

**A NEW MUNICIPAL COURT  
FOR THE CITY OF ASHBURN  
ASHBURN, GEORGIA 31714**

**ADDENDUM NO. 2  
May 18, 2020**

**GENERAL:**

1. Remove Structural Gridlines and associated structural elements at Gridlines 3 and 5 from all 'A' Sheets. Structural elements on 'A' Sheets are diagrammatic purposes only. The contractor shall refer to 'S' Sheets for complete and accurate gridlines, column locations, details, etc.
2. The contractor has the option to replace the concrete ledge and concrete column base with an approved cast stone manufacturer provided that the cast stone profile matches Detail 5/A3201.
3. Provide a solid surface window sill as shown on Detail 2/A3200 at all window sills. This product shall be in accordance with Section 064113 – Architectural Woodwork.
4. All fire alarm cabling is in conduit. Free-aired cabling is prohibited.

**REVISIONS TO THE SPECIFICATIONS:**

5. SECTION 047200 – CAST STONE MASONRY
  - a. Include "Bassco Cast Stone" as an approved manufacturer, subject to completely adhering to the specifications.
6. SECTION 074215 – CONCEALED FASTENER METAL WALL PANEL SYSTEM
  - a. Include "Fabral, Inc" as an approved manufacturer, subject to completely adhering to the specifications.
7. SECTION 093013 – CERAMIC TILING
  - a. Include the attached Section 093013 – Ceramic Tiling – Revised May 18, 2020.
8. SECTION 102800 – TOILET ACCESSORIES
  - a. Delete all references to Sanitary-Napkin Disposal Units "SND". None on this project.
9. SECTION 260040 – OUTLETS
  - a. Include the following: Floor boxes shall be Walker "RFB-4" Series or approved equal. Provide with one quadruplex receptacle and provisions for telecommunications outlet.

**REVISIONS TO THE DRAWINGS:**

10. SHEET D2000:

a. ELEVATION B/D2000

- i. Remove note "JUDGE'S BENCH & WITNESS STAND TO BE STAINED P5".  
Refer to Details 7/A5100 and 8/A5100 on 'A' Sheets.

11. SHEET C6000:

a. UTILITY PLAN

- i. Update the domestic water service line and sanitary line as indicated on Revised Sheet C6000 attached.

12. SHEET P2001:

a. SANITARY FLOOR PLAN

- i. Reverse sanitary piping run to West as indicated on Revised Sheet P2001 attached.

13. SHEET M4000:

a. HEAT PUMP SCHEDULE

- i. Replace the SEER rating number with 16.0

**END**

## SECTION 093013

### CERAMIC TILING

Revised May 18, 2020

#### PART 1 - GENERAL

##### 1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

##### 1.2 SUMMARY

Scope of work includes furnishing labor, materials, equipment, and services required for installation of tile specified, indicated, or reasonably implied.

##### 1.3 DEFINITIONS

- A. General: Definitions in the ANSI A108 series of tile installation standards and in ANSI A137.1 apply to Work of this Section unless otherwise specified.
- B. ANSI A108 Series: ANSI A108.01, ANSI A108.02, ANSI A108.1A, ANSI A108.1B, ANSI A108.1C, ANSI A108.4, ANSI A108.5, ANSI A108.6, ANSI A108.8, ANSI A108.9, ANSI A108.10, ANSI A108.11, ANSI A108.12, ANSI A108.13, ANSI A108.14, ANSI A108.15, ANSI A108.16, and ANSI A108.17, which are contained in its "Specifications for Installation of Ceramic Tile."
- C. Face Size: Actual tile size, excluding spacer lugs.
- D. Module Size: Actual tile size plus joint width indicated.

##### 1.4 ACTION SUBMITTALS

- A. Product Data: For each type of product.
- B. Shop Drawings: Show locations of each type of tile and tile pattern. Show widths, details, and locations of expansion, contraction, control, and isolation joints in tile substrates and finished tile surfaces.
- C. Samples for Initial Selection: For tile, grout, and accessories involving color selection.
- D. Samples for Verification:
  - 1. Full-size units of each type and composition of tile and for each color and finish required. For ceramic mosaic tile in color blend patterns, provide full sheets of each color blend.
  - 2. Full-size units of each type of trim and accessory for each color and finish required.
  - 3. Stone thresholds in 6-inch (150-mm) lengths.
  - 4. Metal edge strips in 6-inch (150-mm) lengths.

