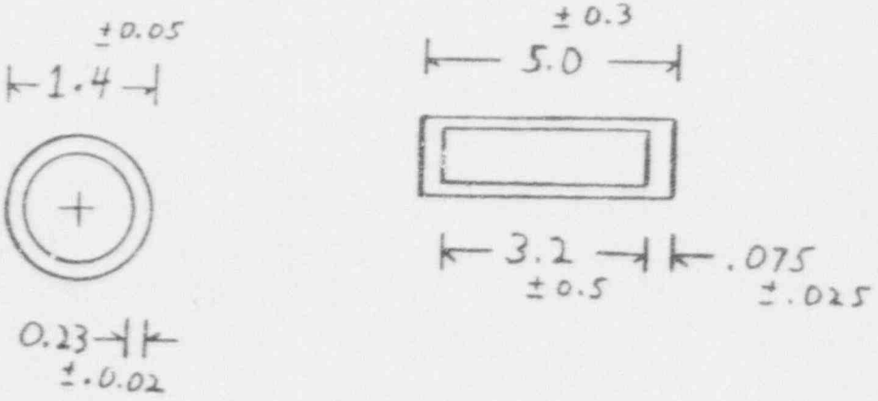
Sincerely,

Barry Mowry

Barry Mowry-President

These attached drawing (BLS 251, BLS 252)
replace Saunders- Roe Beta Light Drawings.

[DRAWING NOT TO SCALE]



PART NO.- 252050G0150A
COLOR - GREEN
TRITIUM CONTENT - .009ci
FILLING PRESSURE - 25P
BRIGHTNESS - 150uL

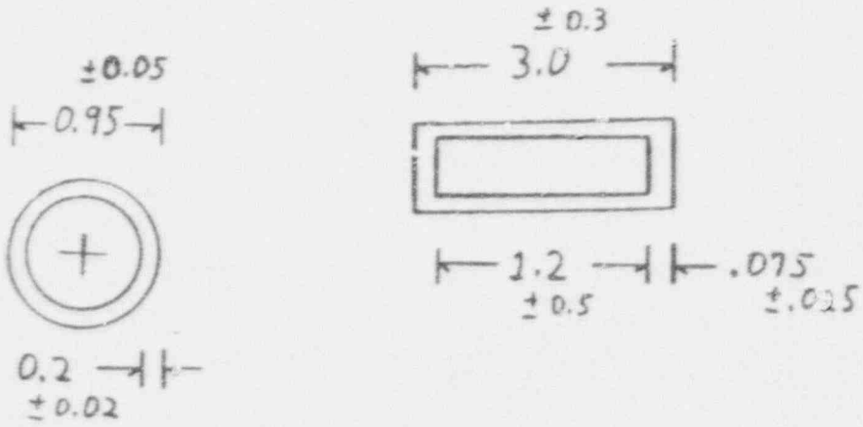
PART NO.- 252050G0200A
COLOR - GREEN
TRITIUM CONTENT - .012ci
FILLING PRESSURE - 50P
BRIGHTNESS - 200uL

PART NO:- 252050Y0150A
COLOR - YELLOW
TRITIUM CONTENT - .010ci
FILLING PRESSURE - 32P
BRIGHTNESS - 150uL

PART NO.- 252050T0100A
COLOR - ORANGE
TRITIUM CONTENT - .009ci
FILLING PRESSURE - 50P
BRIGHTNESS - 100uL

DRAWING NO: BLS252	BETALIGHT	MANUFACTURED BY: SAUNDERS-ROE DEVELOPMENTS, LTD.
PROPERTY OF: INNOVATIVE WEAPONRY, INC. 337 FUBANK N.E. ALBUQUERQUE, N.M. 87123 USA	DIMENSIONS AND TOLERANCES IN: MILLIMETERS (MM)	FOR: P-T NIGHT SIGHT

[DRAWING NOT TO SCALE]

