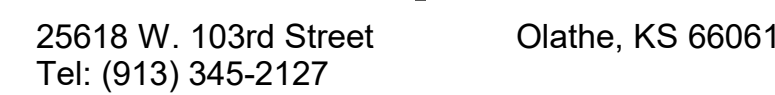


501 NE COLBERN ROAD
LEE'S SUMMIT, MO 64086



SHEET NUMBER	SHEET NAME	PERMIT SET: 07/12/2022
G-000	COVER	X
G-001	SYMBOLS AND ABBREVIATIONS	X
A-101	OVERALL FLOOR PLAN	X
A-102	RESTROOM DEMOLITION, FLOOR, AND CEILING PLAN	X
A-401	INTERIOR ELEVATIONS	X
A-501	SECTIONS, PARTITION AND DOOR SCHEDULES	X
A-801	INTERIOR DETAILS, FINISH SCHEDULE AND LEGEND	X
ME-101	MECHANICAL AND ELECTRICAL SYMBOLS AND ABBREVIATIONS	X
ME-102	MECHANICAL AND ELECTRICAL - SPECIFICATIONS	X
ME-103	MECHANICAL AND ELECTRICAL - SPECIFICATIONS	X
ME-202	1ST FLOOR MECHANICAL & ELECTRICAL PLAN	X
ME-203	MECHANICAL AND ELECTRICAL ROOF PLAN	X
ME-301	MECHANICAL AND ELECTRICAL SCHEDULES	X
ME-401	MECHANICAL AND ELECTRICAL DETAILS	X
M201	1ST FLOOR HVAC PLAN	X
P102	ENLARGED PLUMBING PLAN	X
F102	ENLARGED ELECTRICAL	X

ROOF / CEILING ASSEMBLIES

NR



ARCHITECT
YAEGER ARCHITECTURE, INC.
8655 Penrose Lane, Suite 300
Lenexa, KS 66219
Tel: (913) 742-8000
Fax: (913) 742-8570
yaegerarchitecture.com
Missouri certificate of authority no: 000270

MEP ENGINEER
Smith & Boucher, Inc.
25618 W. 103rd Street
Olathe, KS 66061
Tel: (913) 345-2127

ADAMS TOYOTA RESTROOM RENOVATION
501 NE COLBERN ROAD
LEE'S SUMMIT, MO 64086

PROJECT NO:	A21093
DATE:	07/12/2022
DRAWN BY:	JG/JW
CHECKED BY:	JW
CHECKED BY:	PL

REVISED DATE	DESCRIPTION
--------------	-------------

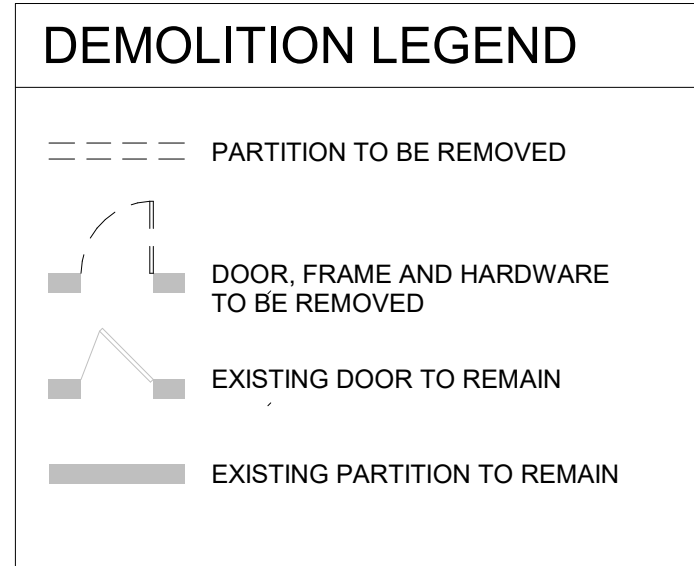
OVERALL FLOOR PLAN

A-101
© YAEGER ARCHITECTURE, INC.

FILE PATH: B:\01\2020\Adams Toyota Restroom\A21093-ADAMS_TOYOTA_RESTROOMS_REV.dwg
PLOT DATE: 7/25/2022 11:08:00 AM

MEP ENGINEER
Smith & Boucher, Inc.
25618 W. 103rd Street
Olathe, KS 66061
Tel: (913) 345-2127

Smith & Boucher, Inc.
25618 W. 103rd Street
Olathe, KS 66061
Tel: (913) 345-2127

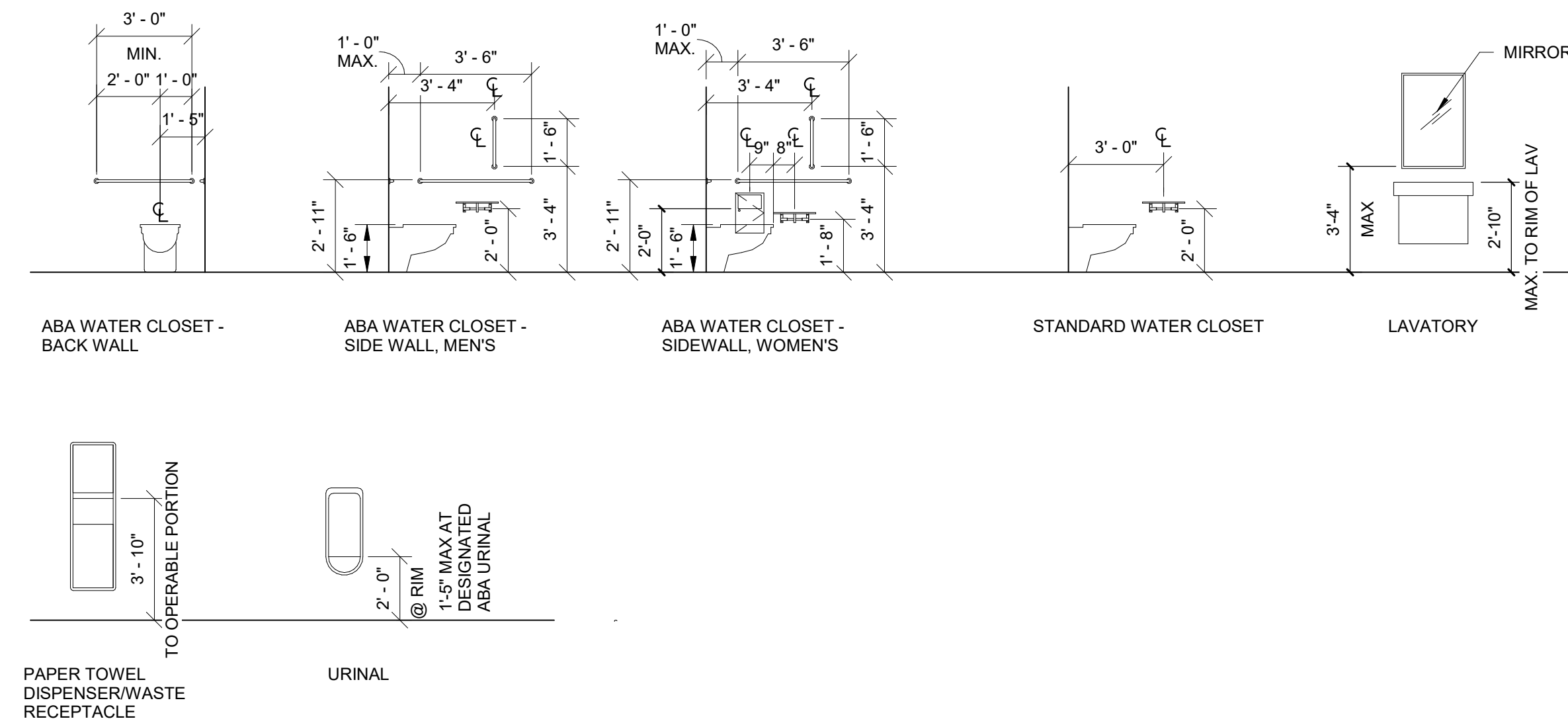


- DEMOLITION GENERAL NOTES**
1. EXISTING WATER CLOSETS AND URINALS SHALL REMAIN IN PLACE. PROTECT DURING CONSTRUCTION.
 2. REMOVE ALL EXISTING WASHROOM ACCESSORIES AND STORE PER OWNER'S DIRECTION.

DEMOLITION KEYNOTES

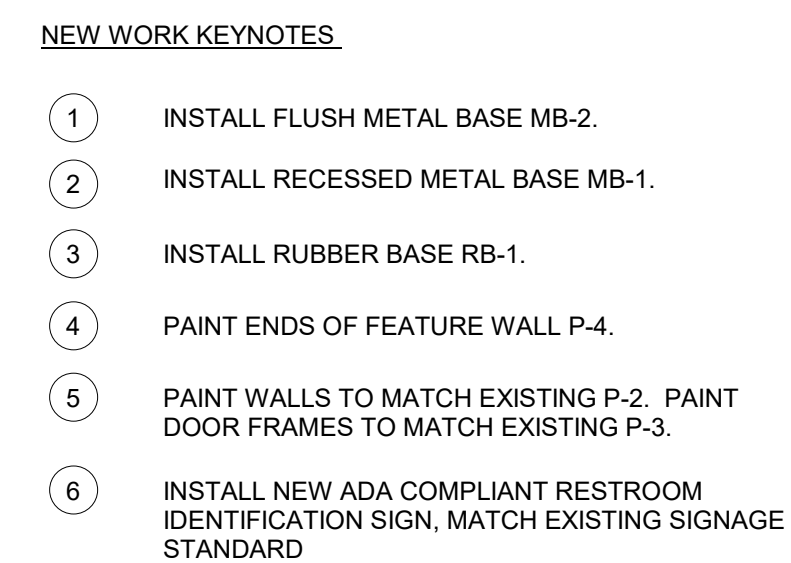
- | | |
|---|---|
| 1 | DEMOLISH EXISTING PARTITION. |
| 2 | DEMOLISH EXISTING DOOR, FRAME, AND HARDWARE. STORE PER OWNER'S DIRECTION. |
| 3 | DEMOLISH EXISTING SUSPENDED CEILING PANELS AND GRID. SALVAGE AND REUSE CEILING PANELS AND LIGHT FIXTURES FOR OWNER'S ATTIC STOCK. |
| 4 | DEMOLISH FLOORING FINISH, INCLUDING ALL ADHESIVE, AND PREPARE FLOOR TO RECEIVE NEW FLOORING FINISH AS SCHEDULED. |
| 5 | DEMOLISH EXISTING TOILET PARTITIONS. PATCH AND REPAIR WALLS AND FLOORS AS REQUIRED. |
| 6 | DEMOLISH EXISTING COUNTERTOP AND LAVATORY. PATCH AND REPAIR WALLS AS REQUIRED TO RECEIVE NEW LAVATORY. |
| 7 | RELOCATE EXISTING EQUIPMENT FROM THIS OFFICE TO COPY/REPRODUCTION COORDINATE EXACT LOCATION WITH OWNER. |

TOILET ACCESSORIES SCHEDULE			
TYPE MARK	DESCRIPTION	MANUFACTURER	MODEL
DCS	SURFACE MOUNTED DIAPER CHANGING STATION	BRADLEY CORPORATION	962-11
FMG	24" X 36" FRAMELESS FROSTED GLASS MIRROR	BRADLEY CORPORATION	747F
GB1	3 STAINLESS STEEL GIZMOMATS WITH CONCEALED MOUNTING - 42" SIDE, 36" BACK, HORIZONTAL ORIENTATION - 16" SIDE, VERTICAL ORIENTATION	BRADLEY CORPORATION	812 SERIES
MG	24" X 36" LIGHTED MIRROR - COORDINATE WITH ELECTRICAL DWGS.	BOBRICK	B-187 2436
RPTD	RECESSED PAPER TOWEL DISPENSER WITH WASTE RECEPTACLE	BRADLEY CORPORATION	2356-000000
SND	SANITARY NAPKIN DISPOSAL - SURFACE MOUNTED	BRADLEY CORPORATION	4737-11
SPTD	SURFACE MOUNTED PAPER TOWEL DISPENSER WITH WASTE RECEPTACLE	BRADLEY CORPORATION	2356-11
TPD	TOWEL PAPER DISPENSER - TWO ROLL SIDE BY SIDE WITH SHELVE	BRADLEY CORPORATION	5263

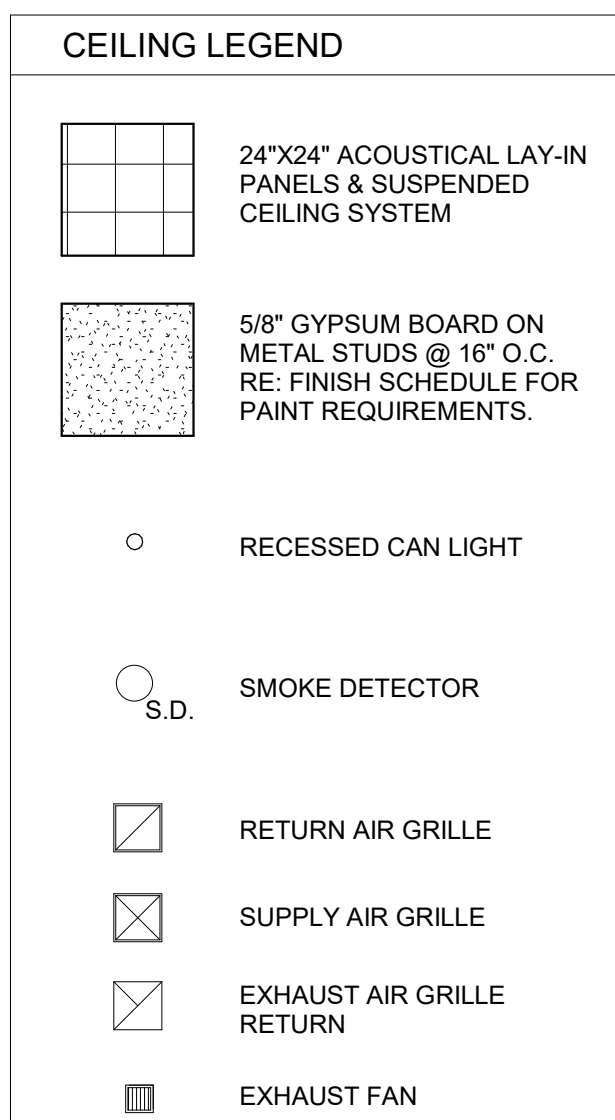


NOTE
RE: PLAN FOR TOILET ACCESSORY LOCATIONS

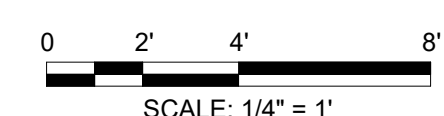
SCALE 1/4" = 1'-0"



A5 ENLARGED RESTROOM PLAN



A3 REFLECTED CEILING PLAN

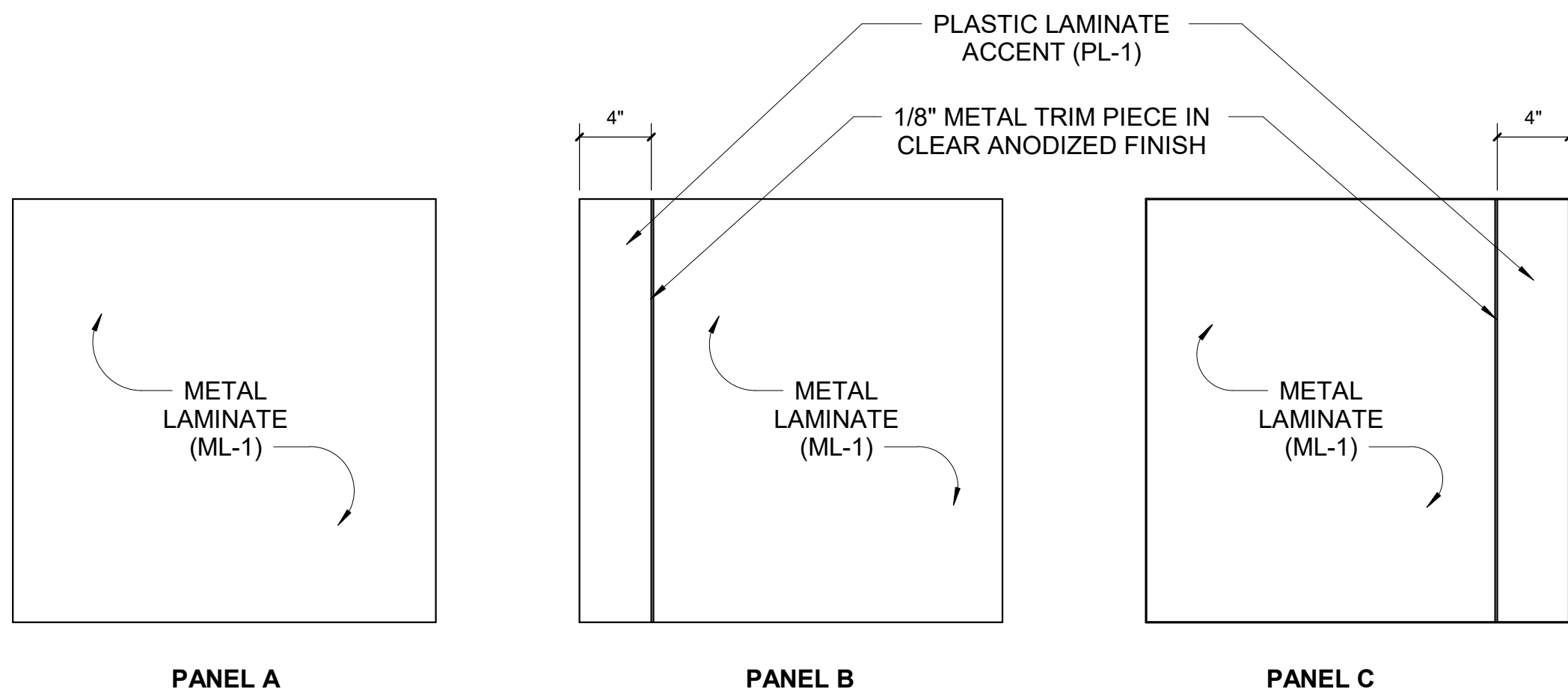


PROJECT NO:	A21093
DATE:	07/12/2022
DRAWN BY:	JG/JW
CHECKED BY:	JW
CHECKED BY:	PL
REVISED DATE	DESCRIPTION

A-102

© YAEGER ARCHITECTURE, INC.

