

**This electronic collection of documents is provided
for the convenience of the user
and is Not a Certified Document –**

**The documents contained herein were originally issued
and sealed by the individuals whose names and license
numbers appear on each page, on the dates appearing
with their signature on that page.**

**This file or an individual page
shall not be considered a certified document.**

DEMOLITION & CONSTRUCTION NOTES

ALL MATERIALS SHALL BE NEW AND OF QUANTITY SPECIFIED, EXCEPT WHERE RECLAIMED MATERIAL IS INDICATED FOR USE. WORKMANSHIP SHALL AT ALL TIMES BE OF A GRADE ACCEPTED AS THE BEST PRACTICE OF THE PARTICULAR TRADE INVOLVED, AND AS STIPULATED IN WRITTEN STANDARDS OF RECOGNISED ORGANIZATIONS OR INSTITUTES OF THE RESPECTIVE TRADES EXCEPT AS EXCEEDED OR QUALIFIED BY THE SPECIFICATIONS.

ITEMS RESULTING FROM THE DEMOLITION AND ITEMS WHICH ARE NOT TO BE RETURNED TO THE OWNER AS NOTED IN THE CONTRACT DOCUMENTS, SHALL BE REMOVED FROM THE SITE, AS THE WORK PROGRESSES, AND DISPOSED OF IN A LEGAL MANNER.

THE CONTRACTOR SHALL REVIEW EACH PHASE OF THE WORK PRIOR TO PROCEEDING WITH THE WORK AND SHALL NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES IN THE CONTRACT DOCUMENTS THAT WILL RESULT IN CHANGES TO THE WORK.

THE EXISTING STRUCTURE SHALL NOT BE ALTERED EXCEPT AS INDICATED IN THE CONTRACT DOCUMENTS. DO NOT CUT, NOTCH, BLOCK OR RELOCATE STRUCTURAL MEMBERS WITHOUT PRIOR APPROVAL OF THE ENGINEER OR ARCHITECT.

AREA OUTSIDE OF AREA OF WORK TO REMAIN CLEAR AND CLEAN OF DEBRIS, EQUIPMENT ETC. AT ALL TIMES.

THE WELCOME CENTER BUILDING TO REMAIN OCCUPIED OUTSIDE THE AREA OF WORK. CONSTRUCTION NOT TO INTERFERE WITH DAILY OPERATIONS OF BUILDING OCCUPANTS OR VISITORS. CONSTRUCTION SHALL NOT CAUSE UNSAFE CONDITIONS FOR BUILDING OCCUPANTS OR VISITORS.

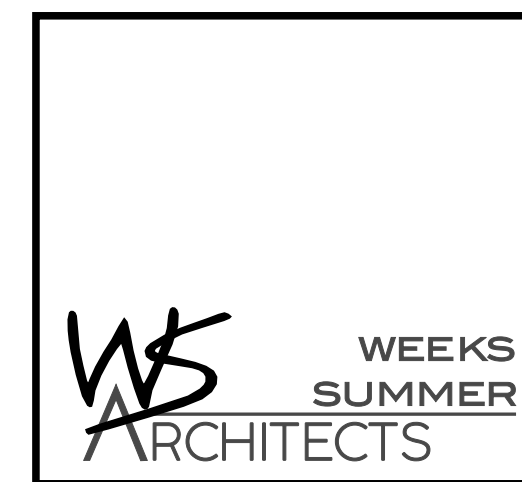
IF CONSTRUCTION REQUIRES AN INTERRUPTION OF SERVICES TO THE BUILDING, THE OWNER AND ARCHITECT SHALL BE NOTIFIED AND AN APPROPRIATE TIMING WILL BE AGREED UPON.

WALL LEGEND

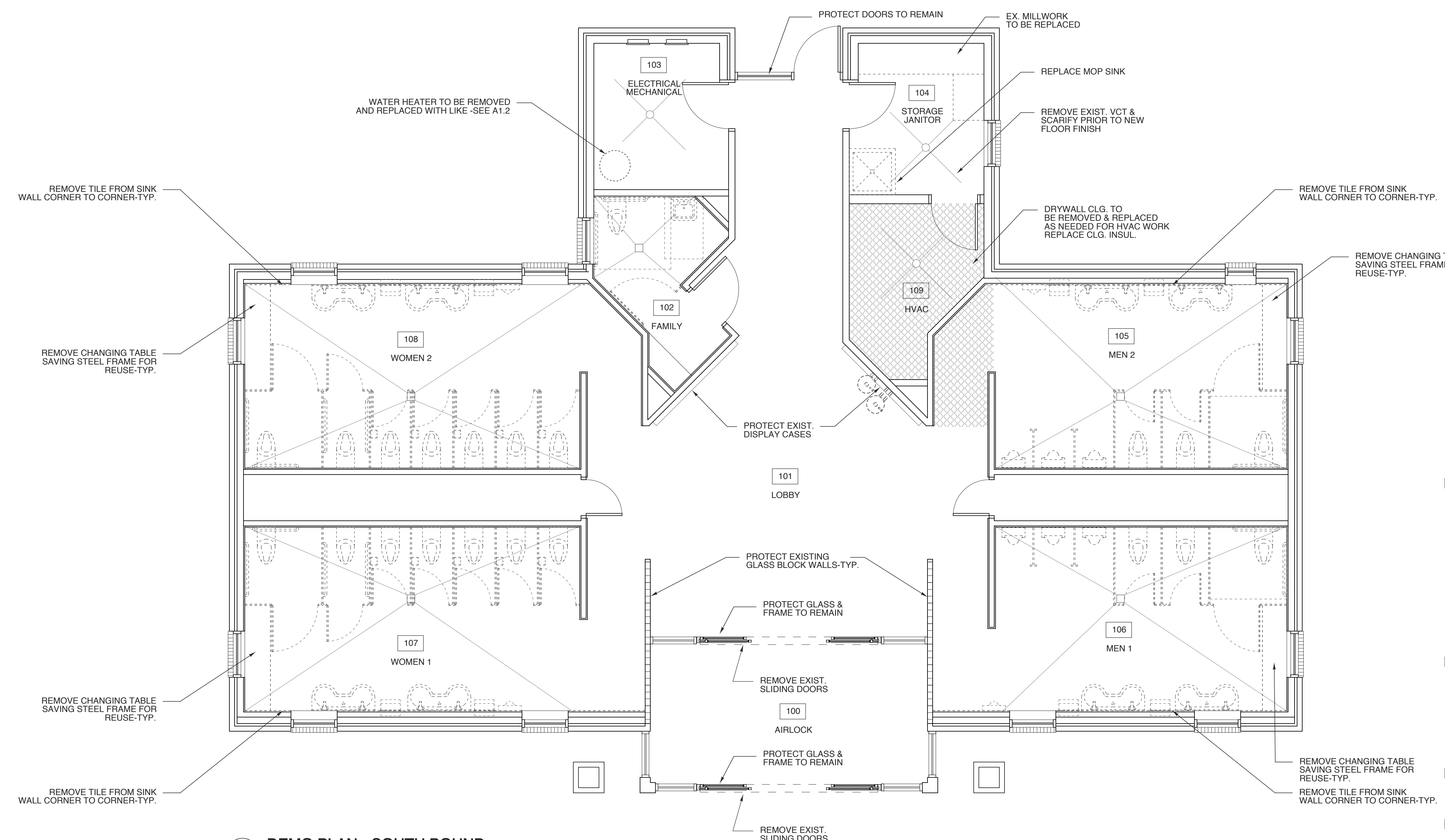
	EXIST. EXT. WALL 4" BRICK VENEER W/ AIR SPACE AND WOOD FRAMING
	EXIST. INT. WALL WOOD FRAMING
	EXIST. TO BE REMOVED

SCOPE OF WORK NOTES

- REMOVE EXISTING WALL TILE WHERE SHOWN, REPAIR SUBSTRATE AS NEEDED
- DEMO EXISTING PLUMBING FIXTURES, CARRIERS TO REMAIN FOR REUSE AS NOTED
- DEMO EXISTING TOILET ACCESSORIES
- DEMO EXISTING TOILET PARTITIONS
- REMOVE EXISTING DOORS, STORE AND PROTECT FOR REUSE
- ALL HARDWARE TO BE REUSED EXCEPT HANDLESETS
- REMOVE FINISH FROM EXIST. CHANGING TABLE. KEEP FRAME FOR FUTURE REUSE



W. S. ARCHITECTS, PA
3305-109 Durham Drive
Raleigh, North Carolina 27603
919.779.9797
www.wsarchitectspa.com



1 DEMO PLAN - SOUTH BOUND
SCALE: 1/4" = 1'-0"

WBS# 15RE.16.3

PROJECT TITLE
I-95 JOHNSTON CTY. SOUTH BOUND
I-95 JOHNSTON CTY. SELMA, NORTH CAROLINA

PROJECT NO.
2204a
DRAWING TITLE
DEMO PLAN

SHEET **2** OF **9**

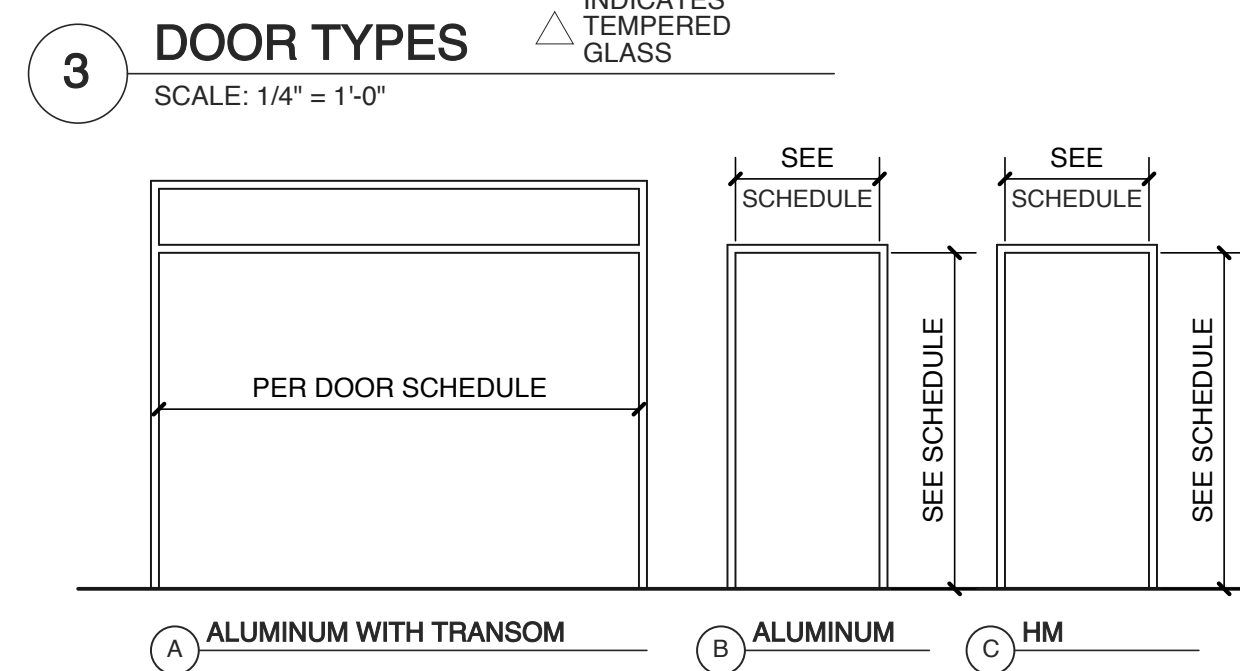
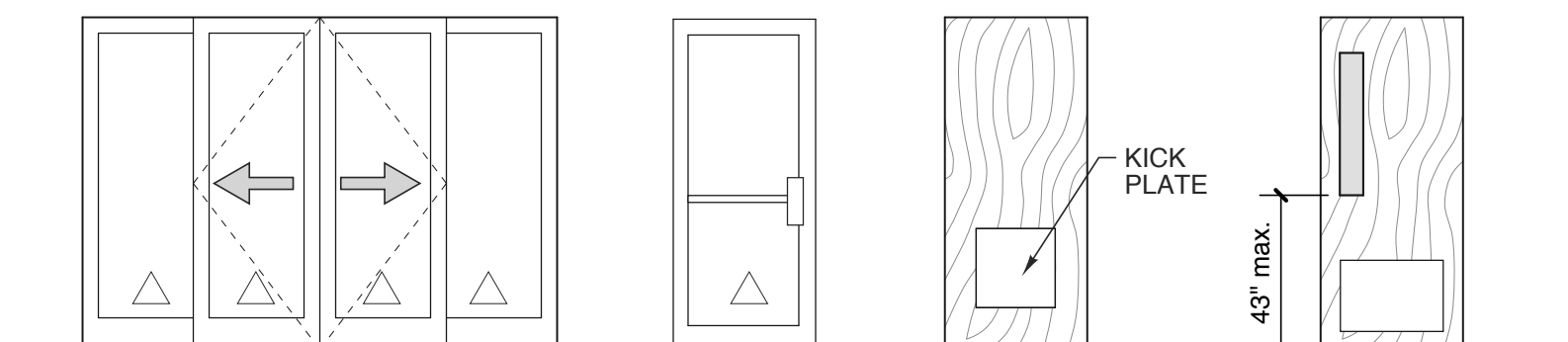
A1.1

PLOT DATE **11/28/22**
REVISION **---**

This original sheet is 22" x 34"; other dimensions indicate it has been altered.
All information on this sheet is the property of W. S. Architects, PA and may not be duplicated in whole or in part without written authorization from W. S. Architects, PA. 2020 ©

DOOR SCHEDULE							
MARK	DOOR			FRAME		HWDR SET NO.	REMARKS
	SIZE	MAT'L	TYPE	TYPE	DETAILS		
1	12'-0" x 7'-0" x 1-3/4"	ALUM	A	B	6/A3.2	1	MATCH EXIST. MULLIONS/FINISH
2	12'-0" x 7'-0" x 1-3/4"	ALUM	A	B	6/A3.2	1	MATCH EXIST. MULLIONS/FINISH
3	3'-0" x 7'-0" x 1-3/4"	existing	---	---	---	---	---
4	3'-0" x 7'-0" x 1-3/4"	SC WD	D	C	8/A3.2	2	REPLACE DOOR, FRAME & HARDWARE
5	3'-0" x 7'-0" x 1-3/4"	SC WD	C	C	8/A3.2	3	REPLACE DOOR, FRAME & HARDWARE
6	3'-0" x 7'-0" x 1-3/4"	SC WD	C	C	8/A3.2	3	REPLACE DOOR, FRAME & HARDWARE
7	2'-0" x 7'-0" x 1-3/4"	existing	---	---	---	4	REPAINT DOOR - NEW HDW. REPLACE 12X12 LOUVER
8	2'-0" x 7'-0" x 1-3/4"	existing	---	---	---	4	REPAINT DOOR - NEW HDW. REPLACE 12X12 LOUVER
9	3'-0" x 7'-0" x 1-3/4"	SC WD	C	C	8/A3.2	2	REPLACE DOOR, FRAME & HARDWARE
10	2-3'-0" x 7'-0" x 1-3/4"	ALUM	B	A	7/A3.2	5	MATCH EXIST. MULLIONS
11	2-3'-0" x 7'-0" x 1-3/4"	ALUM	B	A	7/A3.2	5	MATCH EXIST. MULLIONS

NOTES:	HARDWARE SETS
- COORDINATE KEYING OF HARDWARE WITH OWNER - DOOR HANDLES TO BE LEVER HANDLE - ALL DOORS TO MEET NCSBC SECTION 1609.1.2 - MATCH EXISTING FINISHES-TYP. - NEW ENTRANCE DOORS TO MEET ENERGY REQ. U-FACTOR = 0.77 MAX. SHCG = 0.25 MAX.	1. AUTOMATIC SLIDING W/EMERGENCY BREAK AWAY OPERATION 2. PASSAGE SET 3. STOREROOM FUNCTION LOCKSET 4. ADA CUP PULL (COL-405-15CC OR EQUAL) 5. PUSH / PULL HARDWARE SEE SPEC FOR MORE INFORMATION



SCOPE OF WORK NOTES

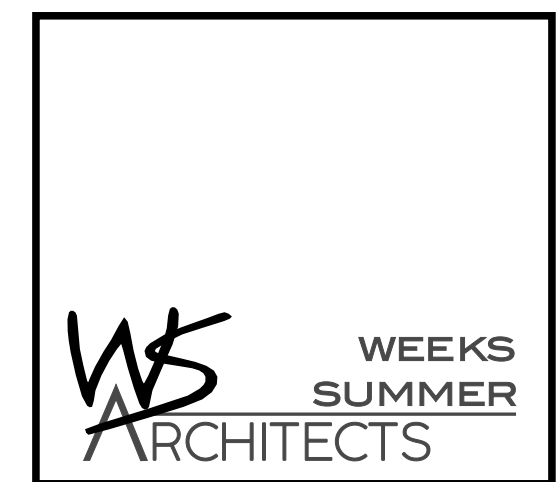
- REMOVE AND REPLACE EXISTING WALL TILE ON SINK WALLS
- REMOVE AND REPLACE EXISTING TOILET PARTITIONS AND ACCESSORIES.
- REMOVE AND REPLACE EXISTING LOBBY LIGHTS WITH NEW LED FIXTURES.
- PAINT ALL INTERIOR WALLS, CEILING AND METAL DOORS. SEE SCHEDULES.
- REFINISH AND/OR REPLACE EXISTING WOOD DOORS AND REPLACE HANDLESETS SEE DOOR SCHEDULE
- REMOVE AND REPLACE ALL INTERIOR BUILDING SIGNAGE
- REMOVE AND REPLACE WATER HEATER (NORTHS SIDE ONLY)
- REMOVE AND REPLACE ALL PLUMBING FIXTURES
- PAINT INTERIOR OF VENDING BUILDING
- REPLACE VENDING BUILDING FRONT & REAR ENTRY DOORS

NOTES

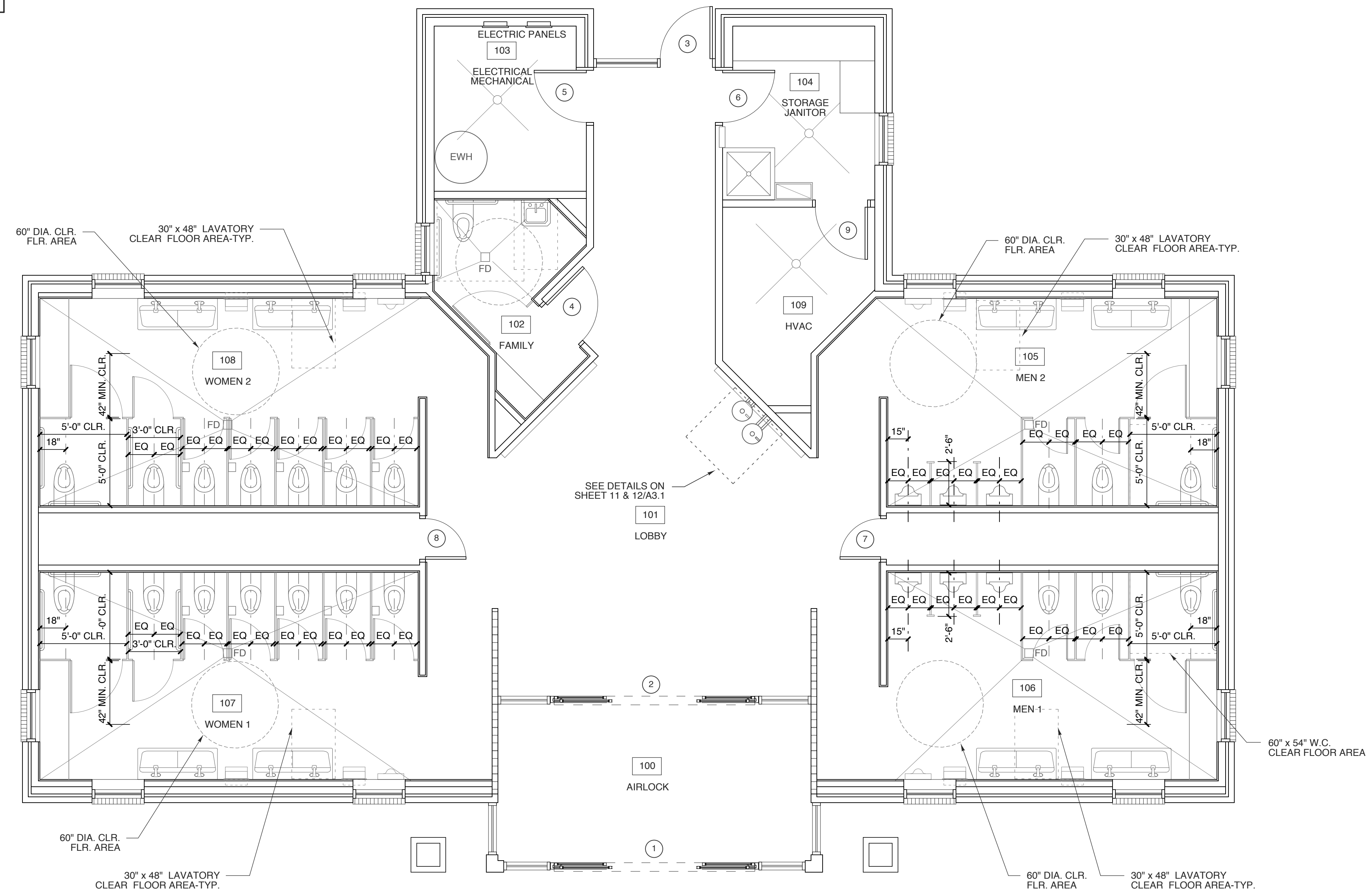
1. CONTRACTOR TO SUPPLY ALL BLOCKING NEEDED TO SUPPORT REQUIRED RESTROOM ITEMS UNLESS OTHERWISE NOTED OR STATED PER MANF.
2. VERIFY ALL ROUGH OPENING DIMENSIONS WITH MANUFACTURERS REQUIREMENTS
3. SEE SHEET A1.3 FOR FINISH INFORMATION

WALL LEGEND

- EXIST. EXT. WALL
4" BRICK VENEER W/ AIR SPACE AND WOOD FRAMING
- EXIST. INT. WALL
WOOD FRAMING
- EXIST. TO BE REMOVED



W. S. ARCHITECTS, PA
3305-109 Durham Drive
Raleigh, North Carolina 27603
919.779.9797
www.wsarchitectspa.com



1 FLOOR PLAN - SOUTH BOUTH
SCALE: 1/4" = 1'-0"

WBS# 15RE.16.3

PROJECT TITLE
I-95 JOHNSTON CTY. SOUTH BOUND
I-95 JOHNSTON CTY. SELMA, NORTH CAROLINA

PROJECT NO.
2204a

DRAWING TITLE
FLOOR PLAN

SHEET 3 OF 9

A1.2

PLOT DATE 11/28/22
REVISION ---

This original sheet is 22" x 34"; other dimensions indicate it has been altered.
All information on this sheet is the property of W. S. Architects, PA and may not be duplicated in whole or in part without written authorization from W. S. Architects, PA. 2020 ©

TOILET ACCESSORY SCHEDULE

MARK	ITEM	MOUNT	MARK	ITEM	MOUNT
A	SURFACE-MOUNTED MULTI-ROLL TOILET TISSUE DISPENSER (B-2892)	28" MIN. 48" MAX. A.F.S.	H	RECESSED PAPER TOWEL DISP. AND WASTE RECEPTACLE (B-3944)	RE: ELEV.
B	AUTOMATIC HANDS FREE LIQUID SOAP DISPENSER (AJW U135 EA)	42" MAX. A.F.S.	J	WELDED FRAME MIRROR (B-2908-1828)	RE: ELEV.
C	36" HORIZONTAL GRAB BAR (B-6806.99 X 36)	33"-36" A.F.S.	K	WELDED FRAME MIRROR (B-2908-1860)	RE: ELEV.
D	42" HORIZONTAL GRAB BAR (B-6806.99 X 42)	33"-36" A.F.S.	L	AUTOMATIC HAND DRYER EXCEL XLERATOR XL-SB	48" A.F.S.
E	18" VERTICAL GRAB BAR (B-6806.99 X 18)	RE: ELEV.	M	SS MOP & BROOM HOLDER (B-223 X 24)	60"-72" A.F.S.
F	RECESSED SANITARY NAPKIN DISPOSAL (B-4353)	25"-30" A.F.S.	N	RECESSED FOLDED PAPER TOWEL DISP. AND WASTE RECEPTACLE (B-43944) (ALTERNATE FOR FAMILY)	RE: ELEV.
G	PARTITION MOUNTED SANITARY NAPKIN DISPOSAL (B-4354)	25"-30" A.F.S.			

MANUFACTURER: BOBRICK WASHROOM EQUIPMENT U.N.O. OR APPROVED EQUAL-SEE SPECIFICATION
FINISH: SATIN STAINLESS STEEL
NOTE: GC TO INSTALL BLOCKING FOR ALL TOILET ACCESSORIES AND TOILET PARTITIONS AS REQ'D

TILE LEGEND

basis of design	STONEPEAK PLANE 2.0 SIERRA GREY, POLISHED, 60" x 60"
alt. selection	ROCA SLABS CONCRETE GRAY, POLISHED, 48" x 48"

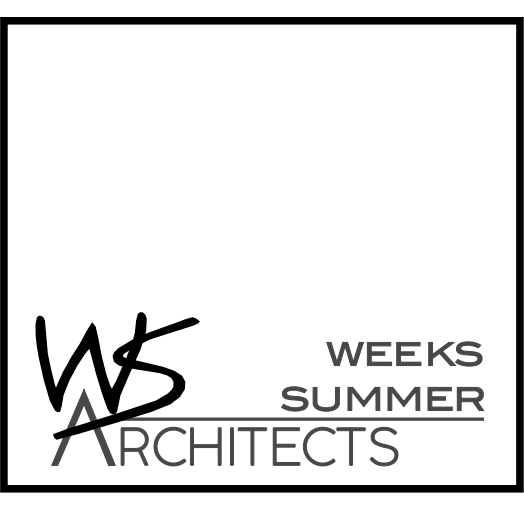
ALT. SELECTION TO BE USED ONLY IN THE CASE OF THE B.O.D. NOT BEING AVAILABLE IN TIME SPAN OF PROJECT.

SIGNAGE LEGEND

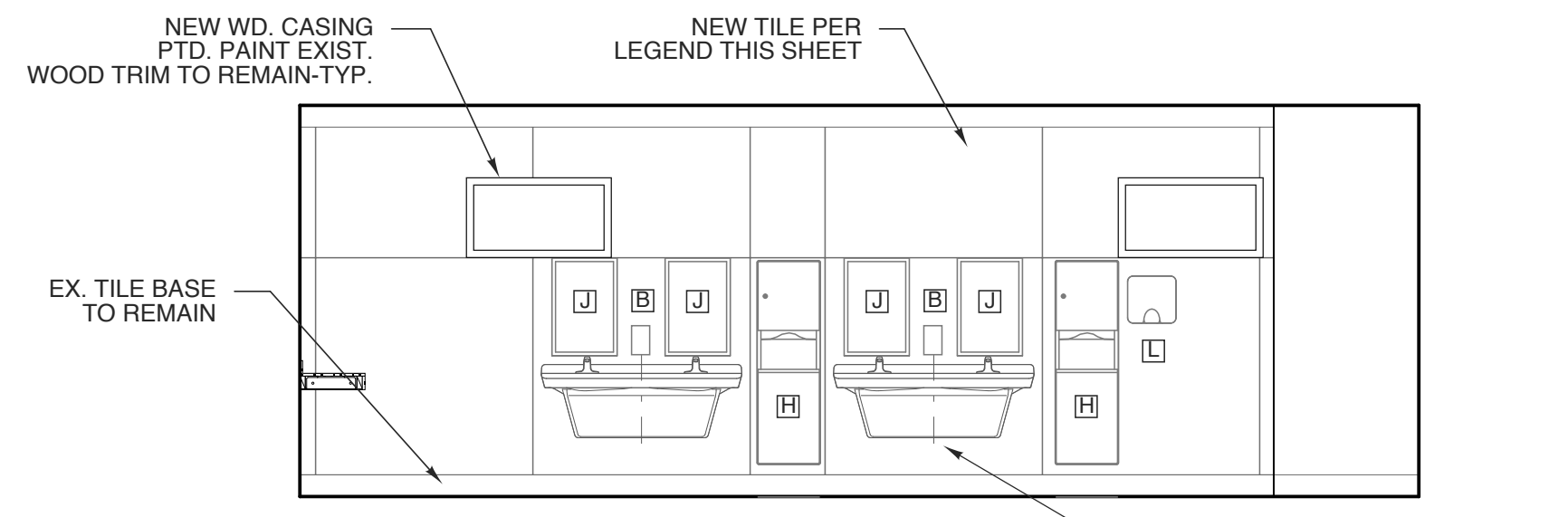
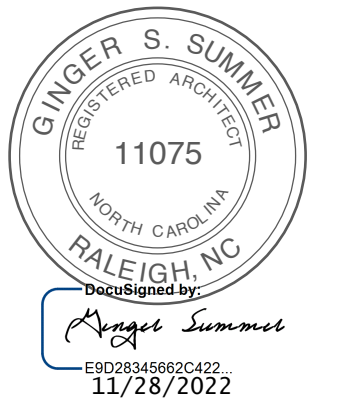
(A)	WOMEN-1 PC. MILLED ALUM PER 2/A3
(B)	MEN-1 PC. MILLED ALUM PER 3/A3
(C)	FAMILY-1 PC. MILLED ALUM PER 1/A3
(D)	WOMEN-INDIVIDUAL LETTERS (6")
(E)	MEN-INDIVIDUAL LETTERS (6")
(F)	JANITOR-1 PC. MILLED ALUM PER 8/A3
(G)	ELECTRICAL-1 PC. MILLED ALUM SIM TO 6/A3
(H)	NO SMOKING-1 PC. MILLED ALUM SIM TO 6/A3

ROOM FINISH SCHEDULE

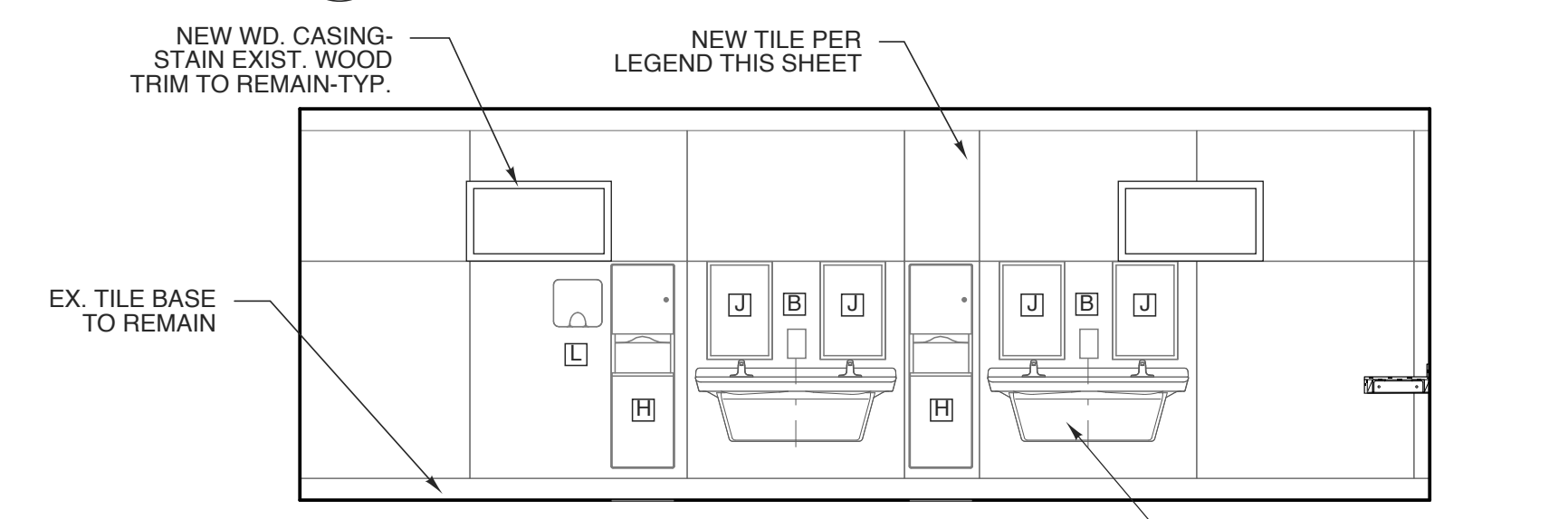
MARK	ROOM NAME	FLOOR	BASE	WALL			WAINSCOT	CEILING		REMARKS / NOTES
				N	E	S		W	MATERIAL	
100	AIRLOCK	existing	existing	PAINT EXIST.			---	REPAIR CRACKS PAINT EXIST.	---	
101	LOBBY	existing	existing	PAINT EXIST.			---	REPAIR CRACKS PAINT EXIST.	---	
102	FAMILY	existing	existing	PAINT EXIST.			POR. TILE SINK WALL	REPAIR CRACKS PAINT EXIST.	---	
103	ELECTRICAL / MECHANICAL	---	---	PAINT EXIST.			---	---	---	
104	STORAGE / JANITOR	VCT	RUBBER	PAINT EXIST.			FRP @ MOP SINK	REPAIR CRACKS PAINT EXIST.	---	
105	MEN 2	existing	existing	PAINT EXIST.			POR. TILE SINK WALL	REPAIR CRACKS PAINT EXIST.	---	
106	MEN 1	existing	existing	PAINT EXIST.			POR. TILE SINK WALL	REPAIR CRACKS PAINT EXIST.	---	
107	WOMEN 1	existing	existing	PAINT EXIST.			POR. TILE SINK WALL	REPAIR CRACKS PAINT EXIST.	---	
108	WOMEN 2	existing	existing	PAINT EXIST.			POR. TILE SINK WALL	REPAIR CRACKS PAINT EXIST.	---	
109	ELECTRICAL / MECHANICAL	---	---	PAINT EXIST.			---	---	---	



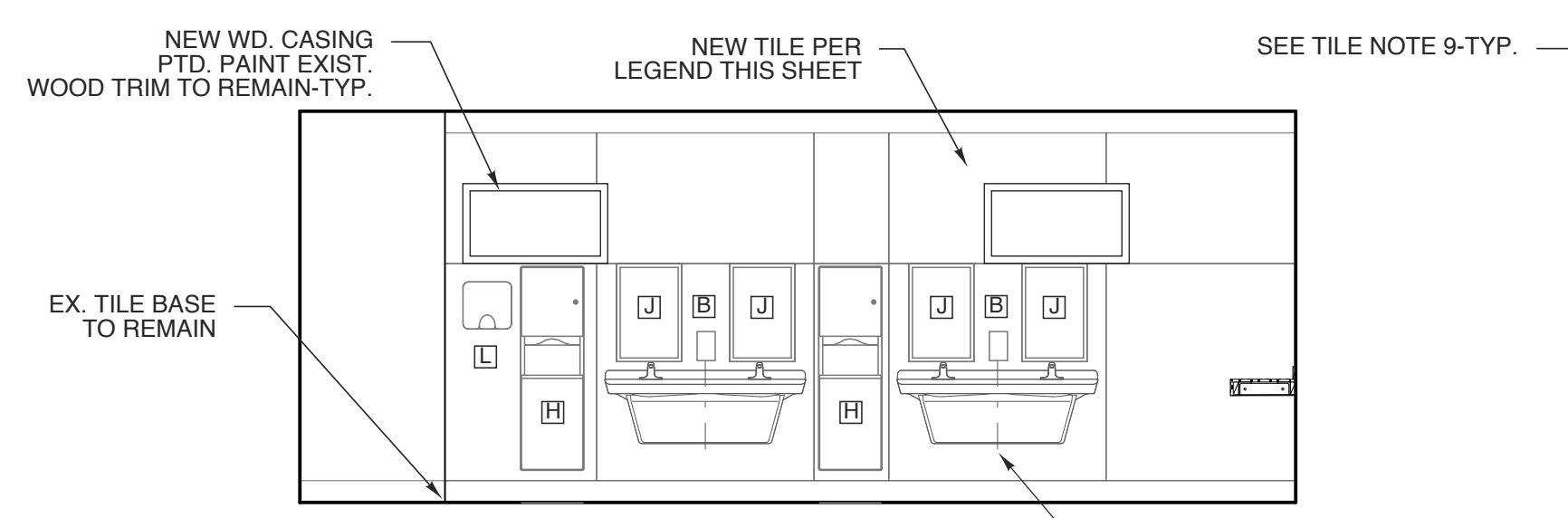
W. S. ARCHITECTS, PA
3305-109 Durham Drive
Raleigh, North Carolina 27603
919.779.9797
www.wsarchitectspa.com



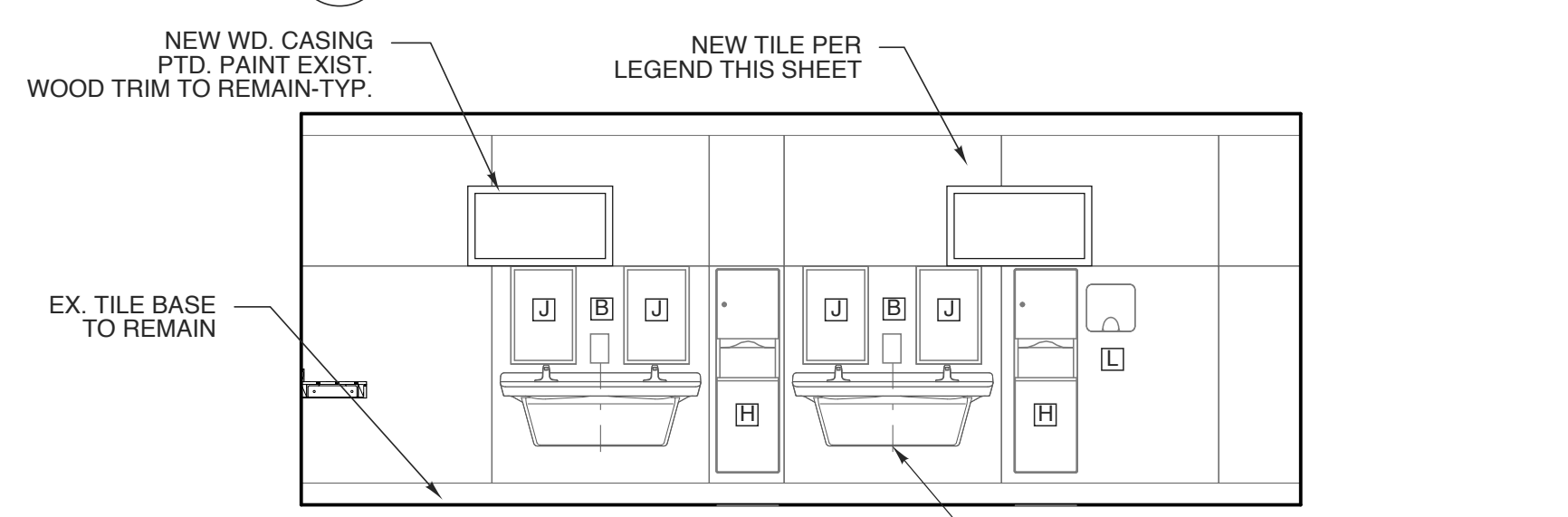
5 ELEVATION - 108 WOMEN 2
SCALE: 1/4" = 1'-0"



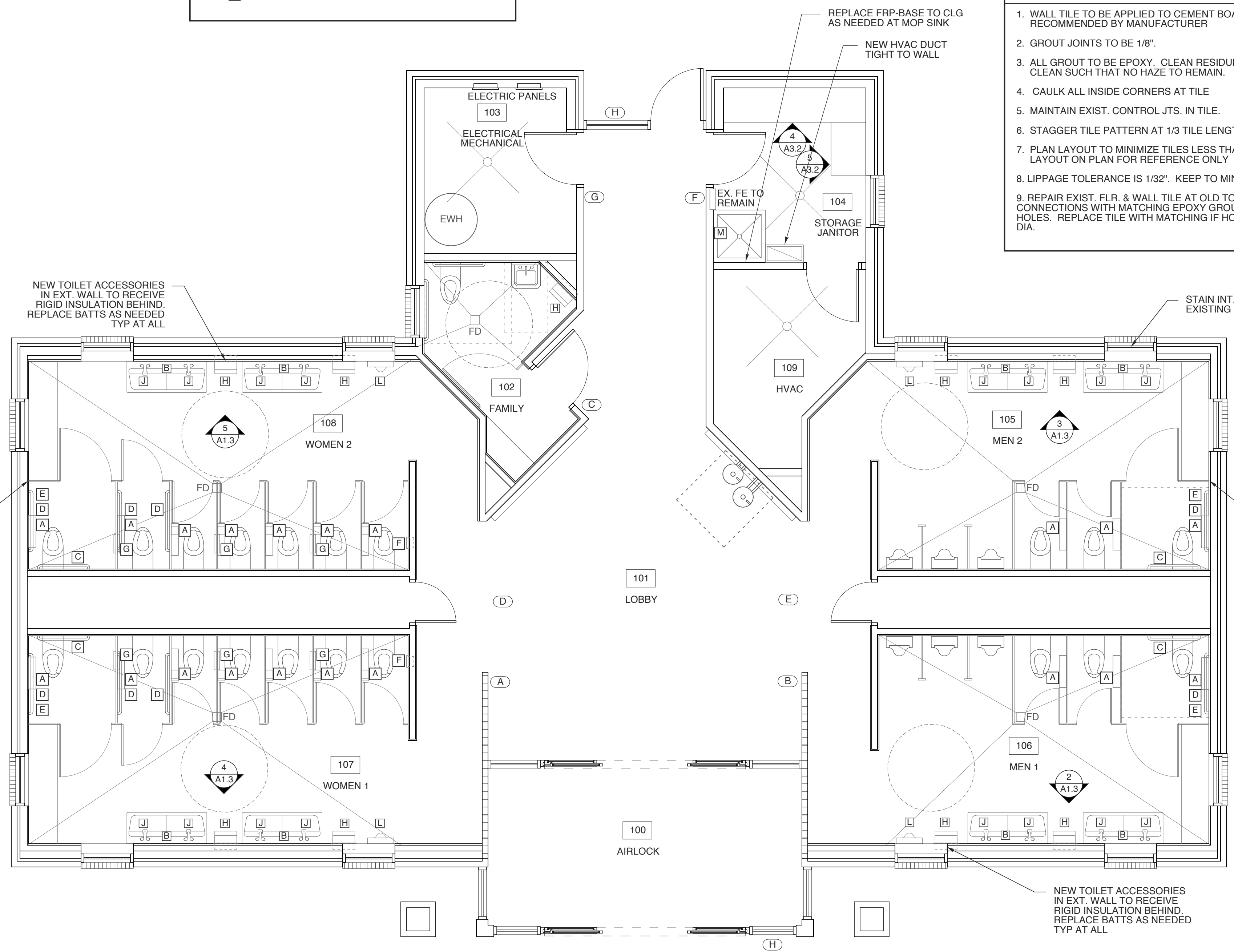
4 ELEVATION - 107 WOMEN 1
SCALE: 1/4" = 1'-0"



3 ELEVATION - 105 MEN 2
SCALE: 1/4" = 1'-0"



2 ELEVATION - 106 MEN 1
SCALE: 1/4" = 1'-0"



1 FLOOR PLAN - SOUTH BOUTH
SCALE: 1/4" = 1'-0"

TILE NOTES

- WALL TILE TO BE APPLIED TO CEMENT BOARD AS RECOMMENDED BY MANUFACTURER
- GROUT JOINTS TO BE 1/8"
- ALL GROUT TO BE EPOXY. CLEAN RESIDUE IN SMALL AREAS CLEAN SUCH THAT NO HAZE TO REMAIN.
- CAULK ALL INSIDE CORNERS AT TILE
- MAINTAIN EXIST. CONTROL JTS. IN TILE.
- STAGGER TILE PATTERN AT 1/3 TILE LENGTH.
- PLAN LAYOUT TO MINIMIZE TILES LESS THAN 1" LAYOUT ON PLAN FOR REFERENCE ONLY
- LIPPAGE TOLERANCE IS 1/32". KEEP TO MINIMUM.
- REPAIR EXIST. FLR. & WALL TILE AT OLD TOILET PARTITION CONNECTIONS WITH MATCHING EPOXY GROUT FOR SMALL HOLES. REPLACE TILE WITH MATCHING IF HOLE IS OVER 1/2" DIA.

