



## TECHNICAL SPECIFICATIONS

### **BIDDING PACKAGE SHALL INCLUDE:**

ARCHITECTURAL DRAWINGS: CARYN PAIGE, ARCHITECT  
STRUCTURAL DRAWINGS/CALCS: APB CONSULTING STRUCTURAL ENGINEERS  
(EXISTING METAL BUILDING MODIFICATIONS), ADAM BRONNENKANT, P.E.  
WESTERN TECHNOLOGIES: GEOTECH REPORT #2122JP123, DATED 8/16/22  
MECHANICAL PLUMBING AND ELECTRICAL: ASSOCIATED MECHANICAL ENGINEERS  
CIVIL ENGINEERING: CEC CIVIL & ENVIRONMENTAL CONSULANTS, INC.  
SCALE FOUNDATION: AVERY WEIGH-TRONIX, PLAN AND SPECIFICATIONS  
PNEUMATIC SYSTEM: EAGLE PNEUMATIC, INC.  
**PAYMENT KIOSK: OLEA KIOSKS, PLAN AND SPECIFICATIONS (NOT YET  
DETERMINED)**

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**IN ADDITION:**

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**SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR STRUCTURAL SPECIFICATIONS  
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**SEE CIVIL FOR SITE WORK REQUIREMENTS**

**RUSSELL GULCH LANDFILL, GLOBE  
NEW OFFICES, SCALE HOUSE AND SCALES**

**DEMOLITION: NOT APPLICABLE**

**CONSTRUCTION AREA**

During construction, removal of debris throughout the course of the construction, the contractor shall maintain all building egress paths, parking area access and keep clean of any debris and dust that might be hazards.

Contractor to restore or repair any damaged floors, walls, ceilings, sidewalks, curbs, utilities, etc. damaged by the contractor, or his subcontractors, during construction. The Owner to review repair work with the Contractor and approve prior to final acceptance and payment.

To minimize impact and disruption of business in the Gila County Landfill, offices, scales and parking area, the Contractor is to confine all work to the project area for his own storage and staging. Coordinate with the Owner as to parking and delivery areas to be used.

All work shall be contained within the limits of the area identified for construction. All materials, equipment, vehicles, personnel, etc. shall be limited to the boundaries of the area shown. Contractor shall secure the site area, providing for the protection of the public, employees and other county facilities / vehicles on adjacent parcels.

**SUBMITTALS REQUIRED:**

**Drawings and/or Engineering**

**Millwork:**

Provide manufacturer's shop drawings and details for review and approval, prior to doing the work. Also provide color samples for both cabinets and countertops.

**Final Door Hardware Schedule:**

Provide door hardware listing by door number, as noted on the drawings, for review and approval, prior to ordering.

**Door/Window Units:**

Provide manufacturer's shop drawings and details for review and approval, prior to doing the work. Compatibility with Keycard Access System where required.

**Color selection only**

Resilient Wall Base  
Resilient Vinyl Corner Bumper Guards: To match wall paint color.  
FRP panels and trim  
LVT tile colors and styles  
Carpet  
Cultured Stone (Type and color)

**SUBSTITUTION REQUESTS:**

All requests for substitution must be submitted no later than 2 weeks prior to the Bid Opening date. Submittals shall include complete manufacture's data and information to show conformance with the Technical Specifications and product specified. Shall include color samples.

**RUSSELL GULCH LANDFILL, GLOBE  
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**ROUGH CARPENTRY**

All lumber shall be rated, graded and stamped, identified as such, in accordance with the currently adopted version of the IBC and consistent with the Bid Documents.

**WALL FRAMING:**

All interior, non-load bearing walls shall be a minimum 2x6 Doug Fir #2 or better, at 16" O.C., unless noted otherwise on the drawings. Plumbing walls shall be a minimum 2x6.

Headers: All non-bearing wall headers to be (2) 2x8 Doug Fir #2 or better for spans up to 8'. All bearing wall headers to be a minimum (2) 2x10 Doug Fir #2 or better for spans up to 6', unless noted otherwise.

All exterior walls shall be a minimum 2x6 Doug Fir #2 or better, at 16" O.C., to be continuous sheathed w/ 3/8" OSB minimum, shear nailed 12" O.C. field, 6" O.C. edges.

All wood in contact with masonry/concrete shall be pressure treated ACQ type.

All wood framing Furring Strips @ masonry walls: 2x4 Pressure treated wood @ 2' O.C.

**FIRE BLOCKING:**

Fireblocking shall be provided to cut off all concealed draft openings (both vertical and horizontal) and to form an effective barrier between stories. Fireblocking shall be provided in wood-frame construction in the following locations:

