

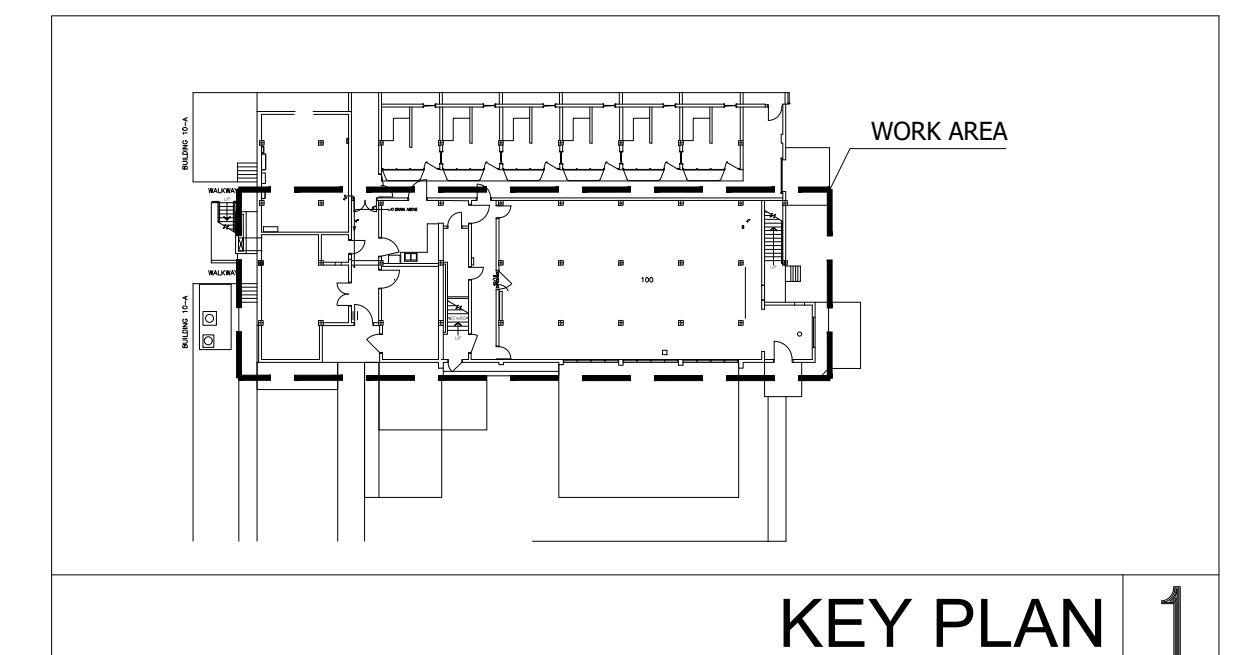
UNIVERSITY OF LOUISIANA

AT LAFAYETTE

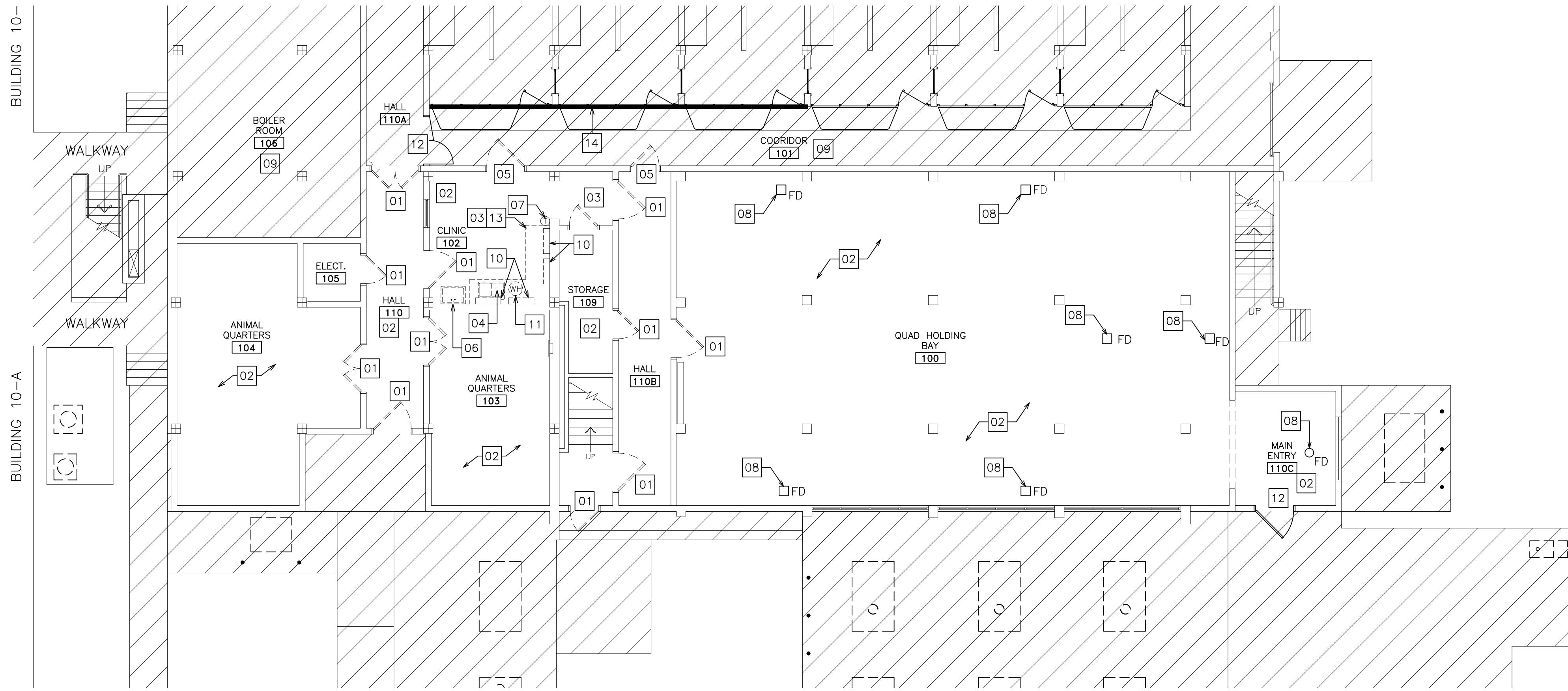
NEW IBERIA RESEARCH CENTER
BUILDING 10B - 1ST FLOOR
INTERIOR MODIFICATIONS



BUILDING 10B



KEY PLAN 1



NIRC BUILDING 10B
1/8" = 1'-0"

DEMOLITION PLAN 1



STONGARD® MR

PRODUCT DESCRIPTION

Stongard MR is a nominal 30 to 40 mil/0.75 to 1 mm thick flooring system created for positive side waterproofing applications. It is designed to protect areas below mechanical rooms, pump and mezzanine floors. It is comprised of:

Stonproof ME7
A two-component, free-flowing, 100% solids, urethane, elastomeric waterproof membrane

Stonkote GS4
A two-component, 100% solids, general purpose, epoxy coating

OPTIONS

Cove Base
Provides an integral seal at the joint between the floor and the wall. Cove bases in heights from 2 to 6 in./5 to 15 cm are available.

Fiberglass Reinforcement
Incorporate fiberglass into the system to aid in crack bridging properties.

Texture
Can be added to the system to provide slip resistance and wear properties.

Note: Some options can effect Physical Characteristics listed on the Product Data.

PACKAGING

Stongard MR is packaged in units for easy handling. Each unit consists of:

Stonproof ME7
1 carton containing:
6 foil bags of Isocyanate

1 carton containing:
6 poly bags of Polyol

Stonkote GS4
0.75 cartons containing:
4 foil bags of Amine
4 poly bags of Resin

COVERAGE

Each unit of Stongard MR will cover approximately 300 sq. ft./27.9 sq. m of surface at a nominal 30 to 40 mil/0.75 to 1 mm

STORAGE CONDITIONS

Store all components of Stongard MR between 60 to 85°F/16 to 30°C in a dry area. Avoid excessive heat and do not freeze. The shelf life for epoxy primers/coatings is 3 years; the shelf life for Stonproof ME7 is 2 years in the original, unopened container.

COLOR

Stongard MR is available in 12 standard colors. Custom colors are available upon request.

