

NO.	REVISIONS
1	ISSUED FOR PERMIT
2	REVISIONS
3	REVISIONS
4	REVISIONS
5	REVISIONS
6	REVISIONS
7	REVISIONS
8	REVISIONS
9	REVISIONS
10	REVISIONS

DATE: 08/22/2022
 DRAWN BY: A.J.K.
 CHECKED BY: A.J.K.
 SCALE: AS SHOWN

ALLEN KIESEL ASSOCIATES, P.A.
 ARCHITECTURE & DESIGN
 113 BRADLEY STREET, SUITE 100
 TITUSVILLE, FLORIDA 32780
 PHONE: 321.264.1366
 FAX: 321.264.1367
 EMAIL: ALLEN@AKAARCHITECTURE.COM
 FLORIDA REG. #A26002782 • NCARB Cert. #78893

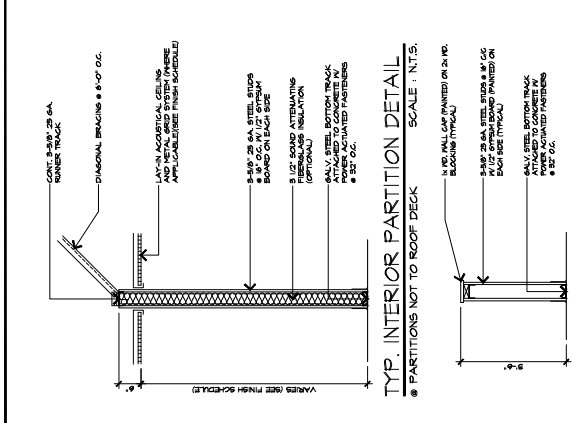
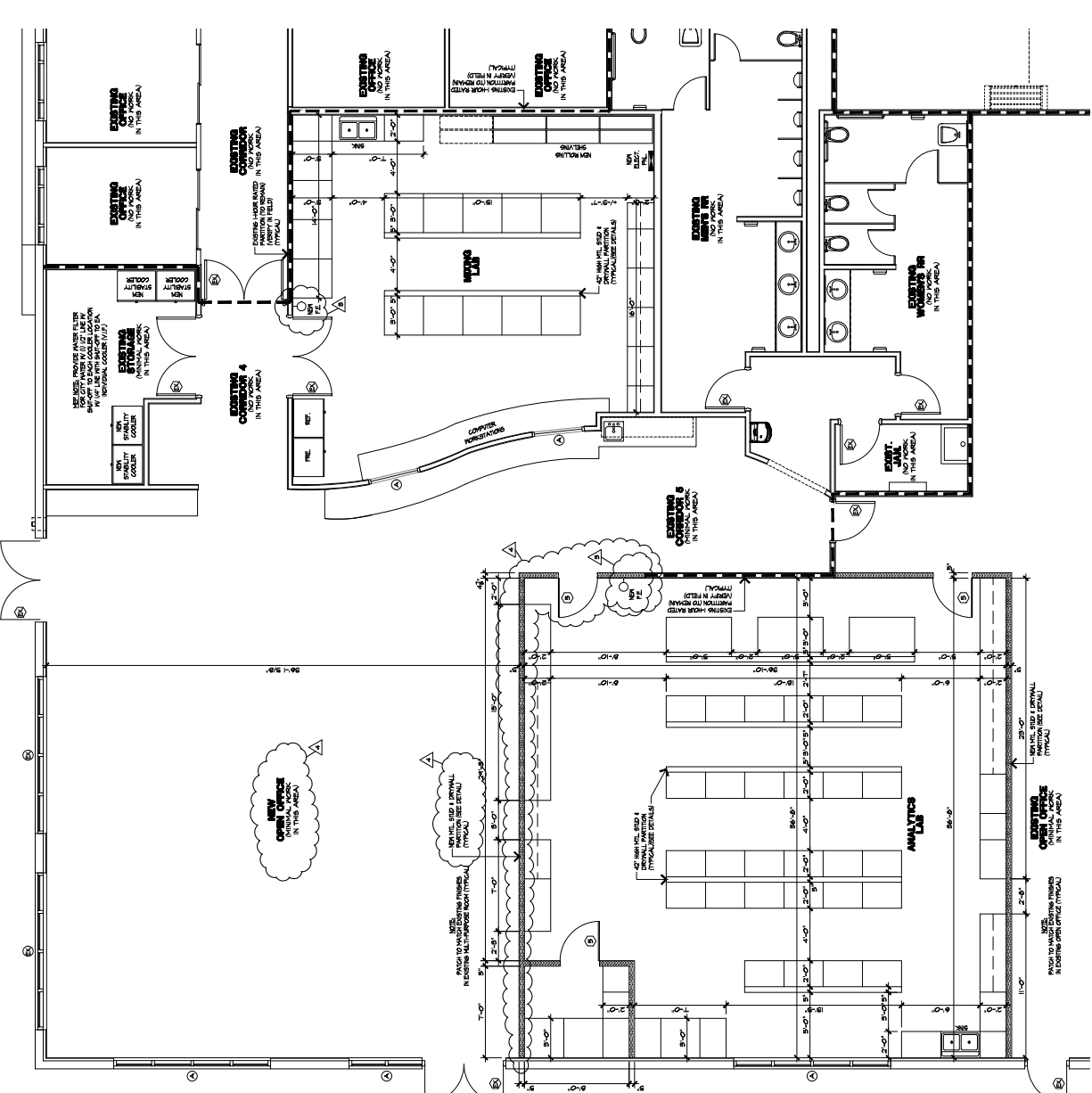
ENLARGED MIXING & ANALYTICS LAB FLOOR PLANS and DETAILS

