

Memphis Housing Authority

Capital Improvements Department

700 Adams Avenue, Room 107 Memphis, Tennessee 38105-5029

ADDENDUM NO. 5

Issued: April 25, 2023

This addendum shall become and form a part of the following solicitation:

Solicitation #CI 23 B 00659

Renovation of Five [5] dwelling units at Montgomery Plaza for MHA, Memphis, TN

TO ALL POTENTIAL OFFERORS:

This Addendum, including all articles and corrections listed below, shall become a part of the original solicitation package, and shall be considered in preparing your proposals.

To ensure that all firms are given an equal opportunity to submit a competitive bid, copies of the Pre- Bid Conference meeting minutes, vendor's questions and responses and clarifications regarding Solicitation # CI 23 B 00659 for Renovation of Five [5] dwelling units at Montgomery Plaza for MHA, Memphis, TN were included to Addendum #1 included.

Please acknowledge receipt of this addendum by signing, dating, and including a copy of this addendum cover sheet in your proposal.

Name of Firm:	
Signature:	Date:
Title:	

Dates: April 17, 2023,

To: All Potential Offerors & Meeting Attendees (as listed below)

From: Kevin Pilate, Senior Project Manager, MHA Capital Improvements

RE: Pre-Bid Conference

Solicitation # CI 23 B 00659: Renovation of Five [5] Dwelling units at for MHA, Memphis, TN

CC: David Walker, **DW** Contracting Officer, MHA

Kevin Pilate, **KP** Senior Project Manager, MHA

Kelitia Dickson, **KD**Moshe Cole, **MC**Walter Blalack, **WB**Director, MHA
Project Manager, MHA
Senior Project Manager, SSR

Pre- Bid Meeting was held at the Memphis Housing Authority Central Office in Board Room on Monday, April 17, 2023, at 10:00 A.M. regarding Solicitation No. CI 23 B 00659 for the Renovation of Five [5] Dwelling units at Montgomery Plaza, Memphis TN.

Meeting Attendees were as follows: See attached Attendee Sign in Sheets

The following items were discussed in the Pre-Bid and are listed as follows:

KP: Instructed all attendees to sign the meeting attendance sheet.

KP: Welcome and Introductions

KP: Instructed attendees to sign the sign in sheet legibly.

KP: Instructed all attendees to hold questions till the end unless prompted for questions.

KP discussed and explained the MHA Bid Process to Attendees.

KP discussed and explained the bid form and answered questions from attendees regarding the bid form.

KP discussed mandatory submittals, required documents for bid submission.

Legal Notice

Invitation for Bid

Bid Form

Bid Bond

Representations, Certifications and Other Statements of Bidders

Previous Participation Certification

Qualifications Questionnaire.

Non collusion Affidavit Certification

Debarment or Suspension Certification

Equal Opportunity Employer Certification

Drug Free Workplace Certification

DW discussed and explained the HUD Section 3 Program

KD discussed MHA's MBE/WBE Participation Program and Goals

KP discussed Davis Bacon Wage Rates and Requirements for Certified Payroll

WB: Scope of work is pretty straight forward the units have been abated down to the studs. The goal of this project is to rebuild the units from the studs out make any necessary structural repairs as noted from structural engineer. Then follow project drawings and specs in order to completely renovate each unit.

KP discussed the HUD 5370 General Conditions for Construction Contracts **KP** discussed the following.

- o Form of Contract
- o Special Conditions
- Weather Delays
- o Davis Bacon Wage Rates
- o HUD 51000 Documents for Payments
- o Certified Payroll Requirements
- Special Conditions
 - Working hours
 - Weather delays

KP discussed the following project closeout documents.

Certificate and Release of Lien

Waiver and Release of Lien

KP reviewed and discussed the Division 1 Specifications.

Please see attached document for additional meeting minutes.

Addition:

- 1. Unit 1406 Fairview unit 1.
 - a. UNIT 1406 FAIRVIEW UNIT 1 WILL BE ADDED TO THE SCOPE OF WORK, TO BE RENOVATED AS SUGGESTED BY THE PROJECT DOCUMENTS AND THE STRUCTURAL REPORT.

Please see attached drawings.

Revision:

- 1. New Bid Form
 - a. PLEASE REMOVE THE PREVIOUS BID FORM FROM THE BID DOCUMENTS. THERE SHALL BE A NEW BID FORM ATTACHED TO THIS ADDENDUM.

END OF ADDENDUM #5



Specification Standards for Renovation, Improvements and Repairs for Memphis Housing Authority Public Housing Units 2nd Pre-Bid Meeting for Solicitation # CI 23 B 00659 MHA Board of Director's Conference Room at 10:00 A.M.

2nd Pre-Bid Meeting Notes

Date: April 17, 2023

• Attendance sheets for each of the three Pre bid meetings are attached.

• The meeting progression generally followed the attached agenda, presented to attendees.

• Project contact list in order of priority

-Kevin Pilate (MHA) PH: (901) 544-1882 FX: (901) 544-1126

e-mail: kpilate@memphisha.org

-Walter Blalack (SSR) PH: (901) 683-3900 FX: (901) 683-3990

e-mail: wblalack@ssr-inc.com

- Kevin Pilate (MHA) discussed contract compliance issues:
 - 1. The project now consists of renovating seven (7) dwelling units at Montgomery Plaza.
 - 2. A sample BID FORM was distributed to all in attendance. The bid shall be good for 90-days.
 - 3. Bidders are encouraged to review the entire project manual for all forms to be submitted in the bid package, completed, signed and notarized as applicable.
 - 4. Bids are due May 9, 2023, time stamped by 2:00 PM, delivered to MHA Office, Room 107.
 - 5. Site will be available for examination, by appointment with Kevin Pilate. Bidders are encouraged to visit all units to satisfy themselves of the scope of the work.
 - 6. All questions are due and visitation to the units will end 3:00 PM, April 28, 2023.
 - 7. Performance and Payment Bond 100% of contract is required in accordance with HUD 5369.
 - 8. 5% Bid Bond is required.
 - 9. Bid Form is a line-item format per dwelling unit.
 - 10. The \$50,000.00 general allowance in the BID FORM is allocated for unforeseen conditions. Unused allowance balance will be returned to MHA in the form of a deductive change order at the end of the project.
 - 11. Project completion is 210 Consecutive Calendar Days (Monday Friday) from Notice To Proceed (NTP), excluding MHA Holidays listed in the Project Manual.
 - 12. The project holds liquidated damages at \$300.00 per day for incomplete contracted work, beginning day one after the substantial completion date.
 - 13. Notice to Proceed (NTP) will be issued based on all upfront document review.
 - 14. Within five (5) days of contract award and NTP, contractor shall submit schedule of values and a work schedule. Schedule of Values shall be submitted on HUD Form 51000.



- 15. Wage Rates Davis Bacon Wage Rates are found in the project manual for single family structures up to 4-stories in height.
- 16. Contractors are responsible for the security of all material and equipment.
- 17. Any utility outages will require minimum 72-hour prior notice to MHA.
- 18. Davis Bacon Wage Rates and Application for Payment Procedures. Certified Payrolls shall be submitted with every Application for Payment.
- 19. Payment application process (one per month). Submit certified payrolls with every payment application. Release forms shall be submitted with every payment application.
- 20. Specific work hours are 8:00 AM to 4:30 PM, Monday through Friday. Contractor will not be allowed to work on MHA observed Holidays, or weekends.
- 21. Weather delays are included in the bid package, but, since most of the work is inside, weather delays may be difficult to claim.
- 22. RFI process
 - -All Requests for Information (RFI) shall be in writing to Kevin Pilate. Verbal direction is not binding. Written responses will be forwarded to all bidders in the form of an addenda to the bid package.
 - RFI's will be accepted through, and final site visits will end 3:00 PM CDT, April 28, 2023.
 - The final formal addenda addressing all received questions will be issued no later than April 28, 2023, prior to bid date, May 9, 2023.
- 23. Quality of construction is paramount for this project.
- **David Walker (MHA)** discussed Labor Compliance, Section 3 HUD initiative and MBE/WBE reporting requirements. Section 3 is not a requirement to submit a bid, but the document shall be submitted with the bid.
- Walter Blalack (SSR) discussed the project in general.
 - 1. MHA development, Montgomery Plaza has presently selected seven (7) dwelling units receiving renovation.
 - 2. The photos shown in the drawings were taken at an early stage of design and may not reflect the present condition of the respective units. Bidders are encouraged to visit each dwelling units to satisfy themselves of the present conditions to be renovated.
 - 3. The selected units are vacant, but the remainder of the complex is occupied.
 - 4. Bidders are encouraged to read all notes and specifications.
 - 5. Wall finishes, ceiling finishes, flooring material, building insulation, cabinets, have been removed from a previous HAZMAT abatement project, down to the stud framing. This project is to replace the removed material, wall and ceiling finishes, doors, HVAC, plumbing and electrical components and fixtures. Tubs are to be removed and replaced, in like kind and color. HVAC equipment (furnace, cooling coils and condensers) and ductwork and refrigerant piping are to be removed and replaced in like size, connected to the HVAC equipment (2-ton cooling for 2- and 3-bedroom units; 3-ton cooling for 4- and 5-bedroom units). Electrical service panels will be upgraded to a 100 Amp panel with new feeder from existing meter through 1½" conduit from meter to new panel. Concrete stoops are removed at the dwelling



unit exterior front entrance and replaced with concrete ramps as detailed on the plans. If existing exterior shut-off valves boxes are in the confines of the new ramp, the existing precast concrete box shall be cast in the new concrete slab.

- 6. Plans have been submitted to Code Enforcement per address as listed on the cover sheet. Code Enforcement requires a permit be drawn for each dwelling unit address.
- 7. Bidders are cautioned about scaling the drawing for quantity take-offs of the areas receiving material replacements.
- 8. Contractors are always directed to maintain a professional conduct while on the job.
- 9. Complete submittals will be received in one binder.

SIGN IN SHEET

Solicitation # CI 23 B 00659 for the Renovation of Five [5] Dwelling units at Montgomery Plaza for Memphis Housing Authority Monday, April 17, 2023 @ 10:00 a.m.

PLEASE WRITE LEGIBLY

Print Name (DO NOT SIGN)	Name of Business	Phone	Fax	Email Address
Kevin B. Pilate	MHA	901-544-1882	901-544-1126	kpilate@memphisha.org
Kelitia M. Dickson 妆	MHA	901-544-1334	901-544-1312	kdickson@memphisha.org
Moshe Cole	MHA	901-	901-	mcole@memphisha.org
David Walker Ali AlQozwini	m tha	901-544-1298		dwalker & memphisharo ali@aaudb construction co
	A+B	901-544-1298		ali@aandb construction co
WAITER BLALLLU	557Z	901 683 3900 901 260 9813	901 6833996	WBLALAGICE SSR-INC.CO
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Moshe Cole	MHA	901-	901-	mcole@memphisha.org
David Walker Ali AlQazwini	· m Hva	901-544-1298	-	dwalter memphishan
	A+B	901-544-1298		87.00
WAITER BLALLOU	557Z	901 683 3900	901 683399	WBLALAGICESSR-INC.C
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RENOVATION, IMPROVEMENTS, AND REPAIRS FOR MEMPHIS HOUSING AUTHORITY PUBLIC HOUSING UNITS SOLICITATION # CI 23-B-00660

MONTGOMERY PLAZA TN-1-21 MULTIPLE UNITS 1406 FAIRVIEW STREET, UNIT #1

MAYOR OF MEMPHIS : JIM STRICKLAND
MHA EXECUTIVE DIRECTOR: DEXTER D. WASHINGTON
MHA BOARD COMMISSIONERS:

JUSTIN BAILEY:
MARY W. SHARP:
MICHAEL A. BOYD:
DOROTHY L. CLEAVES:
KATHY MOORE COWAN:
SHAWNA ENGEL:
SHELIA TERRELL:

CHAIRPERSON
VICE-CHAIRPERSON
BOARD COMMISSIONER
BOARD COMMISSIONER
BOARD COMMISSIONER
BOARD COMMISSIONER
BOARD COMMISSIONER
BOARD COMMISSIONER



OWNER:

MEMPHIS HOUSING AUTHORITY 700 ADAMS AVE. MEMPHIS, TN 38105 OFFICE: (901) 544-1148 FAX: (901) 544-1331

BID DOCUMENT APRIL 20, 2023



INDEX OF DRAWINGS

SHEET NO.
COVER SHEET

AC1.0 ACCESSIBILITY DETAILS

AC1.1 ACCESSIBILITY DETAILS

AC1.2 ACCESSIBILITY DETAILS

AC1.3 ACCESSIBILITY DETAILS

AC1.4 ACCESSIBILITY DETAILS

A 1.1 1406 FAIRVIEW STREET - UNIT 1 - FLOOR PLANS / KEY NOTES

A 1.2 1406 FAIRVIEW STREET - UNIT 1 - PHOTOS

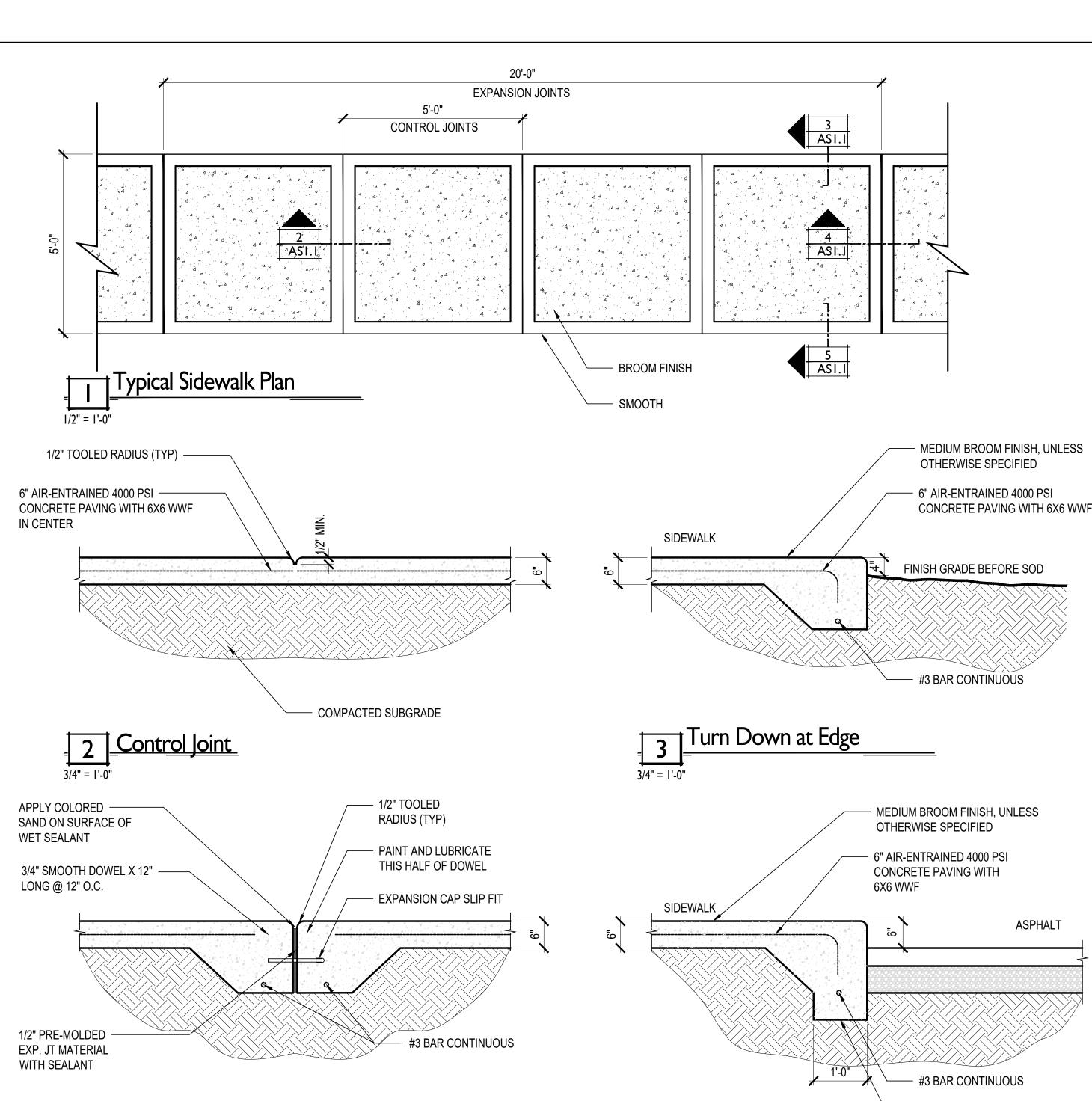
A 1.3 1406 FAIRVIEW STREET - UNIT 1 - RENOVATION PLAN / ELEV'S

A 1.4 1406 FAIRVIEW STREET - UNIT 1 - FIXTURE / APPLIANCE / MILI

A 1.4 1406 FAIRVIEW STR AG 1.1 SPECIFICATION SH AG 1.2 SPECIFICATION SH AG 1.3 SPECIFICATION SH AG 1.4 SPECIFICATION SH AG 1.5 SPECIFICATION SH AG 1.6 SPECIFICATION SH AG 1.7 SPECIFICATION SH AG 1.8 SPECIFICATION SH AG 1.9 SPECIFICATION SH

MPE 1.1 1406 FAIRVIEW STREET- UNIT 1 - MEP FLOOR PLANS / KEY NOTES

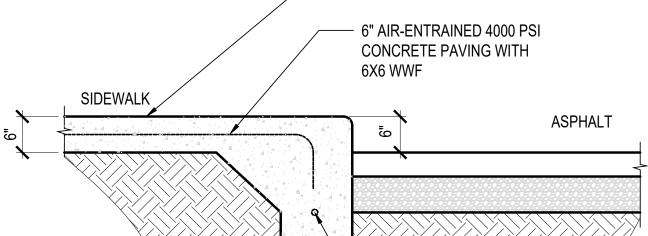
SET #_____



4 Doweled Expansion Joint

General Notes:

- EXPANSION JOINTS SHALL BE LOCATED WHERE SIDEWALK ABUTS CONCRETE DRIVEWAYS, CURB OR OTHER ADJACENT STRUCTURES.
- 2. ONE-HALF INCH BITUMINOUS JOINT FILLER SHALL BE INSTALLED AT EXPANSION JOINT LOCATIONS AND SHALL EXTEND THE FULL DEPTH OF THE CONCRETE.
- 3. 1" DEEP CONTRACTION JOINTS SHALL BE PLACED AT INTERVALS OF APPROXIMATELY 15' 3/4" OR AT A SPACING THAT MATCHES THE ADJACENT CURB.
- 4. FORMED CONTRACTION JOINTS SHALL BE FINISHED WITH A TOOL HAVING A 1/4" RADIUS.
- 5. SCORED JOINTS SHALL BE 1/4" DEEP AND PLACED AT THE SPACING INDICATED FOR THE WIDTH OF SIDEWALK OR MATCH SCORED JOINTS OF ADJACENT CURB.
- 6. CONCRETE SHALL BE FINISHED BY MEANS OF A FLOAT, STEEL TROWELLED AND BROOMED WITH A FINE BRUSH IN A TRANSVERSE DIRECTION.
- 7. 1/2" DEEP SCORED JOINTS (TYP) SPACED AT 5' OR EQUAL TO SIDEWALK WIDTH.
- THESE DETAILS APPLY TO ALL UNITS LOCATED AT MONTGOMERY PLAZA
- FIELD MEASURE EACH UNIT AND CONSTRUCT WALKS WITH REQUIRED SLOPES AS SHOWN ABOVE.



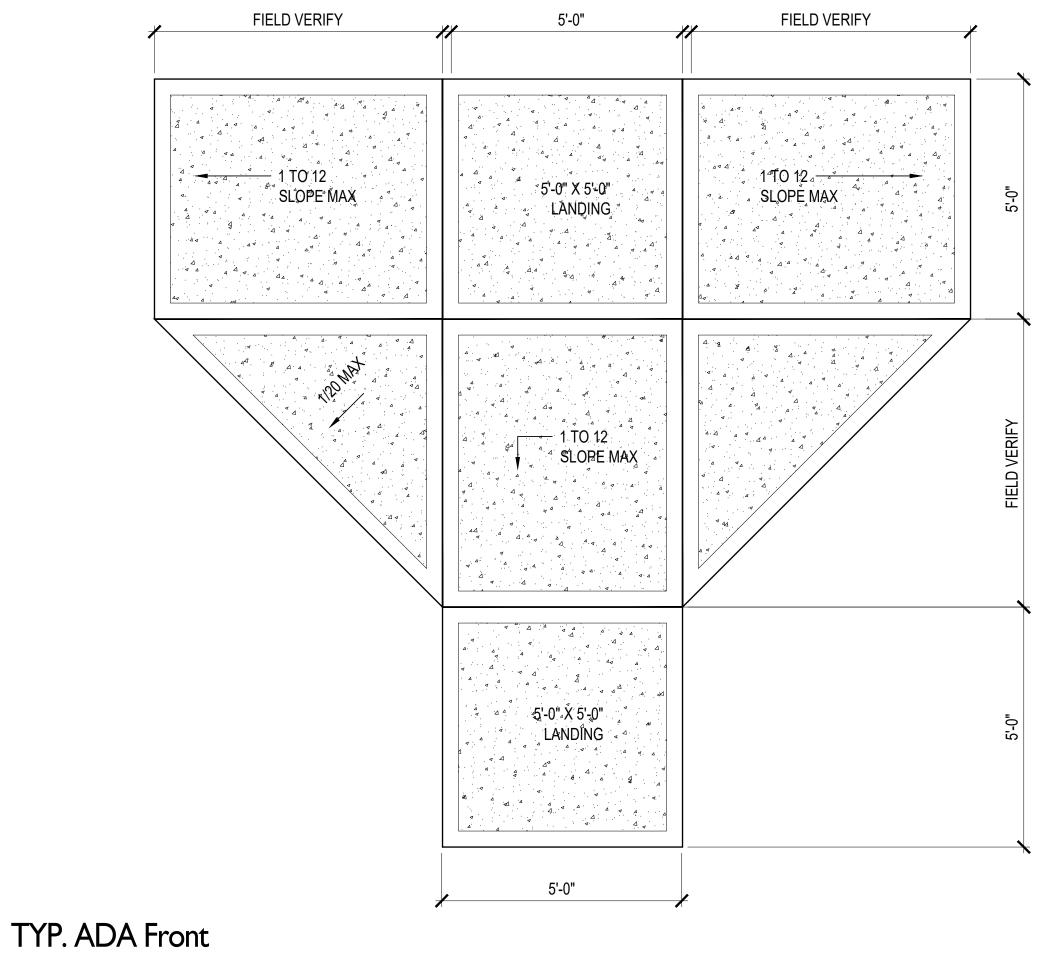


DO'S:

ORDER A QUALITY CONCRETE MIX WITH THE APPROPRIATE SLUMP FOR PROPER PLACEMENT REQUIRED.