SUBSTRATE

Stongard MR, in conjunction with the proper primers, is suitable for application over properly prepared concrete, metal or wood. For questions regarding other possible substrates or an appropriate primer, contact your local Stonhard representative or Technical Service.

SUBSTRATE PREPARATION

Proper preparation is critical to ensure an adequate bond and system performance. The substrate must be dry and properly prepared utilizing mechanical methods. Questions regarding substrate preparation should be directed to your local Stonhard representative or Technical Service.

PHYSICAL CHARACTERISTICS

Tensile Strength.....	1,200 psi (ASTM D-412)
Elongation.....	200% (ASTM D-412)
Hardness.....	70 (ASTM D-2240, Shore A)
Theoretical Coverage.....	300 sq. ft./27.87 sq. m
Pot Life.....	30 to 35 minutes (@ 77°F/25°C)
Abrasion Resist-17.....	0.06 gm (ASTM D-4060, CS)
Water Absorption.....	0.1% (ASTM C-413)
VOC Content.....	Stonproof ME7 - 8 g/l (ASTM D-2389)
Cure Rate.....	Stonkote GS4 - 30 g/l (@ 77°F/25°C)
	for tack-free surface
	24 hours for normal operations

Note: The above physical properties were measured in accordance with the referenced standards. Samples of the actual floor system, including binder and filler, were used as test specimens. All sample preparation and testing is conducted in a laboratory environment, values obtained on field applied materials may vary and certain test methods can only be conducted on lab-made test coupons.

PRIMING

The use of Standard Primer and SL Primer is necessary for all applications of Stongard MR over all substrates except Stonset grouts. Over Stonset grouts, Stonhard's Stonset Primer is used. Please see the appropriate primer Product Data sheet for details.

MIXING

- Proper mixing is critical for the product to exhibit the proper application properties, cure properties and ultimate physical properties.
- Mechanical mixing using a slow-speed drill and mixing blade.
- Material must be applied immediately after mixing.
- See Stongard MR Directions for further details.

APPLYING

- DO NOT attempt to install material if the temperature of Stongard MR components and substrate are not within 60 to 85°F/16 to 30°C. The cure time and application properties of the material are severely affected at temperatures outside of this range.
- A staff of technical service engineers is available to assist with installation or to answer questions related to Stonhard flooring products.
- Detailed application instructions can be found in the Stongard MR Directions.

NOTES

- Procedures for maintenance of the flooring system during operations are described in the Stonkote Floor Cleaning Procedures Brochure.
- Specific information regarding chemical resistance is available in the Stonkote GS4 Product Data sheet.
- Safety Data Sheets for Stongard MR are available online at www.stonhard.com under Products or upon request.
- A staff of technical service engineers is available to assist with installation or to answer questions related to Stonhard flooring products.
- Requests for technical service or literature can be made through local sales representatives and offices, or corporate offices located worldwide.
- The appearance of all floor, wall and lining systems will change over time due to normal wear, abrasion, traffic and cleaning. Generally, high gloss coatings are subject to a reduction in gloss, while matte finish coatings can increase in gloss level under normal operating conditions.
- Surface texture of resinous flooring surfaces can change over time as a result of wear and surface contaminants. Surfaces should be cleaned regularly and deep cleaned periodically to ensure no contaminant buildup occurs. Surfaces should be periodically inspected to ensure they are performing as expected and may require traction-enhancing maintenance to ensure they continue to meet expectations for the particular area and conditions of use.

IMPORTANT: Stonhard believes the information contained here to be true and accurate as of the date of publication. Stonhard makes no warranty, expressed or implied, based on this literature and assumes no responsibility for consequential or incidental damages in the use of the systems described, including any warranty of merchantability or fitness. Information contained here is for evaluation only. We further reserve the right to modify and change products or literature at any time and without prior notice.