WBS# 15RE.16.3

PROJECT TITLE
I-95 JOHNSTON CITY

I-95 JOHNSTON CITY
SELMA, NORTH CAROLINA

PROJECT NO.
2204a

DRAWING TITLE
FINISH PLAN

SHEET 4 OF 9

A1.3

PLOT DATE 11/28/22
REVISION ---

This original sheet is 22" x 34"; other dimensions indicate it has been altered.
All information on this sheet is the property of W.S. Architects, PA and may not be duplicated in whole or in part without written authorization from W.S. Architects, PA. 2020 ©

DEMOLITION & CONSTRUCTION NOTES

ALL MATERIALS SHALL BE NEW AND OF QUANTITY SPECIFIED, EXCEPT WHERE RECLAIMED MATERIAL IS INDICATED FOR USE. WORKMANSHIP SHALL AT ALL TIMES BE OF A GRADE ACCEPTED AS THE BEST PRACTICE OF THE PARTICULAR TRADE INVOLVED, AND AS STIPULATED IN WRITTEN STANDARDS OF RECOGNISED ORGANIZATIONS OR INSTITUTES OF THE RESPECTIVE TRADES EXCEPT AS EXCEEDED OR QUALIFIED BY THE SPECIFICATIONS.

ITEMS RESULTING FROM THE DEMOLITION AND ITEMS WHICH ARE NOT TO BE RETURNED TO THE OWNER AS NOTED IN THE CONTRACT DOCUMENTS, SHALL BE REMOVED FROM THE SITE, AS THE WORK PROGRESSES, AND DISPOSED OF IN A LEGAL MANNER.

THE CONTRACTOR SHALL REVIEW EACH PHASE OF THE WORK PRIOR TO PROCEEDING WITH THE WORK AND SHALL NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES IN THE CONTRACT DOCUMENTS THAT WILL RESULT IN CHANGES TO THE WORK.

THE EXISTING STRUCTURE SHALL NOT BE ALTERED EXCEPT AS INDICATED IN THE CONTRACT DOCUMENTS. DO NOT CUT, NOTCH, BLOCK OR RELOCATE STRUCTURAL MEMBERS WITHOUT PRIOR APPROVAL OF THE ENGINEER OR ARCHITECT.

AREA OUTSIDE OF AREA OF WORK TO REMAIN CLEAR AND CLEAN OF DEBRIS, EQUIPMENT ETC. AT ALL TIMES.

THE WELCOME CENTER BUILDING TO REMAIN OCCUPIED OUTSIDE THE AREA OF WORK. CONSTRUCTION NOT TO INTERFERE WITH DAILY OPERATIONS OF BUILDING OCCUPANTS OR VISITORS. CONSTRUCTION SHALL NOT CAUSE UNSAFE CONDITIONS FOR BUILDING OCCUPANTS OR VISITORS.

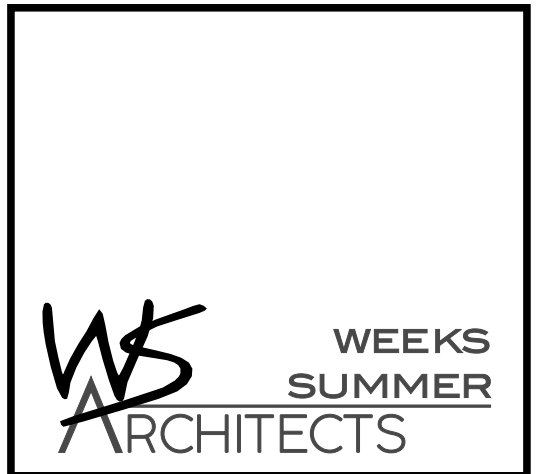
IF CONSTRUCTION REQUIRES AN INTERRUPTION OF SERVICES TO THE BUILDING, THE OWNER AND ARCHITECT SHALL BE NOTIFIED AND AN APPROPRIATE TIMING WILL BE AGREED UPON.

WALL LEGEND

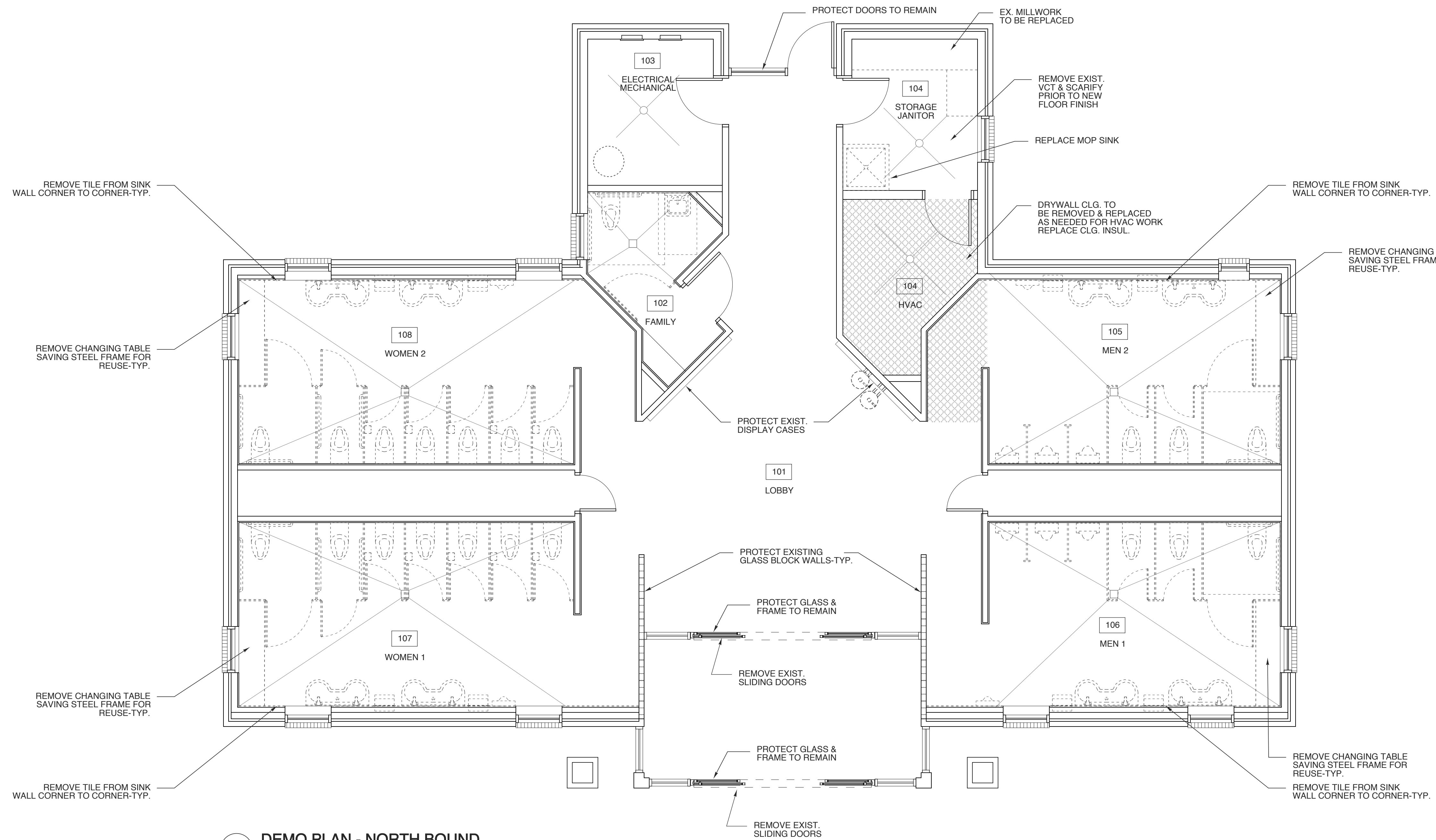
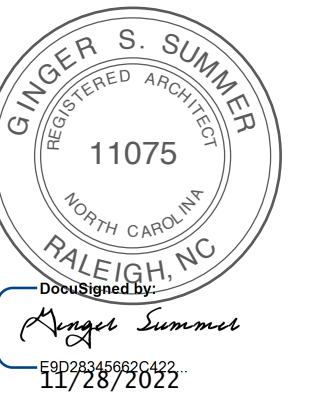
	EXIST. EXT. WALL 4" BRICK VENEER W/ AIR SPACE AND WOOD FRAMING
	EXIST. INT. WALL WOOD FRAMING
	EXIST. TO BE REMOVED

SCOPE OF WORK NOTES

- REMOVE EXISTING WALL TILE WHERE SHOWN, REPAIR SUBSTRATE AS NEEDED
- DEMO EXISTING PLUMBING FIXTURES, CARRIERS TO REMAIN FOR REUSE AS NOTED
- DEMO EXISTING TOILET ACCESSORIES
- DEMO EXISTING TOILET PARTITIONS
- REMOVE EXISTING DOORS, STORE AND PROTECT FOR REUSE
- ALL HARDWARE TO BE REUSED EXCEPT HANDLESETS
- REMOVE FINISH FROM EXIST. CHANGING TABLE. KEEP FRAME FOR FUTURE REUSE



W. S. ARCHITECTS, PA
3305-109 Durham Drive
Raleigh, North Carolina 27603
919.779.9797
www.wsarchitectspa.com



1 DEMO PLAN - NORTH BOUND
SCALE: 1/4" = 1'-0"

WBS# 15RE.16.3

PROJECT TITLE
**I-95 JOHNSTON CTY.
NORTH BOUND**
I-95 JOHNSTON CTY.
SELMA, NORTH CAROLINA

PROJECT NO.
2204a

DRAWING TITLE
DEMO PLAN

SHEET 5 OF 9

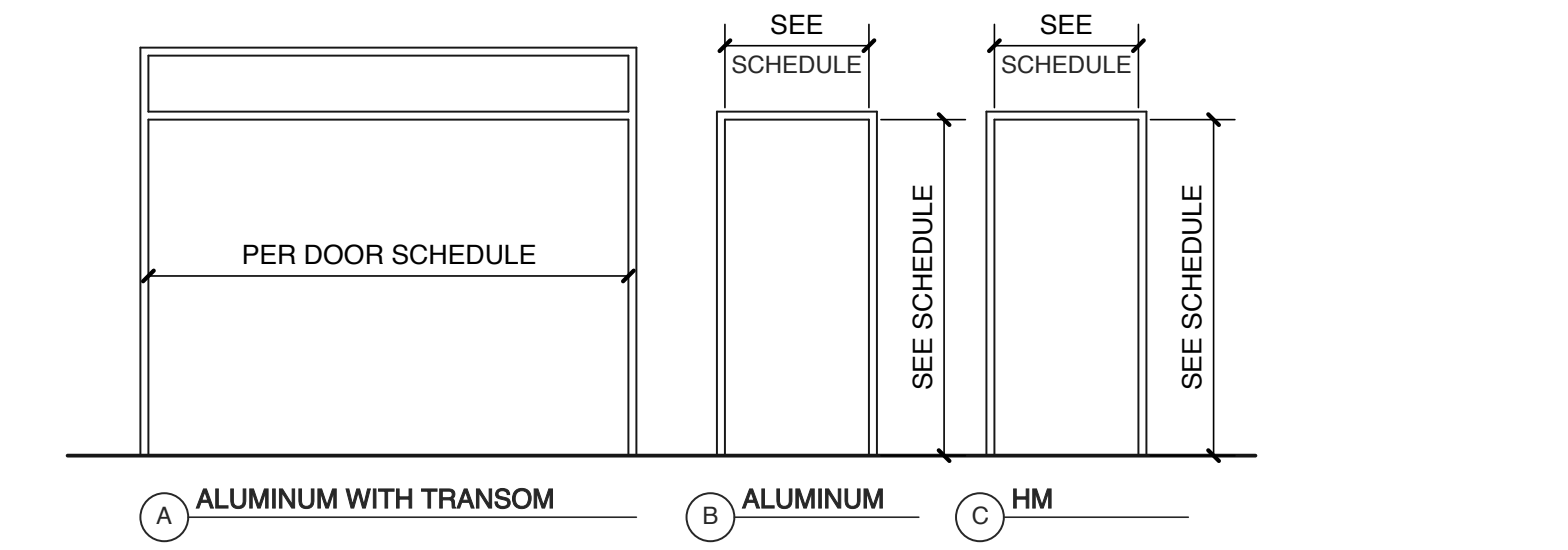
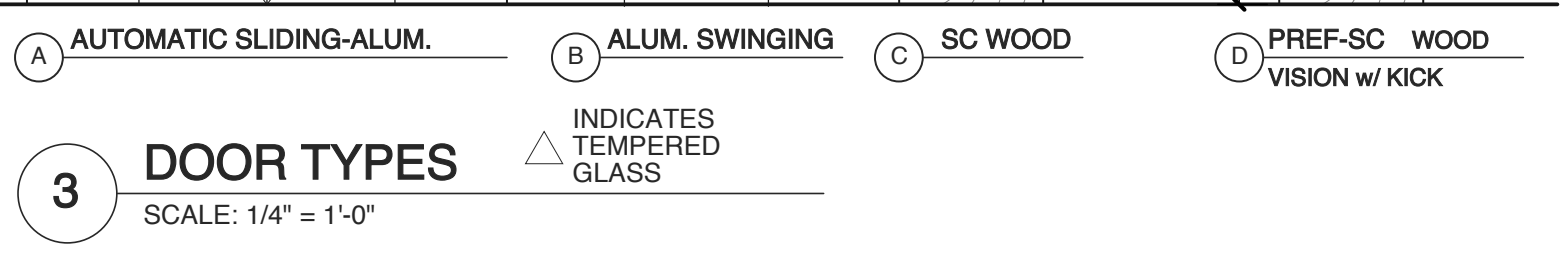
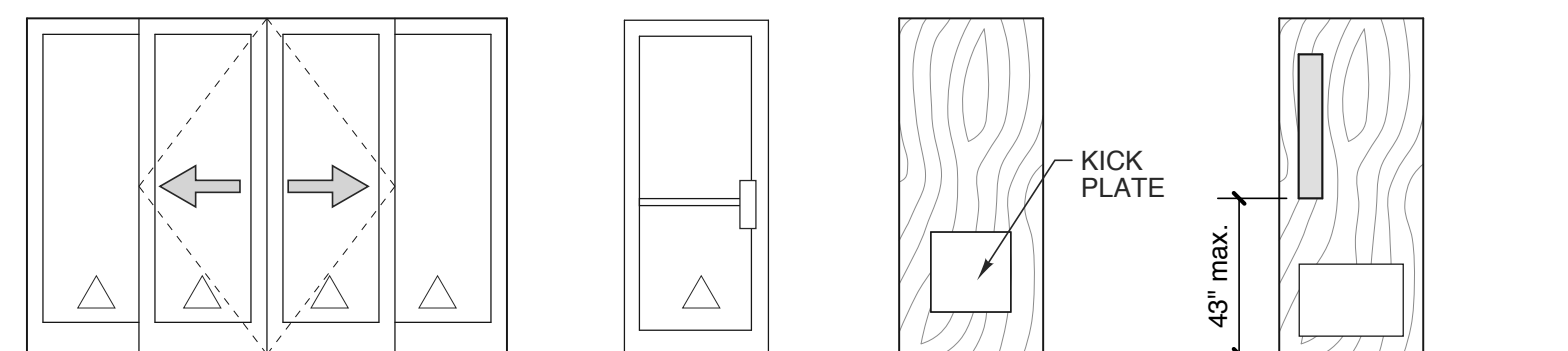
A 2.1

PLOT DATE 11/28/22
REVISION ---

This original sheet is 22" x 34"; other dimensions indicate it has been altered.
All information on this sheet is the property of W. S. Architects, PA and may not be duplicated in whole or in part without written authorization from W. S. Architects, PA. 2020 ©

DOOR SCHEDULE							
MARK	DOOR		FRAME			HWDR SET NO.	REMARKS
	SIZE	MAT'L	TYPE	TYPE	DETAILS		
1	12'-0" x 7'-0" x 1-3/4"	ALUM	A	B	6/A3.2	1	MATCH EXIST. MULLIONS/FINISH
2	12'-0" x 7'-0" x 1-3/4"	ALUM	A	B	6/A3.2	1	MATCH EXIST. MULLIONS/FINISH
3	3'-0" x 7'-0" x 1-3/4"	existing	---	---	---	---	---
4	3'-0" x 7'-0" x 1-3/4"	SC WD	D	C	8/A3.2	2	REPLACE DOOR, FRAME & HARDWARE
5	3'-0" x 7'-0" x 1-3/4"	SC WD	C	C	8/A3.2	3	REPLACE DOOR, FRAME & HARDWARE
6	3'-0" x 7'-0" x 1-3/4"	SC WD	C	C	8/A3.2	3	REPLACE DOOR, FRAME & HARDWARE
7	2'-0" x 7'-0" x 1-3/4"	existing	---	---	---	4	REPAINT DOOR - NEW HDW. REPLACE 12X12 LOUVER
8	2'-0" x 7'-0" x 1-3/4"	existing	---	---	---	4	REPAINT DOOR - NEW HDW. REPLACE 12X12 LOUVER
9	3'-0" x 7'-0" x 1-3/4"	SC WD	C	C	---	2	REPLACE DOOR, FRAME & HARDWARE
10	2-3'-0" x 7'-0" x 1-3/4"	ALUM	B	A	7/A3.2	5	MATCH EXIST. MULLIONS
11	2-3'-0" x 7'-0" x 1-3/4"	ALUM	B	A	7/A3.2	5	MATCH EXIST. MULLIONS

NOTES:	HARDWARE SETS
- COORDINATE KEYING OF HARDWARE WITH OWNER - DOOR HANDLES TO BE LEVER HANDLE - ALL DOORS TO MEET NCSBC SECTION 1609.1.2 - MATCH EXISTING FINISHES-TYP. - NEW ENTRANCE DOORS TO MEET ENERGY REQ. U-FACTOR = 0.77 MAX. SHCG = 0.25 MAX.	1. AUTOMATIC SLIDING W/EMERGENCY BREAK AWAY OPERATION 2. PASSAGE SET 3. STOREROOM FUNCTION LOCKSET 4. ADA CUP PULL (COL-405-15CC OR EQUAL) 5. PUSH / PULL HARDWARE SEE SPEC FOR MORE INFORMATION



SCOPE OF WORK NOTES

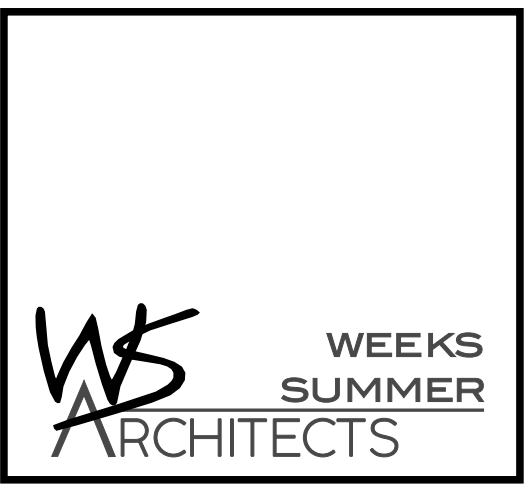
- REMOVE AND REPLACE EXISTING WALL TILE ON SINK WALLS
- REMOVE AND REPLACE EXISTING TOILET PARTITIONS AND ACCESSORIES.
- REMOVE AND REPLACE EXISTING LOBBY LIGHTS WITH NEW LED FIXTURES.
- PAINT ALL INTERIOR WALLS, CEILING AND METAL DOORS. SEE SCHEDULES.
- REFINISH AND/OR REPLACE EXISTING WOOD DOORS AND REPLACE HANDLESETS SEE DOOR SCHEDULE
- REMOVE AND REPLACE ALL INTERIOR BUILDING SIGNAGE
- REMOVE AND REPLACE WATER HEATER (NORTHS SIDE ONLY)
- REMOVE AND REPLACE ALL PLUMBING FIXTURES
- PAINT INTERIOR OF VENDING BUILDING
- REPLACE VENDING BUILDING FRONT & REAR ENTRY DOORS

NOTES

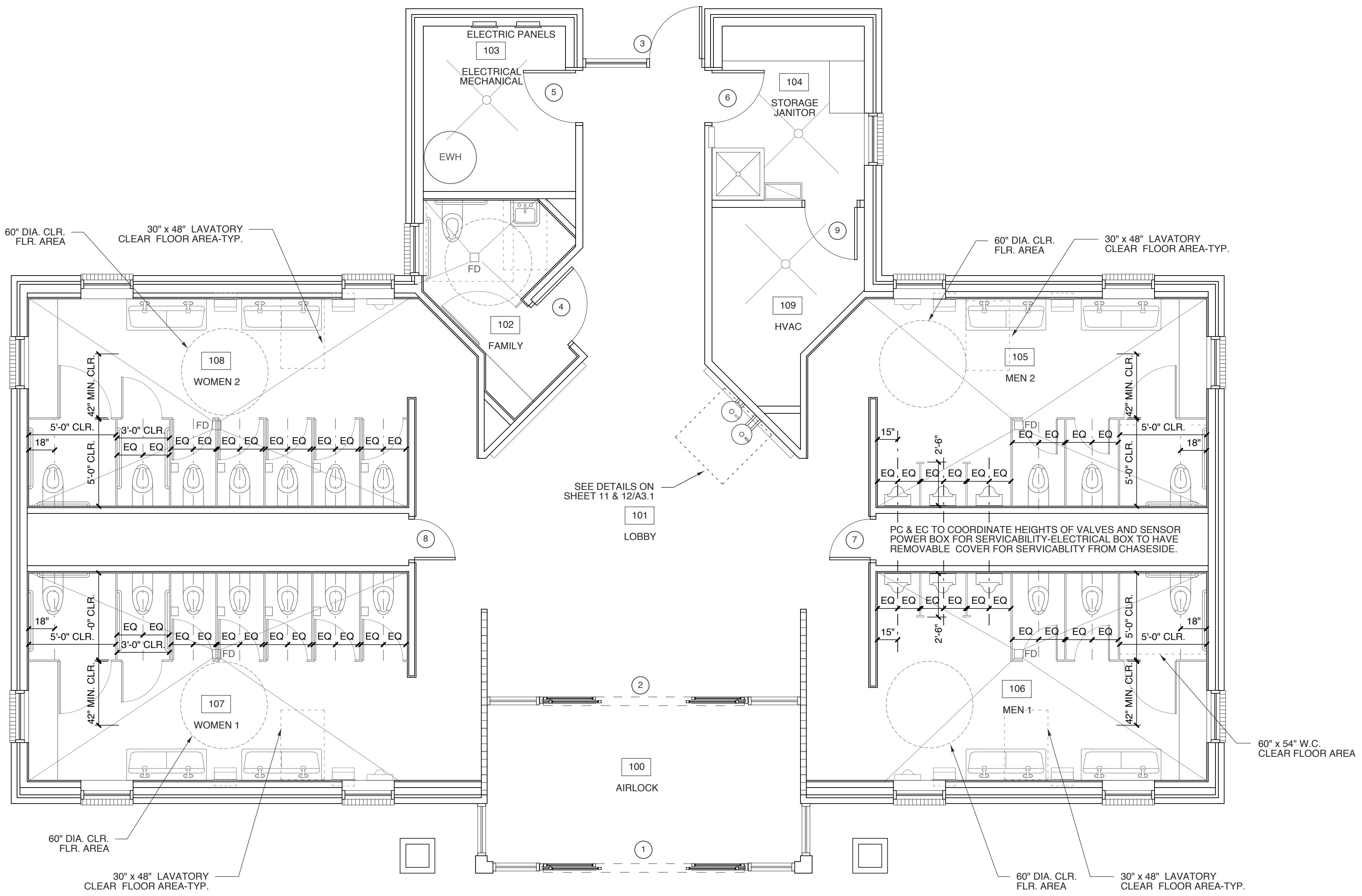
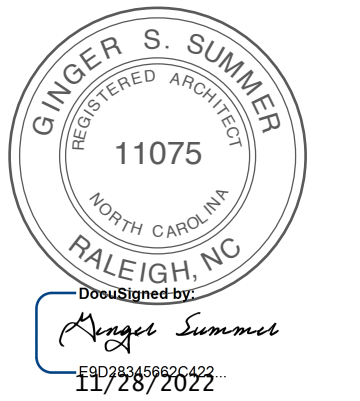
1. CONTRACTOR TO SUPPLY ALL BLOCKING NEEDED TO SUPPORT REQUIRED RESTROOM ITEMS UNLESS OTHERWISE NOTED OR STATED PER MANF.
2. VERIFY ALL ROUGH OPENING DIMENSIONS WITH MANUFACTURERS REQUIREMENTS
3. SEE SHEET A1.3 FOR FINISH INFORMATION

WALL LEGEND

- EXIST. EXT. WALL
4" BRICK VENEER W/ AIR SPACE AND WOOD FRAMING
- EXIST. INT. WALL
WOOD FRAMING
- EXIST. TO BE REMOVED



W. S. ARCHITECTS, PA
3305-109 Durham Drive
Raleigh, North Carolina 27603
919.779.9797
www.wsarchitectspa.com



1 FLOOR PLAN - NORTH BOUND
SCALE: 1/4" = 1'-0"

WBS# 15RE.16.3

PROJECT TITLE
I-95 JOHNSTON CITY
NORTH BOUND
I-95 JOHNSTON CITY
SELMA, NORTH CAROLINA

PROJECT NO.
2204a
DRAWING TITLE
FLOOR PLAN

SHEET 6 OF 9

A 2.2

PLOT DATE 11/28/22
REVISION ---

This original sheet is 22" x 34"; other dimensions indicate it has been altered.
All information on this sheet is the property of W. S. Architects, PA and may not be duplicated in whole or in part without written authorization from W. S. Architects, PA. 2020 ©

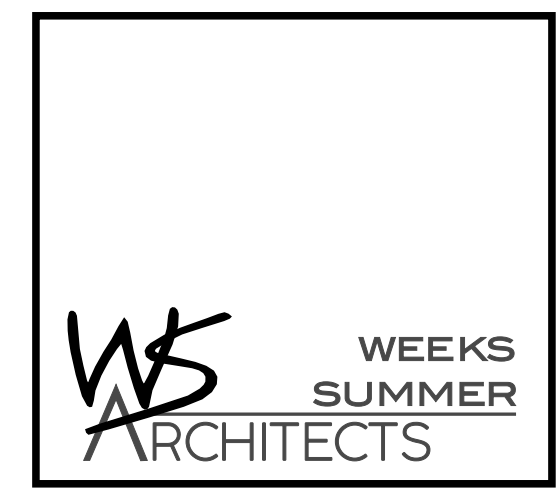
TOILET ACCESSORY SCHEDULE					
MARK	ITEM	MOUNT	MARK	ITEM	MOUNT
A	SURFACE-MOUNTED MULTI-ROLL TOILET TISSUE DISPENSER (B-2892)	28" MIN. 48" MAX. A.F.S.	H	RECESSED CONV. PAPER TOWEL DISP. AND WASTE RECEPTACLE (B-3944)	RE: ELEV.
B	AUTOMATIC HANDS FREE LIQUID SOAP DISPENSER (AJW U135 EA)	42" MAX. A.F.S.	J	WELDED FRAME MIRROR (B-2908-1828)	RE: ELEV.
C	36" HORIZONTAL GRAB BAR (B-6806.99 X 36)	33"-36" A.F.S.	K	WELDED FRAME MIRROR (B-2908-1860)	RE: ELEV.
D	42" HORIZONTAL GRAB BAR (B-6806.99 X 42)	33"-36" A.F.S.	L	AUTOMATIC HAND DRYER EXCEL XLERATOR XL-SB	48" A.F.S.
E	18" VERTICAL GRAB BAR (B-6806.99 X 18)	RE: ELEV.	M	not used	---
F	RECESSED SANITARY NAPKIN DISPOSAL (B-4353)	25"-30" A.F.S.	N	RECESSED FOLDED PAPER TOWEL DISP. AND WASTE RECEPTACLE (B-43944) (ALT. FOR FAMILY ROOM)	RE: ELEV.
G	PARTITION MOUNTED SANITARY NAPKIN DISPOSAL (B-4354)	25"-30" A.F.S.			

MANUFACTURER: BOBRICK WASHROOM EQUIPMENT U.N.O. OR APPROVED EQUAL-SEE SPECIFICATION
FINISH: SATIN STAINLESS STEEL
NOTE: GC TO INSTALL BLOCKING FOR ALL TOILET ACCESSORIES AND TOILET PARTITIONS AS REQ'D

TILE LEGEND	
basis of design	STONEPEAK PLANE 2.0 SIERRA GREY, POLISHED, 60" x 60"
alt. selection	ROCA SLABS CONCRETE GRAY, POLISHED, 48" x 48"
ALT. SELECTION TO BE USED ONLY IN THE CASE OF THE B.O.D. NOT BEING AVAILABLE IN TIME SPAN OF PROJECT.	

