

MCNARY DINING RESTROOM REDESIGN

ITB# 2022-007813

Exhibit H Drawings



Oregon State
University

Construction Contracts Administration

Oregon State University

644 SW 13th Ave.

Corvallis, Oregon 97333



waterleaf
419 SW 11th Ave
Portland, OR 97205
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f. 503.227.8871

OSU
McNARY HALL
DINING
RESTROOM
PERMIT-BID
SET
COVER SHT.
KEY PLAN
SCOPE OF
WORK



SCALE: NO SCALE

DRAWING DATE
11-9-2021

SHEET NO.
A0.0

DRAWN BY: AW

CODE SUMMARY

SITE INFO:

ZONE: OSU (UNIVERSITY NEIGHBORHOODS OVERLAY)
CLIMATE ZONE 4C

APPLICABLE CODES, ORDINANCES, AND STANDARDS:

FOLLOWING PREVIOUS RENOVATION WORK ON FILE FROM 2002:

LIFE SAFETY DATA

APPLICABLE CODE
STATE OF OREGON STRUCTURAL SPECIALTY CODE, 1998 EDITION
UNIFORM BUILDING CODE, 1997 EDITION

OCCUPANCY GROUP
GROUP B: OFFICE, CONFERENCE ROOMS
GROUP A2.1: DINING AREA
GROUP S1: STORAGE, COMMERCIAL KITCHEN

CONSTRUCTION TYPE
TYPE II ONE-HOUR (UBC)

BUILDING AREA
BUILDING AREA INCREASED ONLY BY ENTRY VESTIBULES

ACCESSIBLE ROUTE
ACCESSIBLE ROUTE IS PROVIDED AND MAINTAINED TO ALL AREAS OF THE BUILDING AND SITE AFFECTED BY THE WORK OF THIS CONTRACT

BUILDING INFO:

OCCUPANCY GROUP: DINING AND COMMERCIAL KITCHEN (A-2)
NUMBER OF STORIES: 1, AND BASEMENT
TOTAL BLD. AREA: 20,074 SF (1ST FL.), WITH PARTIAL BASEMENT
HEIGHT: 16'-7"
MANUAL FIRE ALARM SYSTEM THROUGHOUT
NO PROPOSED CHANGES

ACCESSIBILITY:

NEW ALTERATION WORK SHALL COMPLY WITH ACCESSIBILITY.

OCCUPANCY:

EXISTING: 799 OCCUPANTS
PROPOSED: 800 OCCUPANTS
FOR CALCULATION SEE OVERALL PLAN A0.1

PLUMBING FIXTURES:

REQUIRED: 7 W.C. AND 4 LAV. PER SEX

EXISTING:
1 MEN'S RESTROOM W/ 1 LAV., 1 URINAL, 1 W.C. (PUBLIC AND EMPLOYEE ACCESS)
1 WOMEN'S RESTROOM W/ 1 LAV., 2 W.C.S (PUBLIC AND EMPLOYEE ACCESS)
2 UNISEX RESTROOMS EA. W/ 1 LAV., 1 W.C. (EMPLOYEE ACCESS ONLY)
1 LOCKER ROOM W/ 1 LAV., 2 W.C.S (EMPLOYEE ACCESS ONLY)

PROPOSED:
ADD 2 UNISEX RESTROOMS EA. W/ 1 LAV., 1 W.C. (PUBLIC AND EMPLOYEE ACCESS)
ADD 1 LAV. TO LACTATION ROOM
REMOVE 1 (EMPLOYEE ONLY) UNISEX RESTROOM W/ 1 LAV., 1 W.C.

FOR CALCULATION SEE OVERALL PLAN A0.1

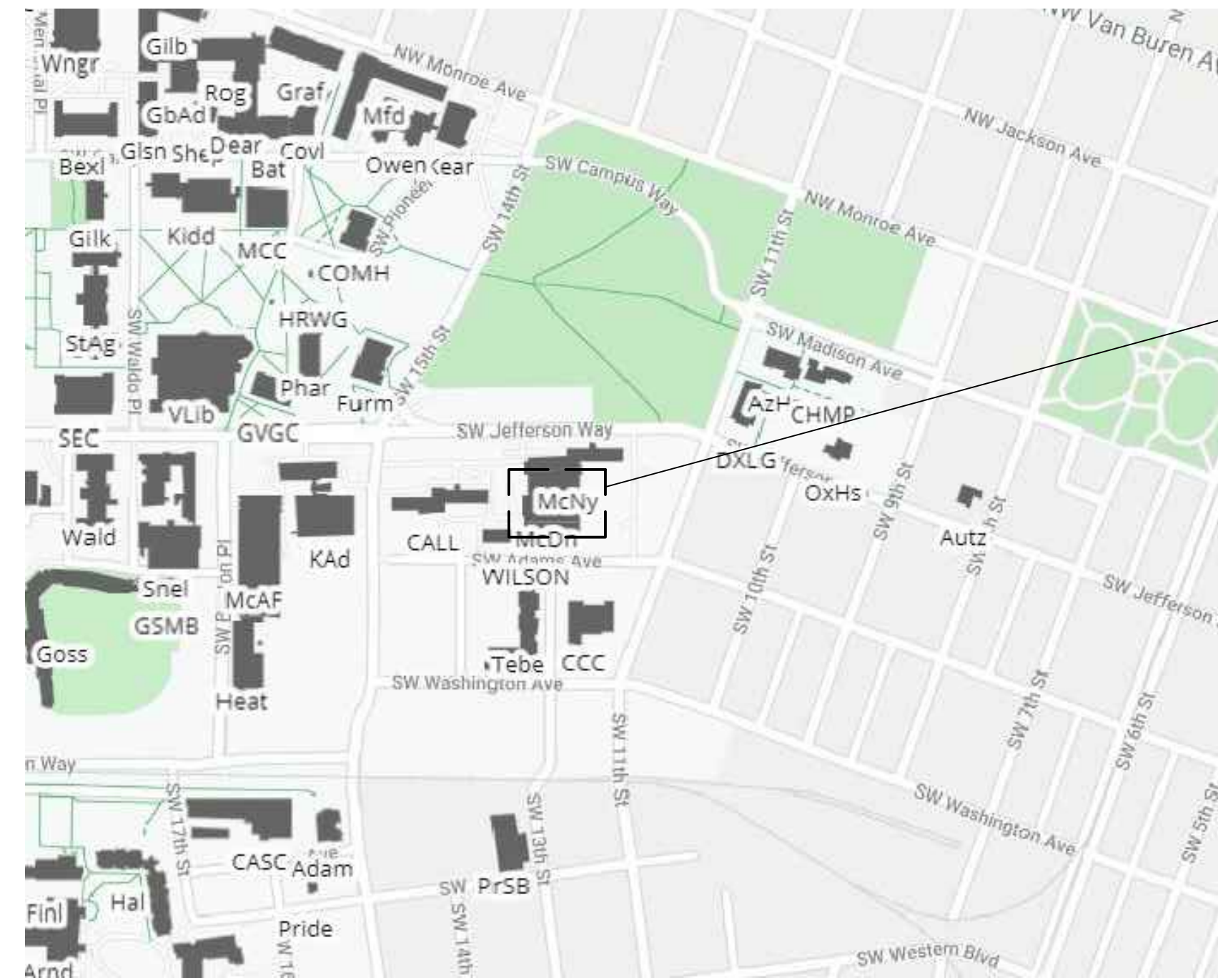
ADDITIONAL RESTROOMS ARE AVAILABLE COMPLYING WITH OSSC 2902.3.3 LOCATION OF TOILET FACILITIES: SHALL NOT BE MORE THAN 1 STORY ABOVE OR BELOW AND NOT OVER 500 FEET AWAY.