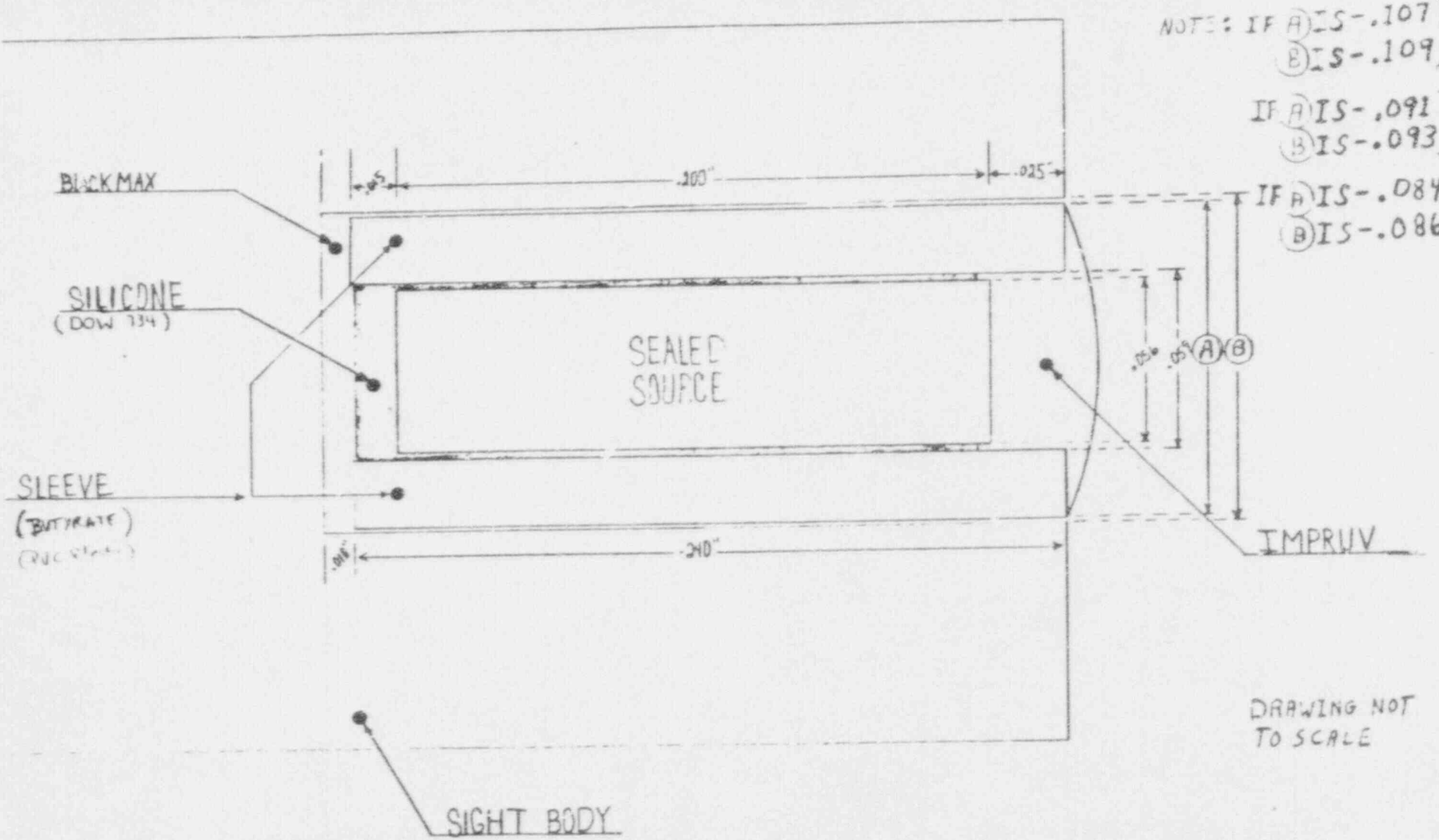


PART NO.- 251030Y0040A
COLOR - YELLOW
TRITIUM CONTENT - .002 Ci
FILLING PRESSURE - 50P
BRIGHTNESS - 40uL

PART NO.- 251030G0100A
COLOR - GREEN
TRITIUM CONTENT - .007 Ci
FILLING PRESSURE - 50P
BRIGHTNESS - 100 uL

DRAWING NO: BLS251	BETALIGHT	MANUFACTURED BY: SAUNDERS-ROE DEVELOPMENTS, LTD.
PROPERTY OF: INNOVATIVE WEAPONRY, INC. 337 EUBANK NE. ALBUQUERQUE, N.M. 87123 USA	DIMENSIONS AND TOLERANCES IN: MILLIMETERS (MM)	FOR: P-T NIGHT SIGHT

These attached drawing (#SIC123)
Has been revised. Please replace this in your
drawing file.



DRAWING NO: SIC123	SEALED SOURCE INSERT	SEALED SOURCE MANUFACTURER: SAUNDERS-ROE DEVELOPMENTS, LIMITED
PROPERTY OF: INNOVATIVE WEAPONRY, INC. 337 EUBANK N.E. ALBUQUERQUE, N.M. 87123 USA	TOLERANCES: ALL ± .0005 MINIMUM STEEL WALL THICKNESS: .018±	FOR: 'DOT' NIGHT SIGHT

Permanent, Fixed, Non-detachable Sights designated as original Equipment: A Description and criteria as follows:

(A) A sight manufactured as part of the barrel and or frame of the weapon. An integral part constituting an essential of a whole necessary to completeness.

(B) Sights which are attached to weapon by ways of: Fixed dovetails, stake-on keyways notched with one or more roll pins cross locking the sights to the weapon. Attachments of this nature can only be removed by the means of competent and professional gunsmithing procedures, techniques and specialized removal implements and equipment.

(C) Sights which are attached with rivets.

(D) Sights which are attached by means of a threaded locking device, which may only be removed by a sequential process of technique and expertise.