Pharmaco
 Interior Renovations For:
 1700 Armstrong Drive
 Titusville, Florida 32780

Digitally signed by
 Allen Kiesel
 DN: cn=Allen Kiesel, o=Allen Kiesel Associates, ou=Allen Kiesel Associates, email=AKA@allenkiesel.com, c=US
 Date: 2022.08.15 10:48:22 -0400

Sheet
A-4
 Of 6
 Sheets

PERMIT SET
 REVISED/ISSUED 3/30/22



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City of Titusville, FL
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ANALYTICS & MIXING LAB PLANS
 SCALE: 1/16" = 1'-0"

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PERMIT SET
REVISED/ISSUED 3/30/22

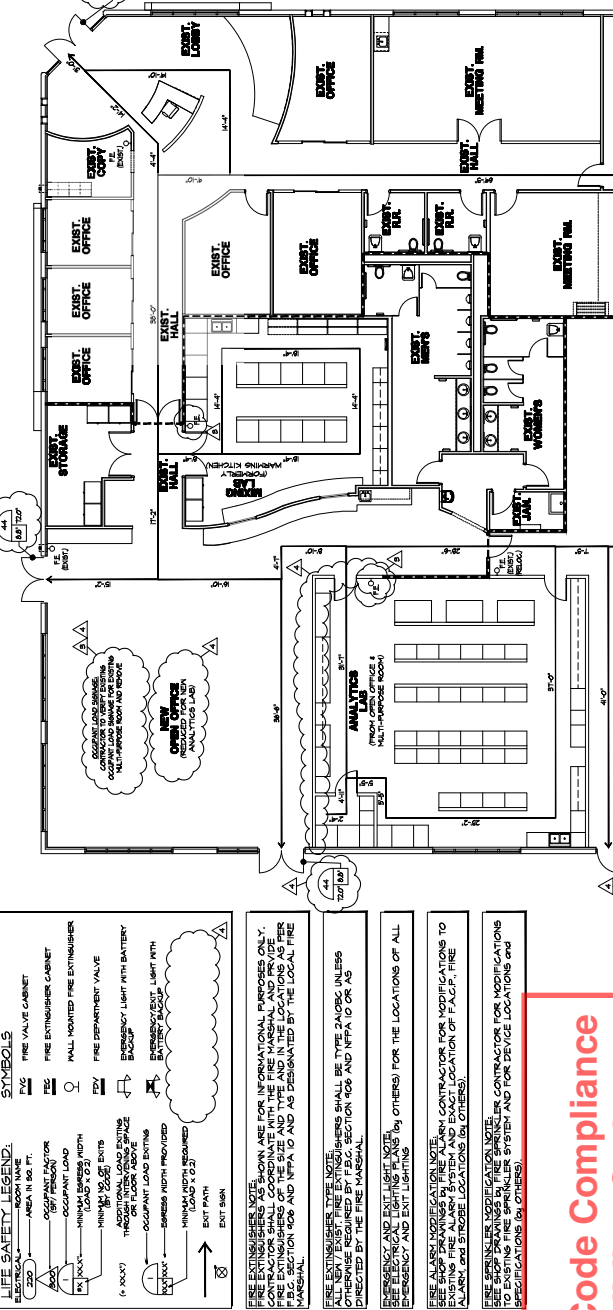
ALLEN KIESEL
ARCHITECTURE & DESIGN
113 BRADY STREET, TITUSVILLE, FLORIDA 32780
PHONE: 321.264.1368 FAX: 321.264.1369
WWW.ALLENKIESELARCHITECTURE.COM
FLORIDA REG. NO. AA2602782 - NCARB CERT. 76883

Pharmco
Interior Renovations For:
1700 Armstrong Drive
Titusville, Florida 32780

Digitally signed by
Allen Kiesel
DN: cn=Allen Kiesel, o=Pharmco
Date: 2022.07.15
10:48:48 -04'00'

Date: 3/30/22
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Drawn: A.J.K.
Checked: A.J.K.
Job: 5022211

Sheet
A-5
Of
6
Sheets



ADMINISTRATION BUILDING LIFE SAFETY PLAN
SCALE: 1/8" = 1'-0"

OCCUPANCY AREA NOTE:
EXISTING ASSEMBLY AREA: 2,200 SQ. FT.
EXISTING LAB AREA: 1,500 SQ. FT.
TOTAL BUILDING AREA: 15,140 SQ. FT.
NEW ASSEMBLY AREA: 0 SQ. FT.
NEW BUSINESS AREA: 1,940 SQ. FT.
TOTAL BUILDING AREA: 15,140 SQ. FT.

OCCUPANCY AREA NOTE:
EXISTING OCCUPANCY AREAS WERE MODIFIED AS PART OF THIS PERMIT. THE
EXISTING ASSEMBLY AREA WAS ELIMINATED TO BE CONVERTED TO MEN OFFICES AND
LABORATORY. THE NEW ASSEMBLY AREA WAS ELIMINATED TO BE CONVERTED TO
LABORATORY. THE NEW ASSEMBLY AREA WAS ELIMINATED TO BE CONVERTED TO
LABORATORY. THE NEW ASSEMBLY AREA WAS ELIMINATED TO BE CONVERTED TO
LABORATORY.

