



SITE PLAN NOTES

SITE PLAN SHOWN FOR REFERENCE ONLY. ACCESSIBLE PARKING SPACES, ACCESSIBILITY SIGNAGE, AND PATH OF TRAVEL ARE EXISTING TO REMAIN AND SUBJECT TO FIELD VERIFICATION BY GC.

LEGEND

- (E) PROPERTY LINE
- (E) PATH OF TRAVEL

KEYNOTES

#	KEYNOTE DESCRIPTION
1	EXISTING PATH OF TRAVEL.
2	EXISTING ACCESS AISLE TO REMAIN, TYP.
3	EXISTING CONCRETE SIDEWALK TO REMAIN; G.C. TO PRESSURE WASH ENTIRE LENGTH, VERIFY CONDITIONS IN FIELD.
4	EXISTING ACCESSIBLE PARKING SPACES TO REMAIN, TYP.
5	EXISTING ASPHALT PAVING TO REMAIN, TYP.
6	EXISTING SITE LIGHT TO REMAIN, TYP.

STAMP

REVISIONS		
No.	DATE	DESCRIPTION

CLIENT INFORMATION

Aaron's	400 GALLERIA PARKWAY, SUITE 300 ATLANTA, GA 30339 PHONE NUMBER: (678) 402-3000
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Aaron's
400 GALLERIA PARKWAY, SUITE 300
ATLANTA, GA 30339
PHONE NUMBER: (678) 402-3000

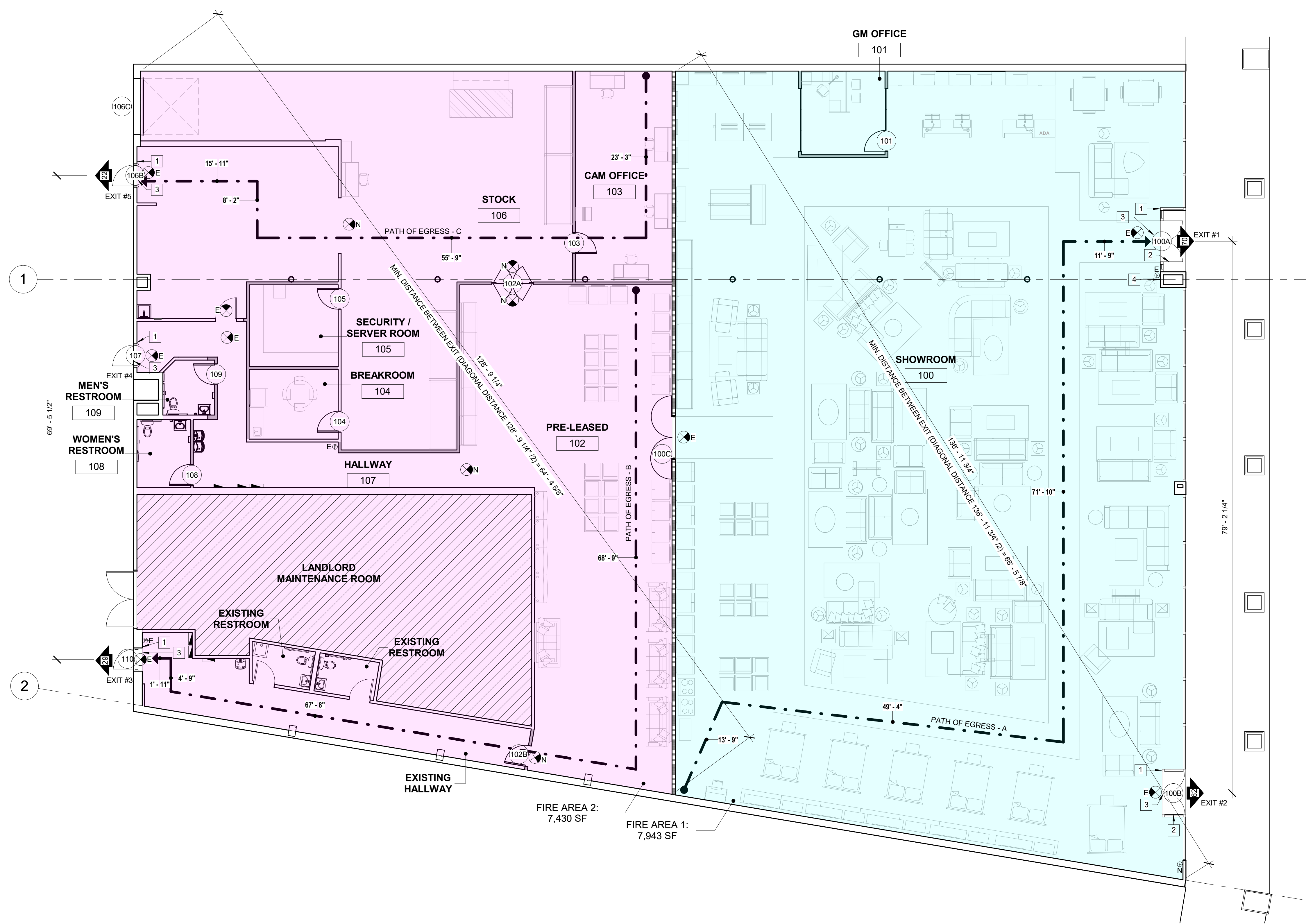
PROJECT NAME
AARON'S C0573 / C0618
29850 - 29900 LAKESHORE BLVD
WILLOWICK, OH 44095

SHEET NAME
SITE PLAN

DRAWN	E.N.	CHECKED	
DATE			03/07/23
SCALE			AS NOTED
PROJECT NUMBER			
SHEET			

A002

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- ### EXIT NOTES
- EXIT SIGNS SHALL BE INTERNALLY ILLUMINATED.
 - EXIT SIGNS ILLUMINATED BY AN EXTERNAL SOURCE SHALL HAVE AN INTENSITY OF NOT LESS THAN 5 FOOT CANDLES (54 LUX).
 - INTERNALLY ILLUMINATED SIGNS SHALL BE LISTED AND LABELED AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND INTERNATIONAL BUILDING CODE 2015 CHAPTER 27.
 - EXIT SIGNS SHALL BE ILLUMINATED AT ALL TIMES (1013.5)
 - EXIT SIGNS SHALL BE CONNECTED TO AN EMERGENCY POWER SYSTEM THAT WILL PROVIDE AN ILLUMINATION OF NOT LESS THAN 90 MIN. IN CASE OF POWER LOSS (1013.6.3)
 - EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT (1010.1.9)
 - DOOR HANDLES, LOCK AND OTHER OPERATING DEVICES SHALL BE INSTALLED AT A MINIMUM 34" AND A MAX. 48" ABOVE THE FINISHED FLOOR.
 - EGRESS DOORS TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED.
 - ALL EGRESS DOOR OPERATION SHALL COMPLY WITH SECTION 1010.1.9-1010.1.9.12
 - THE MEANS OF EGRESS, INCLUDING THE EXIT DISCHARGE, SHALL BE ILLUMINATED AT ALL TIMES THE BUILDING SPACE SERVED BY THE MEANS OF EGRESS IS OCCUPIED.
 - THE MEANS OF EGRESS ILLUMINATION LEVEL SHALL NOT BE LESS THAN 1 FOOT CANDLE AT THE WALKING SURFACE.
 - THE POWER SUPPLY FOR MEANS OF EGRESS ILLUMINATION SHALL NORMALLY BE PROVIDED BY THE PREMISES' ELECTRICAL SUPPLY. IN THE EVENT OF POWER SUPPLY FAILURE, AN EMERGENCY ELECTRICAL SYSTEM SHALL AUTOMATICALLY ILLUMINATE THE FOLLOWING AREAS:
 - AISLES AND UNENCLOSED EGRESS STAIRWAYS IN ROOMS AND SPACES THAT REQUIRE TWO OR MORE MEANS OF EGRESS.
 - CORRIDOR, EXIT ENCLOSURES AND EXIT PASSAGEWAYS IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.
 - EXTERIOR EGRESS COMPONENTS AT OTHER THAN LEVEL OF EXIT DISCHARGE UNTIL EXIT DISCHARGE IS ACCOMPLISHED FOR BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.
 - INTERIOR EXIT DISCHARGE ELEMENTS, AS PERMITTED IN SECTION 1027.1 IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.
 - EXTERIOR LANDINGS, AS REQUIRED BY SECTION 1010.1.6 FOR EXIT DOORWAYS THAT LEAD DIRECTLY TO THE EXIT DISCHARGE
 - EVERY SPACE INTENDED FOR HUMAN OCCUPANCY SHALL BE PROVIDED WITH NATURAL LIGHT BY MEANS OF EXTERIOR GLAZED OPENINGS IN ACCORDANCE WITH SECTION 1205.2 OR SHALL BE PROVIDED WITH ARTIFICIAL LIGHT IN ACCORDANCE WITH SECTION 1205.3. EXTERIOR GLAZED OPENINGS SHALL OPEN DIRECTLY ONTO THE PUBLIC WAY OR ONTO A YARD OR COURT IN ACCORDANCE WITH SECTION 1206.
 - THE MEANS OF EGRESS SYSTEM SHALL MAINTAIN A CLEAR CEILING HEIGHT OF 7'-6" MINIMUM.

KEYNOTES

#	KEYNOTE DESCRIPTION
1	(N) TACTILE EXIT SIGN
2	(N) INTERNATIONAL SYMBOL OF ACCESSIBILITY
3	PROVIDE THE FOLLOWING SIGN ABOVE DOOR: "THIS DOOR TO REMAIN UNLOCKED WHEN THIS SPACE IS OCCUPIED."
4	POST INTERIOR SIGNAGE STATING "MAXIMUM CAPACITY: 183 PERSONS"

EGRESS PATH TOTAL

PATH OF EGRESS - RUN	TRAVEL DISTANCE
A	146' - 7 1/2"
B	143' - 1"
C	103' - 0 1/2"

PER TABLE 1017.2 OF INTERNATIONAL BUILDING CODE 2015, MAXIMUM EXIT ACCESS TRAVEL DISTANCE FOR BUILDING = 200 FT (M OCCUPANCY, WITHOUT SPRINKLER SYSTEM).
 146'-7 1/2" < 200' - 0", . OKAY.

- ### LEGEND
- ### ROOM TAG
 - (N) NON-RATED PARTITION WALL
 - (E) WALL TO REMAIN
 - (N) 2HR FIRE-BARRIER PER CODE TO BE PROVIDED BY LANDLORD.
 - ### NUMBER OF PEOPLE EXITING
 - PER TABLE 1017.2 OF INTERNATIONAL BUILDING CODE 2015, MAXIMUM EXIT ACCESS TRAVEL DISTANCE FOR BUILDING = 200 FT (M OCCUPANCY, WITHOUT SPRINKLER SYSTEM). SEE PLAN FOR TRAVEL DISTANCE ON EACH AREA
 - F.E. FIRE EXTINGUISHERS FOR CLASS A FIRE HAZARDS - ORDINARY HAZARD OCCUPANCY - 2-A RATED SINGLE EXTINGUISHER - THE MAXIMUM TRAVEL DISTANCE TO EXTINGUISHER IS 75 FEET - TO BE MOUNTED AT 4'-0" HIGH FROM FINISH FLOOR TO HANDLE OF FIRE EXTINGUISHER
 - EXIT SIGN W/ BATTERY BACKUP, ARROW INDICATE DIRECTION OF TRAVEL
 - FIRE AREA 1: 7,943 SF
 - FIRE AREA 2: 7,430 SF

Kinetic Design
 29833 Santa Margarita Pkwy, Suite 300
 Rancho Santa Margarita, CA 92688
 Main: 951.710.6334 Web: kineticdesign.build
 Email: info@kineticdesign.build

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CLIENT INFORMATION

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 400 GALLERIA PARKWAY, SUITE 300
 ATLANTA, GA 30339
 PHONE NUMBER: (678) 402-3000

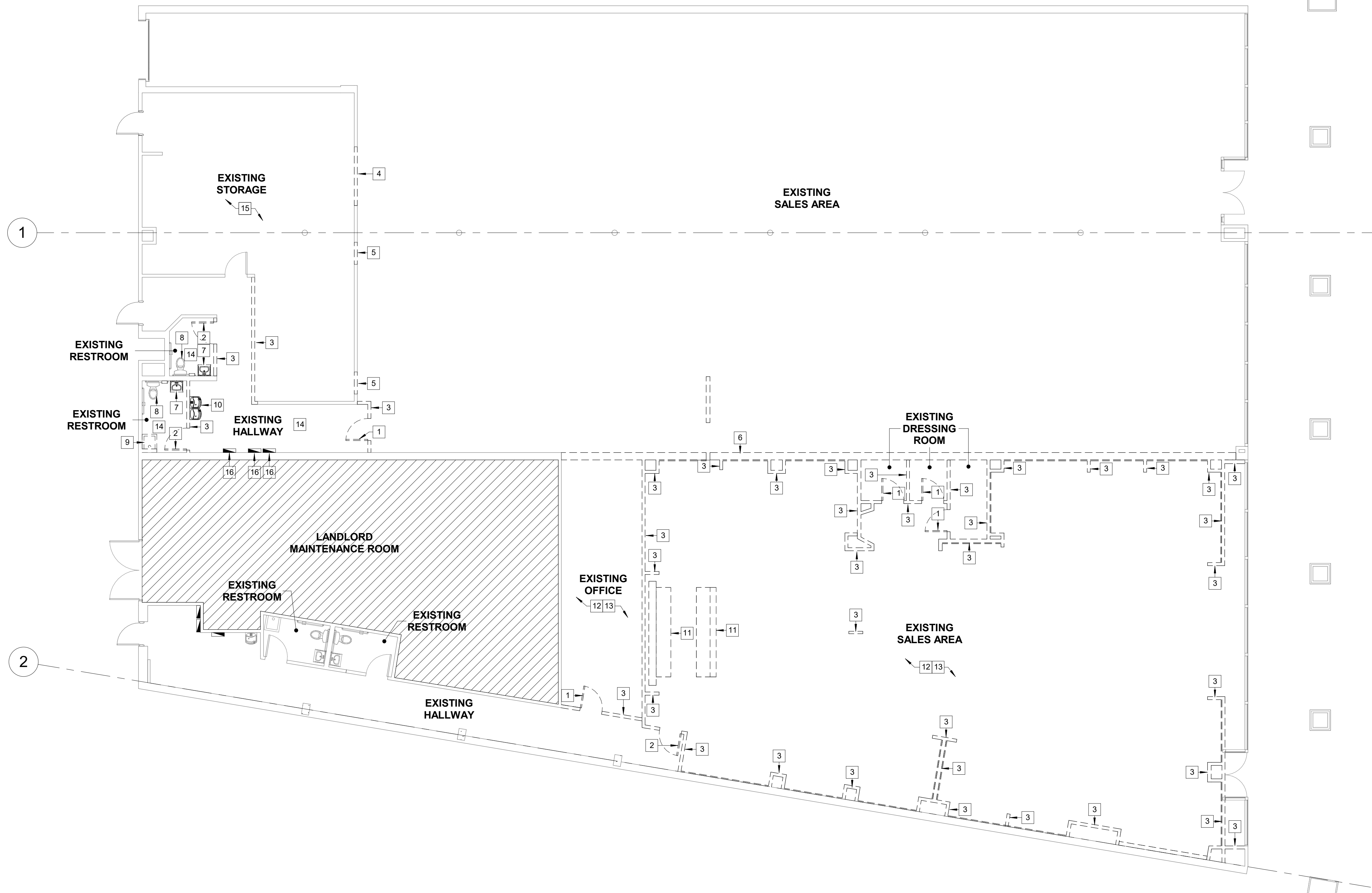
PROJECT NAME
AARON'S C0573 / C0618
 29850 - 29900 LAKESHORE BLVD
 WILLOWICK, OH 44095

SHEET NAME
LIFE SAFETY PLAN

DRAWN	CHECKED
E.N.	

DATE: 03/07/23
 SCALE: AS NOTED
 PROJECT NUMBER:

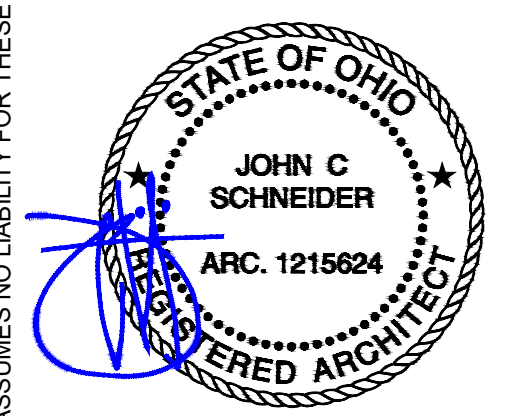
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GENERAL DEMOLITION NOTES

- PRIOR TO BIDDING, THE CONTRACTOR AND THEIR SUB-CONTRACTORS SHALL INSPECT ALL AREAS IN WHICH THE WORK IS TO BE PERFORMED AND FIELD VERIFY ALL EXISTING CONDITIONS. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
- REMOVE EXISTING FINISHES WHERE INDICATED AND PREPARE ALL EXISTING SURFACES AS REQUIRED TO INSTALL THE NEW FINISHES SCHEDULES ON NEW FLOOR PLAN.
- ALL EXISTING BUILDING UTILITIES SHALL REMAIN IN OPERATION DURING CONSTRUCTION. ANY TEMPORARY SUSPENSION OF SERVICES SHALL BE COORDINATED AND APPROVED BY THE OWNER.
- IN ORDER TO INSTALL SOME OF THE NEW WORK (STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL), IT WILL BE NECESSARY FOR THE CONTRACTOR AND THEIR SUB-CONTRACTORS TO REMOVE AND REPLACE (OR REFINISH) EXISTING CEILINGS, WALLS, OR FLOORS IN OTHER AREAS OF THE BUILDING NOT SHOWN ON THESE DOCUMENTS. THE CONTRACTOR SHALL INCLUDE ALL SUCH COSTS IN THEIR BASE BID, WHETHER SHOWN ON THESE PLANS OR NOT.
- THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT OF ANY DISCREPANCIES OR CONFLICTS THAT MIGHT ARISE IN THE COURSE OF THE DEMOLITION WORK.
- DO NOT CUT ANY STRUCTURAL ELEMENTS (E.G. CONCRETE SLAB, COLUMN, BEAMS) WITHOUT APPROVAL AND DETAILS FROM ARCHITECT, STRUCTURAL ENGINEER, LANDLORD AND OWNER.
- CONTRACTOR TO PROVIDE TEMPORARY CONSTRUCTION BARRIER AS NECESSARY FOR SEPARATION OF CONSTRUCTION AREAS AND ADJACENT OWNER OCCUPIED AREAS.
- CONTRACTOR TO REMOVE ABANDONED ITEMS SUCH AS ABANDONED PIPING, CONDUIT, WIRING, DUCTWORK, ETC. PATCH AND REPAIR SURROUNDING SURFACES AS REQUIRED.
- CONTRACTOR SHALL PROTECT EXISTING WALL, FLOOR, AND CEILING FINISHES, ITEMS AND FIXTURES NOT SCHEDULES FOR DEMOLITION. CONTRACTOR SHALL PATCH AND REPAIR DAMAGED FINISHES, ITEMS AND FIXTURES TO REMAIN AND/OR REPLACE IN KIND TO MATCH EXISTING.
- WHERE EXISTING WORK TO BE REMOVED PENETRATES EXISTING PARTITIONS TO REMAIN, THE PARTITION SHALL BE PATCHED TO MEET OR EXCEED EXISTING FIRE RATING. FINISH TO MATCH EXISTING OR AS NOTED ON FINISH SCHEDULE.
- AT THE TIME OF ROUGH INSTALLATION AND DURING STORAGE ON THE CONSTRUCTION SITE UNTIL FINAL STARTUP OF THE HEATING, COOLING, AND VENTILATING EQUIPMENT, ALL DUCT AND OTHER RELATED AIR DISTRIBUTION COMPONENT OPENINGS SHALL BE COVERED WITH TAPE, PLASTIC, SHEET METAL, OR OTHER ACCEPTABLE METHODS TO REDUCE THE AMOUNT OF DUST, WATER, AND DEBRIS WHICH MAY COLLECT IN THE SYSTEM.
- CONTRACTOR TO FIELD VERIFY EXISTING PIPES AND CONDUITS, AND TO NOTIFY ARCHITECT OF ANY DISCREPANCIES IMMEDIATELY.

KD
Kinetic Design
 29833 Santa Margarita Pkwy, Suite 300
 Rancho Santa Margarita, CA 92688
 Main: 951.710.6334 Web: kineticdesign.build
 Email: info@kineticdesign.build



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KEYNOTES

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1	EXISTING DOOR TO BE REMOVED.
2	EXISTING DOOR TO BE RELOCATED.
3	EXISTING WALL TO BE REMOVED. GC VERIFY IF ANY OF THE WALLS BEING REMOVED ARE POTENTIALLY STRUCTURAL AND NOTIFY OWNER AND ARCHITECT IMMEDIATELY.
4	REMOVE A PORTION OF EXISTING WALL FOR A NEW WALL OPENING.
5	REMOVE A PORTION OF EXISTING WALL FOR A NEW DOOR OPENING.
6	REMOVE WALL UP TO THE EXISTING CEILING HEIGHT ON BOTH SIDES OF THE WALL. SEE REFLECTED CEILING PLAN FOR ADDITIONAL DETAILS.
7	EXISTING PLUMBING FIXTURE TO BE RELOCATED.
8	EXISTING PLUMBING FIXTURE TO BE CLEANED FOR RE-USE.
9	EXISTING MOP SINK TO BE REMOVED.
10	EXISTING DRINKING FOUNTAIN TO BE RELOCATED.
11	EXISTING CASEWORK TO BE REMOVED.
12	EXISTING FLOORING IN SALES AREA TO BE REMOVED, FLOOR TO BE CLEANED AND PREPPED FOR NEW FINISH.
13	EXISTING BASE TO BE REMOVED.
14	EXISTING FLOORING AND COVE BASE IN HALLWAY AND RESTROOMS TO BE REMOVED.
15	EXISTING CONCRETE FLOORING TO BE CLEANED FOR SMOOTH FINISH.
16	EXISTING ELECTRICAL PANELS TO REMAIN, PROTECT IN PLACE.

Aaron's
 400 GALLERIA PARKWAY, SUITE 300
 ATLANTA, GA 30339
 PHONE NUMBER: (678) 402-3000

LEGEND

- (E) PARTITION WALL TO REMAIN
- (E) PARTITION WALL TO BE REMOVED
- # KEYNOTE TAG
- AREA NOT IN SCOPE OF WORK

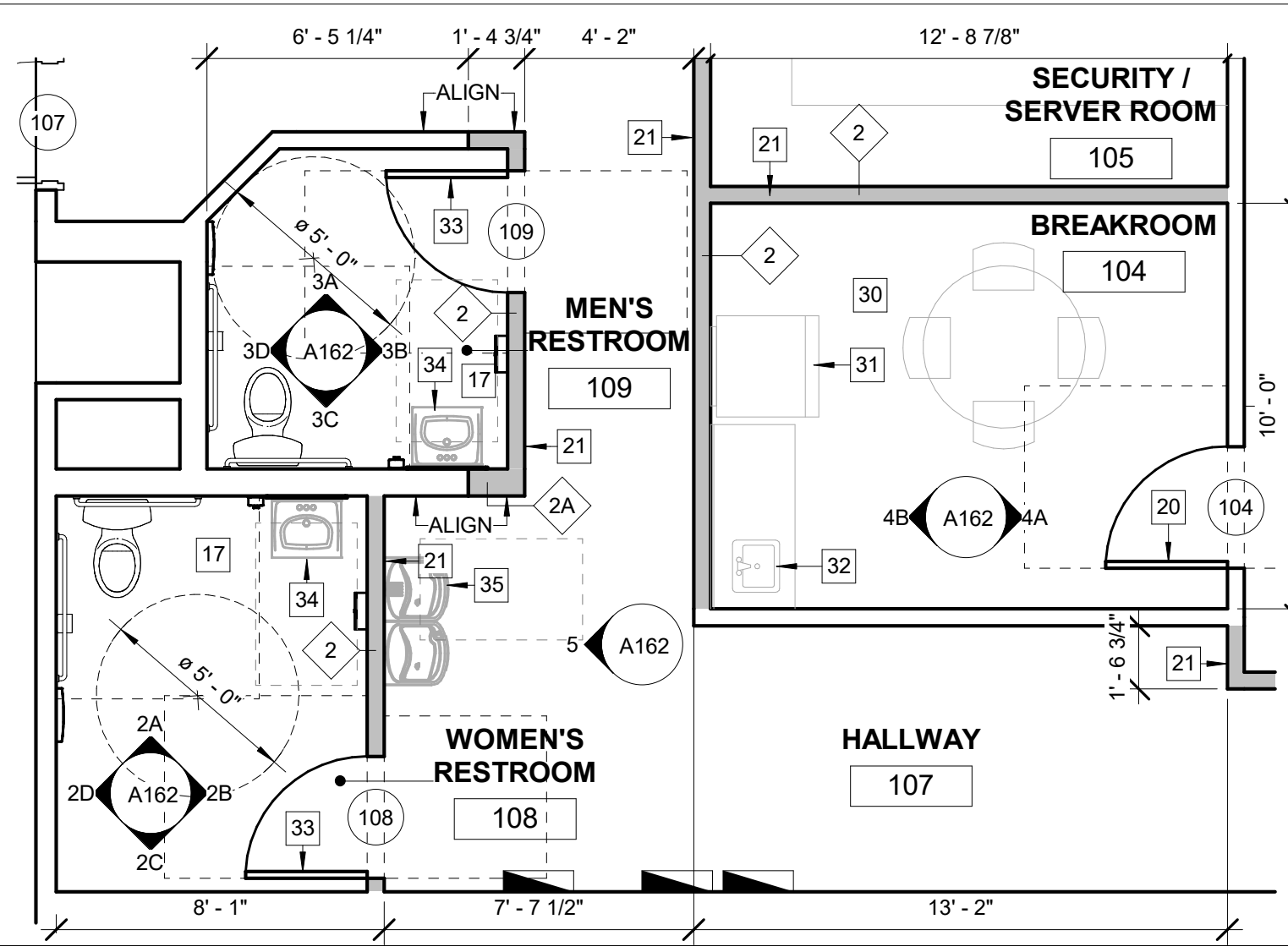
PROJECT NAME
AARON'S C0573 / C0618
 29850 - 29900 LAKESHORE BLVD
 WILLOWICK, OH 44095

SHEET NAME
DEMOLITION PLAN

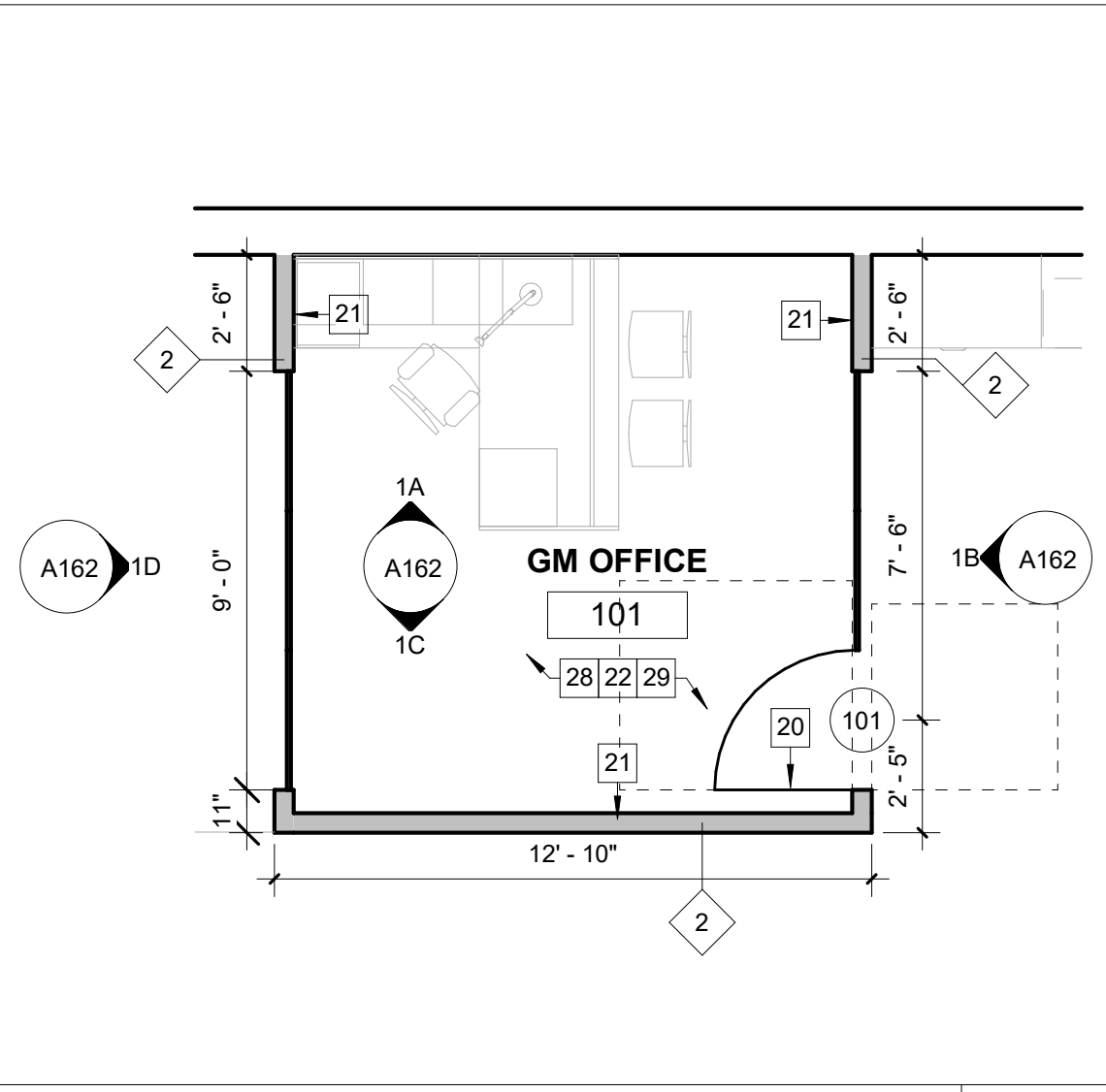
DRAWN	E.N.	CHECKED	
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PROJECT NUMBER			
SHEET			

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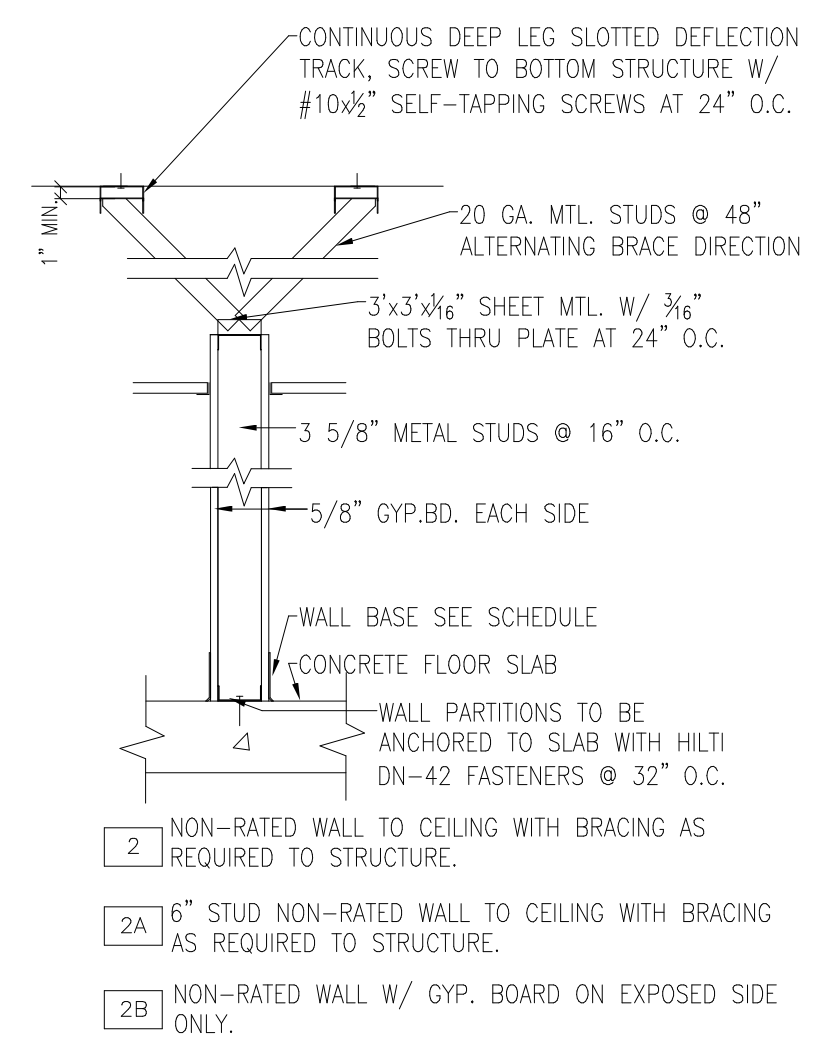
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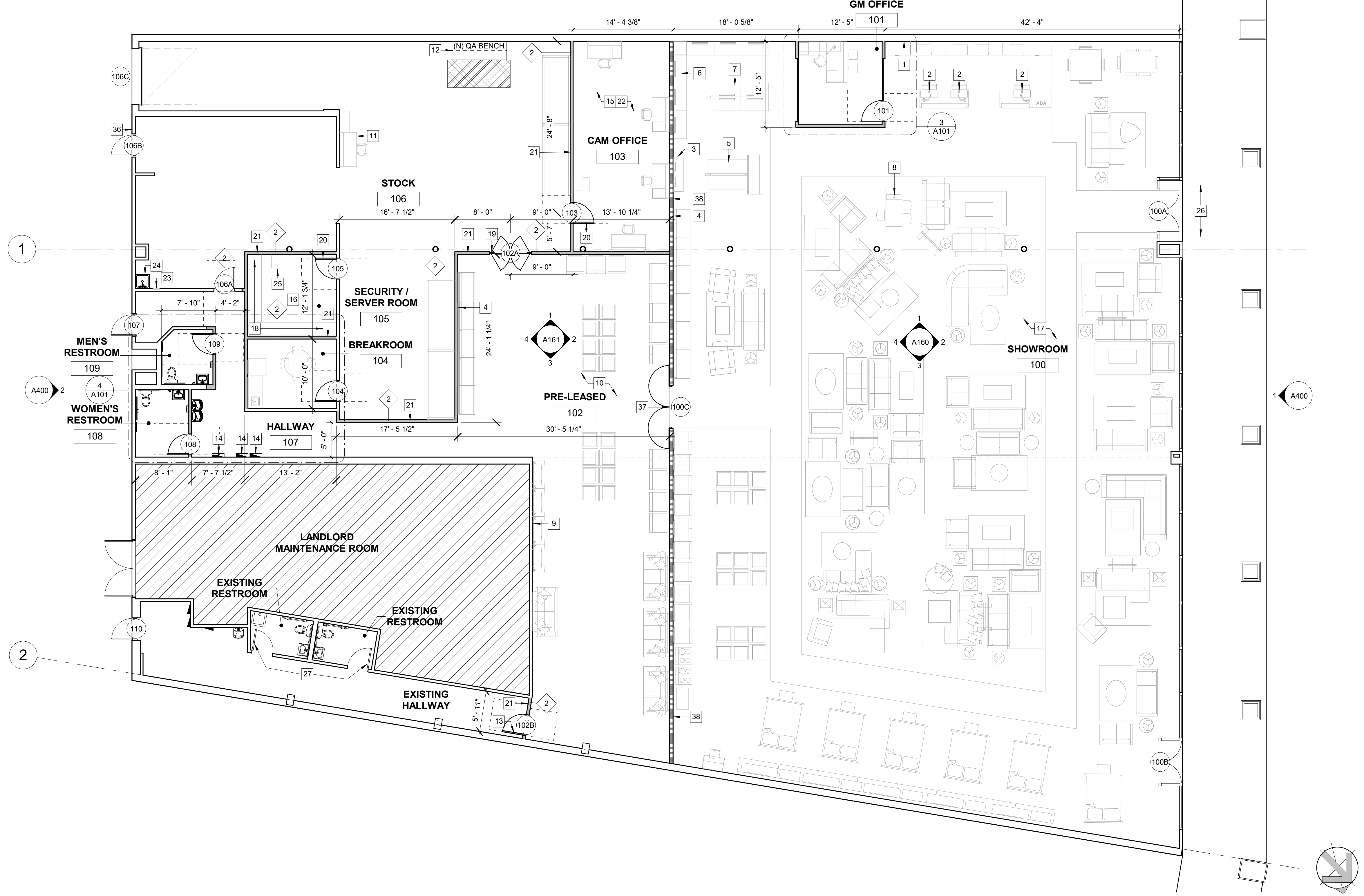
ENLARGED PLAN - RESTROOMS AND BREAKROOM Scale 1/4" = 1'-0" 4



ENLARGED PLAN - GM OFFICE Scale 1/4" = 1'-0" 3



WALL PARTITION TYPES Scale 3/4" = 1'-0" 2



FLOOR PLAN Scale 1/8" = 1'-0" 1

FLOOR PLAN GENERAL NOTES

- ALL FIXTURES NEED TO BE COORDINATED WITH THE OWNER, ARCHITECT, CONSULTANTS AND MANUFACTURER PRIOR TO CONSTRUCTION.
- CONSTRUCTION DIMENSIONS ARE FROM FINISH FACE TO FINISH FACE.
- FIXTURE DIMENSIONS ARE FROM FACE OF FINISHED WALL TO FACE OF FINISHED WALL.
- ALL FIXTURES AND SALES COUNTERS ARE SHOWN FOR REFERENCE ONLY.
- G.C. TO PROVIDE GYP. BD. CONTROL JOINTS @ LESS THAN 30" O.C. UNLESS NOTED OTHERWISE.
- ALL EXISTING WALLS IN THE SHOWROOM TO BE PATCHED AS REQUIRED AND PREPARED FOR RECEIVE NEW FINISH.
- GC TO VERIFY ALL DEMISING WALLS ARE FULL HEIGHT TO DECK AND MINIMUM 1-HOUR RATED.

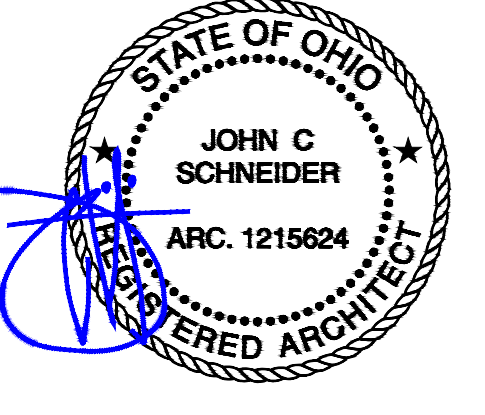
KEYNOTES

#	KEYNOTE DESCRIPTION
1	INSTALL NEW 24"-0" WIDE BACKCOUNTER WITH TERRAZZO/MAI WOOD.
2	INSTALL NEW POS CASHWRAP (PODS).
3	INSTALL NEW GAMING FIXTURE.
4	INSTALL NEW TV-WALL FIXTURES.
5	INSTALL NEW AUDIO FIXTURE WITH POWERPOLE.
6	INSTALL NEW COMPUTER BUNKERS AND CORNER FILLER.
7	INSTALL NEW COMPUTER BUNKER ISLAND WITH POWERPOLE.
8	INSTALL NEW WONDERBOARD/RCO DESK.
9	INSTALL NEW PAZ WALL FOR COMPUTERS IN THE PRE-LEASED AREA.
10	INSTALL NEW ELECTRICAL FOR APPLIANCES IN THE PRE-LEASED AREA.
11	NEW WAREHOUSE RECEIVING DESK AND CHAIR TO BE ADDED.
12	INSTALL NEW QA BENCH IN STOCK ROOM.
13	RELOCATED EXISTING DOOR.
14	EXISTING ELECTRICAL PANELS TO REMAIN.
15	BUILD NEW CAM OFFICE AS INDICATED.
16	BUILD NEW SECURITY/SERVER ROOM AS INDICATED.
17	ALL EXISTING WALLS IN SHOWROOM, AND RESTROOMS TO BE PATCHED AS NEEDED.
18	NEW SHELVING TO BE ADDED IN SECURITY/SERVER ROOM.
19	INSTALL NEW STOCK ROOM DOOR AS INDICATED ON DOOR SCHEDULE.
20	NEW DOOR TO BE INSTALLED.
21	NEW PARTITION WALL TO BE ADDED.
22	INSTALL NEW FURNITURE IN THIS ROOM.
23	INSTALL NEW WASHER BOX, SEE PLUMBING PLANS.
24	INSTALL NEW MOP SINK, SEE PLUMBING PLANS.
25	ADD NEW SERVER TO NEW SECURITY / SERVER ROOM.
26	EXTERIOR SIDEWALK TO BE PRESSURE WASHED.
27	THIS DOOR TO BE LOCKED. MARK RESTROOM NOT IN USE.
28	BUILD NEW GM OFFICE AS INDICATED.
29	NEW KEYPAD TO BE INSTALLED IN GM OFFICE.
30	BUILD NEW BREAKROOM AS INDICATED.
31	PROVIDE NEW REFRIGERATOR IN NEW BREAKROOM.
32	INSTALL NEW BREAKROOM CABINET WITH DROP-IN SINK.
33	EXISTING RESTROOM DOOR TO BE RELOCATED TO THIS LOCATION. INSTALL NEW DOOR HARDWARE AS INDICATED ON DOOR SCHEDULE.
34	EXISTING RESTROOM PLUMBING FIXTURE TO BE RELOCATED TO THIS LOCATION.
35	EXISTING DRINKING FOUNTAIN TO BE RELOCATED TO THIS LOCATION.
36	PROVIDE DOOR BUZZER ON THE OUTSIDE OF THE BUILDING, EXACT LOCATION V.I.F.
37	NEW FIRE DOOR PER CODE TO BE PROVIDED BY AARON'S. THIS DOOR TO BE PROVIDED WITH MAGNETIC HOLD OPEN DEVICES PER 2017 IRC (2015 IBC) 716.5.9 AND 716.5.9.2. SEE A900 AND A902 FOR ADDITIONAL INFORMATION.
38	REFER TO DETAIL ON I/A901 FOR ANY PENETRATION THROUGH FIRE BARRIER.

LEGEND

ROOM NAME ###	ROOM TAG	(E) WALL TO REMAIN
#	KEYNOTE TAG	101 DOOR TAG
(N) NON-RATED PARTITION WALL SEE DETAIL 2'-		WALL TAG SEE DETAIL 2'-
(N) 2HR FIRE-BARRIER PER CODE TO BE PROVIDED BY LANDLORD.		AREA NOT IN SCOPE OF WORK

KD
Kinetic Design
29833 Santa Margarita Pkwy, Suite 300
Rancho Santa Margarita, CA 92688
Main: 951.710.6334 Web: kineticdesign.biz
Email: info@kineticdesign.biz



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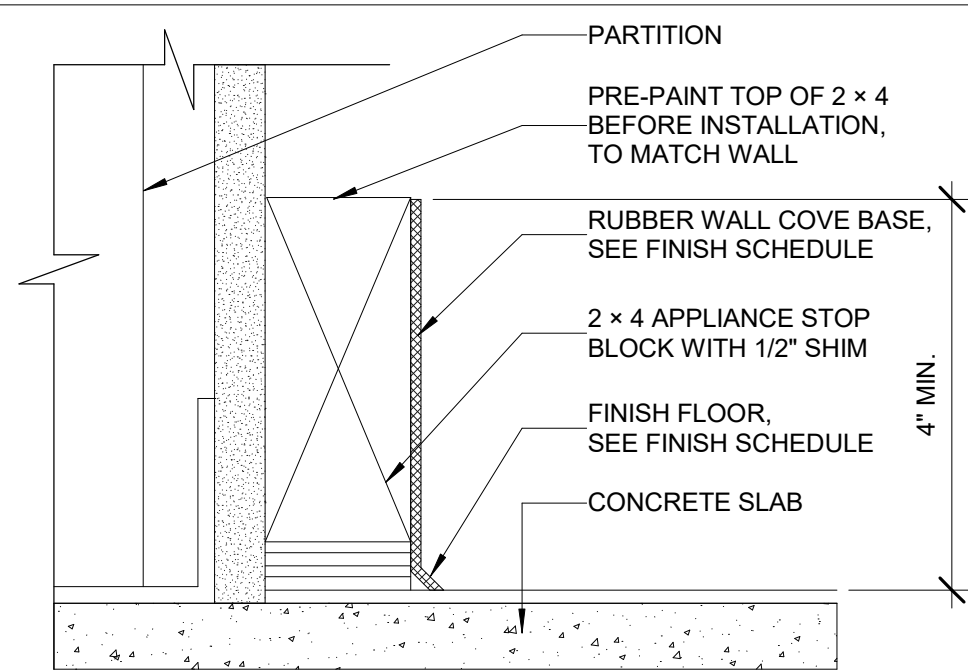
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PHONE NUMBER: (678) 402-3000

PROJECT NAME
AARON'S C0573 / C0618
29850 - 29900 LAKESHORE BLVD
WILLOWICK, OH 44095
SHEET NAME
FLOOR PLAN & ENLARGED PLANS

DRAWN	CHECKED
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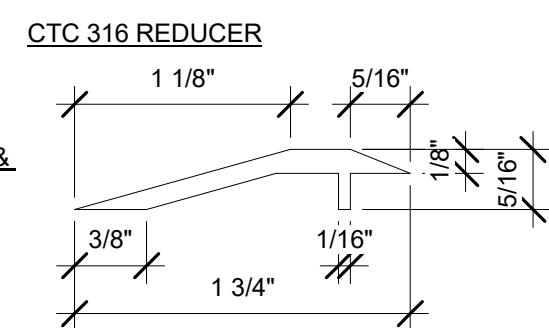
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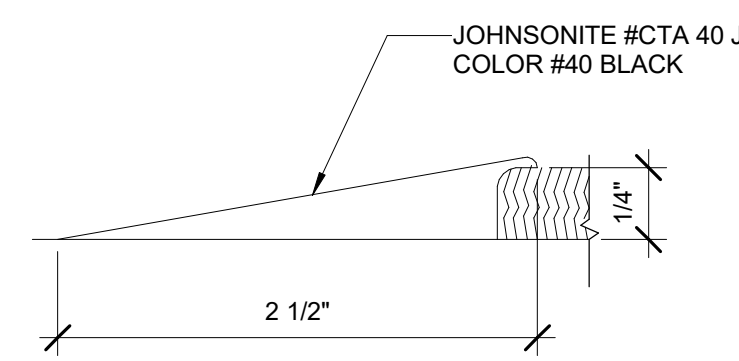
WALL BASE AT APPLIANCES Scale NTS 4

CONCRETE LVT FLOORING
CONCRETE VCT FLOORING



CONCRETE TO LVT/VCT DETAIL Scale NTS 3

CONCRETE CARPET



CONCRETE TO CARPET DETAIL Scale NTS 2

FLOOR FINISH NOTES

- SEE DECOR MANUAL FOR MORE SPECIFICATIONS AND INSTALLATION INSTRUCTIONS.
- ALL DIMENSIONS SHOWN ON THE DRAWING SHALL BE CONSIDERED CRITICAL.
- ALL INTERIOR FINISHES SHALL BE A MINIMUM OF CLASS "C" FIRE RATED FINISH.
- ALL BASES TO BE "WB-1" UNLESS NOTED OTHERWISE.
- SEAL CONCRETE FLOOR AT FINISH OF CONSTRUCTION.

KEYNOTES

#	KEYNOTE DESCRIPTION
1	MULTIPLE WALL FINISHES. U.O.N. (UNLESS OTHERWISE NOTED) FOLLOWS THE MAIN COLOR OF THE ROOM. OTHER FOCAL FINISHES WILL BE CALLED OUT. SEE THE INTERIOR ELEVATIONS FOR CLARIFICATION OF THE FINISH LOCATIONS.
2	ENSURE (E) CONCRETE IS SEALED THROUGHOUT.
3	PROVIDE 2 x 4 P.T. STUD LAID FLAT AT THE BASE OF THE WALL, PAINTED TO MATCH THE WB-01 BASE.
4	FINISH TRANSITION THIS SIDE OF DOOR.
5	PROVIDE YELLOW SAFETY FLOOR STRIPING CENTERED ON QA BENCH.
6	PROVIDE YELLOW SAFETY FLOOR STRIPING AT ELECTRICAL PANELS. 36" MINIMUM IN FRONT OF PANELS.
7	NO WORK IN THIS AREA.

FLOOR FINISH LEGEND

- CARPET CP-01
- VINYL TILE 20" x 20" VT-03
- POLISHED CONCRETE FLOOR FINISH C-01
- POLISHED CONCRETE FLOOR FINISH C-02
- AREA NOT IN SCOPE OF WORK

KD
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STATE OF OHIO
JOHN C SCHNEIDER
ARC. 1215624
REGISTERED ARCHITECT

STAMP

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CLIENT INFORMATION
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400 GALLERIA PARKWAY, SUITE 300
ATLANTA, GA 30339
PHONE NUMBER: (678) 402-3000

STOCK 106		CAM OFFICE 103		GM OFFICE 101		SHOWROOM 100	
WALLS	PT-01	WALLS	PT-01	WALLS	PT-02	WALLS	PT-03 U.O.N./PT-01
TRIM	--	TRIM	--	TRIM	--	TRIM	--
BASE	WB-01	BASE	WB-01	BASE	WB-01	BASE	WB-01
WAINSCOT	--	WAINSCOT	--	WAINSCOT	--	WAINSCOT	--
FLOOR	(E) CONCRETE	FLOOR	CP-01	FLOOR	CP-01	FLOOR	C-01 / C-02

SECURITY / SERVER ROOM 105

WALLS	PT-01
TRIM	--
BASE	WB-01
WAINSCOT	--
FLOOR	(E) CONCRETE

MEN'S RESTROOM 109

WALLS	PT-03
TRIM	--
BASE	WB-01
WAINSCOT	FRP
FLOOR	VT-03

WOMEN'S RESTROOM 108

WALLS	PT-03
TRIM	--
BASE	WB-01
WAINSCOT	FRP
FLOOR	VT-03

HALLWAY 107

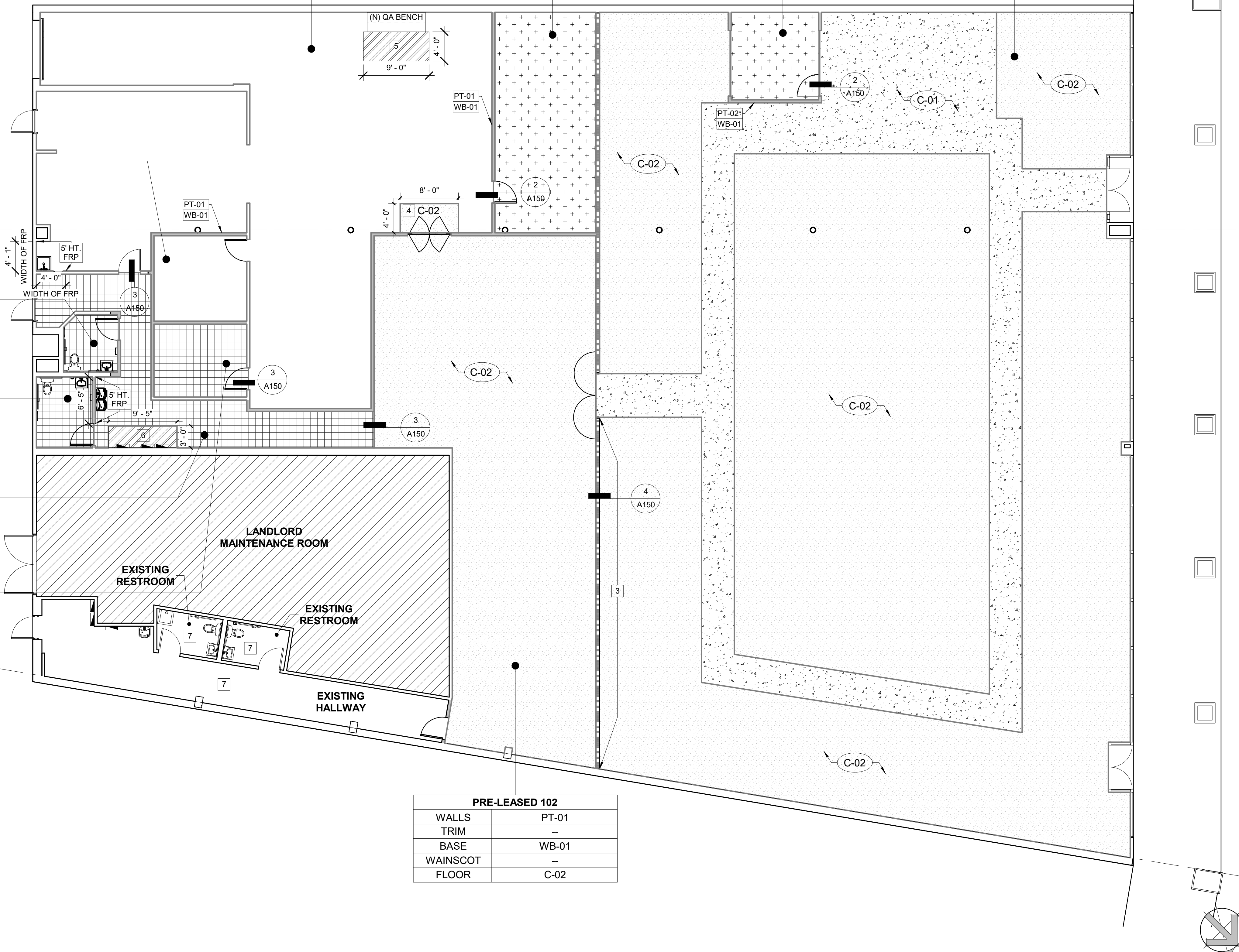
WALLS	PT-01
TRIM	--
BASE	WB-01
WAINSCOT	--
FLOOR	VT-03

BREAKROOM 104

WALLS	PT-01
TRIM	--
BASE	WB-01
WAINSCOT	--
FLOOR	VT-03

PRE-LEASED 102

WALLS	PT-01
TRIM	--
BASE	WB-01
WAINSCOT	--
FLOOR	C-02



FLOOR FINISH PLAN Scale 1/8" = 1'-0" 1

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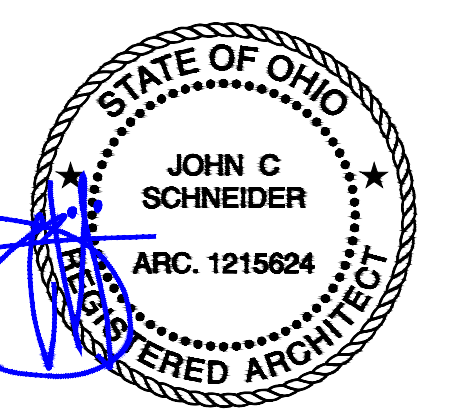
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ROOM FINISH LEGEND								
CODE	DESCRIPTION	PRODUCT / MODEL #	COLOR / FINISH	SIZE / COVERAGE	MANUFACTURER	SOURCE	LOCATION	NOTES
C-01	POLISHED CONCRETE	TBD	DARK GRAY - AISLE	-	ROCKERZ, INC. 100 COMMONWEALTH DRIVE WARRENDALE, PA 15095 T: 724.553.3854 WWW.ROCKERZINC.COM	CONTACT: ROBERT SMITH ROCKERZ, INC. T: 724.553.3854 C: 724.612.6520 RSMITH@ROCKERZINC.COM	SALES FLOOR DRIVE AISLES	OWNER PROVIDED
C-02	POLISHED CONCRETE	TBD	NATURAL POLISHED -FIELD	-	ROCKERZ, INC. 100 COMMONWEALTH DRIVE WARRENDALE, PA 15095 T: 724.553.3854 WWW.ROCKERZINC.COM	CONTACT: ROBERT SMITH ROCKERZ, INC. T: 724.553.3854 C: 724.612.6520 RSMITH@ROCKERZINC.COM	GENERAL SALES AND PRE-LEASE FLOORS	OWNER PROVIDED
CP-01	CARPET TILE	SPACE WORK 5T124 CENTRIC TILE	RAVEN 17505	24" X 24"	SHAW INDUSTRIES, INC. 616 E. WALNUT AVE DALTON, GA 30720 T:800.441.7429 WWW.SHAWCONTRACT.COM	CONTACT: JESSA FINNEGAN SHAW INDUSTRIES, INC. T: 404.558.1806 JESSA.FINNEGAN@SHAWINC.COM	OFFICE	OWNER PROVIDED
CT-01	ACOUSTICAL CEILING TILE	ARMSTRONG CIRRUS 533HRC	WHITE SQUARE EDGE - LAY-IN	24"x48"x.75"	ARMSTRONG P.O. BOX 3001 LANCASTER, PA 17604 T: 717.397.0811 WWW.ARMSTRONG.COM	MICHAEL MCDOWELL ARMSTRONG COMMERCIAL CEILING T: 717.396.6052 F: 717.396.4154 MUMCDOWELL@ARMSTRONG.COM	SALES FLOOR	G.C. PROVIDED
FW-01	FAUX WOOD	NICHIHA FIBER CEMENT ARCHITECTURAL WALL PANEL MODEL#: EPC762F	SERIES: VINTAGE WOOD 3030 COLOR: CEDAR	18"W X 10'L	NICHIHA USA, INC. NATIONAL BRANDS DEPT. 6485 E. JOHNS CROSSING, SUITE 250 JOHNS CREEK, GA 30097 T: 770.805.9466 WWW.NICHIHA.COM	CONTACT: ADAM COSSICK NATIONAL BRANDS MANAGER - RETAIL T: 770.805.9466 C: 770.570.0011 ACOSSICK@NICHIHA.COM	EXTERIOR	G.C. PROVIDED LEAD TIME: 2 WEEKS
PT-01	PAINT - INTERIOR	SW 6246	COLOR: NORTH STAR FINISH: EGGSHELL		SHERWIN WILLIAMS PRODUCT HOTLINE T: 1.800.331.7979 WWW.SHERWINWILLIAMS.COM	CONTACT: DWIGHT LECLAIR SHERWIN WILLIAMS 2800 CENTURY PARKWAY NE, SUITE #1000 ATLANTA, GA 30345 T: 678.361.6108 C: 678.942.5377 DLECLAIR@SHERWIN.COM	PERIMETER WALLS	G.C. PROVIDED
PT-02	PAINT - INTERIOR FINISH	PRODUCT: SW PROMAR INDUSTRIAL PRE-CATALYZED WB EPOXY K45 SERIES MODEL#: SW 7005	COLOR: PURE WHITE FINISH: WALLS - EGGSHELL PAINT FINISH: DOOR FRAMES - SEMI GLOSS	300SF	SHERWIN WILLIAMS PRODUCT HOTLINE T: 1.800.331.7979 WWW.SHERWINWILLIAMS.COM	CONTACT: DWIGHT LECLAIR SHERWIN WILLIAMS 2800 CENTURY PARKWAY NE, SUITE #1000 ATLANTA, GA 30345 T: 678.361.6108 C: 678.942.5377 DLECLAIR@SHERWIN.COM	OUTSIDE OF OFFICE WALLS/ DOOR FRAMES	G.C. PROVIDED 2 COATS
PT-02	PAINT - PRIMER	PRODUCT: SW PROMAR 200 ZERO VOC INTERIOR LATEX PRIMER MODEL#: B28W2600	N/A	250SF - 300SF	SHERWIN WILLIAMS PRODUCT HOTLINE T: 1.800.331.7979 WWW.SHERWINWILLIAMS.COM	CONTACT: DWIGHT LECLAIR SHERWIN WILLIAMS 2800 CENTURY PARKWAY NE, SUITE #1000 ATLANTA, GA 30345 T: 678.361.6108 C: 678.942.5377 DLECLAIR@SHERWIN.COM	OUTSIDE OF OFFICE WALLS/ DOOR FRAMES	G.C. PROVIDED 1 COAT
PT-03	PAINT - WALLS	SW 6249	COLOR: STORM CLOUD FINISH: WALLS - EGGSHELL FINISH: DOOR FRAMES - SEMI GLOSS		SHERWIN WILLIAMS PRODUCT HOTLINE T: 1.800.331.7979 WWW.SHERWINWILLIAMS.COM	CONTACT: DWIGHT LECLAIR SHERWIN WILLIAMS 2800 CENTURY PARKWAY NE, SUITE #1000 ATLANTA, GA 30345 T: 678.361.6108 C: 678.942.5377 DLECLAIR@SHERWIN.COM	PERIMETER WALLS, BREAKROOM AND DOORS (REFER TO P/A900 DOOR SCHEDULE)	G.C. PROVIDED
PT-04	PAINT - INTERIOR	SW 6102	COLOR : PORTABELLO FINISH: EGGSHELL		SHERWIN WILLIAMS PRODUCT HOTLINE T: 1.800.331.7979 WWW.SHERWINWILLIAMS.COM	CONTACT: DWIGHT LECLAIR SHERWIN WILLIAMS 2800 CENTURY PARKWAY NE, SUITE #1000 ATLANTA, GA 30345 T: 678.361.6108 C: 678.942.5377 DLECLAIR@SHERWIN.COM	INSIDE BACK WRAP ALCOVES, PAINTED GYP. WALLS AND CEILINGS	G.C. PROVIDED
PT-05	NOT USED							
PT-06	NOT USED							
PT-07	NOT USED							
PT-08	NOT USED							
PT-09	PAINT - EXTERIOR	SW 6959	COLOR: BLUE CHIP FINISH: EXTERIOR PAINT		SHERWIN WILLIAMS PRODUCT HOTLINE T: 1.800.331.7979 WWW.SHERWINWILLIAMS.COM	CONTACT: DWIGHT LECLAIR SHERWIN WILLIAMS 2800 CENTURY PARKWAY NE, SUITE #1000 ATLANTA, GA 30345 T: 678.361.6108 C: 678.942.5377 DLECLAIR@SHERWIN.COM	EXTERIOR BUILDING	G.C. PROVIDED
PT-10	PAINT - EXTERIOR	SW 7648	COLOR: BIG CHILL FINISH: EXTERIOR PAINT		SHERWIN WILLIAMS PRODUCT HOTLINE T: 1.800.331.7979 WWW.SHERWINWILLIAMS.COM	CONTACT: DWIGHT LECLAIR SHERWIN WILLIAMS 2800 CENTURY PARKWAY NE, SUITE #1000 ATLANTA, GA 30345 T: 678.361.6108 C: 678.942.5377 DLECLAIR@SHERWIN.COM	EXTERIOR BUILDING	G.C. PROVIDED
PT-11	PAINT - EXTERIOR	SW 7650	COLOR: ELLIE GRAY FINISH: EXTERIOR PAINT		SHERWIN WILLIAMS PRODUCT HOTLINE T: 1.800.331.7979 WWW.SHERWINWILLIAMS.COM	CONTACT: DWIGHT LECLAIR SHERWIN WILLIAMS 2800 CENTURY PARKWAY NE, SUITE #1000 ATLANTA, GA 30345 T: 678.361.6108 C: 678.942.5377 DLECLAIR@SHERWIN.COM	EXTERIOR WALL SIDES AND REAR AND PAINTED ROOF COPPING	G.C. PROVIDED
PT-12	PAINT - EXTERIOR GRAY ACCENT	SW 7074	COLOR: SOFTWARE FINISH: EXTERIOR PAINT		SHERWIN WILLIAMS PRODUCT HOTLINE T: 1.800.331.7979 WWW.SHERWINWILLIAMS.COM	CONTACT: DWIGHT LECLAIR SHERWIN WILLIAMS 2800 CENTURY PARKWAY NE, SUITE #1000 ATLANTA, GA 30345 T: 678.361.6108 C: 678.942.5377 DLECLAIR@SHERWIN.COM	EXTERIOR PERIMETER ACCENT	G.C. PROVIDED
VT-01	LUXURY VINYL TILE	SURFACE 0515V	SEDIMENT 15595	18" X 36"	SHAW INDUSTRIES, INC. 616 E. WALNUT AVE DALTON, GA 30720 T:800.441.7429 WWW.SHAWCONTRACT.COM	CONTACT: JESSA FINNEGAN SHAW INDUSTRIES, INC. T: 404.558.1806 JESSA.FINNEGAN@SHAWINC.COM	SALES FLOOR -AISLE	OWNER PROVIDED
VT-02	LUXURY VINYL TILE	SURFACE 0515V	GRAVEL 15530	18" X 36"	SHAW INDUSTRIES, INC. 616 E. WALNUT AVE DALTON, GA 30720 T:800.441.7429 WWW.SHAWCONTRACT.COM	CONTACT: JESSA FINNEGAN SHAW INDUSTRIES, INC. T: 404.558.1806 JESSA.FINNEGAN@SHAWINC.COM	SALES FLOOR - FIELD	OWNER PROVIDED
VT-03	LUXURY VINYL TILE	EON + AMALGAM 4113V AMALGAM	ONYX 13555	20" X 20"	SHAW INDUSTRIES, INC. 616 E. WALNUT AVE DALTON, GA 30720 T:800.441.7429 WWW.SHAWCONTRACT.COM	CONTACT: JESSA FINNEGAN SHAW INDUSTRIES, INC. T: 404.558.1806 JESSA.FINNEGAN@SHAWINC.COM	RESTROOMS / BREAKROOM	OWNER PROVIDED
WB-01	WALL BASE	JOHNSONITE BASEWORKS	71 STORM CLOUD - TOE STYLE	4"	JOHNSONITE 30000 AURORA ROAD SOLON, OH 44139 T: 800.899.8916 F: 440.543.8920 WWW.JOHNSONITE.COM	CONTACT: STEPHANIE ELLIOTT TANDUS CENTIVA C: 404.998.2872 SBELLIOTT@TANDUS-CENTIVA.COM	PAINTED WALLS	OWNER PROVIDED

ROOM FINISH LEGEND								
CODE	DESCRIPTION	PRODUCT / MODEL #	COLOR / FINISH	SIZE / COVERAGE	MANUFACTURER	SOURCE	LOCATION	NOTES
WB-02	WALL BASE	JOHNSONITE BASEWORKS	TB1 PEPPERCORN - TOE LESS	4"	JOHNSONITE 30000 AURORA ROAD SOLON, OH 44139 T: 800.899.8916 F: 440.543.8920 WWW.JOHNSONITE.COM	CONTACT: STEPHANIE ELLIOTT TANDUS CENTIVA C: 404.998.2872 SBELLIOTT@TANDUS-CENTIVA.COM	WHEREVER WC-01 IS CALLED OUT	OWNER PROVIDED
WC-01	ENGINEERED WOOD	TERRAMAI - MC WALNUT	MC WALNUT ENGINEERED 5" FIP - POLY		TERRAMAI 8400 AGATE ROAD WHITE CITY, OR 957503 T: 541-973-2301 WWW.TERRAMAI.COM	CONTACT: KEVIN KOWAL TERRAMAI 717.598.3173		
ET-01	EDGE TRIM	SCHLUTER TRIM	LVT 340 EBRZ	12' LENGTHS	SHAW INDUSTRIES, INC. 616 E. WALNUT AVE DALTON, GA 30720 T:800.441.7429 WWW.SHAWCONTRACT.COM	CONTACT: JESSA FINNEGAN, SHAW INDUSTRIES, INC. T: 404.558.1806 JESSA.FINNEGAN@SHAWINC.COM	OFFICE, BACKWRAP AND ALCOVE	OWNER PROVIDED
ET-02	EDGE TRIM	SCHLUTER TRIM	AE 30	8' LENGTHS	SHAW INDUSTRIES, INC. 616 E. WALNUT AVE DALTON, GA 30720 T:800.441.7429 WWW.SHAWCONTRACT.COM	CONTACT: JESSA FINNEGAN, SHAW INDUSTRIES, INC. T: 404.558.1806 JESSA.FINNEGAN@SHAWINC.COM	OFFICE, BACKWRAP AND ALCOVE	OWNER PROVIDED
SF-01	EXTERIOR STOREFRONT FRAMING AND GLAZING		FINISH TO MATCH EXISTING					SEE DOOR & HARDWARE SCHEDULE, A900

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STAMP

REVISIONS		
No.	DATE	DESCRIPTION

CLIENT INFORMATION
Aaron's
 400 GALLERIA PARKWAY, SUITE 300
 ATLANTA, GA 30339
 PHONE NUMBER: (678) 402-3000

PROJECT NAME
AARON'S C0573 / C0618
 29850 - 29900 LAKESHORE BLVD
 WILLOWICK, OH 44095

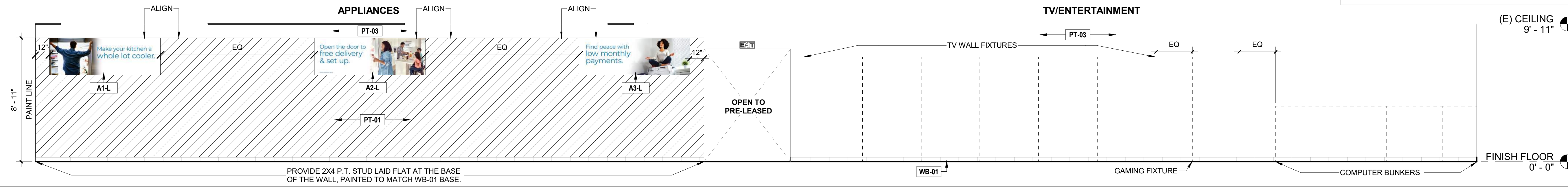
SHEET NAME
FINISH SCHEDULES

DRAWN _____ CHECKED _____
 DATE _____ E.N. _____
 SCALE _____
 PROJECT NUMBER _____
 SHEET _____

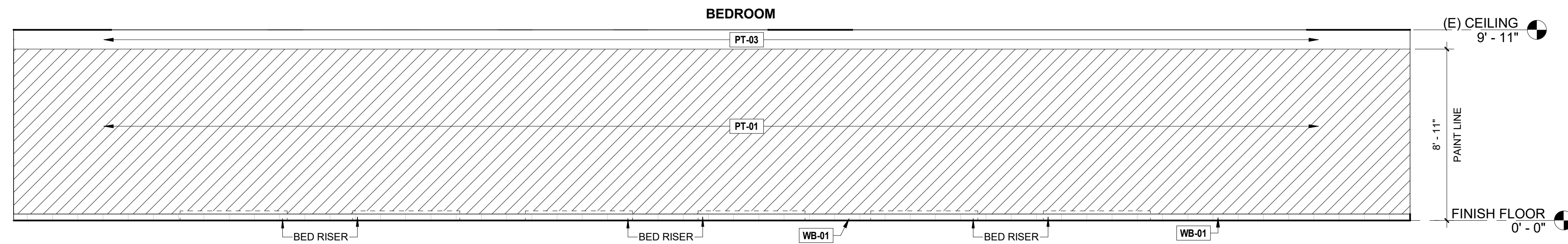
A155

GENERAL ELEVATION NOTES

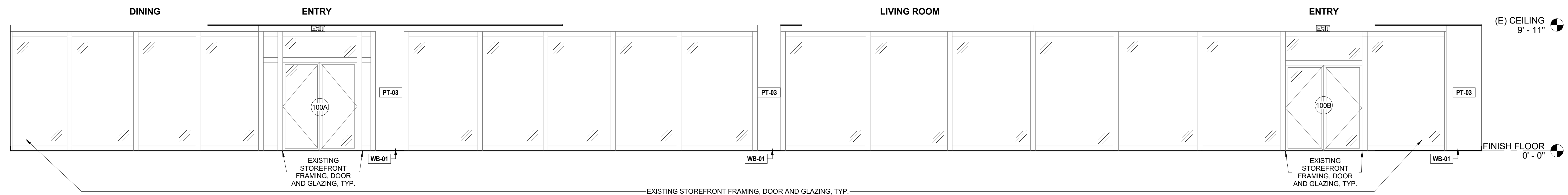
1. CONSTRUCTION DIMENSIONS ARE FROM FINISH FACE TO FINISH FACE.
2. FIXTURE DIMENSIONS ARE FROM FACE OF FINISH WALL TO FACE OF FINISH WALL.
3. ALL FIXTURES AND SALES COUNTERS ARE SHOWN FOR REFERENCE ONLY.