POURED CONTINUOUS FOOTING

- PLACE CONCRETE ON A WELL-DRAINED SUB-GRADE THAT HAS ADEQUATE AND UNIFORM LOAD-BEARING CHARACTERISTICS.
- GRADE THE SUB-GRADE SO THAT THE CONCRETE IS OF UNIFORM THICKNESS AND PROPERLY SLOPED FOR DRAINAGE.
- VIBRATE OR TAMP AND SCREED THE CONCRETE, THEN FLOAT IT TO THE SPECIFIED GRADE, FLATNESS, AND LEVELNESS.
- TEXTURE ALL SURFACES ADEQUATELY AND UNIFORMLY FOR SLIP RESISTANCE.
- 6. FINISH ALL SURFACES WITHIN REASONABLY THE SAME TIME AFTER PLACEMENT.
- 7. FINISH THE EDGES FIRST AND DO ALL HAND-FINISHING IN THE SAME DIRECTION.
- 8. PROTECT THE CONCRETE SURFACE FROM RAPID EVAPORATION OF BLEED WATER.
- 9. USE AN APPROVED CURING COMPOUND FOR PROPER CURING OF CONCRETE.
- 10. PROTECT THE FRESHLY PLACED CONCRETE FROM FREEZING FOR THE FIRST 72



DON'TS:

6 Entrance Ramp

- 1. DON'T USE CALCIUM CHLORIDE ACCELERATORS TO ACHIEVE FAST CONCRETE SET
- 2. DON'T ORDER CONCRETE IN LESS THAN 3 YD3 INCREMENTS. FULL COLOR CONSISTENCY IS NOT GUARANTEED.
- 3. DON'T PLACE CONCRETE ON A SUB-GRADE THAT IS NOT THOROUGHLY COMPACTED
- 4. DON'T PLACE CONCRETE OVER FREESTANDING WATER OR MUDDY, FROZEN OR SOFT SPOTS.
- 5. DON'T ADD WATER AFTER A PORTION OF THE LOAD HAS BEEN DISCHARGED, OR RETEMPER CONCRETE THAT HAS STARTED TO SET.
- 6. DON'T SPRINKLE WATER, OR OTHERWISE ADD WATER TO THE SURFACE DURING FINISHING OPERATIONS.
- 7. DON'T USE INCONSISTENT FINISHING PRACTICES.
- 8. DON'T OVER-TROWEL (BURN OR BURNISH) THE CONCRETE SURFACE.
- 9. DON'T USE PLASTIC SHEETING TO CURE CONCRETE.
- 10. DON'T ALLOW ITEMS TO STAND ON CONCRETE DURING THE CURING PROCESS.

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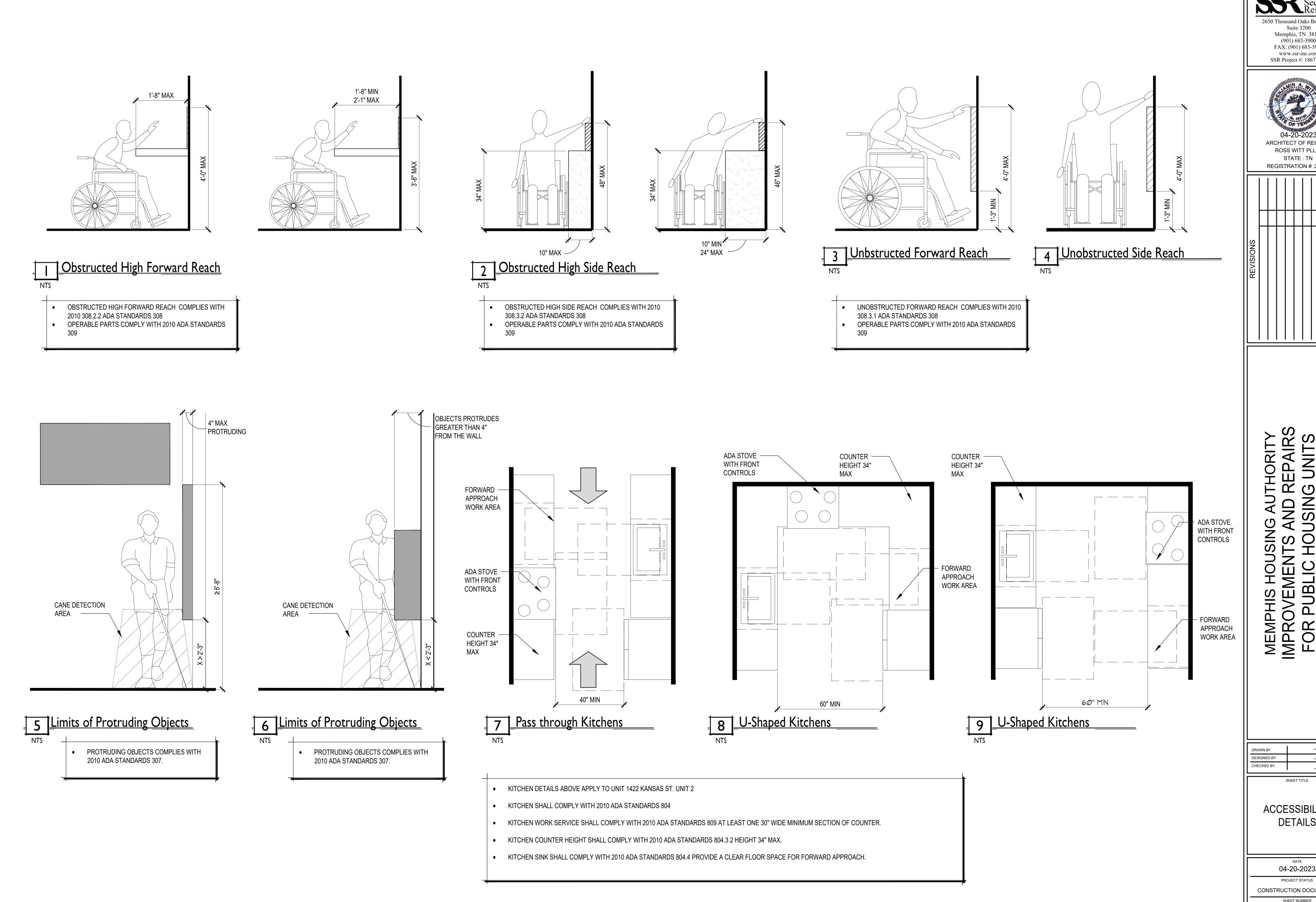


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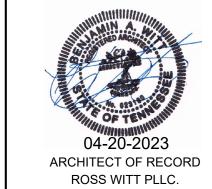
ACCESSIBILITY DETAILS

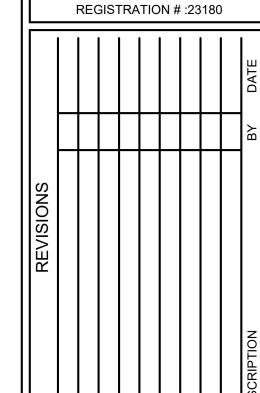
04-20-2023

CONSTRUCTION DOCUMENTS



2650 Thousand Oaks Boulevard, Suite 3200 Memphis, TN 38118 (901) 683-3900 FAX: (901) 683-3990 www.ssr-inc.com SSR Project #: 18672010



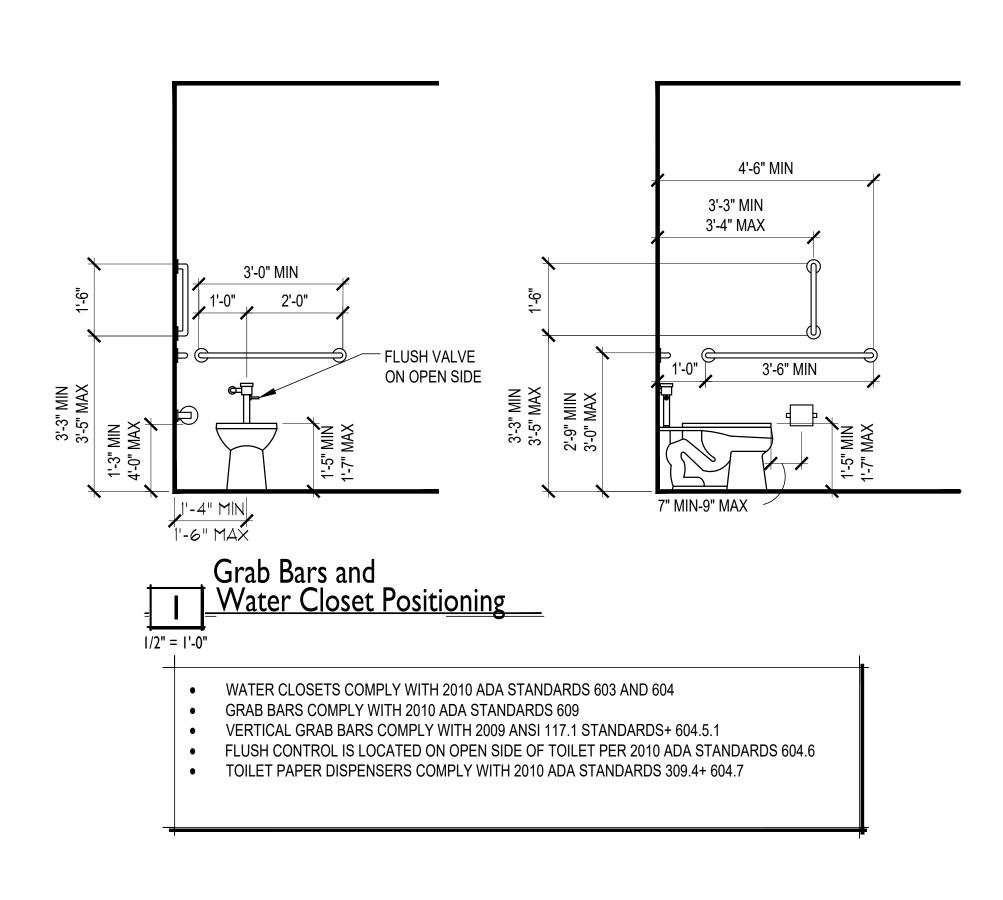


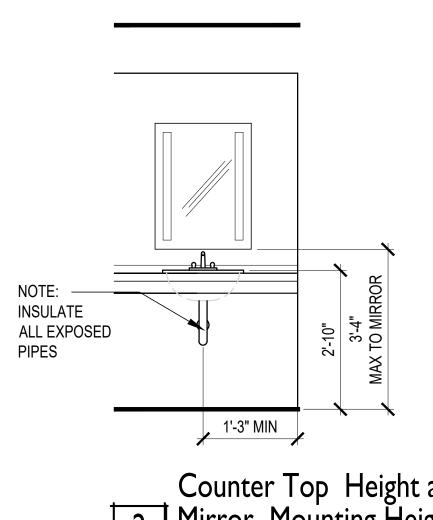
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ACCESSIBILITY DETAILS

04-20-2023

CONSTRUCTION DOCUMENTS



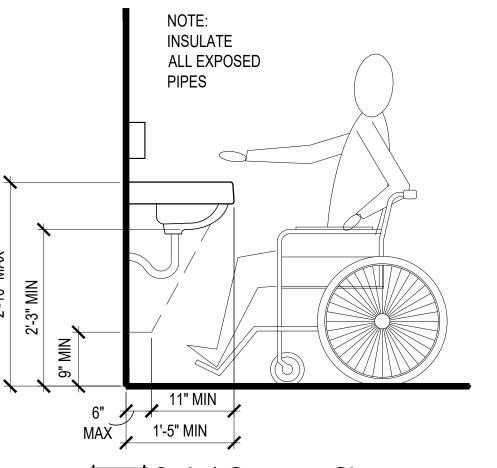


Counter Top Height and

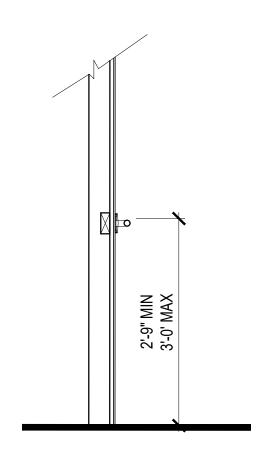
Mirror Mounting Height 1/2"=1'-0"

SINKS/SINK MOUNTING HEIGHT COMPLY WITH 2010 ADA

- STANDARDS 606 MIRRORS COMPLY WITH 2010 ADA STANDARDS 603.3
- OPERABLE PARTS COMPLY WITH COMPLY WITH 2010 ADA STANDARDS 606

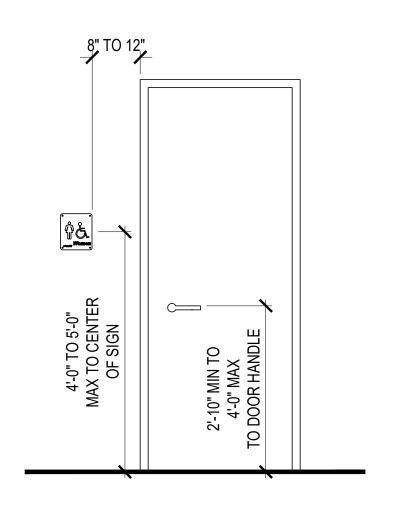


- 3 Sink / Counter Clearances
 - SINKS/SINK MOUNTING HEIGHT COMPLY WITH 2010 ADA STANDARDS 606 • MIRRORS COMPLY WITH 2010 ADA STANDARDS 603.3
 - KNEE AND TOE CLEARANCE COMPLIES WITH 2010 ADA STANDARDS 306



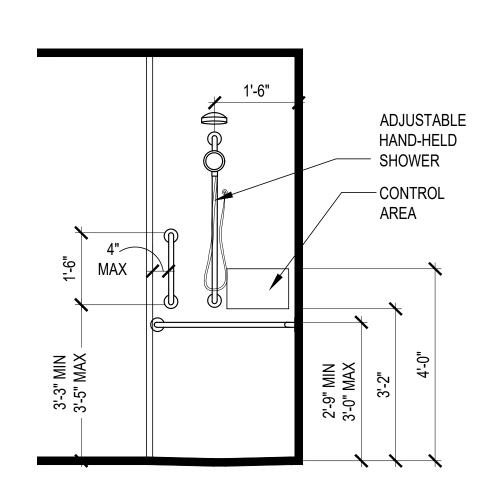


- ALL GRAB BARS COMPLY WITH 2010 ADA STANDARDS 609
- VERTICAL GRAB BARS COMPLY WITH 2009 ANSI 117.1+ STANDARDS 604.5.1 GRAB BARS SHALL MAINTAIN CLEARANCE OF 1-1/2" BETWEEN WALL AND INSIDE FACE OF GRAB BAR. GRAB BARS ARE BETWEEN 1-1/4" AND 1-1/2"
- GRAB BARS SHALL BE BOLTED THROUGH GYP BOARD TO 1 X 12 WOOD BLOCKING EXTENDING HORIZONTALLY IN STUD WALL THE FULL LENGTH OF THE GRAB BAR TO WITHSTAND VERTICAL AND HORIZONTAL FORCE OF 250 POUNDS



5 ADA Restroom Signage

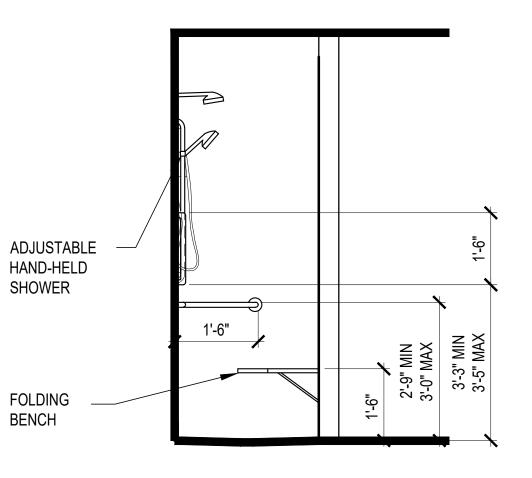
SIGNS SHALL COMPLY WITH 2010 ADA STANDARDS 703 DOOR HARDWARE SHALL COMPLY WITH 2010 ADA STANDARDS 404.2.7 AND 309.4



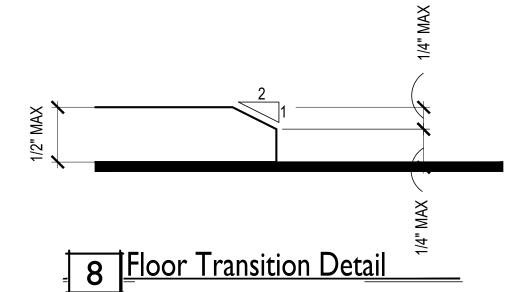
Transfer Shower

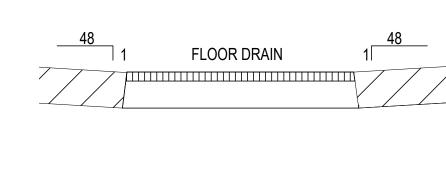
NTS

TRANSFER SHOWERS COMPLY WITH 2010 ADA STANDARDS 608 SHOWER SEAT COMPLIES WITH 2010 ADA STANDARDS 610



7 Transfer Shower





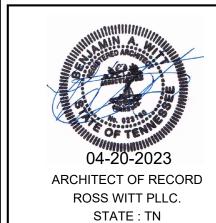
Slope and Cross Slope at Floor Drain

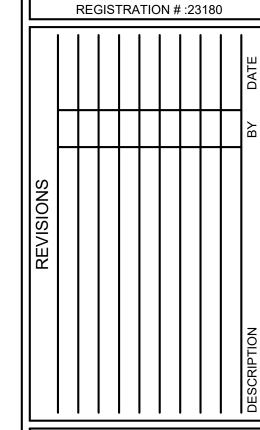
CHANGE IN LEVEL COMPLIES WITH 2010 ADA STANDARDS 303.3

SLOPE AND CROSS SLOPE AT FLOOR DRAIN SHALL NOT EXCEED 1:48 PER ADA STANDARDS 403

OPENINGS IN FLOOR DRAIN SHALL EXCEED 1/2" PER 2010 ADA STANDARDS 302.3

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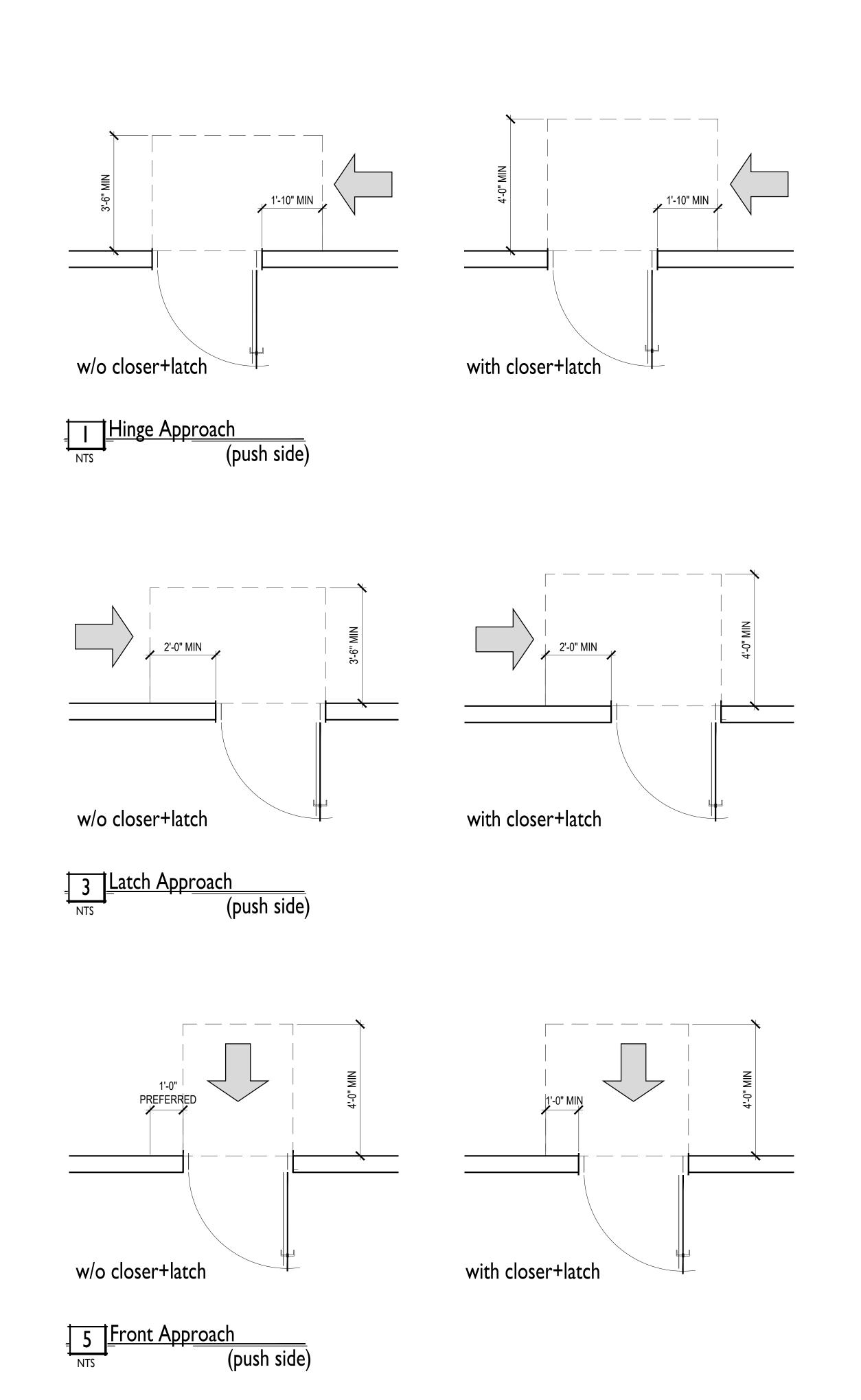
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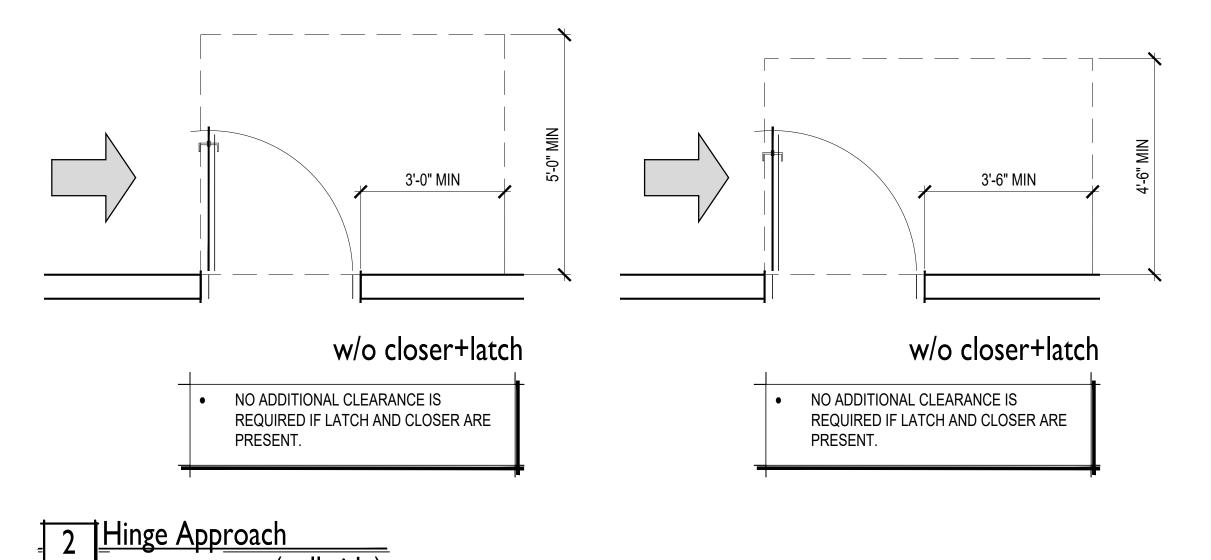
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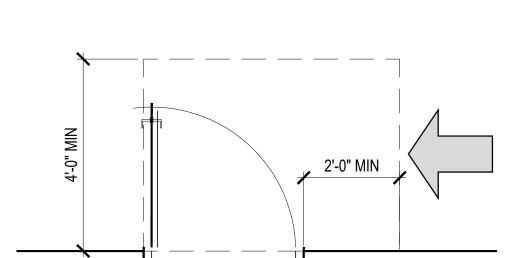
> **ACCESSIBILITY DETAILS**

04-20-2023

CONSTRUCTION DOCUMENTS

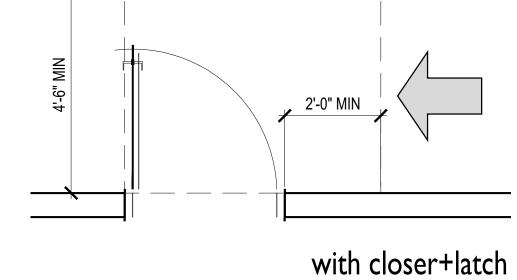




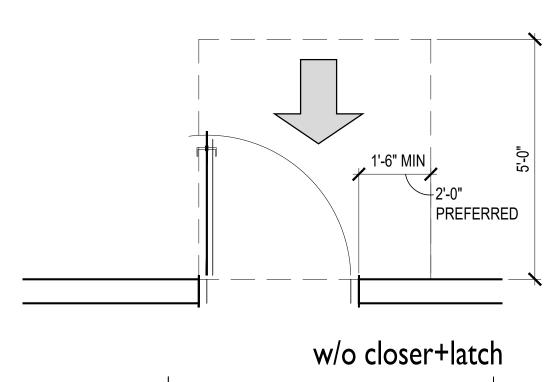


(pull side)

w/o closer+latch



Latch Approach (pull side)



NO ADDITIONAL CLEARANCE IS
 REQUIRED IF LATCH AND CLOSER ARE
 PRESENT.

