

Bid/Contract Nos. T1144107B1, T1144108B1, T1144109B1

ATTACHMENT "GG": CERTIFICATE OF SUBSTANTIAL COMPLETION

Date of Issuance: 6/16/2017 Notice to Proceed Date: 7/11/2016
Name of Contractor: Allied Contractors, Inc.
Contract No.: T1144107B1 Job Order No.: 16-016117-002
Job Order Title: Medical Examiner N. Building Roof Rep.
Job Order Address: 5301 SW 31st Ave, Ft Lauderdale, FL 33312
Project or Designated Portion Shall Include: Full Project

The Work performed under this Contract has been reviewed and found to be substantially complete and all documents required to be submitted by Contractor under the Contract Documents have been received and accepted. The Date of Substantial Completion of the Project/Job Order or portion thereof designated above is recommended as:

DEFINITION OF DATE OF SUBSTANTIAL COMPLETION

Substantial Completion: That date, as certified in writing by the Contract Administrator in its sole discretion, the Work, or a portion thereof, is at a level of completion in substantial compliance with the Contract Documents such that all conditions of permits and regulatory agencies have been satisfied and the Owner or its designee can enjoy use or occupancy and can use or operate it in all respects for its intended purpose. A Certificate of Occupancy (or a Temporary Certificate of Occupancy (TCO) or other alternate municipal/county authorization for limited or conditional occupancy acceptable to the Contract Administrator) must be issued for Substantial Completion to be achieved, however, the issuance of a Certificate of Occupancy or the date thereof are not to be determinative of the achievement or date of Substantial Completion.

(Continued)

Bid/Contract Nos. T1144107B1, T1144108B1, T1144109B1

ATTACHMENT "GG": CERTIFICATE OF SUBSTANTIAL COMPLETION (Continued)

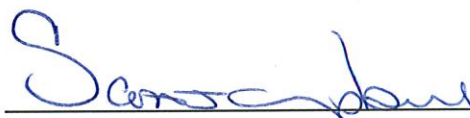
A list of items to be completed or corrected, prepared and approved by County is attached hereto. The failure to include any items on such list does not alter the responsibility of Contractor to complete all work in accordance with the Contract Documents.

Contractor will complete or correct the work on the list of items attached hereto within 38 calendar days from the above Date of Substantial Completion.

The County, through the Contract Administrator, has determined the Work or portion thereof designated by County is substantially complete and will assume full possession thereof at

10:00am on April 27, 2017.
(Time) (Date)

BROWARD COUNTY BOARD
OF COUNTY COMMISSIONERS


(By Contract Administrator)

6/21, 2017
(Date)

The responsibilities of County and Contractor for security, maintenance, heat, utilities, damage to the work and insurance shall be as follows (see attachment provided by Contractor):



Broward County Commission
Facilities Management Division
115 South Andrews Avenue, Room 501
Fort Lauderdale, FL 33301

Phone: (954) 357-5500
Fax: (954) 357-5544

Substantial Completion Inspection

Project No: 2062-11
Project Title: Roof Replacement
Facility Name: BROWARD COUNTY MEDICAL
EXAMINERS NORTH BUILDING
Contractor:

Inspection Date: April 27, 2017
☒ Full Project
☐ Designated Portion (Attach Description)

Representation:

Contractor: Allied Contractors, Inc, Willian Lucas
Consultant: A/R/C Associates, Inc., Randy Barton

Phone: 305-819-4599
407-896-7875

Using Agency:
Facilities Mgmt Div.: BC-FMD, Ian Harvey
Others:

954-357-6485

The attached pages 2 through 2 list "punch items" noted as a result of the Substantial Completion Inspection, completed by the persons listed above.

- ☒ The punch list items are of a nature that will allow beneficial occupancy of the premises and are issued as a final punch list. If any item on the preliminary punch list is inaccurate, notify the Facilities Management Division's Project Manager immediately. These punch list items shall be corrected on or before the mutually agreed date of: June 3, 2017.
- ☐ The punch list items are of a nature that preclude beneficial occupancy of the premises by the County and **Substantial Completion is denied at this time**. Items on the attached page 2 must be completed prior to requesting a re-inspection.

Remarks:

Recommended By:
(Consultant)

James W. Pugh
Signature

Title Vice President / Architect

(Firm Name) A/R/C Associates, Incorporated

Approved By:

[Signature]
Signature

Construction Project Manager
Title

Broward County Facilities Management Division

Accepted By:
(Consultant or Owner)

[Signature]
Signature

Director FMD
Title

(Firm Name)

Boca

Distribution

Contractor, Facilities Management Division Job File

Substantial Completion Inspection – Punch List

Project No: 2062-11
Project Title: Roof Replacement
Facility Name: BROWARD COUNTY MEDICAL
EXAMINERS NORTH BUILDING
Contractor: Allied Contractors, Inc.

Inspection Date: April 27, 2017
☒ Full Project
☐ Designated Portion (Attach Description)

☐ Preliminary Punch List ☒ Final (Edited) Punch List

No.	Room No.	Item	Notes
1		Membrane sticking out below the perimeter edge metal around the exterior of the building must be cut so that it cannot be viewed.	
2		Asphalt marks and stains where the ladder was located against the exterior walls need to be removed from the walls.	
3		Any asphalt found on the face of the perimeter edge must be removed.	
4		The opening of the stainless steel goosenecks for the lightning protection are to be filled with foam. Some of these openings have been in-filled; however, the foam has sagged and fallen loose. The expanding foam so that it stays in the opening and fully expands. This is to be done on the goosenecks that have loose and/or sagging foam as well as the ones that have no foam.	
5		Some of the hoods on top of the goosenecks still require additional fasteners.	
6		Two of the base plates have pulled loose from the surface of the protective pads of the lightning protection. All of the base plates need to be rechecked securing the lightning protection in place. Re-secure all that are loose.	
7		There are two AC units that have ponding water behind them. The worse is behind AC unit 5. It appears that the cricket was not installed per the contract detail. These need to be corrected per the contract detail.	
8		Some exhaust fan hoods require attachment with two fasteners minimum per side.	

Substantial Completion Inspection – Punch List

No.	Room No.	Item	Notes
9		Some curb extensions were not properly measured. The curb extensions were sized too large. The exhaust hood cannot fit over the curb extensions. The corners/flange of the exhaust hood have been split to fit over the top of the curb extensions. These need to be corrected.	
10		The AC units need to be mechanically secured to the existing curbs at various locations.	
11		The chemical exhaust fans are to be wire brushed, cleaned and prepped, Ospho applied, then primed and paint the fan housings with an epoxy paint per specific note 11 in the contract documents.	
12		Per the contract, metal counterflashing has been fabricated. The contractor has attempted to insert the metal counterflashing behind the flange of the existing chemical exhaust fans; however, at many of the locations, the contractor did not insert the skirt metal behind the housing of the chemical exhaust fans properly. Corrective action is required to properly insert the skirt metal behind the chemical exhaust fans.	
13		All of the skirt metal that has been installed on all of the AC equipment and rooftop equipment is required to have wind clips. None of the skirt metal has wind clips. This needs to be corrected.	
14		The height of the all equipment curbs must meet the minimum required height above the finished roof system which is a minimum of 10 inches. All locations that do not meet this requirement must be corrected. At some locations, the skirt has not been added due to the low height of the curbs.	
15		The fabricated curb extensions for the exhaust vent located on roof 1/A in the northwest corner has a hole in the side of the newly installed curb extension. Corrective action would be to remove the curb extension and install a newly fabrication one in its place.	
16		On AC units, the infill to the existing curbs was not done. This item is noted in the non-compliant items. Some units have exposed plywood showing under the AC units that were not flashed properly to cover the plywood. This should be sealed and protected against blowing rain or water migration.	