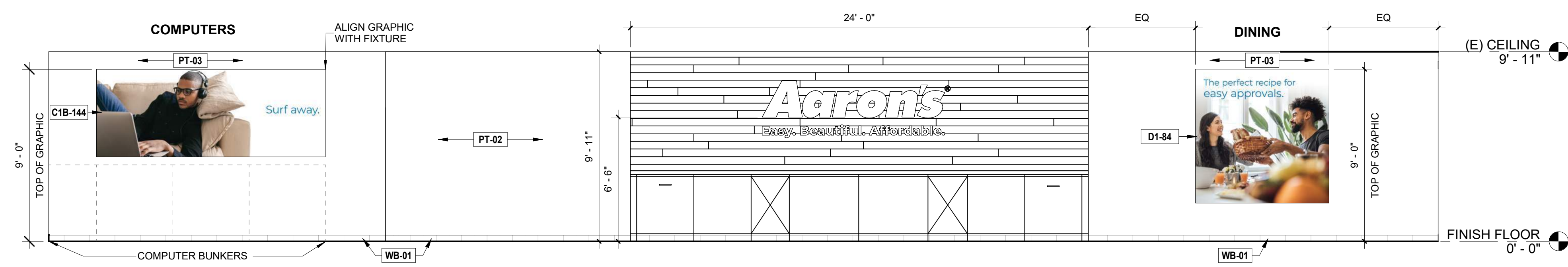
INTERIOR ELEVATION - SHOWROOM - WEST Scale 1/4" = 1'-0" 4



INTERIOR ELEVATION - SHOWROOM - SOUTH Scale 1/4" = 1'-0" 3



INTERIOR ELEVATION - SHOWROOM - EAST Scale 1/4" = 1'-0" 2



INTERIOR ELEVATION - SHOWROOM - NORTH Scale 1/4" = 1'-0" 1

KD
Kinetic Design
28833 Santa Margarita Pkwy, Suite 300
Rancho Santa Margarita, CA 92688
Main: 951.710.6334 Web: kineticdesign.build
Email: info@kineticdesign.build

STATE OF OHIO
JOHN C SCHNEIDER
ARC. 1215624
REGISTERED ARCHITECT

STAMP

REVISIONS		
No.	DATE	DESCRIPTION

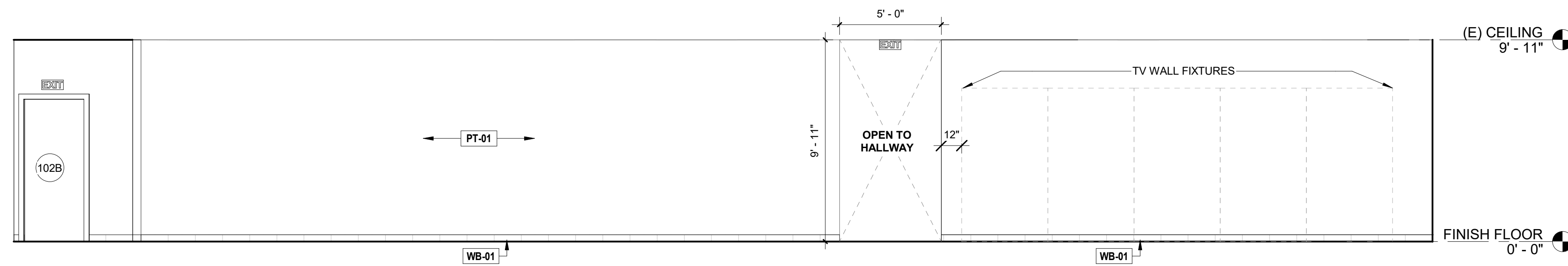
CLIENT INFORMATION
Aaron's
400 GALLERIA PARKWAY, SUITE 300
ATLANTA, GA 30339
PHONE NUMBER: (678) 402-3000

PROJECT NAME
AARON'S C0573 / C0618
29850 - 29900 LAKESHORE BLVD
WILLOWICK, OH 44095
SHEET NAME
INTERIOR ELEVATIONS

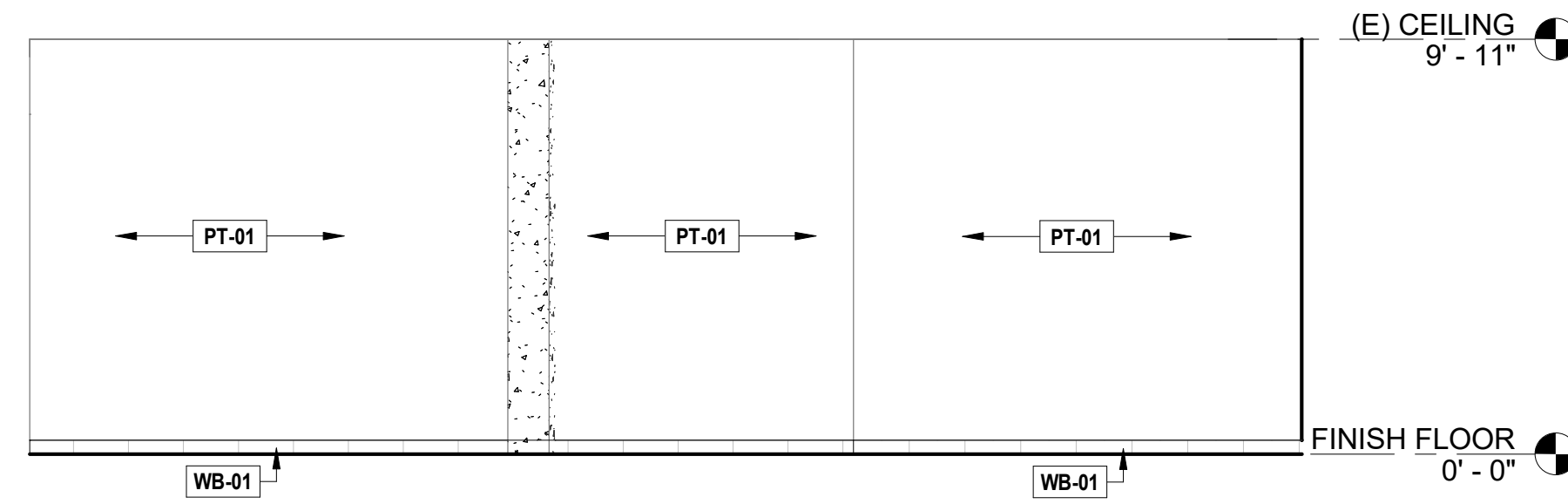
DRAWN	E.N.	CHECKED
DATE		03/07/23
SCALE		AS NOTED
PROJECT NUMBER		
SHEET		

A160

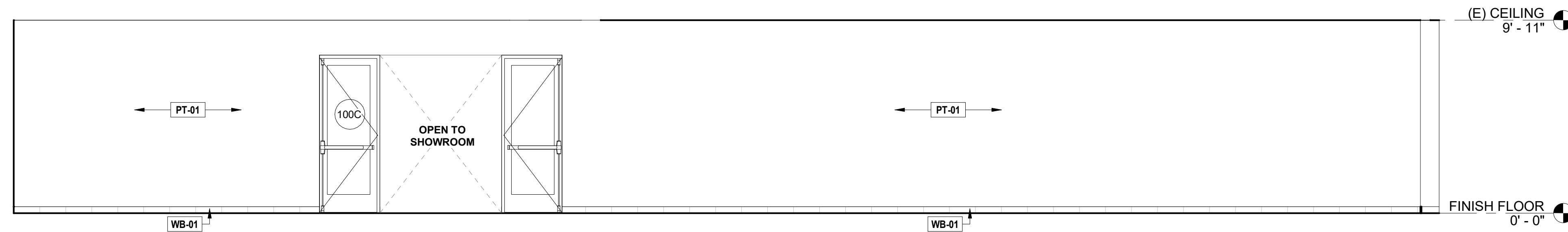
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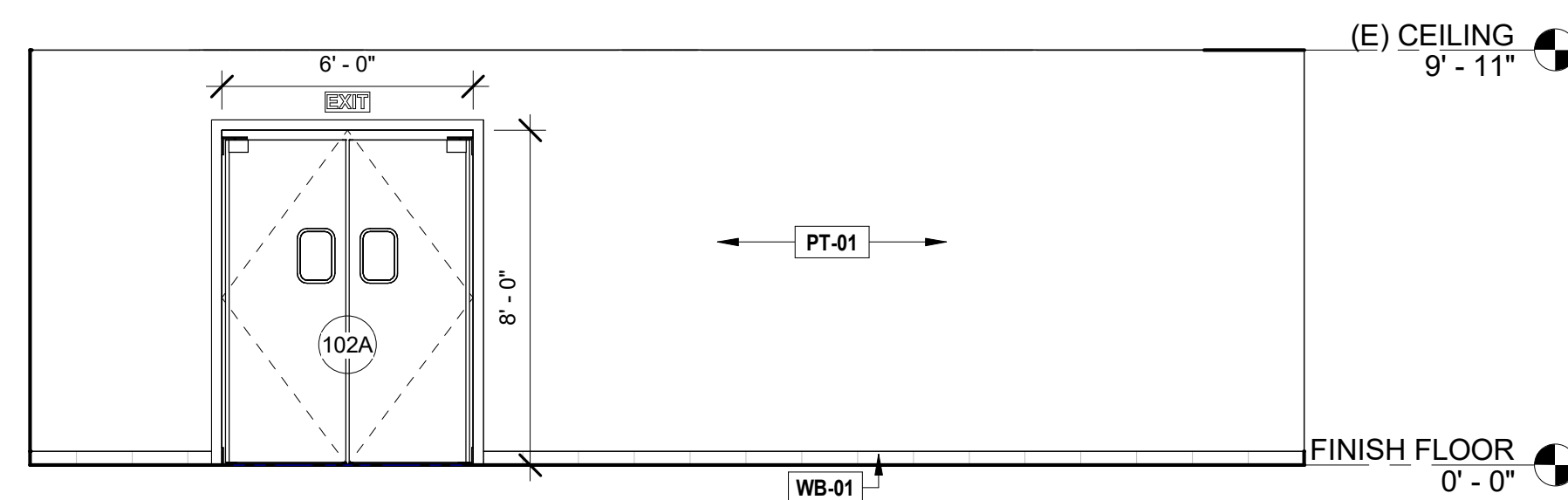
INTERIOR ELEVATION - PRE-LEASED - WEST Scale 1/4" = 1'-0" 4



INTERIOR ELEVATION - PRE-LEASED - SOUTH Scale 1/4" = 1'-0" 3



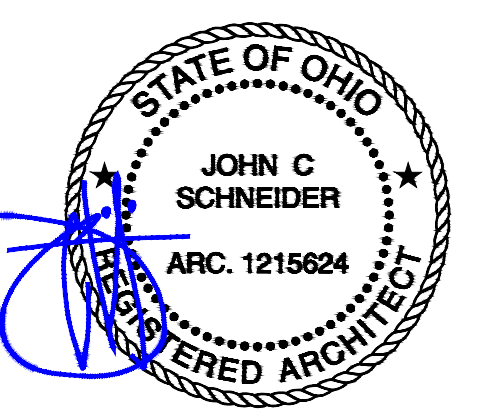
INTERIOR ELEVATION - PRE-LEASED - EAST Scale 1/4" = 1'-0" 2



INTERIOR ELEVATION - PRE-LEASED - NORTH Scale 1/4" = 1'-0" 1

GRAPHICS SCHEDULE

DEPARTMENT	TAG	NAME	DIMENSIONS
APPLIANCES	A1-L	WHOLE LOT COOLER	96" x 32"
	A1-R	WHOLE LOT COOLER	96" x 32"
	A2-L	OPEN THE DOOR	96" x 32"
	A2-R	OPEN THE DOOR	96" x 32"
	A3-L	LOW MONTHLY PAYMENT	96" x 32"
	A3-R	LOW MONTHLY PAYMENT	96" x 32"
	A4-L	PILES OF SMILES	96" x 32"
	A4-R	PILES OF SMILES	96" x 32"
	AF1-L	A LOT SWEETER	75" x 105"
	AF1-R	A LOT SWEETER	75" x 105"
AF2-L	THE CURE	75" x 105"	
AF2-R	THE CURE	75" x 105"	
BEDROOM & SLEEP CENTER	B1-84	DRAGONS	84" x 84"
	B1-72	DRAGONS	72" x 72"
	B1-32	DRAGONS	96" x 32"
	B2-84	SNOOZE	84" x 84"
	B2-72	SNOOZE	72" x 72"
	B2-32	SNOOZE	96" x 32"
	BF2-L	SNOOZE	75" x 105"
	BF2-R	SNOOZE	75" x 105"
	B3-84	EASY APPROVALS	84" x 84"
	B3-32	EASY APPROVALS	96" x 32"
	B4-84	GOT YOU COVERED	84" x 84"
	B4-72	GOT YOU COVERED	72" x 72"
	B4-32	GOT YOU COVERED	96" x 32"
	B5-84	LIFE OUTGROWN	84" x 84"
B5-72	LIFE OUTGROWN	72" x 72"	
B5-32	LIFE OUTGROWN	96" x 32"	
COMPUTERS	C1A-192	SURF AWAY (67" HEIGHT)	192" x 67"
	C1A-144	SURF AWAY (67" HEIGHT)	144" x 67"
	C1A-96	SURF AWAY (67" HEIGHT)	96" x 67"
	C1A-32	SURF AWAY (32" HEIGHT)	96" x 32"
	C1B-192	SURF AWAY (55" HEIGHT)	192" x 55"
	C1B-144	SURF AWAY (55" HEIGHT)	144" x 55"
	C1B-96	SURF AWAY (55" HEIGHT)	96" x 55"
	C2A-192	LONG-TERM COMMITMENT (67" HEIGHT)	192" x 67"
	C2A-144	LONG-TERM COMMITMENT (67" HEIGHT)	144" x 67"
	C2A-96	LONG-TERM COMMITMENT (67" HEIGHT)	96" x 67"
C2A-32	LONG-TERM COMMITMENT (32" HT)	96" x 32"	
C2B-192	LONG-TERM COMMITMENT (55" HEIGHT)	192" x 55"	
C2B-144	LONG-TERM COMMITMENT (55" HEIGHT)	144" x 55"	
C2B-96	LONG-TERM COMMITMENT (55" HEIGHT)	96" x 55"	
DINING	D1-84	EASY APPROVALS	84" x 84"
	D1-72	EASY APPROVALS	72" x 72"
	D2-84	MEAL MEMORIES	84" x 84"
	D2-72	MEAL MEMORIES	72" x 72"
	LR1-84	ADD LIFE	84" x 84"
	LR1-72	ADD LIFE	72" x 72"
LIVING ROOM	LR2-84	RELAX, RECLINE, REWIND	84" x 84"
	LR2-72	RELAX, RECLINE, REWIND	72" x 72"
	LR3-84	FASHIONABLE FURNISHINGS	84" x 84"
	LR3-72	FASHIONABLE FURNISHINGS	72" x 72"
	LR4-84	FLEXIBLE PAYMENTS	84" x 84"
	LR4-72	FLEXIBLE PAYMENTS	72" x 72"
	LR5-84	HOMEWORK HERO	84" x 84"
	LR5-72	HOMEWORK HERO	72" x 72"
	LR6-84	WHERE YOU PLAY	84" x 84"
	LR6-72	WHERE YOU PLAY	72" x 72"
LR7-84	CREATE A SPACE	84" x 84"	
LR7-72	CREATE A SPACE	72" x 72"	
PRE-LEASED AREA	PL1-BLUE	SAY HELLO	88.85" x 24.5"
	PL1-WHITE	SAY HELLO	88.85" x 24.5"
	PL2-BLUE	READY TO GO	134.67" x 72"
	PL2-WHITE	READY TO GO	134.67" x 72"
	PL3-BLUE	MIX. MATCH. MARVEL	24.5" x 120"
PL3-WHITE	MIX. MATCH. MARVEL	24.5" x 120"	
SUPPLEMENTAL	PL-4	PRE-LEASED SAVING (PILLOW KIT)	
	V1	OFFICE WALL VINYL	GM OFFICE VINYL
	V2	DOOR VINYL	DOOR VINYL
	V3	WINDOW VINYL	WINDOW VINYL
	AV1	APOSTROPHE VINYL (PERIMETER APOSTROPHE)	48" H
	AV2	APOSTROPHE VINYL (PERIMETER APOSTROPHE)	36" H
	AV3	APOSTROPHE VINYL (PERIMETER APOSTROPHE)	24" H
	H1	MR. AARON - RENTS FURNITURE	
	H2	AARON RENTS	
	H3	AARON RENTS INC.	45.75" x 34.25"



STAMP

No.	DATE	DESCRIPTION

REVISIONS

No.	DATE	DESCRIPTION

CLIENT INFORMATION
Aaron's
 400 GALLERIA PARKWAY, SUITE 300
 ATLANTA, GA 30339
 PHONE NUMBER: (678) 402-3000

PROJECT NAME
AARON'S C0573 / C0618
 29850 - 29900 LAKESHORE BLVD
 WILLOWICK, OH 44095
 SHEET NAME
INTERIOR ELEVATIONS

DRAWN	E.N.	CHECKED
DATE		03/07/23
SCALE		AS NOTED
PROJECT NUMBER		
SHEET		

A161

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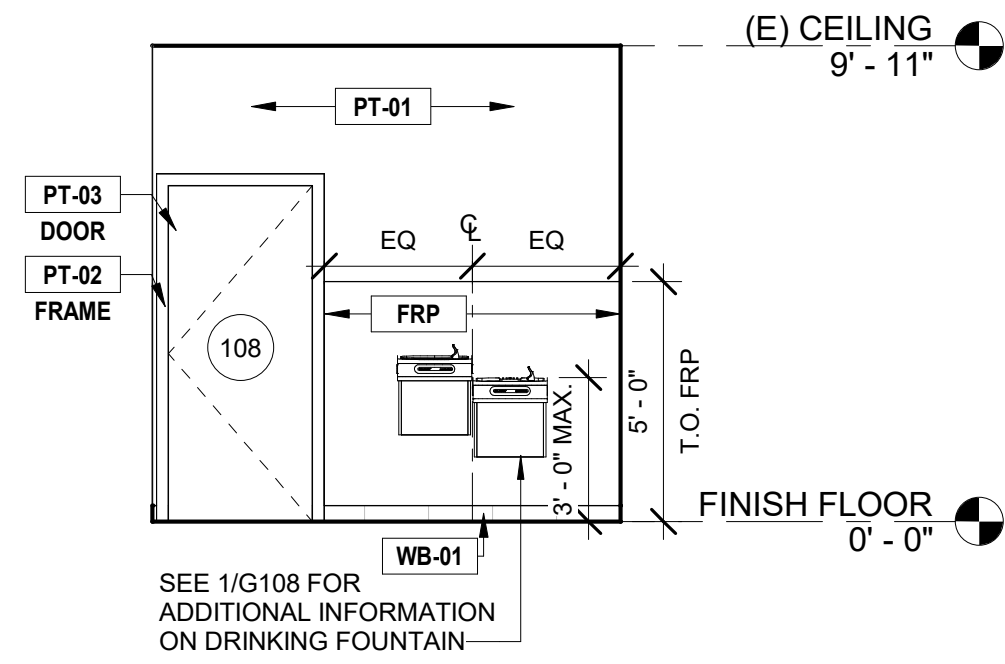
ACCESSORIES SCHEDULE

#	ITEM	MANUFACTURER	MODEL
1	MIRROR	BOBRICK	B-165-1624
2	GRAB BARS	BOBRICK	B-6806
3	PAPER TOWEL DISPENSER	BOBRICK	B-262
4	TOILET PAPER DISPENSER	BOBRICK	B-2740
5	PIPE GUARDS	TRUEBRO	LAV GUARD 2
6	SOAP DISPENSER	BOBRICK	B-211, OR APPROVED EQUAL

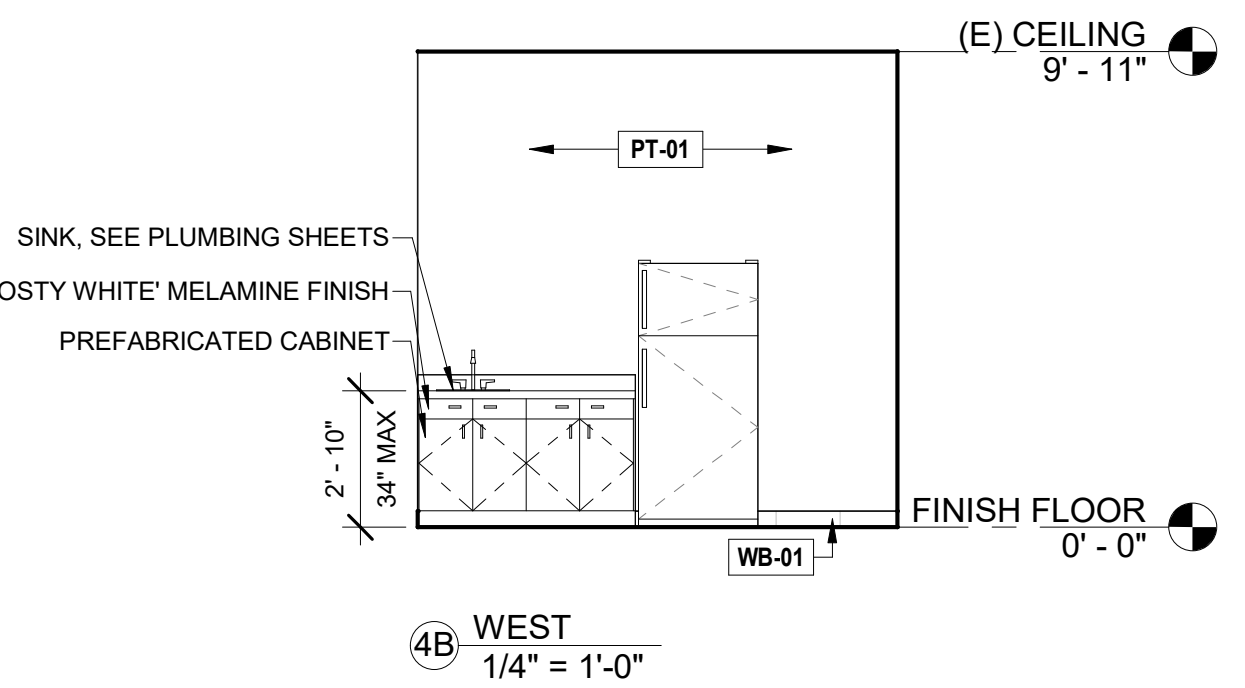
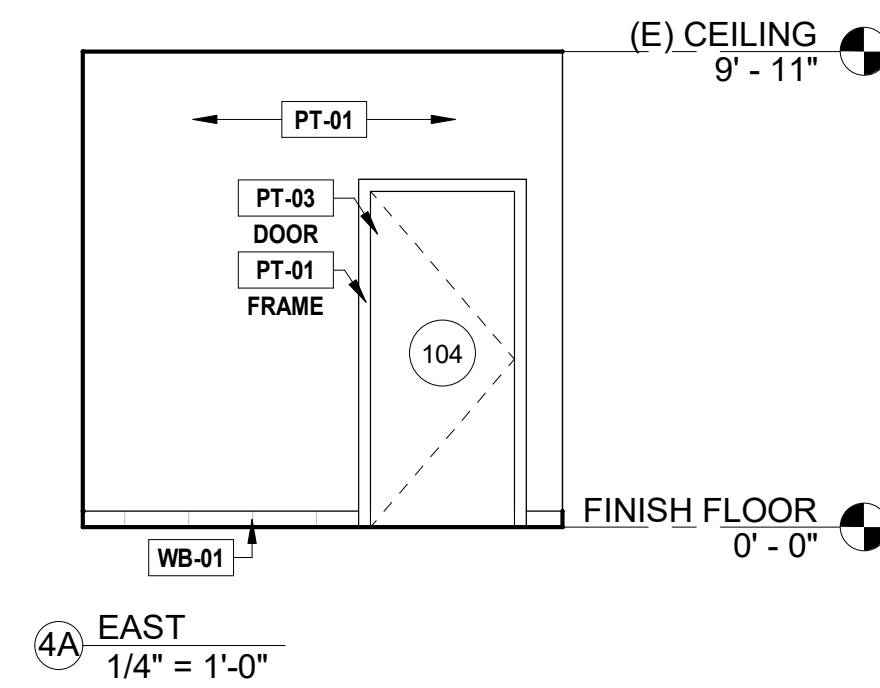
GENERAL NOTES:

- (SIGNAGE FOR RESTROOMS) SHALL BE RAISED AND BRAILLE CHARACTERS AND PICTORIAL SYMBOL SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR. WHERE THERE IS NO WALL SPACE TO THE LATCH SIDE OF THE DOOR, INCLUDING AT DOUBLE LEAF DOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL. MOUNTING HEIGHTS SHALL BE 60 INCHES ABOVE THE FINISHED FLOOR TO THE CENTERLINE OF THE SIGN.
- PROVIDE 2X WOOD BLOCKING BETWEEN STUDS FOR ALL TOILET ROOM ACCESSORIES.
- EXISTING PLUMBING FIXTURES AND ACCESSORIES TO REMAIN/RELOCATED AND BE CLEANED TO LIKE NEW CONDITION. PROVIDE NEW ACCESSORIES IF CANNOT BE CLEANED TO LIKE NEW CONDITION. COORDINATE WITH AARON'S CONSTRUCTION MANAGER.

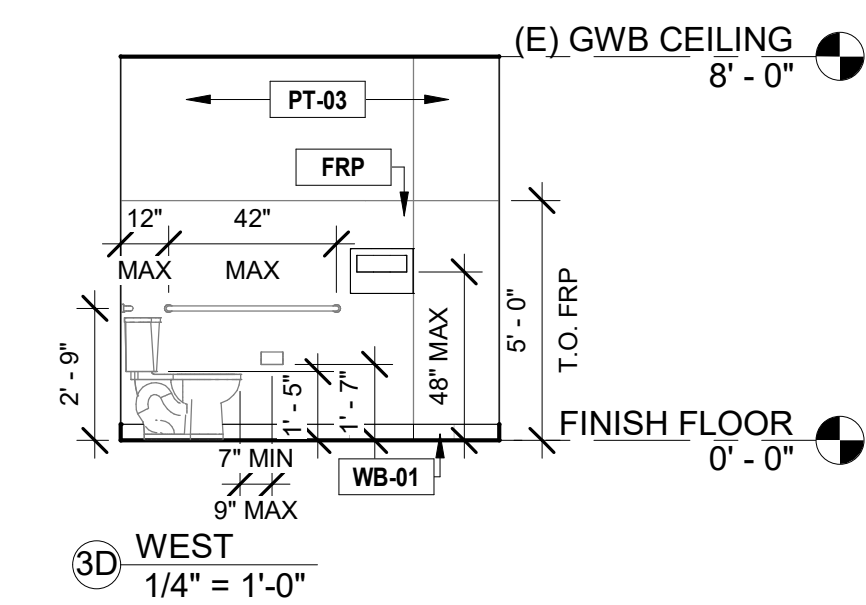
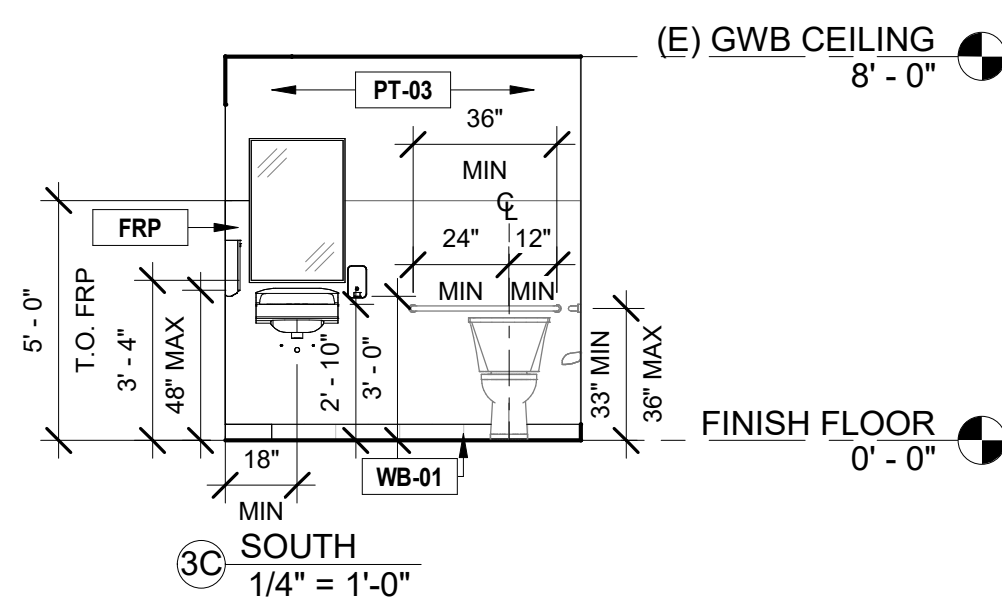
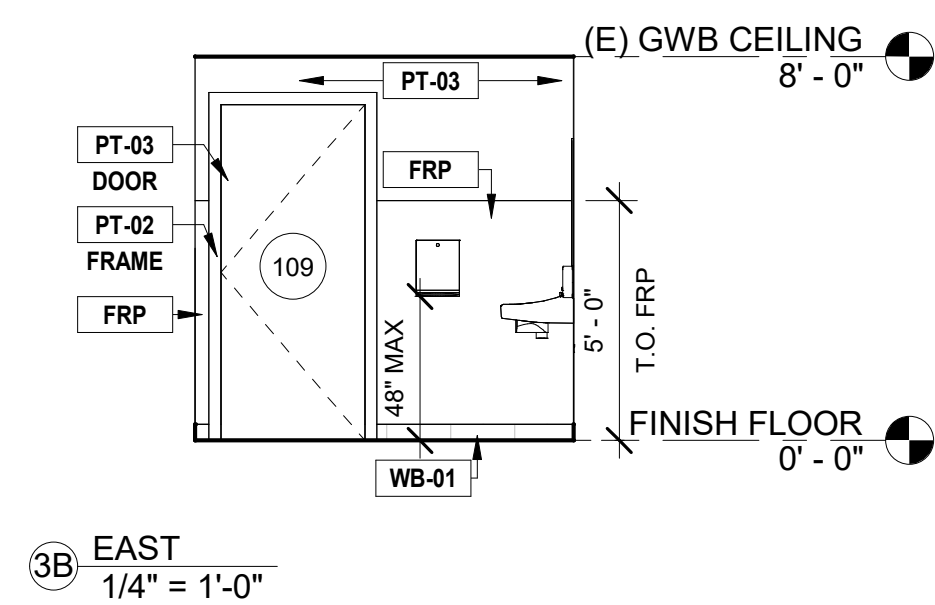
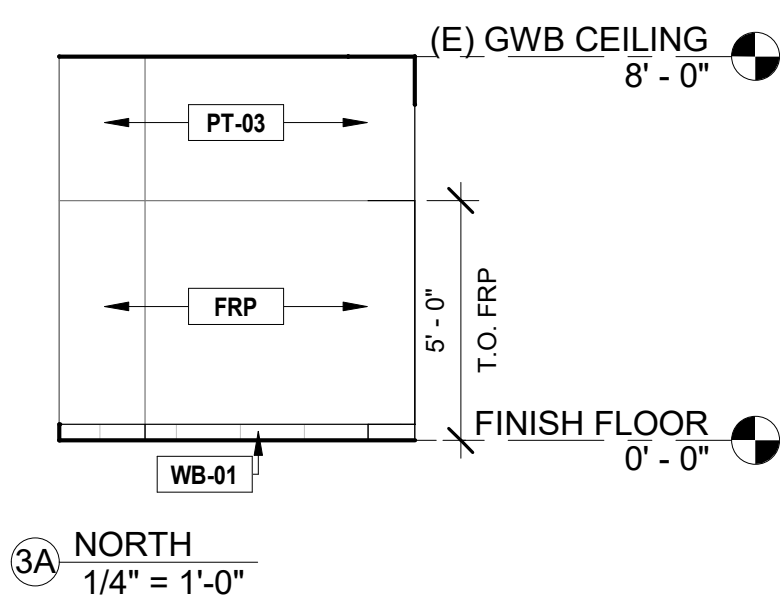
ACCESSORIES SCHEDULE (FOR REFERENCE ONLY) Scale NTS 6



DRINKING FOUNTAIN AT HALLWAY Scale 1/4" = 1'-0" 5



INTERIOR ELEVATION - BREAKROOM Scale 1/4" = 1'-0" 4



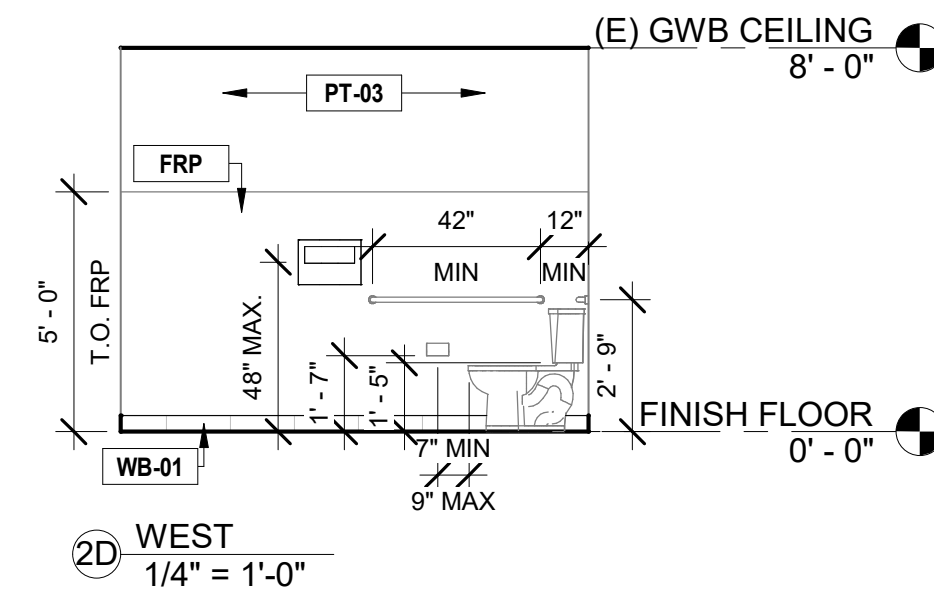
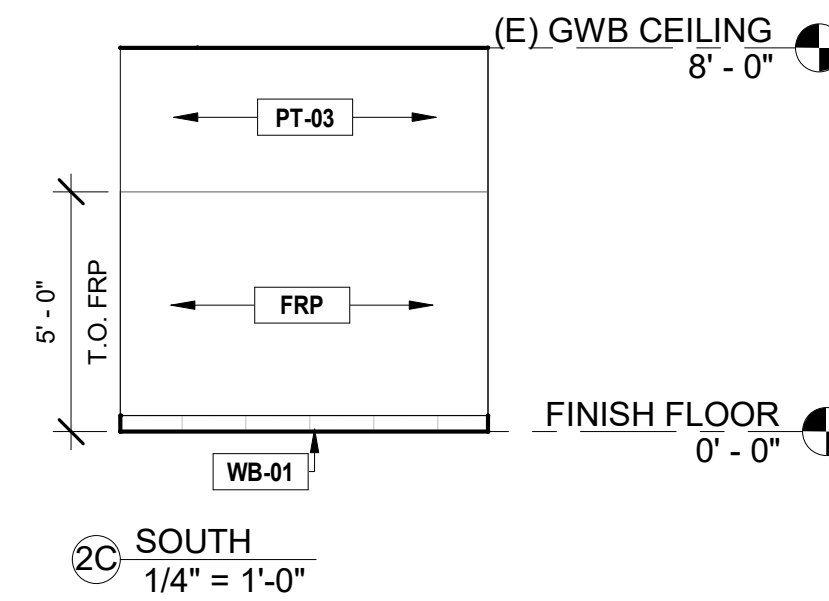
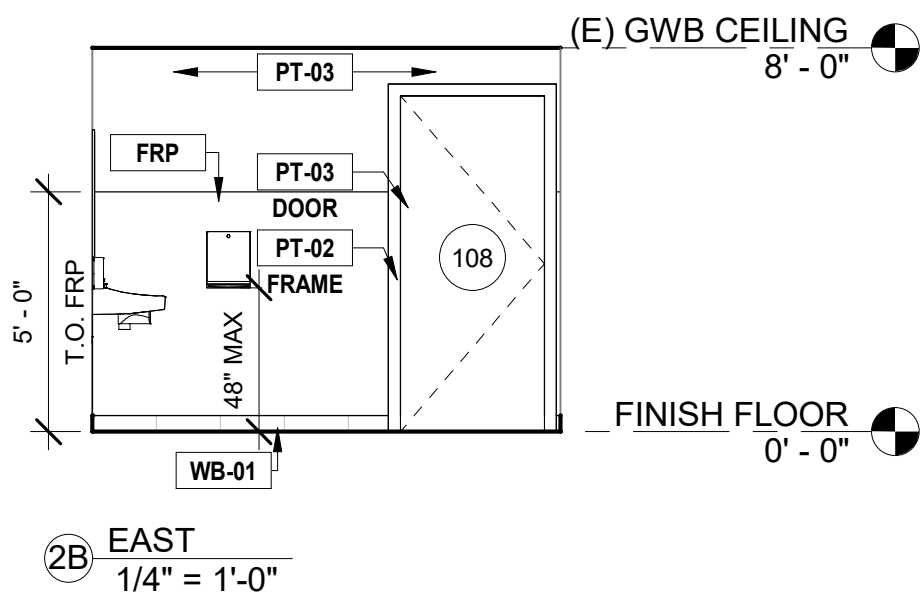
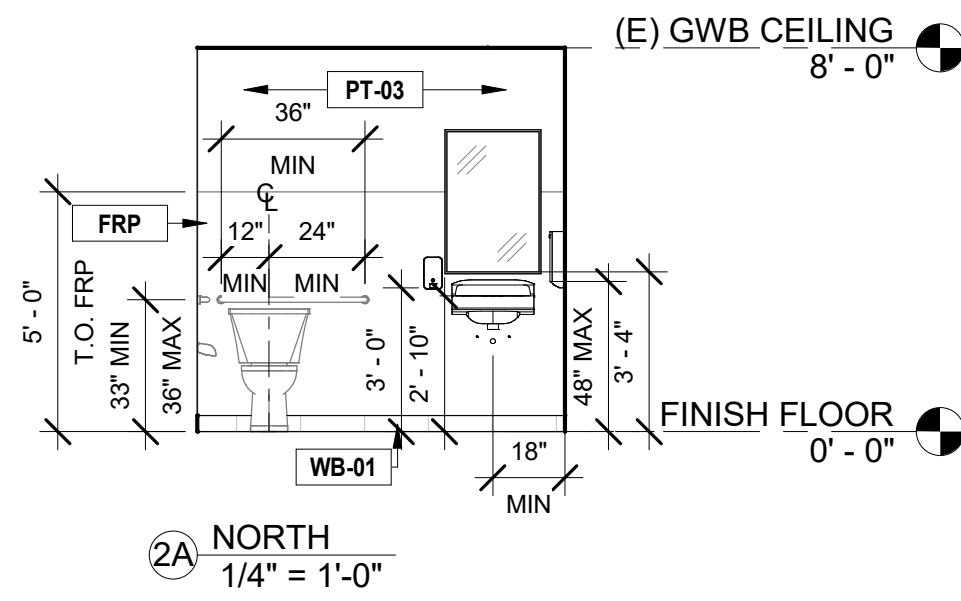
3A NORTH 1/4" = 1'-0"

3B EAST 1/4" = 1'-0"

3C SOUTH 1/4" = 1'-0"

3D WEST 1/4" = 1'-0"

INTERIOR ELEVATION - MEN'S RESTROOM Scale 1/4" = 1'-0" 3



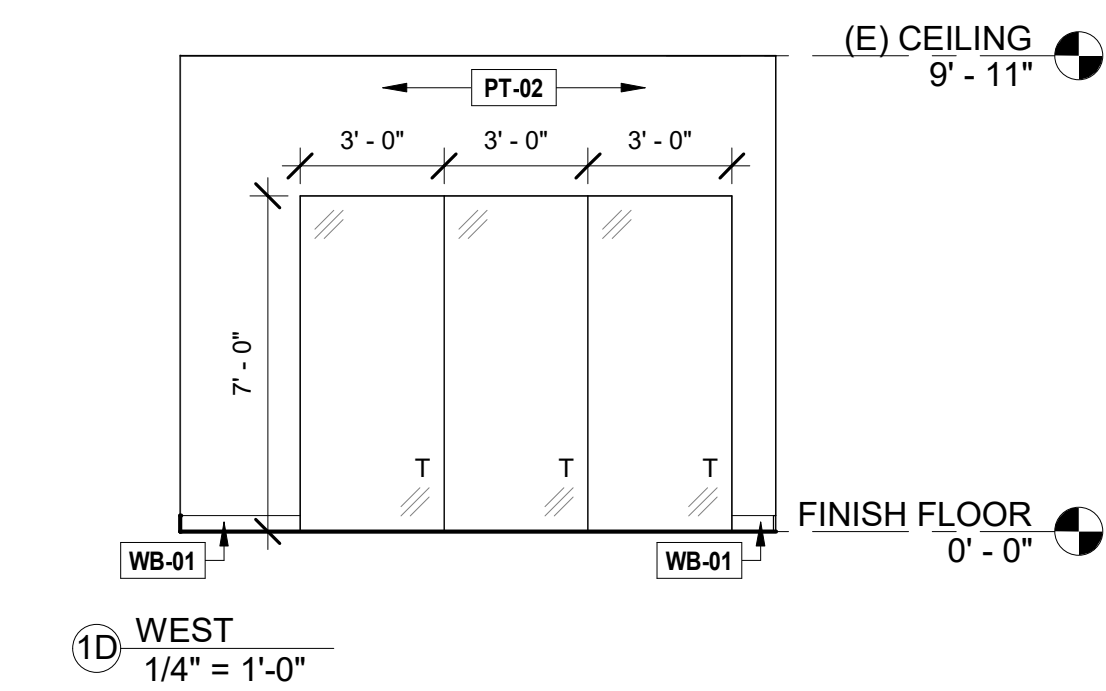
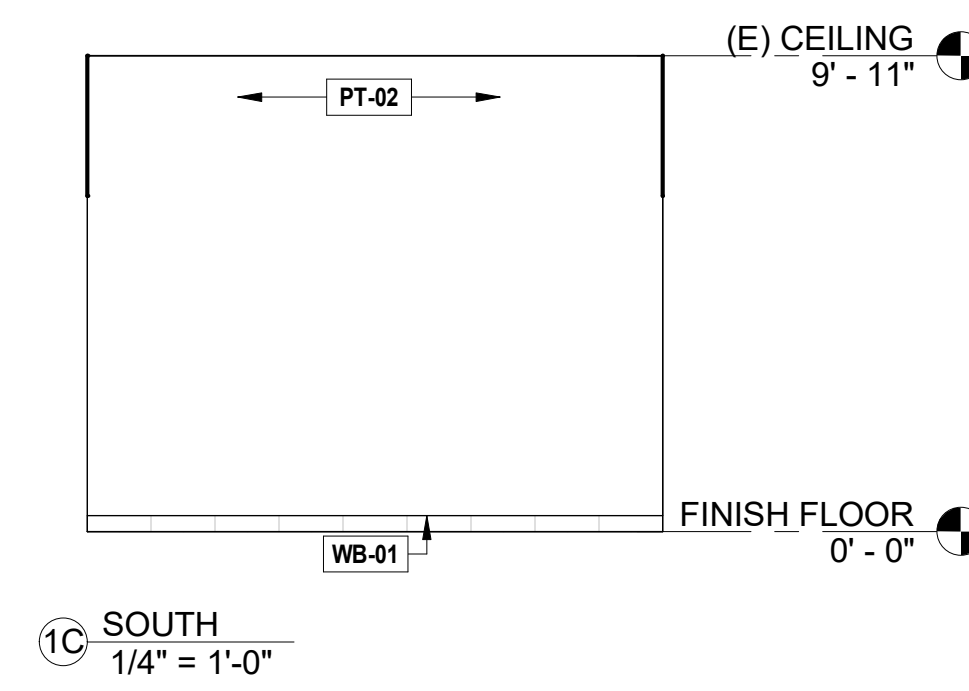
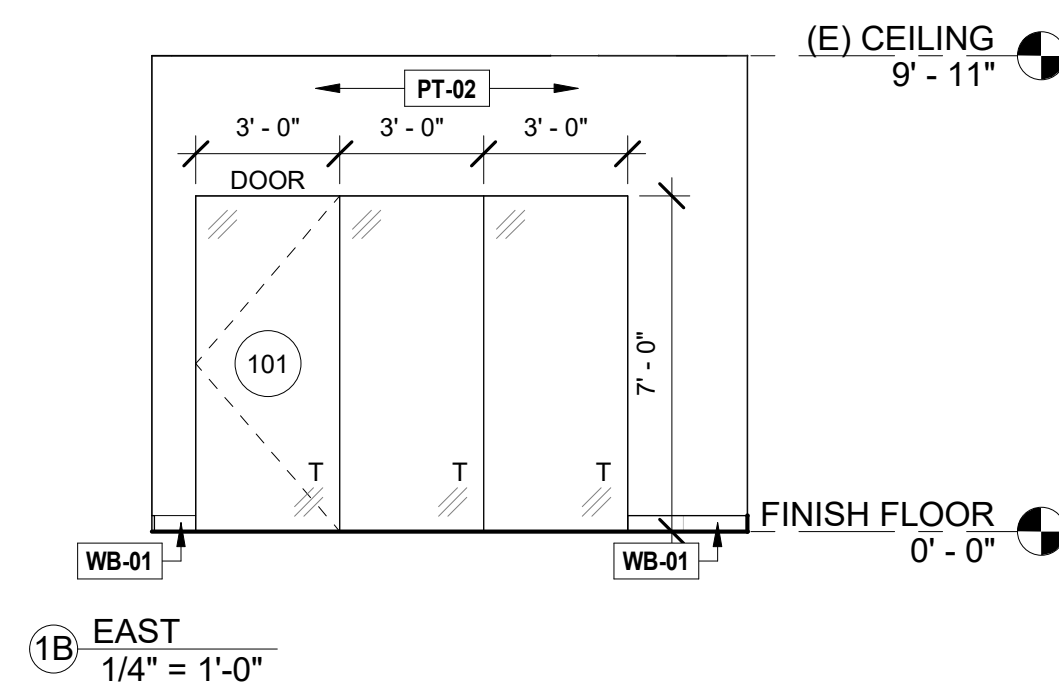
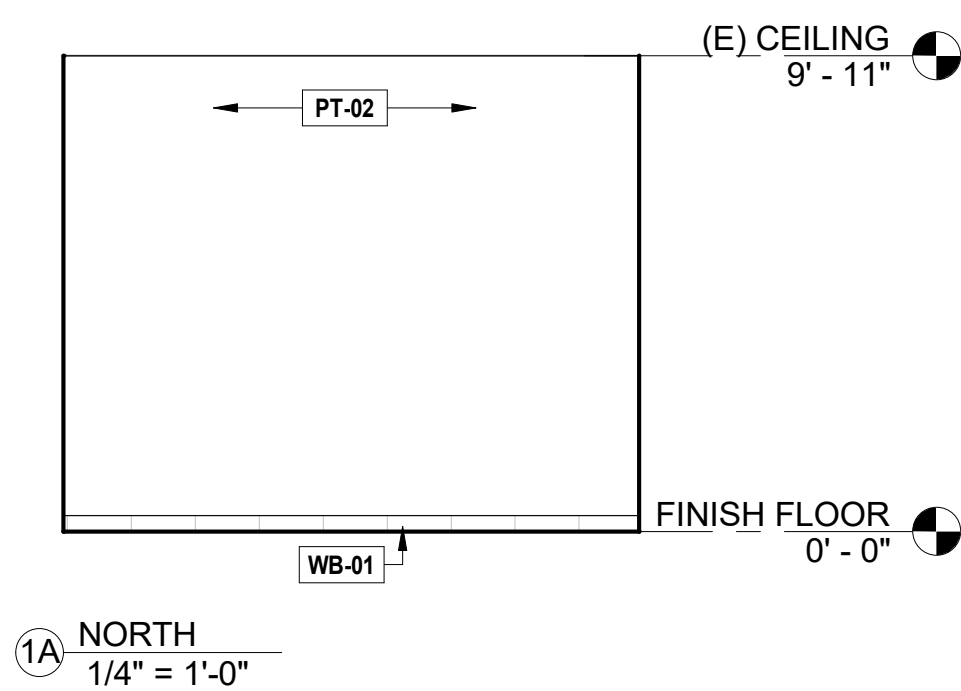
2A NORTH 1/4" = 1'-0"

2B EAST 1/4" = 1'-0"

2C SOUTH 1/4" = 1'-0"

2D WEST 1/4" = 1'-0"

INTERIOR ELEVATION - WOMEN'S RESTROOM Scale 1/4" = 1'-0" 2



1A NORTH 1/4" = 1'-0"

1B EAST 1/4" = 1'-0"

1C SOUTH 1/4" = 1'-0"

1D WEST 1/4" = 1'-0"

INTERIOR ELEVATION - GM OFFICE Scale 1/4" = 1'-0" 1

KD
Kinetic Design
29833 Santa Margarita Pkwy, Suite 300
Rancho Santa Margarita, CA 92688
Main: 951.710.6334 Web: kineticdesign.build
Email: info@kineticdesign.build

STATE OF OHIO
JOHN C SCHNEIDER
ARC. 1215624
REGISTERED ARCHITECT

STAMP

REVISIONS		
No.	DATE	DESCRIPTION

CLIENT INFORMATION

Aaron's
400 GALLERIA PARKWAY, SUITE 300
ATLANTA, GA 30339
PHONE NUMBER: (678) 402-3000

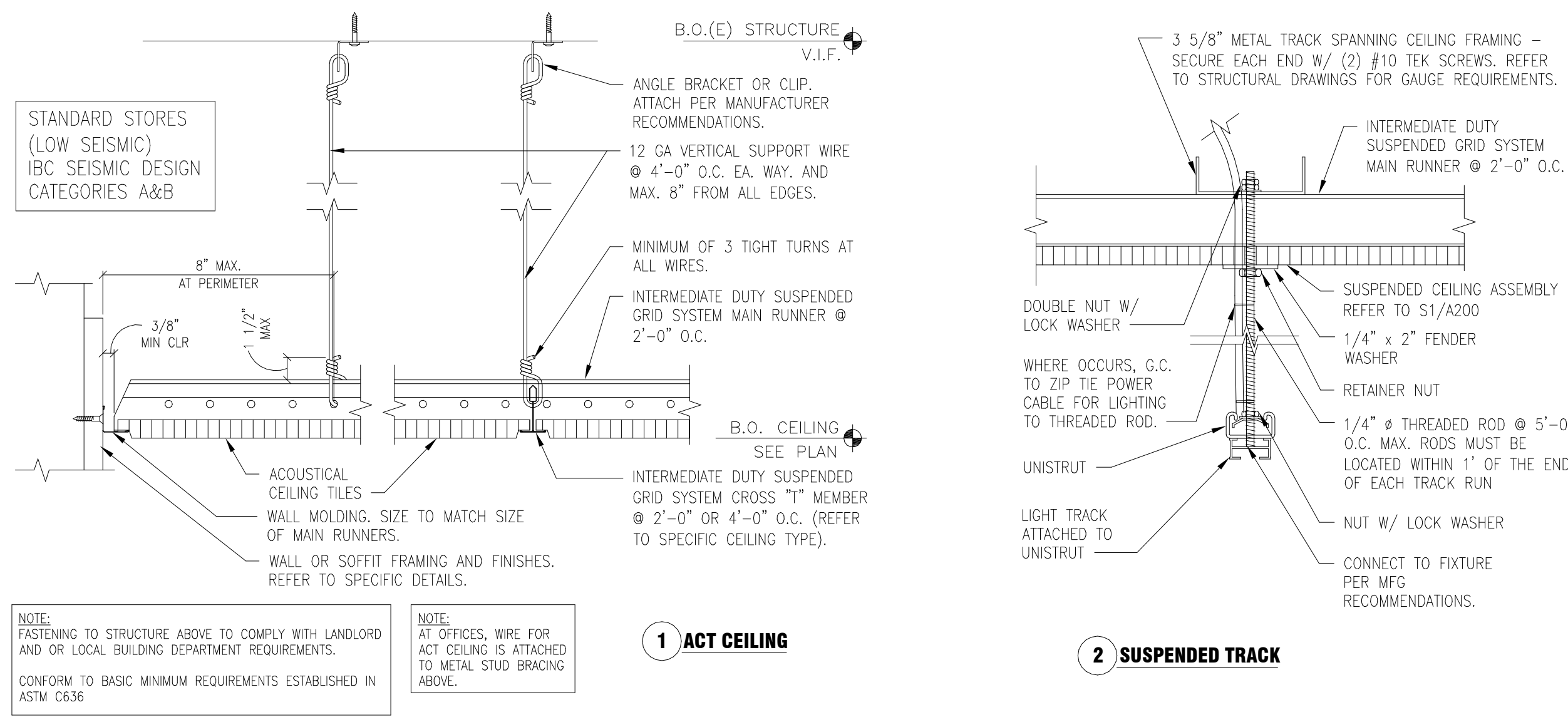
PROJECT NAME
AARON'S C0573 / C0618
29850 - 29900 LAKESHORE BLVD
WILLOWICK, OH 44095

SHEET NAME
INTERIOR ELEVATIONS

DRAWN	CHECKED
DATE	03/07/23
SCALE	AS NOTED
PROJECT NUMBER	
SHEET	

A162

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KEYNOTES

#	KEYNOTE DESCRIPTION
1	NEW TRACK LIGHTING TO BE INSTALLED.
2	NEW CEILING TILES AND GRIDS TO BE ADDED.
3	NEW GWB. CEILING TO BE ADDED, MATCH EXISTING.
4	NEW CEILING LIGHT TO BE INSTALLED.
5	EXISTING HVAC UNITS TO REMAIN. GC TO ENSURE GOOD WORKING ORDER. NOTIFY AARON'S CONSTRUCTION MANAGER IMMEDIATELY IF OTHERWISE. EXISTING HVAC SUPPLY AND RETURN AIR DIFFUSERS TO REMAIN AND BE CLEANED.
6	ENSURE REMAINING WALL SOFFIT HEIGHT IS IN LINE WITH THE (E) ACOUSTICAL CEILING TILE ON BOTH SIDES.
7	NEW EXIT SIGN TO BE INSTALLED.
8	REFER TO DETAIL ON 1/A901 FOR ANY PENETRATION THROUGH FIRE BARRIER.
9	PROVIDE PLYWOOD CEILING IN SECURITY / SERVER ROOM.

- ### GENERAL CEILING PLAN NOTES
- EMERGENCY LIGHTS TO BE INSTALLED ON SEPARATE CIRCUIT.
 - ALL LIGHT FIXTURES INCLUDING EXIT LIGHTS, EMERGENCY LIGHTS, ETC., SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR.
 - ALL FINISHING AND PAINTING REQUIREMENTS SHALL BE DIRECTED TO THE FINISH SCHEDULE SPECIFICATIONS AND INTERIOR ELEVATIONS.
 - CONTRACTOR TO USE LASER FOR LEVELING OF ALL SOFFITS, CEILINGS AND SUSPENDED GRIDS.
 - DIFFUSERS AND LIGHTS TO HAVE HANG WIRES ON ALL FOUR CORNERS
 - ALL FIRE DAMPERS MUST BE IDENTIFIED BY A STICKER INSTALLED ON CEILING BELOW. DUCT FIRE DAMPER MUST BE INSTALLED WITH A BREAKAWAY CONNECTION PLENUM THAT CANNOT CONTAIN ANY COMBUSTIBLES.
 - GENERAL CONTRACTOR TO INSTALL ACCESS DOORS AS NECESSARY AND CONFIRM EXACT LOCATIONS. ACCESS PANEL MUST BE FLUSH, FRAMELESS GYPSUM PANELS IN SALES AREA. G.C. MUST PROVIDE AN ALLOWANCE FOR ACCESS PANELS IN BID.
 - ALL LIGHTING SHOULD BE IN WORKING ORDER AND ALL COVERS / LENSES IN PLACE.
 - GENERAL CONTRACTOR SHALL COMPLY WITH CURRENT STATE ENERGY CODES.
 - GENERAL CONTRACTOR TO VERIFY FIRE ALARM REQUIREMENTS AND NOTIFY ARCHITECT AS SOON AS POSSIBLE OF ANY DISCREPANCIES.
 - FIRE ALARM, FIRE STROBE, FIRE PULL SHALL BE BY OTHERS ON A SEPARATE SUBMITTAL.
 - REFLECTED CEILING PLAN REPRESENTS IDEAL DESIGN. VERIFY CONDITIONS IN FIELD AND COORDINATE ANY LAYOUT CONFLICTS WITH AARON'S DESIGN TEAM. TYPICAL IS (1) 2'x4' FIXTURE PER 120-140 SQ.FT. OF SALES. EXISTING FLUORESCENT LIGHTS TO BE RE-USED SHALL BE RETRO FITTED WITH LED KITS OR MUST BE T-8 MAX 28 WATT 3 LIGHTS FIXTURES WITH HIGH EFFICIENCY ELECTRONIC BALLASTS (SEE LIGHT SPECIFICATIONS)
 - REPAIR LIGHTING AS NECESSARY TO MAKE OPERATIONAL

SUSPENDED CEILING DETAILS Scale 3/8" = 1'-0" 2



REFLECTED CEILING PLAN Scale 1/8" = 1'-0" 1

LEGEND

ROOM NAME	ROOM TAG
####	ROOM TAG
#	KEYNOTE TAG
(N) 2'x2' ACOUSTICAL TILE CEILING ON SUSPENSION SYSTEM. SEE DETAIL THIS SHEET. NEW R-11 BATT INSULATION TO BE PROVIDED ON TOP OF CEILING TILES, TYP.	
(E) 2'x2' ACOUSTICAL TILE CEILING IN EXISTING SUSPENDED ACT GRID.	
(E) GYPSUM WALL BOARD ON METAL STUD JOISTS TO REMAIN	
(N) GYPSUM WALL BOARD ON METAL STUD	
(N) NON-RATED PARTITION WALL	
(E) PARTITION WALL TO REMAIN	
(N) 2HR FIRE-BARRIER PER CODE TO BE PROVIDED BY LANDLORD.	
E/N	EXISTING / NEW 2'x4' FIXTURE W/ LED RETROFIT NEW PRISMATIC LENS & 4000K BULBS. SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION
E/N	EXISTING / NEW 2'x2' FIXTURE W/ LED RETROFIT NEW PRISMATIC LENS & 4000K BULBS. SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION
E	EXISTING 4'x1' SURFACE MOUNTED FLUORESCENT LIGHT FIXTURE WITH COVER
E/N	EXISTING / NEW 8'x4' SUSPENDED / SURFACE MOUNTED FLUORESCENT LIGHT FIXTURE
	NEW SUSPENDED TRACK AND LIGHT FIXTURE
E	EXISTING EMERGENCY LIGHT
E/N	EXISTING / NEW EXIT SIGN W/ BATTERY BACKUP
E/N	EXISTING / NEW SUPPLY AIR DIFFUSER
E/N	EXISTING / NEW RETURN AIR DIFFUSER
E/N	EXISTING / NEW LIGHT AND EXHAUST COMBO IN RESTROOMS
	AREA NOT IN SCOPE OF WORK

29833 Santa Margarita Pkwy, Suite 300
Rancho Santa Margarita, CA 92688
Main: 951.710.6334 Web: kineticdesign.com Email: info@kineticdesign.com

REVISIONS		
No.	DATE	DESCRIPTION

CLIENT INFORMATION

400 GALLERIA PARKWAY, SUITE 300
ATLANTA, GA 30339
PHONE NUMBER: (678) 402-3000

PROJECT NAME
AARON'S C0573 / C0618

29850 - 29900 LAKESHORE BLVD
WILLOWICK, OH 44095

SHEET NAME
REFLECTED CEILING PLAN

DRAWN	CHECKED
E.N.	
DATE	03/07/23
SCALE	AS NOTED
PROJECT NUMBER	
SHEET	

A200

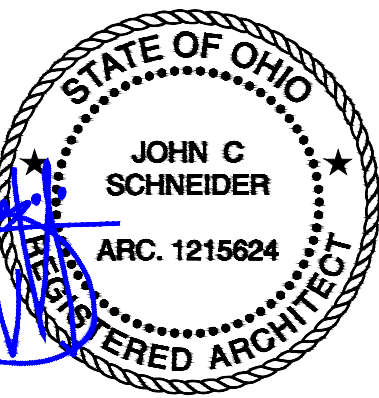
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GENERAL ELEVATION NOTES

- A. CONSTRUCTION DIMENSIONS ARE FROM FINISH FACE TO FINISH FACE.
- B. G.C. TO FIELD VERIFY EXISTING EXTERIOR WALL CONSTRUCTION AND FINISH CONDITIONS.

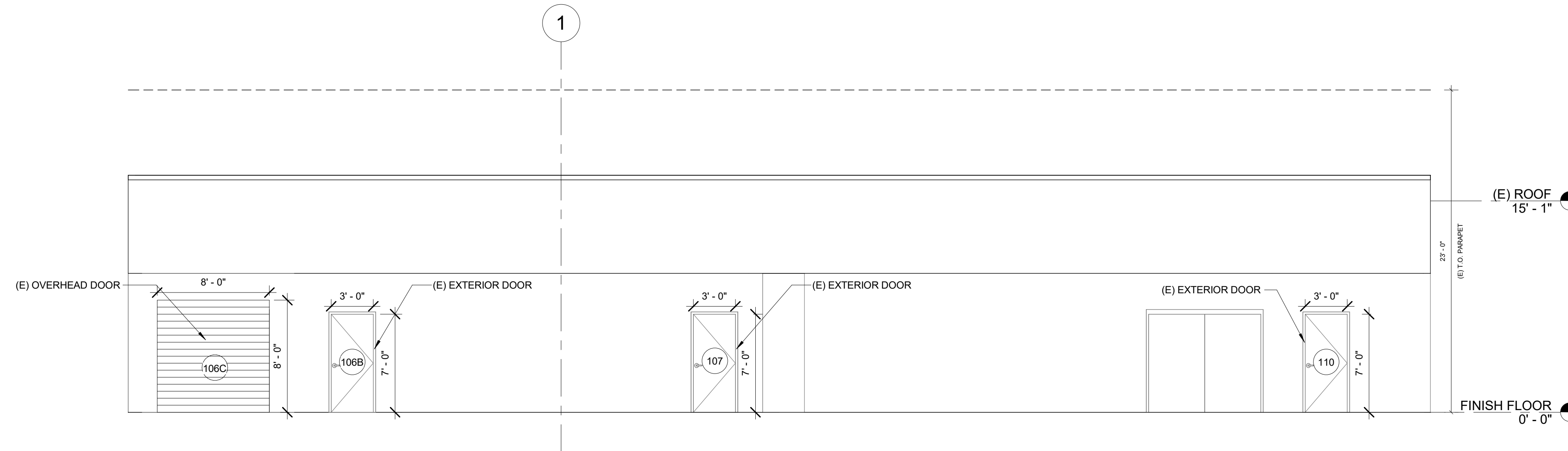


Kinetic Design
 29833 Santa Margarita Pkwy, Suite 300
 Rancho Santa Margarita, CA 92688
 Main: 951.710.6334 Web: kineticdesign.build
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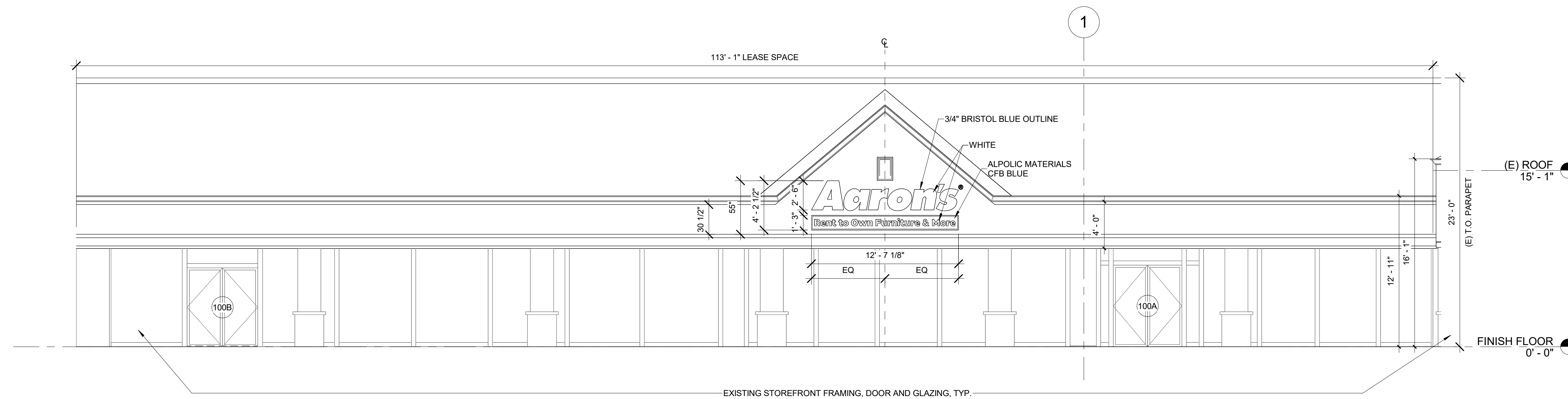
REVISIONS		
No.	DATE	DESCRIPTION



EXTERIOR ELEVATION - REAR Scale 3/16" = 1'-0" 2

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Aaron's
 400 GALLERIA PARKWAY, SUITE 300
 ATLANTA, GA 30339
 PHONE NUMBER: (678) 402-3000



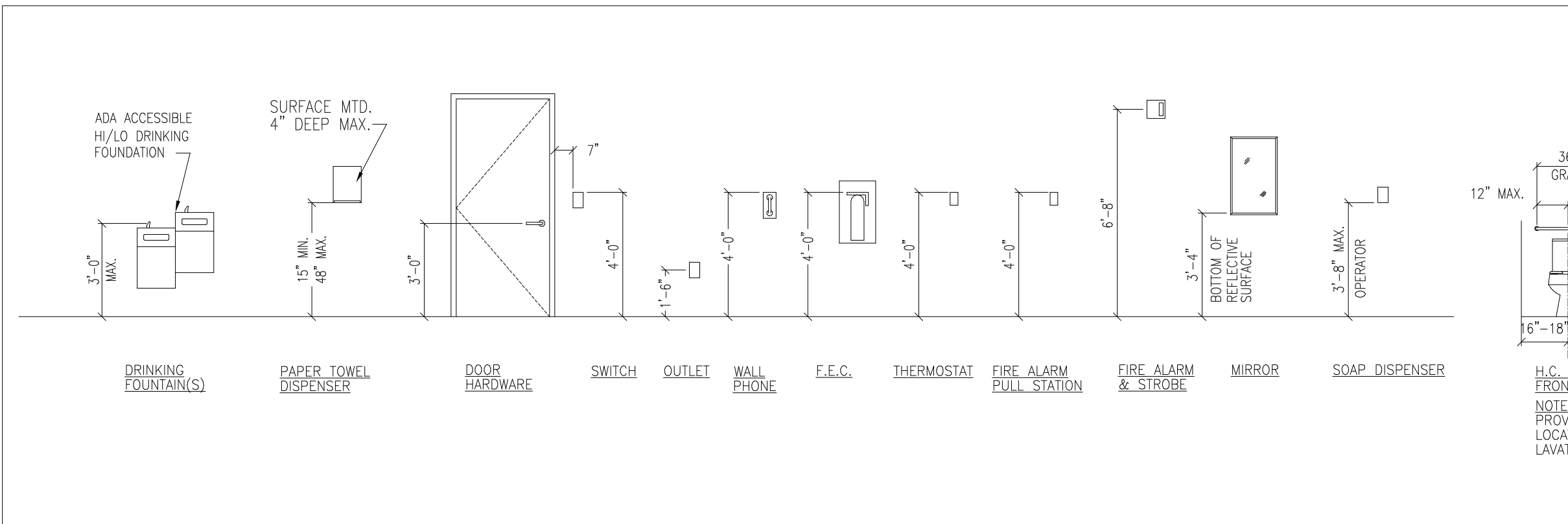
EXTERIOR ELEVATION - FRONT Scale 3/16" = 1'-0" 1

PROJECT NAME
AARON'S C0573 / C0618
 29850 - 29900 LAKESHORE BLVD
 WILLOWICK, OH 44095
 SHEET NAME
EXTERIOR ELEVATIONS

DRAWN	E.N.	CHECKED
DATE		03/07/23
SCALE		AS NOTED
PROJECT NUMBER		
SHEET		

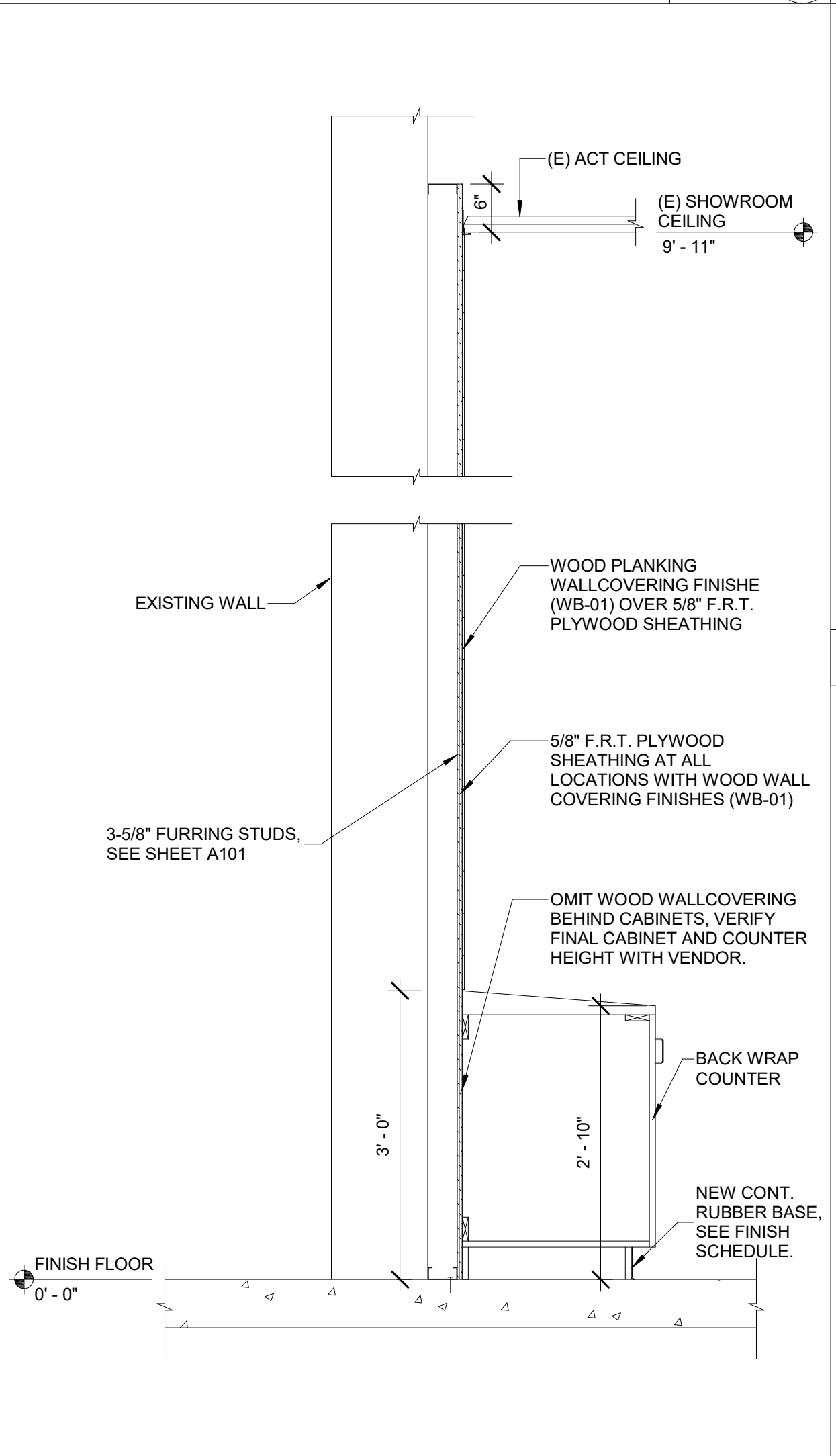
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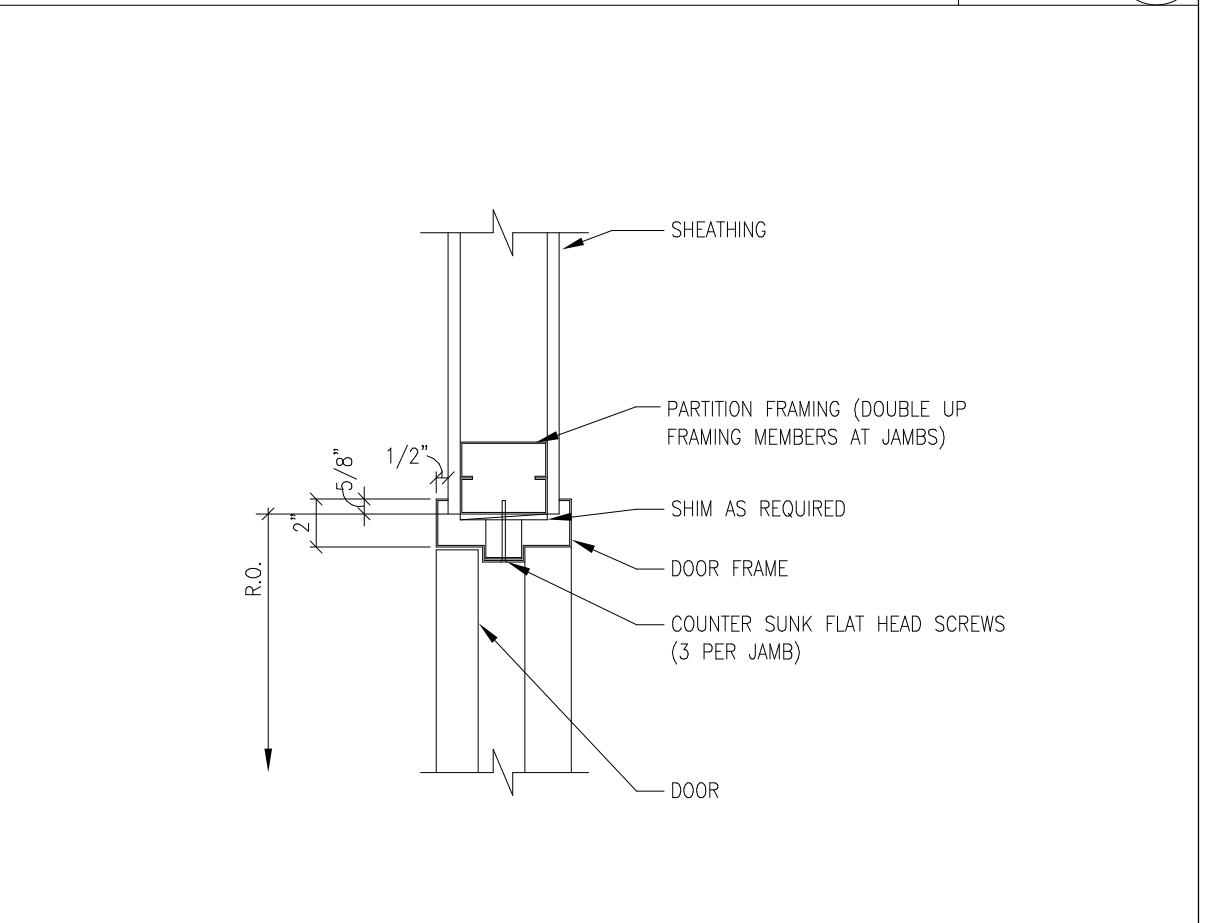