Front Approach (pull side)

CODE REFERENCES

- ALL MANEUVERING CLEARANCES AT DOORS AND GATES COMPLY WITH 2010 ADA STANDARDS 404 TABLE 404.2.4.1
- CLEAR WIDTH AT DOORWAY SHALL BE 32" MIN PER 2010 ADA STANDARDS 404.2.3
- OPERABLE PARTS OF DOORS AND GATES SHALL COMPLY WITH 2010 ADA STANDARDS SECTION 309.4
- DOOR CLOSERS SHALL COMPLY WITH 2010 ADA STANDARDS SECTION 404.2.8.1
- DOOR AND GATE OPENING FORCE SHALL COMPLY WITH 2010 ADA STANDARDS SECTION 404.2.9

Smith Seckman Reid, Inc.

2650 Thousand Oaks Boulevard, Suite 3200

Memphis, TN 38118

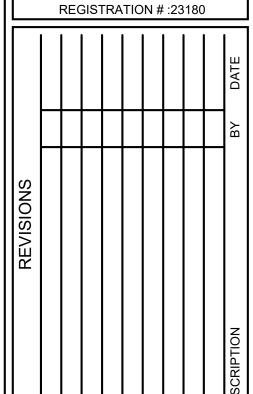
(901) 683-3900

FAX: (901) 683-3990

www.ssr-inc.com

SSR Project #: 18672010



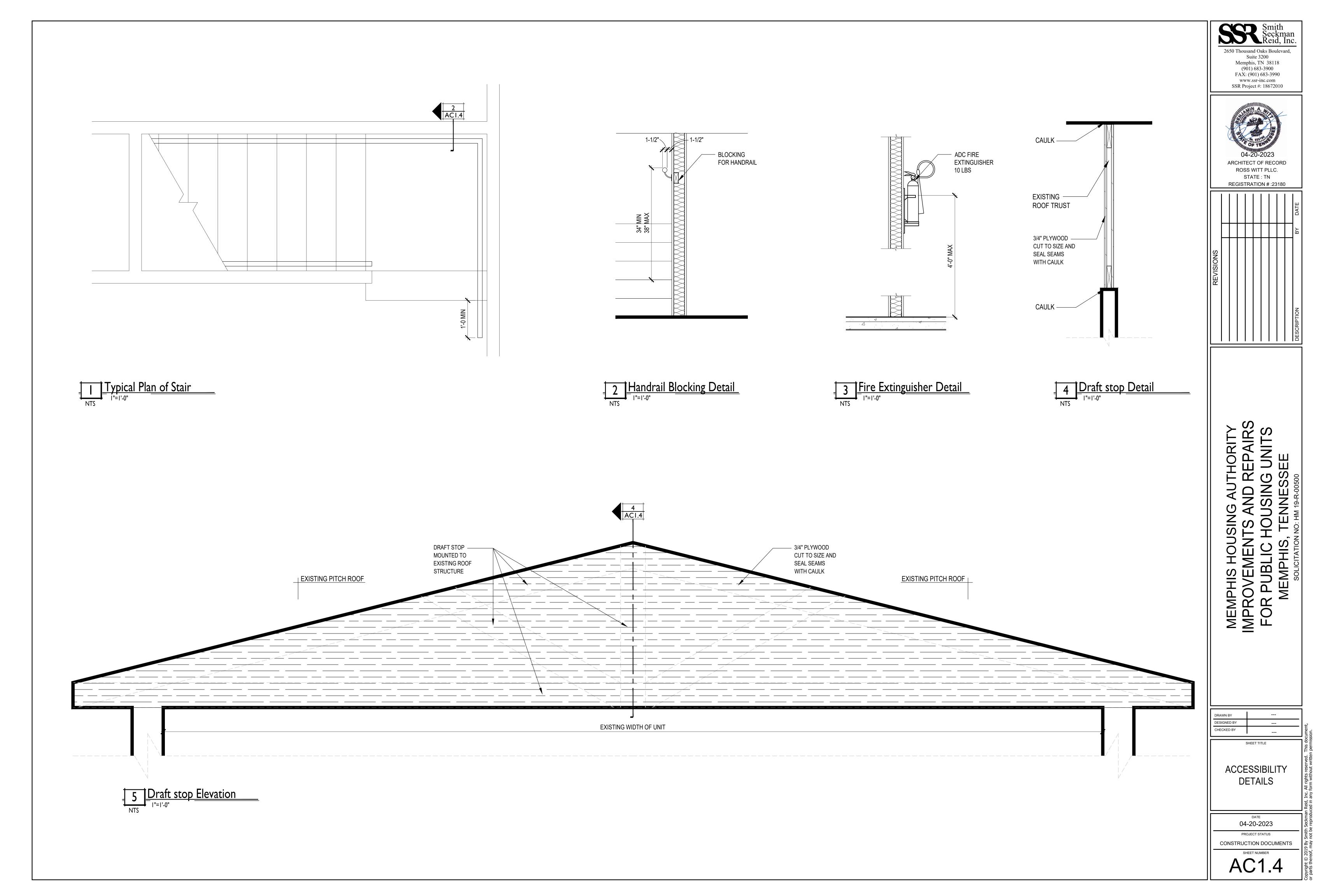


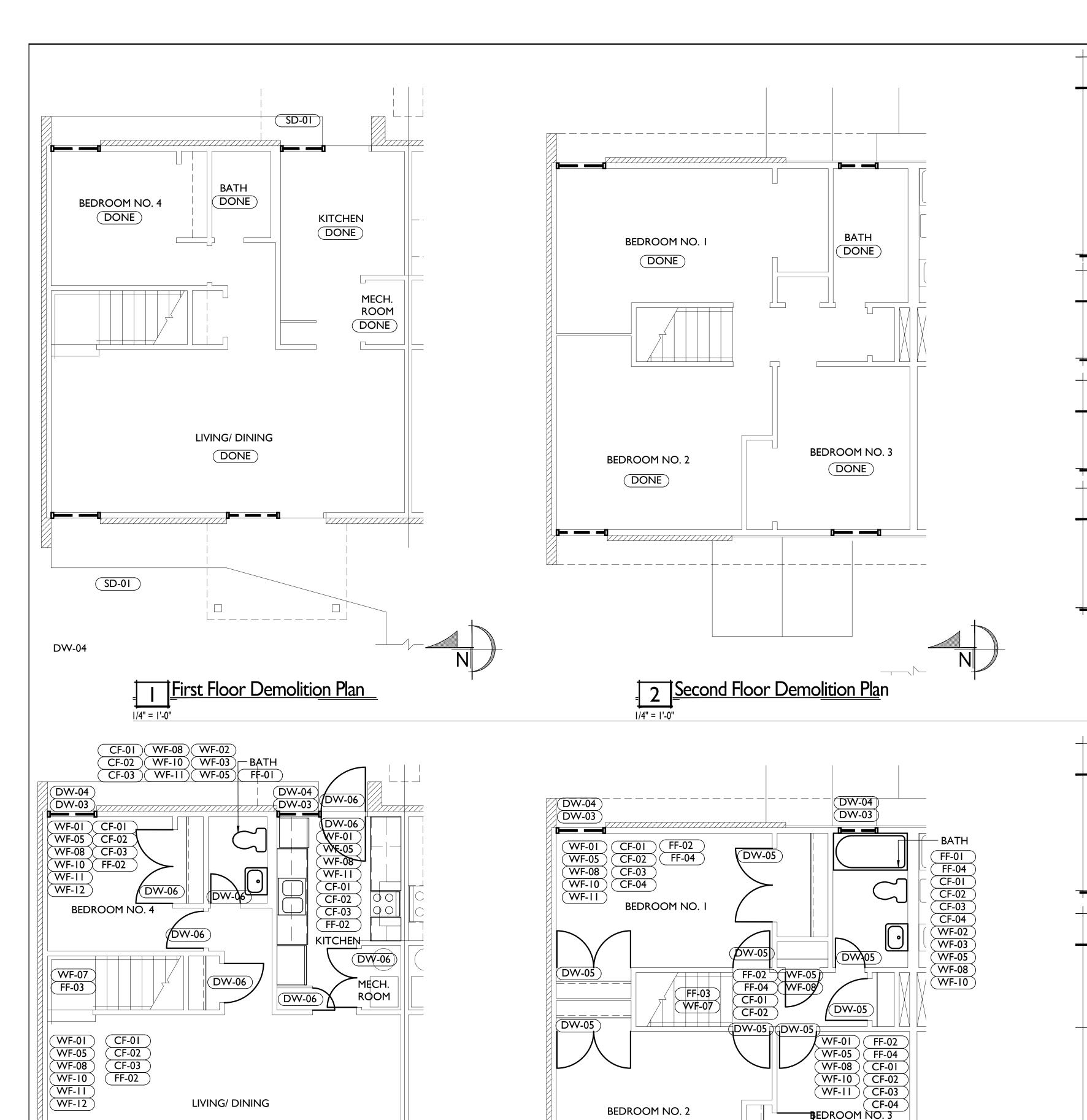
MEMPHIS HOUSING AUTHORITY IMPROVEMENTS AND REPAIRS FOR PUBLIC HOUSING UNITS MEMPHIS, TENNESSEE SOLICITATION NO: HM 19-R-00500

DRAWN BY --DESIGNED BY --CHECKED BY ---

ACCESSIBILITY DETAILS

DATE
04-20-2023
PROJECT STATUS
CONSTRUCTION DOCUMENTS





WF-01 WF-05

WF-08

WF-10

CF-04 WF-11

DW-05

Second Floor Renovation Plan

DW-04

DW-03

CF-01 **CF-02**

CF-03

FF-04

DW-04 DW-03

DW-06

DW-06

DW-04 DW-03

| First Floor Renovation Plan

! □

DW-04

DW-03

NOTES

- ALL MATERIAL IS TO BE DISPOSED OF PROPERLY OFFSITE. MATERIALS INTENDED FOR REUSE SHOULD BE STORED AS DIRECTED BY OWNER
- THE GENERAL CONTRACTOR SHALL MAINTAIN THE PROJECT SITE IN A CLEAN AND ORDERLY FASHION. TOOLS AND EQUIPMENT SHALL BE SECURED. ALL DEBRIS SHALL BE REMOVED DAILY.

NOTE

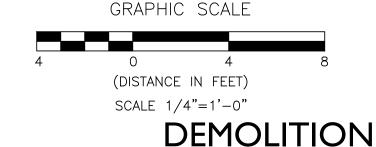
CONTRACTOR SHALL FIELD VERIFY ALL EXISTING DIMENSIONS.

MOLD NOTE

CONTRACTOR SHALL MOLD TREAT WOOD STUDS, JOIST, AND ADJACENT WALLS AS NEEDED

DRYWALL NOTE

CONTRACTOR SHALL INSTALL 5/8" TYPE X DRYWALL ON DEMISING WALLS, 5/8" GREEN BOARD IN RESTROOMS AND WATER WALLS AND STANDARD 5/8" DRYWALL FOR THE REMAINDER OF THE APARTMENT.



GENERAL NOTES

- FOR ALL FINISH SPECIFICATIONS **REFER TO SHEET A10.4**
- FOR SPECIFICATIONS OF PLUMBING FIXTURES, ELECTRICAL DEVICES, AND HVAC DIFFUSERS REFER TO MPE SHEETS.

NOTES

NOTE FF-04: CONTRACTOR'S CONCERN

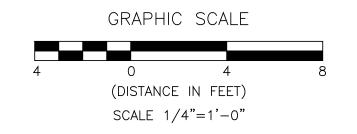
THE PLYWOOD WILL NOT BE FLEXIBLE TO THE EXISTING JOIST TOO RIGID.

NOTE WF-08: CONTRACTOR'S CONCERN

CONTRACTOR SHALL HAVE TO ENSURE THAT ALL REQUIREMENTS FOR FIRE RATED ASSEMBLIES ARE MET WITH THE INSTALLATION OF **NEW DRYWALL**

NOTE WF-03: CONTRACTOR'S CONCERN

DOWNSTAIRS BATHROOMS SHALL HAVE WALL TILE WHILE UPSTAIRS BATHROOMS SHALL HAVE TUB SURROUNDS.



RENOVATION

KEYNOTES - DEMOLITION

DONE ALL DEMOLITION WORK SHALL ALREADY BE COMPLETED. UNITS SHALL BE TAKEN DOWN TO BARE STUDS AND ALL INSULATION REMOVED.

SD-01 CONTRACTOR SHALL REMOVE EXISTING CONCRETE WALK IN FRONT OF

DEMOLITION NOTES

- ROSS WITT HAS NOT BEEN INVOLVED WITH ANY TESTING ON HAZARDOUS MATERIALS OR ASBESTOS AND HAS NO KNOWLEDGE OF THESE MATERIALS. IF ANY CONTRACTOR SUSPECTS ANY HAZARDOUS MATERIALS OR ASBESTOS, THEY ARE REQUIRED TO INFORM THE OWNERS IN WRITING IN ORDER TO DETERMINE THE BEST COURSE OF ACTION.
- 2. MOLD REMEDIATION OF EXISTING STRUCTURE SHALL BE HANDLED BY CONTRACTOR. IF MOLD IS ENCOUNTERED CONTRACTOR SHALL STOP WORK IMMEDATELY AND CONTACT OWNER IN WRITING

KEYNOTES - RENOVATION

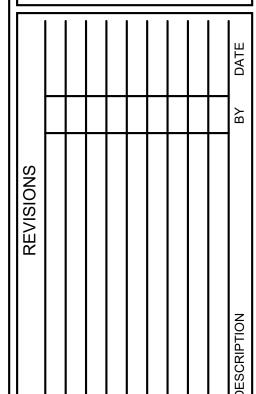
- (FF-01) CONTRACTOR SHALL INSTALL NEW BATHROOM FLOOR TILE
- (FF-02) CONTRACTOR SHALL INSTALL LVT FLOORING
- (FF-03) CONTRACTOR SHALL INSTALL NEW TREAD AND RISER COVER OVER STAIRS.
- CONTRACTOR SHALL INSTALL 2 NEW 3/4" THICK LAYERS OF TONGUE AND GROVE PLYWOOD SUB-FLOORING GLUED AND SCREWED ABOVE EXISTING LAYER.
- (WF-01) CONTRACTOR SHALL INSTALL NEW BASE MOULDING ON WALLS
- (WF-02) CONTRACTOR SHALL INSTALL NEW TILE BASE ON WALLS
- WF-03 CONTRACTOR SHALL INSTALL NEW WALL TILE ON WALLS WITH SCHLUTER EDGING AT TOP OF TILE AND OUTSIDE CORNERS
- WF-04 CONTRACTOR SHALL INSTALL NEW WALL MOUNTED LIGHT FIXTURE
- WF-05 CONTRACTOR SHALL INSTALL NEW 4" THICK UNFACED INSULATION (R-12) INTO ALL STUD WALLS, INTERIOR AND EXTERIOR.
- (WF-06) CONTRACTOR SHALL INSTALL WALL BLOCKING FOR BATHROOM ADA
- (WF-07) CONTRACTOR SHALL INSTALL STAIR HANDRAILS AND REPLACE EXISTING SKIRT BOARDS. QUARTER ROUND CAP PIECE INSTALLED ON
- (WF-08) CONTRACTOR SHALL INSTALL NEW DRYWALL ON WALL STUDS AND PREPARE THE SURFACE TO RECEIVE PAINT
- (WF-09) CONTRACTOR SHALL SUPPLY AND INSTALL NEW SMOKE AND CARBON MONOXIDE DETECTOR SYSTEM ONE PER FLOOR OF EACH UNIT (WHERE APPLICABLE) DO NOT INSTALL NEAR HVAC DIFFUSERS
- WF-10 CONTRACTOR SHALL INSTALL NEW MOLDING & PVC TRIM.
- (WF-II) CONTRACTOR SHALL REPLACE ALL OUTLET AND SWITCH COVERS.
- (WF-I2) CONTRACTOR SHALL INSTALL NEW HVAC WALL DIFFUSERS
- WF-13 CONTRACTOR SHALL PROVIDE FURRING TO ACCOMMODATE FOR TUB
- CF-01 CONTRACTOR SHALL INSTALL NEW DRYWALL ON CEILING JOIST AND PREPARE THE SURFACE TO RECEIVE PAINT.
- CF-02 CONTRACTOR SHALL INSTALL 10" BLOWN IN INSULATION (R-30) IN TO CEILING JOIST. BOTH UPSTAIRS AND DOWNSTAIRS
- (CF-03) CONTRACTOR SHALL INSTALL NEW CEILING MOUNTED LIGHT
- CF-04 CONTRACTOR SHALL INSTALL NEW CEILING HVAC SUPPLY DIFFUSERS.
- (DW-03) CONTRACTOR SHALL INSTALL A NEW DOUBLE PANE INSULATED TEMPERED WINDOW. WINDOWS TO MATCH EXISTING
- (DW-04) CONTRACTOR SHALL INSTALL A NEW SECURITY SCREEN
- (DW-05) CONTRACTOR SHALL INSTALL A NEW DOOR.
- (DW-06) CONTRACTOR SHALL INSTALL A NEW DOOR WITH ADA COMPLIANT

RENOVATION NOTES

ALL UNITS IN MONTGOMERY PLAZA SHALL HAVE A DRAFT STOP (SEPARATION) IN THE ATTIC SPACE. (SEE DETAIL 5 ON SHEET AC1.4)

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NG AUTHORITY
AND REPAIRS
USING UNITS
ENNESSEE **PUBLIC** MEMPHIS IMPROVE FOR PU

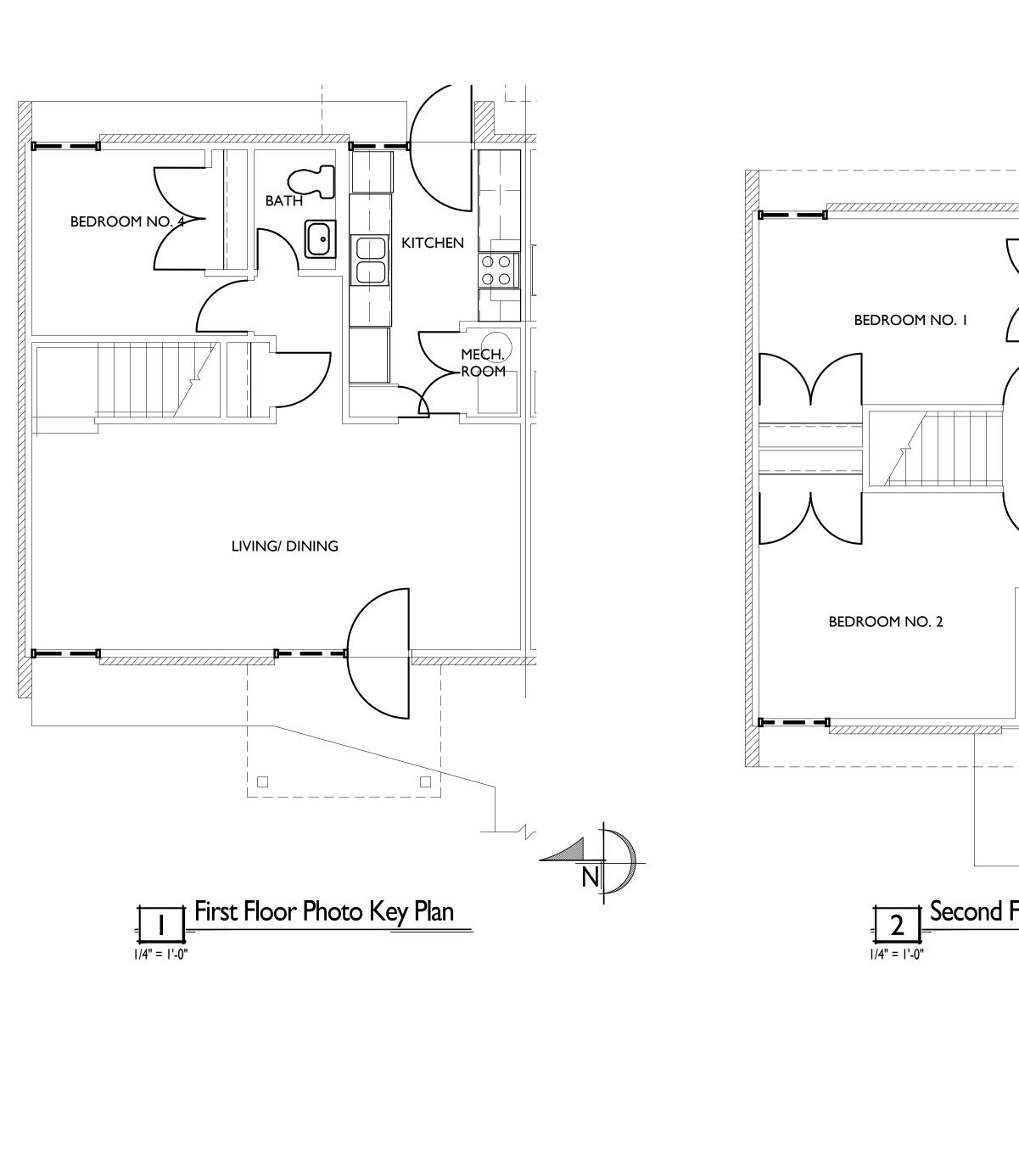
MONTGOMERY PLAZA 1406 FAIRVIEW ST UNIT 1

