Scope of Work Specifications

for the

ValleyHealth

VH Urgent Care Center (UCC + PCP)
Out Parcel Lot #2
Rutherford Crossing
Winchester, Virginia

Estimate Issue:
August 2, 2016
SECTION 02100 - EROSION AND SEDIMENT CONTROL

A. Erosion and sediment control operations and devices required for this work as follows:
   1. Installation and maintenance of control devices;
   2. Temporary forms of stabilization;

SECTION 02102 - CLEARING AND GRUBBING

A. Work of this Section shall include but not be limited to clearing, grubbing, and disposal of woody vegetation from the building site, parking area, and the storm water management site.

SECTION 02200 – EARTHWORK

A. Work of this Section shall include but not be limited to excavation, control fill, aggregate materials, grading, and compaction.

SECTION 02600 – PORTLAND CEMENT CONCRETE PAVING

A. Provide Portland cement concrete paving at following locations and prepared sub base and compacted base.
   1. Curbs, Driveways, and vehicular entrances.
   2. Walkways.
   3. Dumpster Pad and approach apron.

B. Repair existing concrete elements as required including prepared sub base and compacted base.
   1. Repair existing aprons, curbs, and gutters as required by new utility trenching and vaults.
   2. Repair existing sidewalks as required by new construction.
   3. Repair existing underground utilities as required by new construction.

SECTION 02613 – ASPHALT CONCRETE PAVING

A. Work of this Section shall include the new proposed roadways and existing roadways as directed by plans.
   1. Roadways & Parking Areas:
      a. Parking Sub base course: Per Civil Drawings.
      b. Drive lane Sub base course: Per Civil Drawings.
      c. Surface course: Per Civil Drawings.

B. Repair existing roadways and parking areas as required by new construction.

C. Refer to Section 01030 - Alternates.
SECTION 02614 – GRAVEL PAVING
A. Work of this Section shall include the temporary construction entrance required by the Erosion Control Plan.

SECTION 02660 - WATER DISTRIBUTION
A. Provide an operating underground, exterior water service piping system. Include piping, control valves, and steel and concrete anchorages.

SECTION 02720 - STORM SEWERAGE
A. Provide an operating underground, exterior storm sewer collection system. Include sewer conduits, manholes, catch-basins, and all frames, covers and gratings.

SECTION 02730 - SANITARY SEWERAGE
A. Provide an operating underground, exterior sanitary sewer collection system. Include sewer conduits, manholes, frames, covers and gratings.

SECTION 02820 – ROAD AND PARKING APPURTEYNANCES
A. Work of this Section shall include signing, markings, and wheel stops as dictated on the site drawings.

B. Repair any damaged signing, wheel stops, etc. and repainting the existing parking stripe markings currently on the site.

SECTION 02900 – LANDSCAPING
D. Provide 12” topsoil min. at all lawn areas; owner to provide sod as needed.

E. Owner to provide plants and trees as needed.

F. Owner to provide related materials such as soil amendments and mulch.

G. Owner to provide related landscape accessories such as edgings, gravel, and plastic sheet.

SECTION 03300 - CAST-IN-PLACE CONCRETE WORK
A. Provide cast-in-place concrete for general building construction including:
   1. 3500 PSI exterior slab on grade; per structural drawings.
2. 3000 PSI foundations; per structural drawings.
3. 3000 PSI slab on grade over 15 mil vapor barrier; per structural drawings.

SECTION 04200 - UNIT MASONRY

A. Provide unit masonry for foundations and exterior items exposed to view:
3. Brick Veneer: (2) colors Modular Brick with colored mortar; See Elevation Drawings for info.
4. Precast Wall Caps, Feature Trim, and Window Sills; Rock Cast or equal. All joints to be caulked. See Elevations, Plans, Sections, & Detail Drawings for info.