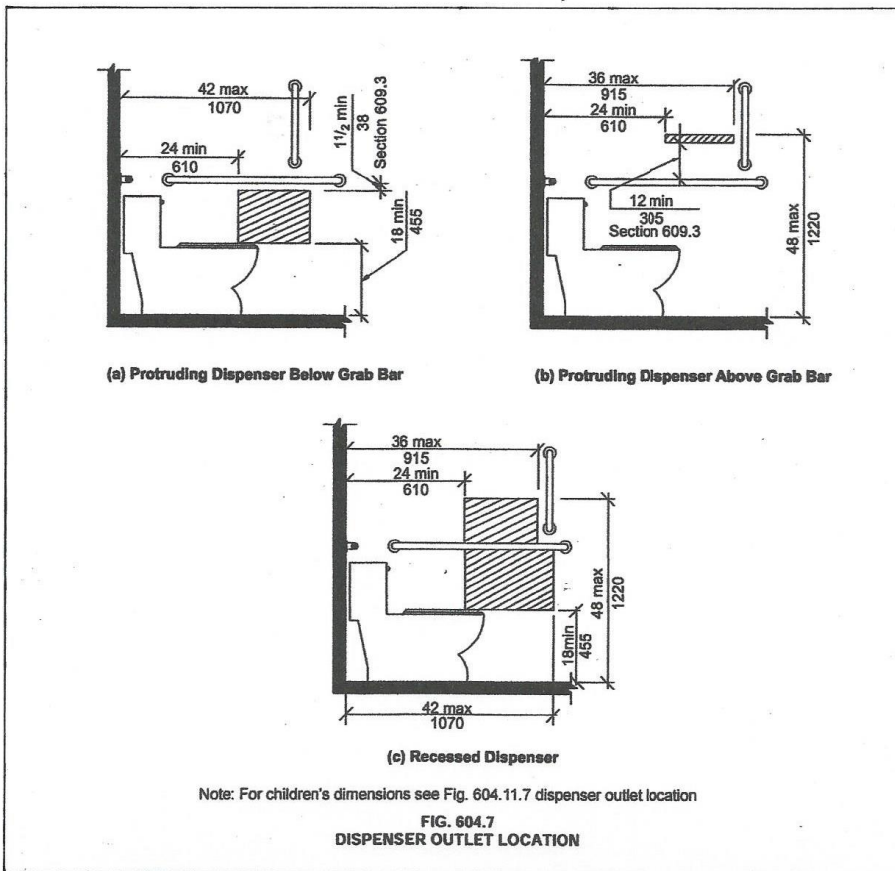
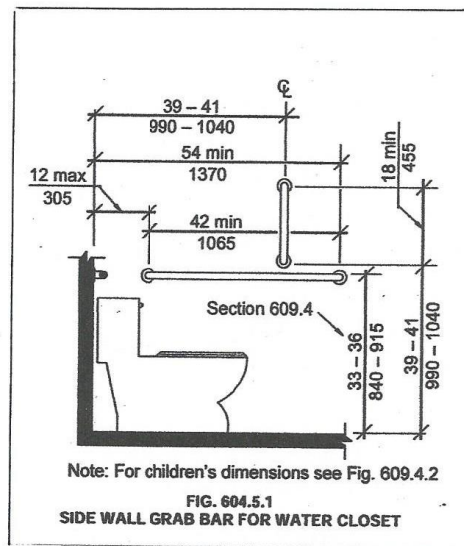
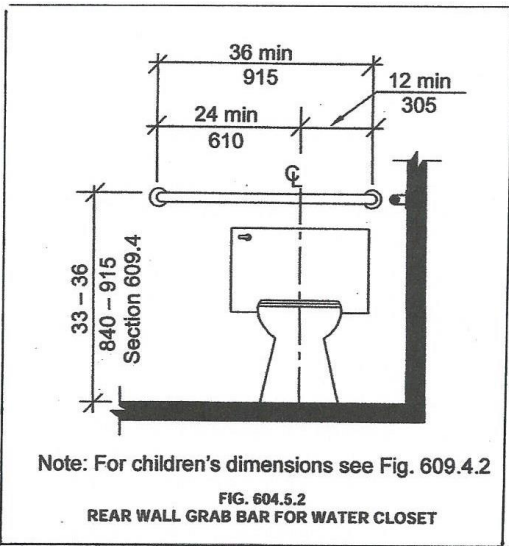
- Stud walls and partitions, including furred spaces and parallel rows of studs or staggered studs: Vertically at the ceiling and floor levels, and Horizontally at intervals not exceeding 10'
- At all interconnections between concealed vertical and horizontal spaces such as occur at soffits, drop ceilings and cove ceilings.
- At openings around vents, pipes, and ducts at ceiling and floor level, with and approved material to resist the free passage of flame and products of combustion.