Note: Criteria of permanent sights **does not** included those which could removed by a simple means, done, made or used by the hand.

Weapons incorporating permanent, fixed, or non-detachable sights as included in their description:

Weapon, manufacturer & model designation number to follow:

Smith & Wesson Fixed and adjustable sighted revolvers:
Model No: [J Frame] 31, 34, 36, 37, 38, 40, 42, 49, 60, 63, 640, 642, 649 [K Frame] 10, 13, 15, 17, 19, 64, 65, 66 [L Frame] 581, 681, 586, 686, [N Frame] 25, 27, 29, 57, 629, 681, 657.
Smith & Wesson Semi-Automatic pistols:
Model No: 39, 41, 59, 422, 459, 439, 469, 645.

Colt Fixed and adjustable sighted revolvers:
Model Name: Python, King Cobra, Anaconda, Trooper, Peacemaker, Agent, Detective Special, Cobra, Lawman.

Charter Arms Fixed and adjustable sighted revolvers:
Model Name: Bulldog Tracker, Pathfinder, Bulldog, Bulldog Pug, Police Bulldog, Off-Duty, Undercover.

Taurus Fixed and adjustable sighted revolvers:
Model No: 65, 66, 73, 76, 80, 82, 83, 85, 85CH, 86, 94, 96, 669, 689.
Taurus Semi-Automatic Pistols:
Model No: PT22, PT25, PT58, PT92, PT92C, PT99, PT100.

Ruger Fixed and adjustable sighted revolvers:

Model Name: Blackhawk, Redhawk, Super Blackhawk, Super Redhawk, Super Single Six, Security Six, GP-100, SP-101,

Ruger Semi-Automatic Pistols:

Model No: P-89, P-90.

Beretta Semi-Automatic fixed sighted pistols:

Model No: 84, 85, 86, 87, 92F, 92FC.

Walther Fixed Semi-Automatic sighted pistols:

Model No: PP, P5, PPK, PPK/S, TPH, P-38, P-88.

Remington Shotgun Rifle Sights:

Model No: 870RS, 100RS.

Benelli Shotgun Sights:

Model No: Super 90, 121.

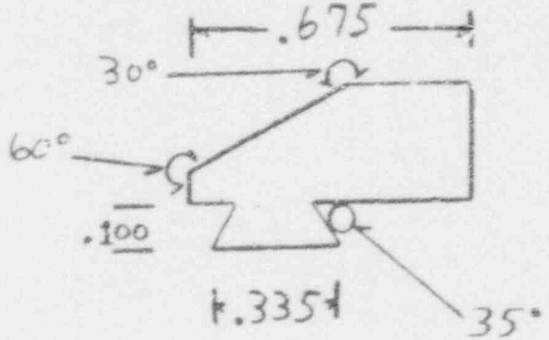
Heckler & Koch Rifle:

Model No: 91, 93, MP-5, SP-89.

Colt Rifle:

Model No: AR-15, M16.

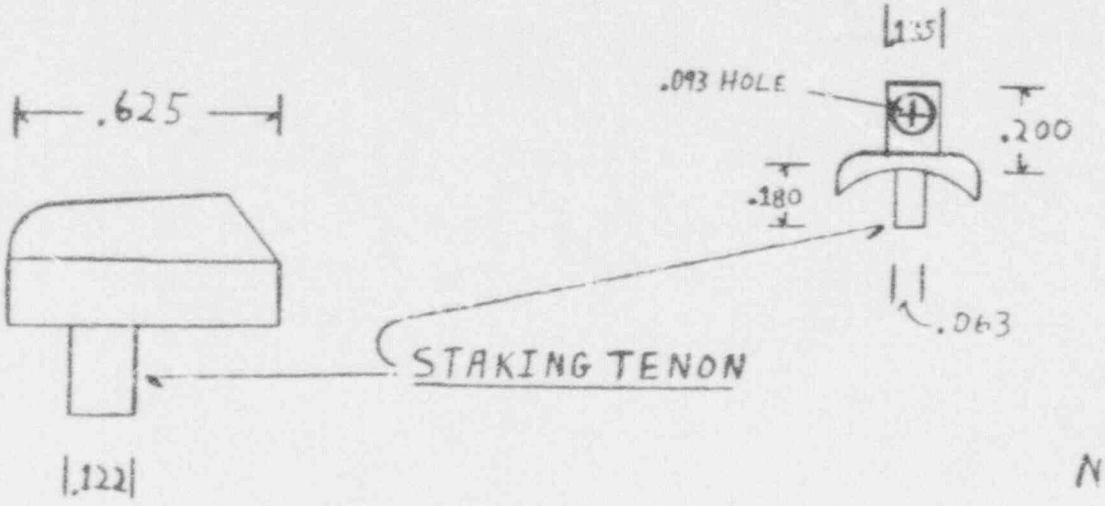
[DRAWING NOT TO SCALE]