ENERGY EFFICIENCY:

(E) EXTERIOR ASSEMBLY: NO WORK

LIGHTING: (E) BLD. WORK WILL NOT INCREASE OVERALL LIGHTING POWER DENSITY.

MECHANICAL: NEW WORK TO COMPLY



PROJECT LOCATION

VICINITY MAP

NO SCALE



Oregon State University McNary Dining Hall

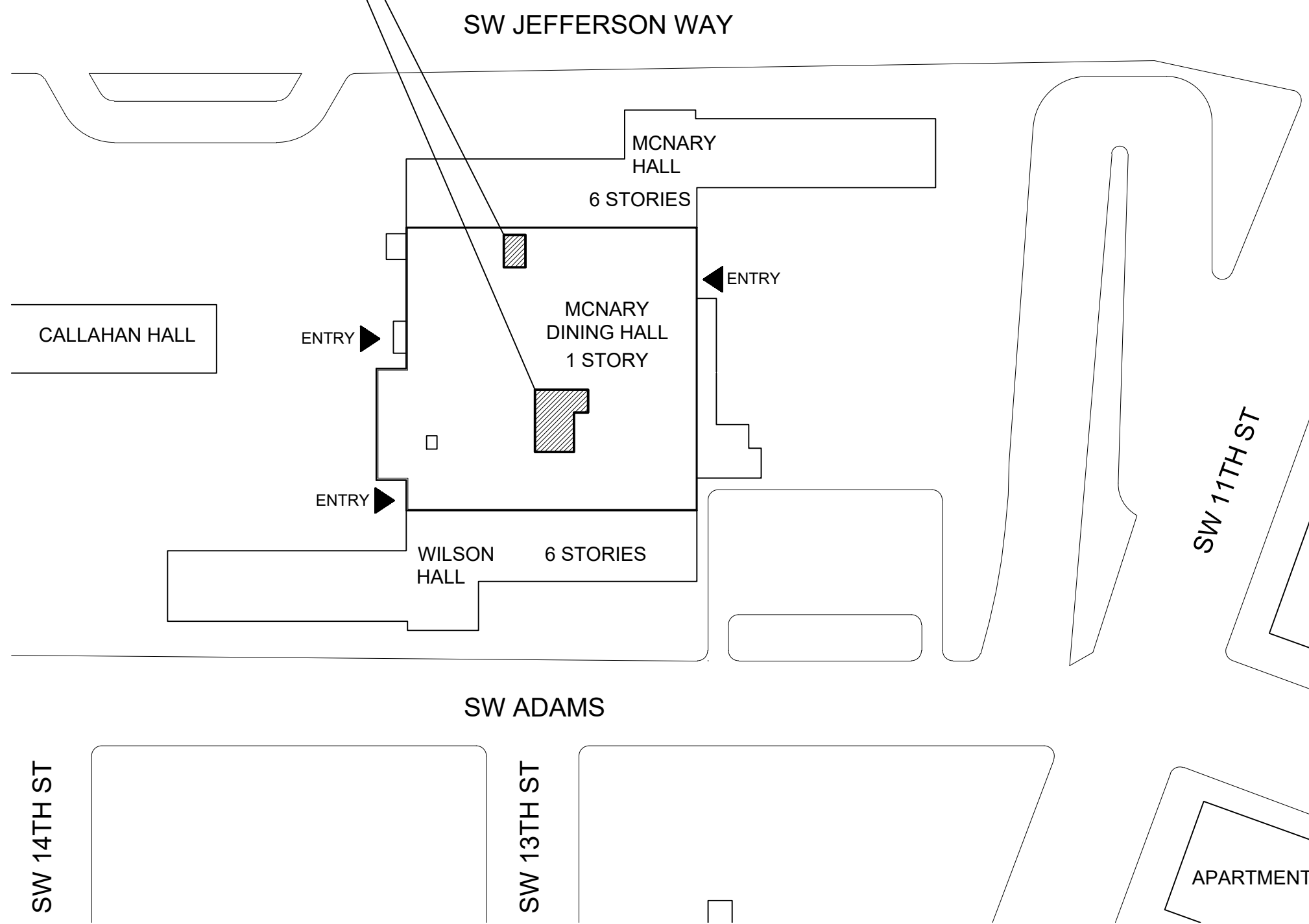
1220 SW Jefferson Way, Oregon State University

Corvallis, OR 97330

Permit - Bid Set
December 21, 2021

SCOPE OF WORK:

ALTERATION TO EXISTING INTERIOR AREAS TO CHANGE EXISTING STORAGE AREA TO NEW RESTROOMS, RENOVATE EXISTING LOCKER ROOM AND RESTROOMS, REPLACE COMMERCIAL DISHWASHER, ADD A LACTATION ROOM INTO EXISTING ROOM. MINOR MECHANICAL WORK ON ROOF.



KEY PLAN & SCOPE OF WORK

NO SCALE



PROJECT TEAM

CLIENT
Oregon State University
Facilities Services
130 Oak Creek Building
Corvallis, Oregon 97331-2001
t. (541) 230-0802
Contact: Larrie Easterly - Engineering Manager

ARCHITECT
Waterleaf Architecture
419 SW 11th Avenue, Suite 200
Portland, Oregon 97205
t. (503) 228-7571
Contact: Brian Hjelte, Partner
Anna Wilcox, Project Architect

MECH. / PLUMBING / ELEC.
ColeBreit Consulting Engineers
2021 NW Grant Avenue
Corvallis, Oregon 97330
t. (541) 728-3293
Contact: Adam Boyd - Mechanical Engineer

Oregon State University
University Housing & Dining Services
102 Buxton Hall
Corvallis, Oregon 97331-1317
t. (541) 737-0683
Contact: Patrick Robinson