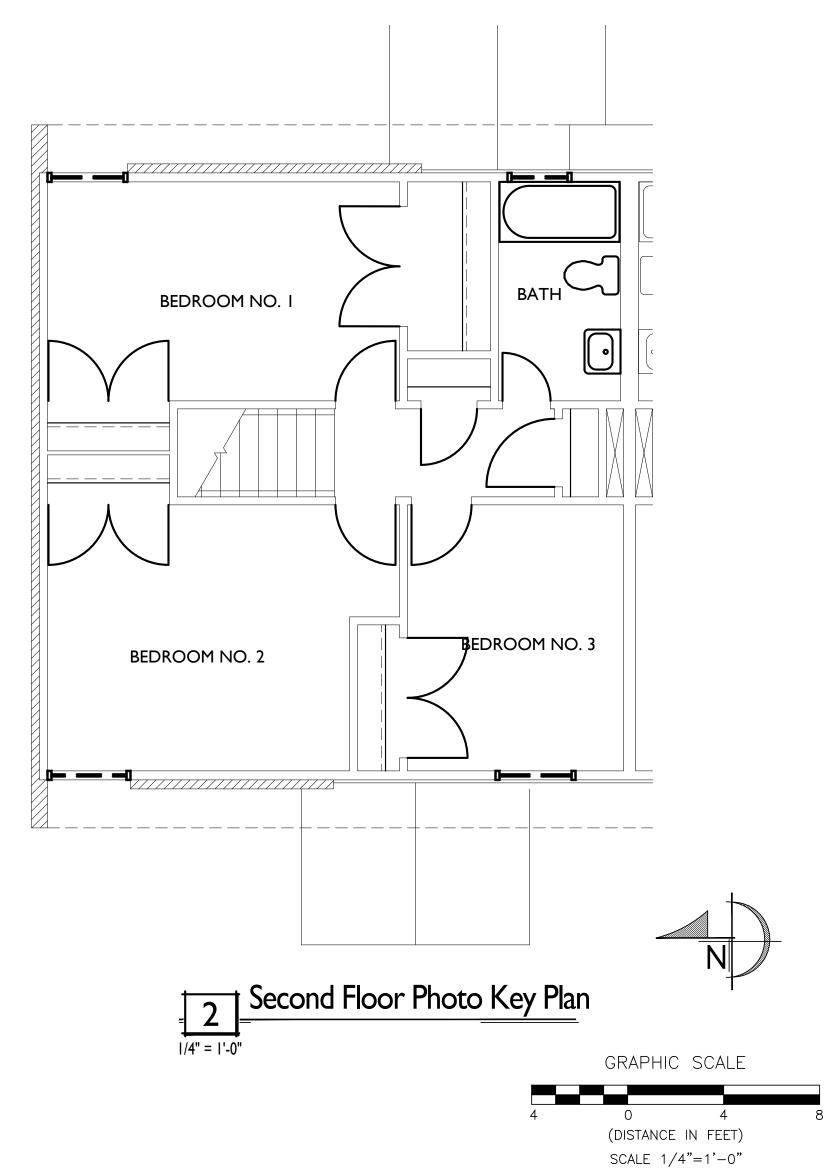
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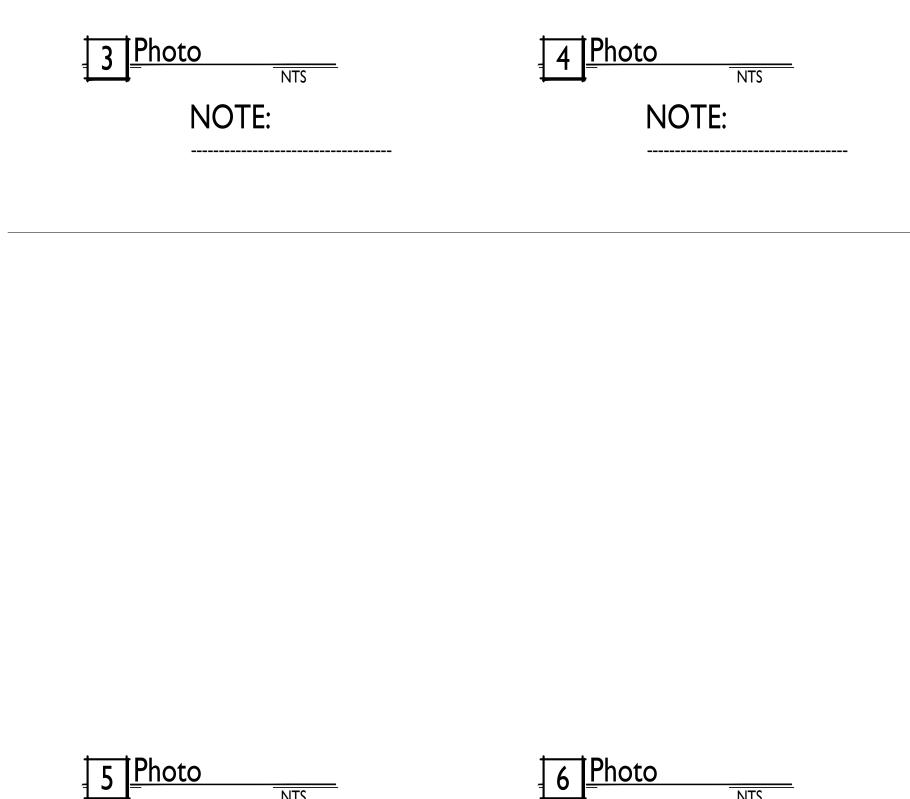
4 BEDROOM

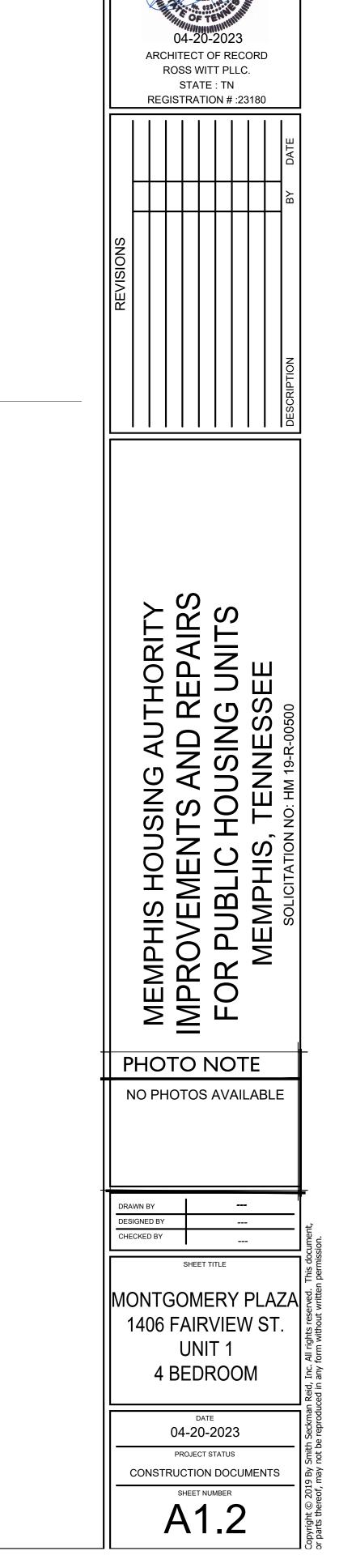
CONSTRUCTION DOCUMENTS

A1.1



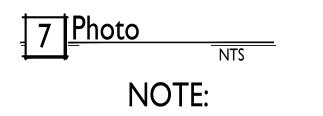


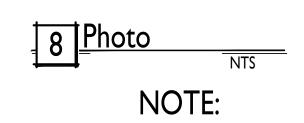




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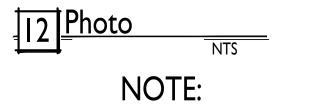




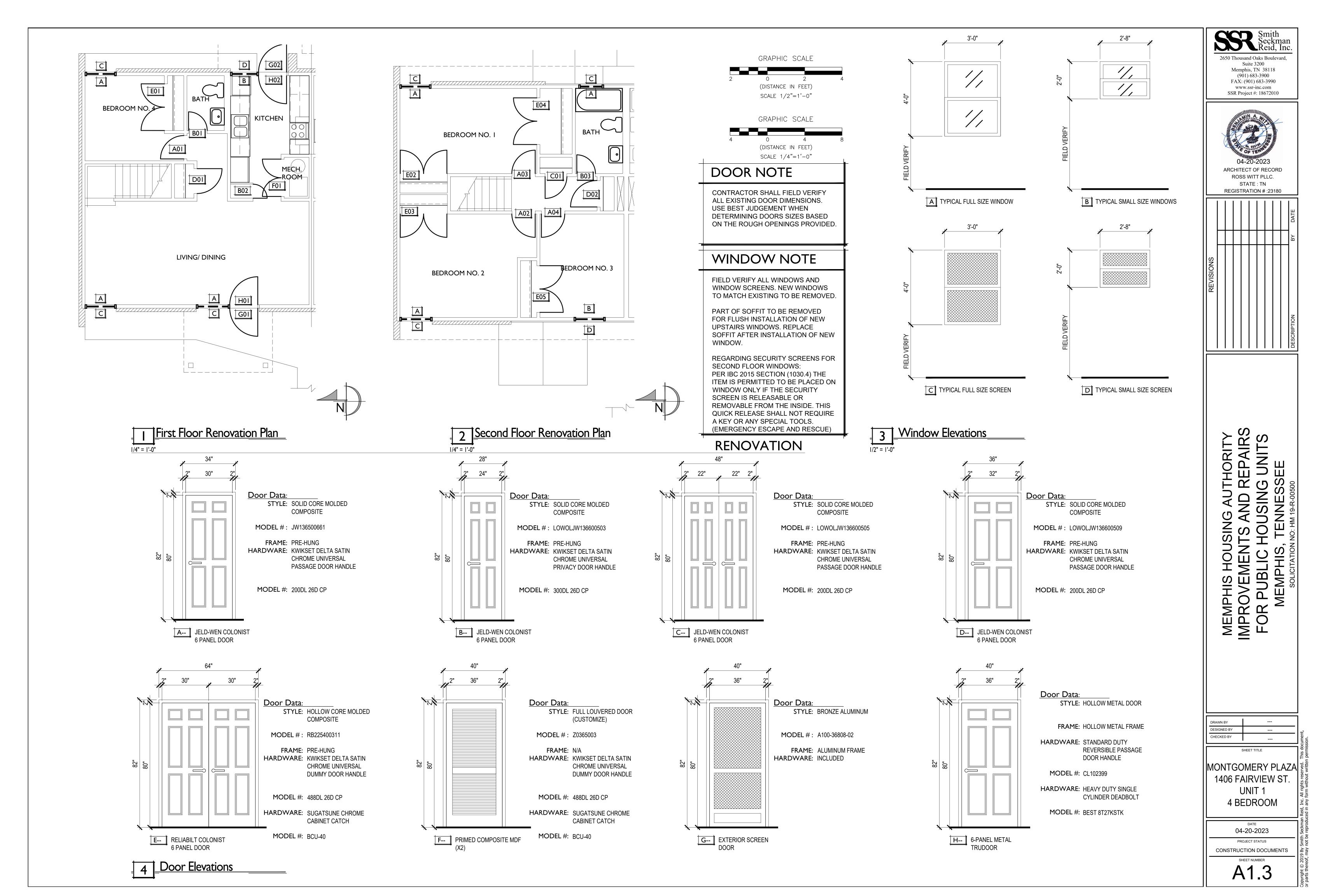


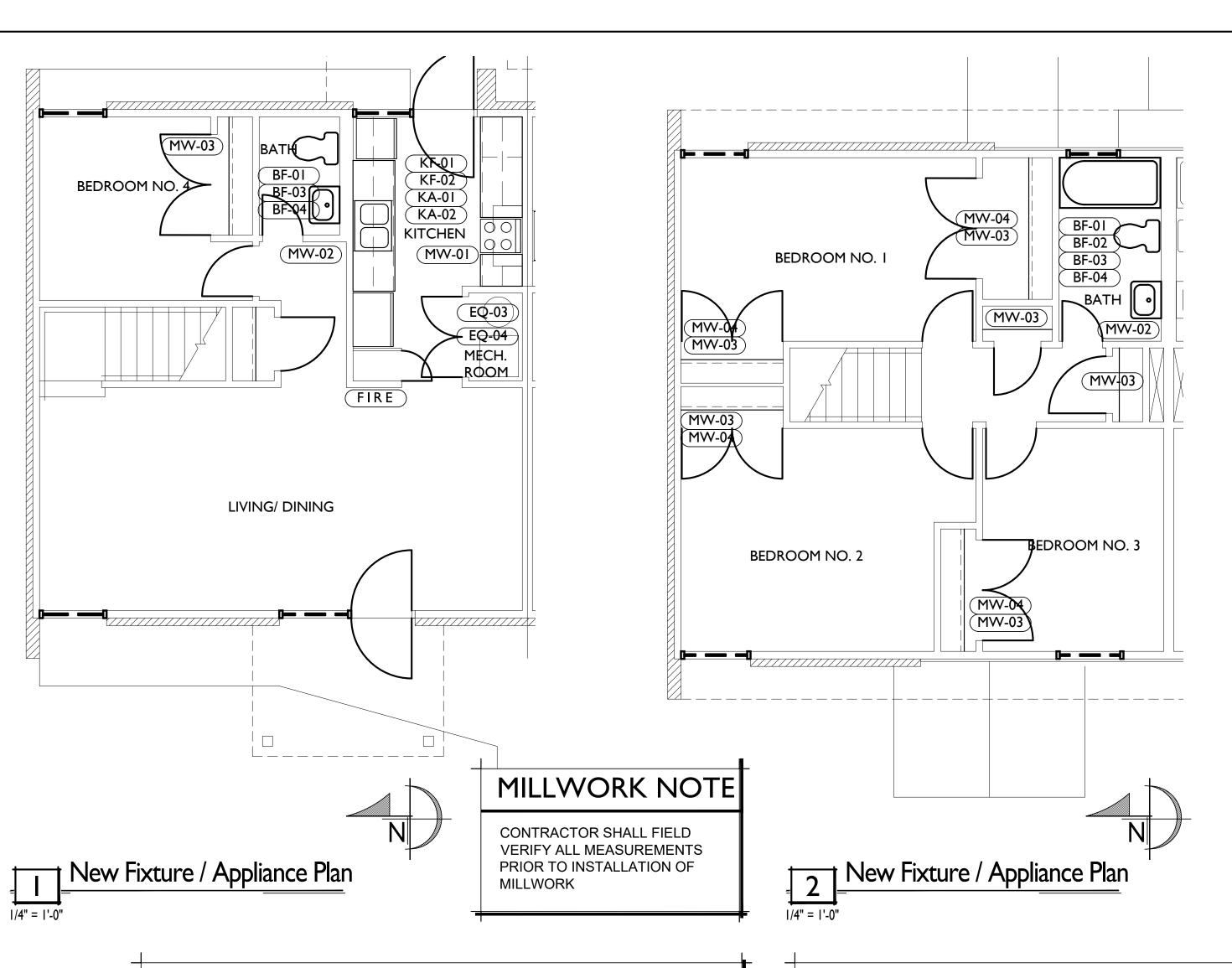


NOTE:



NOTE:







Kitchen Millwork Elevation

KEYNOTES - FIXTURES, APPLIANCES, MILLWORK, AND EQUIPMENT

BF-01 CONTRACTOR SHALL INSTALL NEW BATHROOM SINK WITH ADA COMPLIANT FAUCET, MEDICINE CABINET AND LIGHT FIXTURE.

BF-02 CONTRACTOR SHALL INSTALL REFINISHED TUB, FAUCET & SHOWER

BF-03 CONTRACTOR SHALL INSTALL NEW TOILET FIXTURE.

BF-04 CONTRACTOR SHALL INSTALL ALL NEW BATHROOM ACCESSORIES INCLUDING TOWEL RACK (42-48" AFF), TOILET PAPER ROLL (26"AFF), SOAP DISH (48" AFF) AND TOOTHBRUSH HOLDER (48" AFF.)

BF-05 CONTRACTOR SHALL INSTALL NEW ADA COMPLIANT GRAB BARS, SHOWER BENCH, AND SHOWER FIXTURES.

KF-01 CONTRACTOR SHALL INSTALL NEW VENT HOOD.

KF-02 CONTRACTOR SHALL INSTALL NEW KITCHEN SINK AND FAUCET

KA-01 NEW OR EXISTING REFRIGERATOR SHALL BE PROVIDED BY OWNER

KA-02 NEW OR EXISTING STOVE SHALL BE PROVIDED BY OWNER

(MW-01) CONTRACTOR SHALL INSTALL NEW KITCHEN MILLWORK

(MW-02) CONTRACTOR SHALL INSTALL NEW BATHROOM VANITY MILLWORK

MW-03 CONTRACTOR SHALL INSTALL NEW CLOSET SHELVING AND ROD.

(MW-04) CONTRACTOR SHALL FINISH EXISTING PLATFORM WITH PLYWOOD, TRIM, AND QUARTER ROUND AND PAINT

EQ-01 CONTRACTOR SHALL PRESERVE EXISTING WATER HEATER

EQ-02 CONTRACTOR SHALL PRESERVE EXISTING HEATING/ COOLING UNIT.

EQ-03 CONTRACTOR SHALL INSTALL NEW WATER HEATER.

EQ-04 CONTRACTOR SHALL INSTALL HEATING/ COOLING UNIT.

FIRE CONTRACTOR SHALL INSTALL NEW 10-LBS WALL MOUNTED ADC FIRE EXTINGUISHER

FINISHES SPECIFICATIONS

•	LVT FLOORING	MANU: ARTISTEK FLOOR	SIZE: 6" X 36"	COLOR: HERITAGE	MODEL #: 73308
•	FLOOR / WALL TILE	MANU: DALTILE	SIZE: 7" X 20"	COLOR: GLENWOOD FOG	MODEL #: GW09720HD1P2
•	TUB / SHOWER SURROUND	MANU: SWAN	SIZE: 30" X 60" X 60"	COLOR: (25) GRAY GRANITE	MODEL #: SS-60-3-042
•	PAINT TO MATCH	MANU: BENJAMIN MOORE	FINISH: MATTE	COLOR: COSTAL FOG	COLOR #: AC-1
•	BASE MOLDING	MANU: VERANDA	SIZE 3/8" X 3 1/4"	COLOR: WHITE	MODEL #: 0752708001
•	QUARTER ROUND BASE	MANU: VERANDA	SIZE 1/2" X 1/2"	COLOR: WHITE	MODEL #: 0202408025
•	TREAD AND RISER COVER	MANU: TARKETT	FINISH: DIAMOND	COLOR: FUDGE	MODEL #: CNN 167 SQ

BATHROOM ACCESSORIES SPECIFICATIONS

•	TOWEL BAR	MANU: FRANKLIN BRASS	SIZE: 18"	COLOR: CHROME	MODEL #: D2418PC
•	TOILET PAPER HOLDER	MANU: FRANKLIN BRASS	SIZE: N/A	COLOR: CHROME	MODEL #: D2408PC
•	TOOTHBRUSH HOLDER	MANU: FRANKLIN BRASS	SIZE: N/A	COLOR: CHROME	MODEL #: D2405PC
•	SOAP DISH	MANU: FRANKLIN BRASS	SIZE: N/A	COLOR: CHROME	MODEL #: D2406PC
•	MEDICINE CABINET	MANU: GLACIER BAY	SIZE 16" X 26"	COLOR: N/A	MODEL #:45406
•	DOUBLE SHOWER ROD	MANU: MOEN	SIZE: 60"	COLOR: CHROME	MODEL #: DN2141CH

EQUIPMENT SPECIFICATIONS

REFRIGERATOR PROVIDED BY OWNER
 OVEN/STOVE PROVIDED BY OWNER

FIXTURES SPECIFICATIONS (SEE MPE SHEETS FOR MORE INFORMATION)

•	RANGE HOOD	MANU: BROAN	SIZE:36" WIDE	COLOR: WHITE	MODEL #:403601
•	CEILING LIGHT FIXTURE WALL LIGHT FIXTURE	MANU: EXCLUSIVE	SIZE: 11"	COLOR: O-R BRONZE COLOR: SATIN NICKEL	MODEL #: HUI8011L-2/ORB
•		MANU: ZUBN	SIZE: 24.5" X 6" X 5.9"		MODEL #: 75571
•	ELONGATED TOILET LAVATORY FAUCETS	MANU: ZURN MANU: DELTA	SIZE: N/A SIZE: N/A	COLOR: WHITE COLOR: N/A	MODEL #: Z5571 MODEL #: B510LF-PPU-ECO
•	SHOWER HEAD KITCHEN FAUCETS	MANU: DELTA MANU: DELTA	SIZE: 2.75" SIZE: N/A	COLOR: CHROME COLOR: N/A	MODEL #: 52653-PK MODEL #: B4410LF
•	SINGLE BOWL SINK DOUBLE BOWL SINK	MANU: JUST MANUFACTURING MANU: JUST MANUFACTURING	SIZE: 19" X 21" SIZE: 33" X 21"	COLOR: STAINLESS STEEL COLOR: STAINLESS STEEL	MODEL #: SLN-2119-A-GR MODEL #: DLN-2133-A-GR
•	WASHING MACHINE BOX	MANU: OATEY	SIZE: N/A	COLOR: N/A	MODEL #:

MILLWORK NOTE

6 Kitchen Millwork Elevation

FIELD VERIFY ALL MILLWORK. MILLWORK WILL NEED TO BE REWORKED TO ACCOMMODATE NEW GAS LOCATION. (SEE MECHANICAL SHEETS) IF ANY DISCREPANCIES ARE FOUND NOTIFY DESIGNER.

NOTE

FOR SPECIFICATIONS OF PLUMBING FIXTURES, ELECTRICAL DEVICES, AND HVAC DIFFUSERS SEE MPE SHEETS.

CLOSET NOTES

ALL CLOSETS SHALL HAVE CLOSET MAID WIRE SHELVING WITHIN CUT TO SIZE. CONTRACTOR SHALL USE APPROPRIATE MOUNTING ACCESSORIES.

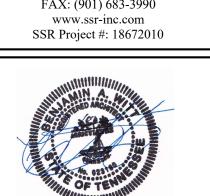
- CLOSET MAID 96" X 12" WIRE SHELF MODEL #: 4718
- CLOSET MAID 12" X 1" SHELVING BRACKET MODEL#: 76606
- CLOSET MAID BACK WALL CLIPS FOR SHELVING MODEL # 76610

BATHROOM VANITY NOTES

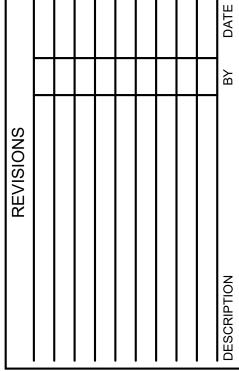
ALL BATHROOM SINKS SHALL BE REPLACE WITH.....