- LIFE SAFETY LEGEND:**
- AREA IN 500 FT.
 - OCCUPANCY FACTOR
 - OCCUPANT LOAD
 - HUMAN BUSINESS ROOM
 - HUMAN BUSINESS ROOM (LOAD 5.0)
 - HUMAN BUSINESS ROOM (LOAD 10.0)
 - HUMAN BUSINESS ROOM (LOAD 15.0)
 - HUMAN BUSINESS ROOM (LOAD 20.0)
 - HUMAN BUSINESS ROOM (LOAD 25.0)
 - HUMAN BUSINESS ROOM (LOAD 30.0)
 - HUMAN BUSINESS ROOM (LOAD 35.0)
 - HUMAN BUSINESS ROOM (LOAD 40.0)
 - HUMAN BUSINESS ROOM (LOAD 45.0)
 - HUMAN BUSINESS ROOM (LOAD 50.0)
 - HUMAN BUSINESS ROOM (LOAD 55.0)
 - HUMAN BUSINESS ROOM (LOAD 60.0)
 - HUMAN BUSINESS ROOM (LOAD 65.0)
 - HUMAN BUSINESS ROOM (LOAD 70.0)
 - HUMAN BUSINESS ROOM (LOAD 75.0)
 - HUMAN BUSINESS ROOM (LOAD 80.0)
 - HUMAN BUSINESS ROOM (LOAD 85.0)
 - HUMAN BUSINESS ROOM (LOAD 90.0)
 - HUMAN BUSINESS ROOM (LOAD 95.0)
 - HUMAN BUSINESS ROOM (LOAD 100.0)

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City of Titusville, FL
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THE EXTINGUISHERS LOCATION ARE FOR INFORMATIONAL PURPOSES ONLY. CONTRACTOR SHALL COORDINATE WITH THE FIRE MARSHAL AND PROVIDE THE EXTINGUISHERS OF THE SIZE AND TYPE AND IN THE LOCATIONS AS PER SECTION 908 AND NFPA 10 AND AS DESIGNATED BY THE LOCAL FIRE MARSHAL.

THE EXTINGUISHERS LOCATION ARE FOR INFORMATIONAL PURPOSES ONLY. CONTRACTOR SHALL COORDINATE WITH THE FIRE MARSHAL AND PROVIDE THE EXTINGUISHERS OF THE SIZE AND TYPE AND IN THE LOCATIONS AS PER SECTION 908 AND NFPA 10 AND AS DESIGNATED BY THE LOCAL FIRE MARSHAL.

EMERGENCY AND EXIT LIGHTING SHALL BE TYPE 2A08C UNLESS OTHERWISE REQUIRED BY FBC, SECTION 908 AND NFPA 10 OR AS DESIGNATED BY THE FIRE MARSHAL.

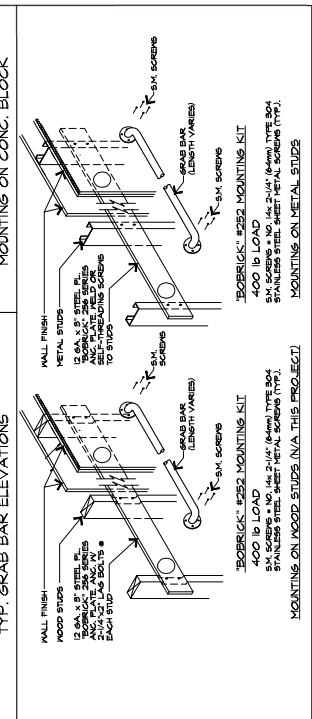
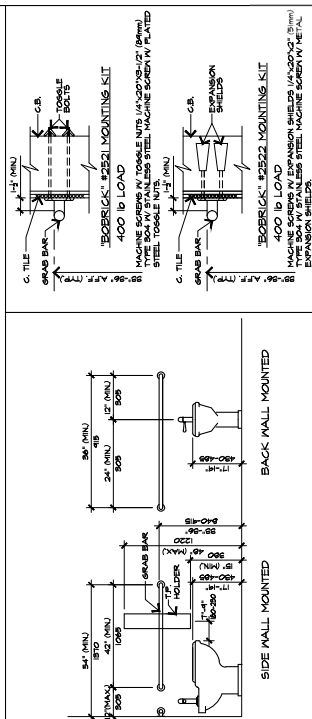
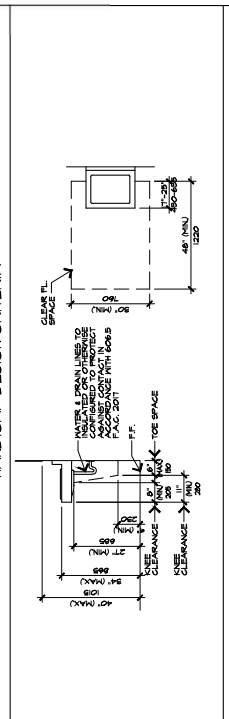
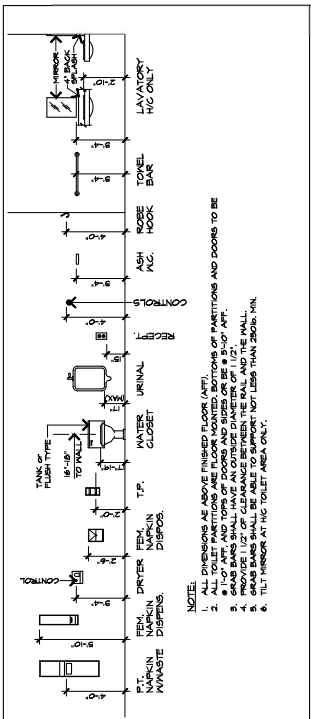
SEE ELECTRICAL LIGHTING PLAN AND OTHERS FOR THE LOCATIONS OF ALL EMERGENCY AND EXIT LIGHTING.