DRAWING LIST

ARCHITECTURAL
A0.0 KEY PLAN & SCOPE OF WORK / VICINITY MAP / INDEX
A0.1 OVERALL 1ST FLOOR PLAN
A0.2 OVERALL ROOF PLAN
A0.3 BASEMENT REFERENCE PLAN
A1.1 DEMO PLAN - RESTROOM AND LOCKER
A1.2 DEMO PLAN - DISHWASHING ROOM
A1.3 DEMO PLAN - DINING ROOM
A2.1 NEW PLAN - RESTROOM AND LOCKER
A2.2 NEW PLAN - LACTATION AND DISHWASHING ROOMS
A2.3 NEW PLAN - DINING ROOM
A5.1 FINISH PLANS
A6.1 REFLECTED CEILING PLANS
A7.1 INTERIOR ELEVATIONS
A7.2 INTERIOR ELEVATIONS & DETAILS
A7.3 PARTITION, DOOR, FINISH SCHEDULES

MECHANICAL
M0.1 MECHANICAL LEGEND
M0.2 MECHANICAL SCHEDULES
M2.1 FLOOR PLANS - HVAC
M3.1 MECHANICAL DETAILS

PLUMBING
P0.1 PLUMBING LEGEND
P2.1 FLOOR PLAN - WASTE
P3.1 FLOOR PLAN - WATER

ELECTRICAL
E0.1 ELECTRICAL - LEGEND AND LUMINAIRE SCHEDULE
E2.1 ELECTRICAL - FLOOR PLAN - LIGHTING
E3.1 ELECTRICAL - FLOOR PLAN - POWER
E4.1 ELECTRICAL - ONE-LINE DIAGRAM

SYMBOL LEGEND

- EXISTING WALL TO REMAIN
- PROPOSED NEW WALL
- EXISTING ILLUMINATED EXIT SIGN TO REMAIN
- AREA OF WORK

OCCUPANCY TYPE	B	100 /GSF	OCCUPANCY LOAD FACTOR
AREA	710 GSF	OCC. 7	OCCUPANCY COUNT

OCCUPANCY COUNT

DINING 'A-2' OCCUPANCY (UNCONCENTRATED TABLES AND CHAIRS):
 $44+37+26+107+85+62+73+61+172=$
 667 OCCUPANTS

MAIN KITCHEN 'A-2' OCCUPANCY =
 $5+27=$
 32 OCCUPANTS

RESTAURANT/ BAR/ KITCHEN 'B' OCCUPANCY:
 $3+7+1+1+5+4=$
 21 OCCUPANTS

OFFICES, CONFERENCE RM.S, EMPLOYEE DINING, LACT. RM., LOCKERS 'B' OCCUPANCY:
 $2+2+21+30+12+1+6=$
 74 OCCUPANTS

STORAGE RM.S, STEREO, JANITOR, CAN CRUSHING 'S-1' OCCUPANCY:
 $1+1+2+1+1=$
 6 OCCUPANTS

TOTAL = 800 OCCUPANTS

PLUMBING FIXTURE COUNT

ASSEMBLY - FOOD COURT REQ.:
 1 W.C. PER 75 MALE OCC.S, 1 W.C. PER 75 FEMALE OCCUPANTS, AND 1 LAV. PER SEX PER 200 OCC.S

TOTAL OCC.S / 2 = $667/2 = 333.5$ PER SEX
 REQ.: $333.5/75 = 4.4$ W.C. PER SEX,
 $333.5/200 = 1.7$ LAV. PER SEX

BUSINESS (ALL SPACES EXCEPT FOR DINING) REQ.:
 1 W.C. PER SEX PER 25 OCC.S FOR THE 1ST 50, AND 1 W.C. PER SEX PER 50 OCC.S FOR THE REMAINDER EXCEEDING 50, AND 1 LAV. PER SEX PER 40 OCC.S FOR THE 1ST 80, AND 1 LAV. PER SEX PER 80 OCC.S FOR THE REMAINDER EXCEEDING 80

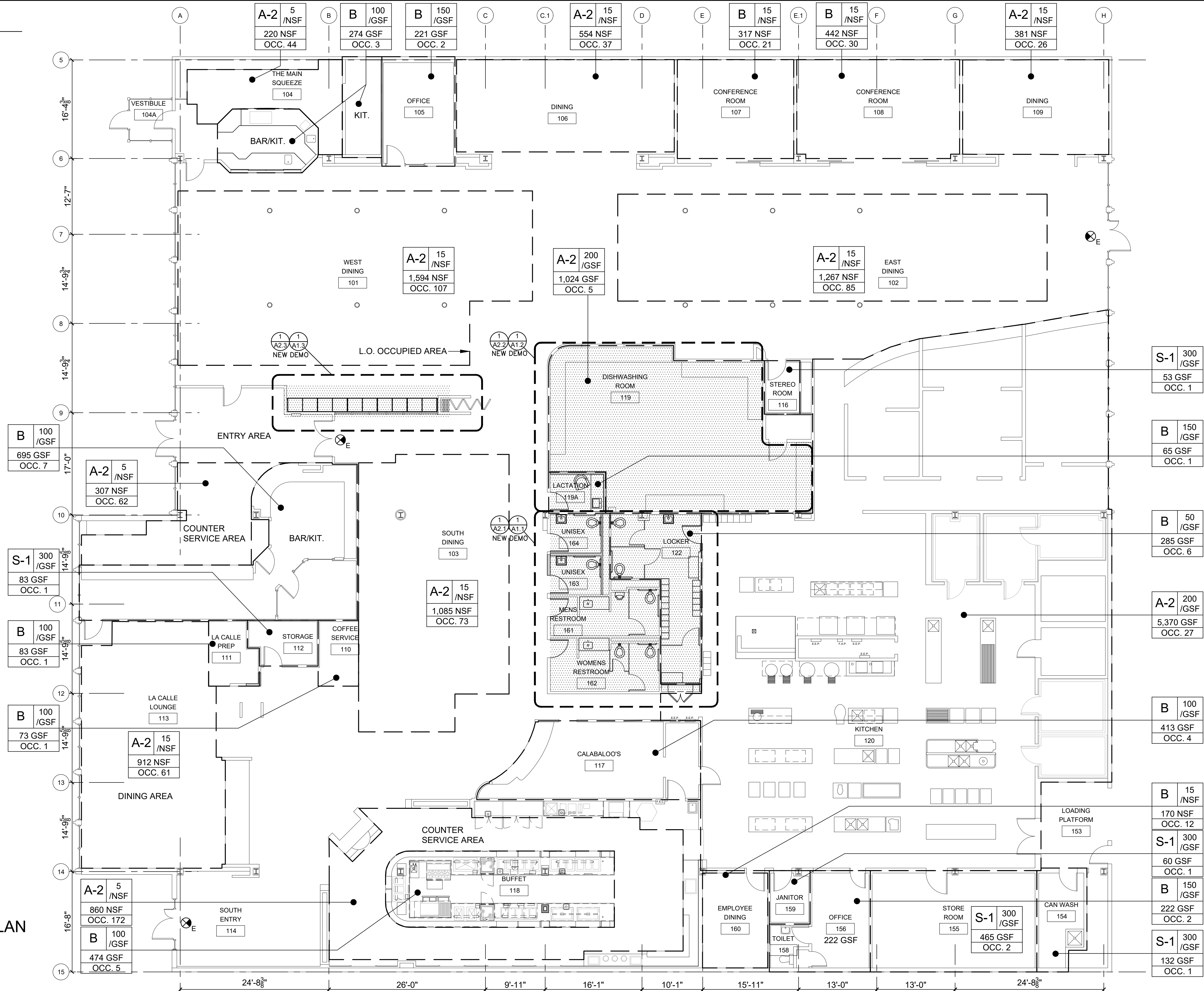
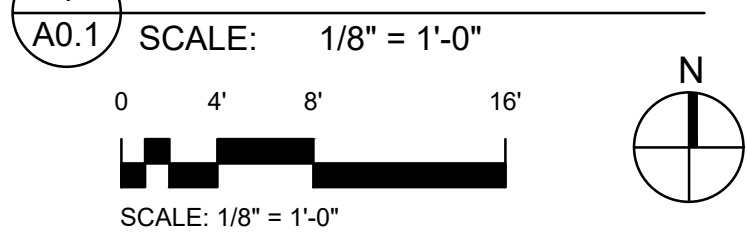
TOTAL OCC.S / 2 = $133/2 = 66.5$ PER SEX
 REQ.: $50/25 = 2$ W.C. PER SEX,
 $16/50 = 0.3$ W.C. PER SEX,
 $66.5/40 = 1.7$ LAV. PER SEX