SIGNAGE LEGEND	
(A)	WOMEN-1 PC. MILLED ALUM PER 2/A3
(B)	MEN-1 PC. MILLED ALUM PER 3/A3
(C)	FAMILY-1 PC. MILLED ALUM PER 1/A3
(D)	WOMEN-INDIVIDUAL LETTERS (6")
(E)	MEN-INDIVIDUAL LETTERS (6")
(F)	JANITOR-1 PC. MILLED ALUM PER 8/A3
(G)	ELECTRICAL-1 PC. MILLED ALUM SIM TO 6/A3
(H)	NO SMOKING-1 PC. MILLED ALUM SIM TO 6/A3

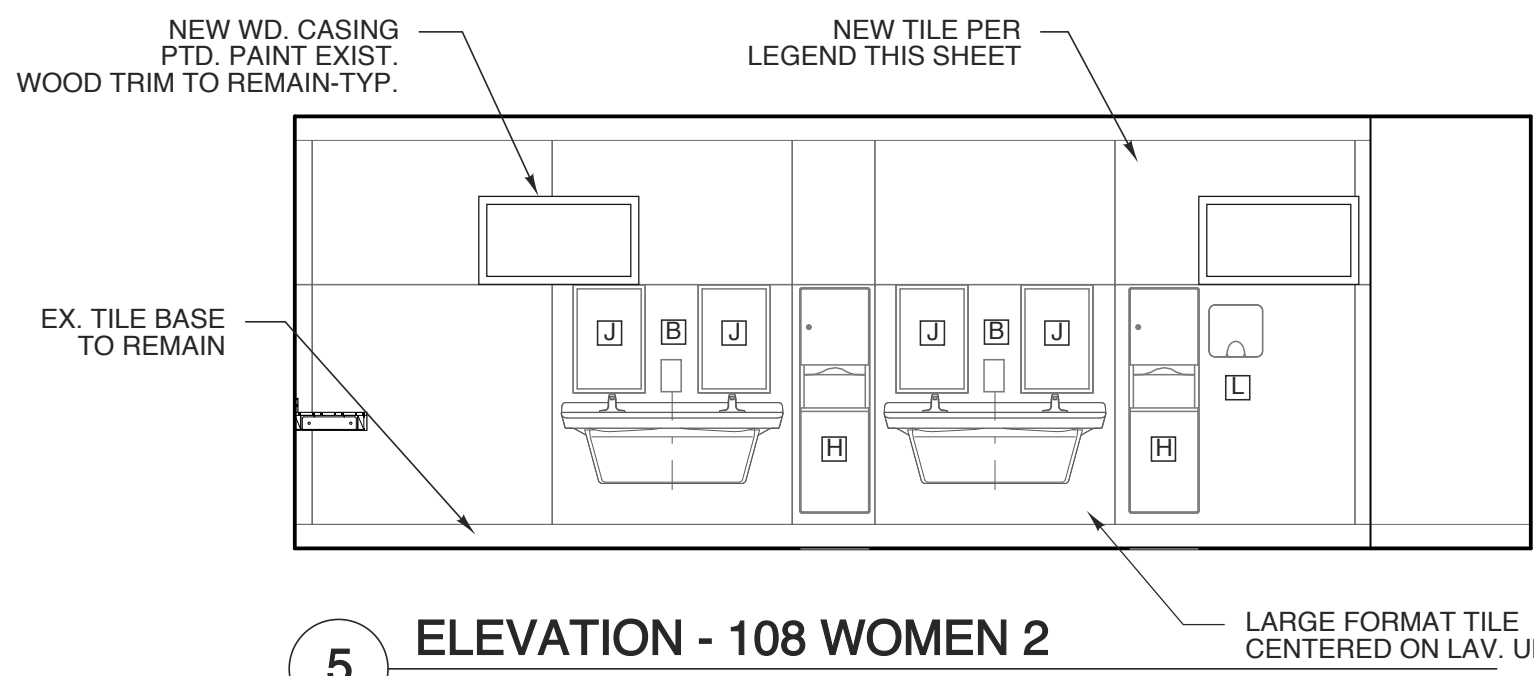
ROOM FINISH SCHEDULE									
MARK	ROOM NAME	FLOOR	BASE	WALL			WAINSCOT	CEILING MATERIAL	REMARKS / NOTES
				N	E	S			
100	AIRLOCK	existing	existing	PAINT EXIST.			---	REPAIR CRACKS PAINT EXIST.	---
101	LOBBY	existing	existing	PAINT EXIST.			---	REPAIR CRACKS PAINT EXIST.	---
102	FAMILY	existing	existing	PAINT EXIST.			POR. TILE SINK WALL	REPAIR CRACKS PAINT EXIST.	---
103	ELECTRICAL / MECHANICAL	---	---	PAINT EXIST.			---	---	---
104	STORAGE / JANITOR	VCT	RUBBER	PAINT EXIST.			FRP @ MOP SINK	REPAIR CRACKS PAINT EXIST.	---
105	MEN 2	existing	existing	PAINT EXIST.			POR. TILE SINK WALL	REPAIR CRACKS PAINT EXIST.	---
106	MEN 1	existing	existing	PAINT EXIST.			POR. TILE SINK WALL	REPAIR CRACKS PAINT EXIST.	---
107	WOMEN 1	existing	existing	PAINT EXIST.			POR. TILE SINK WALL	REPAIR CRACKS PAINT EXIST.	---
108	WOMEN 2	existing	existing	PAINT EXIST.			POR. TILE SINK WALL	REPAIR CRACKS PAINT EXIST.	---
109	ELECTRICAL / MECHANICAL	---	---	PAINT EXIST.			---	---	---



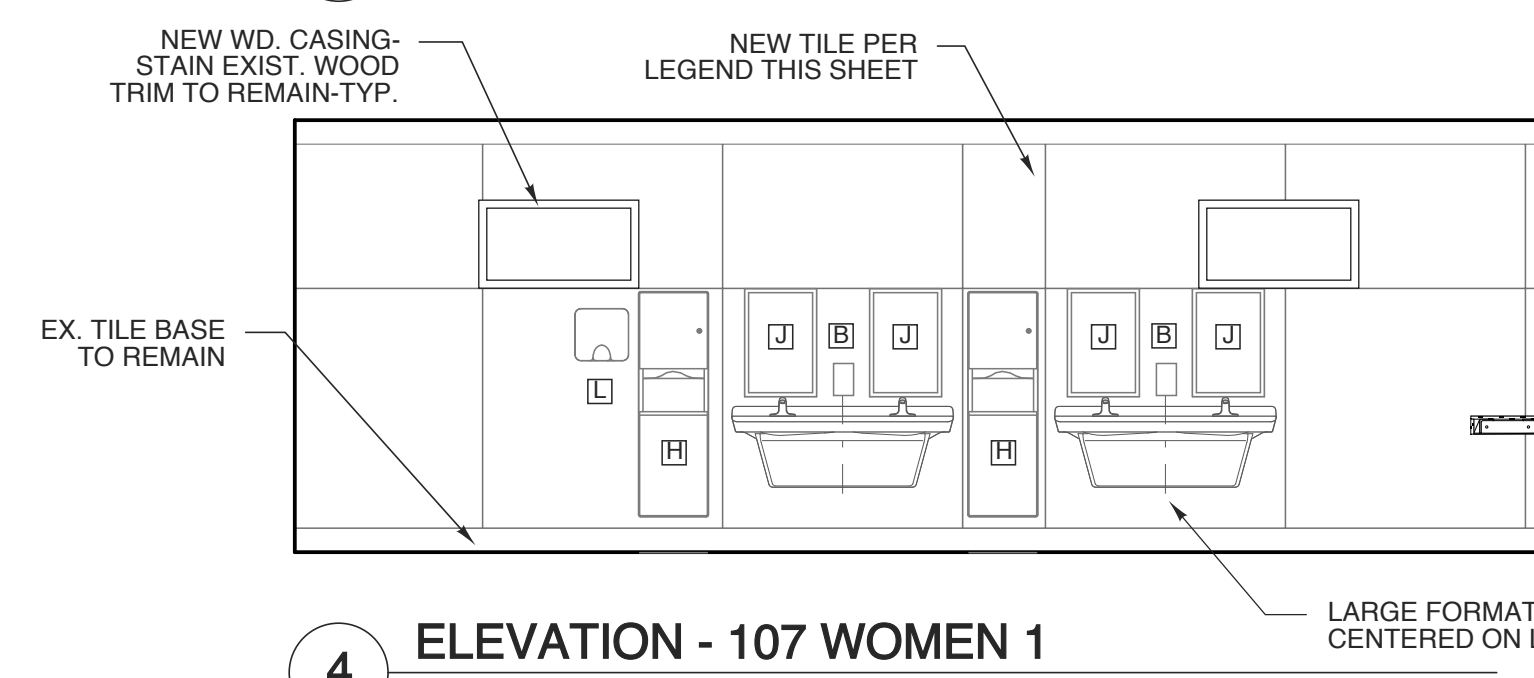
W. S. ARCHITECTS, PA
3305-109 Durham Drive
Raleigh, North Carolina 27603
919.779.9797
www.wsarchitectspa.com



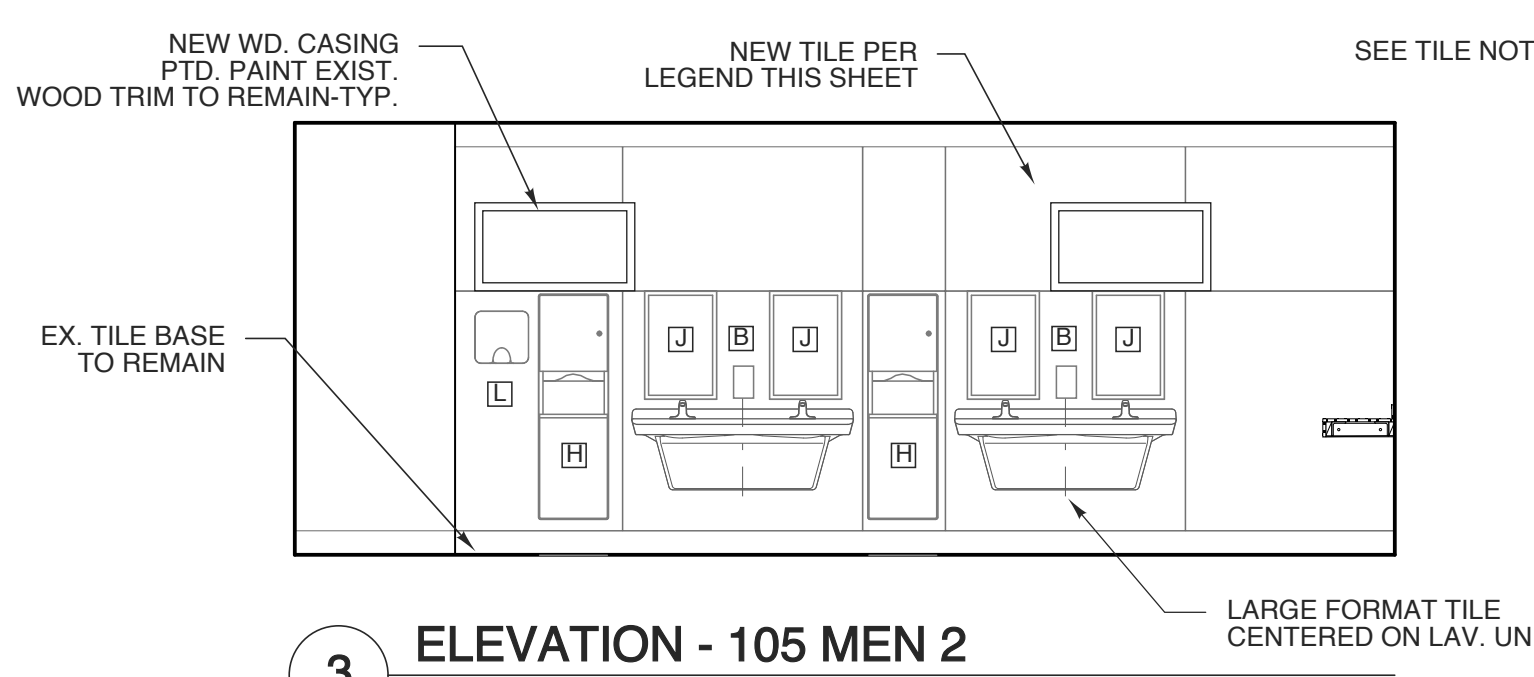
TILE NOTES	
1.	WALL TILE TO BE APPLIED TO CEMENT BOARD AS RECOMMENDED BY MANUFACTURER
2.	GROUT JOINTS TO BE 1/8"
3.	ALL GROUT TO BE EPOXY. CLEAN RESIDUE IN SMALL AREAS CLEAN SUCH THAT NO HAZE TO REMAIN.
4.	CAULK ALL INSIDE CORNERS AT TILE
5.	MAINTAIN EXIST. CONTROL JTS. IN TILE.
6.	STAGGER TILE PATTERN AT 1/3 TILE LENGTH.
7.	PLAN LAYOUT TO MINIMIZE TILES LESS THAN 1" LAYOUT ON PLAN FOR REFERENCE ONLY
8.	LIPPAGE TOLERANCE IS 1/32". KEEP TO MINIMUM.
9.	REPAIR EXIST. FLR. & WALL TILE AT OLD TOILET PARTITION CONNECTIONS WITH MATCHING EPOXY GROUT FOR SMALL HOLES. REPLACE TILE WITH MATCHING IF HOLE IS OVER 1/2" DIA.



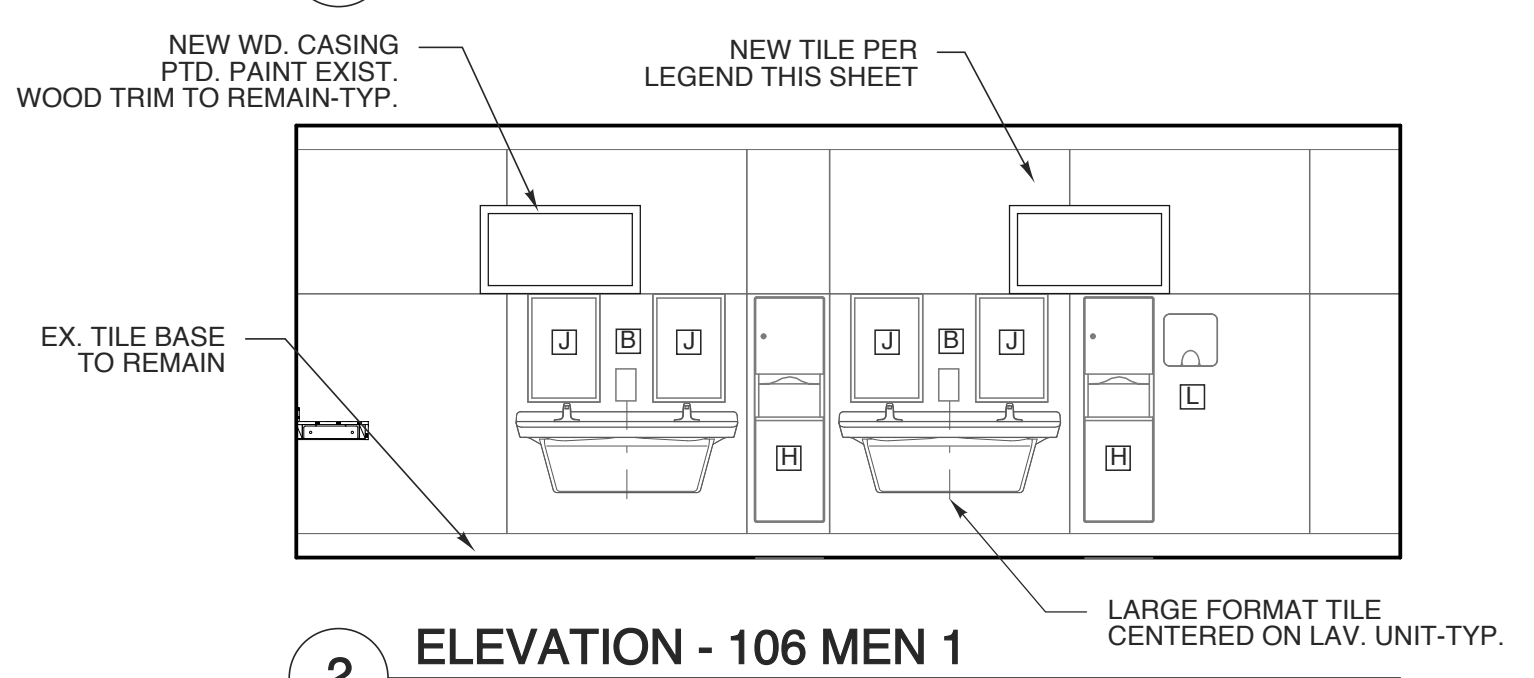
5 ELEVATION - 108 WOMEN 2
SCALE: 1/4" = 1'-0"



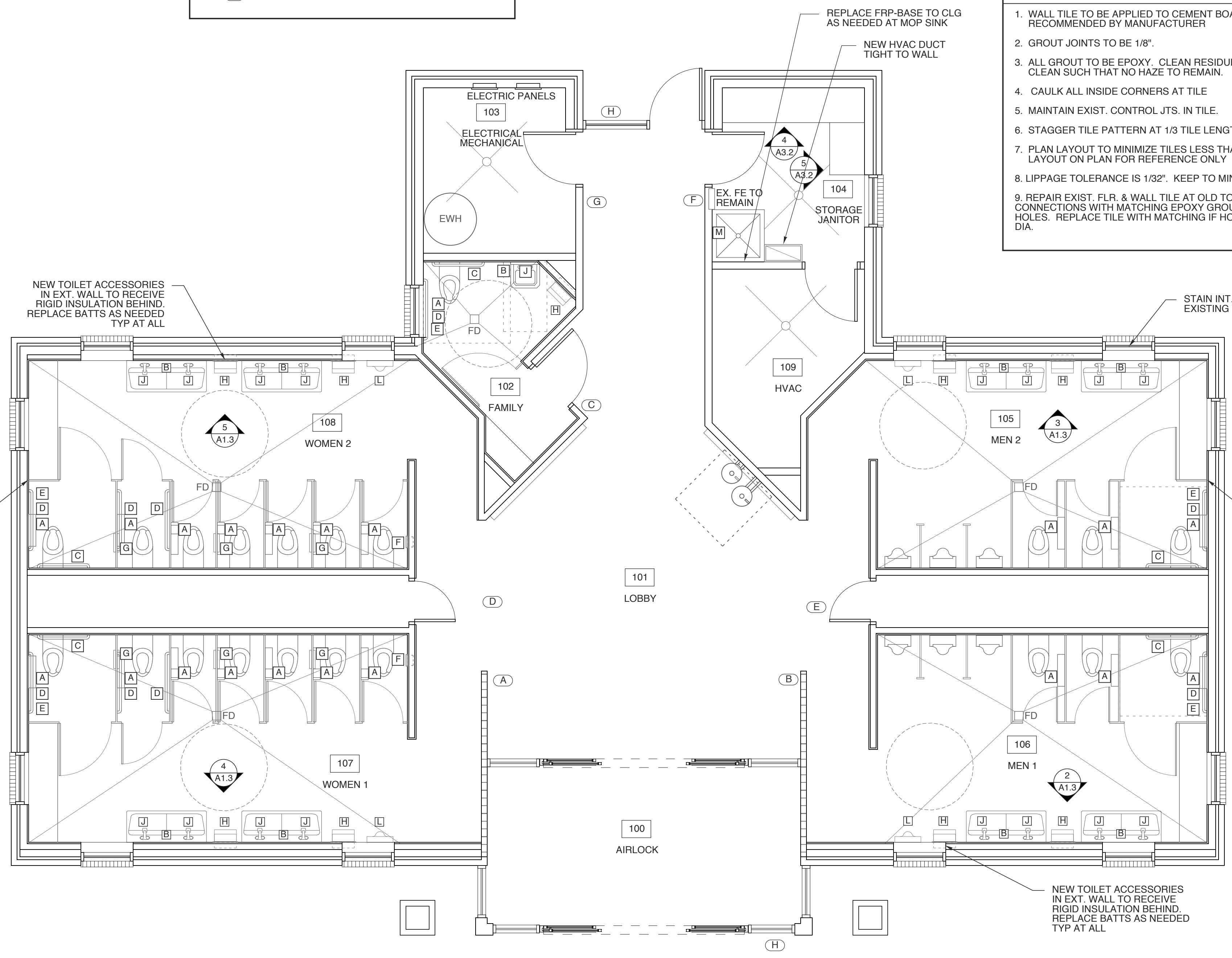
4 ELEVATION - 107 WOMEN 1
SCALE: 1/4" = 1'-0"



3 ELEVATION - 105 MEN 2
SCALE: 1/4" = 1'-0"



2 ELEVATION - 106 MEN 1
SCALE: 1/4" = 1'-0"



1 FLOOR PLAN - NORTH BOUTH
SCALE: 1/4" = 1'-0"

WBS# 15RE.16.3

PROJECT TITLE
I-95 JOHNSTON CITY

I-95 JOHNSTON CITY
SELMA, NORTH CAROLINA

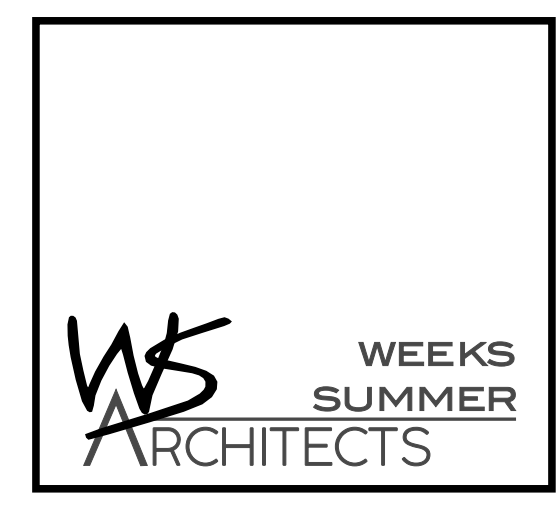
PROJECT NO.
2204a
DRAWING TITLE
FINISH PLAN

SHEET 7 OF 9

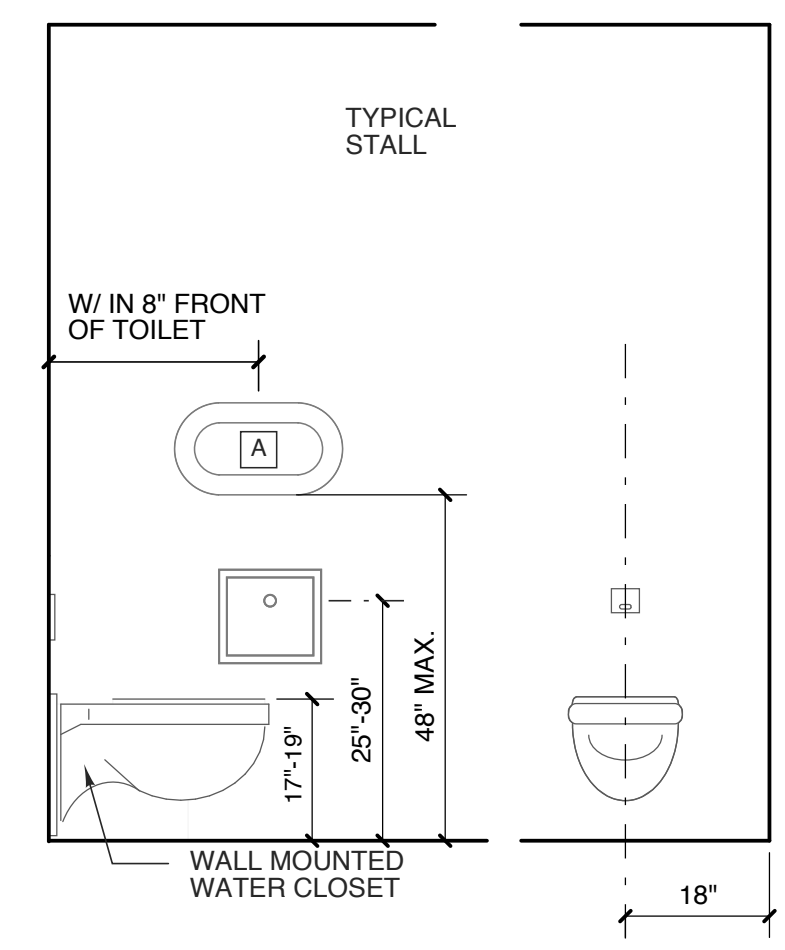
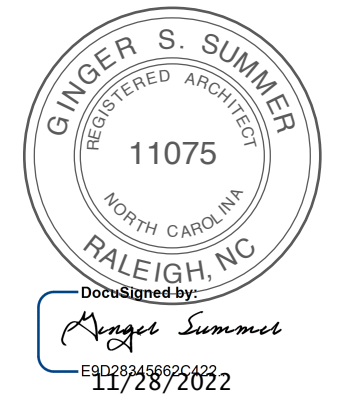
A 2.3

PLOT DATE 11/28/22
REVISION ---

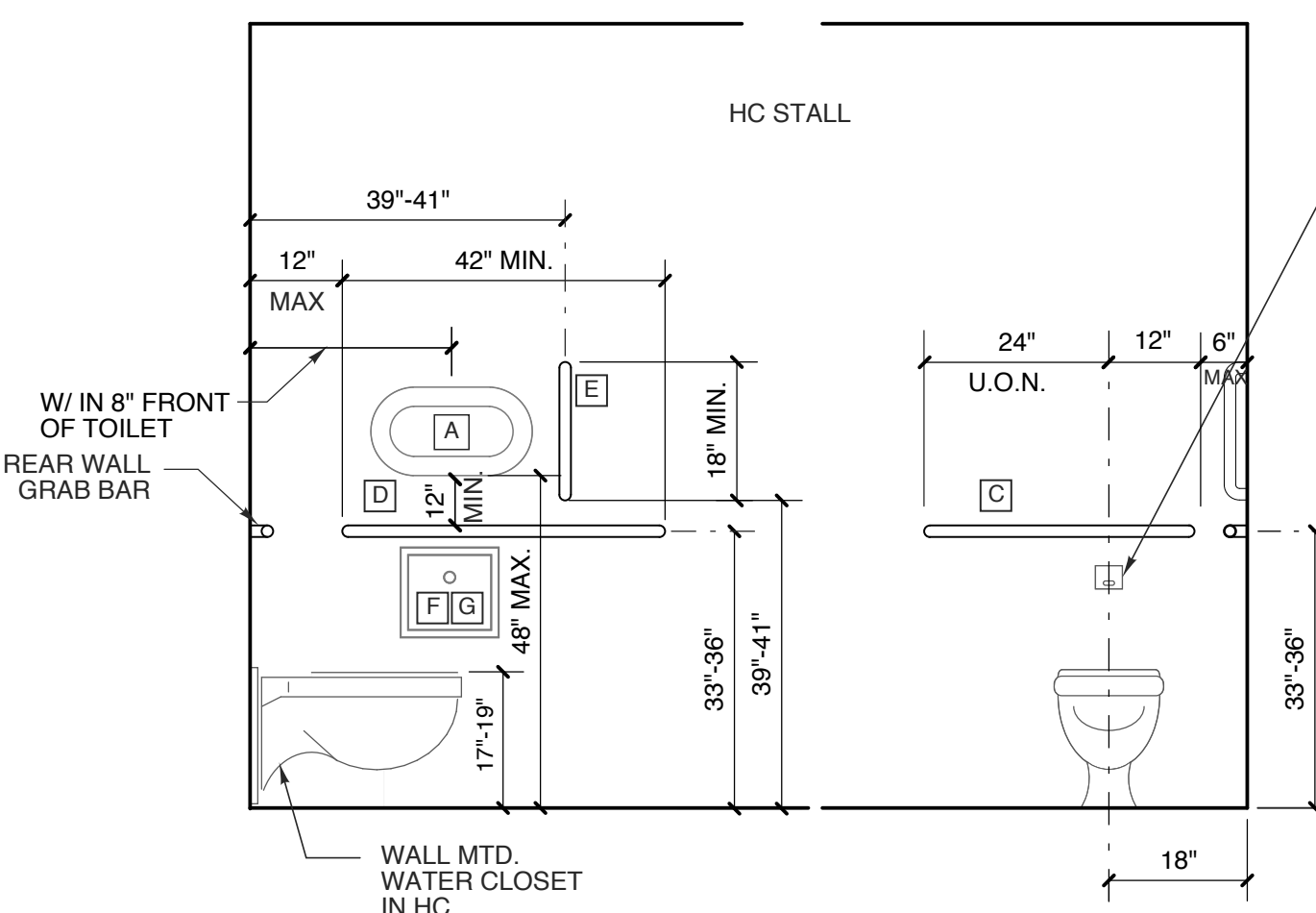
This original sheet is 22" x 34"; other dimensions indicate it has been altered.
All information on this sheet is the property of W. S. Architects, PA and may not be duplicated in whole or in part without written authorization from W. S. Architects, PA. 2020 ©



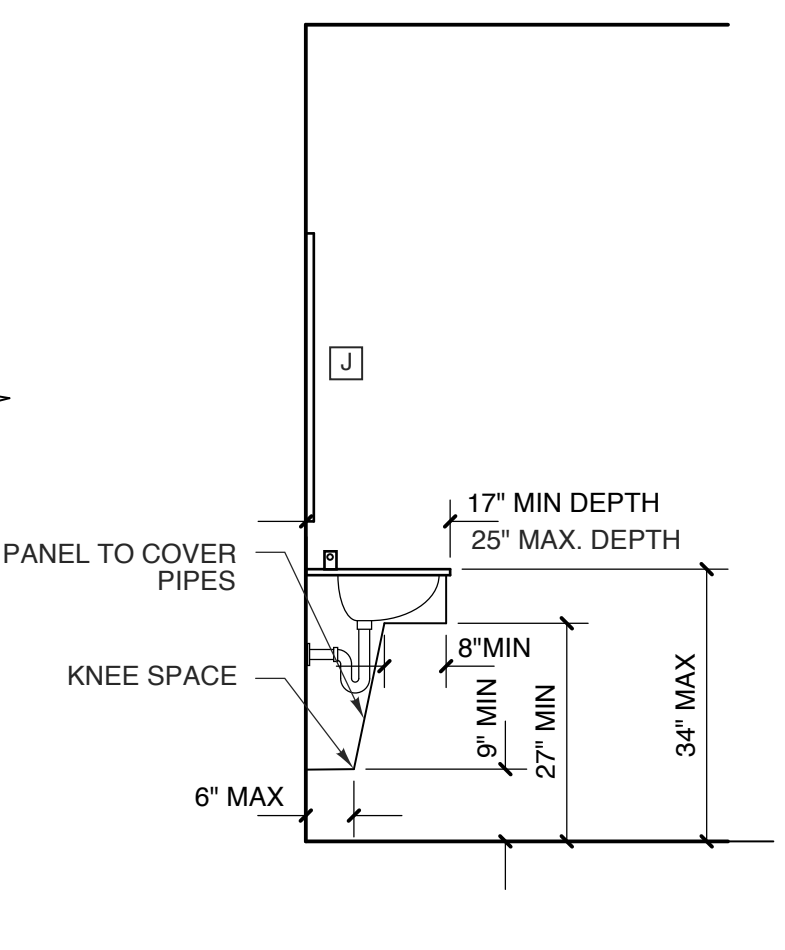
W. S. ARCHITECTS, PA
3305-109 Durham Drive
Raleigh, North Carolina 27603
919.779.9797
www.wsarchitectspa.com



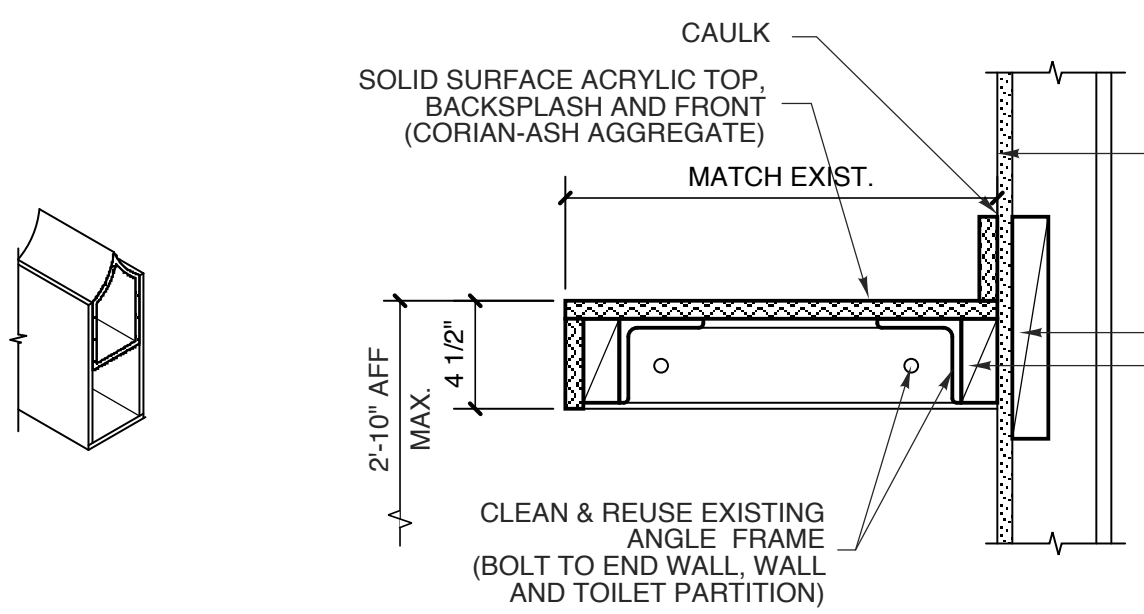
17 TYPICAL HEIGHTS



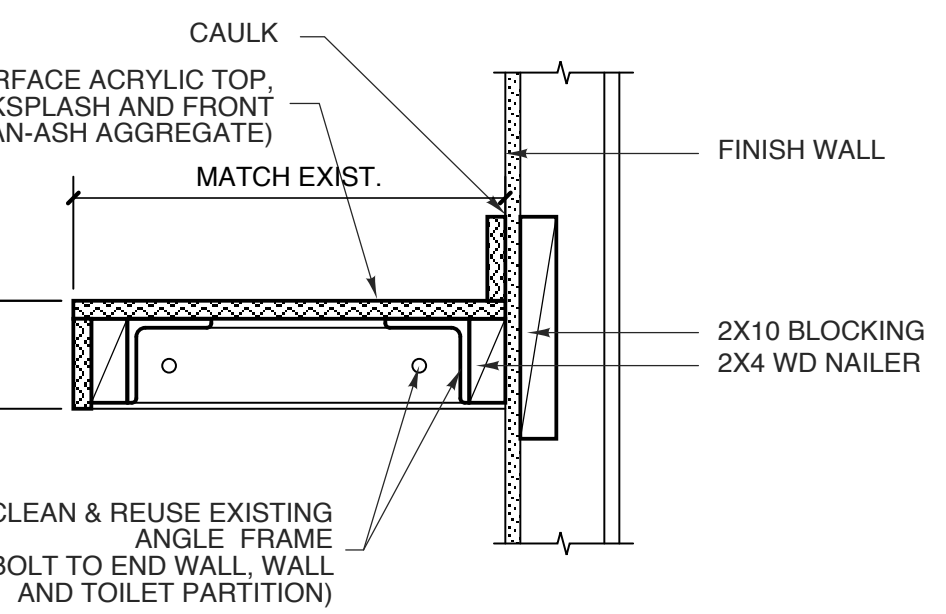
16 TYPICAL HEIGHTS



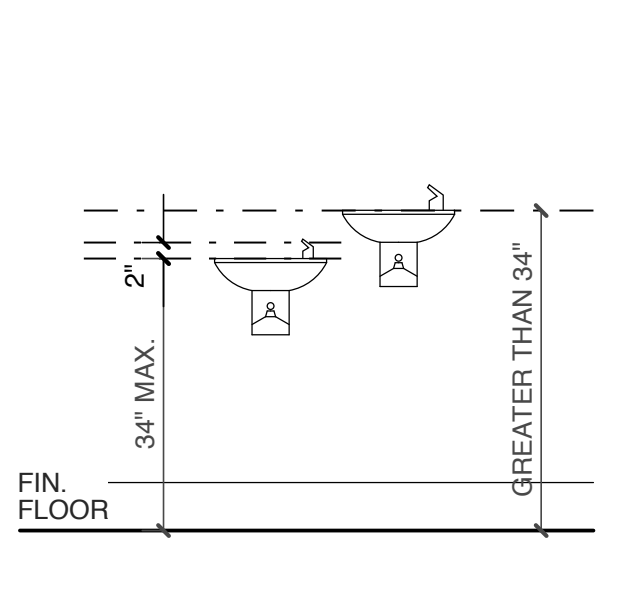
15 LAV. SECTION SCALE: 1/2" = 1'-0"



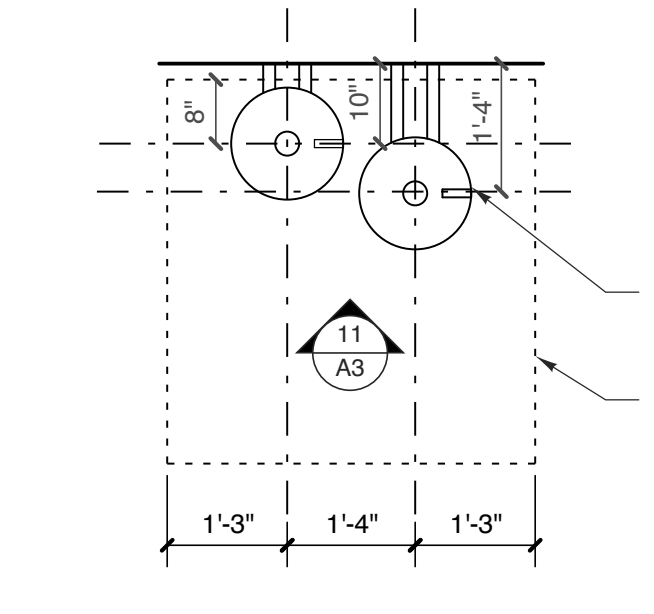
14 ANTI-GRIP HEADRAIL SCALE: NTS



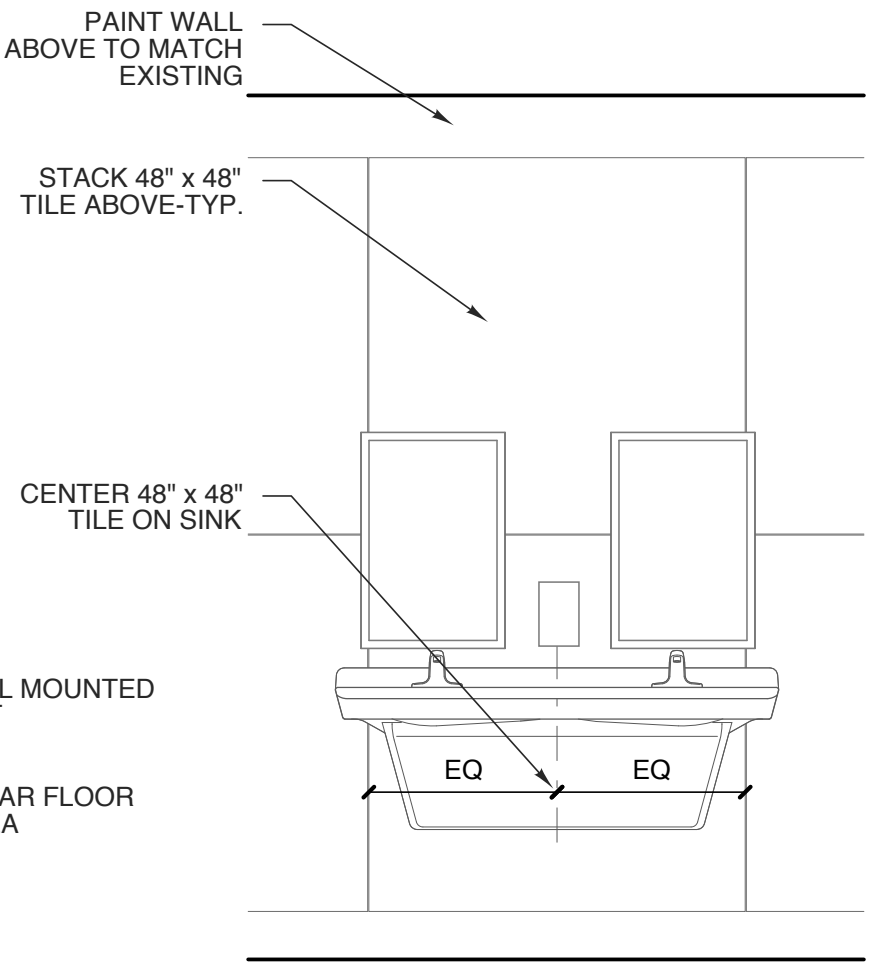
13 CHANGING TABLE SCALE: 1 1/2" = 1'-0"



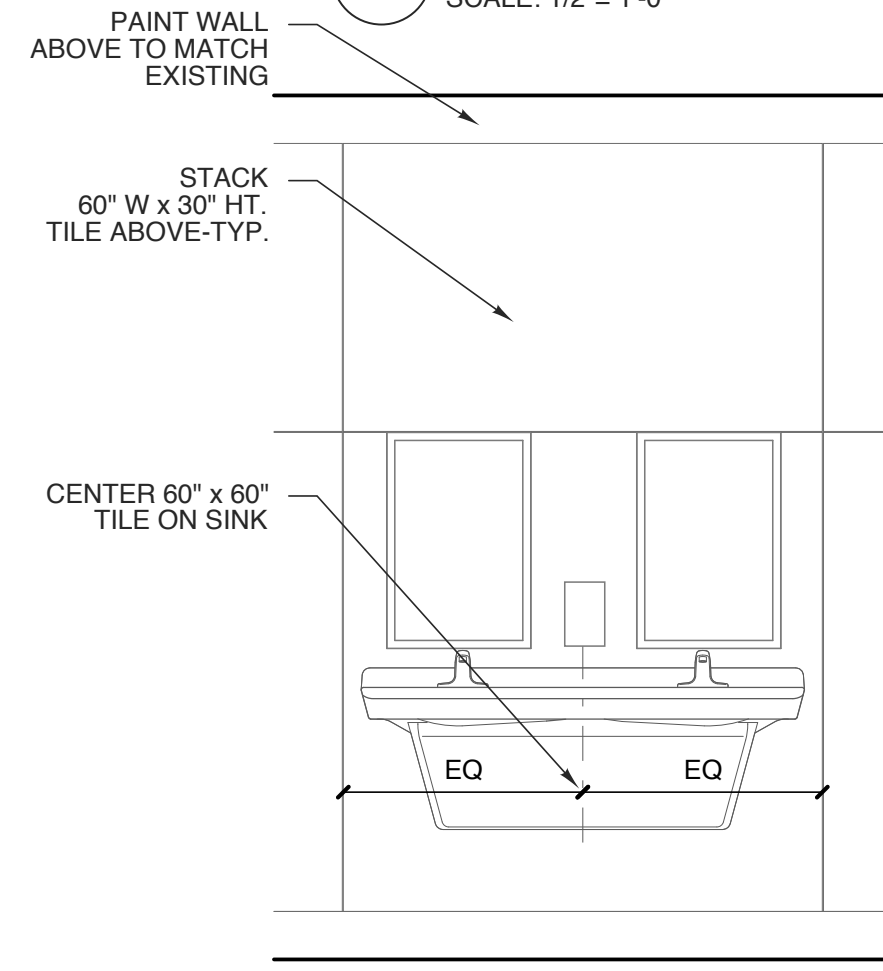
12 HC DF ELEVATION SCALE: 1/2" = 1'-0"