## 1.5 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For Installer.
- B. Master Grade Certificates: For each shipment, type, and composition of tile, signed by tile manufacturer and Installer.
- C. Product Certificates: For each type of product.
- D. Product Test Reports: For tile-setting and -grouting products and certified porcelain tile.

## 1.6 MAINTENANCE MATERIAL SUBMITTALS

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

## 1.7 QUALITY ASSURANCE

- A. Installer Qualifications
  - 1. Engage an experienced installer who has completed tile installations similar in material, design, and extent to that indicated for this Project and with a record of successful in-service performance.

## 1.8 DELIVERY, STORAGE, AND HANDLING

- A. Deliver and store packaged materials in original containers with seals unbroken and labels intact until time of use. Comply with requirements in ANSI A137.1 for labeling tile packages.
- B. Store tile and cementitious materials on elevated platforms, under cover, and in a dry location.
- C. Store aggregates where grading and other required characteristics can be maintained and contamination can be avoided.
- D. Store liquid materials in unopened containers and protected from freezing.
- E. Handle tile with temporary protective coating on exposed surfaces to prevent coated surfaces from contacting backs or edges of other units. If coating does contact bonding surfaces of tile, remove coating from bonding surfaces before setting tile.

## 1.9 FIELD CONDITIONS

- A. Environmental Limitations: Do not install tile until construction in spaces is complete and ambient temperature and humidity conditions are maintained at the levels indicated in referenced standards and manufacturer's written instructions.

## PART 2 - PRODUCTS

### 2.1 MANUFACTURERS

- A. Source Limitations for Tile: Obtain tile from single source or producer.
  - 1. Obtain tile of each type and color or finish from same production run and of consistent quality in appearance and physical properties for each contiguous area.
- B. Source Limitations for Setting and Grouting Materials: Obtain ingredients of a uniform quality for each mortar, adhesive, and grout component from single manufacturer and each aggregate from single source or producer.
  - 1. Obtain setting and grouting materials, except for unmodified Portland cement and aggregate, from single manufacturer.
  - 2. Obtain waterproof membrane and crack isolation membrane, except for sheet products, from manufacturer of setting and grouting materials.
- C. Source Limitations for Other Products: Obtain each of the following products specified in this Section from a single manufacturer:
  - 1. Stone thresholds.
  - 2. Waterproof membrane.
  - 3. Crack isolation membrane.
  - 4. Cementitious backer units.
  - 5. Metal edge strips.

### 2.2 PRODUCTS, GENERAL

- A. ANSI Ceramic Tile Standard: Provide tile that complies with ANSI A137.1 for types, compositions, and other characteristics indicated.
  - 1. Provide tile complying with Standard grade requirements
- B. ANSI Standards for Tile Installation Materials: Provide materials complying with ANSI A108.02, ANSI standards referenced in other Part 2 articles, ANSI standards referenced by TCNA installation methods specified in tile installation schedules, and other requirements specified.
- C. Factory Blending: For tile exhibiting color variations within ranges, blend tile in factory and package so tile units taken from one package show same range in colors as those taken from other packages and match approved Samples.

### 2.3 TILE PRODUCTS

- A. Floor Tile shall be 12x24 Affinity floor tile by Daltile, or prior approved equal. Colors shall be selected by Architect from manufacturer's available colors.
- B. Tile base shall be 3x12 Affinity Wall Bullnose Tile by Daltile, or prior approved equal. Colors shall be selected by Architect from manufacturer's available colors.

## 2.4 SETTING MATERIALS

- A. Standard Dry-Set Mortar (Thinset): ANSI A118.1.
- B. Latex-Portland Cement Mortar: ANSI A118.4

## 2.5 GROUT MATERIALS

- A. Grouting materials shall conform to the following specification requirements:

Floors and base: Commercial, sanded Portland cement type, L & M Acid-R, Custom Building Products, or Upco Hydroment, color as selected by Architect.

Unsanded Grout: Laticrete Unsanded Wall Grout, 600 Series, or equal. Color selected by Architect from manufacturer's colors.

Grout Admix: Laticrete 1776 Grout Admix or equal. Admix shall be added to unsanded grout in accordance with manufacturer's specifications.