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STONHARD

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Canada	(800) 263 3112	Argentina	+54 11 5022 1113	Dubai, UAE	+971 4 3430460	China	+86 21 6938088	India	+91 22 28502021

- A. CONTRACTOR SHALL PROVIDE TEMPORARY TOILET FACILITIES.
- B. **WORKING TIMES:** 7:00 AM TO 4:30 PM MON. THRU FRIDAY. NO WORK ON WEEKENDS. CONTRACTOR SHALL COORDINATE WITH FACILITY SEVEN (7) IN ADVANCE IF AFTER HOURS OR WEEKEND WORK IS REQUIRED. APPROVAL IS NOT GUARANTEED.
- C. ALL CONTRACTOR EMPLOYEES SHALL SUBMIT TO BACKGROUND CHECKS PAID FOR BY OWNER. ALLOW FOR TWO (2) WEEKS FOR PROCESSING UPON SUBMISSION OF APPLICATIONS.
- D. PROTECT ALL FLOOR DRAINS PRIOR TO THE START OF WORK AND THROUGHOUT THE DURATION OF THE PROJECT.
- E. MITIGATE DUST THROUGHOUT THE DURATION OF THE PROJECT, AS THE BUILDING IS ANIMAL OCCUPIED.
- F. ALL WORK AREAS WILL BE KEPT NEAT AND ORDERLY AS POSSIBLE, AS THE BUILDING IS ACTIVE DURING BUSINESS HOURS.
- G. CONTRACTOR SHALL COORDINATE WITH NIRC PROJECT MANAGER WHEN OR IF ANY OUTAGES NEED TO BE SCHEDULED FOR ANY WORK.
- H. CONTRACTOR SHALL REMOVE ALL CONSTRUCTION DEBRIS OFF SITE. CONTRACTOR SHALL PROVIDE TRASH DUMPSTER. COORDINATE LOCATION WITH OWNER.

GENERAL NOTES 2

- 01 - REMOVE EXISTING METAL DOOR, FRAME, AND HARDWARE IN THEIR ENTIRETY. ALL DOORS AND FRAMES TO BE SCRAPPED. CONTRACTOR SHALL SAWCUT FRAME AWAY FROM EXISTING CINDER BLOCK. ANY DAMAGE BLOCKS MUST BE REPLACED IN IT'S ENTIRETY. GROUT PATCHING NOT ALLOWED.
- 02 - FLOORING CONTRACTOR SHALL PREPARE EXISTING FLOOR TO RECEIVE NEW FLOOR FINISH IN STRICT ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS TO CREATE A LEVEL SURFACE TO RECEIVE COATING SYSTEM AS DETAILED.
- 03 - EXISTING COUNTERTOP INCLUDING ALL BRACKETS, SHALL BE REMOVED BY OWNER. OWNER SHALL PREPARE AND PAINT EXISTING WALLS.
- 04 - EXISTING SINK INCLUDING FAUCET, P-TRAP, WATER SUPPLY LINES UP TO VALVE STOPS TO BE REMOVED BY OWNER. EXISTING WATER SUPPLY STOPS TO REMAIN. OWNER SHALL PREP AREA TO RECEIVE NEW COUNTERTOPS AND SINK EQUIPMENT.
- 05 - REMOVE EXISTING METAL DOOR, FRAME, AND HARDWARE. COMPONENTS SHALL BE SCRAPPED. PREPARE OPENING TO RECEIVE NEW BLOCKING.
- 06 - EXISTING EYE WASH STATION TO BE REMOVED IN ITS ENTIRETY INCLUDING ALL DRAINS, AND WATER SUPPLIES. EXISTING WATER STOP VALVES TO TO BE REMOVED BY OWNER.
- 07 - EXISTING THERMOSTAT TO REMAIN.
- 08 - EXISTING FLOOR DRAINS TO REMAIN. PREP AS REQUIRED FOR NEW FLOOR COATING.
- 09 - NO WORK THIS AREA.
- 10 - EXISTING SHELVING TO REMAIN. SHELVING SHALL BE REMOVED, REPAINTED AND RE-INSTALLED BY OWNER. COORDINATE AS REQUIRED.
- 11 - EXISTING ELECTRIC HOT WATER HEATER TO BE REMOVED BY OWNER AND SALVAGED. EXISTING STAND TO BE REMOVED AND SALVAGED BY OWNER. CONTRACTOR SHALL RE-INSTALL.
- 12 - EXISTING DOOR TO REMAIN. NOT IN SCOPE.
- 13 - EXISTING ELECTRICAL RECEPTACLES AND CONDUIT IN AREA TO REMAIN. CONTRACTOR SHALL PROTECT DURING DEMOLITION.
- 14 - OWNER SHALL INSTALL CANOPY/TARP OVER CONTAINMENT PORTION OF FENCE TO BLOCK VIEW. CONTRACTOR SHALL COORDINATE WITH OWNER PRIOR TO WORK TO INSURE BARRIER IS INSTALLED PRIOR TO START. CONTRACTOR SHALL INSPECT TARP SYSTEM DAILY PRIOR TO START OF WORK TO INSURE PROPER INSTALLATION. NOTIFY OWNER OF PROBLEM AREAS. CONTRACTOR CANNOT START WORK UNTIL TARP SYSTEM IS FULLY FUNCTIONING AS INTENDED.