MOUNTING HEIGHTS Scale 7/8" = 1'-0"

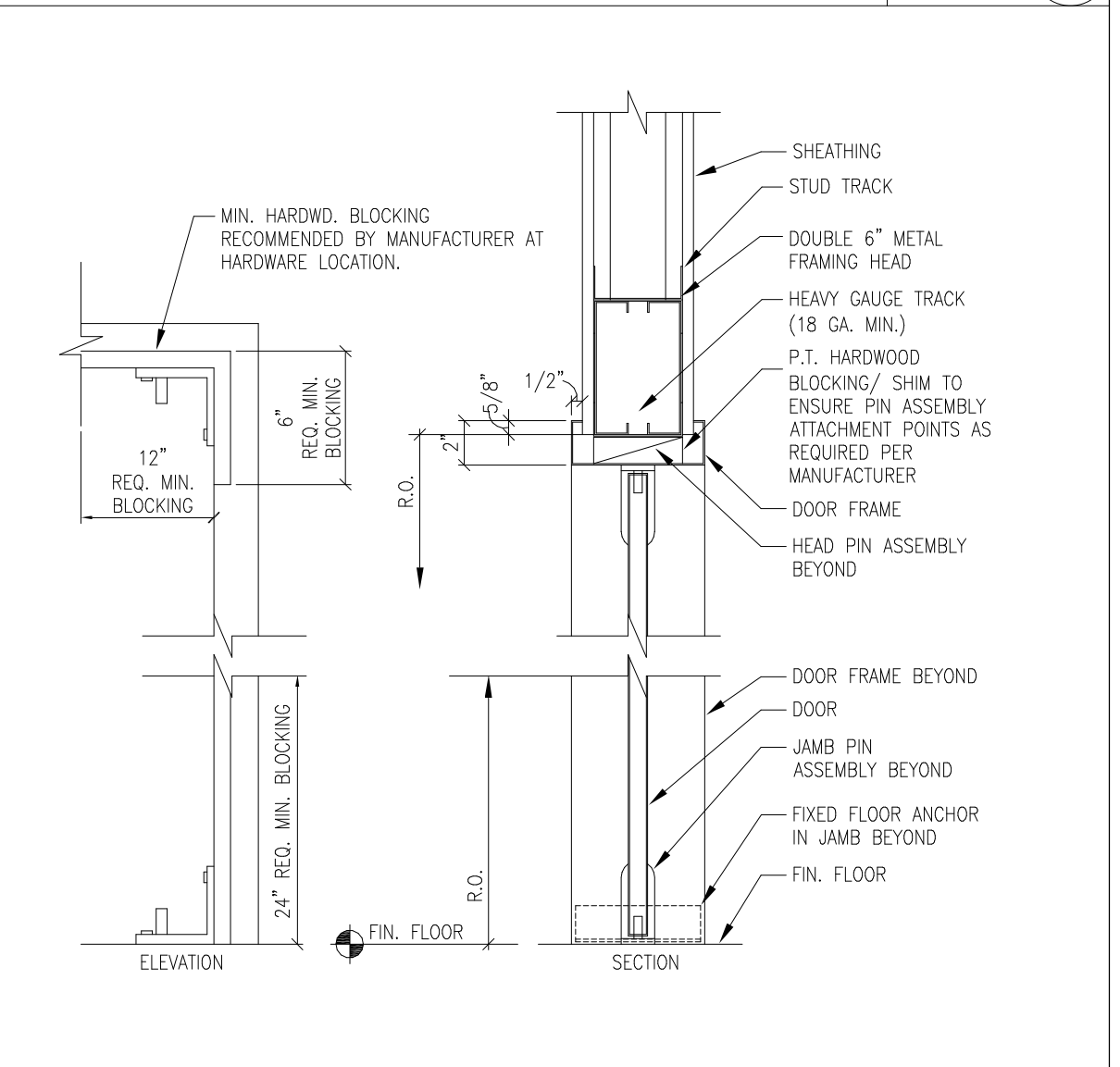
DOOR HEAD DETAIL Scale 1-1/2" = 1'-0"



BACK WRAP SECTION Scale 3/4" = 1'-0"



DOOR JAMB DETAIL Scale 1-1/2" = 1'-0"

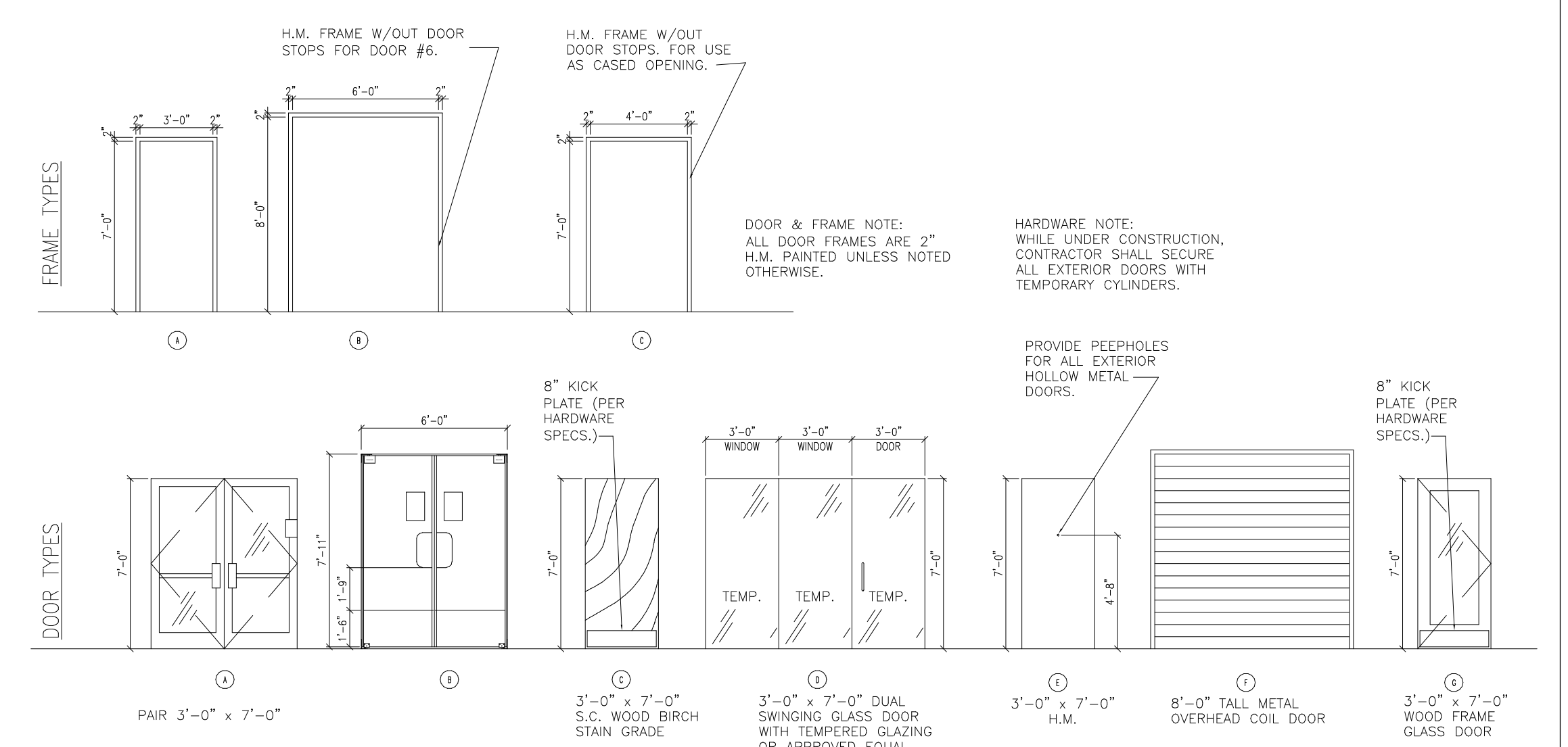


STOCK DOOR HEAD & JAMB DETAIL Scale 1-1/2" = 1'-0"

DOOR SCHEDULE											
DOOR NO.	LOCATION	DOOR SIZE	DOOR TYPE	MATERIAL	FINISH	DETAIL			FRAME	HARDWARE SET	REMARKS
						HEAD	JAMB	SILL			
100A	(E) FRONT ENTRY	6'-0" x 7'-0"	-	EXISTING	EXISTING	-	-	-	-	-	
100B	(E) FRONT ENTRY	6'-0" x 7'-0"	-	EXISTING	EXISTING	-	-	-	-	-	
100C	(N) SHOWROOM	6'-0" x 7'-0"	B	MANUF.	MANUF.	5/A900 SIM.	4/A900 SIM.	-	-	-	CONTRACTOR TO SUBMIT FIRE DOOR SPECIFICATION FOR ARCHITECT REVIEW AND APPROVAL. IF FIRE RATED GLAZING DOOR VISION PANEL IS PROVIDED, ENSURE 100 SQ. IN. OR LESS. 90 MIN. FIRE RATED DOOR WITH MAGNETIC HOLD OPEN DEVICE (2/A902 OR APPROVED EQUAL AND PANIC HARDWARE (1/A902 OR APPROVED EQUAL) PER CODE. AARON'S CONTRACTOR TO PROVIDE.
101	(N) GM OFFICE	3'-0" x 7'-0"	D	TEMPERED GLAZING	N/A	-	-	-	-	10	CUSTOM GLASS DOOR HARDWARE - CONCEALED HINGES, DUALACTING (SWING), UNDERCUT DOOR 1/2"
102A	(N) STOCK	6'-0" x 8'-0"	B	IMPACT	MANUF.	3/A900	3/A900	3/A900	B	5	
102B	(E) PRE-LEASED EMERGENCY EXIT	3'-0" x 7'-0"	-	EXISTING	PAINT PT-03	5/A900	4/A900	-	A	3	TO BE RELOCATED AND REINSTALLED AT THE INDICATED LOCATION.
103	(N) CAM OFFICE	3'-0" x 7'-0"	C	S.C. WOOD	PAINT PT-03	5/A900	4/A900	-	A	4	
104	(N) BREAKROOM	3'-0" x 7'-0"	C	S.C. WOOD	PAINT PT-03	5/A900	4/A900	-	A	4	
105	(N) SECURITY / SERVER	3'-0" x 7'-0"	E	METAL	PAINT PT-03	5/A900	4/A900	-	A	7	
106A	(E) STOCK	3'-0" x 7'-0"	-	EXISTING	PAINT PT-03	-	-	-	-	3	
106B	(E) STOCK EGRESS	3'-0" x 7'-0"	-	EXISTING	PAINT PT-03	-	-	-	-	9	
106C	(E) OVERHEAD	8'-0" x 8'-0"	-	EXISTING	EXISTING	-	-	-	-	2	OVERHEAD DOOR COMPANY SERIES 620 F-265 FLAT SLAT. 18 GA. WITH CHAIN HOIST.
107	(E) HALLWAY EXIT	3'-0" x 7'-0"	-	EXISTING	PAINT PT-03	-	-	-	-	9	
108	(E) WOMEN'S RESTROOM	3'-0" x 7'-0"	-	EXISTING	PAINT PT-03	5/A900	4/A900	-	-	6	TO BE RELOCATED AND REINSTALLED. PROVIDE H/C WOMEN'S SIGNAGE.
109	(E) MEN'S RESTROOM	3'-0" x 7'-0"	-	EXISTING	PAINT PT-03	5/A900	4/A900	-	-	6	TO BE RELOCATED AND REINSTALLED. PROVIDE H/C MEN'S SIGNAGE.
110	(E) PRE-LEASED EXIT	3'-0" x 7'-0"	-	EXISTING	PAINT PT-03	-	-	-	-	9	

- DOOR HARDWARE SHALL COMPLY WITH ADA SECTION 404.2.7. HARDWARE SHALL NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING, OR TWISTING OF THE WRIST TO OPERATE. INTERIOR DOORS WITH CLOSER TO BE SET TO MAX. 5LB. FORCE. EXTERIORS DOORS SET TO MAX 8LB FORCE.
- LOCKS ON DOORS IN MEANS OF EGRESS SHALL NOT REQUIRE THE USE OF A KEY, SPECIAL DEVICE OR SPECIAL KNOWLEDGE TO OPEN IN THE DIRECTION OF EGRESS. DOORS SHALL BE CAPABLE OF BEING OPENED W/ ONLY ONE RELEASING OPERATION.

DOOR SCHEDULE Scale 8/16" = 1'-0"



DOOR TYPES Scale 3/16" = 1'-0"

GROUP 1 - EXTERIOR PAIR DOORS "ENTRY DOORS"

EACH SET TO RECEIVE

QTY	ITEM	MANUFACTURER	MODEL
2	OFFSET PIVOTS	OLD CASTLE GLASS	OP6, OP7, OP9, OP10 X 619 BRUSHED NICKEL
1	LOCKSET	ADAMS RITE	MS1850A X 626
1	CYLINDER	BY STORE OPS	
1	3 POINT LOCK	ADAMS RITE	A.R. 4015, A.R. 4016.30
2	CONCEALED CLOSER	OLD CASTLE GLASS	MANUFACTURER'S STANDARD WITH OFFSET ARM ASSEMBLY AND HOLD OPEN
2	PUSH PULL	OLD CASTLE GLASS	PB-21, PH-20 X 619 BRUSHED NICKEL
1	WEATHER STRIPPING	OLD CASTLE GLASS	MANUFACTURER'S STANDARD
1	DOOR BOTTOM SEAL	OLD CASTLE GLASS	V-231
1	THRESHOLD	OLD CASTLE GLASS	TH-49
1	MAIL SLOT	CR LAWRENCE	925A X SATIN ANODIZED

GROUP 2 - EXTERIOR OVERHEAD DOORS "STOCK AREA"

EACH SET TO RECEIVE

QTY	ITEM	MANUFACTURER	MODEL
1	PADLOCK	BY STORE OPS.	

GROUP 3 - INTERIOR EMERGENCY EXIT

EACH SET TO RECEIVE

QTY	ITEM	MANUFACTURER	MODEL
3	HINGES	HAGER	BB1279 X NRP X 619 BRUSHED NICKEL
1	EXIT DEVICE	VON DUPRIN	2670 GUARD-X
1	CYLINDER	BY STORE OPS	
1	CLOSER	CAL ROYAL	900XSPAS/ 900X619 BRUSHED NICKEL
1	DOOR VIEWER	IVES	698 X 619 BRUSHED NICKEL
1	THRESHOLD	NGP	896S X MIL

GROUP 4 - INTERIOR SINGLE LEAF DOORS "BREAK ROOM & CAM OFFICE"

EACH SET TO RECEIVE

QTY	ITEM	MANUFACTURER	MODEL
3	HINGES	HAGER	BB1191 X 619 BRUSHED NICKEL
1	LOCKSET	CAL ROYAL	SL30 619 BRUSHED NICKEL PASSAGE
1	CLOSER	CAL ROYAL	900XSPAS/ 900X619 BRUSHED NICKEL (MOUNT ON BREAKROOM SIDE)
1	KICK PLATES	ROCKWOOD	8" X 34" X 619 BRUSHED NICKEL
1	WALL BUMPER	ROCKWOOD	409 X 619 BRUSHED NICKEL

GROUP 5 - INTERIOR PAIR LEAF NON-RATED DOOR "SALES/STOCK"

HARDWARE BY DOOR SUPPLIER

QTY	ITEM	MANUFACTURER	MODEL
2	DOOR	PHOENIX	#FA-AR7296PR-8846 (FINISH: OILED LEGNO-8846 FORMICA) SS SMOOTH SWING UPPER HINGE, SS HINGE COVERS, SS BOTTOM P.L.T. 9"X30" ADA, CLEAR ACRYLIC WINDOW, 18" BLACK TEARDROP BUMPERS
1	FRAME	PHOENIX	PER MANUF. FOR DOOR ABOVE

GROUP 6 - INTERIOR SINGLE LEAF DOOR "RESTROOMS"

EACH SET TO RECEIVE

QTY	ITEM	MANUFACTURER	MODEL
3	HINGES	HAGER	BB1191 X 619 BRUSHED NICKEL
1	LOCKSET	CAL ROYAL	SL20 619 BRUSHED NICKEL PRIVACY
1	CLOSER	CAL ROYAL	900XSPAS/ 900X619 BRUSHED NICKEL (MOUNT ON RESTROOM SIDE)
1	KICK PLATE	ROCKWOOD	16" X 34" X 619 BRUSHED NICKEL
1	WALL BUMPER	ROCKWOOD	409 X 619 BRUSHED NICKEL

GROUP 7 - INTERIOR SINGLE LEAF DOORS "SECURITY ROOM"

EACH SET TO RECEIVE

QTY	ITEM	MANUFACTURER	MODEL
3	HINGES	HAGER	1191 X NRP X 619 BRUSHED NICKEL
1	TUBULAR DEADBOLT	CAL ROYAL	T3660
1	LOCK GUARD	IVES	LG1 X 619 BRUSHED NICKEL
1	DOOR PULL	ROCKWOOD	111 X 619 BRUSHED NICKEL
1	WALL BUMPER	ROCKWOOD	409 X 619 BRUSHED NICKEL

GROUP 8 - INTERIOR SINGLE LEAF DOORS "SERVER ROOM"

EACH SET TO RECEIVE

QTY	ITEM	MANUFACTURER	MODEL
3	HINGES	HAGER	1191 X 619 BRUSHED NICKEL
1	LOCKSET	CAL ROYAL	SL05 619 BRUSHED NICKEL STOREROOM

GROUP 9 - EXTERIOR EXIT/SERVICE

EACH SET TO RECEIVE

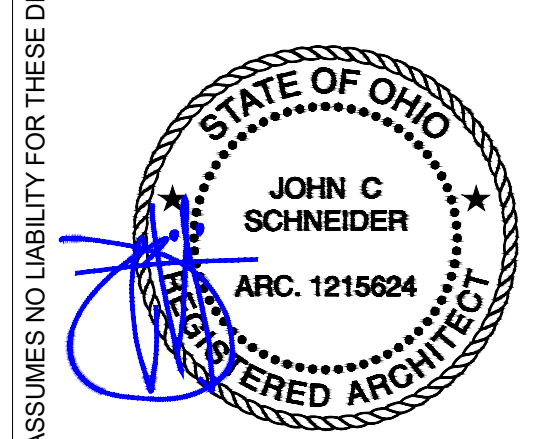
QTY	ITEM	MANUFACTURER	MODEL
3	HINGES	HAGER	BB1279 X NRP X 619 BRUSHED NICKEL
1	EXIT DEVICE	VON DUPRIN	2670 GUARD-X
1	CYLINDER	BY STORE OPS	
1	CLOSER	CAL ROYAL	900XSPA/ 900 X ALUM
1	WEATHER STRIPPING	NGP	2525 B
1	DRIP CAP	NGP	16A
1	DOOR BOTTOM SEAL	NGP	199NA
1	THRESHOLD	NGP	896S X MIL

GROUP 10 - GM OFFICE GLASS DOOR

EACH SET TO RECEIVE

QTY	ITEM	MANUFACTURER	MODEL
1	END CAPS	DORMA	#233.040.101 FOR 36" HEADER
1	CLOSER	DORMA	RTS-88 CONCEALED, 90 DEGREE HO CLOSER
1	TOP PATCH	DORMA	#833.112.101 - PT 22
1	BOTTOM PATCH	DORMA	#833.100.101 - PT 10
1	HINGE (PIVOT)	DORMA	#201.106.101 355.6 ADJUSTABLE BOTTOM PIVOT
1	LOCKSET	DORMA	#801.122.101 PATCH LOCK FITTING AR20 1/2", #225.997.107 MORTISE KEY CY
1	KEY CYLINDER	DORMA	#225.997.107 MORTISE KEY CYL/LOCKING RING, #225.996.101 MORTISE TTI
1	STRIKE	DORMA	#932.033.101 DUST PROOF STRIKE
1	PUSH/PULL	DORMA	#526.004.101 12" BACK TO BACK LADDER PULLS

DOOR HARDWARE SCHEDULE Scale 8/16" = 1'-0"



STAMP

No.	DATE	DESCRIPTION

REVISIONS

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CLIENT INFORMATION

Aaron's
 400 GALLERIA PARKWAY, SUITE 300
 ATLANTA, GA 30339
 PHONE NUMBER: (678) 402-3000

PROJECT NAME
AARON'S C0573 / C0618
 29850 - 29900 LAKESHORE BLVD
 WILLOWICK, OH 44095

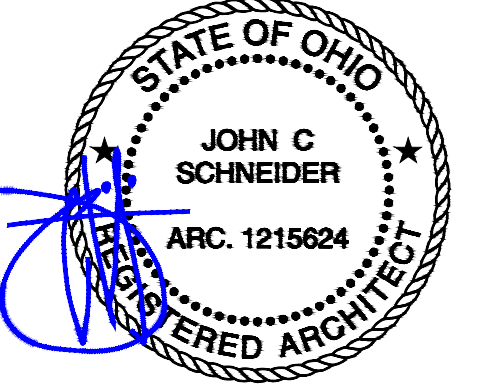
DATE
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SCALE
 AS NOTED

PROJECT NUMBER

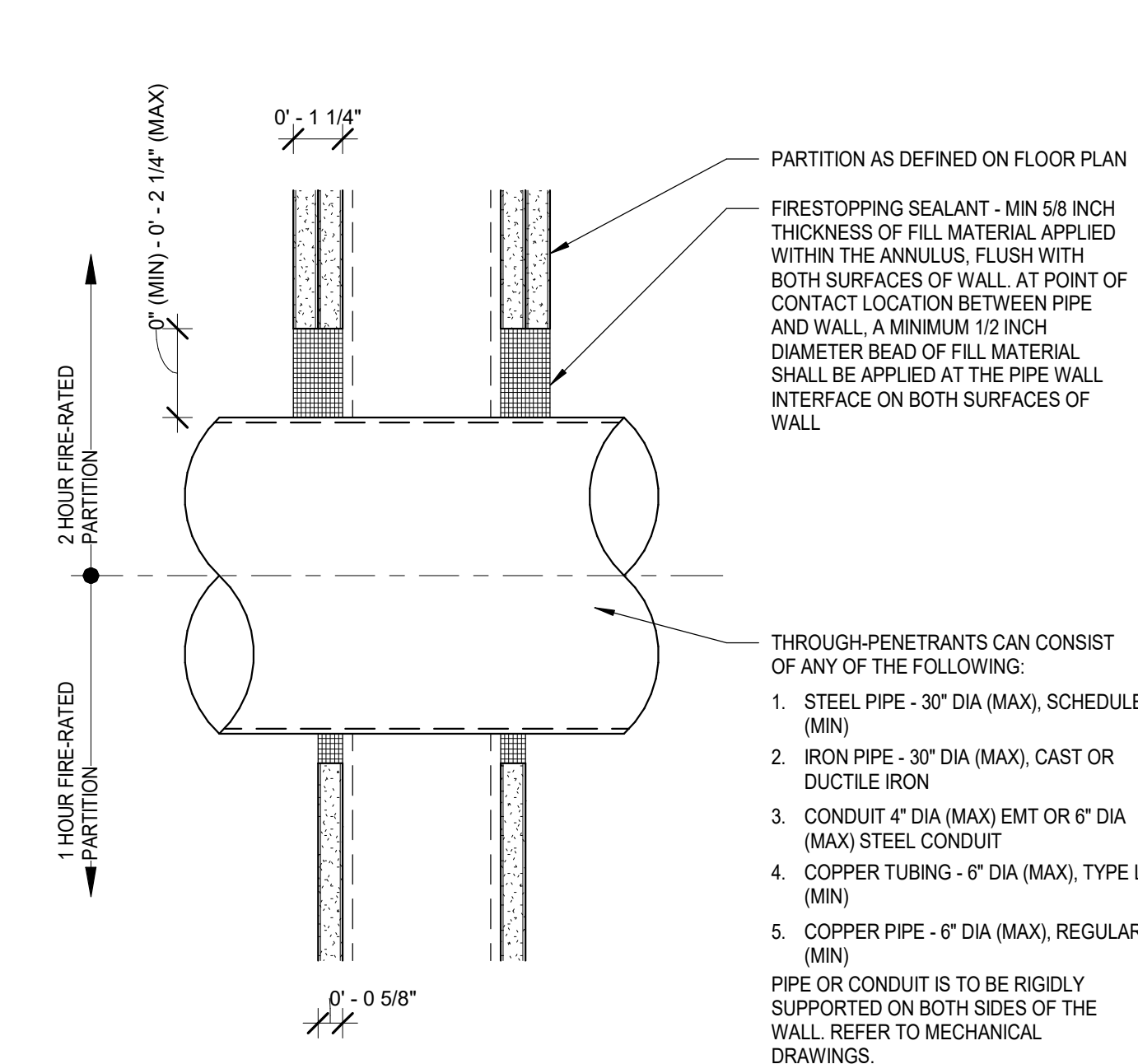
SHEET NAME
DOOR AND HARDWARE SCHEDULE, AND DETAILS

SHEET
A900

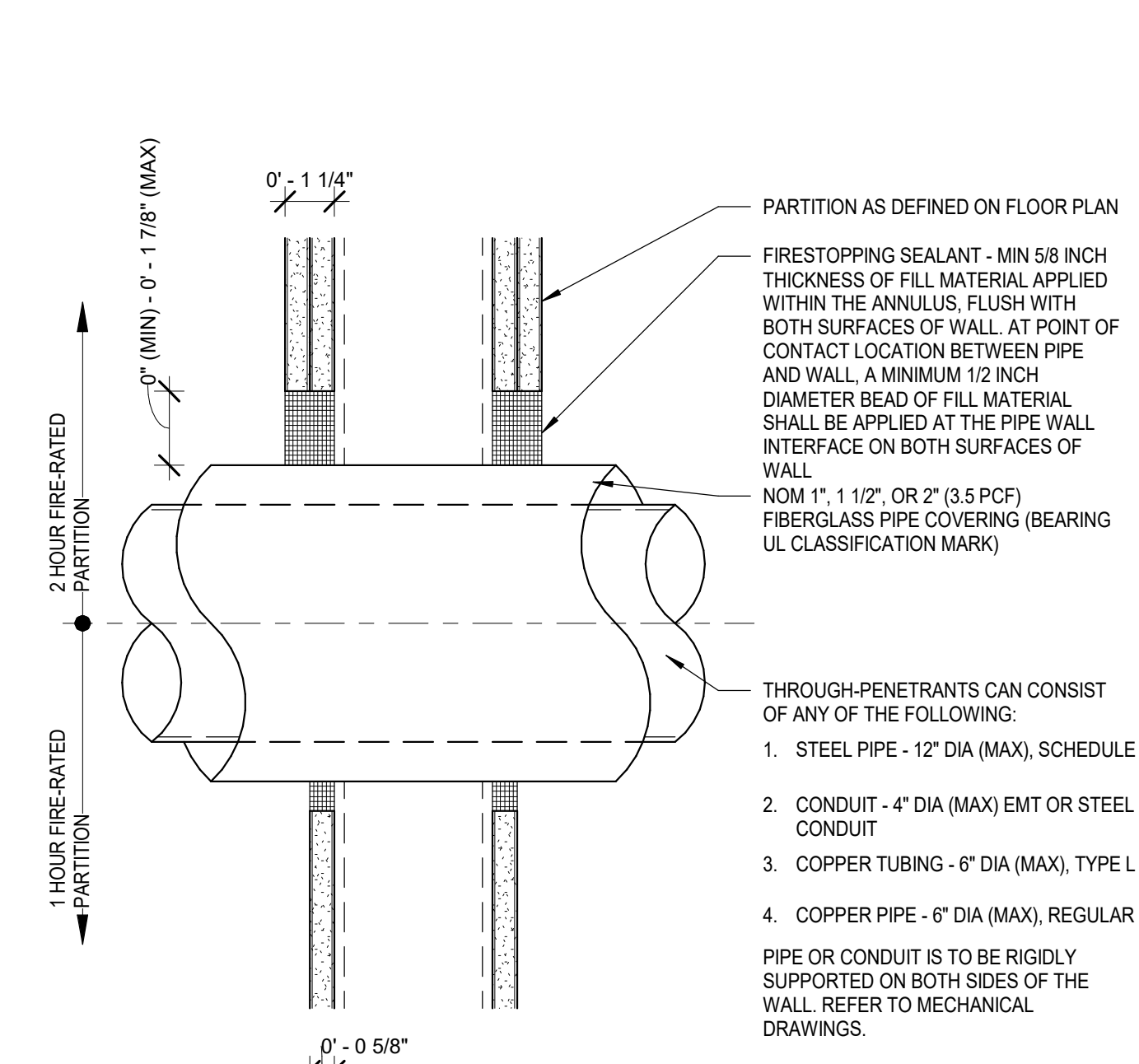


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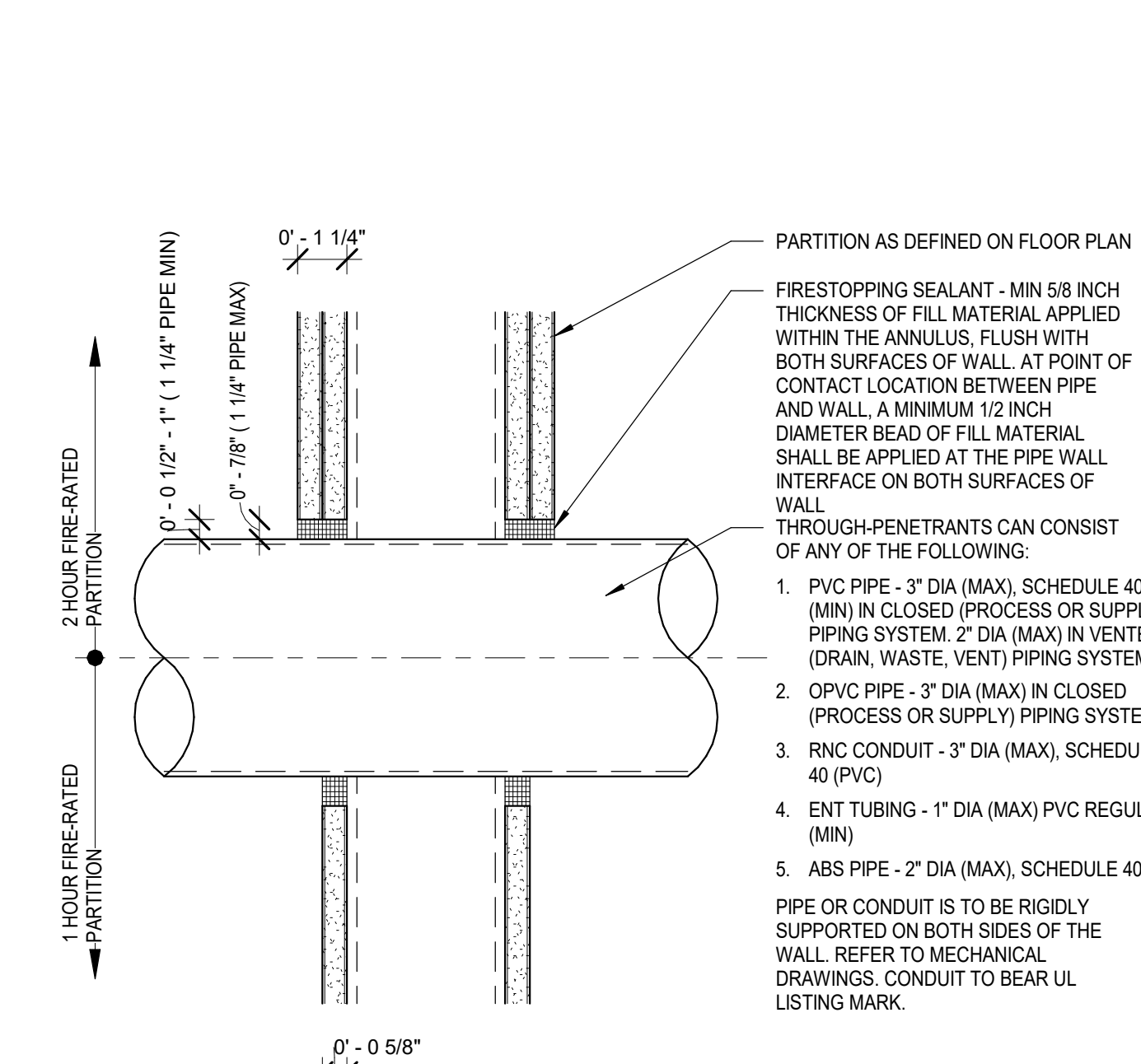
NOT USED Scale 1/8" = 1'-0" 2



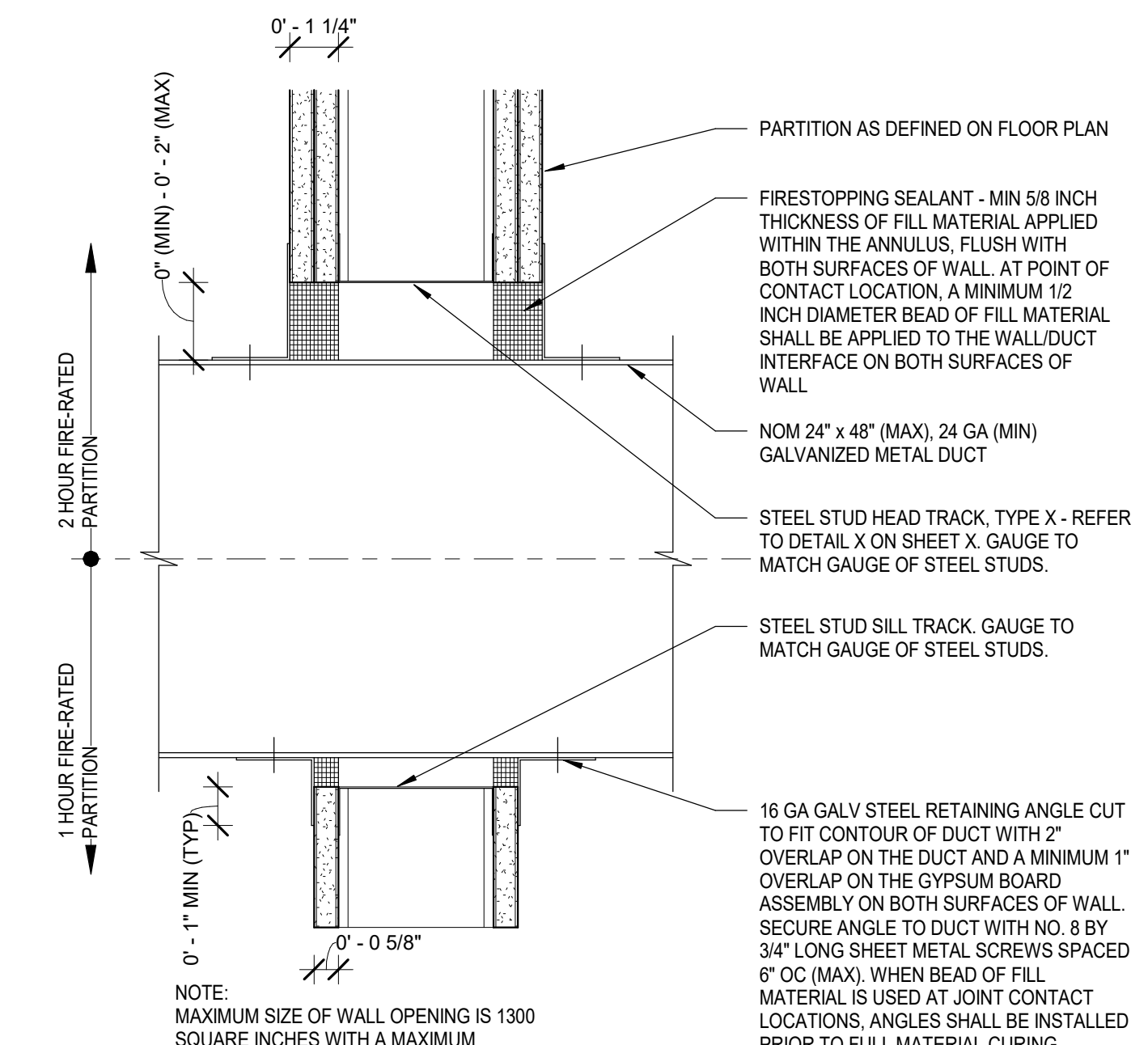
A METAL PIPES OR CONDUITS (UL DESIGN NO. W-L-1054)



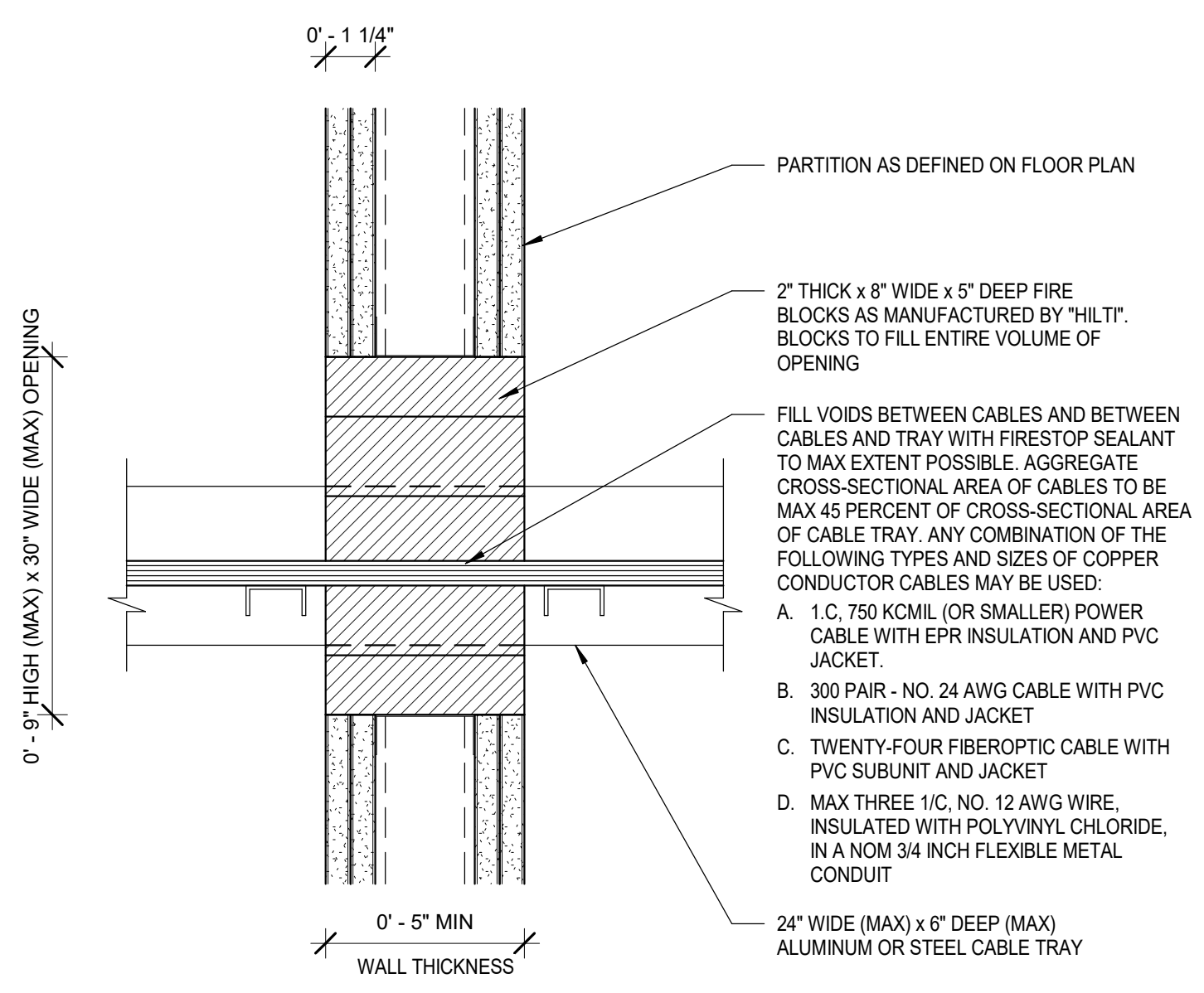
B INSULATED PIPES (UL DESIGN NO. W-L-5029)



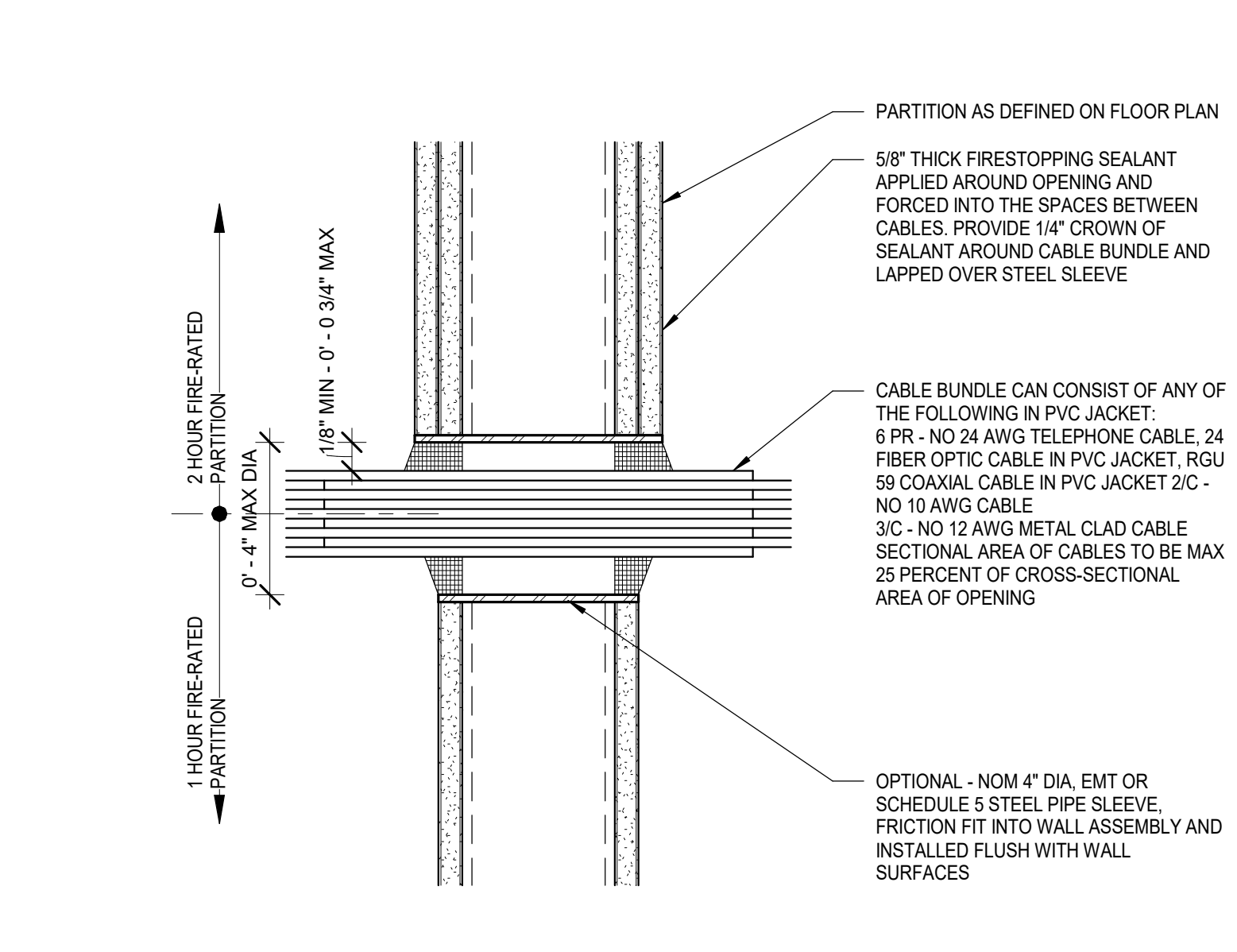
C NON-METALLIC PIPES OR CONDUIT (UL DESIGN NO. W-L-2088)



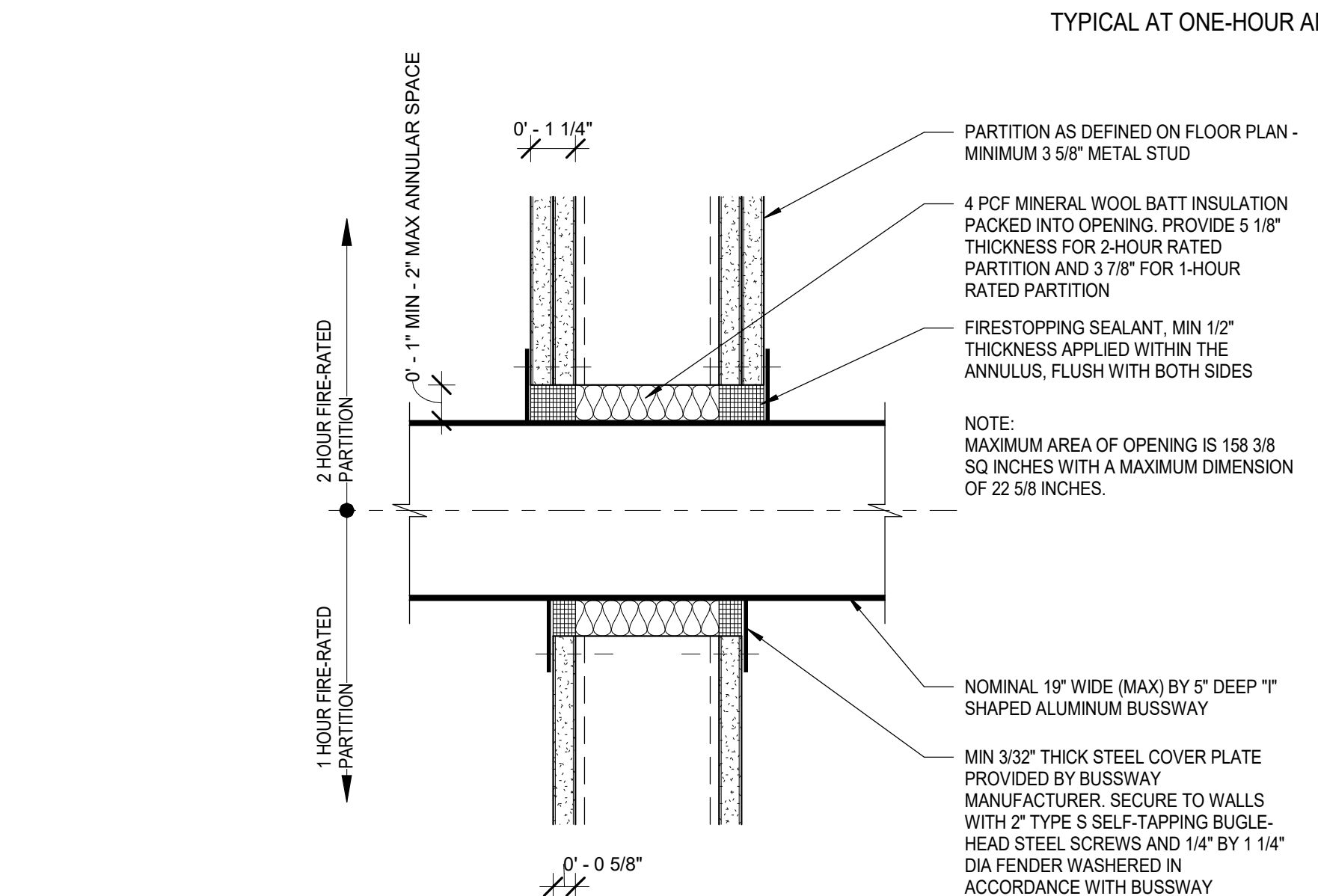
D METAL DUCT WITHOUT FIRE DAMPER (UL DESIGN NO. W-L-7040)
 TYPICAL AT ONE-HOUR AND TWO-HOUR METAL FRAMED GYPSUM BOARD PARTITIONS



E CABLE TRAY (UL DESIGN NO. W-L-4011)
 NOTE:
 THIS IS BASED ON A 2-HOUR RATED ASSEMBLY. USE 1 LAYER OF 5/8" GYPSUM BOARD BOTH SIDES OF METAL STUDS FOR 1-HOUR ASSEMBLY.



F CABLE BUNDLE IN METALLIC SLEEVE (UL DESIGN NO. W-L-3111)



G ELECTRICAL BUSSWAY (UL DESIGN NO. W-L-6001)

REVISIONS		
No.	DATE	DESCRIPTION

CLIENT INFORMATION
Aaron's
 400 GALLERIA PARKWAY, SUITE 300
 ATLANTA, GA 30339
 PHONE NUMBER: (678) 402-3000

PROJECT NAME
AARON'S C0573 / C0618
 29850 - 29900 LAKESHORE BLVD
 WILLOWICK, OH 44095
 SHEET NAME
PARTITION SYSTEM DETAILS

DRAWN	E.N.	CHECKED
DATE		03/07/23
SCALE		AS NOTED
PROJECT NUMBER		
SHEET		

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Conventional and Addressable Accessories Door Holders 1500 Series

The Edwards 1500 Series electromagnetic door holders feature housings finished with durable baked polyester powder paint. The floor or wall section houses the electromagnetic while the contact plate attaches to the door. The contact plate has a shock absorbing nylon (swivel) ball that allows the plate to adjust to any door angle. Floor units are available in single-door or double-door (back to back) versions. Wall units are available in flush or surface mounted versions. If power fails, doors are released automatically but may be opened or closed manually at any time. All units are free of moving parts, are self-contained and require no maintenance. The device holders hold a door open while energized. When de-energized by a relay controlled by the fire alarm system or other switch, the door is released to a closed position.

- Features and Specifications**
- Floor and wall mounted styles
 - Baked polyester powder paint finish
 - Low power consumption
 - Silent operation
 - 25 LB (111N) nominal holding force
 - Adjustable, swivel contact plate
 - Single-door or double-door (back to back) versions – floor mounted
 - Flush or surface mounted versions – wall mounted
 - Operating temperature range: 32°F to 120°F (0°C to 49°C)



12
FIRE ALARMS

Ordering Information

Description	Cat. No.	Operating Voltage ¹	Current
Floor Mounted (Single Door)	1501-AQNS	24V AC/DC, 120V AC	0.015 A
Floor Mounted (Double Door)	1502-AQNS	24V AC/DC, 120V AC	0.015 A
Flush Wall Mounted (Long Catch Plate)	1504-AQNS	24V AC/DC, 120V AC	0.015 A
Flush Wall Mounted (Short Catch Plate)	1505-AQNS	24V AC/DC, 120V AC	0.015 A
Surface Wall Mounted	1508-AQNS	24V AC/DC, 120V AC	0.015 A
Completely Flush Wall Mounted	1509-AQNS	24V AC/DC, 120V AC	0.015 A

¹AC voltage frequency is 60 Hz
²Draws 0.015 A per side

Accessories

Description	Cat. No.
Catch plate extension assembly, 1.5"	1500-1
Catch plate extension assembly, 2.5"	1500-2
Catch plate extension assembly (5.25 to 7.5 inches)	1500-7
Catch plate extension assembly (7.5 to 12 inches)	1500-12
Replacement armature - short (for use with 1501, 1502, 1505, 1508 and 1509 door holders)	CS2995-5
Replacement armature - long (for use with 1504 door holder)	CS2998-5



www.edwardssignaling.com

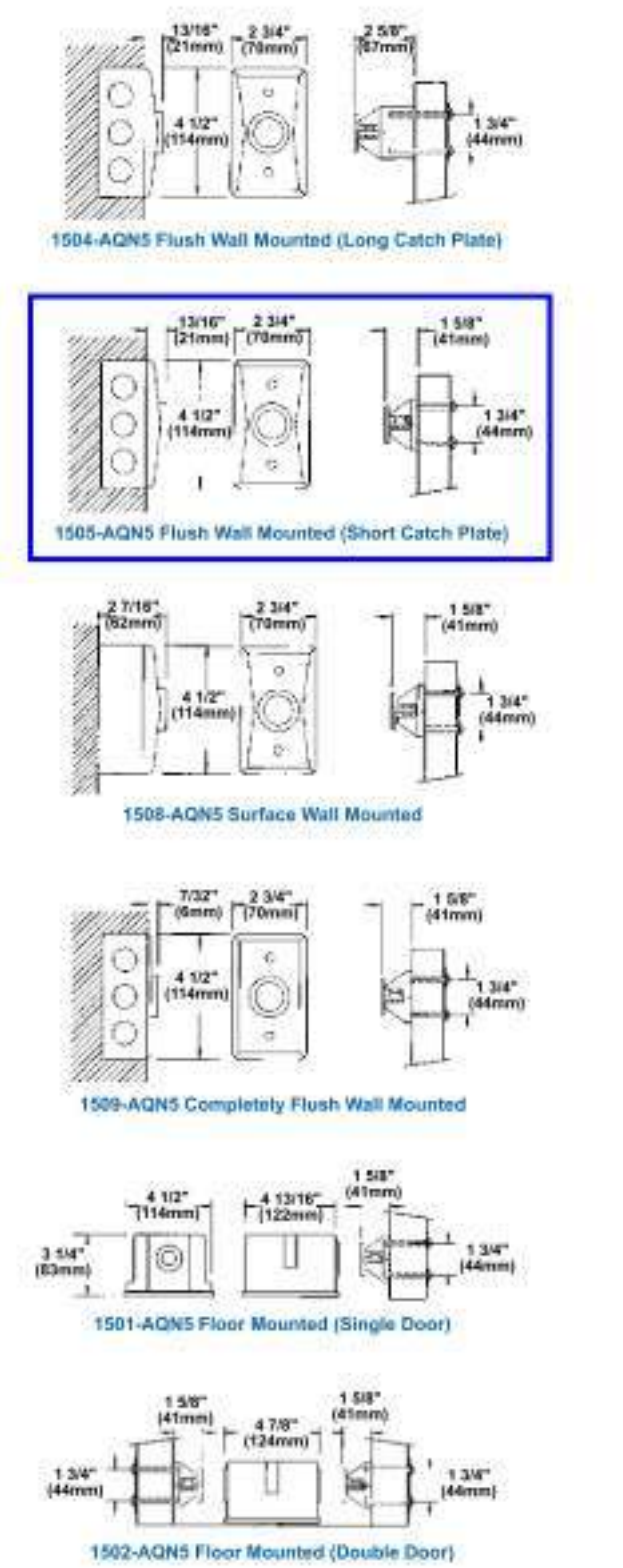
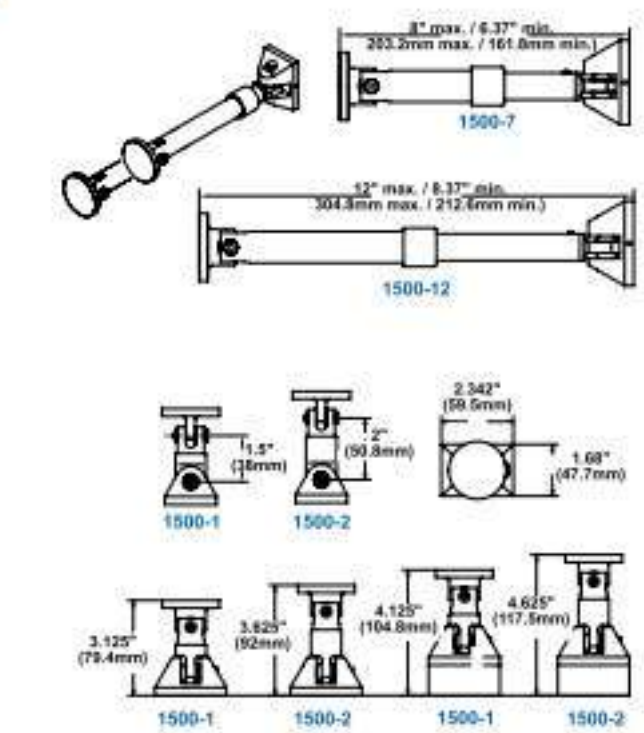
EDWARDS 12-85

Conventional and Addressable Accessories Door Holders 1500 Series

Weights and Dimensions

Cat. No.	Approx. Shipping Weight (lb.)
1501-AQNS	5.40
1502-AQNS	5.00
1504-AQNS	2.00
1505-AQNS	2.00
1508-AQNS	3.00
1509-AQNS	2.00
1500-1	0.25
1500-2	0.25
1500-7	0.50
1500-12	1.00
CS2995-5	0.25
CS2998-5	0.25

Catch Plate Extensions
NOTE: Only the extension rods are included. The end pieces are included with the door holders or can be ordered separately.



12-86 EDWARDS

www.edwardssignaling.com

VON DUPRIN AX exit devices Featuring the 98/99, 94/95, 33/35A and 22 Series devices

The exit device that requires only 5 lbs. of force to operate

The AX was born out of a need to provide the market with a solution that meets the 2010 ADA Standards for Accessible Design (Chapters 404.2.7 and 309.4) that state the force required to activate operable parts shall be 5 lbs. maximum. The 2013 California Building Code (Chapter 10B-309.4) adopted virtually identical requirements that went into effect January 1st, 2013.

Since pioneering the first exit device in 1908, Von Duprin life safety products have provided unparalleled quality, performance and flexibility for schools, hospitals, stadiums and public buildings. These products come with the support and customer care only offered by Von Duprin. Providing the confidence and peace of mind at critical moments of life safety.

AX device specification requirements

Provide exit devices tested to ANSI/BHMA A156.3 Grade 1. (OPTION for specific compliant products/applications: UL certified to meet maximum 5 pound requirements according to the 2010 ADA Standards for Accessible Design (Chapters 404.2.7 and 309.4) and California Building Code (Chapter 10B-309.4)) and UL listed for Panic Exit or Fire Exit Hardware.

How to identify the Von Duprin AX device

- 1 Look for the "AX" Prefix in the door schedule and/or specification.
- 2 In the field, look for the Compliance note on the UL Label and the AX Device Label. Both labels can be found on the center case cover of the exit device as shown below.



Contact Allegion today at 888.925.4359 or ax.allgion.com to learn how the AX device can help you provide accessibility without compromise.

AX98/99 Series Specifications	AX94/95 Series Specifications	AX22 Series Specifications
Device types AX98/99 - Rim AX98/99 - LBR AX98/9950 WDC - LBL AX98/9949 - LBL & LBL-AFL - Concealed Vertical Cable Less Bottom Latch	Device types AX94/9547 Device functions EO, DT, L, LDT, LBE, LNL Device lengths 3' / 4' Rating Panic and Fire Electric options LX - Latchbolt monitor switch	Device types AX22 - Rim AX22ZT - LBR Device functions EO, DT, NL, NLOP, L, LBE Device lengths 3' / 4' Rating Panic and Fire Electric options LX - Latchbolt monitor switch RX - Pushpad monitor switch RXZ - Double pushpad monitor switch ALK - Alarm kit
Device functions EO, DT, NL, NLOP, L, LBE, LDT, LNL Device lengths 3' / 4' Rating Panic and Fire Electric options EL - Electric latch retraction LX - Latchbolt monitor switch LXLC - Latchbolt monitor switch low current LXRX - Latchbolt pushpad monitor LXRLC - Latchbolt pushpad monitor low current RX - Pushpad monitor switch RXLC - Pushpad monitor switch low current RXZ - Double pushpad monitor switch ALK - Alarm kit SS - Signal switch	AX33/35A Series Specifications Device types AX33/35A - Rim AX33/3549 - LBL & LBL-AFL - Concealed Vertical Cable Less Bottom Latch Device functions EO, DT, NL, NLOP, L, LBE, LDT Device lengths 3' / 4' Rating Panic and Fire (3349 LBL/AFL only) Electric options EL - Electric latch retraction LX - Latchbolt monitor switch LXLC - Latchbolt monitor switch low current LXRX - Latchbolt pushpad monitor LXRLC - Latchbolt pushpad monitor low current RX - Pushpad monitor switch RXLC - Pushpad monitor switch low current RXZ - Double pushpad monitor switch ALK - Alarm kit SS - Signal switch	Mechanical options GBK - Glass bead kit SMB - Sex bolts SEC - Security screws WP - Weep holes Dogging options Hex key dogging = Standard CD - Cylinder dogging DI - Dogging indicator LD - Less dogging SD - Special dogging
Mechanical options GBK - Glass bead kit SMB - Sex bolts SEC - Security screws WP - Weep holes Dogging options Hex key dogging = Standard CD - Cylinder dogging DI - Dogging indicator LD - Less dogging SD - Special dogging	Mechanical options GBK - Glass bead kit SEC - Security screws WP - Weep holes Dogging options Hex key dogging = Standard CD - Cylinder dogging LD - Less dogging (Panic only)	Mechanical options GBK - Glass bead kit SEC - Security screws WP - Weep holes Dogging options Hex key dogging = Standard LD - Less dogging (Panic only)

Ordering information

Prefix	Series	Device type	Function	Rating	Suffix	Finish	Door Width	Handling	Trim	Lever Style	Accessories
AX	- 98	- L	- F	- 2	- US26D	- 3'	- RHR	- 996L	- 06	- SNB	

1	3	7
Prefix AX - Accessible Device EL - Electric latch retraction LX - Latchbolt Monitor Switch LXLC - Latchbolt Monitor Switch Low Current LXRX - Latchbolt Pushpad Monitor LXRLC - Latchbolt Pushpad Monitor Low Current RX - Pushpad Monitor Switch RXLC - Pushpad Monitor Switch Low Current RXZ - Double Pushpad Monitor Switch SS - Signal Switch <small>*Must be specified in order to use these.</small>	Device Type Rim Surface Vertical Rod Concealed Vertical Rod Concealed Vertical Cable Function Exit Only Exit Only Night Latch Night Latch - Optional Pull Lever Lever - Blank Escutcheon Lever Rigid - Dummy Trim Lever Rigid - Night Latch	Finish See pricebook for finish offering
2 Series 98 Series 98 - smooth 99 Series 99 - grooved 94 Series 94 - smooth 95 Series 95 - grooved 33A Series 33A - grooved 35A Series 35A - smooth 22 Series 22	Rating N/A Panic Fire-rated	8 Door Width 3" - Standard Default 4"
5 Series 98 - smooth 99 Series 99 - grooved 94 Series 94 - smooth 95 Series 95 - grooved 33A Series 33A - grooved 35A Series 35A - smooth 22 Series 22	Suffix 2 - Double Cylinder LBL/LBR - Less Bottom Latch / Less Bottom Rod LBL-AFL - Less Bottom Latch with Fire Pin WH - Weep Holes	9 Handling 249R - Right Hand Reverse LHR - Left Hand Reverse 10 Trim See pricebook for trim/control offering
6 Series 98 - smooth 99 Series 99 - grooved 94 Series 94 - smooth 95 Series 95 - grooved 33A Series 33A - grooved 35A Series 35A - smooth 22 Series 22	Rating N/A Panic Fire-rated	11 Lever Style See pricebook for lever style offering
12 Series 98 - smooth 99 Series 99 - grooved 94 Series 94 - smooth 95 Series 95 - grooved 33A Series 33A - grooved 35A Series 35A - smooth 22 Series 22	Suffix 2 - Double Cylinder LBL/LBR - Less Bottom Latch / Less Bottom Rod LBL-AFL - Less Bottom Latch with Fire Pin WH - Weep Holes	12 Accessories ALK - Alarm Kit GBK - Glass Bead Kit SMB - Sex Bolts

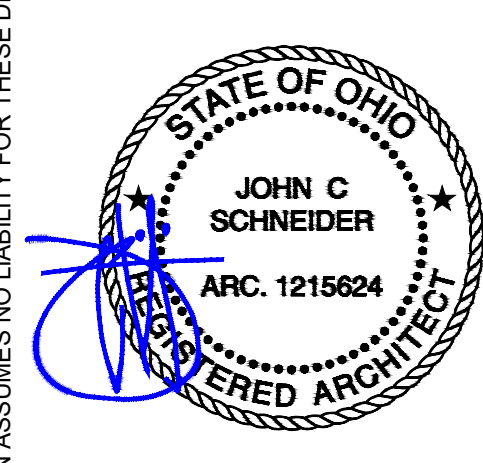
Contact Allegion today at 888.925.4359 or ax.allgion.com to learn how the AX device can help you provide accessibility without compromise.



