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Addendum No. 2
Bid Date: Feb 13th, 2024
Plans, Specifications and Contract Documents
for
McCreary Co. Spec. Building Fit-up for
McCreary Co. Industrial
Development Authority

ADDENDUM NO. 2 - ISSUE DATE: 2-7-24

The following additions, deletions, changes or revisions are issued herewith and become a part of the Project Documents. Addendum No. 2 consists of thirty four (34) 8.5x11 pages, two (2) 24x36.

Item 1: Building permit fees have been paid for by the Owner.

Item 2: Existing coiling doors #4 & #5 to remain, replace seals and provide medium duty motor operators are Cornell Thermiser (by Raynor) rolling doors Serial No. J2006064954-001.

Item 3: Existing PEMB Manufacturer is Metallic, built in 2005. Existing warranty on wall and roof panels is on finish only. A pdf copy of Metallic PEMB shop drawings from 2005 is available by emailing eloy@mselex.com.

Item 4: Roof inspection was performed in Sept 2023 by Melson Roofing, 5026 Hwy 55 South, Columbia, KY 42728, (270) 384-5433, contact Tony Grant. "After inspection of the roof located on Industrial Lane at Hwy 2792 known as the McCreary Spec. building in Pine Knot, KY. The roof panels are still in good condition and with no visible rust. All screws on roof needs to be replaced with oversized screws. Rake edge metal needs to be resealed and a curb on top needs to be resealed." Provide a five year warranty on roof fastener and resealing replacement work.

Item 5: Existing storefront at office area, clean windows and reseal frames. Intent is not to remove glass or replace gaskets, unless noted otherwise.

Item 6: Dock levelers shall be air powered per Specification 11160, do not provide hydraulic.

Item 7: Grass seeding is only in areas disturbed during construction. Existing grass undisturbed during construction will not require seeding.

Item 8: Interior iPanel SIP system – contact Mike Peterson 502-639-7641 w/Outdoor Venture Corporation. Panels will be measured, fabricated and provide complete system. Manufacturing plant is less than 10 miles away from project in Stearns, KY. Thermal break tape is not required at girts.

Item 9: Insulation system for main building Manufacturing area is part repair of existing, and new retrofit system with banding and stick pins or attachment (see A/A-3). Insulation system at main building Warehouse area is repair of existing only. Insulation system at Office area is part repair of existing, and new retrofit system at roof and above masonry (see B/A-3). New stud wall with batt insulation is to be installed adjacent to masonry. The intent to repair existing insulation needs to be done using a system for patching or banding, the intent is not to remove existing wall or roof panels to make insulation repairs.

Item 10: Solid core wood doors on A-6 door schedule (#11, 12A, 12B, 13) shall be “factory primed doors and painted onsite”. Delete references to wood veneer and finish.

Item 11: Any Contractor who needs to visit the existing McCreary Co Spec. Building shall contact Nathan Nevels at 606-376-0203 to schedule.

Item 12: Several primary column bases have extensive rust at bottom plates, anchor bolts and nuts requiring repair/replacement. Eighteen column bases have been identified, and to address during bidding, an allowance has been added to Bid Schedule, and unit pricing for repairs. The allowance and unit prices will all for a strategy during construction to address these repairs in conjunction with PEMB Manufacturer Metallic and Structural Engineer. Columns H4 and adjacent portal frame column, H7 and adjacent portal frame column, G1, G4, G7, G8, G9, F9, E9, D9, C9, B9, A9, A8, A3 and A1. To address these column bases the following work is anticipated, unit pricing for column base replacement and opening CMU walls to access bases, each column base shall be sandblasted/cleaned, column structure shored via 1” plate steel base and cribbing as required, uninstall/reinstall tension rods, cut off 2’ above FFE to column base, install new base plate with modified anchor bolt locations (column material to match existing PEMB shop drawings) weld new base by certified welders, reinstall tension rods if present.

Item 13: Third party testing and Special Inspections shall be by Owner selected company, an allowance has been added to the Bid Schedule revised via addendum (attached herein).

Item 14: Window type A on upper walls of Main PEMB building have a center mullion per elevation on Sheet A-6. Specification 08410 Aluminum Windows is a performance specification, additional manufacturers Oldcastle or Trulite would be acceptable.

Item 15: Specification 08361 Sectional Insulated OH Doors, part 2.01, add Amarr, Raynor and Cornell or equivalent to Manufacturers list.

Item 16: See updated A-1 floor plan, Door #20 has changed and moved to a 9’-0” x 9’-0” insulated rolling door. Provide an Overhead Model 625 insulated rolling door, with chain hoist, white color w/ R-7.7 or equivalent by Other Door Manufacturers (Amarr, Raynor, Cornell, etc).

Attachments:

Specification 00310 Bid Schedule (revised)

MEP Addendum #1 (4 pages) McCreary Co. Spec Building Fit-up

MEP Addendum #2 (3 pages) McCreary Co. Spec Building Fit-up

Specification 09650 Resilient Flooring (updated)

Specification 09900 Painting (updated)

Specification 10426 Identifying Devices (updated)

Specification 10522 Fire Extinguishers and Accessories (updated)

Specification 10800 Toilet Room Accessories (updated)

Sheet A-1 Floor Plan (revised) Added fire extinguishers, notations for interior elevations, and Door #20 changed to 9'x9' coiling door.

Sheet A-5 Interior Elevations (revised) Added cabinet section detail, revised flooring finish on schedule, added tags to toilet accessories, updated finish notes.

END OF ADDENDUM NO. 2

SECTION 00310 - BID SCHEDULE

Proposal of _____ (hereinafter called "BIDDER"), organized and existing under the laws of the State of _____ doing business as _____ *

to the McCreary Co. Industrial Development Authority (hereinafter called "OWNER").

In compliance with your Advertisement for Bids, BIDDER hereby proposes to perform all WORK for the McCreary Co. Spec Building Fit-up in strict accordance with the Contract Documents, within the time set forth and the prices stated below.

By submission of this BID, each BIDDER certifies, and in the case of a joint BID, each party thereto certifies as to its own organization, that this BID has been arrived at independently, without consultation, communication, or agreement as to any matter relating to this BID with any other BIDDER or with any competitor.

BIDDER hereby agrees to commence Work under this contract on or before a date to be specified in the Notice to Proceed and to complete the Project within two hundred and ten (210) consecutive calendar days following the Notice to Proceed. BIDDER further agrees to pay as liquidated damages, the sum of \$500.00 for each consecutive calendar day thereafter as provided in the General Conditions and the Special Conditions.

BIDDER agrees to perform all the WORK described in the CONTRACT DOCUMENTS for the lump sum contained in the following Bid Schedule.

*Insert "a corporation", "a partnership", or "an individual" as applicable.

Item	Description	Unit	Cost of Item
1.	Architectural and Structural Items	LS	\$ _____
2.	Mechanical/Plumbing Items	LS	\$ _____
3.	Fire Sprinkler System Items	LS	\$ _____
4.	Electrical Items	LS	\$ _____
5.	Allowance 1 – Special Inspections	LS	\$ 20,000
6.	Allowance 2 – Water Co. fire vault	LS	\$ 45,000
7.	Allowance 3 – Steel Column base plate repair	LS	\$ 100,000
8.	All Other Miscellaneous Costs	LS	\$ _____
TOTAL COST OF ITEMS 1 - 8			\$ _____

Unit Costs	Description	Unit	Unit Price
A.	Electrical – buss duct, provide unit price for additional plugs	_____	_____
B.	Structural – existing PEMB one column base repair Shore up existing primary steel column (base shore with cribbing on 1” steel plate as required), cut off 2’ above FFE to column base, install new steel column base and plate (type to match existing PEMB shop drawings) with new epoxy anchors if modified placement (welding by certified welders only).	_____	_____
C.	Structural – column base repair adjacent to CMU Cut opening in existing masonry 2 blocks wide (36”) by 5 blocks tall (40”) to access backside of column base for repair Reinstall matching CMU to infill after column repair.	_____	_____

The bid prices shall include all labor, materials, overhead, profit, insurance, and other costs necessary to install the finished work of the several items called for. Changes shall be processed in accordance with the General Conditions.

This is an invitation for offer to bid, not an offer to enter into a contract.

Accompanying this Proposal is a certified check or standard Bid Bond in the sum of _____ Dollars (\$ _____), in accordance with the Information for Bidders. The BIDDER, by submittal of this Bid, agrees with

the OWNER that the amount of the bid security deposited with this Bid fairly and reasonably represents the amount of damages the OWNER will suffer due to the failure of the BIDDER to fulfill his agreements as provided in this Proposal.

Addenda to the Drawings and Specifications issued heretofore are hereby acknowledged by the undersigned as being:

No. _____	Date: _____	No. _____	Date: _____
No. _____	Date: _____	No. _____	Date: _____

BIDDER understands that the OWNER reserves the right to reject any or all Bids and to waive any informalities in the Bidding.

BIDDER agrees that this Bid shall be good and may not be withdrawn for a period of sixty (60) calendar days after the actual date of bid opening.

Within ten (10) calendar days after receiving written notice of the acceptance of this Bid by the OWNER, the Bidder will execute and deliver to the OWNER four (4) copies of the Agreement and such other required Contract Documents.

BIDDER: _____
(Name of Company or Partnership)

By: _____
(Signature) (Date)

(Print Name) (Title)

(Street Address/P.O. Box) (Phone Number)

(City, State, Zip)

(Email Address)

Attested By: _____
(Signature) (Date)

Seal (If bid is by a corporation)

END OF SECTION

MEP ADDENDUM #1

Item P-1; Refer to Drawings, Sheet P-2:

1. Water Heater WH-3 to be provided with the following accessories:
 - a) Max setpoint of 90 deg.F.
 - b) NEMA 4 cabinet
2. Line size to eyewashes EW is to be 3/4" in size in lieu of 1/2".

Item P-2; Refer to Drawings, Sheet P-3:

1. Refer to Eyewash EW Details; Lines sizes are to be 3/4".
2. Refer to Detail 3. Hot water WH-2 is to feed the sink and the eyewash EW on the other side of the wall. Provide 1/2" hot water line out of the eyewash to feed the EW and the lavatory; each line to have its own shut-off ball valve. Provide piping to eyewash as per attached detail "Eyewash Tempering Piping Schematic". Cold water line (3/4") to drop separately to eyewash as shown on Sheet P-2.
3. Gas meter detail in conceptual only; Contractor to contact the serving gas utility and to construct the gas riser in accordance with serving utility requirements.

Item P-3; Refer to Drawings; Sheet U-1:

1. Contractor is responsible for arranging natural gas service to the building and for construction the gas riser in accordance with gas utility requirements. Contractor to pay all costs required by serving utility to provide natural gas service in size indicated.
2. Plumbing contractor to connect new water line in the fire vault constructed by water company. Connect downstream of the domestic water meter and run out of vault to serve the building. Disregard indication of separate domestic water meter and meter detail.