TOTAL = $4.4+2+3 = 7$ W.C. PER SEX
 $1.7+1.7 = 4$ LAV. PER SEX

PROPOSED AFTER WORK:
 AVAILABLE TO MEN:
 1 MEN'S RESTROOM W/ 1 LAV., 1 URINAL, 1 W.C.
 3 UNISEX RESTROOMS EA. W/ 1 LAV., 1 W.C.
 1 UNISEX LOCKER RM. W/ 1 LAV., 2 W.C.S

AVAILABLE TO WOMEN:
 1 WOMEN'S RESTROOM W/ 1 LAV., 2 W.C.S
 3 UNISEX RESTROOMS EA. W/ 1 LAV., 1 W.C.
 1 UNISEX LOCKER RM. W/ 1 LAV., 2 W.C.S

OVERALL 1ST FL. PLAN



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OVERALL PLAN

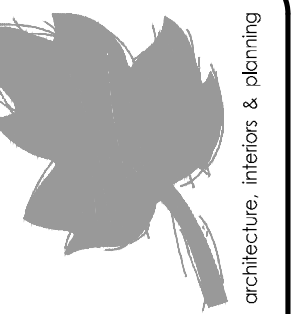


SCALE: 1/4" = 1'-0"

DRAWING DATE
 12-21-2021

SHEET NO.
A0.1

DRAWN BY: AW



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OVERALL ROOF
PLAN



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

DRAWING DATE

SHEET NO.

A0.2

DRAWN BY: AW

SYMBOL LEGEND

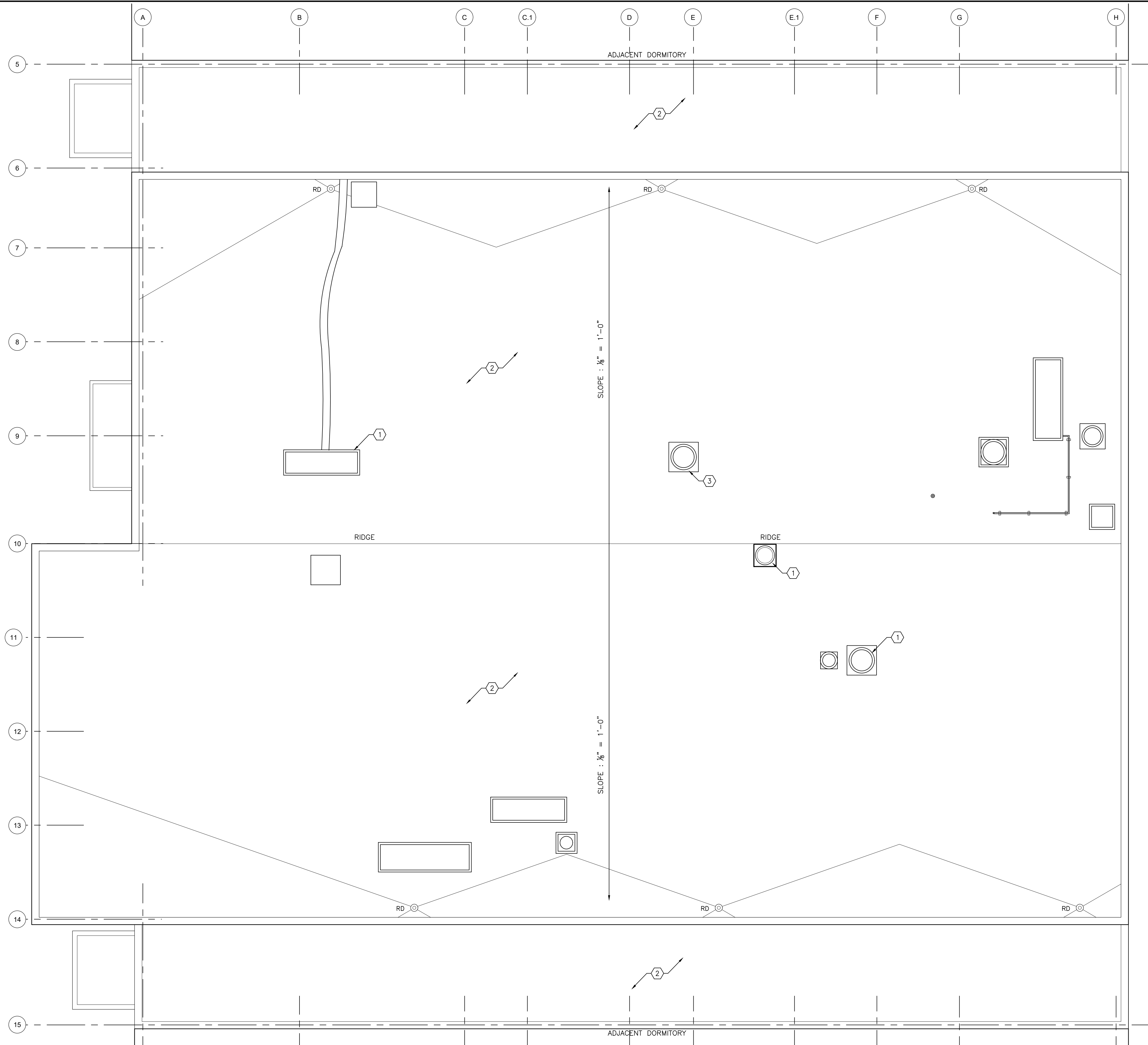
AREA OF WORK

GENERAL NOTES - ROOF PLAN:

1. ALL NEW ROOF CONSTRUCTION IS TO BE COMPLETED WITH THE MINIMUM 14" VERTICAL SURFACE FOR FUTURE ROOF SYSTEM REPLACEMENT

KEYED NOTES: (X)

- (1) EXISTING MECHANICAL SYSTEMS
- (2) BUILT-UP ROOF SYSTEMS
- (3) REPLACE (E) MECHANICAL EXHAUST FAN UNIT W/ NEW IN SAME PLACE



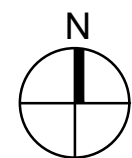
NOTE: FIELD VERIFY INFORMATION SHOWN ON THIS PLAN

1 OVERALL ROOF PLAN

A0.2 1/8" = 1'-0"



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





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BASEMENT
REFERENCE
PLAN

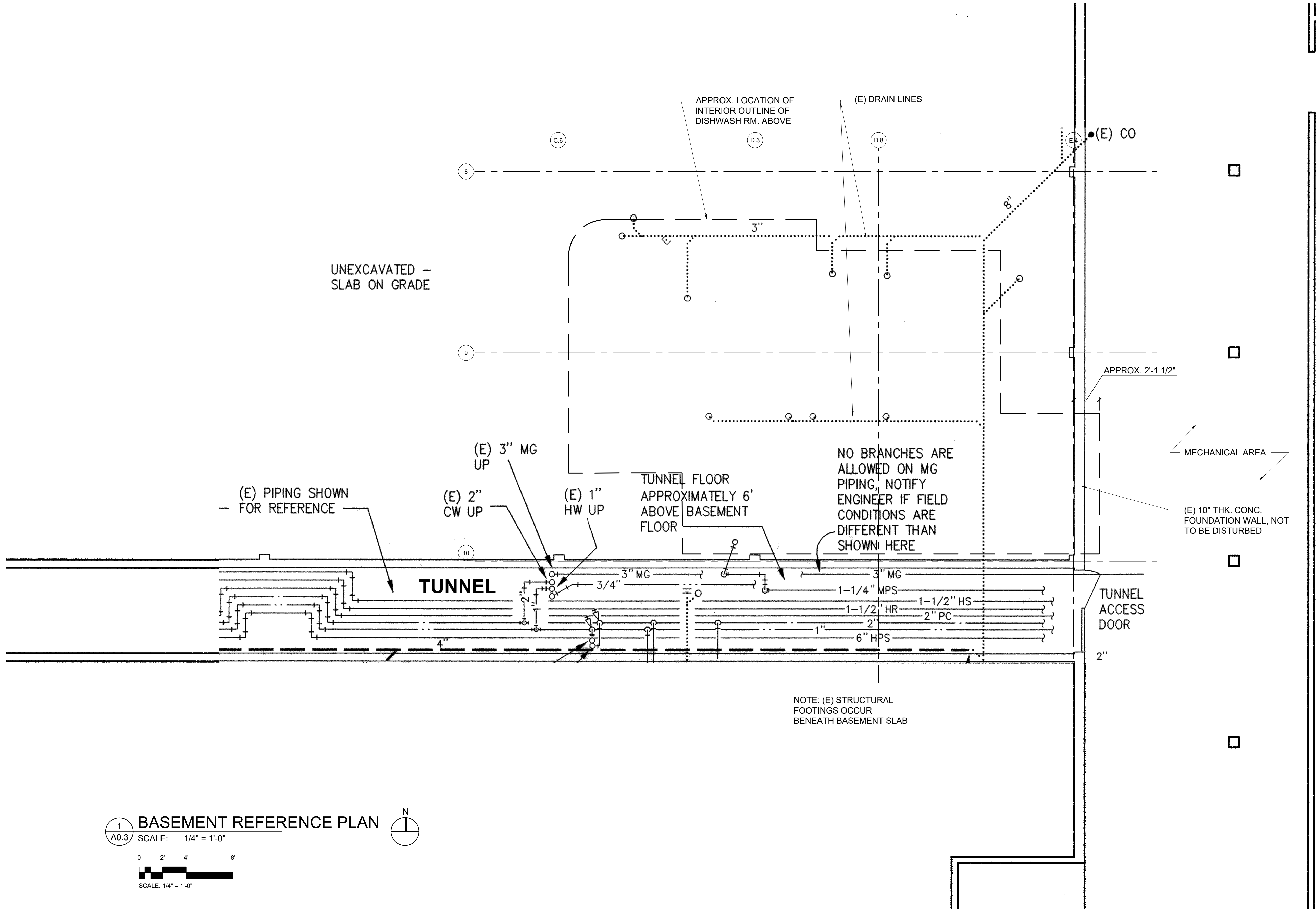


SCALE: 1/2" = 1'-0"

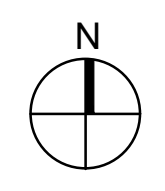
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12-21-2021

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A0.3

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1 BASEMENT REFERENCE PLAN
A0.3 SCALE: 1/4" = 1'-0"
0 2' 4' 8'
SCALE: 1/4" = 1'-0"