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Kinetic Design
29833 Santa Margarita Pkwy, Suite 300
Rancho Santa Margarita, CA 92688
Main: 951.710.6334 Web: kineticdesign.bulid
Email: info@kineticdesign.bulid

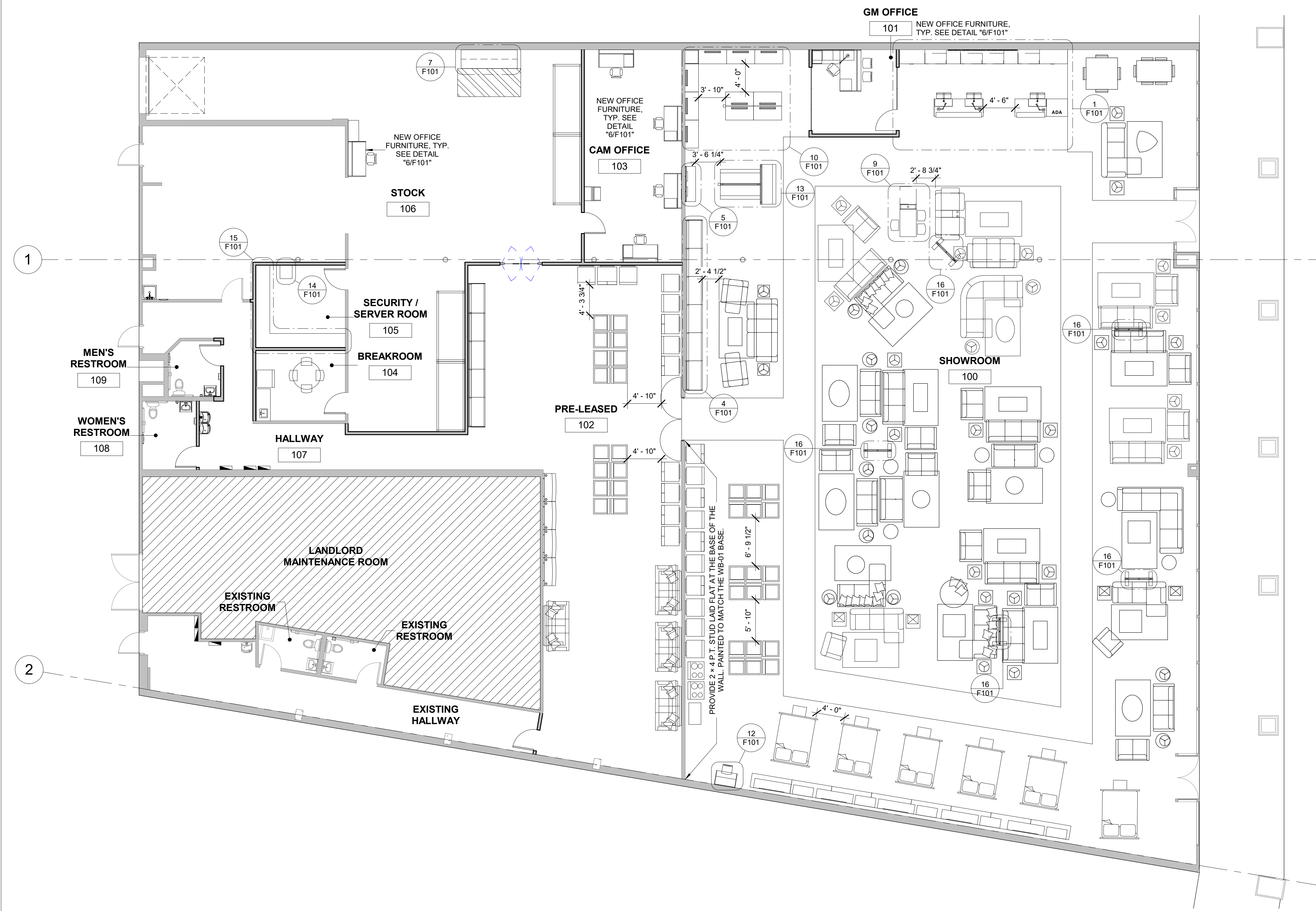


STAMP

REVISIONS		
No.	DATE	DESCRIPTION

CLIENT INFORMATION
Aaron's
400 GALLERIA PARKWAY, SUITE 300
ATLANTA, GA 30339
PHONE NUMBER: (678) 402-3000


PROJECT NAME	AARON'S C0573 / C0618
PROJECT ADDRESS	29850 - 29900 LAKESHORE BLVD WILLOWICK, OH 44095
DRAWN	E.N.
CHECKED	
DATE	03/07/23
SCALE	
PROJECT NUMBER	
SHEET	



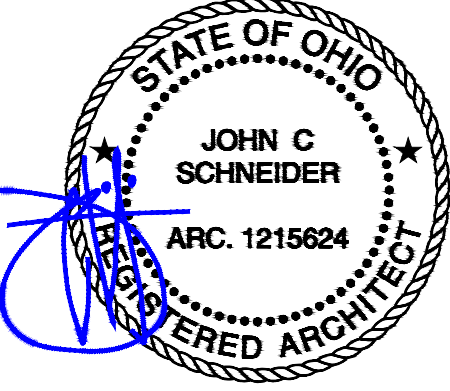
FIXTURE PLAN Scale 1/8" = 1'-0" 2

FIXTURE & DECOR SCHEDULE (UPDATED 6/7/2018)				
MODEL NUMBER	CATEGORY	SIZE	FINISH	DESCRIPTION
CASH WRAP				
ARN-CW-001	CASH WRAP, 1 STATION POS - LEFT	SEE PLANS	SOLID SURFACE / LAMINATE	CASH WRAP POD WITH ONE POS STATION, ADA COUNTER ON THE LEFT FROM EMPLOYEE SIDE
ARN-CW-002	CASH WRAP, 1 STATION POS - RIGHT	SEE PLANS	SOLID SURFACE / LAMINATE	CASH WRAP POD WITH ONE POS STATION, ADA COUNTER ON THE RIGHT FROM EMPLOYEE SIDE
ARN-CW-003	BEVERAGE / PRINTER STATION	SEE PLANS	SOLID SURFACE / LAMINATE	BEVERAGE / PRINTER STATION POD
ARN-CW-004	CASH WRAP, ADD-ON KIT	SEE PLANS	SOLID SURFACE / LAMINATE	CASH WRAP POS STATION ADD-ON KIT
ARN-CW-005	CASH WRAP, 2 STATION POS - LEFT	SEE PLANS	SOLID SURFACE / LAMINATE	CASH WRAP POD WITH TWO POS STATIONS, ADA COUNTER ON THE LEFT FROM EMPLOYEE SIDE
ARN-CW-006	CASH WRAP, 2 STATION POS - RIGHT	SEE PLANS	SOLID SURFACE / LAMINATE	CASH WRAP POD WITH TWO POS STATIONS, ADA COUNTER ON THE RIGHT FROM EMPLOYEE SIDE
ARN-CW-007	CASH WRAP, MONOLITHIC	SEE PLANS	SOLID SURFACE / LAMINATE	CASH WRAP POD WITH TWO POS STATIONS, ADA COUNTER ON THE RIGHT FROM EMPLOYEE SIDE
ARN-CW-008	CASH WRAP, OFFICE LOGO	SEE PLANS	PVC / SINTRA	WALL LOGO ON OFFICE WALL
BUY OUT	LINE VOLTAGE MONOPOLY ADAPTER	SEE PLANS	WHITE	SEE REFLECTED CEILING PLAN ON SHEET A-401
BUY OUT	TRACK FIXTURE - PAR38 GIMBAL	SEE PLANS	WHITE	SEE REFLECTED CEILING PLAN ON SHEET A-401
BUY OUT	LED PAR38 LAMP	SEE PLANS	WHITE	SEE REFLECTED CEILING PLAN ON SHEET A-401
BUY OUT	ADA UNDERCOUNTER REFRIGERATOR	32.06" W X 20.31" D X 22.25" H	STAINLESS STEEL	
BUY OUT	MONITOR ARM	SEE PLANS	STAINLESS STEEL	
BUY OUT	25" KEYBOARD PLATFORM	10.5" D X 25" W	BLACK	
BUY OUT	13" KEYBOARD TRACK	SEE PLANS	BLACK	
ELECTRONICS AREA				
ARN-EA-001	WALL SYSTEM STARTER	48" W X 84" H	BLACK	ELECTRONICS AREA FIXTURE ORDER CONSISTS OF A (5) TYP. GONDOLA WALL UNIT SET (1 WALL STARTER, 4 WALL ADD-ONS, 1 WOOD DECK STARTER, 4 WOOD DECK ADD-ONS, 1 END PANEL SET) SEE STORE ORDER FOR ANY ADDITIONAL PARTS NEEDED FOR NON-TYP. ELECTRONICS AREA FIXTURES
ARN-EA-002	WALL SYSTEM ADD-ON	48" W X 84" H	BLACK	
ARN-EA-003	WOOD DECK STARTER	50" W X 84" H	HYTEX INDUSTRIES, ASTRO BLACK CARPET 48-SRO	
ARN-EA-004	WOOD DECK ADD-ON	48" W X 84" H	HYTEX INDUSTRIES, ASTRO BLACK CARPET 48-SRO	
ARN-EA-005	END PANEL SET	6" W X 84" H	BLACK	
ARN-EA-006	ADJUSTABLE SHELF	48" W X 18" D	HYTEX INDUSTRIES, ASTRO BLACK CARPET 48-SRO	
ARN-EA-007	TV PLATFORM	65" W X 24" D X 12" H	HYTEX INDUSTRIES, ASTRO BLACK CARPET 48-SRO	
COMPUTER AREA				
ARN-CA-001	METAL WALL FRAME	92-1/2" H X 48" W	BLACK METAL POWDER COAT	COMPUTER AREA FIXTURE ORDER CONSISTS OF A (4) TYP. WALL UNIT SET (4 METAL WALL FRAMES, 2 END PANEL SETS, 29 FULL WALL PANELS OR 17 FULL WALL PANELS AND 4 HALF WALL PANELS) SEE STORE ORDER FOR ANY ADDITIONAL PARTS NEEDED FOR NON-TYP. COMPUTER AREA FIXTURES
ARN-CA-002	END PANEL SET	92-1/2" H X 6 1/2" W	BLACK SINTRA	
ARN-CA-003	SIGN PANEL	1'-11 1/4" H X 3'-11 7/8" W	WILSONART #7964K-12 SKYLINE WALNUT	
ARN-CA-004	FULL WALL PANEL	1'-11 1/4" H X 3'-11 7/8" W	WILSONART #7964K-12 SKYLINE WALNUT	
ARN-CA-005	HALF WALL PANEL	5" H X 3'-11 7/8" W	WILSONART #7964K-12 SKYLINE WALNUT	
ARN-CA-006	12" SHELF, STALK HOLES, ADJ. HARDWARE	1'-1 1/2" D X 3'-11" W	NORTHERN CONTOURS, #9031 OYSTER BAY	
ARN-CA-007	12" SHELF, ADJ. HARDWARE	1'-1 1/2" D X 3'-11" W	NORTHERN CONTOURS, #9031 OYSTER BAY	
ARN-CA-008	12" SHELF, NO HARDWARE (REMODEL)	1'-1 1/2" D X 3'-11" W	NORTHERN CONTOURS, #9031 OYSTER BAY	
ARN-CA-009	12" SHELF, WITH HOLES, NO HARDWARE (REMODEL)	1'-1 1/2" D X 3'-11" W	NORTHERN CONTOURS, #9031 OYSTER BAY	
ARN-CA-010	SET OF SKYLINE WALNUT PANEL INSERTS	SEE PLANS	WILSONART #7964K-12 SKYLINE WALNUT	
ARN-CA-011	COMPUTER BUNKER	SEE PLANS	SOLID SURFACE / LAMINATE	
ARN-CA-012	COMPUTER BUNKER WITH HOLES	SEE PLANS	SOLID SURFACE / LAMINATE	
BUY OUT	BLACK PLUG STRIPS			
OFFICE AREA				
SL7136DI	CONFERENCE DESK	71" W X 36" D X 29.5" H	AMERICAN ESPRESSO	ONE TYP. PER STORE, SEE PLANS FOR LAYOUT
SL4824DS	48" DESK SHELL	48" W X 24" D X 29.5" H	AMERICAN ESPRESSO	FOUR TYP. PER STORE, SEE PLANS FOR LAYOUT
SL8030DS	60" DESK SHELL	60" W X 30" D X 29.5" H	AMERICAN ESPRESSO	TWO TYP. PER STORE, SEE PLANS FOR LAYOUT
SL4824R	48" DESK RETURN	48" W X 24" D X 29.5" H	AMERICAN ESPRESSO	TWO TYP. PER STORE, SEE PLANS FOR LAYOUT
ARN1105-PE	PENCIL DRAWER		N/A	FOUR TYP. PER STORE, SEE PLANS FOR LAYOUT
9336P-4F1H	4 DRAWER FILE	36" W X 18" D X 62.25" H	BLACK	ONE TYP. PER STORE, SEE PLANS FOR LAYOUT
19P23FF	2 DRAWER DESK FILE		BLACK	TWO TYP. PER STORE, SEE PLANS FOR LAYOUT
QTG 10901 B	MANAGERS CHAIR		N/A	FOUR TYP. PER STORE, SEE PLANS FOR LAYOUT
6621	DUET CHAIR		SEAT: BLACK, FRAME: CHROME	THREE TYP. PER STORE, SEE PLANS FOR LAYOUT
SHOWROOM				
ARN-SR-001	FLOATING VIGNETTE WALL - STARTER UNIT	SEE PLANS	TIGER Dye Metallic Powder Coatings P14 - Glimmer #211	
ARN-SR-002	FLOATING VIGNETTE WALL - ADD-ON UNIT	SEE PLANS	TIGER Dye Metallic Powder Coatings P14 - Glimmer #211	
ARN-SR-003	ACRYLIC PANELS	4'-0" W X 4'-0" H		
ARN-SR-004	36" X 12" RISER	3'-0" W X 2'-0" D X 12" H	HYTEX INDUSTRIES, ASTRO BLACK CARPET 48-SRO	
ARN-SR-005	48" X 12" RISER	4'-0" W X 2'-0" D X 12" H	HYTEX INDUSTRIES, ASTRO BLACK CARPET 48-SRO	
FEATURE AREA				
ARN-FA-003	CEILING TRELLISES	SEE PLANS	FAUX WOOD PAPER TO MATCH IWA #79337-07 CAPELLLE LAMINATE	
BUY OUT	TRACK - 6" SINGLE CIRCUIT		WHITE	
BUY OUT	TRACK FIXTURE - PAR38 GIMBAL		WHITE	
BUY OUT	LED PAR 38 LAMP TCP		WHITE	
BUY OUT	EXTENSION WANDS	12", 18", 24", 30", 48"	WHITE	SEE STORE ORDER REQUEST FOR SIZE AND QUANTITY
BUY OUT	TRACK - FLOATING END FEED		WHITE	
BUY OUT	TRACK - T-BAR CLIP		WHITE	
BUY OUT	CROWN / PICTURE MOLDING KIT			
BUY OUT	PICTURE MOLDING KIT			
BREAKROOM				
ARN-BR-001	BREAKROOM CABINET	5'-0" W X 2'-1" D	NEVAMAR - #V56002T VOUS TEMPEST	ONE TYP. PER STORE, SEE PLANS FOR LAYOUT

FIXTURE SCHEDULE Scale NTS 1




Kinetic Design
29833 Santa Margarita Pkwy, Suite 300
Rancho Santa Margarita, CA 92688
Main: 951.710.6334 Web: kineticdesignbuild
Email: info@kineticdesignbuild



STAMP

REVISIONS		
No.	DATE	DESCRIPTION

CLIENT INFORMATION



Aaron's
400 GALLERIA PARKWAY, SUITE 300
ATLANTA, GA 30339
PHONE NUMBER: (678) 402-3000

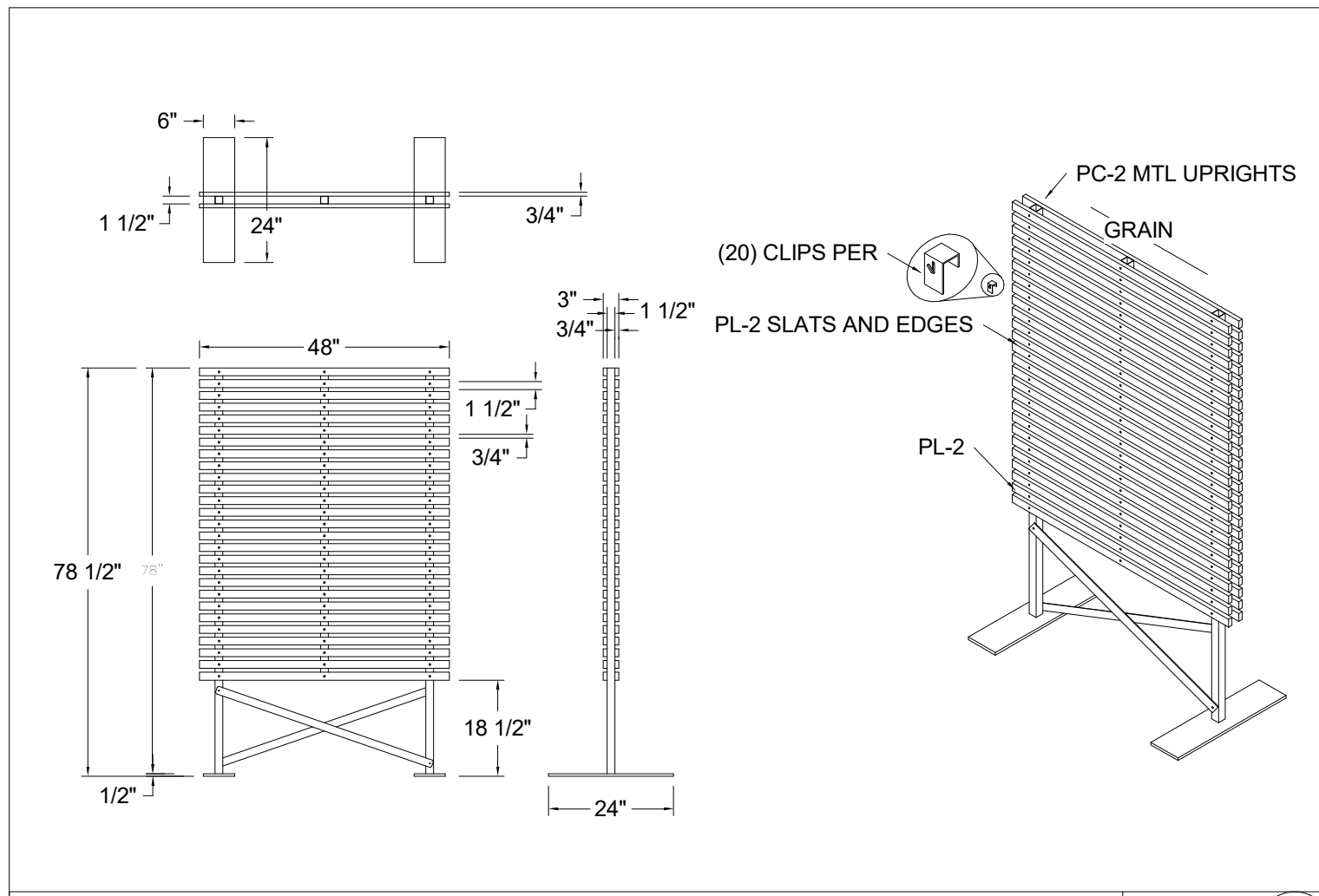
PROJECT NAME
AARON'S C0573 / C0618
29850 - 29900 LAKESHORE BLVD
WILLOWICK, OH 44095

SHEET NAME
FIXTURE PLAN

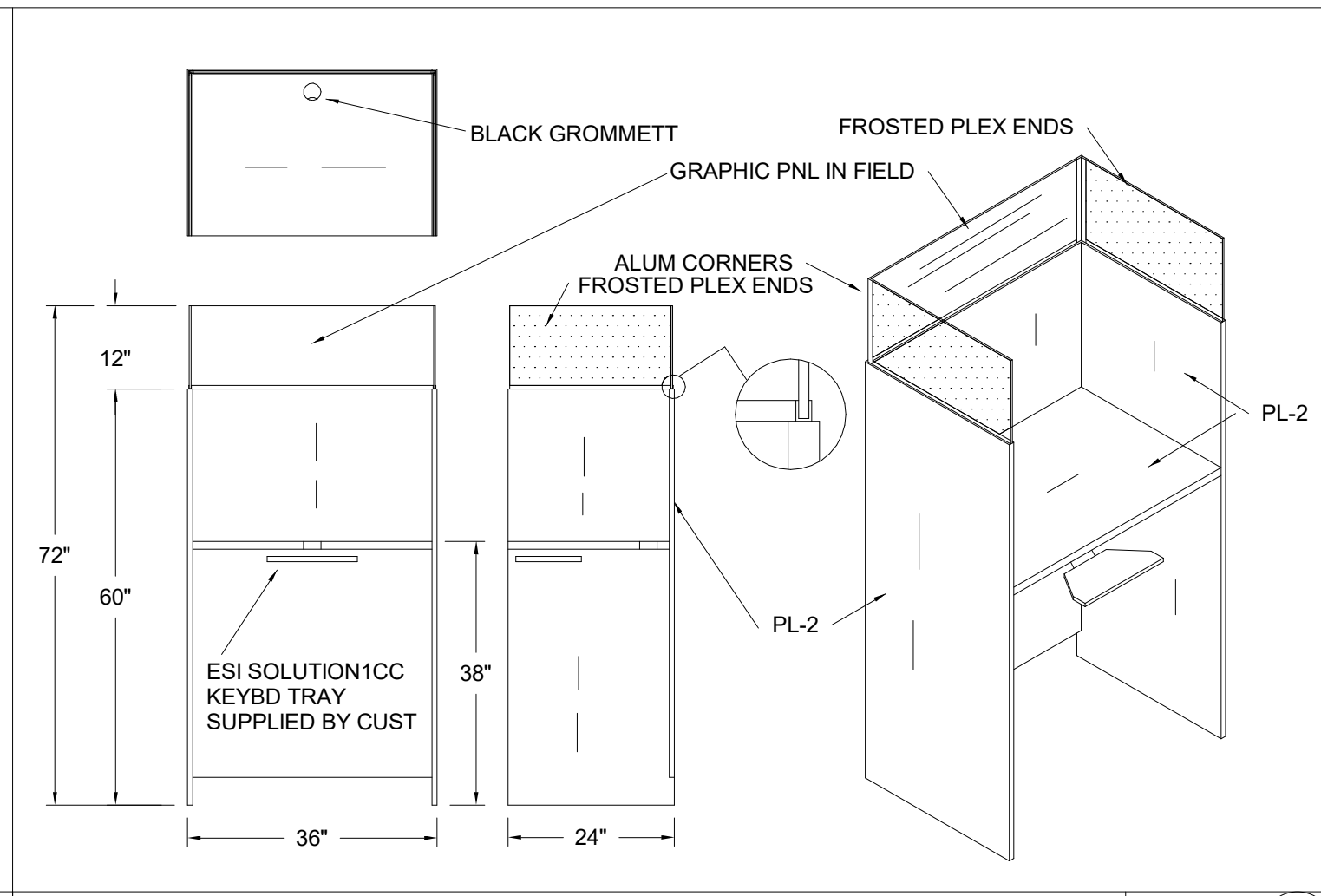
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DATE			03/07/23
SCALE			AS NOTED
PROJECT NUMBER			
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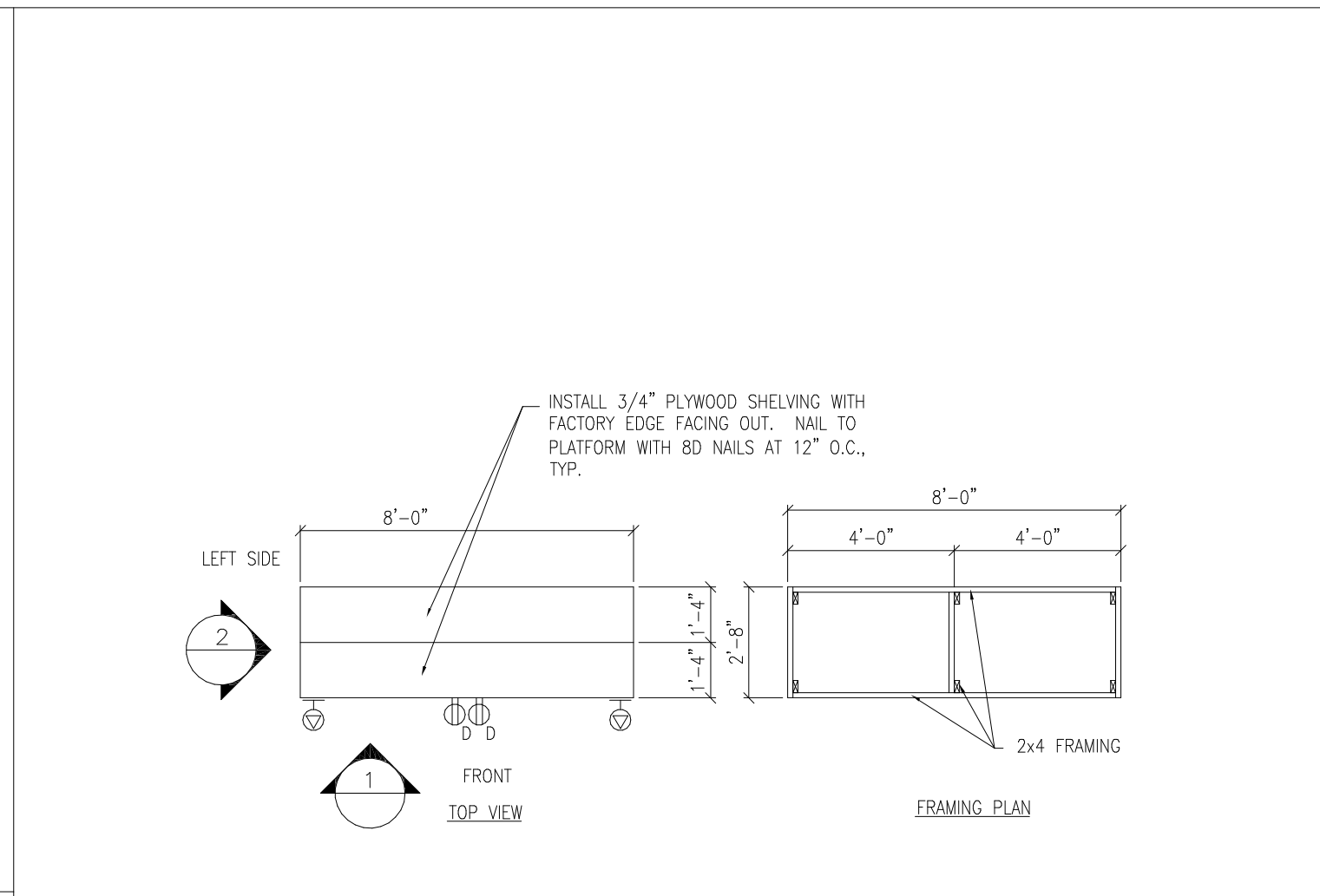
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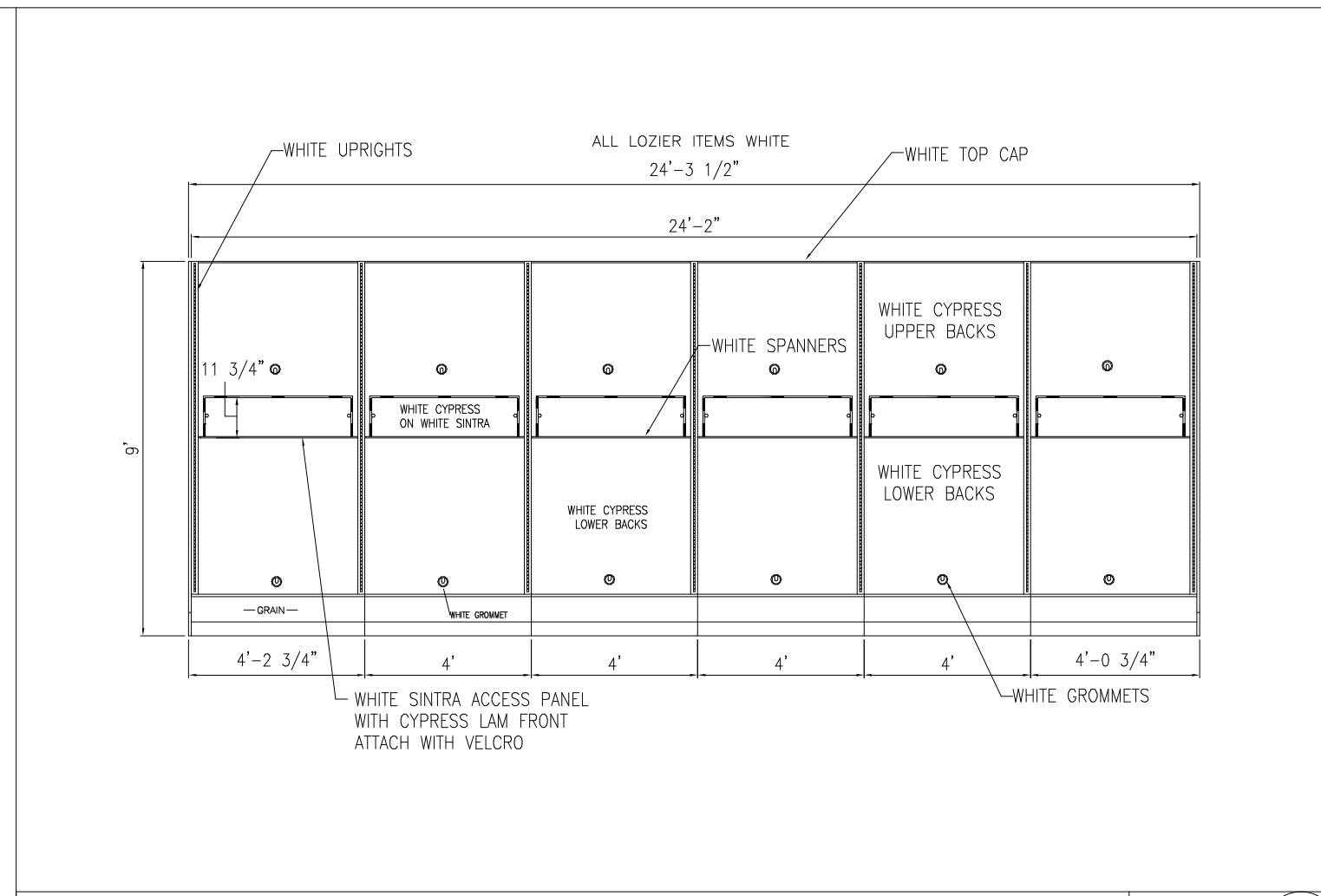
ACCESSORY PANEL Scale NTS 16



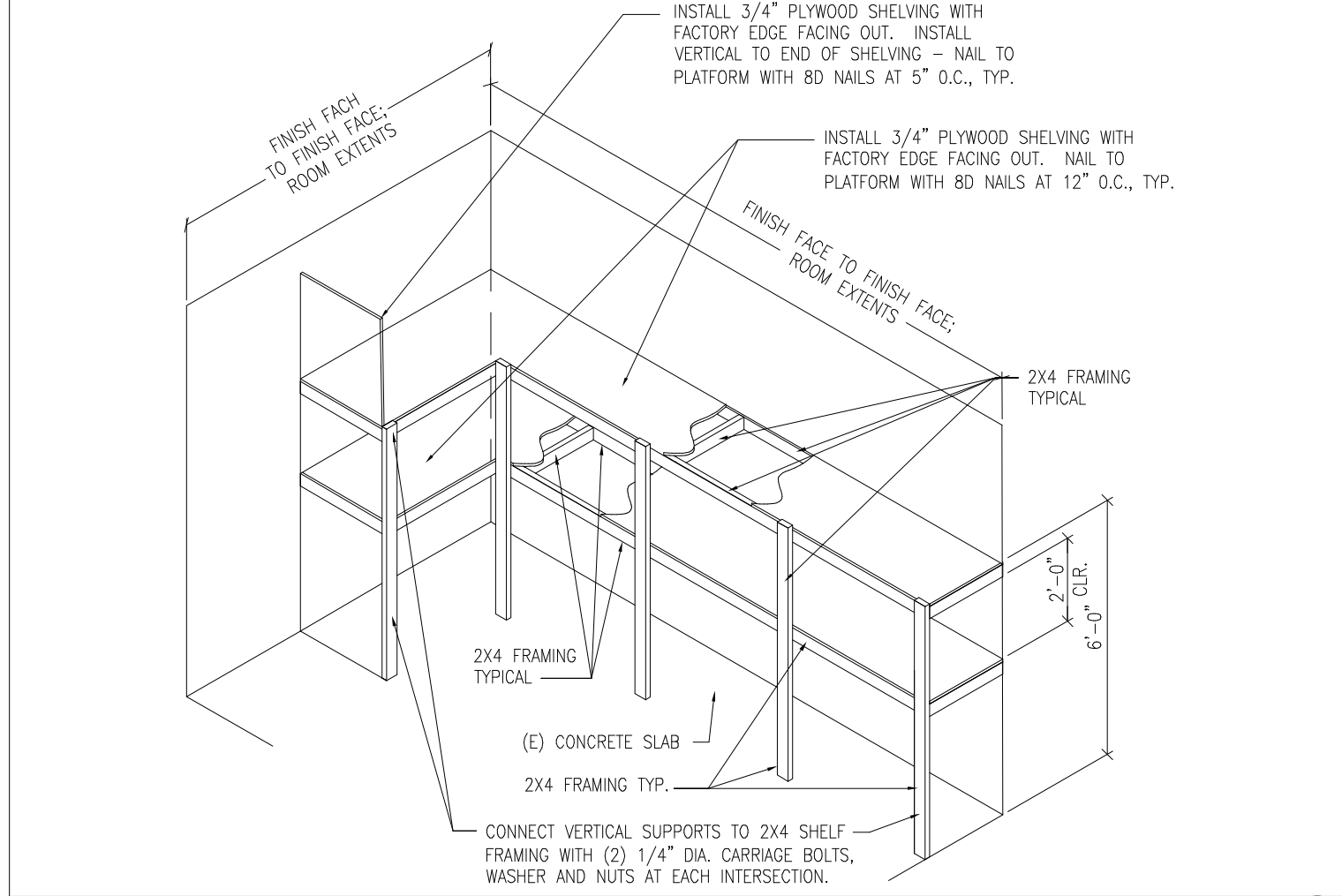
WONDERBOARD RCO DESK Scale NTS 12



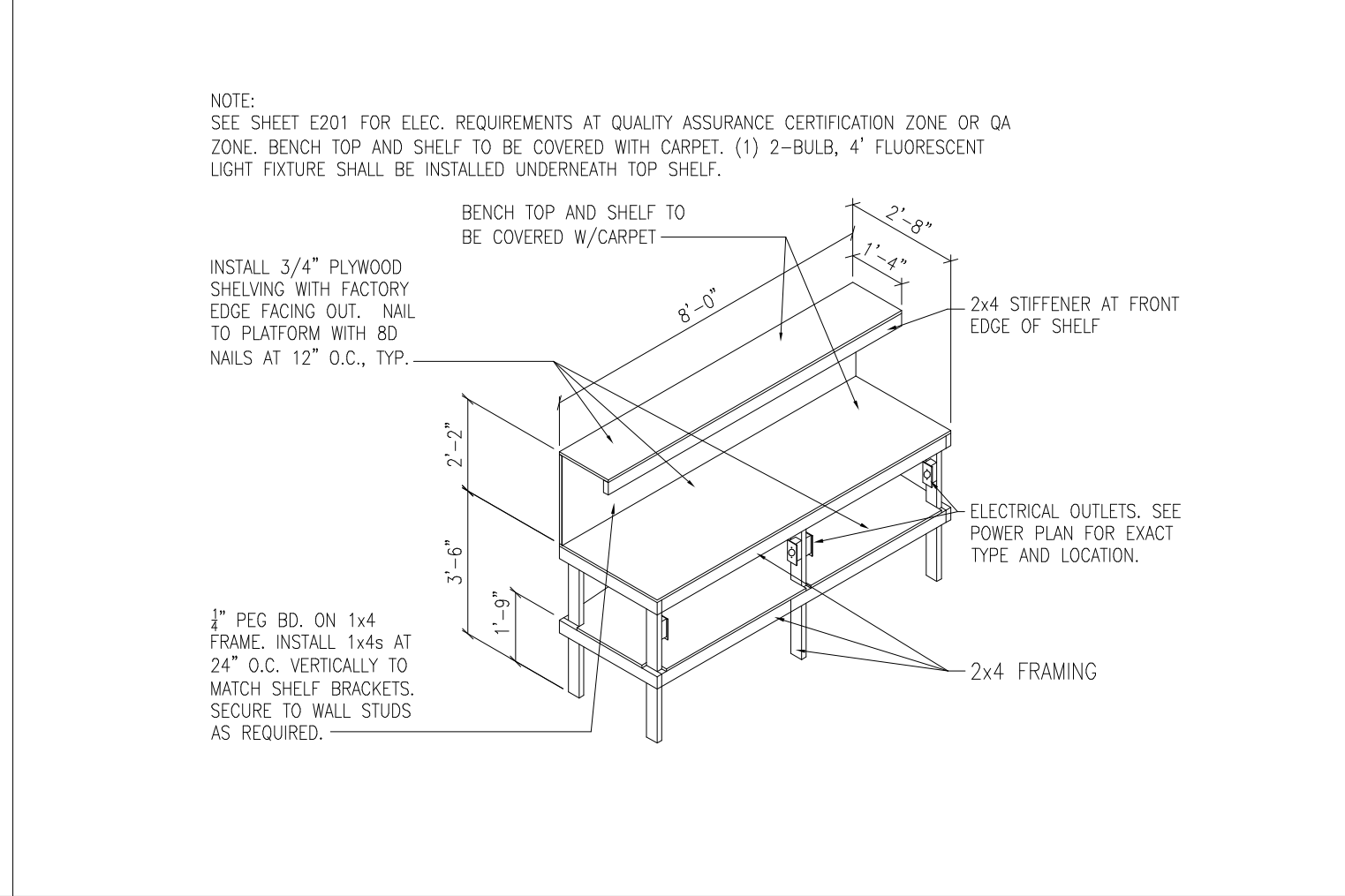
GAMING FIXTURE Scale NTS 5



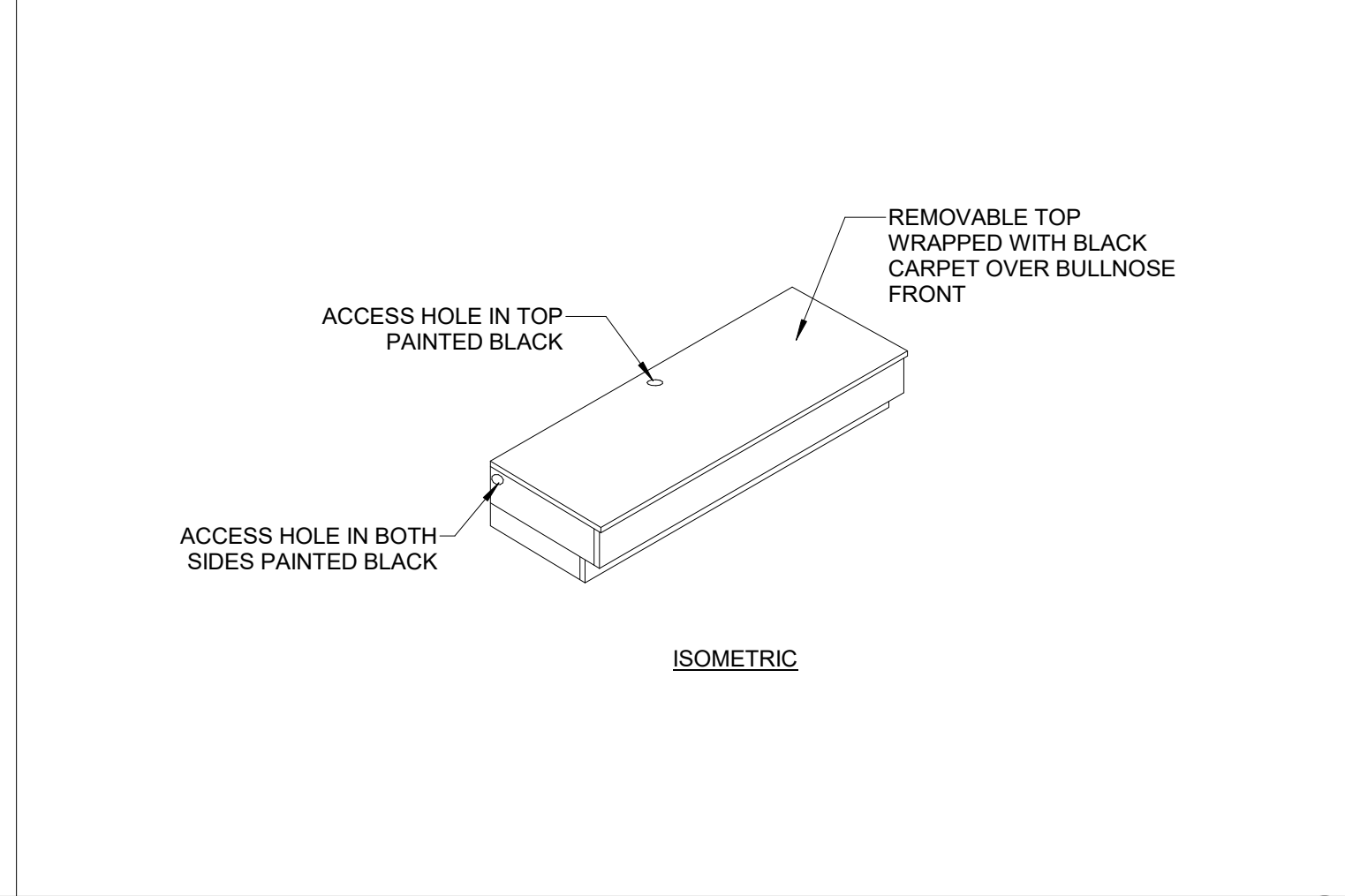
TV WALL ELEVATION Scale NTS 4



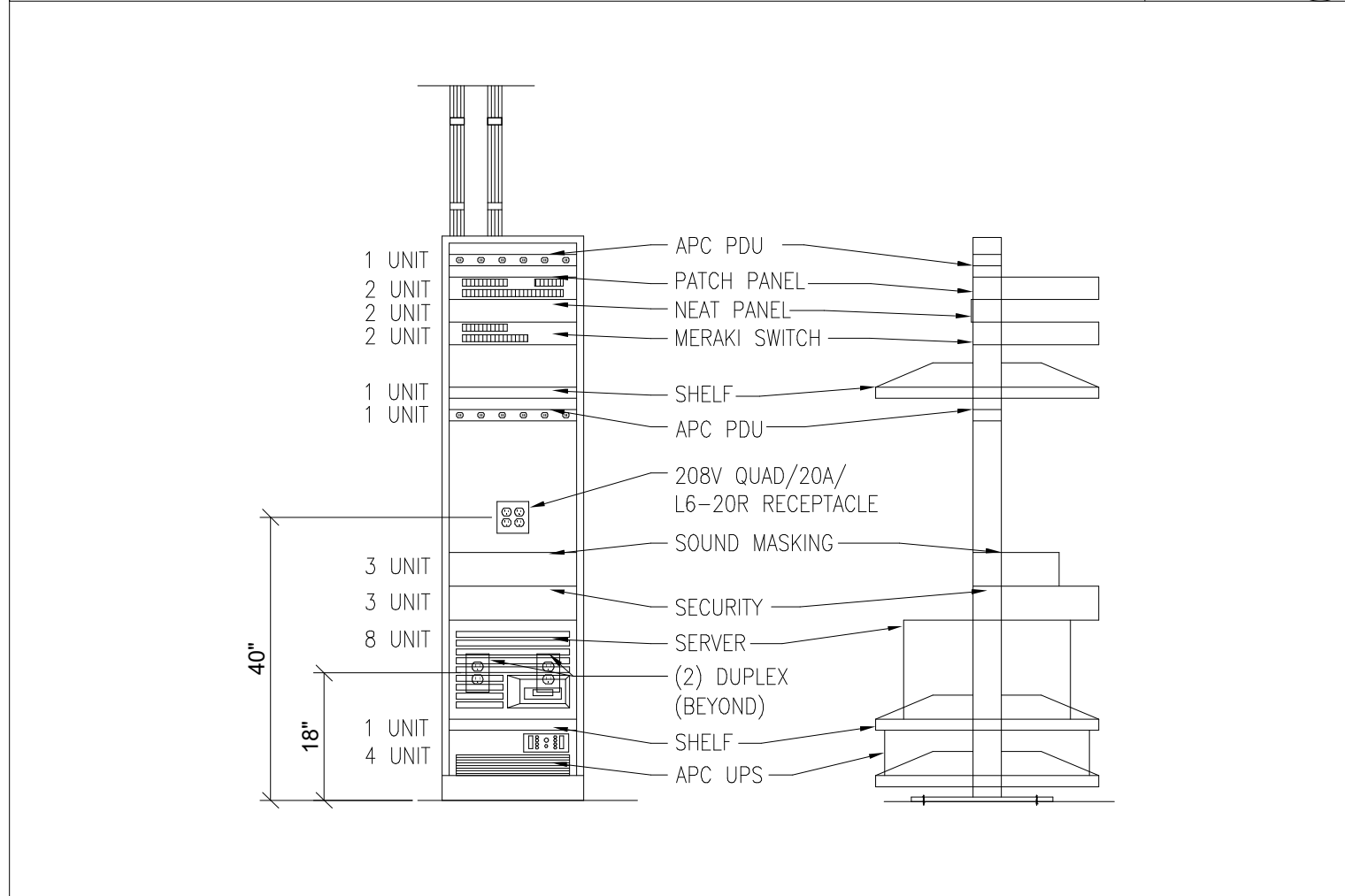
SECURITY ROOM SHELVING ISOMETRIC Scale NTS 15



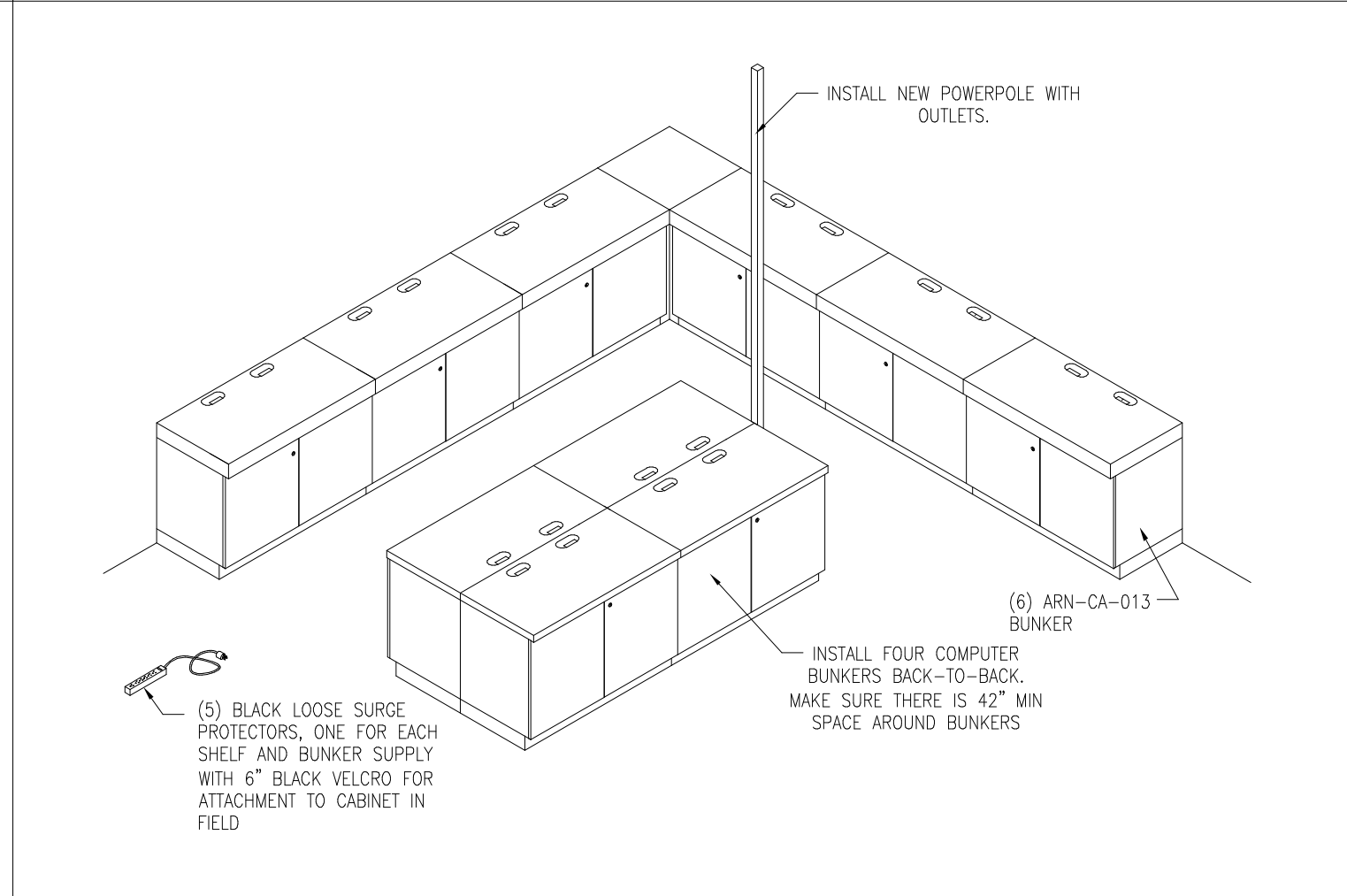
QA BENCH Scale NTS 7



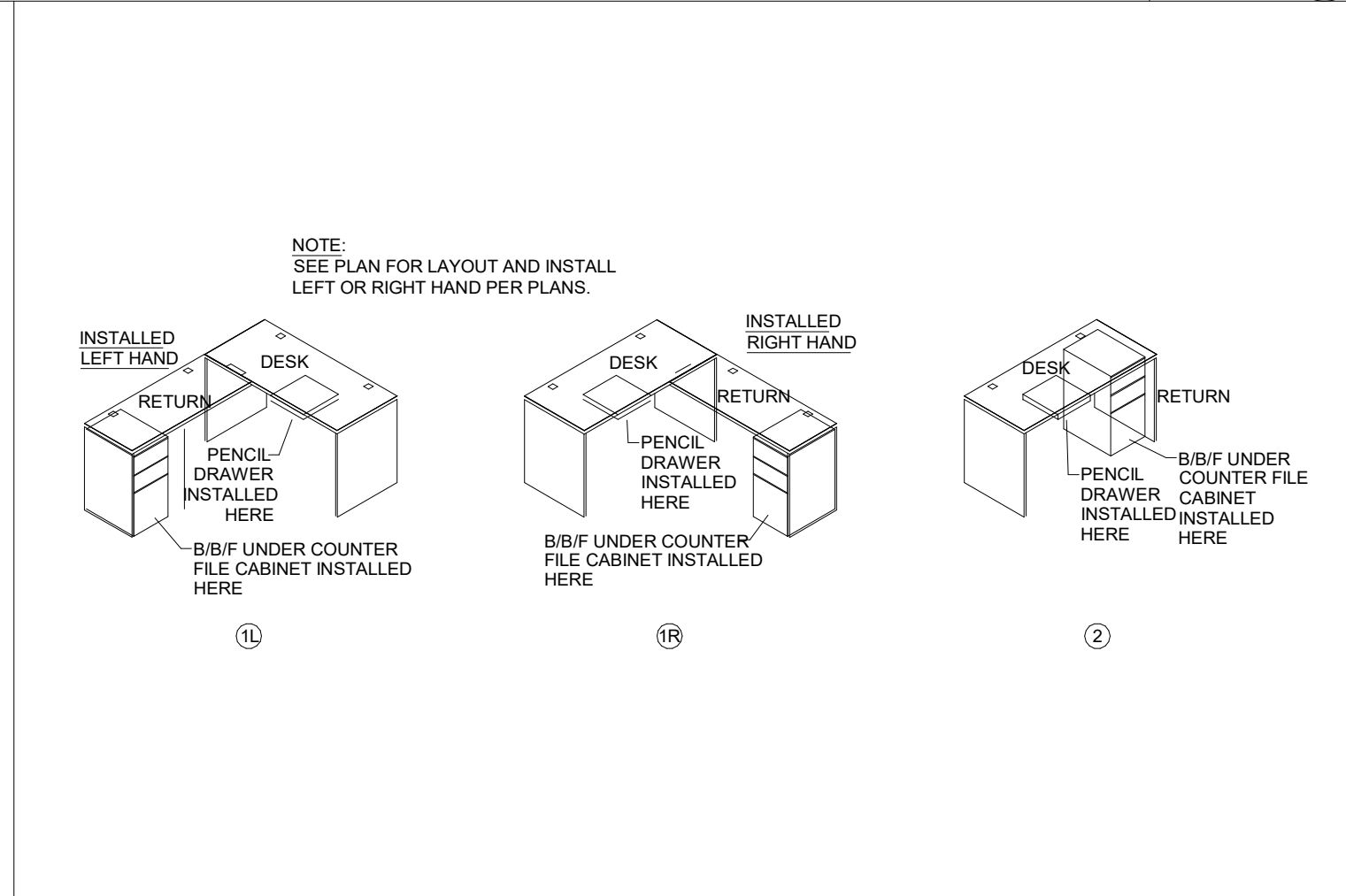
BEDROOM PLATFORM ISOMETRIC Scale NTS 3



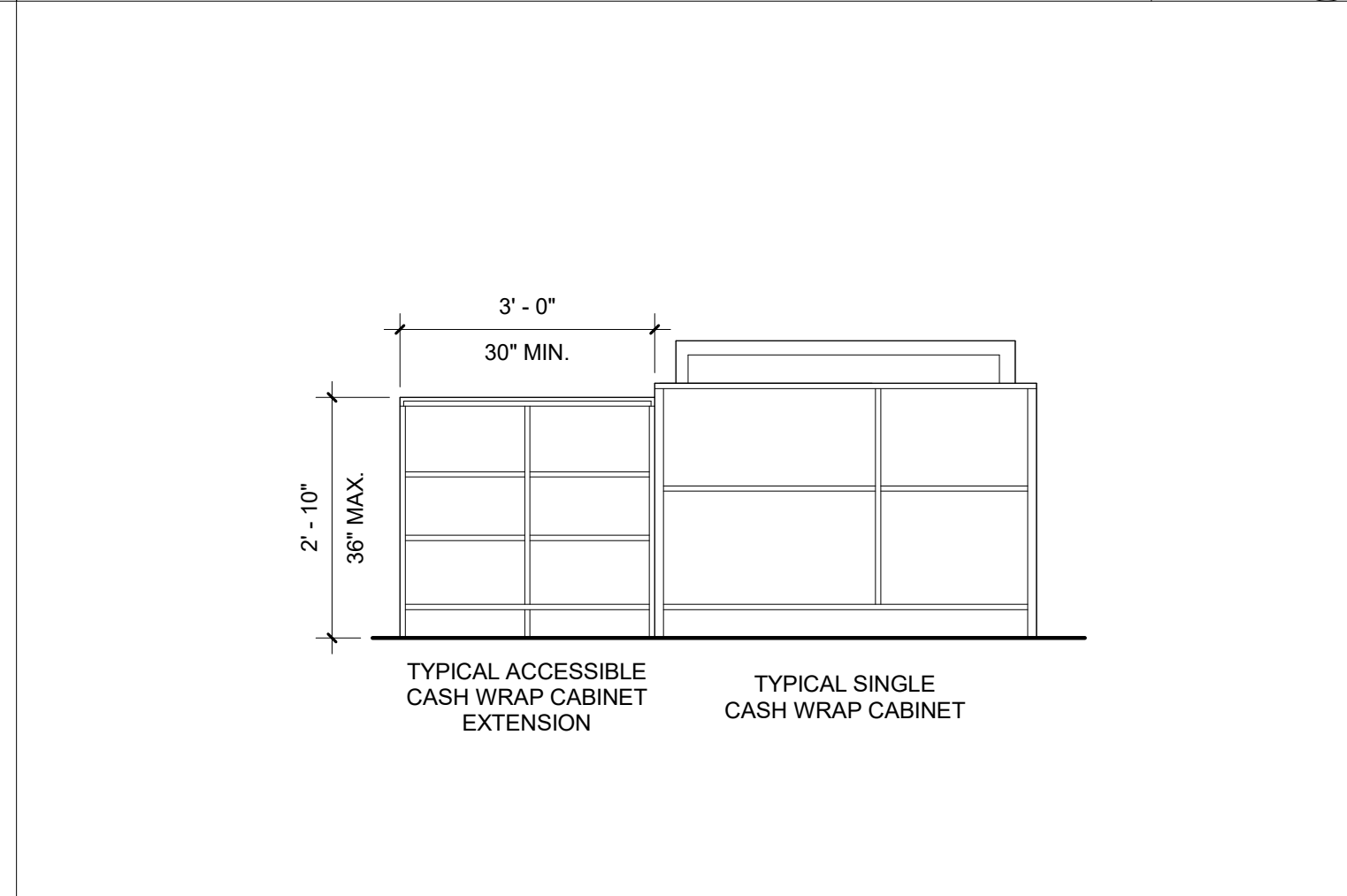
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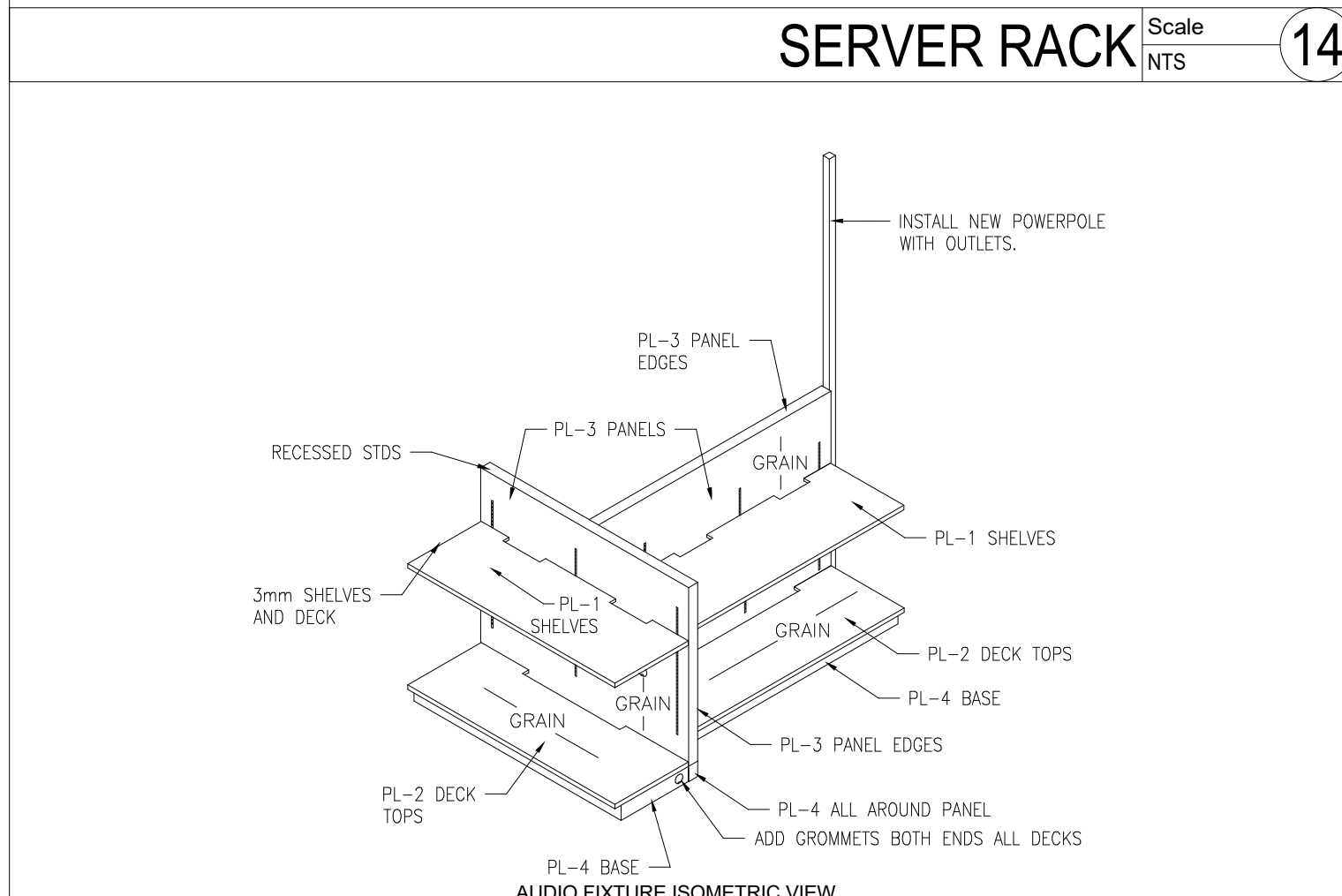
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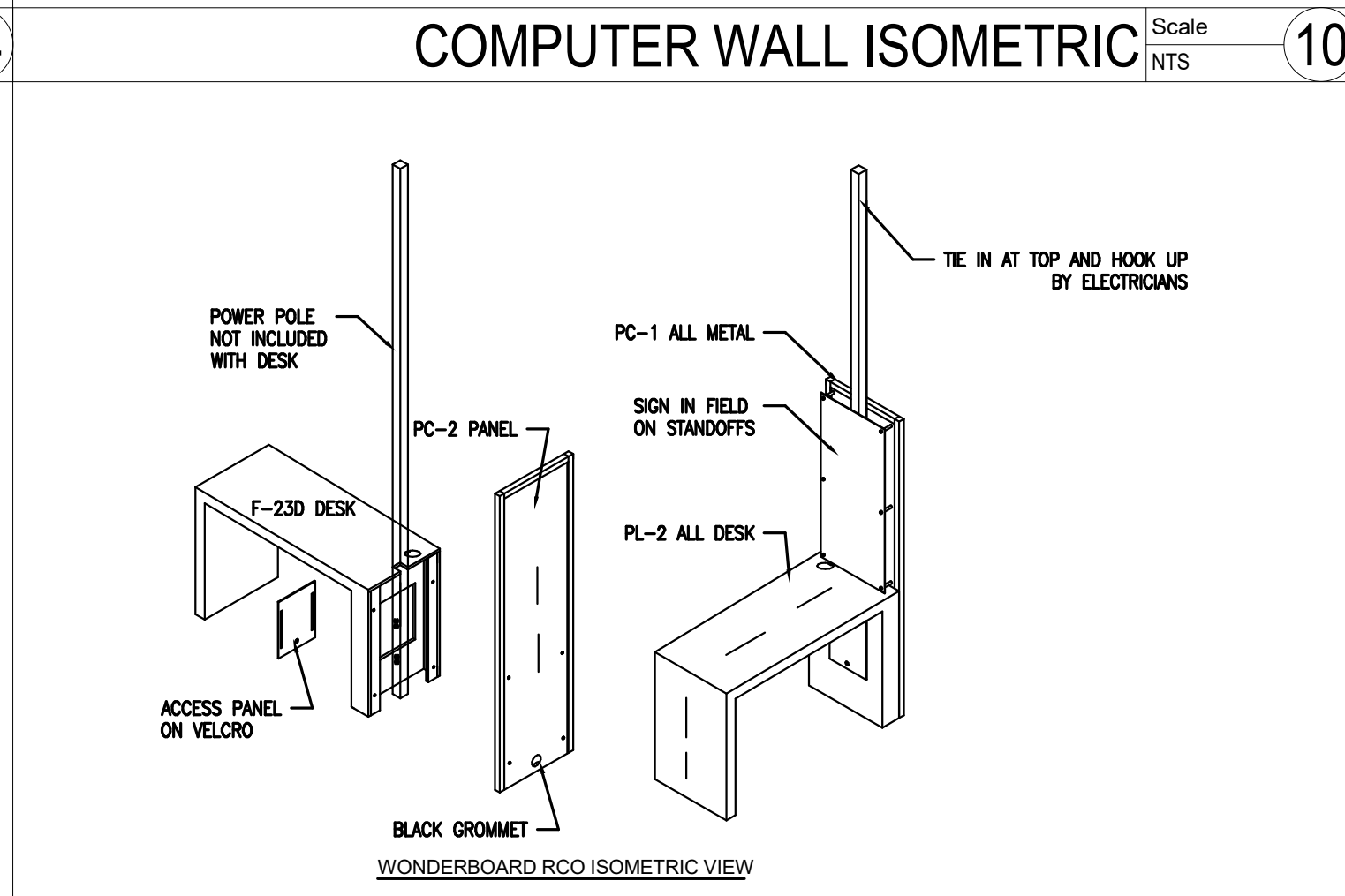
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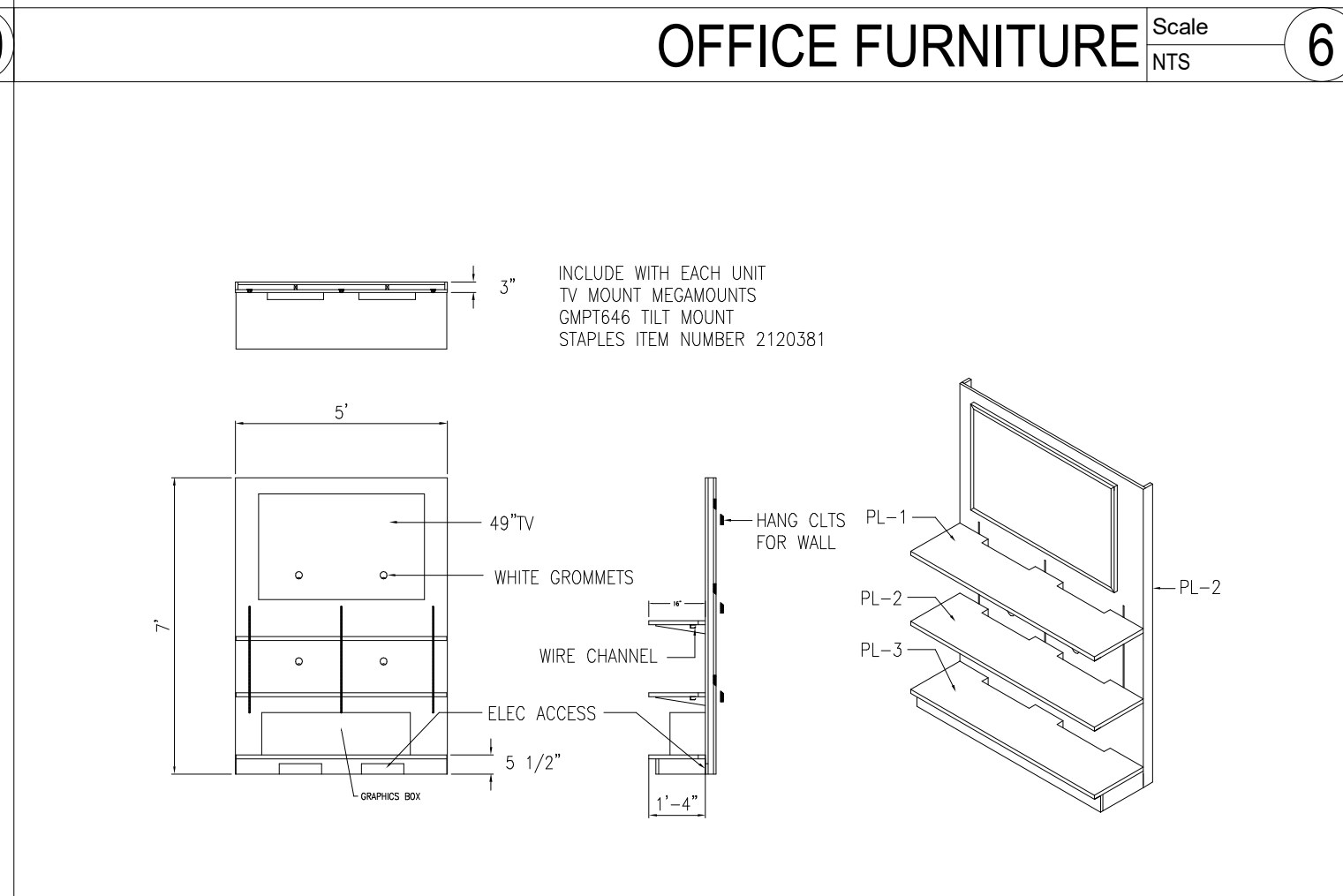
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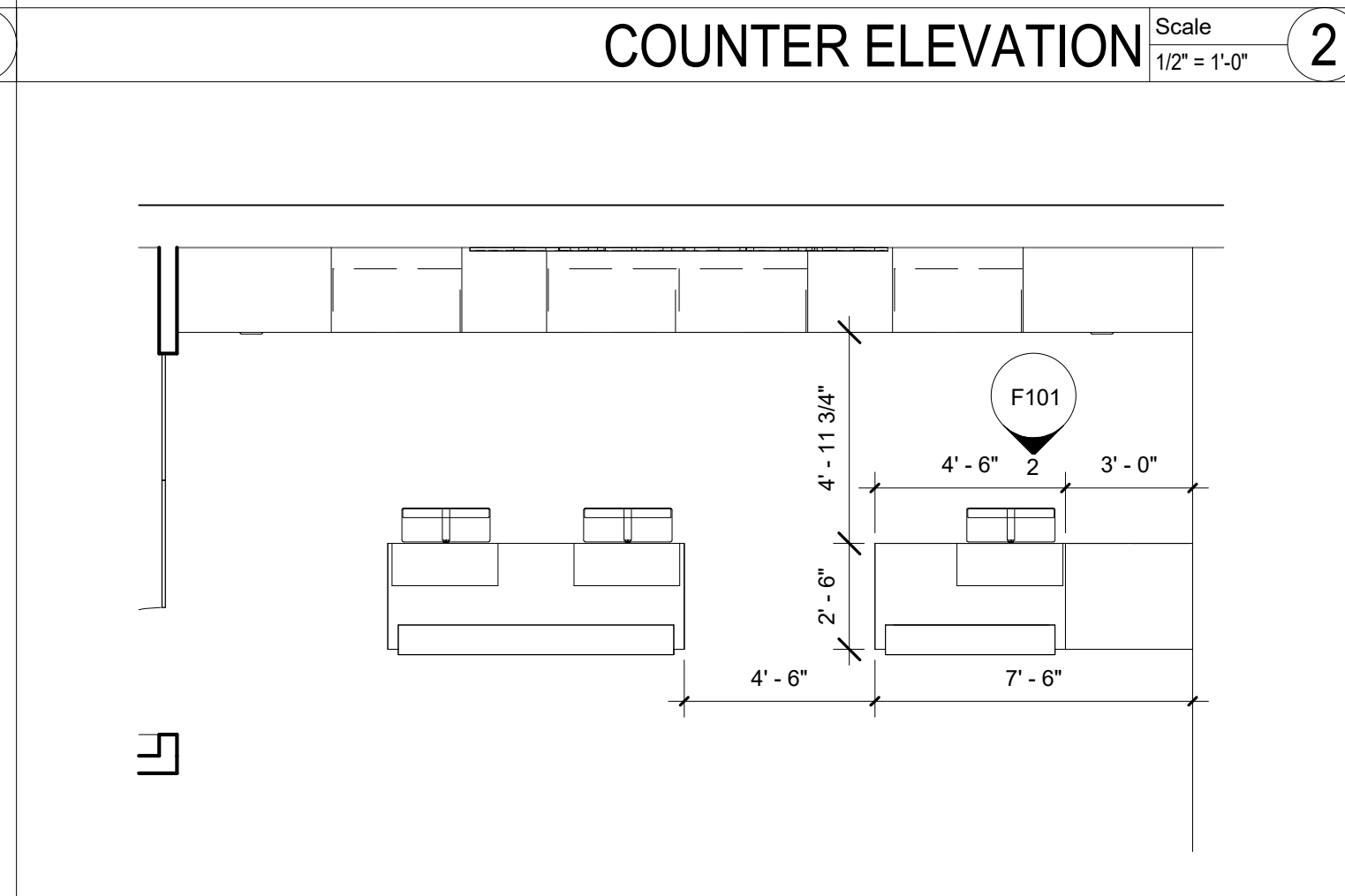
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WONDERBOARD RCO KIOSK ISOMETRIC Scale NTS 9



GAMING FIXTURE Scale NTS 5



ENLARGED COUNTER PLAN Scale 1/4\"/>

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Kinetic Design
 29833 Santa Margarita Pkwy, Suite 300
 Rancho Santa Margarita, CA 92688
 Main: 951.710.6334 Web: kineticdesign.build
 Email: info@kineticdesign.build

REVISIONS		
No.	DATE	DESCRIPTION

CLIENT INFORMATION

Aaron's
 400 GALLERIA PARKWAY, SUITE 300
 ATLANTA, GA 30339
 PHONE NUMBER: (678) 402-3000

PROJECT NAME
AARON'S C0573 / C0618
 29850 - 29900 LAKESHORE BLVD
 WILLOWICK, OH 44095

SHEET NAME
FIXTURE ISOMETRICS AND DETAILS

DRAWN	CHECKED
DATE	03/07/23
SCALE	AS NOTED
PROJECT NUMBER	
SHEET	

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Section 01000 Special Conditions

- A. Aarons Inc. Contract for Construction, General Conditions to the Contract for Construction and Project Addendum Conditions apply and govern this project.
B. Wherever the term "Contract" occurs in the documents, it shall refer to the provision in the Aaron's Inc. Contract for Construction Article 1.
C. Wherever the term "Owner" or "Owner's Representative" it shall refer to the following:
Aaron's Inc.
309 East Paces Ferry Road, NE
8th Floor
Atlanta, GA 30305
D. Wherever the term "Contractor" occurs in the documents, it shall refer to the Contractor per the Contract.
E. The Contractor shall coordinate his work and shall coordinate with any other separate contractors employed by the Owner, so as to avoid delays.
F. Prior to a bid submission, the Contractor shall examine the premises and verify existing conditions and dimensions affecting the work under this contract.
G. Prior to the start of work, the installer shall examine the work area and notify the Owner in writing of conditions which will adversely affect the execution, timely completion, and quality of his work.
H. If any of the provisions, plans, drawings or specifications are inconsistent with the Contract for Construction, The Contract for Construction shall govern and control.
I. Before making any code-related deviations from the drawings and specifications, the Contractor shall give the Owner's Representative written notice specifying the proposed deviation, the costs involved, and the reason therefore.
J. Prior to signing the Contract, if required by the Owner, the Contractor shall obtain and pay for performance and payment bonds in the amount of 100 percent (100%) of the contract amount.
K. Verify with Owner, designated locations for contractor's temporary field office, temporary sanitary facilities, refuse dumpster, and material/equipment tool storage.
L. Verify with Owner, designated locations of Contractor's employee parking.
M. Contractor shall establish and maintain all utilities accounts and meters (gas, permanent power, water & sewage) under his name until Owner shall confirm in writing that such accounts have been permanently transferred into Owner's name.
N. It shall be the responsibility of the Contractor to locate all existing utilities whether shown herein or not and to protect them from damage.
O. Contractor shall employ a licensed surveyor to lay out and establish lot lines, roof outside line and principal building lines as indicated on drawings.

Section 01310 Project Management And Coordination

- A. Prior to beginning work, Contractor shall provide a construction schedule bar chart with specified completion date. Contractor shall adhere to this schedule and completion date in accordance with Contract.

Section 01330 Submittal Procedures

- A. Prior to ordering equipment or fabricating fixtures, Contractor shall submit to the Owner in triplicate, shop drawings, product data or samples, if required, which reflect dimensions, utility requirements and installation requirements consistent with the drawings.
B. The use of brand or trade names in describing materials or products is intended to set a minimum standard for those items.
C. For Construction details not shown, use the manufacturer's approved shop drawings / data sheets in accordance with the Project Specifications.

01400 Quality Control

- A. Contractor shall be solely responsible for Quality Control of the work and shall maintain quality control over suppliers, manufacturers, products, services, site conditions and workmanship.
B. The Owner shall hire testing lab for required testing required by the specifications.
C. Minimum testing shall include but not be limited to:
1. Pavement subgrade Compaction
2. Building Pad Compaction
3. Concrete Cylinder/Break Test
4. Floor Flatness testing
5. Slab Moisture Testing
6. Roof installation testing

01500 Temporary Construction Facilities

- A. Contractor's Field Office Building: Provide a substantial, weather-tight office building on site.
B. Temporary Utilities: the Contractor will furnish Water and electricity for construction.
1. Except for telephone service, furnish electric service and utilities, and pay electric and utility costs for Owner's on-site job shack through the date of Substantial Completion.
2. Owner shall pay 100% of utilities after the date of Substantial Completion.

- C. Temporary Heat: Furnish temporary heat, including fuel and power, as required to protect materials and work from dampness and cold and to dry out the building.
D. Drinking Water: Furnish from a proven safe source for all those connected with the work.
E. Temporary Toilets: Provide chemical type toilets, adequate in number for all those connected with the work.
F. Temporary Enclosures: Provide wood batten doors and transparent plastic covered windows for exterior wall openings of building until it is dry.
G. On-Site Fire Protection: From the time the project starts until its completion and acceptance by the Owner, the Contractor shall maintain adequate fire extinguishers on the premises, readily available to his workmen.
H. Temporary Barricades and Fences: Contractor shall provide fences and all safeguards necessary for the convenience and protection of the public.

Section 01600 Material and Equipment

- A. Materials delivered to and stored at the job site shall be handled and stored so that no components shall be damaged in any way. The Owner reserves the right to reject any material that has been damaged because of improper delivery, storage or handling.

Section 01770 Closeout Procedures

- A. At completion of work, resilient floors shall be waxed and buffed. All carpet is to be vacuum cleaned.
B. Periodic observation of construction may be made by a licensed Architect or Civil Engineer.
C. At Project Closeout, the Contractor shall provide to the Owner all "as-built" plans, all guarantees, warranties and operating manuals, names of all Subcontractors, Sub-Subcontractors and material suppliers and roof warranties as further defined in the Aaron's Inc. General Conditions.

Section 06000 Carpentry

- A. Structural lumber, blocking, and nailers shall be new, dry, sound southern pine #2 or better with a maximum, moisture content of 19 %, minimum FB=1400 PSI for repetitive use.
B. Oriented Strand Board shall comply with DOC PS 2.
C. Where fire-retardant-treated materials are indicated, provide materials that comply with performance requirements in AWPAC20 (lumber) and AWPAC27 (plywood).
D. Plywood Backing Panels: For mounting electrical or telephone equipment, provide fire-retardant-treated plywood panels with grade, C-D Plugged Exposure 1, in thickness indicated or, if not otherwise indicated, not less than 3/4" thick.
E. Miscellaneous lumber shall be construction grade light framing size lumber for support or attachment of their work including bucks, nailers, blocking, grounds stripping, and similar member.
F. Bolt heads and nuts bearing on wood shall have metal washers.
G. Carpentry work shall conform to the best standards of practice. Work shall be laid out in accordance with the drawings, and to accommodate work of other trades.

Section 06400 - Laminate Counter System

- A. Contractor to install Owner provided countertop systems as indicated on the drawings and approved by the Owner. Provide accessories as required for complete finished installation.

Section 07131 Self-Adhering Sheet Waterproofing

- A. Material shall be a factory manufactured combination of a polyethylene sheet and rubberized asphalt bonded together to form a membrane.
B. Acceptable Alternate manufacturers:
1. Mirafi; Miradri 860/861
2. Carlisle Corporation, CCW 701.
3. W. R. Meadows, Inc.; Mel-Rol.
4. American Hydrotech, Inc.; VM 75.
5. Pecora Corporation; Duramem 700-SM.
6. Polyguard Products, Inc.; Polyguard 650.