Substantial Completion Inspection – Punch List

No.	Room No.	Item	Notes
17		The contractor has installed fasteners on the flat of the metal on the power vent curb shown in detail 5.05. Per the contract, there are to be no fasteners secured to the flat portion of the metal hood. All fasteners are to be secured through the vertical side of the hoods. This needs to be corrected, holes and the screw fasteners on the flat of the metal need to be eliminated.	
18		The contractor is to paint the condensate piping to protect against ultraviolet light. They are to install two coats of grey or tan paint intended for use on PVC.	
19		Under the scope of work, water tests are to be done on all of the existing and new roof drains. They are to fill all the lateral and storm drain piping to the top of the roof so that water backs up onto the top of the roof. All joints and the roof drains are to be inspected.	
20		All of the existing roof drainage and all lateral storm piping shall also be routed out to ensure the drains flow and drain sufficiently.	
21		The contractor is still required to complete the batten insulation application underneath the roof drains. In addition, some of the underdeck clamps to some of the roof drains need to be installed.	
22		Under the contractor's scope of work, all rooftop penetrations are to have clearances between penetrations a minimum of 18 inches. At various locations, this requirement was not met and corrective action is required to relocate rooftop penetrations to be in compliance with the contract documents.	
23		Under the contractor's scope of work, walkway tread is to be installed around all AC equipment and all areas that will have other trade work being done on the roof for protection.	
24		When installing the electrical penetrations, the contractor penetrated through the curb and not through the curb extensions as required. At these locations, the contractor will need to install butyl around the electrical penetrations sealing the openings. This is to be done at all exhaust vents where new curb extensions has been installed.	

Substantial Completion Inspection – Punch List

[illegible]

Architecture
Roof Consulting
Construction Technology
AA C000932



601 North Fern Creek Avenue
Suite 100
Orlando, Florida 32803-4899
(407) 896-7875
FAX (407) 898-6043

Site Visit Report Substantial Report

Project:	Medical Examiner's Office Broward County Government	A/R/C Project No.	13019.00
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Contractor:	Allied Contractors, Inc.	Site Visit No.	22
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Date:	April 27, 2017	Time:	10:00 a.m.- 12:00 p.m.	Weather:	Clear, 88°
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Present Onsite:	Randy Barton, A/R/C Associates Ray Bauman Broward County FMD	Ian Harvey Broward County FMD Allied Superintendent
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Punch List Items

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3. Any asphalt found on the face of the perimeter edge must be removed.
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5. Some of the hoods on top of the goosenecks still require additional fasteners.
6. Two of the base plates have pulled loose from the surface of the protective pads of the lightning protection. All of the base plates need to be rechecked securing the lightning protection in place. Re-secure all that are loose.
7. There are two AC units that have ponding water behind them. The worse is behind AC unit 5. It appears that the cricket was not installed per the contract detail. These need to be corrected per the contract detail.
8. Some exhaust fan hoods require attachment with two fasteners minimum per side.
9. Some curb extensions were not properly measured. The curb extensions were sized too large. The exhaust hood cannot fit over the curb extensions. The corners/flange of the exhaust hood have been split to fit over the top of the curb extensions. These need to be corrected.

10. The AC units need to be mechanically secured to the existing curbs at various locations.
11. The chemical exhaust fans are to be wire brushed, cleaned and prepped, Ospho applied, then primed and paint the fan housings with an epoxy paint per specific note 11 in the contract documents.
12. Per the contract, metal counterflashing has been fabricated. The contractor has attempted to insert the metal counterflashing behind the flange of the existing chemical exhaust fans; however, at many of the locations, the contractor did not insert the skirt metal behind the housing of the chemical exhaust fans properly. Corrective action is required to properly insert the skirt metal behind the chemical exhaust fans.
13. All of the skirt metal that has been installed on all of the AC equipment and rooftop equipment is required to have wind clips. None of the skirt metal has wind clips. This needs to be corrected.
14. The height of the all equipment curbs must meet the minimum required height above the finished roof system which is a minimum of 10 inches. All locations that do not meet this requirement must be corrected. At some locations, the skirt has not been added due to the low height of the curbs.
15. The fabricated curb extensions for the exhaust vent located on roof 1/A in the northwest corner has a hole in the side of the newly installed curb extension. Corrective action would be to remove the curb extension and install a newly fabrication one in its place.
16. On AC units, the infill to the existing curbs was not done. This item is noted in the non-compliant items. Some units have exposed plywood showing under the AC units that were not flashed properly to cover the plywood. This should be sealed and protected against blowing rain or water migration.
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18. The contractor is to paint the condensate piping to protect against ultraviolet light. They are to install two coats of grey or tan paint intended for use on PVC.
19. Under the scope of work, water tests are to done on all of the existing and new roof drains. They are to fill all the lateral and storm drain piping to the top of the roof so that water backs up onto the top of the roof. All joints and the roof drains are to be inspected.
20. All of the existing roof drainage and all lateral storm piping shall also be routed out to ensure the drains flow and drain sufficiently.
21. The contractor is still required to complete the batten insulation application underneath the roof drains. In addition, some of the underdeck clamps to some of the roof drains need to be installed.
22. Under the contractor's scope of work, all rooftop penetrations are to have clearances between penetrations a minimum of 18 inches. At various locations, this requirement was not met and corrective action is required to relocate rooftop penetrations to be in compliance with the contract documents.

23. Under the contractor's scope of work, walkway tread is to be installed around all AC equipment and all areas that will have other trade work being done on the roof for protection.
24. When installing the electrical penetrations, the contractor penetrated through the curb and not through the curb extensions as required. At these locations, the contractor will need to install butyl around the electrical penetrations sealing the openings. This is to be done at all exhaust vents where new curb extensions has been installed.
25. New expansion joints have been installed by the contractor. Items that need correcting follow:
- a. The new expansion joints do not meet the minimum required height per contract specifications. Corrective action is to raise the height of the expansion joints to meet the minimum requirement at the high point of the roof. It appears that the expansion joint is currently approximately 5 inches above the high point of the roof. This does not meet the minimum required height.
 - b. The expansion joint stainless steel metal cap at the joints where they terminate to one another have not been fabricated or installed per the contract specifications or details. These are to be fabricated per 4.02 detail.
 - c. The metal caps at the ends of each of the expansion joints are not installed per contract detail.
 - d. The face of the continuous cleat has not been secured per contract specifications. The face of the cleat shall have mechanical attachment across the entire face of the cleat.
26. The roof wall transition for the perimeter edge metal has not been completed per contract specifications. The detail still requires the caulking receiver piece to be installed per detail 3.05.
27. The port-a-john needs to be removed from the project site.
28. Corrective action is required due to the water intrusion into the interior of the building.



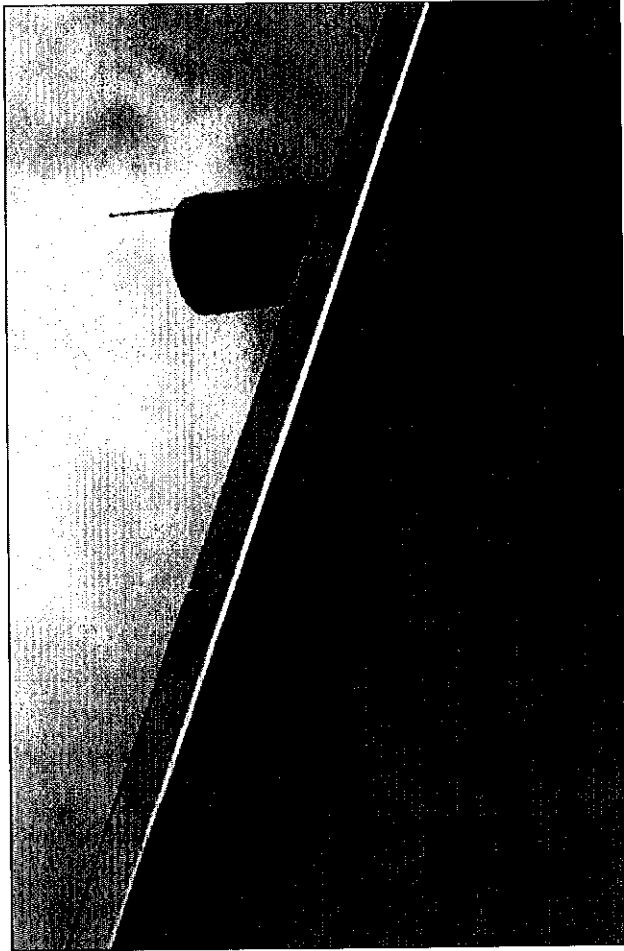
Prepared by: Randy Barton, RRO
Quality Assurance Manager

