MECHANICAL GENERAL NOTES (NOT ALL WILL BE APPLICABLE):

PROVIDE ALL WORK AND MATERIALS AS REQUIRED HEREIN AND ON THE DRAWINGS IN FULL ACCORDANCE WITH IMC AND IECC AND ALL OTHER ORDINANCES AND/OR REGULATIONS HAVING JURISDICTION OVER THIS WORK.

DRAWINGS ARE DIAGRAMMATIC AND INTENDED TO SHOW APPROXIMATE LOCATIONS UNLESS SPECIFICALLY DIMENSIONED. COORDINATE WITH THE OTHER TRADES TO AVOID INTERFERENCE. SHOULD MECHANICAL WORK BE INSTALLED WHICH INTERFERES WITH THE WORK OF OTHER CONTRACTORS, SUCH WORK SHALL BE CHANGED AT NO ADDITIONAL COST TO OWNER.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ANY FRAMING REVISIONS, EQUIPMENT LOCATION, ADDITION OF CONTROLS, ELECTRICAL CIRCUITING REVISIONS, ETC., THAT ARE A RESULT OF USING EQUIPMENT OTHER THAN THOSE INDICATED ON THE DRAWINGS. APPROVAL OF THE SHOP DRAWINGS BY THE ARCHITECT/ENGINEER WILL NOT WAIVE THE CONTRACTOR OF RESPONSIBILITY

ALL EQUIPMENT, MATERIALS, AND WORKMANSHIP TO BE WARRANTED FOR ONE YEAR FROM DATE OF FINAL ACCEPTANCE OF THIS WORK.

CONTRACTOR SHALL PROVIDE AND INSTALL ALL EQUIPMENT AS SHOWN ON PLANS. IT IS THE CONTRACTORS RESPONSIBILITY TO PROVIDE ALL NECESSARY ADJUSTMENTS, CALIBRATION AND MATERIAL AS REQUIRED SO THAT THE SYSTEM IS FULLY OPERATIONAL

THE MECHANICAL CONTRACTOR SHALL HAVE THE FINAL RESPONSIBILITY FOR SYSTEM START UP AND TURN OVER TO THE OWNER.

WORK PLANS TO BE CONSIDERED AS DIAGRAMMATIC AND REFLECT A MINIMUM ACCEPTABLE STANDARD. ALL WORK SHALL CONFORM TO THE LOCAL CODE.

ALL GAS FIRED EQUIPMENT SHALL BE NATURAL GAS.

REFRIGERANT PIPING AND SIZES SHALL BE SIZED BY EQUIPMENT MANUFACTURER AND INSTALLED BY CONTRACTOR.

ALL MECHANICAL PENETRATIONS THROUGH THE ROOF SHALL BE MADE WATER TIGHT WITH THE ROOF BY PROPER FLASHING. ROOF FLASHING BY ROOF CONTRACTOR.

WHEN INSTALLING ANY MECHANICAL EQUIPMENT, G.C. SHALL PROPERLY SHORE, BRACE, SUPPORT, ETC., ANY CONSTRUCTION TO GUARD AGAINST CRACKING, SETTLING, COLLAPSING, DISPLACING OR WEAKENING. NO STRUCTURAL MEMBER SHALL BE CUT WITHOUT THE WRITTEN CONSENT OF

ALL AC EQUIPMENT SHALL USE ALTERNATIVE REFRIGERANT TO R-22, R-410A.

INSTALL AND SIZE REFRIGERANT PIPING PER MFR. INSTRUCTIONS. ROUTE REFRIGERANT PIPING OUT OF SITE TO ASSOCIATED AIR HANDLER.

ALL RECTANGULAR 90 DEGREE ELBOWS AND TEE'S SHALL BE EQUIPPED WITH SINGLE THICKNESS TURNING VANES MOUNTED TO A PREFABRICATED

REGISTERS, GRILLES AND DIFFUSERS SHALL BE THE SIZE, TYPE AND FINISH SHOWN ON THE EQUIPMENT SCHEDULE. LOCATIONS SHOWN ON PLANS ARE APPROXIMATE. CONTRACTOR SHALL MAKE ADJUSTMENTS AS NECESSARY TO FIT CONSTRUCTION.

ALL DUCTWORK SHALL BE SUPPORTED FROM ROOF OR FLOOR STRUCTURE ABOVE. DUCTWORK SHALL NOT LAY ON TOP OF CEILING OR LIGHT FIXTURES.

FLEXIBLE DUCT RUN OUTS TO AIR DEVICES SHALL NOT EXCEED 8'-0" IN LENGTH.

FLEXIBLE DUCTS SHALL BE INSTALLED TO PROVIDE SWEEPING CONFIGURATIONS WITH NOT LESS THAN MANUFACTURER'S RECOMMENDED BEND RADIUS. FLAT BANDING MATERIAL NOT LESS THAN 1-1/2" WIDE SHALL BE USED TO SUSPEND FLEXIBLE DUCTS. DUCTING FURNISHED WITH FACTORY INSTALLED GROMMETS SHALL BE SUSPENDED BY WIRE ATTACHED TO GROMMETS.

ALL DEVICES IN RATED DRYWALL CEILINGS SHALL HAVE INTEGRAL FIRE / RADIATION DAMPERS.

TRANSITION DUCT WHERE REQUIRED TO NECK SIZE ON AIR DEVICE.

AIR CONDITIONING AND VENTILATION SYSTEMS SHALL BE INSTALLED AS REQUIRED BY THE NATIONAL FIRE PROTECTION ASSOCIATION STANDARD

INSTALL THERMOSTATS 48" ABOVE FINISHED FLOOR. THERMOSTAT WIRING BY HVAC CONTRACTOR.

DUCTWORK SHALL BE FABRICATED AND SUPPORTED PER SMACNA STANDARDS. TRANSITIONS SHALL BE MADE PER SMACNA STANDARDS.

ALL RECTANGULAR SUPPLY AND RETURN AIR DUCTWORK IN ATTIC SHALL BE INSULATED WITH 2' THICK FIBERGLASS WRAP INSULATION.

ALL RECTANGULAR SUPPLY AND RETURN AIR DUCTWORK BELOW ATTIC SHALL HAVE 1" THICK INTERNAL FIBERGLASS DUCT LINER.

WALL AND ROOF CAPS SHALL BE ALUMINUM, COLOR TO MATCH ADJACENT WALL OR ROOF. INLET TO CAP SHALL BE SAME SIZE AS DUCT SERVING.

GENERAL PLUMBING NOTES (NOT ALL WILL BE APPLICABLE)

CONTRACTOR TO FIELD VERIFY EXISTING UNDERGROUND PLUMBING SERVICE AND PROVIDE NEW UNDERGROUND PLUMBING SERVICE TO TIE INTO EXISTING SYSTEM AS REQUIRED FOR A COMPLETE AND OPERABLE PLUMBING SYSTEM.

PROVIDE ALL LABOR, MATERIAL, AND EQUIPMENT REQUIRED FOR THE COMPLETION AND OPERATION OF ALL PLUMBING SYSTEMS IN ACCORDANCE WITH ALL APPLICABLE CODES.

CONTRACTOR SHALL PROVIDE ALL CUTTING, PATCHING AND PAINTING NECESSARY FOR

PROVIDE 1-YEAR LABOR AND MATERIAL WARRANTY COMMENCING AT SUBSTANTIAL COMPLETION OF JOB.

WATER PIPING SHALL BE TYPE L HARD COPPER WITH 1/2" ARMAFLEX

WASTE AND VENT PIPING SHALL BE SCH. 40 PVC-DWV.

BELOW EACH LAVATORY.

PROVIDE 0.5 GPM THERMOSTATIC TEMPERING VALVE ON HOT WATER FIXTURE SUPPLY

ALL MATERIALS SHALL BE NEW AND SHALL FIT THE SPACE AVAILABLE. VERIFY DIMENSIONS AT SITE.

ALL FIXTURES SHALL BE COMPLETE AND INCLUDE SUPPLIES, STOPS, VALVES, FAUCETS, DRAINS, TRAPS, TAIL PIECES, ESCUTCHEONS, ETC. TRAPS FOR ALL LAVATORIES SHALL BE REMOVABLE. LOCATE VALVES IN A READILY ACCESSIBLE LOCATION.

ALL PIPING, APPARATUS, EQUIPMENT, ETC. SHALL BE PROPERLY SUPPORTED, BRACED VERTICALLY AND HORIZONTALLY IN ACCORDANCE WITH APPLICABLE CODES.

ALL VALVES, CLEANOUTS, ETC., SHALL BE LOCATED AND INSTALLED TO PERMIT ACCESS FOR SERVICE WITHOUT DAMAGE TO BUILDING OR FINISHED MATERIALS. PROVIDE CLEANOUTS ON ALL ACCESSIBLE TRAPS.

STERILIZE DOMESTIC WATER PIPING IN ACCORDANCE WITH APPLICABLE CODES.

ALL WATER PIPING SHALL BE INSULATED AND SHALL NOT BE RUN IN AREAS SUBJECT TO FREEZING TEMPERATURES. PROVIDE WATER HAMMER ARRESTERS AND VACUUM BREAKERS AS REQUIRED BY CODE.