Item FP-1: Refer to Drawings; Sheet U-1:

1. Contractor is responsible for coordinating with the water company the construction of the fire protection vault. Contractor to include an allowance for the vault of \$45,000.00, in their bid. This value will be adjusted by Contract Change Order upwards or downwards to account for the actual cost of the vault. Contractor to coordinate the double detector check valve assembly to ensure that the water company provides a low pressure loss device equal to the AMES "Silver Bullet" 3000SS or equal to allow for the hydraulic calculations to be sufficient. Water utility purportedly will include in their cost the exterior fire suppression line up to within 5'-0" of the building perimeter.

Item FP-2; Refer to Drawings; Sheet FP-1:

1. The flow data indicated on the Drawings was provided per McCreary County Water District. The source of the water flow location is not correct; source of the water is the 12" ductile iron main in Airport Road going to the water tower.
2. The Anticipated demand waterflow for fire suppression is indicated under "Sprinkler Design Requirements".
3. A riser check valve is acceptable for the alarm valve, subject to provision of an electric alarm bell and flow switch.
4. A butterfly valve with tamper switch may be used in lieu of an OS&Y valve.

Item E-1; Refer to Drawings, Sheets: E-2 & ES-1

1. Light fixture schedule basis of design updated to schedule below

LUMINAIRE SCHEDULE							
TYPE	MFG	CATALOG #	LAMP	VOLTAGE	LUMENS	WATTS/FIXTURE	NOTES
A2	TOPAZ	PL24-40WPCTS-D	LED	120	5200 MAX	40-MAX	PANEL RECESSED IN CEILING OR SURFACE MOUNTED IF NEEDED (PL24-FRAME-LP) , SWITCHABLE LUMENS, 0-10V DIMMING
A2B	TOPAZ	PL24-40WPCTS-D-EM	LED	120	4000 MAX	36-MAX	PANEL RECESSED IN CEILING OR SURFACE MOUNTED IF NEEDED (PL24-FRAME-LP), SWITCHABLE LUMENS, 0-10V DIMMING, INTEGRAL BATTERY BACKUP
C1	NICOR	CDG6138SUS9WHW HMD	LED	120	3200 MAX	38 - MAX	PANEL RECESSED IN CEILING, SWITCHABLE LUMENS, 0-10V DIMMING
L1	TOPAZ	LVT4-50PCS/ F-LED cable 2pk	LED	120	7200 - MAX	50 - MAX	SWITCHABLE LUMENS (2990/4550/6240), CABLE HUNG AT 9' AFF
L1B	TOPAZ	LVT4-50PCS-EM / F-LED cable 2 pk	LED	120	7200 - MAX	50 - MAX	SWITCHABLE LUMENS (2990/4550/6240), CABLE HUNG AT 9' AFF, INTEGRAL BATTERY BACKUP
H1	NICOR	HBC5240SUS8BK HBC V5 240W DSLCT 80CRI BK	LED	120	33600 - MAX	240 - MAX	SWITCHABLE LUMENS (24300 TO 33600), CABLE HUNG AT 20' AFF
EX	TOPAZ	ES/LED/RW/	LED	MVOLT	-	2	LED EXIT SIGN WITH CONFIGURABLE BI-DIRECTIONAL LETTERING. WHITE PLASTIC HOUSING WITH RED LETTERS
OL1	Nicor	OWG4100SUNVSBZ	LED	120	13000 MAX	100-MAX	WALL MOUNTED AT 20' AFG. SELECTABLE WATTAGE. COORDINATE EXACT SETTING IN FIELD.
OL2	Nicor	EDT1MV5KBZPSC	LED	120	1275 MAX		EMERGENCY BATTERY EGRESS LIGHT. WALL MOUNTED AT 10' AFG.
OL3	Nicor	OAL3150SUNVSBZ3/OLA3STRAIGHTARM BZ	LED	120	20000	150	POLE MOUNTED AREA LIGHT ON 20' POLE. OPL451RD20A BZ
OL4	Nicor	OAL3150SUNVSBZ3/OLA3STRAIGHTARM BZ	LED	120	20000	150	POLE MOUNTED AREA LIGHT ON 20' POLE. OPL451RD20A BZ

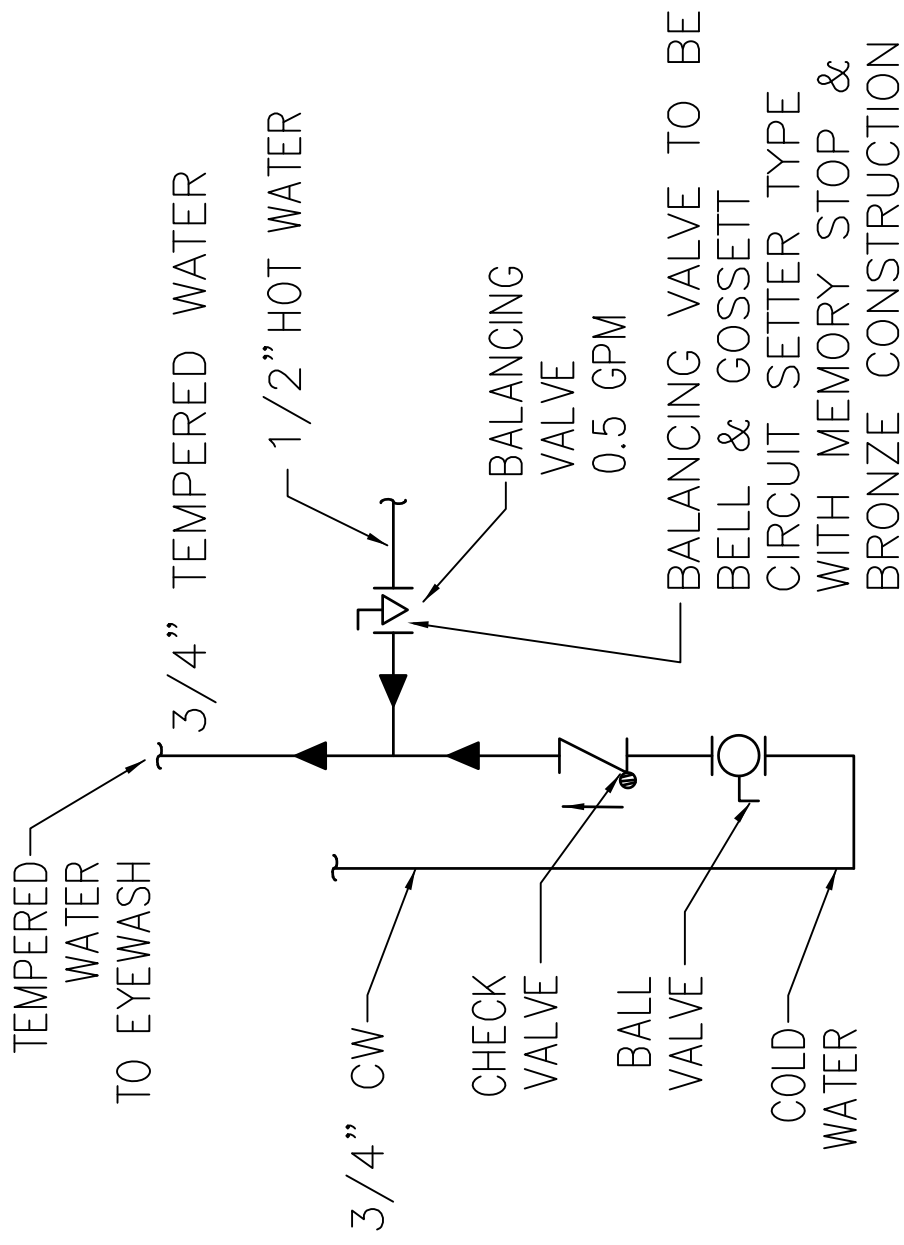
- a. Any alternate lighting packages must be approved by the architect prior to bid
- b. All poles are to be NICOR OPL451RD20A BZ

Item E-2; Refer to Drawings, Sheet: ES-1

1. Provide 2 tamper and flow switches in new fire protection pit. Coordinate location with plumbing plan.
2. Provide 1" conduit from electrical room to fire pit for fire alarm cabling

Item E-3; Questions

1. Has utility fees been established by power company?
 - a. No.
2. Has utility fees been previously paid in original project?
 - a. No
3. Will contractor or owner be responsible for utility fees (please clarify)?
 - a. Owner will need to coordinate this with the utility company under a separate contract.
4. Electrical – Electrical plan sheet notes referenced buss duct calls for approx. 30 buss duct plugs please clarify if owner or contractor to furnish & exact amount needed.
 - a. Provide 30 plugs. Provide unit price for buss duct plugs and coordinate with owner on any additional plugs.
5. Fire Alarm – We ask to Add Edwards Fire Alarm Manufacture to the approved Manufacture list.
 - a. Edwards is an approved equal.



EYEWASH TEMPERING PIPING SCHEMATIC

NO SCALE

MEP ADDENDUM #2

Item E-1; Refer to Drawings; Sheet ES-1:

1. PROVIDE (2) NEW 4" UNDERGROUND CONDUITS FROM UTILITY SERVICE DEMARK TO LOCATION OF PAD MOUNTED TRANSFORMER FOR NEW PRIMARY SERVICE TO NEW TRANSFORMER.
2. EC TO PROVIDE NEW TRANSFORMER PAD FOR NEW UTILITY TRANSFORMER. COORDIATE SPECIFICATIONS WITH LOCAL UTILITY
3. OMIT CT CABINET AND METER ON BUILDING. THESE WILL BE INTEGRAL TO UTILITY TRANSFORMER.

Item E-2; Refer to Spec: 260500

1. PART 9.2 - The breakdown shall be minimally as follows
 - a. Permitting
 - b. Mobilization
 - c. Electrical Shop Drawings/Submittals
 - d. Electrical Coordination Drawings
 - e. Temporary Power
 - f. Lighting Materials & Labor (including controls)
 - g. Electrical Distribution (Switchgear) Materials & Labor
 - h. Feeders Materials & Labor
 - i. Branch Circuiting Materials & Labor
 - j. Service Grounding Materials & Labor
 - k. Electrical Devices Materials & Labor
 - l. Fire Alarm Materials & Labor
 - m. Fire Alarm System Startup, Testing, & Verification (shall equal 5% of Equipment Value)
 - n. Electrical Distribution Equipment Startup, Testing, & Verification (shall equal 2.5% of Equipment Value)
 - o. Owner Training & Acceptance
 - p. Punchlist
 - q. As-Built/Record Drawings & Acceptance
 - r. O&M Manuals & Acceptance
 - s. Warranty
 - t. Demobilization
2. PART 10.4 –
 - a. All light fixtures shall have a five (5) year unconditional warranty. (Parts only)
3. PART 15.1-
 - a. The Contractor shall provide the local utility company with a drawing acceptable to the utility that locates the centerline of the primary duct. Coordinate further requirements with utility company.

Item E-3; Refer to Spec: 260519

1. PART 1.5 -
 - a. Omit section "A".

2. PART 2.1
 - a. SECTION G – Fire alarm cabling is to be installed in conduit in concealed areas. In open areas, provide bundle rings up high.
 - b. SECTION P – MC cable is NOT required to be hospital grade.
3. PART 3.4
 - a. D.1 – Follow up scans may be completed by building maintenance.
 - b.