**SEE ROOF FRAMING PLAN FOR:**

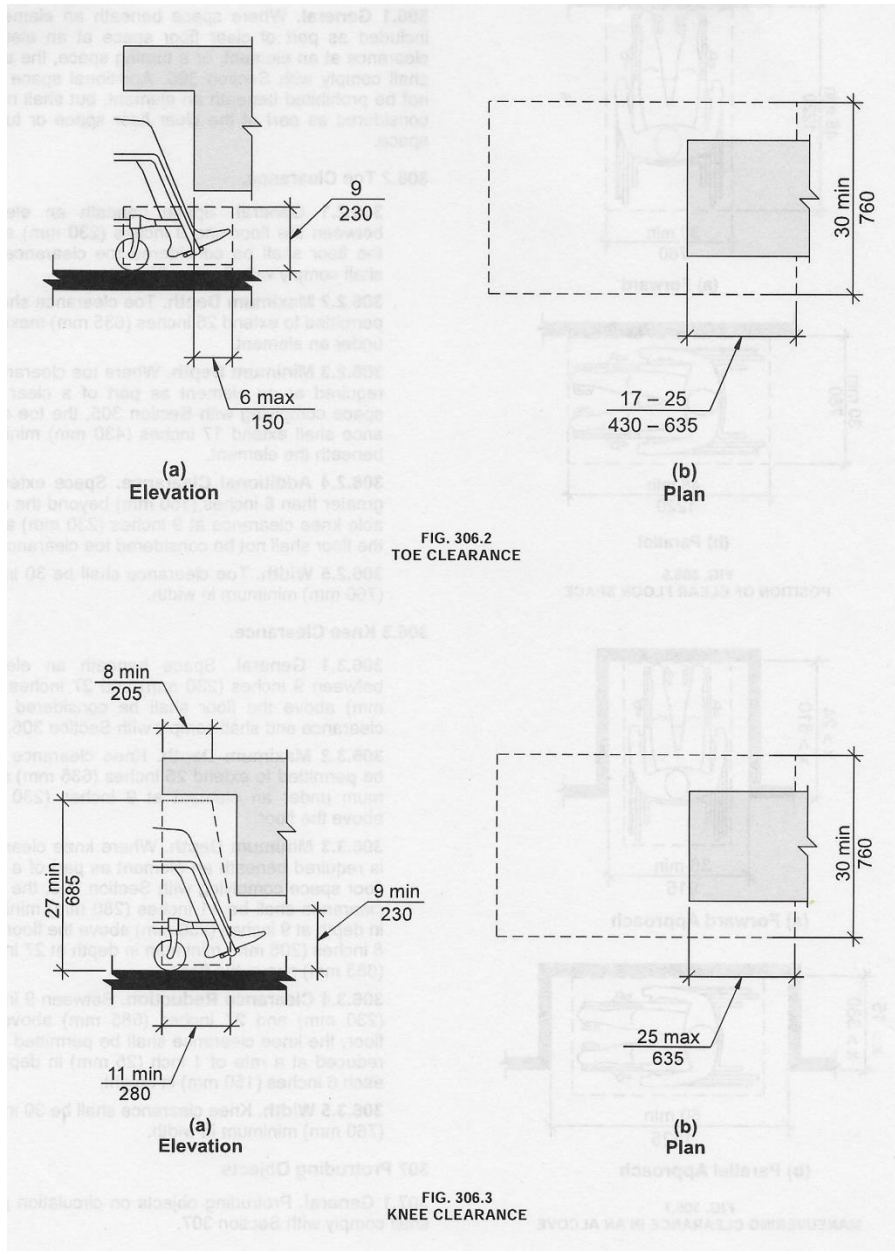
**TRUSSES, BEAMS, LOG POSTS, FASCIA, T1-11 (3" GROOVE)**

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**ADA DETAILS:**



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**Worksurfaces:**

**Height: 28" min. 34" max.**

**30" x 48" minimum clear floor area, toe and knee clearances as shown above**

**Service Counters:**

**Parallel Approach: Min. 36" long, Max, 36" height**

**Forward Approach: Min. 30" long, Max. 36" height**

**Lavatories and Sinks: 34" max height**

**Exposed Pipes and Surfaces:** Water supply and drainpipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact.

There shall be no sharp or abrasive surfaces under countertops, lavatories and sinks.

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**WINDOWS: INTERIOR**

See drawings for Window Schedule and Types

**Interior windows:**

Hollow metal frames, painted.

Glass: 1/4" thickness, clear laminated glass.

Provide interior laminated glass windows with hollow metal frames, except at noted storefront locations.

**Exterior windows:**

Manufacturer: Andersen or equal

Type: E-Series, 100 series or equal

Interior Color: Walnut or as selected by Owner

Exterior Color: Cinnamon Toast @ trim, Sandstone @ window or as selected by Owner

Integral Grid: Colonial, Full divided light

Trim: 3 1/2" Flat, w/ 3 5/8" cornice

Glass: SmartSun, 2.2mm Dual Pane, U=.27, SHGC=.21, VT=.50

Installation shall be per the manufacturer's specifications, instructions and details.

**DOORS: GENERAL**

Doors and door hardware are to be installed only by qualified persons and all work must meet appropriate codes.

All doors, hardware, openers, etc. shall be institutional grade throughout.

Final acceptance of any hardware installations shall be subject to approval by the Gila County Facility Services.

All hardware submittals shall be routed through the Gila County Facility Services for review and approval prior to purchase.

**DOOR FRAMES:**

Manufacturer: Timely

Prefinished Steel Door Frames

GalXC: Hot dipped galvanized

Classic Frame

S Series: 20 GA.

Install per manufacturer's requirements

Doors shall have a minimum of 3 heavy duty industrial type hinges per door. Doors greater than 3' in width or 7' in height require additional hinge.

Doors and frames shall have a spray applied finish.

**WOOD DOORS**

Wooden doors are acceptable for interior applications only, must be solid core, and have adhesives that are 100% waterproof.

Interior Doors: shall be 3'0" x 6'8", solid core flush (100% waterproof adhesives) with veneer faces, commercial heavy duty minimum grade, 1-3/4" thick, unless noted otherwise.

Exterior Doors: All replacement exterior doors shall be solid core fiberglass

All doors should be specified from a single manufacturer.

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Formaldehyde off-gassing rates to be less than .03 milligrams per square foot of surface/hr in accordance with ASTM D5116-90.

Doors shall carry a life of installation warranty from the manufacturer. All doors that are warped, after installation, shall be replaced prior to substantial completion.

Door receiving a stained finish shall be specified as having premium quality face veneers, minimum thickness 1/16".

Doors used as a normal means of ingress and egress shall have either vision panels or adjacent sidelights (where allowable by code) in metal frames. See Door Schedule for locations and size.

All doors subject to heavy traffic shall have kickplates both sides. See Door Schedule for locations.

**DOOR HARDWARE**

Door stops required on all installations

**Cylindrical locksets with lever handles:**

**Marks USA 175**

Locksets Economy Series

Grade 2

2 3/4" Backset

IC Core Model

26D Chrome Finish

**Panic Hardware:**

Manufacturer: MarksUSA,

Model: M9900

Shall be rim type, installed with a mullion in double doors.