CODE INCLUDING LOCAL CODES.

NON-YELLOWING, MILDEW RESISTANT SILICONE AND IN A COLOR TO MATCH THE PLUMBING FIXTURE.

PLUMBING MUST MEET OR EXCEED THE REQUIREMENTS OF: TITLE 77: PUBLIC HEALTH CHAPTER I: DEPARTMENT OF PUBLIC HEALTH SUBCHAPTER r: WATER AND SEWAGE PART 890 ILLINOIS PLUMBING CODE

ELECTRICAL GENERAL NOTES (NOT ALL WILL BE APPLICABLE)

ALL LIGHTING FIXTURES SHALL BE RATED FOR BUILDING SYSTEM VOLTAGE. CONTRACTOR MUST VERIFY ALL LOCATIONS, FURNISH AND INSTALL EACH LIGHTING FIXTURE WITH INSTALLATION AND HANGING HARDWARE AS REQUIRED FOR A COMPLETE AND FINISHED INSTALLATION.

ALL FIXTURES SHALL BE "U.L." LABELED. ALL LIGHTING FIXTURES EXPOSED TO WEATHER OR MOISTURE SHALL BEAR U.L. "WET LOCATION" LABEL, AND LIGHTING FIXTURES EXPOSED TO DAMPNESS SHALL BEAR U.L. "DAMP LOCATION" LABEL.

ALL EXIT SIGNS SHALL BE INSTALLED COMPLETE WITH ALL INSTALLATION AND HANGING ACCESSORIES TO PROVIDE AN UNOBSTRUCTED VIEW OF EACH SIGN FACE AS REQUIRED. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION AND LOCATION OF ALL EXIT SIGNS WITH LOCAL AUTHORITIES. MOUNT SIGNS AT MAXIMUM 8'-0" IN HIGH CEILING AREA.

ALL EXIT SIGNS AND BATTERY EMERGENCY UNITS MUST BE APPROVED BY LOCAL CODE, AND MAINTAIN A MINIMUM OF 90 MINUTES OF CONTINUOUS ILLUMINATION.

ELECTRICAL CONTRACTOR SHALL VERIFY TOTAL CONNECTED LOADS AND HORSE POWER WITH OTHER TRADES CONTRACTORS PRIOR TO WIRING OF ALL EQUIPMENT.

CONTRACTOR SHALL VERIFY ALL EQUIPMENT LOCATIONS WITH OWNER PRIOR TO MAKING THE ACTUAL ELECTRICAL INSTALLATION.

ALL ELECTRICAL CONDUITS ALONG WALLS SHALL BE DROPPED DIRECTLY FROM CEILING OVERHEAD DOWN TO DEVICE BELOW. HORIZONTAL CONDUIT WALL RUNS TO BE LIMITED ONLY AS REQUIRED.

ALL WIRING SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE "NEC" AND LOCAL CODE AUTHORITIES HAVING JURISDICTION.

CONTRACTOR TO WIRE ALL HVAC CONTROL DEVICES AND COORDINATE WITH OTHERS.

GENERAL DEMOLITION NOTES

The extent of demolition work is shown on the drawings and generally includes 2. Removal of existing walls, ceiling finishes, doors, frames, structure, concrete, sub-grade structures, equipment and other items indicated.

3. Disconnecting and removing any existing utilities or services required. 4. Removal of all debris.

General Contractor shall do all demolition, cutting, patching, removal of walls, wall facings, etc. indicated, specified or both. It shall be the general contractor's responsibility to examine all drawings and to become personally familiar with the requirements of all trades as to the extent work. Do not proceed until written instructions are obtained. of the cutting and patching that will be necessary in all areas in addition to those shown on the architectural plans.

It shall be the general contractor's responsibility to personally visit the site to determine the locations and extent of existing partitions, walls, built-in items, nature of existing materials, finishes, and other conditions affecting the work.

In general, all necessary cutting & patching shall be done by the general contractor. All areas shall be patched with the same material as removed or with new materials indicated. Finishes shall be verified by the Contractor at job site.

Provide temporary partition barriers to prohibit public entering areas to be remodeled.

Maintain all required fire exits and lanes, erect and maintain barriers, fences, rails, guards, lighting, etc. as required by federal, state and local laws and regulations to protect personnel and to ensure safety for the public.

The general contractor shall exercise care to protect the existing building from damage, and shall replace and repair at no additional cost to the Owner, damage that he may cause.

Take precautions to guard against movement or settlement; provide bracing or shoring as necessary; be responsible for safety, support of existing structure; be liable for any such movement or settlement, any damage or injury caused thereby or resulting therefrom.

Any damage to lawns, shrubbery, curbs, drives, walks, etc., shall be restored to their origina

When encountered in work or as indicated, protect existing active utility services, where required for proper execution of work, relocate them as directed.

If existing, active services are not indicated but are encountered, require protection or relocating, request from Owner in writing for determination and decisions prior to continuing

Coordinate and schedule with Owner to provide for minimum inconvenience and disturbance

Dust control must be provided for removal of existing work, equipment, items, etc. for the project in general. Dust control shall be designed to prevent dust from spreading into existing areas, services, or facilities. Contractor shall determine his own method of dust control and be

Unless otherwise specifically approved, use only new and solid lumber of utility grade or better

Any salvageable items shall remain the property of the Owner.

All debris, waste and excessive materials shall be removed from the building and job site as it accumulates and be legally disposed of.

Remove all tools, materials, structures, and equipment after each demolition operation is

ELECTRICAL PANEL TO BE LABELED CORRECTLY WITH LEGIBLE PRINT.

ALL RECEPTACLES WITHIN 6 FT. OF A SINK SHALL BE GFI PROTECTED.

LIGHTS, LIGHT SWITCHES AND RECEPTACLE LOCATIONS NOTED ON

BUILDING TO BE CLEANED OF DEBRIS AT ROUGH-IN AND TRIM-OUT.

ALL FURNACES TO HAVE DISCONNECTS AT LOCATIONS REQUIRED BY

ALL SMOKE DETECTORS TO BE PLACED EVERY 30 FT. IN COMMON

ALL OUTLETS TO BE SET AT 20" TO BOTTOM OF BOX ABOVE FLOOR.

ALL HVAC EQUIPMENT MUST HAVE AN OUTLET WITHIN 25 FT. FOR

ALL RECEPTACLES IN DAMP AND/OR WET LOCATIONS SHALL BE

ALL LIGHTING IN ELECTRICAL EQUIPMENT WORK SPACES SHALL NOT BE

ALL PIPES 3" OR GREATER PENETRATING WALL TOP PLATES MUST RUN

THROUGH A METAL SLEEVE. SLEEVE TO GO FROM TOP OF WALL CAVITY

AREAS OR PER FIRE ALARM CODE.

ALL BREAKERS IN PANELS TO BE LABELED.

CONTROLLED BY AUTOMATIC MEANS ONLY.

SERVICING.

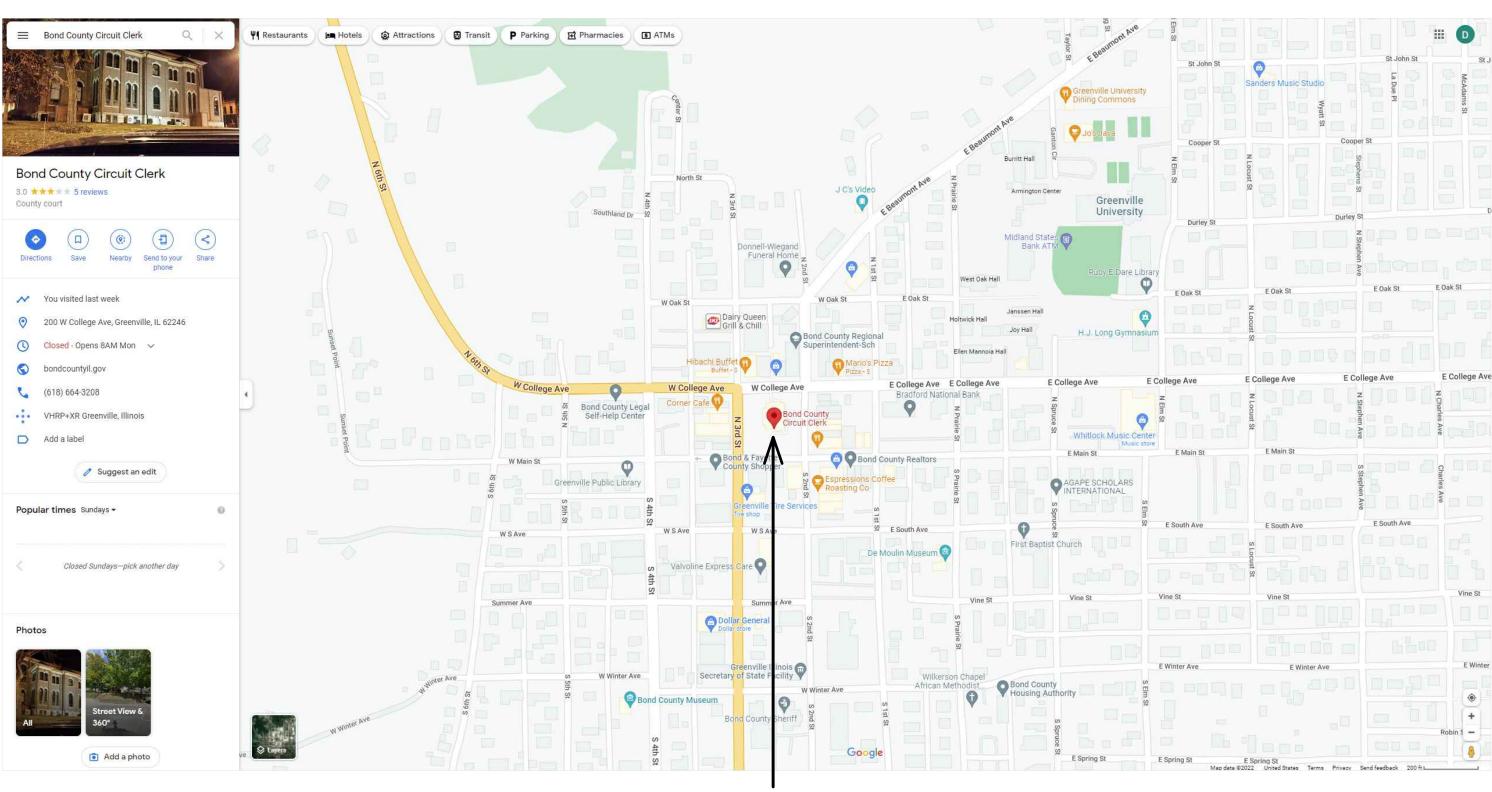
WEATHER RESISTANT.