Protective materials shall be neutral cleaner such as American Olean General Purpose Cleaner or Hillyard Super Shine-All.

## PART 3 - EXECUTION

### 3.1 EXAMINATION

- A. Examine substrates, areas, and conditions where tile will be installed, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of the Work.
  - 1. Verify that substrates for setting tile are firm; dry; clean; free of coatings that are incompatible with tile-setting materials, including curing compounds and other substances that contain soap, wax, oil, or silicone; and comply with flatness tolerances required by ANSI A108.01 for installations indicated.
  - 2. Verify that installation of grounds, anchors, recessed frames, electrical and mechanical units of work, and similar items located in or behind tile has been completed.
  - 3. Verify that joints and cracks in tile substrates are coordinated with tile joint locations; if not coordinated, adjust joint locations in consultation with Architect.
- B. Do not proceed with installation until unsatisfactory conditions have been corrected.

### 3.2 PREPARATION

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

### 3.3 INSTALLATION OF CERAMIC TILE

- A. Comply with TCNA's "Handbook for Ceramic, Glass, and Stone Tile Installation" for TCNA installation methods specified in tile installation schedules. Comply with parts of the ANSI A108 series "Specifications for Installation of Ceramic Tile" that are referenced in TCNA installation methods, specified in tile installation schedules, and apply to types of setting and grouting materials used.
- B. Extend tile work into recesses and under or behind equipment and fixtures to form complete covering without interruptions unless otherwise indicated. Terminate work neatly at obstructions, edges, and corners without disrupting pattern or joint alignments.
- C. Accurately form intersections and returns. Perform cutting and drilling of tile without marring visible surfaces. Carefully grind cut edges of tile abutting trim, finish, or built-in items for straight aligned joints. Fit tile closely to electrical outlets, piping, fixtures, and other penetrations so plates, collars, or covers overlap tile.
- D. Provide manufacturer's standard trim shapes where necessary to eliminate exposed tile edges.
- E. Jointing Pattern: Lay tile in grid pattern unless otherwise indicated. Lay out tile work and center tile fields in both directions in each space or on each floor area. Lay out tile work to minimize the use of pieces that are less than half of a tile. Provide uniform joint widths unless otherwise indicated.
  - 1. For tile mounted in sheets, make joints between tile sheets same width as joints within tile sheets so joints between sheets are not apparent in finished work.
  - 2. Where adjoining tiles on floor, base, or trim are specified or indicated to be same size, align joints.
  - 3. Where tiles are specified or indicated to be whole integer multiples of adjoining tiles on floor, base, or trim, align joints unless otherwise indicated.
- F. Joint Widths: Unless otherwise indicated, install tile with the following joint widths:
  - 1. Ceramic Floor Tile: **[3/16 inch]**
- G. with the requirements of the following tile installation standards:
  - 1. For ceramic tile grouts (sand-portland cement, dry-set, commercial portland cement, and latex-portland cement grouts), comply with ANSI A108.10.
  - 2. For chemical-resistant epoxy grouts, comply with ANSI A108.6.

### 3.4 INSTALLATION OF WATERPROOF MEMBRANE

- A. Install waterproof membrane to comply with ANSI A108.13 and manufacturer's written instructions to produce waterproof membrane of uniform thickness that is bonded securely to substrate.
- B. Allow waterproof membrane to cure and verify by testing that it is watertight before installing tile or setting materials over it.

### 3.5 INSTALLATION OF CRACK ISOLATION MEMBRANE

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

- B. Allow crack isolation membrane to cure before installing tile or setting materials over it.

### 3.6 ADJUSTING AND CLEANING

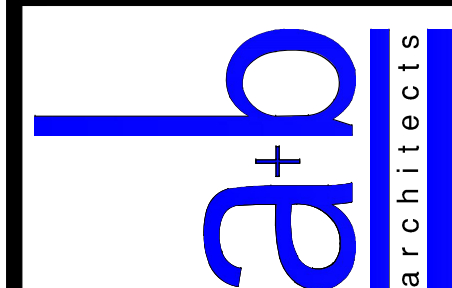
- A. Remove and replace tile that is damaged or that does not match adjoining tile. Provide new matching units, installed as specified and in a manner to eliminate evidence of replacement.
- B. Cleaning: On completion of placement and grouting, clean all ceramic tile surfaces so they are free of foreign matter.
  - 1. Remove grout residue from tile as soon as possible.
  - 2. Clean grout smears and haze from tile according to tile and grout manufacturer's written instructions but no sooner than 10 days after installation. Use only cleaners recommended by tile and grout manufacturers and only after determining that cleaners are safe to use by testing on samples of tile and other surfaces to be cleaned. Protect metal surfaces and plumbing fixtures from effects of cleaning. Flush surfaces with clean water before and after cleaning.