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PERMIT - BID
SET

DEMO PLAN -
RESTROOM AND
LOCKER



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

DRAWING DATE
12-21-2021

SHEET NO.
A1.1

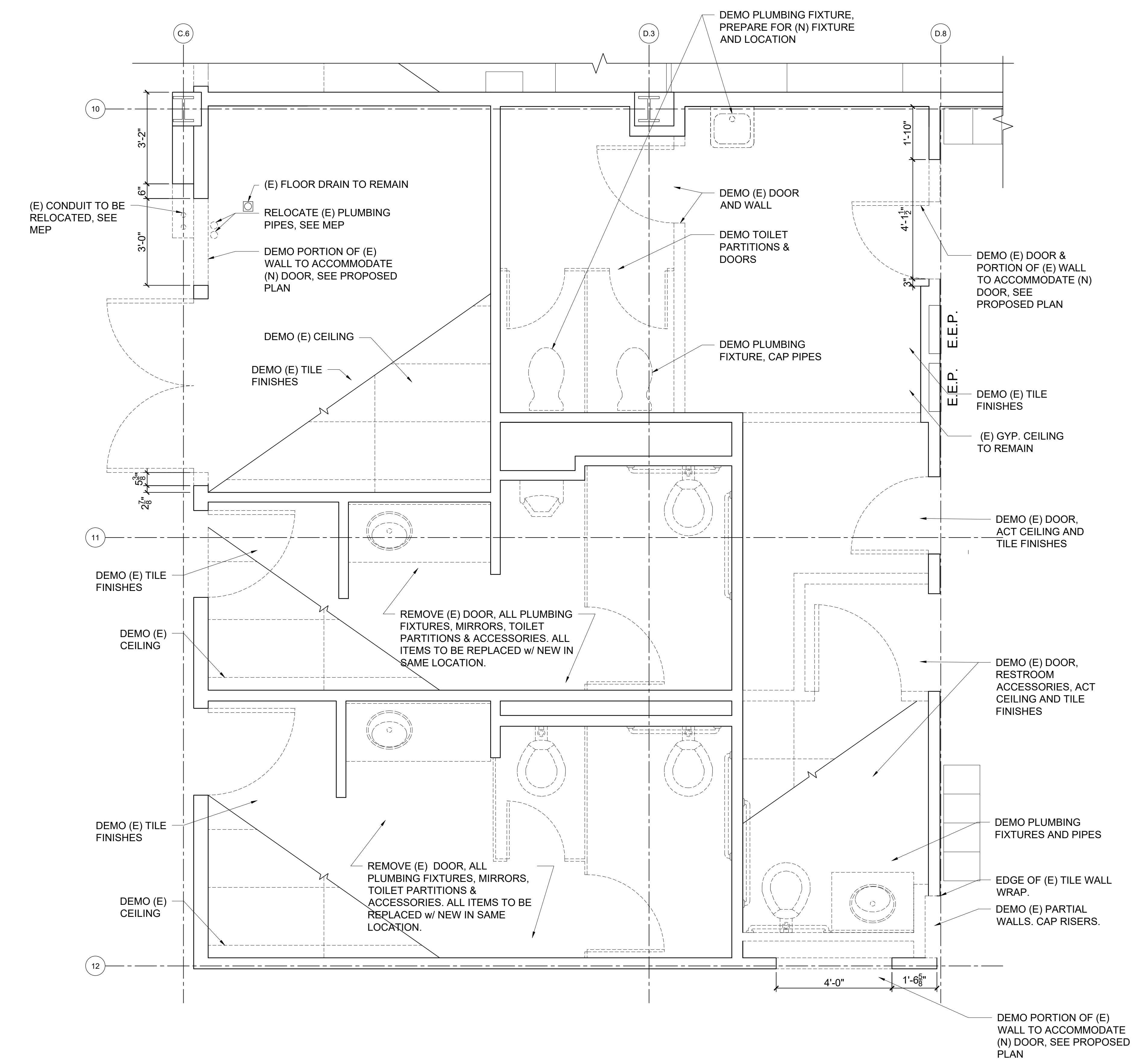
DRAWN BY: AW

GENERAL NOTES

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE SURFACES TO RECEIVE NEW FINISHES, PATCH ALL HOLES, DINGS, ETC.
2. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO REMOVE ALL ITEMS THAT ARE NOT INCLUDED IN THE FINAL DESIGN.
3. PROTECT AND PRESERVE ALL EXISTING STRUCTURE, SYSTEMS, MATERIALS, ETC. NOT ASSOCIATED WITH THE AREA OF WORK.
4. SEE PROJECT MANUAL SPECIFICATIONS FOR ADDITIONAL INFORMATION.

LEGEND

- EXISTING TO REMAIN
- EXISTING TO BE REMOVED
- REMOVE DOOR, FRAME & ASSOCIATED HARDWARE
- NOT IN SCOPE



1 DEMO RESTROOM AND LOCKER PLAN
A1.1 SCALE: 1/2" = 1'-0"



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DEMO PLAN -
DISHWASHING
ROOM



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

DRAWING DATE
12-21-2021

SHEET NO.
A1.2

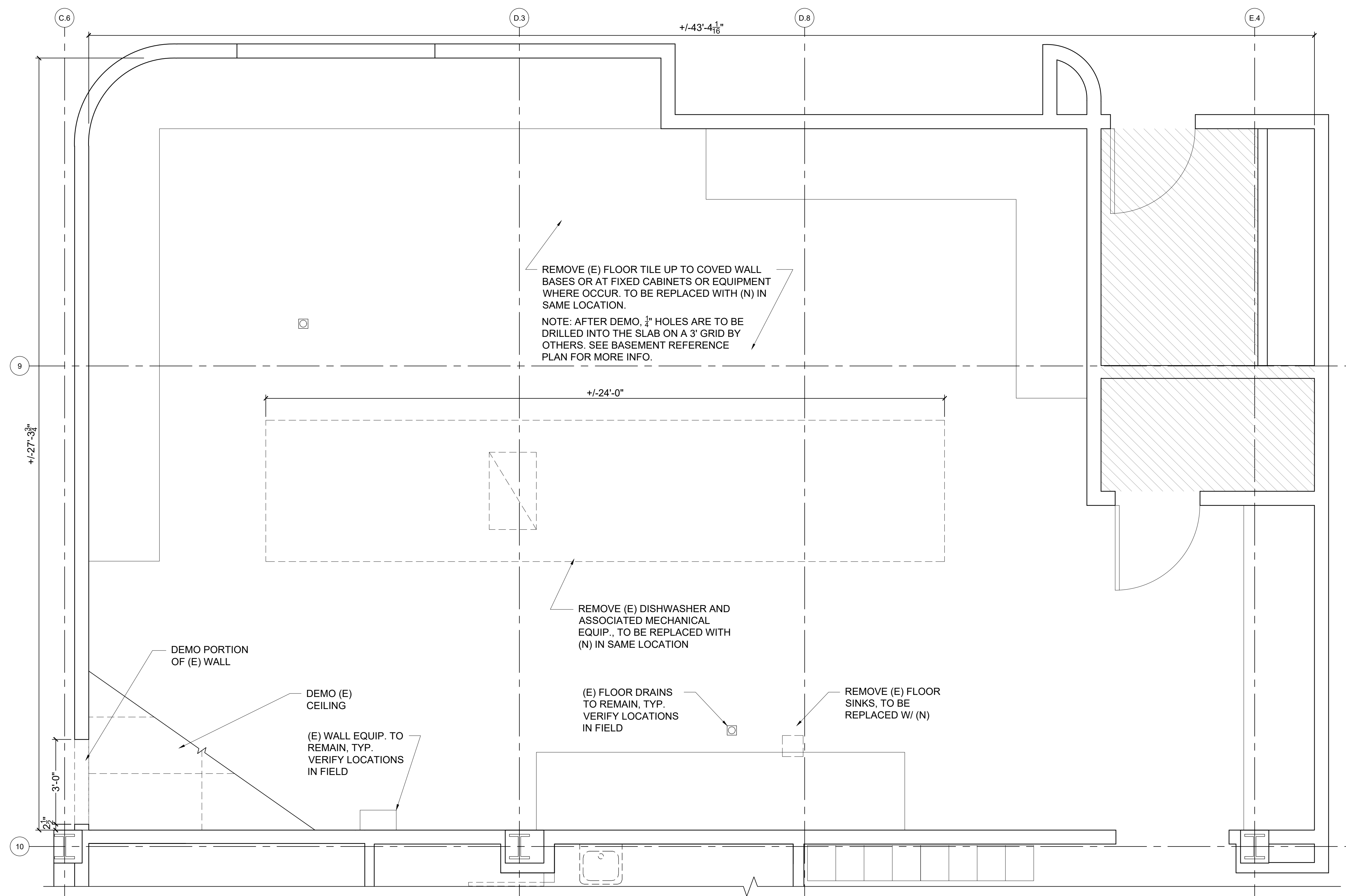
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GENERAL NOTES