SEE ALARM MODIFICATION NOTE.

SEE SHOP DRAWINGS BY FIRE ALARM CONTRACTOR FOR MODIFICATIONS TO EXISTING FIRE ALARM SYSTEM AND FOR DEVICE LOCATIONS AND SPECIFICATIONS (AS OTHERS).

NO.	REVISIONS

PERMIT SET
REVISED/ISSUED 3/30/22

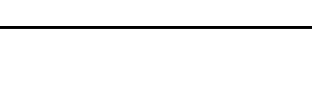
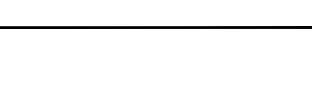
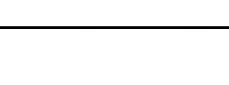
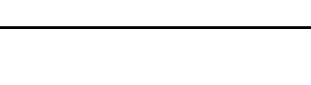
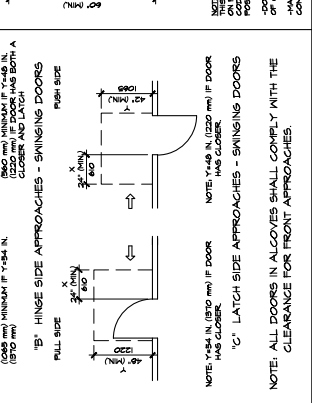
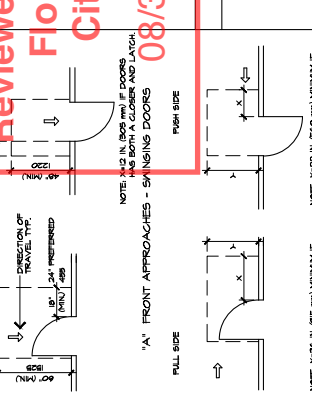
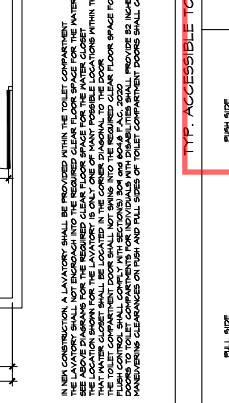
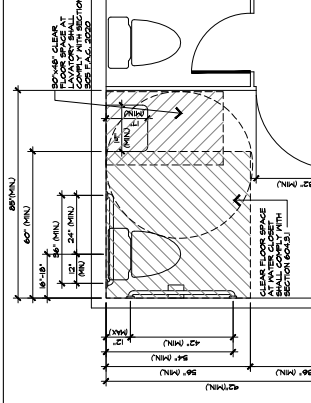
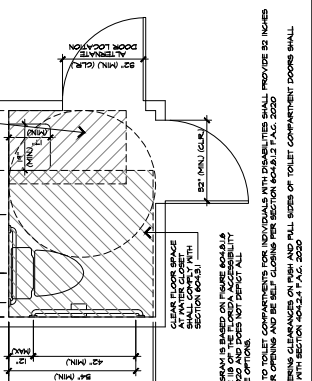
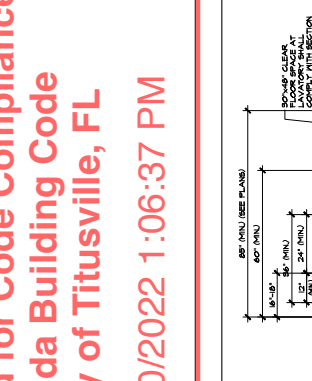
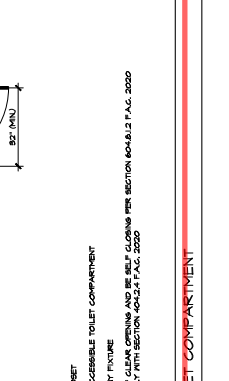
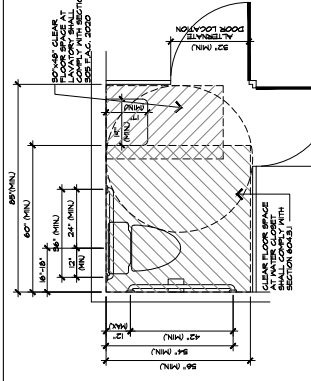
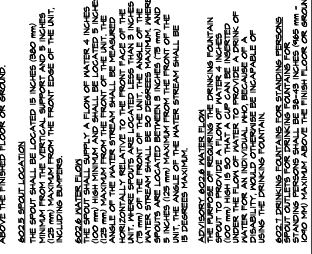
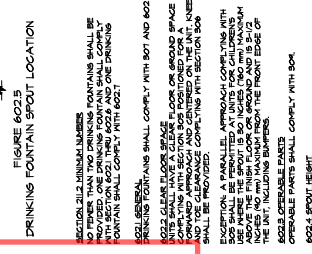
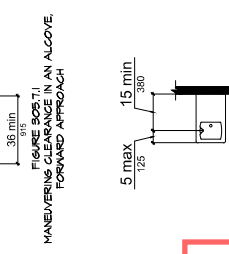
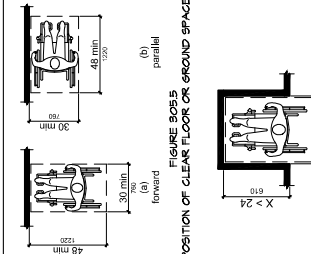