### 3.7 PROTECTION

- A. Protect installed tile work with kraft paper or other heavy covering during construction period to prevent staining, damage, and wear. If recommended by tile manufacturer, apply coat of neutral protective cleaner to completed tile floors.
- B. Prohibit foot and wheel traffic from tiled floors for at least seven days after grouting is completed.
- C. Before final inspection, remove protective coverings and rinse neutral protective cleaner from tile surfaces.

END OF SECTION 093013





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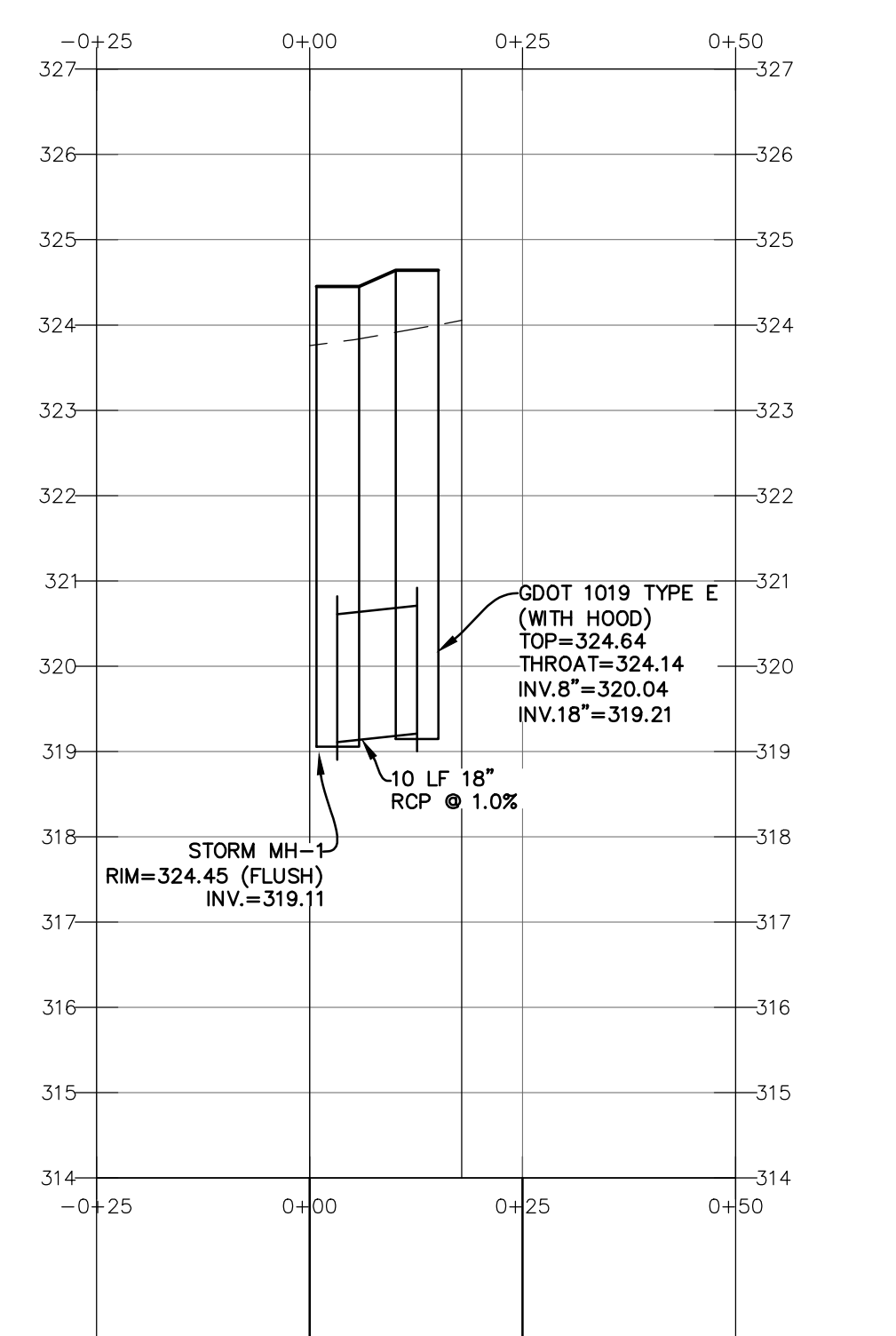
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A New Municipal Court for  
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307 East Washington Avenue  
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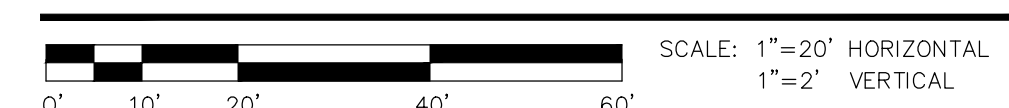
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PROJECT NO: 19003