Section 07200 Building Insulation

- A. Faced Mineral-Fiber Blanket Insulation: ASTM C 665, Type III, Class A; Category 1, faced with foil-scrim-kraft, foil-scrim, or foil-scrim-polyethylene vapor-retarder membrane on one face.
B. Interior Sound Attenuation: Provide 3-1/2" unfaced glass fiber batts for interior sound attenuation purposes at walls, ceilings and other locations where shown or scheduled on the Drawings.
C. Install Batt insulation in accordance with Manufacturer's Instructions:
1. Place Batt insulation in partitions tight within spaces around cut openings, behind and around electrical and mechanical items within or behind partitions and tight to items passing through partitions.
2. Trim insulation neatly to fit spaces. Fill gaps or voids with insulation.
3. Install insulation with factory applied membrane facing warm side of building space.

Section 07245- Direct to Masonry Acrylic Finish System

- A. Description: System consists of Base Coat, Reinforcing Mesh and Finish Coat without EPS.
B. Warranty
1. Provide Manufacturer's five (5) year finish materials coatings warranty for Surfacing System installations.
C. Manufactures
1. Finestone Surfacing System for Unit Masonry Wall System by Finestone
2. ACF; by Parex
3. TAFS by Dryvit Systems Inc
D. Basis of Design: Finestone
E. Materials
1. Adhesive Base Coat: Finebuild Base Coat: 100% acrylic base coat, field-mixed with Portland cement, manufactured by Finestone.
2. Portland cement: conform to ASTM C150, Type I, II, or III, grey or white; fresh and free of lumps.
3. Water: Clean and potable without foreign matter.
4. Finestone Reinforcing Mesh: MIL-V-140G; Balanced, open weave glass fiber reinforcing mesh; twisted multi-end strands treated for compatibility with Finestone Surfacing System components.
5. Standard Mesh 4: standard weight, 4.5 oz/sq yd.
6. Corner Mesh: Double layer of standard mesh for reinforcing at exterior/interior corners.
7. Primer: Sanded Primer.
8. Finestone Finish Coat: Pebbletex: 100% acrylic resin finish; air cured, compatible with Base Coat; with supplemental biocide and mildewcide additive.
9. Insulation Board used for Foam Shapes: Expanded Polystyrene meeting the Acrylic Finish System Manufacturer's Specification for Insulation Board.
F. Preparator:
1. Examine surfaces to receive the Surfacing System and verify that substrate and adjacent materials are dry, clean, cured, sound and free of releasing agents, paint, or other residue or coatings.
2. Unit Masonry Wall System shall be installed with struck joints and installed in horizontal line and plumb within 1/4" per 20 feet per Unit Masonry Assembly Section.
3. Coordinate location of masonry control joints, through wall flashing and weeps penetrating Finish System with Architectural Drawings.

- G. Application:
1. General: Apply Finestone Surfacing System materials to Unit Masonry Wall System in accordance with current Finestone product bulletins.
2. Finestone Base Coat/Reinforcing Mesh: Base Coat / Leveling Coat shall be applied so as to achieve Reinforcing Mesh embedment with no Reinforcing Mesh color visible at a minimum thickness of 1/16" to maximum thickness of 1/4".
a. Immediately place Reinforcing Mesh against wet Base Coat and embed the Reinforcing Mesh into the Base Coat by troweling from the center to the edges.
b. Ensure Reinforcing Mesh is continuous at corners, void of wrinkles and embedded in Base Coat so that no mesh color is visible.
c. Allow the base coat mixture to cure a minimum of 4 days between coats until completely dry.
d. Apply secondary coat as required to provide level 1/8" thick minimum system base coat.
3. Mechanically fasten Cement Board Accent bands and bond supplemental EPS shapes as indicated on the drawings.
4. Primer:
a. Apply primer to the Reinforced Base Coat by brush, roller or spray.
b. Allow primer to dry thoroughly (approximately 6-8 hours) prior to application of Finish Coat.
5. Finish Coat:
a. Apply and level Finish Coat during same operation to minimum obtainable thickness consistent with uniform coverage.
b. Maintain a wet edge on Finish Coat by applying and texturing continually over the wall surface.
c. Work Finish Coat to corners, joints, or natural breaks and do not allow material to set up within an uninterrupted wall area.
d. Float Finish Coat to achieve final texture.
e. Sealer: Install manufacturer's UV stabilized, midewcide and algicide Matte Clear Sealer to all surfaces.
6. Joints:
a. Extend base coat 1/2" into horizontal and vertical termination joints. Finish Coat shall be installed flush with joint surface and backer rod and sealant installed against the base coat per Joint Sealant section.

Section 07500-Membrane Roofing System

- A. Roofing System Design: Provide a membrane roofing system that is identical to systems that have been successfully tested by Factory Mutual to conform with Factory Mutual Standard 1-28 to resist uplift pressure calculated shown on Structural Drawing S0.0 "General Notes" for Wind Speed, Wind Exposure and Component and Cladding (Wind Pressure Schedule).
B. Provide all roofing accessories from same manufacturer to maintain a certified, warranted roofing system.
C. Submittal:
1. Shop Drawings: For roofing system. Include plans, elevations, sections, details, and attachments to other Work.
a. Base flashings and membrane terminations.
b. Tapered insulation, including slopes.
c. Insulation fastening patterns.
2. Installer Certificates: Signed by roofing system manufacturer certifying that Installer is approved, authorized, or licensed by manufacturer to install roofing system.
3. Manufacturer Certificates: Signed by roofing manufacturer certifying that roofing system complies with requirements specified in "Roofing System Design" Article.
4. Submit evidence of meeting performance requirements.
5. Warranties: Special warranties specified in this Section.
6. Inspection Report: Copy of roofing system manufacturer's inspection report of completed roofing installation.
D. Warranty:
1. Provide 20 year manufacturer's warranty.
E. Roofing shall be Firestone Ultraply TPO 45 mil, White, Fully Adhered Membrane Roofing System.
1. Note to Designer: Verify with Aaron's Project Manager, Roofing Material and Color.
F. Polyisocyanurate Board Insulation: ASTM C 1289, Type II, felt or glass-fiber mat facer on both major surfaces.
1. Manufacturers: as approved by roofing manufacturer.
2. Insulation: Minimum "in-service" average of R-20 with minimum thickness of 1" R-value used to calculate total thermal resistance shall be 5.6 per inch (25 mm) of thickness to arrive at a total "in-service" value.
3. All polyisocyanurate insulation shall be produced using non-ozone-depleting hydrocarbon blowing agents.
G. Field Quality Control
1. Testing Agency: Owner will engage a qualified independent testing and inspecting agency to perform roof tests and inspections and to prepare test reports.
2. Final Roof Inspection: Arrange for roofing system manufacturer's technical personnel to inspect roofing installation on completion and submit report to Architect.
3. Notify Owner 48 hours in advance of date and time of inspection.
4. Repair or remove and replace components of membrane roofing system where test results or inspections indicate that they do not comply with specified requirements.
5. Additional testing and inspecting, at Contractor's expense, will be performed to determine compliance of replaced or additional work with specified requirements.

07600 Flashing And Sheet Metal

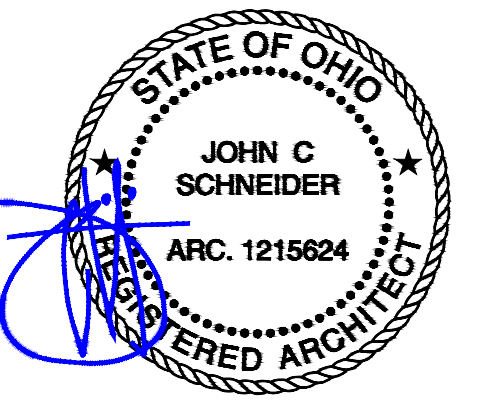
- A. Flashing Materials
1. Galvanized Sheet Steel
a. Hot dipped zinc coated sheet steel; 1 1/2 oz. per sq. ft. coating treated to hold paint.
b. A.S.T.M. A-93.
c. Arcco "Zinc Grip", Republic "U-Lay" or approved equal.
d. Minimum 24-gauge thickness.

07710 Roof Accessories

- A. Curb Mounted Roof Hatch:
1. Manufacturer: Bilco or approved equal
a. Model S-50, primed finish.
b. Size: Provide 36 inch x 30 inch with hasp, eye, and padlock.
c. Install on fixed ladder below hatch cover Model 1 LadderUP safety post as manufactured by The Bilco Company, New Haven Connecticut or equal. Device shall be manufactured of high strength steel with telescoping tubular section that locks automatically when fully extended. Upward and downward movement shall be controlled by a stainless steel spring balancing mechanism. Finish shall be black enamel. Unit shall be completely assembled with fasteners for securing to the ladder rungs in accordance with the manufacturer's instructions.



29833 Santa Margarita Pkwy, Suite 300
Rancho Santa Margarita, CA 92688
Main: 951.710.6334 Web: kineticdesign.build
Email: info@kineticdesign.build



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REVISIONS

Table with 3 columns: No., DATE, DESCRIPTION

CLIENT INFORMATION

Aaron's
400 GALLERIA PARKWAY, SUITE 300
ATLANTA, GA 30339
PHONE NUMBER: (678) 402-3000

PROJECT NAME
AARON'S C0573 / C0618
29850 - 29900 LAKESHORE BLVD
WILLOWICK, OH 44095
SHEET NAME
SPECIFICATIONS

Table with 2 columns: DRAWN, CHECKED; DATE, SCALE; PROJECT NUMBER, SHEET

G101

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07920 Masonry Joint Sealants

- A. Provide electrometric joint sealants that establish and maintain watertight and airtight continuous joint seals without staining or deteriorating joint substrates
- B. Electrometric Sealants: Comply with ASTM C 920 and other requirements indicated for each liquid-applied chemically curing sealant specified, including those referencing ASTM C 920 classifications for type, grade, class, and uses related to exposure and joint substrates.
- C. Stain-Test-Response Characteristics: Where electrometric sealants are specified to be nonstaining to porous substrates, provide products that have undergone testing according to ASTM C 1248 and have not stained porous joint substrates indicated for Project.
- D. Single-Component Neutral-Curing Silicone Sealant (low modulus):
1. Uses:
a. Masonry to steel door frames.
b. Masonry to aluminum storefront and curtain wall.
c. Concrete/masonry to concrete/masonry.
d. Direct to Masonry Acrylic Coatings
2. Type and Grade: S (single component) and NS (nonsag).
3. Products:
a. Tremco; Spectrem 3.
b. GE Silicones; SilPruf SCS2000.
c. Pecora Corporation; 864.
d. Pecora Corporation; 890.
e. Polymeric Systems Inc.; PSI-641.
f. Sonneborn, Division of ChemRes Inc.; Omniseal.

07925 Joint Sealants

- A. Latex Sealant:
1. Uses: General purpose interior and exterior caulking and as a back bedding glazing compound. Acoustical seal in the construction of interior walls, ceilings and floors to reduce Sound Transmission Class (STC) of partition walls. Interior joints that will be painted such as door and window frame perimeters and precast concrete plank joints.
2. Type and grade: ASTM C 834, Type P, Grade NF
3. Silicone-Emulsion Sealant: "Trade Mate Paintable Glazing Sealant," Dow Corning Corp.
4. Products:
a. Tremco; Tremflex 834.
b. Pecora Corporation; AC-20+.
c. Sonneborn, Division of ChemRes Inc.; Sonolac.
- B. Sanitary Sealant
1. Uses: Weatherlight seal to glass, metal, porcelain, ceramic and most painted surfaces. White and Clear colors can contain a fungicide making the sealant suitable for use in bathrooms, spas and similar applications where joints need protection against fungi and bacteria.
2. Type and Grade: S (single component) and NS (nonsag).
3. Single-Component Mildew-Resistant (Sanitary) Acid-Curing Silicone Sealant
4. Products:
a. Tremco; Tremsil 200 (White or Clear).
b. Dow Corning Corporation; 786 Mildew Resistant.
c. GE Silicones; Sanitary SCS1700.
d. Pecora, 898 Silicone-Sanitary Sealant.

Section 08200-Doors

- A. Hollow metal door and frame materials and insulation shall conform to the standards of the steel door institute (SDI). Doors shall be Amweid, Ceco, Steelcraft, or approved equal doors.
1. Exterior Doors shall be flush metal 16 gauge.
2. Interior Doors shall be flush metal 20 gauge unless noted otherwise.
- B. Core Construction:
1. Interior Doors: Manufacturer's standard kraft-paper honeycomb that produces doors complying with ANSI A250.8.
2. Exterior Doors: Manufacturer's polystyrene that produces doors complying with ANSI A250.8.
- C. Frames for all doors shall be 16 gauge and shall include reinforcement, wall anchors, security reinforcing, base anchors and silencers in frames.
- D. Exterior doors shall have no pre-drilled lockset and or door level holes (Blank cover plates covering holes are not acceptable).
- E. Interior wood doors in welded metal frames shall be solid core stain grade birch machined to fit metal frames. All interior wood doors will be finished with 2 coats of clear satin polyurethane.

08305 Access Doors

- A. Manufacturer: Karp
- B. Configuration:
1. Frames: 16 gage (.0598 inch) sheet steel with flange suitable for adjacent material.
2. Doors: 14 gage (.0625 inch) sheet steel.
3. Door Type: Flush panel.
4. Locking Devices: Key operated Cylinder Locking Device
5. Finish: Primed

Section 08360-Overhead Doors

- A. Overhead Door Design:
1. Overhead door shall be designed to resist wind pressure shown on Structural Drawing S0.0 "General Notes" for Wind Speed, Wind Exposure and Component and Cladding (Wind Pressure Schedule). If design information is not shown on Structural drawings, design loading shall comply with ASCE7.
2. Manufacturer: Overhead Door Corporation
3. Model: Series 620, F-265 Flat Slat, 18 gauge. Provide standard steel angle track installation with chain hoist, locking hasp and bottom rail slide bolts on each side.
4. Color: Manufacturer standard Grey.
- B. Security Entrance Rolling Door:
1. Affiliated Construction Specialists, Inc. Surface Mounted to aluminum storefront framing. Rollup security door shall match door width and height including transom above. Top of hood to align with top of transom. Provide pull down strap to elevation 7'-0".

Section 08400-Aluminum Storefront System

- A. Storefront System Design: Storefront and Glazing system shall be designed to resist wind pressure shown on Structural Drawing S0.0 "General Notes" for Wind Speed, Wind Exposure and Component and Cladding (Wind Pressure Schedule). If design information is not shown on Structural drawings, design loading shall comply with ASCE 7.
1. Note to Designer: Verify if Hurricane Requirements apply to specific project site. This may include projects within 10 miles of the coast line along the Gulf of Mexico and south Atlantic states and will require storefront and glazing systems meeting higher design requirements per the building code.
B. Submit color sample to Architect and Owner for approval.
C. Kawneer Tri-FAB 451 Center Set Outside Glazed Non-thermal System - to be installed as per manufacturer's requirements and as specified herein (Oldcastle Glass Vista Wall FG -3000 or YKK Yes 45 FI are acceptable equals).
1. Finish to be Clear Anodized.
2. Window glazing to be 1" clear insulated tempered glass. Door glazing to be 1/4" clear tempered glass.
D. Doors to be medium-style standard doors. Finish of doors to match storefront finish. Hardware for aluminum doors and doorframes shall be by the entrance manufacturer. See Door Hardware schedule for required hardware.
E. Doors shall include reinforcement brackets with bolts and screws, and shall be MIG welded. Doors shall have snap-in-stops with bulb glazing gasket both sides of glass. No exposed screws shall be permitted. Each door leaf shall be equipped with an adjusting mechanism, located in the top rail near the lock stile, which provides minor clearance adjustments after installation. Right door to have mail slot @ 60" a.f.f. to center.
F. A hard-backed poly pile weather strip shall be installed in both stiles of center-hung pair of doors. Offset pivoted doors shall have weather-stripped at frame jambs and header. The active meeting site of all pair of doors shall have an adjustable astragal with double line of weather-strip. Door bottom rail shall receive a concealed weather-strip insert.
G. Mail Slot: CRL 2-5/8" x 12-1/8" Satin Anodized Standard Mail Slot
H. Security Grill: Affiliated Construction Specialties Inc. Architectural Security Grid Systems, Color White. General Contractor to provide field measurements to supplier.
I. All exposed framing surfaces shall be free of scratches and other serious blemishes. Aluminum extrusions shall be prefinished mill finish.
J. All glazing and storefront work shall be set level, square, plumb and proper elevation in alignment with other work in accordance with the manufacturer's installation instructions and approved shop drawings. All joints between entrance framing and the building structure shall be sealed in order to secure a watertight installation. Upon completion of the installation of the entrances, it shall be the Contractor's responsibility to make all necessary final adjustments to obtain normal operation of each door and it's mechanical hardware.
K. The glazing contractor shall furnish all necessary materials, labor and equipment for the complete installation of aluminum entrance doors, doorframes and hardware and glazing system as detailed on the drawings and specified herein. It is the sole responsibility of Contractor to ensure that all required storefront specifications are met.
L. After installation, the Contractor shall adequately protect exposed portions of the aluminum entrance work from damage by grinding and polishing compounds, plaster, lime, ASID, cement or other contaminants. The Contractor shall be responsible for final cleaning.

Section 08710-Finish Hardware

- A. Contractor to provide the required hardware for fire-rated openings in compliance with current code requirements of NFPA 80. Exit hardware for fire-rated openings shall bear UL markings. Contractor to warrant all architectural hardware for a period of one year after date of substantial completion. Warrant door closer for five years.
B. Contractor to operate lock set's by construction core system until date of substantial completion. Provide the following number of keys: change keys - two per lock, master keys - six each, construction master keys - three each.
C. All hardware to be satin brass - US4, 606, unless noted otherwise. Note: storefront hardware to be provided by storefront manufacturer as scheduled.
D. All lock sets, latch sets, cylinders and specialty locks shall be Best removable cores with lever type hardware, or prior approved equal. Other hardware as follows:
1. Hinges - Hager Hinge Company.
2. Cylindrical locks and locksets - "Best" removable cores, 2 3/8" backset, wrought trim, 6 and 7-pin tumbler.
3. Door closer - LCN w/ hold open feature where noted.
4. Stops, Viewer - Rockwood, H.B. Ives, Quality Hardware Manufacturing Company, Builders Brass Works, Baldwin Hardware Manufacturing Co.
5. Push/pulls and plates - Rockwood, H.B. Ives, Quality Hardware Manufacturing Company, Builders Brass Works.
6. Thresholds/weather-stripping - National Guard Products.
7. Emergency exit devices to be Von Duprin.
8. Three foot exit device.
9. Double door kit = Part No. A106-001
- E. Install finish hardware plumb, level and true to line in accordance with approved shop drawings for doors and manufacturer's printed instructions. Location of hardware, where applicable, shall be in accordance with "recommended locations for builders' hardware for standard steel doors and frames". Install finish hardware to template. Cut and fit substrate to exact tolerances required for hardware installation without damaging or weakening door construction. Cover cutout with hardware item.
F. Mortise work to correct location and size, without gouging, splintering, or causing irregularities in exposed finish work. Where cutting and fitting is required on substrates to be painted, install, fit and adjust hardware prior to finishing, then remove and replace in original packaging. Reinstall hardware after finishing operation is completed. Drill and countersink units that are not factory prepared for anchorage fasteners. Space fasteners and anchors in accordance with industry standards.
G. Set thresholds for exterior doors in full bed of Butyl-rubber or Polyisobutylene mastic sealant. Weather-stripping and seals to comply with manufacturer's instructions and recommendations to the extent installation requirements are not otherwise indicated. At time of hardware installation, adjust each hardware item to perform function intended. Lubricate moving parts using lubricant acceptable to hardware manufacturer.
H. Prior to date of substantial completion, readjust and re-lubricate hardware. Replace defective materials. As recommended by manufacturer, clean hardware to remove dust and stains. Instruct Owner's designated personnel in adjustment and maintenance of hardware and finishes at time of final hardware adjustment.

08800 Glazing

- A. Glazing locations:
1. Exterior entrances and storefront.
2. Doors.
- B. Glass Products
1. Tempered Glass: All tempered glass shall comply with the standards of ASTM C1048, Kind FT;
a. Condition A (uncoated) and Condition B (coated);
b. Type I (transparent, flat);
c. Class 1 (Clear), Class 2 (Thermal/Tinted) and Class 3 (Tinted),
d. Quality q3.
2. Insulating-Glass Units, General: Factory-assembled units consisting of sealed lites of glass separated by a dehydrated interspace, and complying with ASTM E 774 for Class CBA units.
a. Provide Kind HS (heat-strengthened) float glass in place of annealed glass where needed to resist thermal stresses induced by differential shading of individual glass lites and to comply with glass design requirements specified in Part 1 "Performance Requirements" Article.
b. Provide Kind FT (fully tempered) glass lites where safety glass is indicated.
c. Overall Unit thickness and Thickness of Each Lite: Dimensions indicated for insulating-glass units are nominal and the overall thickness of units are measured perpendicularly from outer surfaces of glass lites at unit's edge.
d. Sealing system: Dual seal, with primary and secondary sealants as follows:
e. Manufacturer's standard sealants.
f. Spacer Specifications: manufacturer's standard spacer material and construction.
g. Uncoated Insulating Glass:
1) Overall Unit Thickness and Thickness of Each Lite: 25 and 6 mm.
2) Interspace Content: Air.
3) Indoor Lite: Float glass, Class 1 (clear) float glass, Kind FT (fully tempered); Condition A (uncoated surfaces).
4) Outdoor Lite: Float glass, Class 1 (clear), Kind FT (fully tempered); Condition A (uncoated surfaces).
5) Visible Light Transmittance: 80%.
6) Winter Nighttime U-Value: 0.48.
7) Summer Daytime U-Value: 0.55.
8) Solar Heat Gain Coefficient: 0.83.

Section 09120 - Lay-in Ceiling System

- A. Suspension system: Armstrong 15/16" prelude suspension system. Attachment devices and hangers shall meet ASTM C 635. Grid system color shall match ceiling tile.
B. Ceiling Tile: 2 x 4 Armstrong Cortega #769 Square Lay-in. Colors: white & black.
C. Installation of ceiling shall be the pattern indicated on the reflective ceiling plan and shall coordinate with the mechanical, electrical and sprinkler system requirements. All items to be supported shall be hung with wires of the same size and spacing to support the ceiling system and all other work supported there from. Maximum spacing of wires shall be 48" O.C.
D. System shall be square and level with deflection not to exceed 1/8" in 10 feet. Grid and all tiles shall be thoroughly clean and free of marks, cuts, indentations, spots, foreign paint of other blemishes and imperfections or shall be replaced. Contractor shall provide five (5) full tiles of replacement material at the completion of the project.
E. Provide ceiling system guarantee in writing against defects in labor, materials and maximum deflection of 1/180th of the span for a period of one year from date of Owner acceptance of the project.

Section 09260 - Gypsum Drywall

- A. Interior wall framing shall be metal studs as shown. In-wall blocking shall be provided at all wall-hung items. Gypsum wallboard shall be ASTM C1396 "sheetrock" as manufactured by the U.S. Gypsum Co., or equal. Thickness and type of gypsum wallboard as noted, with tapered edges. Use type W/R board conforming to ASTM C1396 in restrooms and where noted. Use type x board where one-hour fire rating is required.
B. Joint reinforcing tape, adhesive and metal corner reinforcement standard products recommended by the wallboard manufacturer. Fasteners shall be self-drilling, self-taping countersunk bugle head drywall screws for attachment of wallboard to metal studs. Use gypsum wallboard nails for attachment to wood studs. Structural studs shall be punched or un-punched 16-gauge steel having minimum yield point of 33,000 PSI, sizes as indicated.
C. Non-load bearing studs shall be channel-type roll-formed from 20 gauge electro-galvanized steel, sizes as indicated. Furring channels shall be roll-formed, 25 gauge minimum electro-galvanized steel hat section with wing flanges. Installation of "sheetrock" shall be in accordance with manufacturer's recommendations for fire-rated partitions.
D. Gypsum wallboard shall be attached to metal studs with approved metal screws. All joints shall be taped and finished smooth with spackling compound. Gypsum wallboard shall be attached to masonry with metal furring channels and screws with all joints taped and finished. Joints shall be taped and finished smooth. Office, Restroom and Breakroom walls shall be finished to meet ASTM C 840 Level 5. All other areas shall have level 4 finish.
E. Trim Accessories: Interior Trim: ASTM C 1047 made from Galvanized or aluminum-coated steel sheet or rolled zinc.
1. Shapes: Cornerbead and Expansion (control) joint.
F. Security Mesh (Expanded Metal)
1. Install directly to stud framing behind gypsum drywall walls and/or ceilings where specified on drawings.
2. Flattened Expanded Metal:
a. Metal: Carbon Steel
b. Style: 3/4" - #13F (flattened)
c. Weight: 75 lbs. per 100 sq.ft.
d. Thickness: .070 inches
e. Sheet size: use largest sheet size practical for intended use
3. Fasten directly to stud framing using No. 8 self-tapping screws with 1/4" minimum penetration at 12" o.c. at perimeter and field.

Section 09545 - Concrete Slab Testing

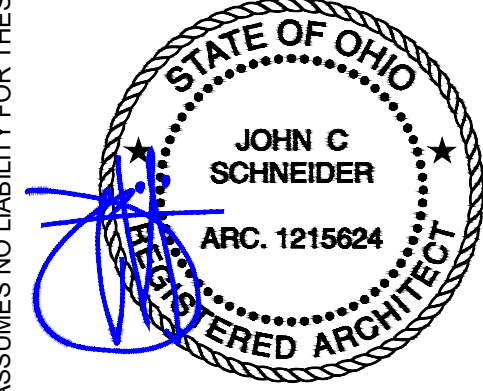
- A. Subfloor Moisture Testing
1. Test floor for excessive moisture before installing over concrete. Perform an Anhydrous Calcium Chloride Moisture Emissions test for a 72 hour period in accordance with ASTM F1869. The maximum allowable reading is 5 lbs./1000 square feet/24 hours.
2. Submit Testing Results to Owner.
- B. Subflooring PH Testing
1. Test floor for excessive pH before installing floor coverings over concrete. A reading below 5.0 or above 9.0 requires corrective measures. Specific information on the correct method of neutralizing extremely low or high pH is available from the Shaw Field Technical Services Department.
2. Submit Testing Results to Owner.

Section 09550 - Wood Flooring

- A. Preparation
1. Glueless Laminate will be installed directly over existing concrete flooring.
- B. Delivery, Storage and Handling
1. Cartons of flooring must lay flat and unopened in the room in which they are to be installed for a minimum of 48 hours before installation.
2. During the acclimation and installation period, temperature must be maintained between 65 deg. F and 85 deg F and relative humidity be between 35% and 65%.
3. Cartons should be stacked no more than 3 high with 4" of airflow around them, should be stored away from any heating/cooling ducts or direct sunlight.
- C. Preparation
1. Fill any low spots in the subfloor greater than 1/8" in 6 feet with a Portland cement leveling compound. Check this by using a 6' straight edge. Remove any high spots by sanding or grinding.
2. If there is an existing wood flooring adhered over concrete, it must be removed before installing Shaw Laminated Flooring.
3. Remove any existing floor molding. Door frames to be undercut for wood floor installation. Saw the bottom of the doorjamb case molding back to the wall studs so that 1/4" expansion gap is maintained when laminate is fitted under doorjamb case molding.
4. Sweep the subfloor clean.
- D. Floor Materials:
1. See Finish Schedule for Flooring Mode Numbers.
- E. Underlayments:
1. On Concrete floors Use SilentStep Ultra 3 in 1 underlayments. SilentStep Ultra 3 in 1 should be rolled out with the seams pulled together. It should go up the wall at least 2" when used over concrete. Tape underlayment seams using a 2" clear packaging sealing tape.
2. Unroll one width of underlayment along the longest wall. Always work from left to right. Planks should run lengthwise against the longest wall, and if possible parallel to incoming sunlight.
3. Rooms larger than 26 x 40 feet require T-molding for expansion. Floor spans should not exceed 40' in any direction.
- F. Installation
1. Shaw laminates VersaLock AG installation guide entitled "Glueless Laminate Installation Instructions - Wood Designs" are to be strictly adhered to for the wood floor installation.



Kinetic Design
29833 Santa Margarita Pkwy, Suite 300
Rancho Santa Margarita, CA 92688
Main: 951.710.6334 Web: kineticdesign.build
Email: info@kineticdesign.build



STAMP

REVISIONS

No.	DATE	DESCRIPTION

CLIENT INFORMATION
Aaron's
400 GALLERIA PARKWAY, SUITE 300
ATLANTA, GA 30339
PHONE NUMBER: (678) 402-3000

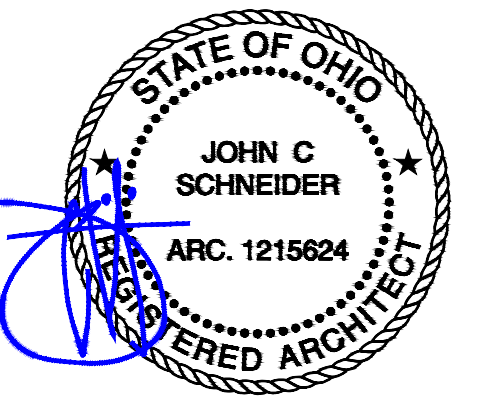
PROJECT NAME
AARON'S C0573 / C0618
29850 - 29900 LAKESHORE BLVD
WILLOWICK, OH 44095
SHEET NAME
SPECIFICATIONS

DRAWN	CHECKED
DATE	E.N.
SCALE	03/07/23
PROJECT NUMBER	
SHEET	

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3. THE CONTRACTOR SHALL REVIEW, SIGN, DATE AND SUBMIT A MINIMUM OF (3) SETS OF COMPLETE AND DETAILED SHOP DRAWINGS, FINISHES, FIXTURE AND EQUIPMENT CUT SHEETS TO ARCHITECT FOR REVIEW. THE ARCHITECT SHALL HAVE (10) WORKING DAYS TURNAROUND TIME FROM RECEIPT OF SUBMITTAL. ALL SHOP DRAWINGS AND CUT SHEETS SIGNED "REVIEWED" SHALL SUPERSEDE ORIGINAL DRAWINGS IN DESIGN APPEARANCE ONLY. CONTRACTORS SHALL ASSUME RESPONSIBILITY FOR ERRORS IN THEIR DRAWINGS.
 4. IN THE EVENT THAT THE AFOREMENTIONED DRAWINGS, SPECIFICATIONS, ETC. ARE NOT SUBMITTED FOR REVIEW AND APPROVAL, THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR THE REPLACEMENT, CORRECTION OR ACQUISITION OF PRODUCTS TO COMPLY WITH OWNER'S SPECIFICATION AND APPROVAL.
 5. THE CONTRACTOR SHALL PROVIDE CHALK LINES ON THE SLAB OF PARTITIONS FOR APPROVAL PRIOR TO FRAMING AND SHALL NOTIFY ARCHITECT OF ANY DEVIATION FROM CONSTRUCTION DIMENSIONS OR CLEARANCES AS DESIGNATED ON THE DRAWINGS OR OF APPARENT CONSTRUCTION CONFLICTS.
 6. UPON SUBSTANTIAL COMPLETION OF WORK, THE HVAC SYSTEM SHALL BE BALANCED BY A QUALIFIED ENGINEER AND A WRITTEN REPORT SHALL BE SUBMITTED TO THE OWNER.
 7. UPON SUBMISSION OF THE "FINAL APPLICATION FOR PAYMENT", THE CONTRACTOR SHALL PROVIDE THE OWNER WITH (1) SET OF AS-BUILT DOCUMENTATION INCLUDING DRAWINGS, SPECIFICATIONS, ADDENDA, CHANGE ORDERS, PRODUCT DATA, EQUIPMENT WARRANTIES AND MANUALS, FINISH SAMPLES AND OTHER REQUIRED SUBMITTALS. THE CONTRACTOR SHALL PROVIDE THE OWNER WITH A WRITTEN WARRANTY COVERING ALL WORK PERFORMED UNDER THE CONTRACT. WARRANTY SHALL BE FOR A PERIOD OF ONE YEAR COMMENCING ON THE DATE OF SUBSTANTIAL COMPLETION AND SHALL BE INCLUDED WITH THIS SUBMITTAL.8. THE CONTRACTOR SHALL SUPPLY LIEN WAIVERS RELATING TO ALL WORK WITH THE "FINAL APPLICATION FOR PAYMENT" TO BE REVIEWED FOR "FINAL CERTIFICATE OF PAYMENT".
- G. CHANGES IN WORK
1. THE OWNER WITHOUT INVALIDATING THE CONTRACT, MAY ORDER EXTRA WORK OR MAKE CHANGES BY ALTERING, ADDING TO OR DEDUCTING FROM THE WORK - THE CONTRACT SUM BEING ADJUSTED ACCORDINGLY. SUCH WORK SHALL BE EXECUTED UNDER THE CONDITIONS OF THE ORIGINAL CONTRACT EXCEPT THAT ANY CLAIM FOR EXTENSIONS OF TIME CAUSED THEREBY SHALL BE INDICATED ON THE CHANGE ORDER.
 2. CLAIMS FOR ADDITIONAL WORK WILL BE SUBMITTED IN WRITING FOR REVIEW BY OWNER AND SHOULD INCLUDE A COMPLETE DESCRIPTION OF THE WORK, MATERIALS BEING USED, THE ROOM NUMBER OR AREA AFFECTED, AND THE AUTHORIZATION UNDER WHICH THE WORK IS BEING PERFORMED.
 - A. SITE CONSIDERATIONS
 3. DEMOLITION WORK SHALL BE COORDINATED WITH THE LANDLORD TO MINIMIZE DISRUPTION AND INCONVENIENCE TO OTHER OWNERS IN OCCUPIED BUILDINGS. MAINTAIN SAFE MEANS OF ACCESS AND EGRESS TO OCCUPIED OWNER SPACES.
 4. PROVIDE CONCRETE FLOOR SLAB THROUGHOUT "LEAVE-OUT" AREA IN BACK OF HOUSE - MATCH EXISTING FLOOR CONSTRUCTION; COORDINATE WITH LANDLORD.
 5. MAINTAIN THE INTEGRITY OF RATED PARTITIONS AND OTHER FIRE RATED ASSEMBLIES. REPAIR OR REPLACE DAMAGED PORTIONS WITH NEW CONSTRUCTION TO MATCH EXISTING AND HAVE REPAIR WORK APPROVED BY THE BUILDING INSPECTOR.
 6. THE GENERAL CONTRACTOR SHALL REVIEW THE OWNER'S SPACE WITH THE LANDLORD TO DETERMINE IF ANY ACCESS PANELS ARE LOCATED IN THE OWNER'S SPACE FOR THE LANDLORD'S AND/OR OTHER OWNER ELECTRICAL BOXES AND/OR VALVES. THE GENERAL CONTRACTOR SHALL PROMPTLY NOTIFY THE ARCHITECT AND THE OWNER OF ANY REQUIRED ACCESS PANEL LOCATIONS.
 8. BUILDING MECHANICAL AND ELECTRICAL SERVICE SHUT DOWN REQUIRED FOR THIS WORK SHALL BE SUBMITTED IN WRITING BY THE CONTRACTOR A MINIMUM OF (72) HOURS IN ADVANCE OF THE SHUT DOWN. THE CONTRACTOR SHALL OBTAIN APPROVAL FROM AUTHORITIES HAVING JURISDICTION PRIOR TO SHUT DOWN AND SHALL NOT OVERLY INCONVENIENCE BUILDING OCCUPANTS.
 9. VERIFY EXISTING SPRINKLER DROP LOCATIONS (IF ANY), ADDITIONS, MODIFICATIONS OR RELOCATIONS OF THE EXISTING SPRINKLER SYSTEM ARE TO BE ALTERED IN TOTAL CONFORMANCE WITH LANDLORD'S CRITERIA AND SHALL BE SUBMITTED FOR PERMIT SEPARATELY. DRAWINGS SHALL BE SUBMITTED TO LANDLORD FOR REVIEW AND SUBMITTED SEPARATELY TO THE FIRE MARSHAL FOR PERMIT.
 10. SPRINKLER HEADS AT STOREFRONT AND DISPLAY WINDOWS MUST BE FLUSH TYPE WITH COVER PLATES PAINTED TO MATCH THE ADJACENT CEILING COLOR. DINING AND KITCHEN MUST HAVE SEMI-RECESSED HEADS WITH ESCUTCHEON RINGS PAINTED TO MATCH THE ADJACENT CEILING COLOR.
 11. WOOD CASEWORK SHALL CONFORM TO ARCHITECTURAL WOODWORK INSTITUTE (AWI) "PREMIUM GRADE" QUALITY STANDARDS AND SHALL BE "FLUSH OVERLAY" CONSTRUCTION UNLESS DETAILED OTHERWISE ON THE DRAWINGS.
 12. PLASTIC LAMINATE CASEWORK SHALL CONFORM TO ARCHITECTURAL WOODWORK INSTITUTE (AWI) "CUSTOM GRADE" QUALITY STANDARDS AND SHALL BE "FLUSH OVERLAY" CONSTRUCTION UNLESS DETAILED OTHERWISE ON THE DRAWINGS.
 13. CASEWORK SHALL BE SCRIBED TO WALL OR CEILING. CONTRACTOR SHALL COORDINATE WITH OTHER INVOLVED TRADES.
- C. DEMOLITION, CUTTING, AND PATCHING
1. THE CONTRACTOR SHALL INSPECT THE SITE AND CALL ATTENTION TO ENVIRONMENTAL HAZARDS WITH LANDLORD. SAID HAZARDS ARE TO BE REMOVED AT THE LANDLORD'S EXPENSE. REMOVAL SHALL ADHERE TO THE ENVIRONMENTAL PROTECTION AGENCY'S GUIDELINES.
 2. THE CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION, CUTTING AND PATCHING REQUIRED TO FACILITATE COMPLETION OF THE WORK.
 3. PRIOR TO STARTING WORK, ERECT TEMPORARY BARRIERS AROUND THE PERIMETER OF THE PROJECT AND BASE BUILDING TOILET FACILITIES TO PREVENT THE SPREAD OF DUST AND OTHER CONTAMINANTS TO ADJACENT AREAS OF THE BUILDING. MAINTAIN DUST PROOF AND SOUND BARRIERS THROUGHOUT THE COURSE OF CONSTRUCTION OR UNTIL NO LONGER REQUIRED. REMOVE BARRIERS AND REPAIR ANY DAMAGE CAUSED BY THEIR INSTALLATION TO MATCH ADJACENT SURFACES.
 4. UNLESS NOTED OTHERWISE, ALL DEMOLISHED DEBRIS, MATERIAL, EQUIPMENT AND FIXTURES BECOME THE PROPERTY OF THE CONTRACTOR WHO IS RESPONSIBLE FOR ITS SAFE REMOVAL FROM THE SITE. DISPOSAL OF DEMOLISHED MATERIAL SHALL BE IN ACCORDANCE WITH APPLICABLE RULES, REGULATIONS AND ORDINANCES OF AUTHORITIES HAVING JURISDICTION. COORDINATE WITH LANDLORD.
 5. PATCH ALL EXISTING OR NEWLY DAMAGED AREAS TO MATCH ADJACENT SURFACES IN QUALITY, TEXTURE AND COLOR. CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF ALL TRENCHING AND UNDER GROUND WORK WITH SUBCONTRACTORS.
- D. GENERAL CONSTRUCTION
1. CONTRACTOR SHALL VERIFY ALL GRID LINE COORDINATES AND CHECK THEM AGAINST DIMENSIONS SHOWN ON PLANS AND DETAILS. ARCHITECT SHALL BE NOTIFIED OF ANY DISCREPANCY DURING STAKING.
 2. ALL LANDSCAPE MATERIALS DISPLACED OR DISTURBED AS A RESULT OF CONSTRUCTION SHALL BE REPLACED OR REPAIRED TO ORIGINAL CONDITION.
 3. THE CONTRACTOR SHALL FIRMLY ANCHOR PARTITIONS PER JURISDICTION AND INDUSTRY STANDARDS AND USE METAL TRIM ACCESSORIES AT EXPOSED CORNERS, EDGES AND ENDS IN PLASTER AND DRYWALL PARTITIONS.
 4. PROVIDE FIRE RETARDANT TREATED WOOD BLOCKING FOR ALL WALL MOUNTED PLUMBING FIXTURES, TOILET ACCESSORIES, CABINETS, AND TABLES.
 5. ALL CONCEALED PLYWOOD, WOOD BLOCKING, AND WOOD STUD/JOIST FRAMING SHALL MEET U.L. FIRE RETARDANT TREATED REQUIREMENTS.
 6. ALL MATERIALS USED IN UNFINISHED ATTIC SPACE SHALL BE NON-COMBUSTIBLE. ANY WOOD SHALL BE FIRE RETARDANT TREATED.
 7. DO NOT PUNCH OR USE METAL DECK TO SUPPORT SUSPENDED CEILING. SUSPENDED METAL FRAMING-CEILING AND METAL STUD PARTITION FRAMING SHALL BE SUPPORTED FROM STRUCTURAL STEEL ROOF FRAME.
 8. ALL ROOF PENETRATIONS SHALL BE CUT, FLASHED AND SEALED BY THE LANDLORD'S ROOFING CONTRACTOR IN ORDER TO MAINTAIN THE ROOF SYSTEM INTEGRITY AND WARRANTY.
 9. THE CONTRACTOR SHALL PROVIDE ACCESS PANELS REQUIRED FOR MECHANICAL, ELECTRICAL AND PLUMBING INSTALLATIONS PER LOCAL BUILDING CODES. LOCATIONS SHALL BE COORDINATED WITH ARCHITECT PRIOR TO INSTALLATION.
 10. CEILING FRAMING IN THE FIELD SHALL BE SQUARE, LEVEL AND PERFECTLY ALIGNED WITH EACH OTHER AND WITH THE RECESSED LIGHT FIXTURES. ALL RECESSED FIXTURES SHALL BE SET FLUSH INTO CEILING.
 11. NEW PIPE, CONDUIT AND DUCT PENETRATIONS OF FIRE RATED ASSEMBLIES ARE TO BE CONSTRUCTED IN ACCORDANCE WITH AN UNDERWRITERS LABORATORY TESTED DESIGN.
 12. WIRING AND CONDUIT IS TO BE CONCEALED IN BOTH NEW AND EXISTING PARTITIONS WITH ALL OUTLETS, SWITCHES AND SIMILAR DEVICES MOUNTED IN RECESSED JUNCTION BOXES WITH FLUSH COVER PLATES. SURFACE MOUNTED CONDUIT, WIREMOLD, OUTLETS, ETC. WILL NOT BE PERMITTED UNLESS OTHERWISE NOTED.
 13. VERIFY EXACT DIMENSIONS OF ALL OWNER-SUPPLIED EQUIPMENT, FEATURES AND FIXTURES TO ASSURE A PROPER FIT WHERE EQUIPMENT, FEATURES AND FIXTURES ARE SHOWN BUILT-IN TO NEW MILLWORK, UNDER COUNTER AND BETWEEN NEW AND EXISTING PARTITIONS.
 14. COMMUNICATION, DATA, SECURITY AND SIMILAR SYSTEMS WILL BE PROVIDED AND INSTALLED BY THE OWNER UNLESS OTHERWISE NOTED IN THE CONTRACT DOCUMENTS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH THE OWNER AND PROVIDE CONDUIT, BOXES AND OTHER ROUGH-IN REQUIREMENTS TO FACILITATE FINAL WIRING INSTALLATION.
 15. LOCKSETS SHALL BE "KEYED" IN ACCORDANCE WITH OWNER REQUIREMENTS. "KEYS" ARE TO BE DELIVERED TO OWNER PROPERLY TESTED. THE NUMBER OF MASTER AND PASS KEYS SHALL BE COORDINATED WITH LANDLORD.
 16. PROVIDE STANDARD IDENTIFICATION PLATE WITH OWNER NAME AND SPACE DESIGNATION/ADDRESS AS SPECIFIED THROUGH A COMMON MANUFACTURER BY THE LANDLORD. IF NO LANDLORD STANDARD PROVIDED, PROVIDE A STANDARD 3" X 9" LAMINATED PLASTIC, DARK COOL GRAY COLORED FACE WITH WHITE LETTERING ROUTED INTO FACE. FASTENED TO OWNER REAR EXIT SERVICE DOOR ON THE ACCESS CORRIDOR FACE.
 17. PROVIDE WATER RESISTANT GYPSUM BOARD AT ALL TILE LOCATIONS, PLASTIC PANEL LOCATIONS, MECHANICAL ROOM WALLS, AND AS NOTED ON DRAWINGS.
 18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH LOCAL V.O.C. REGULATIONS FOR MATERIALS USED IN CONSTRUCTION.
 19. SPACES BEING SURFACED SHALL BE CLOSED TO TRAFFIC AND OTHER WORK DURING THE LAYING OF FLOORING, STONE, WOOD, OR OTHER MATERIAL. FINISHED FLOORS SHALL BE COVERED AFTER INSTALLATION FOR PROTECTION.
- E. FIRE / LIFE SAFETY
1. ALL REQUIRED PERMITS AND APPROVALS MUST BE OBTAINED FROM THE FIRE DEPARTMENT BEFORE BUILDINGS ARE OCCUPIED.2. MAINTAIN THE FUNCTION AND INTEGRITY OF EXISTING FIRE, LIFE/SAFETY AND SECURITY SYSTEMS.
 2. PROVIDE OCCUPANCY SIGNS CONFORMING TO APPLICABLE BUILDING CODE REQUIREMENTS.
 3. PROVIDE ADDITIONAL EXIT SIGNS AND FIRE EXTINGUISHERS IN TYPE, NUMBER AND LOCATION AS DIRECTED BY THE FIRE DEPARTMENT FIELD INSPECTOR.
 4. DURING CONSTRUCTION THE GENERAL CONTRACTOR SHALL PROVIDE A PORTABLE FIRE EXTINGUISHER WITH A RATING OF NOT LESS THAN 2-A WITHIN (75 FT.) FOOT TRAVEL DISTANCE TO ALL PORTIONS OF THE BUILDING ON EACH FLOOR.
- F. REQUIRED APPROVALS AND SUBMITTALS
1. WHERE THE TERMS "OR EQUAL", "SIMILAR", OR OTHER GENERAL QUALIFYING TERMS ARE USED, IT SHALL BE UNDERSTOOD THAT REFERENCE IS MADE TO THE RULING AND JUDGMENT OF THE ARCHITECT AND MUST BE SUBMITTED FOR APPROVAL PRIOR TO PURCHASE OR USE.
 2. THE CONTRACTOR SHALL HAVE (10) WORKING DAYS FROM AWARD OF THE CONTRACT TO SUBMIT SUBSTITUTIONS OF SPECIFIED PRODUCTS OR WORK FOR REVIEW BY ARCHITECT AND SHALL INCLUDE CUT SHEETS WITH SPECIFICATIONS AND REASONS FOR SUBSTITUTION. THE ARCHITECT SHALL RESPOND IN (10) WORKING DAYS FROM RECEIPT OF SUBMITTAL. NO SUBSTITUTIONS SHALL BE ACCEPTED AFTER THE INITIAL TIME LIMIT HAS EXPIRED.



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REVISIONS

No.	DATE	DESCRIPTION

CLIENT INFORMATION

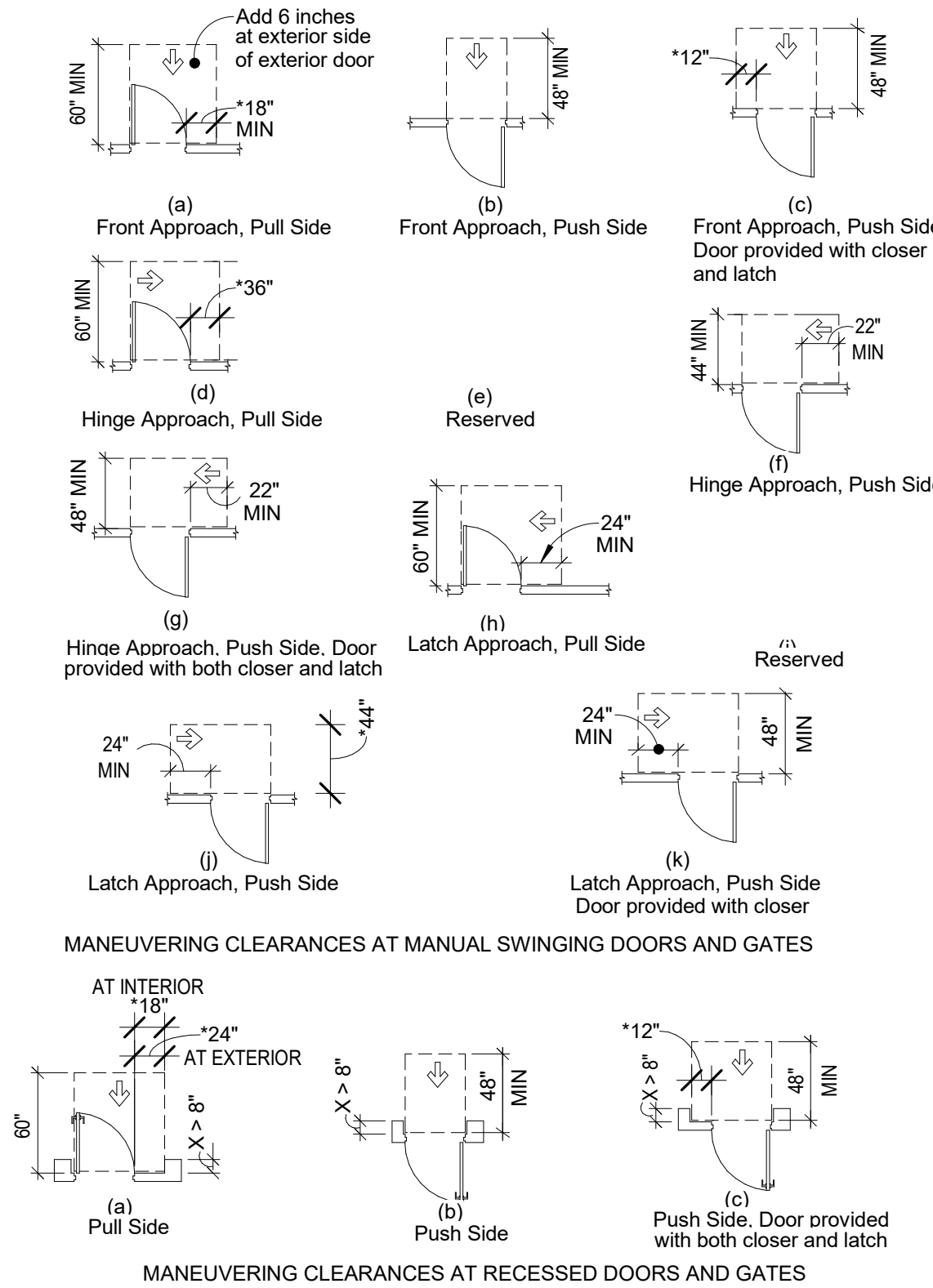
Aaron's
 400 GALLERIA PARKWAY, SUITE 300
 ATLANTA, GA 30339
 PHONE NUMBER: (678) 402-3000

PROJECT NAME
AARON'S C0573 / C0618
 29850 - 29900 LAKESHORE BLVD
 WILLOWICK, OH 44095

SHEET NAME
GENERAL & ACCESSIBILITY NOTES

DRAWN	E.N.	CHECKED
DATE		03/07/23
SCALE		
PROJECT NUMBER		
SHEET		

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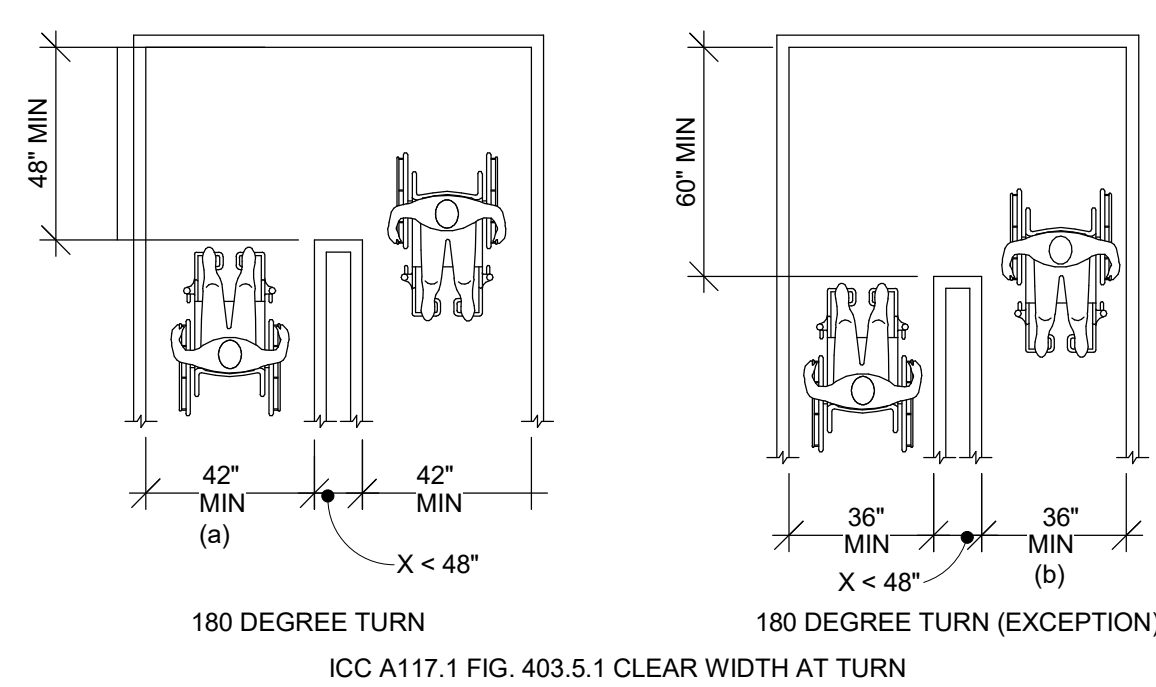


MANEUVERING CLEARANCES AT RECESSED DOORS AND GATES

TYPE OF USE		MINIMUM MANEUVERING CLEARANCE	
APPROACH DIRECTION	DOOR SIDE	PERPENDICULAR TO DOORWAY	PARALLEL TO DOORWAY (beyond latch side unless noted)
FROM FRONT	PULL	60-1/8 INCHES	18-1/8 INCHES ⁵
FROM FRONT	PUSH	48-1/8 INCHES	0 INCHES ¹
FROM HINGE SIDE	PULL	60-1/8 INCHES	36-1/8 INCHES
FROM HINGE SIDE	PUSH	44-1/8 INCHES ²	22-1/8 INCHES ³
FROM LATCH SIDE	PULL	60-1/8 INCHES	24-1/8 INCHES
FROM LATCH SIDE	PUSH	44-1/8 INCHES ⁴	24-1/8 INCHES

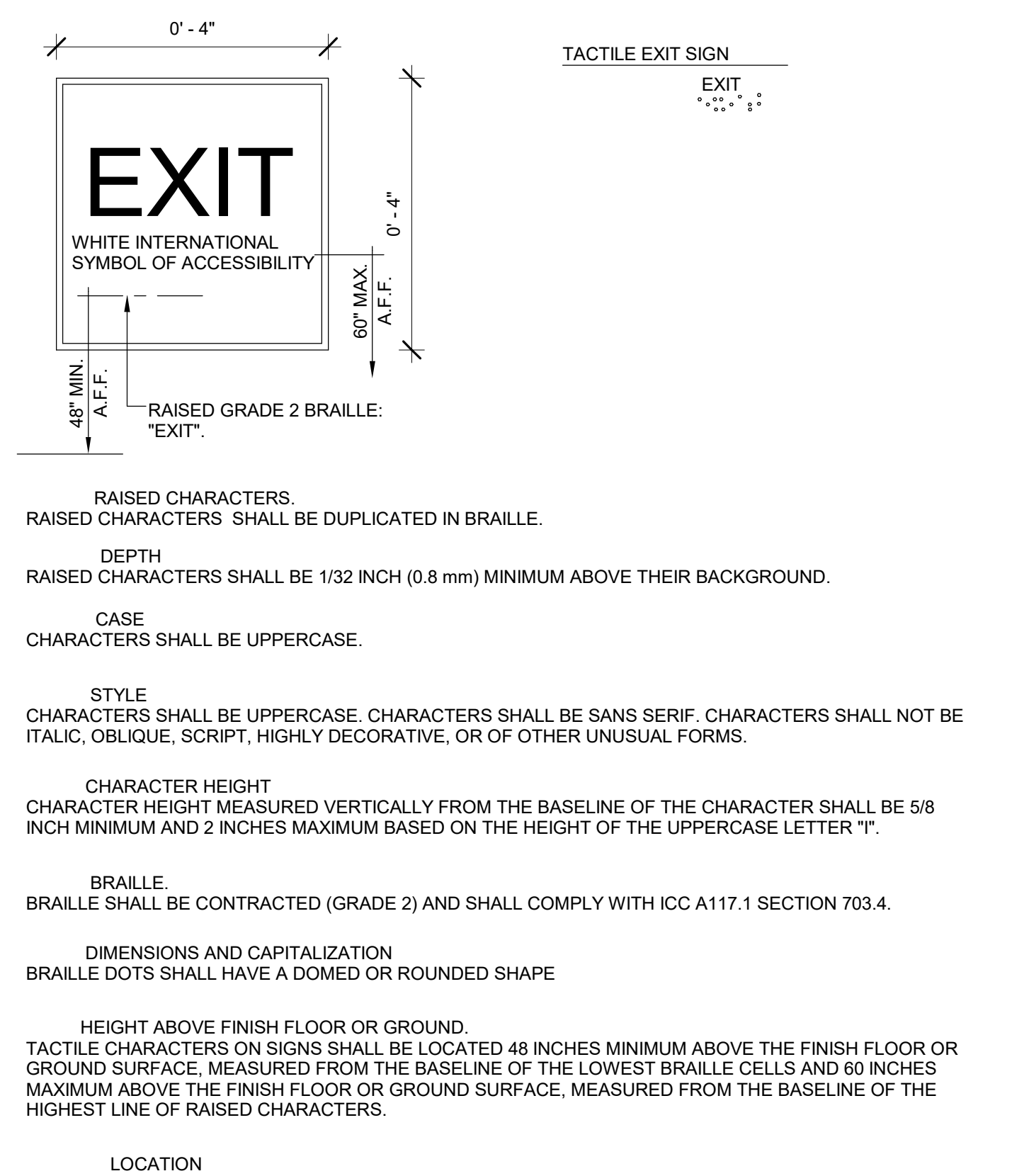
- NOTES:**
- ADD 12 INCHES IF CLOSER AND LATCH ARE PROVIDED.
 - ADD 4 INCHES IF CLOSER AND LATCH ARE PROVIDED.
 - BEYOND HINGE SIDE.
 - ADD 4 INCHES IF CLOSER IS PROVIDED.
 - ADD 6 INCHES AT EXTERIOR SIDE OF EXTERIOR DOORS.
1. HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERABLE PARTS ON DOORS AND GATES SHALL COMPLY WITH SECTION 11B-309.4. OPERABLE PARTS OF SUCH HARDWARE SHALL BE (CENTERED BETWEEN) 34 INCHES MINIMUM AND 44 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. (A117.1 SECTION 404.2.6).
2. DOOR OPENINGS SHALL PROVIDE A CLEAR WIDTH OF 32 INCHES MINIMUM.

ACCESSIBLE DOOR CLEARANCES Scale: 1/8" = 1'-0" **13**



- NOTES:**
- THE MINIMUM WIDTH OF EXIT PASSAGEWAYS SHALL BE DETERMINED AS SPECIFIED IN SECTION 1005.1 BUT SUCH WIDTH SHALL NOT BE LESS THAN 44 INCHES, EXCEPT THAT EXIT PASSAGEWAYS SERVING AN OCCUPANT LOAD OF LESS THAN 50 SHALL NOT BE LESS THAN 36 INCHES IN WIDTH. THE REQUIRED WIDTH OF EXIT PASSAGEWAYS SHALL BE UNOBSTRUCTED. (11B-1023.2).
 - AN ACCESSIBLE ROUTE WITH A CLEAR WIDTH LESS THAN 60 INCHES SHALL PROVIDE PASSING SPACES AT INTERVALS OF 200 FEET MAXIMUM. PASSING SPACES SHALL BE EITHER: A SPACE 60 INCHES MINIMUM BY 60 INCHES MINIMUM; OR, AN INTERSECTION OF TWO WALKING SURFACES PROVIDING A T-SHAPED SPACE COMPLYING WITH SECTION 11B-304.2 WHERE THE BASE AND ARMS OF THE T-SHAPED SPACE EXTEND 48 INCHES MINIMUM BEYOND THE INTERSECTION. (11B-403.3).

WIDTH OF ACCESSIBLE ROUTE Scale: 1/4" = 1'-0" **12**



TACTILE EXIT SIGN

WHITE INTERNATIONAL SYMBOL OF ACCESSIBILITY

RAISED GRADE 2 BRAILLE: "EXIT".

RAISED CHARACTERS. RAISED CHARACTERS SHALL BE DUPLICATED IN BRAILLE.

DEPTH. RAISED CHARACTERS SHALL BE 1/32 INCH (0.8 mm) MINIMUM ABOVE THEIR BACKGROUND.

CASE. CHARACTERS SHALL BE UPPERCASE.

STYLE. CHARACTERS SHALL BE UPPERCASE. CHARACTERS SHALL BE SANS SERIF. CHARACTERS SHALL NOT BE ITALIC, OBLIQUE, SCRIPT, HIGHLY DECORATIVE, OR OF OTHER UNUSUAL FORMS.

CHARACTER HEIGHT. CHARACTER HEIGHT MEASURED VERTICALLY FROM THE BASELINE OF THE CHARACTER SHALL BE 5/8 INCH MINIMUM AND 2 INCHES MAXIMUM BASED ON THE HEIGHT OF THE UPPERCASE LETTER "I".

BRAILLE. BRAILLE SHALL BE CONTRACTED (GRADE 2) AND SHALL COMPLY WITH ICC A117.1 SECTION 703.4.

DIMENSIONS AND CAPITALIZATION. BRAILLE DOTS SHALL HAVE A DOMED OR ROUNDED SHAPE.

HEIGHT ABOVE FINISH FLOOR OR GROUND. TACTILE CHARACTERS ON SIGNS SHALL BE LOCATED 48 INCHES MINIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE, MEASURED FROM THE BASELINE OF THE LOWEST BRAILLE CELLS AND 60 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE, MEASURED FROM THE BASELINE OF THE HIGHEST LINE OF RAISED CHARACTERS.

LOCATION. WHERE A TACTILE SIGN IS PROVIDED AT A DOOR, THE SIGN SHALL BE LOCATED ALONGSIDE THE DOOR AT THE LATCH SIDE. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH ONE ACTIVE LEAF, THE SIGN SHALL BE LOCATED ON THE INACTIVE LEAF. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH TWO ACTIVE LEAFS, THE SIGN SHALL BE LOCATED TO THE RIGHT OF THE RIGHT HAND DOOR. WHERE THERE IS NO WALL SPACE AT THE LATCH SIDE OF A SINGLE DOOR OR AT THE RIGHT SIDE OF DOUBLE DOORS, SIGNS SHALL BE LOCATED ON THE NEAREST ADJACENT WALL. SIGNS CONTAINING TACTILE CHARACTERS SHALL BE LOCATED SO THAT A CLEAR FLOOR SPACE OF 18 INCHES MINIMUM BY 18 INCHES MINIMUM, CENTERED ON THE TACTILE CHARACTERS, IS PROVIDED BEYOND THE ARC OF ANY DOOR SWING BETWEEN THE CLOSED POSITION AND 45 DEGREE OPEN POSITION. WHERE PERMANENT IDENTIFICATION SIGNAGE IS PROVIDED FOR ROOMS AND SPACES THEY SHALL BE LOCATED ON THE APPROACH SIDE OF THE DOOR AS ONE ENTERS THE ROOM OR SPACE. SIGNS THAT IDENTIFY EXITS SHALL BE LOCATED ON THE APPROACH SIDE OF THE DOOR AS ONE EXITS THE ROOM OR SPACE.

VISUAL CHARACTERS SHALL COMPLY WITH SECTION ICC A117.1 SECTION 703.2.

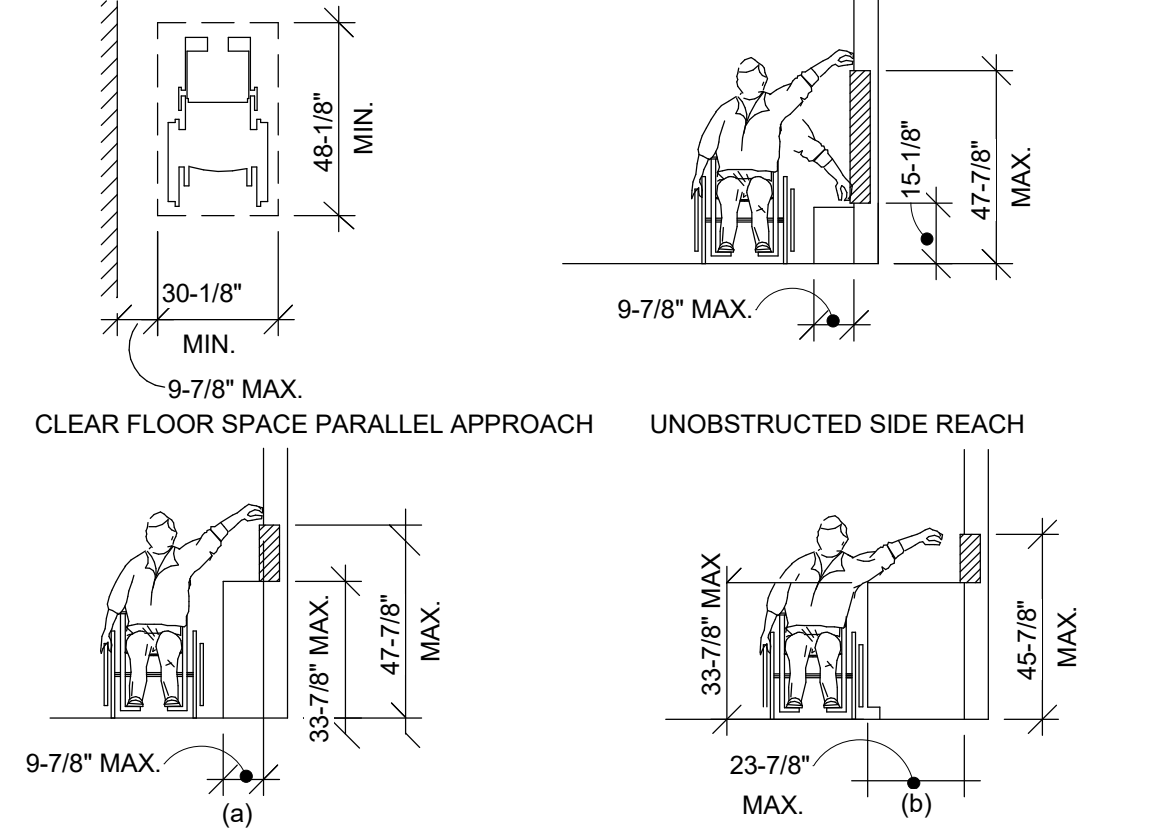
FINISH AND CONTRAST CHARACTERS AND THEIR BACKGROUND SHALL HAVE A NON-GLARE FINISH. CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUND WITH EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND.

PICTOGRAM FIELD. PICTOGRAMS SHALL HAVE A FIELD HEIGHT OF 6 INCHES MINIMUM. CHARACTERS AND BRAILLE SHALL NOT BE LOCATED IN THE PICTOGRAM FIELD.

NOTES:

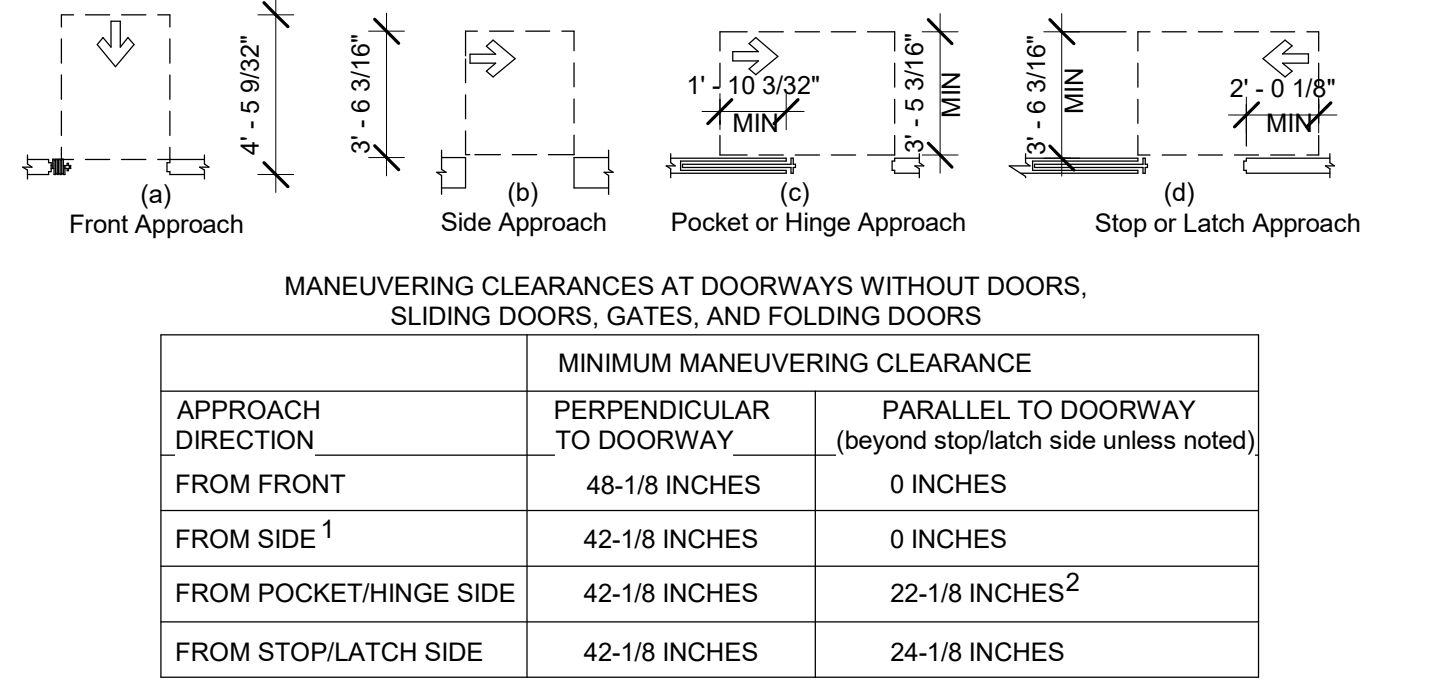
- TACTILE EGRESS SIGNAGE (SECURE TO STOREFRONT GLASS W/ ADHESIVE), PROVIDE PLASTIC BACKING OVER OTHER SIDE OF GLASS FOR COVERAGE. ADHESIVE SHALL BE COMPATIBLE W/ GLASS APPLICATION.