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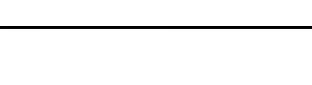
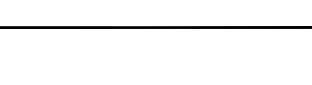
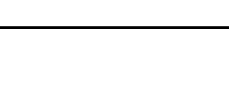
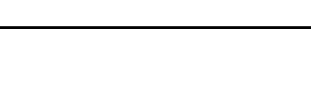
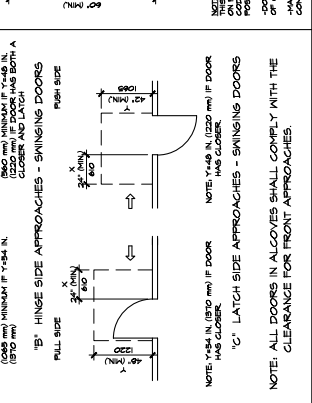
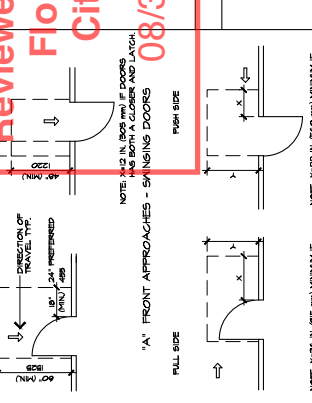
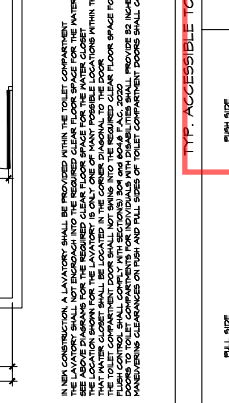
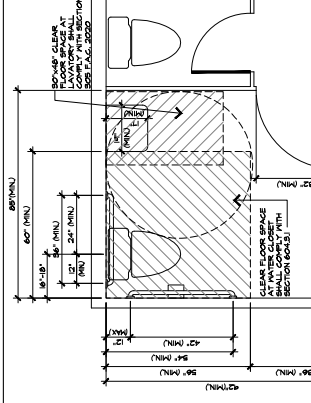
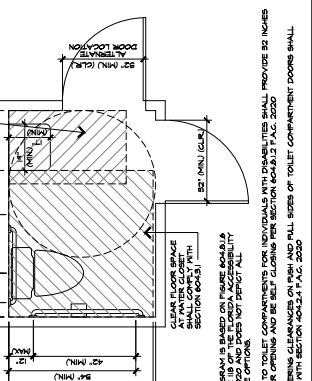
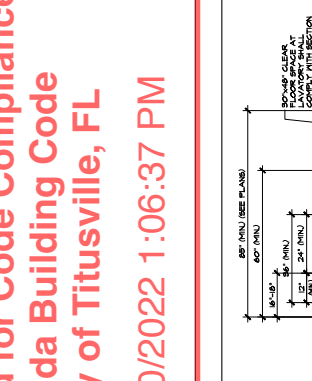
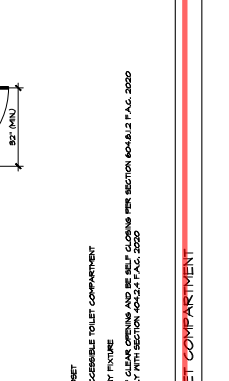
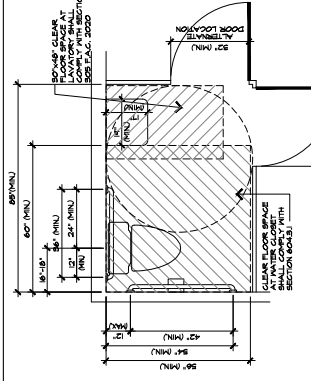
Pharmco
Interior Renovations For:
1700 Armstrong Drive
Titusville, Florida 32780

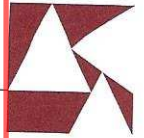
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ALLEN KIESEL
Date: 2022.07.15
Time: 14:49:14 -0400
DN: cn=Allen Kiesel, o=Allen Kiesel Associates, PA, ou=Architecture + Design, email=ak@allenkiesel.com

Sheet
A-6
Of 6
Sheets



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City of Titusville, FL
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July 15, 2022

City of Titusville Building Department
555 South Washington Avenue
Titusville, FL 32796-3584
P.O. Box 2806 (32781-2806)

RE: Comments for 1600 Armstrong Drive - Permit #BPB22-2045.

To whom it may concern,

The following is in response to the comments of July 12, 2022 as emailed to our offices by the general contractor and our meeting with the building and fire official on July 14, 2022. The comments are addressed in the order that they were received. Note that per the instructions of the building department we have split the plans into two separate sets. One for the administration building and one for the production building.

Planning Technician Concerns

1. Noted. Informational comment.

Building Concerns

1. Noted. Informational comment.

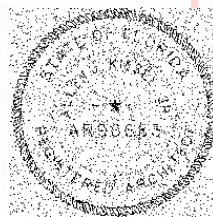
Fire Concerns

1. Noted. Per our meeting discussions on July 14, 2022 we have revised the building to be a business occupancy only with the labs as an accessory use. See revised sheets A-1 thru A-5.
2. Noted. See response to Item #1 above.
3. Noted. See response to Item #1 above.
4. Noted. Per our meeting discussions on July 14, 2022 we determined that an exhaust hood was not needed due to the nature and quantities of the materials to be used in the labs.