Finish to match other door hardware.

**Door closers:**

Shall have **extra heavy duty** arms and be mounted with thru bolts.

Approved Model: LCN 4040XP series w/ parallel arm.

Deadbolt:

MarksUSA Defender Series: 130RK Tubular, ANSI E0151

Finish: 26D

**Cylinders and Cores:**

Gila County Facility Services will key all locks, specify which system, and the keyway to be used. **Only** original Best cylinders and interchangeable cores shall be used. Pinning and key cutting will be done by the Facility Services. Key blanks and cylinders/cores will be provided by Facility Services.

MarksUSA: 175 Economy series,

Cylindrical Leversets ANSI 156.2, Grade 2

**Hinges:**

All doors will be mounted with three 4-1/2" X 4-1/2" full mortise hinges. Doors larger than 3'x7' will be mounted with four hinges that are the same size as above.

Approved Models: Hager BB1168, McKinney TA2714, Stanley FBB168

Roton continuous hinge or equal continuous hinge for high traffic exterior doors

**Thresholds:**

Shall meet ADA requirements.

Thresholds shall be aluminum and rated for heavy duty traffic.



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**HARDWARE GROUPS**

See drawings for Door Schedule w/ hardware identified

**GROUP 1: OFFICE / CONFERENCE ROOM**

Leverset: 175RAB Lever Lockset, F109

Hinges

**GROUP 2: EMERGENCY EGRESS / SECURED ENTRY**

Panic Hardware

Deadbolt

Hinges

Closer

Threshold

Weatherseal gasket

Kickplates

Card reader access

**GROUP 3: PASSAGE / SECURED ACCESS**

Leverset: 175RAB Lever Lockset, F109

Hinges

Kickplates

Closer(s)

Card reader access (No card access at DR 104 Breakroom)

**GROUP 4: STORAGE ROOM**

Keypad Lock: Schlage CO-100-CY-70-KP-RHO-626-P6

Hinges

Kickplates

**GROUP 5: RESTROOM**

Lockset with lever handle

175 Leverset 175L, F75

Closer

Hinges

Kickplates

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**ACOUSTICAL TREATMENT (SOUND WALL STC 50 – 54)  
NOT USED**

**INSULATION: FOAM**

Roof: Foam Insulation: 5.5” closed cell foam or equal: R38 min.  
Unvented attic space

CMU / Masonry Walls w/ 2x4 furring: Foam Insulation: R21 closed cell

Exterior 2x6 Framed Walls: Foam Insulation: R21 min.

Provide a complete system consistent with R-values identified and manufacturer’s specifications, instructions, recommendations and details.

Provide manufacturer’s certification of installed insulation R-value upon completion of insulation work.

**MOISTURE BARRIER**

Manufacturer Tyvek or equal building wrap.  
Installation shall be per the manufacturer’s specifications, instructions and details.

**GYPSUM BOARD**

All walls, except restrooms: ½” gypsum board fastened with fine threaded drywall screws nailed 6” perimeter, 12” field. Finish with skip trowel texture, to match existing, unless noted otherwise.

Restrooms and wet areas: When gypsum board is used as a base for tile or wall panels for tubs, shower or water closet compartment walls, water-resistant gypsum backing board shall be used as a substrate.

Accessories such as grab bars, towel bars, paper dispensers and soap dishes, provided on or within walls, shall be installed and sealed to protect structural elements from moisture.

Water-resistant gypsum backing board shall not be used in the following locations:

- Over a vapor retarder in shower or bathtub compartments.
- Where there will be direct exposure to water or in areas subject to continuous high humidity.
- On ceilings where frame spacing exceeds 12” OC for ½”, or exceeds 16” OC for 5/8” thickness.

**CORNER GUARDS (RESILIENT VINYL)**

Manufacturer: Johnsonite  
Type: Resilient Vinyl  
Style: VGB-XX  
Color: To match walls, see submittal requirements.  
Size: 2 3/8” return legs X 8’ lengths  
Angular shaped profile  
Hardness: ASM D 2240 – Not less than 85 Shore A  
Abrasion Resistance: ASTM D 3389 – 0.22 mg/cycle  
Fire Resistance: ASTM E 648/NFPA 253 (Critical Radiant Flux) – Class 1  
ASTM E84/NFPA 255: Flame/Smoke – Class B/less than 450 Smoke

Install per manufacturer’s specifications, instructions and recommendations.

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**PAINTING**

**Submittal required:** Color selection for approval, prior to doing the work.

Painting products shall be specified from one of the following manufacturers: Dunn Edwards, Frazee, Kelly Moore, Sherwin Williams, or Glidden. Alternative manufacturers may be submitted for approval.

Deliver and store materials on job site in original, new and unopened packages and containers bearing manufacture's name, paint identification, formula number, batch number, etc. with labels intact.

Coatings shall be applied in accordance with the manufacturer's printed directions for the paint used. Special attention shall be given to applying a coating when temperature, humidity, and other weather factors are acceptable by the manufacturer requirements and/or owner. No paint shall be applied until preceding coat has dried. Successive coats shall have colors varied by tinting sufficiently to permit easy visual check of the coverage unless otherwise stated.

In occupied buildings, the contractor shall do all painting that produces noxious fumes or smells, during nights, weekends and off hours to prevent disruption of Gila County business and services to the public.

**Materials:**

All paint materials shall be of manufacturers' premium grade product.

Insofar as possible, all components of the paint system shall be products of the same manufacturer.