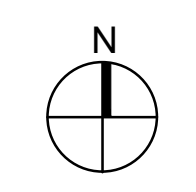
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LEGEND

- EXISTING TO REMAIN
- EXISTING TO BE REMOVED
- REMOVE DOOR, FRAME & ASSOCIATED HARDWARE
- NOT IN SCOPE



1 DEMO DISHWASHING RM. PLAN
A1.2 SCALE: 1/2" = 1'-0"





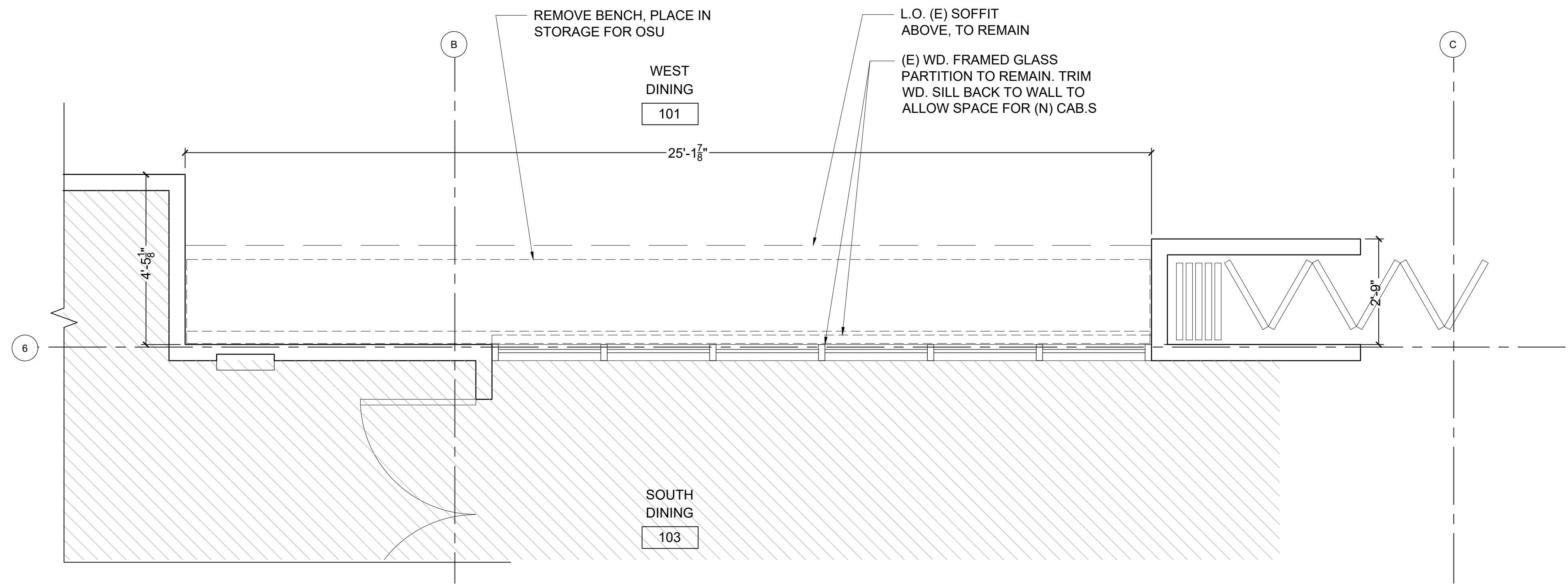
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LEGEND

- EXISTING TO REMAIN
- EXISTING TO BE REMOVED
- REMOVE DOOR, FRAME & ASSOCIATED HARDWARE
- NOT IN SCOPE



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RESTROOM

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SET

DEMO PLAN -
DINING ROOM

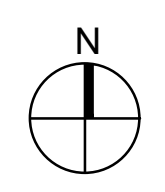


SCALE: 1/2" = 1'-0"

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SHEET NO.
A1.3

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PERMIT - BID
SET

NEW PLAN -
RESTROOM AND
LOCKER



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

DRAWING DATE
12-21-2021

SHEET NO.
A2.1

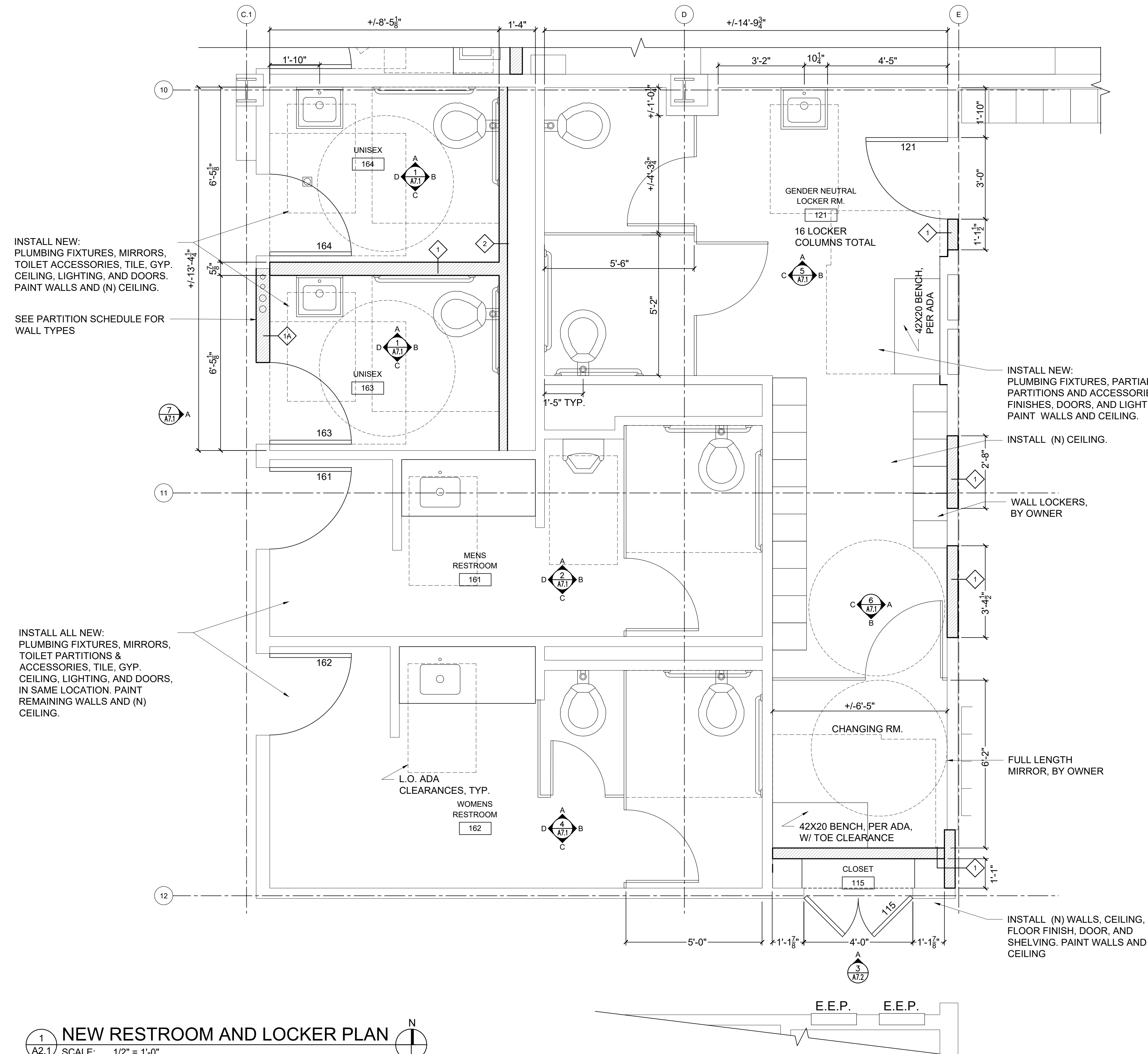
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LEGEND