## STORM PROFILES





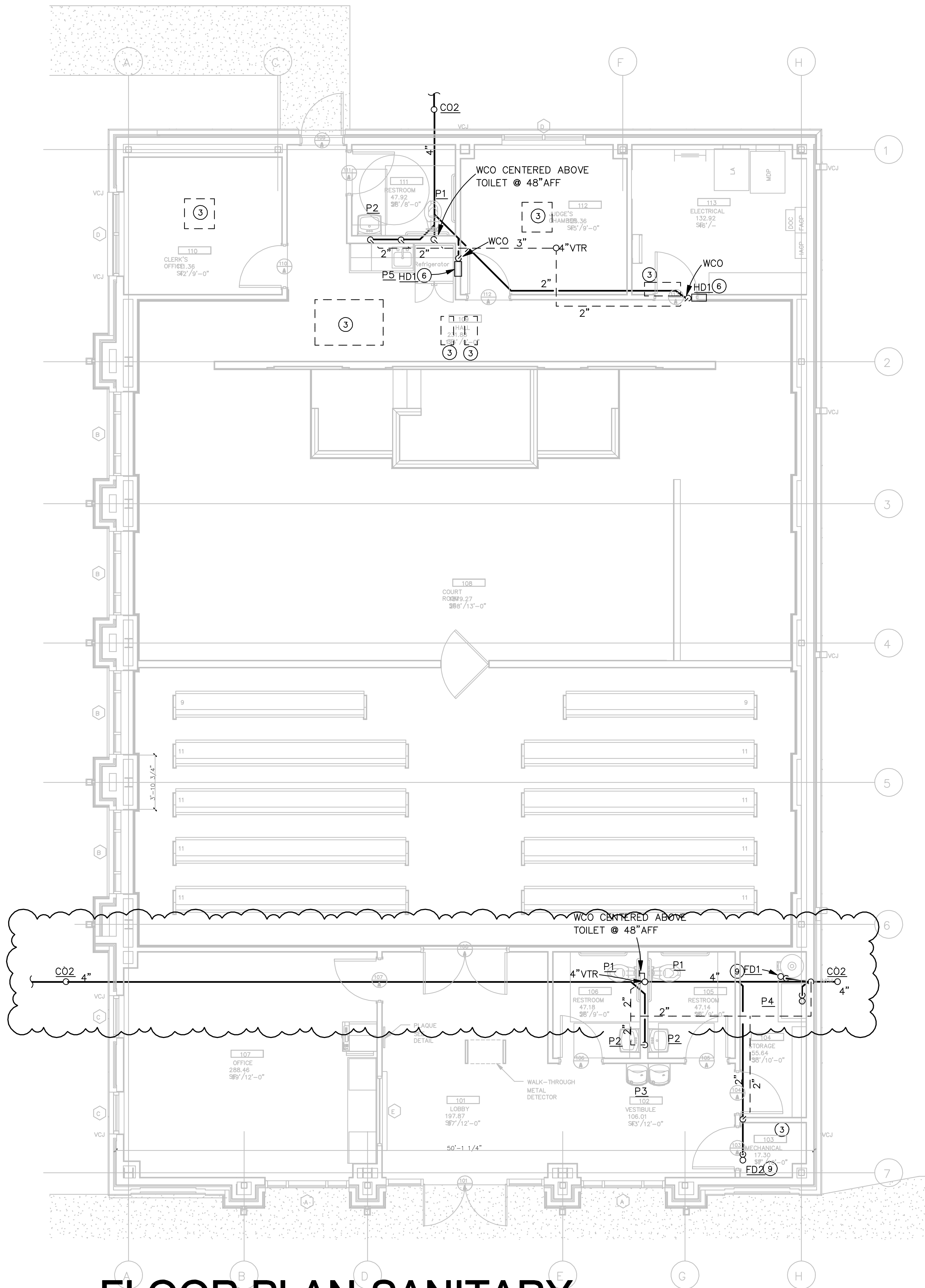
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## GENERAL NOTES—PLUMBING