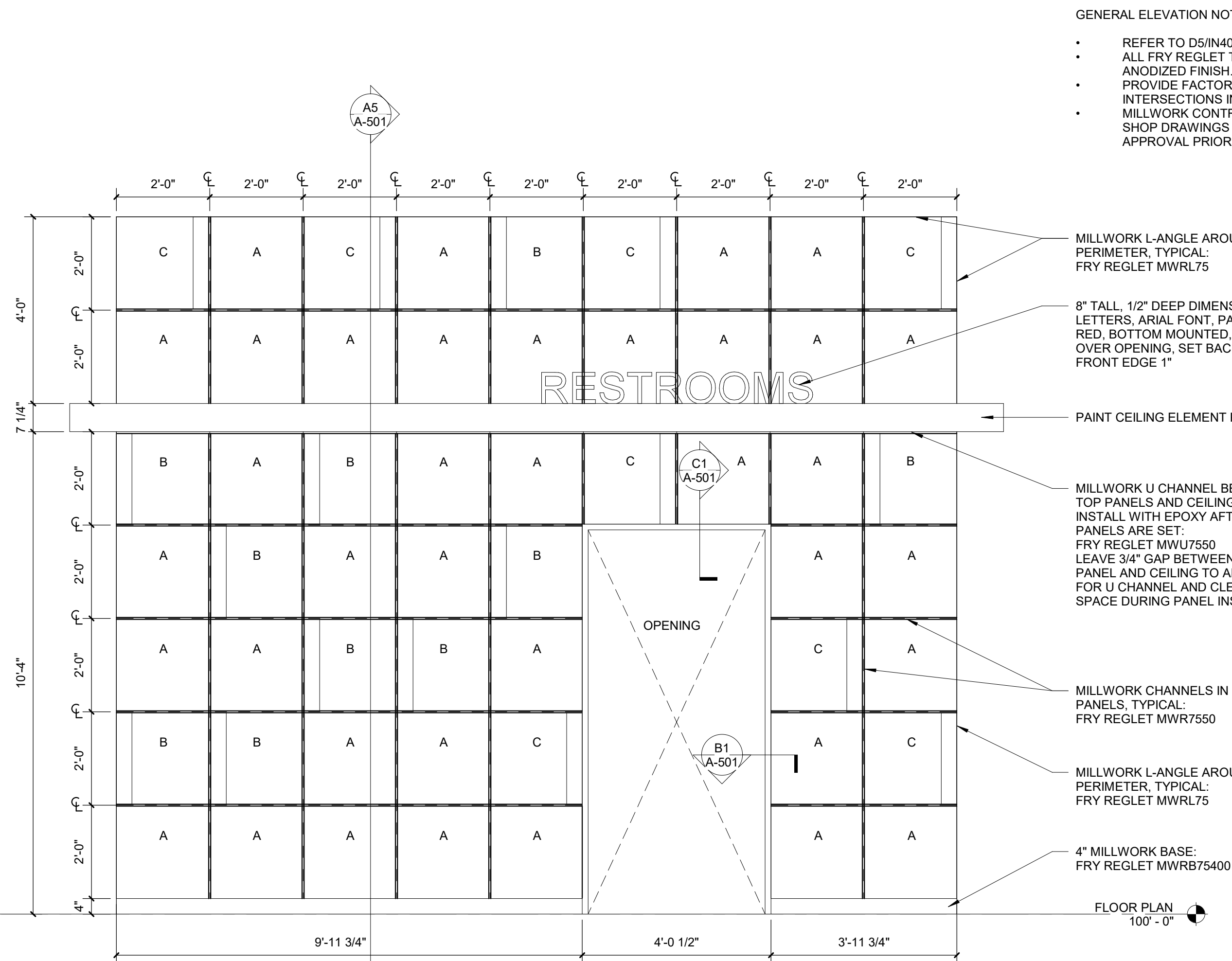
TOILET ACCESSORIES SCHEDULE			
TYPE MARK	DESCRIPTION	MANUFACTURER	MODEL
DCS	SURFACE MOUNTED DIAPER CHANGING STATION	BRADLEY CORPORATION	962-11
FMG	24" X 36" FRAMELESS FROSTED GLASS MIRROR	BRADLEY CORPORATION	747F
GB1	3 STAINLESS STEEL GRAB BARS WITH CONCEALED MOUNTING - 42" SIDE, 36" BACK, HORIZONTAL ORIENTATION - 18" SIDE, VERTICAL ORIENTATION	BRADLEY CORPORATION	812 SERIES
MG	24" X 36" LIGHTED MIRROR - COORDINATE WITH ELECTRICAL DWGS.	BOBRICK	B-167 2436
RPTD	RECESSED PAPER TOWEL DISPENSER WITH WASTE RECEPTACLE	BRADLEY CORPORATION	235-000000
SND	SANITARY NAPKIN DISPOSAL - SURFACE MOUNTED	BRADLEY CORPORATION	4737-11
SPTD	SURFACE MOUNTED PAPER TOWEL DISPENSER WITH WASTE RECEPTACLE	BRADLEY CORPORATION	238-11
TPD	TOILET PAPER DISPENSER - TWO ROLL SIDE BY SIDE WITH SHELF	BRADLEY CORPORATION	5263



LAMINATES ARE ADHERED TO 1/2" MDF SUBSTRATE. PANEL SIZES SHALL COORDINATE WITH DIMENSIONS ON SCREEN WALL ELEVATION B5/IN401

D5 PANEL LEGEND

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



GENERAL ELEVATION NOTES:

- REFER TO D5/IN401 FOR PANEL LEGEND
- ALL FRY REGLET TRIM SHALL BE CLEAR ANODIZED FINISH.
- PROVIDE FACTORY FABRICATED INTERSECTIONS IN STANDARD 6" LEGS.
- MILLWORK CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR ARCHITECT'S APPROVAL PRIOR TO FABRICATION.

MILLWORK L-ANGLE AROUND PERIMETER, TYPICAL: FRY REGLET MWRL75

8" TALL, 1/2" DEEP DIMENSIONAL LETTERS, ARIAL FONT, PAINT TOYOTA RED, BOTTOM MOUNTED, CENTER OVER OPENING, SET BACK FROM FRONT EDGE 1"

PAINT CEILING ELEMENT P-1

MILLWORK U CHANNEL BETWEEN TOP PANELS AND CEILING ELEMENT, INSTALL WITH EPOXY AFTER ALL PANELS ARE SET: FRY REGLET MWRL7550 LEAVE 3/4" GAP BETWEEN TOP OF PANEL AND CEILING TO ALLOW ROOM FOR U CHANNEL AND CLEAT LIFT OFF SPACE DURING PANEL INSTALLATION

MILLWORK CHANNELS IN BETWEEN PANELS, TYPICAL: FRY REGLET MWRL7550

MILLWORK L-ANGLE AROUND PERIMETER, TYPICAL: FRY REGLET MWRL75

4" MILLWORK BASE: FRY REGLET MWRL75400

FLOOR PLAN 100' - 0"

B5 SHOWROOM SCREENWALL ELEVATION

SCALE 1/2" = 1'-0"

B3 SHOWROOM CASEWORK ELEVATION

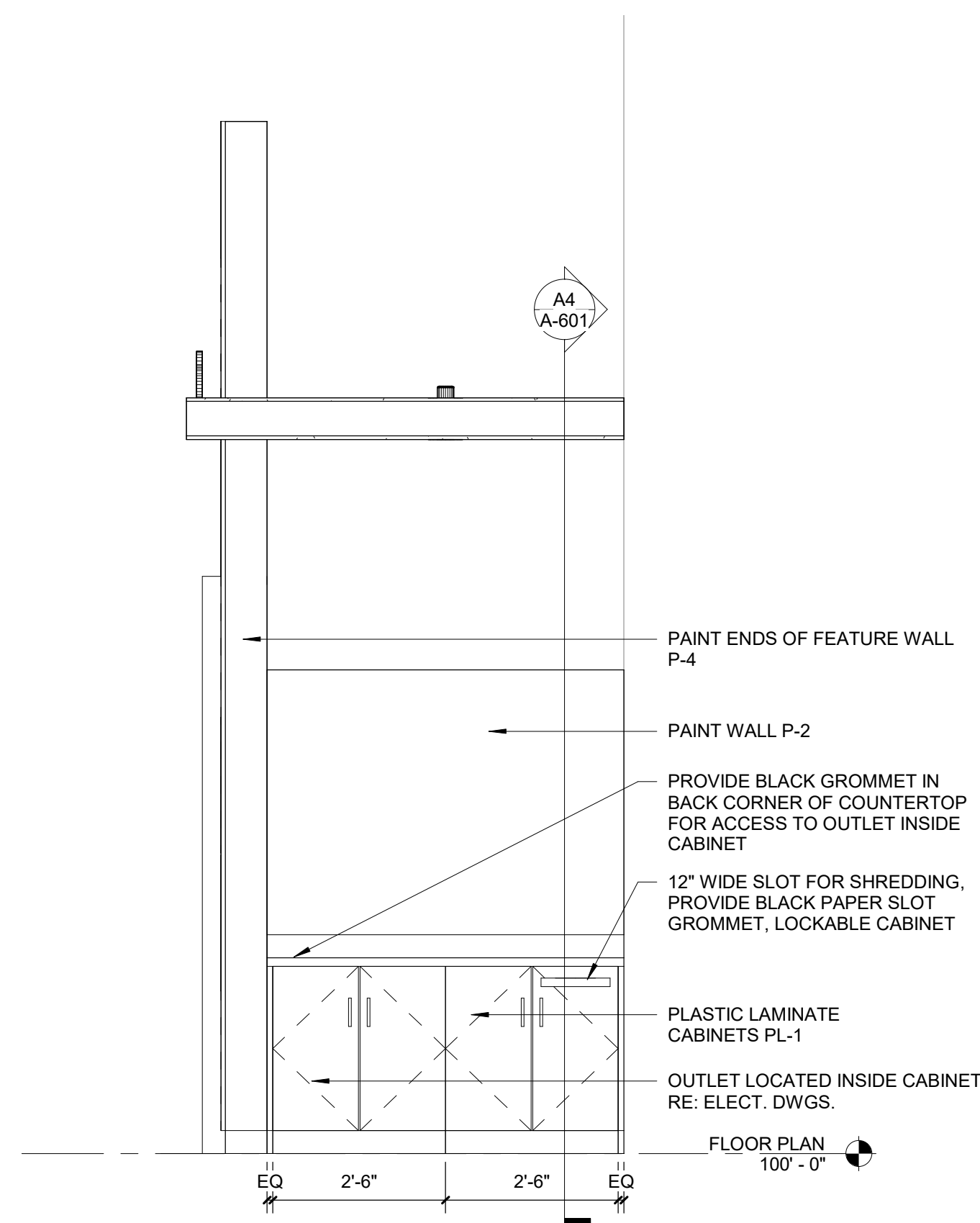
SCALE 1/2" = 1'-0"

B2 MEN 127 ELEVATION

SCALE 1/2" = 1'-0"

C2 WOMEN 128 ELEVATION

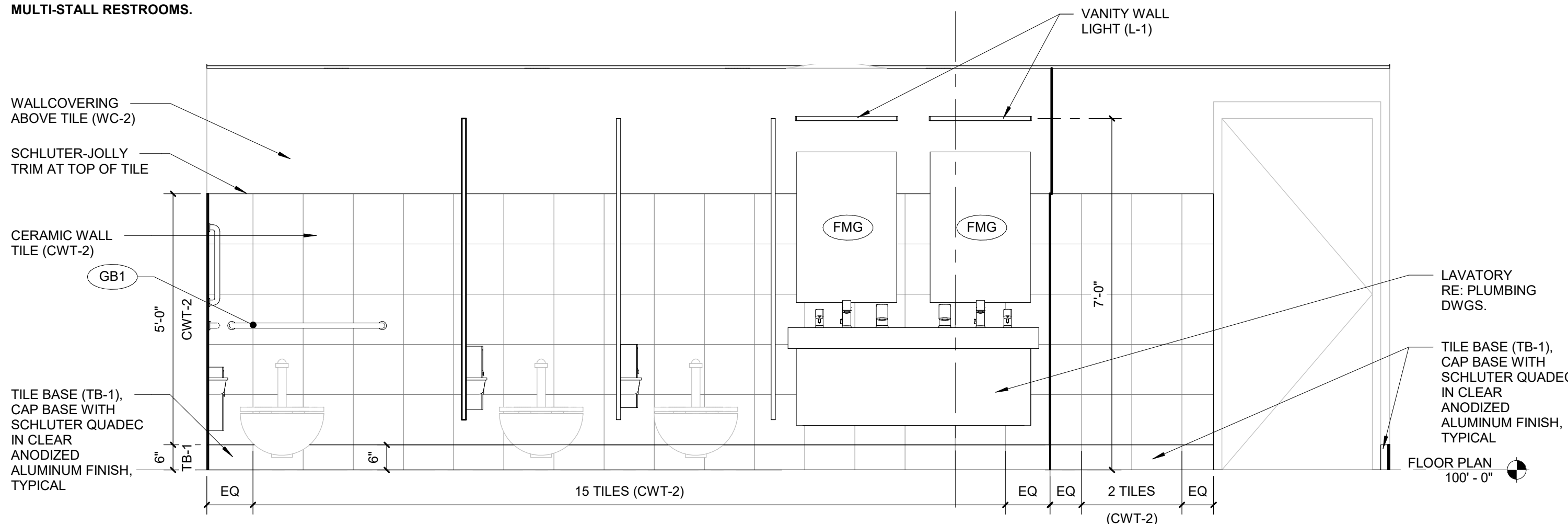
SCALE 1/2" = 1'-0"



NOTE: ALL WALLS WITHIN THIS RESTROOM SHALL RECEIVE SAME BASE, TILE, AND WALLCOVERING FINISH.

NOTE: ALL WALLS WITHIN THIS RESTROOM SHALL RECEIVE SAME BASE, TILE, AND WALLCOVERING FINISH.

NOTE: REFER TO D5/IN401 FOR WALL FINISH INFORMATION IN MULTI-STALL RESTROOMS.



A5 TYPICAL MULTI-STALL ELEVATION

SCALE 1/2" = 1'-0"

A3 MULTI-STALL SIDE ELEVATION

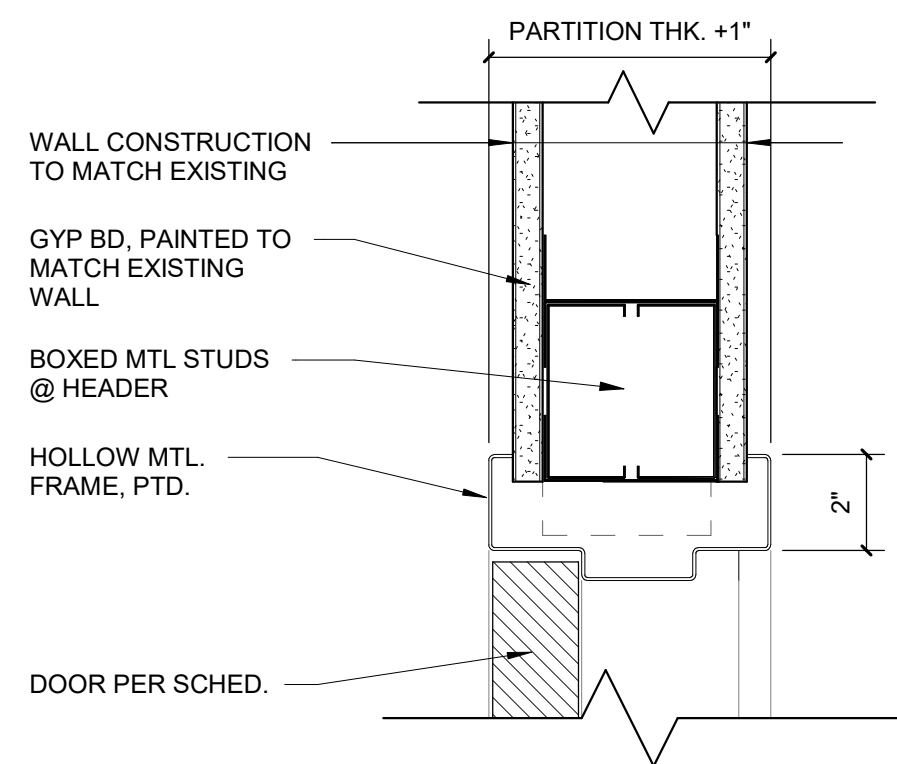
SCALE 1/2" = 1'-0"

A2 MULTI-STALL SIDE ELEVATION

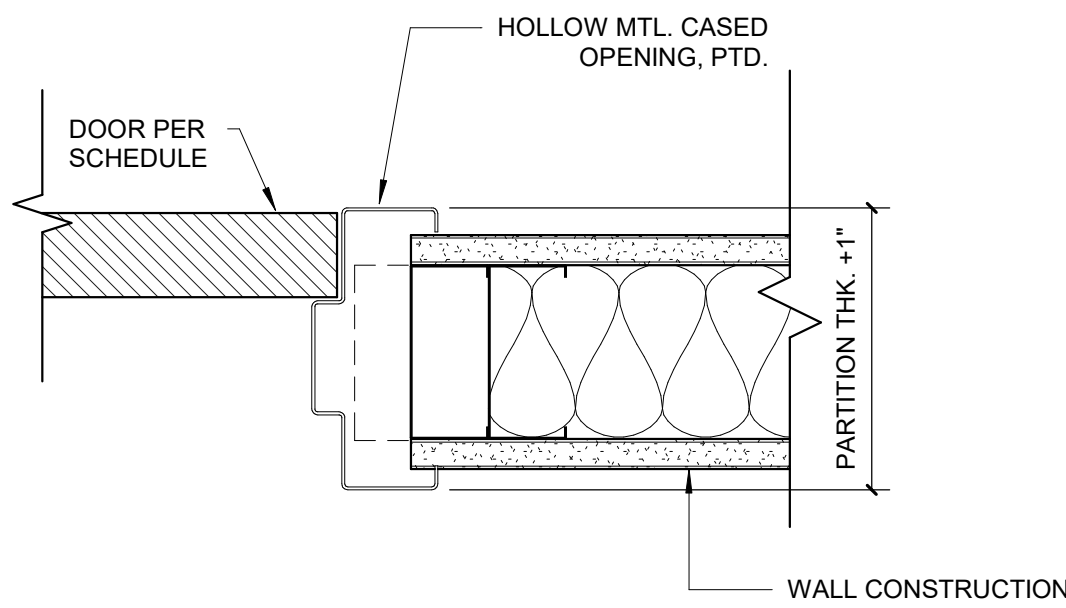
SCALE 1/2" = 1'-0"

DOOR AND FRAME SCHEDULE									
DOOR NUMBER		DOOR			HARDWARE SET	REMARKS	DOOR FRAME		
ROOM	MARK	WIDTH	HEIGHT	TYPE			FRAME TYPE	HEAD DETAIL	JAMB DETAIL
127	127	3'-0"	7'-0"	AWS	SET #1	FLUSH PANEL WOOD DOOR WITH 2" INTERIOR HOLLOW METAL FRAME	HOLLOW METAL	C5/AE102	C4/AE102
128	128	3'-0"	7'-0"	AWS	SET #1	FLUSH PANEL WOOD DOOR WITH 2" INTERIOR HOLLOW METAL FRAME	HOLLOW METAL	C5/AE102	C4/AE102

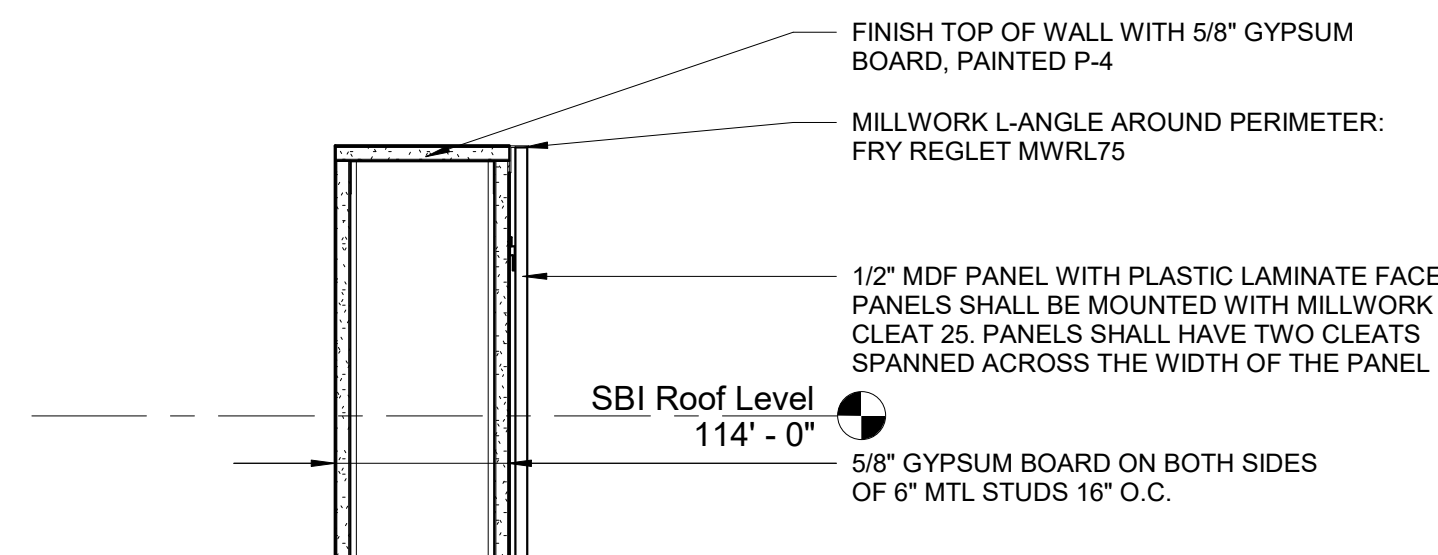
- NOTES:
- DOOR SPECIES AND STAIN FOR NEW WOOD DOORS SHALL MATCH EXISTING.
 - PAINT HOLLOW METAL DOOR FRAMES TO MATCH EXISTING P-2.
 - HARDWARE SET #1 SHALL INCLUDE:
 - 3 HINGES
 - 1 LEVER WITH PRIVACY FUNCTION
 - 1 SURFACE CLOSER
 - 1 SET SILENCERS
 - 1 WALL STOP
 - SOUND GASKETING
 - FINISHES TO MATCH EXISTING HARDWARE