 GLACIER BAY VANITY WITH SINK SIZE: 24" CHESTNUT WITH CULTURED MARBLE TOP MODEL #: VP24P5-CN Smith Seckm Reid, I

2650 Thousand Oaks Boulevan Suite 3200
Memphis, TN 38118
(901) 683-3900
FAX: (901) 683-3990







MEMPHIS HOUSING AUTHORITY
IMPROVEMENTS AND REPAIRS
FOR PUBLIC HOUSING UNITS
MEMPHIS, TENNESSEE
SOLICITATION NO: HM 19-R-00500

DRAWN BY --DESIGNED BY --CHECKED BY

MONTGOMERY PLAZA 1406 FAIRVIEW ST. UNIT 1

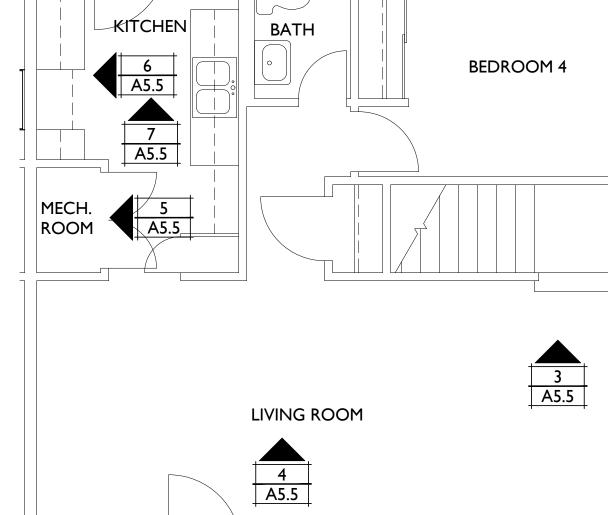
4 BEDROOM

DATE
04-20-2023
PROJECT STATUS

PROJECT STATUS

CONSTRUCTION DOCUMENTS

A1.4



First Floor Photo Key Plan

NOTE: CONTRACTOR SHALL FIELD MEASURE AND VERIFY ALL MILLWORK DIMENSIONS PRIOR TOP AND EDGES TO INSTALLING MILLWORK



NOTE: CONTRACTOR SHALL INSTALL FULL HEIGHT WALL TILE AT TUB/SHOWER SCHLUTER EDGING CAPING TILE AT



Second Floor Photo Key Plan

BATH

A5.5

BEDROOM NO. 3

12 A5.5

9 Photo NOTE: CONTRACTOR SHALL INSTALL WALL TILE TO 4'-0" AT VANITY

CAPPED WITH SCHLUTER

EDGING CAPING TILE



PHOTO NOTE

PHOTOS OF MHA

ACCURATE

COMPLETION.

10 A5.5

A5.5

BEDROOM NO. 2

BEDROOM NO. I

GRAPHIC SCALE

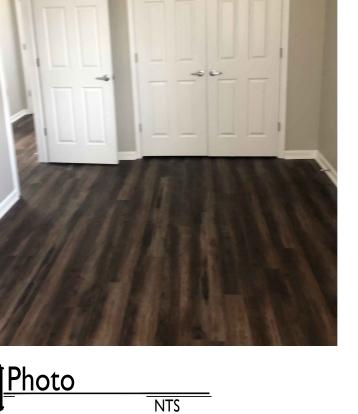
(DISTANCE IN FEET) SCALE 1/4"=1'-0"

THIS SHEET CONTAINS

BASELINE STANDARDS OF UNIT INTERIORS. IMAGES SERVE AS AN

REPRESENTATION OF HOW FINISHED UNITS SHOULD LOOK UPON

NTS



NOTE: CONTRACTOR SHALL INSTALL WALL TILE TO 4'-0" AT VANITY CAPPED WITH SCHLUTER

EDGING CAPING TILE

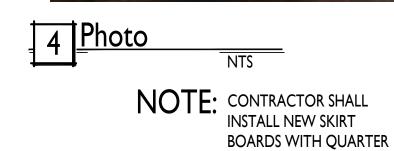


Photo

NOTE: CONTRACTOR SHALL FINISH CLOSET PLATFORM WITH PAINTED PLYWOOD, TRIM AND QUARTER ROUND CAP



NOTE: CONTRACTOR SHALL INSTALL NEW SKIRT BOARDS WITH QUARTER ROUND CAP PIECE AT **STAIRS**



ROUND CAP PIECE BASE

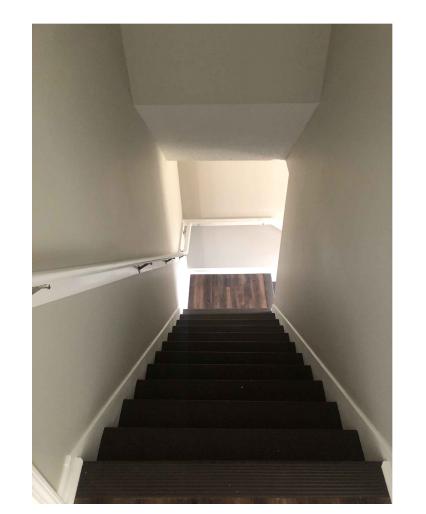


NOTE: CONTRACTOR SHALL INSTALL REPLACED RETURN AIR PLATFORM IN HVAC CLOSET AS

REQUIRED



NOTE: CONTRACTOR SHALL FIELD MEASURE AND VERIFY ALL MILLWORK DIMENSIONS PRIOR TO INSTALLING MILLWORK



12 Photo NTS NOTE: CONTRACTOR SHALL INSTALL NEW SKIRT BOARDS AT STAIRS MEMPHIS HOUSING AUTHORITY
IMPROVEMENTS AND REPAIRS
FOR PUBLIC HOUSING UNITS
MEMPHIS, TENNESSEE
SOLICITATION NO: HM 19-R-00500

2650 Thousand Oaks Boulevard, Suite 3200

Memphis, TN 38118 (901) 683-3900 FAX: (901) 683-3990

www.ssr-inc.com

SSR Project #: 18672010

ARCHITECT OF RECORD ROSS WITT PLLC. STATE: TN REGISTRATION #:23180

DESIGNED BY CHECKED BY

MONTGOMERY PLAZA FINISHED UNIT **EXAMPLE**

> DATE 04-20-2023 PROJECT STATUS CONSTRUCTION DOCUMENTS

A1.5

<u>Section 020000</u> - Existing Conditions

- A. Drawings showing existing construction and utilities are based on casual field observation and existing record documents only.
- 1. Verify that construction and utility arrangements are as shown.
- 2. Report discrepancies to the Architect before disturbing existing installation.
- 3. Beginning of alterations work constitutes acceptance of existing conditions.
- B. Remove existing work as indicated and as required to accomplish new work.
- 1. Remove items indicated on drawings.
- 2. Relocate items indicated on drawings.
- 3. Where new surface finishes are to be applied to existing work, perform removals, patch, and prepare existing surfaces as required to receive new finish; remove existing finish if necessary for successful application of new finish.
- 4. Where new surface finishes are not specified or indicated, patch holes and damaged surfaces to match adjacent finished surfaces as closely as possible.
- C. Services (Including but not limited to HVAC, Plumbing, Electrical, and Telecommunications): Remove, relocate, and extend existing systems to accommodate new construction.
- 1. Maintain existing active systems that are to remain in operation; maintain access to equipment and operational components; if necessary, modify installation to allow access or provide access panel.
- 2. Where existing systems or equipment are not active and Contract Documents require reactivation, put back into operational condition; repair, supply, distribution, and equipment as required.
- 3. Where existing active systems serve occupied facilities but are to be replaced with new services, maintain existing systems in service until new systems are complete and ready for service.
- a. Disable existing systems only to make switch overs and connections; minimize duration of outages.
- b. Provide temporary connections as required to maintain existing systems in service.
- 4. Verify that abandoned services serve only abandoned facilities.
- 5. Remove abandoned pipe, ducts, conduits, and equipment, including those above accessible ceilings; remove back to source of supply where possible,

otherwise cap stub and tag with identification; patch holes.

- D. Protect existing work to remain.
- 1. Prevent movement of structure; provide shoring and bracing if necessary.

- 2. Perform cutting to accomplish removals neatly and as specified for cutting new work.
- 3. Repair adjacent construction and finishes damaged during removal work.
- 4. Patch as specified for patching new work.
- E. Adapt existing work to fit new work:
- 1. When existing finished surfaces are cut so that a smooth transition with new work is not possible, terminate existing surface along a straight line at a natural line of division and make recommendation to the Architect.
- F. Refinish existing surfaces as indicated:
- 1. Where rooms or spaces are indicated to be refinished, refinish all visible existing surfaces to remain to the specified condition for each material, with a neat transition to adjacent finishes.
- 2. If mechanical or electrical work is exposed accidentally during the work, re-cover and refinish to match.
- 3. Patch as specified for patching new work.
- G. Clean existing systems and equipment.
- H. Remove demolition debris and abandoned items from alterations areas and dispose of off-site; do not burn or bury.
- I. Do not begin new construction in alterations areas before demolition is complete.
- J. Comply with all other applicable requirements of this section.

Section 024100 - Demolition/Cutting and Patching

- A. Execute cutting and patching to complete the work, to uncover work in order to install improperly sequenced work, to remove and replace defective or non-conforming work, to remove samples of installed work for testing when requested, to provide openings in the work for penetration of mechanical and electrical work, to execute patching to complement adjacent work, and to fit products together to integrate with other work.
- B. Execute work by methods to avoid damage to other work, and which will provide appropriate surfaces to receive patching and finishing. In existing work, minimize damage and restore to original condition.
- C. Employ original installer to perform cutting for weather exposed and moisture resistant elements, and sight exposed surfaces.
- D. Cut rigid materials using masonry saw or core drill. Pneumatic tools not allowed without prior approval. E. Restore work with new products in accordance with requirements of Contract Documents

- F. Fit work air tight to pipes, sleeves, ducts, conduit, and other penetrations through surfaces.
- G. Put penetrations of fire rated walls, partitions, ceiling, or floor construction, completely seal voids with fire rated material, to full thickness of the penetrated element.
- H. Refinish surfaces to match adjacent finish. For continuous surfaces, refinish to nearest intersection or natural break. For an assembly, refinish entire unit.
- I. Make neat transitions. Patch work to match adjacent work in texture and appearance. Where new work abuts or aligns with existing, perform a smooth and even transition.
- J. Patch or replace surfaces that are damaged, lifted, discolored, or showing other imperfections due to patching work. Repair substrate prior to patching finish. Finish patches to produce uniform finish and texture over entire area. When finish cannot be matched, refinish entire surface to nearest intersections.
- C. Broom and vacuum clean interior areas prior to start of surface finishing, and continue cleaning to eliminate dust.
- D. Collect and remove waste materials, debris, and trash/rubbish from site periodically and dispose off-site; do not burn or bury.

SECTION 06 10 00 ROUGH CARPENTRY

PART 1 — GENERAL 1.01 SUBMITTALS

A. Product Data: Provide technical data on wood preservative materials, and application instructions.

PART 2 - PRODUCTS

2.01 GENERAL REQUIREMENTS

- A. Dimension Lumber: Grading Agency: Any grading agency whose rules are approved by the Board of Review, American Lumber Standard Committee (www.alsc.org) and who provides grading service for the species and grade specified; provide lumber stamped with grade mark unless otherwise indicated.
- B. Lumber fabricated from old growth timber is not permitted.

Smith Seckman Reid, Inc.

2650 Thousand Oaks Boulevard, Suite 3200

Memphis, TN 38118

(901) 683-3900

FAX: (901) 683-3990

www.ssr-inc.com

SSR Project #: 18672010



REVISIONS										
	REVISIONS									

MEMPHIS HOUSING AUTHORITY
IMPROVEMENTS AND REPAIRS
FOR PUBLIC HOUSING UNITS
MEMPHIS, TENNESSEE

RAWN BY --ESIGNED BY --HECKED BY --SHEET TITLE

SPEC SHEET

DATE
04-20-2023
PROJECT STATUS
CONSTRUCTION DOCUMENTS

- 2.02 DIMENSION LUMBER FOR CONCEALED APPLICATIONS
- A. Sizes: Nominal sizes as indicated on drawings, S4S.
- B. Moisture Content: S-dry or MC19.
- C. Stud Framing (2 by 2 through 2 by 6 (50 by 50 mm through 50 by 150 mm)):
- 1. Species: Any allowed under referenced grading rules.
- 2. Grade: No. 2.
- D. Joist, Rafter, and Small Beam Framing (2 by 6 through 4 by 16 (50 by 150 mm through 100 by 400 mm)):
- E. Miscellaneous Framing, Blocking, Nailers, Grounds, and Furring:
- 1. Lumber: S4S, No. 2 or Standard Grade.
- 2. Boards: Standard or No. 3.
- 2.03 STRUCTURAL COMPOSITE LUMBER
- A. At Contractor's option, structural composite lumber may be substituted for concealed dimension lumber and timbers.
- B. Structural Composite Lumber: Factory fabricated beams, headers, and columns, of sizes and types indicated on drawings; structural capacity as published by manufacturer.
- 2.04 ACCESSORIES
- A. Fasteners and Anchors:
- 1. Metal and Finish: Hot-dipped galvanized steel per ASTM A 153/A 153M for high humidity and preservative—treated wood locations, unfinished steel elsewhere.

2.05 FACTORY WOOD TREATMENT

- A. Treated Lumber and Plywood: Comply with requirements of AWPA U1 Use Category System for wood treatments determined by use categories, expected service conditions, and specific applications.
- 1. Preservative—Treated Wood: Provide lumber and plywood marked or stamped by an ALSC—accredited testing agency, certifying level and type of treatment in accordance with AWPA standards.

PART 3 - EXECUTION

- 3.01 INSTALLATION GENERAL
- A. Select material sizes to minimize waste.
- B. Where treated wood is used on interior, provide temporary ventilation during and immediately after installation sufficient to remove indoor air contaminants. END OF SECTION

SECTION 08 11 13 HOLLOW METAL DOORS AND FRAMES

PART 1 GENERAL 1.01 SUBMITTALS

- A. Product Data: Materials and details of design and construction, hardware locations, reinforcement type and locations, anchorage and fastening methods, and finishes; and one copy of referenced grade standard.
- B. Shop Drawings: Details of each opening, showing elevations, glazing, frame profiles, and identifying location of different finishes, if any.
- 1.02 DELIVERY, STORAGE, AND HANDLING
- A. Store in accordance with NAAMM HMMA 840. PART 2 PRODUCTS
- 2.01 DOORS AND FRAMES
- A. Requirements for All Doors and Frames:
- 1. Accessibility: Comply with ANSI/ICC A117.1.
- 2. Door Top Closures: Flush with top of faces and edges.
- 3. Door Edge Profile: Beveled on both edges.
- 4. Door Texture: Smooth faces.
- 5. Glazed Lights: Non-removable stops on non-secure side; sizes and configurations as indicated on drawings.
 6. Hardware Preparation: In accordance with BHMA A156.115, with reinforcement welded in place, in addition to other requirements specified in door grade standard.
- 7. Galvanizing for Units in Wet Areas: All components hot-dipped zinc-iron alloy-coated (galvannealed), manufacturer's standard coating thickness.
- 8. Finish: Factory primed, for field finishing.
- B. Combined Requirements: If a particular door and frame unit is indicated to comply with more than one type of requirement, comply with all the specified requirements for each type; for instance, an exterior door that is also indicated as being sound—rated must comply with the requirements specified for exterior doors and for sound—rated doors; where two requirements conflict, comply with the most stringent.
- 2.02 STEEL DOORS
- A. Exterior Doors
- 1. Grade: ANSI A250.8 Level 3, physical performance Level A, Model 2, seamless.
- 2. Galvanizing: All components hot-dipped zinc-iron alloy-coated (galvannealed) in accordance with ASTM A653/A653M, with manufacturer's standard coating thickness.
- 2.03 STEEL FRAMES
- A. General:
- 1. Comply with the requirements of grade specified for corresponding door.
- 2. Finish: Same as for door.
- B. Exterior Door Frames: Face welded, seamless with joints filled.

- 1. Galvanizing: All components hot-dipped zinc-iron alloy-coated (galvannealed) in accordance with ASTM A653/A653M, with manufacturer's standard coating thickness.
- Weather stripping: Separate, see Section 08 7100.
 ACCESSORY MATERIALS
- A. Silencers: Resilient rubber, fitted into drilled hole; 3 on strike side of single door, 3 on center mullion of pairs, and 2 on head of pairs without center mullions. 2.05 FINISH MATERIALS
- A. Primer: Rust-inhibiting, complying with ANSI A250.10, door manufacturer's standard.
- SBC No 126/021-02-2012 Chickasaw ADA 08 11 13 2 HOLLOW METAL DOORS AND FRAMES
- PART 3 EXECUTION
- 3.01 INSTALLATION
- A. Install in accordance with the requirements of the specified door grade standard and NAAMM HMMA 840.
- B. Coordinate frame anchor placement with wall construction.
- END OF SECTION

SECTION 08 14 16 FLUSH WOOD DOORS

PART 1 GENERAL 1.01 SUBMITTALS

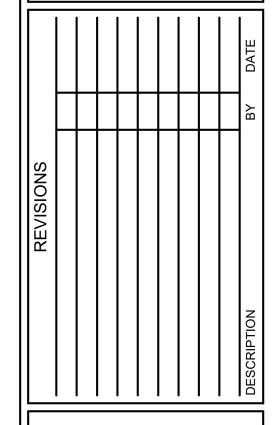
- A. Product Data: Indicate door core materials and construction; veneer species, type and characteristics.

 1.02 WARRANTY
- A. Interior Doors: Provide manufacturer's warranty for the life of the installation.
- B. Include coverage for de-lamination of veneer, warping beyond specified installation tolerances, defective materials, and telegraphing core construction.

 PART 2 PRODUCTS
- 2.01 DOORS AND PANELS
- A. All Doors: See drawings for locations and additional requirements.
- 1. Quality Level: Premium Grade, in accordance with AWI/AWMAC/WI Architectural Woodwork Standards.
- B. Interior Doors: 1-3/4 inches (44 mm) thick unless otherwise indicated; flush construction.
- Provide solid core doors at all locations.
 2.02 DOOR AND PANEL CORES
- A. Non-Rated Solid Core and 20 Minute Rated Doors: Type particleboard core (PC), plies and faces as indicated above.







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2.04 DOOR CONSTRUCTION

- A. Fabricate doors in accordance with door quality standard specified.
- B. Factory machine doors for hardware other than surface—mounted hardware, in accordance with hardware requirements and dimensions.
- C. Factory fit doors for frame opening dimensions identified on shop drawings, with edge clearances in accordance with specified quality standard.

PART 3 EXECUTION

3.01 INSTALLATION

- A. Install doors in accordance with manufacturer's instructions and specified quality standard.
- B. Coordinate installation of doors with installation of frames and hardware.
 END OF SECTION

SECTION 08 71 00 DOOR HARDWARE

PART 1 GENERAL

1.01 ADMINISTRATIVE REQUIREMENTS

1.02 SUBMITTALS

A. Hardware Schedule: Detailed listing of each item of hardware to be installed on each door. Use door numbering scheme as included in the Contract Documents. Identify electrically operated items and include power requirements.

1.03 QUALITY ASSURANCE

PART 2 PRODUCTS

2.01 DOOR HARDWARE - GENERAL

- A. Provide all hardware specified or required to make doors fully functional, compliant with applicable codes, and secure to the extent indicated.
- B. Provide products that comply with the following:
- 1. Applicable provisions of federal, state, and local codes.
- C. Finishes: All door hardware the same finish unless otherwise indicated.
- 1. Primary Finish: Match existing
- 2. Secondary Finish: Match existing.
- a. Use secondary finish in kitchens, bathrooms, and other spaces containing chrome or stainless steel finished appliances, fittings, and equipment; provide primary finish on one side of door and secondary finish on other side if necessary.
- 3. Finish Definitions: BHMA A156.18.
- 4. Exceptions:
- a. Where base metal is specified to be different, provide finish that is an appearance equivalent according to BHMA A156.18.

b. Hinges for Fire-Rated Doors: Steel base metal with painted finish.

2.02 HINGES

- A. Hinges: Provide hinges on every swinging door.
- 1. Provide five-knuckle full mortise butt hinges unless otherwise indicated.
- 2. Provide ball-bearing hinges at all doors having closers.
- 3. Provide hinges in the quantities indicated.
- 4. Provide non-removable pins on exterior outswinging doors.
- 5. Where electrified hardware is mounted in door leaf, provide power transfer hinges.
- B. Butt Hinges: Comply with BHMA A156.1 and A156.7; standard weight, unless otherwise indicated.
- C. Quantity of Hinges Per Door:
- 1. Doors From 60 inches (1.5 m) High up to 90 inches (2.3 m) High: Three hinges.
- 2. Doors 90 inches (2.3 m) High up to 120 inches (3 m) High: Four hinges.

2.03 PUSH/PULLS

- A. Push/Pulls: Comply with BHMA A156.6.
- 1. Provide push and pull on doors not specified to have lockset, latchset, exit device, or auxiliary lock.
- 2. On solid doors, provide matching push plate and pull plate on opposite faces.

2.04 LOCKS AND LATCHES

- A. Locks: Provide a lock for every door, unless specifically indicated as not requiring locking.
- 1. Hardware Sets indicate locking functions required for each door.
- 2. If no hardware set is indicated for a swinging door provide an office lockset.
- 3. Trim: Provide lever handle or pull trim on outside of all locks unless specifically stated to have no outside trim.
- 4. Lock Cylinders: Provide key access on outside of all locks unless specifically stated to have no locking or no outside trim.
- B. Lock Cylinders: Manufacturer's standard tumbler type, six-pin standard core.
- C. Keying: Grand master keyed.
- D. Latches: Provide a latch for every door that is not required to lock, unless specifically indicated "push/pull" or "not required to latch".

2.05 CYLINDRICAL LOCKSETS

- A. Locking Functions: As defined in BHMA A156.2, and as follows:
- 1. Two-Key Entry: F88, outside locked by key from both sides, free egress
 2.06 CLOSERS

- A. Closers: Complying with BHMA A156.4.
- 1. Provide a door closer on every exterior door.
- 2. Provide a door closer on every fire— and smoke—rated door. Spring hinges are not an acceptable self—closing device unless specifically so indicated.
- 3. At outswinging exterior doors, mount closer in inside of door.

2.07 STOPS AND HOLDERS

- A. Stops: Complying with BHMA A156.8; provide a stop for every swinging door, unless otherwise indicated.
- 1. Provide wall stops, unless otherwise indicated.
- 2. If wall stops are not practical, due to configuration
- of room or furnishings, provide overhead stop.
- 3. Stop is not required if positive stop feature is specified for door closer; positive stop feature of door closer is not an acceptable substitute for a stop unless specifically so stated.

2.08 GASKETING AND THRESHOLDS

- A. Gaskets: Complying with BHMA A156.22.
- 1. On each exterior door, provide weatherstripping gaskets, unless otherwise indicated; top, sides, and meeting stiles of pairs.
- 3. On each exterior door, provide door bottom sweep, unless otherwise indicated.
- B. Thresholds:
- 1. At each exterior door, provide an ADA-compliant threshold unless otherwise indicated.
- 2.09 PROTECTION PLATES AND ARCHITECTURAL TRIM

A. Protection Plates:

- 1. Kickplate: Provide on push side of every door with closer, except storefront and all-glass doors.
- B. Drip Guard: Provide projecting drip guard over all exterior doors unless they are under a projecting roof or canopy.

PART 3 EXECUTION

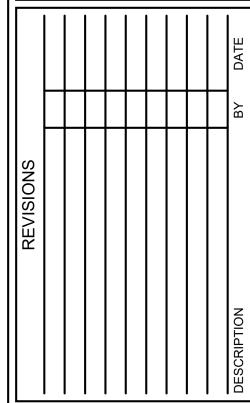
3.01 INSTALLATION

- A. Install hardware in accordance with manufacturer's instructions and applicable codes.
- B. Use templates provided by hardware item manufacturer.
- C. Install hardware on fire-rated doors and frames in accordance with code and NFPA 80.
- 3.02 ADJUSTING
- A. Adjust hardware for smooth operation.