Attachment: Photos

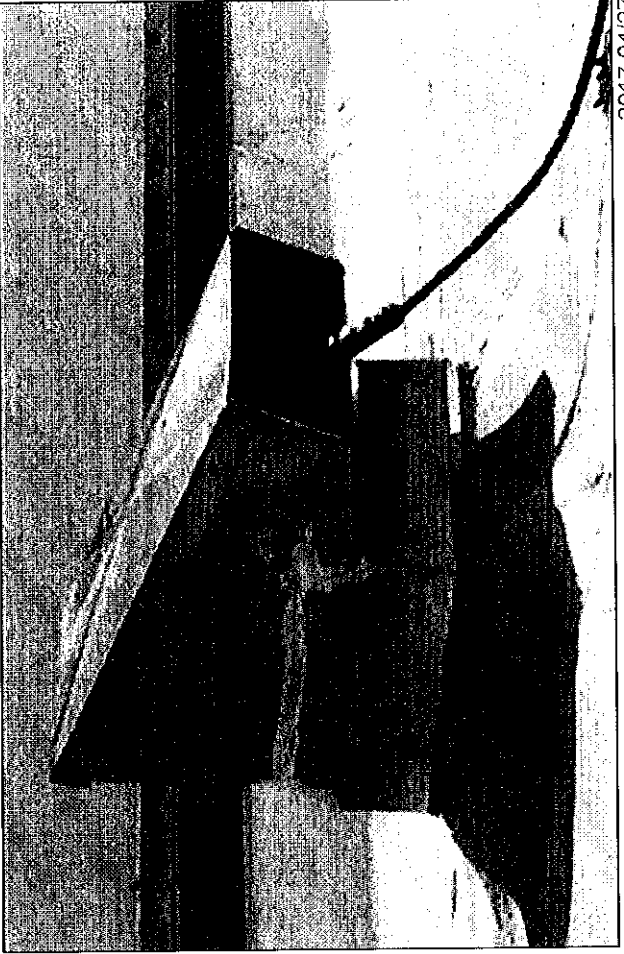
Distribution: Ian Harvey, Broward County
Ray Baumann, Broward County
Gus Esposito, Z Roofing
Christian Coscach, Allied Contractors
Brett Louy, Z Roofing

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brett@zroofing.com

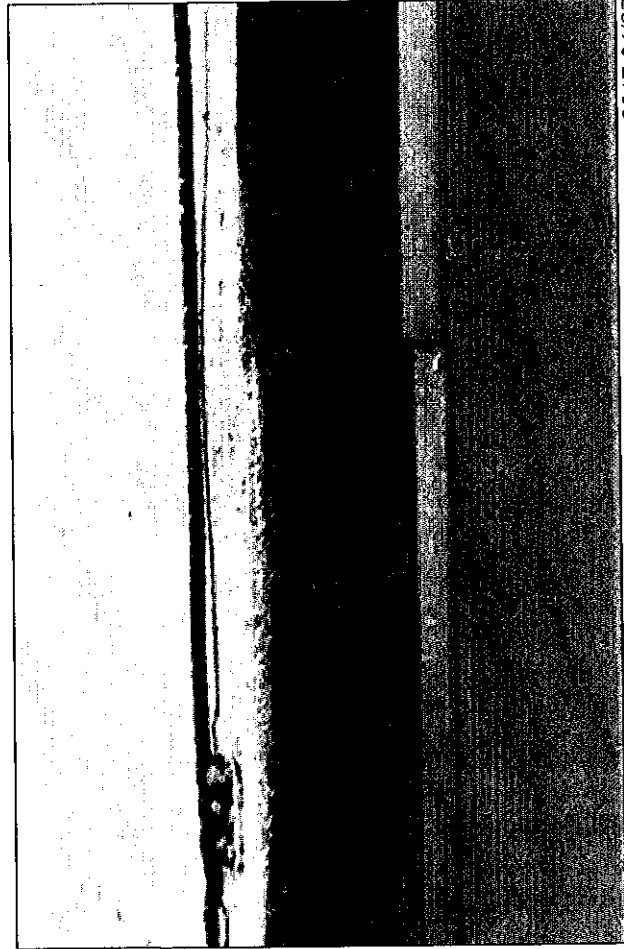
Broward County Medical Examiner's Office