Item E-4; Refer to Spec: 260526

1. PART 3.6 -
 - a. Omit section “G.1 and 2”.

Item E-5; Refer to Spec: 260533

1. PART 1.2 -
 - a. Section G - Minimum size of voice/data/tv shall be 3/4”
 - b. Section K – fire alarm cabling shall be in conduit only in concealed areas. Only junction boxes are required to be painted or manufactured red.
2. PART 2.1
 - a. SECTION J.9 - Fittings for EMT conduits 1-1/4" and smaller shall be of steel, compression type. Fittings for sizes larger than 1-1/4" shall be setscrew, with two setscrews each side. Conduit stops shall be formed in center of couplings. All EMT connectors and couplings shall be of formed steel construction. All connectors shall be insulated throat type.
3. PART 2.7
 - a. Section J - Channel strut systems for supporting electrical equipment or raceways shall be constructed of 14 gauge minimum hot dip galvanized steel with 9/16" diameter holes on 8" centers, with finish coat of paint as manufactured by Unistrut, B-Line, Kindorf, or approved equivalent.
4. PART 2.9
 - a. Omit section G
5. PART 2.10
 - a. Section A - Outlet boxes shall be 4" square by 2-7/8" deep with single or double-gang with raised extension ring
 - b. Omit section B
6. PART 3.1
 - a. Section A.3 – omit reference to concrete encasement.
7. PART 3.2
 - a. Section FF – omit section
 - b. Section RR - All underground conduits shall be buried to minimum depth of 36" from the top of the raceway to finished grade, unless otherwise noted on plans or specifications. Observe minimum burial requirements of local utility company where their standards or regulations apply. Conduits containing primary power conductors, (higher than 600 volts to ground) shall be 42" to top below finished grade, unless otherwise noted on plans. Conduits containing secondary power conductors, (600 volts and less to ground) shall be 36" to top below finished grade, unless otherwise noted on plans
8. PART 3.4
 - a. Section H – omit section

Item E-6; Refer to Spec: 260550

1. PART 1.2 –

- a. Section A - The Contractor and equipment supplier shall submit to the Architect and/or Engineer, fire alarm system shop drawings complete with catalog cuts, descriptive literature and complete system wiring diagrams for their review in IN CONJUNCTION WITH the Contractor's submittal to the Commonwealth's Department of Housing, Buildings and Construction or other governing authority for their review. No work shall be done until drawings are approved by the Kentucky Department of Housing, Buildings and Construction

Item E-7; Refer to Spec: 262726

1. PART 2.6 –
 - a. SECTION A - Unless otherwise specified or noted, all wiring device plates and covers shall be galvanized Steel. Plates shall have circuit designation engraved in the face.

Item E-8; Refer to Spec: 271000

1. PART 1.1 –
 - a. Section 2 - (2) Two (2) 3" conduits from the two (1) termination boards at the main telecom demark (demarcation point) to the Service location for fiber service wiring. Provide pull-string in these conduits for the various service company's use.

E-9; Refer to Spec: 283116

1. PART 3.01
 - a. Section D - Wiring Method: Install cables in raceways and bundle rings within consoles, cabinets, desks, and counters and except in accessible ceiling spaces and in gypsum board partitions where unenclosed wiring method may be used.

E-10; Refer to Spec: 260533 and Sheet E-0

1. Minimum size conduit for power/lighting is to be 3/4"

E-11; Refer to Spec: 260533 and Sheet E-4

1. Minimum size conduit for communication is to be 1.25"

E-12; Question

1. Question – can MC cable be used inside of walls.
 - a. Yes

E-13; Refer to Sheet E.1

- a. Circuit EF-3 to 20A spare breaker in panel LP1-67

E-14; Refer to Sheet E.2 and E.4

1. H1 is to be cable hung

SECTION 09650 - RESILIENT FLOORING

PART 1 - GENERAL

1.01 SUMMARY

- A. Extent of resilient flooring and accessories as shown on Drawings and Specified herein.

Work includes:

1. Vinyl Cove Base
2. Luxury Vinyl Tile/Plank
3. Vinyl Edge Strips
4. Adhesives

1.02 SUBMITTALS

- A. Product Data: Submit manufacturer's technical data and installation instructions for resilient flooring and accessories in accordance with Section 01300.
- B. Samples: Submit, for verification purposes, samples of each type, color and pattern of resilient flooring and accessory required, indicating full range of color/pattern variation.
- C. Maintenance Instructions: Submit copies of manufacturer's recommended maintenance practices for each type of resilient flooring required to Owner.

1.03 QUALITY ASSURANCE

- A. Comply with governing codes and regulations. Provide products of standard quality of manufacturers as specified. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.
- B. Provide materials and adhesives which do not contain asbestos.

PART 2 - PRODUCTS

2.01 MATERIALS

Refer to Finish Schedule on Drawings for styles and colors of specified materials.

- A. Vinyl Cove Base, 4, high x ,” gauge set-on type, as manufactured by Tarkett or approved equal, and furnished in 120' long rolls meeting the requirements of ASTM F1861, Type TV, Group 1 and ASTM E-648/NFPA 253, Class 1.
- B. Luxury Vinyl Tile/Plank shall be Interface, glue-down resilient planks, size 5” x 40”, 3mm thickness with 22 mil wear layer, Class III, Type B, meeting ASTM E662, ASTM E648.

- C. Vinyl edge strips for installation at locations where resilient flooring terminates at exposed concrete floors shall be manufacturer's standard black or dark brown as selected, vinyl tapered edge strips, 3/32" butting gauge.
- D. Adhesives and primers shall be as specifically recommended by resilient flooring materials manufacturer's for adherence of material approved for use to surfaces where shown or as scheduled.

PART 3 - EXECUTION

3.01 INSPECTION

- A. Make a thorough examination of surfaces to receive resilient flooring. If surfaces are defective and will not permit a proper finished installation, immediately notify the Architect in writing, or assume responsibility for and rectify any resulting unsatisfactory condition.
- B. Inspect floor for holes, cracks and smoothness. Test for dryness. Do not proceed with laying until subfloors are dry and smooth, holes and cracks filled.

3.02 PROJECT CONDITIONS

- A. Substrate Conditions: The installer shall verify in writing to the Owner, a minimum of 30 days prior to scheduled resilient flooring installation, the following substrate conditions:
 - 1. Moisture: Initial emission rate, as tested with a calcium chloride test kit.
 - 2. Alkalinity: pH range of 6-8. Must not exceed pH of 10.
- B. Install resilient flooring and accessories after they have the same temperature as the space and after other finishing operations, including painting, have been completed. Moisture content and alkalinity level of concrete slabs, as well as environmental conditions, must be within limits recommended by manufacturer of products being installed.

3.03 PREPARATION AND INSTALLATION

- A. Broom clean or vacuum surfaces to be covered, and inspect subfloor. Start of flooring installation indicates acceptance of subfloor conditions and full responsibility for completed work.
- B. Accessories: Apply resilient base to walls, columns, pilasters, casework and other permanent fixtures in rooms or areas where base is required. Install base in lengths as long as practicable, with preformed corner units or fabricated from base materials with

mitered or coped inside corners. Tightly bond base to backing throughout length of each piece, with continuous contact at horizontal and vertical surfaces.

1. On masonry surfaces or other similar irregular surfaces, fill voids along top edge of resilient wall base with manufacturer's recommended adhesive filler material.
2. Place resilient edge strips tightly butted to flooring and secure with adhesive. Install edging strips at edges of flooring which would otherwise be exposed.

3.05 CLEANING AND PROTECTION

- A. Immediately upon completion of the resilient flooring remove any excess adhesive or other surface blemishes, using neutral type cleaners as recommended by flooring manufacturer.
 1. Do not wash or machine scrub linoleum for at least 3-5 days after installation.
 2. Do not strip factory finish from linoleum sheet flooring per Manufacturer recommendations.
- B. Protect installed flooring with heavy Kraft paper or other covering.
- C. Finishing: After completion of project and just prior to final inspection of work, thoroughly clean all floors and accessories.

End of Section

SECTION 09900 - PAINTING

PART 1 - GENERAL

1.1 DESCRIPTION OF WORK

- A. Extent of painting work is shown on drawings and schedules, and as herein specified.
- B. The work includes painting and finishing of interior and exterior exposed items and surfaces throughout Project, except as otherwise indicated.
 - 1. Surface preparation, priming, and coats of paint specified are in addition to shop-priming and surface treatment specified under other sections of work.
- C. "Paint" as used herein means all coating systems materials, including primers, emulsions, enamels, stains, sealers and fillers, and other applied materials whether used as prime, intermediate, or finish coats.
- D. Surfaces to be Painted: Except where natural finish of material is specifically noted as a surface not to be painted, paint exposed surfaces whether or not colors as designated in "schedules". Where items or surfaces are not specifically mentioned, paint the same as similar adjacent materials or areas. If color or finish is not designated, Architect will select these from standard colors or finishes available.
- E. Do not paint over any code-required labels such as Underwriters Laboratories and Factory Mutual, or any equipment identification, performance rating, name, or nomenclature plates.

1.2 QUALITY ASSURANCE

- A. Single Source Responsibility: Provide primers and other undercoat paint produced by same manufacturer as finish coats. Use only thinners approved by paint manufacturer on published product data pages, and use only within recommended limits.
- B. Coordination of Work: Review other sections of these specifications in which prime paints are to be provided to ensure compatibility of total coatings system for various substrates. Upon request from other trades, furnish information or characteristics of finish materials provided for use, to ensure compatible prime coats are used. Test existing surfaces scheduled to receive new paint or epoxy coating to insure compatibility of new primer and paint system.
- C. Employ only experienced and competent mechanics.
- D. Field Quality Control: Prepare and finish a sample area or room as directed. Finish in accordance with specification requirements for Architect's approval of materials, color and workmanship. Approved area or room shall serve as Project Standard.

1.3 SUBMITTALS

- A. Product Data: Submit manufacturer's technical information including paint label analysis and application instructions for each material proposed for use.
- B. Provide Owner at completion of job, one gallon of paint of each color selected. Provide original unopened labeled containers with color sample and list of room numbers where used.

1.4 DELIVERY AND STORAGE

- A. Deliver materials to job site in original, new, and unopened packages and containers bearing manufacturer's name and label, and following information:
 - 1. Name or title of material.
 - 2. Federal Specification number, if applicable.
 - 3. Manufacturer's stock number and date of manufacturer.
 - 4. Manufacturer's name.
 - 5. Contents by volume, for major pigment and vehicle constituents.
 - 6. Thinning instructions.
 - 7. Application instructions.
 - 8. Color name and number.
- B. Store materials not in actual use in tightly covered containers. Maintain containers used in storage of paint in a clean condition, free of foreign materials and residue.
 - 1. Protect from freezing where necessary. Keep storage area neat and orderly. Remove oily rags and waste daily. Take all precautions to ensure that workmen and work areas are adequately protected from fire hazards and health hazards resulting from handling, mixing, and application of paints.