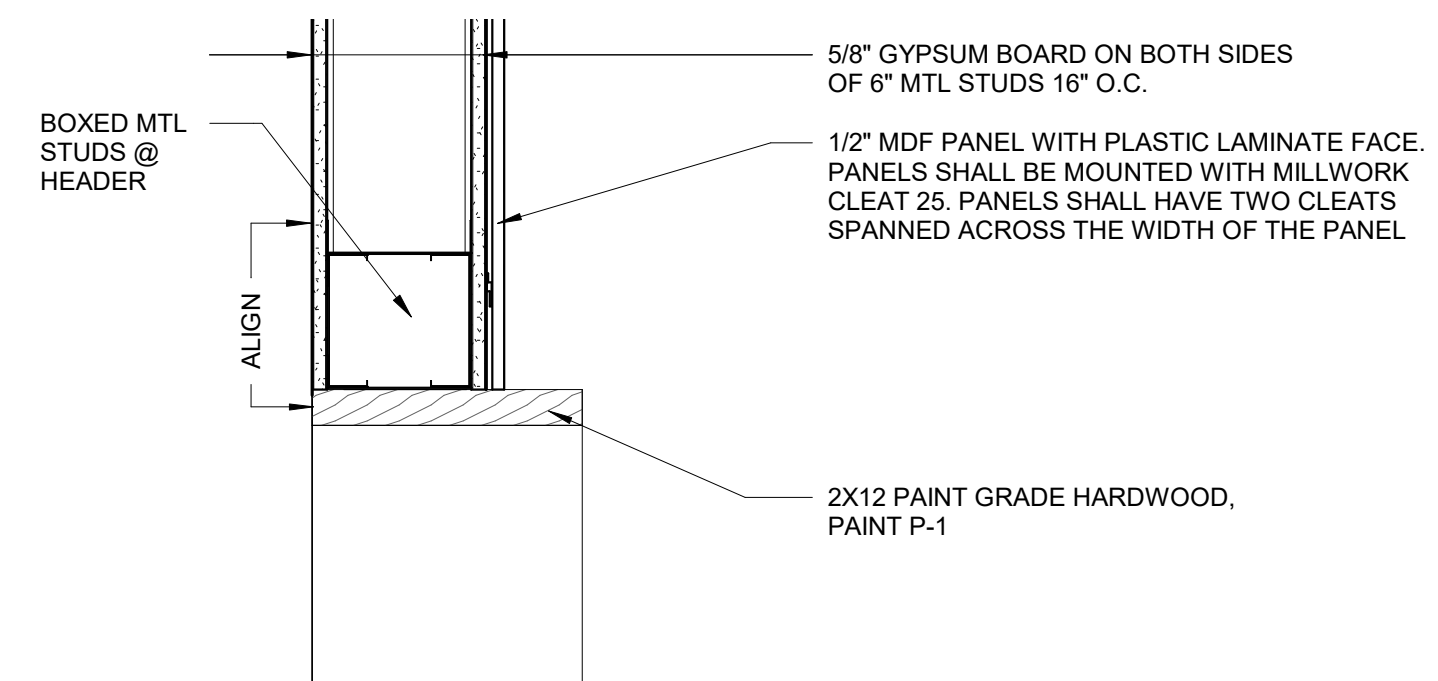
C5 H.M. HEAD DTL.
SCALE 3" = 1'-0"



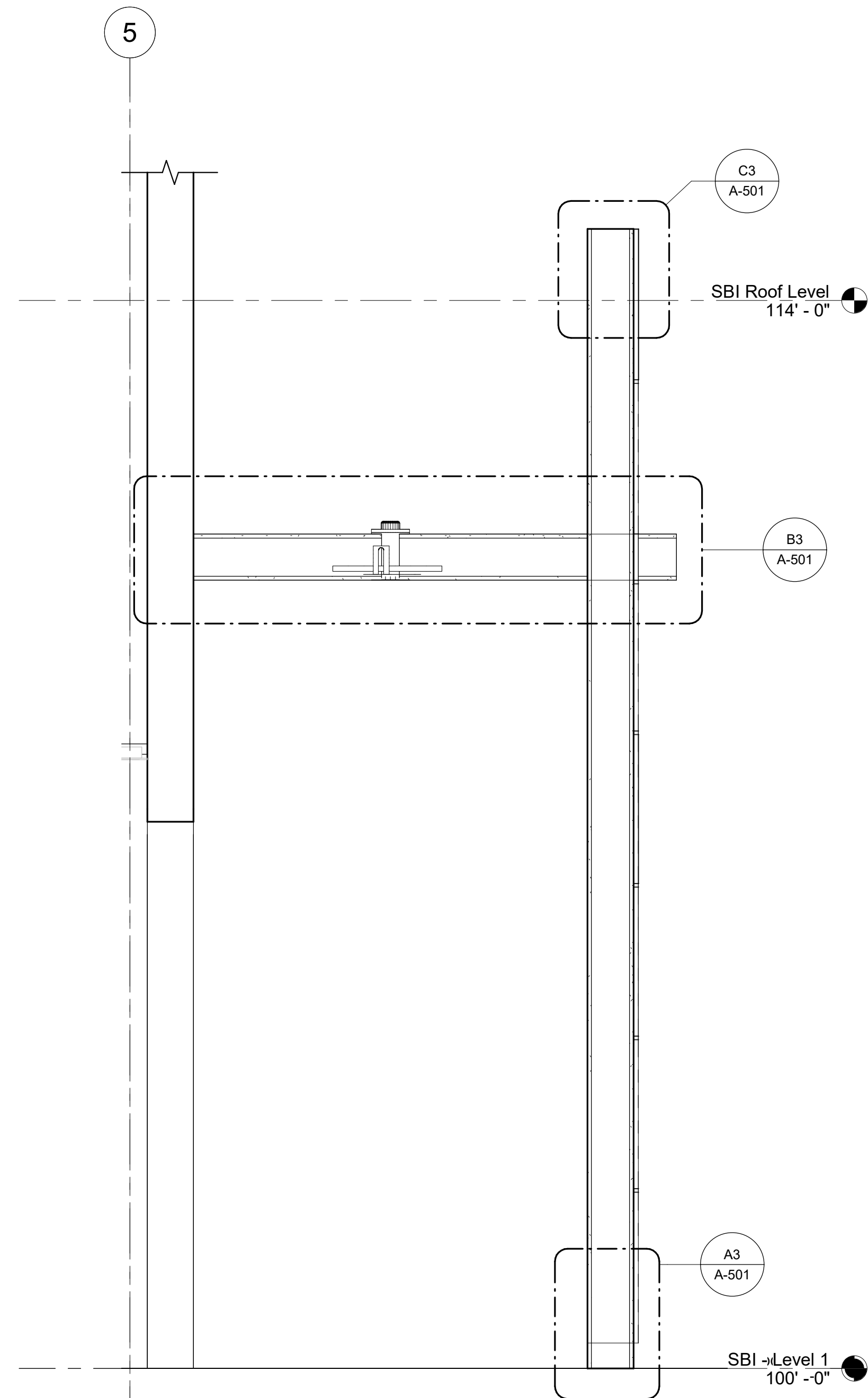
C4 H.M. JAMB DTL.
SCALE 3" = 1'-0"



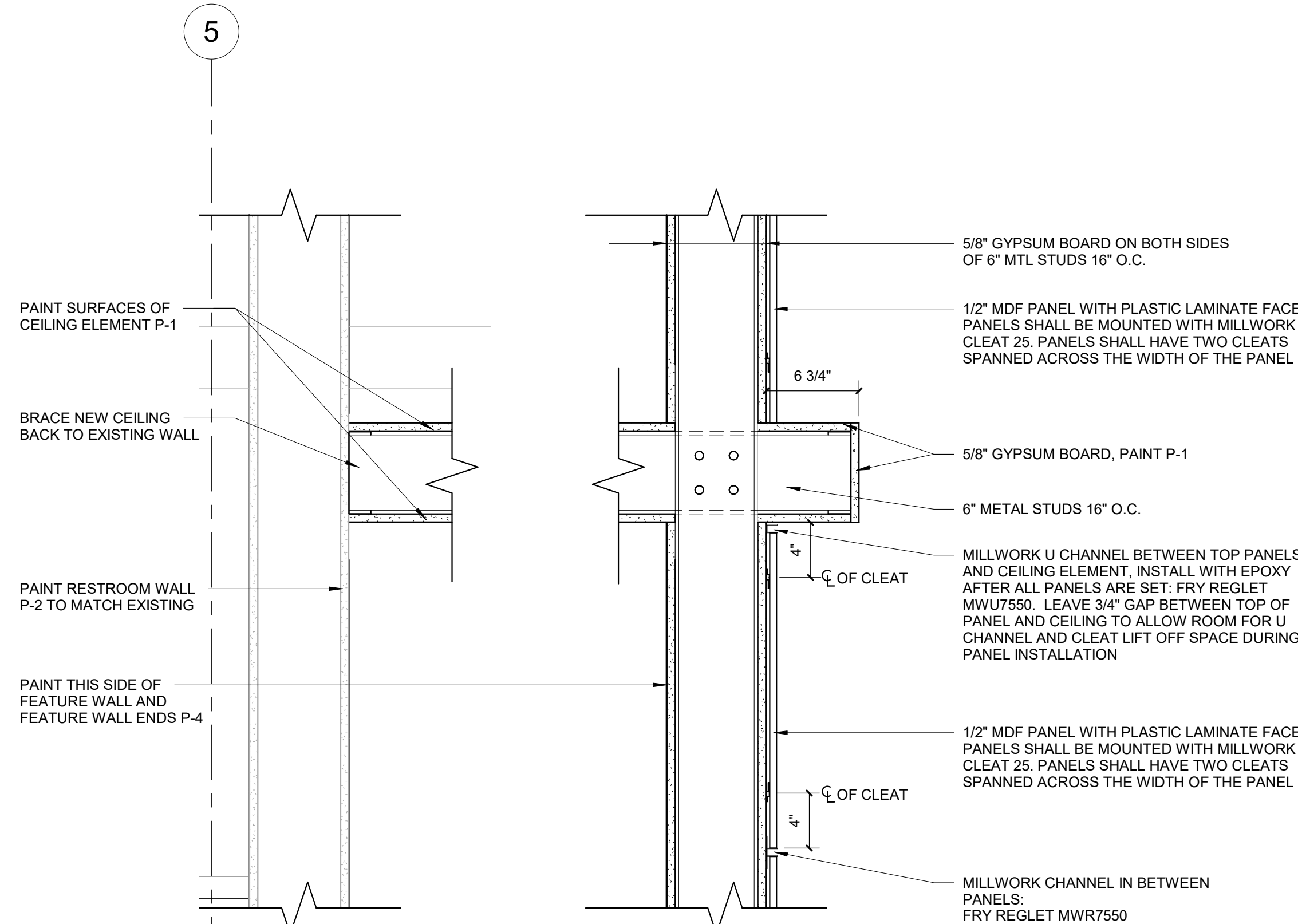
C3 TOP OF SCREEN WALL
SCALE 1 1/2" = 1'-0"



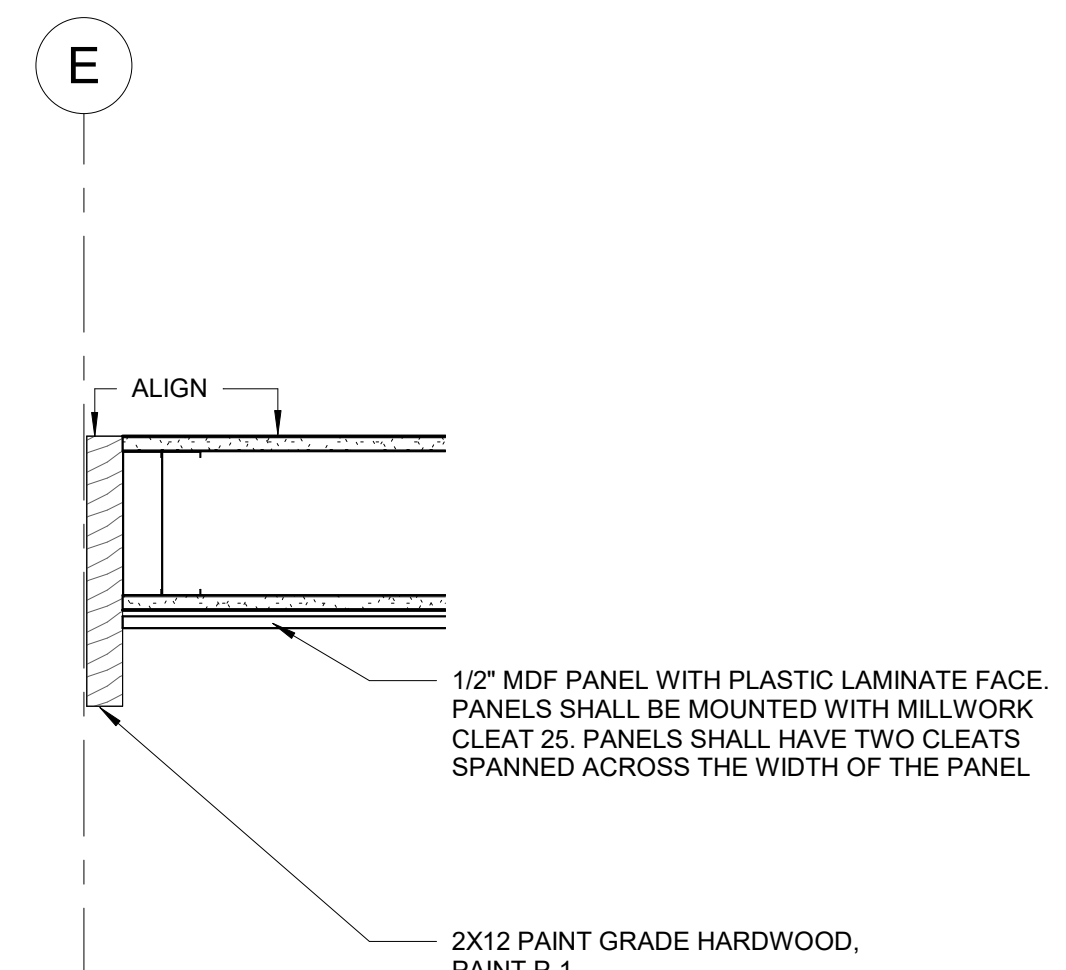
C1 SCREEN WALL OPENING HEAD
SCALE 1 1/2" = 1'-0"



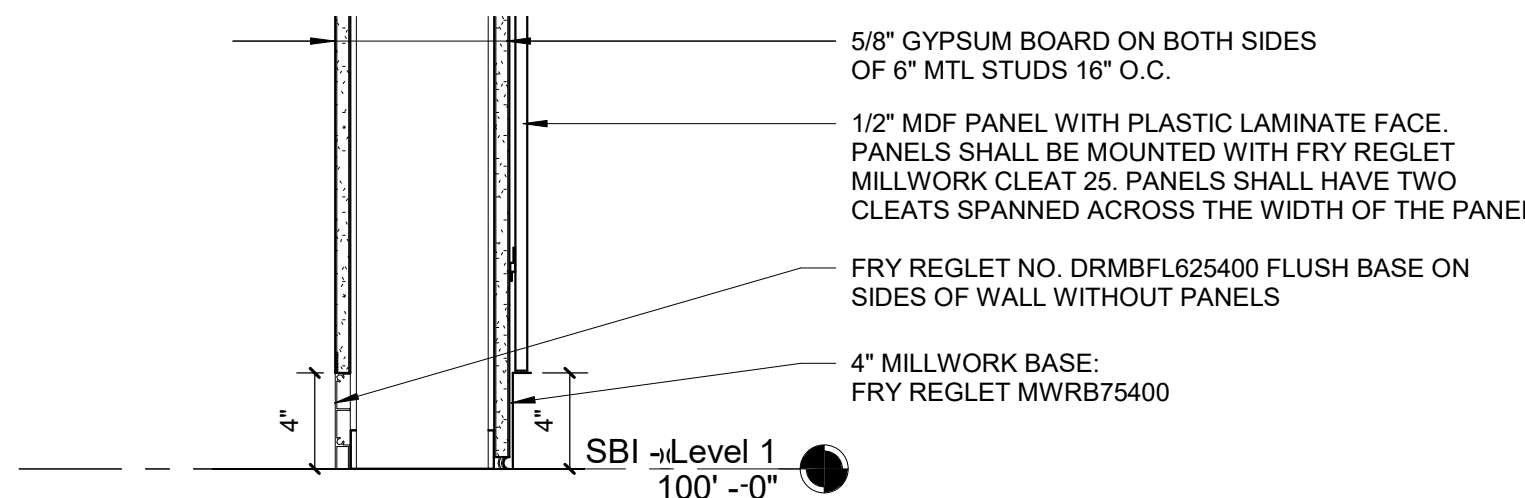
A5 SCREEN WALL SECTION
SCALE 3/4" = 1'-0"



B3 SCREEN WALL CEILING DETAIL
SCALE 1 1/2" = 1'-0"



B1 SCREEN WALL OPENING JAMB
SCALE 1 1/2" = 1'-0"



A3 SCREEN WALL BASE
SCALE 1 1/2" = 1'-0"

PARTITION SCHEDULE				
TYPE	DESCRIPTION	WIDTH	FIRE RATING	STC
1.4A	4 7/8" W, 3 5/8" MTL STUD W/ 5/8" GYPSUM BOARD ON EACH SIDE. FINISH TOP OF WALL WITH 5/8" GYPSUM BOARD.	4 7/8"		
1.7AS	7 1/4" W, 6" MTL STUD W/ 5/8" GYPSUM BOARD ON EACH SIDE TO STRUCT. W/ SOUND BATTS	7 1/4"		
4.1B	4 7/8" W, 3 5/8" MTL STUD W/ 5/8" GB ON ONE SIDE TO 6" INCHES ABOVE CEILING	4 1/4"		
4.6A	3 1/8" W, 2 1/2" MTL STUD W/ 5/8" GB ON ONE SIDE TO 6" ABOVE CEILING	3 1/8"		



ARCHITECT
YAEGER ARCHITECTURE, INC.
8655 Penrose Lane, Suite 300
Lenexa, KS 66219
Tel: (913) 742-8000
Fax: (913) 742-8570
yaegerarchitecture.com
Missouri certificate of authority no: 000270

MEP ENGINEER
Smith & Boucher, Inc.
25618 W. 103rd Street
Olathe, KS 66061
Tel: (913) 345-2127

ADAMS TOYOTA RESTROOM RENOVATION
501 NE COLBERN ROAD
LEE'S SUMMIT, MO 64086

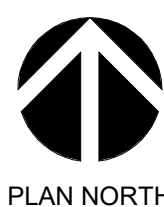
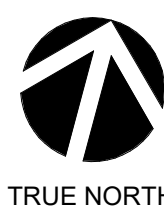
PROJECT NO: A21093
DATE: 07/12/2022
DRAWN BY: JG/JW
CHECKED BY: PL
CHECKED BY: PL

REVISED DATE DESCRIPTION

SECTIONS,
PARTITION AND
DOOR SCHEDULES

A-501

© YAEGER ARCHITECTURE, INC.