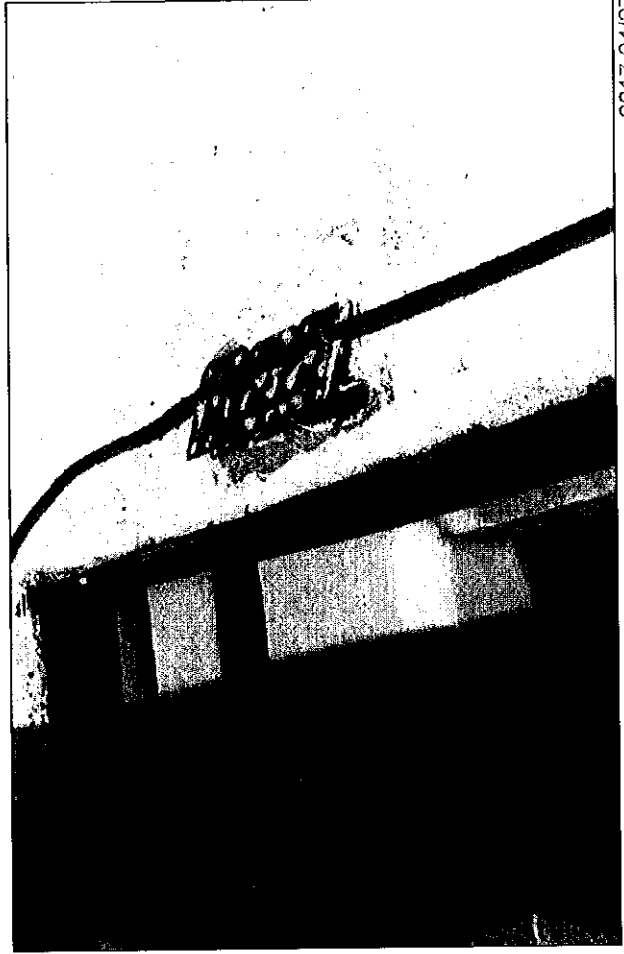
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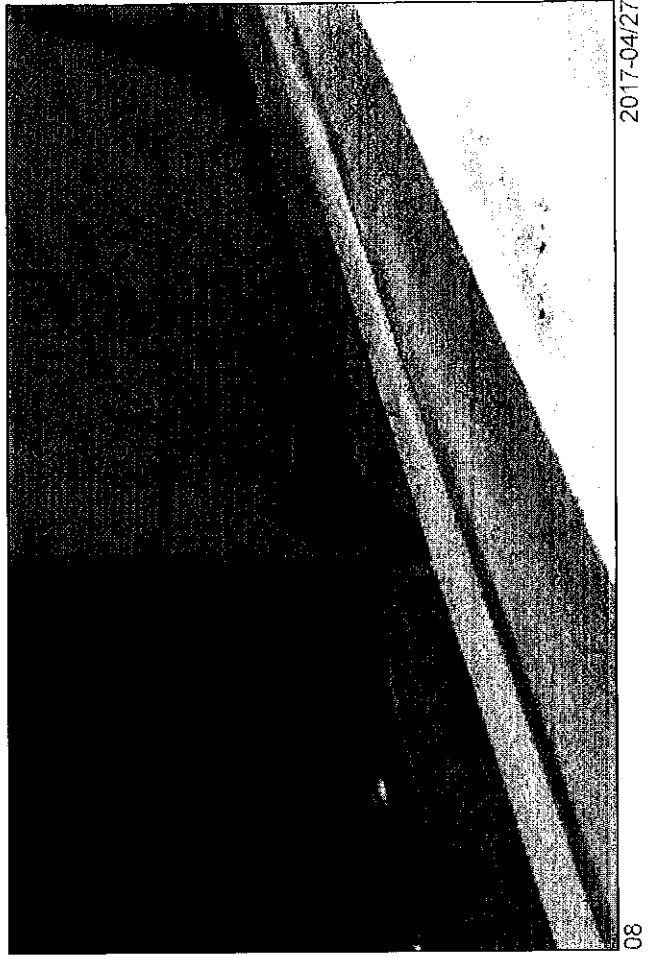
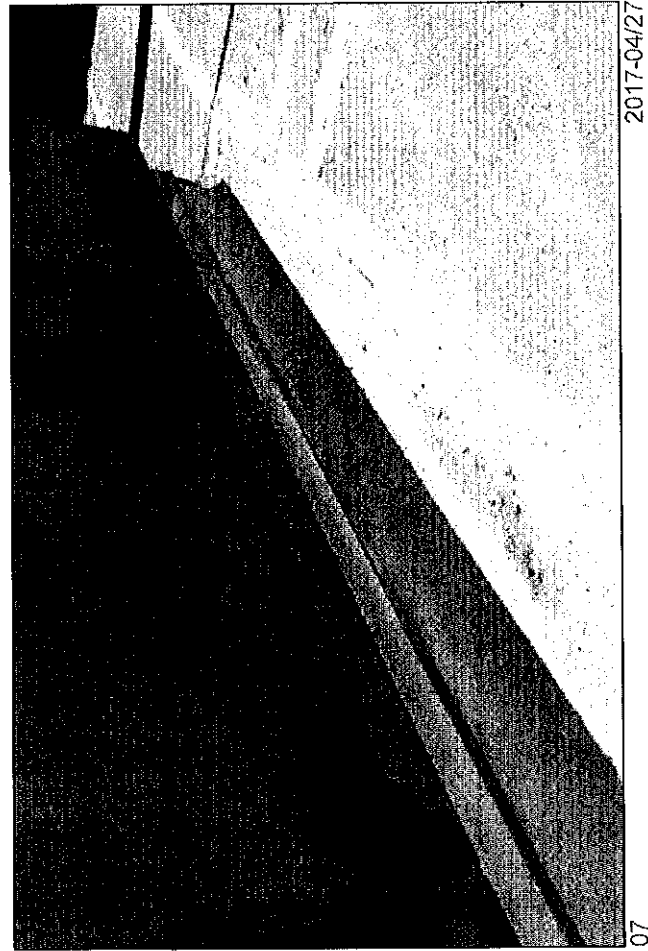
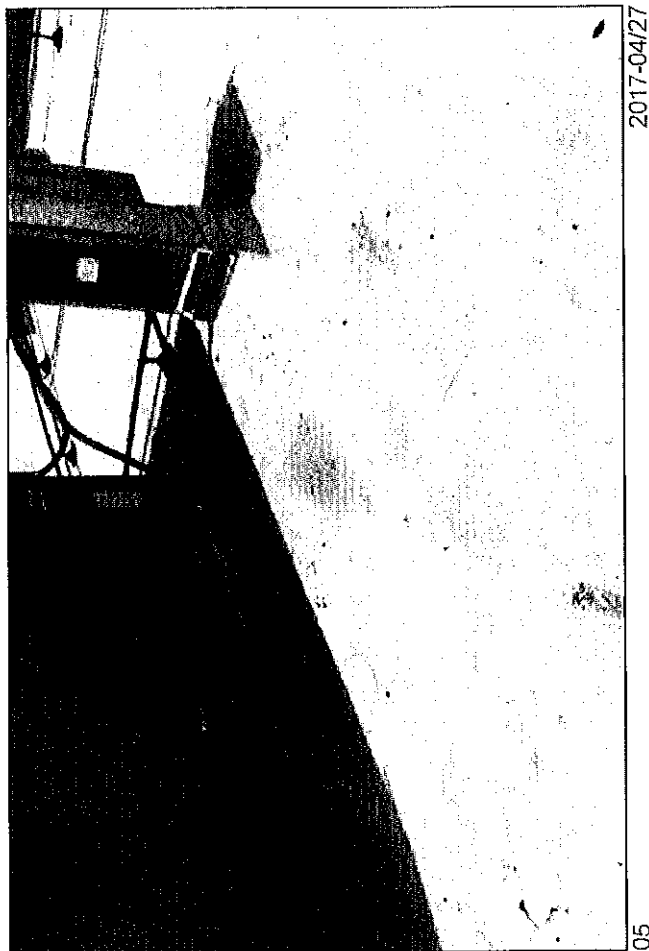