NOTE: FOR ALL OTHER TOLERANCES, DIMENSIONS, AND SPECIFICATIONS, REFER TO DRAWING NO.- -HRS001 + HRS002

DRAWING NO: CGR030	REAR SIGHT	MATERIAL: 4130 STEEL
PROPERTY OF: INNOVATIVE WEAPONRY, INC. 337 EUBANK N.E. ALBUQUERQUE, N.M. 87123 USA	FINISH: - BEAD BLAST SURFACE - BLACK OXIDE	FOR: COLT PISTOL MODELS - GOV'T. 1911-A1, COMMANDER, OFFICER MODEL

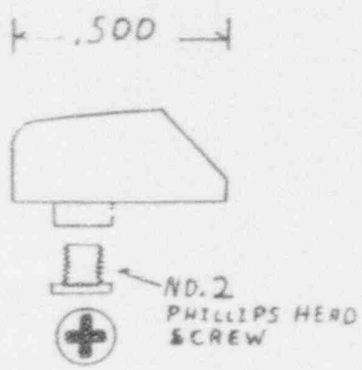
[DRAWING NOT TO SCALE]

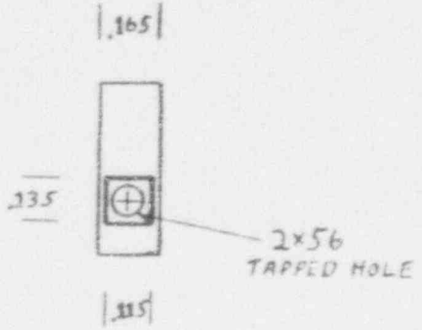


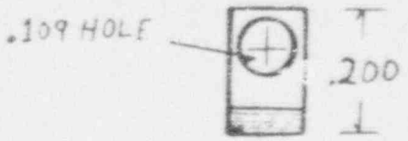
NOTE: FOR ALL OTHER TOLERANCES, DIMENSIONS, AND SPECIFICATIONS, REFER TO DRAWING NO. - HFS100

DRAWING NO: CGF003	FRONT SIGHT	MATERIAL: 4130 STEEL
PROPERTY OF: INNOVATIVE WEAPONRY, INC. 337 EUBANK NE. ALBUQUERQUE, N.M. 87123 U.S.A.	FINISH: - BEADBLAST SURFACE - BLACK OXIDE	FOR: COLT PISTOL MODELS - GOV'T. 1911-A1, COMMANDER, OFFICER MODEL

[DRAWING NOT TO SCALE]