D
C
B
A

FILE PATH: B:\06102020-Adams Toyota Restroom\A5-A6-A7-TOYOTA RESTROOMS-REV04
PLOT DATE: 7/25/2022 11:58:10 AM

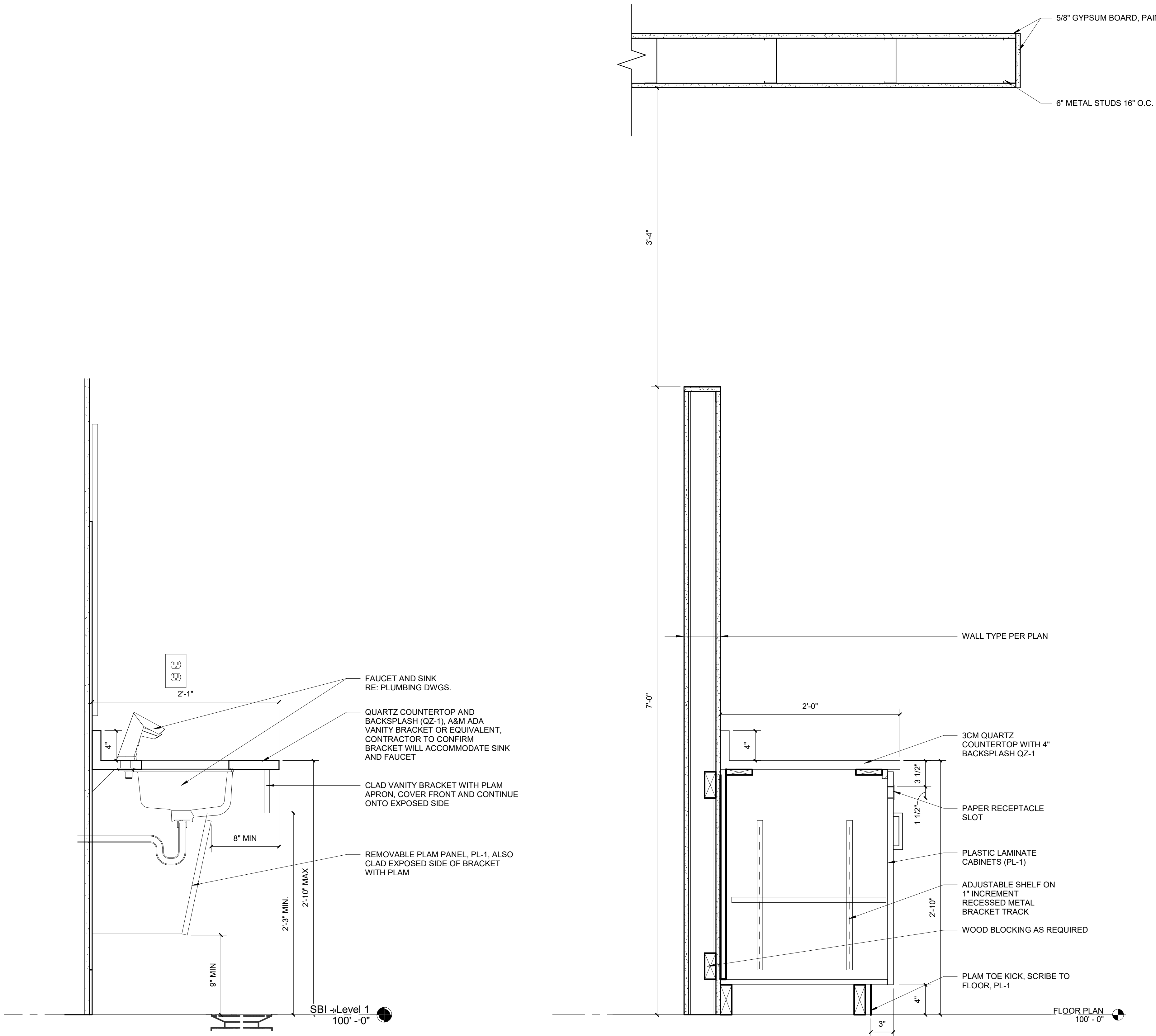
INTERIOR FINISH SCHEDULE									
ROOM NO	ROOM NAME	WALL FINISH				BASE FINISH	FLOOR MATERIAL	CEILING MATL	REMARKS
		NORTH	EAST	SOUTH	WEST				
102A	PRINT STATION	-	P-4	P-2	P-2	REFER TO PLAN	EXISTING CONCRETE	GYP SUM, PAINT P-1	PLAM MILLWORK (PL-1), QUARTZ COUNTERTOP (QZ-1)
124	MEN	CWT-2, WC-2	CWT-2, WC-2	WC-2	WC-2	TB-1	PFT-1	ACT-1	SS-1 COUNTERTOPS, TP-1 TOILET PARTITIONS
125	WOMEN	WC-2	CWT-2, WC-2	CWT-2, WC-2	WC-2	TB-1	PFT-1	ACT-1	SS-1 COUNTERTOPS, TP-1 TOILET PARTITIONS
127	MEN	CWT-1, WC-1	CWT-1, WC-1	CWT-1, WC-1	CWT-1, WC-1	TB-1	PFT-1	ACT-1	QZ-1 COUNTERTOP, PL-1 APRON, TILE TO APPROX. 5'-6" AFF
128	WOMEN	CWT-1, WC-1	CWT-1, WC-1	CWT-1, WC-1	CWT-1, WC-1	TB-1	PFT-1	ACT-1	QZ-1 COUNTERTOP, PL-1 APRON, TILE TO APPROX. 5'-6" AFF

INTERIOR FINISH LEGEND					
CODE	MANUFACTURER	ITEM NUMBER	COLOR	PRODUCT DESCRIPTION	COMMENTS
1 FLOORING					
PFT-1	VIRGINIA TILE	ANATOLIA STATION	SHADOW	32" X 32" PORCELAIN TILE	RESTROOMS, USE GROUT GR-1
2 BASE					
MB-1	FRY REGLET	MWRB75400	CLEAR ANODIZED ALUMINUM	RECESSED BASE ON FEATURE WALL	SHOWROOM SIDE FACE ONLY, UNDER MILLWORK PANELS
MB-2	FRY REGLET	DRMBFL625400	CLEAR ANODIZED ALUMINUM	FLUSH METAL BASE	METAL BASE FOR OTHER 3 FACES OF FEATURE WALL
RB-1	MATCH EXISTING	MATCH EXISTING	MATCH EXISTING	RUBBER BASE - MATCH EXISTING SHOWROOM WALL BASE	
TB-1	VIRGINIA TILE	ANATOLIA STATION	SHADOW	12" X 6" BASE, CUT FROM 12" X 24" TILE	CAP WITH SCHLUTER QUADEK TRIM IN CLEAR ANODIZED ALUMINUM FINISH, USE GROUT GR-1
3 WALL TILE					
CWT-1	EMSER TILE	SPARKLE	WHITE LINEAR	12"X39" TEXTURED CERAMIC WALL TILE	SINGLE RESTROOMS, USE GROUT GR-3
CWT-2	MOSA	MURALS CHANGE	34510	12"X12" CERAMIC WALL TILE	MULTI-STALL RESTROOMS, USE GROUT GR-2
4 GROUT					
GR-1	MAPEI	KERAPOXY CQ	ANTHRACITE	EPOXY GROUT	GROUT FOR FLOOR TILE
GR-2	MAPEI	KERAPOXY CQ	AVALANCHE	EPOXY GROUT	GROUT FOR WALL TILE
GR-3	MAPEI	KERAPOXY CQ	WARM GRAY	EPOXY GROUT	GROUT FOR WALL TILE
5 QUARTZ					
QZ-1	CORIAN QUARTZ	3CM QUARTZ SLAB	CONCRETE CARRARA	3CM SLAB	EASE EDGES, TYPICAL
6 SOLID SURFACE					
SS-1	CORIAN SOLID SURFACE	SOLID SURFACE SHEET	EVEREST	1/2" THICK SOLID SURFACE COUNTERTOP	MULTI-STALL RESTROOM COUNTERTOPS
7 LAMINATE					
ML-1	FORMICA	DECOMETAL M5391	GRAPHITE VEIL	METAL LAMINATE	TYPICAL METAL LAMINATE ON SCREEN WALL
PL-1	WILSONART	7965K-12	WALNUT HEIGHTS	PLASTIC LAMINATE	TYPICAL PLASTIC LAMINATE
8 PAINT					
P-1	MDC	LIQUAPEARL	CUSTOM MATCH	METALLIC PAINT FINISH	MATCH TOYOTA RED, PMS186C, RGB 235 10 30, HEX E50A1E
P-2	SHERWIN WILLIAMS	EG-SHEL INTERIOR PAINT	ORIGAMI WHITE SW7636	EG-SHEL INTERIOR PAINT	CONFIRM MATCHES EXISTING
P-3	SHERWIN WILLIAMS	GLOSS INTERIOR PAINT	ORIGAMI WHITE SW7636	GLOSS TRIM PAINT	DOOR FRAMES, CONFIRM MATCHES EXISTING
P-4	SHERWIN WILLIAMS	EG-SHEL INTERIOR PAINT	IRON ORE SW7069	EG-SHEL INTERIOR PAINT	3 SIDES OF FEATURE WALL
9 WALL COVERING					
WC-1	MDC	JACOBI	VOLT EJA9207	TYPE II VINYL WALLCOVERING	SINGLE RESTROOMS ABOVE TILE
WC-2	KOROSEAL	HEXAGON GRID	ARTEMIS 7422-91	TYPE II VINYL WALLCOVERING	MULTI-STALL RESTROOMS ABOVE TILE
WC-3	WOLF GORDON	OSMOSIS	BORDEAUX GOH32526980	TYPE II VINYL WALLCOVERING	BEHIND DRINKING FOUNTAINS
10 CEILING					
ACT-1	ARMSTRONG	ULTIMA 1951	WHITE	24" X 24" BEVELED REGULAR CEILING PANELS WITH 15/16" SUSPENSION SYSTEM	RESTROOMS
11 TOILET PARTITIONS					
TP-1	GENERAL PARTITIONS	SERIES 40 FLOOR SUPPORTED HEADRAIL	WILSONART WALNUT HEIGHTS 7965-60 (MATTE)	OVERHEAD BRACED TOILET PARTITIONS	MULTI-STALL RESTROOMS

- FINISH NOTES:
1. INSTALL ALL FINISHES ACCORDING TO MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS.
 2. BUILT-IN MILLWORK SHALL BE AWI CUSTOM GRADE.
 3. CABINET HINGES SHALL BE EURO-STYLE CONCEALED STYLE. CABINET PULLS SHALL BE APPROXIMATELY 5", BAR PULL STYLE, IN STAINLESS STEEL FINISH.

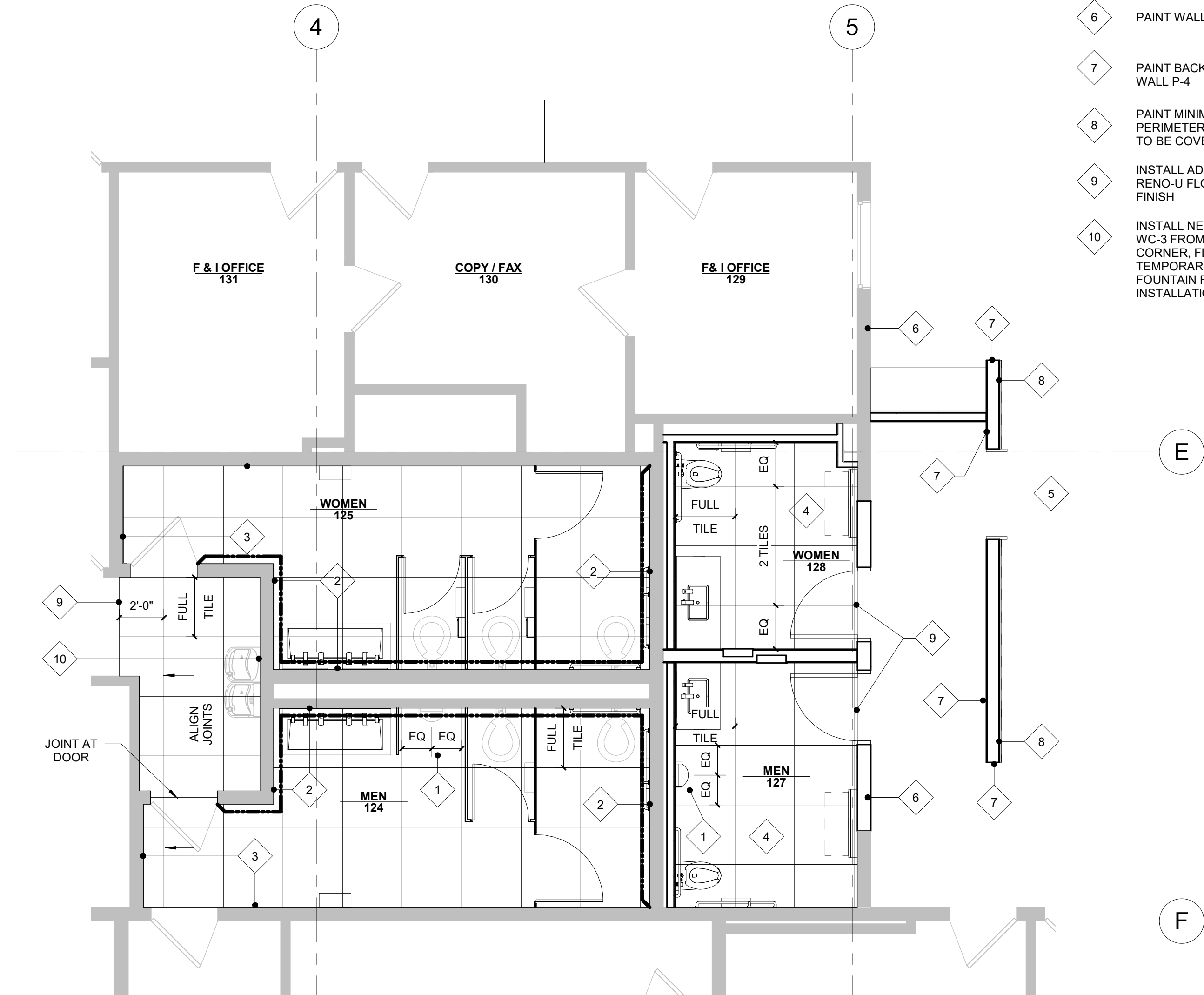
FINISH KEYNOTES

- 1 BEGIN TILE PATTERN AS INDICATED. AVOID GROUT JOINTS UNDER URINAL.
- 2 INSTALL WALL TILE AS INDICATED IN THE FINISH SCHEDULE ON WALLS WITH BOLD DASHED LINE.
- 3 INSTALL WALLCOVERING PER SCHEDULE FROM TOP OF BASE TO CEILING.
- 4 ALL WALLS WITHIN THIS RESTROOM SHALL RECEIVE SAME FINISHES AS SHOWN ON LAVATORY WALL ELEVATION.
- 5 PAINT OPENING FRAME P-1.
- 6 PAINT WALL P-2 TO MATCH EXISTING.
- 7 PAINT BACK AND SIDES OF FEATURE WALL P-4.
- 8 PAINT MINIMUM 12" AROUND ENTIRE PERIMETER OF FEATURE WALL FACE TO BE COVERED WITH PLAM PANELS.
- 9 INSTALL ADA COMPLIANT SCHLUTER RENO-U FLOOR TRANSITION IN EB FINISH.
- 10 INSTALL NEW VINYL WALLCOVERING WC-3 FROM INSIDE CORNER TO INSIDE CORNER, FLOOR TO CEILING. TEMPORARILY REMOVE DRINKING FOUNTAIN FOR WALLCOVERING INSTALLATION AND REINSTALL.



A5 VANITY SECTION
SCALE 1 1/2" = 1'-0"

A4 CABINET SECTION
SCALE 1 1/2" = 1'-0"



A2 ENLARGED TILE LAYOUT PLAN
SCALE 1/4" = 1'-0"



PROJECT NAME: Adams Toyota Restrooms
LOCATION: V. NAME
LAST CORRECTION BY: DATE
PLOT DATE: 7/11/2022 9:56:39 AM
Charles Boucher

PROJECT NAME: Adams Toyota Restrooms
LOCATION: V. NAME
LAST CORRECTION BY: DATE
PLOT DATE: 7/11/2022 9:56:39 AM
Charles Boucher

PROJECT NAME: Adams Toyota Restrooms
LOCATION: V. NAME
LAST CORRECTION BY: DATE
PLOT DATE: 7/11/2022 9:56:39 AM
Charles Boucher

CONDUIT AND WIRE

- ARROWS INDICATE CONDUIT AND WIRE HOME RUN(S) TO PANEL WITH 2-#12 AWG CONDUCTORS UNLESS NOTED OR OTHERWISE REQUIRED.
- CONDUIT RUN CONCEALED IN WALL OR ABOVE CEILING.
- CONDUIT RUN UNDERGROUND OR CONCEALED IN FLOOR SLAB.
- TELEPHONE CONDUIT
- LOW VOLTAGE CONDUIT AND WIRING

LIGHTING

- BATTERY OPERATED EMERGENCY LIGHT (WALL MOUNTED)
- BATTERY OPERATED EMERGENCY LIGHT (CEILING MOUNTED)
- SURFACE/RECESSED LIGHT FIXTURE
- FLUORESCENT LIGHT FIXTURE
- FLUORESCENT STRIP FIXTURE
- SHADING DENOTES EMERGENCY FIXTURE
- POLE MOUNTED LIGHT FIXTURE
- EXIT LIGHT - DOUBLE FACE - ARROWS AS SHOWN
- EXIT LIGHT - SINGLE FACE - ARROWS AS SHOWN
- LIGHTING SWITCHES-SINGLE POLE, 3-WAY, 4-WAY, KEY, LOW VOLTAGE, PILOT LIGHT
- DIMMER WITH SINGLE POLE SWITCH
- DIMMER WITH THREE WAY SWITCH (WATTAGE NOTED)
- WALL MOUNTED MOTION SENSOR
- CEILING MOUNTED MOTION SENSOR (LETTER DENOTES TYPE)
- SWITCH AND DUPLEX RECEPTACLE
- DENOTES A WALL MOUNTED FIXTURE

WIRING DEVICES

- DUPLEX RECEPTACLE.
- LINE THRU DEVICE INDICATES ABOVE COUNTER
- DUPLEX RECEPTACLE WITH ISOLATED GROUND (SINGLE AND FOURPLEX SIMILAR)
- DUPLEX RECEPTACLE - TOP HALF SWITCHED - BOTTOM HALF TO HAVE POWER AT ALL TIMES
- DUPLEX RECEPTACLE ON EMERGENCY POWER (SINGLE AND FOURPLEX SIMILAR)
- FOURPLEX RECEPTACLE
- SINGLE RECEPTACLE
- CEILING MOUNTED RECEPTACLE
- MULTI-SERVICE FLOOR BOX
- DIVIDED POWER POLE
- FLOOR BOX W/DUPLEX RECEPTACLE
- SPECIAL RECEPTACLE W/NEMA CONFIGURATION AS NOTED
- CLOCK RECEPTACLE
- MULTI-OUTLET ASSEMBLY

COMMUNICATIONS

- TELEPHONE OUTLET
- LINE THRU DEVICE INDICATES ABOVE COUNTER
- DATA OUTLET
- TELEPHONE/DATA OUTLET
- FLOOR BOX WITH COMMUNICATIONS OUTLET
- TELEVISION ANTENNA OUTLET
- TELEPHONE CABINET OR PLYWOOD BOARD

SECURITY

- CLOSED CIRCUIT TV CAMERA
- CARD READER
- DOOR LOCK
- SECURITY MONITOR
- WATCH TOUR
- ELECTRIC DOOR LOCK
- MOTION SENSOR - SECURITY
- MOTION SENSOR (WALL MOUNTED) - SECURITY

PUBLIC ADDRESS

- MICROPHONE OUTLET
- SPEAKER. ('H' DENOTES HORN TYPE)
- SPEAKER VOLUME CONTROL
- SPEAKER CONDUIT AND WIRING
- PUBLIC ADDRESS AMPLIFIER AND CABINET
- BUZZER
- BELL
- INTERCOM OUTLET
- INTERCOM OUTLET - MASTER
- CLOCK SYSTEM RECEPTACLE WITH SINGLE FACE ('D' DENOTES DOUBLE FACE)

POWER DEVICE AND CONTROLS

- THERMOSTAT
- DISCONNECT SWITCH. 30A-3P, NON-FUSED EXCEPT AS NOTED
- MANUAL MOTOR STARTER
- MAGNETIC MOTOR STARTER
- COMBINATION MOTOR STARTER AND DISCONNECT SWITCH
- MOTOR
- PANELBOARD (SEE ONE-LINE)
- DISTRIBUTION PANELBOARD
- CONTACTOR
- AUTOMATIC TRANSFER SWITCH
- PHOTOCELL
- JUNCTION BOX
- PUSHBUTTON
- TRANSFORMER

FIRE ALARM

- MANUAL PULL STATION
- PHOTOELECTRIC DETECTOR ('D' DENOTES IN DUCT) ('B' DENOTES BEAM-TYPE) ('R' DENOTES IN RETURN AIR PLENUM)
- IONIZATION DETECTOR ('D' DENOTES IN DUCT) ('P' DENOTES PLENUM-TYPE)
- INFRARED DETECTOR ('D' DENOTES IN DUCT)
- THERMODOCTOR ('D' DENOTES IN DUCT) FIXED TEMPERATURE AS NOTED
- DOOR HOLDER
- CHIME
- BELL
- FIRE ALARM STROBE LIGHT
- FIRE ALARM SPEAKER - ARROWS DENOTE PROJECTORS IF ANY. ('L' DENOTES COMBINATION SPEAKER AND VISUAL FIRE LIGHT)
- FIRE HORN. ('L' DENOTES COMBINATION HORN AND VISUAL FIRE LIGHT)
- REMOTE ALARM LAMP
- POST INDICATOR SWITCH
- FLOW SWITCH
- GATE SWITCH
- FIREMAN'S PHONE JACK

FIRE PROTECTION

- FIRE PROTECTION PIPING
- FIRE HOSE CABINET
- FIRE DEPARTMENT VALVE
- UPRIGHT SPRINKLER HEAD
- PENDENT SPRINKLER
- RECESSED SPRINKLER
- RECESSED SPRINKLER WITH CLOSURE PLATE
- SIDEWALL SPRINKLER.
- DOUBLE CHECK DETECTOR BACKFLOW PREVENTER
- FIRE PROTECTION SIAMESE CONNECTION
- FIRE PROTECTION SIDEWALK SIAMESE CONNECTION
- POST INDICATOR VALVE

