ADDENDUM NO. 2 **February 28, 2025**

RE: **Pendleton County Fire Station**
2663 HWY US 27 N.
Falmouth, Kentucky 41040
Project No. 24056

FROM: **Brandstetter Carroll Inc.**
2360 Chauvin Drive
Lexington, Kentucky 40517
Phone 859-268-1933
Fax 859-268-3341

TO: **Plan Holders**

This addendum forms a part of the Construction Documents and modifies the original bidding documents dated January 24, 2025. Each bidder shall acknowledge receipt of this addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of five (5) pages, plus Attachments.

GENERAL:

1. Bids due.
    a. Thursday March 06, 2025.
    b. Bid Time: 2:00 p.m. local time.
    c. Location: Pendleton County Courthouse, 233 Main St # 1, Falmouth, KY 41040.
2. No REVIT or AUTOCAD Files will be given out during the Bidding Process. Drawing Files will be given only to the awarded contractor and sub-contractors after they are contracted with the owner and an Electronic Files Disclaimer has been signed by all contractors.
3. Interpretations, corrections, changes, answers to questions, etc., regarding the bid will be made via Addenda only. Any other manner will not be binding, and bidders shall not rely upon them.
4. General Structural Comment: Please note that there are two different foundation plans shown and it is important to understand the differences. The base bid foundation plan (Sheet S-101) allows for the installation and re-use of a pre-engineered building in the owner's possession. Under the base bid we are elevating the base of the existing building which will require the column piers and the walls the be raised as shown. The alternate #1 foundation plan (Sheet S-102) proposes a new pre-engineered building which allows for a more traditional foundation wall.

QUESTIONS AND ANSWERS:

1. Are we responsible for moving the metal building to the site?
    a. Yes.
2. Are we cleaning and painting existing steel?
    a. Yes.
3. Can you provide information on the oil/sand separator? Drawing C-105 note #1 says to refer to the pluming drawings for information on the oil interceptor. Drawing P101 Note

#4 say to refer to site plan.

   a. The oil/sand separator is to be Striem model number OT-500. Interceptor to be installed in accordance with all manufacturer's instructions and all local plumbing code. Refer to civil drawings for exact location and attached cut sheet.

4. The structural plans call for concrete walls 2' high, but A-1 on A310 appears to show a tall retaining wall section. Is this an error?

   a. Correct the structural plans call for a 2' high stem wall at the foundation. Detail A-1 on sheet A310 is through the concrete column above the foundation and finished floor.

5. The structural floor plan calls for the floor slab to be reinforced with #5 at 10" EA. Way , but it also says wwf over vapor barrier, do you want mesh and rebar in the service bays?

   a. Refer to Sheet S-101 (Base Bid Foundation Plan): The slab on grade for the apparatus bays shall be reinforced with #5 bars at 10" o.c.. Delete reference to welded wire fabric.

   b. Refer to Sheet S-102 (Alternate #1 Foundation Plan): The slab on grade for the apparatus bays shall be reinforced with #5 bars at 10" o.c.. Delete reference to welded wire fabric.

6. I noticed on the Architect plans that lockers are planned to be installed. Our Spec sheet does not indicate that we will be supplying them. Should we plan to estimate lockers as well?

   a. The lockers will be owner provided, and contractor installed, refer to attached cut sheet for the proposed lockers.

7. Overhead doors were also mentioned in the Architectural plans. Are we to supply those as an alternate? I counted 8 in total.

   a. The overhead sectional doors as shown on sheet A-601 are the base scope for overhead doors. Refer to specification section 083613.

   b. The four fold doors as shown on sheet A-101.1 are to be included in Alternate #01 only. Refer to specification section 083713.

   c. The glazed aluminum sectional doors as shown on sheet A-101.4 are to be included in Alternate #04 only. Refer to specification section 083613.

   d. The High-Speed Coiling doors as shown on sheet A-101.5 are to be included in Alternate #05 only. Refer to specifications section 083000.

8. S-101 detail E2-S301 calls for 1#6 @ 8" c/c. detail E1-S401 calls for 1-#5 @ 48" c/c, which is correct?

   a. Refer to Sheet S-301 (Section E1/S-301): The masonry wall reinforcing shall be #5 Bars at 16" o.c. in lieu of #6 bars @ 8" o.c.

   b. Refer to Sheet S-301 (Section E2/S-301): The masonry wall reinforcing shall be #5 Bars at 48" o.c. in lieu of #6 bars @ 8" o.c.

   c. Refer to Sheet S-301 (Section D4/S-301): The masonry wall dowels shall be #6 Dowels at 8" o.c. in lieu of #5 bars @ 16" o.c.. The vertical reinforcement in the concrete stem wall shall be #5 Bars at 8" o.c. in lieu of #5 Bars spaced at 16" o.c..