ALL OUTDOOR RECEPTACLES TO HAVE "WET LOCATION - IN USE"

ALL PLUMBING FIXTURES MUST BE VENTED IN ACCORDANCE WITH APPLICABLE PLUMBING

CAULK AROUND ALL PLUMBING FIXTURES INSTALLED. CAULK SHALL BE NON-HARDENING

BOND COUNTY COURTHOUSE - 200 WEST COLLEGE AVENUE, GREENVILLE, ILLINOIS 62246 RESTROOMS / LACTATION ROOM - INTERIOR FINISHES & PLUMBING FIXTURE IMPROVEMENTS

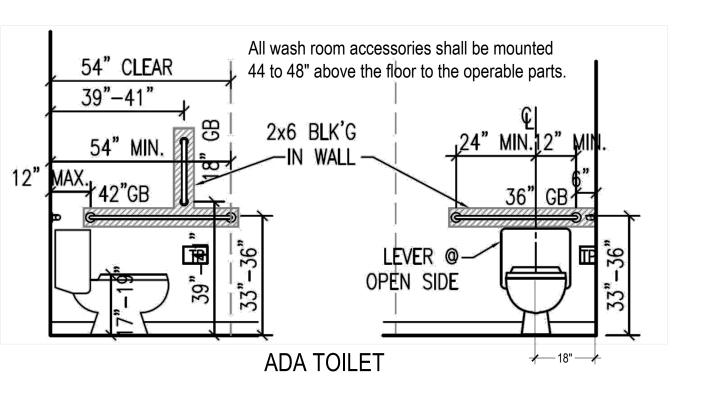


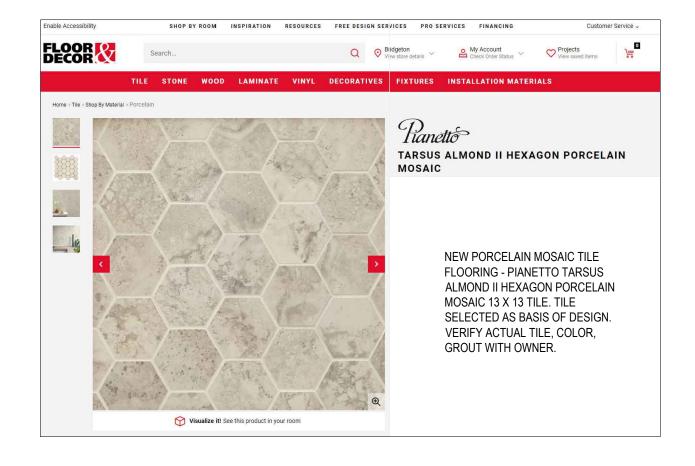
PROJECT LOCATION MAP: BOND COUNTY COURTHOUSE - 200 WEST COLLEGE AVENUE, GREENVILLE, ILLINOIS 62246

ADA RESTROOM SIGNAGE



MULTI-USER RESTROOMS USE GENDER SPECIFIC SIGNAGE. SINGLE-USER RESTROOMS USE NON-GENDER SPECIFIC SIGNAGE





FOR BIDDING QUESTIONS OR TO SCHEDULE PRE-BID SITE VISITS OWNER REPRESENTATIVE CONTACT INFORMATION: Bond County Public Building Commision Rex Catron Email: rcatron@me.com Phone: 618-420-6000

Greenville, IL Adopted building codes: 2015 International Building Code 2015 International Residential Code 2015 International Fire Code 2015 International Existing Building Code 2015 International Property Maintenance Code 2015 International Fuel Gas Code 2015 International Mechanical Code 2015 International Plumbing Code 2015 International Swimming Pool and Spa Code 2015 International Zoning Code 2014 NFPA 70 – National Electrical Code In addition, the City has the responsibility to enforce the following State-required codes and statutes: 2015 Illinois Energy Conservation Code (Illinois Dept. of Commerce and Equal Opportunity) Current Illinois Plumbing Code (Illinois Dept. of Public Health) Current Illinois Accessibility Code (Illinois Capital Development Board) 2000 NFPA 101 Life Safety Code (State Fire Marshal) STATEMENT OF COMPLIANCE

I have prepared, or caused to be prepared under my direct supervision, the attached plans and specifications and state that, to the best of my knowledge and belief and to the extent of my contractual obligation, they are in compliance with the Environmental Barriers Act (410 ILCS 25) and the Illinois Accessibility Code (71 III. Adm. Code 400).

Illinois Registration No.: 001-018457 Date: 06/01/22

INDEX OF SHEETS

A0 COVER SHEET / NOTES A1 1ST FLOOR MAIN RESTROOMS BY FRONT ENTRY

A2 1ST FLOOR LACTATION ROOM A3 2ND FLOOR JUDGE'S RESTROOM

A4 2ND FLOOR COURTROOM RESTROOMS

NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME COVER SHEET / NOTES PRO. NO.: 2223