B. Brick veneer per drawings:
1. Note 2 different brick to be used. Exact brick and mortar colors noted on Elevation Drawings.
2. Brick Veneer & Stone veneer joint strike style to be standard concave. Precast Feature Trim and Sills joint are to be caulked per Section 07900; style to be flush smooth.
3. Install pre-molded drainage units in head joints per manufacturer’s recommendation; Hohmann & Barnard, Inc. or equal.
4. Install drainage material at base of veneer cavity to prevent mortar blockage; Hohmann & Barnard, Inc. or equal.
5. Install flexible flashing in non-exposed cavity area (Textroflash Hohmann & Barnard, Inc. or equal) with pre-molded stainless termination bars, stainless end dams, and stainless drip edge components per manufacturer’s recommendation; Hohmann & Barnard, Inc. or equal. Insure compatibility with building air barrier system components.
6. Clean brick after construction completed to remove all markings and incidental staining.

SECTION 04210 – STONE VENEER

A. Provide thin stone veneer for exterior items exposed to view:
2. Installation System: Laticrete MVIS; 25 year warranty.

B. Refer to Vendor supplied information.

SECTION 05500 - METAL FABRICATIONS

A. Provide miscellaneous metal items fabricated from heavy gage ferrous metals and not provided with structural steel system:
1. Loose brick lintels.
2. Misc. framing reinforcing bracing, straps, hangers, etc.
3. Bollards for ground mounted equipment protection.

SECTION 06100 - ROUGH CARPENTRY

A. Provide rough carpentry work:
   1. Wood wall 2x4 and 2x6 framing per plan dimensions. Studs to be SPF#2 @ 16 o.c. unless noted otherwise. Pressure treated sill plates.
   2. Pre-engineered wood truss roof framing; Per Section 06190.
   3. Install soffit & fascia framing, blocking, and sheathing.
   4. ZIP system OSB Exterior wall sheathing and conventional OSB roof sheathing. Also note additional cement board substrate at masonry veneer installation areas.
   5. Interior soffit and bulk head framing and bracing as needed.
   6. Backing panels for utilities to be 1/2” fire retardant plywood.
   7. Nailers, blocking, furring, and sleepers as needed.
   8. Air infiltration barrier: ZIP system or approved equal in base bid; provide pricing for DuPont Tyvek & fluid applied alternate systems per bid form.

B. Refer to Section 01030 - Alternates.

SECTION 06190 - PREFABRICATED WOOD TRUSSES

A. Provide prefabricated and pre-engineered wood trusses:
   1. Gable shaped pitch type; See Elevations, Plans, Sections, & Detail Drawings for info.
   2. Hip shaped pitch type; See Elevations, Plans, Sections, & Detail Drawings for info.
   3. Mono shaped pitch type; See Elevations, Plans, Sections, & Detail Drawings for info.
   4. Girder trusses as needed; See Elevations, Plans, Sections, & Detail Drawings for info.
   5. See structural drawings for all bracing, nailing, clips, hangers, and other attachments needed. See Architectural drawings for all overhang dimension information and note interior bulkhead suspended from trusses. See Mechanical drawings for all equipment loading information.

SECTION 06200 - FINISH CARPENTRY AND MILLWORK

A. Provide finish carpentry for interior items exposed to view:
   1. Install hollow metal door frames, doors, and hardware.
   2. Install hollow metal and aluminum storefront interior window units.
   3. Install Fire extinguisher Cabinets and interior signage as needed.
   4. Install closet shelving per plans. Laminate/Melamine wrapped adjustable shelving or equal.
   5. Vinyl base in all rooms; vinyl chair-rail only in waiting room.

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B. Provide custom millwork with shop finish:
   1. Install pre-manufactured laminate wall and base casework per plans, elevations, sections, and details illustrated.
   2. Install pre-manufactured laminate counters and wall caps unless noted otherwise on plans, elevations, sections, and details illustrated.
   3. Install pre-manufactured solid surface counters at reception area only per plans, elevations, sections, and window sill details illustrated.
   4. Coordinate with installation of kitchen, x-ray, lab, exam, procedure, and office equipment.
   5. Install pre-manufactured solid surface window sills at exterior windows and low wall caps at entry airlock per details & sections.
   6. Install pre-manufactured laminate cladding at reception low walls per details & sections.
   7. See Specification Section 12375 for specific finish materials needed.