1.5 JOB CONDITIONS

- A. Coordinate with other trades to insure adequate ventilation and dust-free environment during application and drying of paint.
- B. Maintain temperature and humidity within Manufacturer's recommended tolerances.
- C. Do not apply paint in snow, rain, fog, or mist; or when humidity exceeds 85%; or to damp or wet surfaces; unless otherwise permitted by paint manufacturer's printed instructions.
 - 1. Painting may be continued during inclement weather if areas and surfaces to be painted are enclosed and heated within temperature limits specified by paint manufacturer during application and drying periods.
- D. Painting Contractor shall provide stand mounted, high intensity, portable lighting for their use during painting to provide adequate illumination.

PART 2 - PRODUCTS

2.1 ACCEPTABLE MANUFACTURERS

- A. Manufacturer: Subject to compliance with requirements, provide paint products of one of the following:
 - 1. The Sherwin-Williams Company
 - 2. PPG
 - 3. Benjamin Moore
 - 4. Porter Paints
 - 5. Calhoun Farrell

2.2 MATERIALS

- A. Material Quality: Provide best quality grade of various types of coatings as regularly manufactured by acceptable paint materials manufacturers. Materials not displaying manufacturer's identification as a standard, best-grade product will not be acceptable.
 - 1. Proprietary names used to designate colors or materials are not intended to imply that products of named manufacturers are required to exclusion of equivalent products of other manufacturers.

PART 3 - EXECUTION

3.1 INSPECTION

- A. Applicator must examine areas and conditions under which painting work is to be applied and notify Contractor in writing of conditions detrimental to proper and timely completion of work. Do not proceed with work until unsatisfactory conditions have been corrected in a manner acceptable to Applicator.
- B. Starting of painting work will be construed as Applicator's acceptance of surfaces and conditions within any particular area.
- C. Do not paint over dirt, rust, scale, grease, moisture, scuffed surfaces, or conditions otherwise detrimental to formation of a durable paint film.

3.2 SURFACE PREPARATION

- A. General: Perform preparation and cleaning procedures in accordance with paint manufacturer's instructions and as herein specified, for each particular substrate condition.
 - 1. Provide barrier coats over incompatible primers or remove and re-prime as required. Notify Architect in writing of any anticipated problems in using the specified coating systems with substrates primed by others.
 - 2. Remove hardware, hardware accessories, machined surfaces, plates, lighting fixtures, and similar items in place and not to be finish-painted, or provide surface-applied protection prior to surface preparation and painting operations. Remove, if necessary, for complete painting of items and adjacent surfaces. Following completion of painting of each space or area, reinstall removed items.

3. Clean surfaces to be painted before applying paint or surface treatments. Remove oil and grease in accordance with SSPC SP-1, prior to mechanical cleaning. Program cleaning and painting so that contaminants from cleaning process will not fall onto wet, newly-painted surfaces.
- B. Cementitious Materials: Prepare cementitious surfaces of concrete, concrete block, to be painted by removing efflorescence, chalk, dust, dirt, grease, oils in accordance with ASTM D 4258/D 4259/D 4261 (CMV).
1. Determine alkalinity and moisture content of surfaces to be painted by performing ASTM D 4262. If surfaces are found to be sufficiently alkaline to cause blistering and burning of finish paint, correct this condition before application of paint. Do not paint over surfaces where moisture content exceeds that permitted in manufacturer's printed directions.
- C. Wood: Clean wood surfaces to be painted of dirt, oil, or other foreign substances with scrapers, mineral spirits, and sandpaper, as required. Sandpaper smooth those finished surfaces exposed to view, and dust off. Scrape and clean small, dry, seasoned knots and apply a thin coat of white shellac or other recommended knot sealer, before application of priming coat. After priming, fill holes and imperfections in finish surfaces with putty or plastic wood-filler. Sandpaper smooth when dried.
1. Prime, stain, or seal wood required to be job-painted immediately upon delivery to job. Prime edges, ends, faces, undersides, and backsides of such wood, including cabinets, counters, cases, paneling.
 2. When transparent finish is required, use spar varnish for back-priming.
 3. Seal tops, bottoms, and cut-outs of unprimed wood doors with a heavy coat of varnish or equivalent sealer immediately upon delivery to job.
- D. Ferrous Metals: Clean ferrous surfaces which are not galvanized or shop-coated of oil, grease, dirt, loose mill scale, and other foreign substances by solvent or mechanical cleaning in accordance with SSPC SP-1.
1. Touch up shop-applied prime coats wherever damaged or bare, where required by other sections of these specifications.
 - a. Clean and touch-up with same type shop primer.
- E. Galvanized Surfaces: Clean free of oil and surface contaminants with non-petroleum based solvent such as Great Lakes Laboratories "Clean N' Etch".

3.3 MATERIALS PREPARATION

- A. Mix and prepare painting materials in accordance with manufacturer's directions.
- B. Maintain containers used in mixing and application of paint in a clean condition, free of foreign materials and residue.

- C. Stir materials before application to produce a mixture of uniform density, and stir as required during application. Do not stir surface film into material. Remove film and, if necessary, strain material before using.

3.4 APPLICATION

- A. General: Apply paint in accordance with manufacturer's directions. Use applicators and techniques best suited for substrate and type of material being applied.
 - 1. Paint colors, surface treatments, and finishes are indicated in "Schedules" of the Contract Documents.
 - 2. Provide finish coats which are compatible with prime paints used.
 - 3. Apply additional coats when undercoats, stains, or other conditions show through final coat of paint, until paint film is of uniform finish, color, and appearance. Give special attention to ensure that surfaces, including edges, corners, crevices, welds, and exposed fasteners receive a dry film thickness equivalent to that of flat surfaces. Dry film thickness will be measured according to SSPC PA-2.
 - 4. Paint surfaces behind movable equipment and furniture same as similar exposed surfaces. Paint surfaces behind permanently fixed equipment or furniture with prime coat only before final installation of equipment.
 - 5. Paint interior surfaces of ducts, where visible through registers or grilles, with a flat non-specular black paint such as Sherwin-Williams: PM 400 Black, B30 or B400.
 - 6. Paint back sides of access panels, and removable or hinged covers to match exposed surfaces.
 - 7. Finish exterior doors on tops, bottoms, and side edges same as exterior faces unless otherwise indicated.
 - 8. Sand lightly between each succeeding enamel or varnish coat.
 - 9. Omit first coat (primer) on metal surfaces which have been shop-primed and touch-up painted unless otherwise indicated.
- B. Scheduling Painting: Apply first-coat material to surfaces that have been cleaned, pretreated, or otherwise prepared for painting as soon as practicable after preparation and before subsequent surface deterioration.
 - 1. Allow sufficient time between successive coatings to permit proper drying. Do not recoat until paint has dried to where it feels firm, does not deform or feel sticky under moderate thumb pressure, and application of another coat of paint does not cause lifting or loss of adhesion of the undercoat.

- C. Minimum Coating Thickness: Apply materials at not less than manufacturer's recommended spreading rate to establish a total dry film thickness as indicated or, if not indicated, as recommended by coating manufacturer. Dry film thickness will be measured according to SSPC PA-2.
- D. Mechanical and Electrical Work: Painting of mechanical and electrical work is limited to those items exposed in mechanical equipment rooms and in occupied spaces, and exposed exterior work that is not factory finish painted.
- E. Prime Coats: Apply prime coat of material which is required to be painted or finished, and which has not been prime coated by others.
 - 1. Re-coat primed and sealed surfaces where there is evidence of suction spots or unsealed areas in first coat, to assure a finish coat with no burn-through or other defects due to insufficient sealing.
- F. Pigmented (Opaque) Finishes: Completely cover to provide an opaque, smooth surface of uniform finish, color, appearance, and coverage. Cloudiness, spotting, holidays, laps, brush marks, runs, sags, ropiness, or other surface imperfections will not be acceptable.
- G. Transparent (Clear) Finishes: Use multiple coats to produce glass-smooth surface film of even luster. Provide a finish free of laps, cloudiness, color irregularity, runs, brush marks, orange peel, nail holes, or other surface imperfections.
 - 1. Provide satin finish for final coats unless otherwise indicated.
- H. Completed Work: Match approved samples for color, texture and coverage. Remove, refinish or repaint work not in compliance with specified requirements.

3.5 CLEAN-UP AND PROTECTION

- A. Clean-Up: During progress of work, remove from site discarded paint materials, rubbish, cans, and rags at end of each work day.
 - 1. Upon completion of painting work, clean window glass and other paint-spattered surfaces. Remove spattered paint by proper methods of washing and scraping, using care not to scratch or otherwise damage finished surfaces.
- B. Protection: Protect work of other trades, whether to be painted or not, against damage by painting and finishing work. Correct any damage by cleaning, repairing or replacing, and repainting, as acceptable to Architect.
 - 1. 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.

2. At the completion of work of other trades, touch up and restore all damaged or defaced painted surfaces.

3.6 ADJUST AND CLEAN

- A. Clean surfaces of spills, splatters, drips and stains from painting application.
- B. Replace and adjust finish hardware, accessories, fixtures and similar items removed from work.
- C. Touch-up damaged paint surface prior to acceptance of building by the Owner. Mix or thin touch-up paint as recommended by the Manufacturer and blend into existing paint.

3.7 PAINT SYSTEMS

- A. Paints listed are those of Sherwin-Williams unless noted otherwise.
Painting subcontractor wishing to use other products must submit their “or equal” for review during the bidding process. Please note that *colors have been selected*.
- B. Exterior Coating Systems:
 1. Ferrous Metals
Primer: Sherwin-Williams Industrial Enamel, B66W310 @ 2-2.5 mils dft
1st Coat: Sherwin-Williams Industrial Enamel, B66W310 @ 2-2.5 mils dft
2nd Coat: Sherwin-Williams Industrial Enamel B54W00101 @ 2.0-2.5 mils dft per coat
3rd Coat: Sherwin-Williams Industrial Enamel B54W00101 @ 2.0-2.5 mils dft per coat
 - a. Typical Applications: Overhead doors and frames, steel doors and frames, piping, pipe railing, miscellaneous metals.
 2. Zinc Coated Metals
Primer: Sherwin-Williams Pro Industrial ProCryl Universal Primer B66W310 @ 2.0-2.5 mils dft
1st Coat: Sherwin-Williams Pro Industrial ProCryl Universal Primer B54W00101 @ 2.0-2.5 mils dft
2nd Coat: Sherwin-Williams Pro Industrial ProCryl Universal Primer B54W00101 @ 2.0-2.5 mils dft
 3. Concrete Block
Provide clean and dulled surface for application of new paint as recommended by paint manufacturer.
1st Coat: Sherwin-Williams Heavy Duty Block filler B42W46 @ 7.0-14.5 mils dft
2nd Coat: Sherwin-Williams Pro Industrial Multi-Surface Acrylic EgShel, B66W01561 @ 1.5-2.0 mils dft
3rd Coat: Sherwin-Williams Pro Industrial Multi-Surface Acrylic EgShel, B66W01561 @ 1.5-2.0 mils dft

C. Interior Coating Systems:

1. Interior Ferrous Metal: Door Frames, Miscellaneous Metals: 2 coats of an all purpose industrial enamel, over a fast drying, rust inhibitive alkyd enamel.