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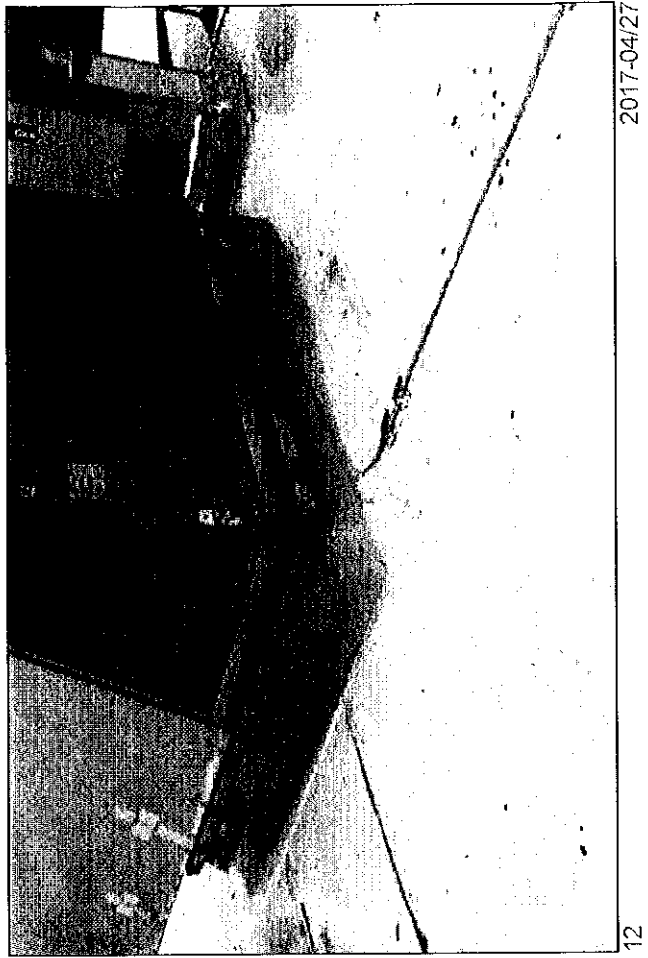
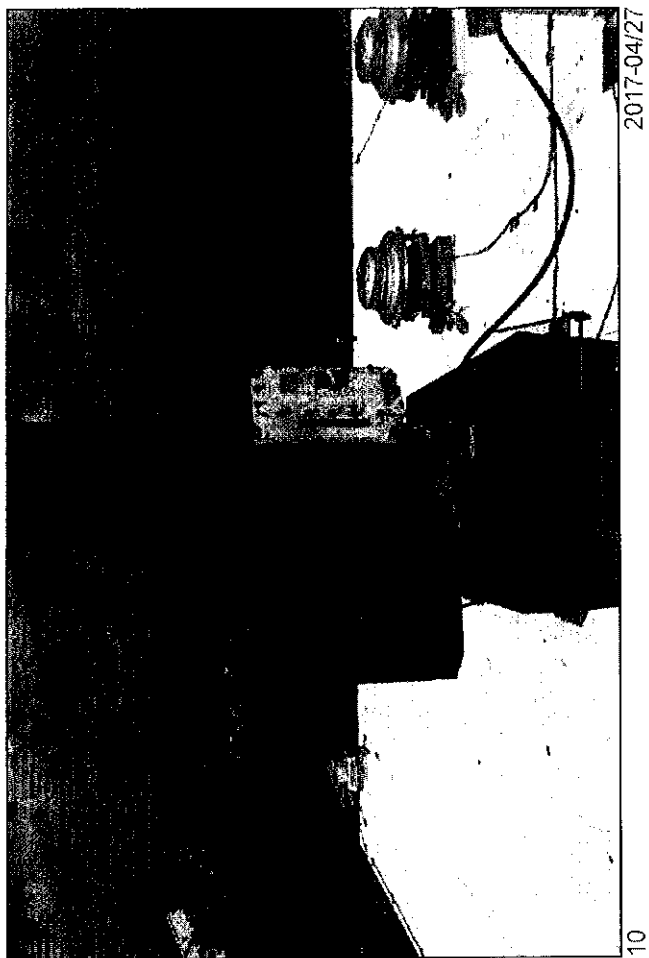
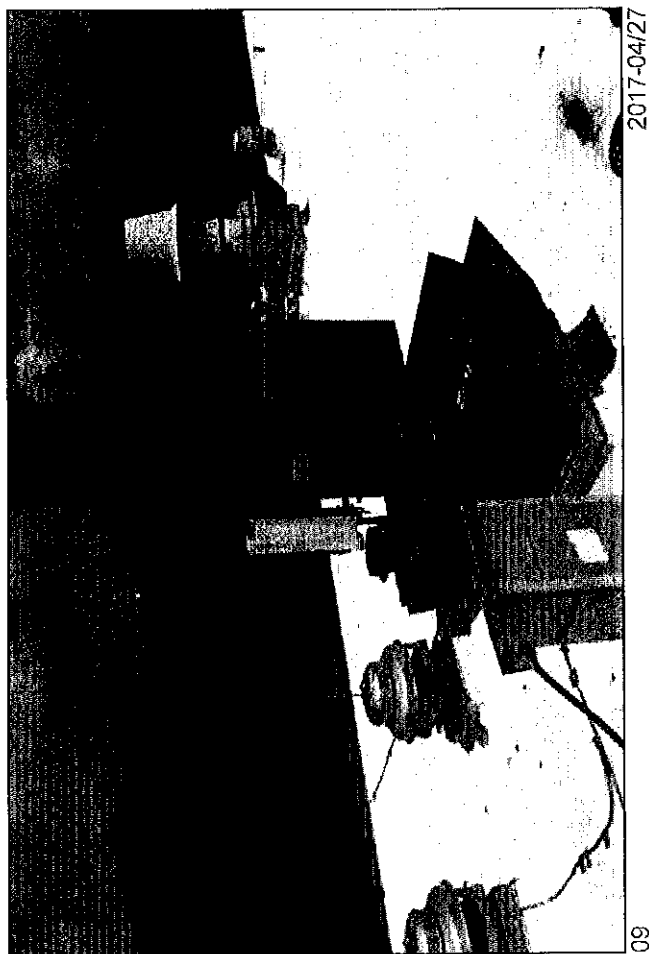
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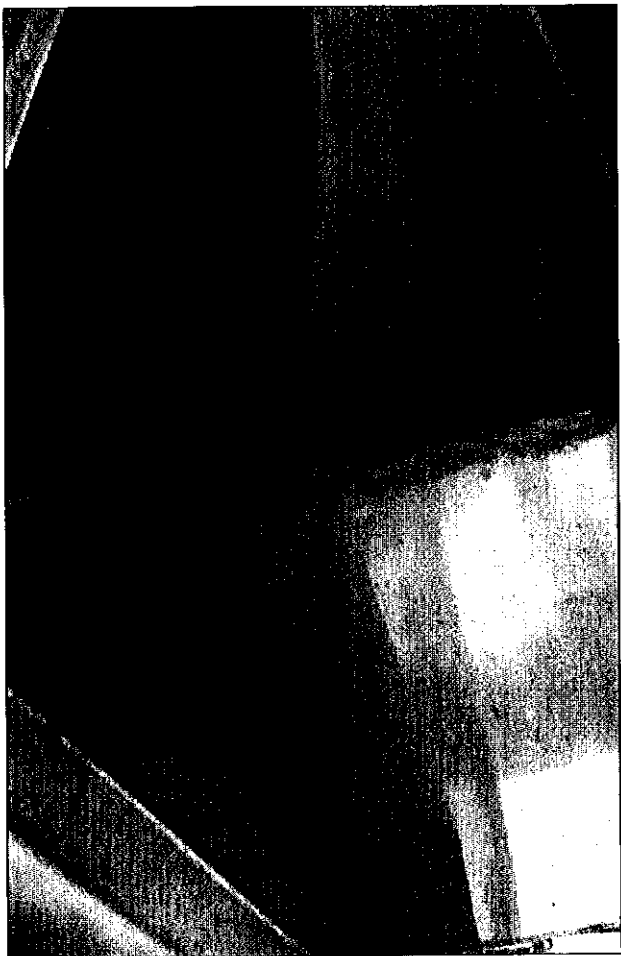