- A) CONTRACTOR SHALL THOROUGHLY FAMILIARIZE HIMSELF WITH ALL DRAWINGS, VERIFY LOCATIONS, PIPE ROUTING, ETC. BEFORE SUBMITTING ANY BID. ANY DISCREPANCIES SHALL BE REPORTED TO THE OWNER AS SOON AS POSSIBLE.
- B) CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FINAL CONNECTIONS TO PLUMBING EQUIPMENT. THIS INCLUDES BUT IS NOT LIMITED TO FURNISHING AND INSTALLING ALL TRAPS, DRAINS AND SUPPLIES WITH STOPS. THIS SHALL INCLUDE SPECIAL EQUIPMENT AS FURNISHD BY OTHERS.
- C) COORDINATE THE LOCATION OF ALL PIPING AND EQUIPMENT WITH ALL OTHER TRADES.
- D) COORDINATE METER TAP FEES, ETC. WITH LOCAL UTILITY COMPANY. CONTRACTOR IS REQUIRED TO PAY ALL TAP FEES, PERMITS, ETC. AS REQUIRED.
- E) PROVIDE VACUUM BREAKERS FOR ALL FIXTURES WITH HOSE CONNECTIONS.
- F) PROVIDE U.L. LISTED FIRE STOPPING MATERIAL (LOCAL CODE APPROVED) FOR ALL PIPING PENETRATING FIRE RATED WALLS, FLOORS AND CEILINGS.
- G) ALL FLOOR DRAINS SHALL HAVE DEEP SEAL TRAPS.
- H) CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING LOCATIONS, ARRANGEMENTS, SIZES AND CONDITIONS AND IN CASE OF DISCREPANCY, CONTACT THE ARCHITECT FOR RELOCATION OF SAID ELEMENTS IN ACCORDANCE WITH THE BASIC INTENTIONS INDICATED BY THE DRAWINGS AND DETAILS.
- I) EXACT LOCATIONS AND ROUGH-IN REQUIREMENTS FOR ALL FIXTURES AND EQUIPMENT SHALL BE DETERMINED FROM ARCHITECTURAL DRAWINGS, LARGE SCALE ARCHITECTURAL DETAILS AND APPROVED MANUFACTURER'S SHOP DRAWINGS. PARTICULAR ATTENTION SHALL BE DIRECTED TO FIXTURES OR EQUIPMENT FURNISHED UNDER OTHER DIVISIONS.
- J) INVERT ELEVATIONS SHALL BE VERIFIED ON THE JOB BEFORE INSTALLING ANY NEW PIPE.
- K) INSTALL TEST-TEES WHEN THE SYSTEM IS TO BE TESTED IN SECTIONS.
- L) PIPING IS SHOWN IN ITS GENERAL LOCATION (UNLESS DIMENSIONED). EXACT LOCATION SHALL BE DETERMINED BY JOB CONDITIONS. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF HIS WORK WITH THAT OF OTHER TRADES AND ARRANGE PIPING TO CLEAR STRUCTURAL MEMBERS AND DUCTWORK.
- M) RISERS FOR FIXTURES, UNLESS OTHERWISE NOTED , SHALL BE CONCEALED IN WALLS OR PIPE CHASES.
- N) MINIMUM SIZE WATER LINE FOR ANY TWO FIXTURES SHALL BE 3/4". REFER TO PLUMBING FIXTURE SCHEDULE FOR INDIVIDUAL FIXTURE RUNOUT SIZES.
- O) PROVIDE SLEEVES FOR PIPES PASSING THRU FLOORS, MASONRY WALLS AND FIRE OR SMOKE PARTITIONS. PACK ANNULAR SPACE BETWEEN PIPE WITH MATERIAL APPROVED IN U.L. BUILDING DIRECTORY.
- P) ALL DOMESTIC WATER PIPING SHALL BE RUN ABOVE CEILING, BELOW TRUSS BOTTOM CHORD, UNLESS OTHERWISE INDICATED OR NOTED. VALVES AND PIPING SHALL BE ACCESSIBLE W/ EASE FROM FLOOR LEVEL.
- Q) ALL EXPOSED PIPING SHALL BE PAINTED PER ARCHITECTURAL SPECIFICATIONS, COLOR TO BE SELECTED BY ARCHITECT.
- R) ALL PLUMBING VENTS SHALL BE RUN ABOVE CEILING, UNLESS NOTED OTHERWISE.
- S) COORDINATE ROUGH-IN REQUIREMENTS WITH ACTUAL EQUIPMENT TO BE INSTALLED.
- T) PROVIDE WASTE, GAS, AND WATER SERVICES AND FINAL CONNECTIONS TO ALL EQUIPMENT REQUIRING WASTE, GAS, OR WATER.
- U) WASTE AND WATER, SHALL BE CONNECTED TO EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- V) PROVIDE WATER HAMMER ARRESTORS AT ALL FLUSH VALVE FIXTURES. WHETHER SHOWN OR NOT.
- W) LOCATE PLUMBING VENT TERMINATIONS A MIN. OF 15' FROM FRESH AIR INTAKES. COORD. W/HVAC.
- X) PROVIDE ISOLATION VALVES @ ALL INDIVIDUAL PIECES OF EQUIP. OR FIXTURES.
- Y) ALL FLOOR DRAINS SHALL BE 3" SIZE U.N.O.
- Z) REFER TO CIVIL FOR CONT. GF PIPING @ BUILDING EXTERIOR.
- AA) COORDINATE FINAL LOCATION OF DRAINS FOR HVAC EQUIPMENT TO INSURE LOCATIONS ARE CORRECT.
- BB) PROVIDE WALL CLEANOUTS BENEATH ALL LAVS & SINKS.
- CC) COORD. FINAL LOCATIONS OF CLEANOUTS, LAWN FAUCETS, FRESH AIR INTAKES (FAI) (INCLUDING MOUTING HEIGHTS) WITH ARCHITECT.