9. The Masonry Specifications calls for Bond Beams every 4' horizontally, but the drawings do not show this, what will be required?

a. Section 042000 Unit Masonry (Section 3.6 Masonry Joint Reinforcement Subsection E): The 8" bond beams shall be located as specifically shown on the Architectural and Structural Drawings in lieu of 48" o.c. noted in this subsection.

10. At the interior Stairs, the wall type is m 8-f which is a Splitface Block, is this correct? If it is correct, is it to be 2 faces of Splitface?
    a. The note is incorrect all CMU proposed on the interior is not to be split face, this is standard CMU.
11. There is several references to wall type M 8-1, there is not a schedule for this wall type, advise.
    a. Please refer to sheet A-002 for all partition types, M 8-1 is included.
12. The plans show Bullnosed corners and top for wall type M 4, Bullnose is not available on Splitface, please advise.
    a. That is correct, no bullnose will be required.
13. Can you provide a room finish schedule?
    a. All concrete floors are to be sealed concrete. Refer to specification section 099726.
    b. All interior walls to be painted. Refer to specification section 099123.
    c. All exposed ceilings to be painted. Refer to specification section 099123.
    d. Restroom 105 shower to receive wall and floor tile, refer to attached specification section 093013.
    e. Rubber base to be provided in the following rooms, Reception 100, Office 101, Fire Storage 102, Restroom 105, Decon 108, Radio Room 109, and Tool Room 107. Refer to attached specification section 096513.
14. Does the structure get painted?
    a. Yes.
15. Does the perimeter block get painted?
    a. No.
16. Primary Service from Utility Pole to Utility Transformer (E100 Note #1) calls out for (1) 2" conduit. Specs Vol. 3, Section 262001, 1.2 (B) calls for (2) 4" primary conduits from utility distribution source to the pad. Which should we bid by? Drawings or Specs?
    a. Primary conduit from utility pole to transformer to be (1) 2" per Owen Electric standards. Coordinate with Own Electric for exact installation requirements. Spec section 262001,1.2(B) to be revised to "Provide empty primary conduits from utility distribution source to the pad per local utility company standards. Provide concrete pad. Provide secondary ducts and cable. Provide a minimum of one spare secondary duct. Utility company will furnish and install the transformer and the primary cables, and will make service transformer connections."
17. Secondary Service from Utility Transformer to Meter (E100 Note #2) calls out for (1) 3" conduit. Specs Vol. 3, Section 262001, 1.2 (C) calls for (1) 2" empty underground conduit from utility transformer secondary compartment to the remote meter enclosure location. Then E501 (Single Line Diagram) shows 2 sets of (3) 250 KCMIL in 2"C each. Need this clarified for bidding purposes.

a. Contractor to provide (2) 2" conduits from utility transformer to meter base as indicated on single line diagram. Plane note #2 on E-001 and spec section 262001,1.2(c) to be revised accordingly.

18. E100 Note #14 calls out for (1) 3" conduit from telecom service location to telecom board in electrical room. Specs Vol. 3, Section 262001, 1.3 (A) calls out for (2) 4" empty conduits (privately owned) from telecom service location to telecom board. Need this clarified for bidding purposes.

    a. Contractor to install (2) 4" PVC conduits for telecom service entrance. Plan note #14 will be revised accordingly.

19. Specs Vol. 3, Section 262001, 1.4 (A) calls out for (2) 4" empty conduits (privately owned), with drag lines, from the building CATV plywood to outdoor utility service pole. These are not shown on any of the notes on E100. Are these needed? Need clarification for bidding purposes.

    a. This section can be disregarded. The owner has not expressed any need for additional CATV services other than telecom. Anything additional from the single telecom service (fiber or DSL) can utilize the spare 4" conduit.

20. Has the existing PEMB been reclassified for a firehouse use?

    a. Yes, the PEMB building has been classified as a type II construction.

21. Drawing sheet C-102 shows dimensions that do not match noted curb details. Coded Note # 11 say refer to Detail C3/501 which shows a 2' Mountable Curb. In General Notes indicated by an * it states, All curb not designated see Standard Curb Detail C2/C-501. This is also a 2' Curb & Gutter.

    a. Yes, The curb is 6" the curb and gutter is 2'. The face and back of curb lines are what are shown in the drawing. So, yes, 2' offset from back of curb is concrete. That is the configuration to be used for estimating.