FLOOR COATING SPECIFICATION (BASIS OF DESIGN) 3

DEMOLITION KEYNOTES 4

GENERAL NOTES

NO:	REVISIONS:	DATE:

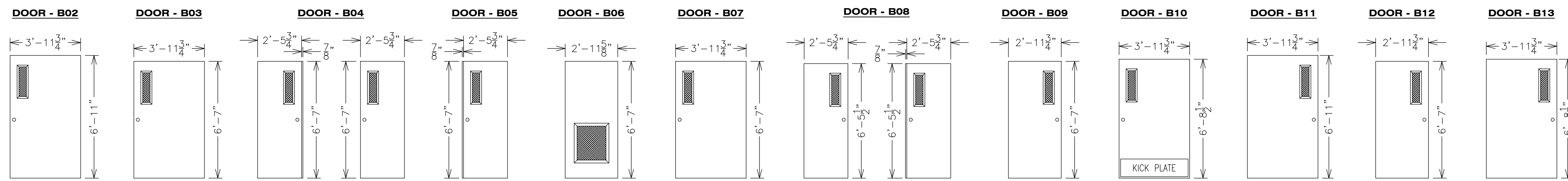
**NEW IBERIA RESEARCH CENTER
BUILDING 10B - 1ST FLOOR INTERIOR MODIFICATIONS**

UL PHYSICAL PLANT
THE UNIVERSITY OF LOUISIANA AT LAFAYETTE
P.O. BOX 43646
LAFAYETTE, LOUISIANA 70504



PROJECT NO.	SHEET:
DATE: APRIL 2026	A1.0
SCALE:	