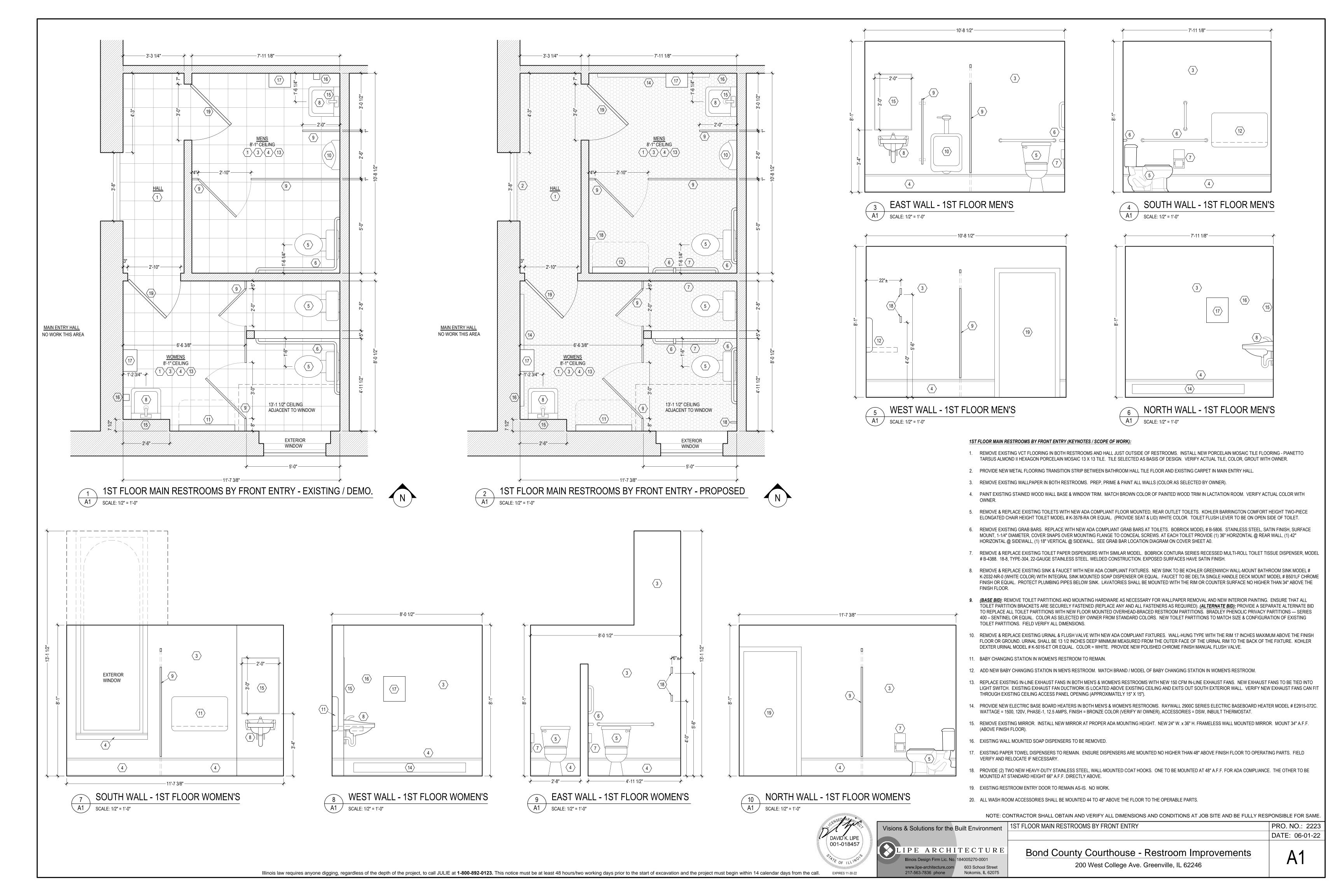
DAVID K. LIPE

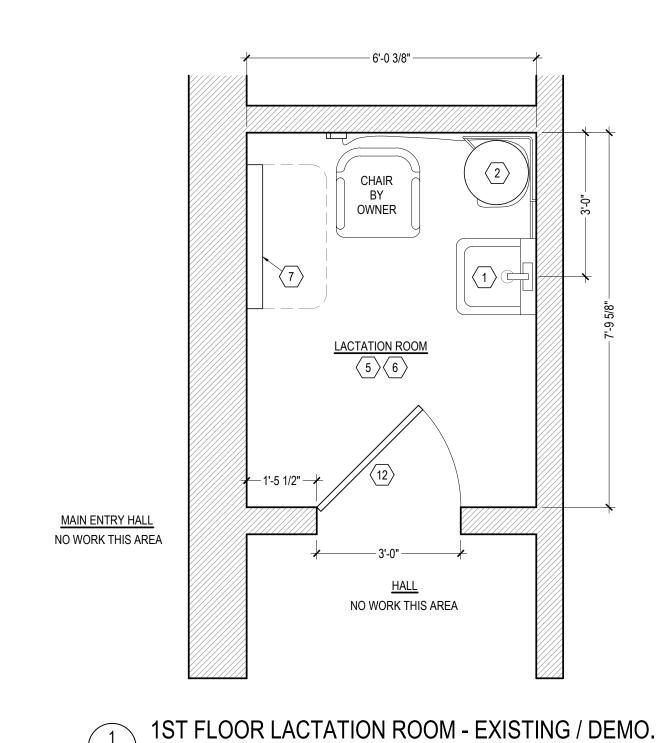
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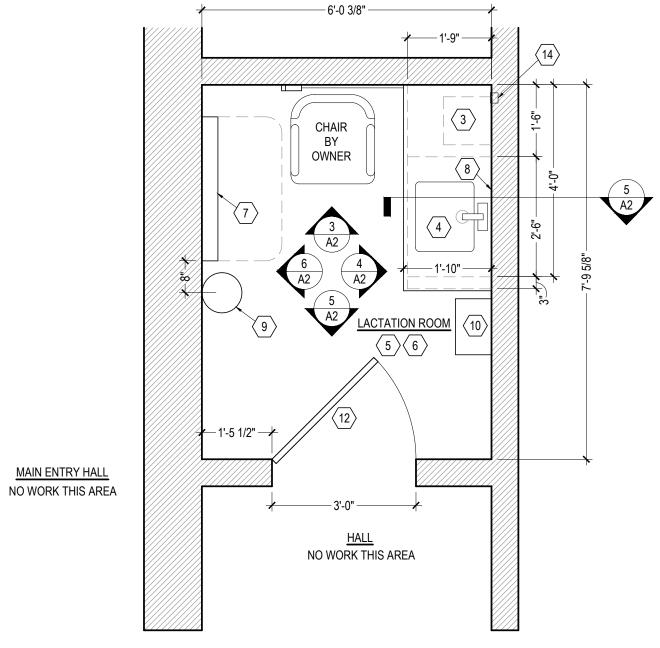
200 West College Ave. Greenville, IL 62246

Bond County Courthouse - Restroom Improvements

DATE: 06-01-22









1ST FLOOR LACTATION ROOM (KEYNOTES / SCOPE OF WORK):

1. REMOVE EXISTING SINK & FAUCET.

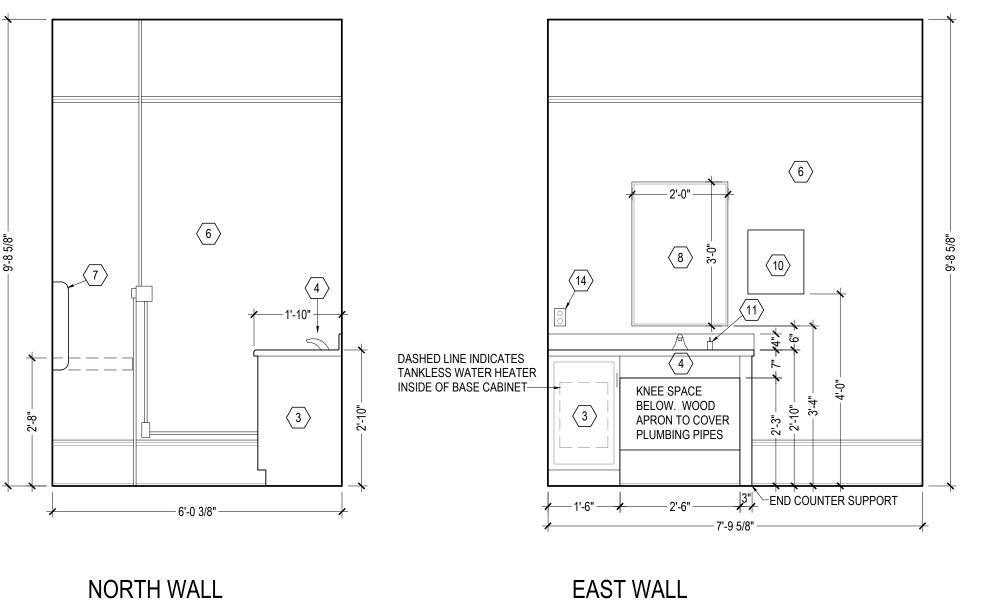
A2 SCALE: 1/2" = 1'-0"

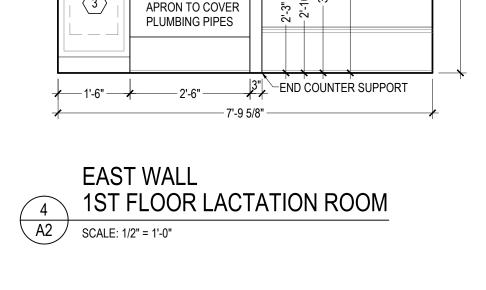
- 2. REMOVE SMALL TANK TYPE WATER HEATER & PIPING.
- 3. INSTALL NEW STAINED WOOD BASE CABINET WITH SMALL ELECTRIC POINT-OF-USE TANKLESS WATER HEATER INSIDE OF CABINET. WATER HEATER TO BE ELECTRICALLY HARDWIRED VIA METAL CONDUIT. SEE DETAIL DRAWING 7/A2. BASE CABINET WOOD STAIN COLOR AS SELECTED BY OWNER. SEE SPECIFICATION SHEET FOR WATER HEATER INFO. PLUMBING CONTRACTOR TO SELECT WATER HEATER SIZE.
- 4. INSTALL NEW ADA COMPLIANT COUNTER SINK & FAUCET WITH KNEE SPACE BELOW WITH WOOD APRON TO COVER PLUMBING PIPES. COUNTER TO BE PLASTIC LAMINATE WITH BACKSPLASH (COLOR AS SELECTED BY OWNER). FAUCET TO BE DELTA SINGLE HANDLE DECK MOUNT MODEL # B501LF CHROME FINISH OR EQUAL. SINK TO BE ADA COMPLIANT DROP-IN VITREOUS CHINA BATHROOM SINK IN WHITE WITH OVERFLOW DRAIN. LAVATORIES SHALL BE MOUNTED WITH THE RIM OR COUNTER SURFACE NO HIGHER THAN 34" ABOVE THE FINISH FLOOR.
- EXISTING CARPET TO REMAIN.
- 6. EXISTING WALLS & PAINT TO REMAIN AS-IS. TOUCH-UP PAINT AS NECESSARY FOR REMOVAL & INSTALLATION OF SINK AND CABINETS.
- 7. EXISTING BABY CHANGING STATION TO REMAIN.
- 8. NEW 24" W. x 36" H. FRAMELESS WALL MOUNTED MIRROR. MOUNT 34" A.F.F. (ABOVE FINISH FLOOR).
- 9. INSTALL NEW STAINLESS STEEL WALL MOUNTED WET WIPE DISPENSER. GLOBAL INDUSTRIAL MODEL # 670239. MOUNT 40" A.F.F. TO TOP OF DISPENSER.
- 10. INSTALL NEW WALL MOUNTED PAPER TOWEL DISPENSER. MERFIN # 51060.
- 11. INSTALL NEW COUNTER MOUNTED SOAP DISPENSER. MOEN MODEL 3942 SERIES OR EQUAL.
- 12. EXISTING DOOR TO REMAIN AS-IS. NO WORK.
- 13. ALL WASH ROOM ACCESSORIES SHALL BE MOUNTED 44 TO 48" ABOVE THE FLOOR TO THE OPERABLE PARTS.