BUILDING EXIT SIGN Scale: 6" = 1'-0" **10**



- NOTES:**
- WHERE A CLEAR FLOOR OR GROUND SPACE ALLOWS A PARALLEL APPROACH TO AN ELEMENT AND THE SIDE REACH IS UNOBSTRUCTED, THE HIGH SIDE REACH SHALL BE 47-7/8" MAXIMUM AND THE LOW SIDE REACH SHALL BE 15-1/8" MINIMUM ABOVE THE FINISH FLOOR OR GROUND. EXCEPTION: AN OBSTRUCTION SHALL BE PERMITTED BETWEEN THE CLEAR FLOOR OR GROUND SPACE AND THE ELEMENT WHERE THE DEPTH OF THE OBSTRUCTION IS 9-7/8" MAXIMUM.
 - WHERE A CLEAR FLOOR OR GROUND SPACE ALLOWS A PARALLEL APPROACH TO AN ELEMENT AND THE HIGH SIDE REACH IS OVER AN OBSTRUCTION, THE HEIGHT OF THE OBSTRUCTION SHALL BE 33-7/8" MAXIMUM AND THE DEPTH OF THE OBSTRUCTION SHALL BE 23-7/8" MAXIMUM. THE HIGH SIDE REACH SHALL BE 47-7/8" MAXIMUM FOR A REACH DEPTH OF 9-7/8" MAXIMUM. WHERE THE REACH DEPTH EXCEEDS 9-7/8", THE HIGH SIDE REACH SHALL BE 45-7/8" MAXIMUM FOR A REACH

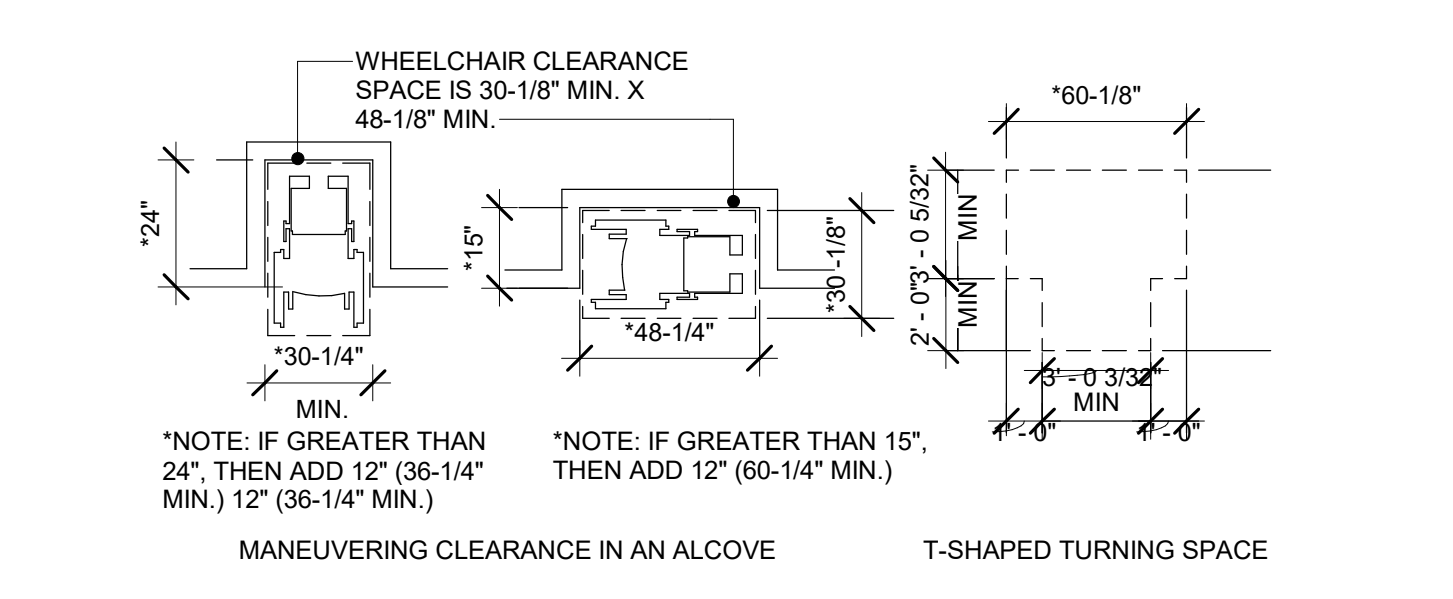
SIDE REACH Scale: 1/4" = 1'-0" **9**



MANEUVERING CLEARANCES AT DOORWAYS WITHOUT DOORS, SLIDING DOORS, GATES, AND FOLDING DOORS

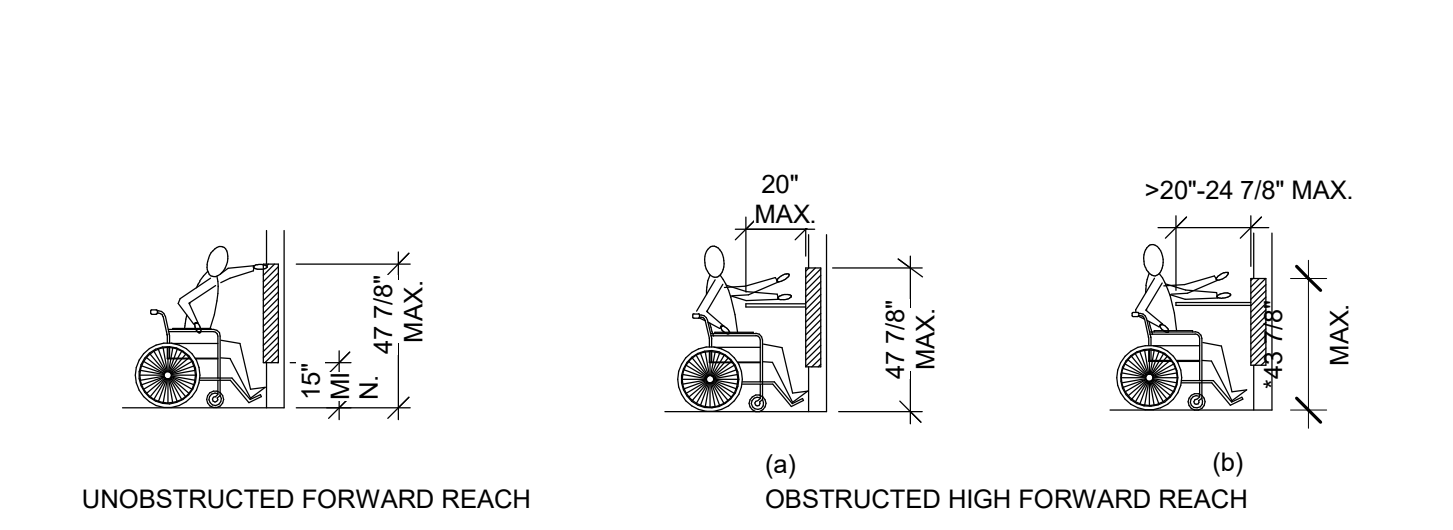
APPROACH DIRECTION	PERPENDICULAR TO DOORWAY	PARALLEL TO DOORWAY (beyond stop/latch side unless noted)
FROM FRONT	48-1/8 INCHES	0 INCHES
FROM SIDE ¹	42-1/8 INCHES	0 INCHES
FROM POCKET/HINGE SIDE	42-1/8 INCHES	22-1/8 INCHES ²
FROM STOP/LATCH SIDE	42-1/8 INCHES	24-1/8 INCHES

ACCESSIBLE DOOR CLEARANCES. Scale: 3/16" = 1'-0" **8**



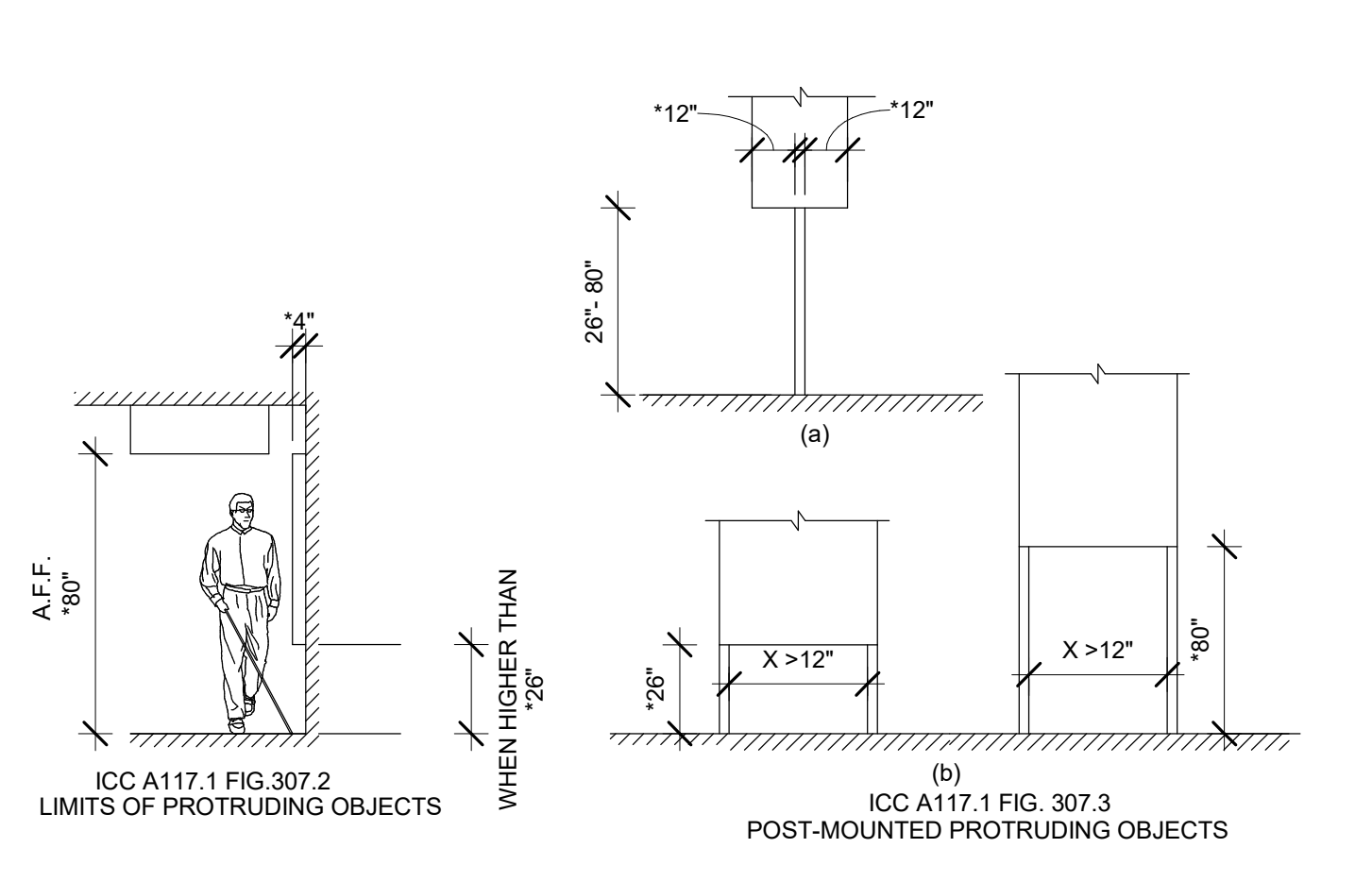
- NOTES:**
- ALCOVES SHALL BE 36-1/4" WIDE MINIMUM WHERE THE DEPTH EXCEEDS 24 INCHES.
 - ALCOVES SHALL BE 60-1/4" WIDE MINIMUM WHERE THE DEPTH EXCEEDS 15 INCHES.
 - THE TURNING SPACE SHALL BE A T-SHAPED SPACE WITH A 60-1/8" SQUARE MINIMUM WITH ARMS AND BASE 36-1/8" WIDE MINIMUM. EACH ARM OF THE T SHALL BE CLEAR OF OBSTRUCTIONS 12" MINIMUM IN EACH DIRECTION AND THE BASE BE CLEAR OF OBSTRUCTIONS 12" MINIMUM IN EACH DIRECTION AND THE BASE SHALL BE CLEAR OF OBSTRUCTIONS 24" MINIMUM. THE SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE ONLY AT THE END OF EITHER THE BASE OR ONE ARM.

CLEAR FLOOR & TURNING SPACE Scale: 3/16" = 1'-0" **7**

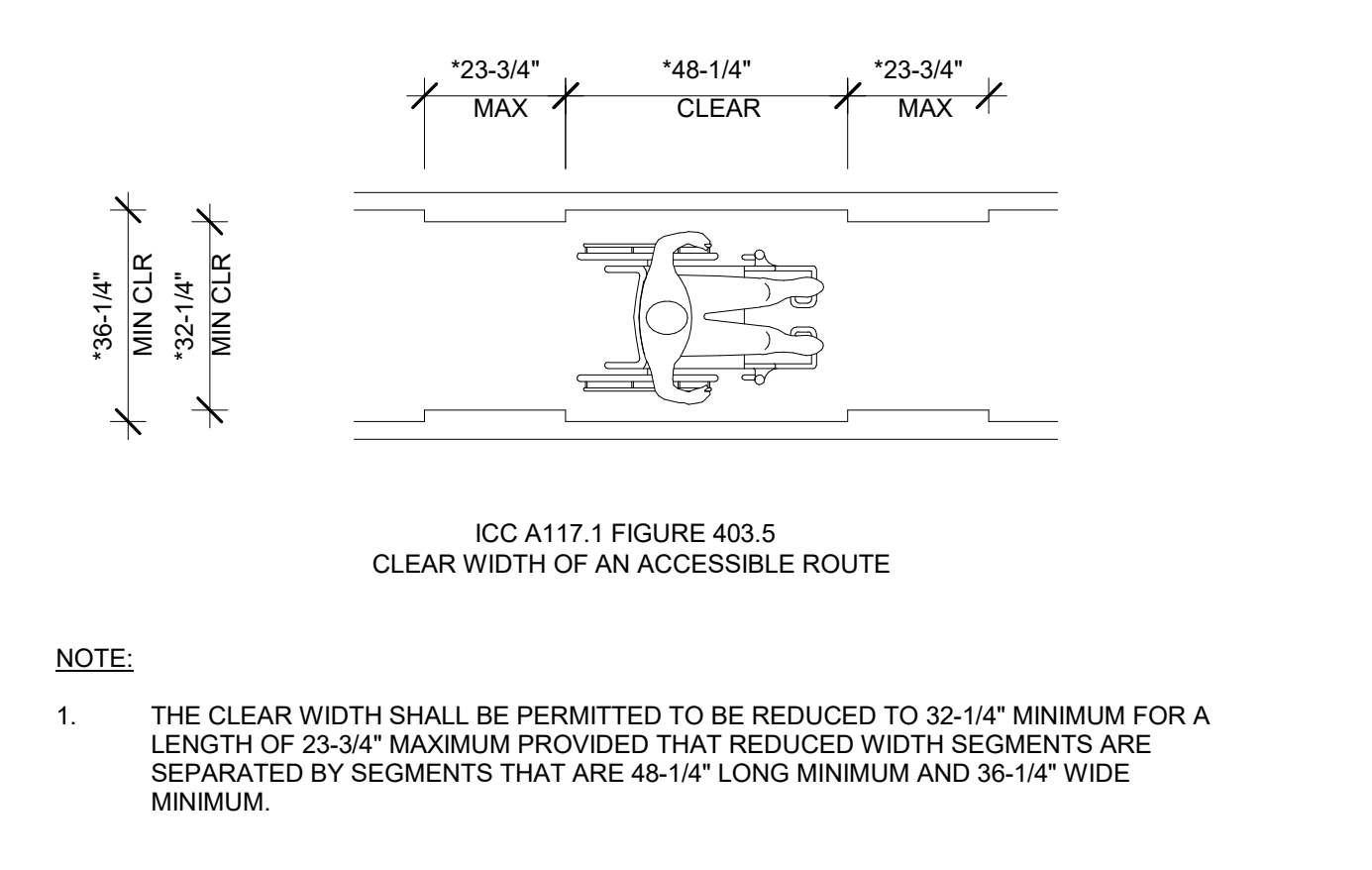


- NOTES:**
- WHERE A FORWARD REACH IS UNOBSTRUCTED, THE HIGH FORWARD REACH SHALL BE 47 7/8" MAXIMUM AND THE LOW FORWARD REACH SHALL BE 15 1/8" MINIMUM ABOVE THE FINISH FLOOR OR GROUND.
 - WHERE A HIGH FORWARD REACH IS OVER AN OBSTRUCTION, THE CLEAR FLOOR SPACE SHALL EXTEND BENEATH THE ELEMENT FOR A DISTANCE NOT LESS THAN THE REQUIRED REACH DEPTH OVER THE OBSTRUCTION. THE HIGH FORWARD REACH SHALL BE 47 7/8" MAXIMUM WHERE THE REACH DEPTH IS 20" MAXIMUM. 43 7/8" MAXIMUM AND THE REACH DEPTH SHALL BE 24 7/8" MAXIMUM.

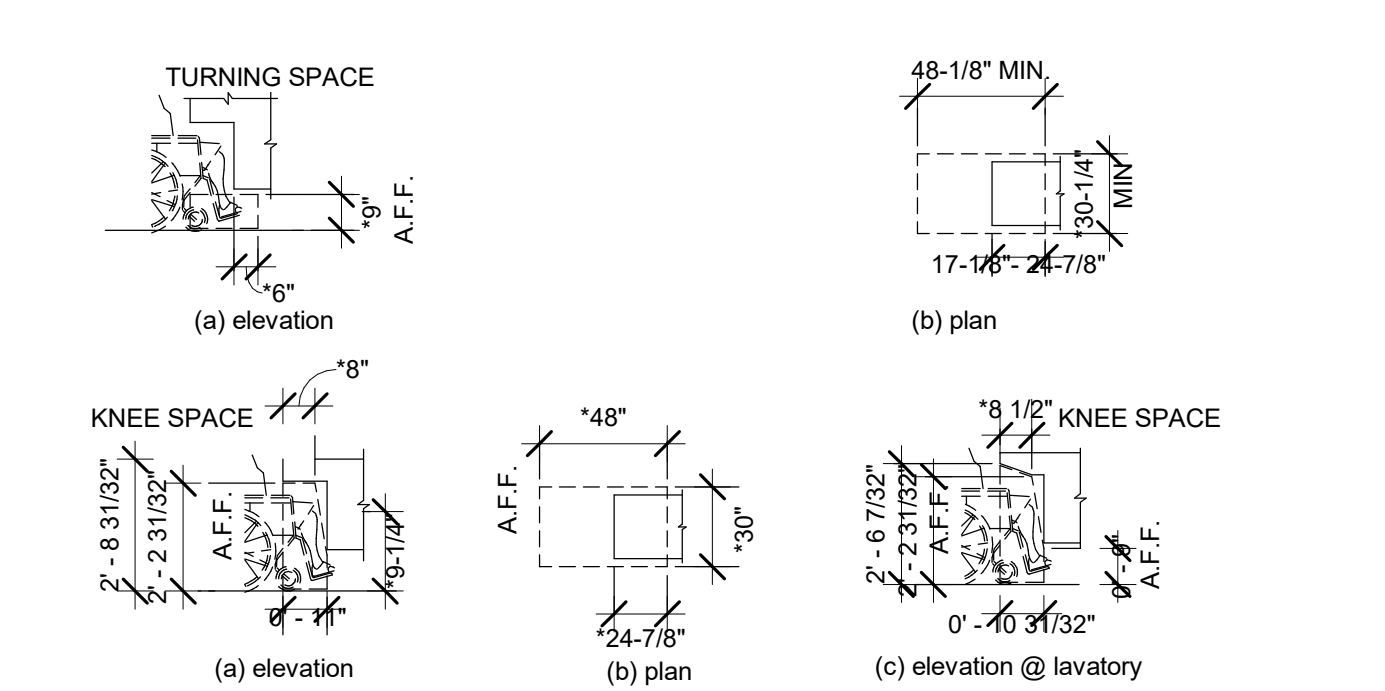
FORWARD REACH Scale: 3/16" = 1'-0" **6**



PROTRUDING OBJECTS Scale: 3/16" = 1'-0" **5**

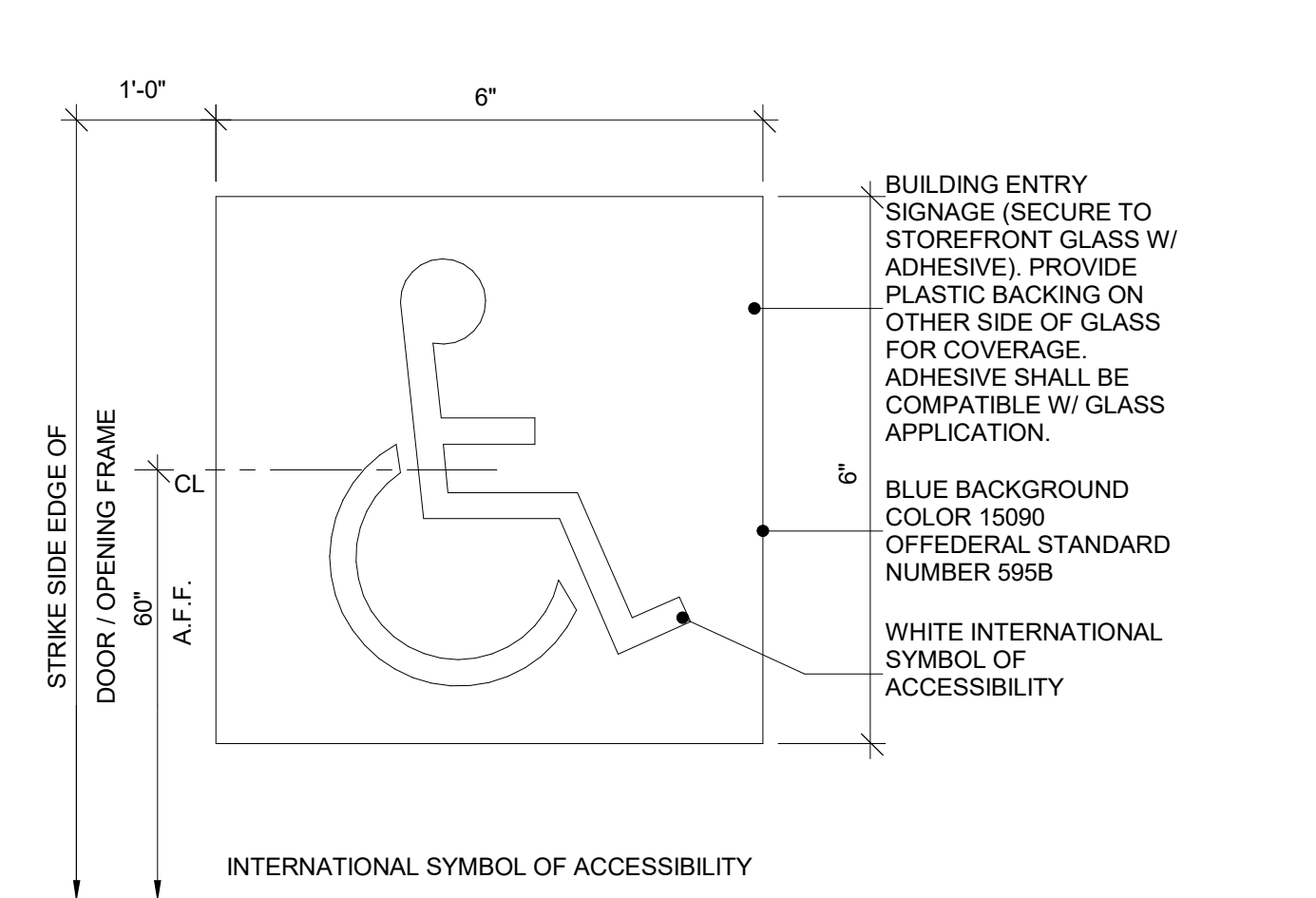


CLEAR WIDTH AT ROUTE/ TURN Scale: 3/8" = 1'-0" **4**

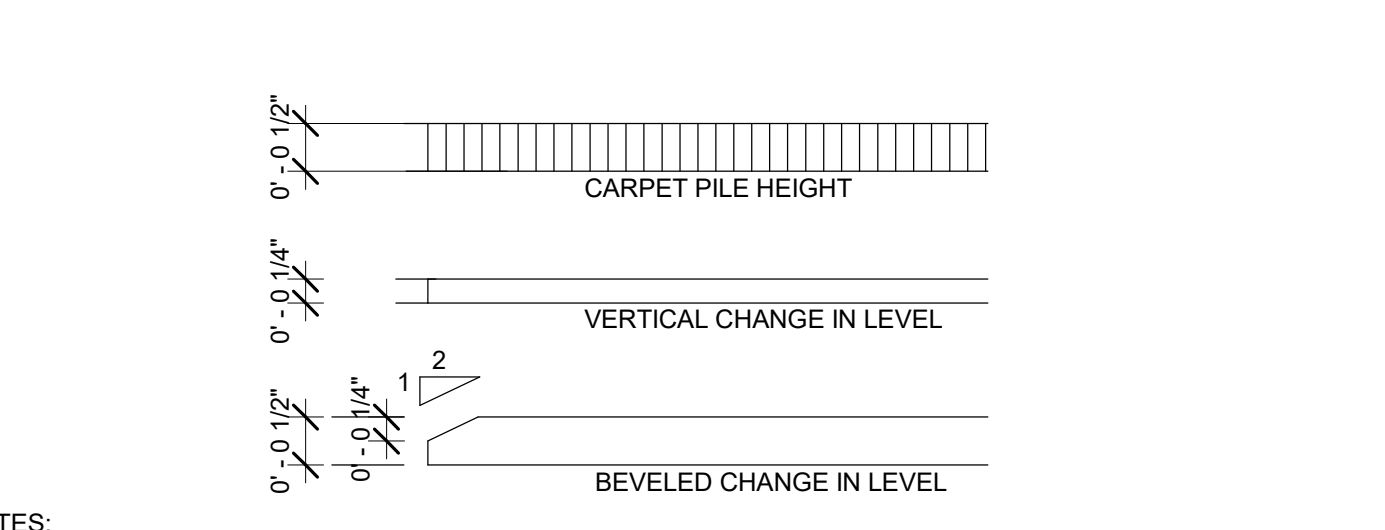


- NOTES:**
- SPACE UNDER AN ELEMENT BETWEEN THE FINISH FLOOR OR GROUND AND 9-1/4 INCHES ABOVE THE FINISH FLOOR OR GROUND SHALL BE CONSIDERED TOE CLEARANCE.
 - SPACE UNDER AN ELEMENT BETWEEN 9-1/4 INCHES AND 27 INCHES ABOVE THE FINISH FLOOR OR GROUND SHALL BE CONSIDERED KNEE CLEARANCE.

KNEE CLEARANCE Scale: 1/4" = 1'-0" **3**



BUILDING SIGN ENTRY Scale: 6" = 1'-0" **2**



- NOTES:**
- CARPET OR CARPET TILE SHALL BE SECURELY ATTACHED AND SHALL HAVE A FIRM CUSHION, PAD, OR BACKING OR NO CUSHION OR PAD. CARPET OR CARPET TILE SHALL HAVE A LEVEL LOOP, TEXTURED LOOP, LEVEL CUT PILE, OR LEVEL CUT/UNCUT PILE TEXTURE. PILE HEIGHT SHALL BE 1/2" MAXIMUM. EXPOSED EDGES OF CARPET SHALL BE FASTENED TO FLOOR SURFACES AND SHALL HAVE TRIM ON THE ENTIRE LENGTH OF THE EXPOSED EDGE.
 - CHANGES IN LEVEL OF 1/4" HIGH MAXIMUM SHALL BE PERMITTED TO BE VERTICAL AND WITHOUT EDGE TREATMENT.
 - CHANGES IN LEVEL BETWEEN 1/4" HIGH MINIMUM AND 1/2" HIGH MAXIMUM SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2.
 - THRESHOLDS SHALL BE 1/2" HIGH MAXIMUM.

FLOOR/GROUND SURFACE Scale: 1/4" = 1'-0" **1**

Kinetic Design
 29833 Santa Margarita Pkwy, Suite 300
 Rancho Santa Margarita, CA 92688
 Main: 951.710.6334 Web: kineticdesign.build Email: info@kineticdesign.build

Aaron's
 400 GALLERIA PARKWAY, SUITE 300
 ATLANTA, GA 30339
 PHONE NUMBER: (678) 402-3000

AARON'S C0573 / C0618
 29850 - 29900 LAKESHORE BLVD
 WILLOWICK, OH 44095

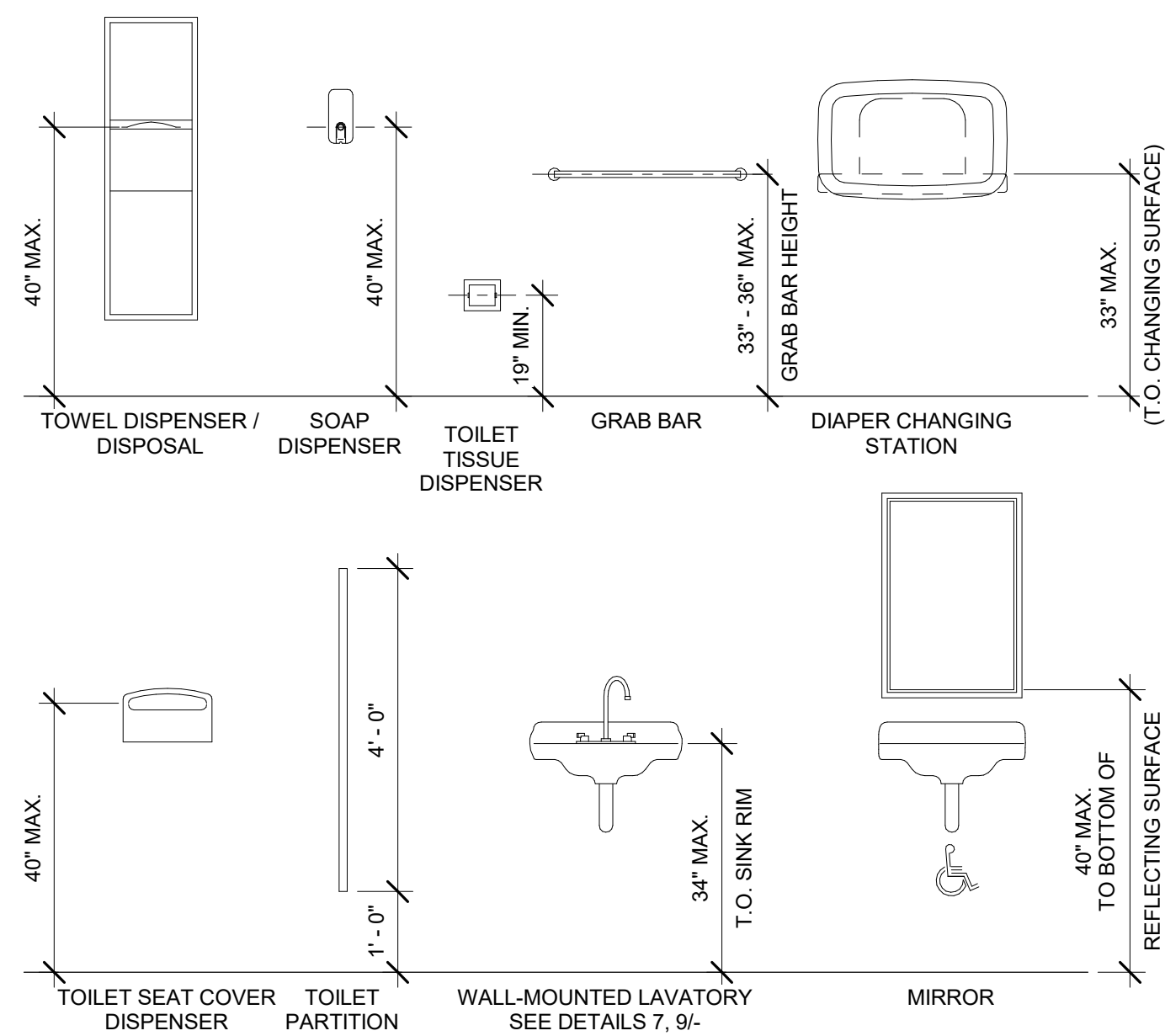
ACCESSIBILITY STANDARDS AND DETAILS

STATE OF OHIO
JOHN C SCHNEIDER
ARC. 1215624
REGISTERED ARCHITECT

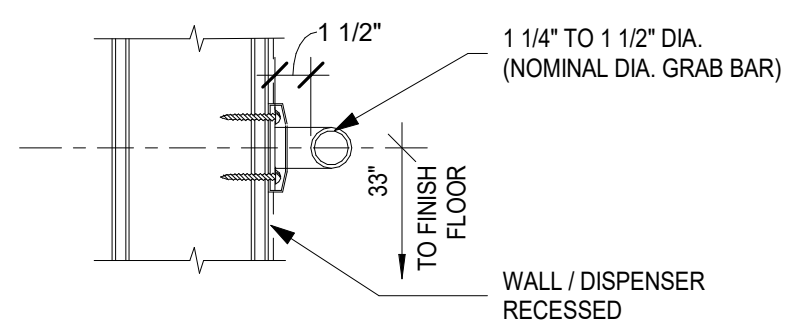
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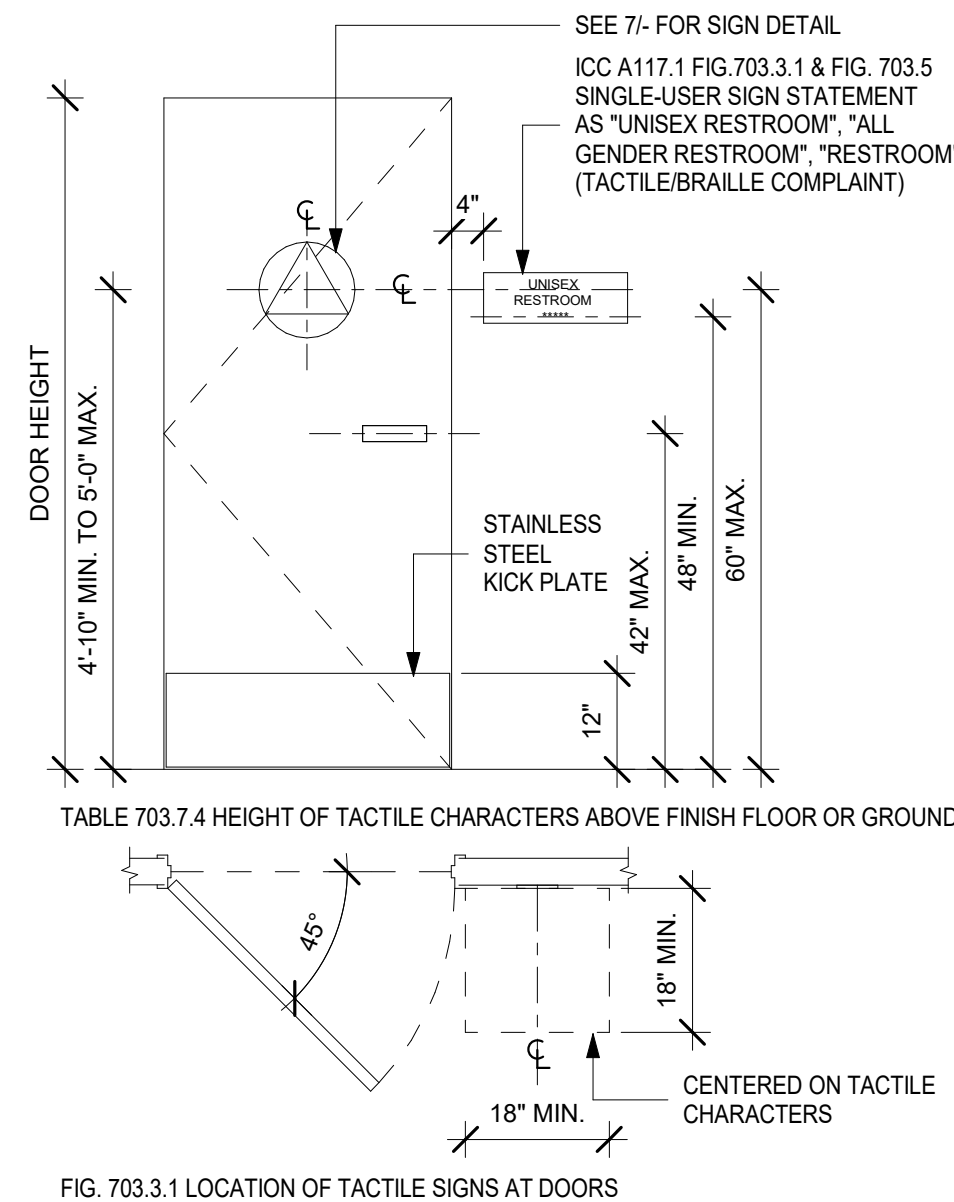


RESTROOM MOUNTING HEIGHTS Scale: NTS 12

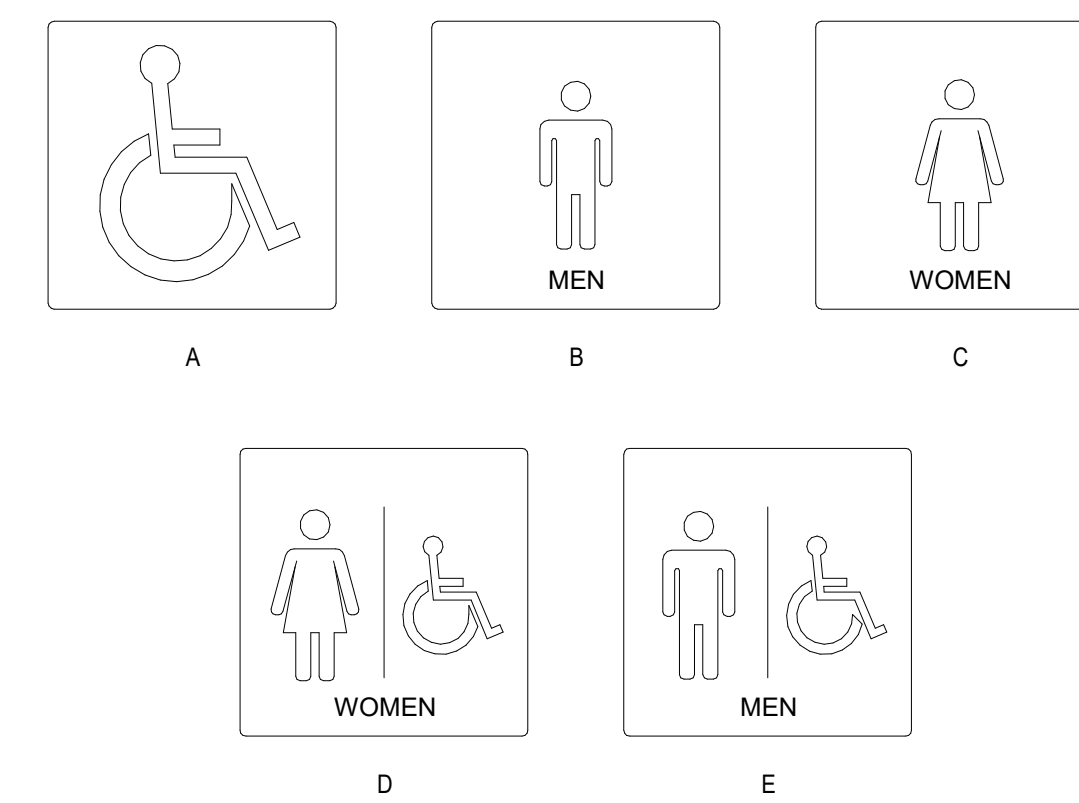


- GRAB BAR DIMENSIONS DETAIL**
- DIAMETER OF GRAB BARS IS 1 1/4" - 1 1/2" OR SHAPE PROVIDES EQUIVALENT GRIPPING SURFACE. (ICC A117.1 609.2.1, 609.2.2)
 - CLEARANCE BETWEEN GRAB BAR(S) AND WALL IS 1/2". (ICC A117.1 609.3)
 - GRAB BARS MOUNTED AT 33" TO CENTER OF BAR ABOVE AND PARALLEL TO FLOOR. FOR TANK TYPE TOILETS, 36" MAY BE ALLOWED IF TANK OBSTRUCTS PLACEMENT OF BACK BAR. (ICC A117.1 609.4.1)
 - BAR IS SMOOTH WITH A MINIMUM RADIUS OF 1/8".
 - MIN. STRUCTURAL STRENGTH OF GRAB BARS WILL SUPPORT A 250 LB. POINT LOAD. (ICC A117.1 609.8)
 - GRAB BARS DO NOT ROTATE WITHIN THEIR FITTINGS. (ICC A117.1 609.6)
 - SURFACE OF WALL ADJACENT TO GRAB BARS IS FREE OF SHARP OR ABRASIVE MATERIALS. (ICC A117.1 609.5)

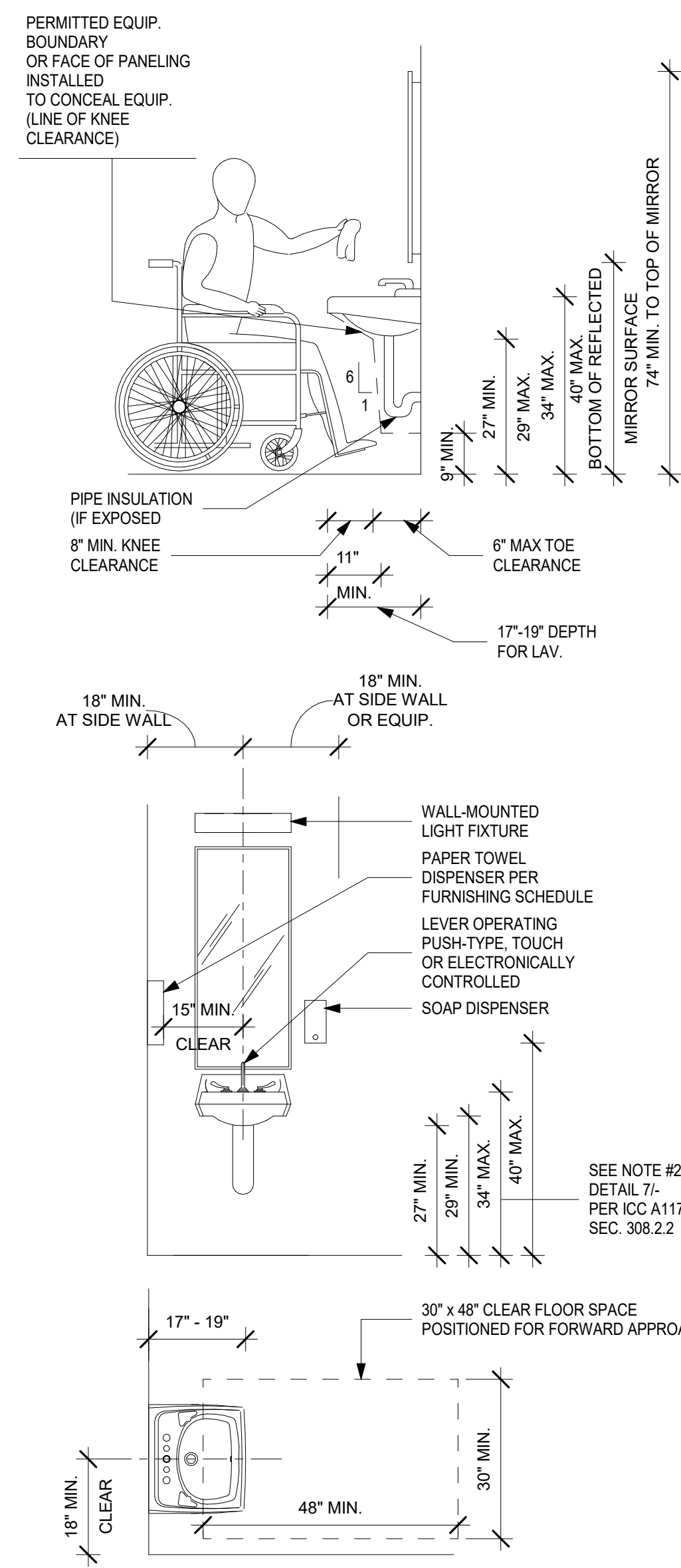
GRAB BARS Scale: 1 1/2" = 1'-0" 9



LOCATION OF TACTILE SIGNS Scale: 1/2" = 1'-0" 6

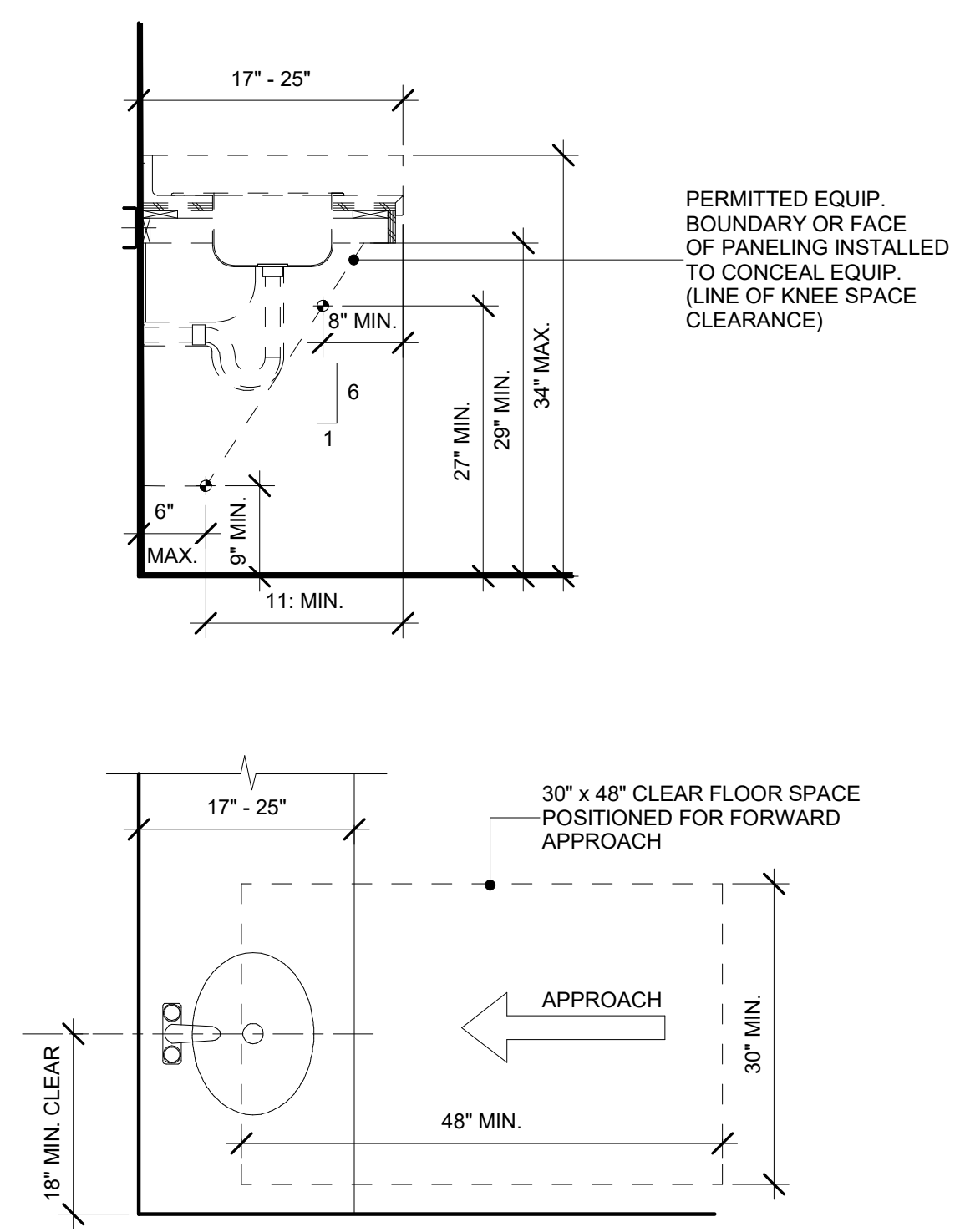


- NOTE: ALL SIGNAGE IS 1/4" THICK PLASTIC OR EQUAL.
- CHARACTERS & BACKGROUND OF SIGNS IS EGGSHELL, MATTE OR OTHER NON-GLARE FINISH.
 - CHARACTERS SHALL CONTRAST WITH THE BACKGROUND LIGHT ON DARK, OR DARK ON LIGHT.
 - MOUNT SIGNAGE 60" ABOVE FINISHED FLOOR TO CENTERLINE OF SIGN.
 - BORDER DIMENSION OF PICTOGRAM TO BE 6" MINIMUM IN HEIGHT.

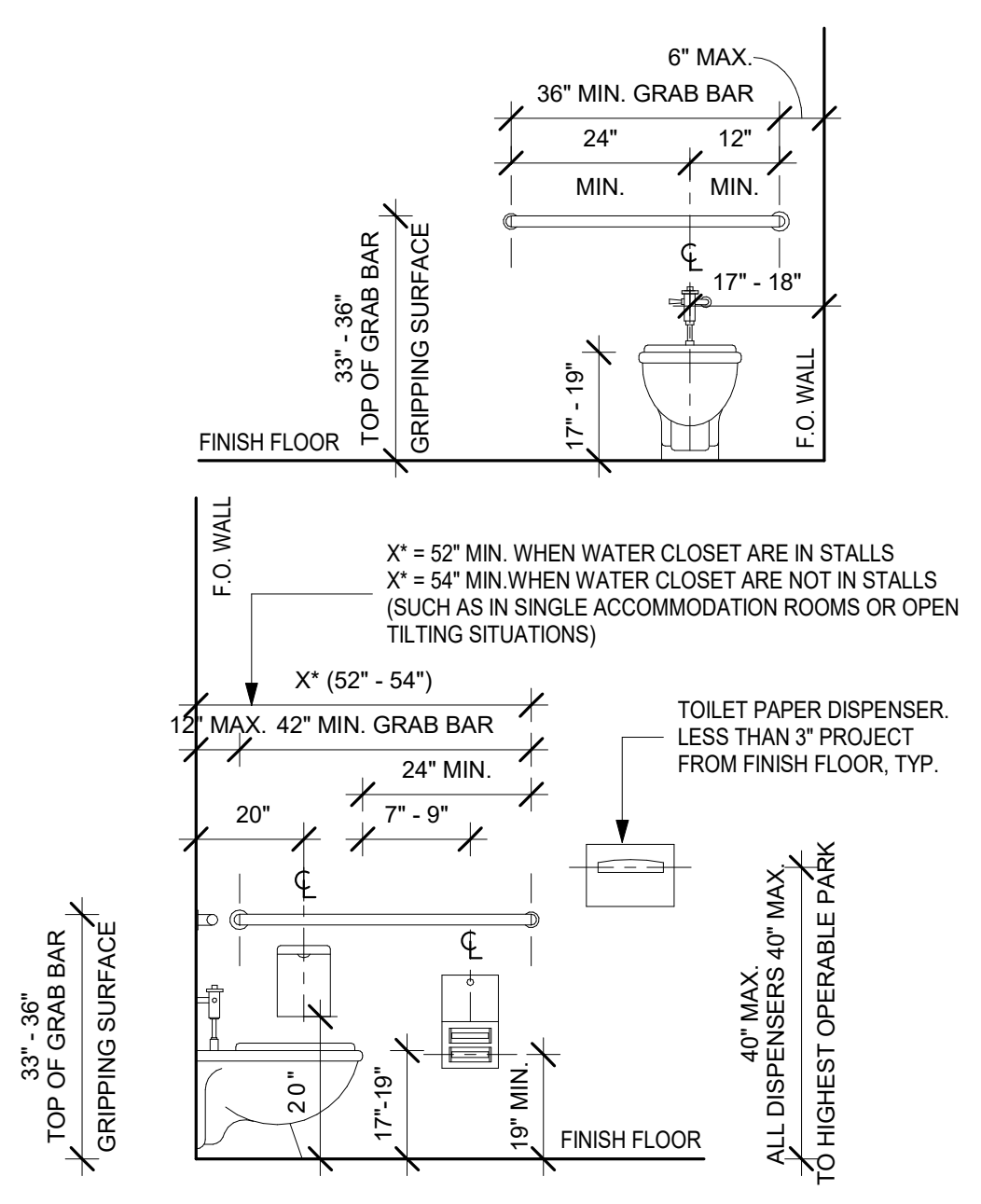


ACCESSIBLE LAVATORY REQUIREMENTS Scale: NTS 10

- NOTES:**
- A CLEAR FLOOR SPACE, POSITIONED FOR FORWARD APPROACH, AND KNEE AND TOE CLEARANCE SHALL BE PROVIDED.
 - THE FRONT OF SINKS AND LAVS. SHALL BE 3/4" MAXIMUM ABOVE THE FLOOR, MEASURED TO THE FIXTURE RIM OR COUNTER SURFACE, WHICHEVER IS HIGHER.
 - HAND-OPERATED, SELF-CLOSING FAUCETS SHALL REMAIN OPEN FOR 10 SECONDS MINIMUM.
 - WATER SUPPLY AND DRAIN PIPES UNDER SINKS AND LAVS. SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROJECT AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER SINKS.
 - OPERABLE PARTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 LBS. MAXIMUM.
 - OPERABLE PART CANNOT BE FURTHER BACK THAN THE TOE SPACE BELOW.
 - THE REQUIRED TOE SPACE AT A HWF OR SINK MUST EXTEND 19" MIN. AND 25" MAX. AS MEASURED FROM THE FRONT EDGE OF THE HWF OR SINK. THE SPACE PROVIDED MAY EXTEND BEYOND THE MAX. 25" BUT IS NOT CONSIDERED AS ACCESSIBLE TOE SPACE. THE REQUIRED TOE SPACE AT LAVATORY MUST EXTEND 17" MIN. AND 19" MAX. AS MEASURED FROM THE FRONT EDGE OF THE LAV. OR SINK. THE SPACE PROVIDED MAY EXTEND BEYOND THE MAX. 19" BUT IS NOT CONSIDERED AS ACCESSIBLE TOE SPACE.



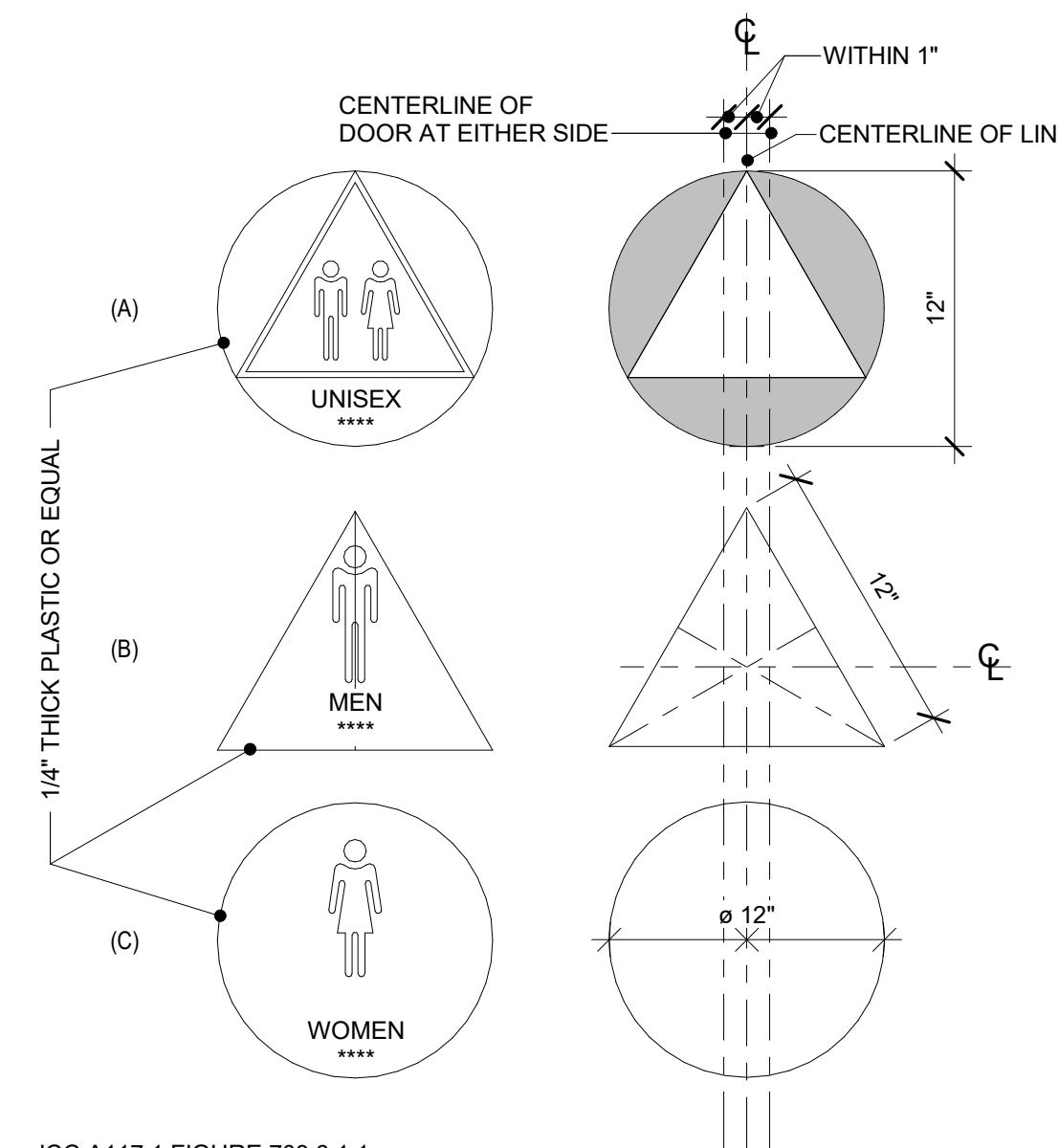
ACCESSIBLE SINK REQUIREMENTS Scale: 3/4" = 1'-0" 7



WATER CLOSET REQUIREMENTS Scale: 1/2" = 1'-0" 5

- STANDARD ACCESSIBLE TOILET STALL NOTES:**
- TOTAL STALL DIMENSIONS MUST INCORPORATE ALL CLEARANCES SHOWN TO COMPLY WITH BOTH STATE AND FEDERAL REQUIREMENTS.
 - REGARDLESS OF STALL CONFIGURATION, A 48" LONG MINIMUM CLEARANCE FLOOR SPACE SHALL BE PROVIDED IN FRONT OF THE WATER CLOSET. INTERIOR DIMENSIONS OF SINGLE ACCOMMODATION TOILET ROOMS SHALL INCLUDE A CLEAR SPACE OF AT LEAST 60" IN DIAMETER OR A T-SHAPED CLEAR SPACE. NO DOOR MAY ENCRUCH INTO THIS REQUIRED CLEAR SPACE BY MORE THAN 12".
 - SIDE GRAB BARS IN SINGLE ACCOMMODATION TOILET ROOMS MUST BE INSTALLED SUCH THAT THE FRONT END OF THE BAR IS LOCATED A MINIMUM OF 54" FROM THE BACK WALL.

SINGLE ACCOMMODATION TOILET Scale: 3/8" = 1'-0" 4



RESTROOM SIGNAGE Scale: 1 1/2" = 1'-0" 2

MEASUREMENT RANGE	MINIMUM IN INCHES	MAXIMUM IN INCHES
DOT BASE DIAMETER	0.059 TO 0.063	
DISTANCE BETWEEN TWO DOTS IN THE SAME CELL	1	0.090 TO 0.100
DISTANCE BETWEEN CORRESPONDING DOTS IN ADJACENT CELLS	1	0.241 TO 0.300
DOT HEIGHT		0.025 TO 0.037
DISTANCE BETWEEN CORRESPONDING DOTS FROM ONE CELL DIRECTLY BELOW	1	0.395 TO 0.400

- MEASURED CENTER TO CENTER
 - DISTANCE BETWEEN CORRESPONDING DOTS IN ADJACENT CELLS
 - DISTANCE BETWEEN DOTS IN THE SAME CELL
 - DISTANCE BETWEEN CORRESPONDING DOTS FROM ONE CELL DIRECTLY BELOW
- BRILLE SHALL BE CONTRACTED (GRADE 2)
- BRILLE DOTS SHALL HAVE A DOMED OR ROUNDED SHAPE AND SHALL COMPLY WITH FIGURE 11B-703.3.1. THE INDICATION OF AN UPPERCASE LETTER OR LETTERS SHALL ONLY BE USED BEFORE THE FIRST WORD OF SENTENCES, PROPER NOUNS AND NAMES, INDIVIDUAL LETTERS OF THE ALPHABET, INITIALS, AND ACRONYMS.
- BRILLE SHALL BE POSITIONED BELOW THE CORRESPONDING TEXT IN A HORIZONTAL FORMAT. FLUSH LEFT OR CENTERED. IF TEXT IS MULTI-LINED, BRILLE SHALL BE PLACED BELOW THE ENTIRE TEXT. BRILLE SHALL BE SEPARATED 3/8 INCH (9.5 MM) MINIMUM AND 1/2 INCH MAXIMUM FROM ANY OTHER TACTILE CHARACTERS AND 3/8 INCH (9.5 MM) MINIMUM FROM RAISED BORDERS AND DECORATIVE ELEMENTS.

SIGNS/BRILLE Scale: 1" = 10'-0" 1

Kinetic Design
29833 Santa Margarita Pkwy, Suite 300
Rancho Santa Margarita, CA 92688
Main: 951.710.6334 Web: kineticdesign.build
Email: info@kineticdesign.build

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REVISIONS		
No.	DATE	DESCRIPTION

CLIENT INFORMATION

Aaron's
400 GALLERIA PARKWAY, SUITE 300
ATLANTA, GA 30339
PHONE NUMBER: (678) 402-3000

PROJECT NAME: **AARON'S C0573 / C0618**
29850 - 29900 LAKESHORE BLVD
WILLOWICK, OH 44095

SHEET NAME: **ACCESSIBILITY STANDARDS AND DETAILS**

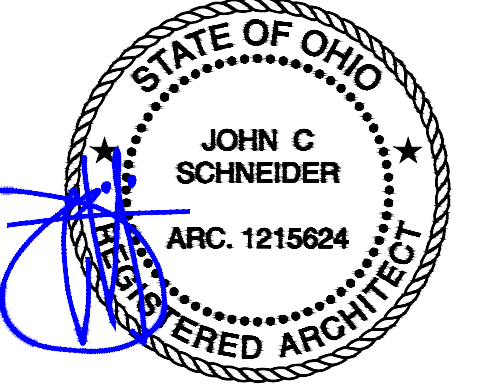
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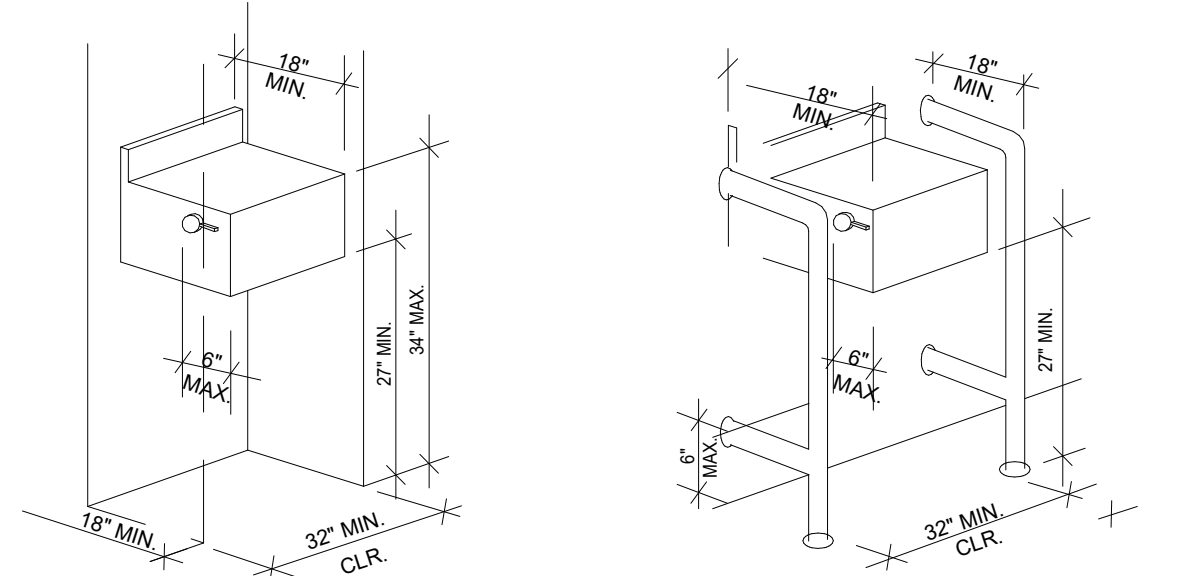
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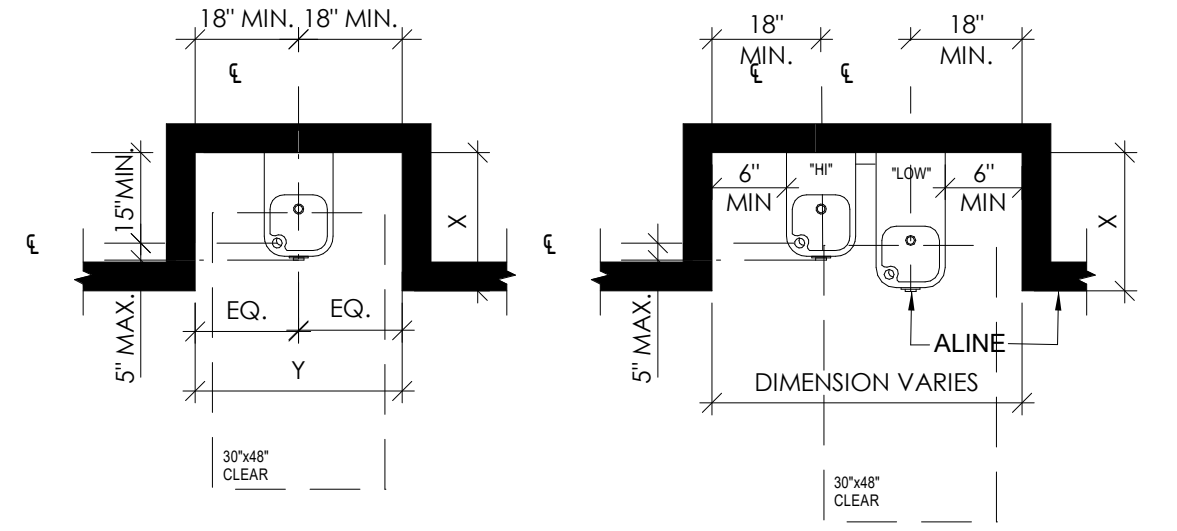
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 29833 Santa Margarita Pkwy, Suite 300
 Rancho Santa Margarita, CA 92688
 Main: 951.710.6334 Web: kineticdesign.build
 Email: info@kineticdesign.build



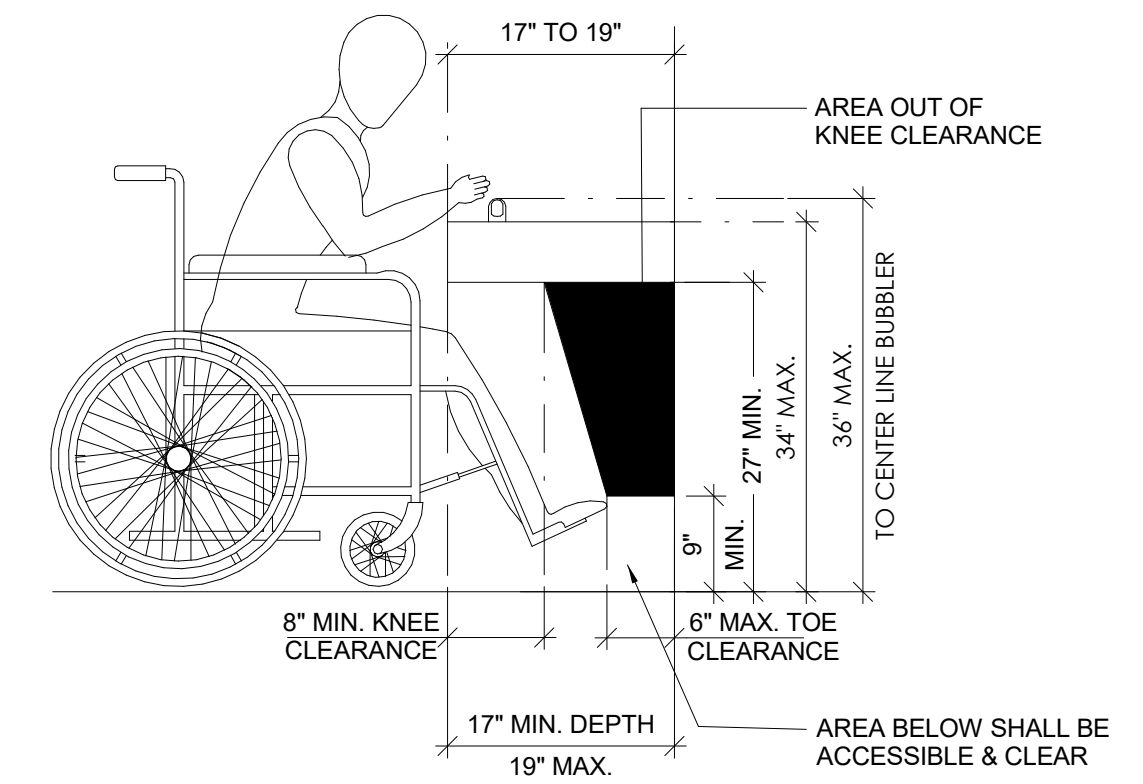
NOT USED Scale NTS 2



ALCOVE INSTALLATION NON-ALCOVE WING WALL INSTALLATION EXCEPTION ONLY



DRINKING FOUNTAIN SPOUT LOCATION AT ALCOVE
 PLAN OF "HI-LOW" DRINKING FOUNTAIN
 NOTE:
 1F X = 18" MIN. ALCOVE DEPTH, THEN Y = 32" MIN.
 IF ALCOVE DEPTH (X) IS GREATER THAN 24",
 THEN ALCOVE WIDTH (Y) MUST BE MINIMUM OF 36" CLEAR



DRINKING FOUNTAINS
 SPOUT HEIGHT AND KNEE CLEARANCE AT DRINKING FOUNTAINS

1. WATER FOUNTAINS SHALL BE LOCATED COMPLETELY WITHIN ALCOVES OR OTHERWISE POSITIONED SO AS NOT TO ENCR OACH INTO PEDESTRIAN WAYS. THE ALCOVE IN WHICH 32-INCHES IN WIDTH AND 18-INCHES IN DEPTH. THE WATER FOUNTAIN IS LOCATED SHALL BE NOT LESS THAN AND THERE SHALL BE A CLEAR AND UNOBSTRUCTED KNEE THE DRINKING FOUNTAIN SHALL BE A MIN. 18-INCHES IN DEPTH
2. SPACE UNDER THE DRINKING FOUNTAIN NOT LESS THAN 27-INCHES IN HEIGHT AND 8-INCHES IN DEPTH, THE DEPTH MEASUREMENT BEING TAKEN FROM THE FRONT EDGE OF THE FOUNTAIN. ADDITIONALLY THERE SHALL BE TOE CLEARANCE 9-INCHES IN HEIGHT ABOVE THE FLOOR, AND 17-INCHES IN DEPTH FROM THE FRONT EDGE OF THE FOUNTAIN. A SIDE APPROACH DRINKING FOUNTAIN IS NOT ACCEPTABLE.
3. THE BUBBLER SHALL BE ACTIVATED BY A CONTROL WHICH IS EASILY OPERATED BY A HANDICAPPED PERSON SUCH AS A HAND-OPERATED LEVER TYPE CONTROL LOCATED WITHIN 6-INCHES OF THE FRONT OF THE FOUNTAIN, A PUSH BAR CONTROL ALONG THE FRONT OF THE DRINKING FOUNTAIN, ETC. THE BUBBLER OULET ORIFICE SHALL BE LOCATED WITHIN 6-INCHES OF THE FRONT OF THE DRINKING FOUNTAIN AND SHALL BE WITHIN 36-INCHES OF THE FLOOR. THE WATER STREAM FROM THE BUBBLER SHALL BE SUBSTANTIALLY PARALLEL TO THE FRONT EDGE OF THE DRINKING FOUNTAIN.

NOT USED Scale NTS 3

DRINKING FOUNTAIN REQUIREMENT Scale NTS 1

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CLIENT INFORMATION

Aaron's
 400 GALLERIA PARKWAY, SUITE 300
 ATLANTA, GA 30339
 PHONE NUMBER: (678) 402-3000

PROJECT NAME

AARON'S C0573 / C0618
 29850 - 29900 LAKESHORE BLVD
 WILLOWICK, OH 44095

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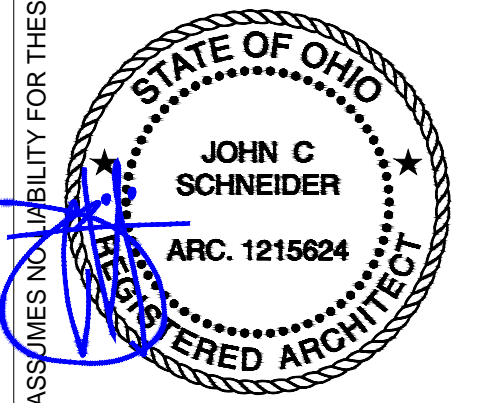
GENERAL NOTES

- A. THE MECHANICAL CONTRACTOR SHALL COORDINATE WITH ALL OTHER TRADES PRIOR TO COMMENCING HIS WORK.
- B. COORDINATE DUCT ROUTING INSTALLATION HEIGHTS AND CLEARANCES WITH GENERAL CONTRACTOR.
- C. HVAC CONTRACTOR SHALL REPLACE ALL FILTERS WITH NEW ONES PRIOR TO TURNOVER OF PROJECT TO THE OWNER.
- D. EXISTING PLENUM RETURN SHALL BE USED AS IS.
- E. SMOKE EVACUATION SYSTEM BY OTHERS.
- F. EXISTING ROOF TOP UNIT TO REMAIN, CONTRACTOR VERIFY SIZE AND LOCATION OF UNIT PRIOR OF START TO WORK.
- G. EXISTING THERMOSTAT TO REMAIN, RELOCATED IF IT IS NECESSARY, COORDINATE LOCATION WITH OWNER, CONTRACTOR VERIFY MODEL AND LOCATION OF THERMOSTAT PRIOR OF START TO WORK.
- H. ANY PENETRATIONS TO THE FIRE BARRIER WILL REQUIRE FIRE-SMOKE DAMPER FOR DUCTING AND FIRE CHALKING FOR PIPING. FIELD VERIFY.