SECTION 07130 – FLEXIBLE FLASHING

A. Exterior openings and penetrations: Provide self-adhesive sheet membrane flashing at exterior wall penetrations, window installations, and door installation per the drawing details and manuf. recommendation. Product and system to be used is Henry Blueskin SA per attached information.

SECTION 07160 – SHEET MEMBRANE DAMP PROOFING

A. Below grade: Provide self-adhesive sheet membrane dampproofing at exterior surfaces of foundation walls and footings to prevent moisture penetration through wall and under slab. Provide protection board prior to backfilling excavation.

SECTION 07200 - INSULATION

A. Provide building insulation of board and blanket types as applicable:
   1. Roofs and attics (interior), R-38, foil-faced fiberglass batt; installed with netting below for additional stability.
   2. Exterior stud walls, R-21, 5 1/2” un-faced fiberglass batt.
   3. Interior stud walls of procedure/exam rooms, toilet rooms, and offices. R-13, 3 1/2” un-faced fiberglass sound attenuation batt.
   4. Slabs on grade, 2” polystyrene rigid insulation per drawings details.

B. Provide vapor barrier at building perimeter per bid option accepted.

SECTION 07250 – FLUID-APPLIED MEMBRANE AIR BARRIER

A. Fluid-Applied, Vapor-Retarding Membrane Air Barrier membrane.
   1. Products: Subject to compliance with requirements, provide one of the following:
      a. Synthetic Polymer Membrane:
2) Henry Company; Air-Bloc 32.
3) Rubber Polymer Corporation, Inc.; Rub-R-Wall Airtight.
4) W.R. Meadows; Air Shield LM.

2. Physical and Performance Properties:
   a. Air Permeance: Maximum 0.004 cfm/sq. ft. of surface area at 1.57- lbf/sq. ft. pressure difference; ASTM E 2178.
   b. Vapor Permeance: Maximum 0.1 perm; ASTM E 96/E 96M.
   c. Ultimate Elongation: Minimum 500 percent; ASTM D 412, Die C.

B. Accessory Materials General: Provide air barrier membrane materials recommended by manufacturer to be compatible with one another and able to develop bond to substrate under conditions of service and application, as demonstrated by air barrier membrane manufacturer based on testing and field experience.
   1. Produce air barrier membrane materials suitable for application to vertical, horizontal, and sloped substrates, as applicable.
   2. Provide air barrier membranes complying with applicable VOC regulations.
   3. Provide air barrier membrane including transition membranes and strips, flashing membranes, sealants, adhesives, primers and related components that provide a complete assembly meeting performance requirements.

C. Compatibility: Provide air barrier membrane materials, primers, backings, and other related materials that are compatible with one another and with substrates and related materials under conditions of service and application, as stated by air barrier manufacturer's published data, and as substantiated by the manufacturer for each application through testing.

D. Refer to Section 01030 - Alternates.

SECTION 07270 – FIRE STOPPING & DRAFT STOPPING

A. Provide fire stopping at the following locations:
   1. Penetrations through fire-resistance-rated roof construction.
   2. Penetrations through fire-resistance-rated walls and partitions.
   4. Fire blocking at ceiling line of walls per code; see wall section details.

B. Provide draftstopping for code compliance; no attic area to exceed 3,000 SF. See plans and sections; note that some horizontal sheathing may be required for continuity.
   1. Penetrations through smoke barriers.

SECTION 07411 – METAL ROOFING

A. Provide prefinished metal roofing.
   1. Pre-finished standing seam metal roofing with 20 year finish warranty. Exact color noted on Elevation Drawings.
   2. Roofing Panels: 20” pan width; 22 gage steel.
   3. Roofing felt: 30# un-perforated asphalt saturated roofing felt.
4. Provide water protection sheet: Ice and Water Shield at all ridge and valleys, cricket areas, 3’ minimum along gutter line, and at all flat roof areas. Also provide metal liner pans at all valley locations.

SECTION 07600 - FLASHING AND SHEET METAL

A. Provide flashing and sheet metal components for building construction.
   1. Masonry through-wall flashing; coordinate with masonry.
   2. Metal counter-flashing; coordinate with masonry.
   4. Mechanical equipment curbs, roof drains, exhaust fans, sanitary vents, and other equipment and penetrations on roof as needed.
   5. Prefinished ridge vents per drawings.
   6. Prefinished wall cap.
   7. Prefinished exposed metal trim units and drip edging.
   8. Miscellaneous sheet metal accessories.