Broward County Medical Examiner's Office





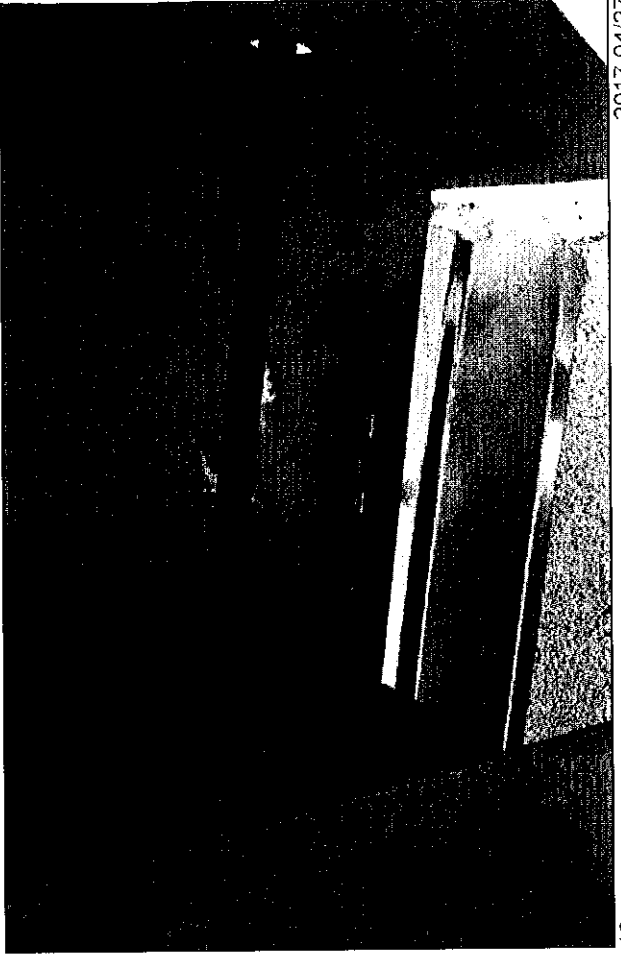
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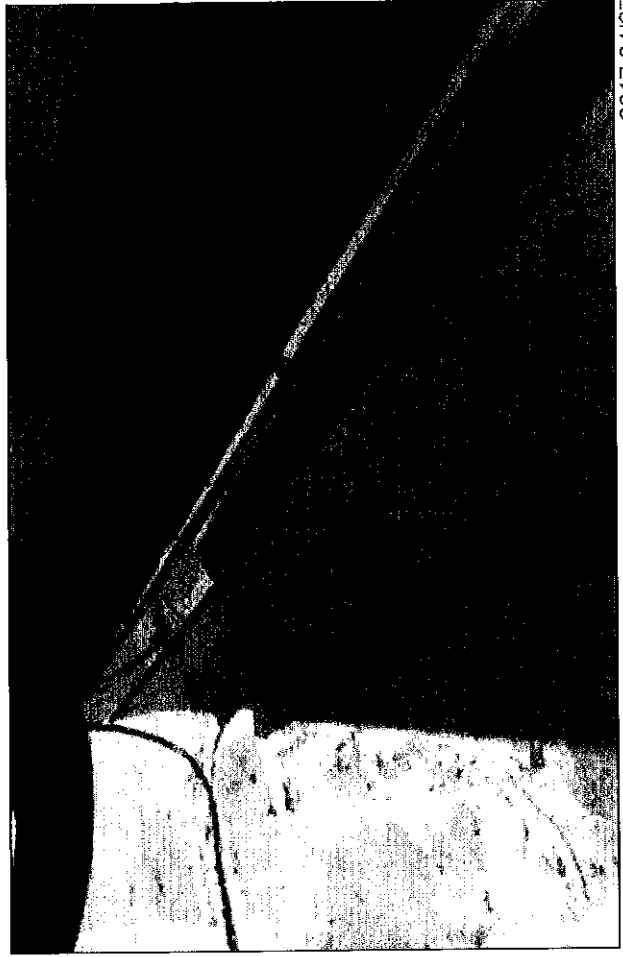
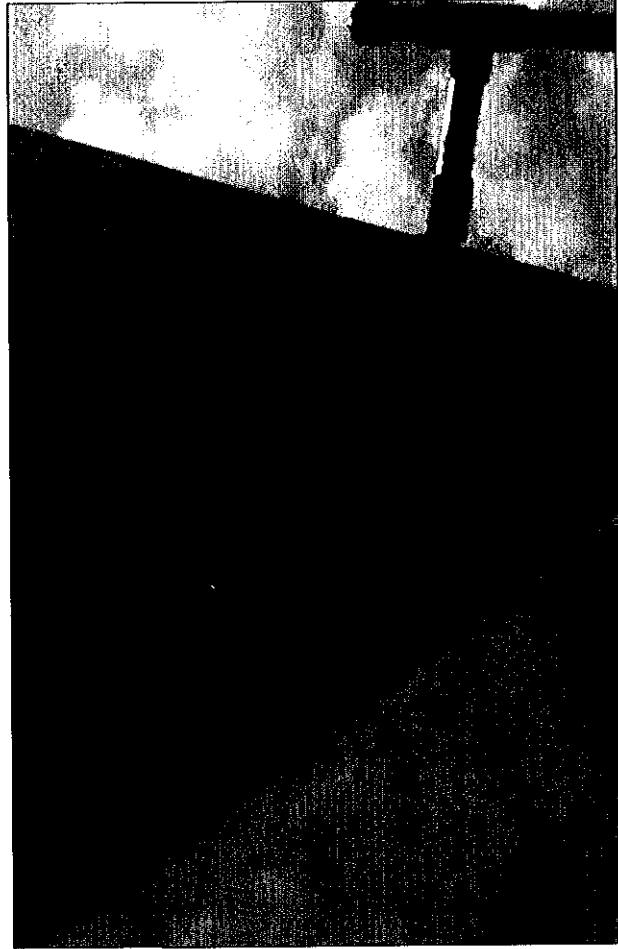
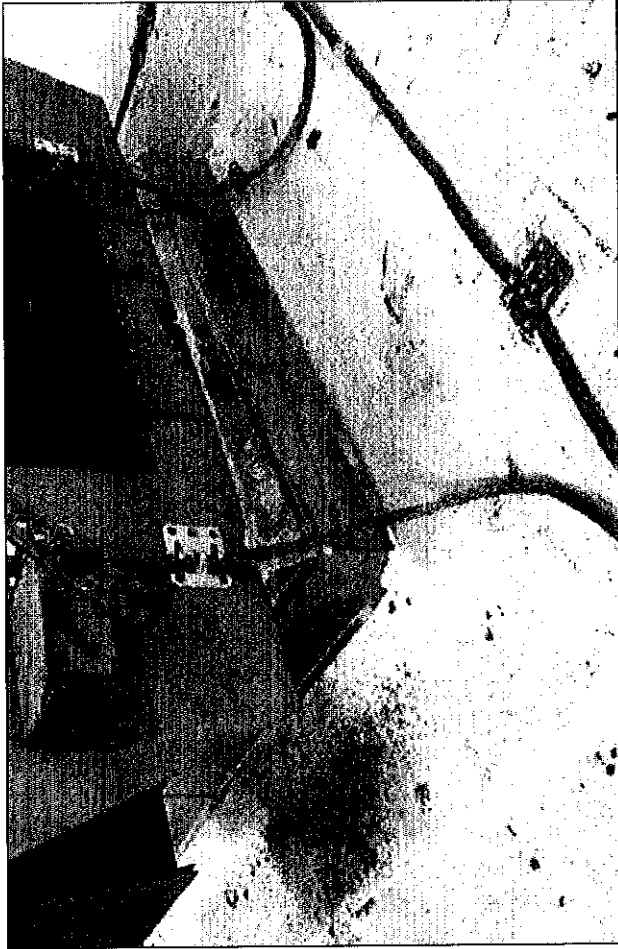
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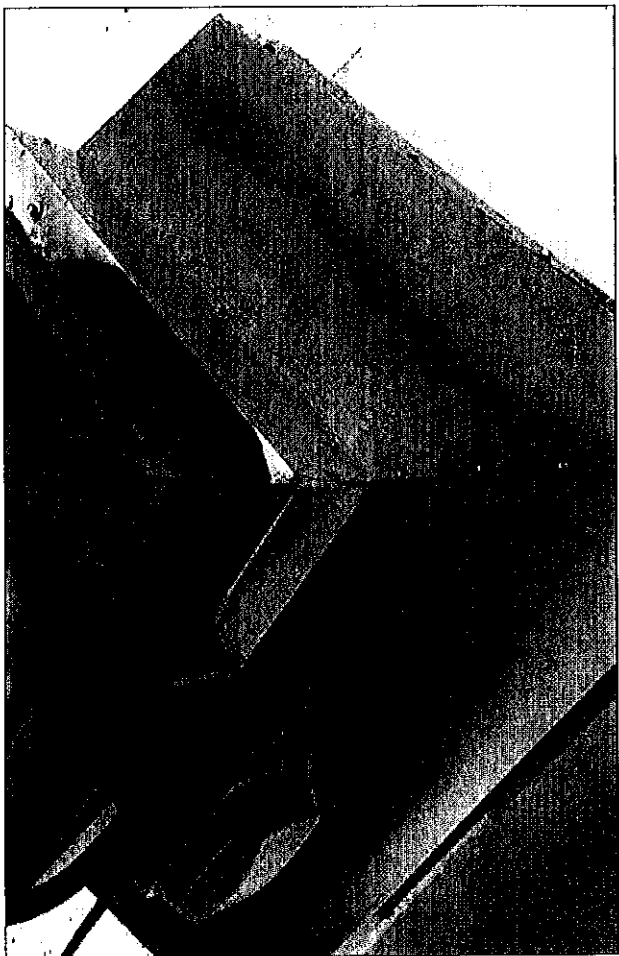