MEDICAL GAS

- VAC MEDICAL VACUUM
- OX OXYGEN
- NO NITROUS OXIDE
- MA MEDICAL COMPRESSED AIR
- N NITROGEN
- OX OXYGEN OUTLET
- V VACUUM OUTLET
- A MEDICAL AIR OUTLET
- NO NITROUS OXIDE OUTLET
- N NITROGEN OUTLET

HVAC

- CWS CHILLED WATER SUPPLY
- CWR CHILLED WATER RETURN
- CHWS CHILLED/HOT WATER SUPPLY
- CHWR CHILLED/HOT WATER RETURN
- HWS HEATING HOT WATER SUPPLY
- HWR HEATING HOT WATER RETURN
- CTS COOLING TOWER SUPPLY
- CTR COOLING TOWER RETURN
- STM LOW PRESSURE STEAM
- RTN LOW PRESSURE CONDENSATE RETURN
- STM-50 HIGH PRESSURE STEAM - NO'S GIVE GAUGE PRESSURE IN P.S.I.
- RTN-50 HIGH PRESSURE RETURN - NO'S GIVE GAUGE PRESSURE IN P.S.I.
- RD REFRIGERANT DISCHARGE
- RL REFRIGERANT LIQUID
- RS REFRIGERANT SUCTION
- FOS FUEL OIL SUPPLY
- FOR FUEL OIL RETURN
- A COMPRESSED AIR
- D DRAIN (CONDENSATE)
- TS THERMOSTAT - ('S' DENOTES SENSOR)
- HS HUMIDISTAT - ('S' DENOTES SENSOR)
- TH THERMOSTAT/HUMIDITY SENSOR
- CO CARBON DIOXIDE SENSOR
- THC THERMOSTAT/HUMIDITY SENSOR/CO2 SENSOR
- HUMIDIFIER
- SUPPLY AIR FLOW INDICATOR
- RETURN AND EXHAUST AIR FLOW INDICATOR
- SUPPLY DIFFUSER
- SUPPLY STRIP DIFFUSER
- RETURN GRILLE OR EXHAUST REGISTER

HOSPITAL

- N NURSE CALL CONDUIT AND WIRING
- M MONITOR CONDUIT AND WIRING
- NMS NURSE CALL MASTER STATION
- N NURSE CALL BEDSIDE STATION - SINGLE PATIENT
- N2 NURSE CALL BEDSIDE STATION - DOUBLE PATIENT
- EP EMERGENCY PUSHBUTTON STATION ('P' DENOTES PULL CORD)
- D DUTY STATION
- S STAFF STATION
- B DOME LIGHT - CEILING MOUNTED ('B' DENOTES WITH BUZZER)
- B DOME LIGHT - WALL MOUNTED ('B' DENOTES WITH BUZZER)
- Z ZONE DOME LIGHT
- B CODE BLUE PUSHBUTTON

PLUMBING

- DOMESTIC COLD WATER
- DOMESTIC HOT WATER
- RECIRCULATING DOMESTIC HOT WATER
- DOMESTIC TEMPERED WATER
- SOFT DOMESTIC COLD WATER
- SOFT DOMESTIC HOT WATER
- SOFT RECIRCULATING HOT WATER
- SOIL OR WASTE ABOVE GRADE OR FLOOR
- SOIL OR WASTE BELOW GRADE OR FLOOR
- STORM ABOVE GRADE OR FLOOR
- STORM BELOW GRADE OR FLOOR
- STORM OVERFLOW ABOVE GRADE OR FLOOR
- STORM OVERFLOW BELOW GRADE OR FLOOR
- PLUMBING VENT
- GAS (NATURAL)
- LIQUIFIED PETROLEUM
- PUMP DISCHARGE
- HOSE BIBB
- WALL HYDRANT
- WALL CLEAN OUT
- CLEAN OUT
- FLOOR CLEAN OUT
- FLOOR DRAIN, AREA DRAIN, FLOOR SINK
- ROOF DRAIN, OVERFLOW ROOF DRAIN
- SHOWER HEAD.
- REDUCED PRESSURE BACKFLOW PREVENTER
- PLUMBING VENT RISER CALL-OUT NUMBER

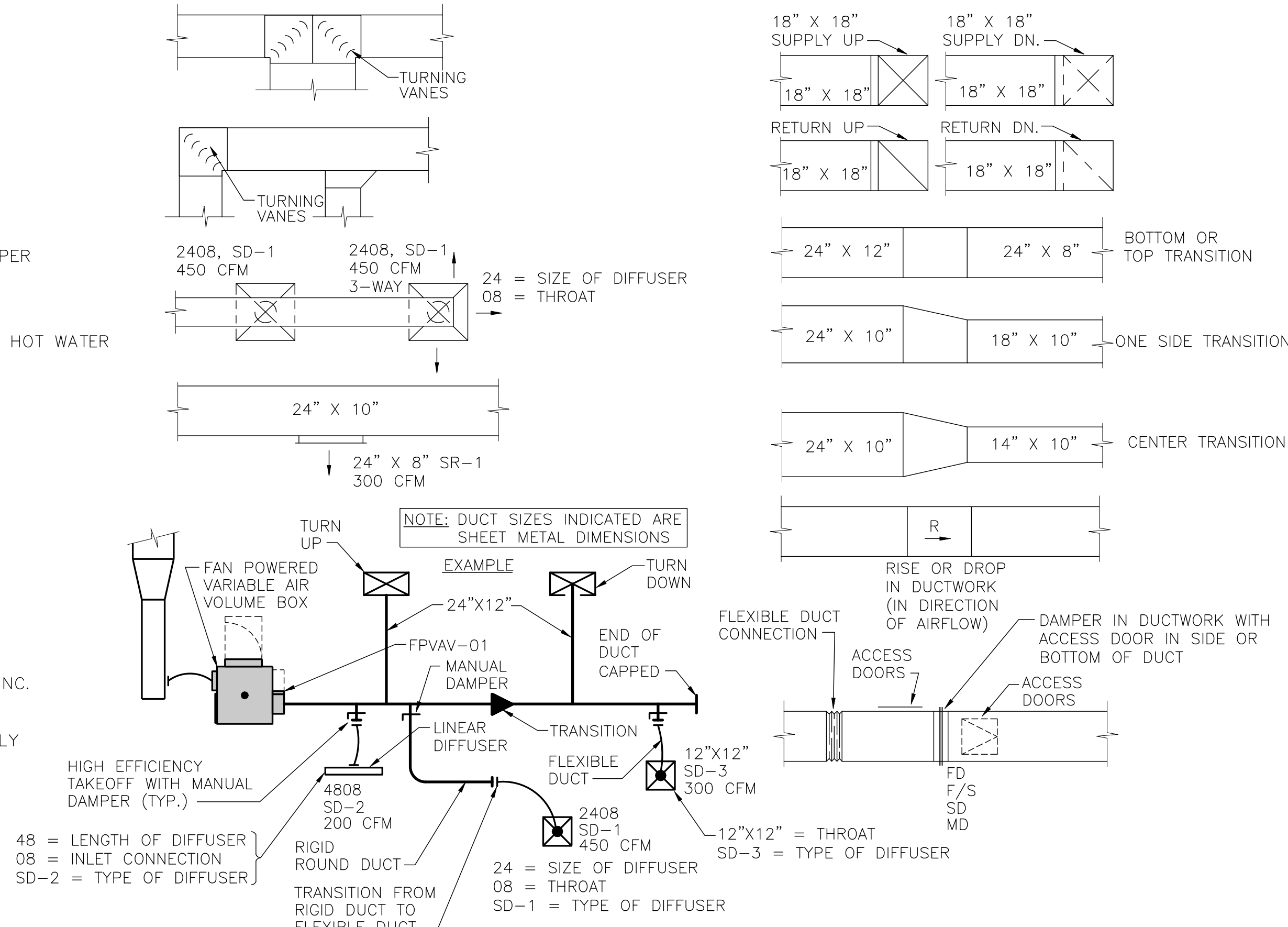
GENERAL

- MECHANICAL NOTE REFERENCE
- ELECTRICAL NOTE REFERENCE
- DEMOLITION NOTE REFERENCE
- REVISION NOTE REFERENCE
- CONNECT TO EXISTING WORK
- DETAIL REFERENCE - NO./SHEET NO.
- SECTION CUT - SECTION/SHEET NO.

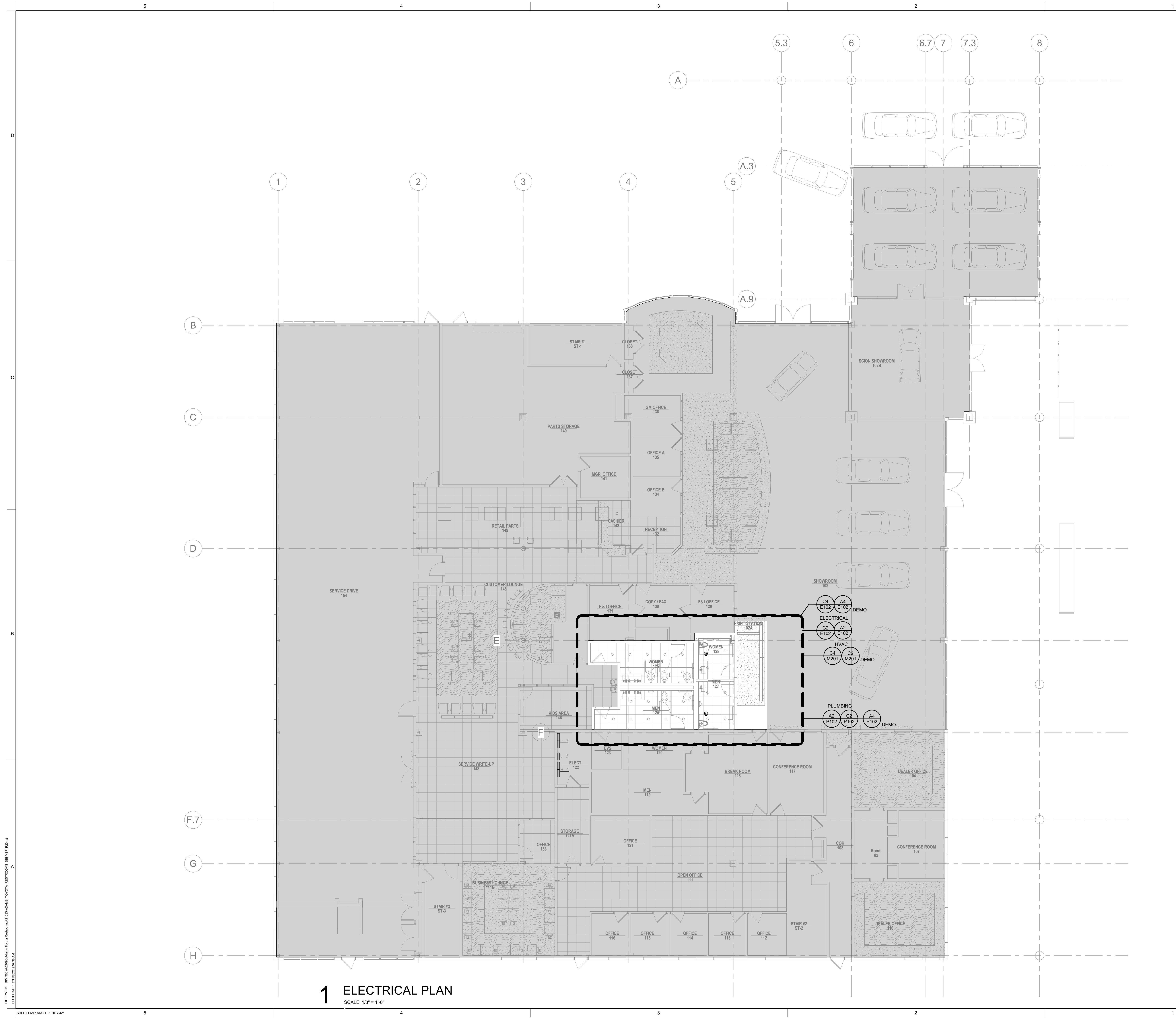
PIPING

- ELBOW DOWN
- ELBOW UP
- TEE UP
- TEE DOWN
- CAP
- UNION
- REDUCER (OR INCREASER)
- PIPE FLEX
- STRAINER
- RISE IN PIPING
- DROP IN PIPING
- GUIDE
- ANCHOR
- PRESSURE GAUGE WITH GAUGE COCK
- TEMPERATURE GAUGE
- FLOW INDICATOR
- THERMOMETER.
- SITE GLASS
- EXPANSION JOINT
- FILTER-DRIER
- DRIP ASSEMBLY
- BASKET STRAINER
- SHUTOFF VALVE
- SHUTOFF VALVE IN RISER
- BALANCING VALVE
- CALIBRATED BALANCING VALVE
- RELIEF VALVE
- TEST PLUG
- TRIPLE DUTY VALVE
- CHECK VALVE.
- AUTOMATIC CONTROL VALVE (2-WAY)
- AUTOMATIC CONTROL VALVE (3-WAY)
- AUTO FLOW CONTROL VALVE
- SOLENOID VALVE
- PRESSURE REDUCING VALVE

DUCTWORK



[illegible]



1 ELECTRICAL PLAN
SCALE 1/8" = 1'-0"



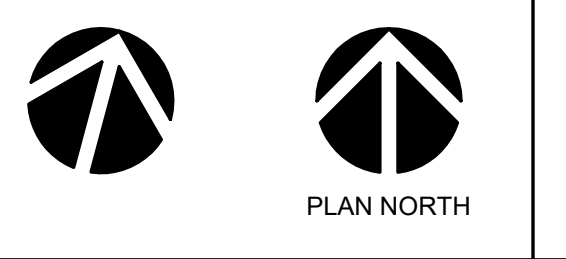
ARCHITECT
YAEGER ARCHITECTURE, INC.
8655 Penrose Lane, Suite 300
Lenexa, KS 66219
Tel: (913) 742-8000
Fax: (913) 742-8570
yaegerarchitecture.com
missouri certificate of authority no: 000270

MEP ENGINEER
Smith & Boucher, Inc.
25618 W. 103rd Street
Olathe, KS 66061
Tel: (913) 345-2127

ADAMS TOYOTA RESTROOMS
501 NE COLBERN ROAD
LEE'S SUMMIT, MO 64086

PROJECT NO:	A21093
DATE:	07/12/2022
DRAWN BY:	SBI
CHECKED BY:	CEA
CHECKED BY:	Designer
REVISED DATE	DESCRIPTION

smith & boucher
engineers
25618 west 103rd St. olathe, ks 66061
phone 913.345.2127 fax 913.345.0817
project number 2221100

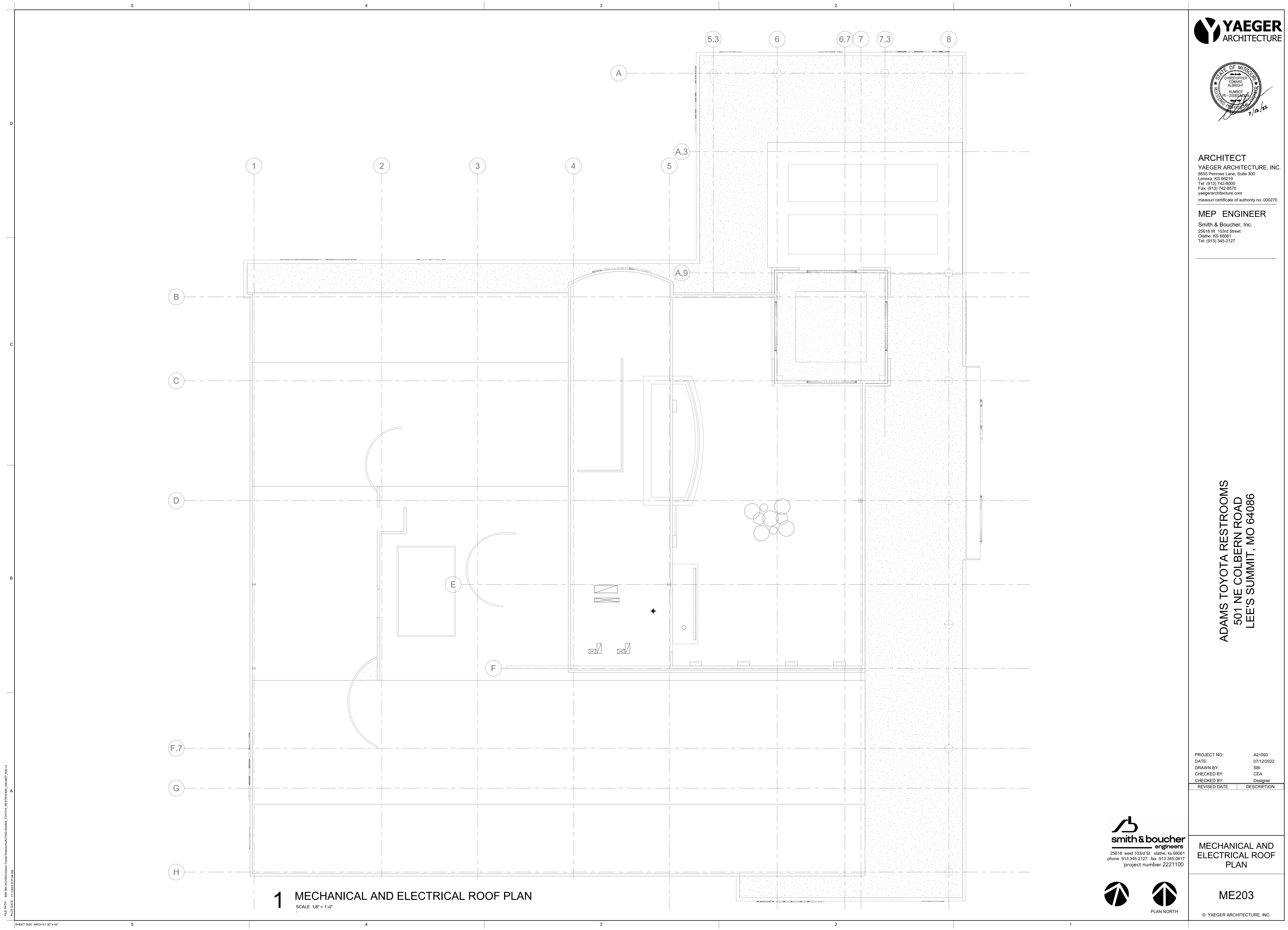


**1ST FLOOR
MECHANICAL &
ELECTRICAL PLAN**

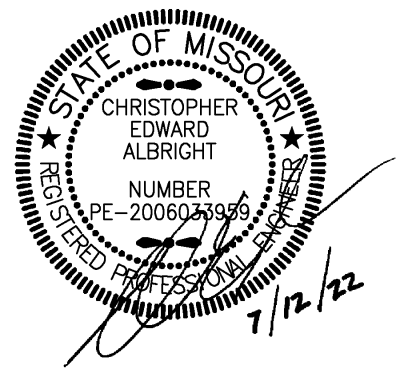
ME202

© YAEGER ARCHITECTURE, INC.

FILE PATH: B:\06\21093-Adams Toyota Restrooms\21093-ADAMS TOYOTA RESTROOMS_SBI.dwg PLOT DATE: 7/12/2022 9:57:36 AM



FILE PATH: B:\06\2020\Adams Toyota Restrooms\2109-ADAMS TOYOTA RESTROOMS-2109.dwg
PLOT DATE: 7/12/2022 9:57:44 AM



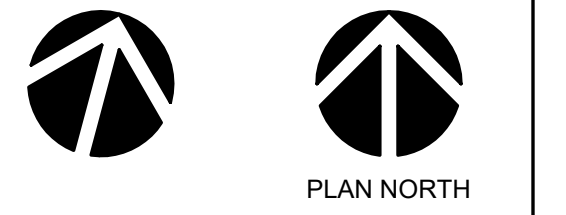
ARCHITECT
YAEGER ARCHITECTURE, INC.
8655 Penrose Lane, Suite 300
Lenexa, KS 66219
Tel: (913) 742-8000
Fax: (913) 742-8570
yaegerarchitecture.com
missouri certificate of authority no: 000270

MEP ENGINEER
Smith & Boucher, Inc.
25618 W. 103rd Street
Olathe, KS 66061
Tel: (913) 345-2127

ADAMS TOYOTA RESTROOMS
501 NE COLBERN ROAD
LEE'S SUMMIT, MO 64086

PROJECT NO:	A21093
DATE:	07/12/2022
DRAWN BY:	SBI
CHECKED BY:	CEA
CHECKED BY:	Designer
REVISED DATE	DESCRIPTION

smith & boucher
engineers
25618 west 103rd St. olathe, ks 66061
phone 913.345.2127 fax 913.345.0817
project number 2221100



MECHANICAL AND ELECTRICAL ROOF PLAN

ME203

© YAEGER ARCHITECTURE, INC.