END OF SECTION







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<u>SECTION 09 05 61</u> COMMON WORK RESULTS FOR FLOORING PREPARATION

PART 1 GENERAL 1.01 SUBMITTALS

A. Floor Covering and Adhesive Manufacturers' Product Literature: For each specific combination of substrate, floor covering, and adhesive to be used; showing: B. Adhesive Bond and Compatibility Test Report. 1.02 QUALITY ASSURANCE

A. Contractor may perform adhesive and bond test with his own personnel or hire a testing agency. PART 2 PRODUCTS

2.01 MATERIALS

- A. Patching Compound: Floor covering manufacturer's recommended product, suitable for conditions, and compatible with adhesive and floor covering. In the absence of any recommendation from flooring manufacturer, provide a product with the following characteristics:
- 1. Cementitious moisture—, mildew—, and alkali—resistant compound, compatible with floor, floor covering, and floor covering adhesive, and capable of being feathered to nothing at edges.

2. Latex or polyvinyl acetate additions are permitted; gypsum content is prohibited.

- 3. Compressive Strength: 3000 psi, minimum, after 28 days, when tested in accordance with ASTM C109/C109M or ASTM C472, whichever is appropriate.
- B. Alternate Flooring Adhesive: Floor covering manufacturer's recommended product, suitable for the moisture and pH conditions present; low-VOC. In the absence of any recommendation from flooring manufacturer, provide a product recommended by adhesive manufacturer as suitable for substrate and floor covering and for conditions present.
- C. Remedial Floor Coating: Coating intended by its manufacturer to resist water vapor transmission to degree sufficient to meet flooring manufacturer's emission limits, resistant to the level of pH found, and suitable for adhesion of flooring without further treatment or with only the addition of a skim coat of patching compound or adhesive.

PART 3 EXECUTION

- 3.01 CONCRETE SLAB PREPARATION
- A. Perform following operations in the order indicated:

1. Preliminary cleaning.

- 2. Internal relative humidity tests; in same locations as moisture vapor emission tests, unless otherwise indicated.
- 3. Specified remediation, if required.
- 4. Patching, smoothing, and leveling, as required.
- 5. Other preparation specified.

- 6. Adhesive bond and compatibility test.
- 7. Protection.
- B. Remediations:
- 1. Active Water Leaks or Continuing Moisture Migration to Surface of Slab: Correct this condition before doing any other remediation; re-test after correction.
- 2. Excessive Moisture Emission or Relative Humidity: If an adhesive that is resistant to the level of moisture present is available and acceptable to flooring manufacturer, use that adhesive for installation of the flooring; if not, apply remedial floor coating over entire suspect floor area.
- 3. Excessive pH: If remedial floor coating is necessary to address excessive moisture, no additional remediation is required; if not, if an adhesive that is resistant to the level present is available and acceptable to the flooring manufacturer, use that adhesive for installation of the flooring; otherwise, apply a skim coat of specified patching compound over entire suspect floor area. 3.02 INTERNAL RELATIVE HUMIDITY TESTING
- A. Test in accordance with ASTM F2170 Procedure A and as follows:
- B. In the event that test values exceed floor covering manufacturer's limits, perform remediation as indicated. In the absence of manufacturer limits, perform remediation if any test value exceeds 75 percent relative humidity.

3.03 ADHESIVE BOND AND COMPATIBILITY TESTING A. Comply with requirements and recommendations of floor covering manufacturer. END OF SECTION

<u>SECTION 09 21 16</u> GYPSUM BOARD ASSEMBLIES

PART 1 GENERAL 1.01 SUBMITTALS

- A. Product Data: Provide data on metal framing, gypsum board, accessories, and joint finishing system.
- B. Product Data: Provide manufacturer's data on partition head to structure connectors, showing compliance with requirements.

PART 2 PRODUCTS

- 2.01 GYPSUM BOARD ASSEMBLIES
- A. Provide completed assemblies complying with ASTM C840 and GA-216.
- B. Interior Partitions Indicated as Acoustic: Provide completed assemblies with the following characteristics: 1. Acoustic Attenuation: STC of 45-49 calculated in accordance with ASTM E413, based on tests conducted in accordance with ASTM E90.

- C. Fire Rated Assemblies: Provide completed assemblies with the following characteristics:
- 1. Fire Rated Partitions: ; 1 hour rating.
- 2. UL Assembly Numbers: Provide construction equivalent to that listed for the particular assembly in the current UL Fire Resistance Directory.

2.02 METAL FRAMING MATERIALS

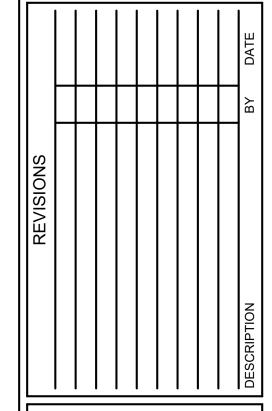
- A. Non-Load bearing Framing System Components: ASTM C645; galvanized sheet steel, of size and properties necessary to comply with ASTM C754 for the spacing indicated, with maximum deflection of wall framing of L/240 at 5 psf.
- 1. Studs: "C" shaped with flat or formed webs with knurled faces.
- 2. Runners: U shaped, sized to match studs.
- 3. Ceiling Channels: C shaped.
- 4. Furring: Hat-shaped sections, minimum depth of 7/8
- B. Partition Head to Structure Connections: Provide mechanical anchorage devices that accommodate deflection using slotted holes, screws and anti-friction bushings, preventing rotation of studs while maintaining structural performance of partition.

2.03 BOARD MATERIALS

- A. Gypsum Wallboard: Paper-faced gypsum panels as defined in ASTM C1396/C1396M; sizes to minimize joints in place; ends square cut.
- 1. Application: Use for vertical surfaces and ceilings, unless otherwise indicated.
- 2. Mold Resistance: Score of 10, when tested in accordance with ASTM D3273.
- a. Mold-resistant board is required at all locations.
- 3. Thickness:
- a. Vertical Surfaces: 5/8 inch.
- b. Multi-Layer Assemblies: Thickness as indicated on drawings.







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- B. Impact—Rated Wallboard: Tested to Level 3 soft—body and hard—body impact in accordance with ASTM C1629.
- 1. Application: High-traffic areas indicated.
- 2. Mold Resistance: Score of 10, when tested in accordance with ASTM D3273.
- 3. Type: Fire-resistance rated Type X, UL or WH listed.
- 4. Thickness: 5/8 inch.
- 5. Edges: Tapered.
- C. Ceiling Board: Special sag-resistant gypsum ceiling board as defined in ASTM C1396/C1396M; sizes to minimize joints in place; ends square cut.
- 1. Application: Ceilings, unless otherwise indicated.
- 2. Thickness: 1/2 inch.
- 3. Edges: Tapered.
- D. Exterior Sheathing Board: Sizes to minimize joints in place; ends square cut.
- 1. Application: Exterior sheathing, unless otherwise indicated.
- 2. Edges: Square, for vertical application. 2.04 ACCESSORIES
- A. Acoustic Insulation: Acoustic batts.
- B. Water-Resistive Barrier: not required.
- C. Finishing Accessories: ASTM C1047, galvanized steel or rolled zinc, unless otherwise indicated.
- 1. Types: As detailed or required for finished appearance.
- D. Joint Materials: ASTM C475 and as recommended by gypsum board manufacturer for project conditions.
- E. Screws for Attachment to Steel Members Less Than 0.03 inch In Thickness, to Wood Members, and to Gypsum Board: ASTM C1002; self-piercing tapping type; cadmium-plated for exterior locations.
- F. Screws for Attachment to Steel Members From 0.033 to 0.112 inch in Thickness: ASTM C954; steel drill screws for application of gypsum board to load bearing steel studs.
- PART 3 EXECUTION
- 3.01 FRAMING INSTALLATION
- A. Metal Framing: Install in accordance with ASTM C754 and manufacturer's instructions.
- 3.02 ACOUSTIC ACCESSORIES INSTALLATION
- A. Acoustic Insulation: Place tightly within spaces, around cut openings, behind and around electrical and mechanical items within partitions, and tight to items passing through partitions.
- 3.03 BOARD INSTALLATION
- A. Comply with ASTM C 840, GA-216, and manufacturer's instructions. Install to minimize butt end
- joints, especially in highly visible locations.

 B. Fire—Rated Construction: Install gypsum board in strict compliance with requirements of assembly listing.

- C. Exterior Sheathing: Comply with ASTM C1280. Install sheathing vertically, with edges butted tight and ends occurring over firm bearing.
- 3.04 JOINT TREATMENT
- A. Finish gypsum board in accordance with levels defined in ASTM C840, as follows:
- 1. Level 4: Walls and ceilings to receive paint finish or wall coverings, unless otherwise indicated.
- 2. Level 1: Fire rated wall areas above finished ceilings, whether or not accessible in the completed construction. END OF SECTION

SECTION 09 30 00 TILING

PART 1 GENERAL

1.01 SUBMITTALS

A. Product Data: Provide manufacturers' data sheets on tile, mortar, grout, and accessories. Include instructions for using grouts and adhesives.

1.02 FIELD CONDITIONS

- A. Do not install solvent—based products in an unventilated environment.
- B. Maintain ambient and substrate temperature of 50 degrees F (10 degrees C) during installation of mortar materials.

PART 2 PRODUCTS

2.01 TILE

- A. Manufacturers: All products by the same manufacturer.
- B. Floor and Wall Tile: ANSI A137.1, and as follows:
- 1. Size and Shape: As specified in drawings
- 2. Surface Finish: As Specified.
- 3. Trim Units: As Specified.
- 2.02 TRIM AND ACCESSORIES
- A. Ceramic Accessories: Same color and finish as adjacent field tile; same manufacturer as tile.
- B. Ceramic Trim: Matching bullnose, double bullnose, ceramic shapes in sizes coordinated with field tile.

 2.03 SETTING MATERIALS
- A. Provide setting materials made by the same manufacturer as grout.

 2.04 GROUTS
- A. Epoxy Grout: ANSI A118.3 chemical resistant and water-cleanable epoxy grout.
- 1. Applications: All Grout locations in this project.
 PART 3 EXECUTION
- 3.01 INSTALLATION GENERAL
- A. Install tile, thresholds, and grout in accordance with applicable requirements of ANSI A108.1 through A108.13,

manufacturer's instructions, and The Tile Council of North America Handbook recommendations.

B. Lay tile to stacked square pattern indicated. Do not interrupt tile pattern through openings.

3.02 INSTALLATION - FLOORS - THIN-SET METHODS

A. Over wood substrates, install in accordance with The Tile Council of North America Handbook Method F142, with epoxy grout, unless otherwise indicated..

3.04 INSTALLATION - WALL AND FLOOR TILE

- A. Over interior concrete and masonry install in accordance with The Tile Council of North America Handbook Method W202, thin—set with dry—set or latex—Portland cement bond coat.
- B. Over wood studs without backer install in accordance with The Tile Council of North America Handbook Method W231, mortar bed, with membrane where indicated. END OF SECTION

SECTION 10 28 00 TOILET ACCESSORIES

PART 1 — GENERAL

1.01 SUBMITTALS

A. Provide written and graphic data on each toilet accessory to confirm all sizes, finishes, and details.

PART 2 - PRODUCTS

2.01 MANUFACTURERS

- A. Provide all products manufactured by one manufacturer of the following:
- 1. American Specialties, Inc.
- 2. Bradley Corporation
- 3. Bobrick
- 2.02 MATERIALS
- A. Accessories General: Shop assembled, free of dents and scratches and packaged complete with anchors and fittings, steel anchor plates, adapters, and anchor components for installation.
- B. Stainless Steel Sheet: ASTM A666, Type 304.
- C. Stainless Steel Tubing: ASTM A269, Type 304 or 316.

2.03 FINISHES

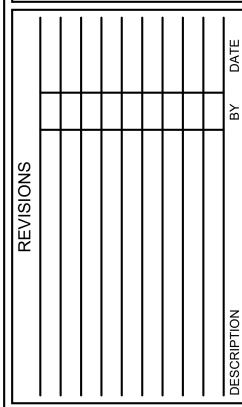
A. Stainless Steel: No. 4 satin brushed finish.

2.04 TOILET ROOM ACCESSORIES

- A. Toilet Paper Dispenser: Single roll, surface mounted bracket type, chrome-plated zinc alloy brackets, spindle-less type for tension spring delivery designed to prevent theft of tissue roll.
- B. Grab Bars: Stainless steel, nonslip grasping surface finish.
- 1. Standard Duty Grab Bars:
- a. Push/Pull Point Load: 250 pound—force, minimum.
- b. Dimensions: 1-1/4 inch outside diameter, minimum 0.05 inch wall thickness, exposed flange mounting, 1-1/2 inch clearance between wall and inside of grab bar.
- c. Length and Configuration: As indicated on drawings.







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2.05 SHOWER ACCESSORIES

- A. Shower Curtain Rod: Stainless steel tube, 1 inch outside diameter, 0.04 inch wall thickness, satin-finished, with 3 inch outside diameter, minimum 0.04 inch thick satin-finished stainless steel flanges, for installation with exposed fasteners.
- B. Folding Shower Seat: Wall-mounted recessed; welded tubular seat frame, structural support members, hinges and mechanical fasteners of Type 304 stainless steel, L-shaped, right hand seat.

1. Seat: Teakwood slats secured to supporting frame members with stainless steel screws. Ease edges of each slat.

C. Towel Bar: Stainless steel Type 304, 3/4 inch square tubular bar; rectangular brackets, concealed attachment, satin finish.

. Length: 18 inches.

2.06 UTILITY ROOM ACCESSORIES

A. Mop and Broom Holder: 0.05 inch thick stainless steel, Type 304, hat—shaped channel.

1. Holders: 3 spring-loaded rubber cam holders.

2. Length: 36 inches.

PART 3 - EXECUTION

3.01 INSTALLATION

A. Install accessories in accordance with manufacturers' instructions in locations indicated on the drawings.

B. Install plumb and level, securely and rigidly anchored to substrate.

C. Mounting Heights: As required by accessibility regulations, unless otherwise indicated.

END OF SECTION

ECTION 09 90 00 PAINTING AND COATING

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Scope: Finish all interior and exterior surfaces exposed to view, unless fully factory—finished and unless otherwise indicated, including the following:
- 1. Exposed surfaces of steel lintels and ledge angles.
- 2. Mechanical and Electrical:
- a. In finished areas, paint all insulated and exposed pipes, conduit, boxes, insulated and exposed ducts, hangers, brackets, collars and supports, mechanical equipment, and electrical equipment, unless otherwise indicated.
- B. Do Not Paint or Finish the Following Items:
- 1. Items fully factory—finished unless specifically so indicated; materials and products having factory—applied primers are not considered factory finished.
- 2. Items indicated to receive other finishes.
- 3. Items indicated to remain unfinished.
- 4. Fire rating labels, equipment serial number and capacity labels, and operating parts of equipment.
- 5. Non-metallic roofing and flashing.

- 6. Stainless steel, anodized aluminum, bronze, terne, and lead items.
- 7. Marble, granite, slate, and other natural stones.
- 8. Floors, unless specifically so indicated.
- 9. Glass.
- O. Concealed pipes, ducts, and conduits.
- 1.02 SUBMITTALS
- A. Product Data: Provide complete list of all products to be used, with the following information for each:
- 1. Material List: An inclusive list if required coating materials. Indicate each material and cross—reference specific coating, finish system and application. Identify each material by manufacturer's catalog number and general classification.
- 2. Preparation instructions and recommendations.
- 3. Manufacturer's Information: Manufacturer's technical information, including label analysis and instructions for handling, storing and applying each coating material.
- B. Samples: Submit three paper "draw down" samples, 8-1/2 by 11 inches in size, illustrating range of colors available for each finishing product specified. Where sheen is specified, submit samples in only that sheen.
- C. Mock-Up: Provide a mock-up for evaluation of surface preparation techniques and application workmanship.
- 2. Finish areas designated by Architect.
- 3. Do not proceed with remaining work until workmanship, color and sheen are approved by Architect. Refinish mock—up area as required to produce acceptable work.
- 1.03 DELIVERY, STORAGE AND HANDLING
- A. Deliver materials to Project site in manufacture's original, unopened packages and containers bearing manufacturer's name and label.
- B. Store materials not in use in tightly covered containers in a well-ventilated area at a minimum ambient temperature of 45 degrees F (7 degrees C). Maintain storage containers in a clean condition, free of foreign materials and residue.

1.04 EXTRA MATERIALS

A. Furnish extra paint materials from the same production run as the materials applied and in the quantities described below. Package with protective covering for storage and identify with labels describing contents. Deliver extra materials to Owner.

A. Quantity: Furnish Owner with an additional three percent, but not less than 1 gallon (3.81) or one case, as appropriate, of each material and color applied.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Provide all paint and coating products used in any individual system from the same manufacturer; no exceptions.

B. Paint selected from one of the following manufacturers:

- 1. PPG/Porter Paints
- 2. Benjamin Moore
- 3. Sherwin Williams
- 4. Farrell-Calhoun
- C. Products and Paint Systems as listed in this specification.
- D. Refer to Construction Documents for paint color and location.
- E. Accent Walls will be dark tint paint
- F. Exposed Structure shall not be painted white. 2.02 PAINTS AND COATINGS — GENERAL
- A. Paints and Coatings: Ready mixed, unless intended to be a field-catalyzed coating.
- 1. Supply each coating material in quantity required to complete entire project's work from a single production run.
- 2. Do not reduce, thin, or dilute coatings or add materials to coatings unless such procedure is specifically described in manufacturer's product instructions.
- B. Volatile Organic Compound (VOC) Content:
- 1. Provide coatings that comply with the most stringent requirements specified in the following:
- a. 40 CFR 59, Subpart D—National Volatile Organic Compound Emission Standards for Architectural Coatings.
- 2. Determination of VOC Content: Testing and calculation in accordance with 40 CFR 59, Subpart D (EPA Method 24), exclusive of colorants added to a tint base and water added at project site; or other method acceptable to authorities





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2.03 PAINT SYSTEMS - INTERIOR

A. Ferrous Metals: One Alkyd (oil base) Primer Coat & Two Alkyd Gloss Finish Coats

Primer:

Moore P06 Super Spec HP Alkyd Metal Primer (323 g/L)

PPG 6-208 Speedhide Alkyd Rust Inhibiting Metal Primer (330 g/L)

S/W B50Z Kem Kromik Universal Metal Primer (405 g/L)

FC 1024 Tuff Boy Rust Stop Primer Red (380 g/L), Gray (390 g/L)

Finish:

Moore P22 Super Spec HP Urethane Alkyd Gloss Enamel (394 g/L)

PPG 7-282 Speedhide Alkyd Gloss Enamel (332 g/L)

S/W B54Z Industrial Alkyd Gloss Enamel (440 g/L)
B54Z-100, Pro-Industrial Industrial Enamel - 100, (<100 g/L)

FC 580 Interior High Gloss Alkyd Enamel (375 g/L)

Optional Low VOC System: One Primer Coat & Two Finish Coats

Primer:

Moore P04 Super Spec HP Acrylic Metal Primer (54 g/L)

PG 90-712 Pitt-Tech Waterborne Acrylic DTM Primer (123 g/L)

S/W B66W1 Direct to Metal (DTM) Acrylic Primer (138 g/L)
Pro Industrial Pro-Cryl Universal Metal Primer, B66-310 (<100 g/L)

FC 5-56 Tuff Boy 100% Acrylic DTM Primer (45 g/L)

Finish:

Moore P29 Super Spec HP Acrylic DTM Semi-Gloss Enamel (206 g/L)

P28 Super Spec HP Acrylic DTM Gloss Enamel (147 g/L)

PPG 90-474 Pitt-Tech Int/Ext DTM Acrylic Satin Industrial Enamel (192 g/L) 90-347 Pitt-Tech Int/Ext DTM Acrylic Gloss Industrial Ename (192 g/L)

S/W B66-200 Direct To Metal (DTM) Acrylic Semi Gloss Enamel (208 g/l)

B66W100 Direct To Metal Acrylic Gloss Enamel(208 g/l)

FC 000 Series 100% Acrylic DTM enamel (95 g/L)

A. Ferrous Roof Decking: One Alkyd Primer Coat & One Alkyd Finish Coat.

Primer

Moore P07 Super Spec HP Alkyd Universal Metal Primer (340 g/L) P07-20 Red

PPG 97-680 Multiprime Quick Dry Universal Metal Primer (393 g/L)

S/W B50Z Kem Kromik Universal Metal Primer (405 g/L)

FC 1024 Tuff Boy Rust Stop Primer Red (380 g/L), Gray (390 g/L)

Finish:

re 151 Sweep Up Alkyd Flat Dry Fall (393 g/L) 158 Sweep Up Alkyd Eggshell Dry Fall (380 g/L)

PPG 6-160 XI Speedhide Alkyd Interior Flat Dry Fog (384 g/L) 6-161 XI Speedhide Alkyd Interior Lo-Lustre Dry Fog (362 g/L)

157 Sweep Up Alkyd Semi-Gloss Dry Fall (387 q/L)

S/W B48W61 Super Save Lite Alkyd Flat Dry Fog (349 g/l)
B47W62 Super Save Lite Alkyd Semi Gloss Dry Fog (350 g/l)

B47WZ65 Super Save Lite Alkyd Gloss Dry Fog (382 g/l) FC 990 Tuff Boy Alkyd Flat Dryfog (360 g/L) 954 Tuff Boy Alkyd Semi-Gloss Dryfog (400 g/L)

A. Galvanized Metal: One Solvent Base or Acrylic Prime Coat & Two Alkyd Finish Coats

Primer:

g/L)

Moore P07 Super Spec HP Universal Metal Primer (340 g/L)
PPG 90-712 Pitt-Tech Waterborne Acrylic DTM Primer (123

S/W B50W3 Galvite Galvanized Metal Primer (312 g/L)

B66-310 ProCryl Universal WB Metal Primer (<100 g/l)
5-56 Tuff Boy 100% Acrylic DTM Primer (45 g/L)

Finish:

Moore C305 Dulamel Alkyd Eggshell Enamel (376 g/L)

C271 Super Spec Alkyd Semi-Gloss Enamel (372 g/L)

M22 Urethane Alkyd Gloss Enamel (394 g/L)

PPG 6-90 Speedhide Alkyd Eggshell Enamel (355 g/L)

6-1110 Speedhide Alkyd Semi-Gloss Enamel (334 g/L) 7 Line Alkyd Gloss Industrial Enamel (332 g/L)

S/W B33W200 ProMar 200 Alkyd Eg-Shel Enamel (434 g/L) B34W200 ProMar 200 Alkyd Semi-Gloss Enamel (442 g/L)

B54 Alkyd Gloss Industrial Enamel (440 g/L)

B54Z-100, Pro-Industrial Industrial Enamel -100 (<100

g/L)
FC 5200 Interior Satin Alkyd Enamel (379 g/L)

500 Line Interior Alkyd Semi Gloss Enamel (368 g/L) 580 Line Interior High Gloss Alkyd Enamel (375 g/L)

A. Galvanized Roof Decking: One Alkyd or Acrylic Prime Coat and One Alkyd Finish Coat

Primer:

Moore

P04 Super Spec HP Acrylic Metal Primer (54 g/L)

PPG 90-712 Pitt-Tech Waterborne Acrylic DTM Primer (138

g/L)

S/W B50W3 Galvite Galvanized Metal Primer (312 g/l)
B66-310 Pro-Cryl WB Universal Metal Primer (<100 g/L)

5-56 Tuff Boy 100% Acrylic DTM Primer (45 g/L)

Smith Seckman Reid, Inc.