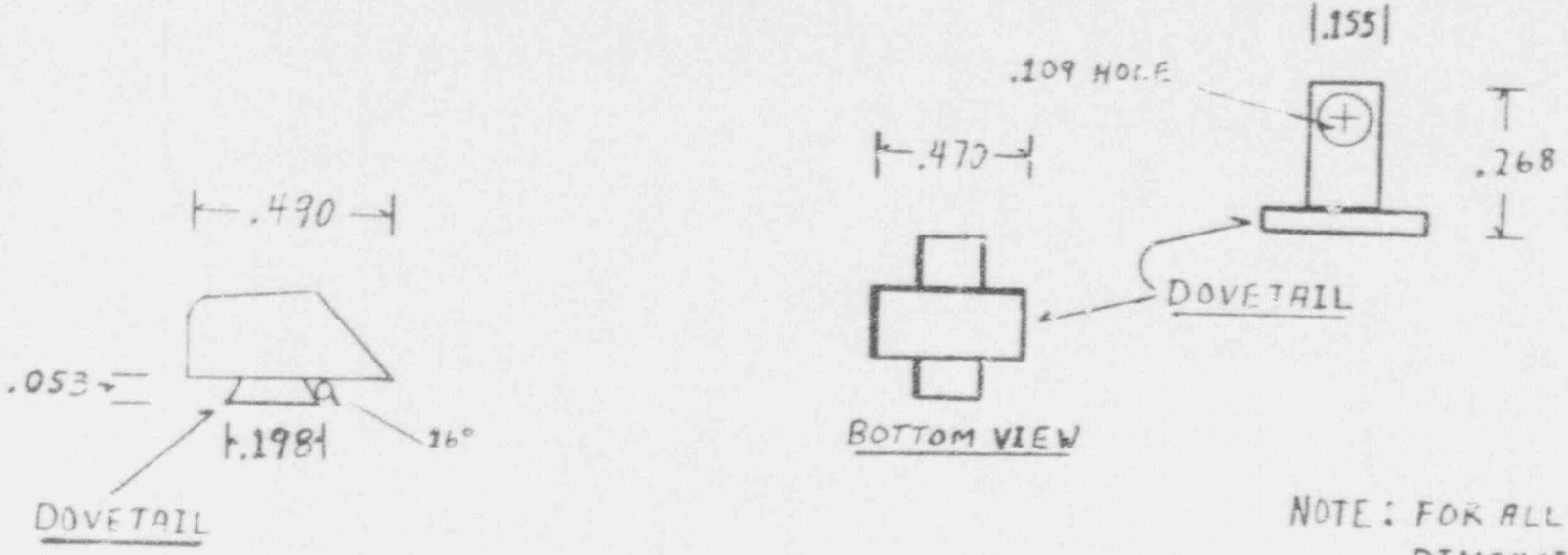




NOTE: FOR ALL OTHER TOLERANCES, DIMENSIONS, AND SPECIFICATIONS, REFER TO DRAWING NO.- HFS100

DRAWING NO: GKF001	FRONT SIGHT	MATERIAL: 4130 STEEL
PROPERTY OF: INNOVATIVE WEAPONRY, INC. 337 EUBANK NE ALBUQUERQUE, N.M 87123 USA	FINISH: -BEADBLAST SURFACE -BLACK OXIDE	FOR: GLOCK PISTOL MODELS-17, 19, 20, 21, 22, 23

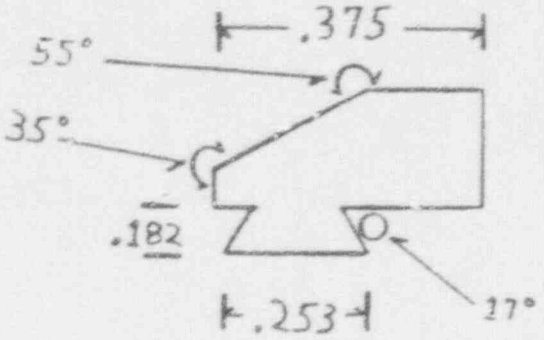
[DRAWING NOT TO SCALE]



NOTE: FOR ALL OTHER TOLERANCES, DIMENSIONS, AND SPECIFICATIONS REFER TO DRAWING NO.- HFS100

DRAWING NO: SSF002	FRONT SIGHT	MATERIAL: 4130 STEEL
PROPERTY OF: INNOVATIVE WEAPONRY, INC. 337 EUBANK N.E. ALBUQUERQUE, N.M. 87123 USA	FINISH: - BEAD BLAST SURFACE - BLACK OXIDE	FOR: SIG-SAUER PISTOL MODELS - P220, P226, P228, P229

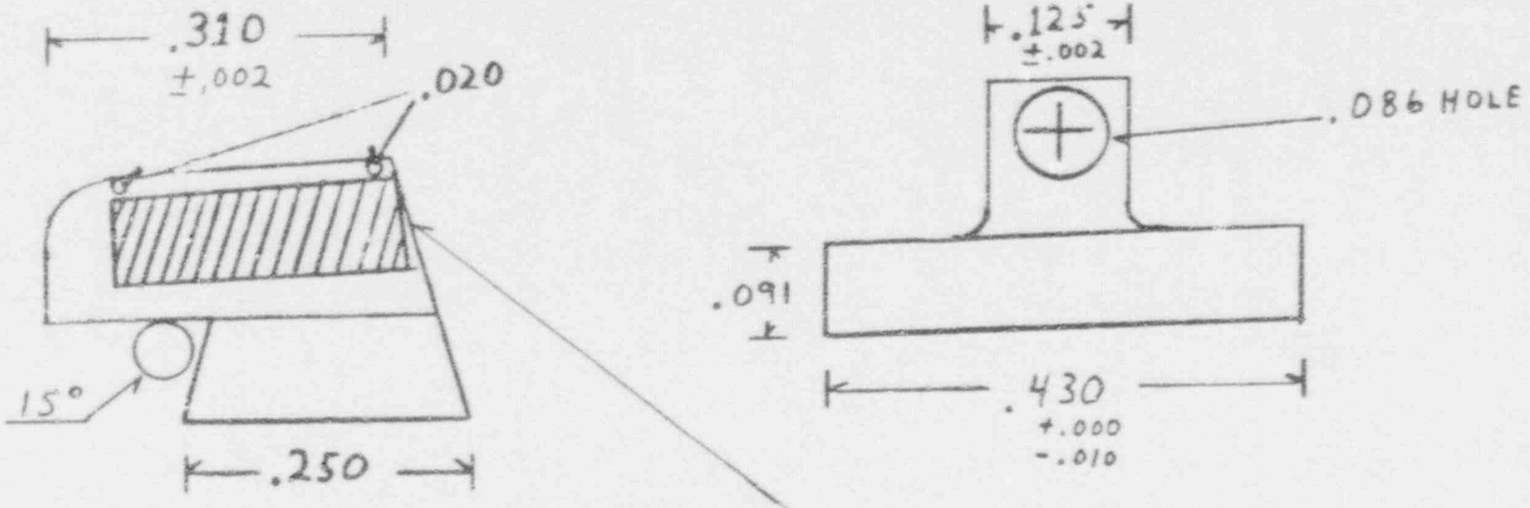
[DRAWING NOT TO SCALE]