SECTION 07700 - ROOF SPECIALTIES AND ACCESSORIES

A. Provide roof accessories for the building construction as required per manufactures suggested installation including the following:
   1. Continuous Soffit Vent materials; color noted on Elevation Drawings.
   2. Continuous Fascia and trim materials; color noted on Elevation Drawings.
   3. Prefinished Wall Cap Material; color noted on Elevation Drawings.
   4. Guttering; 6” x 6” continuous box; color noted on Elevation Drawings.
   5. Downspouts; 4” x 5”; see plans for locations; color noted on Elevation Drawings.
   6. Ice & Snow Guards; 2” iClad Snow Retention System with iPlate Sliding Ice attachments by Sno Gem or equal.

SECTION 07900 - JOINT SEALERS

A. Provide sealants at intersection of building components and at control and expansion joints.
B. Provide exterior sealants at intersection of wall joints, pipe & duct installations, and flashings & copings.
C. Provide exterior sealants at brick control joints & precast component joints.
D. Provide sealants at intersection of window & door installations, mirrors, counter tops and sink fixtures.
E. Insure compatibility of all sealants with adjoining materials.

SECTION 08110 - STEEL DOOR & WINDOWS FRAMES

A. Provide steel doors and frames per plans and schedules; primed for field painting.
   1. Provide knock-down steel door frames for framed walls; 2” heads typ.
   2. Coordinate with security vendor to incorporate electric strikes and other features needed.
3. Coordinate with door hardware hinge requirements for wider door units.
4. Provide lead lined door unit at x-ray room entry location.
5. Provide fire rated metal doors per plans and schedules.

B. Provide knock-down steel window frames; primed for field painting.
   1. Provide knock-down steel window frames (see plans) for framed walls; 2” heads typ.
   2. Provide lead lined window unit at x-ray room console location.

SECTION 08210 - WOOD DOORS

A. Provide stain grade birch wood door for interior use; solid core.
   1. Prefinished wood doors to have light finish. Owner to choose final color.

SECTION 08305 - ACCESS DOORS

A. Provide access doors for access to valves, controls, and concealed items requiring maintenance.

SECTION 08410 - ALUMINUM ENTRANCES AND STOREFRONT

A. Provide exterior aluminum storefront windows & doors. See Plans, elevations, sections, details, and schedules for information.
   1. Fixed window units set in framed wall construction.
   2. (1) 6'-0" wide double door & (2) 4'-0" wide swing doors units with & without sidelight & transoms set in framed wall construction. Note auto operator on front door only (not rear UCC + PCP door).

B. Provide interior aluminum storefront windows and doors. See Plans, elevations, sections, details, and schedules for information.
   1. Airlock entry enclosure including (2) 3'-6" wide swing doors unit with sidelight & transoms set in framed wall construction with auto operator.

C. Stile-and-rail door type, 1-3/4" thick, medium stile (3" width) with mechanically fastened and reinforced joints; compression and sliding weather-stripping.

D. Framing System: Units fabricated from aluminum extrusions, ASTM B 221, and sheet, ASTM B 209; with thermal break; Trifab 451 T by Kawneer Company, Inc or approved equal.

E. Metal Finish: Clear anodized, Class 1.

F. Glazing: Per Section 08810: Tempered as required by code.

G. Hardware: Center pivots, overhead-concealed closers, stops, threshold, deadlocks and keyed cylinders; push/pull bars or panic hardware and pull bar. See door schedule for information.

SECTION 08460 – SLIDING ICU DOORS
A. Provide interior sliding ICU/CCU entrance door unit. See Plans, elevations, sections, details, and schedules for information.
   1. Aluminum Manual Door units set in framed wall construction; Stanley ICU-Manual Slide Series 7000 TL Door Package or equal.
   2. Clear Anodized Finish.
   3. Narrow Style w/ Middle Rail and integrated pull notch.
   4. Insulated Glass Stops (glazing by others). See Section 08810.
   5. 4 1/2” deep frame w/ break out panel movements typical.