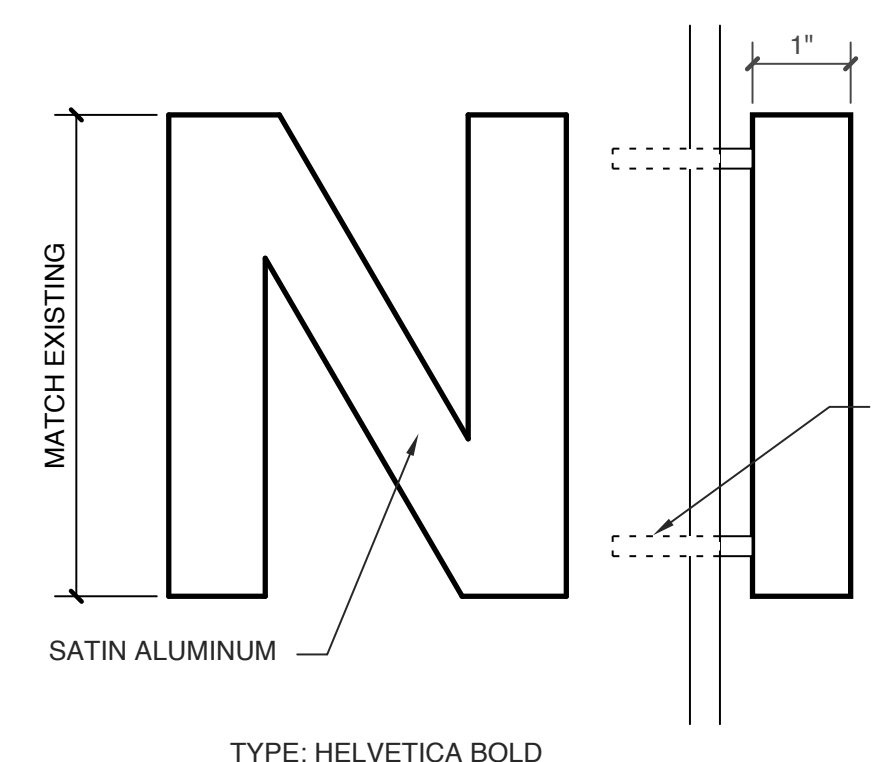
11 HC DF PLAN SCALE: 1/2" = 1'-0"



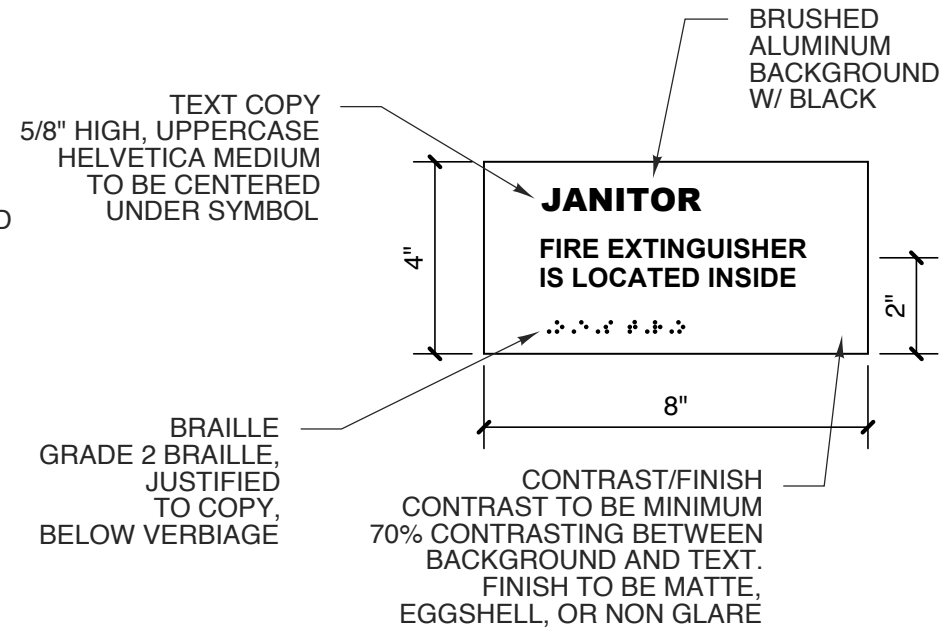
10 LAV. ELEV. - ALT. DESIGN SCALE: 1/2" = 1'-0"



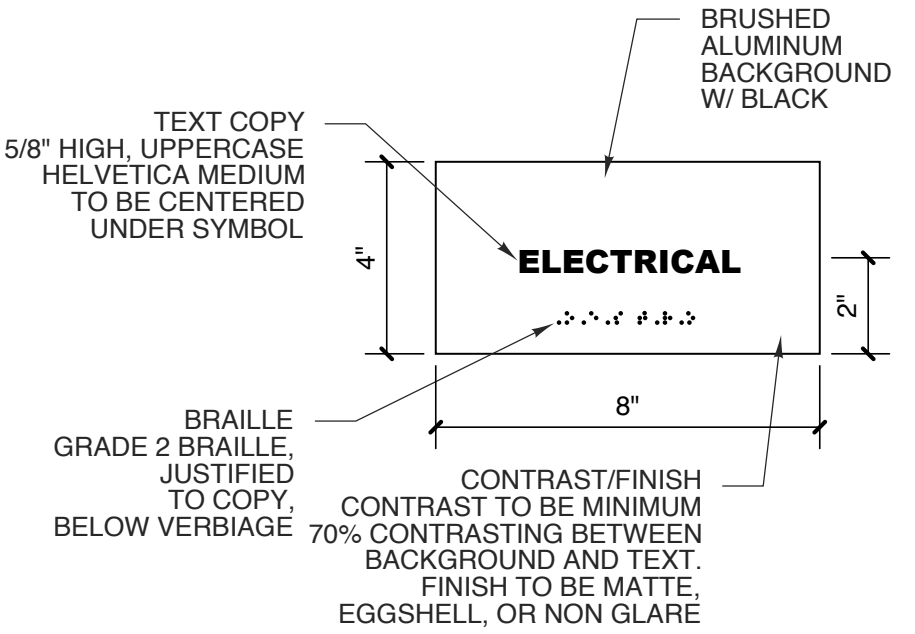
9 LAV. ELEV. - BASIS OF DESIGN SCALE: 1/2" = 1'-0"



7 DIM. LETTERS SCALE: 3" = 1'-0"



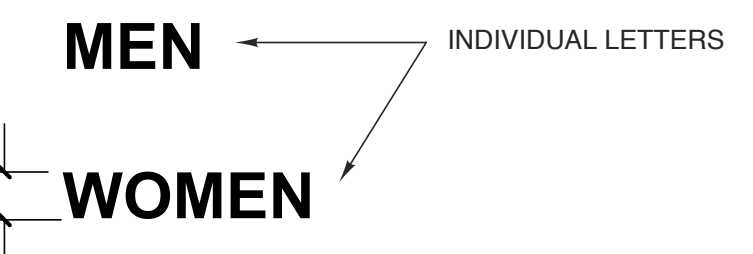
6 JANITOR SIGNAGE SCALE: 3" = 1'-0"



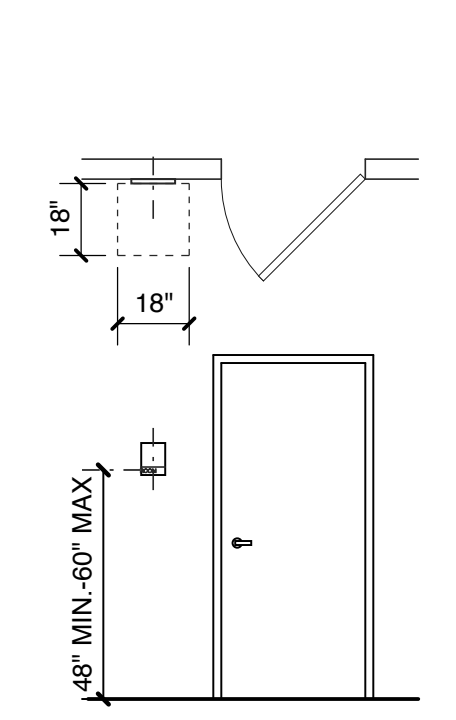
5 TYP. SIGNAGE SCALE: 3" = 1'-0"

SIGNAGE NOTES

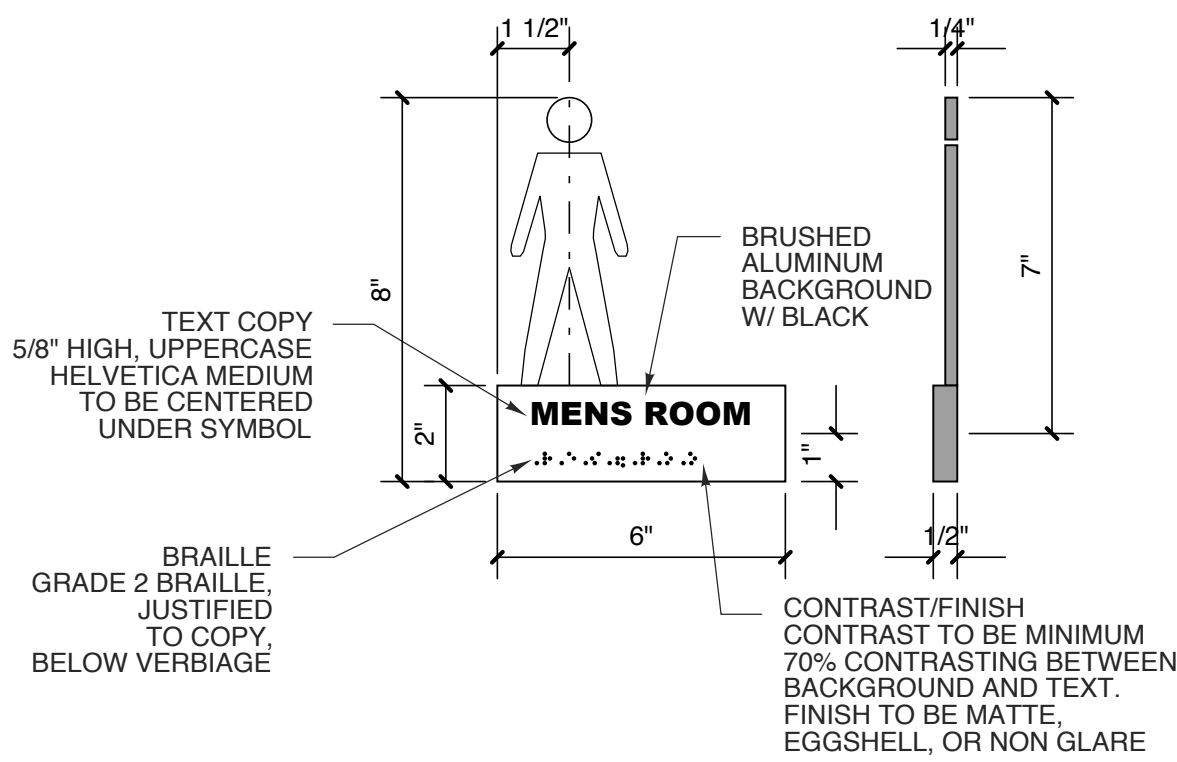
1. SIGNS TO BE CAST ALUMINUM
2. RAISED METAL BEAD BRILLE
3. BLACK SILK SCREENED LETTERING
4. HELVETICA BOLD FONT, 3/8" TEXT HT. INDIVIDUAL METAL LETTERS TO BE 1/4" THICK MILLED BRUSHED ALUMINUM PLATE
5. SIGNAGE SHALL COMPLY WITH ICC A117.1-2009, CH. 7
6. BOTTOM OF SIGN TO BE PER 4/A3



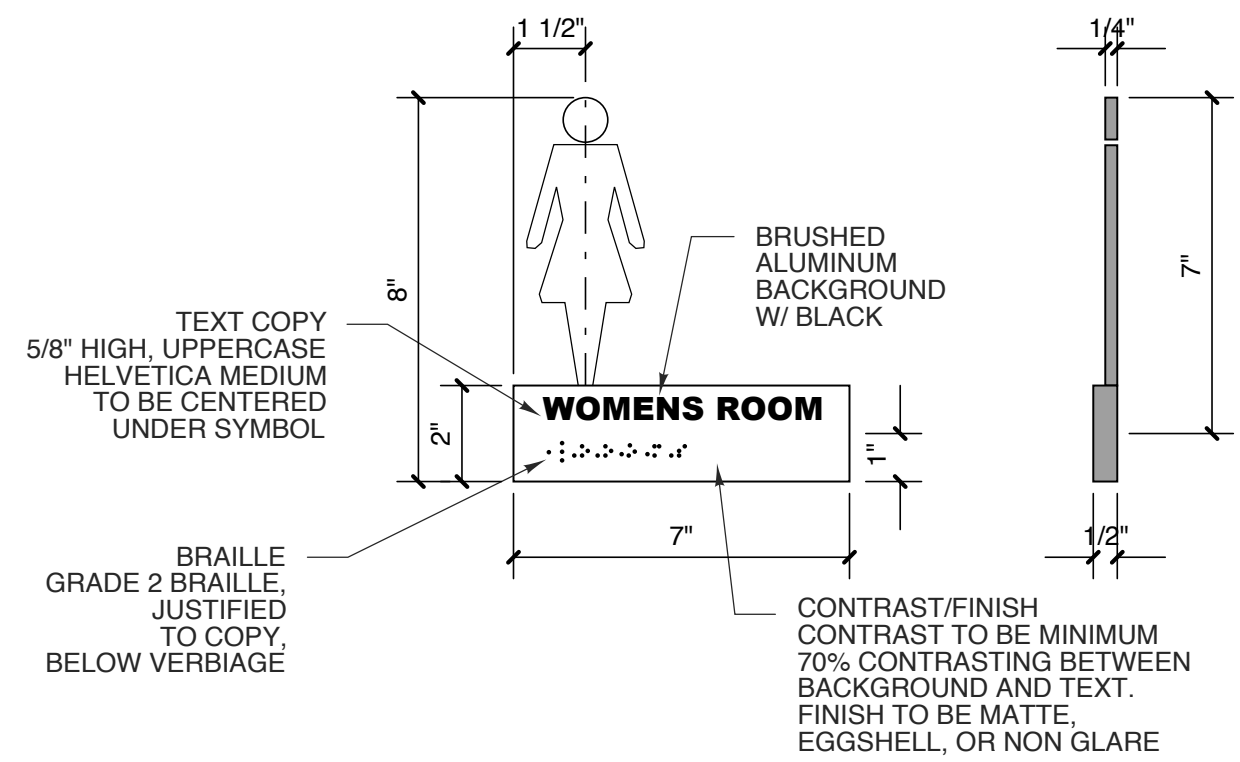
8 INT. INDIV. LETTERS SCALE: 3" = 1'-0"



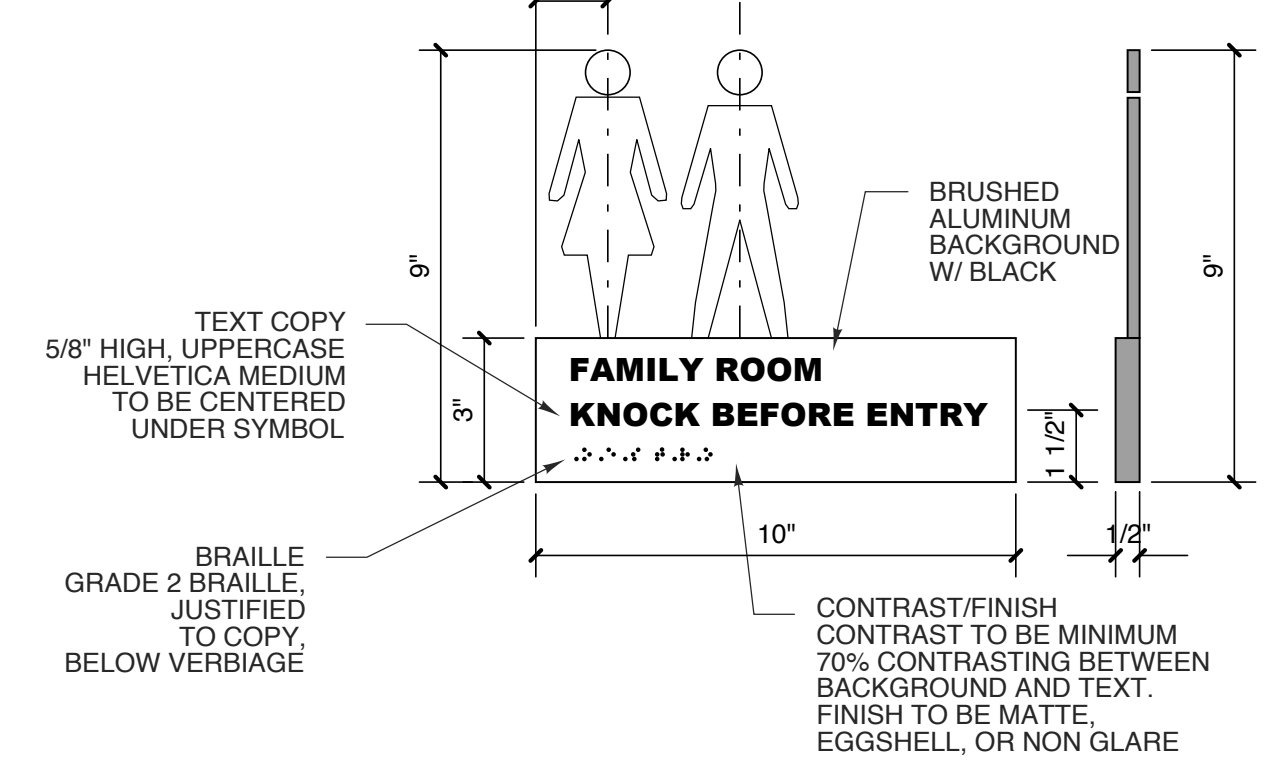
4 SIGNAGE PLACEMENT SCALE: 1/4" = 1'-0"



3 MEN'S ROOM SIGNAGE SCALE: 3" = 1'-0"



2 WOMEN'S ROOM SIGNAGE SCALE: 3" = 1'-0"



1 FAMILY ROOM SIGNAGE SCALE: 3" = 1'-0"

WBS# 15RE.16.3

PROJECT TITLE
I-95 JOHNSTON CITY both NB & SB
I-95 JOHNSTON CITY
SELMA, NORTH CAROLINA

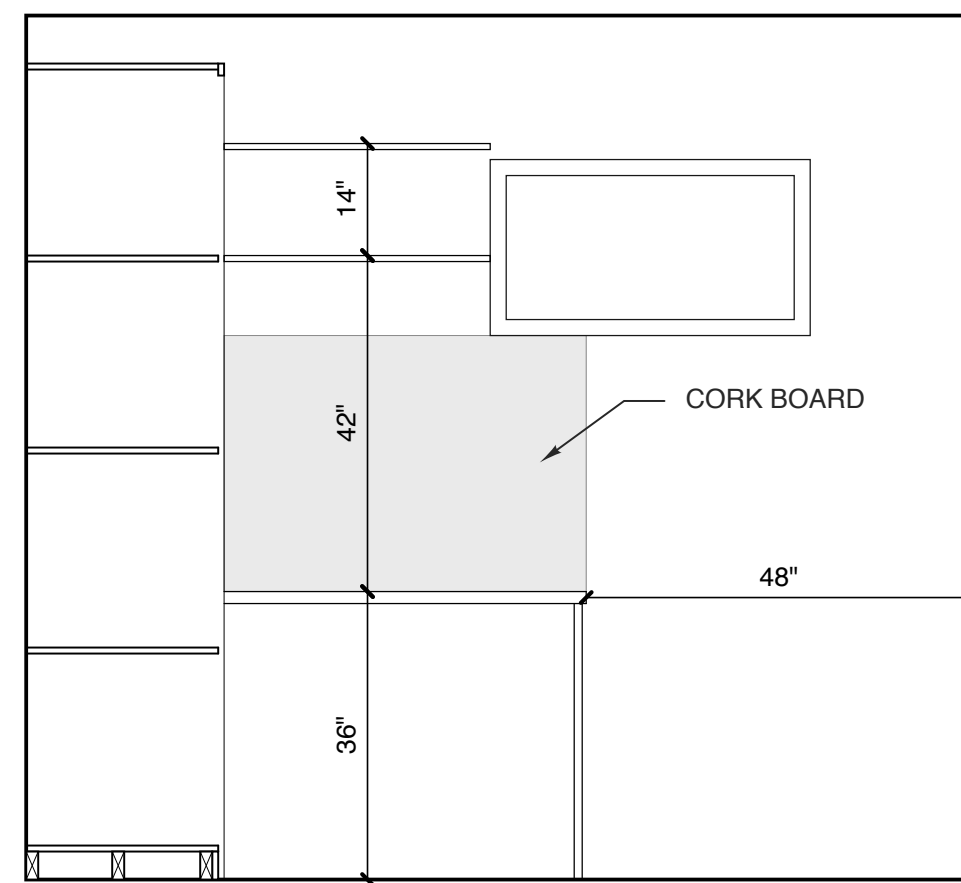
PROJECT NO.
2204a
DRAWING TITLE
DETAILS

SHEET 8 OF 9

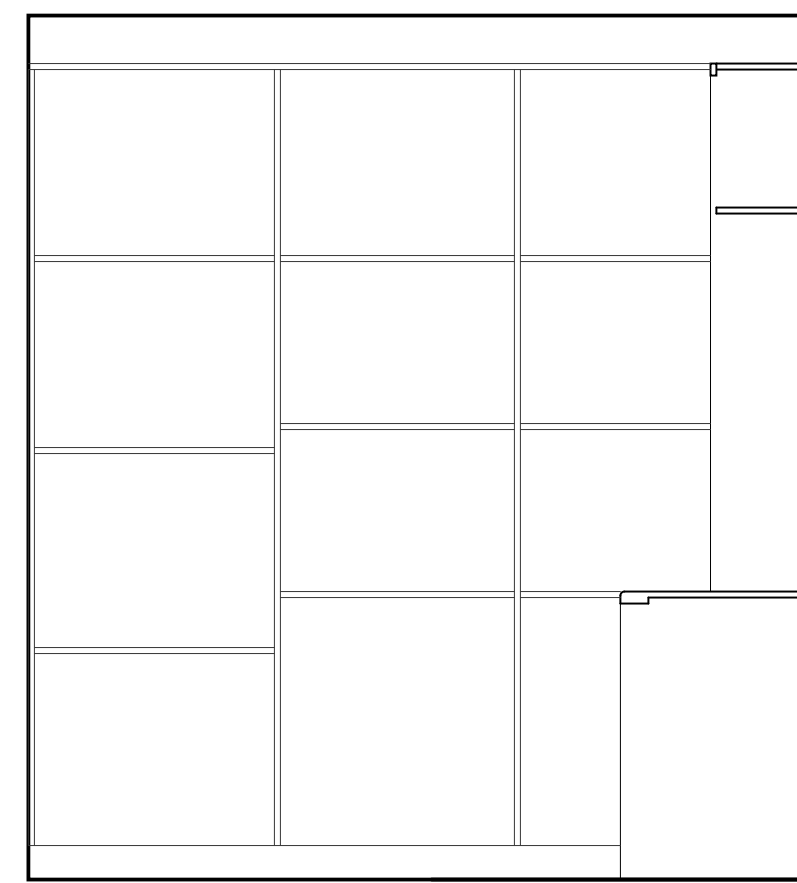
A3.1

PLOT DATE 11/28/22
REVISION ---

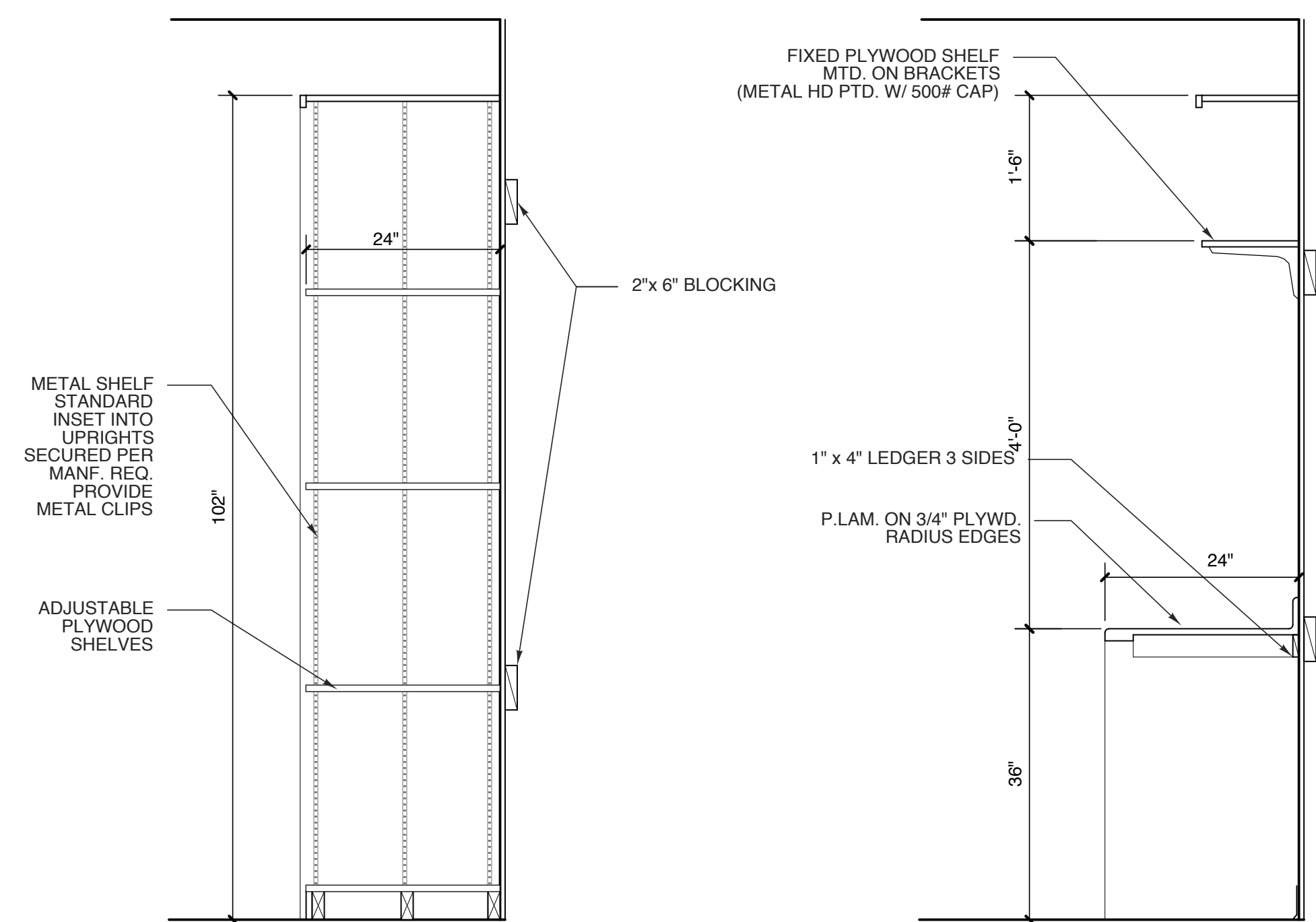
This original sheet is 22" x 34"; other dimensions indicate it has been altered.
All information on this sheet is the property of W. S. Architects, PA and may not be duplicated in whole or in part without written authorization from W. S. Architects, PA. 2020 ©



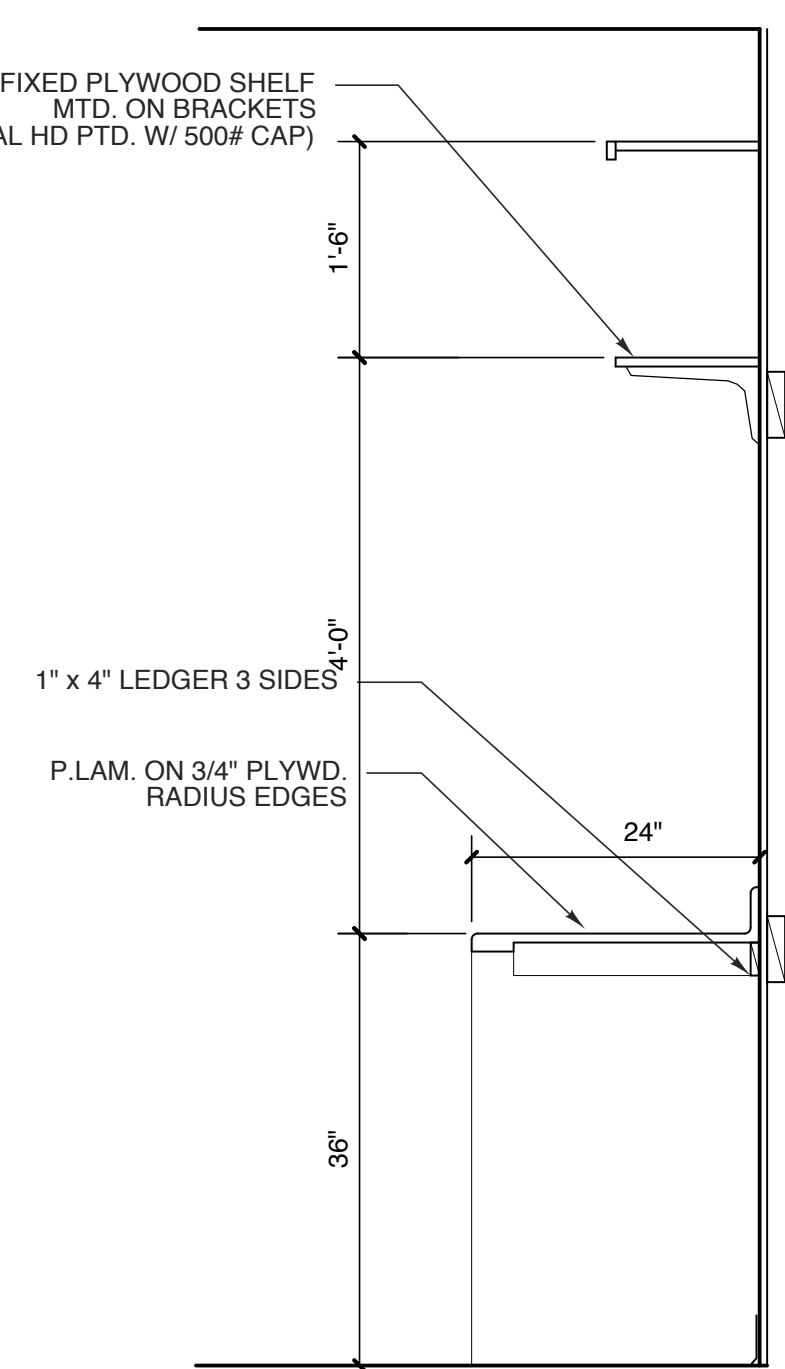
5 ELEV. - JANITOR
SCALE: 1/2" = 1'-0"



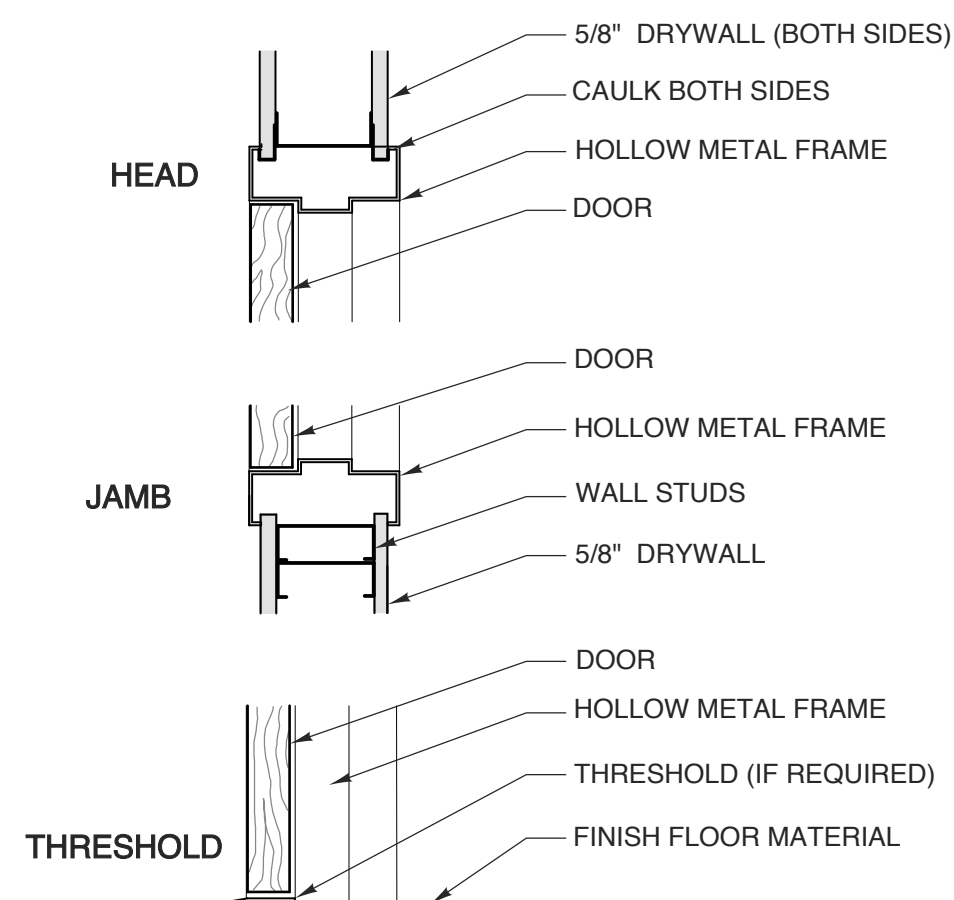
4 ELEV. - JANITOR
SCALE: 1/2" = 1'-0"



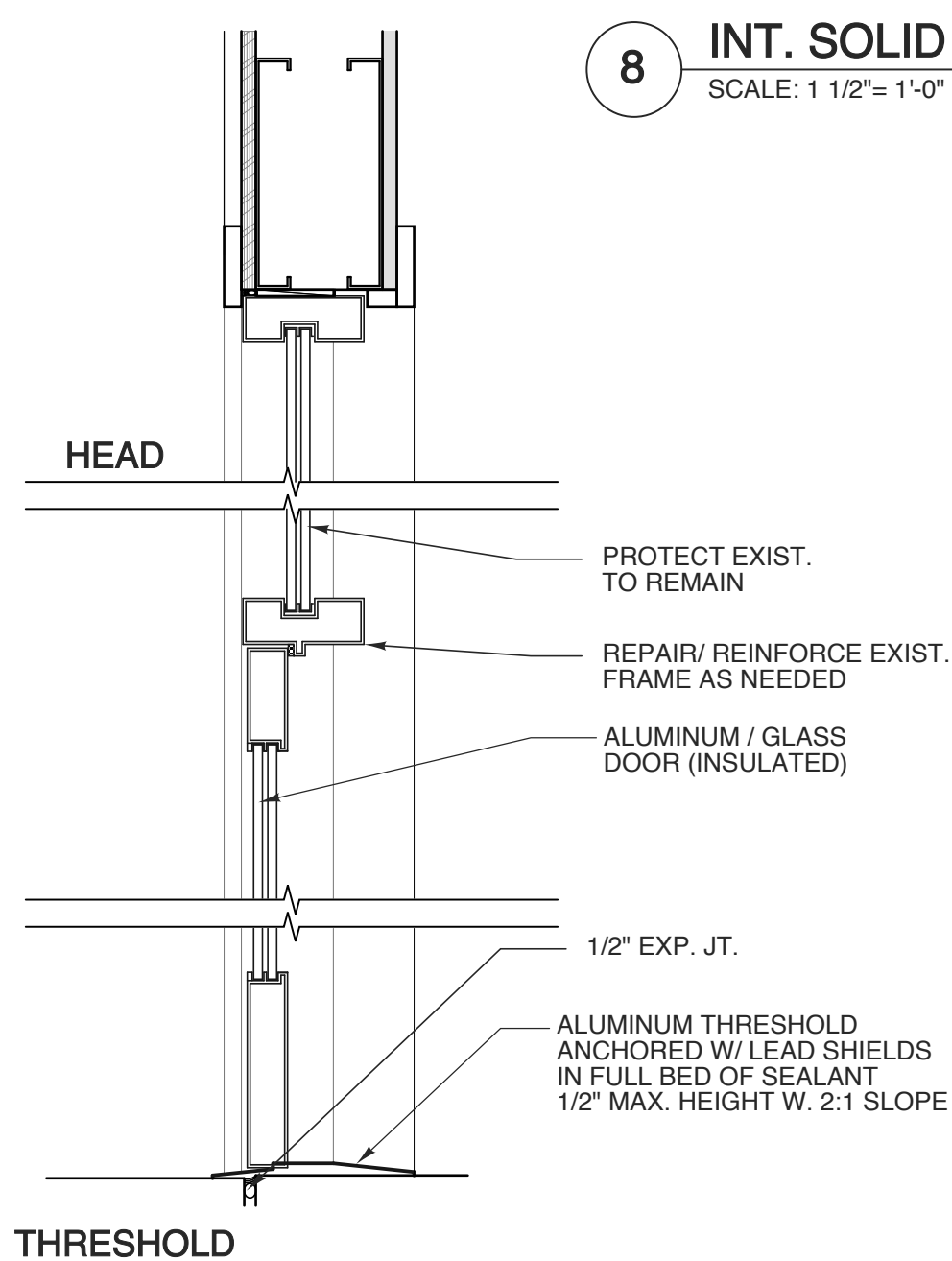
3 SHELVING SECTION
SCALE: 3/4" = 1'-0"