22. Are we to provide the gear lockers?

    a. No, they will be purchased by owner and contractor installed, please refer to attached cut sheet.

23. What is the projected start –finish of the project?

    a. The time of completion of this project is 310 days.

24. Will this project have liquidated damages? If so, what will they be?

    a. $700.00 per day.

25. Is there an existing PEMB building being reused?

    a. Yes.

26. Does the building need to be disassembled & brought to the site?

    a. No the PEMB structure has been disassembled and stored by the County.

27. Is the building being stored somewhere?

    a. Yes, it is currently being stored at the Pendleton County Road Department.

28. Is the proposed site across the street from Empire Gas?

    a. Yes.

29. Clarifications on proposed equipment:

a. Decon Room #108 – the Gear Dryer and Gear Washer will be owner provided and installed. Contractor to provide MEP infrastructure per construction documents.

b. SCBA Room #106 – the Cascade system will be owner provided and installed. Contractor to provide MEP infrastructure per construction documents.

c. Fire Storage Room #102 – the microwave and refrigerator will be owner provided and installed. Contractor to provide MEP infrastructure per construction documents.

30. Will there be any Special Inspections required for the Pendleton County Fire station?

    a. Yes these are required per specifications.

CHANGES TO SPECIFICATIONS:

1. 262001 Low voltage service entrances, section 1.2(B) to be revised to, "Provide empty primary conduits from utility distribution source to the pad per local utility company standards. Provide concrete pad. Provide secondary ducts and cable. Provide a minimum of one spare secondary duct. Utility company will furnish and install the transformer and the primary cables and will make service transformer connections."
2. 262001 Low voltage service entrances, section .2(c), Contractor to provide (2) 2" conduits from utility transformer to meter base as indicated on single line diagram. Plane note #2 on E-001 and spec section 262001,1.2(c) to be revised accordingly.
3. 262001Low voltage service entrances, section 1.4 (A) calls out for (2) 4" empty conduits (privately owned). This section can be disregarded. The owner has not expressed any need for additional CATV services other than telecom. Anything additional from the single telecom service (fiber or DSL) can utilize the spare 4" conduit.
4. Section 042000 Unit Masonry (Section 3.6 Masonry Joint Reinforcement Subsection E): The 8" bond beams shall be located as specifically shown on the Architectural and Structural Drawings in lieu of 48" o.c. noted in this subsection.
5. Section 015000 Temporary Facilities and Controls calls for a furnished office for the owner, this is not required.

END OF ADDENDUM NO. 2

SPECIFICATIONS

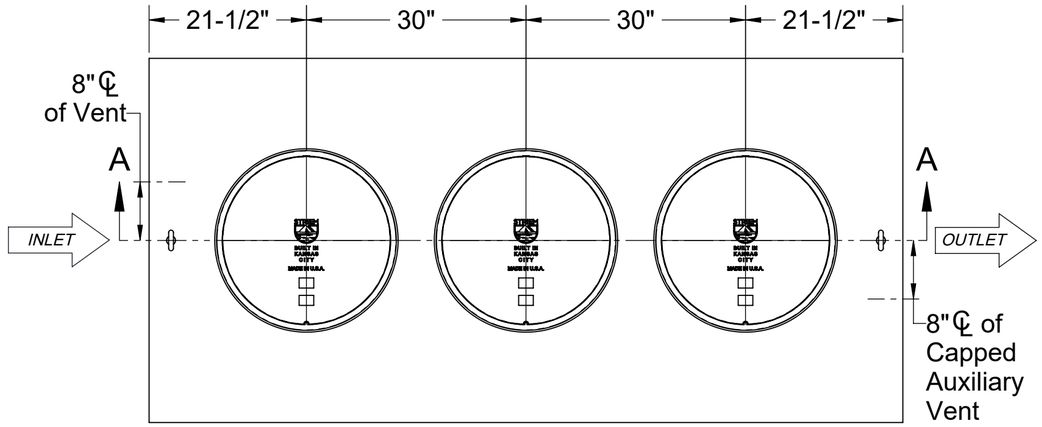
1. 6" Plain End inlet/outlet shown, 3" Plain End vents standard.
2. Max flow rate: 314 GPM.
3. Liquid capacity: 562 gallons (75 cu. ft.).
4. Oil capacity: 285 gallons.
5. Solids capacity: 162 gallons.
6. Unit weight: 1025 lbs.
7. Maximum operating temperature 140°F continuous.