SECTION 08700 - FINISH HARDWARE

A. Provide Locksets and latchsets for new interior doors; Extra Heavy duty (commercial): Sargent 10 Line Series Grade 1 or approved equal.
B. Lock cylinders and keying: Prep only for Non-Interchangeable-core Medeco pin tumbler lock cylinders and nickel silver keys; owner to provide cylinders and keys.
C. Finish: US 26D, Brushed Aluminum.
D. Coordinate electric strikes (see plans), etc. with the security vendor, typical.

SECTION 08750 – AUTOMATIC DOOR OPERATORS & STRIKES

A. Provide automatic door operators at aluminum storefront entry & airlock doors. Total of (3) doors = (6) push paddles; see plans for information.
   1. Push Paddles wall mounted; interior and exterior locations.
B. Provide electric strikes at interior access doors. Total of (6); see plans for information.
   1. (4) doors from waiting into clinical areas with activation switch as reception desk area; Doors #102A, #102B, #202A, & #202B.
   2. (2) exterior doors: Prep rear employee entry doors #109 & #212 for card access reader.
C. Provide mag-lock at interior cabinet doors. Total of (2) cabinet doors for medication access control; activation switch at UCC nurse station area.

SECTION 08810 - GLASS AND GLAZING

A. Provide glass and glazing for all applications per following:
   1. Exterior Aluminum Storefront Glazing: 1” thick Low E insulating unit, light gray tinted glass as follows: 1/4” PPG Solar Gray + 1/2” Alum Mill spacer + 1/4” PPG Solarban 70XL #3 tempered. U value of 0.29 or better. Shading Coefficient of 0.33 or better.
   2. Interior Windows: 1/4” thick tempered clear glass.
   3. Mirrors: 1/4” tempered safety glass.
   4. Doors Leafs and View Lite Panels: Tempered glass as required.
   5. X-ray View Window: 1/4” thick leaded unit, clear glass.
SECTION 09250 - GYPSUM DRYWALL

A. Provide gypsum drywall work:
   1. ½” Densglass GWB sheathing on exterior wood framing at canopy ceilings. See plans, sections, details, and schedules for information.
   2. 5/8” GWB on Interior side of wood stud exterior walls. See plans, sections, details, and schedules for information.
   3. 5/8” GWB on Interior wood stud walls and bulkhead framing. Moisture resistant GWB at all wet walls. See plans, sections, details, and schedules for information.
   4. Provide smooth Level 3 finish.
   5. Provide resilient clips at all exam spaces, offices, waiting room, & break room for sound privacy protection.
   6. Coordinate insulation and vapor barrier systems in gypsum drywall construction per Section 07200.
   7. Installation of access panels in gypsum drywall work.

SECTION 09510 – ACCOUSTICAL CEILINGS

A. Provide ACT in areas listed below; 24” x 24” grid and tiles; Armstrong, or approved equal.
   1. All ACT Ceiling Areas: Donn DX/DXL 15/16” White Grid; Armstrong #1732 White Ceiling Tile with Tegular Edge. See plans and schedules for information.

SECTION 09650 - RESILIENT FLOORING AND ACCESSORIES

A. Provide resilient flooring in areas listed below; LVT 18” x 18” tiles; TufStuf T3, or approved equal; Basic standard colors.
   1. Accent Floor Areas: Exam rooms, Break Room, etc.; Tile #TS3521 Pavillon; laid Quarter turn. See plans & schedules for information.
   2. Standard Areas: Utility rooms, Toilets, etc.; Tile #TX3511 Boutique; laid Quarter turn. See plans and schedules for information.
   B. Provide sheet flooring in areas listed below; Vinyl Sheets 6’-0” wide rolls w/ welded seams; Teknoflor Forrestscapes; Wide plank appearance #52206 Fruitwood.
   1. Public Floor Areas: Waiting room, Corridors, etc.; See plans and schedules for information.
   C. Prep all floors per Section 03300 for acceptable level surface per manufacturers' recommendations. Flash patch or equal as required.
   D. Provide vinyl wall base in areas listed below; Johnsonite; #63 Burnt Umber.
   1. Carpet Areas, LVT, and Sheet flooring Areas: 4” coved edge; see plans and schedules for information.
SECTION 09680 - CARPET