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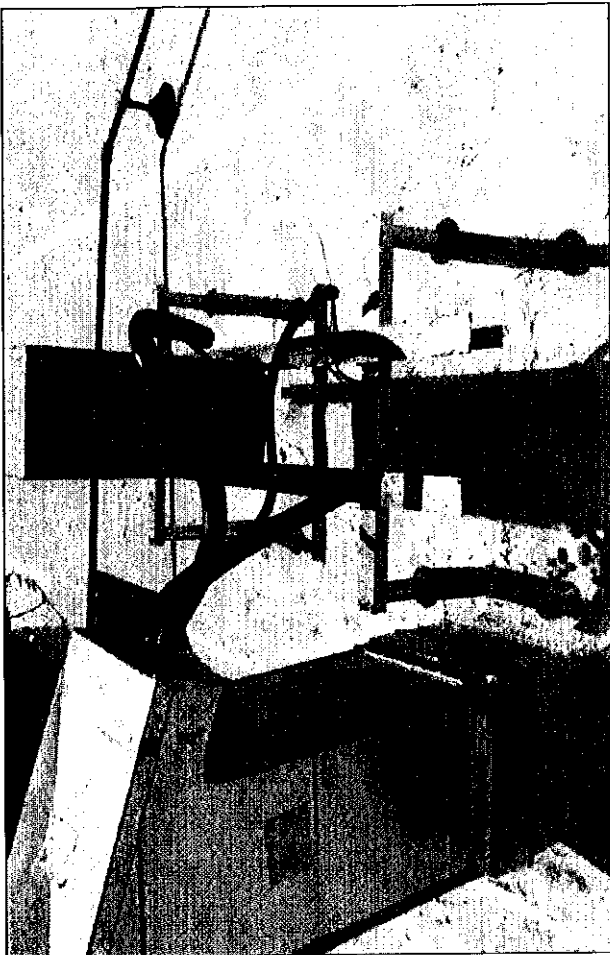
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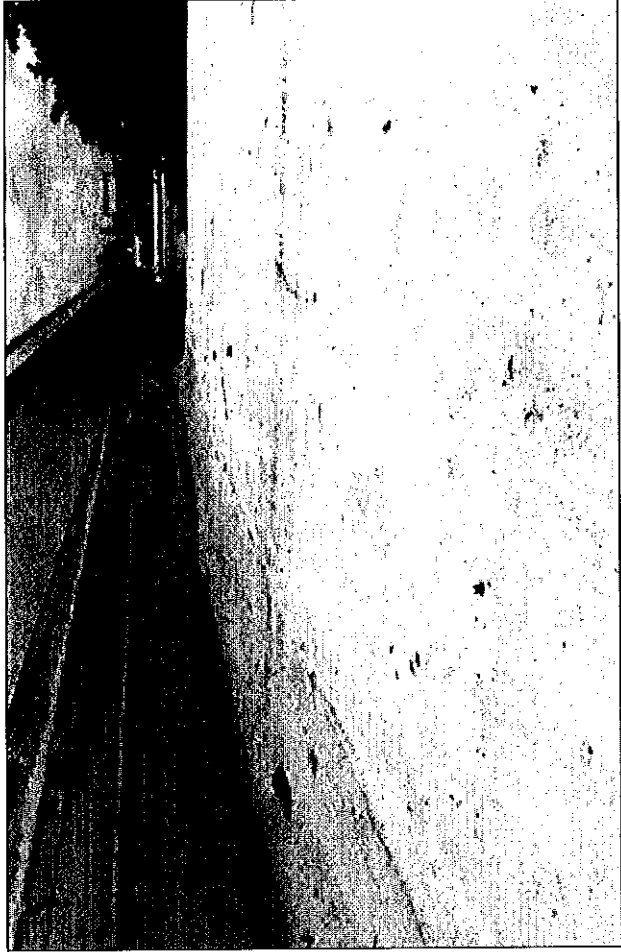
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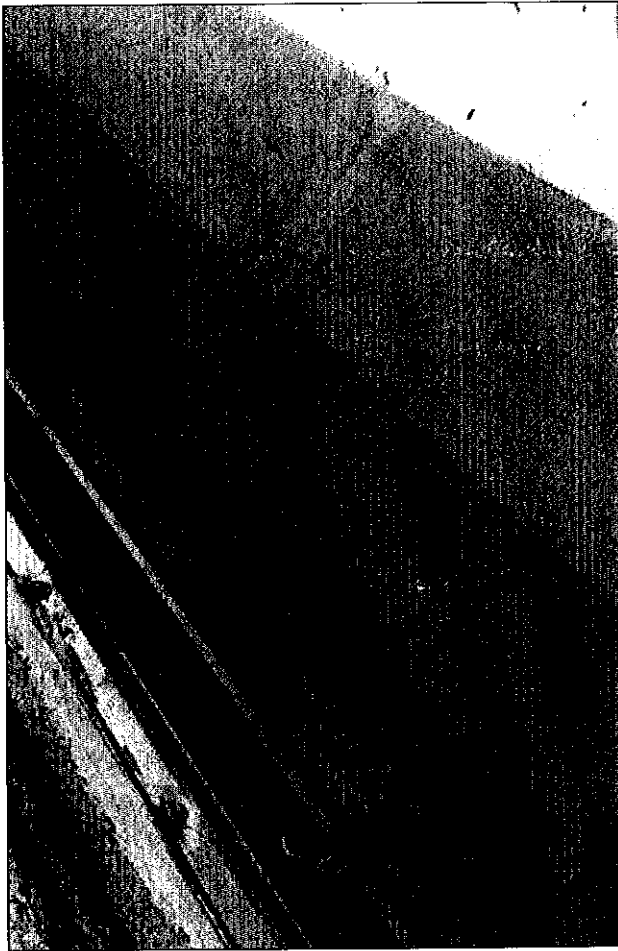
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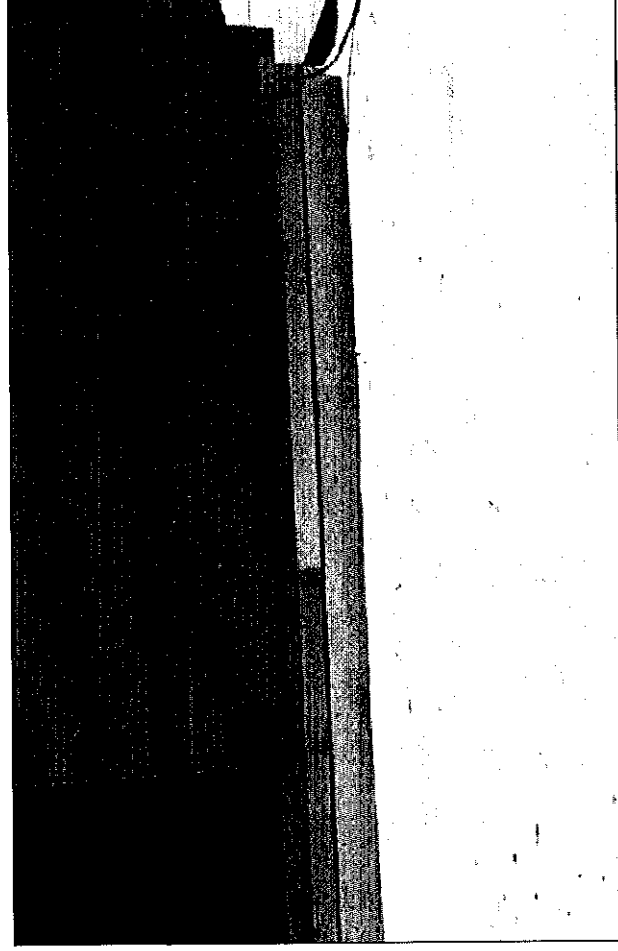
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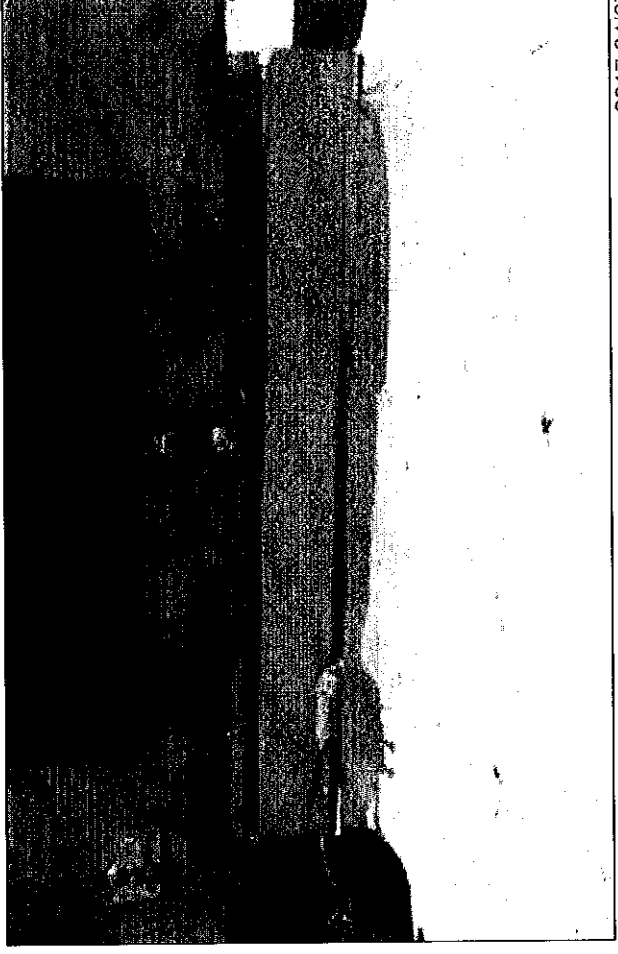
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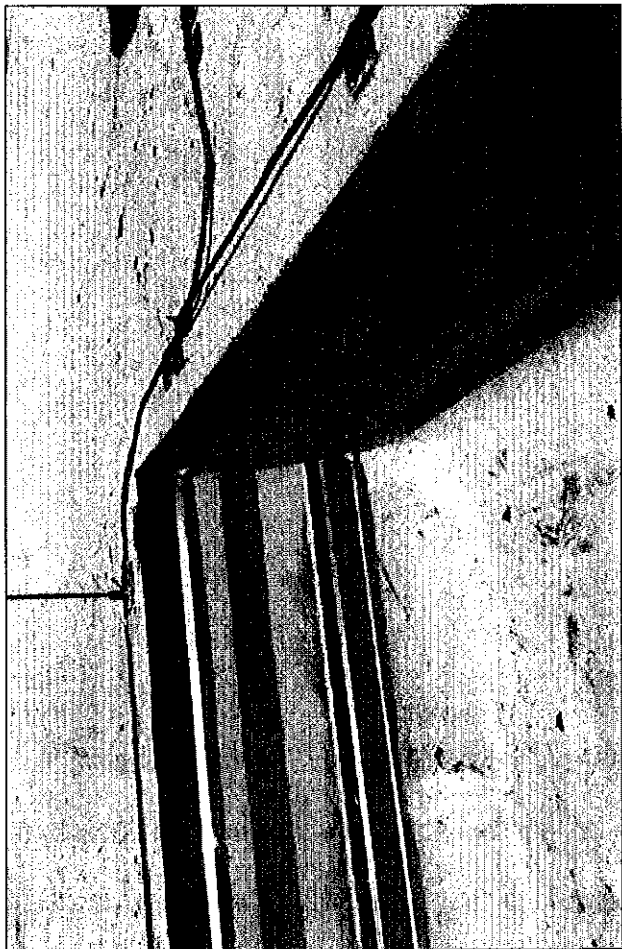