NOTE: FOR ALL OTHER TOLERANCES, DIMENSIONS, AND SPECIFICATIONS, REFER TO DRAWING NO.- -HRS001 + HRS002

DRAWING NO: SSR020	REAR SIGHT	MATERIAL: 4130 STEEL
PROPERTY OF: INNOVATIVE WEAPONRY, INC. 337 EUBANK N.E. ALBUQUERQUE, N.M. 87123 USA	FINISH: BEAD BLAST SURFACE - BLACK OXIDE	FOR: SIG-SAUER PISTOL MODELS - P220, P226, P228, P229

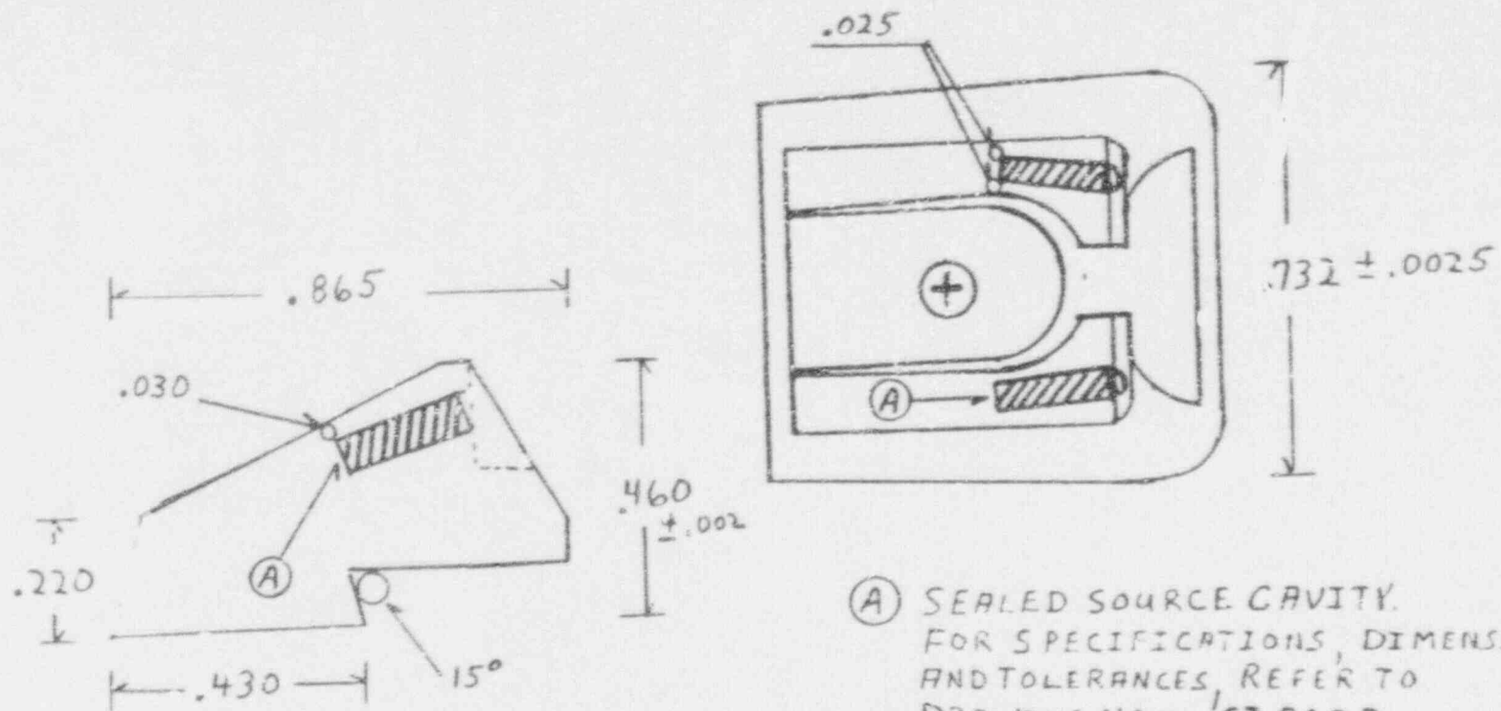
[DRAWING NOT TO SCALE]



NOTE: SEALED SOURCE.
FOR DIMENSIONS, SPECIFICATIONS, AND TOLERANCES, REFER TO DRAWING NO. - SIC123

DRAWING NO: SWF004	FRONT SIGHT	MATERIAL: STEEL (CAST - HEAT TREATED)
PROPERTY OF: INNOVATIVE WEAPONRY, INC. 337 EUBANK N.E. ALBUQUERQUE, N.M. 87123 USA	SIGHT MANUFACTURED BY: SMITH AND WESSON FACTORY TOLERANCE ALL ± .001 UNLESS OTHERWISE STATED	FOR: SMITH AND WESSON PISTOL MODELS - 3904, 3905, 3906, 5904, 5905, 5906, 6904, 6906, 4006, 4526, 4046, 4013, 4014, 4053, 4054, 1006, 1014, 1026, 1046, 1066, 1076, 1086, 4506, 4516, 4526, 4546, 4566, 4516, 4586, 3913, 3914, 6924