**Extra Stock:**

Prior to final completion, the contractor shall provide a minimum of one gallon, from the same batch of each color and each type of paint used on the project. Gallon cans shall be labeled with manufacturer's name, color name & formula.

**Surface Preparation:**

Perform preparation and cleaning procedures in accordance with paint manufacturer's instructions and as herein specified, for each particular substrate condition.

Remove or protect hardware, hardware accessories, machined surfaces, plates, lighting fixtures, and similar items that are not to be painted to insure that no paint is applied to these surfaces. Reinstall or remove protection upon completion of painting of the adjacent surfaces.

Clean all surfaces to be painted, stained or sealed before applying paint or surface treatments.

**Wood:**

Prime fill holes and imperfections in finish surfaces with putty or plastic wood-filler. Sandpaper smooth when dried. Prime, stain, or seal wood required to be job-painted. Prime all edges, ends, faces, undersides, and backsides of such wood. Seal tops, bottoms and cut-outs of un-primed wood doors with a heavy coat of varnish or equivalent sealer.

**Ferrous Metals:**

Clean ferrous surfaced, which are not galvanized or shop-coated, of oil, grease, dirt, loose mill scale and other foreign substances by solvent or mechanical cleaning.

**Galvanized Surfaces:**

Clean free of oil and surface contaminants with non-petroleum based solvent and apply pre-wash or bond coat as indicated.

**Application:**

Apply paint in accordance with manufacturer's directions. Use applicators and techniques best suited for substrate and type of material being applied.

Understand and honor all applicable OSHA safety and local, State or Federal VOC requirements.

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Apply additional coats when undercoats, stain or other conditions show through final coat of paint, until paint film is of uniform finish, color and appearance. Give special attention to insure that surfaces, including edges, corners, crevices, welds, and exposed fasteners receive a dry film thickness equivalent to that of flat surfaces.

Paint surfaces behind movable equipment and furniture same as similar exposed surfaces. Paint surfaces behind permanently-fixed equipment or furniture.

Finish exterior doors on tops, bottoms and side edges same as exterior faces, unless otherwise indicated.

Sand lightly between each succeeding enamel or varnish coat.

**Clean-up And Protection:**

During progress of work, remove from site discarded all materials, rubbish, cans and rags at end of each work day.

Upon completion of work, clean window glass and other paint-splattered surfaces. Remove splattered paint by proper methods of washing and scraping, using care not to scratch to otherwise damage finished surfaces.

Protection: Protect work of other trades, whether to be painted or not, against damage by painting and finishing work. Correct and damage by cleaning, repairing or replacing, and repainting, as acceptable to the Owner.

Provide "Wet Paint" signs as required to protect newly-painted finishes. Remove temporary protective wrappings provided by others for protection of their work, after completion of painting operations. At the completion of work of other trades, touch-up and restore all damages to painted surfaces.

**FRP (FIBER REINFORCED PLASTIC) PANELS**

Manufacturer: Marlite  
Type: Standard FRP Artizan  
Style: Stone Grid, Textured Finish  
Color: T936-G44 Milan (4x4 score, 1/8" groove with white core)  
Or:

Manufacturer: Glasteel  
Type: Glasliner  
Style: 1200 Series, .090 nominal thickness  
Finish: Traditional pebbled  
Color: Bright White  
Or: As selected by Owner

Installation shall be per the manufacturer's specifications, instructions and details.  
Prefinished polyester glass reinforced plastic sheets and adhered to unfinished gypsum wallboard.  
Conform to building code requirements for interior finish for smoke and flame spread requirements as tested in accordance with ASTM E 84 (Method of test for surface burning characteristics of building Materials), Class C minimum.

**Panels:**

Fiberglass reinforced thermosetting polyester resin panel sheets complying with ASTM D 5319.  
Coating: Multi-layer print, primer and finish coats or applied over-layer.

Dimensions:

Thickness: 0.090" (2.29mm) nominal  
Width: 4'-0" (1.22m) nominal  
Length: 8'-0" (2.4m) nominal

Tolerance:

Length and Width: +/- 1/8" (3.175mm)  
Square: Not to exceed 1/8" for 8' panels.

Properties:

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Resistant to rot, corrosion, staining, denting, peeling, and splintering.

Flexural Strength:  $1.0 \times 10^4$  psi per ASTM D790 (7.0 kilogram-force/square millimeter)

Flexural Modulus:  $3.1 \times 10^5$  psi per ASTM D790 (217.9 kilogram-force/square millimeter)

Tensile Strength:  $7.0 \times 10^3$  psi per ASTM D 638 (4.9 kilogram-force/square millimeter)

Tensile Modulus:  $1.6 \times 10^5$  psi per ASTM D 638 (112.5 kilogram-force/square millimeter)

Water Absorption: 0.72% per ASTM D 570

Barcol Hardness (scratch resistance) of 35 55 as per ASTM D 2583.

Izod Impact Strength of 72 ft. lbs./in ASTM D 256

**Base:**

Manufacturer: Johnsonite

Type: ColorMatch

Style: Traditional Wall Base

Color: Brown (47)

Size: 4"

All outside corners shall be pre-formed.

**Trim:**

SaniSeal Trim: Co-extruded, dual-durometer polypropylene/monprene profiles with Dual-Seal Technology and high performance pressure sensitive adhesive.

Color Tan (or best match with Milan)

**Accessories:**

Fasteners: Non-staining nylon drive rivets. Match panel colors. Length to suit project conditions.

Adhesive: Either of the following construction adhesives complying with ASTM C 557.