PROJECT NAME: Adams Toyota - Lees Summit, Mo
LOCATION: \1221\00_ME301.dwg
LAST CORRECTION BY: Friday, June 24, 2022 3:05:25 PM
PLOTTED BY: Monday, July 11, 2022 9:57:27 AM
Charles Booby

PROJECT NAME: Adams Toyota - Lees Summit, Mo
LOCATION: \1221\00_ME301.dwg
LAST CORRECTION BY: Friday, June 24, 2022 3:05:25 PM
PLOTTED BY: Monday, July 11, 2022 9:57:27 AM
Charles Booby

PLUMBING FIXTURE SCHEDULE

MARK	MANUFACTURER/ MODEL	DESCRIPTION	FITTINGS						
			MANUFACTURER/ MODEL	DESCRIPTION	NOTES	CW	HW	SAN	VENT
WC-1	AMERICAN STANARD CADET	ADA WATER CLOSET: RIGHT HEIGHT, WHITE VITREOUS CHINA, FLOOR MOUNTED, FLOOR DISCHARGE, PRESSURE ASSISTED FLUSH TANK, WATER CLOSET WITH CHROME FINISHED HANDLE AND FULLY GLAZED TRAP, 1.6GPF, FURNISH AND INSTALL WITH MATCHING SEAT LESS COVER.	SLOAN ROYAL 111-1.28	ADA COMPLIANT EXPOSED, TOP SPUD, MANUAL, WATER CLOSET FLUSHOMETER WITH METAL NON-HOLD-OPEN OSCILLATING HANDLE AND ADJUSTABLE TAILPIECE, 1.28 GPF	5	1"	---	4"	2"
UR-1	KOHLER BARDON K-4991-ET	ADA COMPLIANT URINAL: WHITE VITREOUS CHINA WALL HUNG URINAL WITH 3/4" TOP SPUD, 0.5 GALLON SIPHON JET FLUSHING ACTION.	SLOAN ROYAL 186-0.5	EXPOSED, MANUAL, 3/4" TOP SPUD, URINAL FLUSHOMETER WITH METAL NON-HOLD-OPEN OSCILLATING HANDLE AND ADJUSTABLE TAILPIECE, 0.5 GPF.	5	3/4"	---	2"	1-1/2"
L-1	WADE	PROVIDE CARRIER AS REQUIRED TO SUIT APPLICATION FOR MOUNTING IN CHASE.		PROVIDE WALL AND SPUD FLANGES.					
	SLOAN AD-82000	ADA COMPLIANT LAVATORY: TWO STATION CORIAN SOLID SURFACE COUNTER TOP, STAND ALONE SINK SYSTEM, RECTANGULAR BASIN WITH OVERFLOW DRAIN, 60"x23-1/2"x20" OVERALL DIMENSIONS, PROVIDE WITH ANGLES STAINLESS STEEL ENCLOSURE, STRAINER AND CHROME PLATED TAIL PIECE.	SLOAN EFX-250 ESD-500 EHD-510 LEONARD LF-170	LAVATORY FACUET: ADA COMPLIANT, BATTERY POWERED, CENTER SET, POLISHED FINISH, FAUCET, 0.5 GPM. LAVATORY SOAP DISPENSER: BATTERY POWERED, CENTER SET, POLISHED CHROME FINISH. LAVATORY DRYER: BATTERY POWERED, CENTER SET, POLISHED CHROME FINISH ASSE 1070 COMPLIANT POINT OF USE MIXING VALVE. INSTALL ABOVE CEILING.	1,2,3,4, 5,6,7	1/2"	1/2"	1-1/2"	1-1/2"
L-2	KOHLER	ADA COMPLIANT LAVATORY: WHITE, VITREOUS CHINA, UNDERMOUNT, RECTANGULAR BASIN WITH OVERFLOW DRAIN, 19-13/16"x15-5/8"x6-3/4" OVERALL DIMENSIONS, PROVIDE WITH STRAINER AND CHROME PLATED TAIL PIECE.	SLOAN EFX-250 ESD-500 LEONARD LF-170	LAVATORY FACUET: ADA COMPLIANT, BATTERY POWERED, CENTER SET, POLISHED FINISH, FAUCET, 0.5 GPM. LAVATORY SOAP DISPENSER: BATTERY POWERED, CENTER SET, POLISHED CHROME FINISH. ASSE 1070 COMPLIANT POINT OF USE MIXING VALVE. INSTALL ABOVE CEILING.	1,2,3,4,	1/2"	1/2"	1-1/2"	1-1/2"

- NOTES:
- 1: PROVIDE CHROME PLATED BRASS TAILPIECE AND GRID DRAIN.
 - 2: PROVIDE CHROME PLATED BRASS P-TRAP.
 - 3: PROVIDE LOOSE KEY STOPS AND FLEXIBLE RISERS.
 - 4: INSULATE EXPOSED TAILPIECE, P-TRAP, AND WATER RISERS PER ADA REQUIREMENTS. REFER TO SPECIFICATIONS FOR INSULATION METHODS.
 - 5: PROVIDE CAULK AROUND FIXTURE CONNECTION TO FLOOR/WALL. COLOR BY ARCHITECT.
 - 6: QUANTITY OF FAUCET HOLES SHALL MATCH FAUCET TYPE.
 - 7: PROVIDE CONCEALED ARM TYPE CARRIER WITH SQUARE TUBULAR STEEL UP-RIGHTS AND BLOCK TYPE BASES.

PIPE INSULATION SCHEDULE - PLUMBING

SERVICE	PIPE SIZE	INSULATION
DOMESTIC COLD WATER	1/2" - 2"	1/2" FIBERGLASS, ASJ OR 1/2" FLEXIBLE CLOSED CELL ELASTOMERIC
	2-1/2" AND LARGER	1" FIBERGLASS, ASJ OR 1" FLEXIBLE CLOSED CELL ELASTOMERIC
DOMESTIC HOT WATER		
RECIRCULATING HOT WATER	ALL	1" FIBERGLASS, ASJ, OR 1" FLEXIBLE CLOSED CELL ELASTOMERIC
TEMPERED WATER		
EXPOSED FIXTURE WASTETRAPS AND DOMESTIC HOT WATER AT HANDICAPPED ACCESSIBLE SINKS AND LAVATORIES	ALL	TRUBRO LAV AGUARD MOLDED PROTECTIVE PIPE COVER OVER 1/2" FIBERGLASS INSULATION

- NOTES:
- 1: FOR ALL PIPING 2-1/2" AND LARGER, PROVIDE RIGID FOAM INSERTS AT ALL HANGERS AND SUPPORT LOCATIONS.

DRAIN SCHEDULE

MARK	MANUFACTURER	MODEL	DESCRIPTION
FD-1	WADE	1100-TSD-A6	CAST IRON DRAIN WITH ADJUSTABLE TOP AND 6" NICKEL BRASS STRAINER WITH VANDAL RESISTANT SCREWS. PROVIDE WITH GREEN DRAIN TRAP GUARD OR EQUAL.

- NOTES:
- 1: REFER TO PLANS FOR OUTLET SIZES.

PLUMBING FIXTURE CONN. SCHEDULE

FIXTURE	DESIG.	CW	HW	WASTE	VENT
LAVATORY	L-1	1/2"	1/2"	1-1/2"	1-1/2"
FLUSH VALVE WATER CLOSET	WC-1	1-1/4"	---	4"	2"
URINAL	UR-1	1"	---	2"	1-1/2"
SINK	S-1	1/2"	1/2"	1-1/2"	1-1/2"
JANITOR SINK	JS-1	1/2"	1/2"	3"	1-1/2"
ELECTRIC DRINKING FOUNTAIN	EDF-1	1/2"	---	1-1/2"	1-1/4"

- NOTES:
- 1: PIPE SIZES ARE MINIMUM, REFER TO RISER DIAGRAM.

FAN SCHEDULE

DESIGNATION		EF-1
FAN TYPE		EXHAUST
SERVICE		RESTROOM
MANUFACTURER		BROAN - NUTONE
MODEL		HB80RL
UNIT DATA	CFM	80
	STATIC PRESSURE	0.1
	FAN DIAMETER	—
	FAN RPM	—
	BRAKE HORSEPOWER	—
	MOTOR HORSEPOWER	—
VOLTAGE/PHASE		120V / 1PH
DRIVE		—
ELECTRICAL/CONTROL DATA	PANEL & CIRCUIT	L-2-80
	WIRE & CONDUIT	(2) #12, (1) #12, IN 3/4" C.
	OVERCURRENT DEVICE	20A/1P
	DISCONNECT	—
	STARTER	—
	COMBINATION STARTER	—
	CONTROL	—
	DAMPER TYPE	—
DAMPER VOLTAGE		/
REFERENCE DRAWING/DETAIL		—
REMARKS		1,2

- NOTES:
- 1: EXHAUST FAN WILL BE PROVIDED BY OWNER.
 - 2: CONNECT FAN INTO LIGHTING CIRCUIT.

LIGHT FIXTURE SCHEDULE

TYPE	DESCRIPTION	MOUNTING	LAMP	VOLTS	MANUFACTURER	V-A
A	2" ROUND RECESSED DOWN LIGHT, MATTE DIFFUSE LENS, CLEAR SEMI-SPECULAR FINISH, MEDIUM DISTRIBUTION, TRM LOCK RETENTION SYSTEM. FLANGE TYPE AS REQUIRED FOR CEILING, MOUNTING HARDWARE WITH INTEGRAL 0-10V 10% DIMMABLE DRIVER, RATED FOR WET LOCATIONS (X) = PROVIDE WITH INTEGRAL EMERGENCY BATTERY PACK.	RECESSED	500 LUMENS 3000K LED	UNV	GOTHAM - EVO 2 OR APPROVED EQUAL.	18
B	24" DECORATIVE LINEAR VANITY FIXTURE WITH METAL HOUSING AND FROSTED ACRYLLIC LENS, IN POLISHED CHROME, RATED FOR DAMP LOCATIONS.	SURFACE	1500 LUMENS 3000K LED	120	AFX - BARLOW BARV OR APPROVED EQUAL.	22

PANEL L-2 (SECTION 1) (EXISTING)

MAIN BUS AMPS: 225 A
MAIN BREAKER: 200 A
VOLTAGE: 208Y/120 V
PHASES/WIRES: 3 PH / 4 W

AIC: 10,000 A
SECTIONS: ALL SPACE
MOUNTING: RECESSED
ENCLOSURE TYPE: NEMA 1

EQUIPMENT GROUND BUS

CIRCUIT DESCRIPTION	POLES	AMPS	CKT NO	CKT NO	AMPS	POLES	CIRCUIT DESCRIPTION
ENTRY	1	20	1	2	20	1	ASM
SALES TOWER	1	20	3	4	20	1	EF #11
SALES TOWER	1	20	5	6	20	1	EF #10
GM OFFICE	1	20	7	8	20	1	SWITCHBOARD
OFFICE AB	1	20	9	10	20	1	LOUNGE
CASHER	1	20	11	12	20	1	VENDING
COPIER	1	20	13	14	20	1	VENDING
EF #17	1	20	15	16	20	1	VENDING
GEN. OFFICE	1	20	17	18	20	1	RESTRM / COPY
DISPOSAL	1	20	19	20	20	1	EF #16
REFRIG	1	20	21	22	20	1	COPIER
BRK ROOM	1	20	23	24	20	1	COPY / STORAGE
BRK ROOM	1	20	25	26	20	1	COPY / OFFICE
CONFERENCE	1	20	27	28	20	1	RENTAL
DEALER / CONF	1	20	29	30	20	1	CUST. CONFR.
DEALER / CONF	1	20	31	32	20	1	CLERK / SERVICE
REFRIG	1	20	33	34	20	1	LOUNGE
SF #1	1	20	35	36	20	1	ASM OFFICE
DEALER #110	1	20	37	38	20	1	P FAN SALES
GEN. OFFICE	1	20	39	40	20	1	LTG 104
GEN. OFFICE	1	20	41	42	20	1	LTG 110

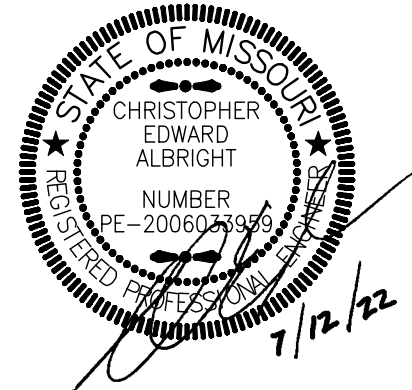
PANEL L-2 (SECTION 2) (EXISTING)

MAIN BUS AMPS: 225 A
MAIN BREAKER: 200 A
VOLTAGE: 208Y/120 V
PHASES/WIRES: 3 PH / 4 W

AIC: 10,000 A
SECTIONS: ALL SPACE
MOUNTING: RECESSED
ENCLOSURE TYPE: NEMA 1

EQUIPMENT GROUND BUS

CIRCUIT DESCRIPTION	POLES	AMPS	CKT NO	CKT NO	AMPS	POLES	CIRCUIT DESCRIPTION
RSTRM / BRK	1	20	43	44	20	1	RECP. SALES
EF #1	1	20	45	46	20	1	OH DOOR
OH DOOR	1	20	47	48	20	1	OH DOOR
OH DOOR	1	20	49	50	20	1	FACP
OH DOOR	1	20	51	52	20	1	COMPUTER
P FAN ASM	1	20	53	54	20	1	COMPUTER
LTG 117	1	20	55	56	20	1	COMPUTER
NORTH SIGN	1	20	57	58	20	1	COMPUTER
NORTH SIGN	1	20	59	60	20	1	ASM SIGNAGE
NORTH SIGN	1	20	61	62	20	1	ASM SIGNAGE
NORTH SIGN	1	20	63	64	20	1	SOUTH SIGN
NORTH SIGN	1	20	65	66	20	1	SOUTH SIGN
PRKG LOT	1	20	67	68	20	1	RECEP. RTU
PRKG SIGN	1	20	69	70	20	1	EF #18
PRKG SIGN	1	20	71	72	25	2	CU-1
PRKG SIGN	1	20	73	74			
PRKG SIGN	1	20	75	76	20	1	ASM RECEP.
SPARE	1	20	77	78	20	1	ASM RECEP.
PARKING	1	20	79	80	20	1	RESTROOM LTG / EF
PARKING	1	20	81	82	20	1	SPARE
SALES TOWER	1	20	83	84	20	1	SPARE



ARCHITECT

YAEGER ARCHITECTURE, INC.
8655 Penrose Lane, Suite 300
Lenexa, KS 66219
Tel: (913) 742-8000
Fax: (913) 742-8870
yaegerarchitecture.com
Missouri certificate of authority no: 000270

MEP ENGINEER

Smith & Boucher, Inc.
25618 W. 103rd Street
Olathe, KS 66061
Tel: (913) 345-2127

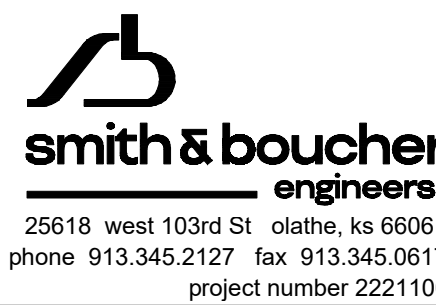
ADAMS TOYOTA RESTROOMS
501 NE COLBERN ROAD
LEE'S SUMMIT, MO 64086

PROJECT NO: A21093
DATE: 07/12/2022
DRAWN BY: SBI
CHECKED BY: CEA
CHECKED BY:

REVISED DATE	DESCRIPTION
--------------	-------------

MECHANICAL AND ELECTRICAL SCHEDULES

ME301

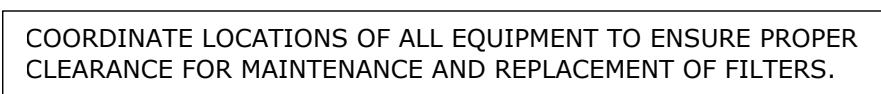


25618 west 103rd St. Olathe, KS 66061
phone 913.345.2127 fax 913.345.0617
project number 2221100

© YAEGER ARCHITECTURE, INC.



NOT TO SCALE



NOT TO SCALE



NOTES

1. FOR GENERAL MOUNTING REFERENCE ONLY, REFER TO PLANS FOR ALL DEVICE LOCATIONS AND QUANTITIES.
2. UNLESS NOTED OTHERWISE, DEVICE LOCATIONS SHOWN NEXT TO ONE ANOTHER ON PLAN (OR SAME LOCATION ON DIFFERENT SHEETS) TO BE MOUNTED SUCH THAT THE FINISHED FACE PLATES ARE 2" APART. PROVIDE SPANNER BRACKET BETWEEN WALL STUDS FOR BACK BOX MOUNTING AS NEEDED.



- MOUNT SO THAT ENTIRE LENS OF DEVICE IS NOT LESS THAN 80" AFF.

PULL STATIONS (FIRE ALARM ACTIVATION DEVICE)

- HIGHEST OPERABLE PART SHALL NOT BE MORE THAN 48" ABOVE THE FLOOR (FRONT APPROACH) ADA 2010. OPERABLE PART (T-HANDLE) SHALL BE NOT LESS THAN 42" AFF (NFPA).

WALL MOUNTED OPERABLE DEVICES

- WALL MOUNTED OPERABLE DEVICES INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING:
 - THERMOSTATS.
 - LIGHTING SWITCHES/DIMMERS/CONTROLS
 - INTERCOM-STAFF STATIONS (MASTER STATIONS @ 18" AFF)
 - PUSH BUTTONS
 - OTHER CONTROL OR "CALL" DEVICES

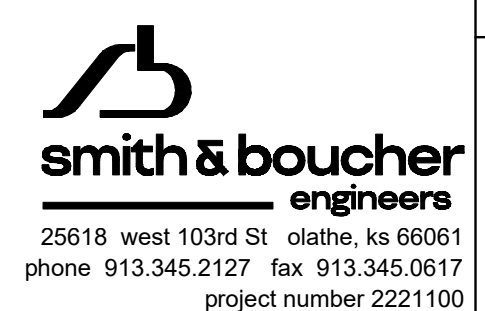
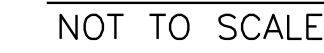
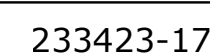
ABOVE COUNTER DEVICES

- ABOVE COUNTER DEVICES SHALL BE LOCATED 2" ABOVE THE BACKSPLASH OF COUNTER TO THE BOTTOM OF DEVICES (PLAN DESIGNATION). VERIFY W/ ARCHITECTURAL DETAILS PRIOR TO WORK BEGINNING.

LIGHT FIXTURES

- REFER TO LIGHT FIXTURE SCHEDULE AND ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHTS.

NO SCALE



ME401

YAEGER ARCHITECTURE, INC.



MEP ENGINEER

Smith & Boucher, Inc.

25618 W. 103rd Street
Olathe, KS 66061
Tel: (913) 345-2127

ADAMS TOYOTA RESTROOMS
501 NE COLBERN ROAD
LEE'S SUMMIT, MO 64086

PROJECT NO:	A21093
DATE:	07/12/2022
DRAWN BY:	SBI
CHECKED BY:	CEA
CHECKED BY:	
REVISED DATE	DESCRIPTION

MECHANICAL AND ELECTRICAL DETAILS

ME401

YAEGER ARCHITECTURE, INC.