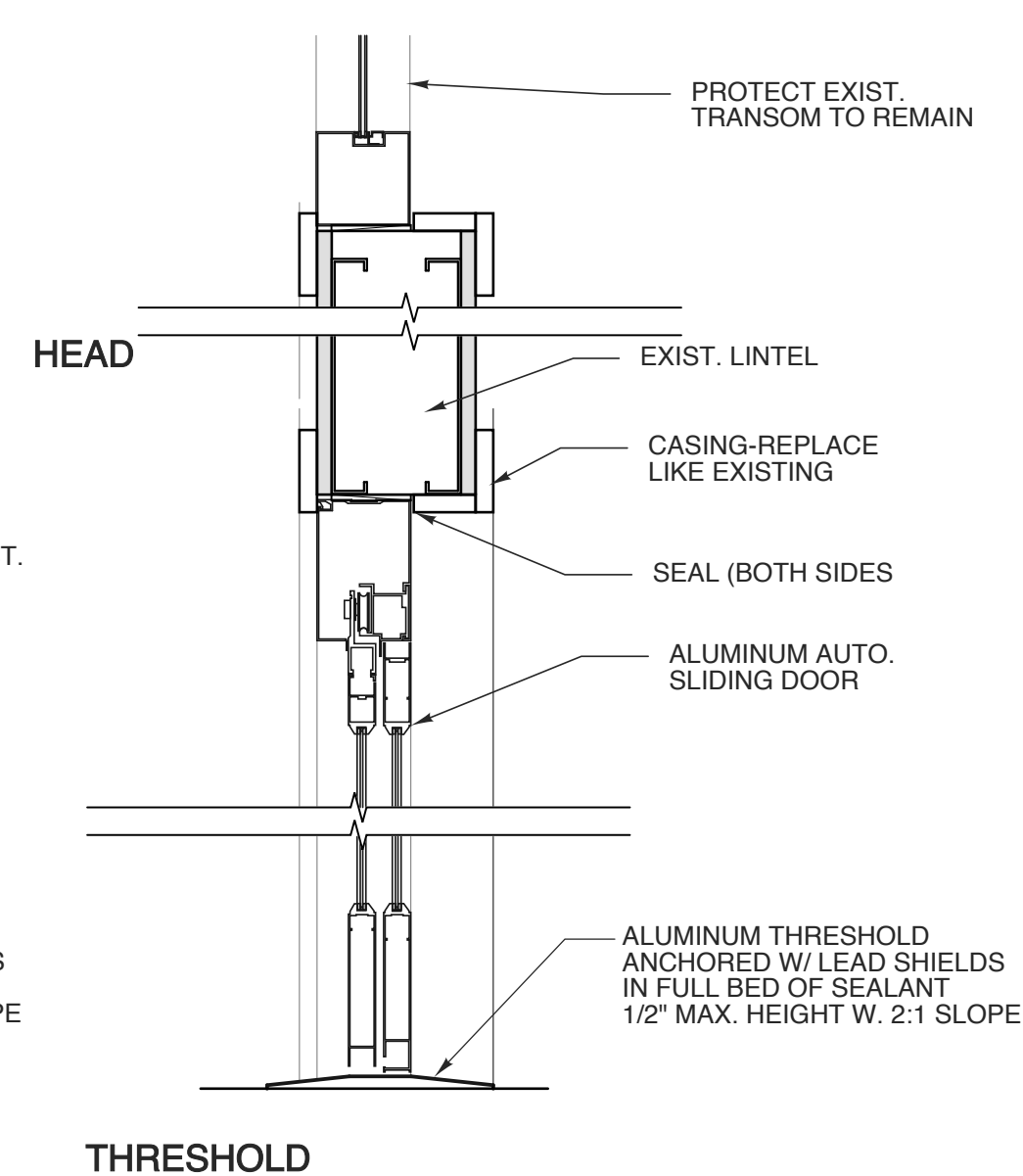
2 DESK SECTION
SCALE: 3/4" = 1'-0"



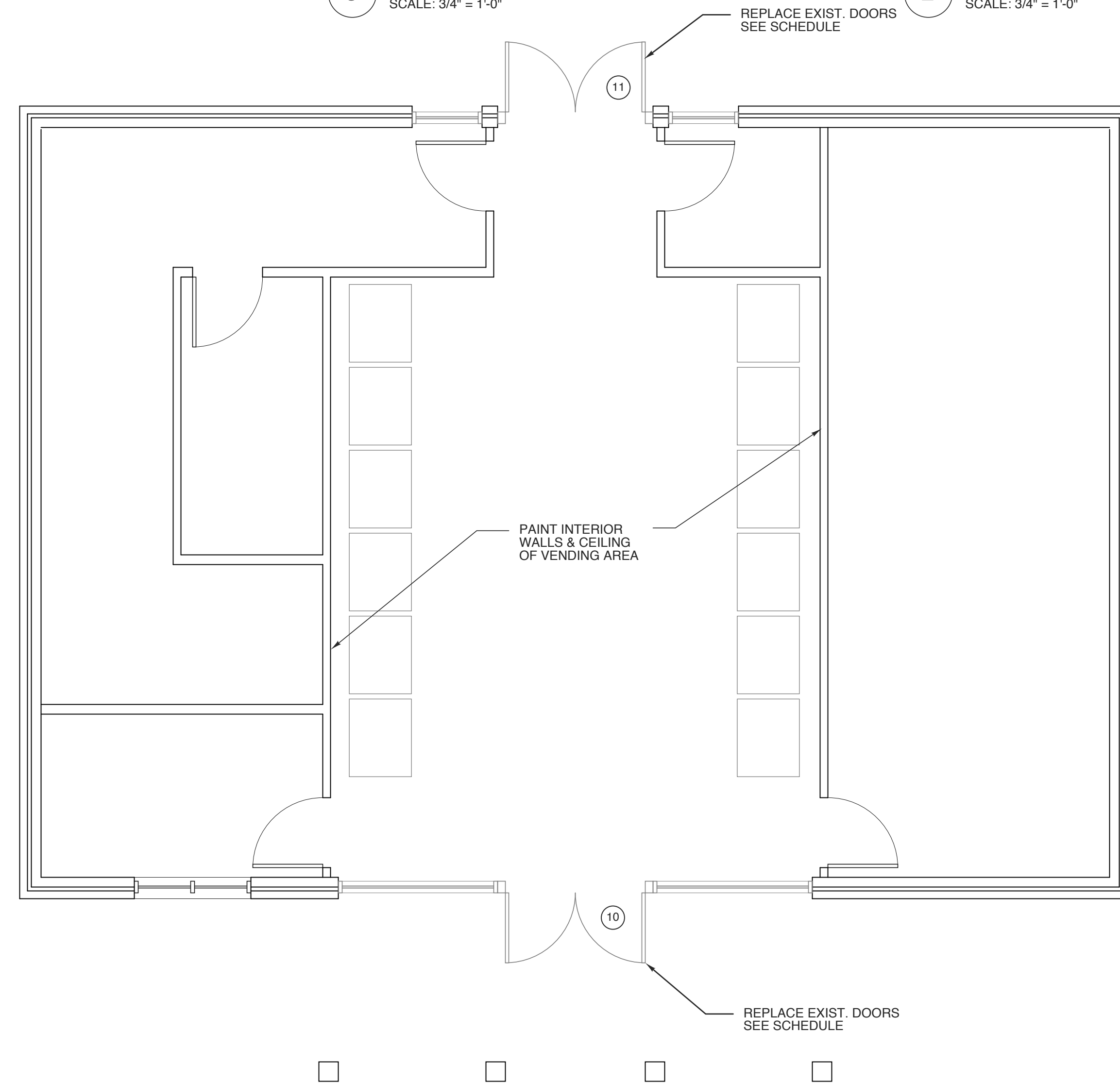
8 INT. SOLID WOOD DOOR
SCALE: 1 1/2" = 1'-0"



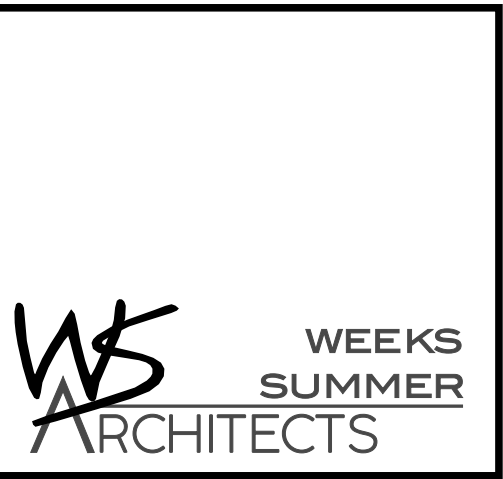
7 STOREFRONT DOOR-SWINGING
SCALE: 1-1/2" = 1'-0"



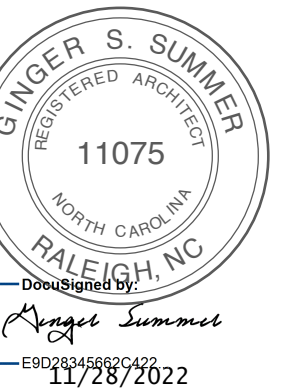
6 SLIDING DOOR
SCALE: 1-1/2" = 1'-0"



1 FLOOR PLAN - VENDING BLDG. - TYP - BOTH NORTH & SOUTH
SCALE: 1/4" = 1'-0"



W. S. ARCHITECTS, PA
3305-109 Durham Drive
Raleigh, North Carolina 27603
919.779.9797
www.wsarchitectspa.com



WBS# 15RE.16.3

PROJECT TITLE
**I-95 JOHNSTON CITY
both NB & SB**
I-95 JOHNSTON CITY
SELMA, NORTH CAROLINA

PROJECT NO.
2204a

DRAWING TITLE
DETAILS

SHEET 9 OF 9

A3.2

PLOT DATE 11/28/22
REVISION ---

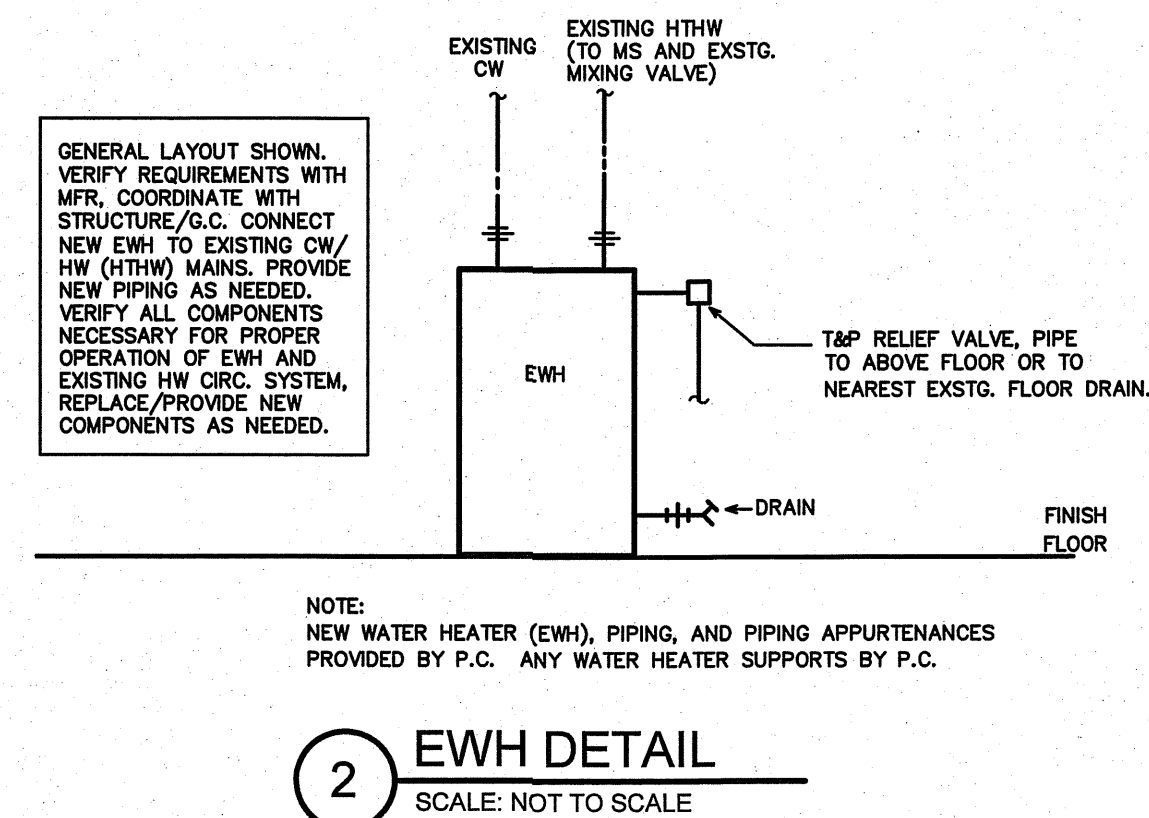
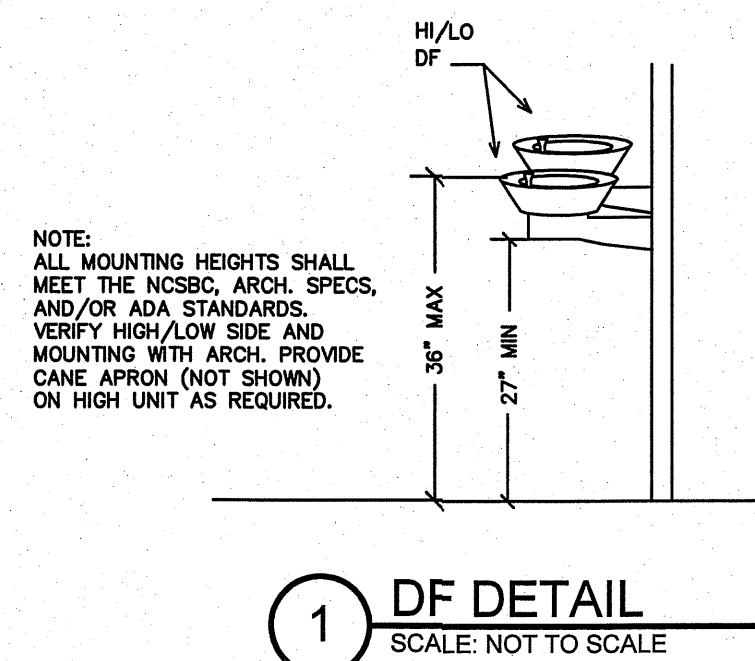
This original sheet is 22" x 34"; other dimensions indicate it has been altered.
All information on this sheet is the property of W. S. Architects, PA and may not be duplicated in whole or in part without written authorization from W. S. Architects, PA. 2020 ©

GENERAL NOTES - PLUMBING

1. PRE-PLAN ALL WORK PRIOR TO ORDERING, PURCHASING, OR FABRICATING ANY PART OF THE WORK DESCRIBED BY THIS DRAWING.
2. IMMEDIATELY NOTIFY THE ENGINEER OF ANY CONFLICTS WITH EXISTING FIELD CONDITIONS OR THE WORK OF OTHER TRADES.
3. RESOLVE ALL CONFLICTS PRIOR TO INCURRING ANY MATERIAL OR LABOR EXPENSES.
4. COMPLY WITH THE MANUFACTURER'S TECHNICAL INSTRUCTIONS WHEN INSTALLING PLUMBING FIXTURES, MATERIALS, AND DEVICES.
5. LOCATE FIXTURES AND EQUIPMENT GENERALLY AS SHOWN ON THE PLANS; HOWEVER, COORDINATE LOCATIONS WITH ACTUAL FIELD CONDITIONS TO PRESERVE ALL CODE-REQUIRED AND MANUFACTURER-REQUESTED SERVICE CLEARANCES.
6. COORDINATE ROUTING OF ALL PIPING WITH BUILDING STRUCTURE AND WITH THE WORK OF OTHER TRADES. OFFSET VENT PIPING AROUND BEAMS AND JOISTS AS NECESSARY.
7. ALL HANDICAP FIXTURES AND INSTALLATION OF HANDICAP FIXTURES SHALL CONFORM TO ADA REQUIREMENTS.
8. AT EXTERIOR WALL, INSTALL WATER PIPING ON HEATED SIDE OF WALL INSULATION.
9. PROVIDE WATER HAMMER ARRESTORS AT THE END OF EACH COLD AND HOT WATER BRANCH RISER IF REQUIRED. SIZE ARRESTOR APPROPRIATELY.
10. PROVIDE CONCRETE RING FOR ANY/ALL EXTERIOR CLEAN-OUTS.
11. REVIEW SITE PLAN FOR UTILITIES AND ORIENTATION AND VERIFY EXISTING CONDITIONS AS NEEDED PRIOR TO START OF WORK.
12. G.C. TO PROVIDE ANY/ALL ROOF PENETRATIONS.
13. PROVIDE/VERIFY HTHW TO NEW MOP SINK AT 120 DEGREES F. PROVIDE/VERIFY LTHW TO NEW LAVATORIES AT 110 DEGREES (MAX.) F. VERIFY ALL EXISTING HW SYSTEM COMPONENTS (SHUT-OFF/RELIEF/MIXING VALVES, CIRC. PUMPS, TEMPERATURE GAUGES, ETC.), ARE IN PROPER/WORKING CONDITION. REPLACE/PROVIDE ANY ITEMS IF/AS REQUIRED FOR NEW/EXISTING EWH SYSTEMS.

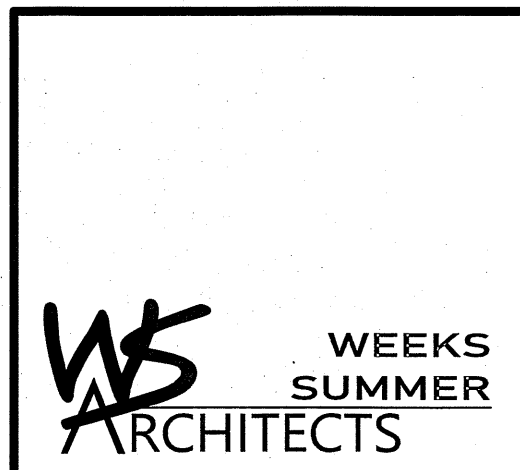
SYMBOL LEGEND - PLUMBING

SYMBOL	DESCRIPTION (U.O.N.)
—————	WASTE PIPING (W)
-----	VENT PIPING (V)
-----	COLD WATER PIPING (CW)
-----	HOT WATER PIPING (HW)
-----	HIGH TEMPERATURE HW PIPING (HTHW) 120 DEG. F
-----	LOW TEMPERATURE HW PIPING (LTHW) 110 DEG. F
⊘	SHUT-OFF VALVE
⊕	DIELECTRIC UNION
○ COFF	CLEANOUT FINISH FLOOR
⊕ WCO/HCO	WALL/HORIZONTAL CLEANOUT
○ COFG	CLEANOUT FINISH GRADE
⊕	VENT THRU ROOF (VTR)
A.F.F.	ABOVE FINISHED FLOOR
U.O.N.	UNLESS OTHERWISE NOTED



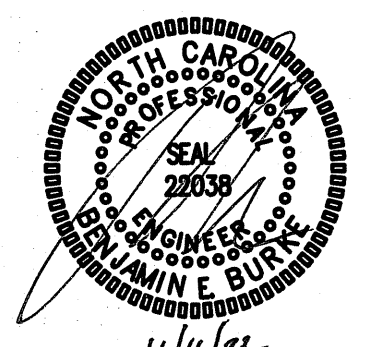
PLUMBING FIXTURE SCHEDULE *			
MARK	DESCRIPTION	ALTERNATE MANUFACTURER/MODEL	ALTERNATE MANUFACTURER/MODEL
DF	BI-LEVEL DRINKING FOUNTAIN WITH CANE APRON FOR HIGH UNIT ELKAY EHM17C, NON-FILTERED, NON-REFRIGERATED, VANDAL RESISTANT, ADA COMPLIANT, STAINLESS STEEL WITH ACCESSORY CANE APRON LKAPR2. COORDINATE W/ARCHITECT FOR MOUNTING HEIGHTS-VERIFY EXACT MODEL NUMBER FOR H/LO MOUNTING LOCATIONS (1- HIGH/1- LOW (ADA HEIGHT), IN LEFT/RIGHT OR RIGHT/LEFT ORIENTATION).	HWS MODEL #1119.14, CANE APRON SK1.	OASIS MODEL #MSLPM-14G, CANE APRON 032067-001.
EWH	ELECTRIC WATER HEATER (LOW BOY) FOR SOUTHBOUND BLDG. ONLY A.O. SMITH MODEL DEL-50, 50 GALLON, 9,000 WATT (TOTAL), SIMULTANEOUS DUAL ELEMENT (4500/4500) OPERATION, 240 V, 1 PH. 53 GPH RECOVERY AT 70 DEGREE TEMPERATURE RISE. 3/4" INLET AND OUTLET. VERIFY PROPER EXISTING EXPANSION TANK AND ALL OTHER HW CIRCULATION SYSTEM COMPONENTS. REPLACE ANY COMPONENTS IF REQUIRED. VERIFY INSTALLATION CLEARANCES PRIOR TO ORDERING. VERIFY ELECTRICAL REQUIREMENTS MATCH THE DEMO'D WATER HEATER.	BRADFORD WHITE #LD-50L3-3.	STATE #E58-50-DOLS.
HB	HOSE BIBB WOODFORD MODEL 24 ANTI-SIPHON HOSE BIBB W/VACUUM BREAKER. VERIFY OUTLET CONNECTION SIZE, MOUNTING LOCATION.	ZURN #Z1341XL.	PRIER #C-158.
L1	LAVATORY (ACCESSIBLE, WALL HUNG) AMERICAN STANDARD "LUCERNE" # 0356.421 WHITE WITH CONCEALED ARM CARRIER AND DRAIN ASSEMBLY (7723.018). ADA COMPLIANT. FURNISH WITH SLOAN OPTIMA EAF-275 SOLAR POWERED FAUCET. SINK MODEL FOR SINGLE CENTER HOLE.	KOHLER GREENWICH #K-2032 WITH HYDROTEK 7000SLE SOLAR SENSOR FAUCET.	ELJER MURRAY II #051-0244 WITH TOTO TEL3G510 SOLAR SENSOR FAUCET.
L2	2- STATION LAVATORY (ACCESSIBLE) WILCOUGHBY MODEL WAW-2322-DMF TWO STATION LAVATORY. ADA COMPLIANT. PROVIDE TWO DRAINS W/GRID STRAINERS. VERIFY COLOR W/ARCHITECT. PROVIDE SLOAN EAF-275 SOLAR SENSOR FAUCETS.	SLOAN SLOANSTONE #ELS-72000 WITH HYDROTEK 7000SLE SOLAR SENSOR FAUCET.	BRADLEY EXPRESS #ELY-2 WITH TOTO TEL3G510 SOLAR SENSOR FAUCETS.
MS	MOP SINK BASIN WITH FAUCET BASIN- FLORESTONE MODEL 92 MOP SINK, 36" X 36" X 12", 3" DRAIN SIZE. VERIFY UNIT SIZE, FLANGE/CAP LOCATION REQUIREMENTS. PROVIDE/INSTALL ON PROPER MORTAR BED, LEVEL AS NEEDED. USE WEDGE-LOCK SEAL PER MANUFACTURER'S SPECIFICATIONS. USE WATER TO CHECK FOR PROPER DRAINAGE UPON ATTACHING DRAIN PIPE AND PRIOR TO FINISHING WALLS. FAUCET- SPEAKMAN MODEL SC-5812 FAUCET W/VACUUM BREAKER. PROVIDE 5' HOSE AND MOP HANGER.	FIAT TSB3002 BASIN WITH 830AA FAUCET	STERN WILLIAMS HL-2010 BASIN WITH T-10-VB FAUCET.
UR	URINAL (HIGH EFFICIENCY) AMERICAN STANDARD "DECORUM" #6043.001EG, 0.125 GPF, VITREOUS CHINA, 3/4" BACK SPUD. PROVIDE SLOAN #105-0.125-ES-S-OR AC POWERED SENSOR FLUSH VALVE W/MANUAL OVERRIDE. ADA COMPLIANT. VERIFY PROPER MOUNTING FOR ADA LOCATIONS- COORDINATE W/ARCH., EXISTING CONDITIONS. VERIFY PROPER CARRIER IS EXISTING AND VERIFY COMPATABILITY WITH NEW FIXTURE. REPLACE IF REQUIRED.	KOHLER DEXTER K-5452-ER WITH HYDROTEK HB-D1B-0125 FLUSH VALVE.	TOTO #105UVO WITH AMERICAN STANDARD SELECTRONIC #8062.301.007 FLUSH VALVE.
WC	WATER CLOSET (WALL MOUNT BACK SPUD) W/HEAVY DUTY (500 LB.) RATED FIXTURE CARRIER AMERICAN STANDARD "AFWALL FLOWISE" #3353.128, ELONGATED BOWL, 1.28 GPF, VITREOUS CHINA, AND 1 1/2" BACK SPUD. WC TO BE ADA COMPLIANT WHERE REQUIRED. PROVIDE OPEN FRONT SEAT, AND SENSOR W/ MANUAL OVERRIDE FLUSH VALVE, EQUAL TO SLOAN OPTIMA MODEL 152-1.28-ES-S (AC POWERED) FLUSH VALVE. VERIFY HEAVY DUTY (MIN. 500 LB. RATED) CARRIER IS EXISTING AND VERIFY COMPATABILITY WITH NEW FIXTURE. REPLACE IF REQUIRED.	ZURN #Z5617 FIXTURE. ZURN #ZEM56140AV FLUSH VALVE.	KOHLER KINGSTON #K-4329 FIXTURE. HYDROTEK H-8000C-CB FLUSH VALVE.

* OR APPROVED EQUAL. VERIFY ALL NEW FIXTURE REPLACEMENTS PROPERLY COVER ANY EXISTING/RE-USED OPENINGS, MOUNTING LOCATIONS, ETC. VERIFY FINAL FINISHES/REQUIREMENTS W/ARCH., BLDG. OWNER.
** VERIFY NEW FLUSH VALVE SENSOR WALL PLATE COVERS EXISTING TILE/OPENING IN WALL FOR EACH NEW UNIT. COORDINATE W/EXISTING CONDITIONS, ARCH., G.C., BLDG. OWNER. PROVIDE FINAL FINISHES AS REQUIRED.



W. S. ARCHITECTS PA
3305-109 Durham Drive
Raleigh, North Carolina 27603
919.779.9797
www.wsarchitectspa.com

ENGINEER
BURKE DESIGN GROUP, P.A.
CONSULTING ENGINEERS
3305-109 Durham Drive
Raleigh, North Carolina 27603
919.771.1916 fax: 919.779.0826
email: benburke@nc.rr.com
Corp. License # C-2652



WBS# 15RE.16.3

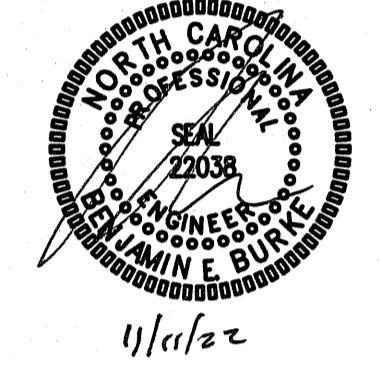
PROJECT TITLE
1-95 JOHNSTON CTY.
SOUTHBOUND
1-95 JOHNSTON CTY.
SELMA, NORTH CAROLINA

PROJECT NO.
2204a
DRAWING TITLE
PLUMBING SPECIFICATIONS

P1

PLOT DATE 8/15/2022

This original sheet is 24" x 36"; other dimensions indicate it has been altered.
All information on this sheet is the property of W. S. Architects, PA and may not be duplicated in whole or in part without written authorization from W. S. Architects, PA. 2022

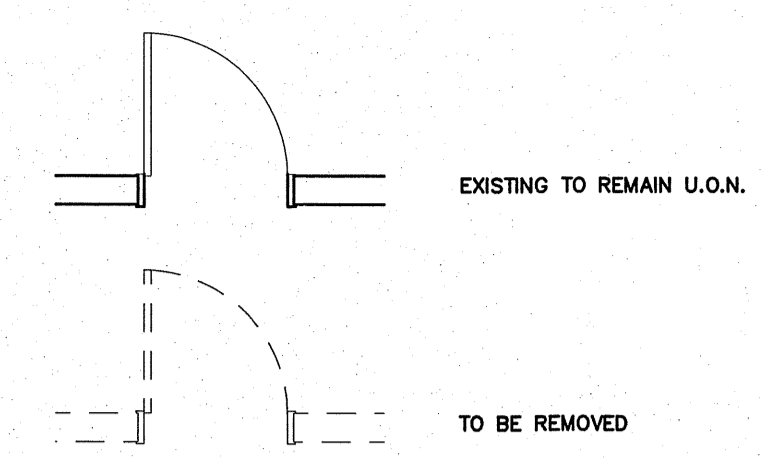


NOTE:
ANY EXISTING INFORMATION SHOWN ON THIS SHEET IS FROM FIELD INVESTIGATION. THE CONTRACTOR IS RESPONSIBLE FOR VISITING THE SITE AND FIELD VERIFYING ALL RELEVANT INFORMATION. THE SUBMISSION OF A BID INDICATES ACCEPTANCE OF EXISTING CONDITIONS. NOTIFY THE ENGINEER OF ANY DISCREPANCIES NOTED.

THE SCOPE OF DEMOLITION IS AS FOLLOWS--
REMOVE EXISTING FIXTURES IN WORK AREA AS SHOWN. PROVIDE CLEANOUTS ON UNUSED DRAIN LINES AT FINAL FINISHES TO PREVENT DEAD-ENDS PER CODE. REMOVE UNUSED VENT LINES TO ABOVE CEILING AND CAP AT MAN. REMOVE ALL UNUSED CW & HW LINES/STUB-OUTS, ETC., AND CAP LINES BEHIND FINAL FINISHES. REMOVE AND REPLACE ALL CONCRETE, WALL BOARD AND CEILING AS REQUIRED TO LOCATE EXISTING LINES/INSTALL NEW LINES. COORDINATE WITH REVISED PLANS FOR LINES TO BE REUSED.

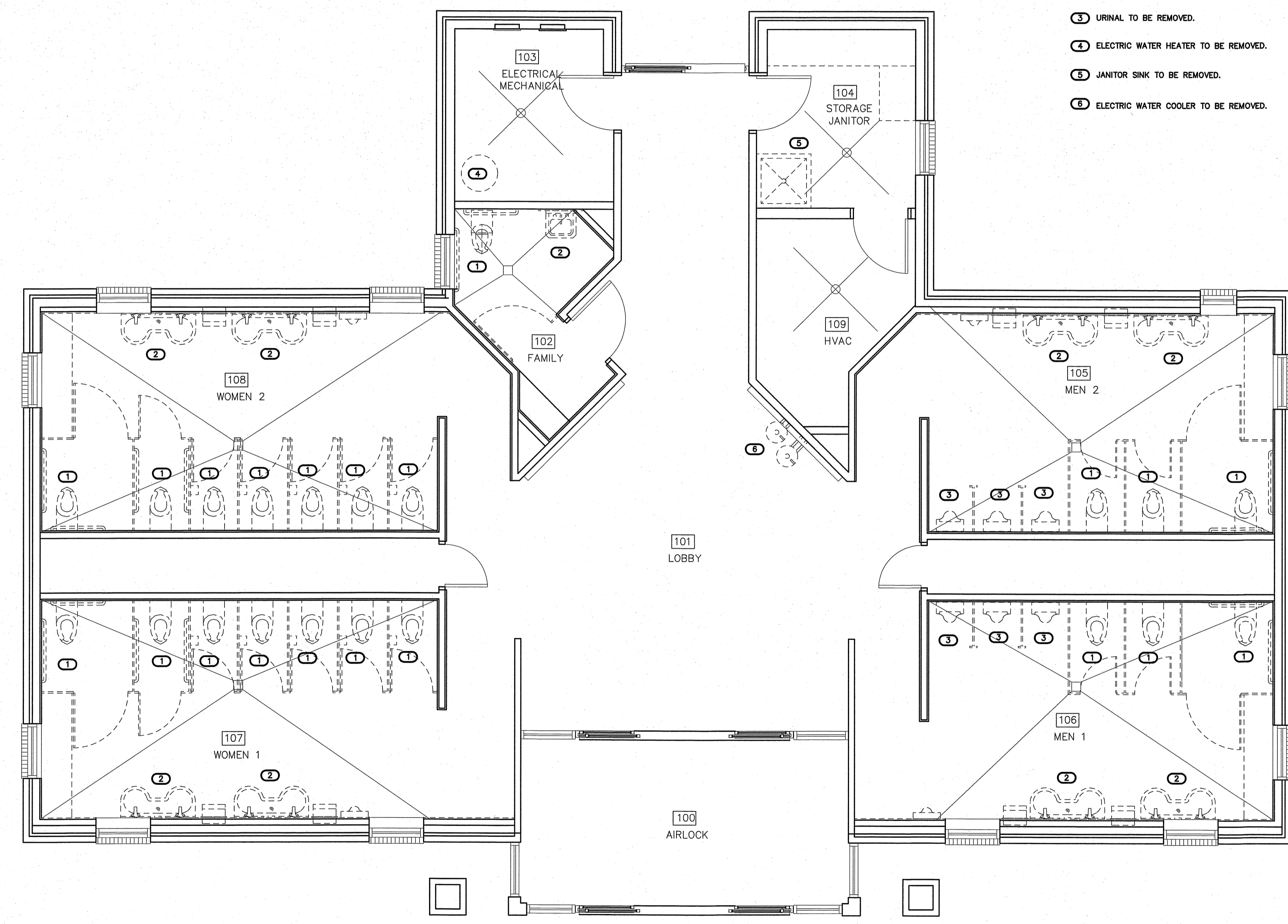
IT IS THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO LOCATE ANY AND ALL EXISTING BUILDING SYSTEMS IN CONCRETE FLOORS, WALLS, CEILING, ETC. PRIOR TO START OF WORK. THAT MAY BE ENCOUNTERED DURING CONSTRUCTION TO DETERMINE METHODS REQUIRED TO AVOID AND/OR MAINTAIN EXISTING SYSTEMS OPERATION. COORDINATE WITH BLDG. OWNER, ARCHT., G.C. THE PLUMBING CONTRACTOR SHALL LOCATE, TRACE, AND INSPECT FOR PROPER DRAINAGE AND CONDITION. ANY/ALL EXISTING BUILDING DRAINAGE LINES AND SYSTEMS (SANITARY, GREASE, ETC.) THAT ARE TO BE UTILIZED BY THE OCCUPANT/NEW CONNECTIONS PER DESIGN DRAWINGS THROUGH USE OF CAMERA, DYES, AND/OR ANY MEANS NECESSARY-- PRIOR TO THE START OF WORK. THE CONTRACTOR SHALL REMEDY ANY ISSUES IN ORDER TO ENSURE A PROPER FUNCTIONING, CODE COMPLIANT SYSTEM, WHICH INCLUDES BUT IS NOT LIMITED TO, JETTING OF LINES, REMOVAL OF DEBRIS, REPLACEMENT OF ANY IMPROPER OR DAMAGED PIPING. VERIFY AVAILABLE DEPTH/INVERT REQUIREMENTS, FLOW DIRECTION OF EXISTING LINES. PROVIDE DOCUMENTATION TO THE ENGINEER FOR REVIEW. THE EXISTING AND NEW DRAINAGE SYSTEMS/CONNECTIONS SHALL BE TESTED FOR PROPER OPERATION UPON COMPLETION OF WORK. ALL ISSUES AND SOLUTION OPTIONS ARE TO BE COORDINATED WITH THE DRAINAGE SYSTEM/BUILDING OWNER, G.C., ARCHITECT, AND ENGINEER. PROVIDE AS-BUILT DRAWINGS FOR ENGINEER REVIEW.

COORDINATE WORK WITH BUILDING OWNER SO AS NOT TO IMPACT OPERATION OF ANY ADJACENT SPACES/LEVELS. NIGHT AND WEEKEND WORK MAY BE REQUIRED.



NOTE:
ALL PLUMBING FIXTURES (PIPING, ETC.) TO REMAIN OR TO BE REMOVED MAY NOT BE SHOWN. COORDINATE WITH DEMO/NEW PLANS, FIELD CONDITIONS. VERIFY ITEMS/LINES TO BE REMOVED.

- KEY NOTES FOR SHEET P2
- 1 WATER CLOSET TO BE REMOVED.
 - 2 LAVATORY/LAV STATION TO BE REMOVED.
 - 3 URINAL TO BE REMOVED.
 - 4 ELECTRIC WATER HEATER TO BE REMOVED.
 - 5 JANITOR SINK TO BE REMOVED.
 - 6 ELECTRIC WATER COOLER TO BE REMOVED.



1 DEMO PLAN - SOUTH BOUND
SCALE: 1/4" = 1'-0"

WBS# 15RE.16.3

PROJECT TITLE
I-95 JOHNSTON CTY.
SOUTHBOUND
I-95 JOHNSTON CTY.
SELMA, NORTH CAROLINA

PROJECT NO.
2204a
DRAWING TITLE
DEMO PLAN

P2.1

PLOT DATE 8/15/2022

This original sheet is 24" x 36"; other dimensions indicate it has been altered.
All information on this sheet is the property of W. S. Architects, PA and may not be duplicated in whole or in part without written authorization from W. S. Architects, PA, 2022

PIPE SIZING NOTES:
 REPRESENTATIVE SIZES ARE GIVEN FOR EACH TYPE OF FIXTURE.
 SEE PIPE SIZING SCHEDULE.
 MINIMUM 2" DRAIN LINE SIZE UNDER SLAB.
 MAINTAIN PIPE SIZES SHOWN UNTIL LARGER SIZE IS REACHED.
 PIPE SIZES ARE MINIMUMS FOR INDIVIDUAL FIXTURES U.O.N.

(VERIFY ALL EQUIPMENT REQUIREMENTS PRIOR TO ROUGH-IN)

FIXTURE TYPE	DRAIN	VENT	CW	HW
(DF) DRINKING FOUNTAIN	1 1/4"	1 1/4"	1/2"	-
(HB) HOSE BIBB	-	-	1/2"	-
(L/LS) LAVATORY/LAV STATION	1 1/2"	1 1/4"	1/2"	1/2"
(MS) MOP SINK	3"	1 1/2"	1/2"	1/2"
(UR) URINAL	2"	1 1/2"	3/4"	-
(WC) FLUSH VALVE WATER CLOSET	3"	1 1/2"	1"	-

* PROVIDE BACKFLOW PREVENTER PER NCSB-PLUMBING SECT. 608.3, EX: ASSE 1024 (WATTS SERIES 7 OR EQUAL) ASSE 1022 (WATTS SERIES SD-3 EQUAL) ETC., WHERE REQUIRED IF NOT AN INTEGRAL PART OF THE EQUIPMENT.

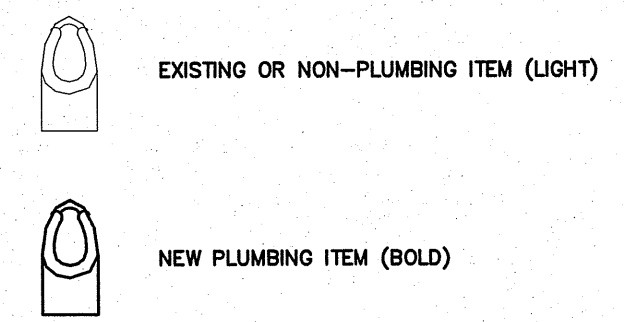
NOTE:
 ANY EXISTING INFORMATION SHOWN ON THIS SHEET IS FROM FIELD INVESTIGATION. THE CONTRACTOR IS RESPONSIBLE FOR VISITING THE SITE AND FIELD VERIFYING ALL RELEVANT INFORMATION. THE SUBMISSION OF A BID INDICATES ACCEPTANCE OF EXISTING CONDITIONS. NOTIFY THE ENGINEER OF ANY DISCREPANCIES NOTED.

REMOVE AND REPLACE ALL CONCRETE, ASPHALT, WALL MATERIAL, CEILINGS, ETC., AS REQUIRED TO LOCATE EXISTING LINES AND INSTALL NEW LINES.