Marlite C-551 FRP Adhesive – Water-resistant, non-flammable adhesive.

Marlite C-375 Construction Adhesive – Flexible, water-resistant, solvent based adhesive, formulated for fast, easy application.

Titebond Advanced Polymer Panel Adhesive – VOC compliant, non-flammable, environmentally safe adhesive.

Sealant: Marlite brand, color to match.

**Preparation:**

Examine backup surfaces to determine that corners are plumb and straight, surfaces are smooth, uniform, clean and free from foreign matter, nails countersunk, joints and cracks filled flush and smooth with the adjoining surface.

Verify stud spacing does not exceed 24" on-center.

Repair defects prior to installation. Level wall surfaces to panel manufacturer's requirements. Remove protrusions and fill indentations.

**Installation:**

Deliver materials factory packaged on strong pallets. Store panels and trim lying flat, under cover and protected from the elements. Allow panels to acclimate to room temperature (70 degrees) for 48 hours prior to installation. Building shall be fully enclosed prior to installation with sufficient heat and ventilation consistent with good working conditions for finish work.

During installation and for not less than 48 hours before, maintain an ambient temperature and relative humidity within limits required by type of adhesive used and recommendation of adhesive manufacturer. Provide ventilation to disperse fumes during application of adhesive as recommended by the adhesive manufacturer.

Comply with manufacturer's recommended procedures and installation sequence. Install panels with manufacturer's recommended gap for panel field and corner joints.

Adhesive trowel and application method to conform to adhesive manufacturer's recommendations.

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Apply panel moldings to all panel edges using silicone sealant providing for required clearances. Apply sealant to all moldings, channels and joints between the system and different materials to assure watertight installation.

Remove excess sealant from panels and moldings. Wipe panel down using a damp cloth and mild soap solution or cleaner. Refer to manufacturer's specific cleaning recommendations. Do not use abrasive cleaners.

Warranty: Furnish one year guarantee against defects in material and workmanship.

**ARCHITECTURAL WOODWORK**

**Casework Locations: See Interior Elevations**

- **Room 104 Breakroom: Upper and lower cabinets w/ counter top**
- **Scalehouse: Countertop w/ lower cabinet each side of leg space opening.**

**Field verify all dimensions**

**Prefabricated stock units from local supplier, as selected by Facilities, and Countertops by others, under separate contract.**

**Plastic Laminate:**

WilsonArt Premium Laminate  
Standard HPL Finish  
Color as selected by owner

**CARPET TILE**

**Locations: See drawings and Room Finish Schedule**

**Manufacturer: Interface (www.interface.com)**

**Type: Exposed**

**Style : 1383202500**

**Size: 19.69 in. x 19.69 in. (50cm x 50cm)**

**Color: 106059 Pitch**

**Product Data:**

Construction: Tufted Tip-Sheared  
Dye Method: 100% Solution Dyed  
Yarn Manufacturer: Aquafil  
Yarn System: 100% Recycled Content Type 6 Nylon  
Stitches Per Inch: 8/in.  
Pile Density: 9.257 oz/yd<sup>3</sup>  
Pile Height: 0.12 in.  
Finished Pile Thickness: 0.07", 1.8mm  
Tufted Yarn Weight: 18 oz./yd<sup>2</sup>  
Machine Gauge: 1/12 in.  
Backing: GlasBac Tile  
Protective Treatments:

Preservative protection: Intersept

Soil / Stain protection: Protekt

Total Recycled Content: 71%

Performance:

Static Control: AATCC-134 <3.0 KV

Flammability: ASTM E 648, Passes Methenamine Pill Test (DOC-FF1-70)

Smoke Density: ASTM E-662 <450

Lightfastness (AATCC 16 – E) > 4.0 @ 60 AFU's

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Dimensional Stability: AACHEN Din 54318 < .10%  
Traffic Classification: Severe  
Green Label Plus: #GLP0820, CDPH 01350

Warranties:  
15 Year standard carpet warranty

**VINYL BASE: All areas**

Manufacturer: Johnsonite  
Type: ColorMatch  
Style: Traditional Wall Base  
Color: See Submittal Requirements  
Size: 4"

All outside corners shall be pre-formed.

Flexibility: Will not crack, break, or show any signs of fatigue when bent around a ¼" diameter cylinder.

Fire Resistance: ASTM E 648/NFPA 253 (Critical Radiant Flux) – Class 1

ASTM E84/NFPA 255: Flame/Smoke – Class A/less than 450 Smoke

Chemical Resistance: ASTM F925, Passed

Meets or exceeds the performance requirements for resistance to heat/light aging, chemicals, and dimensional stability when tested to the methods, as described, in ASTM F-1861 Standard Specification for Resilient Wall Base.

Install per manufacturer's specifications and recommendations. See Johnsonite Product Specification, Section 096513. See Johnsonite Installation Manual.

Metal or vinyl carpet reducers shall be provided at all exposed or junction edges with other material or at entrances.

**RESILIENT FLOORING**

**Protection:**

It shall be the contractor's responsibility to protect all furniture, walls, doors, etc from any damages during installation of flooring and base, and removing existing floor finishes, where applicable. Any items moved shall be replaced in original position. The Contractor will be responsible for all damages.

**Job Conditions:**

Installer must examine the substrate and conditions under which the flooring is to be installed and notify the contractor, in writing, of conditions detrimental to the proper and timely completion of the work, per the manufacturer's installation requirements.

**Installation:**

All contractors that bid this work, shall have a minimum of not less than 5 years vinyl tile installation experience, similar to the size and scope contained in the project, and provide a minimum 2 year full warranty to fix, repair or replace carpeting failure as the result of defective workmanship. Shall be installed/applied with a suitable waterproof mastic for the conditions of use.