## NUMBERED NOTES - PLUMBING

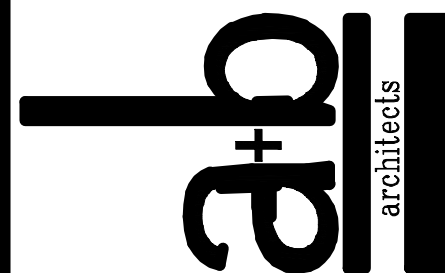
1. WATER HEATER.
2. RISE PIPING TO ABOVE FLOOR.
3. MECH. EQUIPMENT. COORD. W/SAME FOR FINAL LOCATION OF FD/HD.
4. DROP PIPING IN WALL TO HEIGHT AS REQUIRED TO SUIT PLUMBING FIXTURE ROUGH-IN HEIGHT. COMPLETE RUN TO FIXING MAY NOT BE SHOWN FOR CLARITY. TYPICAL.
5. PLUMBING VENT ABOVE CEILING.
6. HUB DRAIN IN WALL WITH BOX AND COVER. TOP OF COVER TO BE MOUNTED 3" BELOW CEILING. COORDINATE WITH HVAC. ACCESS SIDE AS INDICATED.
7. NEW DOMESTIC WATER PIPING ABOVE CEILING.
8. DROP PIPING ON/IN WALL AS INDICATED TO WATER HEATER. MAKE CONNECTION PER WH MANUF.
9. FLOOR DRAIN. PROVIDE TRAP PRIMER TRAP GUARD BY PROSET OR SURESEAL AS REQUIRED.



## FLOOR PLAN-SANITARY

SCALE: 1/4"=1'-0"

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REVISIONS: 5-18-2020

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ASHBURN, GA 31714

Construction Documents

P2001

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