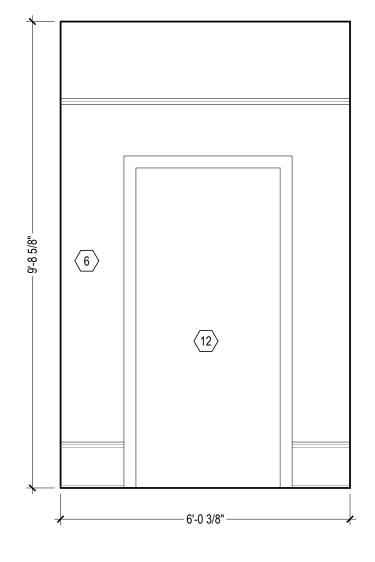
1ST FLOOR LACTATION ROOM

A2 SCALE: 1/2" = 1'-0"

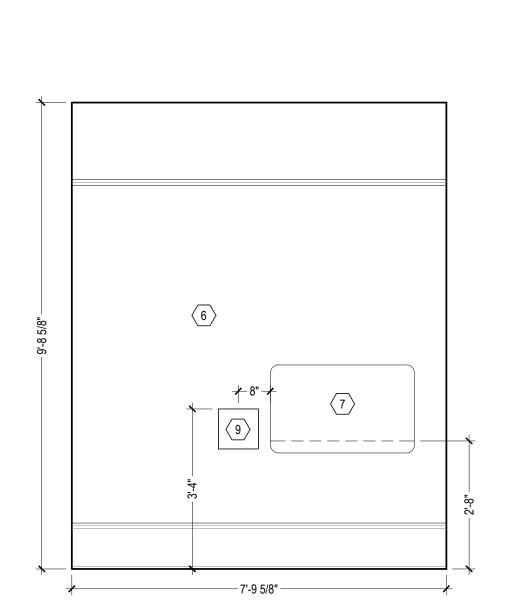
14. INSTALL NEW GFI PROTECTED WALL OUTLET ABOVE COUNTER.











COMMERCIAL AND RESIDENTIAL

AOSBE10000

POINT-OF-USE ELECTRIC WATER HEATERS
COMMERCIAL AND RESIDENTIAL

ELECTRIC TANKLESS

Prevents element failure due to dry fire

Temporary shutoff with excess air in

WIDE VARIETY OF KW AND VOLTAGE

OPTIONS FOR EVERY APPLICATION

120V, 208V, 240V, 277V options

Wall mount in vertical or horizontal

½" reducers included

CONTINUOUS HOT WATER

WHEN SIZED APPROPRIATELY

No venting required

EASY MAINTENANCE

• ¾" NPT water connections with two ¾" x

No T&P valve required (check local code)

No moving parts or screens to service

Standard immersion tank-type elements

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 Elements can be replaced without removing the unit from the wall

DRY-FIRE PROTECTION

Internal air bypass

2.4kW – 12kW

EASY INSTALL

position

COMMERCIAL AND RESIDENTIAL POINT-OF-USE

SCALE-REDUCTION TECHNOLOGY Reduces failures and service requirements

Power-sharing technology reduces scale

Dupont[™] Zytel[®] chambers naturally resist

SIZE ALLOWS FOR INSTALLATIONS

Meets current UBC and CEC National

Listed and tested to UL 499 Appliance

• Control tested to achieve temperature limit control requirements of UL 353 and

For complete information, consult the

written warranty or go to hotwater.com

5-YEAR LIMITED WARRANTY

and UL 834 Space Heating Standards

due to hard scale buildup

deposits on the element

WITH SPACE CONSTRAINTS

DETECTION SHUTDOWN

CODE COMPLIANCE

CSA C22.2

www.hotwater.com | 800-527-1953 Toll-Free USA | A. O. Smith Corporation | 500 Tennessee Waltz Parkway | Ashland City, TN 37015

SELF DIAGNOSTICS WITH LEAK

scale buildup



001-018457



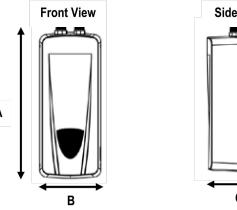
Model Number	Wattage (kW)	Voltage (V)	Amperage (A)	Recommended Breaker Size	Recommended Wire Size	UEF	Activation GPM	Dimensions (in)			Approx.
								Α	В	С	Shipping Weight (lbs)
RPVA-24K	2.4	120	20	1 x 20	12	0.6	0.25	16 5/8	6 1/2	7 3/16	8
RPVA-30K	3	120	25	1 x 25	10	0.6	0.25	16 5/8	6 1/2	7 3/16	8
RPVA-35K	3.5	120	29	1 x 30	10	0.6	0.25	16 5/8	6 1/2	7 3/16	8
RPVA-35E	3.5	240	15	1 x 15	14	0.6	0.25	16 5/8	6 1/2	7 3/16	8
RPVA-40X	4	208	19	1 x 20	12	0.6	0.25	16 5/8	6 1/2	7 3/16	8
RPVA-45E	4.5	240	19	1 x 20	12	0.6	0.25	16 5/8	6 1/2	7 3/16	8
RPVA-55E	5.5	240	23	1 x 25	10	0.6	0.25	16 5/8	6 1/2	7 3/16	8
RPVA-70E	7	240	29	1 x 30	10	0.6	0.25	16 5/8	6 1/2	7 3/16	8
RPVA-78X	7.8	208	38	1 x 40	8	0.6	0.25	16 5/8	6 1/2	7 3/16	8
RPVA-80E	8	240	33	1 x 40	8	0.6	0.25	16 5/8	6 1/2	7 3/16	8
RPVA-90E	9	240	38	1 x 40	8	0.6	0.25	16 5/8	6 1/2	7 3/16	8
RPVA-120E	12	240	50	1 x 50	6*	0.6	0.25	16 5/8	6 1/2	7 3/16	8
CPVA-30Y	3	277	11	1 x 15	14	0.6	0.25	16 5/8	6 1/2	7 3/16	8
CPVA-40Y	4	277	14	1 x 15	14	0.6	0.25	16 5/8	6 1/2	7 3/16	8
CPVA-60Y	6	277	21	1 x 25	10	0.6	0.25	16 5/8	6 1/2	7 3/16	8
CPVA-73Y	7.3	277	26	1 x 30	10	0.6	0.25	16 5/8	6 1/2	7 3/16	8
CPVA-90Y	9	277	32	1 x 40	8	0.6	0.25	16 5/8	6 1/2	7 3/16	8

GPM AT TEMPERATURE RISE													
	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°
2.4 kW	0.8	0.7	0.5	0.47	0.41	0.36	0.33	0.30					
3.0 kW	1.0	0.8	0.7	0.6	0.5	0.46	0.41	0.37	0.34	0.32			
3.5 kW	1.2	1.0	0.8	0.7	0.6	0.5	0.48	0.43	0.40	0.37	0.34	0.32	
4.0 kW	1.4	1.1	0.9	0.8	0.7	0.6	0.6	0.5	0.46	0.42	0.39	0.36	0.34
4.5 kW	1.5	1.2	1.0	0.9	0.8	0.7	0.6	0.6	0.5	0.47	0.44	0.41	0.38
5.5 kW	1.9	1.5	1.3	1.1	0.9	0.8	0.8	0.7	0.6	0.6	0.5	0.5	0.47
6 kW	2.0	1.6	1.4	1.2	1.0	1.0	0.8	0.8	0.7	0.6	0.6	0.5	0.5
7 kW	2.4	1.9	1.6	1.4	1.2	1.1	1.0	0.9	0.8	0.7	0.7	0.6	0.6
7.3 kW	2.5	2.0	1.6	1.4	1.2	1.1	1.0	0.9	0.8	0.7	0.7	0.6	0.6
7.8 kW	2.6	2.1	1.7	1.5	1.3	1.2	1.1	1.0	0.9	0.8	0.8	0.7	0.7
8 kW	2.7	2.2	1.8	1.6	1.4	1.2	1.1	1.0	0.9	0.8	0.8	0.7	0.7
9 kW	3.1	2.5	2.0	1.8	1.5	1.4	1.2	1.1	1.0	0.9	0.9	0.8	0.8
12 kW	4.1	3.3	2.7	2.3	2.0	1.8	1.6	1.5	1.4	1.3	1.2	1.1	1.0

Dimensions and specifications are subject to change without notice in accordance with our policy of continuous product improvement.

Factory set point is 105°F. This can easily be changed in the field as needed or desired.

* Maximum recommended wire size is #6 cu AWG.