1st Coat: Sherwin-Williams Pro Industrial ProCryl Universal Primer, B66W310 @ 2.0-2.5 mils dft

2nd Coat: Sherwin-Williams Industrial Enamel B54W00101 @ 2.0-2.5 mils dft per coat

3rd Coat: Sherwin-Williams Industrial Enamel B54W00101 @ 2.0-2.5 mils dft per coat

2. Interior Gypsum Drywall (semi-gloss): 2 coats of an interior waterborne acrylic semi-gloss, durable and non-yellowing, over an interior vinyl acrylic latex wall primer.

1st Coat: Sherwin-Williams Quick Dry Interior Exterior Stain Blocking Primer @ 1.2-1.5 mils dft

2nd Coat: Sherwin-Williams ProMar 200 Zero VOC Semi-Gloss B31W02651 @ 1.5 mils dft

3rd Coat: Sherwin-Williams ProMar 200 Zero VOC Semi-Gloss B31W02651 @ 1.5 mils dft

3. Interior Gypsum Drywall (flat): 2 coats of an interior latex flat, durable and non-yellowing, over an interior latex wall primer.

Primer: Sherwin-Williams Quick Dry Interior Exterior Stain Blocking Primer, B51W08670 @ 1.2-1.5 mils dft

1st Coat: Sherwin-Williams ProMar 200 Zero VOC Flat, B30W02651 @ 1.4-2.0 mils dft

2nd Coat: Sherwin-Williams ProMar 200 Zero VOC Flat, B30W02651 @ 1.4-2.0 mils dft

4. Interior Gypsum Drywall (eggshell): 2 coats of an interior latex eggshell, durable and non-yellowing, over an interior latex wall primer.

Primer: Sherwin-Williams Quick Dry Interior Exterior Stain Blocking Primer, B51W08670 @ 1.2-1.5 mils dft

1st Coat: Sherwin-Williams ProMar 200 Zero VOC EgShel, B20W02651 @ 1.5 mils dft

2nd Coat: Sherwin-Williams ProMar 200 Zero VOC EgShel, B20W02651 @ 1.5 mils dft

5. Galvanized Metal: 2 coats of an interior waterborne acrylic semi-gloss, durable and non yellowing

1st Coat: Sherwin-Williams DTM Primer/Finish, B66W0001 @ 2.2-3.5 mils dft

2nd Coat: Sherwin-Williams Pro Industrial Acrylic, B66W00651 @ 1.5-4.0 mils dft

6. Aluminum: 2 coats of an interior waterborne acrylic semi-gloss, durable and non yellowing.

1st Coat: Sherwin-Williams Pro Industrial Acrylic, B66W00651 @ 1.5-4.0 mils dft

2nd Coat: Sherwin-Williams Pro Industrial Acrylic, B66W00651 @ 1.5-4.0 mils dft

7. Wood-Closed Grain: Stained: 2 coats of a satin waterborne polyurethane over an interior oil based stain.

1st Coat: S-W WoodClassics Interior Oil Stain, A49N00202
2nd Coat: S-W WoodClassics Waterborne Polyurethane Varnish, A68V0091
3rd Coat: S-W WoodClassics Waterborne Polyurethane Varnish, A68V0091

8. Wood (Painted): 2 coats of semi-gloss waterbased/alkyd urethane over latex primer.

1st Coat: S-W Premium Wall & Wood Primer, B28W8111, at 4.0 mils (0.102 mm) wet, 1.8 mils (0.046 mm) dry.
2nd Coat: S-W Pro Industrial Waterbased Alkyd Urethane Semi-Gloss, B53-1150 Series, at 4.0 mils (0.102 mm) wet, 1.4 mils (0.036 mm) dry, per coat.
3rd Coat: S-W Pro Industrial Waterbased Alkyd Urethane Semi-Gloss, B53-1150 Series, at 4.0 mils (0.102 mm) wet, 1.4 mils (0.036 mm) dry, per coat.

9. Concrete Floors (Unpolished)

1 application of Prosoco "Consolideck LS/CS" @ 300 - 800 sq.ft./gallon, using low pressure spray-on method as directed by manufacturer.

Note: New concrete must cure long enough to walk on before application. Do not use concrete curing compound where product is specified. Blanket-cure ONLY.

10. Exposed Structural Steel: 2 coats of a semi-gloss waterborne dryfall

1st Coat: S-W Pro Industrial DTM Primer-Finish, B66W0001 @ 2.2-3.5 mils dft
2nd Coat: S-W Pro Industrial Waterborne Dryfall, B42W00083 @ 2.3-3.5 mils dft
3rd Coat: S-W Pro Industrial Waterborne Dryfall, B42W00083 @ 2.3-3.5 mils dft

END OF SECTION

SECTION 10426 - IDENTIFYING DEVICES

PART 1 - GENERAL

1.01 DESCRIPTION

- A. Furnish and install all signage and identifying devices and handicap parking signs where shown or scheduled on the Drawings and specified herein.
- B. This section includes the installation of such devices in locations as indicated on plans, or where not shown, as required to meet requirements of the Americans with Disability Act of 1990 (ADA).

1.02 SUBMITTALS

- B. Manufacturer's Data: Submit manufacturer's descriptive literature and specifications, including color samples of material for selection, as applicable for approval.
- B. Submit shop drawings listing sign styles, lettering and locations, and overall dimensions of each sign.

1.03 REFERENCES

- A. American National Standards Institute (ANSI): A117.1 - 1992 Accessible Signage Standards (4.28 Signage)
- B. American Society for Testing and Materials (ASTM).
- C. Americans with Disabilities Act Accessibility Guideline (ADAAG): 4.30 Signage
- D. California Title 24 Accessible Signage Standards (3105)

1.04 DELIVERY, STORAGE & HANDLING

- A. Deliver components correctly packaged to prevent damage.
- B. Store in secure areas, out of weather and protected from work of other trades.

1.05 WARRANTY

- A. Provide Manufacturer's standard one year limited warranty covering manufacturing defects.

PART 2 - PRODUCTS

2.01 HANDICAP PARKING SIGNS

- A. Furnished for installation under work of Section 02700, one (1) manufacturer's standard aluminum sign plate for identification of handicapped parking spaces. Plates shall be of size and layout shown on the Drawings and shall be similar to Model PHP75 as manufactured by the Supersine Company, Tactile Signage, Inc., or an approved equal.

2.02 TACTILE SIGNAGE

- A. Tactile signage stating "EXIT" and complying with ICC/ANSI A117.1, shall be installed adjacent to the latch side of the door, 48" minimum/60" maximum above the finished floor to center of sign.

Sign shall be 4"x4" unless space is restricted, then 2"x8" sign shall be used.
Locate at doors #1, 2, 3, 6, 7, 8 and 26.



2.03 INTERIOR ROOM SIGNAGE

- A. Style: Signs shall be single-faced, Lettering Specialists, Inc. - Tactile Signage, Inc., or an approved equal, radiused corners, beveled edge with decorative reveal around the perimeter; Optima semi-bold style, color as selected by Architect. Schedule shall be as furnished by the Architect/Owner. Composition shall be a design similar to manufacturers standards and meeting all requirements of Americans with Disabilities Act (ADA). Signs shall be mounted with double-faced tape as furnished by the manufacturer.
- B. Pictograms: Pictograms (where required) shall be accompanied by the equivalent verbal description placed directly below the pictogram. The border dimensions of the pictogram shall be 6 inches minimum in height. Pictograms, like non-permanent text, may be recessed.
- C. Mounting Location and Height: Signs shall be installed on the wall adjacent to the latch side of the door. Where there is no wall space to the latch side of the door, including at double leaf doors, signs shall be placed on the nearest adjacent wall. Mounting height shall be 60 inches above the finished floor to the centerline of the sign.

D. SCHEDULE:

Types:

<u>Room No.</u>	<u>Description</u>	<u>Qty.</u>	<u>Sign Type</u>
106	Women (w/ADA Symbol)	1	A
107	Men (w/ADA Symbol)	1	B
116	Unisex (w/ADA Symbol)	1	C



A



B



C

PART 3 - EXECUTION

3.01 EXAMINATION

- A. Before installing signs, verify that mounting surfaces are completely finished and ready for installation. Inspect surface to be sure it is clean and free from contaminants that may adversely affect mounting system adhesion.
- B. Do not install signs until surfaces are acceptable. Notify Architect if there are any questions as to suitability of installation surfaces or installation locations.

3.02 INSTALLATION

- A. Install signs in accordance with manufacturer's instructions and in accordance with ADA guidelines for location and as indicated in schedules.
- B. Install after doors are installed and after doors and walls are finished.
- C. Assure signs are installed level.
- D. Mounting Location and Height: Signs shall be installed on the wall adjacent to the latch side of the door. Where there is no wall space to the latch side of the door, including at double leaf doors, signs shall be placed on the nearest adjacent wall. Mounting height shall be 60 inches above the finished floor to the centerline of the sign.

3.03 CLEANING AND PROTECTION

- A. At completion of the installation, clean soiled sign surfaces in accordance with the manufacturer's instructions. Protect units from damage until acceptance by the Owner.

END OF SECTION

SECTION 10522 - FIRE EXTINGUISHERS AND ACCESSORIES

PART 1 - GENERAL

1.01 Work Included

- A. Fire extinguishers
- B. Cabinets and wall mounting brackets

1.02 References

- A. NFPA 10 Portable Fire Extinguishers.

1.03 Quality Assurance

- A. Conform to NFPA 10 requirements for extinguishers.

1.04 Submittals

- A. Submit product data.
- B. Submit manufacturer's installation instruction.

1.05 Operation and Maintenance Data

- A. Submit manufacturer's operation and maintenance data.
- B. Include test, refill or recharge schedules, procedures, and re-certification requirements.

1.06 Environmental Requirements

- A. Do not install extinguishers when ambient temperatures may cause freezing.

PART 2 - PRODUCTS

2.01 Acceptable Manufacturers

- A. Larsen
- B. J.L. Industries
- C. Modern Metal Products.
- D. Substitutions: Reviewed equal.

2.02 Extinguishers

- A. Fire Extinguishers #1 - #8, shall be Larsen Model MP10, 10 lbs., U.L. Rating 4A-60B:C.
- B. For location of extinguishers, see Floor Plan.

2.03 Cabinets/Accessories

- A. Fire Extinguishers #1 shall be mounted in a semi-recessed cabinet, Larsen Model 2409-6R, non fire-rated cabinet, clear anodized aluminum with Vertical Duo, partial glass door and 2½" rolled edge.
- B. Fire Extinguishers #2 - #8 shall be wall-mounted with manufacturer's standard bracket.

PART 3 - EXECUTION

3.01 Installation

- A. Install fire extinguishers 36" a.f.f. or as required by NFPA 10. Top of cabinet mounted at 60" a.f.f.
- B. Secure rigidly in place in accordance with manufacturer's instructions.

End of Section

SECTION 10800 - TOILET ROOM ACCESSORIES

PART 1 - GENERAL

1.01 Work Included

- A. Toilet room accessories.