NIRC-BLDG 10B 1ST FLR INTERIOR MODIFICATIONS

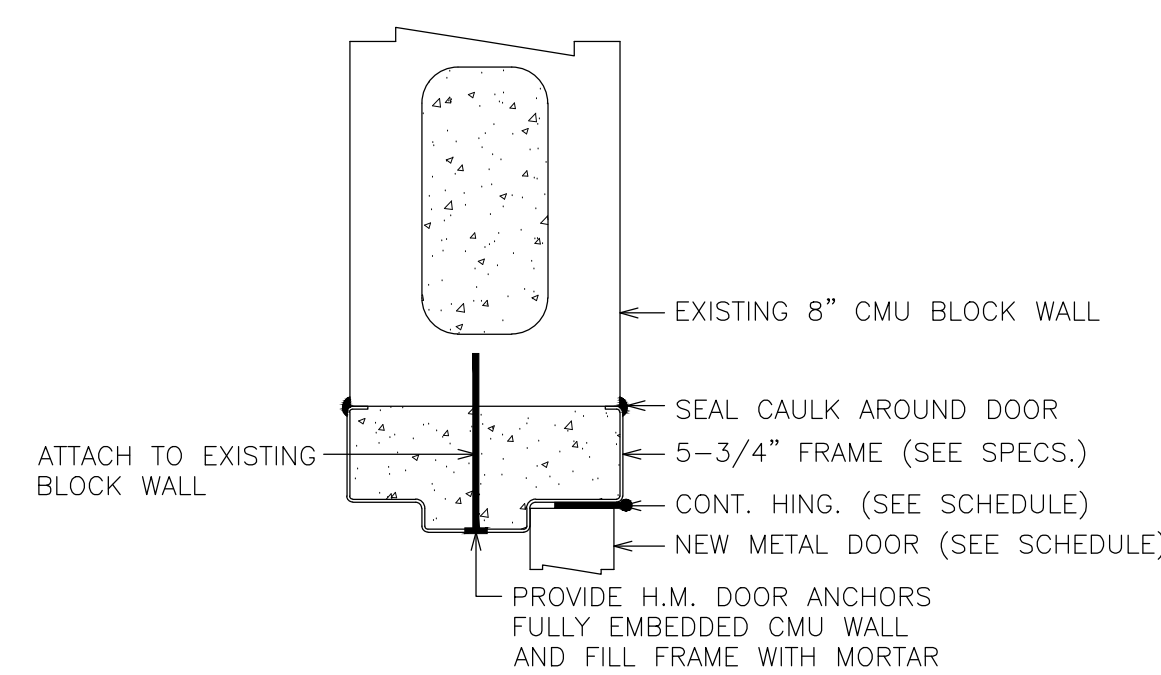


NIRC BUILDING 10B
(1/4" = 1'-0" SCALE)

EXISTING DOOR SIZING (Contractor shall verify all dimension-for information only) 1

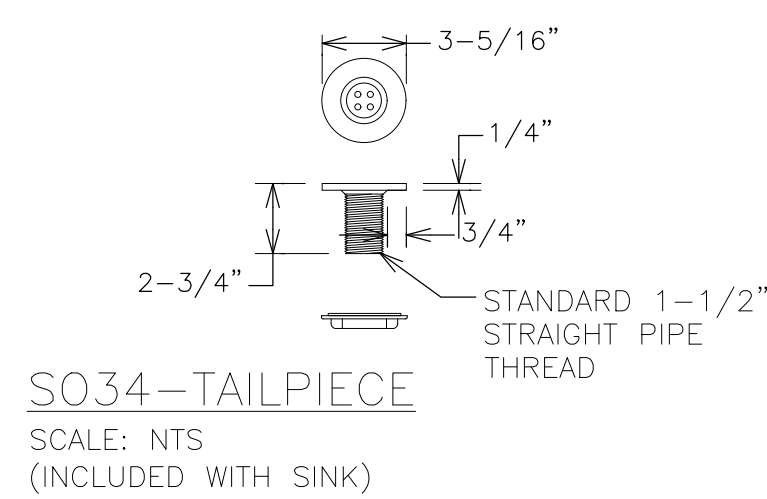
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GENERAL NOTES 2

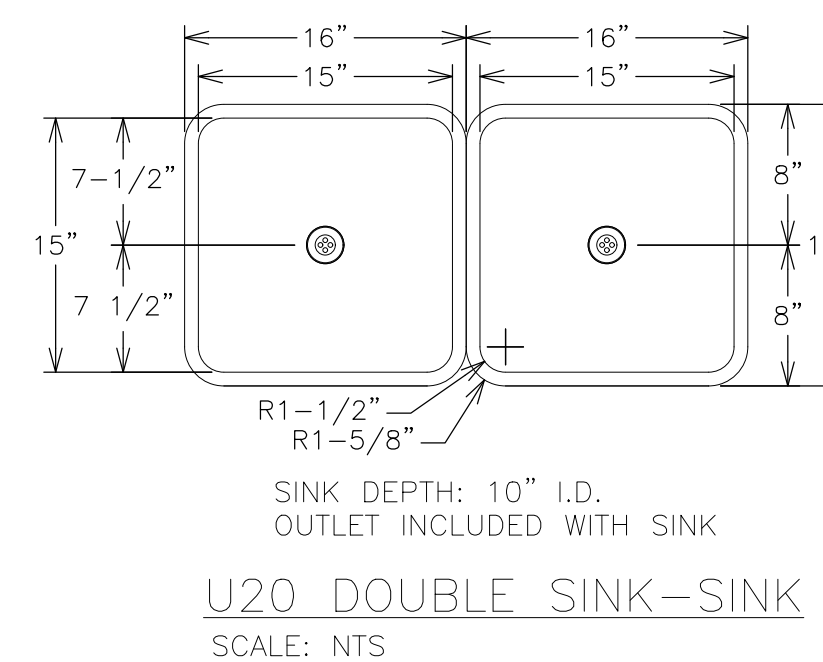


NIRC BUILDING 10B
(NO SCALE)