A. Provide Carpet roll goods with installation in areas listed below; solution dyed nylon, antimicrobial, integral backing; See plans, sections, details, and schedules for information.
   1. Reception and Office Areas: See plans and schedules for information.
   2. Product Selection: Tandus Garrison; Powerbond product; Enchant #68003; prep. & installation per manufacturers’ recommendations.

B. Provide Carpet tile with installation in areas listed below; solution dyed nylon, antimicrobial, integral backing; See plans, sections, details, and schedules for information.
   1. Entry Airlock Areas: See plans and schedules for information.
   2. Product Selection: Tandus walk off mat (Trilogy Portibello) product; color to be selected by owner; prep. & installation per manufacturers’ recommendations.

C. Provide Coved Vinyl wall base per Section 09650. See plans, sections, details, and schedules for information.

D. Prep all floors including newly patched areas per Section 03300 for acceptable level surface per manufacturers’ recommendations. Flash patch or equal as required.

SECTION 09840 – ACOUSTICAL WALL TREATMENT

A. Provide and install wall treatment panels; Gilford of Maine; Panel 2100, #144 “Eggshell”; see plans for locations. Fabric-wrapped panels adhesive applied, typical.
   1. (4) Check In/Check Out Alcoves; (8) 3’W x 5’H panels total.

B. Refer to Vendor supplied information.

SECTION 09900 - PAINTING

A. Provide surface preparation and painting for all unfinished interior and exterior surfaces, including electrical and mechanical equipment with shop primed surfaces.
   1. Exterior Wood for opaque finish (trim): Alkyd primer, 1 coat; alkyd enamel (gloss finish), 2 coats.
   2. Exterior Ferrous metal: Zinc chromate primer, 1 coat; alkyd enamel (gloss finish), 2 coats.
   3. Interior Drywall: Latex primer, 1 coat; interior latex (egg shell finish), 2 coats.
   4. Interior Drywall (wet areas): Latex primer, 1 coat; interior enamel (satin finish), 2 coats.
5. Interior Wood for opaque finish (trim): Alkyd enamel undercoater, 1 coat; alkyd enamel (semi-gloss finish), 2 coats.
6. Interior Ferrous metal: Alkyd metal primer, 1 coat; alkyd enamel (semi-gloss finish), 2 coats.

B. Following are the color selections:
   1. Hollow Metal Door and Window Frames: Sherwin Williams #PPG 15-05 ‘Macaroon Cream’ (Or equivalent).
   2. Interior Walls: Sherwin Williams #SW 6126 ‘Navajo White’ (Or equivalent).
   3. Accent Walls: Sherwin Williams #547-6 ‘Blue Cloud’ (Or equivalent).

SECTION 09950 – FIBERGLASS PANEL WALL COVERINGS

A. Provide FRP wall panels 48" above mop basins on all adjacent sides; Glasliner or approved equal. Color: “Ivory”.

SECTION 10200 - LOUVERS AND VENTS

A. Provide Louvers per Mechanical Drawings:
   1. Fixed Blade Aluminum Soffit Vents.

B. Provide Roof and Wall Vents per Mechanical Drawings:
   1. Hinged Pressurized Wall Vents (if needed).

SECTION 10260 - WALL AND CORNER GUARDS

A. Provide wall corner guards at all exterior corners; see noted floor plan for location and information:
   1. Surface mounted corner guards; Korogard G-100 series or equal; 8’ high; Color “Porcelain”.
   2. Surface mounted chair rail system; Korogard CH-20 series or equal; Color “Porcelain”.

SECTION 10440 - SIGNAGE

A. Exterior Signage; Utility rough-in only included; Owner to provide and install.
B. Interior Signage; none required by GC. Owner to provide and install all accessible compliance signage required for occupancy as well as additional signage.