NOTES

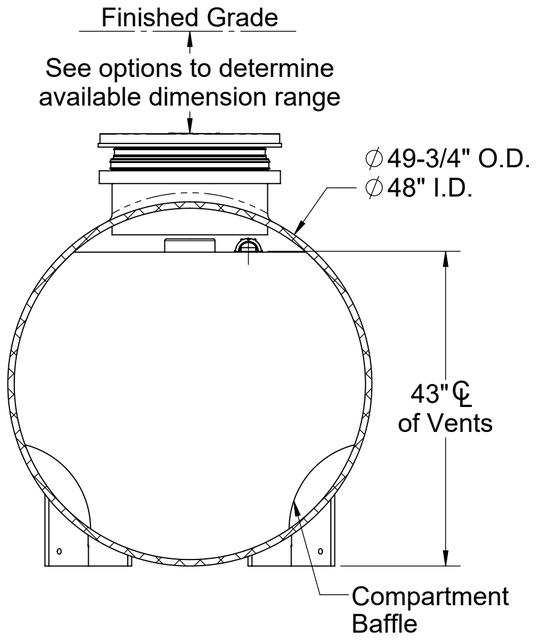
1. For gravity drainage applications only.
2. Do not use for pressure applications.
3. Capped auxiliary vent provided to allow flexibility with vent piping and design. Provided cap can be moved to unused vent location, or discarded if two chamber vents are required per local code.
4. Cover placement allows full access to tank for proper maintenance.
5. Lifting lug set for easy install.
6. Maximum burial depth: 106" from standard cover height.

ENGINEER SPECIFICATION GUIDE

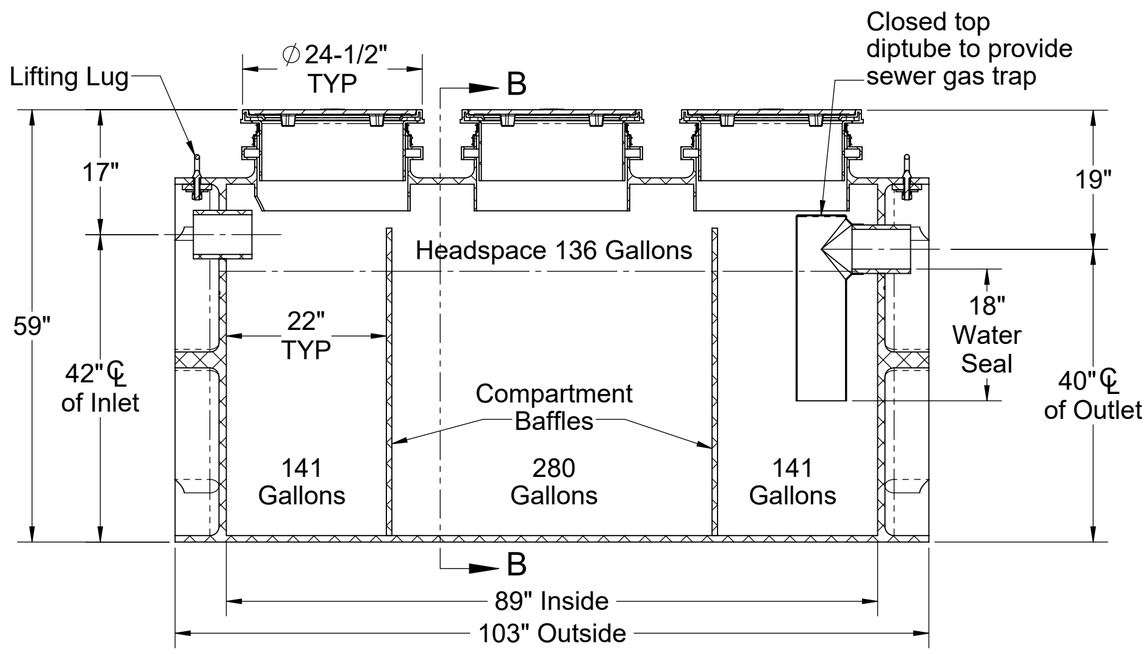
Striem oil separator model OT-500 shall be lifetime guaranteed and made in the USA. Separator shall be constructed of polyethylene with 7/8" nominal wall thickness. Separator shall be manufactured for below-grade installation. Field-adjustable riser system is available as an option to bring manhole covers to grade. Separator flow rate shall be 314 GPM. Separator liquid holding capacity shall be 562 gallons and oil capacity shall be 285 gallons. Solids capacity shall be 162 gallons. Covers shall be H20 rated pickable cast iron. Separator shall be certified to IAPMO IGC 183-2016 and carry a UPC listing.