2650 Thousand Oaks Boulevard, Suite 3200

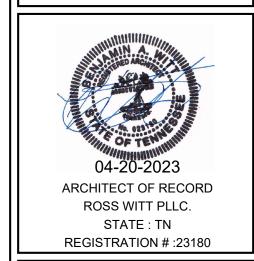
Memphis, TN 38118

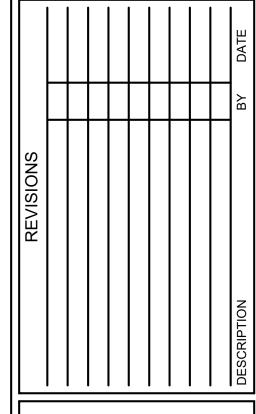
(901) 683-3900

FAX: (901) 683-3990

www.ssr-inc.com

SSR Project #: 18672010





MEMPHIS HOUSING AUTHORITY IMPROVEMENTS AND REPAIRS FOR PUBLIC HOUSING UNITS MEMPHIS, TENNESSEE

DRAWN BY --DESIGNED BY --CHECKED BY --SHEET TITLE

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Finish Moore	151 Sweep Up Alkyd Flat Dry Fall (393 g/L) 158 Sweep Up Alkyd Eggshell Dry Fall (380 g/L) 157 Sweep Up Alkyd Semi-Gloss Dry Fall (387 g/L)	FC	B31W200 ProMar 200 Acrylic Latex SG Enamel (138 g/L) 300 Line Interior Flat Wall Paint (<50 g/L) 370 Line Interior Eggshell Latex Enamel (49 g/L) 680 Line Interior Latex Semi-Gloss Enamel (59 g/L)	FC
PPG	6-160 XI Speedhide Alkyd Interior Flat Dry Fog (384 g/L) 6-161 XI Speedhide Alkyd Interior Lo-Lustre Dry Fog (362 g/L)		d Doors & Trim: <u>Painted</u> One <u>Alkyd</u> Prime Coat & <u>d</u> Finish Coats	E. Po
S/W	B48W61 Super Save Lite Alkyd Flat Dry Fog (349 g/L)	Primer:		
g/L)	B47W62 Super Save Lite Alkyd Semi Gloss Dry Fog (360	Moore	C245 Super Spec Alkyd Enamel Interior Undercoater (346 g/L)	St. Mc
FC	B47W65 Super Save Lite Alkyd Gloss Dry Fog (382 g/L) 990 Tuff Boy Alkyd Flat Dryfog (360 g/L)	PPG	17-941NF Seal Grip Alkyd Quick Dry Enamel Undercoater (341 g/L)	PP S/
	954 Tuff Boy Alkyd Semi-Gloss Dryfog (400 g/L)	S/W	B28W8111 Multi-Purpose Wall & Wood Primer, (41 g/l voc) B79W8810, ProBlock Alkyd HS Primer, (349 g/L)	FC
		FC	599 Enamel Undercoater (350 g/L)	
	ect To Galvanized Metal (No Primer Required) Two			
FINISH C	oats of DTM Dryfog	Finish: Moore	C305 Dulamel Alkyd Eggshell Enamel (376 g/L)	
Finish		10000	C271 Super Spec Alkyd Semi-Gloss Enamel (372 q/L)	
Moore	153 Super Spec Sweep Up Spray Acrylic Latex Flat Dry Fall (46 g/L)	g/L)	P22 Super Spec HP Urethane Alkyd Gloss Enamel (394	
PPG	6-725XI Speedhide Super Tech WB Acrylic Flat Dry Fog (29 g.L)	PPG	6-90 Speedhide Alkyd Lo-Lustre Enamel (355 g/L)	
S/W	B42W1 Waterborne Flat DTM Dry Fog (B42W2 Eggshell Finish (58 g/L)		6-1110 Speedhide Alkyd Semi-Gloss Enamel (334 g/L) 6-282 Speedhide Alkyd Gloss Enamel (332 g/L)	
FC	999 Tuff Boy Waterborne Flat Dryfog (34 g/L)	S/W	B33W200 ProMar 200 Alkyd Eg—Shel Enamel (434 g/L) B34W200 ProMar 200 Alkyd Semi—Gloss Enamel (442	
١ ر	sum Drywall One Acrylic Latex Primer & Two Acrylic nish Coats	g/L)	B54 Alkyd Gloss Industrial Enamel (440 g/L)	
Primer:		FC	5200 Interior Satin Alkyd Enamel (379 g/L) 500 Line Interior Alkyd Semi Gloss Enamel (368 g/L)	
Moore Sealer	253 Super Spec Acrylic Latex Undercoater & Primer (54g/L)		580 Line Interior Aikya Serii Gloss Ellamer (300 g/L)	
PPG S/W	6-2 Speedhide Interior Latex Primer Sealer (<50 g/L) B28W8200 ProMar 200 Latex Primer (86 g/L)		d Doors & Trim: <u>Painted</u> One <u>Acrylic Prime</u> Coat & x Finish Coats.	
FC	380 Perfik Seal Latex Primer (<50 g/l)	Primer:		
Finish:	075	Moore	284 Moorcraft Super Hide Latex Undercoater (47 g/L)	
Moore	275 Moorcraft Super Spec Acrylic Latex Flat Paint (46 g/L)	PPG	17—921 Seal Grip Latex Enamel Undercoater (84 g/L)	
	274 Moorcraft Super Spec Acrylic Latex Eggshell Enamel (35 g/L)	S/W FC	B28W8111 Multi-Purpose Wall & Wood Primer, (41 g/L) 235 Int/Ext 100% Acrylic Primer (35 g/L)	
	276 Moorcraft Super Spec Acrylic Latex SG Enamel (42	Finish:		
	g/L)	Moore	C274 Super Spec Acrylic Latex Eggshell Enamel (144 g/L)	
PPG	6-70 Speedhide Acrylic Latex Flat Wall Paint (<50 g/L) 6-411 Speedhide Acrylic Latex Eggshell Enamel (<50	100010	276 Super Spec Acrylic Latex Semi-Gloss Enamel (145 g/L)	
,	g/L) 6-500 Speedhide Acrylic Latex SG Enamel (<50 g/L)	PPG	6-411 Speedhide Acrylic Latex Eggshell Enamel (<50 g/L)	
S/W	B30W200 ProMar 200 Acrylic Latex Flat Wall Paint (94 g/L) B20W200 ProMar 200 Acrylic Latex Eg—Shel Enamel (96		6-500 Speedhide Acrylic Latex Semi-Gloss Enamel (<50 g/L)	
	g/L)	S/W	ProMar 200 Zero VOC Interior Latex Eg-Shel, B20-2600	

(0 g/l voc)

ProMar 200 Zero VOC Interior Latex SG B31-2600 (0

g/L)

g/L)

370 Line Interior Eggshell Latex Enamel (49 g/L) 680 Line Interior Latex Semi-Gloss Enamel (59 g/L)

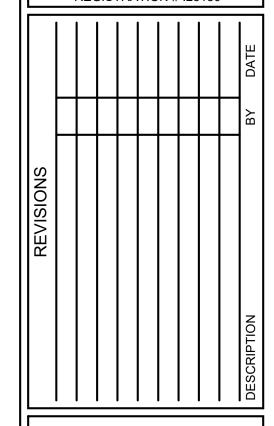
E. Wood Doors & Trim: <u>Stained</u> <u>Oil</u> Stain & Two Clear <u>Polyurethane</u> Coats

Stain:

Moore C234 Benwood Interior Alkyd Wood Stain (540 g/L)
PPG 44500 Olympic Alkyd Wood Stain (<250 g/L)
S/W A49-200 WoodClassics Interior Oil Stain (524 g/L)
FC 1500 Wood Kraft WB Alkyd Penetrating Wiping Stain (125







MEMPHIS HOUSING AUTHORITY IMPROVEMENTS AND REPAIRS FOR PUBLIC HOUSING UNITS MEMPHIS, TENNESSEE SOLICITATION NO. HM 19-R-00500

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1st	coat:
Mod	ore.

loore 428 Benwood Polyurethane Gloss Finish (348 g/L) (Thinned 1 pint per Gallon)

DFT21 Deft Polyurethane Gloss (<275 g/L) DFT26- Satin (Thinned I pin Per gallon)

S/W A67V1 WoodClassics Polyurethane Gloss Finish (447 g/L)

1120 Wood Kraft Gloss Polyurethane Varnish (448 g/L) 1122 Satin (446 g/L)

2nd coat:

Moore N435 Benwood Polyurethane Low Lustre Finish (342 g/L) 428 Gloss (443 g/L)

PPG DFT26 Deft Polyurethane Satin Finish (<275g/L) DFT21 Gloss(<550 g/L)

S/W A67F1 WoodClassics Polyurethane Satin Varnish (488 g/L) A67V1 Gloss (447 g/l)

1120 Wood Kraft Gloss Polyurethane Varnish (448 g/L) 1122 Satin (446 g/L)

A. Wood Doors & Trim: <u>Stained</u> Oil Stain, One Coat Sanding Sealer, Two <u>Varnish</u> Coats.

Stain:

Moore C234 Benwood Interior Alkyd Wood Stain (540 g/L)

PPG DFT400 Series Deft Alkyd Wood Stain (<250 g/L)

S/W A49-200 WoodClassics Interior Oil Stain (524 g/L)

FC 1500 Wood Kraft WB Alkyd Penetrating Wiping Stain (125

Sealer:

Moore 413 Benwood Alkyd Interior Quick Dry Sanding Sealer (494 g/L)

PPG DFT26 Deft Polyurethane Satin Finish (<275g/L) DFT21 Gloss(<550 g/L)

S/W B26V43 WoodClassics Fast Dry Sanding Sealer (522 g/L)

FC 1120 Wood Kraft Gloss Polyurethane Varnish (448 g/L) 1122 Satin (446 g/L)

Varnish:

Moore N435 Benwood Alkyd Low Lustre Varnish (342 g/L) #420 Gloss

PPG DFT26 Deft Polyurethane Satin Finish (<275g/L) DFT21 Gloss(<550 g/L)

S/W A66-300 WoodClassics Fast Dry Oil Base Varnish (Gloss 500 g/L) (Satin 507 g/L)

1120 Wood Kraft Gloss Polyurethane Varnish (448 g/L) 1122 Satin (446 g/L)

PART 3 EXECUTION

3.01 PREPARATION

- A. Clean surfaces thoroughly and correct defects prior to coating application.
- B. Prepare surfaces using the methods recommended by

the manufacturer for achieving the best result for the substrate under the project conditions.

3.02 APPLICATION

A. Remove unfinished louvers, grilles, covers, and access panels on mechanical and electrical components and paint separately.

B. Apply products in accordance with manufacturer's instructions.

C. Do not apply finishes to surfaces that are not dry. Allow applied coats to dry before next coat is applied.

D. Vacuum clean surfaces of loose particles. Use tack cloth to remove dust and particles just prior to applying next coat.

E. Reinstall electrical cover plates, hardware, light fixture trim, escutcheons, and fittings removed prior to finishing.

END OF SECTION

SECTION 10 28 00 TOILET ACCESSORIES

PART 1 — GENERAL

1.01 SUBMITTALS

A. Provide written and graphic data on each toilet accessory to confirm all sizes, finishes, and details. PART 2 - PRODUCTS

2.01 MANUFACTURERS

A. Provide all products manufactured by one manufacturer of the following:

- 1. American Specialties, Inc.
- 2. Bradley Corporation
- 3. Bobrick

2.02 MATERIALS

A. Accessories — General: Shop assembled, free of dents and scratches, and packaged complete with anchors and fittings, steel anchor plates, adapters, and anchor components for installation.

B. Stainless Steel Sheet: ASTM A666, Type 304.

C. Stainless Steel Tubing: ASTM A269, Type 304 or 316.2.03 FINISHES

A. Stainless Steel: No. 4 satin brushed finish, unless otherwise noted.

2.04 TOILET ROOM ACCESSORIES

A. Toilet Paper Dispenser: Single roll, surface mounted bracket type, chrome-plated zinc alloy brackets, spindle-less type for tension spring delivery designed to prevent theft of tissue roll.

B. Grab Bars: Stainless steel, nonslip grasping surface finish.

- 1. Standard Duty Grab Bars:
 - a. Push/Pull Point Load: 250 pound-force, minimum.
 - b. Dimensions: 1-1/4 inch outside diameter, minimum 0.05 inch wall thickness, exposed flange mounting, 1-1/2 inch clearance between wall and inside of grab bar.
 - c. Length and Configuration: As indicated on drawings.

2.05 SHOWER ACCESSORIES

A. Shower Curtain Rod: Stainless steel tube, 1 inch outside diameter, 0.04 inch wall thickness, satin-finished, with 3 inch outside diameter, minimum 0.04 inch thick satin-finished stainless steel flanges, for installation with exposed fasteners.

B. Folding Shower Seat: Wall-mounted recessed; welded tubular seat frame, structural support members, hinges and mechanical fasteners of Type 304 stainless steel, L-shaped, right hand seat.

- 1. Seat: Teakwood slats secured to supporting frame members with stainless steel screws. Ease edges of each slat.
- C. Towel Bar: Stainless steel Type 304, 3/4 inch square tubular bar; rectangular brackets, concealed attachment, satin finish.
 - 1. Length: 18 inches.

2.06 UTILITY ROOM ACCESSORIES

A. Mop and Broom Holder: 0.05 inch thick stainless steel, Type 304, hat—shaped channel.

- 1. Holders: 3 spring-loaded rubber cam holders.
- 2. Length: 36 inches.

PART 3 - EXECUTION

3.01 INSTALLATION

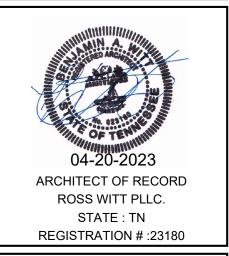
A. Install accessories in accordance with manufacturers' instructions in locations indicated on the drawings.

B. Install plumb and level, securely and rigidly anchored to substrate.

C. Mounting Heights: As required by accessibility regulations, unless otherwise indicated.

END OF SECTION





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	REVISIONS									DESCRIPTION

MEMPHIS HOUSING AUTHORITY IMPROVEMENTS AND REPAIRS FOR PUBLIC HOUSING UNITS MEMPHIS, TENNESSEE

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SECTION 12 35 30 CASEWORK

PART 1 GENERAL

1.01 SUBMITTALS

A. Shop Drawings: Indicate casework locations, large scale plans, elevations, clearances required.

PART 2 PRODUCTS

2.01 COMPONENTS

A. Quality Grade: as specified for AWI/AWMAC/WI Architectural wood work standards for premium grade.

B. Cabinet Construction: Softwood lumber framing and particle board, tempered hardboard gables laminated with plastic laminate.

C. Kitchen Countertop: quartz counter top with tile backslash and side splash.

D. Door and Drawer Fronts: Solid wood and plastic laminate.

E. Bolts, Nuts, Washers and Screws: Of size and type to suit application.

F. Concealed Joint Fasteners: Threaded steel.

2.02 HARDWARE

A. Hardware: Manufacturer's standard.

B. Shelf Brackets: Adjustable shelf supports: standard side mounted system using recessed metal shelf standards or multiple holes for pin supports and coordinated self rests, polished chrome finish nominal 1" spacing.

C. Drawer and Door Pulls: Chrome wire pulls, 4 inches (102 mm) wide.

1. Static load capacity: Commercial Grade

D. Drawer Slides: Extension arms, steel construction.

E. Hinges: European style concealed, self closing type, steel with polished finish.

F. Sliding Door Track Assemblies: Nylon track with solid bearing followers.

2.03 FABRICATION

A. Shop assemble casework for delivery to site in units easily handled and to permit passage through building openings.

B. Fabricate corners and joints without gaps or inaccessible spaces or areas where dirt or moisture could accumulate.

C. Fabricate each unit to be rigid and not dependent on building structure for rigidity.

D. Apply laminate backing sheet to reverse side of plastic laminate finished surfaces.

E. Form smooth edges. Form countertops, shelves, drain boards from continuous sheets.

F. Provide cutouts for plumbing fixtures, appliances, and fixtures and fittings. Prime paint contact surfaces of cut edges.

2.04 FINISHES

A. Exposed To View Surfaces: Plastic laminate of Standard color as selected.

B. Interior Surfaces: Melamine in beige color. PART 3 EXECUTION

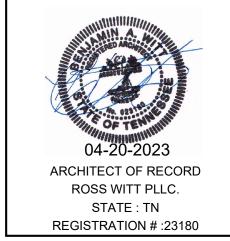
3.01 INSTALLATION

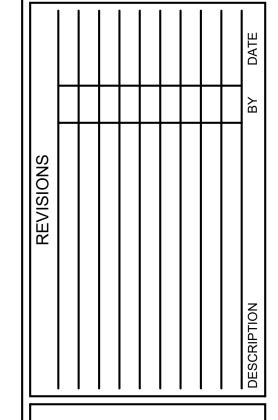
A. Install casework, components and accessories in accordance with manufacturer's instructions.

B. Set casework items plumb and square, securely anchored to building structure.

END OF SECTION







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GENERAL NOTES:

- 1. PRODUCTS, MATERIALS, EQUIPMENT, COMPONENTS, FIXTURES AND/OR EQUIPMENT HEREIN CALLED FOR BY NAME ESTABLISH THE QUALITY INTENDED TO BE INSTALLED IN THE PROJECT. PRODUCTS, ETC. OF EQUAL OR GREATER QUALITY AND PERFORMANCE MAY BE SUBMITTED FOR APPROVAL PROVIDED SUBSTITUTION PRODUCT FITS IN AVAILABLE SPACE.
- 2. PHOTOGRAPHS WERE TAKEN DURING PRELIMINARY PROJECT DESIGN AND MAY NOT REFLECT CURRENT CONDITIONS. THE CONTRACTOR SHALL VISIT EACH UNIT AND BECOME FAMILIAR WITH THE SCOPE OF REQUIRED WORK PRIOR TO SUBMITTING BIDS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL DIMENSIONS, EXISTING CONDITIONS, AND QUANTITY OF DEVICES AND FIXTURES TO BE REPLACED AND/OR INSTALLED.
- THE DRAWING FLOOR PLANS ARE SCHEMATIC AND MAY NOT PRESENT THE ACTUAL DWELLING UNIT ORIENTATION, BUT THE QUANTITY OF WORK SCOPE IS INDICATED ON THE PLANS.
- 4. CONTRACTOR IS RESPONSIBLE FOR SECURING ALL PERMITS REQUIRED TO PERFORM THE SCOPE OF WORK.
- 5. ALL WORK FOR THIS PROJECT SHALL BE COORDINATED WITH THE OWNER/OWNER'S REPRESENTATIVE.
- 6. WORKING HOURS OUTSIDE THE ESTABLISHED WORK PERIOD TO PERFORM THE SCOPE OF WORK SHALL BE APPROVED BY THE OWNER.
- 7. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH HUD AND FEDERAL REGULATIONS, STATE OF TENNESSEE REGULATIONS AND SHELBY COUNTY REGULATIONS.
- 8. ALL WASTE SHALL BE REMOVED FROM THE SITE DAILY. NO WASTE WILL BE ALLOWED TO BE STORED ON SITE DURING THE PROJECT.
- 9. ALL REMOVED OPERATING EQUIPMENT AND FIXTURES SHALL BE TURNED OVER TO FACILITY MANAGEMENT.
- 10. PROVIDE DRY TYPE FIRE EXTINGUISHER IN KITCHEN.
- 11. KEY NOTES IDENTIFIED WITH "TYP" SIGNIFY THAT ALL DEVICES WITHIN THE DWELLING UNIT OF SIMILAR TYPE ARE TO RECEIVE THE SAME VERBIAGE AS THE DEVICE INDICATED.
- ALL PUMBING WORK SHALL COMPLY WITH CURRENT IPC ENFORCED BY LOCAL AHJ, INSTALLED BY A LICENSED CONTRACTOR.
- 2. ALL DOMESTIC WATER PIPING SHALL BE INSULATED WITH $\frac{1}{2}$ " THICK ARMAFLEX INSULATION. INSULATION AT FITTINGS SHALL BE MITERED. JOINTS SHALL BE CONTINUOUSLY SEALED AS RECOMMENDED BY THE INSULATION MANUFACTURER.
- 3. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL VISUALLY INSPECT ALL PLUMBING FOR DAMAGES AND POTENTIAL LEAKS AND REPORT CONDITIONS TO OWNER WITH PHOTOGRAPHS. PRIOR TO INSTALLING PIPE INSULATION, THE CONTRACTOR SHALL INSPECT AND PRESSURE TEST ALL PLUMBING FOR LEAKS AND REPORT UNSATISFACTORY CONDITIONS OF EXISTING PIPING TO THE OWNER. REPAIR COSTS FOR COVERING EXISTING NON-FUNCTIONAL SYSTEMS SHALL BE BORNE BY THE CONTRACTOR FOR THE WARRANTY PERIOD OF THE CONTRACT.
- RAISE EXISTING EXTERIOR CONCRETE VALVE BOX AND SANITARY WASTE CLEANOUT PLUGS AS REQUIRED TO BE FLUSH WITH FINISHED SURFACE OF NEW HANDICAP RAMP.
- 5. TEMPORARILY PLUG EXISTING WASTE ROUGH-INS TO PREVENT CONSTRUICITON DEBRIS FROM ENTERING THE SANITARY WASTE SYSTEM. CONTRACTOR SHALL FLUSH SANITARY SYSTEM PRIOR TO SETTING PLUMBING FIXTURES IN PLACE.

- ALL MECHANICAL WORK SHALL COMPLY WITH CURRENT IMC ENFORCED BY LOCAL AHJ, INSTALLED BY A LICENSED CONTRACTOR.
- HVAC EQUIPMENT REPLACEMENT IS UNDER THIS CONTRACT. REMOVE AND REPLACE ALL HVAC DUCTWORK. VERIFY AND DOCUMENT EXISTING SIZES AND ROUTING PRIOR TO DEMOLITION. NEW DUCTWORK SHALL BE GALVANIZED STEEL, GAUGE AND INSTALLATION METHODS MEETING SMACNA STANDARDS. SUPPLY AIR DUCTWORK SHALL BE WRAPPED WITH FOIL FACED FIBERGLASS INSULATION OF THICKNESS MEETING THE APPLICABLE EDITION OF INTERNATIONAL ENERGY CONSERVATION CODE. ALL LAP AND LONGITUDINAL INSULATION JOINTS SHALL BE TAPED AND SEALED TO PREVENT UNCONDITIONED AIR FROM CONTACTING THE OUTSIDE STEEL DUCTWORK
- 3. KITCHEN EXHAUST SHALL COMPLY WITH CURRENT IMC, SECTION 505, EXHAUST SHALL BE HARD DUCTED TO THE EXTERIOR ATMOSPHERE, TERMINATED BY A WALL CAP WITH BACKDRAFT FLAPPER.
- 4. MECHANICAL BATHROOM EXHAUST SHALL COMPLY WITH CURRENT IMC, CHART 403.3.1.1. EXHAUST SHALL BE DUCTED TO THE EXTERIOR ATMOSPHERE, TERMINATED WITH A WALL CAP AND FLAPPER.