I trust that the items in question are satisfactorily answered, but if there are any questions, please feel free to contact my office. Thank you for your assistance

Very truly yours,

Allen J. Kiesel
Allen Kiesel & Associates, P.A.
213 Broad Street
Titusville, Florida 32796
Architect's Registration No. AR96683



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signed by Allen
J Kiesel

Date:
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City of Titusville, FL**

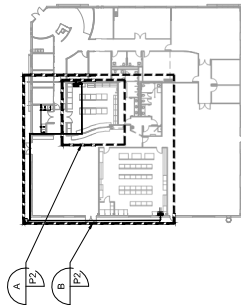
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KEY DEMOLITION NOTES

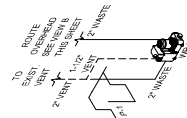
- 1 REMOVE EXISTING HAND SINK, DEMO CW AND HW LINES TO WALL AND CAP, DEMO SANITARY TO WALL AND CAP IN WALL.
- 2 REMOVE EXISTING 3 COMPARTMENT SINK, DEMO CW AND HW LINES TO WALL AND CAP IN WALL, DEMO EXISTING FLOOR SINK AND RETAIN SANITARY LINE FOR FUTURE USE.

KEY INSTALLATION NOTES

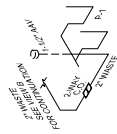
- 1 TIE FIXTURE INTO UNDER COUNTER SANITARY PUMP WP-2, 2" SS TO BE ROUTED OVERHEAD, SEE SANITARY RISER FOR ADDITIONAL DETAIL.
- 2 TIE IN FIXTURE TO EXISTING LOCAL HW AND CW.
- 3 ROUTE 2" PVS WASTE DOWN ON INSIDE THEN THRU WALL TO EXTERIOR THIS LOCATION.



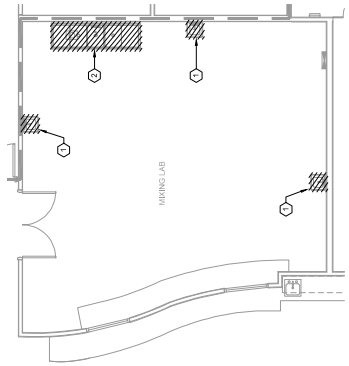
KEY PLAN
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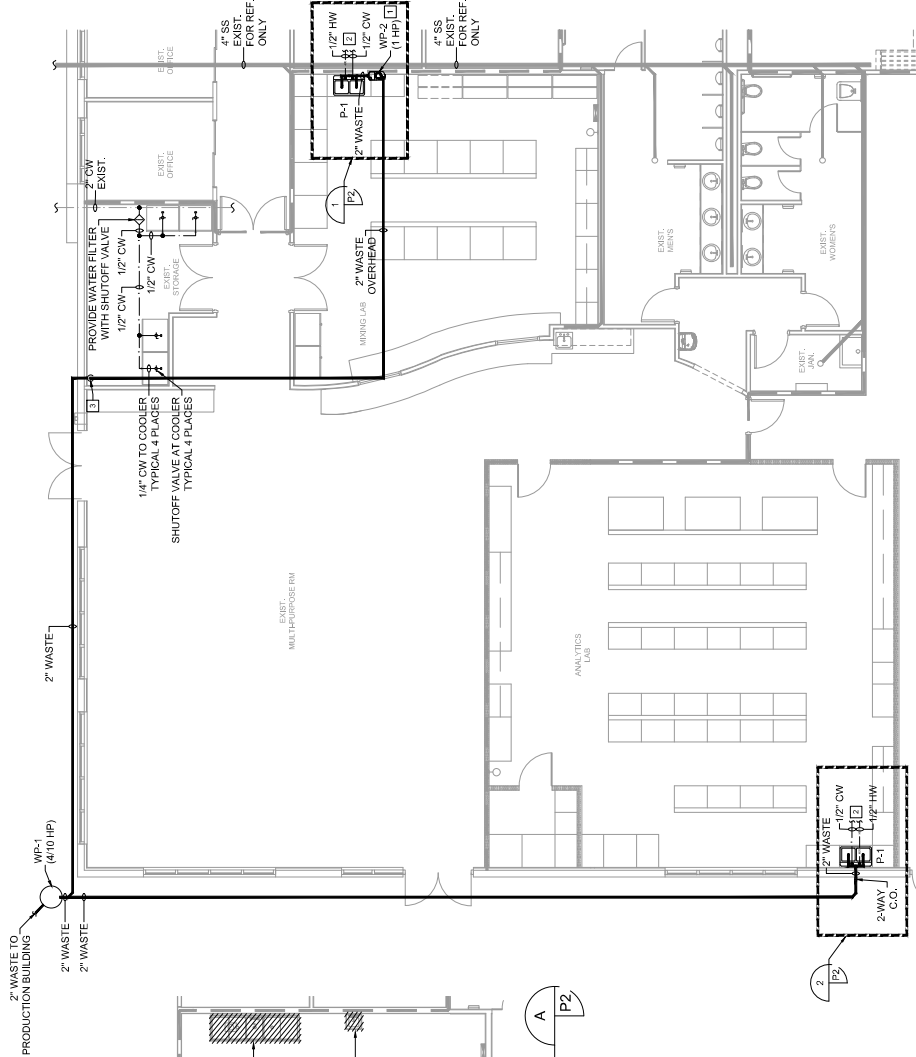
SANITARY RISER 1
SCALE: N.T.S.



SANITARY RISER 2
SCALE: N.T.S.