SECTION 10500 - METAL CANOPY

A. Provide Building supported, pre-engineered metal canopies including fascia channels, decking, tension rods, and attachment hardware:
   1. Finish: Anodized Aluminum.
   2. Overall Size: 4'-0" deep x 9'-0" wide.
   3. Canopy Supports: 3" x 3" x .25 Extruded Aluminum Canopy Support “I” Beam.
4. Decking: 3” x 6” x .078 Interlocking, Extruded Aluminum Flat soffit decking.
5. Attachment: 1” diameter steel hanger rod finished to match canopy.
6. Fascia Profiles: 8” Industrial.
7. Anchors and Fasteners: Stainless steel or hot dip galvanized and corrosion resistant.
8. Framing: Extruded aluminum “J” channel fascia; 8” x .125”.

B. Design Requirements: Design canopy system to withstand wind pressure, snow load, and drifting snow load in accordance with current adopted form of the Uniform Construction code or accepted requirements of local municipality

SECTION 10503 – METAL LOCKERS

A. Provide & install floor mounted lockers per provided vendor information. Triple Tier standard: 6'-0" high units; 12" wide lockers. Salsbury Industries, Inc. (18) total locker compartments each for UCC & PCP; base enclosure required; see plans for break room location. Color: “Grey”.
1. (4) 3’ wide units total.

B. Refer to Vendor supplied information.

SECTION 10522 - FIRE EXTINGUISHERS AND CABINETS

A. Provide (2) recessed portable fire extinguisher cabinets per suite as indicated on the plans.
1. Recessed Fire extinguisher cabinet with glass front. Extinguisher to be multi-purpose dry chemical type; 5 lb capacity.

SECTION 10600 - METAL GATES

A. Provide swinging double gate doors to screen mechanical equipment including latching & attachment hardware:
1. Finish: Powder Coated Aluminum.
2. Overall Size: 4'-0" high x 8'-0" wide.

B. Refer to Vendor supplied information.

SECTION 10800 - TOILET ACCESSORIES

A. Provide toilet accessories and install as indicated on plans for toilets:
1. Grab bars; 1 set per water closet; Surface-mounted.
2. 24” Mirror units; 1 per lavatory; Surface-mounted.
3. Specimen Door units; Bobrick B-505 Specimen Pass-Thru Cabinet as noted on plans; Split Jamb mounted.
4. Sanitary Napkin Disposal units; Bobrick B-270; Stainless steel.

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5. Baby Changing Station units; Bobrick KB-200-00; Cream.
6. Mop Holder units; Bobrick B-233; Stainless steel.

B. Install owner provided toilet accessories as indicated on plans:
1. Soap dispenser unit; 1 set per sink; Surface-mounted.
2. Paper Towel dispenser unit; 1 per sink; Surface-mounted.
3. Toilet Tissue dispenser unit; 1 per water closet; Surface-mounted.

SECTION 10900 – PRIVACY CURTAINS

A. Provide & install ceiling mounted privacy curtain including track per provided vendor information. Only required at Procedure room; see plans for location.
1. (1) 10’ wide unit.

SECTION 11452 – RESIDENTIAL APPLIANCES

A. None included; Owner to provide all break room appliances.

SECTION 12375 - PREFABRICATED CABINETS

A. Provide prefabricated cabinets in kitchen and bathrooms; Custom fabrication, typical.
1. Materials: Laminate; Color: Formica #7012-58 “Amber Maple”.
2. Face Style: Flush overlay.
3. Frame Fabrication: Frameless with adjustable shelves.
4. Finish: Laminate to be selected by tenant.
5. Hardware: European hinges and wire pulls; Manufacturer’s standard.
6. Drug Cabinet: Electric strike to control access and continuous hinges.

B. Work Station Counters:
1. Materials: Plastic laminate, 0.050 thickness with particleboard substrate.
   Color: Formica #6222 RD “Brazilian Granite”.
2. Countertop Front Profile: Square Edge.
4. Countertop Backsplash: 4” high with square edge.
6. Countertop wall supports: wall mounted for no floor obstruction; No square terminations or edges in leg range.