1.02 Related Work

- A. Wall blocking required to secure accessories
- B. Glazing/caulking
- C. Toilet compartments
- D. Gypsum wallboard systems
- E. Plumbing fixtures
- F. Countertops

1.03 References (including but not limited to)

- A. ANSI A117 - 1986 Specifications for Making Buildings and Facilities Accessible to and Usable by Physically Handicapped People.
- B. UBC - Chapters 5 and 33 Requirements for Handicapped.
- C. Title 24, California Code of Regulations, Parts 2, 3, and 5.
- D. ADA, Accessibility Guidelines for Buildings and Facilities, Federal Register Volume 56, Number 144, Rules and Regulations.
- E. Fair Housing Amendments Act of 1988, Accessibility Guidelines, Federal Register Volume 56, Number 44.
- F. Southern Building Code.

1.04 Quality Assurance

- A. Manufacturer

1. Model numbers for toilet room accessories manufactured by Bradley Corp. Washroom accessories are listed to establish a standard of quality for design, function, materials, workmanship and appearance. Other manufacturers may be submitted for evaluation by the architect by following the conditions of the substitutions clause. Unless approval is obtained 10 days prior to the bid date, all bids shall be based on the standard of quality. The architect shall be the sole judge as to the acceptability of all products submitted for substitutions.

2. Accessories shall be the products of a single manufacturer. Accessories with tumbler locks shall be keyed alike with the exception of coin boxes in vending equipment.

B. Regulatory requirements

1. Operation of accessories shall comply with guidelines set forth by the American Disabilities Act, Title III. Documentation and samples to be provided to the architect upon request.

1.05 Submittals

A. Comply with requirements of Section regarding submittals.

B. Manufacturer's Data

1. Provide required number copies of:
 - a. Product data sheets.
 - b. Installation instructions.
 - c. Service and parts manual.

C. Samples

1. Upon request, submit one sample of each item specified. If more than one manufacturer is specified, submit one sample of each item for architect's review.

1.06 Product Delivery, Storage, and Handling

A. Deliver items in manufacturer's original unopened protective packaging.

B. Store materials in original protective packaging to prevent physical damage, or wetting.

C. Handle so as to prevent damage to accessories.

1.07 Warranty

A. Furnish one year guarantee against defects in material and workmanship on all accessories. In addition to the above the following shall apply:

1. Welded stainless steel framed mirrors shall have a fifteen year guarantee against silver spoilage.

PART 2 - PRODUCTS

2.01 Toilet Room Accessories Schedule:

- A. Grab Bars of sizes as shown on plans, #812-001, heavy-duty stainless steel with sanitary safety grip finish, concealed mounting kits to be included.
- B. Mirror 20" x 42", #7802-20 x 42, angle framed mirror, 1/4" tempered glass.
- C. Toilet Tissue Dispenser, #5084, surface mounted, single roll, stainless steel with satin finish.
- D. Paper Towel Dispenser, #2494-000000, surface mounted, roll towels, automatic/battery-operated, durable high-impact material.
- E. Soap Dispenser, #6562, tank type - vertical, surface mounted, satin stainless steel.

2.02 Materials (if applicable to items in contract)

- A. All cabinets shall be constructed of 18-8, type 304 stainless steel.
- B. All waste receptacle shall be constructed of 18-8, type 304 stainless steel or rigid molded leak-proof plastic.
- C. Waste receptacles or cabinets manufactured of type 400 stainless steel are not acceptable.
- D. All tumbler locks to be fastened to accessories with lock nuts. Fastening locks to units with spring clip is not acceptable.

PART 3 - EXECUTION

3.01 Inspection

- A. Check wall opening for dimensions, plumbness of blocking or frames that would affect installation of recessed accessories. For surface mounted accessories check condition of wall and confirm installation of backing within wall.
- B. Verify spacing of plumbing fixtures and toilet compartments that affect installation of toilet room accessories.

End of Section



FOR
McCreary Co. Industrial
Development Authority
PINE KNOT, KENTUCKY

PROJECT NO. 2006-06	DESIGNED BY ENR/BLL	REVISION
DRAWN BY ENR/BLL		2/5/24
CHECKED BY		
REVIEWED BY		
DATE	DECEMBER 2023	
SCALE	AS NOTED	

ns OF KENTUCKY, INC.

Engineers
Architects
Planners

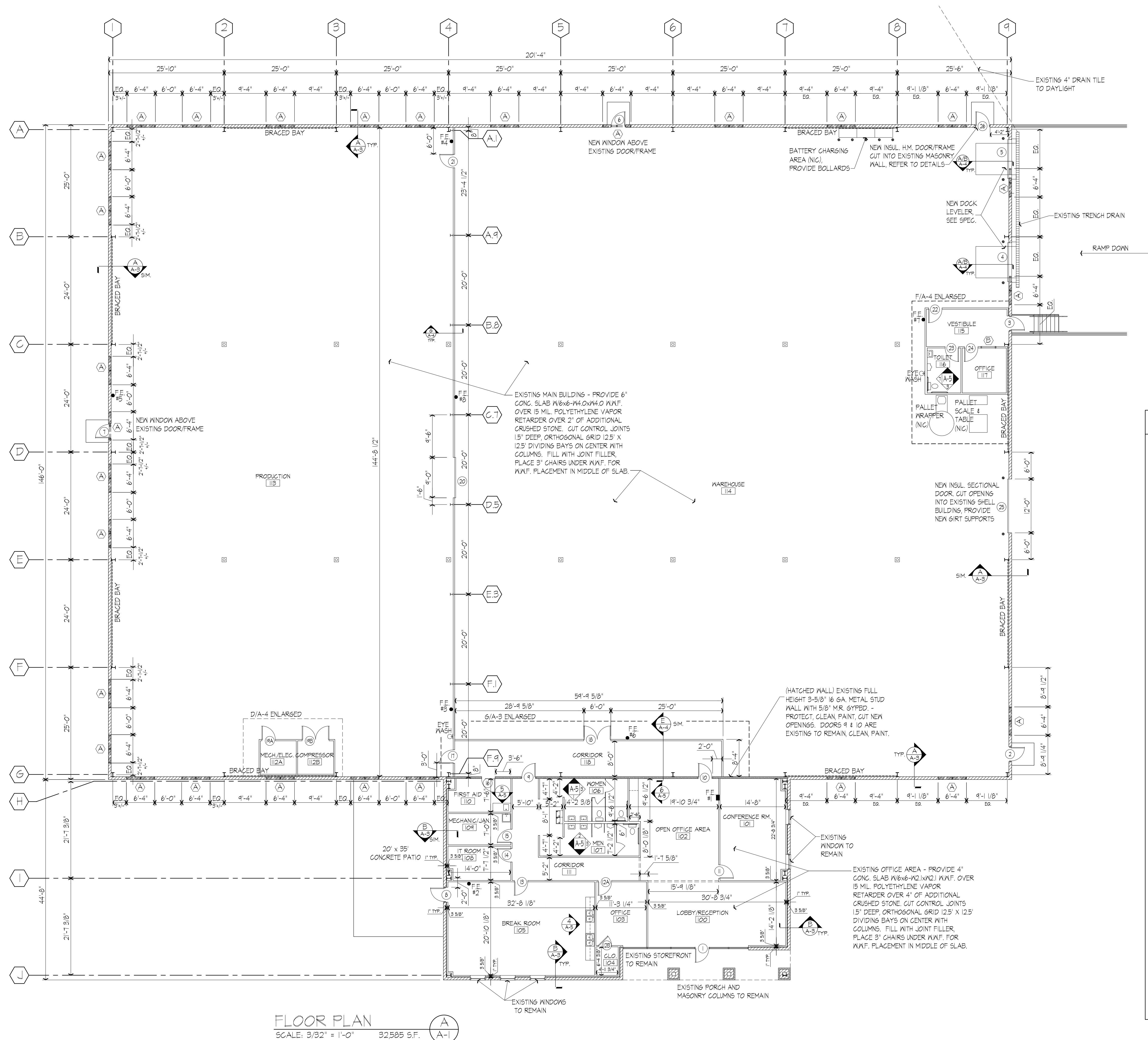
6524 Wellington Way
Lexington, KY 40503
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DRAWING NO.

A-1

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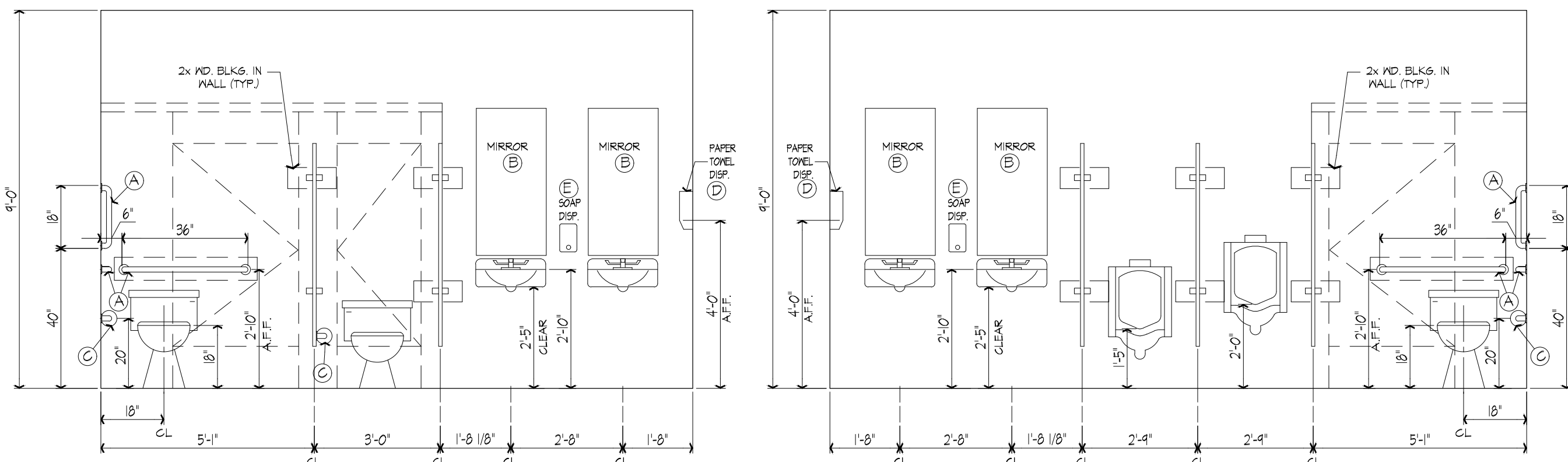