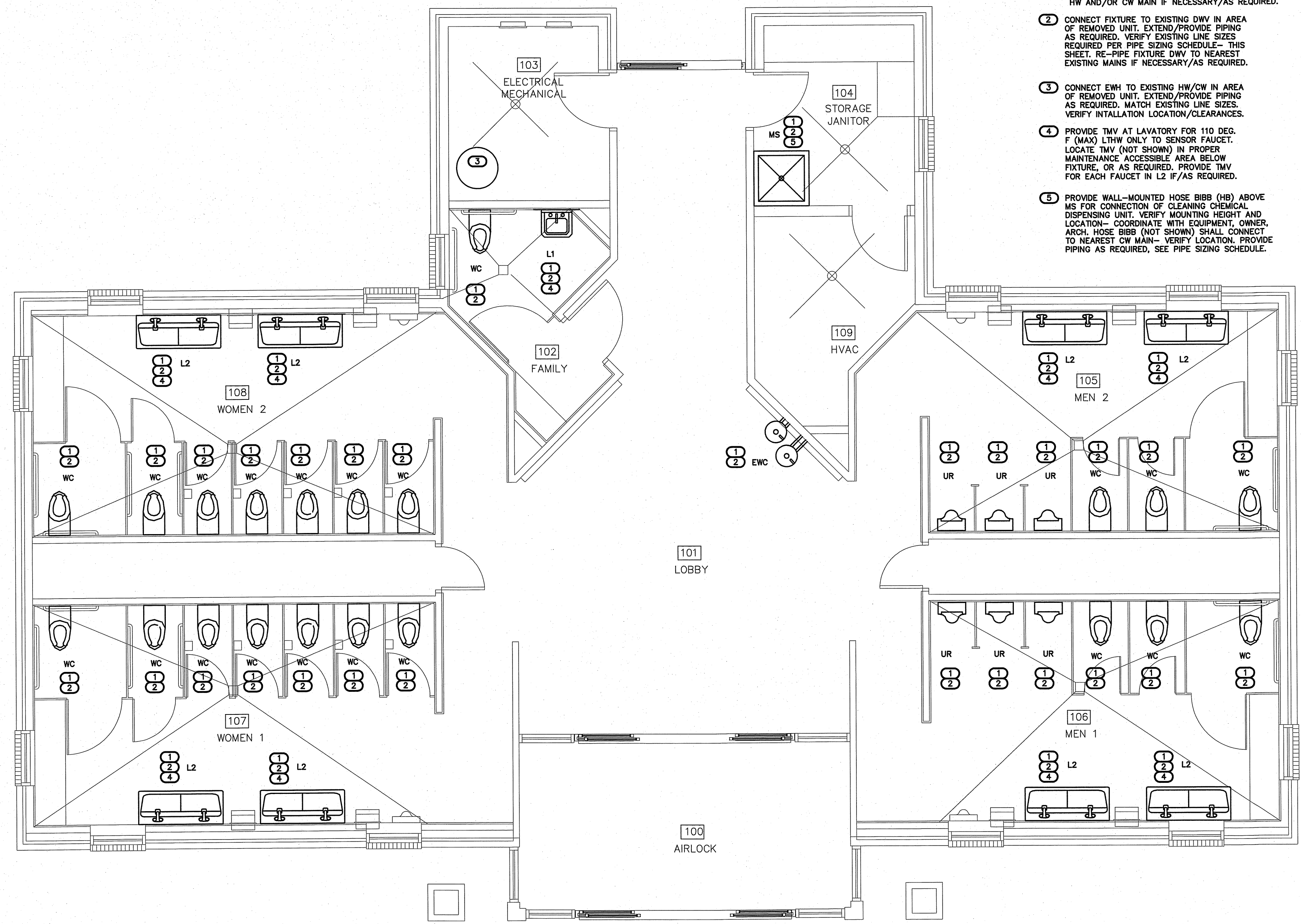
IT IS THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO LOCATE ANY AND ALL EXISTING BUILDING SYSTEMS IN CONCRETE, FLOORS, WALLS, CEILINGS, ETC., PRIOR TO START OF WORK THAT MAY BE ENCOUNTERED DURING CONSTRUCTION TO DETERMINE METHODS REQUIRED TO AVOID AND/OR MAINTAIN EXISTING SYSTEMS OPERATION. COORDINATE WITH BLDG. OWNER, ARCH., G.C. THE PLUMBING CONTRACTOR SHALL LOCATE, TRACE, AND INSPECT FOR PROPER DRAINAGE AND CONDITION. ANY/ALL EXISTING BUILDING DRAINAGE LINES AND SYSTEMS (SANITARY, GREASE, ETC.) THAT ARE TO BE UTILIZED BY THE OCCUPANT/NEW CONNECTIONS PER DESIGN DRAWINGS THROUGH USE OF CAMERA, DYES, AND/OR ANY MEANS NECESSARY- PRIOR TO THE START OF WORK. THE CONTRACTOR SHALL REMEDY ANY ISSUES IN ORDER TO ENSURE A PROPER FUNCTIONING, CODE COMPLIANT SYSTEM, WHICH INCLUDES BUT IS NOT LIMITED TO, JETTING OF LINES, REMOVAL OF DEBRIS, REPLACEMENT OF ANY IMPROPER OR DAMAGED PIPING. VERIFY AVAILABLE DEPTH/INVERT REQUIREMENTS, FLOW DIRECTION OF EXISTING LINES. PROVIDE DOCUMENTATION TO THE ENGINEER FOR REVIEW. THE EXISTING AND NEW DRAINAGE SYSTEMS/CONNECTIONS SHALL BE TESTED FOR PROPER OPERATION UPON COMPLETION OF WORK. ALL ISSUES AND SOLUTION OPTIONS ARE TO BE COORDINATED WITH THE DRAINAGE SYSTEM/BUILDING OWNER, G.C., ARCHITECT, AND ENGINEER. PROVIDE AS-BUILT DRAWINGS FOR ENGINEER REVIEW.

COORDINATE WORK WITH BUILDING OWNER SO AS NOT TO IMPACT OPERATION OF ANY ADJACENT SPACES/LEVELS. NIGHT AND WEEKEND WORK MAY BE REQUIRED.

NOTE:
 EXTEND/SHIFT ANY DWV OR WATER SUPPLY PIPING AS NEEDED DUE TO ANY DEMO OR NEW WORK. COORDINATE WITH ARCH., G.C., OWNER, AND ALL TRADES.



- KEY NOTES
- CONNECT FIXTURE TO EXISTING HW AND/OR CW IN AREA OF REMOVED UNIT. EXTEND/PROVIDE PIPING AS REQUIRED. VERIFY EXISTING LINE SIZE REQUIRED PER PIPE SIZING SCHEDULE- THIS SHEET. RE-PIPE FIXTURE SUPPLY TO NEAREST EXISTING HW AND/OR CW MAIN IF NECESSARY/AS REQUIRED.
 - CONNECT FIXTURE TO EXISTING DWV IN AREA OF REMOVED UNIT. EXTEND/PROVIDE PIPING AS REQUIRED. VERIFY EXISTING LINE SIZES REQUIRED PER PIPE SIZING SCHEDULE- THIS SHEET. RE-PIPE FIXTURE DWV TO NEAREST EXISTING MAINS IF NECESSARY/AS REQUIRED.
 - CONNECT EHW TO EXISTING HW/CW IN AREA OF REMOVED UNIT. EXTEND/PROVIDE PIPING AS REQUIRED. MATCH EXISTING LINE SIZES. VERIFY INSTALLATION LOCATION/CLEARANCES.
 - PROVIDE TMV AT LAVATORY FOR 110 DEG. F (MAX) LTHW ONLY TO SENSOR FAUCET. LOCATE TMV (NOT SHOWN) IN PROPER MAINTENANCE ACCESSIBLE AREA BELOW FIXTURE, OR AS REQUIRED. PROVIDE TMV FOR EACH FAUCET IN L2 IF/AS REQUIRED.
 - PROVIDE WALL-MOUNTED HOSE BIBB (HB) ABOVE MS FOR CONNECTION OF CLEANING CHEMICAL DISPENSING UNIT. VERIFY MOUNTING HEIGHT AND LOCATION- COORDINATE WITH EQUIPMENT, OWNER, ARCH. HOSE BIBB (NOT SHOWN) SHALL CONNECT TO NEAREST CW MAIN- VERIFY LOCATION. PROVIDE PIPING AS REQUIRED. SEE PIPE SIZING SCHEDULE.

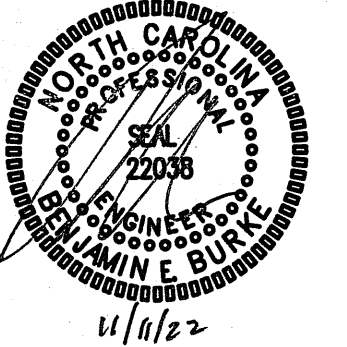


1 PLUMBING PLAN - SOUTH BOUND
 SCALE: 1/4" = 1'-0"



W. S. ARCHITECTS, PA
 3305-109 Durham Drive
 Raleigh, North Carolina 27603
 919.779.9797
 www.wsarchitectspa.com

ENGINEER
BURKE DESIGN GROUP, PA
 CONSULTING ENGINEERS
 3305-109 Durham Drive
 Raleigh, North Carolina 27603
 919.771.1916 fax: 919.779.0826
 email: benburke@nc.rr.com
 Corp. License # C-2652



WBS# 15RE.16.3

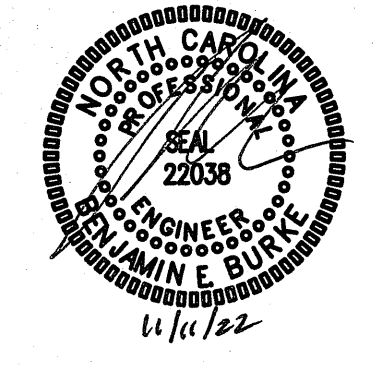
PROJECT TITLE
 I-95 JOHNSTON CTY.
 SOUTHBOUND
 I-95 JOHNSTON CTY.
 SELMA, NORTH CAROLINA

PROJECT NO.
 2204a
 DRAWING TITLE
 PLUMBING PLAN

P2.2

PLOT DATE 8/15/2022

This original sheet is 24" x 36", other dimensions indicate it has been altered.
 All information on this sheet is the property of W. S. Architects, PA and may not be duplicated in whole or in part without written authorization from W. S. Architects, PA, 2022

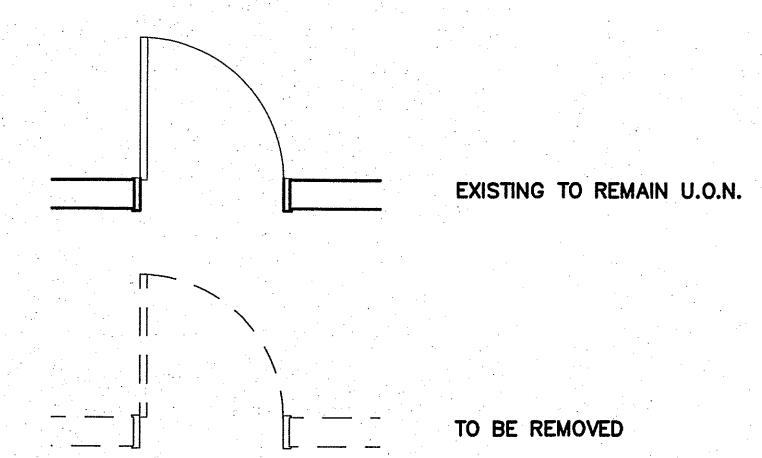


NOTE:
 ANY EXISTING INFORMATION SHOWN ON THIS SHEET IS FROM FIELD INVESTIGATION. THE CONTRACTOR IS RESPONSIBLE FOR VISITING THE SITE AND FIELD VERIFYING ALL RELEVANT INFORMATION. THE SUBMISSION OF A BID INDICATES ACCEPTANCE OF EXISTING CONDITIONS. NOTIFY THE ENGINEER OF ANY DISCREPANCIES NOTED.

THE SCOPE OF DEMOLITION IS AS FOLLOWS—
 REMOVE EXISTING FIXTURES IN WORK AREA AS SHOWN. PROVIDE CLEANOUTS ON UNUSED DRAIN LINES AT FINAL FINISHES TO PREVENT DEAD-ENDS PER CODE. REMOVE UNUSED VENT LINES TO ABOVE CEILING AND CAP AT MAN. REMOVE ALL UNUSED CW & HW LINES/STUB-OUTS, ETC., AND CAP LINES BEHIND FINAL FINISHES. REMOVE AND REPLACE ALL CONCRETE, WALL BOARD AND CEILING AS REQUIRED TO LOCATE EXISTING LINES/INSTALL NEW LINES. COORDINATE WITH REVISED PLANS FOR LINES TO BE REUSED.

IT IS THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO LOCATE ANY AND ALL EXISTING BUILDING SYSTEMS IN CONCRETE FLOORS, WALLS, CEILING, ETC., PRIOR TO START OF WORK. THAT MAY BE ENCOUNTERED DURING CONSTRUCTION TO DETERMINE METHODS REQUIRED TO AVOID AND/OR MAINTAIN EXISTING SYSTEMS OPERATION. COORDINATE WITH BLDG. OWNER, ARCHT., G.C. THE PLUMBING CONTRACTOR SHALL LOCATE, TRACE, AND INSPECT FOR PROPER DRAINAGE AND CONDITION, ANY/ALL EXISTING BUILDING DRAINAGE LINES AND SYSTEMS (SANITARY, GREASE, ETC.) THAT ARE TO BE UTILIZED BY THE OCCUPANT/NEW CONNECTIONS PER DESIGN DRAWINGS THROUGH USE OF CAMERA, DYES, AND/OR ANY MEANS NECESSARY— PRIOR TO THE START OF WORK. THE CONTRACTOR SHALL REMEDY ANY ISSUES IN ORDER TO ENSURE A PROPER FUNCTIONING, CODE COMPLIANT SYSTEM, WHICH INCLUDES BUT IS NOT LIMITED TO, JETTING OF LINES, REMOVAL OF DEBRIS, REPLACEMENT OF ANY IMPROPER OR DAMAGED PIPING. VERIFY AVAILABLE DEPTH/INVERT REQUIREMENTS, FLOW DIRECTION OF EXISTING LINES. PROVIDE DOCUMENTATION TO THE ENGINEER FOR REVIEW. THE EXISTING AND NEW DRAINAGE SYSTEMS/CONNECTIONS SHALL BE TESTED FOR PROPER OPERATION UPON COMPLETION OF WORK. ALL ISSUES AND SOLUTION OPTIONS ARE TO BE COORDINATED WITH THE DRAINAGE SYSTEM/BUILDING OWNER, G.C., ARCHITECT, AND ENGINEER. PROVIDE AS-BUILT DRAWINGS FOR ENGINEER REVIEW.

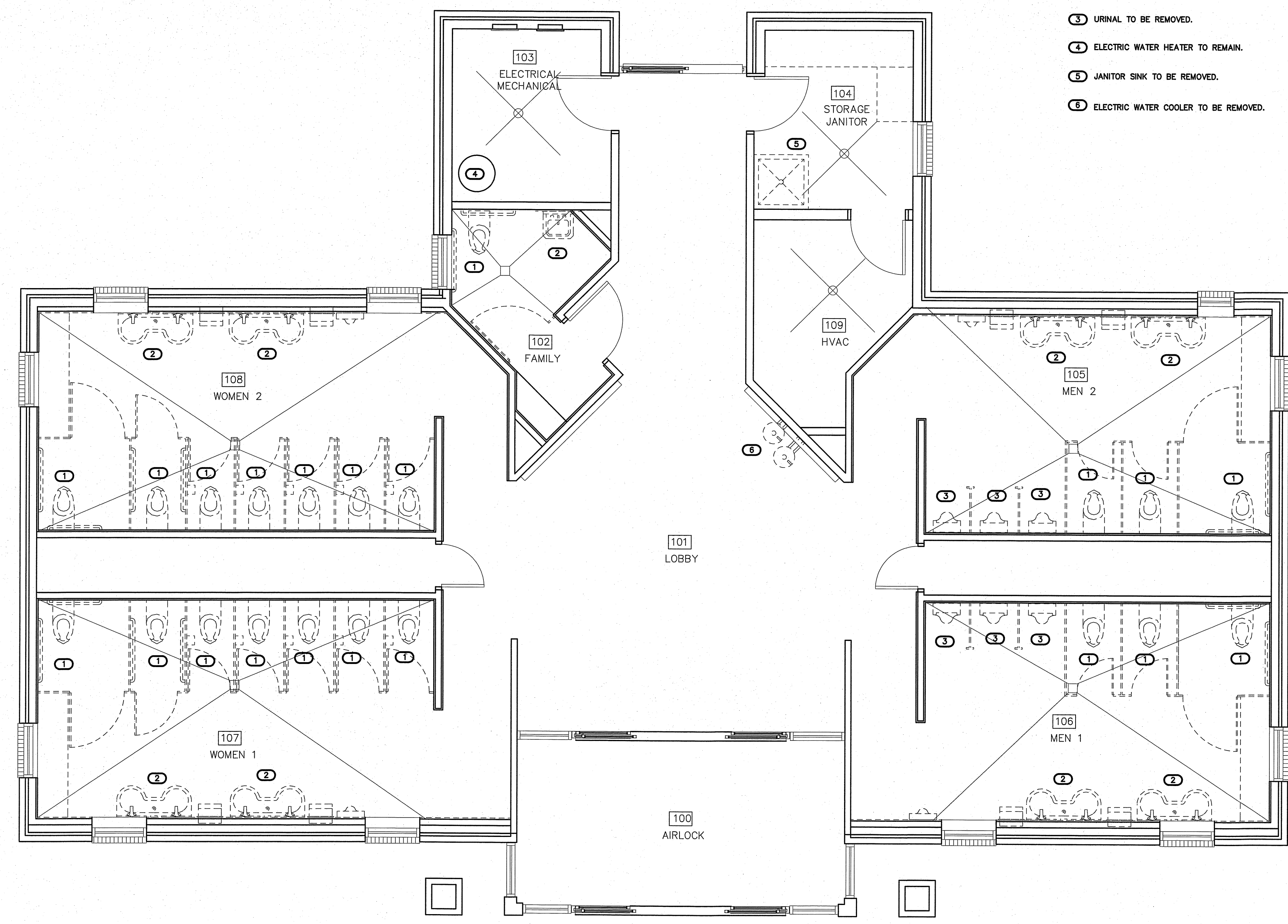
COORDINATE WORK WITH BUILDING OWNER SO AS NOT TO IMPACT OPERATION OF ANY ADJACENT SPACES/LEVELS. NIGHT AND WEEKEND WORK MAY BE REQUIRED.



NOTE:
 ALL PLUMBING FIXTURES (PIPING, ETC.) TO REMAIN OR TO BE REMOVED MAY NOT BE SHOWN. COORDINATE WITH DEMO/NEW PLANS, FIELD CONDITIONS. VERIFY ITEMS/LINES TO BE REMOVED.

KEY NOTES FOR SHEET P2

- 1 WATER CLOSET TO BE REMOVED.
- 2 LAVATORY/LAV STATION TO BE REMOVED.
- 3 URINAL TO BE REMOVED.
- 4 ELECTRIC WATER HEATER TO REMAIN.
- 5 JANITOR SINK TO BE REMOVED.
- 6 ELECTRIC WATER COOLER TO BE REMOVED.



1 DEMO PLAN - NORTH BOUND
 SCALE: 1/4" = 1'-0"

WBS# 15RE.16.3

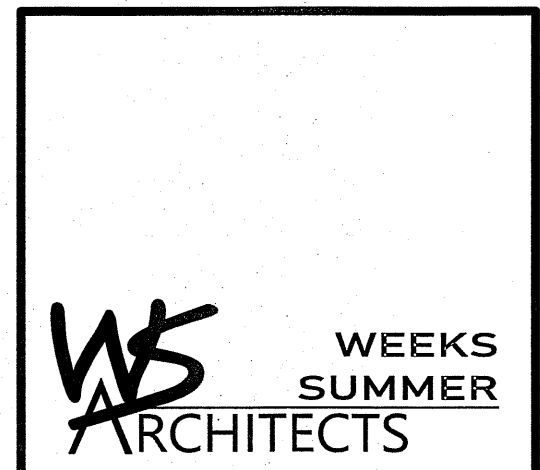
PROJECT TITLE
 I-95 JOHNSTON CTY.
 NORTHBOUND
 I-95 JOHNSTON CTY.
 SELMA, NORTH CAROLINA

PROJECT NO.
 2204a
 DRAWING TITLE
 DEMO PLAN

P3.1

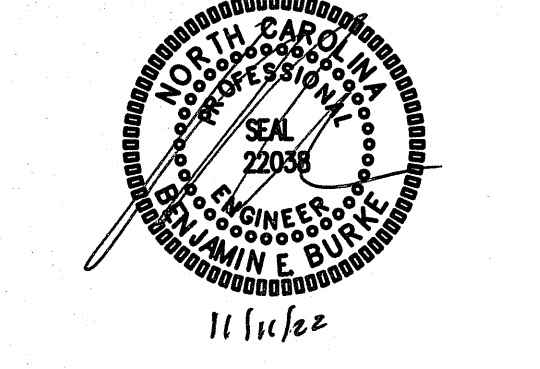
PLOT DATE 8/15/2022

This original sheet is 24" x 36"; other dimensions indicate it has been altered.
 All information on this sheet is the property of W. S. Architects, PA and may not be duplicated in whole or in part without written authorization from W. S. Architects, PA. 2022



W. S. ARCHITECTS, PA
 3305-109 Durham Drive
 Raleigh, North Carolina 27603
 919.778.9797
 www.wsarchitectspa.com

ENGINEER
BURKE DESIGN GROUP, PA
 CONSULTING ENGINEERS
 3305-109 Durham Drive
 Raleigh, North Carolina 27603
 919.771.1916 fax: 919.779.0826
 email: benburke@nc.rr.com
 Corp. License # C-2652



PIPE SIZING NOTES:
 REPRESENTATIVE SIZES ARE GIVEN FOR EACH TYPE OF FIXTURE. SEE PIPE SIZING SCHEDULE.
 MINIMUM 2" DRAIN LINE SIZE UNDER SLAB.
 MAINTAIN PIPE SIZES SHOWN UNTIL LARGER SIZE IS REACHED.
 PIPE SIZES ARE MINIMUMS FOR INDIVIDUAL FIXTURES U.O.N.

(VERIFY ALL EQUIPMENT REQUIREMENTS PRIOR TO ROUGH-IN)

PIPE SIZING SCHEDULE				
FIXTURE TYPE	DRAIN	VENT	CW	HW
(DF) DRINKING FOUNTAIN	1 1/4"	1 1/4"	1/2"	-
(HB) HOSE BIBB	-	-	1/2"	-
(L/LS) LAVATORY/LAV STATION	1 1/2"	1 1/4"	1/2"	1/2"
(MS) MOP SINK	3"	1 1/2"	1/2"	1/2"
(UR) URINAL	2"	1 1/2"	3/4"	-
(WC) FLUSH VALVE WATER CLOSET	3"	1 1/2"	1"	-

* PROVIDE BACKFLOW PREVENTER PER NCSBC-PLUMBING SECT. 608.3, EX. ASSE 1024 (WATTS SERIES 7 OR EQUAL) ASSE 1022 (WATTS SERIES SD-3 EQUAL) ETC., WHERE REQUIRED IF NOT AN INTEGRAL PART OF THE EQUIPMENT.

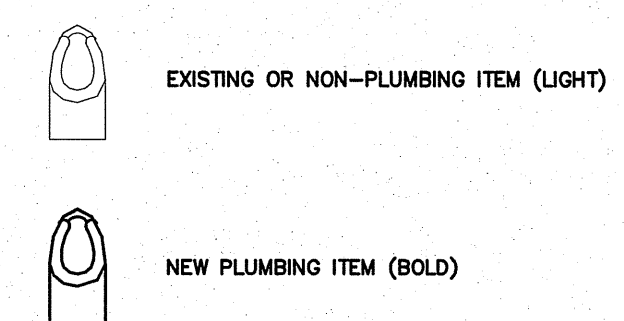
NOTE:
 ANY EXISTING INFORMATION SHOWN ON THIS SHEET IS FROM FIELD INVESTIGATION. THE CONTRACTOR IS RESPONSIBLE FOR VISITING THE SITE AND FIELD VERIFYING ALL RELEVANT INFORMATION. THE SUBMISSION OF A BID INDICATES ACCEPTANCE OF EXISTING CONDITIONS. NOTIFY THE ENGINEER OF ANY DISCREPANCIES NOTED.

REMOVE AND REPLACE ALL CONCRETE, ASPHALT, WALL MATERIAL, CEILING, ETC., AS REQUIRED TO LOCATE EXISTING LINES AND INSTALL NEW LINES.

IT IS THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO LOCATE ANY AND ALL EXISTING BUILDING SYSTEMS IN CONCRETE, FLOORS, WALLS, CEILING, ETC., PRIOR TO START OF WORK. THAT MAY BE ENCOUNTERED DURING CONSTRUCTION TO DETERMINE METHODS REQUIRED TO AVOID AND/OR MAINTAIN EXISTING SYSTEMS OPERATION. COORDINATE WITH BLDG. OWNER, ARCH., G.C. THE PLUMBING CONTRACTOR SHALL LOCATE, TRACE, AND INSPECT FOR PROPER DRAINAGE AND CONDITION. ANY/ALL EXISTING BUILDING DRAINAGE LINES AND SYSTEMS (SANITARY, GREASE, ETC.) THAT ARE TO BE UTILIZED BY THE OCCUPANT/NEW CONNECTIONS FOR DESIGN DRAWINGS THROUGH USE OF CAMERA, DYES, AND/OR ANY MEANS NECESSARY- PRIOR TO THE START OF WORK. THE CONTRACTOR SHALL REMEDY ANY ISSUES IN ORDER TO ENSURE A PROPER FUNCTIONING, CODE COMPLIANT SYSTEM, WHICH INCLUDES BUT IS NOT LIMITED TO, JETTING OF LINES, REMOVAL OF DEBRIS, REPLACEMENT OF ANY IMPROPER OR DAMAGED PIPING. VERIFY AVAILABLE DEPTH/INVERT REQUIREMENTS, FLOW DIRECTION OF EXISTING LINES. PROVIDE DOCUMENTATION TO THE ENGINEER FOR REVIEW. THE EXISTING AND NEW DRAINAGE SYSTEMS/CONNECTIONS SHALL BE TESTED FOR PROPER OPERATION UPON COMPLETION OF WORK. ALL ISSUES AND SOLUTION OPTIONS ARE TO BE COORDINATED WITH THE DRAINAGE SYSTEM/BUILDING OWNER, G.C., ARCHITECT, AND ENGINEER. PROVIDE AS-BUILT DRAWINGS FOR ENGINEER REVIEW.

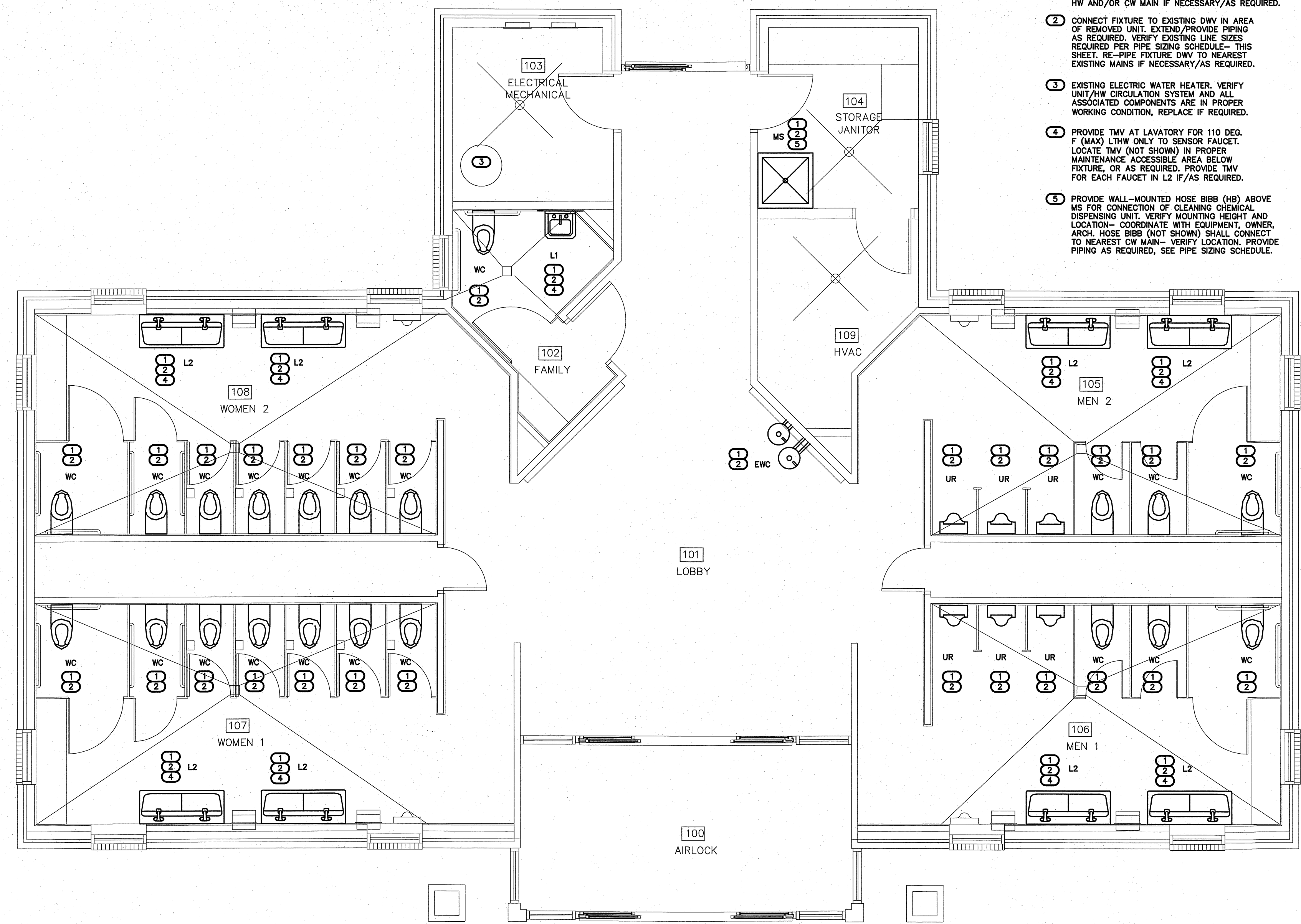
COORDINATE WORK WITH BUILDING OWNER SO AS NOT TO IMPACT OPERATION OF ANY ADJACENT SPACES/LEVELS. NIGHT AND WEEKEND WORK MAY BE REQUIRED.

NOTE:
 EXTEND/SHIFT ANY DWV OR WATER SUPPLY PIPING AS NEEDED DUE TO ANY DEMO OR NEW WORK. COORDINATE WITH ARCH., G.C., OWNER, AND ALL TRADES.



KEY NOTES

- CONNECT FIXTURE TO EXISTING HW AND/OR CW IN AREA OF REMOVED UNIT. EXTEND/PROVIDE PIPING AS REQUIRED. VERIFY EXISTING LINE SIZE REQUIRED PER PIPE SIZING SCHEDULE- THIS SHEET. RE-PIPE FIXTURE SUPPLY TO NEAREST EXISTING HW AND/OR CW MAIN IF NECESSARY/AS REQUIRED.
- CONNECT FIXTURE TO EXISTING DWV IN AREA OF REMOVED UNIT. EXTEND/PROVIDE PIPING AS REQUIRED. VERIFY EXISTING LINE SIZES REQUIRED PER PIPE SIZING SCHEDULE- THIS SHEET. RE-PIPE FIXTURE DWV TO NEAREST EXISTING MAINS IF NECESSARY/AS REQUIRED.
- EXISTING ELECTRIC WATER HEATER. VERIFY UNIT/HW CIRCULATION SYSTEM AND ALL ASSOCIATED COMPONENTS ARE IN PROPER WORKING CONDITION. REPLACE IF REQUIRED.
- PROVIDE TMV AT LAVATORY FOR 110 DEG. F (MAX) LTHW ONLY TO SENSOR FAUCET. LOCATE TMV (NOT SHOWN) IN PROPER MAINTENANCE ACCESSIBLE AREA BELOW FIXTURE, OR AS REQUIRED. PROVIDE TMV FOR EACH FAUCET IN L2 IF/AS REQUIRED.
- PROVIDE WALL-MOUNTED HOSE BIBB (HB) ABOVE MS FOR CONNECTION OF CLEANING CHEMICAL DISPENSING UNIT. VERIFY MOUNTING HEIGHT AND LOCATION- COORDINATE WITH EQUIPMENT, OWNER, ARCH. HOSE BIBB (NOT SHOWN) SHALL CONNECT TO NEAREST CW MAIN- VERIFY LOCATION. PROVIDE PIPING AS REQUIRED, SEE PIPE SIZING SCHEDULE.



1 PLUMBING PLAN - NORTH BOUND
 SCALE: 1/4" = 1'-0"

WBS# 15RE.16.3

PROJECT TITLE
 I-95 JOHNSTON CTY.
 NORTHBOUND
 I-95 JOHNSTON CTY.
 SELMA, NORTH CAROLINA

PROJECT NO.
 2204a
 DRAWING TITLE
 PLUMBING PLAN

P3.2

PLOT DATE 8/15/2022

This original sheet is 24" x 36". Other dimensions indicate it has been altered.
 All information on this sheet is the property of W. S. Architects, PA and may not be duplicated in whole or in part without written authorization from W. S. Architects, PA. 2022

I-95 JC Rest Area SB Mt

HVAC EQUIPMENT SCHEDULE

HVAC SYSTEM #1	EXISTING SYSTEM
AHU #1 DIRECT EXPANSION FAN COIL UNIT	* LENNOX MODEL #CBX25UH-036-230-1, 4 WAY, MULTIPURPOSE FAN COIL UNIT. NOMINAL CAPACITY = 36,000 BTUH, 1200 CFM NOMINAL. 3 TON NOMINAL, PROVIDE NEW PROGRAMMABLE THERMOSTAT WITH REMOTE SENSOR AND FILTER RACK WITH HINGED DOOR. PROVIDE (1) THERMOSTAT FOR AHU-1 & AHU-2 TO CONTROL BOTH SYSTEMS. 1/2HP, 4.1A MOTOR FLA, 240V, 1 PH, ELEC. HEAT, MCA, AND MOCP NOT MARKED ON UNIT.
HP #1 OUTDOOR HEAT PUMP UNIT	* LENNOX MODEL #14HPX-036-230-19, 3 TON OUTDOOR HEAT PUMP UNIT, 14 SEER. 240 VOLT, SINGLE PH, COMP 14.1A RLA, FAN 1.2A FLA, OUTDOOR HEAT PUMP 18.7A MCA, 30A MOCP.
HVAC SYSTEM #2	EXISTING SYSTEM
AHU #2 DIRECT EXPANSION FAN COIL UNIT	* LENNOX MODEL #CBX25UH-036-230-1, 4 WAY, MULTIPURPOSE FAN COIL UNIT. NOMINAL CAPACITY = 36,000 BTUH, 1200 CFM NOMINAL. 3 TON NOMINAL, PROVIDE NEW PROGRAMMABLE THERMOSTAT WITH REMOTE SENSOR AND FILTER RACK WITH HINGED DOOR. PROVIDE (1) THERMOSTAT FOR AHU-1 & AHU-2 TO CONTROL BOTH SYSTEMS. 1/2HP, 4.1A MOTOR FLA, 240V, 1 PH, ELEC. HEAT, MCA, AND MOCP NOT MARKED ON UNIT.
HP #2 OUTDOOR HEAT PUMP UNIT	* LENNOX MODEL #14HPX-036-230-19, 3 TON OUTDOOR HEAT PUMP UNIT, 14 SEER. 240 VOLT, SINGLE PH, COMP 14.1A RLA, FAN 1.2A FLA, OUTDOOR HEAT PUMP 18.7A MCA, 30A MOCP.

NOTE:

AIR HANDLING UNIT FANS SHALL RUN AT ALL TIMES. THE (2) AIR HANDLING UNITS SHALL BE CONTROLLED BY A SINGLE THERMOSTAT AND SHALL RUN TOGETHER AT ALL TIMES. THE ERV UNIT SHALL RUN AT ALL TIMES WHEN AIR HANDLING UNITS ARE RUNNING. THE EXHAUST FAN (EF-1) SHALL RUN AT ALL TIMES WHEN THE ERV IS RUNNING.

I-95 JC Rest Area SB Mt

EXHAUST FAN SCHEDULE

EXHAUST FAN #1 (EF-1)	* CARNES MODEL # VDK-12-P2 IN-LINE DIRECT DRIVE EXHAUST FAN, 1400 CFM @ 0.5" SP, 1550 RPM, 1/2 HP, 120V. SINGLE PHASE. THE ELECTRICAL CONTRACTOR SHALL PROVIDE THE SWITCH AND WIRE THE UNIT. THE HVAC CONTRACTOR SHALL PROVIDE UNIT, GRAVITY BACKDRAFT DAMPER, AND VIBRATION ISOLATION ON HANGING RODS. PROVIDE FACTORY SPEED CONTROLLER FOR BALANCING FAN.
EXHAUST FAN #2 (EF-2)	* CARNES MODEL # VDD010C EXHAUST FAN, 93 CFM @ 1/4" SP, 640 RPM, 1.1 AMPS, 120V. THE ELECTRICAL CONTRACTOR SHALL PROVIDE THE SWITCH AND WIRE THE UNIT. THE HVAC CONTRACTOR SHALL PROVIDE UNIT, 8" RIGID DUCT TO ROOF CAP. LOCATE EXHAUST TERMINATION A MINIMUM OF 10'-0" FROM ANY INTAKES.

* OR APPROVED EQUAL

I-95 JC Rest Area SB Mt

ENERGY RECOVERY UNIT SCHEDULE

EQUIP. NUMBER	MODEL NO.	FLOW	THERMAL PERFORMANCE								NOTES:				
			FANS / MOTORS					ENERGY RECOVERY (THERMAL) CAPACITY		INLET / OUTLET CONDITIONS					
			STATIC PRESSURE (EXTERNAL)	FAN MOTORS	FLA (EACH MOTOR)	VOLTS/ PHASE/ HZ	MCA (SINGLE POINT)	MOCP (SINGLE POINT)	COOLING CAPACITY (MBH / TON)	HEATING CAPACITY (MBH)		OUTSIDE AIR TEMP(F) & HUMIDITY (DB) / (WB)	ROOM AIR TEMP (F) & HUMIDITY (DB) / (WB OR RH)		
ERV-1	RENEWARE HE-15XINV-SISEE-DGNT-L	1400 CFM	0.4 IN H ₂ O	(2) 1.0 HP	4.4 A	230V 1 PH 60 HZ	9.9 A	15 A	30,850/2.6	63.79	93F / 76F	16F	75F / 50%	72F / 50%	ALL

NOTES:

- FLOW & LOADS BASED ON ARI-1080 PERFORMANCE & CERTIFIED CORE.
- NOT USED.
- VENTILATION TYPE: CORE TYPE HEAT EXCHANGER, HEAT & HUMIDITY TRANSFER.
- INCLUDE INTEGRAL DISPOSABLE FILTERS (OUTSIDE AND ROOM AIR) WITH MERV8 OR BETTER RATING.
- INCLUDE SINGLE POINT ELECTRICAL POWER CONNECTION.
- HOUSING SHALL BE GALVANIZED, .20 GAUGE (OR THICKER) STEEL WITH LAPPED CORNERS.
- OR APPROVED EQUALS.
- SERVICE ACCESS DOORS SHALL BE GASKETED & PROVIDE ACCESS FOR MAINTENANCE OF ALL COMPONENTS.
- INCLUDE INSULATION ON ALL CASE WALLS & DOORS.
- INCLUDE THERMALLY PROTECTED MOTORS WITH STARTERS.
- UL LISTED 1995
- PROVIDE WITH FUSED DISCONNECT SWITCH.
- ERV UNITS SHALL RUN AT ALL TIMES WHEN AHU FANS ARE RUNNING.