TOP VIEW



SECTION B-B



SECTION A-A

OPTIONS

Connection Options (Plain End Only)

Inlet / Outlet

- ☐ 4"
- ☐ 6"
- ☐ 8"

SELECTION REQUIRED

Riser Options

From Factory: Up to 5"

- ☐ Up to 24": **SR24** (3)
- ☐ Up to 39": **LR24** (3)
- ☐ Up to 43": **SR24** (6)
- ☐ Up to 58": **SR24** (3) + **LR24** (3)
- ☐ Up to 72": **LR24** (6)
- ☐ Up to 90": **SR24** (3) + **LR24** (6)
- ☐ Up to 106": **LR24** (9)

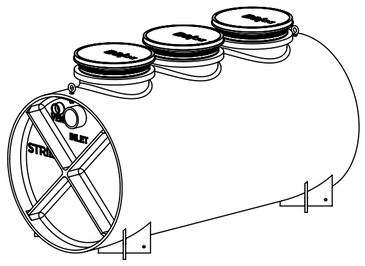
- OR -

☐ **CPRK** (3): 11" - 106"
(See specification for more detail.)

Additional Options

- ☐ **HDK-3**: High Water Table Hold Down Kit
- ☐ **SS**: Slick Stick™ Oil Level Monitoring System*

*Monitoring system will raise covers by 3".



UPC®

PO IS NON-CANCELABLE ORDER IS NON-RETURNABLE

MODEL NUMBER:	OT-500		
DESCRIPTION:	OIL TANKER™ POLYETHYLENE OIL SEPARATOR 562 GALLON CAPACITY		
DWG BY: ENG	**DATE:** 1/23/2025	**REV:** 1	

SPECIFICATION SHEET

Striem
Kansas City, KS
Tel: 913-222-1500
orders@striemco.com
www.striemco.com

Made in the U.S.A

STRIEM

SECTION 093013 - TILING

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:
   1. Porcelain tile.
   2. Waterproof membrane for thinset applications.
   3. Crack isolation membrane.
   4. Metal edge strips.

1.2 ACTION SUBMITTALS

A. Product Data: For each type of product.

B. Samples:
   1. Each type and composition of tile and for each color and finish required.
   2. Assembled samples mounted on a rigid panel, with grouted joints, for each type and composition of tile and for each color and finish required.

1.3 INFORMATIONAL SUBMITTALS

A. Qualification Data: For Installer.

1.4 MAINTENANCE MATERIAL SUBMITTALS

A. Furnish extra materials that match and are from same production runs as products installed and that are packaged with protective covering for storage and identified with labels describing contents.
   1. Tile and Trim Units: Furnish quantity of full-size units equal to 3 percent of amount installed for each type, composition, color, pattern, and size indicated.

PART 2 - PRODUCTS

2.1 PRODUCTS, GENERAL

A. ANSI Standards for Tile Installation Materials: Provide materials complying with ANSI A108.02, ANSI standards referenced in other Part 2 articles, ANSI standards referenced by TCNA installation methods specified in tile installation schedules, and other requirements specified.

2.2 TILE PRODUCTS

A. Porcelain Tile: Basis of Design Manufacturer: Fray by Atlas Concorde USA or approved equal by one of the following
   a. Florida Tile
   b. Portobello Tile
   c. American Olean
   d. Crossville
2. Composition: Colorbody Glazed Porcelain
3. Certification: Porcelain tile certified by the Ceramic Tile Certification Agency.
4. Size: 12” x 24” shower walls, and 2” x 2” mosaic shower floor.
5. Thickness: 9 mm
6. Edge: Rectified
7. Surface: Slip Resistant
8. Dynamic Coefficient of Friction: Not less than 0.40.
9. Color: As selected by Architect from manufacturer's full range.
10. Grout Color: As selected by Architect from manufacturer's full range.

2.3 THRESHOLDS

A. Basis of design: Schluter Reno-U for transitions between adjacent floor finishes.

2.4 WATERPROOF MEMBRANE

A. General: Manufacturer's standard product, selected from the following, that complies with ANSI A118.10 and is recommended by the manufacturer for the application indicated. Include reinforcement and accessories recommended by manufacturer.
   1. Fabric-Reinforced, Fluid-Applied Membrane: System consisting of liquid-latex rubber or elastomeric polymer and continuous fabric reinforcement
   2. Fluid-Applied Membrane: Liquid-latex rubber or elastomeric polymer.