GENERAL FLOOR PLAN NOTES

1. SHELL BUILDING IS EXISTING FROM 2005, THIS SCOPE OF WORK INCLUDES INTERIOR FIT-UP AND RENOVATION OF EXISTING SHELL ITEMS FOR FIT-UP WORK.
2. PDF COPIES OF 2005 SHELL BUILDING RECORD SET AND PEMB MANUFACTURER SET ARE AVAILABLE UPON REQUEST.
3. TOP OF EXISTING FOUNDATION STEM WALLS, EXTERIOR COLUMN PIERS AND EXISTING DOOR THRESHOLDS IS (PER 2005 RECORD SET) FFE 88.9 OR ASSUMED ELEVATION 100. INTERIOR COLUMN PIERS OF MAIN BUILDING ARE -8" (FFE 88.3 OR 98'-4"). NEW FINISHED CONCRETE SLAB WORK SHALL BE SET TO FFE 88.9 (ASSUMED ELEV. 100.0).
4. REPAIR ROOF LEAKS PRIOR TO WORKING ON INTERIOR GRADING WORK IN PREPARATION FOR NEW INTERIOR SLABS.
5. REMOVE EXISTING VAPOR RETARDERS AND DISPOSE OF. EXISTING INTERIOR GRADES SHALL BE GRADED, LEVELLED AND COMPACTED TO RECEIVE NEW INTERIOR SLABS AT MAIN BUILDING AND OFFICE. INTERIOR GRADES SHALL CONFORM TO FFE 88.3 OR ASSUMED 98'-4". PROTECT EXISTING RIGID INSULATION AT STEM WALL FOUNDATION PERIMETERS TO REMAIN.
6. REFER TO DETAILS FOR NEW WORK AT LOADING DOCK, NEW DOCK FITS AND LEVELER WORK, AND CLEANING, REPAIRING AND PAINTING AT LOADING DOCK.
7. MAJORITY OF PRIMARY AND SECONDARY STEEL STRUCTURE IS IN ACCEPTABLE SHAPE WITH ORIGINAL SHOP PRIME PAINTING, AND SHALL REMAIN INTACT. WITHIN 5 FEET OF TOPS OF PIERS, SOME BASE PLATES AND BOTTOMS OF STRUCTURAL COLUMNS, INCLUDING GIRTS ON TOP OF 4 FOOT HIGH CMU WALLS SHOW SIGNS OF DIRT, WATER ACCUMULATION, AND SOME MINOR RUST. CLEAN DIRT AND RUST OFF THESE LOWER STEEL LOCATIONS, PRIME WITH RUST-INHIBITIVE PRIMER, AND APPLY TWO COATS OF SIMILAR OR MATCHING COLOR "RUSTIC RED" STEEL PAINT TO PROTECT EXISTING STEEL STRUCTURE. ALSO REVIEW STEEL AT AND NEAR ROOF LEAK AREAS (EAVES, RIDGE, AND ELSEWHERE). IF SIGNS OF RUST OR DAMAGE EXIST, BRING TO ARCHITECT'S & ENGINEERS ATTENTION. PROVIDE STEEL CLEANING TO REMOVE RUST, PRIME AND PAINT TO PROTECT STEEL STRUCTURE.
8. CHECK INTERIOR (AND EXTERIOR) PERIMETER OF MAIN BUILDING AND OFFICE, REMOVE ANY LOOSE BACKER ROD AND SEALANT. REFILL JOINTS AT MASONRY WITH GROUT (OR SEALANT AT CONTROL OR EXPANSION JOINTS) AND BETWEEN MASONRY AND STEEL FIRTS WITH LOW-PRESSURE FOAM SEALANT OR LARGE BACKER ROD, FINISHED WITH BUILDING JOINT SEALANT AT FACE, FILL AND SEAL ALL EXPOSED JOINTS TO EXTERIOR WITH BATT INSULATION LOW-PRESSURE FOAM SEALANT OR BACKER ROD, WITH FINISHED SURFACE OF BUILDING SEALANT.
9. REFER TO FINISH SCHEDULE SHEET A-5 FOR CEILING HEIGHTS, IN OFFICE AREA GYPSED/PAINTED WALLS TERMINATE 6" ABOVE CEILINGS, REFER TO DETAILS. PROVIDE KICKER STUDS ABOVE CEILINGS IN OFFICE AREA TO STRUCTURE ABOVE FOR BRACING AS REQUIRED.

INTERIOR ELEVATIONS

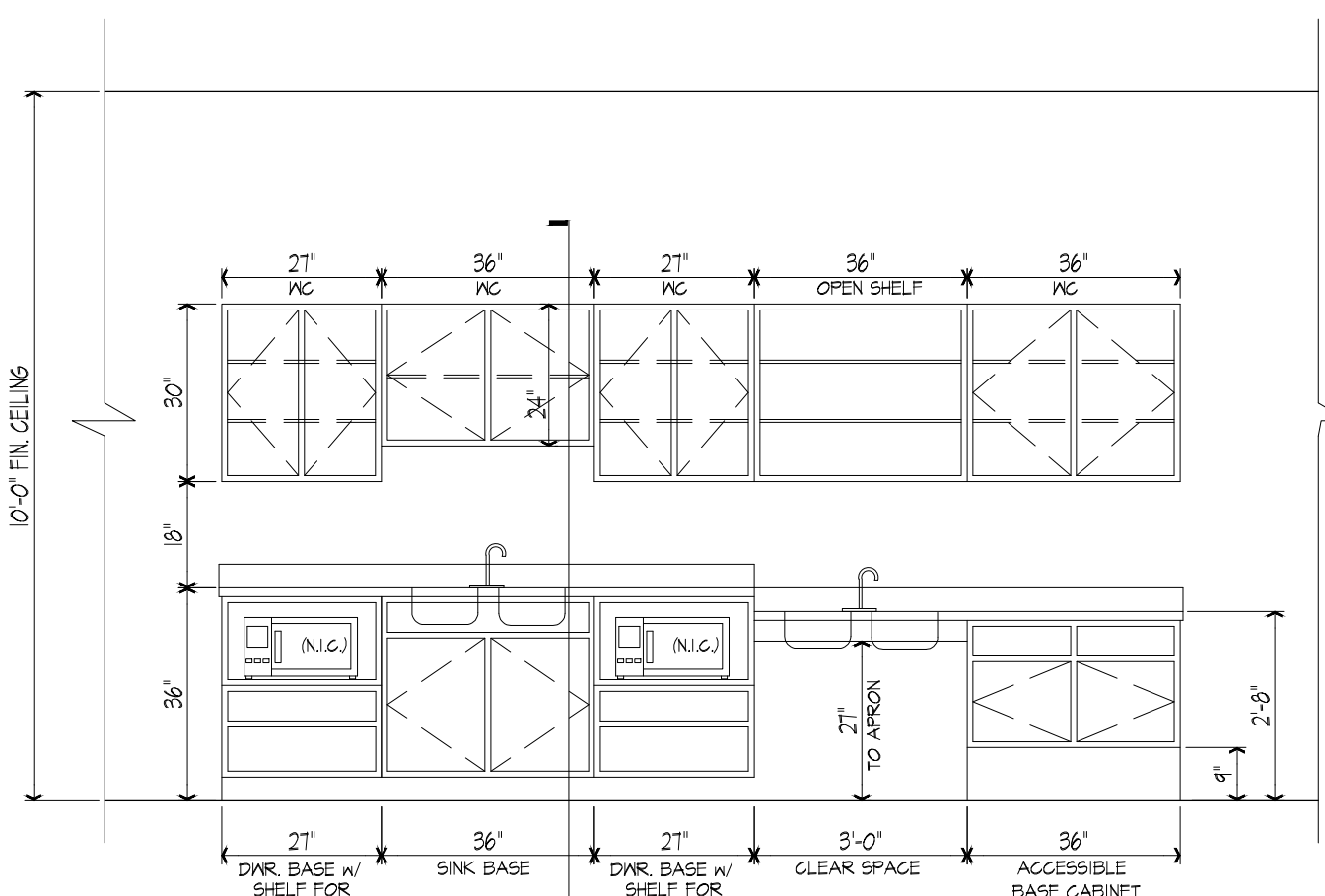
3/8" = 1'-0"



1 WOMEN (106)

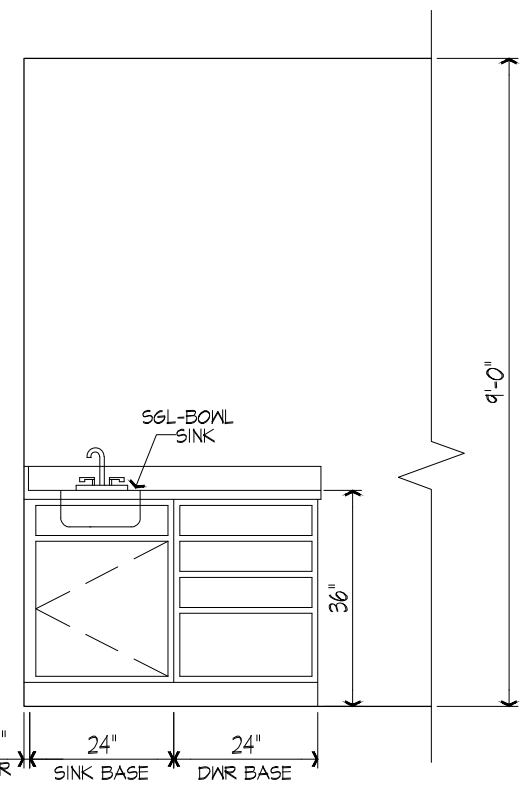
2 MEN (107)