- ALL ELECTRICAL WORK SHALL COMPLY WITH THE CURRENT EDITION OF NEC BY A LICENSED CONTRACTOR.
- 2. PROVIDE HARD WIRED SMOKE DETECTOR IN EACH BEDROOM, KITCHEN, LIVING ROOM, TOP OF STAIRS, AND AS REQUIRED BY IBC 907.11.2
- 4. PROVIDE HARD-WIRED CARBON MONOXIDE SENSOR OUTSIDE EACH MECHANICAL ROOM / KITCHEN
- 5. ALL ELECTRICAL WIRING SHALL BE ENCASED IN FLEXIBLE STEEL CONDUIT. REPLACE ALL WIRING NOT ENCASED IN CONDUIT.
- 6. PRIOR TO THE INSTALLATION OF NEW WALLS, THE CONTRACTOR SHALL INSPECT ELECTRICAL DEVICES FOR FUNCTIONAL OPERATION. REPAIR COSTS FOR COVERING EXISTING NON-FUNCTIONAL SYSTEMS SHALL BE BORNE BY THE CONTRACTOR FOR THE WARRANTY PERIOD OF THE CONTRACT.
- 7. PROVIDE ARC-FAULT CIRCUIT-INTERRUPTER PROTECTION PER NEC, ARTICLE 210.12 (A). ALL 120-VOLT SINGLE PHASE, 15- AND 20-AMP BRANCH CIRCUITS SUPPLYING OUTLETS IN DWELLING
- 8. KITCHEN AREA OUTLETS SHALL COMPLY WITH 2021 NEC, 210.52 (B) OR LATEST EDITION THEREOF.
- 9. PROVIDE 20-AMP BRANCH BATHROOM CIRCUIT PER 2021 NEC, 210.10(C) OR LATEST EDITION
- 10. SIMPLEX 20-AMP RECEPTACLES ARE REQUIRED FOR APPLIANCES RATED 1,000 WATTS OR MORE, OR ੀ" HP OR MORE.
- 11. TAMPER-RESISTANT RECEPTACLES SHALL BE INSTALLED IN AREAS SPECIFIED BY 2021 NEC, 210.52 OR LATEST EDITION THERREOF.

SPECIFIC REMODELING NOTES:

PLUMBING:

- $\langle \mathtt{P1} \rangle$ REPLACE FLUSH TANK TOILET WITH FLOOR MOUNTED, 2 PIECE FLUSH TANK FIXTURE AS SCHEDULED. PROVIDE NEW BEESWAX COLLAR, FLANGE BOLTS, CHINA CAPS AND
- ELECTRIC WATER HEATER SHALL BE EQUAL TO AMERICAN (E6N-40R 100) OR BRADFORD WHITE (RE340S6-1NCWW), 40 GALLON, WITH TWO 4.5 KW ELEMENTS, WIRED 240/208/1/60. PIPE T&P RELIEF VALVE TO 6" ABOVE PROVIDED GALVANIZED DRAIN PAN. PIPE DRAIN PAN OUTLET TO BUILDING EXTERIOR. PROVIDE DISCONNECT IN WATER HEATER CLOSET. PROVIDE SHUT OFF BALL VALVE ON COLD WATER SUPPLY.
- (P3) REMOVE WALL HUNG LAVATORY AND INSTALL FIXTURE P-2. PROVIDE NEW FAUCET, POP-UP DRAIN, TAIL PIECE, P-TRAP AND SUPPLY STOPS.
- REPLACE TUB/SHOWER, VALVE, STOPPER AND STOPPER OPERATOR, FAUCET WITH DIVERTER, AND SHOWER HEAD. PROVIDE STUD WALL FURRING REQUIRED ON TUB END TO PROVIDE FLUSH WALL FINISH.
- REPLACE WASHING MACHINE BOX WITH OATLEY 18 GA METAL BOX WITH 1/4 TURN SHUT OFF VALVES. RECONNECT WATER AND WASTE TO EXISTING.
- (P6) REPLACE STAINLESS STEEL SINK WITH NEW FIXTURE. PROVIDE SINGLE LEVER FAUCET WITH HOSE SPRAY, STRAINER WITH CUP, TAIL PIECE, P-TRAP AND SUPPLY STOPS. CONNECT TO EXISTING ROUGH-INS.
- PROVIDE ALL COMPONENTS REQUIRED TO MAKE FINAL CONNECTIONS TO GAS-FIRED
- CONTRACTOR SHALL VERIFY LOCATION AND REWORK DOMESTIC WATER POINT OF ENTRY TO DWELLING UNIT AND INSTALL NEW SOLDERED JOINT 1/4 TURN BALL VALVE IN THE WALL CAVITY, BEHIND AND WITHIN CABINET BASE, EQUAL TO APOLLO 70LF SERIES, ZERO LEAD, VALVE WITH TEE HANDLE. "SHARK-BITE" TYPE VALVE IS NOT ACCEPTABLE, PROVIDE WHITE 8" x 8" 20 GAUGE STEEL, SELF CLOSING, FIRE RATED ACCESS DOOR WITH MORTISE LOCK (SAME KEY PATTERN FOR ALL UNITS) EQUAL TO BABCOCK INSULATED FIRE-RATED ACCESS DOOR. CONTRACTOR SHALL ALSO LOCATE EXTERIOR VALVE BOX AND REPLACE THE EXTERIOR VALVE WITH NEW SOLDERED JOINT 1/4 TURN BALL VALVE EQUAL TO APOLLO 70LF SERIES, ZERO LEAD, VALVE WITH LEVER HANDLE.

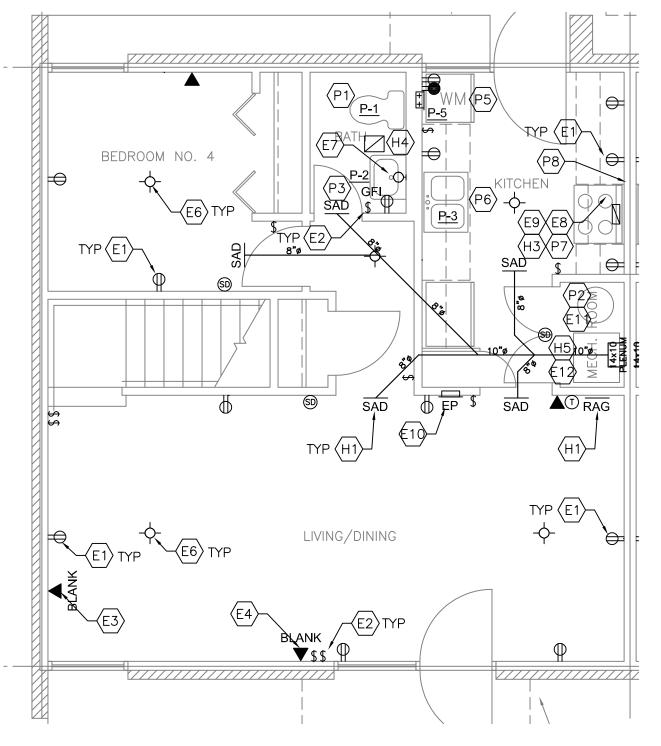
HVAC:

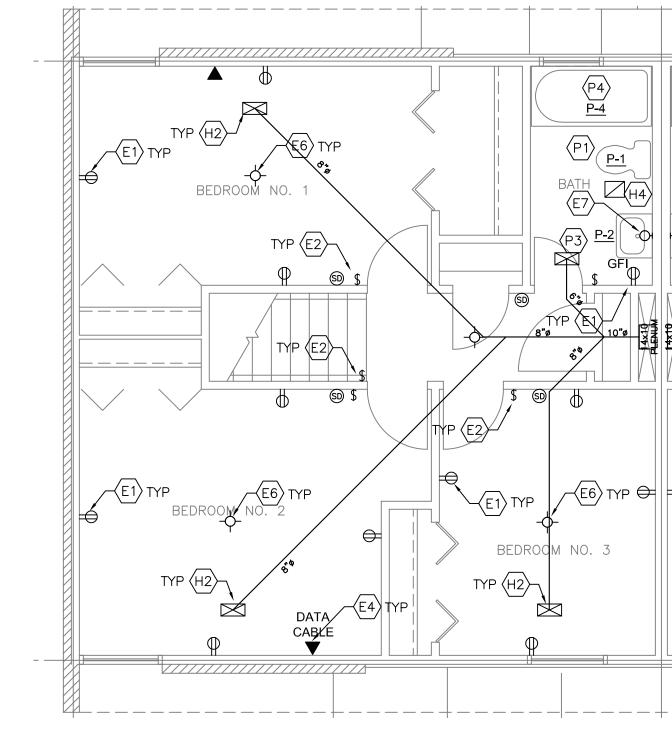
- REPLACE SIDE WALL AIR REGISTER IN LIKE SIZE, WHITE COLOR EQUAL TO METAL-FAB AND MAKE FINAL DUCT CONNECTION FROM NEW DUCTWORK.
- REPLACE CEILING AIR REGISTER IN LIKE SIZE, WHITE COLOR EQUAL TO METAL-FAB AND MAKE FINAL DUCT CONNECTION FROM NEW DUCTWORK.
- MAKE FINAL DUCT CONNECTIONS TO STOVE VENT HOOD AND TERMINATE HARD DUCT

TO ATMOSPHERE WITH WALL CAP AND FLAPPER WITH INSECT SCREEN.

- (H4) TOILET EXHAUST FAN SHALL BE EQUAL TO BROAN (#696N) 50-CFM 3.5 SONE CEILING MOUNT, CONTROLLED BY A SEPARATE WALL SWITCH THAN LIGHT. FLEX METAL DUCT EXHAUST TO ATMOSPHERE TERMINATED TO WALL CAP WITH FLAPPER AND INSECT
- (H5) UPFLOW NATURAL GAS HVAC SINGLE STAGE HEATING FURNACE SHALL BE EQUAL TO KELVINATOR, GIBSON, TRANE OR APPROVED EQUAL WITH HEATING CAPACITY OF 34,000 BTUH INPUT (2 AND 3 BEDROOM UNIT) 48,000 BTUH INPUT (4 AND 5 BEDROOM UNIT), WITH COMPATIBLE ADD-ON REFRIGERANT COOLING COIL AND CONDENSING UNIT WITH TOTAL COOLING CAPACITY OF 24,000 BTUH (2 AND 3 BEDROOM UNIT) 36,000 BTUH (4 AND 5 BEDROOM UNIT). MAKE FINAL GAS CONNECTIONS TO UNIT WITH AGA APPROVED GAS SHUT OFF VALVE. EXTEND GAS FLUE VENT AND CONNECT TO EXISTING FLUE THRU ROOF. UNIT SHALL BE WIRED 240/208/1/60, PROVIDE DISCONNECT IN HVAC CLOSET AS REQUIRED. VERIFY WIRING CAPACITY FROM DISCONNECT TO CONDENSING UNIT PRIOR TO CONSTRUCTION. PROVIDE NEW INSULATED REFRIGERANT LINE SETS.
- (H6) PROVIDE 4" DRYER EXHAUST APPROXIMATELY 72" AFF. PROVIDE ESCUTCHEON AROUND DUCT OPENING THRU WALL OR FINISH WALL AT PENETRATION. ROUTE 4" HARD DUCT (NO FLEX) EXHAUST IN FLOOR JOIST SPACE TO EXTERIOR WALL. INSTALL EXHAUST HOOD OUTLET WITH FLAPPER.

- (E1) REPLACE ELECTRICAL WALL RECEPTACLE IN LIKE KIND (IVORY COLOR). REPLACE COVER PLATE WITH STANDARD 3-1/2 x 5-1/4 IVORY COLOR. KITCHEN RECEPTACLES
- REPLACE WALL SWITCH(ES) IN LIKE KIND (IVORY COLOR). REPLACE WALL COVER PLATE WITH STANDARD 3-1/2 x 5-1/4 IVORY COLOR.
- (E3) REMOVE WALL TELEPHONE JACK AND COVER WITH SOLID IVORY PLATE.
- CABLE TV JACK AND COVER PLATE TO REMAIN. REINSTALL AT COMPLETION OF WALL FINISH.
- E5 PROVIDE NEW BLANK COVER PLATE.
- INSTALL NEW CEILING LIGHT FIXTURE EQUAL TO 11" DIAMETER, FLUSH MOUNT, 60 WATT LED, OIL RUBBED BRONZE, COMMERCIAL ELECTRIC MODEL HUI8011L-2 / ORB. CEILING LIGHT FIXTURE IN FIRST FLOOR HALLWAY IN THE PATH OF DOOR SWING SHALL BE LOW PROFILE LED EQUAL TO SOODEELUX 12 INCH FLUSH MOUNT 4000K, 24W 2400LM LED FLAT PANELS MODERN ROUND, NON DIMMABLE (BLACK)
- INSTALL NEW WALL LIGHT FIXTURE EQUAL TO SUNPARK 23 W LED FIXTURE, MODEL FL2103D, SATIN NICKEL FINISH.
- $\langle E8 \rangle$ MAKE FINAL CONNECTIONS TO STOVE VENT HOOD.
- (E9) MAKE FINAL ELECTRICAL CONNECTIONS TO STOVE.
- (E10) REPLACE EXISTING CIRCUIT BREAKER PANEL WITH A 100-AMP UL LISTED PANEL EQUAL TO GE POWERMARK GOLD LOAD CENTER 120 / 240 VAC. PULL (3) #2 AWG, (1) #8 AWG GROUND CONDUCTOR, INSIDE 1-1/4" CONDUIT.
- (E11) HARD WIRE ELECTRICAL POWER TO WATER HEATER WITH DISCONNECT.
- (E12) RECONNECT ELECTRICAL POWER TO GAS-FIRED HVAC EQUIPMENT WITH DISCONNECT.
- \langle E13angle INSTALL 240V/1/60 CONNECTION FOR CLOTHES DRYER AT MINIMUM 72" AFF. COORDINATE WITH OWNER FOR STACKABLE WASHER/DRYER TO BE INSTALLED BY OWNER.

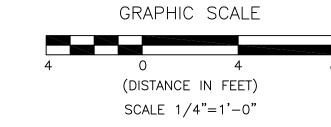




FIRST FLOOR

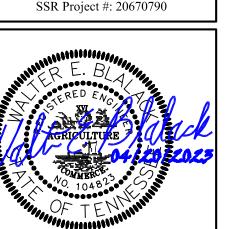
SECOND FLOOR

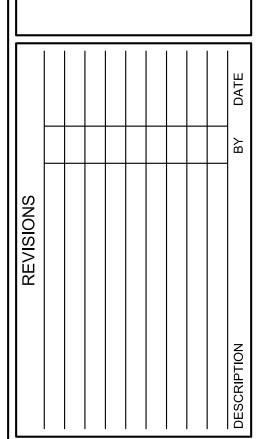
1406 FAIRVIEW STREET, UNIT #1



PLUMBING FIXTURE SCHEDULE				
<u>LABEL</u>	<u>DESCRIPTION</u>	<u>DESCRIPTION</u>		
P-1	WATER CLOSET	FLOOR MOUNTED FLUSH TANK, 2 PIECE ELONGATED BOWL, 1.28 GPF SINGLE FLUSH, SIPHON JET ACTION, WHITE VITREOUS CHINA, EQUAL TO GERBER WS-21-112 MAXWELL SE HET (PROVIDE HANDICAP MODEL AS REQUIRED FOR ADA DWELLING UNIT). REPLACE FLOOR FLANGE. PROVIDE NEW BEESWAX COLLAR SEAL, ANCHOR BOLTS WITH CHINA CAPS, AND SUPPLY STOP. PROVIDE NEW ELONGATED CLOSED SEAT AND SOLID TOP LID EQUAL TO GERBER 99-213 SOFT-CLOSE.		
P-2	VANITY / LAVITORY	CHELSEA 26Wx36Hx18D BATHROOM VANITY IN COGNAC WITH WHITE PROCELAIN VANITY TOP WITH WHITE SINK EQUAL TO GLACIER BAY CH24P2-CG/206925833. PROVIDE SINGLE LEVER FAUCET EQUAL TO DELTA 1.2 GPM FAUCET B510LF-PPU-ECO, CRAFT 3/8" SUPPLY STOPS, 1-1/4" PVC TRAP. PROVIDE ESCUTCHEON PLATES AT WALL PENETRATIONS.		
P-3	TWO COMPARTMENT SINK	COUNTERTOP DROP-IN 18 GA. 304 STAINLESS STEEL WITH NO. 4 FINISH, WITH 3-HOLE PUNCH EQUAL TO DAYTON D23319, TAIL PIECE AND CUP STRAINER. DUAL LEVER FAUCET WITH CAST SPOUT EQUAL TO UNION BRASS 80C (PROVIDE WRIST BLADE HANDLES FOR ADA UNITS). CRAFT 3/8" ANGLE SUPPLY STOPS AND 1-1/2" PVC TRAP. PROVIDE ESCUTCHEON PLATES AT WALL PENETRATIONS.		
P-4	TUB / SHOWER	ONE PIECE SEAMLESS TUB ASME A112.19.1 COMPLIANT PORCELAIN ENAMEL STEEL 60"X30"X14\frac{1}{4}", ASTM F 462 SLIP RESISTANT EQUAL TO BOOTZ ALOHA. TUB / SHOWER TRIM ASSEMBLY EQUAL TO DELTA T13H223 SHOWER HEAD, BLADE HANDLE VALVE, TUB SPOUT WITH DIVERTER AND LEVER HANDLE STOPPER.		
P-5	WASHING MACHINE BOX	REVERSIBLE 20 GA METAL WASHING MACHINE OUTLET BOX WITH 1/4 TURN BRASS HOT AND COLD SHUT OFF VALVES AND 2" DRAIN OUTLET EQUAL TO OATLEY 3800 SERIES.		
NOTE TO ALL PLUMBING FIXTURES		MAKE FINAL CONNECTIONS TO EXISTING WASTE AND WATER ROUGH-INS. FIXTURES SHALL BE WATER SENSE CERTIFIED.		
		PLUMBING FIXTURES CALLED FOR BY NAME REPRESENT A STANDARD OF QUALITY BY WHICH PRODUCTS ARE TO BE FURNISHED. FIXTURES MEETING OR EXCEEDING THE STANDARD OF QUALITY AND PERFORMANCE BY THE MODEL NUMBER SPECIFIED MAY BE SUBMITTED FOR APPROVAL.		

Suite 3200 Memphis, TN 38118 (901) 683-3900 FAX: (901) 683-3990 www.ssr-inc.com





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CHECKED BY

MONTGOMERY PLAZA 1406 FAIRVIEW ST UNIT 1 (4 BEDROOM)

> 4/20/2023 PROJECT STATUS **BID DOCUMENT**

BID FORM

Memphis Housing Authority 700 Adams Avenue Memphis, Tennessee 38105

RE: Renovation, Improvements and Repairs to Seven [7] Montgomery Plaza Dwelling Units, Memphis, TN

To all prospective bidders:

The undersigned have familiarized himself/herself/themselves with the local conditions affecting the cost of the work, and with the Contract Documents which are on file in the office of the Memphis Housing Authority, hereby proposes to furnish all labor, materials, equipment and services required to undertake the above referenced project in accordance with the Contract Documents. Please note: MHA reserves the right to not award a contract for this solicitation. MHA also reserves the right to award the contract in its entirety or partially to one or more bidders.

Having become completely familiar with local conditions affecting the cost of work at the place where work is to be executed, and having carefully examined the specifications for such work and other related "Contract Documents" entitled Solicitation # CI 23 B 00659: Renovation, Improvements and Repairs to Five [5] Montgomery Plaza Dwelling Units, Memphis, TN the undersigned hereby proposes and agrees to provide all services, labor, and materials required by them to execute all of the work described by the aforementioned documents for a lump sum price.

ALLOWANCES: All unused allowances shall be deducted from the contract value at the end of the project. Work performed without authorization from the owner will not be acknowledged as extra work. Therefore, a change request for such work will not be considered. Instructions and specificied materials in the Construction Documents shall be applicable toward all authorized allowance work. All allowances shall include general conditions, bonds, permits, overhead profit, all direct and indirect costs, etc. The Contractor is to include a \$50,000.00 (fifty thousand dollar) General Allowance amount in the Base Bid for construction services for unforeseen conditions not covered in the Contract Documents.

<u>UNIT PRICES:</u> The unit price is an amount proposed by bidders, as per unit price per unit of measurement for materials or services added to or deducted from the Contract Sum by appropriate modification, if the estimated quantities of Work required by the Contract Documents increased or decreased. Unit costs shall include all direct and indirect costs necessary to complete the unit of work. Therefore, if necessary, to complete the work, the unit cost shall include, but is not limited to; labor, material, equipment, supervision, GC&P, permitting fees, removal of unwanted materials and transportation.

<u>BASE BID:</u> Renovation, Improvements and Repairs for MHA Public Housing Units – (See project manual and construction drawings for the detailed scope of work.) including but not limited to removal and replacement of kitchen and bathroom plumbing fixtures and components, vent hoods, cabinets, flooring and subflooring, drywall, ceramic tile, lighting installation, electrical upgrades, mechanical and plumbing upgrades, doors and windows, HVAC diffusers, exterior concrete, etc. All costs shall include all direct and indirect costs, general conditions, profit, bonds and permits.

Montgomery Plaza Addresses:				
General Conditions, Overhead and Profit: \$				
2. General Allowance: \$ 50,000				
3. Mobilization: \$				
4. 1409 Tumberland, Unit 1 (2 Bedroom Unit): \$				
5. 1409 Tumberlad, Unit 2 (2 Bedroom Unit): \$				
6. 1411 Tumberland, Unit 1 (2 Bedroom Unit): \$				
7. 1421 Tumberland, Unit 1 (3 Bedroom Unit): \$				
8. 61 West Olive, Unit 2 (2 Bedroom Unit): \$				
9. 169 Rowe, Unit 1 (5 Bedroom Unit): \$				
10. 1406 Fairveiw Unit 1 (4 Bedroom Unit): \$				
BASE BID TOTAL:				
\$				
(Sum of General Conditions, General Allowance, Mobilization and Dwelling Units)				
Bid Guarantee in the sum of dollars				
(\$)				
in the form of				
is submitted herewith in accordance with the Instructions to Bidders.				

The undersigned acknowledges the receipt of the following this bid.	ing Addenda and has included them in
NOTICE TO PROCEED The undersigned agrees to commence actual work on the within seven [7] business days of the date of "Notice to I	
CONSTRUCTION TIME The undersigned agrees to complete all of the work de Documents" by the time as listed below.	scribed by the aforementioned "Contract
BASE BID: Two Hundred Ten [210] consecutive cale Notice to Proceed.	endar days (Monday – Friday) from the
LIQUIDATED DAMAGES The undersigned agrees to pay, as liquidated damages, zero cents (\$300.00) per day for work per day per undafter completion date.	
PERFORMANCE & PAYMENT BOND For bids greater than \$25,000.00, upon receipt of a wr deliver performance & payment bond in accordance Bidders for Contracts, Public & Indian Housing Program	to HUD 5369 [10/02], "Instructions to
BID BOND For bids greater than \$25,000.00, the bid bond dollars [\$] is to be event of the Contract and bond are not executed with the delay and additional expense to the Owner, who is amount of this bid and the amount for which a contract The check shall be made payable to the Memphis Housing	ecome the property of the Owner in the e time set forth, as liquidated damages for is entitled to the difference between the et for the work is subsequently executed.
PAYMENT Payment at the lump sum price bid herein shall incl components within the plumbing chase wall per the sc herewith as appurtenant and incidental to these work ite said work.	ope of work. Additional items included
SUBMITTED BY: [Signature]	DATE:
NAME & TITLE:[Please print]	