[DRAWING NOT TO SCALE]



(A) SEALED SOURCE CAVITY.
FOR SPECIFICATIONS, DIMENSIONS, AND TOLERANCES, REFER TO DRAWING NO.- SIC123

DRAWING NO.- SWR040	REAR SIGHT	MATERIAL: STEEL (CAST - HEAT TREATED)
PROPERTY OF: INNOVATIVE WEAPONRY, INC. 337 EUBANK N.E. ALBUQUERQUE, N.M. 87123 USA	SIGHT MANUFACTURED BY: SMITH AND WESSON FACTORY TOLERANCE ALL ± .001 UNLESS OTHERWISE STATED	FOR: SMITH AND WESSON PISTOL MODELS - 3904, 3905, 3906, 5904, 5905, 5906, 6904, 6906, 4006, 4026, 4046, 4013, 4053, 4054, 4056, 1006, 1016, 1026, 1046, 1066, 1076, 1086, 4506, 4516, 4526, 4546, 4566, 4576, 3913, 3914, 6926

QUALITY ASSURANCE AND CONTROL

(QA/QC) DEPARTMENT MANUAL

P-T NIGHT SIGHT

Innovative Weaponry, Inc.

October 1991

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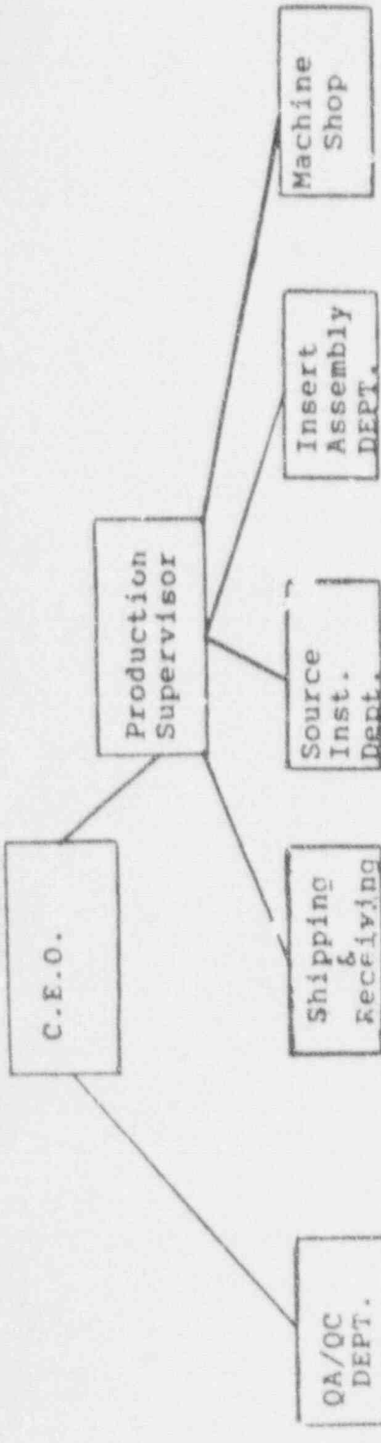
1. ORGANIZATION



1. All Equipment maintained to insure quality
2. All Tolerances must be met inproduction
3. All Drawing maintained for exact specifications
4. Proper records kept