MECHANICAL PLAN KEY NOTES

- 1 EXISTING EXHAUST FAN WITH ALL ACCESSORIES TO REMAIN, CONTRACTOR VERIFY SIZE AND LOCATION OF UNIT PRIOR OF START TO WORK.
- 2 EXISTING AIR DEVICE TO REMAIN, SERVICE AND BALANCE AIR BEFORE OCCUPANCY, CONTRACTOR VERIFY SIZE AND LOCATION OF AIR DEVICE PRIOR OF START TO WORK.
- 3 INSTALL NEW AIR DEVICE AS SHOWN ON PLAN, SERVICE AND BALANCE AIR BEFORE OCCUPANCY.
- 4 POINT OF CONNECTION FOR NEW DUCT WORK, CONNECT TO EXISTING DUCT WORK NEARBY, CONTRACTOR VERIFY CONNECTION LOCATION OF DUCT WORK ON FIELD.

KD
Kinetic Design
29833 Santa Margarita Pkwy, Suite 300
Rancho Santa Margarita, CA 92688
Main: 951.710.6334 Web: kineticdesign.build
Email: info@kineticdesign.build



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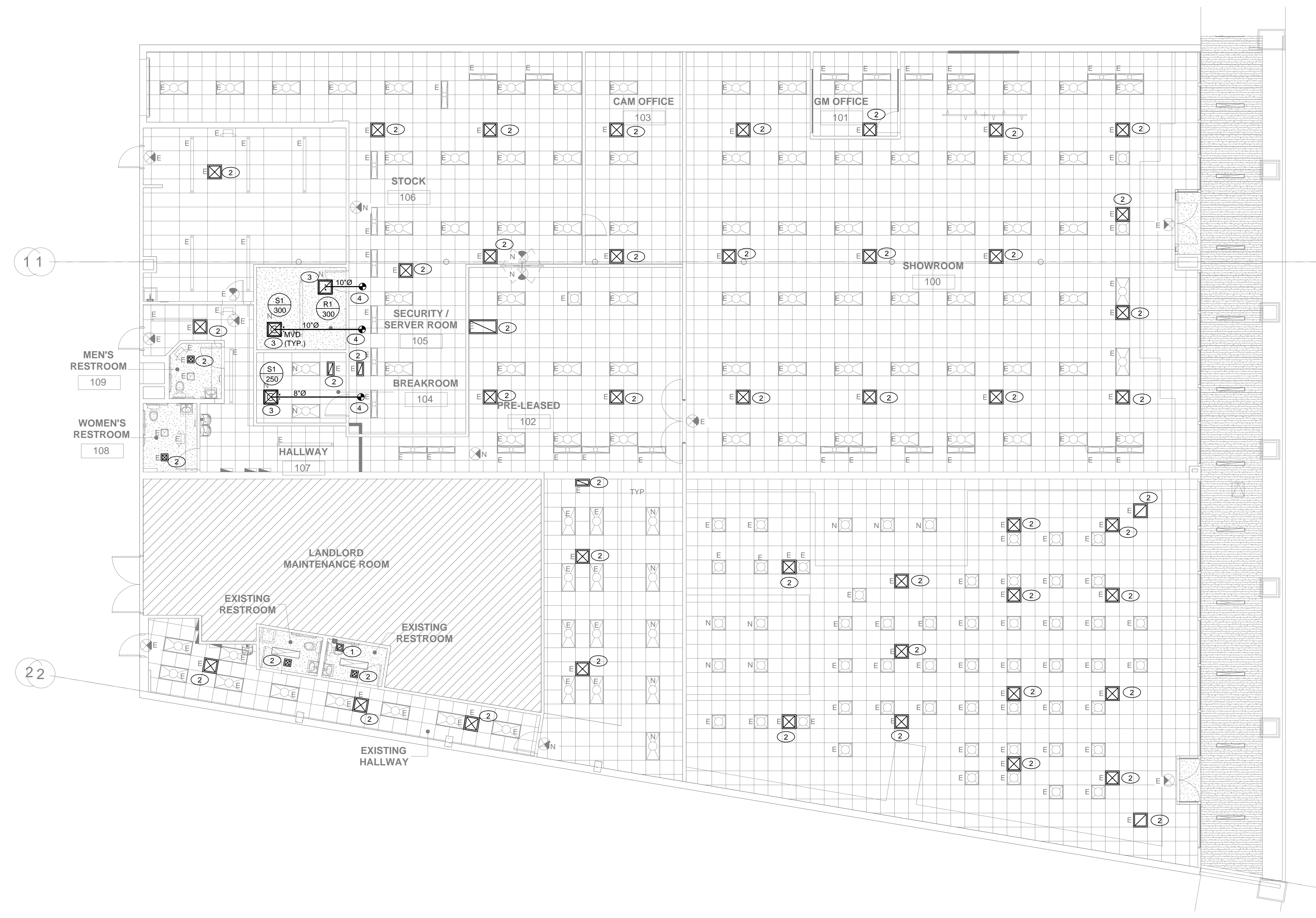
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29850 - 29900 LAKESHORE BLVD
WILLOWICK, OH 44095

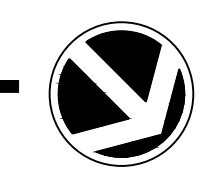
SHEET NAME
MECHANICAL FLOOR PLAN

DRAWN	CHECKED
RH	
DATE	03/07/23
SCALE	AS NOTED
PROJECT NUMBER	
SHEET	M200

NOTES:
IT IS REQUIRED THAT THE MECHANICAL CONTRACTOR MUST VISIT THE JOB SITE TO FAMILIARIZE HIMSELF WITH MAJOR ITEMS SUCH AS STRUCTURAL ELEMENTS, PLUMBING LOCATIONS AND ELECTRICAL RUNS. ADDITIONALLY, MECHANICAL CONTRACTOR SHALL VERIFY EXACT LOCATIONS AND DIMENSIONS OF SUCH ITEMS AS HVAC UNIT, DUCTWORK, ETC. FAILURE TO VISIT THE SITE DOES NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY IN PERFORMANCE OF HIS WORK.
RELOCATE CONDENSATE LINES TO INSIDE THE BUILDING PER LOCAL CODES OR AS NEEDED.
CONTRACTOR TO HANG DUCTS WITHIN 12" OF THE BOTTOM OF THE STRUCTURAL SUPPORTS. CONTRACTOR SHALL VERIFY IN FIELD.



SCALE: 1/8" = 1'-0" **MECHANICAL FLOOR PLAN**



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STANDARD ABBREVIATIONS table with columns for symbol and description, listing terms like AMPERE, ABOVE FINISHED FLOOR, etc.

LIGHTING CONTROL SYMBOLS table with columns for symbol and description, listing symbols like luminaire identification, switches, and dimmers.

CONTROL CONFIGURATIONS table with columns for symbol and description, listing switch leg configurations like 'y', 'y(y)', and '(y)'.

DEVICES table with columns for symbol, description, and mounting (loc, ht), listing items like simplex receptacle, duplex receptacle, etc.

FLOOR BOX SPECIFICATIONS table with columns for symbol, description, and mounting, listing service configurations for floor boxes.

Table with columns for symbol and description, listing additional device specifications and connection requirements.

SIGNAL table with columns for symbol and description, listing items like thermostat outlet, enclosed circuit breaker, etc.

SINGLE LINE table with columns for symbol and description, listing circuit breaker, fuse, switch, etc.

WIRING LEGEND table with columns for symbol and description, listing raceway types and conduit symbols.

APPLICABLE CODES table with columns for year and code name, listing Michigan Building Code, Residential Code, etc.

ELECTRICAL SHEET INDEX table with columns for no., sheet, and description, listing sheet numbers and titles.

ALLOWED SPECIFICATIONS DEVIATIONS section with text: 'THE FOLLOWING ITEM(S) ARE ALLOWED DEVIATIONS FROM THE DRAWINGS AND SPECIFICATIONS. THESE DEVIATIONS ARE AT THE DIRECTION OF THE OWNER.'

SCOPE OF WORK section with text: 'INTERIOR REMODEL OF EXISTING AARON'S FURNITURE STORE. SCOPE TO INCLUDE NEW EGRESS DOOR, ADDITIONAL LIGHTING, NEW NON-LOAD BEARING INTERIOR PARTITION WALLS, NEW FINISHES AND FIXTURES.'

DEFERRED APPROVAL section with text: 'FIRE ALARM SYSTEM SHALL BE UNDER SEPARATE PERMIT. SEPARATE PLANS SHALL BE SUBMITTED FOR APPROVAL BY A FIRE ALARM ENGINEER AND ALL PERMITS, INSPECTIONS AND APPROVALS SHALL BE OBTAINED FROM THE FIRE DEPARTMENT HAVING JURISDICTION.'

NOTE FOR ELECTRICAL CONTRACTOR section with text: 'ELECTRICAL CONTRACTOR TO SURVEY EXISTING CONDITION AND REPORT TO OWNER. BID TO INCLUDE SCOPE OF EXTENDED WORK, INCLUDING REQUIREMENTS OF STATE & LOCAL CODE.'

BRANCH CIRCUIT SYMBOLS table with columns for symbol and description, listing conduit homerun symbols.

Project information and contact details including Kinetic Design logo, State of Ohio seal for John C. Schneider, Aaron's logo and address (400 Galleria Parkway, Suite 300), and sheet title 'E001'.

PART I - GENERAL

A. CONDITIONS

- 1. Furnish and install a completely wired and operational electrical system as shown on the drawings and specified herein, including but not limited to, these major items.
1.1. Lighting fixtures as indicated and specified on the plans.
1.2. Electrical panels, service, conduit, wiring, etc., for all outlets and equipment.
1.3. Telephone outlets and conduit as indicated.

B. RELATED WORKS

- 1. The Electrical Contractor shall provide conduit, trench, and backfill for electrical service entrance from the main service to utility point of electrical service.
2. The Electrical Contractor shall provide conduit, trench, and backfill for primary phone and CATV service from the telephone terminal board or cabinet to the phone company and CATV company point of service.

C. CODES, REGULATIONS, AND STANDARDS

- 1. The installation shall comply with applicable local and state codes and ordinances, with the regulations of the currently accepted edition of the National Electric Code and with the requirements of the power, telephone, and CATV companies furnishing services to this installation.
2. The following industry standards, specifications, and codes are minimum requirements:
2.1. The National Electrical Code (NEC), including local amendments.
2.2. Underwriter Laboratories (UL) incorporated standards.
2.3. American National Standards Institute (ANSI).

D. INSPECTION OF SITE

- 1. Prior to submitting a bid for electrical work, the contractor shall visit the site of the proposed construction and shall thoroughly acquaint himself with existing utilities, and working conditions to be encountered, etc.
2. Electrical installation shall meet the existing conditions.

E. STORAGE AND HANDLING OF MATERIALS

- 1. Deliver materials and equipment to the project in the manufacturer's original, unopened, labeled containers.
2. Arrange for timely delivery of materials and equipment to the job site in order to minimize the length of time between delivery and installation.
3. Cover and protect any material which may be affected by the weather while in transit or stored at the project site.

F. CLEANUP

- 1. Keep the premises free from accumulation of waste materials, or rubbish caused by employees or work under this division of the specifications.

G. EXCAVATION

- 1. Perform all excavation and back filling required for work performed under this division of the specifications.

H. DRAWINGS

- 1. The drawings indicate the general arrangement and locations of the electrical work data presented on these drawings are as accurate as plans can determine, but field verification of all dimensions, locations, leveling, etc. to suit field conditions is required.

I. EXCAVATION, CUTTING, AND FITTING

- 1. Perform the excavation, cutting, fitting, repairing, and finishing of the work necessary for the installation of the equipment of this section.

J. COOPERATION WITH OTHER CONTRACTORS

- 1. Cooperate with the other trades so that the installation of the electrical outlets and equipment will be properly coordinated.
2. Coordinate the location of the trenches and conduits for electrical and telephone utility services with the general contractor.
3. Coordinate HVAC equipment connection requirements with HVAC contractor.

PART II - PRODUCTS AND EXECUTION

A. MATERIALS

- 1. All materials shall be new and of quality as specified on the plans or specifications and must carry the Underwriter's Laboratories approval covering the purpose for which they are used, in addition to meeting all requirements of the current applicable codes and regulations.

B. CONDUIT

- 1. All wiring shall be installed in listed metallic conduit except as permitted below. RGS, with a 20 mil PVC coating will be used when in contact with

earth. IMC may be used in indoor locations not in contact with the earth. EMT may be used in indoor locations not in contact with earth, not in concrete slabs or walls and not subject to damage.

- 2. Cover metallic conduit in contact with earth with polyethylene taped spiral wrapped, 1/2 lapped to provide 20 mil thickness.
3. Fittings and conduit bodies shall be steel.
4. Conduit sizes shall be as required by code and as indicated or specified.
5. All empty conduit systems shall have a nylon pull string to facilitate installation of future wire.
6. Schedule 40 PVC conduit shall be permitted underground with proper fittings, all UL Approved and cemented joints.
7. Conduits and outlets shall be concealed with the building structure.
8. All conduit systems shall have a Code sized copper ground conductor increase conduit size as required.
9. Conduit penetration through roof shall have roof flashing with caulk type counter flashing sleeve.
10. Conduits shall be routed surface on the structure, parallel and perpendicular to the structure.

C. OUTLET, PULL, AND JUNCTION BOXES

- 1. Each switch, light, receptacle or other outlet shall be provided with a Code gauge, galvanized steel outlet box.
2. Boxes installed in poured cement floors shall be flush type cast iron or steel with watertight gasketed covers.
3. Boxes installed for the alarm, computer, and security system shall be provided with appropriate cover plates.
4. Boxes for telephone, computer, TV, fire alarm, security, and similar systems shall be minimum 4" square and 2-1/8" deep.

D. SWITCHBOARDS, DISTRIBUTION BOARDS, MOTOR CONTROL CENTERS

- 1. See Single Line Diagram General Notes on drawings for more information.

E. PANEL BOARDS

- 1. See drawings for panel board schedules and specifications.

F. WIRE

- 1. Conductor sizes shown on the drawings are based on copper wire.
2. Metal Clad Cable "Type MC" cable may only be utilized for interior branch circuitry supplying lighting fixtures.
3. When use is permitted in the Allowed Specification Deviations, Metal Clad "Type MC" cable may be installed per NEC Article 330.
4. The wires shall be marked with color to simplify circuit identification.

208/120 Volts
Phase A = Black
Phase B = Red
Phase C = Blue
Neutral = White
Ground = Green

480/277 Volts
Phase A = Brown
Phase B = Orange
Phase C = Yellow
Neutral = Gray
Ground = Green

- 5. No wire shall be installed in the conduit system until the conduit system is complete.
6. Splices in exterior pull boxes and manholes shall be weatherproof using "Scotchcast" splice kit or approved equal.
7. Provide solid conductor for 12 AWG and smaller.
8. Provide 10 AWG conductors for 20 ampere, 120V branch circuits longer than 75-feet and 8 AWG conductors for 20 ampere, 120V branch circuits longer than 120-feet.

G. WIRING DEVICES

- 1. Wall switches shall be Specification Grade AC silent type switches, 20A, 120/277 volt.
2. Receptacles shall be Specification Grade, duplex type, NEMA 5-20R, 20 ampere, 120 volt grounded type.
3. Device plates shall be equal to sierra smooth-line plastic wall plates.

shall be white, unless otherwise noted.

- 4. All receptacles identified as weatherproof on the drawings shall be weather-resistant, tamper-resistant, GFCl type and equipped with enclosure that is weatherproof (WP) whether or not the attachment plug cap is inserted.
5. Except as otherwise noted, all wiring device plates on the project shall be labeled with panel and circuit number(s) utilizing a Brother P-touch labeling system with 1/2" tape (yellow on black) or equal HellerermannTyton or Panduit.

H. LIGHTING FIXTURES

- 1. Provide all lighting fixtures, wired and connected. The drawings indicate the fixtures for each location.
2. Service entrance equipment shall be provided with a fully rated copper or aluminum bus.

I. SERVICE ENTRANCE SECTION

- 1. The service entrance equipment shall be as indicated on the drawings.
2. Service entrance equipment shall be provided with a fully rated copper or aluminum bus.

J. SYSTEM GROUNDING

- 1. Grounding shall comply with requirements of Article 250.
2. Grounding conductor (neutral) of the wiring system shall be connected to the system grounding conductor at a single place in each system.
3. A ground bus separate from the neutral bus shall be provided in all switchboards and panelboards.
4. Ground buses and neutral buses in all distribution panels, switchboards, panelboards, and those provided in any equipment shall be isolated except where required to be connected as specified above.
5. When indicated on the drawings, equipment grounding conductors shall be extended from the ground bus in the distribution equipment to the receptacle, fixture or device loads where they are provided.
6. Raceways may not be used as a grounding conductor for power and lighting circuits.
7. In inaccessible locations, make connections by exothermic weld process.
8. In accessible locations, connections shall be made with bolted through, approved solderless bronze grounding devices.
9. Bond together metal siding not attached to grounded structure bond to ground.

K. TELEPHONE SYSTEM

- 1. Telephone wall outlets shall consist of standard boxes mounted 18" above the floor unless otherwise indicated.
2. When use is permitted in the Allowed Specification Deviations, Metal Clad "Type MC" cable may be installed per NEC Article 330.

L. LIGHTING CONTROL

- 1. Furnish and install time switches, photocells, contactors and full lighting control systems as required for lighting controls indicated on the drawings.
2. Time switches shall be equal to Paragon, General Electric, Tork, or Intermatic and shall have size and number of poles as required.
3. Photocells shall be equal to Tork or Intermatic with voltage as indicated.

M. DRY TYPE TRANSFORMERS

- 1. Manufacturers: subject to compliance with requirements, provide products by one of the following:
1.1. Acme Electric Corporation; Power Distribution Products Division.
1.2. GE Electrical Distribution & Control.
1.3. Eaton.
1.4. Square D/Groupe Schneider NA.
2. Coils: Continuous windings without splices, except for taps.
3. Internal coil connections - brazed or pressure type.
4. Coil material - copper
5. Enclosure - ventilated, NEMA 250, Type 2 (NEMA 3R for outdoor installations).
6. Insulation class - 220°C, UL-component-recognized insulation system with a maximum of 150°C rise above 40°C ambient temperature.
7. Taps for transformers 25 kVA and larger - two 2.5 percent taps above and four 2.5 percent taps below normal full capacity.
8. Wall brackets - manufacturer's standard brackets.
9. Low-sound-level-requirements - minimum of 3 dba less than NEMA ST-20 standard sound levels when factory tested according to IEEE C57.12.91

N. GUARANTEE

- 1. Guarantee all material furnished and all workmanship performed for a period of one year from date of final acceptance of work.

O. SHOP DRAWINGS AND APPROVALS

- 2. The items specified herein and on drawings are used as a standard of quality.
3. The contractor shall submit shop drawings on the following items:
3.1. Lighting fixture cuts and performance data.
3.2. Outline drawings and data sheets of each panelboard and switchboard.
3.3. Outline drawings of all switchgear.

P. RECORD AND AS-BUILT DRAWINGS

- 1. The Electrical Contractor shall maintain a set of drawings at the job site for the exclusive purpose of maintaining a record of all work installed and to show any deviations from the work indicated on the drawings.

Q. HOUSEKEEPING PADS

- 1. Provide a minimum of 3" high housekeeping pad above finished floor/ finished grade for all floor-mounted switchgear, switchboards, distribution boards, transformers, motor control centers, etc.
2. Unless otherwise noted above, provide a minimum of 1-1/2" high housekeeping pad above finished floor/finished grade for all interior floor-mounted switchgear, distribution boards, transformers, motor control centers, transfer switches, etc.
3. Provide a 1-1/2" high housekeeping pad above finished floor/finished grade for service equipment.
4. All housekeeping pads located in, on, or attached to a building shall be seismically braced/connected to the building structure.

R. EQUIPMENT CONNECTIONS

- 1. Provide flexible connections to all HVAC equipment, water heater, etc any equipment over 20 lb and/or mounted above finished floor.
2. Coordinate electrical requirements for all plumbing and mechanical equipment with final Contractor selection.
3. Where motors are installed in suspended ceilings, contractor shall provide disconnect switch in suspended ceiling within reach from access point.
4. Sizing of motor-related electrical components, including feeder and/ or branch circuits (wire and conduit) and overcurrent protection (breaker and/ or fuses) is based on ratings indicated in the contract documents as well as NEC approximated loads for a given motor horsepower, voltage and phase.

T. FIRE SYSTEM

- 1. Contractor shall engage the services for a state licensed fire alarm manufacturer/installer to prepare all design drawings and calculations required for system approval by the authority having jurisdiction.
2. Fire alarm device wiring shall be minimum #14 AWG copper or per system manufacturer requirements.
3. Upon completion of the installation of life safety system wiring and devices, a performance test of the entire life safety shall be performed to the satisfaction of the authority having jurisdiction.

U. LOW VOLTAGE SYSTEMS

- 1. Music, television, video mounting systems are not shown on these drawings and are provided by Contractor through architects schedules/details.

V. IDENTIFICATION OR EQUIPMENT LABELING

- 1. Nameplates shall be provided for switchgear, switchboards, distribution boards, distributions panels, panel boards, motor control centers, transformers, transfer switches, contactors, starters, disconnect switches, enclosed circuit breakers/switches, Inverters, UPS's, PDU's, RDC's, SPD's, lighting control panels, dimming panels, door releasing system panels, fire alarm/central monitoring terminal cabinets/power supplies/control panels, and all low voltage system terminal and control cabinets.
1.1. Nameplate inscriptions shall be identical to the equipment designations indicated in plans and specifications.
1.2. All circuit breakers/fuses in switchgear, switchboards, distribution boards, distribution panels, UPS output circuit breakers, PDU sub-feed

circuit breakers and motor control centers shall have individual nameplates located immediately adjacent to the respective device. Nameplate inscription shall identify the downstream equipment or device served by the circuit breaker or fuse.

- 2. Identification nameplates, unless otherwise noted (UON), shall be laminated/extruded modified acrylic or melamine plastic labels that is 3/32" thick, UV-stabilized, matte finish, suitable for use in 180°F ambient, with beveled edges and engraved white letters 3/8" high, minimum, on 1-1/2" high black background for single line of text.
3. Identification nameplates for new switchgear, switchboards, distribution boards, distribution panels, panel boards and motor control centers shall be attached with switchgear manufacturer-provided screws with switchgear manufacturer factory pre-drilled holes.
4. Identification nameplates for transformers, transfer switches, disconnect switches, enclosed circuit breakers/switches, inverters, UPS's, PDU's, RDC's, SPD's, lighting control panels, dimming panels, door-releasing system panels, terminal cabinets and all circuit breakers/fuses in switchgear, switchboards, distribution boards, distribution panels, UPS output circuit breakers, PDU's, PDU sub-feed circuit breakers, and motor control centers shall be attached to the equipment by self-adhesive backing integral to the nameplates.
5. Warning Placards, as required by General Single Line Diagram Notes for multiple power sources, or instruction placards, as required for all kirk-key interlock schemes, all UPS bypass procedures or as required elsewhere in the plans/specifications shall be engraved 1/2" high with white lettering on red background using the same material specified for identification nameplates with a self-adhesive backing.

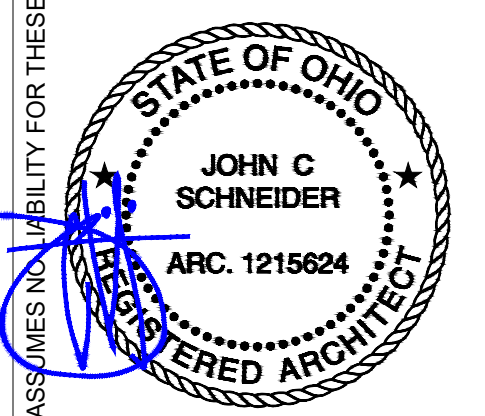
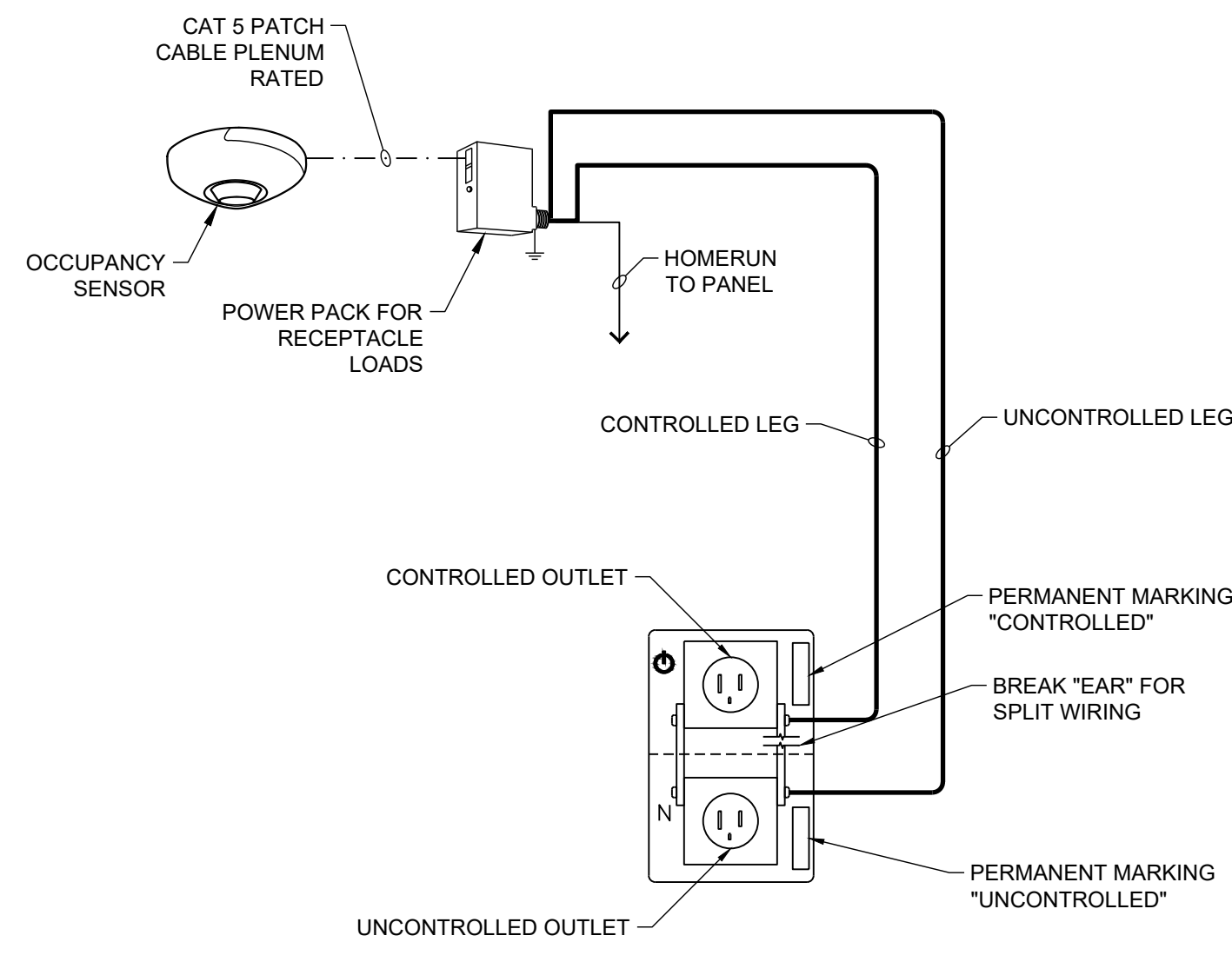


Table with 3 columns: No., DATE, DESCRIPTION. Title: REVISIONS

Aaron's logo and address: 400 GALLERIA PARKWAY, SUITE 300 ATLANTA, GA 30339. PHONE NUMBER: (678) 402-3000

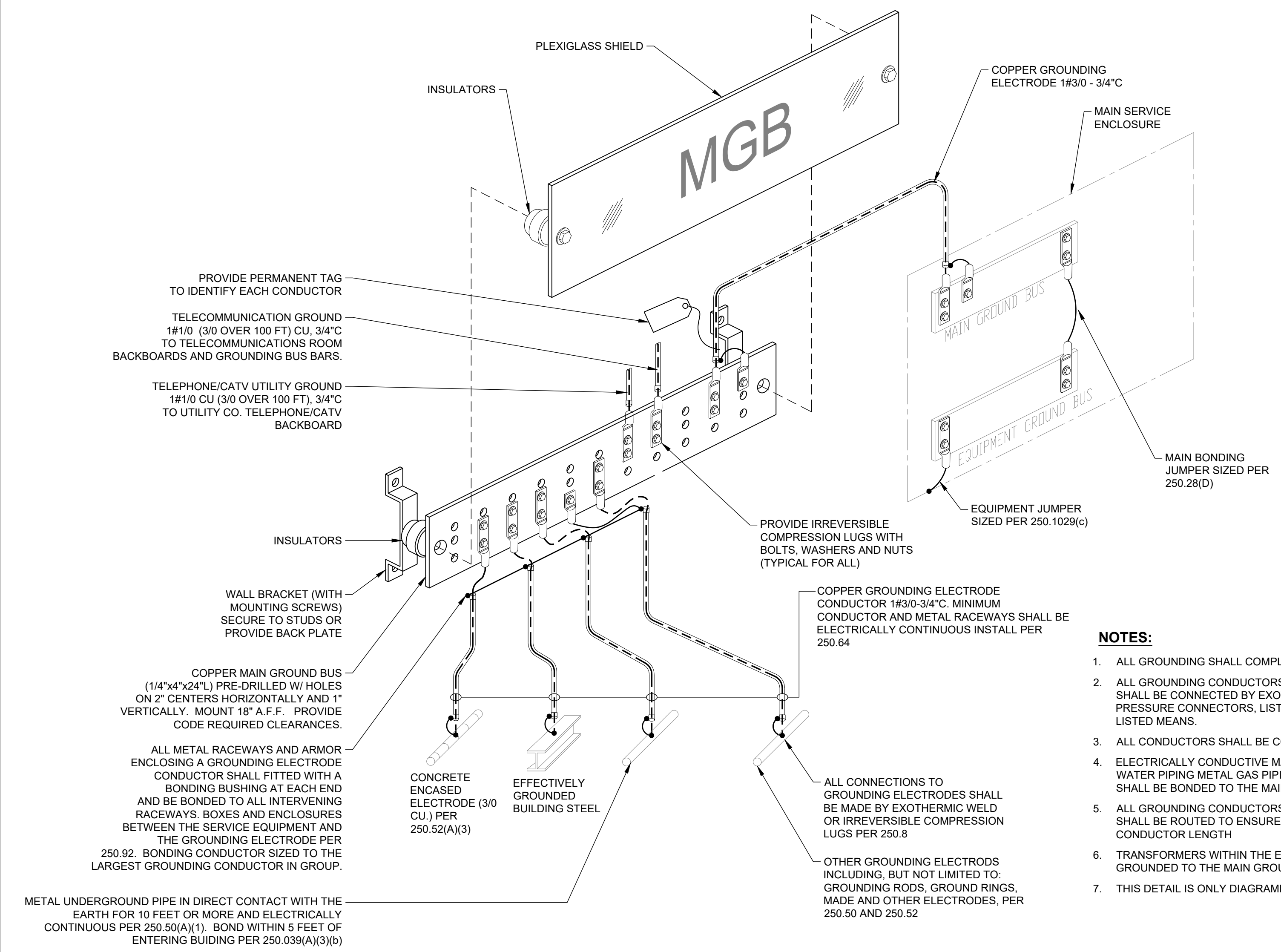
PROJECT NAME: AARON'S C0573 / C0618
29850 - 29900 LAKESHORE BLVD WILLOWICK, OH 44095
ELECTRICAL SPECIFICATIONS
E002

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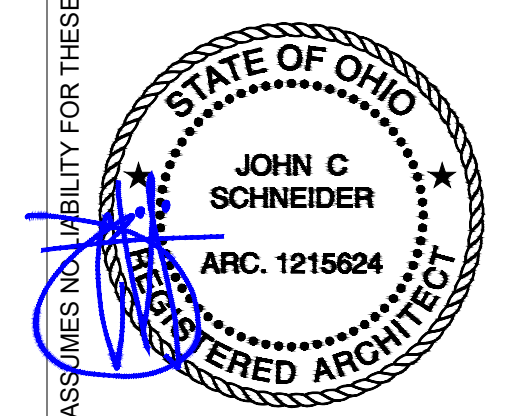
- NOTES:**
1. ELECTRICAL CONTRACTOR SHALL PROVIDE DUPLEX RECEPTACLE WITH EARS BROKEN TO CONTROL UPPER OUTLET VIA OCCUPANCY SENSOR AS REQUIRED BY CA TITLE 24 2019 SECTION 130.5.
 2. CONTROLLED RECEPTACLE OUTLETS SHALL BE PROVIDED IN EACH PRIVATE OFFICE, OPEN OFFICE AREA, RECEPTION LOBBY, CONFERENCE ROOM, KITCHENETTE, IN OFFICE SPACES, AND COPY ROOMS AS REQUIRED BY CA TITLE 24 2019 SECTION 130.5. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL WIRING AND ACCESSORIES FOR COMPLETE INSTALLATION TO COMPLY WITH THIS REQUIREMENT.
 3. CONTROLLED RECEPTACLES SHALL BE PROVIDED WITH PERMANENT MARKING TO DIFFERENTIATE THEM FROM UNCONTROLLED RECEPTACLES.
 4. POWER PACK AND SENSOR BY SENSOR SWITCH, OR ACCEPTABLE EQUAL.

1 CONTROLLED RECEPTACLE WIRING DETAIL
SCALE: NONE



- NOTES:**
1. ALL GROUNDING SHALL COMPLY WITH ARTICLE 250.
 2. ALL GROUNDING CONDUCTORS AND BONDING JUMPERS SHALL BE CONNECTED BY EXOTHERMIC WELDING, LISTED PRESSURE CONNECTORS, LISTED CLAMPS, OR OTHER LISTED MEANS.
 3. ALL CONDUCTORS SHALL BE COPPER
 4. ELECTRICALLY CONDUCTIVE MATERIALS SUCH AS METAL WATER PIPING METAL GAS PIPING AND STRUCTURAL STEEL SHALL BE BONDED TO THE MAIN GROUND BUS.
 5. ALL GROUNDING CONDUCTORS AND BONDING JUMPERS SHALL BE ROUTED TO ENSURE SHORTEST POSSIBLE CONDUCTOR LENGTH
 6. TRANSFORMERS WITHIN THE ELECTRICAL ROOM SHALL BE GROUNDED TO THE MAIN GROUND BUS
 7. THIS DETAIL IS ONLY DIAGRAMMATIC

2 MAIN SERVICE SYSTEM GROUNDING DETAIL
SCALE: NONE



REVISIONS		
No.	DATE	DESCRIPTION

Aaron's
400 GALLERIA PARKWAY, SUITE 300
ATLANTA, GA 30339
PHONE NUMBER: (678) 402-3000

PROJECT NAME: **AARON'S C0573 / C0618**
29850 - 29900 LAKESHORE BLVD
WILLOWICK, OH 44095

SHEET NAME: **ELECTRICAL DETAILS**

DRAWN	MH	CHECKED	TP
DATE		03/07/23	
SCALE		AS NOTED	
PROJECT NUMBER			
SHEET			

E003

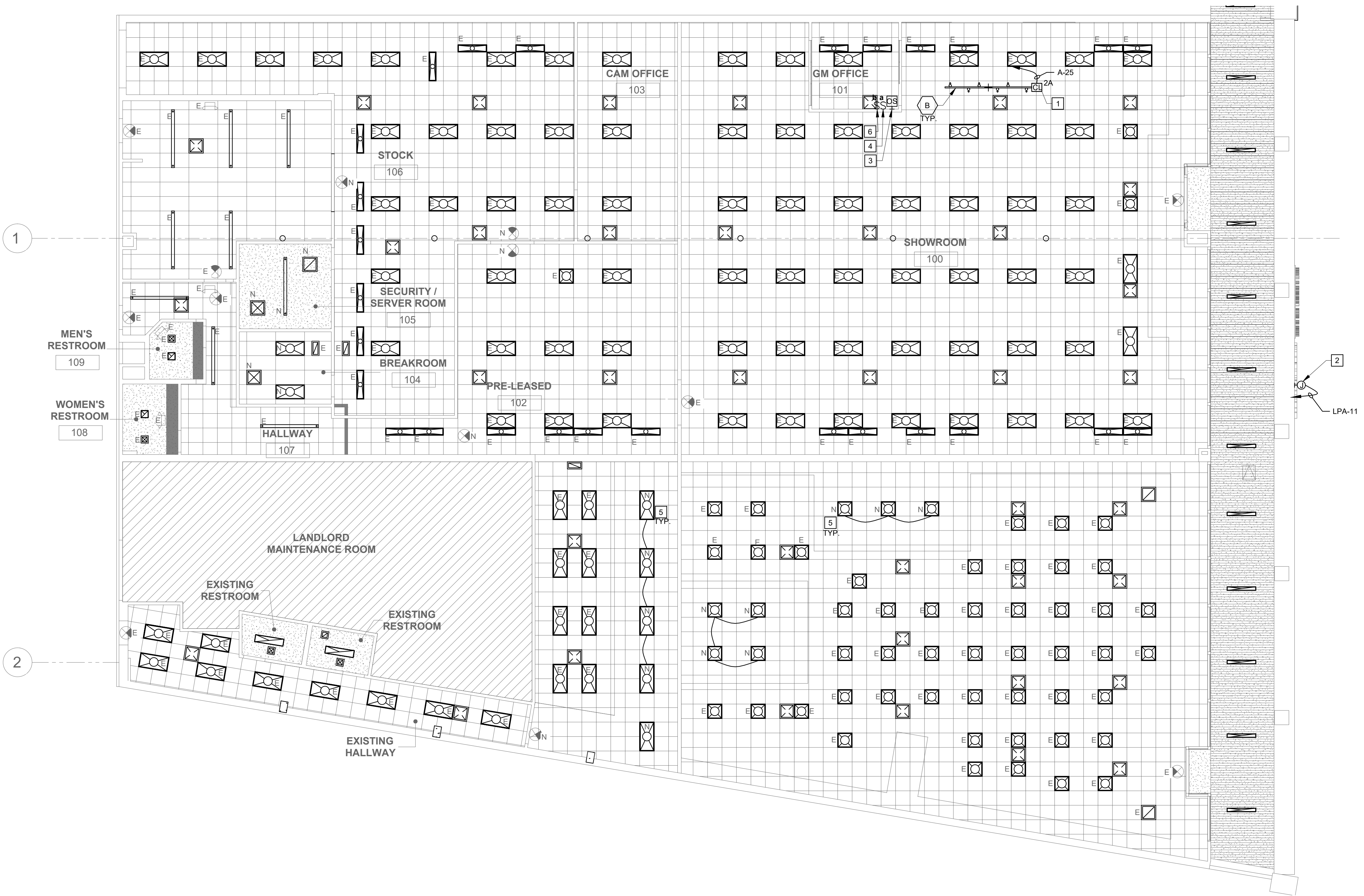
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LUMINAIRE SCHEDULE						
TAG	MANUFACTURER & MODEL NO.	LAMP	VA SYSTEMS WATTS	VOLTS	GENERAL DESCRIPTION	NOTES
B	CONTECH 838/2-P + LA38P 7LED16.5PAR38/HD/DIM/927/ NFL25	LED	16.5	120	LED TRACK HEAD WITH T4WH TRACK	

NOTES

- COORDINATE LIGHT FIXTURE LOCATION AND MOUNTING WITH OTHER EQUIPMENT AND ARCHITECTURAL ELEVATIONS.
- INSTALL ALL WALL AND SURFACE MOUNTED EXIT SIGN FIXTURES AT THE LOCATION INDICATED AND PROVIDE FACES AND ARROWS AS INDICATED.
- SUPPORT LAY-IN TYPE LIGHT FIXTURES INDEPENDENT OF GRID.
- CONTRACTOR SHALL PROVIDE ALL LAMPS, ACCESSORIES AND MOUNTING HARDWARE AS REQUIRED.
- CONTRACTOR SHALL VERIFY EXACT FIXTURE LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLANS.
- CONTRACTOR SHALL VERIFY CEILING TYPES AND PROVIDE TRIMS AND ACCESSORIES AS REQUIRED.
- PROVIDE LIGHT FIXTURES BY MANUFACTURER SPECIFIED OR APPROVED EQUAL. SUBSTITUTED FIXTURES WILL REQUIRE PHOTOMETRIC CALCULATIONS AND MUST PERFORM EQUAL TO OR BETTER THAN LIGHT FIXTURE SPECIFIED. ENGINEER TO MAKE FINAL DETERMINATION.

LIGHT FIXTURES THAT ARE EXISTING TO REMAIN WILL BE RETROFITTED WITH LED BY STRATUS.




LIGHTING GENERAL NOTES

- THE FIXTURE SCHEDULE INDICATES GENERAL DESCRIPTION OF LIGHTING FIXTURES AND MANUFACTURERS CATALOG NUMBERS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE CORRECT CEILING CONFIGURATION AND PROVIDE THE FIXTURES WITH ALL NECESSARY TRIMS AND MOUNTING HARDWARE SO THAT BOTH THE CEILING SYSTEM AND THE FIXTURE CONSTRUCTION MATCHES.
- IT SHALL BE CONTRACTORS RESPONSIBILITY TO VERIFY EXACT LOCATION OF ALL LIGHTING FIXTURES AND TYPE OF CEILINGS WITH ARCHITECTURAL REFLECTED CEILING PLANS AND ELEVATIONS PRIOR TO ANY WORK.
- A JUNCTION BOX MUST BE PROVIDED WITH ALL EXIT LIGHTS CONNECTED TO MORE THAN ONE SET OF CONDUCTORS UNLESS THE EXIT LIGHT FIXTURE IS FURNISHED WITH AN APPROVED OUTLET BOX FOR THROUGH WIRING.
- IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO COORDINATE THE FINAL LOCATION OF LIGHTING FIXTURES IN MECHANICAL ELECTRICAL AND OTHER EQUIPMENT ROOMS WHERE CONDUITS, DUCT WORK, PIPING, ETC., ARE PRESENT TO AVOID CONFLICT AND ENABLE PROPER ILLUMINATION DISTRIBUTION.
- CONTRACTOR SHALL VERIFY FIXTURES MOUNTING HEIGHT WITH ARCHITECT PRIOR TO ROUGHING.
- * - REFER TO SURFACE MOUNTED FIXTURE.
- LUMINAIRE INDICATED AS EMERGENCY SHALL BE IDENTIFIED / PROVIDED AS FOLLOWS:

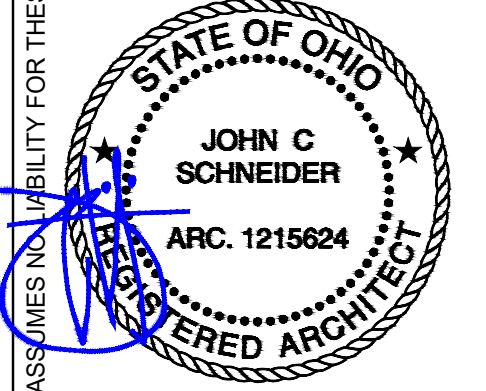
- INTEGRAL BATTERY PACK (EB):
 - 3a/3EB - FIXTURE CONNECTED TO CIRCUIT "3"; CONTROL SWITCH "a" - WITH THE BATTERY CHARGING LEAD CONNECTED TO A CONSTANT HOT CIRCUIT "3".
 - 3NL/3EB - FIXTURE CONNECTED TO A CONSTANT HOT CIRCUIT "#3". BATTERY CHARGING LEAD CONNECTED TO A CONSTANT HOT CIRCUIT "3".
- REMOTE BACK-UP SOURCE (EM)
 - 3a/3EM - ROUTED THROUGH A U.L. LISTED TRANSFER RELAY (LC & D # GR - 2001E/S) FOR SWITCHED CONTROL OR A U.L. LISTED TRANSFER SWITCH (BODINE #GTD SERIES DEVICE) FOR DIMMING CONTROLS - CONNECTED TO A CONSTANT HOT EMERGENCY CIRCUIT "3".
 - 3NL/3EM - FIXTURE CONNECTED TO A CONSTANT HOT EMERGENCY CIRCUIT "3".

REFERENCE NOTES

- PROVIDE J-BOX AND CURRENT LIMITER PER CALLOUT AS SHOWN. VERIFY COMPATIBILITY OF CURRENT LIMITER WITH TRACK SECTION.
- PROVIDE WEATHERPROOF CONNECT TO SIGNAGE PER MANUFACTURER'S EQUIPMENTS. CONFIRM THAT NEW SIGN IS PROVIDED WITH INTEGRAL DISCONNECT SWITCH, IF NONE IS PROVIDED, ELECTRICAL CONTRACTOR SHALL PROVIDE WEATHERPROOF DISCONNECT AS REQUIRED. ROUTE SIGN CIRCUIT THROUGH NEW TIMELOCK AND CONTACTOR. COORDINATE SCHEDULE WITH OWNER. E.C. TO PROVIDE PHOTOCELL FOR ADDITIONAL SIGN CONTROL. COORDINATE LOCATION IN FIELD AND WITH MANUFACTURER.
- E.C. TO CONNECT FOR CONTROL OF GM OFFICE LIGHTS.
- E.C. TO CONNECT FOR CONTROL OF PRE-LEASED AND SHOWROOM TRACK LIGHTS.
- NEW FIXTURES TO BE CONNECTED TO EXISTING CIRCUITRY IN AREA AND CONNECTED TO NEW CONTROLS IN GM OFFICE.
- E.C. TO CONNECT FOR CONTROL OF PRE-LEASED AND SHOWROOM LIGHTS.

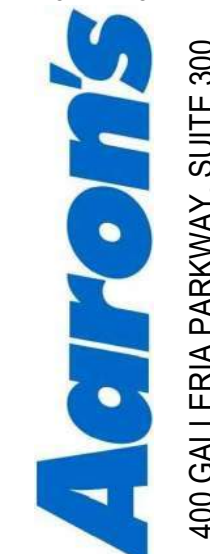


Kinetic Design
29833 Santa Margarita Pkwy, Suite 300
Rancho Santa Margarita, CA 92688
Main: 951.710.6334 Web: kineticdesign.build
Email: info@kineticdesign.build



REVISIONS		
No.	DATE	DESCRIPTION

CLIENT INFORMATION



Aaron's
400 GALLERIA PARKWAY, SUITE 300
ATLANTA, GA 30339
PHONE NUMBER: (678) 402-3000

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AARON'S C0573 / C0618

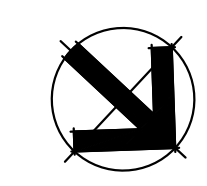
29850 - 29900 LAKESHORE BLVD
WILLOWICK, OH 44095

SHEET NAME
LIGHTING PLAN

DRAWN	CHECKED
DATE	03/07/23
SCALE	AS NOTED
PROJECT NUMBER	
SHEET	

E201

1 LIGHTING PLAN
SCALE: 1/8" = 1'-0"



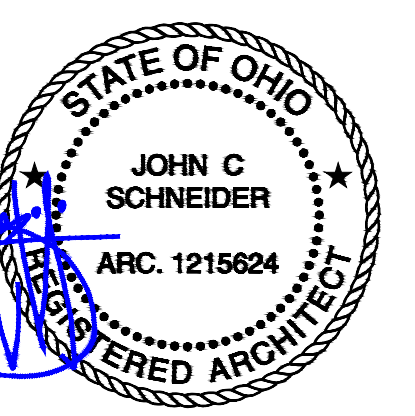
POWER PLAN GENERAL NOTES

- ALL RECEPTACLES ON COMMON WALLS SHALL BE SEPARATE BOXES AND OFFSET 24" MINIMUM.
- MULTI-WIRED (SHARED NEUTRAL) BRANCH CIRCUITS SHALL NOT BE INSTALLED. ALL 120 & 277 VOLT BRANCH CIRCUITS SHALL HAVE A DEDICATED INDIVIDUAL NEUTRAL CONDUCTOR.
- PROVIDE G.F.C.I. TYPE RECEPTACLE(S) OR RECEPTACLE(S) PROTECTED BY GFCI CIRCUIT BREAKER(S) WHEN LOCATED WITHIN 6 FEET OF ANY SINK OR THERAPEUTIC TUB, SERVING ANY DRINKING FOUNTAIN OR VENDING MACHINE, WITHIN ANY KITCHEN SPACE AND/OR LOCATED OUTDOORS. WHERE RECEPTACLES ARE NOT READILY ACCESSIBLE, PROVIDE GFCI CIRCUIT BREAKER(S) TO PROTECT THE RESPECTIVE BRANCH CIRCUIT AND PROVIDE ADDITIONAL NEUTRAL CONDUCTORS IN THE BRANCH CIRCUITING AS REQUIRED TO ENSURE PROPER GFCI FUNCTION.
- ALL 15- AND 20- AMPERE, 125- AND 250-VOLT NONLOCKING TYPE RECEPTACLES THROUGHOUT BUILDING SHALL BE LISTED TAMPER-RESISTANT RECEPTACLES. NO EXCEPTIONS.
- ALL RECEPTACLES IDENTIFIED AS WEATHERPROOF ON THE DRAWINGS SHALL BE WEATHER-RESISTANT, TAMPER-RESISTANT, GFCI TYPE AND EQUIPPED WITH ENCLOSURE THAT IS WEATHERPROOF (WP) WHETHER OR NOT THE ATTACHMENT PLUG CAP IS INSERTED (WHILE "IN-USE"). AN OUTLET BOX HOOD SHALL BE LISTED AND SHALL BE IDENTIFIED AS "EXTRA DUTY".

E.C. TO VERIFY EXACT LOCATION OF PANELBOARDS.

REFERENCE NOTES

- 6" BELOW CEILING FOR CCTV.
- (E) EXISTING ELECTRICAL OUTLET TO REMAIN.
- RECEPTACLE FOR DOOR CHIME. COORDINATE WITH OWNER FOR EXACT LOCATION.
- DOOR BUZZER ON EXTERIOR OF BUILDING. COORDINATE WITH OWNER FOR EXACT LOCATION.
- PROVIDE ROOF TOP UNIT RECEPTACLE FOR SCENT MACHINE. VERIFY EXACT LOCATION IN FIELD PRIOR TO COMMENCEMENT OF WORK.



REVISIONS		
No.	DATE	DESCRIPTION

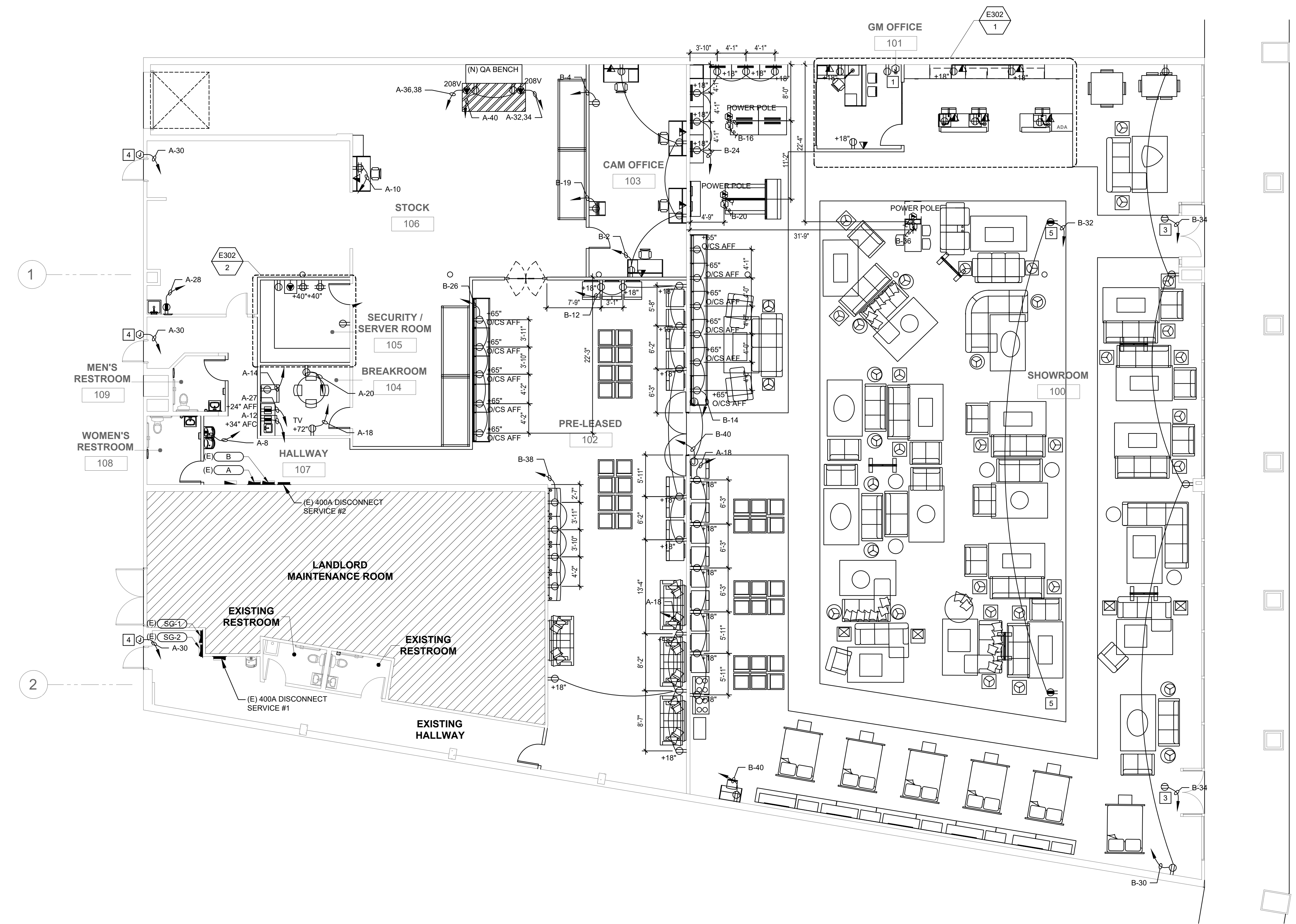
CLIENT INFORMATION
Aaron's
 400 GALLERIA PARKWAY, SUITE 300
 ATLANTA, GA 30339
 PHONE NUMBER: (678) 402-3000

PROJECT NAME
AARON'S C0573 / C0618
 29850 - 29900 LAKESHORE BLVD
 WILLOWICK, OH 44095

SHEET NAME
POWER PLAN

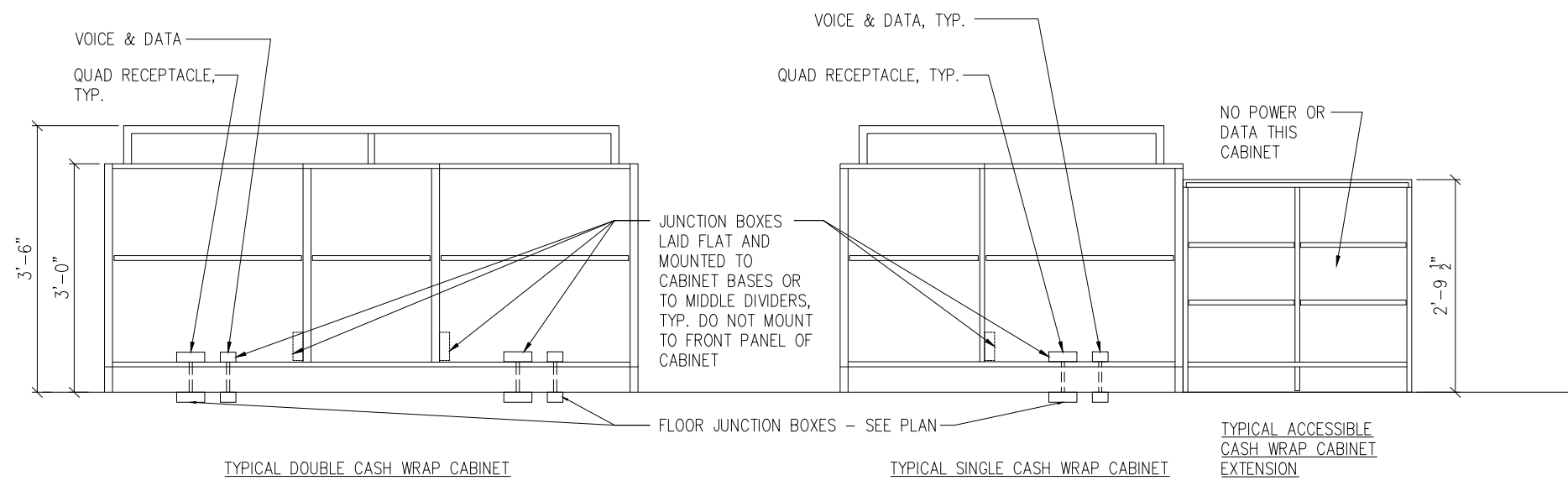
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DATE			03/07/23
SCALE			AS NOTED
PROJECT NUMBER			
SHEET			

E301



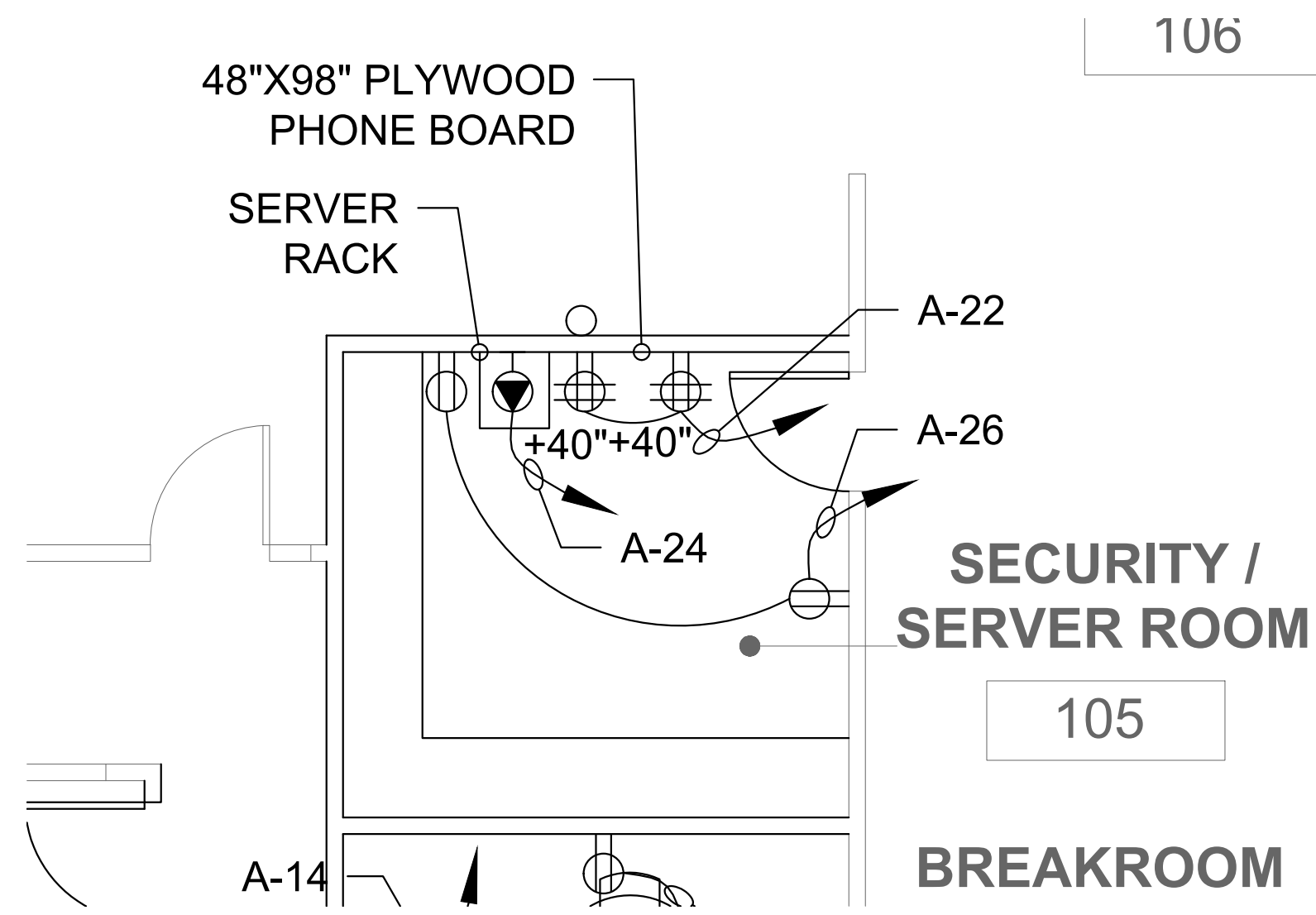
1 POWER PLAN
 SCALE: 1/8" = 1'-0"

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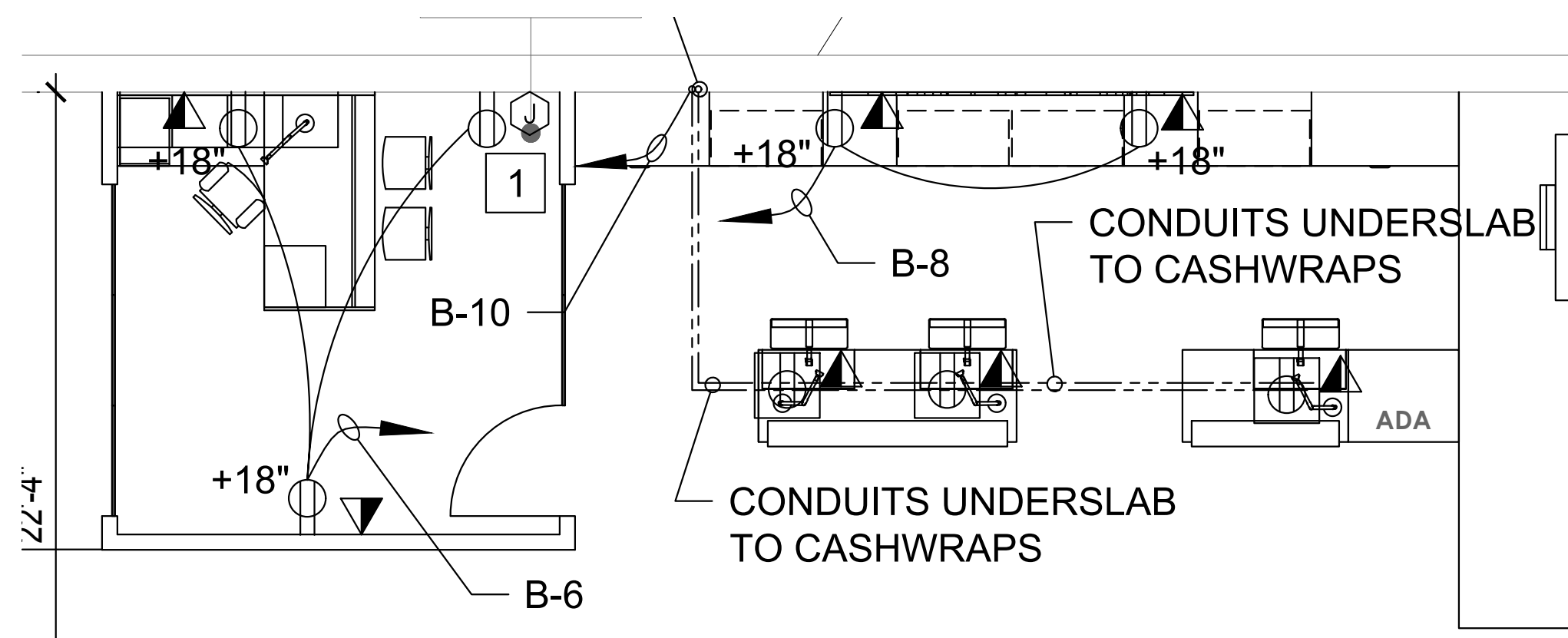


- NOTE:
1. ALL DATA DROPS IN COUNTERS, OFFICES, AND DEMARC SHALL TERMINATE AT THE PATCH PANEL ON TELCO BOARD.
 2. SERVER IS PLACED IN SERVER ROOM - SEE PLAN FOR LOCATION

3 ENLARGED SERVER POWER PLAN
SCALE: 1/8" = 1'-0"



2 ENLARGED SERVER POWER PLAN
SCALE: 1/8" = 1'-0"



1 ENLARGED BACKWRAP/CASHWRAP/OFFICE POWER PLAN
SCALE: 1/8" = 1'-0"

VOICE AND DATA CABLING NOTES FOR LOW VOLTAGE VENDOR

- VOICE AND DATA CABLES
- | | | |
|--|----------------|-----------------------------------|
| 1. CAM/GM OFFICE | 6-VOICE | 6-DATA |
| 2. CLOSING OFFICE | 2-VOICE | 2-DATA |
| 3. CASH ROOM | 1-VOICE | 1-DATA |
| 4. NOOK (BEHIND CASHWRAP) | 1-FAX | 1-DATA |
| 5. CASHWRAP | 3-VOICE | 5-DATA1-FAX 1-MODEM 2-CREDIT CARD |
| 6. QA BENCH | 1-VOICE | 1-DATA |
| 7. BACK DOOR | 1-VOICE | |
| 8. BREAK ROOM | 1-VOICE | 1-DATA |
| 9. SHOW ROOM (SEE KEYED NOTE 16) | | 1-DATA |
| 10. SECURITY BOARD (CORPORATE STORES ONLY) | 1-DATA (ALARM) | 1-DATA (CAMERA) |

- NOTES:
- A. ALL DATA TERMINATES AT DEMARC BOARD (PHONE BOARD) ON 568B PATCH PANEL.
 - B. ALL VOICE TERMINATES AT DEMARC BOARD (PHONE BOARD) ON 66 BLOCKS.
 - C. ALL DATA @ EACH LOCATION TERMINATES ON 568B RJ45 JACKS. NO CRIP RJ45 PLUGS.
 - D. INSTALL 8"W X 2"L SHELF INSTALLED @ BOTTOM OF DEMARC BOARD.
 - E. ALL JACKS MUST HAVE MATCHING NUMBERS W/ PATCH PANEL.
 - F. USE ONE COLOR JACK FOR RJ11 VOICE AND ONE COLOR FOR RJ45 DATA.
 - G. CORPORATE STORES ONLY: SECURITY BOARD ALARM CABLE RJ31X TO LINE 4 AT DEMARC BOARD RETURN TO PORT 4 IN KSU.
 - H. CORPORATE STORES ONLY: SECURITY BOARD CAMERA RJ45 JACK TO DEMARC BOARD RJ45 JACK.

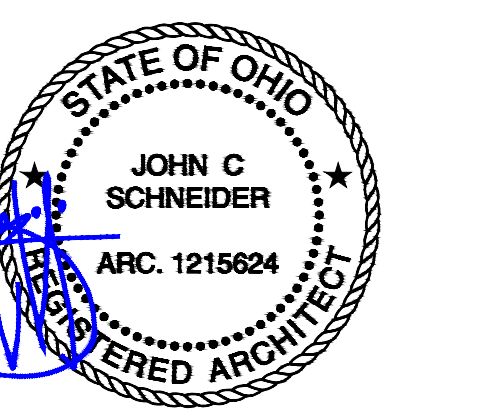
POWER PLAN GENERAL NOTES

1. ALL RECEPTACLES ON COMMON WALLS SHALL BE SEPARATE BOXES AND OFFSET 24" MINIMUM.
2. MULTI-WIRED (SHARED NEUTRAL) BRANCH CIRCUITS SHALL NOT BE INSTALLED. ALL 120 & 277 VOLT BRANCH CIRCUITS SHALL HAVE A DEDICATED INDIVIDUAL NEUTRAL CONDUCTOR.
3. PROVIDE G.F.C.I. TYPE RECEPTACLE(S) OR RECEPTACLE(S) PROTECTED BY GFCI CIRCUIT BREAKER(S) WHEN LOCATED WITHIN 6 FEET OF ANY SINK OR THERAPEUTIC TUB, SERVING ANY DRINKING FOUNTAIN OR VENDING MACHINE, WITHIN ANY KITCHEN SPACE AND/OR LOCATED OUTDOORS. WHERE RECEPTACLES ARE NOT READILY ACCESSIBLE, PROVIDE GFCI CIRCUIT BREAKER(S) TO PROTECT THE RESPECTIVE BRANCH CIRCUIT AND PROVIDE ADDITIONAL NEUTRAL CONDUCTORS IN THE BRANCH CIRCUITING AS REQUIRED TO ENSURE PROPER GFCI FUNCTION.
4. ALL 15- AND 20- AMPERE, 125- AND 250-VOLT NONLOCKING TYPE RECEPTACLES THROUGHOUT BUILDING SHALL BE LISTED TAMPER-RESISTANT RECEPTACLES. NO EXCEPTIONS.
5. ALL RECEPTACLES IDENTIFIED AS WEATHERPROOF ON THE DRAWINGS SHALL BE WEATHER-RESISTANT, TAMPER-RESISTANT, GFCI TYPE AND EQUIPPED WITH ENCLOSURE THAT IS WEATHERPROOF (WP) WHETHER OR NOT THE ATTACHMENT PLUG CAP IS INSERTED (WHILE "IN-USE"). AN OUTLET BOX HOOD SHALL BE LISTED AND SHALL BE IDENTIFIED AS "EXTRA DUTY".

E.C. TO VERIFY EXACT LOCATION OF PANELBOARDS.

REFERENCE NOTES

- 1 (D) DEMOLISH OUTLET.