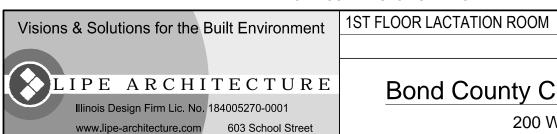
B	c	
, call 800-527-1953. A. O. Smith Corporation reserves the	e right to make product changes or improvemen	ts withou
All the control of		

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-KNEE SPACE BELOW. WOOD APRON TO COVER PLUMBING PIPES

LAVATORY SECTION **1ST FLOOR LACTATION ROOM** A2 | SCALE: 1/2" = 1'-0"

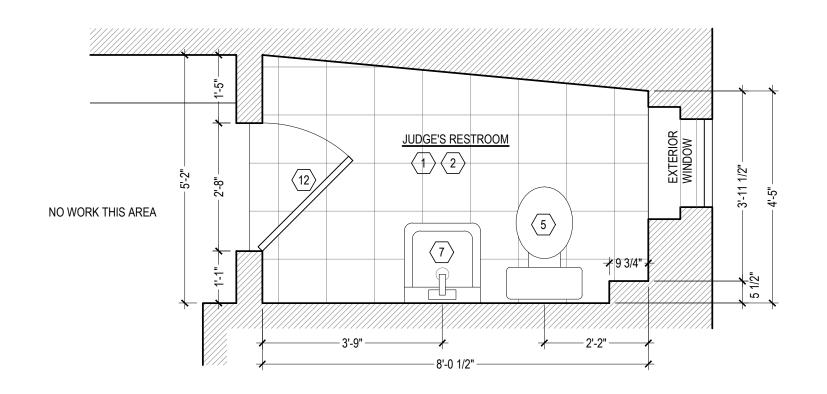
NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME



Nokomis, IL 62075

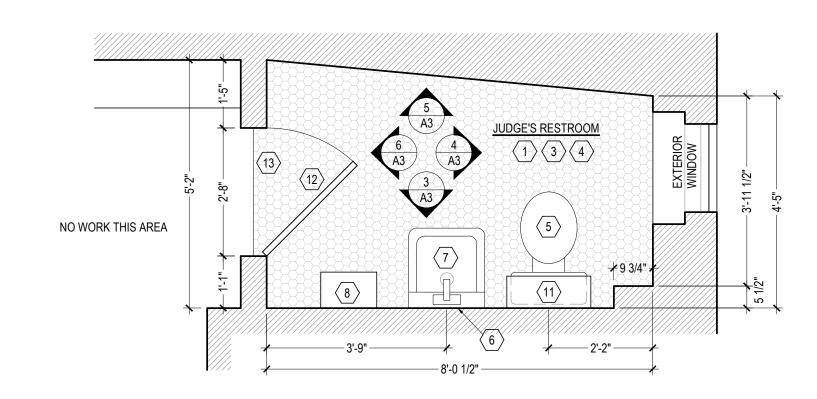
217-563-7836 phone

PRO. NO.: 2223 DATE: 06-01-22



2ND FLOOR JUDGE'S RESTROOM - EXISTING / DEMO.

A3 | SCALE: 1/2" = 1'-0"

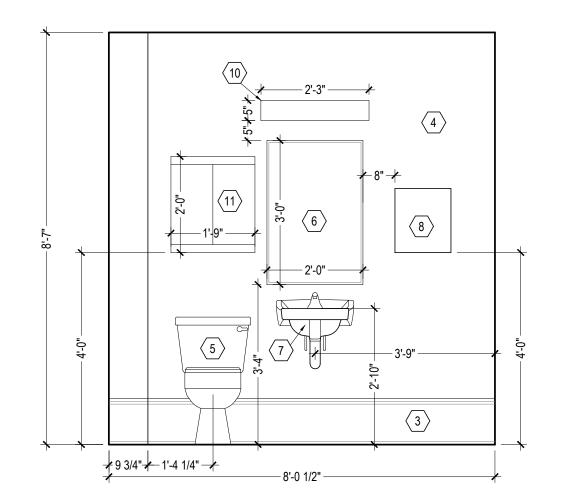


2 2ND FLOOR JUDGE'S RESTROOM - PROPOSED

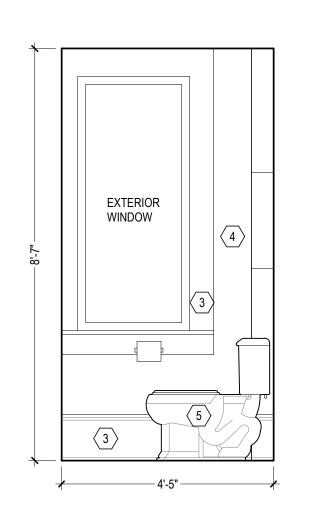


2ND FLOOR JUDGE'S RESTROOM (KEYNOTES / SCOPE OF WORK):

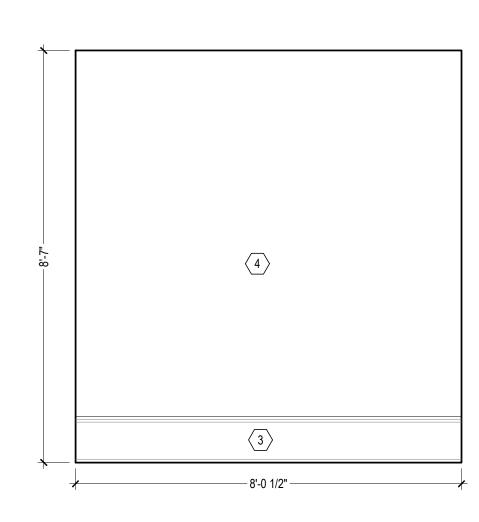
- 1. REMOVE EXISTING VCT FLOORING. INSTALL NEW PORCELAIN MOSAIC TILE FLOORING PIANETTO TARSUS ALMOND II HEXAGON PORCELAIN MOSAIC 13 X 13 TILE. TILE SELECTED AS BASIS OF DESIGN. VERIFY ACTUAL TILE, COLOR, GROUT WITH OWNER.
- 2. REMOVE VINYL WALL BASE. ALL 4 WALLS.
- 3. REPAINT EXISTING WOOD WALL BASE & WINDOW TRIM. MATCH EXISTING COLOR.
- 4. REPAINT EXISTING WALLS. COLOR AS SELECTED BY OWNER.
- 5. REMOVE TOILET AND REPLACE WITH NEW ADA COMPLIANT TOILET. PLUMBER TO INSPECT LACK OF WATER FLOW ISSUE AT TOILET AND REPORT ISSUE AND POSSIBLE SOLUTION TO OWNER FOR DECISION. NEW ADA COMPLIANT TOILET TO BE MANSFIELD 137-160 ALTO ELONGATED FRONT, SMART-HEIGHT, VITREOUS CHINA, TWO-PIECE TOILET OR EQUAL (PROVIDE SEAT & LID) WHITE COLOR.
- 6. NEW 24" W. x 36" H. FRAMELESS WALL MOUNTED MIRROR. MOUNT 34" A.F.F. (ABOVE FINISH FLOOR).
- 7. REMOVE & REPLACE EXISTING SINK & FAUCET WITH NEW ADA COMPLIANT FIXTURES. NEW SINK TO BE KOHLER GREENWICH WALL-MOUNT BATHROOM SINK MODEL # K-2032-NR-0 (WHITE COLOR) WITH INTEGRAL SINK MOUNTED SOAP DISPENSER OR EQUAL. FAUCET TO BE DELTA SINGLE HANDLE DECK MOUNT MODEL # B501LF CHROME FINISH OR EQUAL. PROTECT PLUMBING PIPES BELOW SINK. LAVATORIES SHALL BE MOUNTED WITH THE RIM OR COUNTER SURFACE NO HIGHER THAN 34" ABOVE THE FINISH FLOOR.
- 8. INSTALL NEW WALL MOUNTED PAPER TOWEL DISPENSER. MERFIN # 51060.
- NOT USED.
- 10. REMOVE EXISTING WALL MOUNTED LIGHT FIXTURE ABOVE SINK. INSTALL NEW LED LIGHT BAR WAC LIGHTING METRO 27" WIDE LED BATH BAR WITH AN ACRYLIC DIFFUSER MODEL: WS-180127-30-CH CHROME FINISH.
- 11. NEW WALL CABINET FOR STORAGE OF TOILETRIES ABOVE TOILET. APPROXIMATE DIMENSIONS 21" W. x 24" H. x 8" D. WHITE COLOR FINISH. WITH ADJUSTABLE SHELVES.
- 12. EXISTING DOOR TO REMAIN AS-IS, EXCEPT REPLACE DOOR KNOB WITH ADA COMPLIANT DOOR LEVER BRASS FINISH.
- 13. PROVIDE NEW METAL FLOORING TRANSITION STRIP BETWEEN NEW BATHROOM TILE FLOOR AND EXISTING CARPET JUST OUTSIDE OF THE BATHROOM.
- 14. ALL WASH ROOM ACCESSORIES SHALL BE MOUNTED 44 TO 48" ABOVE THE FLOOR TO THE OPERABLE PARTS.