**Extra Stock:**

Contractor shall provide a minimum **10%** additional material over actual area used as extra stock, to be provided to Owner prior to or at final completion. All extra stock shall be full tiles, not cut pieces, and shall be from the same dye lot / manufacturing batch as the tiles used on the job.

**Manufacturer: Armstrong Commercial Flooring**

**Type: Luxury Vinyl Tile**

**Style: Natural Creations, Arbor Art**

**Color: NA367 Aspen Rock Grey OR as selected by Owner, see Submittals**

**Size: 4" x 36"**

**RUSSELL GULCH LANDFILL, GLOBE  
NEW OFFICES, SCALE HOUSE AND SCALES**

**Product Data:**

Size: 4" x 36"  
Overall Thickness: .125"  
Wearlayer Thickness: .020"  
Finish: UV-cured Polyurthane

**Installation:**

Full spread adhesives: S-288 Premium, S-543 High-Moisture, S240 Eposy

Static Load Limit: No visually apparent indentation, 250 psi

**Testing:**

Heat Stability (ASTM F-1514): Exceeds  
Stain & Chemical Stability (ASTM F-925): Meets or Exceeds  
Light Resistance (ASTM F1515): Exceeds  
Flexibility (ASTM F137): Exceeds, No cracks or breaks  
Fire Test Data: Flame Spread (ASTM E648): 0.45 watt/cm<sup>2</sup> or more Class 1  
Fire Test Data: Smoke Evolution (ASTM 662): 450 or less  
Floor Score Indoor Air Quality: CHPS 01350 Certified  
Sustainability Assessment: Gold Level Certified  
Certified Low Emitting Product: LEED EQ4.3  
Certified Low Emitting Adhesive: LEED EQ4.1

**Warranty:**

Limited 10 Year Commercial Warranty

**VINYL BASE**

Manufacturer: Shaw contract group or equal  
Type: 4" cove base  
Style: 148 VS  
Color: See submittal requirements

All outside corners shall be pre-formed.

**METAL ROOFING**

Manufacturer: ASC Building Products or equal  
Style: Skyline Roofing or equal  
26GA.  
Size: 16" width  
Color: Rustic Red or Royal Blue? As selected by Owner

Underlayment: As approved by manufacturer for non-vented attic condition.

Fire-resistant roof deck protection and underlayment

UL Class A rated

Meets or exceeds ASTM D146, D226 Type II, D828, D4869 Type IV, D6757 Type I or Type II

Trim and accessories, as required for a complete installation and warranty certification.

Installation shall be per the manufacturer's specifications, instructions, recommendations and details.



**RUSSELL GULCH LANDFILL, GLOBE  
NEW OFFICES, SCALE HOUSE AND SCALES**

Ensure that metal roof addresses potential for excessive snow slides, icicle accumulation and falling area, particularly in the areas of entrances, emergency exits, loading docks, lower roof areas, landscaping and walk-ways.

The materials used for metal-sheet roof coverings shall be naturally corrosion resistant or provided with corrosion resistance in accordance with the standards and minimum thicknesses shown in Table 1507.4.3(2) of the 2012 IBC.

Metal roof panels shall be secured to the supports in accordance with the approved manufacturer's fasteners. In the absence of manufacturer recommendations, the following fasteners shall be used:

- Steel roofs: Galvanized fasteners
- Copper roofs: Copper, brass, bronze, copper alloy or 300 series stainless-steel fasteners
- All types: Stainless-steel fasteners

Minimum slopes for metal roof panels shall be:

- Lapped, nonsoldered-seam metal roofs without applied lap sealant shall be 3:12.

Lapped, nonsoldered-seam metal roofs with applied lap sealant shall be ½:12. Lap sealant shall be applied per the manufacturer's installation instructions.

**CULTURED STONE VENEER**

Manufacturer: Veneerstone

Style: Stack Stone or Imperial Stack Stone

Color: Provide color samples, see submittal requirements

Grout to match, submit for Owner's approval, prior to doing work.

Installation shall be per the manufacturer's specifications, installation requirements and details.

**FIRE EXTINGUISHER & CABINET**

**CABINET:**

Manufacturer: Amerex or equal

Style: H-5800 Semi-recessed

Max Capacity: 10# Extinguisher

Color: White enamel finish

Size: 24" Height, 11" wide x 6" deep

Installation shall be per the manufacturer's specifications, instructions and details.

**FIRE EXTINGUISHER:**

Manufacturer: Amerex or equal

Style: S-9874

Capacity: 10#

UL Rating: 4A: 80B:C

Size: 21" Height, 8" wide x 5" deep, 5" diameter

Installation shall be per the manufacturer's specifications, instructions and details.

**SECURITY SHUTTERS:**

Manufacturer: ?

Style:

Color: White? As selected by Owner?

Size: See Window Schedule and construction drawings. Field verify interior dimensions at window opening, prior to shutter design.

Installation shall be per the manufacturer's specifications, instructions and details.