2.5 CRACK ISOLATION MEMBRANE

A. General: Manufacturer's standard product, selected from the following, that complies with ANSI A118.12 for high performance and is recommended by the manufacturer for the application indicated. Include reinforcement and accessories recommended by manufacturer.
   1. Fabric-Reinforced, Fluid-Applied Membrane: System consisting of liquid-latex rubber or elastomeric polymer and continuous fabric reinforcement
   2. Fluid-Applied Membrane: Liquid-latex rubber or elastomeric polymer.
   3. Per TCNA detail F125 partial method membrane will be accepted.

2.6 SETTING MATERIALS

A. Manufacturers: Subject to compliance with requirements, provide products from the manufacturers listed that are comparable to products listed for each type:
   All setting materials should be supplied from a single source manufacturer.
   1. TEC

2. Laticrete
3. Custom Building Products

B. Mortar
1. For wall applications, provide nonsagging mortar.
2. Basis of Design is TEC -3N1

2.7 GROUT MATERIALS

A. Tile Grout:
1. Basis of Design Manufacturer: Power Grout, as required by tile type.
2. Color to be determined by architect from full line of manufacturer colors.

2.8 MISCELLANEOUS MATERIALS

A. Trowelable Underlayments and Patching Compounds: Latex-modified, portland cement-based formulation provided or approved by manufacturer of tile-setting materials for installations indicated.

B. Metal Edge Strips: Angle or L-shape, height to match tile and setting-bed thickness, metallic, designed specifically for flooring and wall applications; ASTM A 666, 300 Series exposed-edge material.
1. Basis of Design is Schluter JOLLY anodized aluminum.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates, areas, and conditions where tile will be installed, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of the Work.
1. Verify that substrates for setting tile are firm; dry; clean; free of coatings that are incompatible with tile-setting materials, including curing compounds and other substances that contain soap, wax, oil, or silicone; and comply with flatness tolerances required by ANSI A108.01 for installations indicated.
2. Verify that concrete substrates for tile floors installed with mortar bed comply with surface finish requirements in ANSI A108.01 for installations indicated.

B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

A. Fill cracks, holes, and depressions in concrete substrates for tile floors installed with mortar with trowelable leveling and patching compound specifically recommended by tile-setting material manufacturer.

B. Where indicated, prepare substrates to receive waterproofing by applying a reinforced mortar bed that complies with ANSI A108.1A and is sloped 1/8 inch per foot toward drains.

C. Blending: For tile exhibiting color variations, verify that tile has been factory blended and packaged so tile units taken from one package show same range of colors as those taken from other packages and match approved Samples. If not factory blended, either return to manufacturer or blend tiles at Project site before installing.

3.3 TILE INSTALLATION

A. Comply with TCNA's "Handbook for Ceramic, Glass, and Stone Tile Installation" for TCNA installation methods specified in tile installation schedules. Comply with parts of the ANSI A108 series "Specifications for Installation of Ceramic Tile" that are referenced in TCNA installation methods, specified in tile installation schedules, and apply to types of setting and grouting materials used.
   1. Follow procedures in the ANSI A108 series of tile installation standards for providing 95 percent mortar coverage:

B. Extend tile work into recesses and under or behind equipment and fixtures to form complete covering without interruptions unless otherwise indicated. Terminate work neatly at obstructions, edges, and corners without disrupting pattern or joint alignments.

C. Accurately form intersections and returns. Perform cutting and drilling of tile without marring visible surfaces. Carefully grind cut edges of tile abutting trim, finish, or built-in items for straight aligned joints. Fit tile closely to electrical outlets, piping, fixtures, and other penetrations so plates, collars, or covers overlap tile.

D. Provide manufacturer's standard trim shapes where necessary to eliminate exposed tile edges.

E. Where accent tile differs in thickness from field tile, vary setting bed thickness so that tiles are flush.

F. Jointing Pattern: Lay tile in grid pattern unless otherwise indicated. Lay out tile work and center tile fields in both directions in each space or on each wall area. Lay out tile work to minimize the use of pieces that are less than half of a tile. Provide uniform joint widths unless otherwise indicated.

G. Joint Widths: Unless otherwise indicated, install tile with the following joint widths:
   1. Porcelain Tile: 1/8 inch.