REVISIONS		
No.	DATE	DESCRIPTION

CLIENT INFORMATION

Aaron's
400 GALLERIA PARKWAY, SUITE 300
ATLANTA, GA 30339
PHONE NUMBER: (678) 402-3000

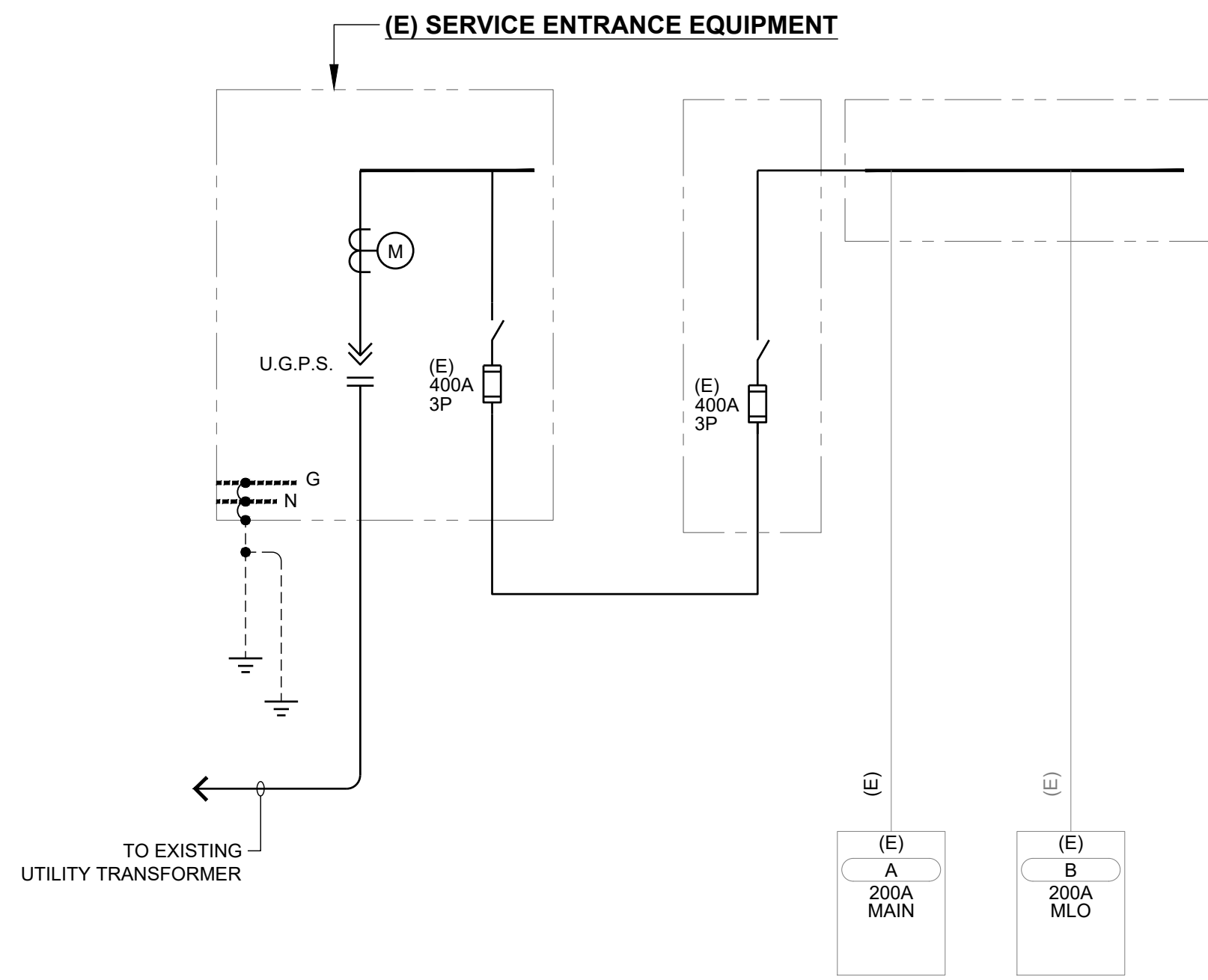
PROJECT NAME
AARON'S C0573 / C0618
29850 - 29900 LAKESHORE BLVD
WILLOWICK, OH 44095

SHEET NAME
ENLARGED PLANS AND DETAILS

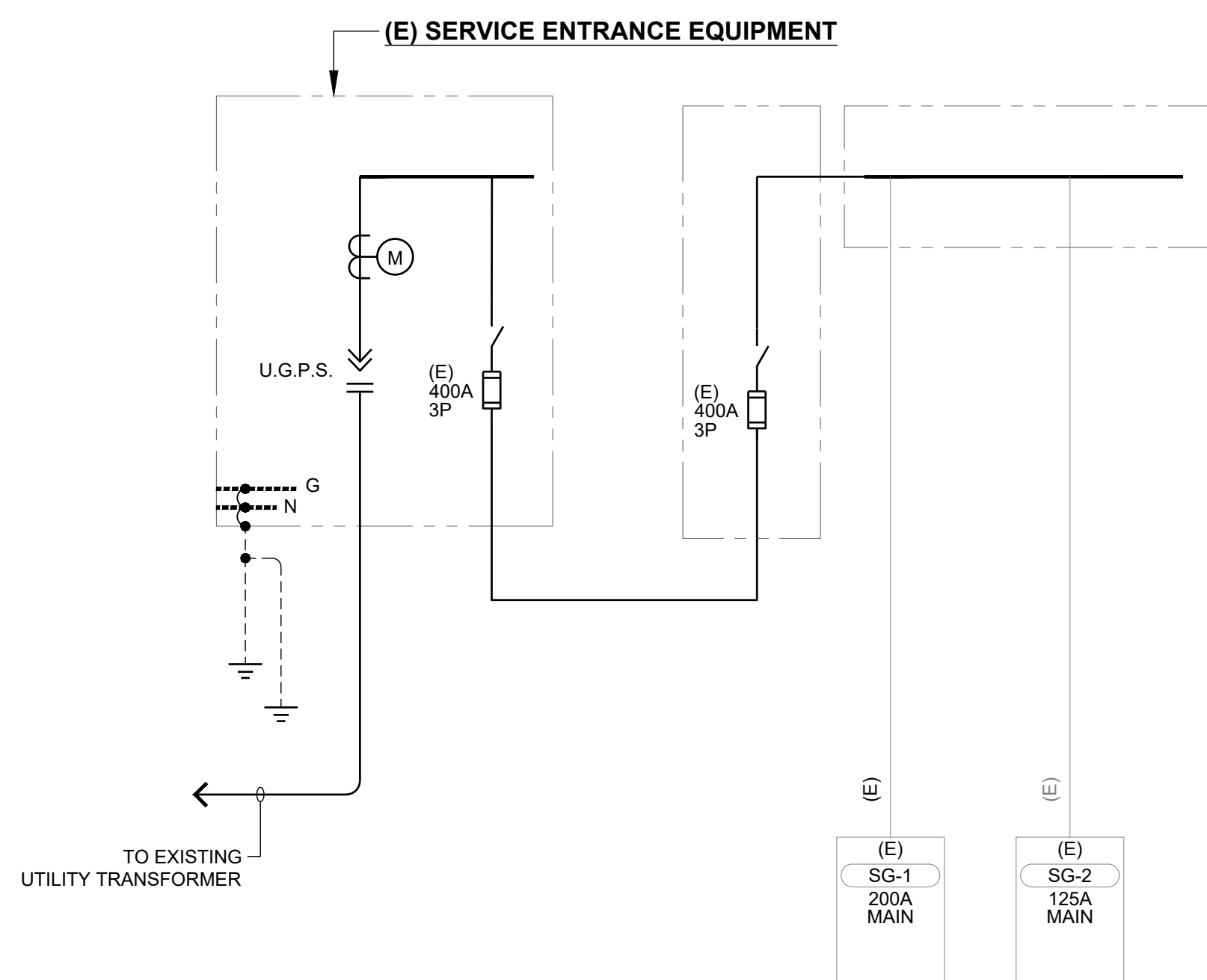
DRAWN	JB	CHECKED	WR
DATE			03/07/23
SCALE			AS NOTED
PROJECT NUMBER			
SHEET			

E302

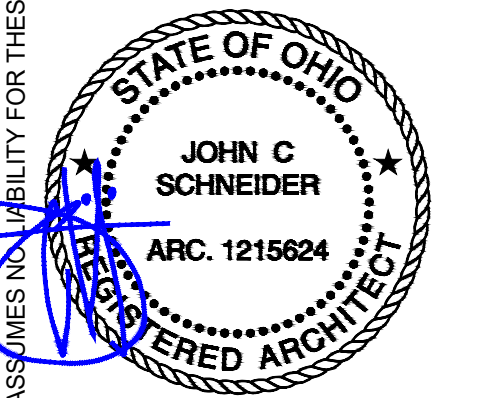
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2 SINGLE LINE DIAGRAM
SCALE: NONE



1 SINGLE LINE DIAGRAM
SCALE: NONE



REVISIONS		
No.	DATE	DESCRIPTION

CLIENT INFORMATION

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ATLANTA, GA 30339
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PROJECT NAME
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29850 - 29900 LAKESHORE BLVD
WILLOWICK, OH 44095

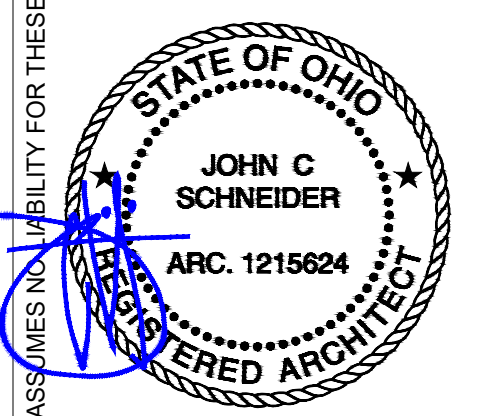
SHEET NAME
SINGLE LINE DIAGRAM

DRAWN	JB	CHECKED	WR
DATE			03/07/23
SCALE			AS NOTED
PROJECT NUMBER			
SHEET			

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MFR:		PANEL: "A"										*PANEL IS EXISTING				
MOUNTING: SURFACE		DOUBLE LUG: NO		VOLTS: 208Y/120V		PROVISIONS FOR SUB-METER: NO				MAIN: 200A						
NEMA 3R: NO		200%: NO		PHASES: 3		DISAGGREGATION TYPE: NO				BUS: 225A						
FEED THRU: NO		IG BUS: NO		WIRE: 4						A.I.C.: EXISTING						
NOTED	LOADS	DESCRIPTION	TRIP AMPS	POLES	A	B	C	A	B	C	POLES	TRIP AMPS	DESCRIPTION	LOADS	NOTED	
	M 1	(E) RTU-1	100A	3	9840							1	20A	(E) T LIGHTS BATHRM	2	
	M 3	----	--	--		9840							4	L	4	
	M 5	----	--	--			9840					1	20A	(E) H LIGHTS	6	
	M 7	----	--	--				9840				1	20A	(E) EWC	8	
	M 9	----	--	--					540			1	20A	RCPT - CLOSING MGR	10	
	L 11	(E) BATT/EXIT	20A	1						360		1	20A	BREAK ROOM COUNTER	12	
	L 13	(E) A LIGHTS	20A	1					800			1	20A	BREAK ROOM FRIDGE	14	
	L 15	(E) A LIGHTS	20A	1								1	20A	(E) NIGHT LIGHT	16	
	L 17	(E) A LIGHTS	20A	1							180	1	20A	RCPT - BREAK ROOM TV	18	
	L 19	(E) A LIGHTS	20A	1					180			1	20A	RCPT - BREAK ROOM	20	
	L 21	(E) A LIGHTS	20A	1					840			1	20A	RCPT - PHONE BOARD	22	
	L 23	(E) A LIGHTS	20A	1						840		1	20A	SERVER RACK	24	
	L 25	SALES TRAK LIGHTING	20A	1	240				360			1	20A	RCPT - SECURITY	26	
	27 SPAQE									180		1	20A	RCPT - MOP SINK	28	
	29 SPAQE										180	1	20A	DOOR BUZZER	30	
	31 SPAQE								1800			20A	QA BENCH	32		
	33 SPAQE									1800		20A	----	34		
	35 SPAQE										1800	20A	QA BENCH	36		
	37 SPAQE								1800			20A	----	38		
	39 SPAQE									360		1	20A	QA BENCH	40	
	41 SPAQE											1	20A	(E) FIRE ALARM PANEL	42	
		TOTAL LOAD DEMAND:		17620		15543		15228				86%		PERCENT BALANCE		
		TOTAL DEMAND AMPS:		147 A		129 A		127 A								
LOAD CLASSIFICATION		CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL LOADS											
CONTINUOUS LOAD = C		0	125%	0	TOTAL CONN. LOAD (VA):		41980									
KITCHEN EQUIPMENT LOAD = K		0	100%	0	TOTAL EST. DEMAND (VA):		48390									
LIGHTING LOAD = L		240	125%	300	TOTAL CONN. (AMPS):		116									
MOTOR LOAD = M		29520	100%	36900	TOTAL EST. DEMAND (AMPS):		134									
NON-CONTINUOUS LOAD = N		180	100%	180	TOTAL CONN. (AMPS):		134									
PANEL LOAD = P		0	100%	0	TOTAL EST. DEMAND (AMPS):		134									
RECEPTACLE LOAD = R		12020	92%	11010	TOTAL CONN. (AMPS):		134									
PANEL SCHEDULE NOTES:																
(1) PROVIDE LOCK-ON DEVICE.		(5) PROVIDE "HACR" TYPE CIRCUIT BREAKER FOR HVAC EQUIPMENT.														
(2) PROVIDE LOCK-OFF DEVICE.																
(3) PROVIDE GFCI TYPE DEVICE.																
(4) PROVIDE A NEW BREAKER AT SAME TYPE AND AC RATING IN PANEL.																

MFR:		PANEL: "B"										*PANEL IS EXISTING				
MOUNTING: SURFACE		DOUBLE LUG: NO		VOLTS: 208Y/120V		PROVISIONS FOR SUB-METER: NO				MAIN: 200A						
NEMA 3R: NO		200%: NO		PHASES: 3		DISAGGREGATION TYPE: NO				BUS: 225A						
FEED THRU: NO		IG BUS: NO		WIRE: 4						A.I.C.: EXISTING						
NOTED	LOADS	DESCRIPTION	TRIP AMPS	POLES	A	B	C	A	B	C	POLES	TRIP AMPS	DESCRIPTION	LOADS	NOTED	
	M 1	(E) RTU-2	70A	3	5304			360				1	20A	RCPT - CAM OFFICE DESK	2	
	M 3	----	--	--		5304			720			1	20A	RCPT - CAM OFFICE GENERAL	4	
	M 5	----	--	--			5304			540		1	20A	RCPT - GM OFFICE	6	
	M 7	----	--	--					360			1	20A	RCPT - PRINTERS	8	
	M 9	----	--	--						1200		1	20A	RCPT - CASH WRAP	10	
	M 11	----	--	--							1200	1	20A	RCPT - REFRIGER	12	
	L 13	(E) EXT SIGN	20A	1	340			1600				1	20A	RCPT - TV DISPLAY	14	
	L 15	(E) EXT SIGN	20A	1		180			1800			1	20A	RCPT - COMPUTER BUNKER	16	
	R 17	(E) ROOF REC	20A	1			180					1	20A	(E) WTR HEATER	18	
	M 19	----	--	--								1	20A	(E) SENSOR MTRIC	20	
	M 21	----	--	--						180		1	20A	RCPT - POWER POLE	22	
	M 23	----	--	--							1800	1	20A	RCPT - COMPUTER WALL	24	
	M 25	----	--	--						1800		1	20A	RCPT - PRE-LEASE TV	26	
	R 27	(E) PNL OUTLET	20A	1		180				1200		1	20A	RCPT - PRE-LEASE COUCH	28	
	M 29	----	--	--							1200	1	20A	RCPT - SALES AREA	30	
	M 31	----	--	--								1	20A	RCPT - ROOFTOP SCENT	32	
	M 33	----	--	--					360			1	20A	RCPT - DOOR CHIME	34	
	M 35	----	--	--						180		1	20A	RCPT - POWER POLE	36	
	M 37	----	--	--							180	1	20A	RCPT - COMPUTER WALL	38	
	M 39	----	--	--						1200		1	20A	RCPT - COMPUTER WALL	40	
	M 41	----	--	--							50	1	20A	ELECTROMAGNETIC DOOR HOLD OPEN DEVICE	42	
		TOTAL LOAD DEMAND:		11638		11301		10745				92%		PERCENT BALANCE		
		TOTAL DEMAND AMPS:		97 A		94 A		89 A								
LOAD CLASSIFICATION		CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL LOADS											
CONTINUOUS LOAD = C		0	125%	0	TOTAL CONN. LOAD (VA):		32722									
KITCHEN EQUIPMENT LOAD = K		0	100%	0	TOTAL EST. DEMAND (VA):		33685									
LIGHTING LOAD = L		520	125%	650	TOTAL CONN. (AMPS):		91									
MOTOR LOAD = M		15912	100%	19890	TOTAL EST. DEMAND (AMPS):		94									
NON-CONTINUOUS LOAD = N		0	100%	0	TOTAL CONN. (AMPS):		94									
PANEL LOAD = P		0	100%	0	TOTAL EST. DEMAND (AMPS):		94									
RECEPTACLE LOAD = R		16290	81%	13145	TOTAL CONN. (AMPS):		94									
PANEL SCHEDULE NOTES:																
(1) PROVIDE LOCK-ON DEVICE.		(5) PROVIDE "HACR" TYPE CIRCUIT BREAKER FOR HVAC EQUIPMENT.														
(2) PROVIDE LOCK-OFF DEVICE.																
(3) PROVIDE GFCI TYPE DEVICE.																
(4) PROVIDE A NEW BREAKER AT SAME TYPE AND AC RATING IN PANEL.																



REVISIONS		
No.	DATE	DESCRIPTION

Aaron's
 400 GALLERIA PARKWAY, SUITE 300
 ATLANTA, GA 30339
 PHONE NUMBER: (678) 402-3000

PROJECT NAME: AARON'S C0573 / C0618
 29850 - 29900 LAKESHORE BLVD
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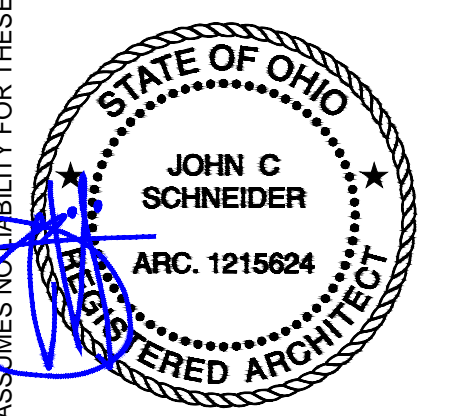
SHEET NAME: PANEL SCHEDULES

DRAWN: JB CHECKED: WR
 DATE: 03/07/23
 SCALE: AS NOTED
 PROJECT NUMBER:
 SHEET: E402

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Kinetic Design
 29833 Santa Margarita Pkwy, Suite 300
 Rancho Santa Margarita, CA 92688
 Main: 951.710.6334 Web: kineticdesign.build
 Email: info@kineticdesign.build



DIVISION 15 - PLUMBING SPECIFICATIONS

GENERAL
 A. THE GENERAL CONDITIONS OF THE GENERAL SPECIFICATIONS, ALONG WITH ALL APPLICABLE INSTRUCTIONS TO BIDDERS SHALL FORM A PART OF THIS SECTION OF THE SPECIFICATIONS.

B. REFERENCE IS MADE TO REQUISITES FOR BIDDERS AND CONTRACTORS UNDER OTHER SECTIONS OF THESE SPECIFICATIONS, WHICH SHALL BE CONSIDERED BINDING, UNLESS OTHERWISE NOTED UNDER THIS SECTION.

SCOPE
 EACH CONTRACTOR SHALL THOROUGHLY ACQUAINT HIMSELF WITH THE CONSTRUCTION DETAILS, BOTH AS ON TENANT CONSTRUCTION DRAWINGS AND LANDLORD'S AS REFERRED TO, BEFORE SUBMITTING HIS BID AS NO ALLOWANCES WILL BE MADE BECAUSE OF THE CONTRACTOR'S UNFAMILIARITY WITH THESE DETAILS. ALL PERFORMANCE OF CONSTRUCTION SHALL BE AS REQUIRED BY THE PACE OF THE GENERAL CONSTRUCTION.

INSPECTION OF SITE
 ALL PROPOSALS SHALL PRECLUDE THAT CONTRACTOR IS FAMILIAR WITH JOB SITE CONDITIONS AND UTILITY LOCATIONS AND THE LACK OF SPECIFIC INFORMATION ON THE DRAWINGS SHALL NOT RELIEVE THE CONTRACTOR OF ANY RESPONSIBILITY.

PERMITS
 ALL PERMITS AND LICENSES NECESSARY FOR THE PROPER EXECUTION OF THE WORK SHALL BE SECURED AND PAID FOR BY THE SUBCONTRACTOR INVOLVED.

CODE REQUIREMENTS
 ALL WORK UNDER THIS CONTRACT SHALL COMPLY WITH THE PROVISIONS OF THE SPECIFICATIONS, DRAWINGS OR AS DIRECTED BY THE OWNER, AND SHALL SATISFY ALL APPLICABLE CODES, ORDINANCES, OR REGULATIONS OF THE GOVERNING BODIES, WHETHER SO SHOWN OR NOT, AND ALL MODIFICATIONS REQUIRED BY SUCH AUTHORITIES SHALL BE MADE BY THE CONTRACTOR WITHOUT ANY ADDITIONAL COST TO THE OWNER.

MATERIALS AND WORKMANSHIP
 A. ALL MANUFACTURED ARTICLES, MATERIALS, AND EQUIPMENT SHALL BE APPLIED AS RECOMMENDED BY THE MANUFACTURERS, AND UNLESS OTHERWISE SPECIFIED SHALL BE NEW, AND FREE FROM ANY DEFECTS. ALL LIKE MATERIALS USED SHALL BE OF THE SAME MANUFACTURE AND QUALITY UNLESS OTHERWISE SPECIFIED.

B. ALL WORK UNDER THIS CONTRACT SHALL BE PERFORMED BY COMPETENT WORKMEN AND EXECUTED IN A NEAT AND WORKMANLIKE MANNER. WORK SHALL BE PROPERLY PROTECTED DURING CONSTRUCTION, AND ON COMPLETION, THE INSTALLATION SHALL BE THOROUGHLY CLEANED AND ALL DEBRIS PRESENT AS A RESULT OF THIS CONTRACT SHALL BE REMOVED FROM THE PREMISES. DO NOT JUST ABANDON.

CODES AND REGULATIONS
 EACH SUBCONTRACTOR SHALL COMPLY WITH ALL LAWS, ORDINANCES, RULES AND REGULATIONS BEARING ON THE CONDUCT OF THE WORK AS DRAWN OR SPECIFIED. IF A SUBCONTRACTOR OBSERVES THAT THE DRAWINGS AND SPECIFICATIONS ARE AT A VARIANCE, HE SHALL PROMPTLY NOTIFY THE GENERAL CONTRACTOR AND THE TENANT IN WRITING. IF ANY SUBCONTRACTOR PERFORMS ANY WORK KNOWING IT TO BE CONTRARY TO LAWS, ORDINANCES, RULES AND REGULATIONS AND WITHOUT GIVING SUCH NOTICE, THE SUBCONTRACTOR SHALL BEAR ALL COSTS ARISING THEREFROM.

PROTECTION OF WORK AND PROPERTY
 A. EACH SUBCONTRACTOR SHALL CONTINUOUSLY MAINTAIN ADEQUATE PROTECTION OF ALL HIS WORK FROM DAMAGE AND SHALL PROTECT THE OWNER'S PROPERTY FROM INJURY OR LOSS ARISING FROM HIS WORK. HE SHALL MAKE GOOD ANY SUCH DAMAGE, INJURY, OR LOSS, EXCEPT SUCH AS MAY BE DIRECTLY DUE TO CAUSES BEYOND HIS CONTROL AND NOT TO HIS FAULT OR NEGLIGENCE. HE SHALL ADEQUATELY PROTECT ADJACENT PROPERTY AS WELL.

B. EACH SUBCONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE SAFETY OF THEIR EMPLOYEES ON THE WORK AND SHALL COMPLY WITH ALL PROVISIONS OF FEDERAL, STATE AND LOCAL BUILDING CODES AND SAFETY LAWS TO PREVENT ACCIDENTS OR INJURY TO PERSONS ON OR ADJACENT TO THE PREMISES WHERE THE WORK IS BEING PERFORMED. EACH SUBCONTRACTOR SHALL MAINTAIN ALL INSURANCE REQUIRED TO PROTECT HIMSELF, OWNER AND TENANT FOR THE DURATION OF THE WORK AGAINST PROPERTY DAMAGE AND PUBLIC LIABILITY.

CHANGES IN THE WORK
 THE TENANT, WITHOUT INVALIDATING THE CONTRACT, MAY ORDER EXTRA WORK OR MAKE CHANGES BY ALTERING, ADDING TO OR DEDUCTING FROM THE WORK, THE CONTRACT SUM BEING ADJUSTED ACCORDINGLY.

COOPERATION
 ALL WORK UNDER THESE SPECIFICATIONS SHALL BE ACCOMPLISHED IN CONJUNCTION WITH OTHER CONTRACTORS AND TRADES OF THIS PROJECT IN A MANNER WHICH WILL ALLOW EACH CONTRACTOR AND TRADE ADEQUATE TIME AT THE PROPER STAGE OF CONSTRUCTION TO FULFILL HIS CONTRACTS. REFERENCE SHALL BE MADE TO THE OWNER FOR INSTRUCTIONS SHOULD ANY QUESTIONS ARISE BETWEEN TRADES AS TO THE PLACING OF LINES, DUCTS, CONDUITS, FIXTURES, OR EQUIPMENT, OR SHOULD IT APPEAR DESIRABLE TO REMOVE ANY GENERAL CONSTRUCTION WHICH WOULD AFFECT THE APPEARANCE OR STRENGTH OF THE STRUCTURE.

SUBSTITUTION OF MATERIALS
 MANUFACTURER'S NAMES ARE LISTED HEREIN TO ESTABLISH A STANDARD. THE PRODUCTS OF OTHER MANUFACTURERS WILL BE ACCEPTABLE, IF IN THE OPINION OF THE TENANT, THE SUBSTITUTE MATERIAL IS OF A QUALITY AS GOOD OR BETTER THAN THE MATERIAL SPECIFIED, AND WILL SERVE WITH EQUAL EFFICIENCY AND DEPENDABILITY, THE PURPOSE FOR WHICH THE ITEMS SPECIFIED WERE INTENDED.

SHOP DRAWINGS
 SHOP DRAWINGS AND CATALOG DATA ON ALL MAJOR ITEMS OF EQUIPMENT AND SYSTEMS, AND SUCH OTHER ILLUSTRATIVE MATERIAL AS MAY BE CONSIDERED NECESSARY BY THE TENANT, SHALL BE SUBMITTED BY THIS CONTRACTOR IN ADEQUATE TIME TO PREVENT DELAY AND CHANGES DURING CONSTRUCTION.

DRAWINGS AND SPECIFICATIONS
 A. THE DRAWINGS SHOW DIAGRAMMATICALLY THE LOCATIONS OF THE VARIOUS LINES, DUCTS, CONDUITS, FIXTURES, AND EQUIPMENT AND THE METHOD OF CONNECTING AND CONTROLLING THEM. IT IS NOT INTENDED TO SHOW EVERY CONNECTION IN DETAIL AND ALL FITTINGS REQUIRED FOR A COMPLETE SYSTEM.

B. SHOULD ANY CHANGES BE DEEMED NECESSARY BY THE CONTRACTOR IN ITEMS SHOWN ON CONTRACT DRAWINGS, THE SHOP DRAWINGS, DESCRIPTIONS, AND THE REASON FOR THE PROPOSED CHANGES SHALL BE SUBMITTED TO THE OWNER FOR APPROVAL.

RESPONSIBILITY
 A. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR THE SATISFACTORY AND COMPLETE EXECUTION OF ALL WORK INCLUDED IN HIS CONTRACT. HE SHALL PRODUCE COMPLETE FINISHED OPERATING SYSTEMS AND PROVIDE ALL INCIDENTAL ITEMS REQUIRED AS PART OF HIS WORK, REGARDLESS OF WHETHER SUCH ITEM IS PARTICULARLY SPECIFIED OR INDICATED.

B. CONTRACTOR SHALL SUPPLY TO LANDLORD AND TENANT A CERTIFIED BALANCE REPORT AT COMPLETION OF PROJECT. THIS IS REQUIRED FOR BOTH REMODELED AND NEW STORES.

GENERAL PROVISIONS
 1. SCOPE: PROVIDE ALL LABOR, MATERIAL, AND EQUIPMENT IN ACCORDANCE WITH THESE SPECIFICATIONS AND THE ACCOMPANYING DRAWINGS TO PROVIDE A COMPLETE AND PROPERLY OPERATING PLUMBING SYSTEM FOR THE BUILDING.

OBTAIN WATER, SEWER, GAS TAPS, AND ANY OTHER REQUIRED UTILITIES AND EXTEND SERVICE FROM SAME TO BUILDING AS SHOWN ON DRAWINGS. VISIT THE SITE FOR UNDERSTANDING OF THE WORK TO BE DONE BEFORE SUBMITTING BID. COORDINATE THIS WORK WITH THE WORK OF THE OTHER TRADES ON THE PROJECT. ALL PLUMBING IS TO BE ROUGHED IN WHILE THE BUILDING IS BEING CONSTRUCTED AT SUCH TIMES AS NOT TO DELAY THE GENERAL CONTRACTOR ON THE BUILDING.

2. GENERAL REQUIREMENTS: COMPLY WITH ALL FEDERAL, STATE, AND LOCAL REQUIREMENTS, CODES, RULES, AND ORDINANCES GOVERNING WORK OF THIS CHARACTER. PAY FOR AND OBTAIN NECESSARY CONSTRUCTION PERMITS AND CERTIFICATES OF INSPECTION.

A. DRAWINGS: THE LOCATION OF THE PIPING RUNS ARE APPROXIMATE AND THE CONTRACTOR MUST MAKE ANY NECESSARY CHANGES IN THE PIPING RUNS, ETC., AT NO ADDITIONAL COST TO THE OWNER. OUTLET LOCATIONS ARE CRITICAL AND MUST BE LOCATED EXACTLY ACCORDING TO THE PLUMBING PLAN. COORDINATE THIS WORK WITH THE INSTALLERS OF EQUIPMENT FURNISHED AND INSTALLED BY OTHERS. REFER TO THE OTHER DRAWINGS FOR DETAILS OF THE BUILDING CONSTRUCTION AND THE OTHER MECHANICAL, ELECTRICAL, AND EQUIPMENT FEATURES.

B. COORDINATION AND WORKMANSHIP: SCHEDULE THIS WORK SO THAT IT WILL BE PROPERLY COORDINATED WITH ALL OTHER TRADES. WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE BEST PRACTICE FOR THE CLASS OF WORK INVOLVED. WORKMANSHIP SHALL ALLOW THE APPLIANCE TO OPERATE AS INTENDED AND BE INSTALLED TO BEST PROTECT THE PUBLIC AND OPERATORS FROM INJURY OR DAMAGE, AND TO PRESENT A NEAT, PLEASING, AND ORDERLY APPEARANCE.

MATERIALS AND PERFORMANCE

1. MATERIALS: ALL MATERIALS SHALL BE NEW AND OF THE QUALITY INDICATED BY THE SPECIFIED BRAND NAMES. SUBSTITUTIONS OF MATERIAL OF EQUAL QUALITY BY OTHER FIRST-LINE MANUFACTURERS MAY BE ACCEPTABLE PROVIDED A LIST OF SUCH SUBSTITUTIONS IS APPROVED IN WRITING. A SUBSTITUTION LIST SHALL BE SUBMITTED IN TRIPLICATE WITHIN FIVE (5) DAYS AFTER THE CONTRACT IS LET.

2. BACKFILLING: PERFORM ALL NECESSARY EXCAVATING AND BACKFILLING REQUIRED FOR THIS INSTALLATION. PREPARE A PROPER BED OF SAND OR GRAVEL OR EQUIVALENT IN ROCK SCREENINGS SO AS TO ELIMINATE SHIMMING AND VOID SPACES UNDER ANY OF THE UTILITY SERVICE PIPES. BENDING OF ANY HARD PIPE WILL NOT BE PERMITTED, WHERE A CHANGE IN DIRECTION IS NECESSARY ON PRESSURE PIPES, "COMPATIBLE" COUPLINGS OR EQUAL SHALL BE USED AND SOLDERINGS MAY NOT EXCEED 90 DEGREES. ALL EXCAVATION BELOW THE BOTTOM OF FOOTINGS SHALL BE BACKFILLED WITH 2000 PSI CONCRETE. OTHER BACKFILL SHALL CONSIST OF 2'-3" OF SAND OR ROCK SCREENINGS AND EARTH TO A FINAL LEVEL EQUAL TO ITS ORIGINAL CONDITION. IN THE EVENT THE BACKFILL SHOULD SETTLE BEFORE THE FINAL TOP SURFACE IS APPLIED, APPLY ADDITIONAL BACKFILL TO SUSTAIN THE ORIGINAL LEVEL. CARE SHOULD BE TAKEN TO MINIMIZE THE DUST LEVEL WHEN EXCAVATING AND BACKFILLING SO AS TO COMPLY WITH FEDERAL AND STATE E.P.A. REGULATIONS RELATING TO THIS TYPE OF WORK (FUGITIVE DUST).

GENERAL PLUMBING NOTES

4. PIPING INSTALLATION: CLEANOUTS MUST BE INSTALLED ON MINIMUM DROP LINES EVEN THOUGH NOT SHOWN ON THE BLUEPRINTS. USE REDUCING FITTINGS IN MAKING REDUCTIONS IN SIZE OF PIPE. REAM ALL PIPE AFTER CUTTING. THEN TURN PIPES ON END AND KNOCK OUT ALL LOOSE DIRT AND SCALE BEFORE INSTALLING. MAKE CHANGES IN HORIZONTAL DIRECTION OF SOIL AND WASTE PIPES WITH LONG RADIUS FITTINGS OR WITH "Y" BRANCHES AND 180 OR 90° BENDS. CONNECT SOIL STACKS AT BASE TO HORIZONTAL RUNS WITH "Y" CONNECTIONS.

WATER SUPPLY PIPES TO FIXTURES AND WASTE PIPES FROM FIXTURES SHALL BE CENTERED IN THE PROPER PLACE RELATIVE TO THE CENTER LINE OF THE FIXTURE. NO OFFSETS WILL BE ALLOWED. ALL PIPES SHALL BE RUN MECHANICALLY STRAIGHT AND SQUARE WITH BUILDING LINES, EXCEPT FOR REQUIRED PITCH ON HORIZONTAL LINES, AND ALL CHANGES IN DIRECTION SHALL BE MADE WITH FITTINGS. WATER PIPING TO BE ROUTED IN WALLS, UNDER THE FLOOR SLAB, AND ABOVE SUSPENDED CEILINGS AS NOTED. WHERE WATER LINES ARE ROUTED UNDER THE FLOOR SLAB, NO MECHANICAL JOINTS SHALL BE MADE UNDER THE SLAB EXCEPT AS LISTED BELOW. WATER PIPING SHALL BE INSTALLED NOT TO EXERT VERTICAL NOR HORIZONTAL STRESSES ON THE SEATING OF UNIONS. UNIONS SHALL BE COPPER TYPE NIBCO #733 OR EQUAL.

NO WAX, PUTTY, OR VARNISH WILL BE PERMITTED. CRACKED FITTINGS SHALL BE REMOVED AND REPLACED WITH NEW FITTINGS. MAKE TREADED JOINTS IN BRASS PIPE AND FITTINGS WITH PIPE TREADING TO THE SHOULDER OF THE FITTINGS. NO SLIP JOINTS OR COUPLING JOINTS IN BRASS PIPE WILL BE PERMITTED, EXCEPT ON THE FIXTURE SIDE OF THE TRAP.

5. NATURAL GAS PIPING: FOR ABOVE GROUND INSTALLATIONS, ALL FITTINGS TO BE JOINED WITH TEFLON TAPE SEAL OR OTHER SUITABLE SEAL AND MADE IN CONFORMANCE WITH THE BEST PRACTICES OF AGA AND NFPA 54. UNIONS SHALL BE CAST BRASS OR IRON AND INSTALLED IN A MANNER SUCH THAT NO STRESS WILL BE PLACED ON THE MALE-FEMALE SEALING SURFACES. PROPER ALIGNMENT WILL BE MADE AT TIME OF INSTALLATION. ALL JOINTS AND CONNECTIONS SHALL BE THOROUGHLY CLEANED OF OIL, THREAD CUTTINGS AND RESIDUALS TO ACCEPT ENAMEL PAINT. ROUGH OR SHARP EXPOSED THREAD SURFACES SHALL BE FILED SMOOTH. TESTING SHALL BE AS OUTLINED UNDER SECTION 15A, PARAGRAPH 11, TESTS.

6. WATER PIPE: JOINTS SHALL BE CLEANED AND DEBURRED AS RECOMMENDED BY THE MANUFACTURER AND FEDERAL, STATE, AND LOCAL CODES AND SOLDERED AS LISTED BELOW. FLUX SHALL BE NON-CORROSIVE.

ABOVE GRADE - WHERE FITTINGS ARE SOLDERED BOTH FITTINGS AND TUBING SHALL BE CLEANED AS DESCRIBED ABOVE. UNDER NO CIRCUMSTANCES SHALL DISSIMILAR METALS COME INTO DIRECT CONTACT WITH COPPER TUBING, E.G., GALVANIZED STRAPPINGS, HANGERS, OR CLAMPS TO SECURE THE TUBING.

BELOW GRADE, OR FLOOR SLAB ON EARTH OR STONE FILL - HIGH TEMPERATURE, SOLDER, 1200 DEG. F OR GREATER MELTING POINT.

NOTE: WATER PIPE TO BE PROPERLY SECURED AND ALIGNED SO AS NOT TO EXERT VERTICAL OR HORIZONTAL STRESSES ON THE SEATING OF THE MATING (MALE AND FEMALE) SURFACES OF THE UNIONS.

A. MATERIALS - UNDERGROUND: TYPE "K" COPPER TUBE, SOFT TEMPER
 B. MATERIALS - ABOVEGROUND: TYPE "L" COPPER TUBE, HARD DRAWN.

C. INSULATION: INSULATION FOR HOT AND COLD WATER PIPING SHALL BE 1/2" (1" ON 1ST 8 FT. FROM TANK) THICK ARMAFLEX IUL LABELED OIL FIBERGLASS 25 WITH AS/JSLS FOL/UVINYL JACKET OR EQUAL. INSULATE ALL PIPING AND FITTINGS.

7. GAS PIPING
 A. GAS PIPING ABOVE GROUND: ASTM A63, SCHEDULE 40 BLACK STEEL WITH 125 POUND BLACK MALLEABLE IRON SCREWED FITTINGS. INSTALL MOISTURE TRAPS ON HVAC UNITS AND KITCHEN EQUIPMENT.
 B. GAS PIPING COMPOUND AT JOINTS: IN COMPLIANCE WITH NFPA BULLETIN #54 AND LOCAL APPLICABLE CODES AND SUITABLE FOR NATURAL GAS SERVICE.

8. WASTE PIPING: INSTALL HORIZONTAL DRAIN AND WASTE PIPES WITH MIN. 1/8"FT. SLOPE.
 MATERIALS: PVC SCH. 40, CAST IRON - HUB TYPE WITH NEOPRENE JOINTS - WITH STAINLESS STEEL CONNECTORS WHEN PVC IS NOT ALLOWED PER LOCAL CODE.

9. PIPE SLEEVES/ESCUTCHEONS: PROVIDE CHROME-PLATED ESCUTCHEONS ON ALL PIPES PASSING THROUGH WALLS, FLOORS, OR CEILINGS OF FINISHED ROOMS. ESCUTCHEONS TO BE BEATON & CADWELL, #10, 40, 6A OR EQUIVALENT WITH SET-SCREWS. PROVIDE ESCUTCHEONS ON ALL WASTE LINES FROM PLUMBING FIXTURES, WHETHER THROUGH WALLS, FLOORS, AND WHETHER CONCEALED BEHIND COUNTERS OR POSED. PIPE SLEEVES SHALL BE PROVIDED WHEN PIPES PENETRATE FOUNDATION AND SHALL BE 1" LARGER THAN PIPE. SEAL SLEEVE W/CALKING.

10. PLUMBING FIXTURES: FURNISH AND INSTALL PLUMBING FIXTURES AS SHOWN ON DRAWINGS WITH ALL ACCESSORIES AND TRIM AS LISTED. ALL FIXTURES SHALL BE PROTECTED THROUGH THE COURSE OF THE CONSTRUCTION. ANY FIXTURE DAMAGED SHALL BE REPLACED WITHOUT ADDITIONAL EXPENSE TO THE OWNER.

11. CONNECTION TO OTHER FIXTURES: CONNECT BUILDING SERVICE PIPING, INCLUDING BUT NOT LIMITED TO WATER, DRAIN, AND GAS PIPES TO FOOD SERVICE EQUIPMENT AS INDICATED IN EQUIPMENT SPECIFICATIONS. PROVIDE BACKFLOW PROTECTION ON ICE MACHINES AND BEVERAGE EQUIPMENT SUPPLY CONNECTIONS. CONTRACTOR SHALL PROVIDE TRAPS, VALVES AND ACCESSORIES FOR A COMPLETE SYSTEM.

12. TESTS
 A. DRAINAGE AND VENT PIPING - DRAINAGE AND VENT PIPING SHALL BE TESTED BEFORE THE PLUMBING FIXTURES ARE INSTALLED BY CAPPING THE OPENINGS AND FILLING THE ENTIRE SYSTEM WITH WATER AND ALLOWING IT TO STAND THUS FILLED NOT LESS THAN ONE (1) HOUR. INSPECT WATER LEVEL TO DETERMINE IF PIPING IS TIGHT.
 B. WATER PIPING - THE WATER SUPPLY PIPING LINES SHALL BE TESTED BEFORE THE PLUMBING FIXTURES ARE CONNECTED BY FILLING THE ENTIRE SYSTEM WITH POTABLE WATER AND APPLYING HYDROSTATIC PRESSURE OF 100 PSI AND ALLOWING TO STAND FOR NOT LESS THAN FOUR (4) HOURS AT THIS PRESSURE TO PROVE PLUMBING INTEGRITY.

C. GAS PIPING - IN LIEU OF LOCAL REQUIREMENTS, GAS PIPING SHALL BE FILLED WITH COMPRESSED AIR TO 150 PSI AND HELD FOR A PERIOD OF FOUR (4) HOURS. EACH JOINT SHALL BE CHECKED BY LIQUID SOAP OR SPECIAL LIQUID CHEMICAL FOR LEAKS. NOTE: REMOVE ALL GAS VALVES AND PROTECT FROM DAMAGE BEFORE TESTING SYSTEM.

13. DISINFECTION OF POTABLE WATER SYSTEM: UPON COMPLETION OF INSTALLATION DISINFECT THE WATER SYSTEM BY FILLING IT WITH SOLUTION CONTAINING 50 PARTS PER MILLION OF CHLORINE AND ALLOW IT TO STAND FOR NOT LESS THAN SIX (6) HOURS BEFORE FLUSHING THOROUGHLY AND RETURNING TO SERVICE. FURNISH CLEAN WATER SAMPLES TO THE LOCAL AUTHORITY FOR TESTING AFTER THE LINES HAVE BEEN DISINFECTED. THIS PROCEDURE TO BE IN ACCORDANCE WITH STATE PLUMBING CODE.

14. CLEANUP: CLEAN ALL PLUMBING FIXTURES AND EQUIPMENT THOROUGHLY BEFORE FINAL INSPECTION, LEAVING ALL READY FOR USE.

15. GUARANTEE: MATERIALS AND WORKMANSHIP SHALL BE GUARANTEED FOR ONE (1) YEAR FROM DATE OF FINAL ACCEPTANCE. DEFECTIVE WORK AND ALL DAMAGES CAUSED THEREBY WHICH MAY OCCUR DURING THE TERM OF THE AFOREMENTIONED GUARANTEE WILL BE REPAIRED AND/OR REPLACED AT NO EXPENSE TO THE OWNER.

16. OWNER'S MANUAL: PROVIDE THE OWNER, AT THE COMPLETION OF THIS CONTRACT, WITH AN 'OWNER'S MANUAL' SO LABELED. THE MANUAL SHALL CONSIST OF A THREE RING LOOSE-LEAF BINDER CONTAINING ALL PRINTED MATTER SUCH AS: GUARANTEE CARDS, CLEANING INSTRUCTIONS, NOTICES TO OWNER, OPERATING MANUALS, AND MAINTENANCE INSTRUCTIONS THAT MAY BE CONTAINED IN THE SHIPPING CARTONS OR EQUIPMENT HOUSINGS.

PLUMBING FIXTURE AND EQUIPMENT SCHEDULE/CONNECTIONS

MARK	FIXTURE	FIXTURE ROUGH-IN				DESCRIPTION
		W	V	CW	HW	
S-1	BREAK ROOM SINK	2"	1-1/2"	1/2"	1/2"	ELKAY GEGR-2521L4 WITH LK18 GRID STRAINER, DELTA 100-WF FAUCET (0.5 GPM), OR EQUAL.
MS-1	MOP SINK	3"	2"	3/4"	3/4"	GSW SERVICE SINK MODEL SE-2424FM, FLOOR MOUNTED, STAINLESS STEEL, W/ GSW SERVICE FAUCET MODEL AA-840, WALL MOUNTED, PROVIDE BACK FLOW DEVICE, OR APPROVED EQUAL.
WB-1	WASHING BOX	3"	2"	3/4"	3/4"	LSP PRODUCTS GROUP, MODEL #0B-207 WASHING MACHINE OUTLET RECESSED BOX WITH SIOUX CHIEF "MINI-RESTER" HAMMER ARRESTOR (FOR HOT AND COLD WATER SUPPLY) OR APPROVED EQUAL.
WCO	WALL CLEANOUT	SEE PLANS	-	-	-	ZURN WALL CLEANOUT MODEL Z1441-VP, DURA-COATED CAST IRON BODY, GAS AND WATER TIGHT, VANDAL PROOF SCREWS, COORDINATE FINAL LOCATIONS AND FINISH WITH ARCHITECTURAL.
MV-1	MIXING VALVE	-	-	-	-	MIXING VALVE WATTS - MODEL #LFMMV-M1, SET OUTLET TEMPERATURE AT 105°F.

NOTES: 1. CONTRACTOR TO VERIFY THAT ALL PLUMBING FIXTURES ARE FOR INSTALLATION ON EXPOSED SLAB.
 2. SEE ARCHITECT PLANS SPECIFICATIONS FOR ADDITIONAL INFORMATION.

PLUMBING SYMBOLS LEGEND

— G —	GAS PIPING
— CD —	CONDENSATE DRAIN PIPING
— W —	COLD WATER PIPING
— HW —	HOT WATER PIPING (140°)
— HW —	HOT WATER RECIRCULATING PIPING
— W —	SANITARY WASTE PIPING
— FW —	FILTERED WATER PIPING
— 140° —	140° WATER PIPING
— GW —	GREASE WASTE PIPING
— — V —	SANITARY VENT PIPING
VTR	VENT THROUGH ROOF
— &O —	PLUMBING TRAP
—>—	PIPE TURNING DOWN
— o —	PIPE TURNING UP
—+—	CHECK VALVE
— —	UNION
AFF	ABOVE FINISHED FLOOR
CO	CLEAN OUT
—(—	PRESSURE REGULATING VALVE (PRV) (50 PSI)
—●—	BALL VALVE
— —	BALANCE VALVE
EWVF	ELECTRIC WATER FOUNTAIN
GCO	GRADE CLEAN OUT
—+—	CIRCUIT SETTER BALANCE VALVE
—+—	POINT OF CONNECTION
—>—	SPRING CHECK VALVE / BACK WATER VALVE
— PRV —	PRESSURE REDUCING VALVE
— S —	SOLENOID VALVE
— S —	THREE-WAY SOLENOID VALVE
— X —	GATE VALVE
— S V —	RISER BALL VALVE / SHUT OFF VALVE
—▲—	GAS COCK

APPLICABLE CODES

CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE STATE CODES WHETHER INDICATED HEREIN OR NOT.

- INTERNATIONAL BUILDING CODE 2015 (IBC 2015)
- INTERNATIONAL MECHANICAL CODE 2015 (IMC 2015)
- INTERNATIONAL PLUMBING CODE 2015 (IPC 2015)
- INTERNATIONAL FIRE CODE 2015 (IFC 2015)
- NATIONAL ELECTRICAL CODE 2017 OF OHIO
- INTERNATIONAL ENERGY CONSERVATION CODE 2018 (IECC 2018)
- ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES 2009 OF OHIO
- NATIONAL FIRE ALARM AND SIGNALING CODE 2016 OF OHIO
- STANDARD FOR HIGH CHALLENGE FIRE WALLS, AND FIRE BARRIER WALLS 2015 OF OHIO
- BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE OF OHIO

SHEET INDEX

No.	SHEET NAME
PLUMBING	PLUMBING LEAD SHEET
P001	BUILDING SITE PLAN
MP100	PLUMBING FLOOR PLAN
P200	

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REVISIONS		
No.	DATE	DESCRIPTION

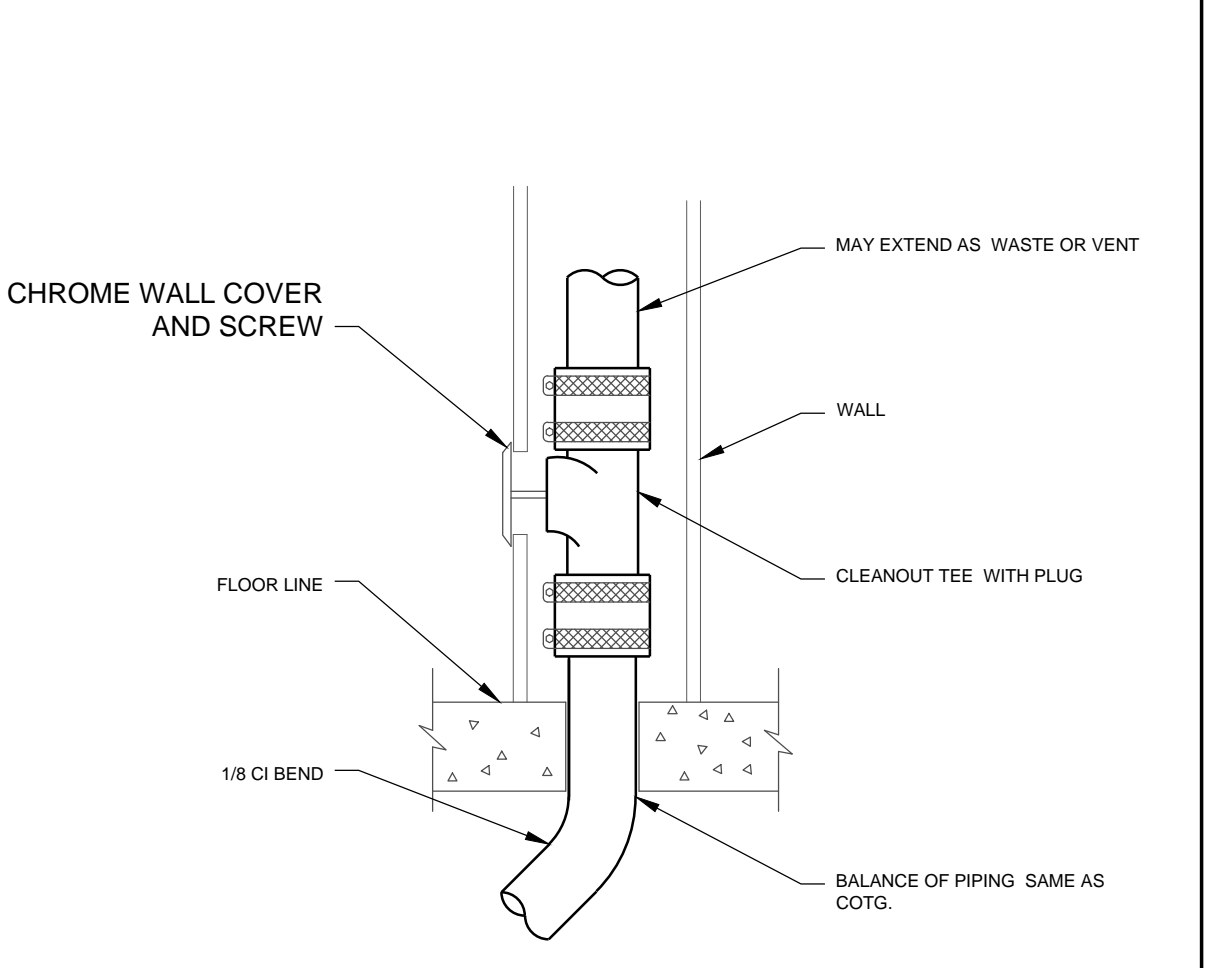
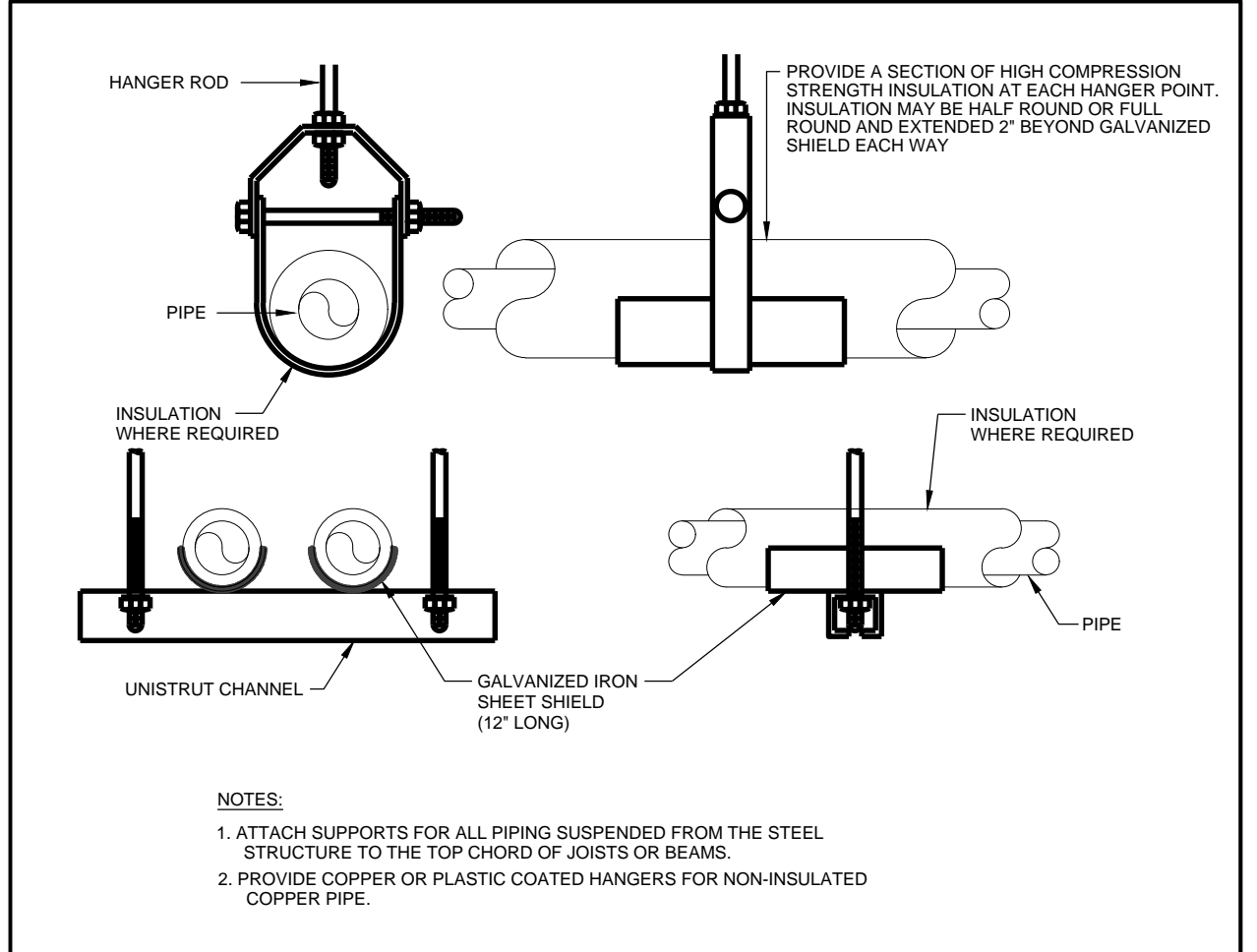
CLIENT INFORMATION
Aaron's
 400 GALLERIA PARKWAY, SUITE 300
 ATLANTA, GA 30339
 PHONE NUMBER: (678) 402-3000

PROJECT NAME
AARON'S C0573 / C0618
 29850 - 29900 LAKESHORE BLVD
 WILLOWICK, OH 44095

SHEET NAME
PLUMBING LEAD SHEET

DRAWN	CHECKED
RH	
DATE	03/07/23
SCALE	AS NOTED
PROJECT NUMBER	
SHEET	

P001



PIPE HANGER DETAIL		2	WALL CLEANOUT DETAIL		1
SCALE:	NONE		SCALE:	NONE	

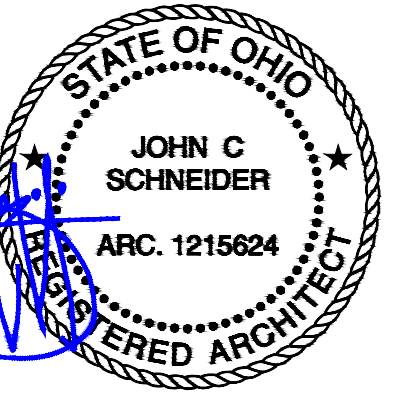
SHEET KEYNOTES

- 1 MECHANICAL AND PLUMBING SCOPE OF WORK.
- 2 SEE SHEETS M200 AND P200 FOR IMPROVEMENT PLAN.



Kinetic Design

20381 Lake Forest Dr. Suite B16
Lake Forest, CA. 92630
Main: 951.710.6334 Web: kineticdesign.build
Email: info@kineticdesign.build



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REVISIONS

No.	DATE	DESCRIPTION

CLIENT INFORMATION

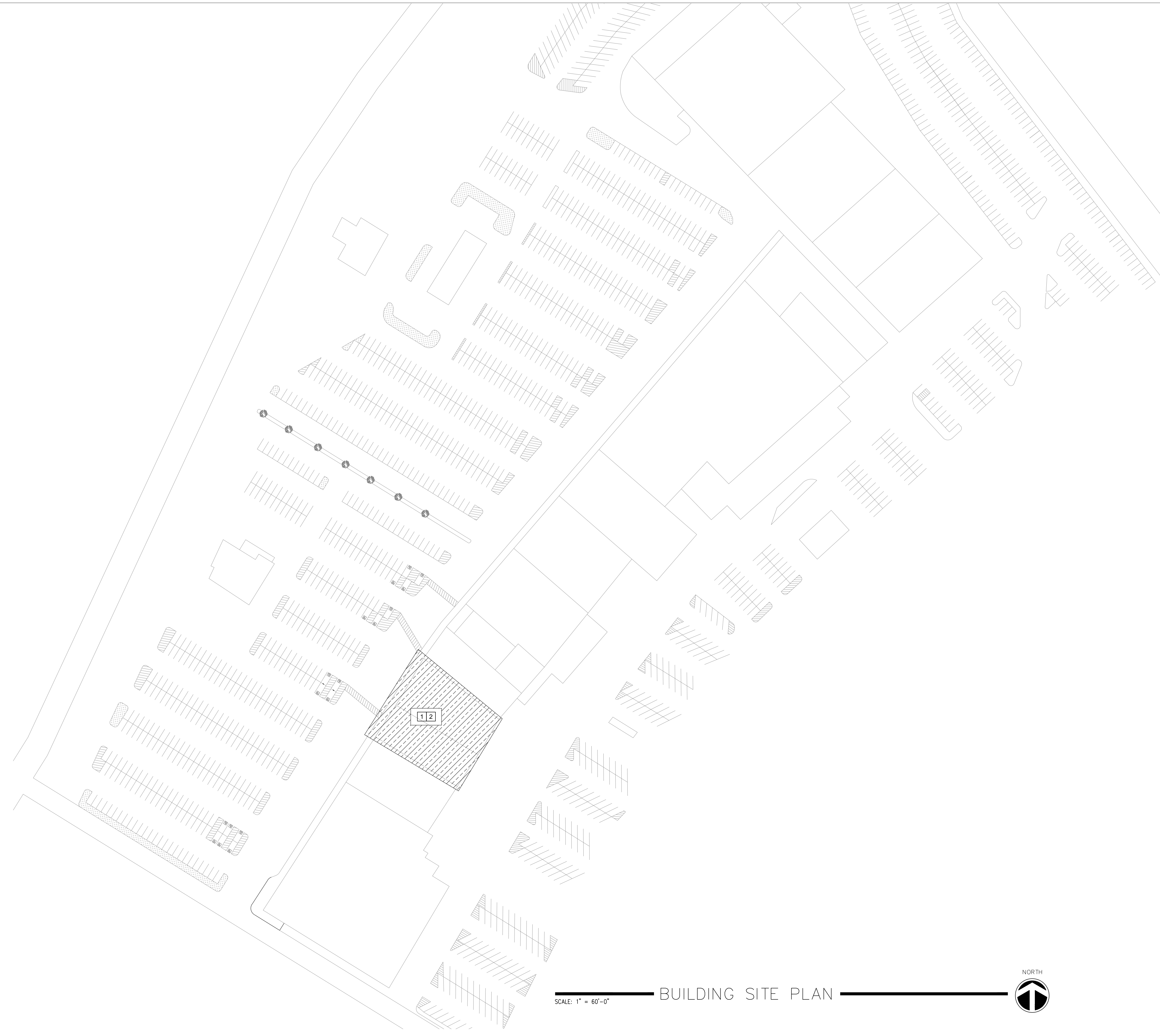
Aaron's
400 GALLERIA PARKWAY
ATLANTA, GA 30339
PHONE NUMBER: (678) 402-3000

PROJECT NAME
AARON'S C1105
1603 E DIXIE DR, ASHEBORO, NC 27203

SHEET NAME
BUILDING SITE PLAN

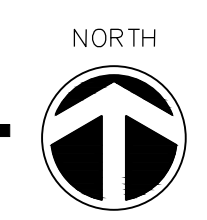
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DATE			06/24/22
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PROJECT NUMBER			
SHEET			

MP100

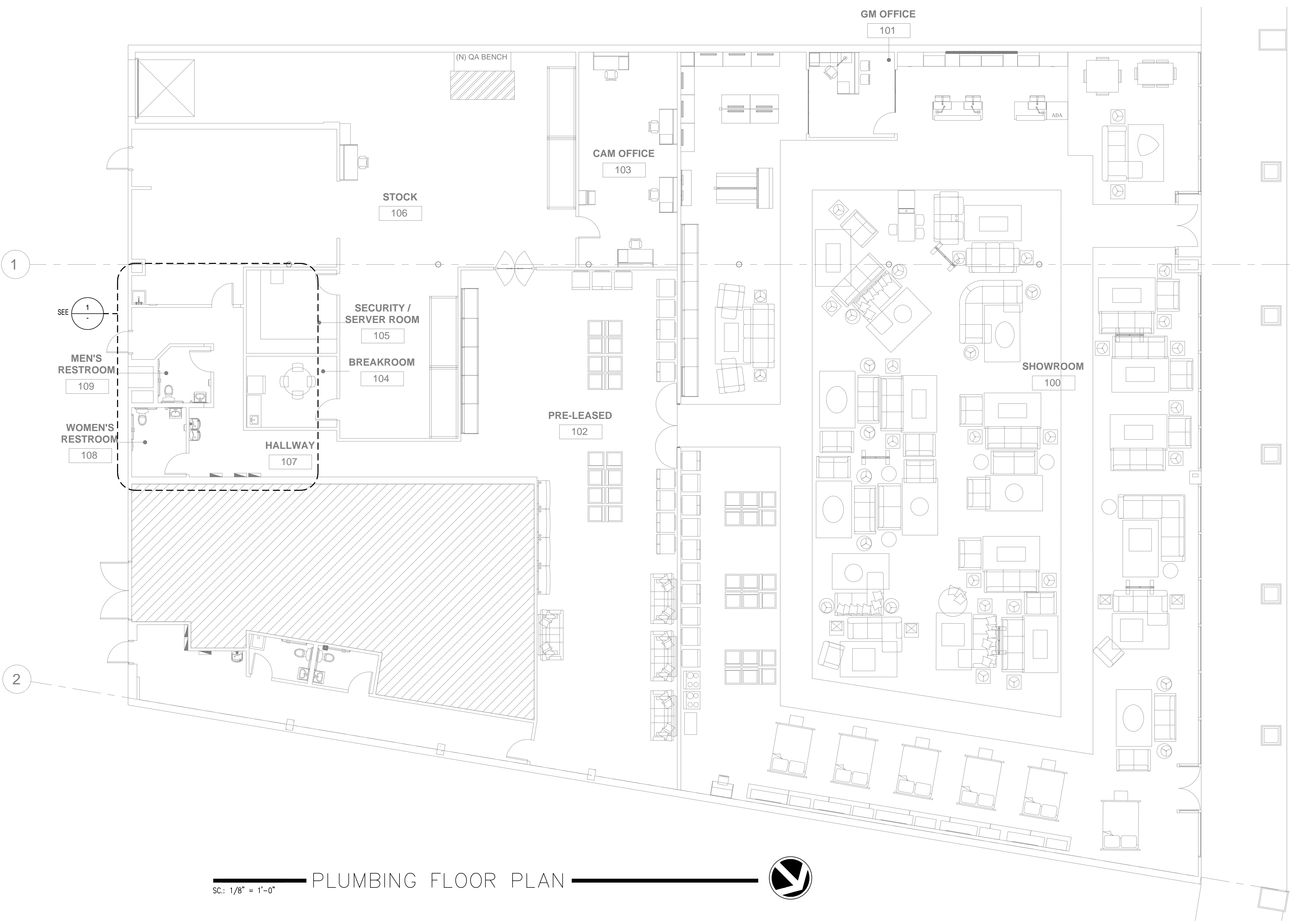


SCALE: 1" = 60'-0"

BUILDING SITE PLAN

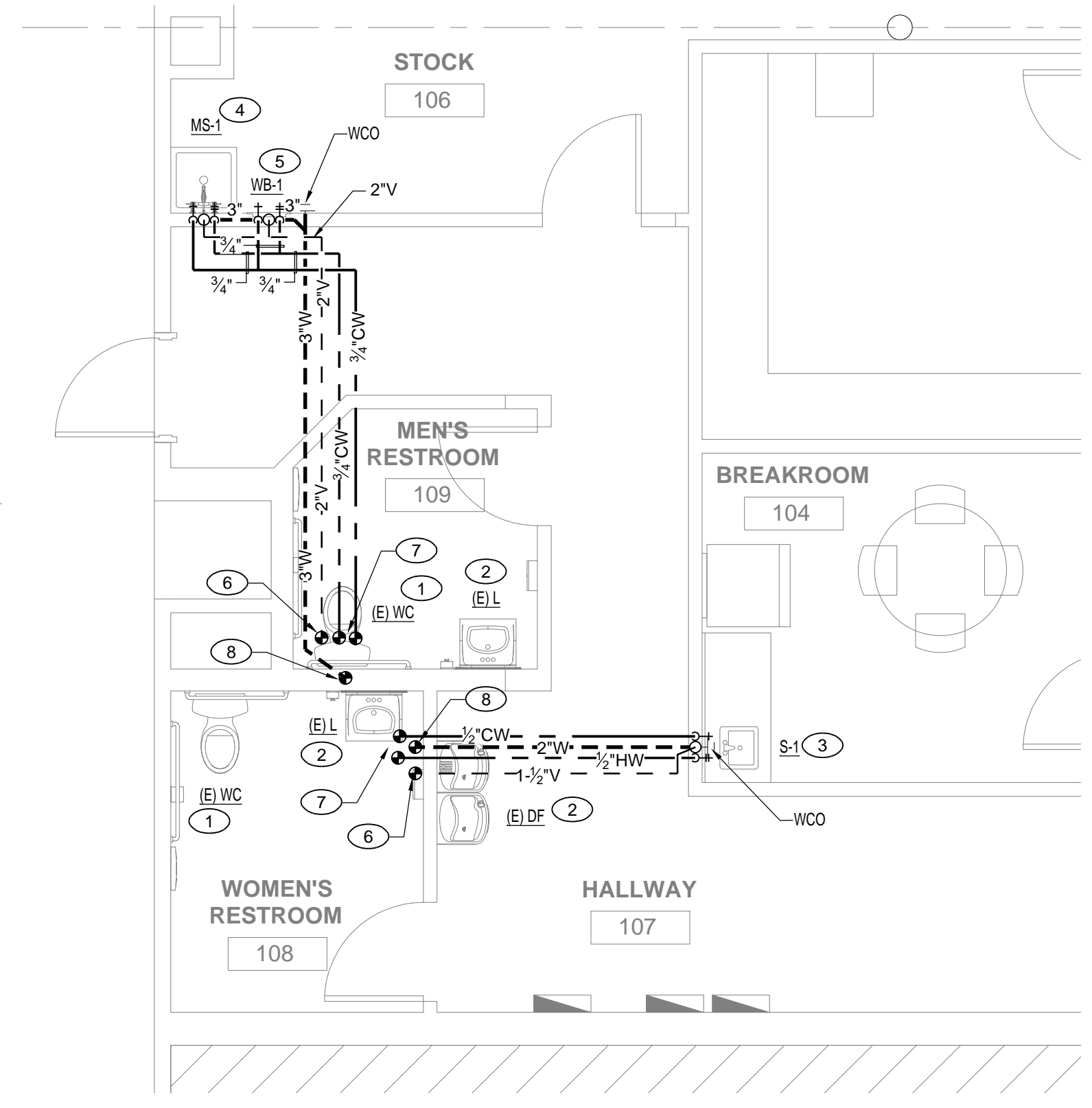


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SC: 1/8" = 1'-0" PLUMBING FLOOR PLAN

PLUMBING FIXTURE CALCULATION							
Fixture Type	QTY	Each			Total		
		W	CW(100%)	HW	W	CW(100%)	HW(75%)
(E) Water Closet	2	4.0	2.5	0.000	8.0	5.0	0.000
(E) Lavatory	2	1.0	1.0	0.750	2.0	2.0	1.500
Sink	1	2.0	1.5	1.125	2.0	1.5	1.125
Mop Sink	1	3.0	3.0	2.250	3.0	3.0	2.250
Hose Bibb	1	0.0	2.5	0.000	0.0	2.5	0.000
Hose Bibb (additional)	1	0.0	1.5	0.000	0.0	1.5	0.000
Washing Box	1	3.0	4.0	3.000	3.0	4.0	3.000
(E) Drinking Fountain	1	2.0	1.0	0.000	2.0	1.0	0.000
Total		0.0	1.0	0.000	0.0	0.0	0.000
	10				20.0	20.5	7.875
							15 GPM



SC: 1/4" = 1'-0" PLUM. ENLARGED PLAN

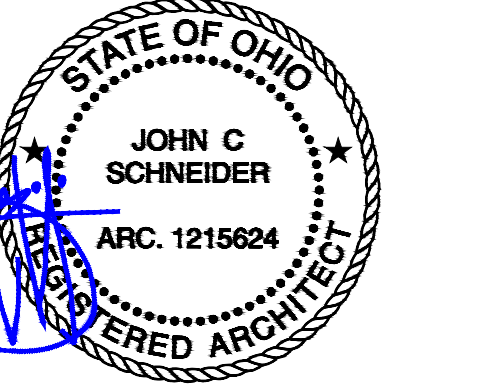
GENERAL NOTES

- A PRIOR TO DETAILING & INSTALLING PLUMBING AND FIRE PROTECTION PIPING COORDINATE EXACT ROUTING AND ELEVATIONS WITH MECHANICAL, ELECTRICAL AND FIRE SPRINKLER CONTRACTORS. PROVIDE WRITTEN CONFIRMATION THAT THIS COORDINATION HAS BEEN IMPLEMENTED PRIOR TO PROCEEDING WITH INSTALLATION OF PIPING.
- B PRIOR TO INSTALLATION OF SEWER AND WATER PIPING BELOW GRADE COORDINATE EXACT LOCATIONS AND DEPTHS OF BURIAL WITH CIVIL AND FOUNDATION DRAWINGS AND CORRESPONDING ENGINEERS.
- C ALL PLUMBING FIXTURES SHALL BE WATER CONSERVATION TYPE AS MANDATED BY LOCAL BUILDING DEPARTMENT.
- D ALL PLUMBING FIXTURES SHALL HAVE AN ANGLED SHUT OFF VALVE.
- E ALL PLUMBING FIXTURES SHALL HAVE A TRAP INSTALLED AND SHALL BE PROPERLY VENTED IN ORDER TO MAINTAIN THE TRAP SEAL.
- F ALL PLUMBING FLOOR SINKS, FLOOR DRAINS, MOP SINKS, AND HUB DRAINS SHALL HAVE A TRAP PRIMER INSTALLED AND SHALL BE PROPERLY VENTED IN ORDER TO MAINTAIN THE TRAP SEAL.
- G CONTROLS FOR SERVICE WATER HEATING SYSTEMS SHALL LIMIT THE OUTLET TEMPERATURE AT PUBLIC LAVATORIES TO 100°F (CEC 110.3(i)(3)). THE WATER HEATER THERMOSTAT MAY NOT BE USED FOR COMPLIANCE WITH THIS CODE SECTION (CPC 421.2).
- H FAUCET CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL NOT BE GREATER THAN 5 LB-FT.
- I HOT WATER AND DRAIN PIPES EXPOSED UNDER SINKS SHALL BE INSULATED OR OTHERWISE CONFIGURED SO AS TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER SINKS.
- J ALL WATER CLOSETS DESIGNATED AS HANDICAP SHALL BE INSTALLED SUCH THAT THE ACTUATOR IS OPERABLE FROM THE WIDE SIDE OF THE WATER CLOSET.
- K ANY PENETRATIONS TO THE FIRE BARRIER WILL REQUIRE FIRE-SMOKE DAMPER FOR DUCTING AND FIRE CHALKING FOR PIPING. FIELD VERIFY.

KEYNOTES

- 1 EXISTING FIXTURE/S AND PIPING TO REMAIN. FIELD VERIFY.
- 2 EXISTING FIXTURE/S TO BE RELOCATED. EXTENDED PIPES AS REQUIRE. FILLED VERIFY.
- 3 INSTALL NEW SINK, CONNECT 1/2" CW, 1/2" HW, 2" WASTE AND 1-1/2" VENT. SEE SHEET P001 FOR MORE INFORMATION.
- 4 INSTALL NEW MOP SINK, CONNECT 3/4" CW, 3/4" HW, 3" WASTE AND 2" VENT. SEE SHEET P001 FOR MORE INFORMATION.
- 5 INSTALL NEW WASHING BOX, CONNECT 3/4" CW, 3/4" HW, 3" WASTE AND 2" VENT. SEE SHEET P001 FOR MORE INFORMATION.
- 6 POINT OF CONNECTION FOR VENT LINE. CONTRACTOR TO VERIFY IN THE FIELD EXACT LOCATION PRIOR TO START OF WORK.
- 7 POINT OF CONNECTION FOR COLD AND HOT WATER LINES. CONTRACTOR TO VERIFY IN THE FIELD EXACT LOCATION PRIOR TO START OF WORK.
- 8 POINT OF CONNECTION FOR WASTE LINE. CONTRACTOR TO VERIFY IN THE FIELD EXACT LOCATION PRIOR TO START OF WORK.

KD
Kinetic Design
29833 Santa Margarita Pkwy, Suite 300
Rancho Santa Margarita, CA 92688
Main: 951.710.6334 Web: kineticdesign.build
Email: info@kineticdesign.build



REVISIONS		
No.	DATE	DESCRIPTION

CLIENT INFORMATION
Aaron's
400 GALLERIA PARKWAY, SUITE 300
ATLANTA, GA 30339
PHONE NUMBER: (678) 402-3000

PROJECT NAME
AARON'S C0573 / C0618
29850 - 29900 LAKESHORE BLVD
WILLOWICK, OH 44095

PROJECT NUMBER
P200

SHEET NAME
PLUMBING FLOOR PLAN

DRAWN	RH	CHECKED	
DATE			03/07/23
SCALE			AS NOTED

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