PLUMBING DEMO PLAN
SCALE: 3/16"=1'-0"



PLUMBING INSTALL PLAN
SCALE: 3/16"=1'-0"

REV	DESCRIPTION	DATE

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C&H Merrill, Inc.
3271 725 4900 F 3271/25-3900 www.c-h-merrill.com

INTERIOR RENOVATIONS & ADDITIONS FOR PHARMCO ADMIN
1700 ARMSTRONG DRIVE
TITUSVILLE
FLORIDA, 32780

**ADMIN BLDG
PLUMBING PLAN**

DATE	P2
WEEK	
W.A.F.	
ORDER #	
DATE	07/19/22
BY	AS SHOWN

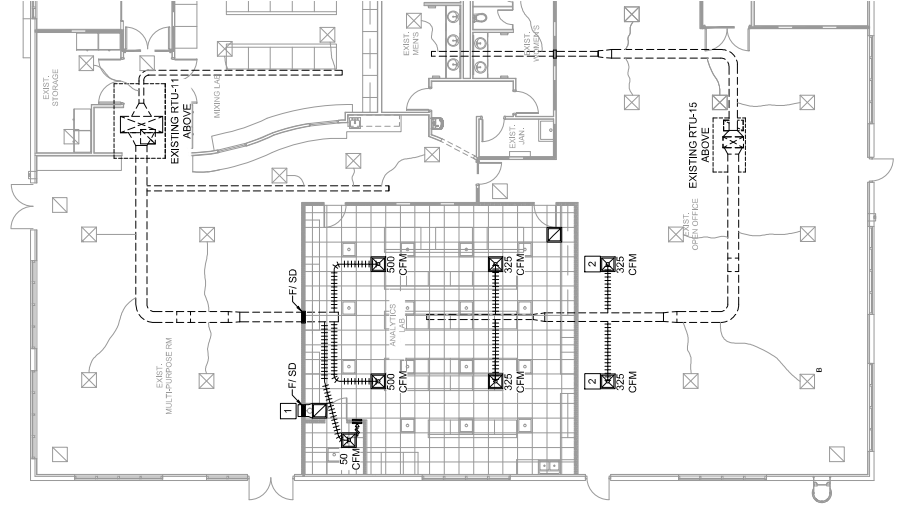
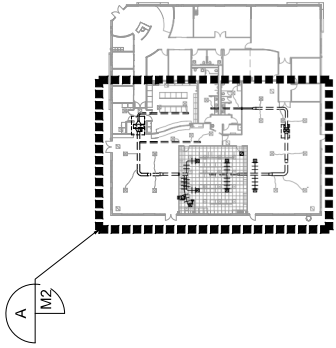
GENERAL NOTES

1. MAINTAIN STRUCTURE OF EXISTING MAIN DUCTS
2. ITEMS SHOWN IN GRAY ARE EXISTING TO REMAIN

FLAG NOTES

1. DUCT THRU WALL OPEN TO RETURN AIR PLENUM
2. DIFFUSERS TO BE RELOCATED SOUTH OF NEW ANALYTICS LAB WALL. MAINTAIN CFM AS SHOWN.

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City of Titusville, FL
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HVAC PLAN
SCALE: 1/4"=1'-0"

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C&H Merrill, Inc.
 Engineering & Design
 1318 Norman St. SE, Palm Bay, FL 32909
 PROJECT NO.: 69022A
 COA: 235932
 P: 321.725.4390 F: 321.725.2500 www.chmerrill.com

INTERIOR RENOVATIONS & ADDITIONS FOR: PHARMCO ADMIN
 1700 ARMSTRONG DRIVE
 TITUSVILLE
 FLORIDA, 32780

**ADMIN BLDG
 HVAC PLAN**

SHEET
M2
 DESIGNER: D. HOCHHEIM
 CHECKER: D. MERRILL
 DATE: 07/19/22
 DRAWN BY: K.S. SHOWN

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GENERAL NOTES

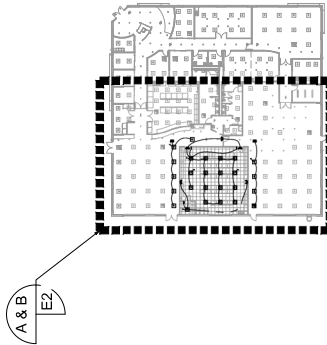
- 1. UTILISE EXISTING LIGHTING FIXTURES AND CONTROL, AS SHOWN.