Adams Toyota - Lees Summit, Mo
 X:\22\22211\Drawings\01-2221100_ME401.dwg
 Thursday, June 23, 2022 11:49:58 AM
 CBooty
 Charles Booty
 Monday, July 11, 2022 9:57:36 AM

PROJECT NAME:
AUTOCAD FILE LOCATION \ NAME:
LAST CORRECTION BY ♦ DATE ♦ TIME:
PLOTTED BY ♦ DATE ♦ TIME:

MEP ENGINEER

Smith & Boucher, Inc.
25618 W. 103rd Street
Olathe, KS 66061
Tel: (913) 345-2127

1. INFORMATION SHOWN ON THE DRAWINGS IS INTENDED TO CONVEY SCOPE AND IS ARRANGED FOR DRAWING CLARITY. IT IS NOT TO BE TAKEN AS AN AS-BUILT CONDITION. THE SYSTEM INSTALLATION SHALL BE COORDINATED WITH ALL OTHER TRADES AND ALL OTHER TRADES TO PROVIDE FOR A COMPLETE AND WORKING SYSTEM.
2. ALL DUCTWORK IS SHOWN DIAGRAMMATICALLY AND DOES NOT INCLUDE ALL OFFSETS, DROPS, AND RISES. CAREFULLY COORDINATE DUCT AND PIPE ROUTING WITH STRUCTURE AS WELL AS ALL OTHER TRADES TO MAINTAIN EQUIPMENT CLEARANCES, EQUIPMENT ACCESSIBILITY, DESIGN LINE, CEILINGS, WALLS, ETC. THE CONTRACTOR SHALL ANTICIPATE ANY NEEDED OFFSETS AND CHANGES OF DIRECTION IN THE BID PRICING.
3. COORDINATE ALL DUCT PENETRATIONS WITH STRUCTURAL PRIOR TO CUTTING FLOORS OR BEARING WALLS.
4. WALL MOUNTED DEVICES SUCH AS THERMOSTATS, TEMPERATURE SENSORS, HUMIDITY SENSORS, AND PRESSURE SENSORS ARE SHOWN ON PLANS FOR CLARITY AND GENERAL REFERENCE OF LOCATIONS. LOCATIONS SHOWN ARE NOT TO BE CONSIDERED THE EXACT MOUNTING LOCATION. COORDINATE THE INSTALLATION OF ALL WALL MOUNTED DEVICES WITH THE ARCHITECTURAL ELEVATIONS AND OTHER TRADES. COORDINATE THE DEVICES WITH THE INSTALLATION OF ALL OTHER DEVICES TO THE EXTENT POSSIBLE AND LOCATED DEVICES SUCH THAT THEY DO NOT CONFLICT WITH MILL WORK, TELEVISIONS, FURNITURE, TEACHING BOARDS, AND OTHER SIMILAR OBSTRUCTIONS.
5. PROVIDE FIRESTOPPING AT PENETRATIONS OF ALL RATED WALLS. REFER TO CODE PLANS FOR LOCATIONS OF RATED WALLS.
6. FURNISH ALL EXPOSED DUCTWORK IN FINISHED SPACES WITH PAINTABLE FINISH. PROVIDE A TRIM FLANGE AT WALL PENETRATIONS OF EXPOSED DUCTWORK, FINISH BY ARCHITECT.
7. DUCT SIZES SHOWN ARE SHEET METAL DIMENSIONS. WHERE DUCT LINER IS REQUIRED, DUCT SIZES ARE NOT REQUIRED TO BE INCREASED TO ACCOUNT FOR LINER.
8. ALL SERVICES SHOWN WITH HALF TONE LINE WEIGHT ARE EXISTING.
9. RETURN GRILLES ARE 22"x22" RG-1 UNLESS NOTED OTHERWISE.

- ① REMOVE EXISTING DIFFUSER/GRILLE IN ITS ENTIRETY BACK TO SOURCE OR NEAREST DEVICE SCHEDULED TO REMAIN.
- ② EXISTING DIFFUSER TO BE RELOCATED UNDER NEW WORK.

- ① PROVIDE CEILING MOUNTED RESTROOM EXHAUST FAN IN APPROXIMATE LOCATION SHOWN. ROUTE COMBINED EXHAUST DUCT UP THROUGH ROOF. COORDINATE FINAL ROOF PENETRATION LOCATION WITH EXISTING CONDITIONS. EXHAUST DUCT PENETRATION SHALL NOT BE LOCATED WITHIN 10 FEET OF ANY AIR INTAKE VENT.
- ② RELOCATE EXISTING DIFFUSER RETAINED DURING DEMOLITION TO LOCATION SHOWN. PROVIDE NEW FLEX DUCT FOR RECONNECTION TO EXISTING SYSTEM.

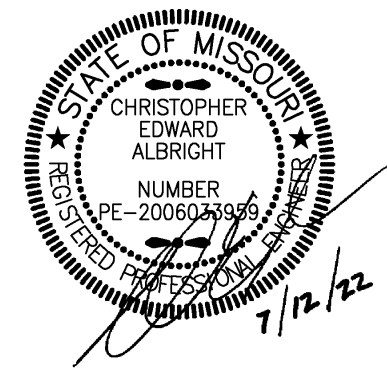



PLAN NORTH

1ST FLOOR HVAC
PLAN

M201

© YAEGER ARCHITECTURE, INC.



ARCHITECT
YAEGER ARCHITECTURE, INC.
8655 Penrose Lane, Suite 300
Lenexa, KS 66219
Tel: (913) 742-8000
Fax: (913) 742-8570
yaegerarchitecture.com
missouri certificate of authority no: 000270

MEP ENGINEER
Smith & Boucher, Inc.
25618 W. 103rd Street
Olathe, KS 66061
Tel: (913) 345-2127

GENERAL NOTES:

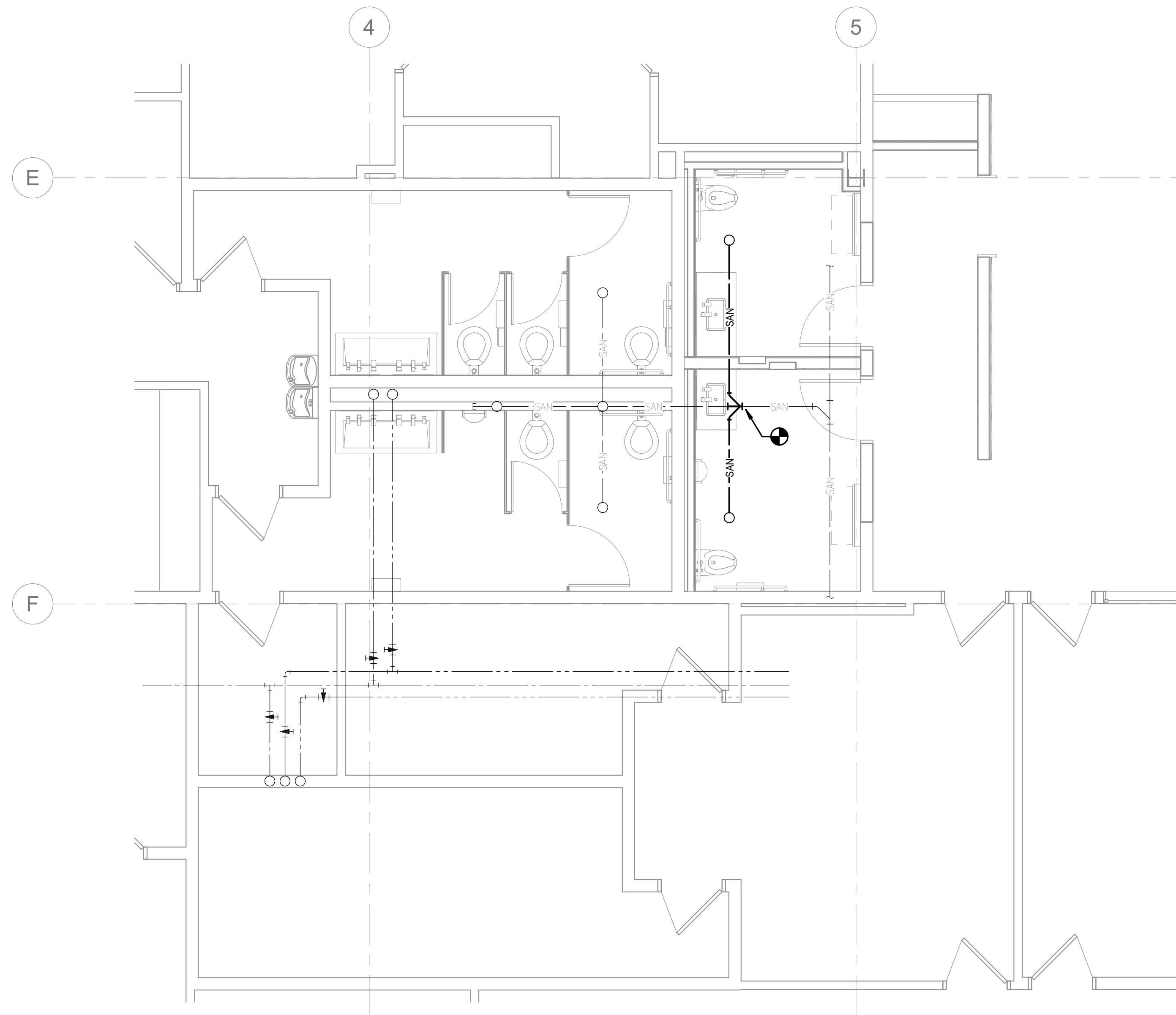
1. INFORMATION SHOWN ON THE DRAWINGS IS INTENDED TO CONVEY SCOPE AND IS ARRANGED FOR DRAWING CLARITY. IT IS NOT TO BE TAKEN AS AN AS-BUILT CONDITION. THE SYSTEM INSTALLATION SHALL BE COORDINATED WITH STRUCTURE, CEILINGS, WALLS, AND ALL OTHER TRADES TO PROVIDE FOR A COMPLETE AND WORKING SYSTEM.
2. CAREFULLY COORDINATE PIPE ROUTING WITH NEW AND EXISTING STRUCTURE AS WELL AS ALL OTHER TRADES TO MAINTAIN EQUIPMENT CLEARANCES AND DESIRED CEILING HEIGHTS.
3. COORDINATE ALL PIPING PENETRATIONS WITH STRUCTURAL PRIOR TO CORE DRILLING.
4. WASTE PIPING SHALL BE SLOPED AT 1/8" PER FOOT FOR 3" AND LARGER PIPING AND 1/4" PER FOOT FOR 2" AND SMALLER PIPING.
5. STORM PIPING SHALL BE SLOPED AT 1/8" PER FOOT.
6. PROVIDE WASTE AND STORM CLEANOUTS AS REQUIRED PER CODE AND SPECIFICATIONS. MORE CLEANOUTS MAY BE REQUIRED THAN AS SHOWN ON PLANS.
7. PROVIDE SHUT OFF VALVES ABOVE ACCESSIBLE CEILING OR OTHER ACCESSIBLE LOCATION FOR ALL BRANCH PIPING AND INDIVIDUAL CONNECTIONS TO PLUMBING FIXTURES. WHERE STOPS ARE PROVIDED FOR INDIVIDUAL FIXTURES SHUT OFF VALVES ARE ALSO REQUIRED AT THE BRANCH CONNECTION. PLUMBING STOPS ARE NOT CONSIDERED A SUBSTITUTE FOR SHUT OFF VALVES.
8. AVOID ROUTING ANY PIPING THROUGH IT ROOMS OR ELECTRIC ROOMS. IN THE EVENT IT IS ABSOLUTELY NECESSARY, COORDINATE THE EXACT LOCATION SUCH THAT IT IS NOT DIRECTLY ABOVE ANY PANELS OR EQUIPMENT.
9. PROVIDE FIRESTOPPING AT PENETRATIONS OF ALL RATED WALLS. REFER TO CODE PLANS FOR LOCATIONS OF RATED WALLS.
10. ALL HOT WATER RECIRC BALANCE DEVICES SHALL BE 1 GPM CIRCUIT SETTERS UNLESS OTHERWISE NOTED.
11. PROVIDE WATER HAMMER ARRESTORS PER THE REQUIREMENTS OF THE SPECIFICATIONS AND PD1-WH201 FOR ALL FAST ACTING VALVES (FLUSH VALVES, SOLENOID FAUCETS, ETC)
12. ALL SERVICES SHOWN WITH HALF TONE LINE WEIGHT ARE EXISTING.
13. HATCHED AREAS DENOTE APPROXIMATE EXTENT OF SAW CUTTING FLOORS. EXACT NEEDS SHALL BE FIELD VERIFIED. PATCH SLAB AND RESTORE FINISH AT ALL LOCATIONS.

DEMOLITION PLAN NOTES:

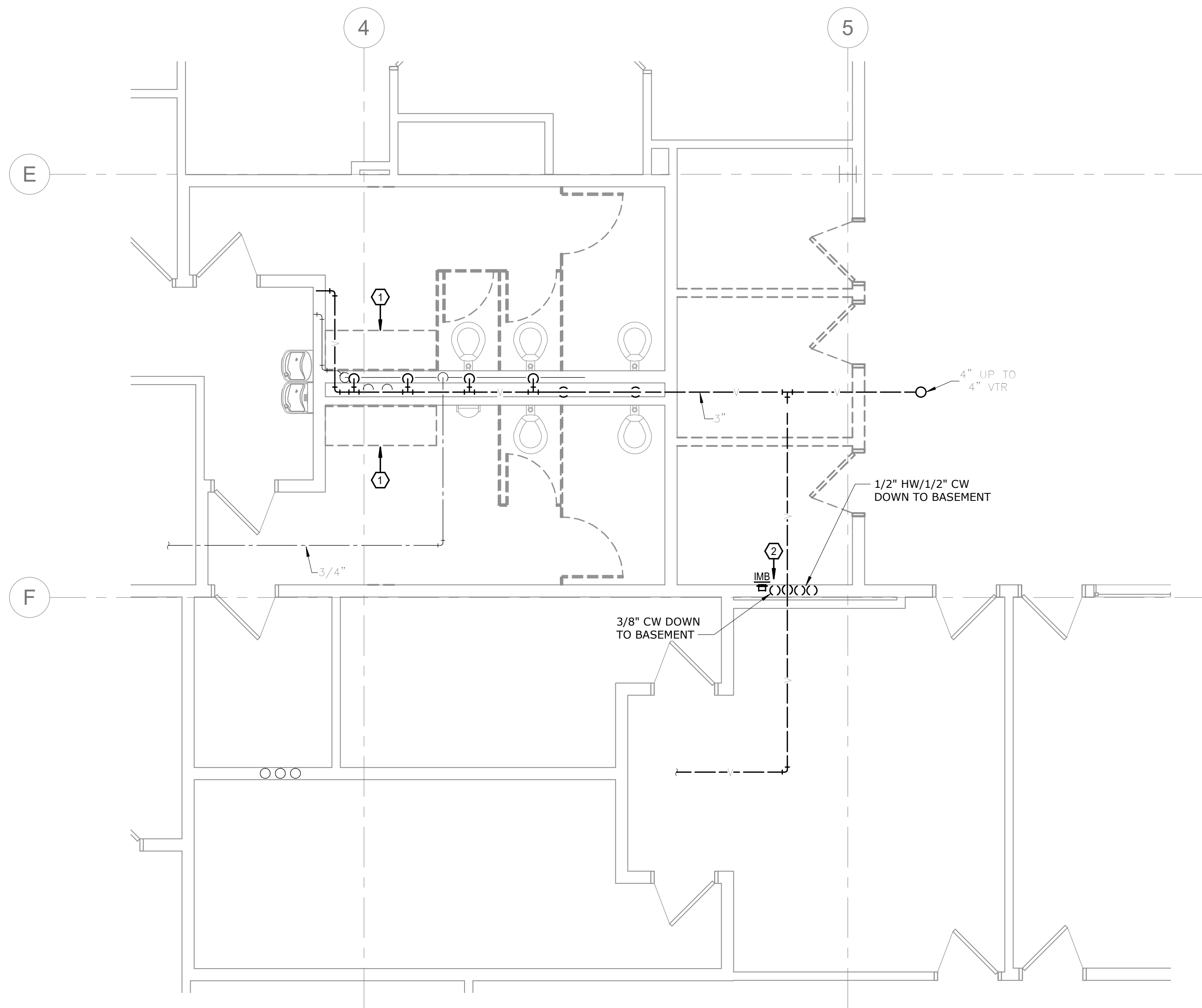
- 1 REMOVE EXISTING PLUMBING FIXTURE IN ITS ENTIRETY. RETAIN EXISTING PIPING CONNECTIONS FOR RECONNECTION UNDER NEW WORK.
- 2 REMOVE EXISTING PLUMBING FIXTURE IN ITS ENTIRETY INCLUDING ALL PIPING AND SUPPORTS BACK TO SOURCE OR NEAREST DEVICE SCHEDULED TO REMAIN.

NEW WORK PLAN NOTES:

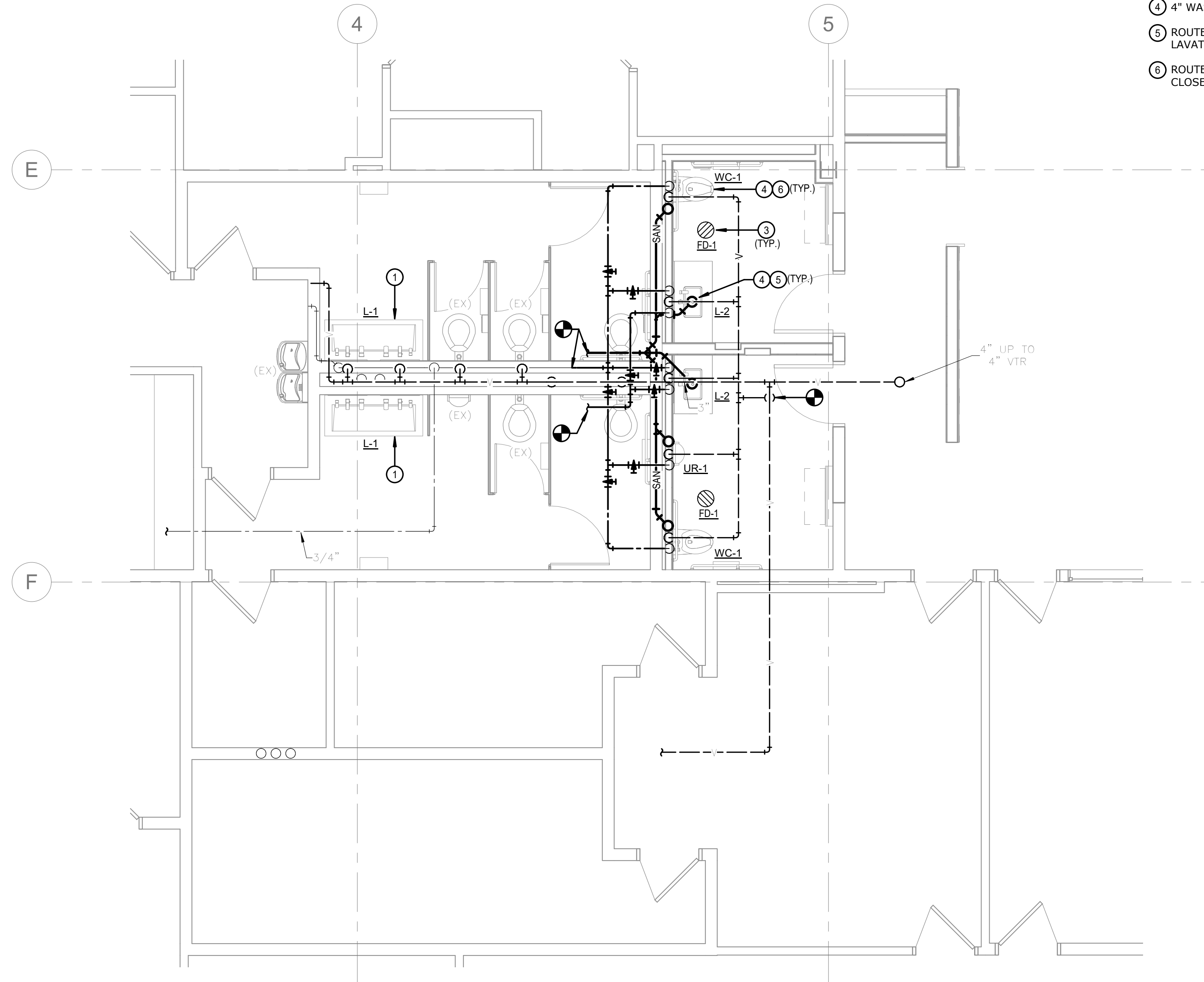
- 1 PROVIDE PLUMBING FIXTURE IN APPROXIMATE LOCATION SHOWN. RECONNECT TO EXISTING PIPING RETAINED DURING DEMOLITION. MODIFY/EXTEND EXISTING PIPING AS NECESSARY FOR A COMPLETE INSTALLATION.
- 2 2" WASTE UP TO LAV.
- 3 2" WASTE UP TO FLOOR DRAIN.
- 4 4" WASTE UP TO WATER CLOSET.
- 5 ROUTE 1/2" CW, 1/2" HW, AND 1-1/2" VENT DOWN TO LAVATORY/SINK.
- 6 ROUTE 1-1/2" CW AND 2" VENT DOWN TO WATER CLOSET.