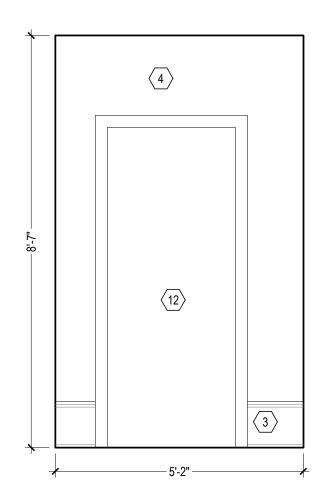
SOUTH WALL
2ND FLOOR JUDGE'S RESTROOM
A3 SCALE: 1/2" = 1'-0"



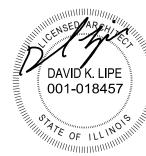
EAST WALL
2ND FLOOR JUDGE'S RESTROOM
SCALE: 1/2" = 1'-0"



NORTH WALL
2ND FLOOR JUDGE'S RESTROOM
SCALE: 1/2" = 1'-0"



WEST WALL
2ND FLOOR JUDGE'S RESTROOM
SCALE: 1/2" = 1'-0"



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2ND FLOOR JUDGE'S RESTROOM

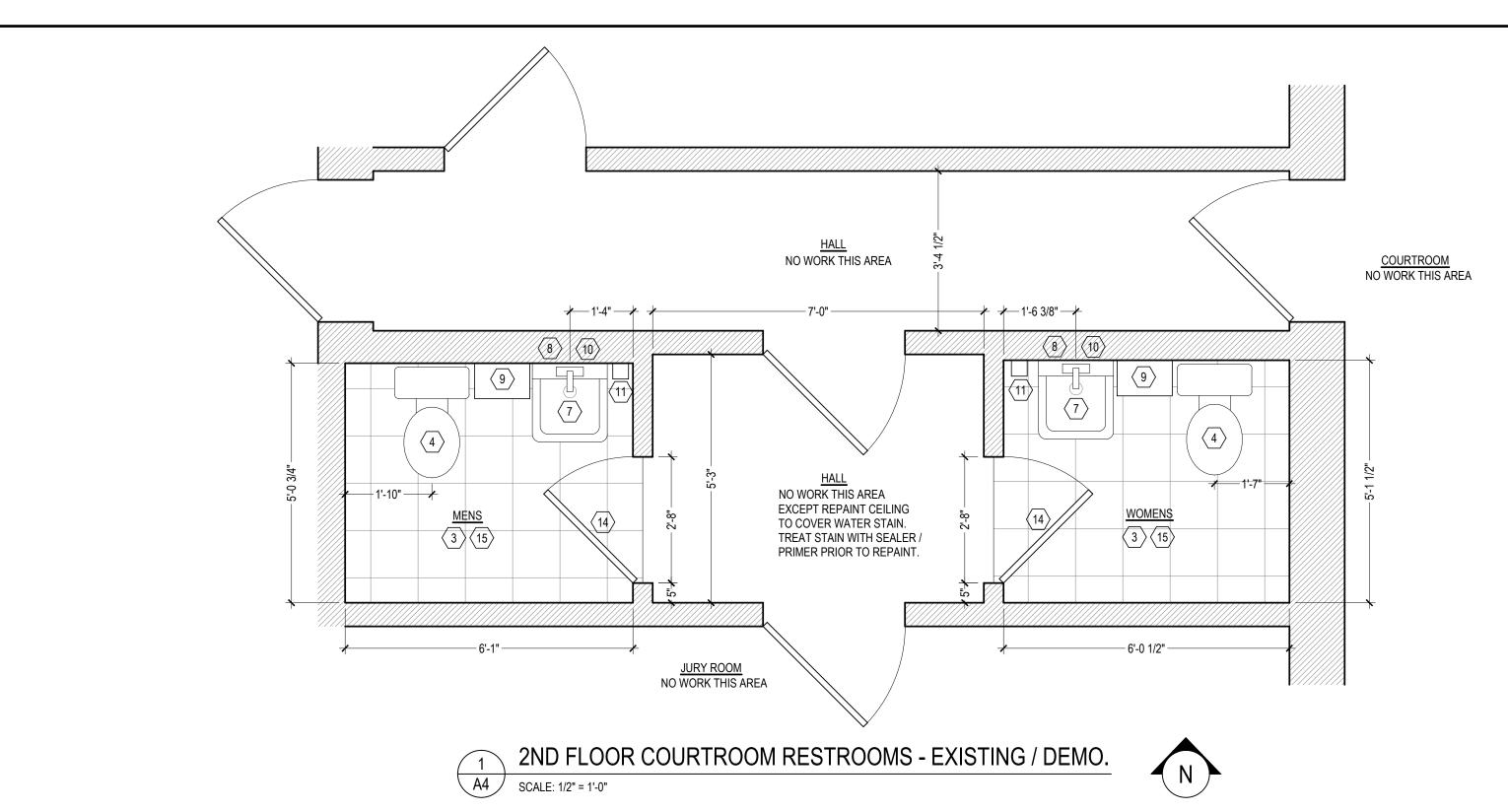
Bond County C

Nokomis, IL 62075

217-563-7836 phone

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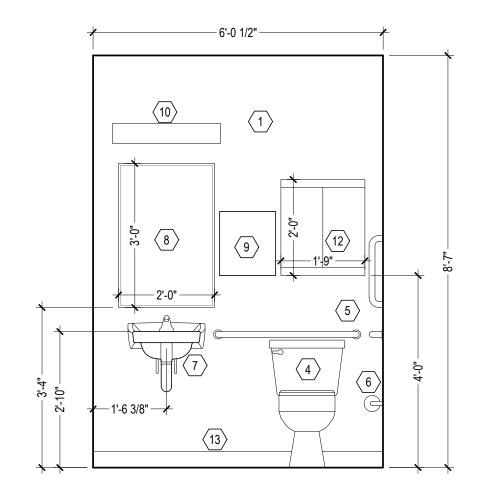
PRO. NO.: 2223 DATE: 06-01-22



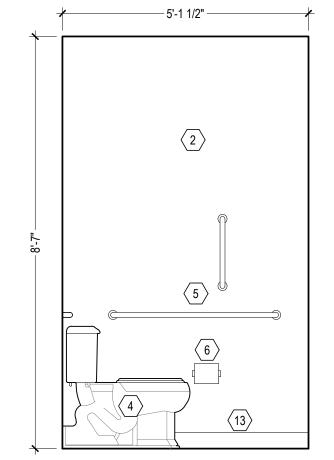
2ND FLOOR COURTROOM RESTROOMS (KEYNOTES / SCOPE OF WORK):

1. REMOVE EXISTING WALLPAPER ON NORTH WALL ONLY. WALLPAPER ON OTHER 3 WALLS TO REMAIN. PREP, PRIME & PAINT NORTH WALL. COLOR AS SELECTED BY OWNER.