AIR DISTRIBUTION SCHEDULE

MARK	* MANUFACTURER	MODEL NO.	NECK SIZE	FACE SIZE	MATERIAL	SERVICE	NOTES
A	CARNES	SKSA40	6" DIA	9" X 9"	STEEL	SUPPLY	GYPSUM BOARD CEILING, WHITE 4-WAY BLOW, OPPOSED BLADE DAMPER
B	CARNES	SKSA40	8" DIA	12" X 12"	STEEL	SUPPLY	GYPSUM BOARD CEILING, WHITE 4-WAY BLOW, OPPOSED BLADE DAMPER
C	CARNES	RTDBH	12" X 6"	14" X 8"	STEEL	SUPPLY	SIDE WALL MOUNTED, WHITE, DOUBLE DEFLECTION, OPPOSED BLADE DAMPER
D	CARNES	RTDBH	12" X 12"	14" X 14"	STEEL	SUPPLY	SIDE WALL MOUNTED, WHITE, DOUBLE DEFLECTION, OPPOSED BLADE DAMPER
E	CARNES	RTDBH	20" X 8"	22" X 10"	STEEL	SUPPLY	SIDE WALL MOUNTED, WHITE, DOUBLE DEFLECTION, OPPOSED BLADE DAMPER
RA	CARNES	RTHAH	12" X 12"	14" X 14"	STEEL	RETURN	WALL MOUNTED, WHITE, HEAVY DUTY GRILLE. OPPOSED BLADE DAMPER
EA	CARNES	RTABH	12" X 12"	14" X 14"	STEEL	RETURN	WALL MOUNTED, WHITE, HEAVY DUTY GRILLE. OPPOSED BLADE DAMPER
EB	CARNES	SPRB11	6" DIA	12" X 12"	STEEL	RETURN	GYPSUM BOARD CEILING, WHITE, OPPOSED BLADE DAMPER

* OR APPROVED EQUAL

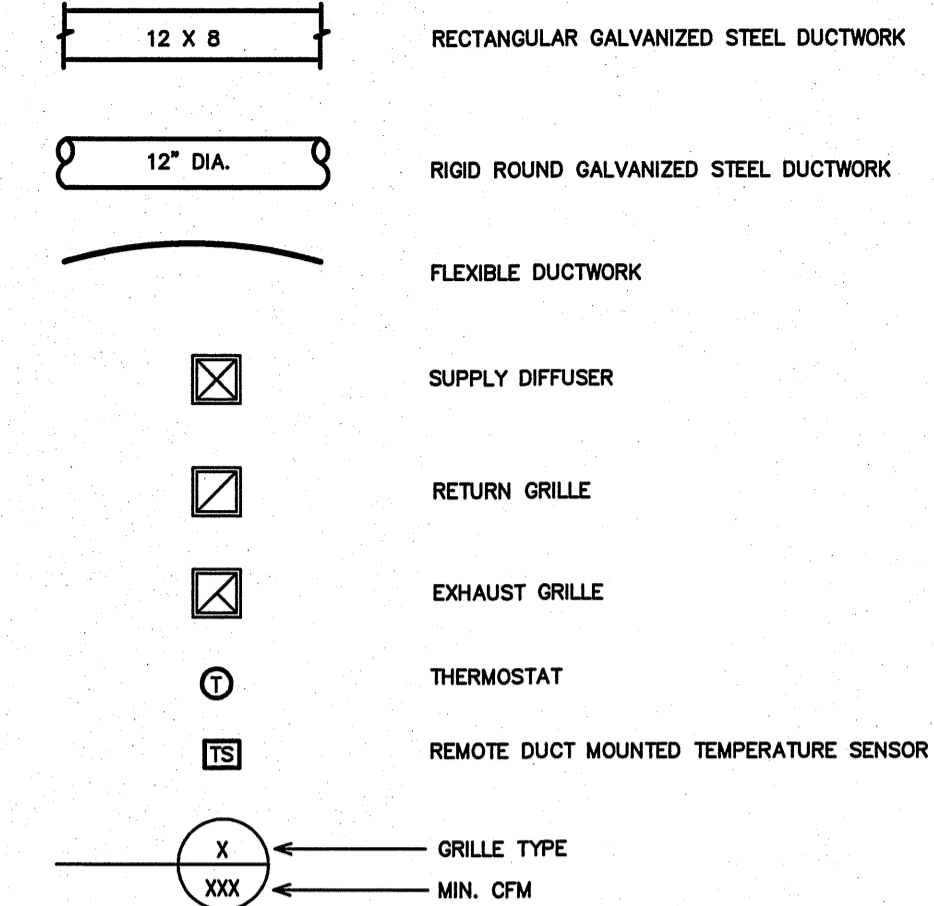
** THIS GRILLE, DIFFUSER, OR REGISTER IS A REPLACEMENT FOR AND EXISTING DEVICE. FIELD VERIFY EXACT SIZE OF EXISTING DEVICE AND PROVIDE NEW REPLACEMENT OF EQUAL SIZE.

COORDINATE BORDER TYPE WITH THE CEILING TYPE. SEE ARCH SHEETS
PROVIDE CUT SHEETS TO OWNER/ARCH. PRIOR TO ORDERING.

GENERAL NOTES - MECHANICAL

- ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE STATE CODE AND ALL LOCAL AND OTHER APPLICABLE CODES.
- ANY PERMITS AND INSPECTION FEES SHALL BE SECURED AND PAID FOR BY THE MECHANICAL CONTRACTOR (MC).
- ALL WORK SHALL BE PERFORMED BY EXPERIENCED AND SKILLED CRAFTSMEN. THE MC SHALL COORDINATE ALL OF HIS WORK WITH THE GENERAL CONTRACTOR (GC) AND OTHER TRADES.
- THE LOCATION OF ALL DUCT, PIPING AND EQUIPMENT SHALL BE ADJUSTED TO ACCOMMODATE ANTICIPATED OR ENCOUNTERED INTERFERENCES.
- THESE PLANS ARE DIAGRAMMATIC AND MAY NOT SHOW MINOR DETAILS AND LOCATIONS. FOR DIMENSIONS REFER TO THE ARCHITECTURAL PLANS.
- THE MC SHALL BE RESPONSIBLE FOR ALL ELECTRICAL STARTERS INTERLOCKS, CONTROL WIRING CONDUIT AND POWER WIRING FROM DISCONNECTS TO HIS EQUIPMENT, USING A LICENSED ELECTRICIAN.
- THE MC SHALL USE FIRE DAMPERS FOR PROTECTION OF THE OPENING IN ACCORDANCE WITH STATE AND LOCAL CODES IN ALL LOCATIONS WHERE PENETRATIONS OF RATED WALLS AND FLOORS OCCUR. SEE ARCHITECTURAL PLANS FOR RATED WALL AND FLOOR LOCATIONS. PROVIDE ACCESS DOORS AT ALL DAMPER LOCATIONS. LOCATE DOORS FOR EASY ACCESS. THERE ARE NO RATED WALLS PENETRATED IN THIS HVAC UPFIT.
- INSTALL FLEXIBLE CONNECTORS ON SUPPLY AND RETURN DUCTWORK AHU. ALL MECHANICAL EQUIPMENT SHALL OPERATE FREE OF OBJECTIONAL NOISE AND VIBRATION.
- INSTALL TURNING VANES IN SUPPLY DUCTS AT ALL ELBOWS AND SPLITTER DAMPERS. PROVIDE BALANCING DAMPERS IN ALL DUCTS WHERE SHOWN OR REQUIRED FOR SYSTEM BALANCING. PROVIDE SPIN IN STARTING COLLARS WITH DAMPERS AT ALL SUPPLY TAKEOFFS.
- DUCT DIMENSIONS ARE SHOWN INSIDE CLEAR. COORDINATE EXACT SIZE WITH SPACE AVAILABLE. DUCT INSULATION SHALL BE 2" FIBERGLASS EXTERIOR DUCT INSULATION WITH FOIL FACING.
- THERMOSTAT, WIRING AND CONDUIT ARE TO BE FURNISHED BY THE MC. MOUNT THERMOSTAT 48" ABOVE THE FINISHED FLOOR. COORDINATE LOCATION WITH OWNER. PROVIDE AUTO CHANGEOVER THERMOSTAT WITH UNIT OFF POSITION AS MINIMUM. PROVIDE AN EMERGENCY SHUT-OFF SWITCH ABOVE THE THERMOSTAT. PROPERLY LABEL SHUT-OFF SWITCH.
- THE MC SHALL KEEP THE PREMISES CLEAR OF DEBRIS FROM HIS WORK DURING CONSTRUCTION AND LEAVE THE AREA AND BUILDING CLEAN AT THE COMPLETION OF HIS WORK. HE SHALL ALSO LEAVE CLEAN ALL EXPOSED EQUIPMENT IN HIS CONTRACT.
- COORDINATE DIFFUSER AND CEILING EXHAUST GRILLE LOCATIONS WITH LIGHTS AND GRID. COORDINATE MOUNTING FRAME WITH CEILING TYPE.
- THE M.C. SHALL COORDINATE WITH AND PROVIDE EQUIPMENT SPEC. SHEETS TO THE GENERAL AND ELECTRICAL CONTRACTORS FOR REVIEW PRIOR TO ORDERING EQUIPMENT.
- PROPERLY SUPPORT FLEXIBLE DUCT, MINIMUM 75% DEFORMATION. PROVIDE SHEET METAL ELBOWS AT ALL 90 DEGREE BENDS.
- ALL DUCT JOINTS SHALL BE SEALED AIRTIGHT WITH FIBER ENPREGNATED MASTIC OR HARDCAST AND TAPE.
- SUPPORT AHU, EXHAUST FANS, ERV AND ALL DUCTWORK, ETC. FROM STRUCTURE. PIPE STRAPPING WILL NOT BE ALLOWED.

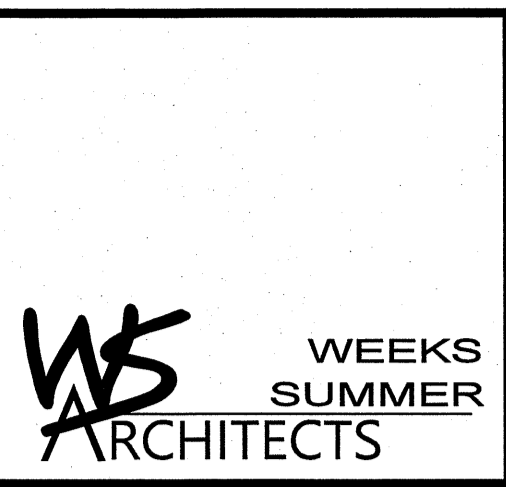
LEGEND - MECHANICAL



OUTDOOR AIR CALCULATIONS

OUTDOOR VENTILATION AIR PROVIDED PER TABLE 403.3, 2018 NORTH CAROLINA STATE BUILDING CODE: MECHANICAL CODE.

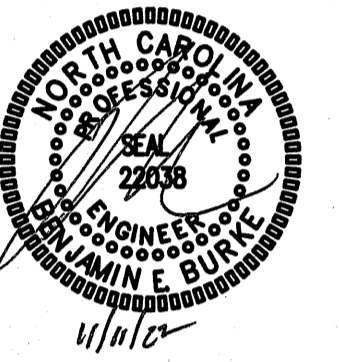
APPLICATION	CFM/FLUSHING FIXTURE
GANG TOILET ROOMS	70 CFM EACH
28 FLUSHING FIXTURES X 50 CFM CONTINUOUS EXHAUST = 1400 CFM 1400 CFM EXHAUST PROVIDED BY (I) ERV	
APPLICATION	CFM/FLUSHING FIXTURE
FAMILY TOILET ROOM	70 CFM EACH
1 FLUSHING FIXTURE X 70 CFM INTERMITTENT EXHAUST = 70 CFM 93 CFM EXHAUST PROVIDED BY (I) EXHAUST FAN	
APPLICATION	CFM/SQ.FT.
CORRIDORS/UTILITY	0.08 CFM/SQ.FT.
770 SQ. FT. X 0.08 CFM/SQ.FT. = 48 CFM	
TOTAL OUTSIDE AIR REQUIRED = 1848 CFM TOTAL OUTSIDE PROVIDED = 1400 CFM AHU #1 + AHU #2 = 1400 CFM PROVIDED FROM ERV	



W. S. ARCHITECTS, PA
3305-109 Durham Drive
Raleigh, North Carolina 27603
919.779.9797
www.wsarchitectspa.com

ENGINEER

BURKE DESIGN GROUP, PA
CONSULTING ENGINEERS
3305-109 Durham Drive
Raleigh, North Carolina 27603
919.771.1918 fax: 919.779.0828
email: benburke@nc.rr.com
Corp. License # C-2652



WBS# 15RE.16.3

PROJECT TITLE
I-95 JOHNSTON CTY.
NORTHBOUND & SOUTHBOUND
I-95 JOHNSTON CTY.
SELMA, NORTH CAROLINA

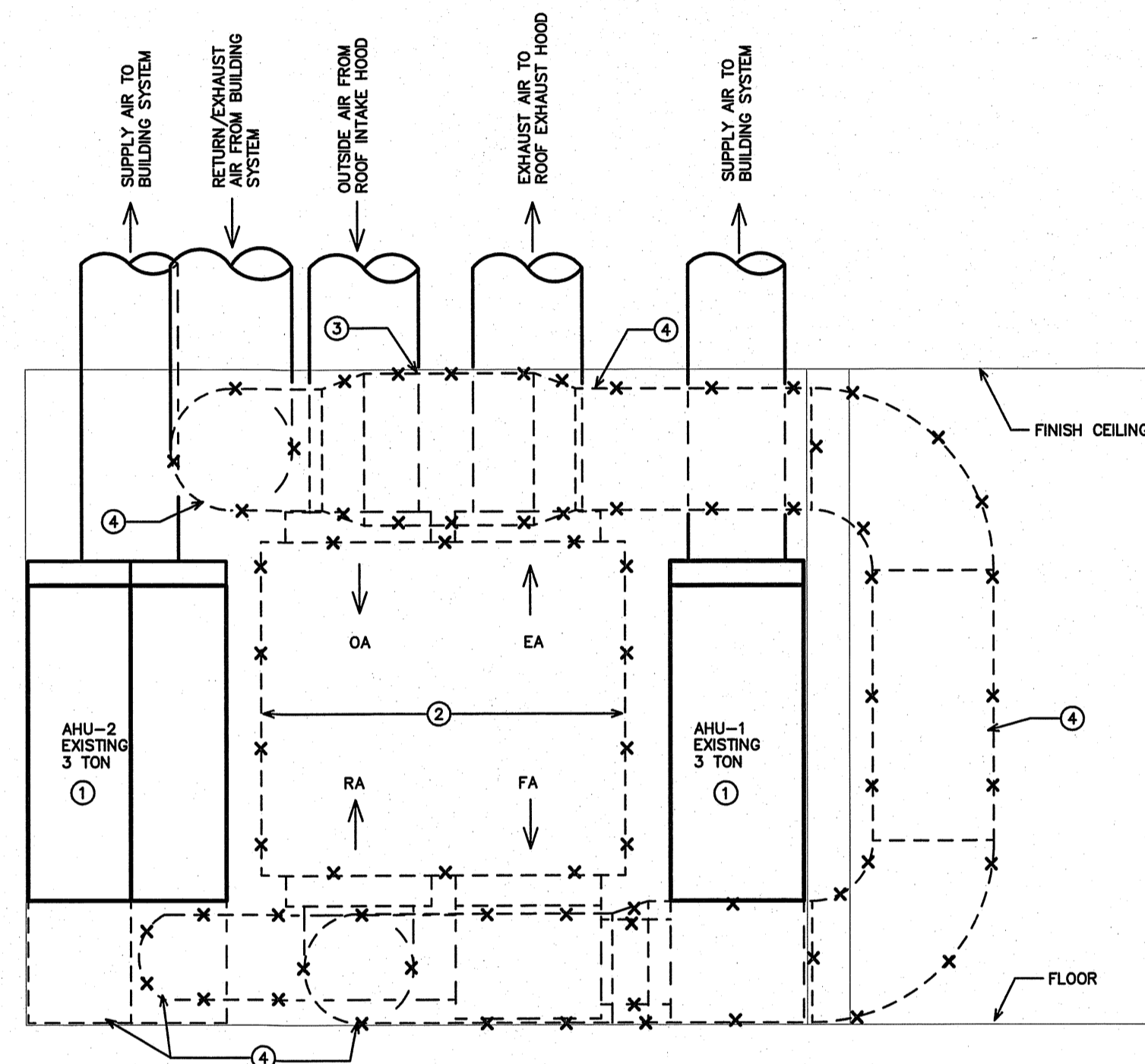
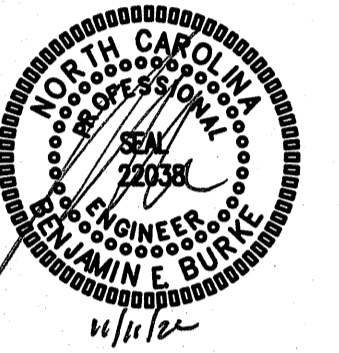
PROJECT NO.
2204a

DRAWING TITLE
HVAC SCHEDULES

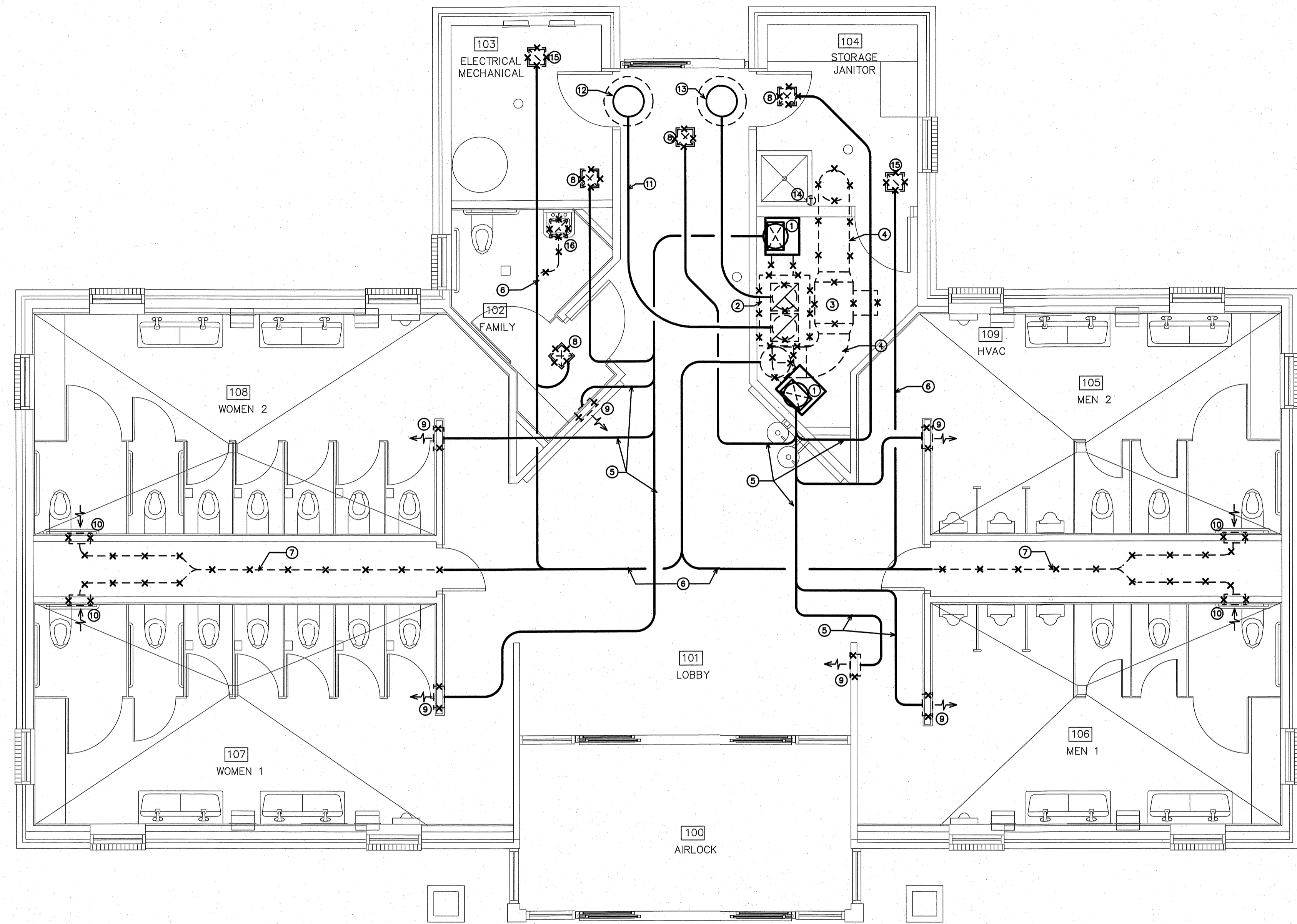
M1

PLOT DATE 11/10/2022

This original sheet is 24" x 36"; other dimensions indicate if has been altered.
All information on this sheet is the property of W. S. Architects, PA and may not be duplicated in whole or in part without written authorization from W. S. Architects, PA, 2022



2 EXISTING/DEMO - MECHANICAL ROOM SECTION
SCALE: 1/2" = 1'-0"



1 EXISTING/DEMO HVAC PLAN
SCALE: 1/4" = 1'-0"

- KEY NOTES FOR M2.1
- ① EXISTING VERTICAL FLOOR MOUNTED AIR HANDLING UNIT TO BE RE-USED. UNIT SHALL BE PROVIDED WITH NEW RETURN AIR PLENUM AND REMOUNT AT HIGHER POSITION ABOVE FLOOR. SEE 1/M2.2 AND 2/M2.2.
 - ② REMOVE EXISTING ENERGY RECOVERY VENTILATOR (ERV).
 - ③ REMOVE EXISTING IN-LINE EXHAUST FAN.
 - ④ REMOVE EXISTING DUCTWORK AS INDICATED.
 - ⑤ EXISTING FLEXIBLE SUPPLY AIR DUCT IN ATTIC TO REMAIN.
 - ⑥ EXISTING FLEXIBLE RETURN/EXHAUST AIR DUCT IN ATTIC TO REMAIN.
 - ⑦ REMOVE EXISTING FLEXIBLE EXHAUST DUCT WORK IN ATTIC ABOVE PLUMBING CHASE.
 - ⑧ REMOVE EXISTING CEILING SUPPLY AIR DIFFUSER.
 - ⑨ REMOVE EXISTING HIGH SIDE WALL SUPPLY AIR REGISTER.
 - ⑩ REMOVE EXISTING HIGH SIDE WALL EXHAUST GRILLE.
 - ⑪ EXISTING FLEXIBLE OUTDOOR AIR DUCT IN ATTIC SPACE TO REMAIN.
 - ⑫ EXISTING ROOF MOUNTED OUTDOOR AIR INTAKE HOOD TO REMAIN.
 - ⑬ EXISTING ROOF MOUNTED EXHAUST HOOD TO REMAIN.
 - ⑭ REMOVE (2) EXISTING THERMOSTATS AND ASSOCIATED DUCT MOUNTED REMOTE TEMPERATURE SENSORS.
 - ⑮ REMOVE EXISTING CEILING EXHAUST AIR GRILLE.
 - ⑯ REMOVE EXISTING EXHAUST AIR GRILLE AND FLEXIBLE DUCT BACK TO MAIN DUCT. PATCH OPENING IN MAIN DUCT.

WBS# 15RE.16.3

PROJECT TITLE
I-95 JOHNSTON CTY.
NORTHBOUND & SOUTHBOUND
I-95 JOHNSTON CTY.
SELMA, NORTH CAROLINA

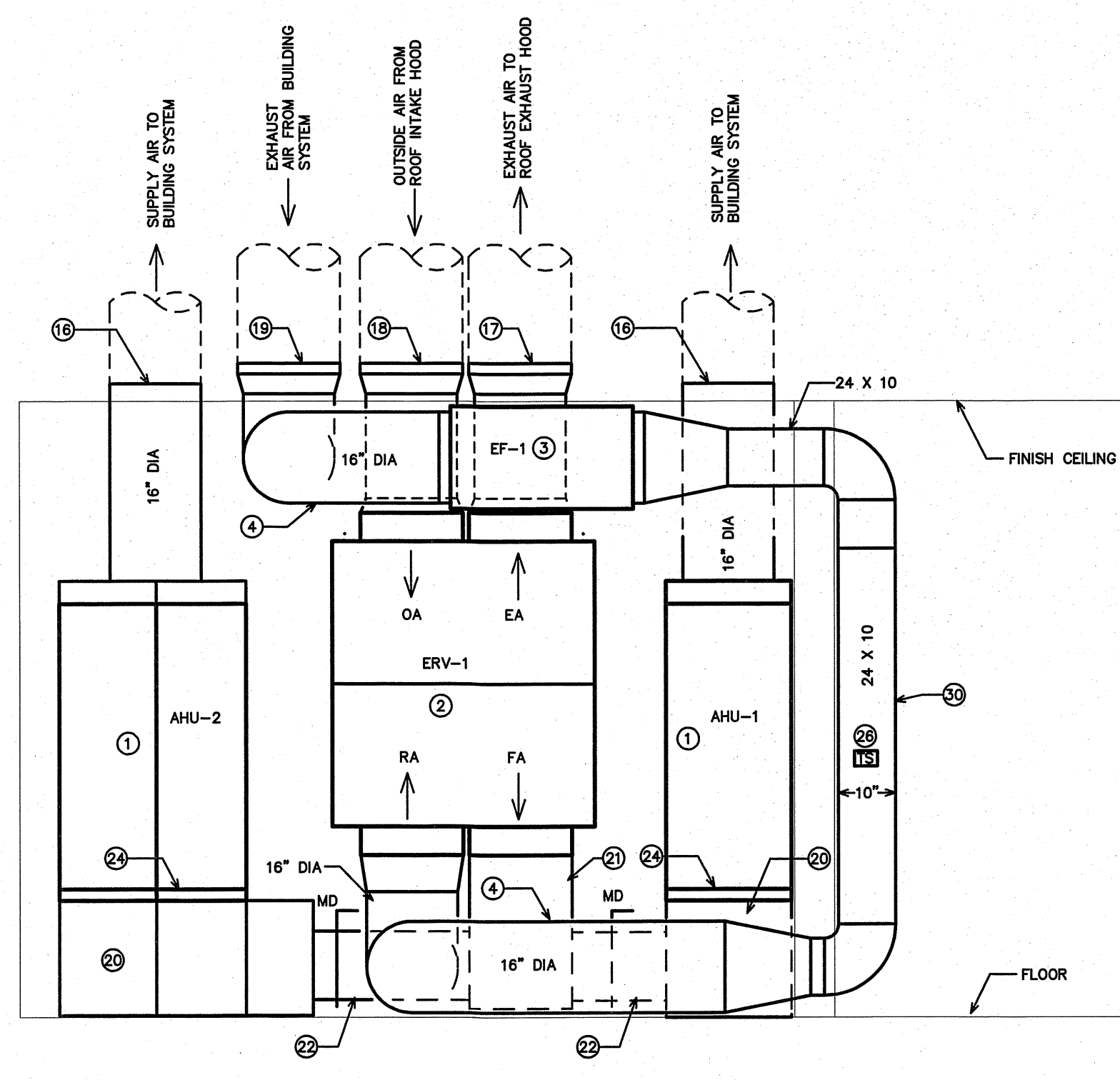
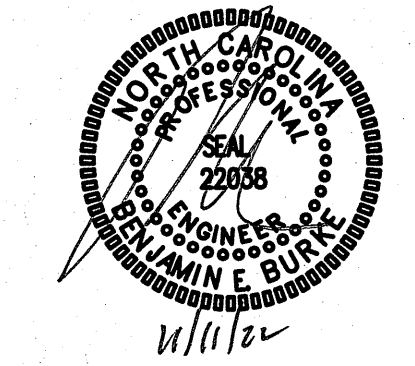
PROJECT NO.
2204a

DRAWING TITLE
EXISTING/DEMO HVAC PLAN

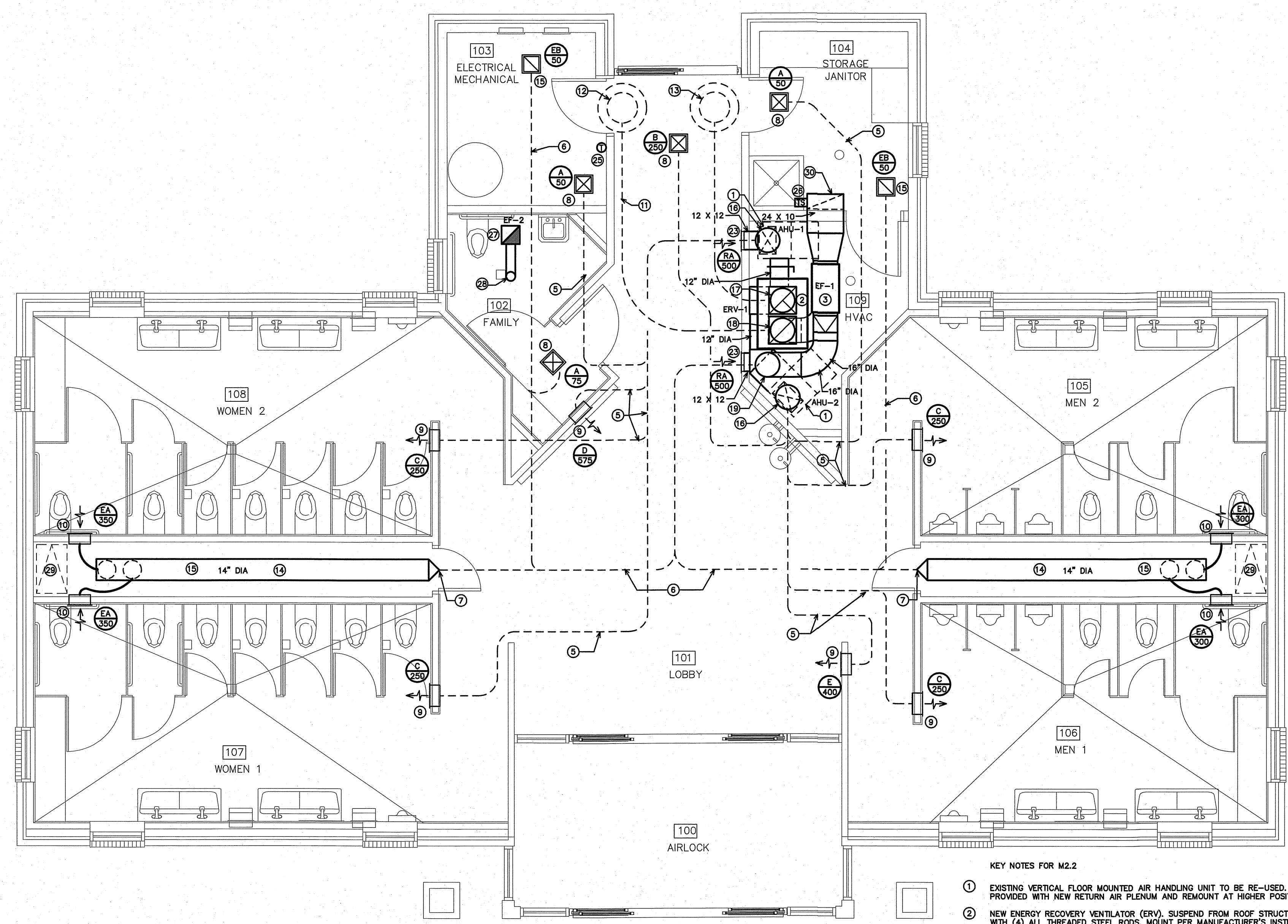
M2.1

PLOT DATE 11/10/2022

This original sheet is 24" x 36", other dimensions indicate it has been altered.
All information on this sheet is the property of W. S. Architects, PA and may not be duplicated in whole or in part without written authorization from W. S. Architects, PA. 2022



2 NEW WORK - MECHANICAL ROOM SECTION
SCALE: 1/2" = 1'-0"



1 NEW WORK HVAC PLAN
SCALE: 1/4" = 1'-0"

KEY NOTES FOR M2.2

- 1 EXISTING VERTICAL FLOOR MOUNTED AIR HANDLING UNIT TO BE RE-USED. UNIT SHALL BE PROVIDED WITH NEW RETURN AIR PLENUM AND REMOUNT AT HIGHER POSITION ABOVE FLOOR.
- 2 NEW ENERGY RECOVERY VENTILATOR (ERV). SUSPEND FROM ROOF STRUCTURE WITH (4) ALL THREADED STEEL RODS. MOUNT PER MANUFACTURER'S INSTRUCTIONS.
- 3 NEW IN-LINE EXHAUST FAN SUSPEND FROM ROOF STRUCTURE. SUSPEND FROM ROOF STRUCTURE WITH (4) ALL THREADED STEEL RODS.
- 4 NEW ROUND RIGID EXHAUST DUCT.
- 5 EXISTING FLEXIBLE SUPPLY AIR DUCT IN ATTIC TO REMAIN.
- 6 EXISTING FLEXIBLE RETURN/EXHAUST AIR DUCT IN ATTIC TO REMAIN.
- 7 NEW NEW RIGID ROUND EXHAUST DUCT TO EXISTING FLEXIBLE EXHAUST DUCT.
- 8 CONNECT NEW CEILING SUPPLY AIR DIFFUSER. CONNECT TO EXISTING FLEXIBLE DUCT.
- 9 NEW HIGH SIDE WALL SUPPLY AIR REGISTER. CONNECT TO EXISTING FLEXIBLE DUCT.
- 10 NEW HIGH SIDE WALL EXHAUST GRILLE. CONNECT TO NEW FLEXIBLE DUCT.
- 11 EXISTING FLEXIBLE OUTDOOR AIR DUCT IN ATTIC SPACE TO REMAIN.
- 12 EXISTING ROOF MOUNTED OUTDOOR AIR INTAKE HOOD TO REMAIN.
- 13 EXISTING ROOF MOUNTED EXHAUST HOOD TO REMAIN.
- 14 RUN NEW EXHAUST DUCT CLOSE TO UNDERSIDE OF ROOF.
- 15 NEW CEILING MOUNTED EXHAUST GRILLE. CONNECT TO EXISTING FLEXIBLE DUCT.
- 16 CONNECT NEW FLEXIBLE DUCT FROM AHU TO EXISTING FLEXIBLE SUPPLY AIR DUCT MATCH SIZE OF EXISTING DUCT.
- 17 CONNECT NEW RIGID ROUND EXHAUST DUCT TO EXISTING FLEXIBLE EXHAUST DUCT. PROVIDE TRANSITION TO EXISTING DUCT SIZE.
- 18 CONNECT NEW RIGID ROUND OUTSIDE AIR DUCT TO EXISTING FLEXIBLE OUTSIDE AIR DUCT. PROVIDE TRANSITION TO EXISTING DUCT SIZE.
- 19 CONNECT NEW RIGID ROUND RETURN AIR DUCT TO EXISTING FLEXIBLE OUTSIDE AIR DUCT. PROVIDE TRANSITION TO EXISTING DUCT SIZE.
- 20 NEW RETURN AIR PLENUM, FULL SIZE OF RA OPENING ON AHU.
- 21 18" X 18" FRESH AIR PLENUM CONNECTED TO FRESH AIR OUTLET ON ERV.
- 22 12" DIA. RIGID FRESH AIR DUCT TO RETURN AIR PLENUM ON AHU.
- 23 NEW LOW SIDE WALL MOUNTED RETURN AIR GRILLE WITH BOTTOM MOUNTED AT 8" AFF. CONNECT DUCT FROM GRILLE TO RETURN AIR PLENUM ON AHU. GRILLE SHALL HAVE OPPOSED BLADE MANUAL BALANCING DAMPER.
- 24 NEW FILTER RACK WITH HINGED DOOR FOR 1" FILTER.
- 25 NEW WALL MOUNTED THERMOSTAT. THERMOSTAT SHALL CONTROL BOTH AIR HANDLING UNITS. THERMOSTAT SHALL HAVE REMOTE DUCT MOUNTED TEMPERATURE SENSOR. MOUNT AT 48" AFF. VERIFY FINAL LOCATION IN ROOM WITH OWNER'S PERSONAL.
- 26 NEW DUCT MOUNTED TEMPERATURE SENSOR FOR THERMOSTAT.
- 27 NEW CEILING CABINET EXHAUST FAN. FAN SHALL RUN CONTINUOUSLY.
- 28 6" DIA RIGID STEEL EXHAUST DUCT UP TO NEW ROOF MOUNTED EXHAUST CAP. EXHAUST DISCHARGE SHALL BE 10'-0" MIN. FROM ANY OUTSIDE AIR INTAKE.
- 29 EXISTING ATTIC ACCESS. ALL NEW RIGID DUCTS MUST PASS THROUGH THIS ACCESS. FIELD VERIFY MAXIMUM LENGTH OF DUCT THAT WILL PASS THROUGH OPENING PRIOR TO BID.
- 30 RUN NEW EXHAUST DUCT TIGHT AGAINST WALL.