H. Expansion Joints: Provide expansion joints and other sealant-filled joints, including control, contraction, and isolation joints, where indicated. Form joints during installation of setting materials, mortar beds, and tile. Do not saw-cut joints after installing tiles.
   1. Where joints occur in concrete substrates, locate joints in tile surfaces directly above them.

I. Metal Edge Strips: Install at locations indicated and where exposed edge of tile flooring meets carpet, wood, or other flooring that finishes flush with top of tile.

J. Grout Sealer: Apply grout sealer to cementitious grout joints in tile floors according to grout-sealer manufacturer's written instructions. As soon as grout sealer has penetrated grout joints, remove excess sealer and sealer from tile faces by wiping with soft cloth. This is only needed if other grouts are used in lieu of the basis of design.

K. Install panels and treat joints according to ANSI A108.11 and manufacturer's written instructions for type of application indicated. Use latex-portland cement mortar for bonding material unless otherwise directed in manufacturer's written instructions.

L. Install waterproofing to comply with ANSI A108.13 and manufacturer's written instructions to produce waterproof membrane of uniform thickness that is bonded securely to substrate.

M. Install crack isolation membrane to comply with ANSI A108.17 and manufacturer's written instructions to produce membrane of uniform thickness that is bonded securely to substrate.

N. At any change of plane use a soft joint to match the grout color.

END OF SECTION 093013

SECTION 096513 - RESILIENT BASE AND ACCESSORIES

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Resilient base.
2. Resilient molding accessories.

1.2 ACTION SUBMITTALS

A. Product Data: For each type of product.

B. Samples: For each exposed product and for each color and texture specified, not less than 12 inches long.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

A. FloorScore Compliance: Resilient base shall comply with requirements of FloorScore certification.

2.2 THERMOPLASTIC-RUBBER BASE

A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
1. Armstrong World Industries, Inc.
2. Flexco.
3. Johnsonite; A Tarkett Company.
4. Mondo Rubber International, Inc.
5. Roppe Corporation, USA.

B. Product Standard: ASTM F 1861, Type TP (rubber, thermoplastic).

1. Group: I (solid, homogeneous)
2. Style and Location:
   a. Style B, Cove: Provide in areas with resilient flooring.

C. Thickness: 0.125 inch.

D. Height: 4 inches.

E. Lengths: Coils in manufacturer's standard length.

F. Outside Corners: Preformed.

G. Inside Corners: Preformed.

H. Colors: As selected by Architect from full range of industry colors

2.3 RUBBER MOLDING ACCESSORY

A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

1. Roppe Corporation, USA.
2. VPI, LLC, Floor Products Division.

B. Description: Rubber transition strips.

C. Locations: Provide rubber molding accessories in areas where dissimilar material intersections occur.

D. Colors and Patterns: As selected by Architect from full range of industry colors.

2.4 INSTALLATION MATERIALS

A. Trowelable Leveling and Patching Compounds: Latex-modified, portland cement based or blended hydraulic-cement-based formulation provided or approved by resilient-product manufacturer for applications indicated.

B. Adhesives: Water-resistant type, low VOC, recommended by resilient-product manufacturer for resilient products and substrate conditions indicated.

PART 3 - EXECUTION

3.1 PREPARATION

A. Prepare substrates according to manufacturer's written instructions to ensure adhesion of resilient products.

B. Concrete Substrates for Resilient Stair Accessories: Prepare horizontal surfaces according to ASTM F 710.

1. Verify that substrates are dry and free of curing compounds, sealers, and hardeners.
2. Remove substrate coatings and other substances that are incompatible with adhesives and that contain soap, wax, oil, or silicone, using mechanical methods recommended by manufacturer. Do not use solvents.

3. Alkalinity and Adhesion Testing: Perform tests recommended by manufacturer. Proceed with installation only after substrate alkalinity falls within range on pH scale recommended by manufacturer in writing, but not less than 5 or more than 9 pH.
4. Moisture Testing: Proceed with installation only after substrates pass testing according to manufacturer's written recommendations, but not less stringent than the following:
    a. Perform relative humidity test using in situ probes according to ASTM F 2170. Proceed with installation only after substrates have maximum 75 percent relative humidity level.

C. Fill cracks, holes, and depressions in substrates with trowelable leveling and patching compound; remove bumps and ridges to produce a uniform and smooth substrate.