C2 ENLARGED UNDERSLAB PLUMBING - RESTROOM
SCALE 1/4" = 1'-0"

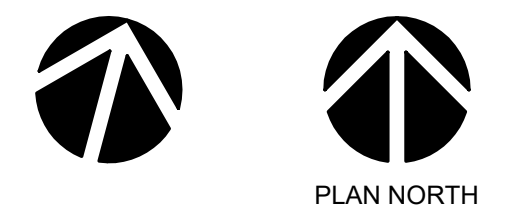


A4 DEMOLITION ENLARGED PLUMBING - RESTROOM
SCALE 1/4" = 1'-0"



A2 ENLARGED PLUMBING - RESTROOM
SCALE 1/4" = 1'-0"

smith & boucher
engineers
25618 west 103rd St. olathe, ks 66061
phone 913.345.2127 fax 913.345.0817
project number 2221100



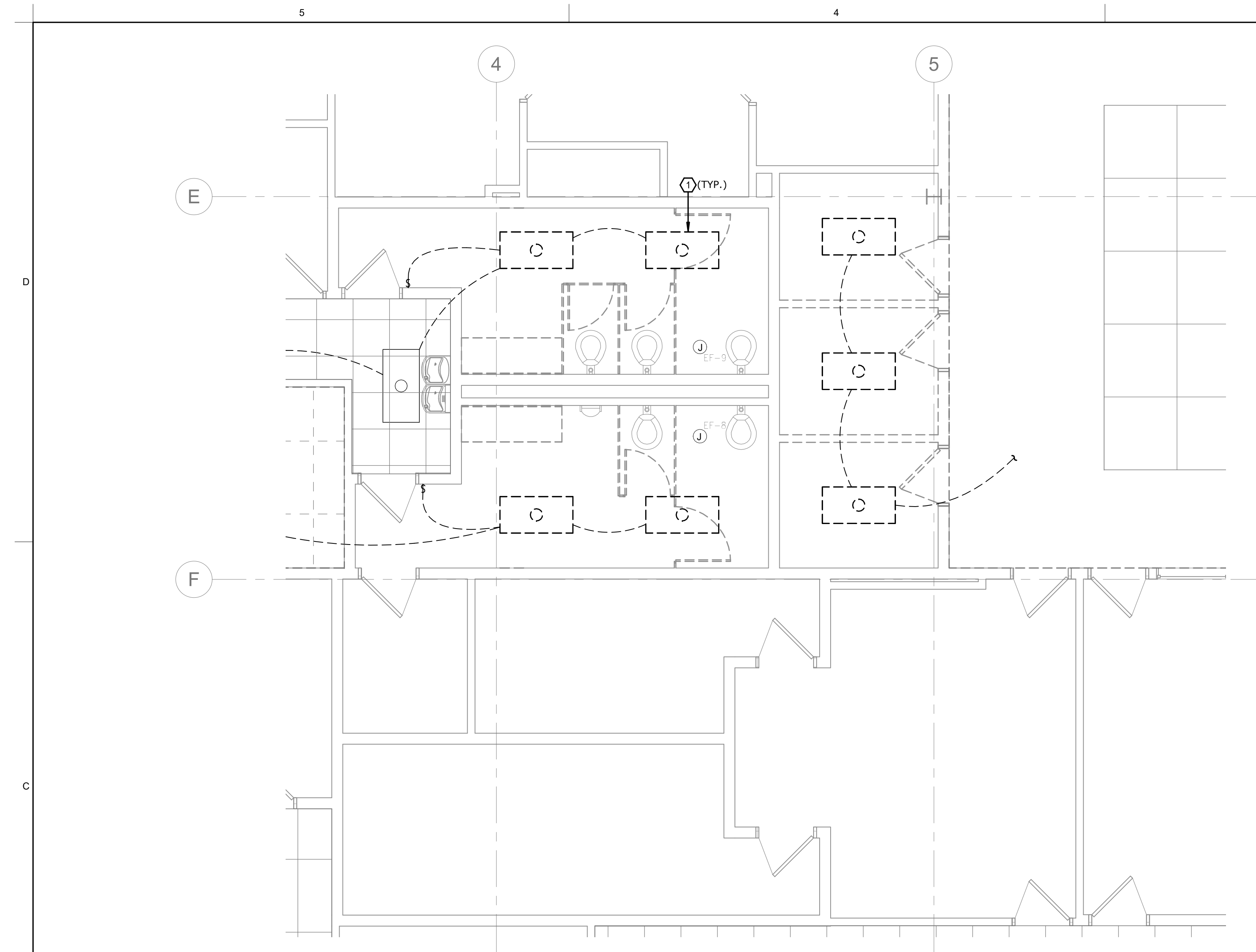
ADAMS TOYOTA RESTROOMS
501 NE COLBERN ROAD
LEE'S SUMMIT, MO 64086

PROJECT NO:	A21093
DATE:	07/12/2022
DRAWN BY:	SBI
CHECKED BY:	CEA
CHECKED BY:	Designer
REVISED DATE	DESCRIPTION

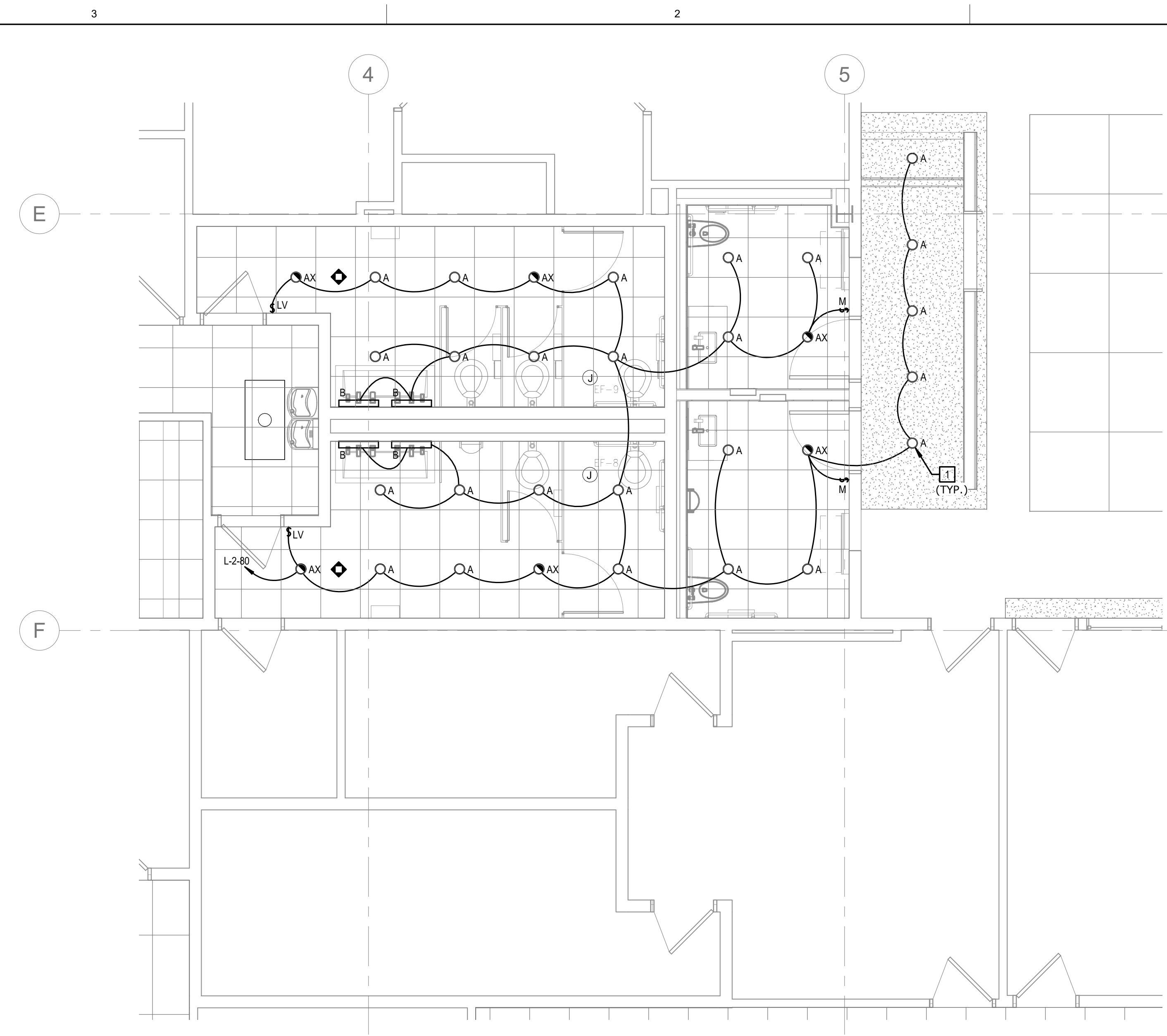
ENLARGED PLUMBING PLAN

P102

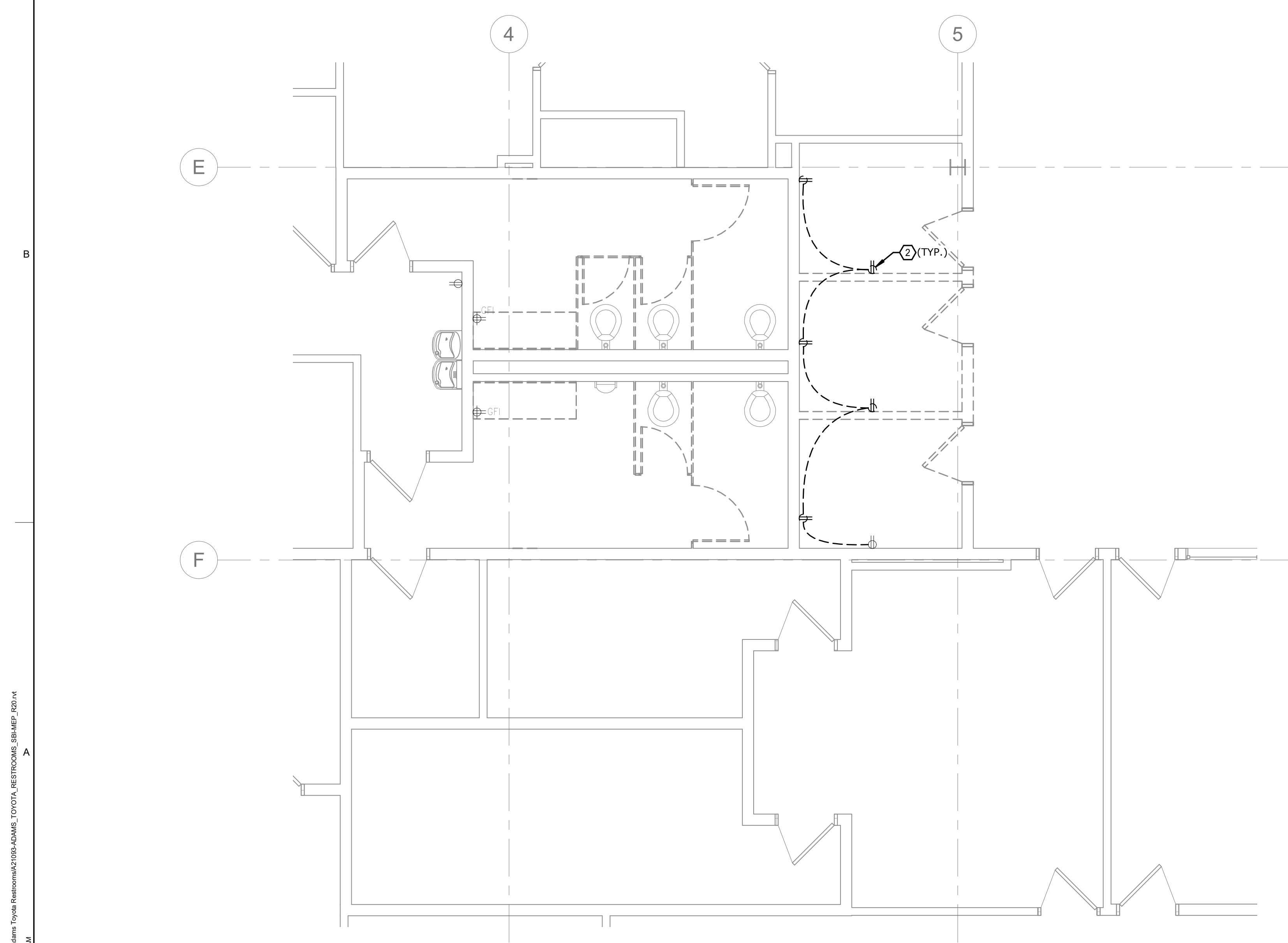
© YAEGER ARCHITECTURE, INC.



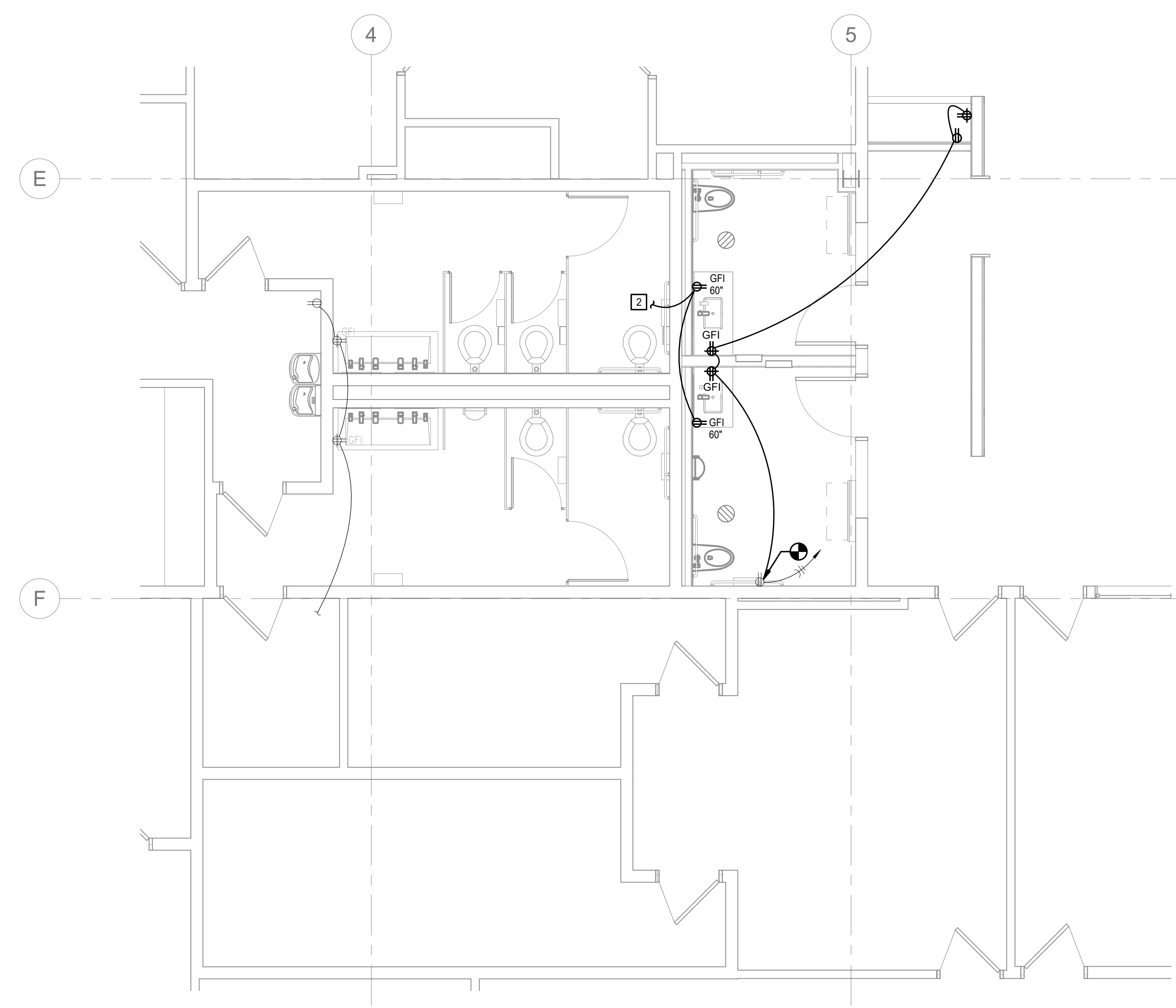
C4 DEMOLITION ENLARGED LIGHTING PLAN - RESTROOM
SCALE 1/4" = 1'-0"



C2 ENLARGED LIGHTING PLAN - RESTROOM
SCALE 1/4" = 1'-0"



A4 DEMOLITION ENLARGED POWER PLAN - RESTROOM
SCALE 1/4" = 1'-0"



A2 ENLARGED POWER PLAN - RESTROOM
SCALE 1/4" = 1'-0"

- GENERAL NOTES:**
1. CIRCUIT ALL EMERGENCY BALLASTS AND EXIT SIGNS WITH AN UNSWITCHED HOT CONDUCTOR.
 2. PROVIDE LOW VOLTAGE WIRING BETWEEN OCCUPANCY SENSORS AND TO CORRESPONDING POWER PACKS WITHIN EACH ROOM UNLESS NOTED OTHERWISE. REFER TO WIRING DIAGRAMS ON SHEET E301 FOR MORE INFORMATION.
 3. REFER TO ARCHITECTURAL FLOOR PLANS AND REFLECTED CEILING PLANS FOR EXACT MOUNTING LOCATIONS OF ALL LIGHT FIXTURES AND WALL MOUNTED ELECTRICAL DEVICES.
 4. COORDINATE ALL LIGHT FIXTURES WITH MECHANICAL EQUIPMENT AND DUCTWORK PRIOR TO INSTALLATION.
 5. MAKE PROVISIONS FOR VOLTAGE DROP PER NEC AS REQUIRED FOR 120V BRANCH CIRCUITING.
- 0'-100' #12 AWG.
•101'-150' #10 AWG.
•151'-200' #8 AWG.
- GROUND CONDUCTOR AND RACEWAYS SHALL BE INCREASED AS REQUIRED.
6. ALL SERVICES SHOWN WITH HALF TONE LINE WEIGHT ARE EXISTING.
 7. FIRE ALARM SHALL MEET THE APPLICABLE CODE REQUIREMENTS OF NFPA 72, NFPA 90A AND NFPA 99 IN ADDITION TO LOCALLY ADOPTED CODES.
 8. SET CANDELA SETTINGS ON ALL STROBES PER THE REQUIREMENTS OF NFPA 72.

- DEMOLITION PLAN NOTES:**
1. REMOVE EXISTING LIGHT FIXTURE IN ITS ENTIRETY, INCLUDING ALL CONDUIT AND WIRING BACK TO SOURCE OR NEAREST DEVICE SCHEDULED TO REMAIN.
 2. REMOVE EXISTING ELECTRICAL DEVICE IN ITS ENTIRETY INCLUDING ALL CONDUIT AND WIRING BACK TO SOURCE OR NEAREST DEVICE SCHEDULED TO REMAIN.
- PLAN NOTES:**
1. PROVIDE LIGHT FIXTURE IN APPROXIMATE LOCATION SHOWN. ROUTE NEW CIRCUITRY TO DESIGNATED PANELBOARD.
 2. PROVIDE RECEPTACLE IN APPROXIMATE LOCATION SHOWN FOR NEW LIGHTED MIRROR. CONNECT CIRCUITRY INTO AREA LIGHTING CIRCUITRY. COORDINATE FINAL MOUNTING HEIGHT WITH ARCHITECT.



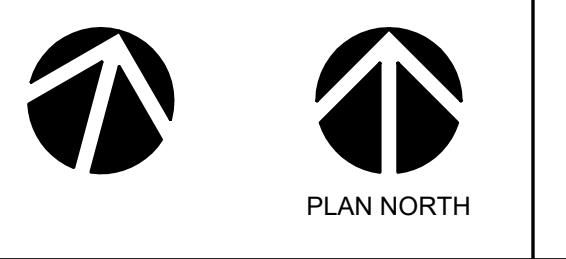
ARCHITECT
YAEGER ARCHITECTURE, INC.
8655 Penrose Lane, Suite 300
Lenexa, KS 66219
Tel: (913) 742-8000
Fax: (913) 742-8570
yaegerarchitecture.com
missouri certificate of authority no: 000270

MEP ENGINEER
Smith & Boucher, Inc.
25618 W. 103rd Street
Olathe, KS 66061
Tel: (913) 345-2127

ADAMS TOYOTA RESTROOMS
501 NE COLBERN ROAD
LEE'S SUMMIT, MO 64086

PROJECT NO:	A21093
DATE:	07/12/2022
DRAWN BY:	SBI
CHECKED BY:	CEA
CHECKED BY:	Designer
REVISED DATE	DESCRIPTION

smith & boucher
engineers
25618 west 103rd St. olathe, ks 66061
phone 913.345.2127 fax 913.345.0817
project number 2221100



ENLARGED ELECTRICAL

E102
© YAEGER ARCHITECTURE, INC.

FILE PATH: B:\02\2020\Adams Toyota Restrooms\A21093-ADAMS TOYOTA RESTROOMS_SBI.dwg
PLOT DATE: 7/12/2022 8:57:31 AM

SHEET SIZE: ARCH E1 30" x 42"