3 TYPICAL SIDE VIEW
(for ADA toilet & accessories)

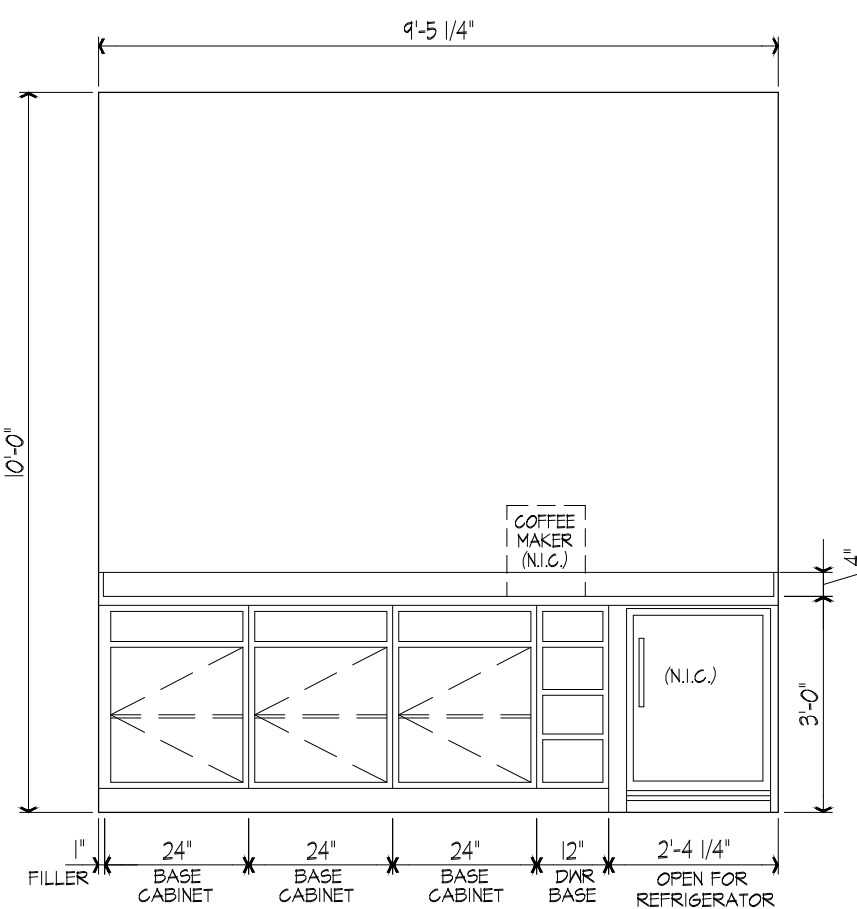


4 BREAK ROOM (105)

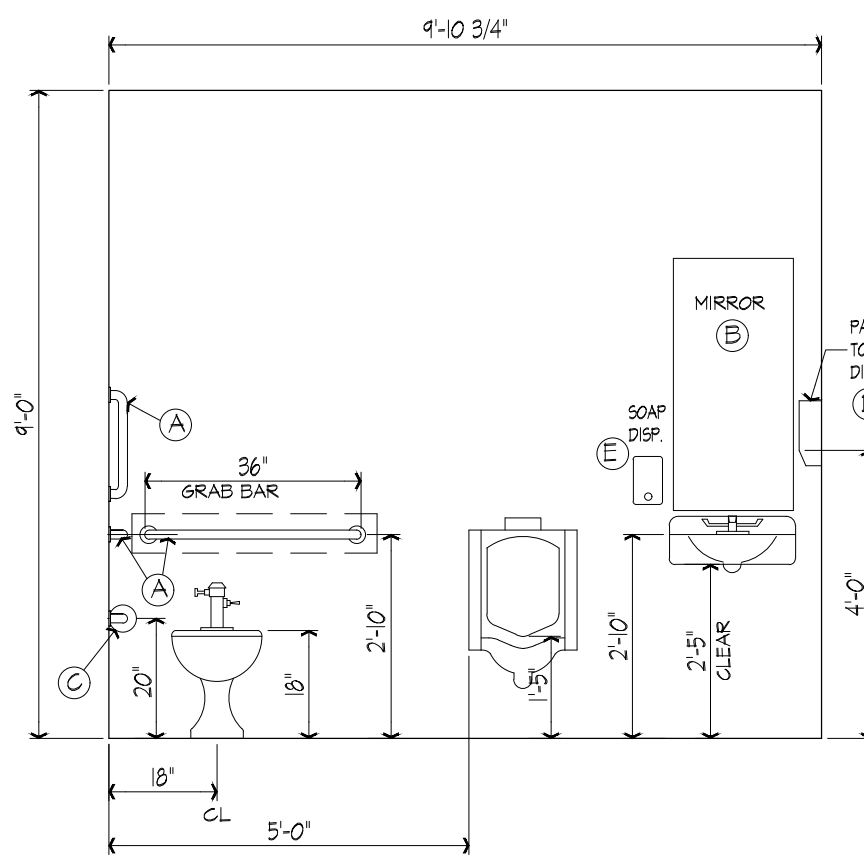
NOTE:
OWNER TO PROVIDE KITCHEN APPLIANCES
6-2 TO PROVIDE ALL NECESSARY PLUMBING,
VENTING, ELECTRICAL SERVICE AND CABINETRY
OPENINGS, INCLUDING WATER HOOK-UP FOR
ICE MAKERS AND COFFEE MAKERS.



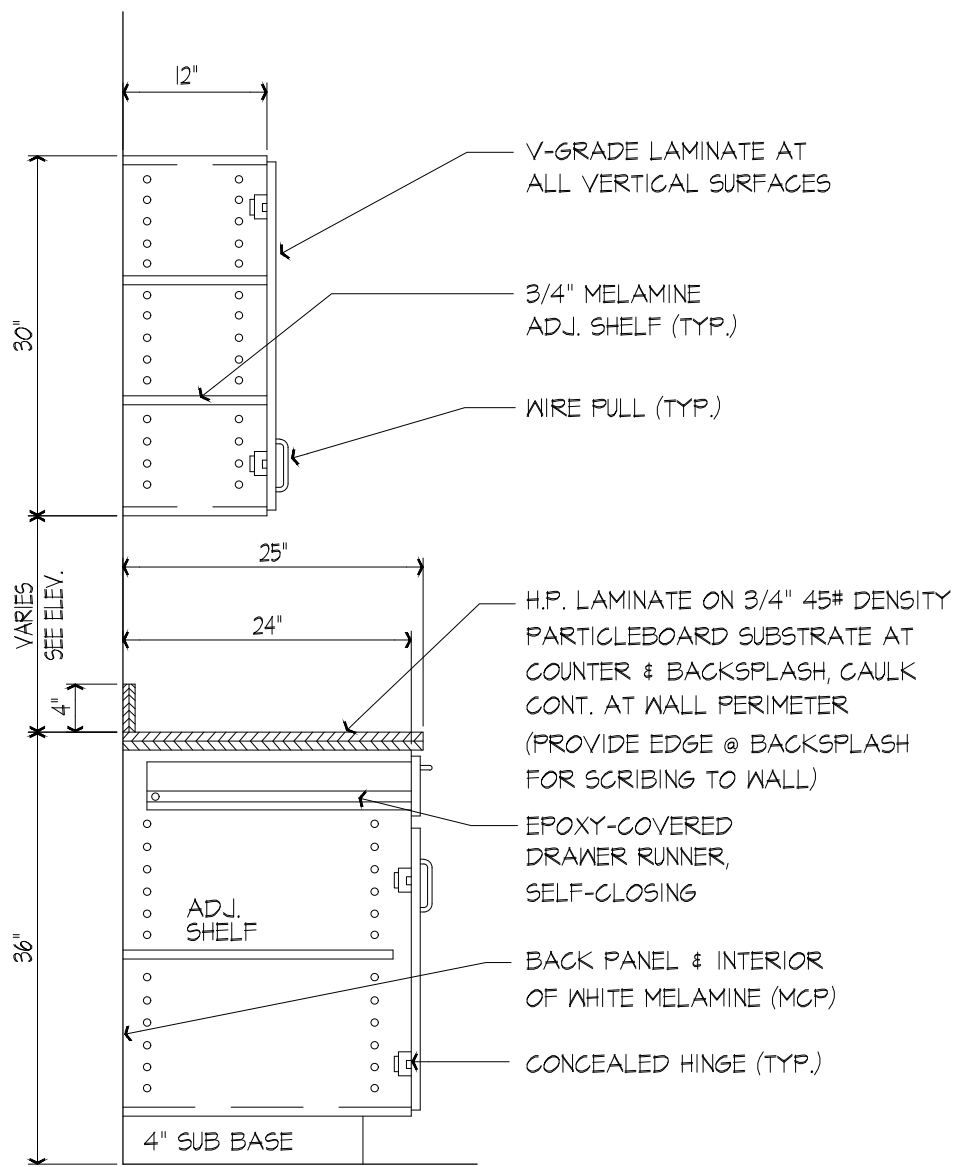
5 FIRST AID (110)



6 OPEN OFFICE AREA (102)



7 TOILET (116)



TYP. LAMINATE
CABINETS
SCALE: 3/4"=1'-0"

A
A-5

FINISH SCHEDULE

ROOM #	ROOM NAME	FLOOR	BASE	WALLS & TRIM	MISC.	CLG.	CLG. HT.
			LUXURY VINYL PLANK SEALED CONCRETE	VINYL COVE BASE	LATEX EGGSHELL WALL PAINT LATEX SEMI-GLOSS WALL PAINT	COUNTERTOP CABINETRY	GYPSUM BOARD, PAINTED 2 1/2" F. ACoustICAL CEILING TILE
100	LOBBY/RECEPTION	LVT-1	B-1	P-2			A-1 10'-0"
101	CONFERENCE ROOM	LVT-1	B-1	P-2			A-1 10'-0"
102	OPEN OFFICE AREA	LVT-1	B-1	P-2	L-1 L-2		A-1 10'-0"
103	OFFICE	LVT-1	B-1	P-2			A-1 10'-0"
104	CLOSET	LVT-1	B-1	P-2			A-1 9'-0"
105	BREAK ROOM		B-1	P-3	L-3 L-4		A-1 10'-0"
106	WOMEN		B-1	P-1			A-1 9'-0"
107	MEN		B-1	P-1			A-1 9'-0"
108	IT ROOM	LVT-1	B-1	P-1			A-1 9'-0"
109	MECHANICAL/JANITOR		B-1	P-1			A-1 9'-0"
110	FIRST AID		B-1	P-1	L-5 L-6		A-1 9'-0"
111	CORRIDOR	LVT-1	B-1	P-2			A-1 9'-0"
112A	MECHANICAL / ELECTRICAL		B-1	P-1 E		P-4	10'-0"
112B	COMPRESSOR		B-1	P-1 E		P-4	10'-0"
113	PRODUCTION		B-1 F				
114	WAREHOUSE		B-1 F				
115	VESTIBULE	LVT-1	B-1	P-1 E			A-1 9'-0"
116	TOILET	LVT-1	B-1	P-1 E			A-1 9'-0"
117	OFFICE	LVT-1	B-1	P-1 E			A-1 9'-0"
118	CORRIDOR		B-1	P-1 E			A-1 9'-0"

FINISH SPECIFICATIONS

FLOORS:

LVT-1 Interface "Steady Stride" LVT
Resilient plank, glue down, size 5'x40",
3mm thickness, 22 mil wearlayer

BASE:

B-1 Johnsonite Vinyl Nail Base
4" cove base, Color - TBD

CEILING:

A-1 Armstrong "Fine Fissured"
#128, 24"x 24"x 5/8", Square Lay-In,
White (WH) tiles with White Grid

WALLS:

P-1 Sherwin-Williams -TBD
P-2 Sherwin-Williams -TBD
P-3 Sherwin-Williams -TBD
P-4 Sherwin-Williams -TBD

PLASTIC LAMINATES:

L-1 Wilsonart - TBD
L-2 Wilsonart - TBD
L-3 Wilsonart - TBD
L-4 Wilsonart - TBD
L-5 Wilsonart - TBD
L-6 Wilsonart - TBD
L-7 Wilsonart - TBD

NOTES:

- All interior metal door frames to be painted with Finish P-4.
- Paint exposed primary structural columns to beams in PEMB, no secondary painting.
- Plastic Laminate window stools to be Finish L-7, window stools only at existing office windows. No window stools in Production/Warehouse area.
- All interior wood doors to be factory primed finish ready to paint.
- Painted finish on walls to include the Production and/or Warehouse side of walls. All gypsum board walls to be painted, non-gypsum board walls do not get paint.
- Vinyl base to be installed in these areas only at finished gypsum board/stud walls.



McCREARY CO. SPEC BUILDING FIT-UP
FOR
McCreary Co. Industrial
Development Authority
PINE KNOT, KENTUCKY

DATE	REVISION	BY
2/5/24		

PROJECT NO.	DESIGNED BY	DRAWN BY	CHECKED BY	REVIEWED BY	DATE	SCALE
2046-06	ENL/BLL	ENL/BLL			DECEMBER 2023	A5 NOTED

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Phone: (859)223-5694
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DRAWING NO.

A-5

SHEET OF