**RUSSELL GULCH LANDFILL, GLOBE  
NEW OFFICES, SCALE HOUSE AND SCALES**

**PNEUMATIC TICKET DELIVERY SYSTEM:**

**Note:**  
**Layout has been shortened and straightened,  
to near new metal building location. Use Quote below for reference purposes only.**

**See drawing sheet A12 Details**

Manufacturer: Eagle Pneumatic Inc or Equal  
Contact: Patrick Evans



Eagle Pneumatic  
3902 Industry Blvd.  
Lakeland, FL 33811  
Phone (800) 237-8261/ (863) 644-4870  
Fax (863) 647-5328  
www.eaglepneumatic.com e-mail: [sales@eaglepneumatic.com](mailto:sales@eaglepneumatic.com)

Quotation

Customer No.: N00000

Quote No.: 220770 website:

Quote To:  
Attn: Caryn Paige

Canyon County Design Inc. Ship To:  
mf: Russell Gulch Landfill

Date: 08/26/2022

FOB: Origin

Ship Via: Truck Coll

\* Sales Tax, And/Or Fees (If Any) Must Be Remitted To Your State Directly, Except Florida

Required Date: 08/26/2022

Required Qty.	Part Number	Description	Unit Price	Amount
1	A-3903	Station Mini Ticket Del.3	2544.35	2544.35
1	Z-3010	Opt Inverted 3 DOWN SEND STATION w/AIR NIPPLE OUT TOP OF STATION!!!	168.35	168.35
1	A-30102	Blower Mini Ticket Del. 3	0.00	0.00
1	A-3940	3" Windgate Air Adjust Valve	90.35	90.35
1	A-3990	Station Truck SS 3	1123.00	1123.00
1	Z-3010	Opt Inverted 3	168.35	168.35
8	P-9201	Tube PVC HD 3" x 10 FEET	73.85	590.80
2	P-9033	Bend PVC 3x24x90 HD	140.00	280.00
14	P-9084	Coupling PVC 3" HD White	6.85	95.90
1	M-10710	Cement PVC Heavy Duty 16oz	25.50	25.50
1	M-10711	Cleaner Primer Purple 16oz	21.85	21.85
11	D-1119	Protection Sleeve 4" (18")	25.00	275.00
100	E-1665	Wire 22 ga 2 Cond White	0.70	70.00
20	E-1666	Wire 22 ga 3 Cond White	0.53	10.60
4	A-9013	Carrier 3x9 Disc	35.50	142.00

**GILA COUNTY – Technical Specifications  
(11/1/22 CJP)**

**RUSSELL GULCH LANDFILL, GLOBE  
NEW OFFICES, SCALE HOUSE AND SCALES**

1	A-9999	Owner's Manual	0.00	0.00
			Total	5606.05

**PAYMENT KIOSK**

Manufacturer: Olea Kiosks  
Contact: Jared Epstein (267) 243-9519  
[jarede@olea.com](mailto:jarede@olea.com)

Kiosk Unit/ Model: Exterior Grade Model

Software Design:

Ability to:

- Talk / link between Scalehouse and Scales, data, visual and voice
- Make credit card payments
- Issue receipt
- Info: weight in, weight out, type of rubbish, \$ per #, total cost,

**TRUCK SCALES (IN ROADWAY): Manufacturer's Specifications**

SEE CIVIL DRAWINGS FOR SITE WORK AND SCALE AREA  
SEE MICHELLI MEASUREMENT GROUP DRAWING  
CONTACT KADE CREVISTON (800) 903-8823, CELL (480) 292-0128

# Avery Weigh-Tronix

**Pier-Type Truck Scale Foundation:**

The truck scale foundation shall be constructed in accordance with Engineering Drawings provided by the scale manufacturer. The following specifications are for a **pier-type foundation**.

- 4.1 Scale owner to provide a clear and unobstructed area for excavation and foundation construction which is free of any underground obstructions.
- 4.2 Minimum soil bearing capacity shall be 3,000 pounds per square foot.
- 4.3 If site and soil conditions are inadequate, then extra depth, width, and/or reinforcing must be added as necessary to provide a stable foundation base.
- 4.4 Foundation must extend a minimum of 6 inches below the frost penetration line.
- 4.5 Pier concrete to have a minimum 28-day compressive strength of 3,500 pounds per square inch
- 4.6 All scale bearing surfaces to be level and on the same plane
- 4.7 Approach end walls to be level and on the same plane with 1/8 inch.
- 4.8 Approaches at each end of scale shall be at least the width of the scale and ½ the total length of the scale. The first 10 feet of approach at each end of scale shall be flat and level and constructed of concrete (*as specified on scale manufacturer's foundation drawing*). The remaining approach may slope slightly away from the scale and may be constructed of asphalt or gravel. Always confirm specific approach requirements with local Weights and Measures authorities.
- 4.9 4 inch thick, concrete clean-out slabs between the piers are recommended but optional. Whenever possible, the clean-out slabs should be sloped down from the longitudinal centerline to each side to allow drainage and prevent the accumulation of water and dirt under the scale. Clean-out slabs can be flush with top of piers or lowered to increase the under clearance as required by customer or local code.
- 4.11 Local or state requirements supercede any or all of the recommendations and details shown or described in the foundation drawing provided by the scale manufacturer.
- 4.12 All permits shall be responsibility of the General Contractor.
- 4.13 Due to varying soil conditions, Avery Weigh-Tronix will not be held responsible for stability of foundation.

**RUSSELL GULCH LANDFILL, GLOBE  
NEW OFFICES, SCALE HOUSE AND SCALES**

**PHONE / DATA:**

Coordinate with Gila County Facility Services' subcontractor and/or in-house personnel whom will be installing these systems. Contractor shall provide wall, floor or ceiling box at location identified on the plan, conduit and pull wiring in place for phone and data wiring use.

**SECURITY SYSTEMS:**

Contractor shall coordinate with Gila County Facility Services' subcontractor and/or in-house personnel whom will be installing these systems.