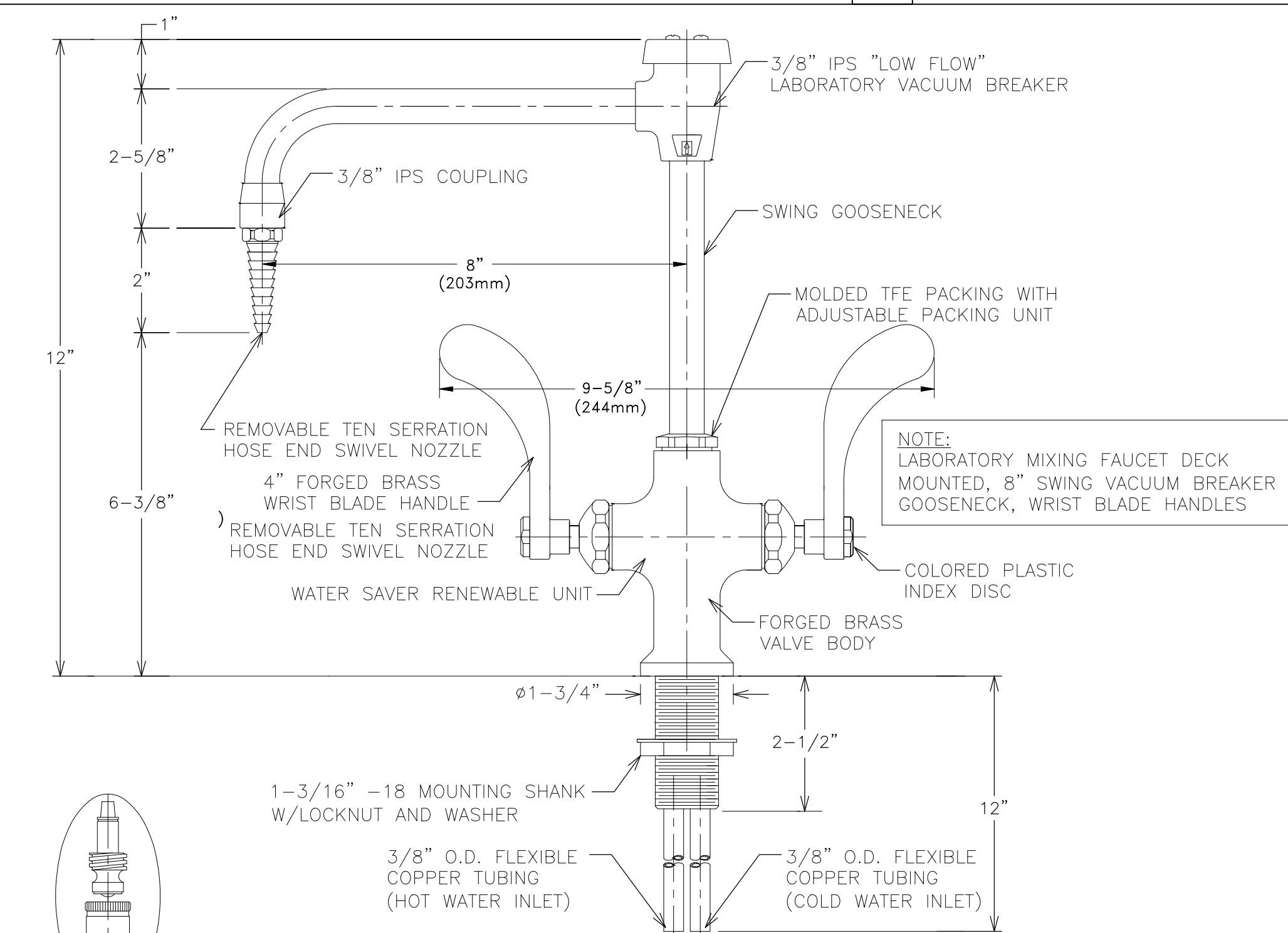
DOOR FRAME DETAIL 3



SINK TAILPIECE DETAIL 4

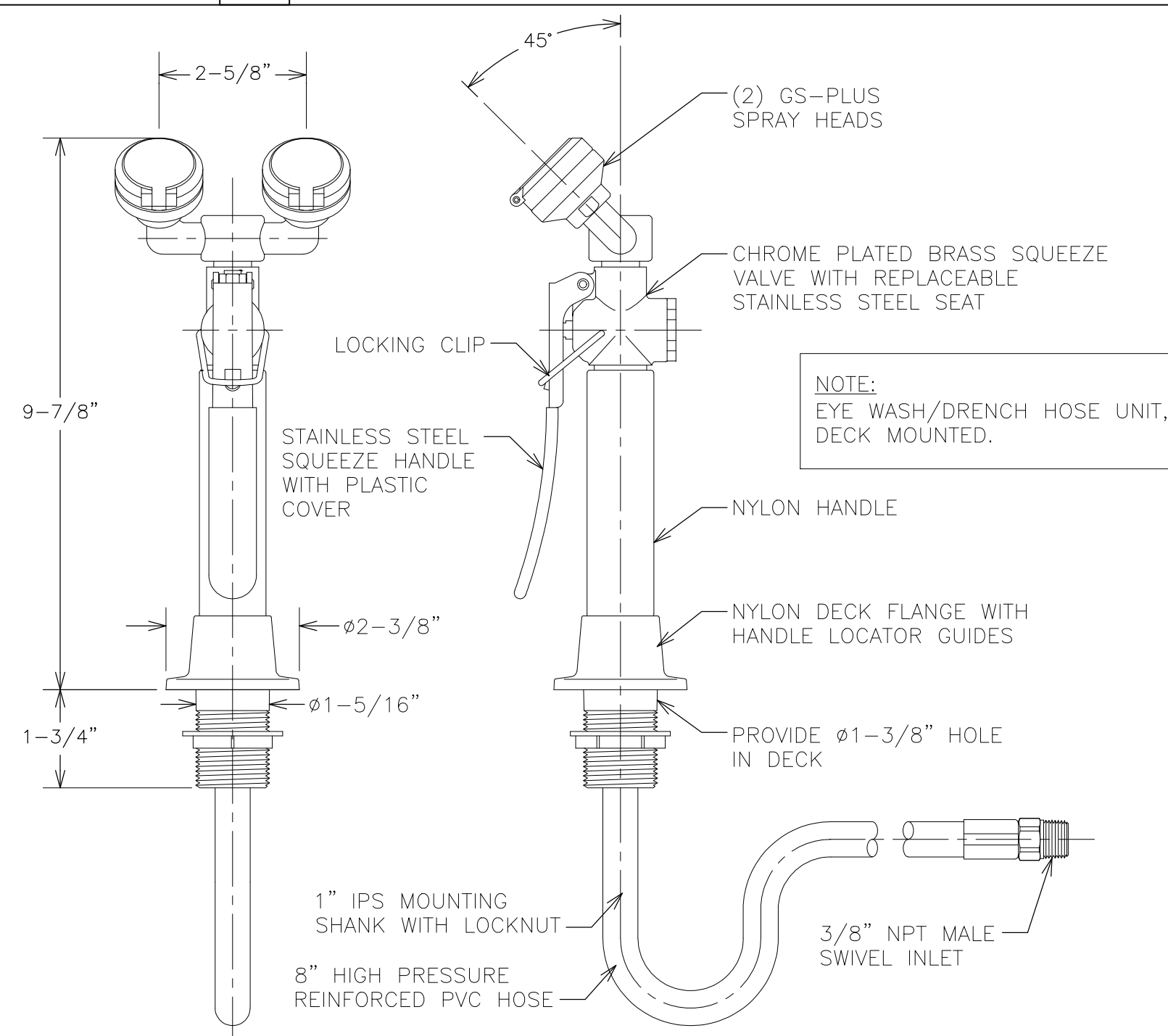


SINK DETAIL 5



VFL414-8VB-BH
SCALE: NTS

FAUCET DETAIL 6



59380-32
SCALE: NTS

UNITS (EXCEPT THOSE WITH SELF-CLOSING VALVES) TEST ALL EMERGENCY EQUIPMENT AT LEAST WEEKLY. COMPLY WITH THE REQUIREMENTS OF ANSI Z358.1 MEASUREMENTS MAY VARY +/- 1/4\"/>

EMERGENCY EYE WASH DETAIL 7

NA 8

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PROJECT NO. SHEET:
DATE: APRIL 2026 A1.2
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