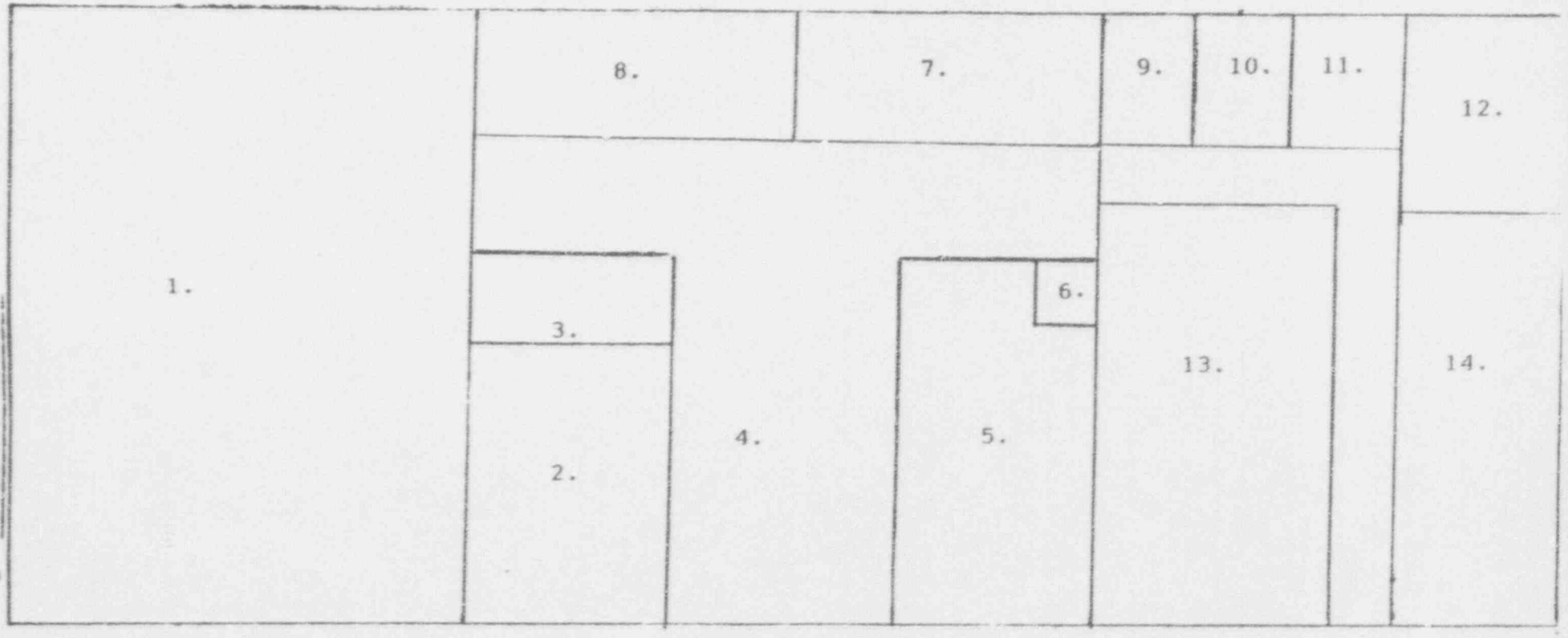
1. Visual Inspection of all product before assembly
2. All Insert assembled to exact specifications
3. Critical curing times strictly maintained
4. proper records kept

1.Visual inspection of all prouduct before assembly
2.All source and insert assembled to exact specification
3.Critical curing times strictly maintained
4.All product properly labeled
5.Proper records kept

1. All product must be properly packaged for storage handling, and shipping
2. Check for proper labeling
3. proper records kept

1. QA/QC personal must strictly follow the QA/QC procedure manual and enforce the policies there in.
2. QA/QC is responsible foe insuring that all departments maintain quality work to exact specifications.
3. QA/QC is responsible for insuring that all departments maintain proper records.
4. QA/QC shallnotify the production supervisor of all immediate situations which need attention or correction
5. QA/QC answer and reports directly to the C.E.O.

2. FACILITY LAYOUT



1. Office Complex
2. Shipping and Receiving
3. Shop Office
4. Machine Shop
5. Production Room
6. Radioactive Area
7. Inspection Area
8. Employee Room
9. Restroom
10. Restroom
11. Vaulted Storage Area
12. R. and D. Area
13. Shop
14. Shop

3. PERSONNEL REQUIREMENTS

A. Personnel shall have in their records all drawing, specifications, and descriptions of all products and installation procedures.

B. Personnel must be properly trained to carry out all inspections.

C. Proper records must be maintained on all inspections.

4. PROCEDURES

(1). Inspectors shall have all drawings, descriptions, and specifications along with all proper equipment to perform their duties.

(2). Inspectors shall have written procedures for all processes in manufacturing the product.

(3). Inspect all sealed sources when received from the manufacturer.

A. Verify the certification from the scintillation test from the manufacturer.

B. Check for activity brightness (visual Inspection). If any sources do not pass the visual inspection, they are to be separated and set aside for periodic inspection for any change. If any source does not pass inspection, it shall be returned to the manufacturer.

c. Check source for fractures and check seals. (Microscopic Visual Inspection)

D. After inspection, label with date, quantity, and QA/QC approval. Place in controlled area.

(4) All machine work, whether done in our shop or by a sublet vendor, shall be inspected for tolerances. The cavities for the source installation shall meet all tolerance specifications and surface quality.

(5) All sealed source inserts shall be inspected for proper sealant and lensing materials as per required specifications. the inserts shall also be inspected for proper dimensions as per requirement of drawing document.

(6) Inspection of sealed source installations shall be checked for adhesion tolerances and specifications,
As per requirement of drawing document.

(7) Quality control has the power to reject any and all product that does not meet specifications.

(8) Any product that is not visually correct shall be rejected.

(9) Quality control has the power to shut down the assembly line for any situation detrimental to QA/QC requirements.

(10) All product shall be final inspected visually for its proper identity and completeness before delivery to the shipping and receiving department.

(11) All inspection of any product shall be documented, passed or rejected, and reason of rejection.

(12) Records shall be kept of all product inspection reports.

(13) A complete inventory shall be kept of all product.