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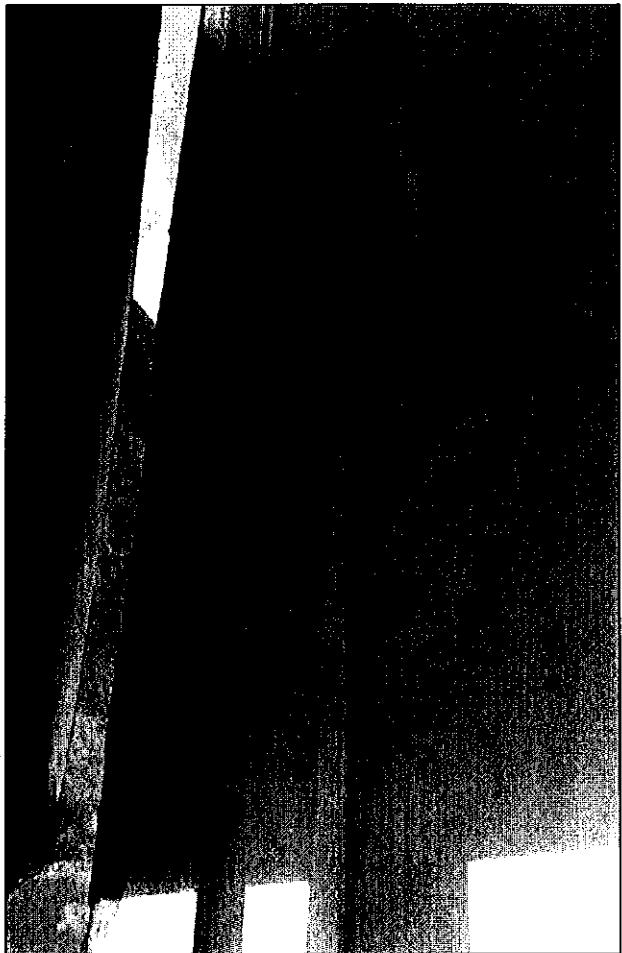
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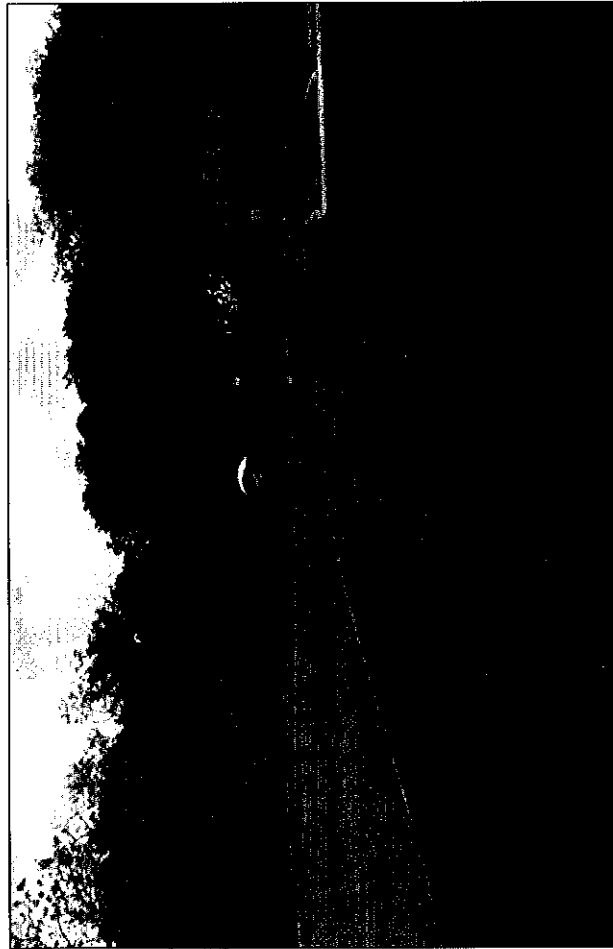
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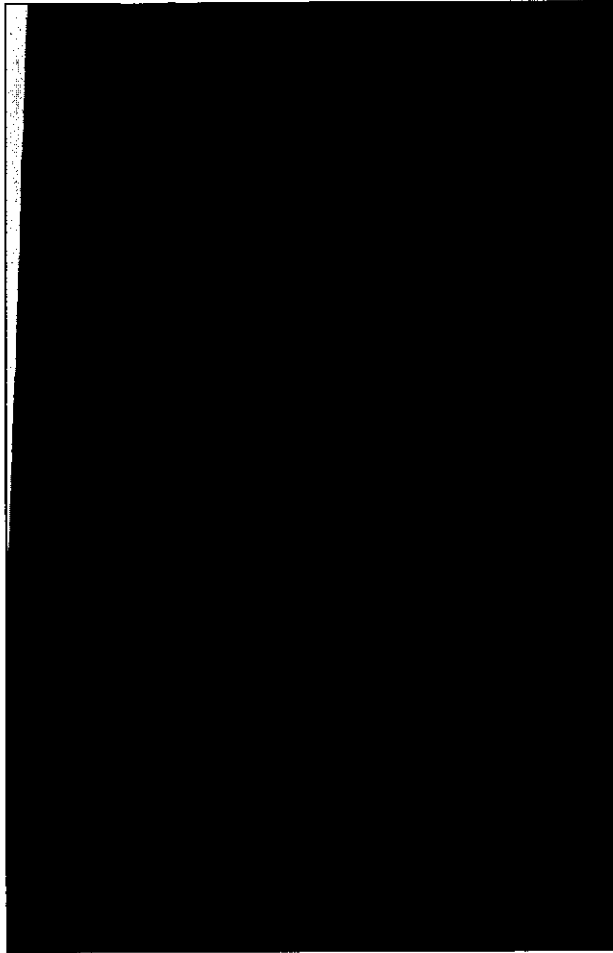
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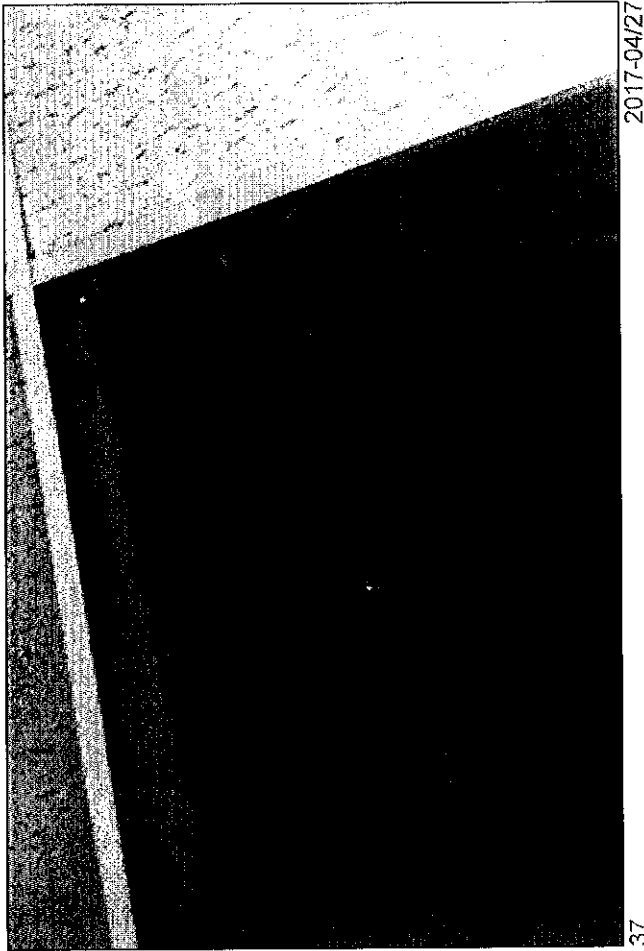
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Broward County Medical Examiner's Office



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