FLAG NOTES

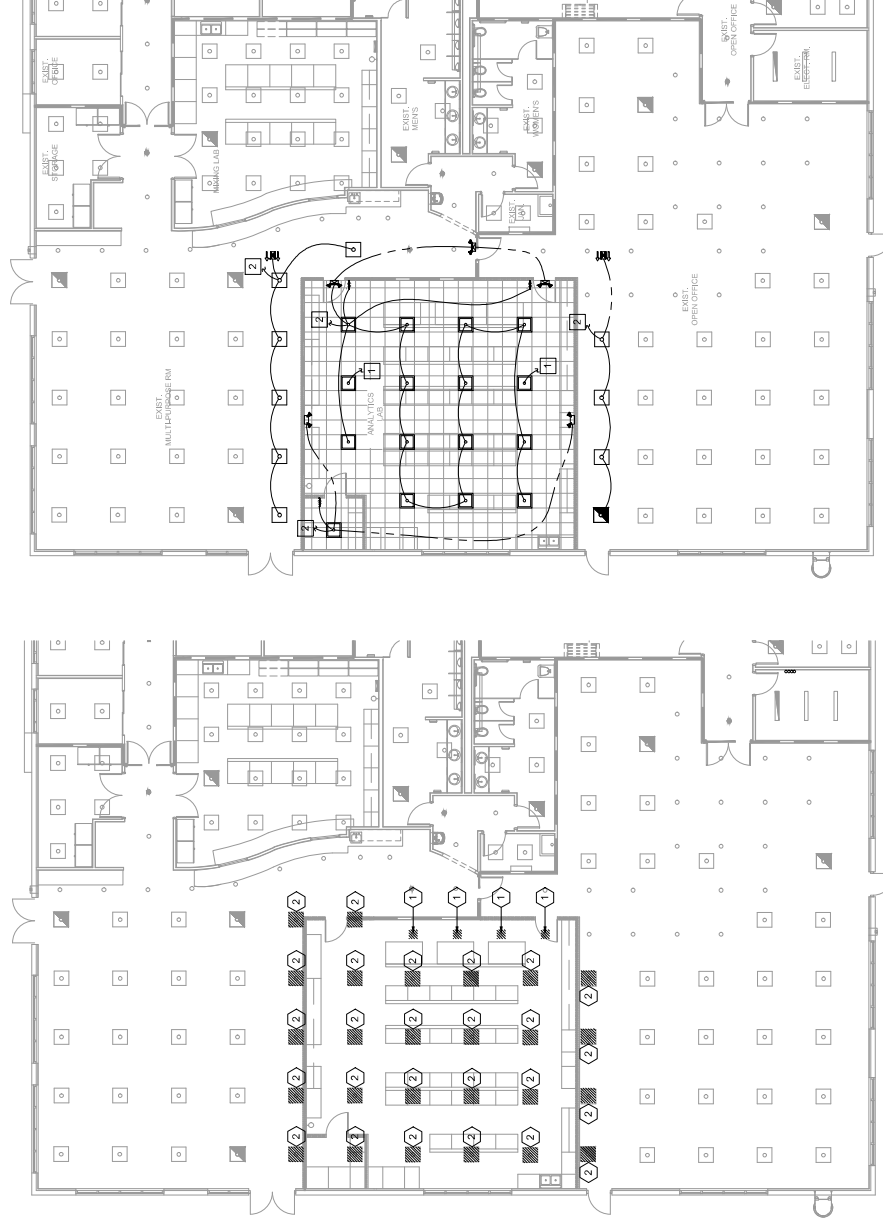
- 1. FIXTURES ON THIS CIRCUIT ILLUMINATE LANE(S) OF EGRESS. ENSURE MINIMUM ONE (1) FOOT CANDLE DURING OCCUPIED HOURS. TIE IN WITH ASTRONOMICAL TIMELOCK FOR CONTROL. CONTRACTOR TO VERIFY ALL FLAG NOTES MEET ALL EGRESS LIGHTING REQUIREMENT. TIE INTO EXISTING LOCAL EGRESS LIGHTING CIRCUIT.
- 2. TIE INTO EXISTING LOCAL CIRCUIT

DEMOLITION NOTES

- 1. SAFE OFF AND REMOVE EXISTING LIGHTING FIXTURES. REMOVE ASSOCIATIVE WIRING.
- 2. SAFE OFF AND RELOCATE EXISTING LIGHTING FIXTURES.



KEY PLAN
SCALE: N.T.S.



LIGHTING DEMO PLAN
SCALE: 1/4"=1'-0"



LIGHTING PLAN
SCALE: 1/4"=1'-0"



E2

PROJECT:	ADMIN BLDG
OWNER:	PHARMCO ADMIN
DATE:	07/19/22
BY:	AS SHOWN

E2

REV	DESCRIPTION	DATE

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C&H Merrill, Inc.
 Engineering & Design
 9121 725 4900 F: 921/72-3900 www.chmerrill.com
 1418 Norman St. SE, Suite 201, Lakeland, FL 34052
 PROJECT NO.: 69022A
 COA: 235932

INTERIOR RENOVATIONS & ADDITIONS FOR: PHARMCO ADMIN
 1700 ARMSTRONG DRIVE
 TITUSVILLE
 FLORIDA, 32780

Product Approval Form

Address	1700 Armstrong	Permit #	
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Product approval information can be obtained at the following sources: <http://www.floridabuilding.org>, <http://www.miamidade.gov/buildingcode> OR directly from the manufacturer.

The following information must be available on the jobsite for inspections:

1. This entire product approval form, stamped as "REVIEWED FOR CODE COMPLIANCE".
2. A copy of the manufacturer's installation details and requirements for each product.

TYPE (Fill in blank for others)	MANUFACTURER	MODEL # / SERIES	FLORIDA APPROVAL # (INCLUDE DECIMAL) IF APPLICABLE	MIAMI / DADE N.O.A.
SWINGING		DOORS	FL 13341	
"				
SLIDING				
"				
OVERHEAD				
"				
SINGLE HUNG		WINDOWS		
DOUBLE HUNG				
HORIZONTAL SLIDING				
CASEMENT				
FIXED				
SKYLIGHT				
MULLION				
GLASS BLOCK				
		SOFFIT		
ALUMINUM				
VINYL				
SHINGLES		ROOFING		
METAL				
TILE				
SINGLE PLY				
ROOF VENTS				
ROOF UNDERLAYMENT				
RIDGE/OFF RIDGE VENTS				
OTHER COMPONENTS – Engineered Lumber, Hurricane Shutters, Lintels, etc.				
STORM SHUTTERS/PANELS				
SIDING				