D. Do not install resilient products until they are the same temperature as the space where they are to be installed.

E. Immediately before installation, sweep and vacuum clean substrates to be covered by resilient products.

3.2 RESILIENT BASE INSTALLATION

A. Comply with manufacturer's written instructions for installing resilient base.

B. Apply resilient base to walls, columns, pilasters, casework and cabinets in toe spaces, and other permanent fixtures in rooms and areas where base is required.

C. Install resilient base in lengths as long as practical without gaps at seams and with tops of adjacent pieces aligned.

D. Tightly adhere resilient base to substrate throughout length of each piece, with base in continuous contact with horizontal and vertical substrates.

E. Do not stretch resilient base during installation.

F. On masonry surfaces or other similar irregular substrates, fill voids along top edge of resilient base with manufacturer's recommended adhesive filler material.

G. Preformed Corners: Install preformed corners before installing straight pieces.

3.3 RESILIENT ACCESSORY INSTALLATION

A. Comply with manufacturer's written instructions for installing resilient accessories.

B. Resilient Molding Accessories: Butt to adjacent materials and tightly adhere to substrates throughout length of each piece. Install reducer strips at edges of floor covering that would otherwise be exposed.

3.4 CLEANING AND PROTECTION

A. Comply with manufacturer's written instructions for cleaning and protecting resilient products.

B. Floor Polish: Remove soil, visible adhesive, and surface blemishes from resilient stair treads before applying liquid floor polish.

1. Apply three coat(s).

C. Cover resilient products subject to wear and foot traffic until Substantial Completion.

END OF SECTION 096513

Gear Lockers - Wall Mounted 24"x24"

WASH • DRY • STORE • PROTECT

Red Rack Wall Mounted Rack

ITEM# RRWM - (Number of Compartments)
18, 20 or 24

ASSEMBLY INSTRUCTIONS & PARTS LIST

2021-1

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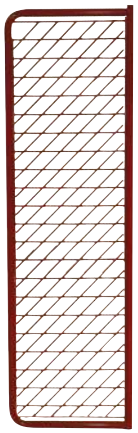
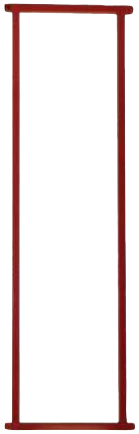
PARTS

Gear Lockers - Wall Mounted 24"x24"



Divider panel
(DP-20)



Back frame
(BF – 18, 20 or 24)

Panel end cap
(PEC)

End cap
(ECP)

Hanging hook
(HWGR)

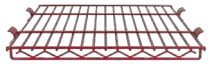
Wall mount kit
(WMK)

Label holder
(LAB)

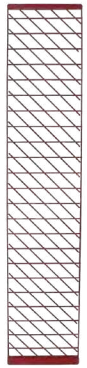
End plugs
(EPS)

OPTIONAL PARTS *(Not included)*

Glove hanger
(GDH)



Top security shelf
(SS-18, 20 or 24)



Rear security panel
(SP-18,20 or 24)

Security door
(RD-18,20 or 24)

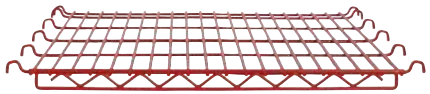
HLBS

Helmet holder
(HH)

Dry Kwik Hanger
DKH - (open or closed loop)

Hanging pole
(HP – 18, 20 or 24)

Bunker pant hook
(BPH)



Helmet/boot shelf
(HBS – 18, 20 or 24)

ALL PARTS SHOWN BELOW:
- Divider panel - DP-20
- Hanging hook - HWGR
- Panel end cap - PEC
- End cap - ECP
- Back frame - BF-18,20 or 24
- Label holder - LAB
- Wall mount kit - WMK
- End plugs - EPS
- Hanging pole - HP - 18,20 or 24
- Helmet/boot shelf - HBS - 18,20 or 24

TOOLS NEEDED:
- Measuring Tape
- Level
- 3/8” Drill Bit
- Power Drill
- 9/16” Wrench

Hardware to secure lockers to the wall, not included

OPTIONAL PARTS: *(Not included)*
- Security door - RD-18,20 or 24
- Rear security panel - SP-18,20 or 24
- Top security shelf - SS-18, 20 or 24
- Helmet holder - HH
- Glove hanger - GDH
- Dry Kwik Hanger- DKH- (open or closed)

VIDEO TUTORIAL:
- URL: www.youtube.com/user/readyrack
- Click “Videos” tab to find the video: Wall Mounted Red Rack Assembly Guide or copy and paste this link into your browser: **https://www.youtube.com/watch?v=0WoJ1wYGabo**