- 2. WALLPAPER TO REMAIN EAST, WEST & SOUTH WALLS.
- REMOVE EXISTING VCT FLOORING. INSTALL NEW PORCELAIN MOSAIC TILE FLOORING PIANETTO TARSUS ALMOND II HEXAGON PORCELAIN MOSAIC 13 X 13 TILE. TILE SELECTED AS BASIS OF DESIGN. VERIFY ACTUAL TILE, COLOR, GROUT WITH OWNER.
- REMOVE & REPLACE EXISTING TOILETS WITH NEW ADA COMPLIANT FLOOR MOUNTED, REAR OUTLET TOILETS. KOHLER BARRINGTON COMFORT HEIGHT TWO-PIECE ELONGATED CHAIR HEIGHT TOILET MODEL # K-3578-RA OR EQUAL. (PROVIDE SEAT & LID) WHITE COLOR. TOILET FLUSH LEVER TO BE ON OPEN SIDE OF TOILET.
- ADD NEW ADA COMPLIANT GRAB BARS AT TOILETS. BOBRICK MODEL # B-5806. STAINLESS STEEL, SATIN FINISH, SURFACE MOUNT, 1-1/4" DIAMETER, COVER SNAPS OVER MOUNTING FLANGE TO CONCEAL SCREWS. AT EACH TOILET PROVIDE (1) 36" HORIZONTAL @ REAR WALL, (1) 42" HORIZONTAL @ SIDEWALL, (1) 18" VERTICAL @ SIDEWALL. SEE GRAB BAR LOCATION DIAGRAM THIS SHEET.
- 6. REPLACE EXISTING TOILET PAPER HOLDER / DISPENSERS WITH NEW SINGLE-ROLL, STAINLESS STEEL, TOILET TISSUE DISPENSER. BOBRICK MODEL # B-7685 OR EQUAL.
- REMOVE & REPLACE EXISTING SINK & FAUCET WITH NEW ADA COMPLIANT FIXTURES. NEW SINK TO BE KOHLER GREENWICH WALL-MOUNT BATHROOM SINK MODEL # K-2032-NR-0 (WHITE COLOR) WITH INTEGRAL SINK MOUNTED SOAP DISPENSER OR EQUAL. FAUCET TO BE DELTA SINGLE HANDLE DECK MOUNT MODEL # B501LF CHROME FINISH OR EQUAL. PROTECT PLUMBING PIPES BELOW SINK. LAVATORIES SHALL BE MOUNTED WITH THE RIM OR COUNTER SURFACE NO HIGHER THAN 34" ABOVE THE FINISH FLOOR.
- REMOVE EXISTING MIRROR. INSTALL NEW MIRROR AT PROPER ADA MOUNTING HEIGHT. NEW 24" W. x 36" H. FRAMELESS WALL MOUNTED MIRROR. MOUNT 34" A.F.F. (ABOVE FINISH
- 9. EXISTING PAPER TOWEL DISPENSERS TO REMAIN. ENSURE DISPENSERS ARE MOUNTED NO HIGHER THAN 48" ABOVE FINISH FLOOR TO OPERATING PARTS. FIELD VERIFY AND RELOCATE
- 10. REMOVE EXISTING WALL MOUNTED LIGHT FIXTURE ABOVE SINK. INSTALL NEW LED LIGHT BAR WAC LIGHTING METRO 27" WIDE LED BATH BAR WITH AN ACRYLIC DIFFUSER MODEL: WS-180127-30-CH - CHROME FINISH.
- 11. EXISTING WALL MOUNTED SOAP DISPENSERS TO BE REMOVED.
- 12. NEW WALL CABINET FOR STORAGE OF TOILETRIES ABOVE TOILET. APPROXIMATE DIMENSIONS 21" W. x 24" H. x 8" D. WHITE COLOR FINISH. WITH ADJUSTABLE SHELVES.
- 13. REMOVE & REPLACE EXISTING VINYL WALL BASE WITH NEW VINYL WALL BASE. MATCH EXISTING.
- 14. ON EXTERIOR SIDE OF RESTROOM DOOR, REMOVE "MEN" / "WOMEN" SIGNAGE AND REPLACE WITH NON-GENDER SPECIFIC SIGNAGE "UNISEX RESTROOM". ALSO ADD NEW CUSTOM SIGN
- 15. PROVIDE NEW IN-LINE MINIMUM 50 CFM EXHAUST FAN IN EACH RESTROOM. EXHAUST TO EXTEND TO RUBBER FLAT ROOF ABOVE. FIELD VERIFY EXACT ROUTING / LOCATION. NEW EXHAUST FAN TO BE TIED INTO LIGHT SWITCH.
- 16. ALL WASH ROOM ACCESSORIES SHALL BE MOUNTED 44 TO 48" ABOVE THE FLOOR TO THE OPERABLE PARTS.

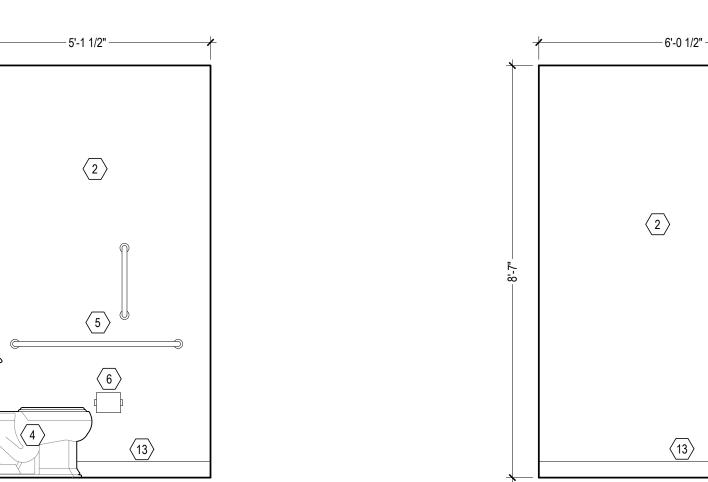






EAST WALL - (WOMENS) 2ND FLOOR COURTROOM RESTROOMS √ A4

✓ SCALE: 1/2" = 1'-0"



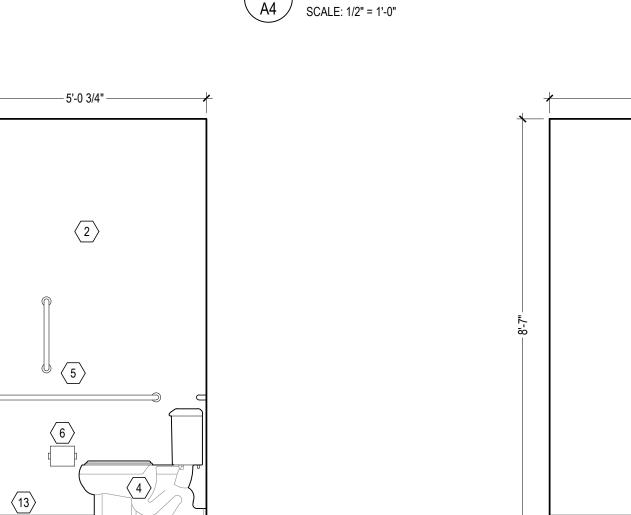
1'-10"

A4 / SCALE: 1/2" = 1'-0"

NORTH WALL - (MENS)

2ND FLOOR COÙRTRÓOM RESTROOMS

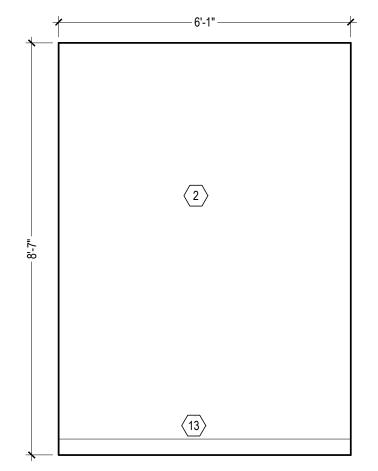




/ 1'-4" / /

(8)(10)

WEST WALL - (MENS)
2ND FLOOR COURTROOM RESTROOMS A4 SCALE: 1/2" = 1'-0"



<u>HALL</u> NO WORK THIS AREA

<u>HALL</u> NO WORK THIS AREA

JURY ROOM

NO WORK THIS AREA

2ND FLOOR COURTROOM RESTROOMS - PROPOSED

EXCEPT REPAINT CEILING

TO COVER WATER STAIN.

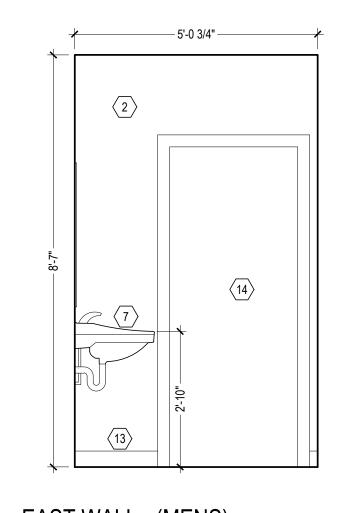
TREAT STAIN WITH SEALER / PRIMER PRIOR TO REPAINT.

1'-6 3/8" -

(10) (8)

— 6'-0 1/2" —

SOUTH WALL - (MENS)
2ND FLOOR COURTROOM RESTROOMS A4 | SCALE: 1/2" = 1'-0"



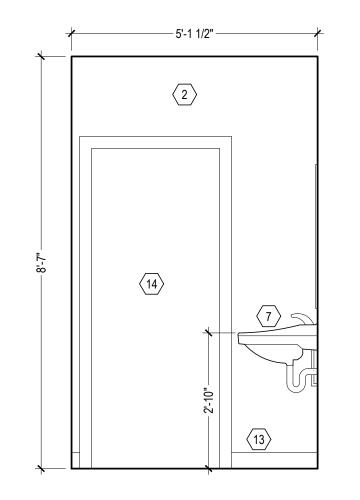
COURTROOM

NO WORK THIS AREA

EAST WALL - (MENS) 2ND FLOOR COURTROOM RESTROOMS SCALE: 1/2" = 1'-0"

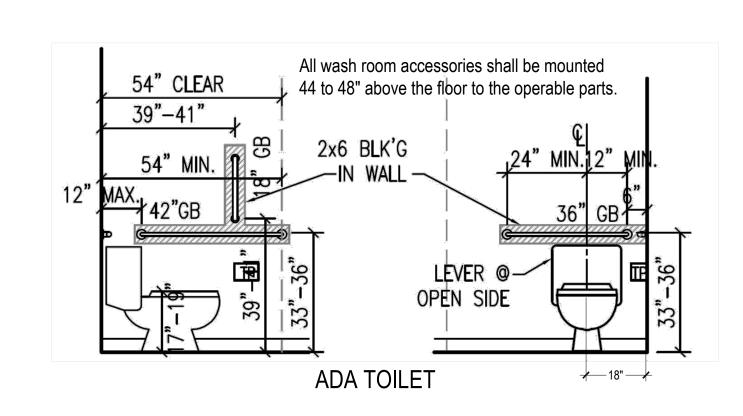
DATE: 06-01-22

A4



WEST WALL - (WOMENS) 2ND FLOOR COURTROOM RESTROOMS A4 SCALE: 1/2" = 1'-0"

001-018457



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Visions & Solutions for the Built Environment 2ND FLOOR COURTROOM RESTROOMS LIPE ARCHITECTURE Illinois Design Firm Lic. No. 184005270-0001 603 School Street