WBS# 15RE.16.3

PROJECT TITLE
1-95 JOHNSTON CTY.
NORTHBOUND & SOUTHBOUND
1-95 JOHNSTON CTY.
SELMA, NORTH CAROLINA

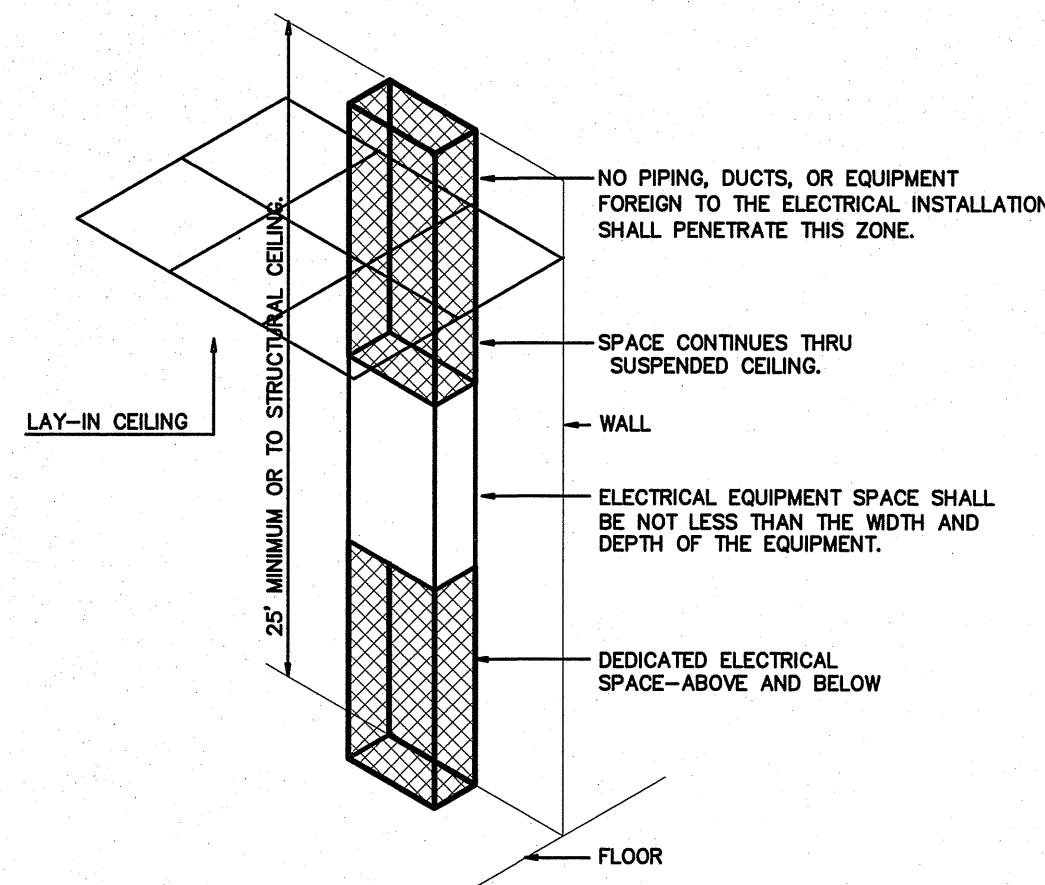
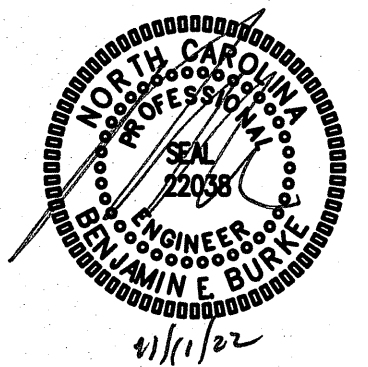
PROJECT NO.
2204a

DRAWING TITLE
NEW WORK HVAC PLAN

M2.2

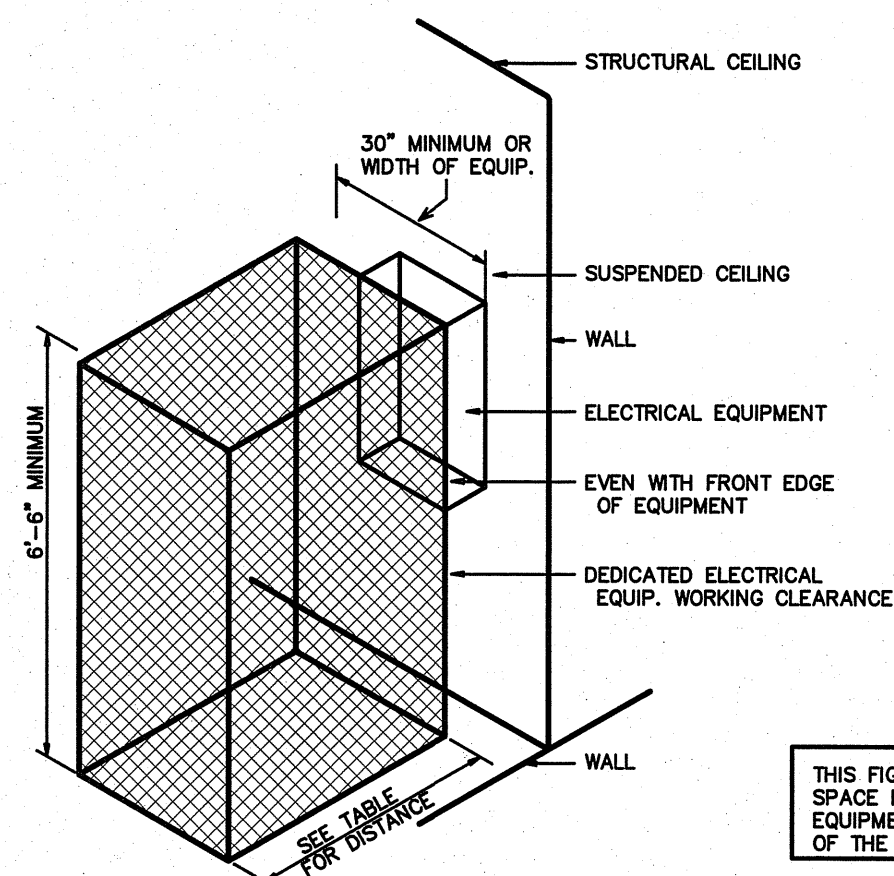
PLOT DATE 11/10/2022

This original sheet is 24" x 36", other dimensions indicate it has been altered.
All information on this sheet is the property of W. S. Architects, PA and may not be duplicated in whole or in part without written authorization from W. S. Architects, PA. 2022



ELECTRICAL EQUIPMENT DEDICATED SPACE
PER ARTICLE 110.26.F.1 OF N.E.C.

1 DEDICATED SPACE
SCALE: NTS



ELECTRICAL EQUIPMENT WORKING CLEARANCE
PER ARTICLE 110-26 OF N.E.C.

VOLTAGE TO GROUND NOMINAL	WORKING CLEARANCES			
	MIN. CLEAR DISTANCE IN FEET	1	2	3
0-150	3	3	3	3
151-600	3	3-1/2	3	4

- WHERE THE CONDITIONS ARE AS FOLLOWS:
- 1 EXPOSED LIVE PARTS ON ONE SIDE AND NO LIVE OR GROUNDED PARTS ON THE OTHER SIDE OF THE WORKING SPACE, OR EXPOSED LIVE PARTS ON BOTH SIDES EFFECTIVELY GUARDED BY SUITABLE WOOD OR INSULATED BUSBARS OPERATING AT NOT OVER 300V SHALL NOT BE CONSIDERED LIVE PARTS.
 - 2 EXPOSED LIVE PARTS ON ONE SIDE AND GROUNDED PARTS ON THE OTHER SIDE.
 - 3 EXPOSED LIVE PARTS ON BOTH SIDES OF THE WORK SPACE (NOT GUARDED AS PROVIDED IN CONDITION 1) WITH THE OPERATOR BETWEEN.

2 ELECTRICAL CLEARANCES
SCALE: NTS

GENERAL NOTES

- 1 ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND ALL LOCAL CODES HAVING JURISDICTION.
- 2 ALL BRANCH CIRCUIT CONDUCTORS TO BE COPPER (SERVICE CONDUCTORS MAY BE ALUMINUM WITH SAME AMPACITY AS COPPER CONDUCTORS. RE-SIZE CONDUCTORS AND CONDUIT PER NEC.)
- 3 ALL CIRCUITS TO BE 2 #12, 1 #12 GND IN 1/2" EMT CONDUIT AS A MINIMUM. PROVIDE WIRING FOR LARGER CIRCUITS AS REQUIRED BY NEC. RIGID CONDUIT IS REQUIRED WHERE EXPOSED BELOW 6'-0" A.F.F.
- 4 ALL EMPTY CONDUIT RUNS IN EXCESS OF 10 FEET SHALL BE PROVIDED WITH A PULL WIRE OR FISH TAPE/CORD.
- 5 CONTRACTOR SHALL VERIFY THAT ALL DOOR SWINGS ARE CORRECT BEFORE INSTALLING LIGHT SWITCH OUTLETS.
- 6 ALL BRANCH CIRCUIT CONDUCTORS FROM THE PANEL TO THE FIRST OUTLET SHALL BE INCREASED TO THE NEXT LARGER SIZE WHERE THE LENGTH OF THE HOME RUN EXCEEDS 120 FEET ON 120V AND 208V CIRCUITS.
- 7 THE CORRECT NUMBER OF WIRES MAY NOT BE INDICATED FOR ALL CIRCUITS, ONLY THOSE WHERE CLARIFICATION IS NECESSARY. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL WIRES NECESSARY FOR THE PROPER FUNCTION OF THE SYSTEM WHETHER INDICATED ON DRAWINGS OR NOT.
- 8 THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTLY PHASING THE CIRCUITS IN THE PANELBOARDS.
- 9 THE ELECTRICAL CONTRACTOR SHALL VERIFY THE TYPE OF CEILING SYSTEM WITH THE GENERAL CONTRACTOR TO INSURE THAT ALL LIGHTING FIXTURES ARE COMPATIBLE WITH THE CEILING SYSTEM BEING INSTALLED. LIGHTING FIXTURES SHOULD NOT BE ORDERED UNTIL TYPE OF CEILING HAS BEEN VERIFIED.
- 10 ELECTRICAL REQUIREMENTS INDICATED ON DRAWINGS MAY DIFFER FROM ACTUAL EQUIPMENT FURNISHED. IF FURNISHED EQUIPMENT DIFFERS FROM RATINGS ON DRAWINGS CONTRACTOR SHALL NOTIFY ARCHITECT/ENGINEER FOR APPROPRIATE ACTION TO BE TAKEN.
- 11 IT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO COORDINATE EXACT BREAKER REQUIREMENTS FOR ALL EQUIPMENT PRIOR TO ORDERING PANEL. ADJUST BREAKER AND WIRE SIZES AS REQUIRED.
- 12 PROVIDE BOXES, JACKS, WIRING AND CONDUIT FROM LOCATIONS SHOWN TO MTP LOCATION. VERIFY EXACT REQUIREMENTS WITH OWNER.
- 13 ELECTRICAL CONTRACTOR SHALL PROVIDE ALL DISCONNECTS FOR MECHANICAL & PLUMBING EQUIPMENT. DISCONNECTS SHALL BE PER MANUFACTURERS RECOMMENDATIONS AND FUSED PER NAME PLATE. PROVIDE NEMA 3R ENCLOSURES ON EXTERIOR. COORDINATE FUSE SIZES.
- 14 THE EC SHALL MEET WITH THE ARCHITECT AND TENANT PRIOR TO INSTALLING OUTLET BOXES TO VERIFY LOCATIONS AND MOUNTING HEIGHTS OF RECEPTACLES AND TELEPHONE OUTLETS.

ELECTRICAL LEGEND

- LIGHT FIXTURE: LETTER DENOTES FIXTURE TYPE (REFER TO LIGHTING PLAN AND FIXTURE SCHEDULE). NL = NIGHT LIGHT (NOT SWITCHED/ALWAYS ON)
- DUPLEX RECEPTACLE - 120V; MOUNT 18" TO CENTER AFF UNLESS NOTED OTHERWISE; 'WP' INDICATES WEATHER PROOF, 'GFI' INDICATES GROUND FAULT CURRENT INTERRUPT PROTECTED, 'U' INDICATES RECEPTACLE WITH (2) USB PORTS.
- QUADRUPLEX RECEPTACLE - 120V
- FLOOR OR CEILING OUTLET (AS NOTED) - 120V
- SPECIAL PURPOSE RECEPTACLE - REFER TO POWER PLAN AND PANEL SCHEDULE
- LIGHT SWITCH
- SWITCH WITH INTEGRAL PIR/US MOTION SENSOR FOR AUTOMATIC SHUT-OFF WITH UP TO 2 HOUR ADJUSTABLE DELAY.
- DIMMABLE LIGHT SWITCH
- MOTOR RATED SWITCH
- JUNCTION BOX
- TELE/DATA OUTLET - PROVIDE JUNCTION BOX WITH CONDUIT BACK TO MTP. PROVIDE (1) TELEPHONE JACK AND (1) CAT 5 DATA JACK
- SINGLE-POLE HOMERUN TO PANELBOARD
- TWO-POLE OR 3-POLE HOMERUN TO PANELBOARD
- EXIT LIGHT
- EMERGENCY EGRESS FIXTURE
- PHOTOCELL (LED COMPLIANT)
- BRANCH CIRCUIT WIRING
- SWITCH LEG
- GROUND CONNECTION
- DISTRIBUTION PANELBOARD
- DISCONNECTING MEANS AS REQUIRED BY CODE

WBS# 15RE.16.3

PROJECT TITLE
I-95 JOHNSTON CTY.
NORTHBOUND & SOUTHBOUND
I-95 JOHNSTON CTY.
SELMA, NORTH CAROLINA

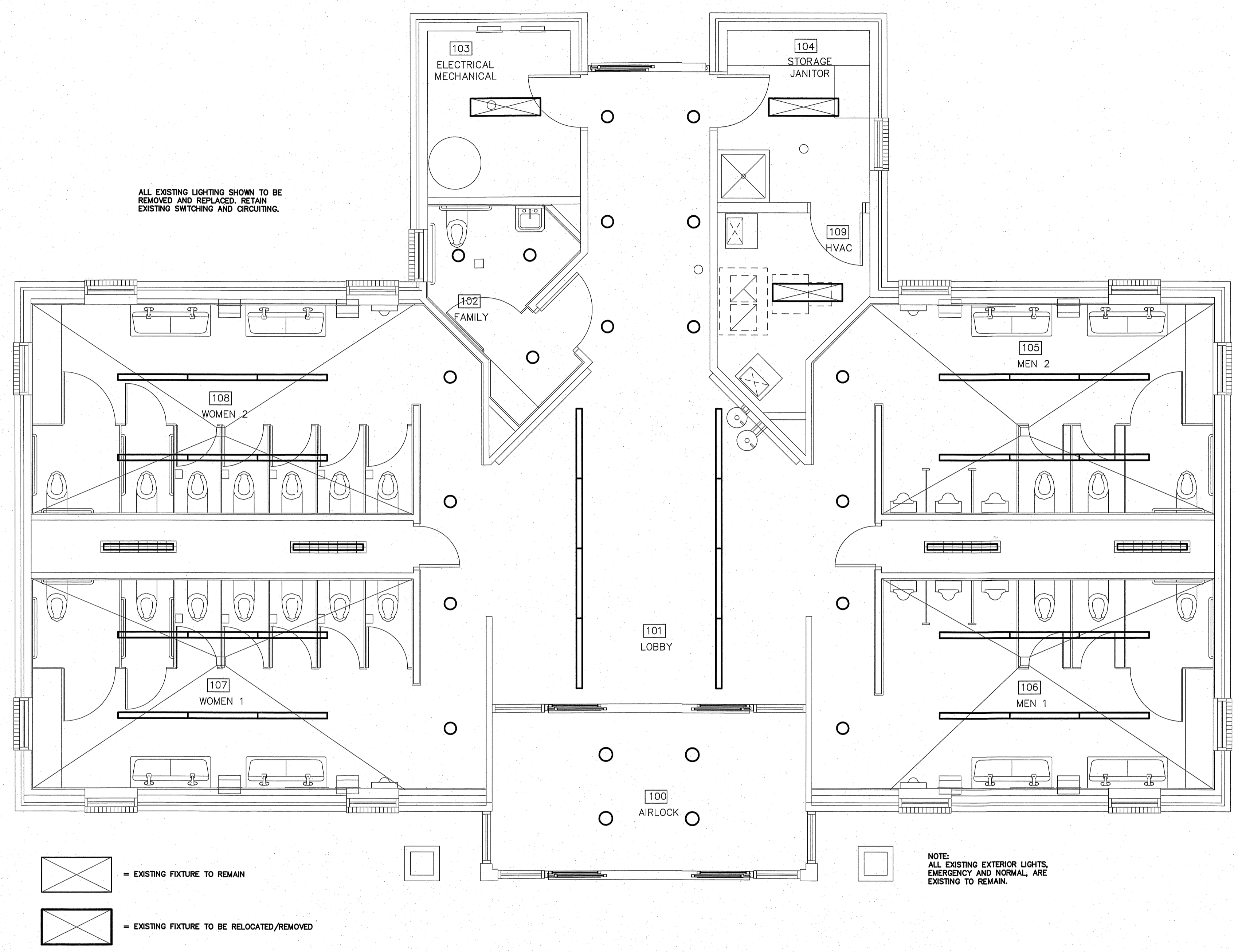
PROJECT NO.
2204a

DRAWING TITLE
ELECTRICAL SPECS & DETAILS

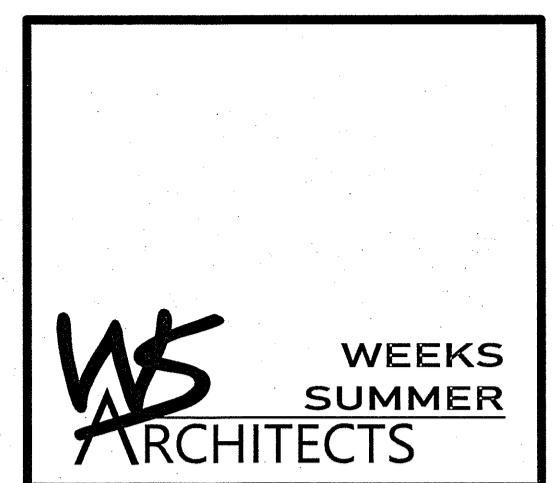
E1

PLOT DATE 11/4/2022

NOTE:
 THE INFORMATION SHOWN ON THIS DRAWING IS FROM A FIELD INVESTIGATION.
 THE CONTRACTOR IS RESPONSIBLE FOR VISITING THE SITE AND FIELD VERIFYING ALL RELEVANT INFORMATION.
 THE SUBMISSION OF A BID INDICATES ACCEPTANCE OF EXISTING CONDITIONS. NOTIFY THE ENGINEER
 OF ANY DISCREPANCIES NOTED.

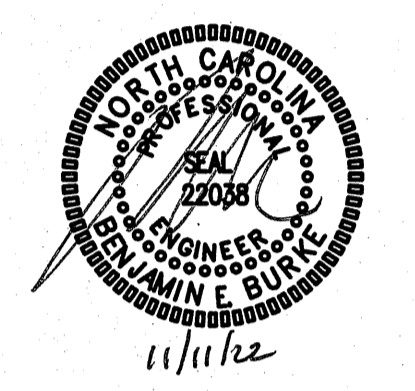


1 EXISTING LIGHTING PLAN
 SCALE: 1/4" = 1'-0"



W. S. ARCHITECTS, PA
 3305-109 Durham Drive
 Raleigh, North Carolina 27603
 919.779.9797
 www.wsarchitectspa.com

ENGINEER
BURKE BURKE DESIGN GROUP, PA
 CONSULTING ENGINEERS
 3305-109 Durham Drive
 Raleigh, North Carolina 27603
 919.771.1916 fax: 919.779.0828
 email: benburke@nc.rr.com
 Corp. License # C-2652



WBS# 15RE.16.3

PROJECT TITLE
 I-95 JOHNSTON CTY.
 NORTHBOUND & SOUTHBOUND
 I-95 JOHNSTON CTY.
 SELMA, NORTH CAROLINA

PROJECT NO.
 2204a
 DRAWING TITLE
 EXISTING LIGHTING PLAN

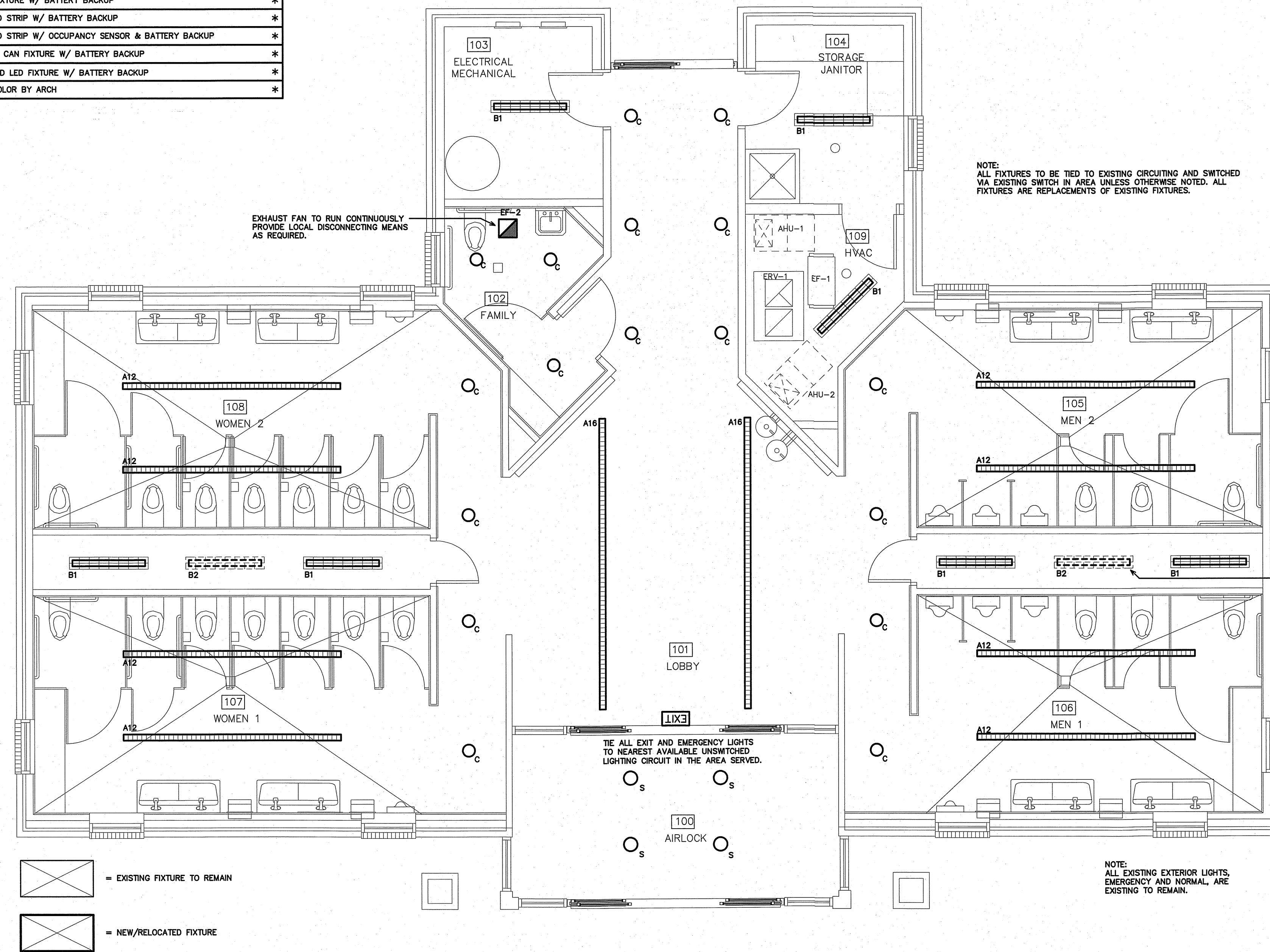
E2

PLOT DATE 11/4/2022

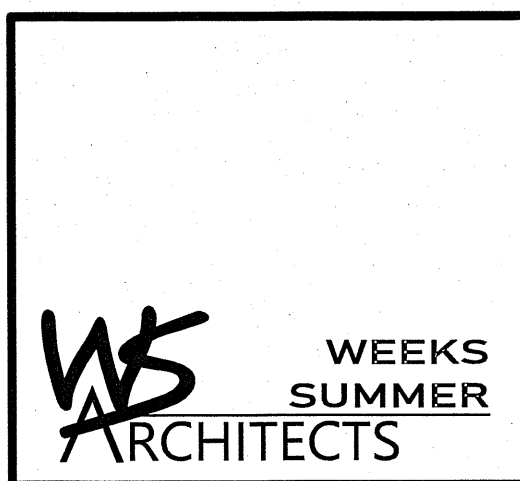
This original sheet is 24" x 36"; other dimensions indicate it has been altered.
 All information on this sheet is the property of W. S. Architects, PA and may not be duplicated in whole or in part without written authorization from W. S. Architects, PA. 2022

LIGHTING SCHEDULE *									
MARK	MANUFACTURER	CATALOG NO.	VOLT.	LAMPS NO. TYPE W	BALLAST TYPE	W/ FIXTURE	REMARKS		
A12	ALCON	12160-P-LDI-CR12-35K-FL-EM12	120	LED	-	84	12' LINEAR LED FIXTURE W/ BATTERY BACKUP	*	
A16	ALCON	12160-P-LDI-CR16-35K-FL-EM12	120	LED	-	112	16' LINEAR LED FIXTURE W/ BATTERY BACKUP	*	
B1	COLUMBIA	MPS4-35LW-FW-EU-ELL14-MPSWG4	120	LED	-	27	4' WIREGUARD LED STRIP W/ BATTERY BACKUP	*	
B2	COLUMBIA	MPS4-35LW-FW-EU-ELL14-NXS-MPSWG4	120	LED	-	27	4' WIREGUARD LED STRIP W/ OCCUPANCY SENSOR & BATTERY BACKUP	*	
C	GOTHAM	EVO8 35/25 AR MWD LSS 120 EL	120	LED	-	41	8" LED RECESSED CAN FIXTURE W/ BATTERY BACKUP	*	
S	JUNO	JSF 11N 13LM 35K 90CRI MVOLT ZT WH EL	120	LED	-	15	SURFACE MOUNTED LED FIXTURE W/ BATTERY BACKUP	*	
EXIT	EXTRONIX	S902-WB-SR-RC	120	LED	-	2	LED EXIT SIGN, COLOR BY ARCH	*	

* OR APPROVED EQUAL. PROVIDE CUT SHEETS FOR OWNER APPROVAL PRIOR TO ORDERING FIXTURES. CATALOG NUMBERS ARE FOR REFERENCE ONLY. ACTUAL NUMBERS MAY VARY.
 'EB' DENOTES ELECTRONIC BALLAST. 'EDB' DENOTES ELECTRONIC DIMMING BALLAST.
 THE EMERGENCY LIGHTS AND EXIT SIGNS MUST HAVE INTEGRAL BATTERIES, CHARGERS AND TEST SWITCHES.

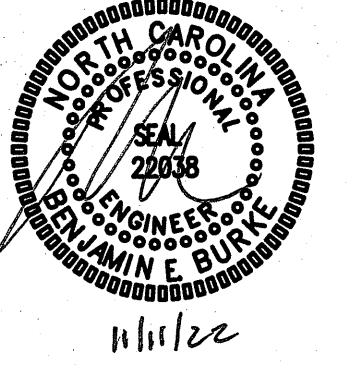


1 REVISED LIGHTING PLAN
 SCALE: 1/4" = 1'-0"



W. S. ARCHITECTS, PA
 3305-109 Durham Drive
 Raleigh, North Carolina 27603
 919.779.9797
 www.wsarchitectspa.com

ENGINEER
BURKE DESIGN GROUP, PA
 CONSULTING ENGINEERS
 3305-109 Durham Drive
 Raleigh, North Carolina 27603
 919.771.1916 fax: 919.779.0826
 email: benburke@nc.rr.com
 Corp. License # C-2652



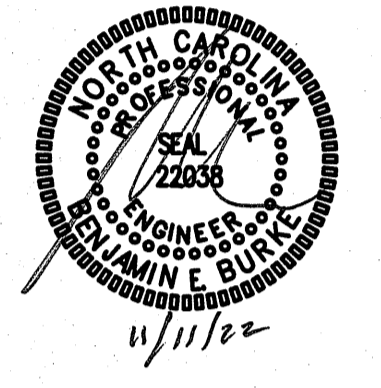
WBS# 15RE.16.3
 PROJECT TITLE
 I-95 JOHNSTON CTY.
 NORTHBOUND & SOUTHBOUND
 I-95 JOHNSTON CTY.
 SELMA, NORTH CAROLINA

PROJECT NO.
 2204a
 DRAWING TITLE
 REVISED LIGHTING PLAN

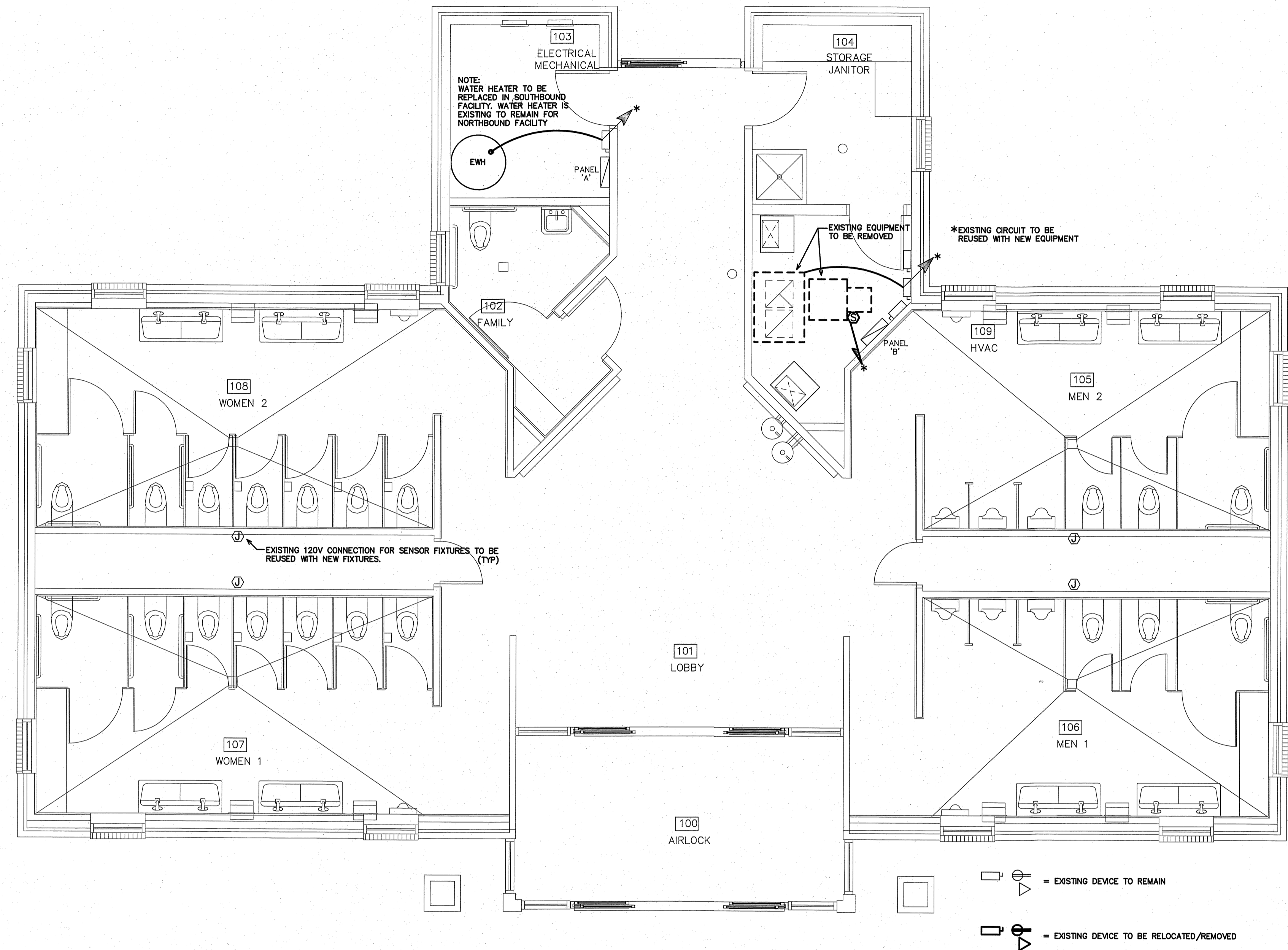


PLOT DATE 11/4/2022

This original sheet is 24" x 36"; other dimensions indicate it has been altered.
 All information on this sheet is the property of W. S. Architects, PA and may not be duplicated in whole or in part without written authorization from W. S. Architects, PA. 2022



NOTE:
THE INFORMATION SHOWN ON THIS DRAWING IS FROM A FIELD INVESTIGATION.
THE CONTRACTOR IS RESPONSIBLE FOR VISITING THE SITE AND FIELD VERIFYING ALL RELEVANT INFORMATION.
THE SUBMISSION OF A BID INDICATES ACCEPTANCE OF EXISTING CONDITIONS. NOTIFY THE ENGINEER
OF ANY DISCREPANCIES NOTED.



1 EXISTING POWER PLAN
SCALE: 1/4" = 1'-0"

WBS# 15RE.16.3

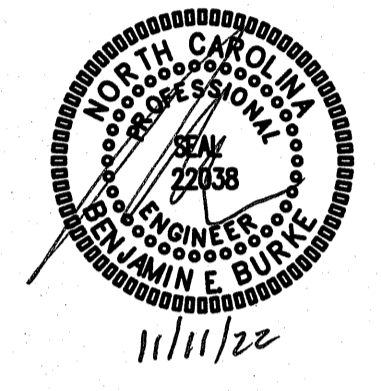
PROJECT TITLE
I-95 JOHNSTON CTY.
NORTHBOUND & SOUTHBOUND
I-95 JOHNSTON CTY.
SELMA, NORTH CAROLINA

PROJECT NO.
2204a
DRAWING TITLE
EXISTING POWER PLAN

E4

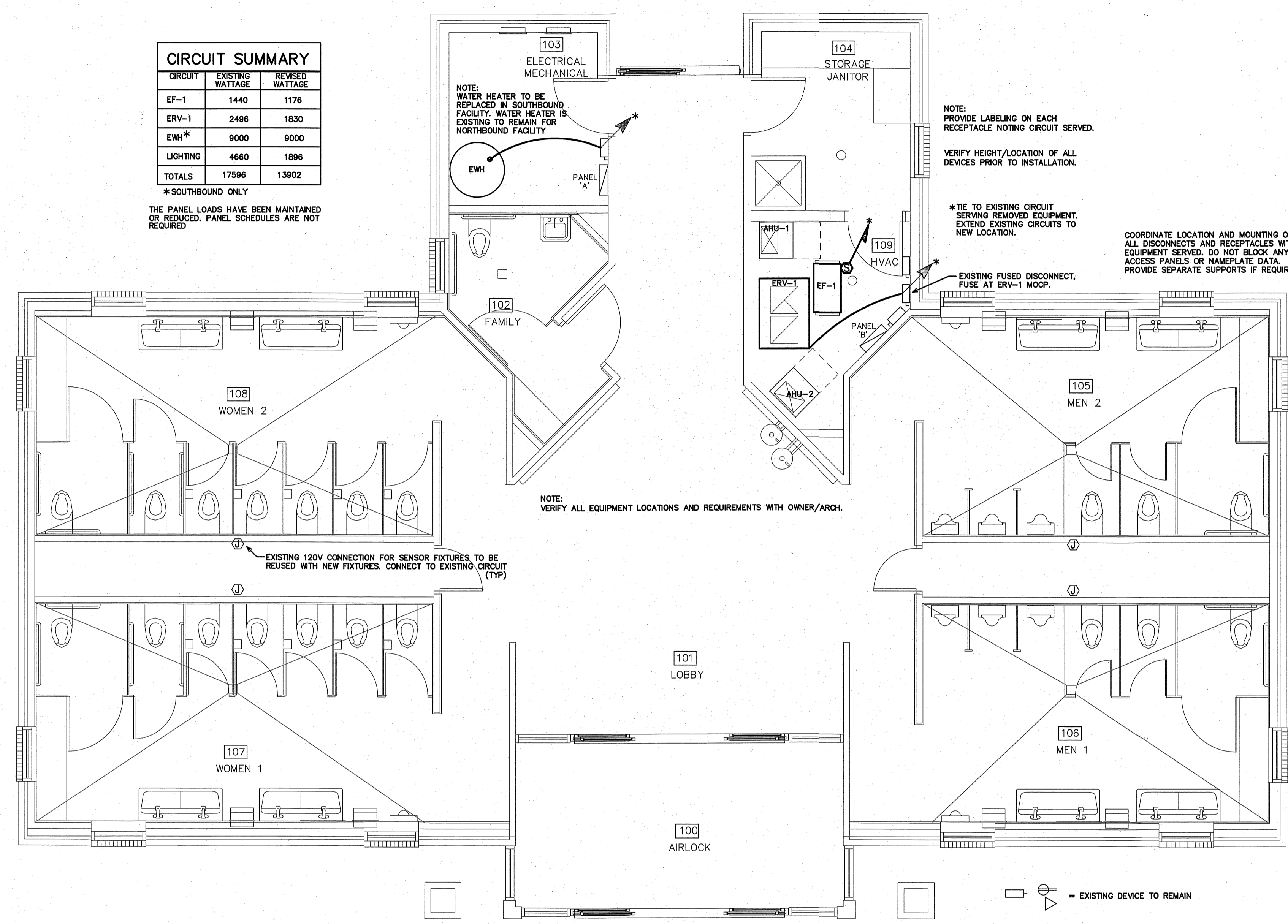
PLOT DATE 11/4/2022

This original sheet is 24" x 36"; other dimensions indicate it has been altered.
All information on this sheet is the property of W. S. Architects, PA and may not be duplicated in whole or in part without written authorization from W. S. Architects, PA. 2022



CIRCUIT SUMMARY		
CIRCUIT	EXISTING WATTAGE	REVISED WATTAGE
EF-1	1440	1176
ERV-1	2496	1830
EWH*	9000	9000
LIGHTING	4660	1896
TOTALS	17596	13902

*SOUTHBOUND ONLY
THE PANEL LOADS HAVE BEEN MAINTAINED OR REDUCED. PANEL SCHEDULES ARE NOT REQUIRED.



NOTE:
WATER HEATER TO BE REPLACED IN SOUTHBOUND FACILITY. WATER HEATER IS EXISTING TO REMAIN FOR NORTHBOUND FACILITY.

NOTE:
PROVIDE LABELING ON EACH RECEPTACLE NOTING CIRCUIT SERVED.

VERIFY HEIGHT/LOCATION OF ALL DEVICES PRIOR TO INSTALLATION.

*TIE TO EXISTING CIRCUIT SERVING REMOVED EQUIPMENT. EXTEND EXISTING CIRCUITS TO NEW LOCATION.

COORDINATE LOCATION AND MOUNTING OF ALL DISCONNECTS AND RECEPTACLES WITH EQUIPMENT SERVED. DO NOT BLOCK ANY ACCESS PANELS OR NAMEPLATE DATA. PROVIDE SEPARATE SUPPORTS IF REQUIRED.

EXISTING FUSED DISCONNECT, FUSE AT ERV-1 MCCP.

NOTE:
VERIFY ALL EQUIPMENT LOCATIONS AND REQUIREMENTS WITH OWNER/ARCH.

EXISTING 120V CONNECTION FOR SENSOR FIXTURES TO BE REUSED WITH NEW FIXTURES. CONNECT TO EXISTING CIRCUIT (TYP)

EXISTING DEVICE TO REMAIN

NEW/RELOCATED DEVICE

1 REVISED POWER PLAN
SCALE: 1/4" = 1'-0"

WBS# 15RE.16.3

PROJECT TITLE
I-95 JOHNSTON CTY.
NORTHBOUND & SOUTHBOUND
I-95 JOHNSTON CTY.
SELMA, NORTH CAROLINA

PROJECT NO.
2204a

DRAWING TITLE
REVISED POWER PLAN