C. Reception Station Counters:
2. Countertop Front Profile: Eased Edge.
3. Countertop Cove Profile: Eased Edge.
4. Countertop Backsplash: 4” high with square edge.
D. Window Sills & Airlock Wall Caps:
2. Countertop Front Profile: 2” Deep Eased Edge.

E. Reception Station Wall Cladding:
1. Materials: Plastic laminate, 0.050 thickness with particleboard substrate.
   Color: Formica #6209-43 “Prestige Walnut”.

SECTION 12500 – WINDOW TREATMENT
A. Contractor to provide window coverings as follows:
   1. Size: 1” Mini blinds for all exterior suite windows.
   2. Color: Bali, #65 “Almost White”.

SECTION 13090 – RADIATION PROTECTION
A. Provide radiation shielding for X-ray medical equipment provided by owner.
   Coordinate with vendor requirements, typical.
   1. 1/16” lead lined GWB to 7’-0” A.F.F. typical.
   2. Lead lined window unit at console area; see plans and Specification Section 08110 for info.
   3. Lead lined 4’-0” wide door; see plans and Specification Section 08110 for info.
   4. Lead sheets for lining behind electric and data boxes, etc. see plans for utility info.

B. Refer to Vendor supplied information.

SECTION 15400 – PLUMBING PROVISIONS
A. Provide Plumbing systems as follows;
   1. Domestic insulated hot and cold water piping systems to be copper pipe.
   2. Drain, waste, and vent systems; below ground metal & above ground to be PVC.
   3. Provide Water Softening system as part of total plumbing package.
   4. Plumbing fixtures and trim.
   5. No medical gases or caustic waste water.
   6. Solenoid valve and switch at Drug Toilet near Lab & Staff Toilet.
   7. Provide eye wash with mixing valve in Lab area and Janitor Closets.

SECTION 15500 – HVAC PROVISIONS
A. Provide HVAC as follows;
   1. Provide complete heating, ventilating and air conditioning systems as needed for a complete and proper installation per ASHRAE 90.1-2007 and Virginia Mechanical Code.
3. Programmable Thermostats with programmable fan cycle, typical.
4. Note ventilation for toilet areas, supply closet, and transformer room.
5. Independent CRAC unit for IT & X-ray rooms.
6. Owner to retain independent commissioning agency to complete thorough inspections prior to acceptance and occupancy. Subcontractor should expect to coordinate closely during construction and commissioning period.
7. Bollards required at all ground mounted equipment; coordinate with site work.

SECTION 16100 - ELECTRICAL PROVISIONS

A. Furnish, install, wire and connect a complete electrical system, including all equipment, accessories, devices, controls, interlocking, etc., required for the following listed systems. Each system shall be installed in a manner which will fully comply with all applicable requirements of the 2011 NEC, 2012 IBC, ADA, specified NFPA Standards, manufacturer's recommendations. Such systems shall include the following:

1. Interior Power Distribution - Overcurrent protection devices, conduit, wiring, disconnect switches, equipment connections, boxes, switches, receptacles, fittings, cover plates, and miscellaneous electrical devices. All trim component to be “Ivory” color; coordinate with the IT vendor.
2. Interior Lighting - Lighting fixtures, ballasts, lamps.
5. IT System Interior Components - Conduit System for data outlet boxes only at individual drops. Provide rack mounted power in IT room. Provide clear pathways for cable routing throughout the building.
6. IT System Exterior Components – Provide Conduit System for data service entry with innerduct cable separation liners; coordinate with site work and utility providers.
7. Telephone, Security, and Cable Television System – Conduit System for outlet boxes only for interior drops. Provide Conduit System for service entry with innerduct cable separation liners; coordinate with site work and utility providers.
8. X-ray room systems per Exhibit E including “In-Use” Light at entry door connected to control area. E-stop device with protector ring to prevent accidental activation.
9. X-ray room rough in standards: No surface mounted tracks, raceways, etc. allowed; all such items to be recessed into floor slabs and walls, typical. This requirement supersedes any conflicting notes on the vendor’s installation drawings.
10. Solenoid valve and switch at Drug Toilet near Lab & Staff Toilet.

B. Refer to X-ray Vendor supplied information.

END OF SPECIFICATIONS