- EXISTING WALL TO REMAIN
- NEW WALL
- NEW DOOR
- NOT IN SCOPE



INSTALL NEW:
PLUMBING FIXTURES, MIRRORS,
TOILET ACCESSORIES, TILE, GYP.
CEILING, LIGHTING, AND DOORS.
PAINT WALLS AND (N) CEILING.

SEE PARTITION SCHEDULE FOR
WALL TYPES

INSTALL ALL NEW:
PLUMBING FIXTURES, MIRRORS,
TOILET PARTITIONS &
ACCESSORIES, TILE, GYP.
CEILING, LIGHTING, AND DOORS,
IN SAME LOCATION. PAINT
REMAINING WALLS AND (N)
CEILING.

INSTALL NEW:
PLUMBING FIXTURES, PARTIAL WALL,
PARTITIONS AND ACCESSORIES,
FINISHES, DOORS, AND LIGHTING.
PAINT WALLS AND CEILING.

INSTALL (N) CEILING.

WALL LOCKERS,
BY OWNER

FULL LENGTH
MIRROR, BY OWNER

INSTALL (N) WALLS, CEILING,
FLOOR FINISH, DOOR, AND
SHELVING. PAINT WALLS AND
CEILING

1 NEW RESTROOM AND LOCKER PLAN
SCALE: 1/2" = 1'-0"

E.E.P. E.E.P.



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SET

NEW PLAN -
LACTATION AND
DISHWASHING
ROOMS



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

DRAWING DATE
12-21-2021

SHEET NO.
A2.2

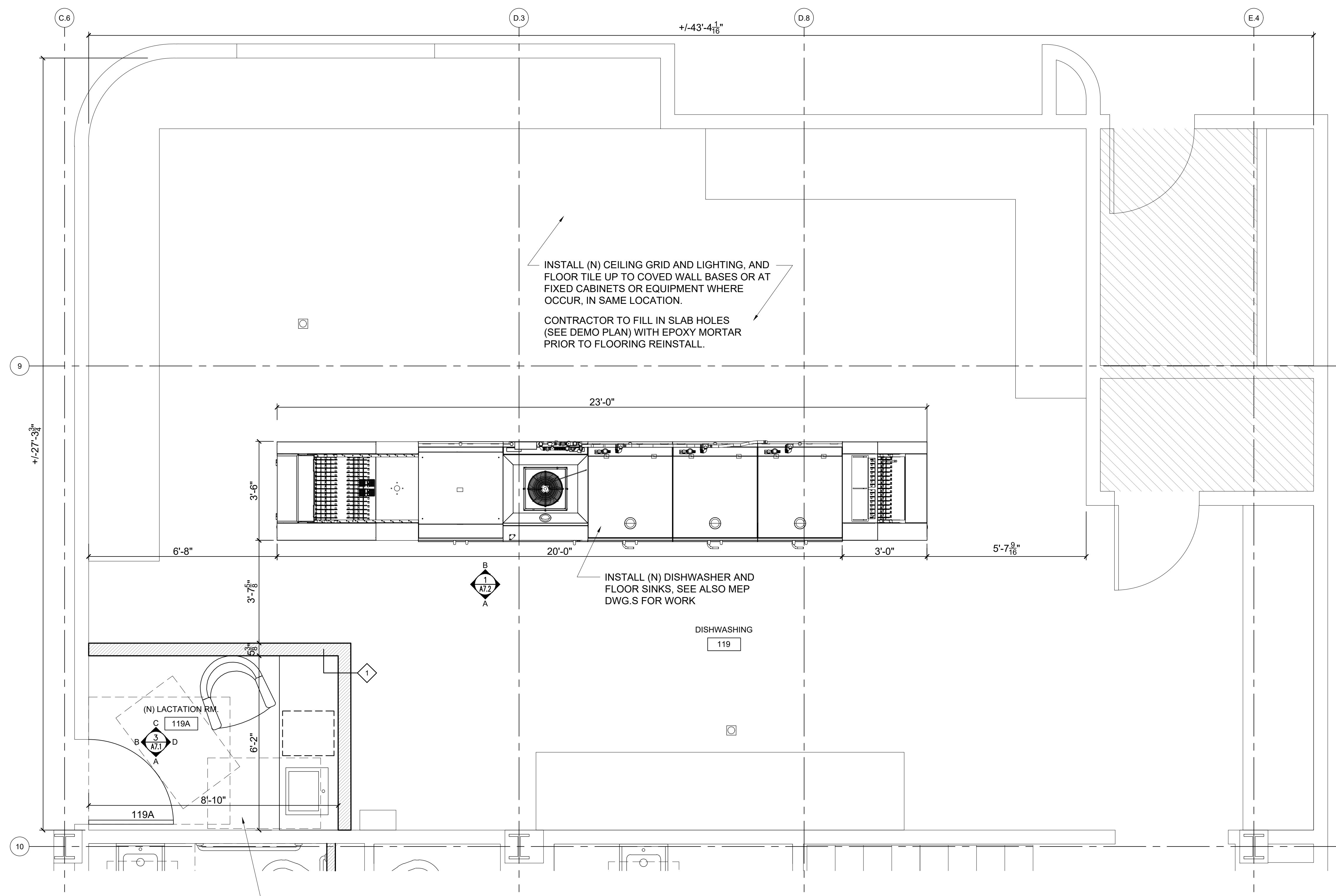
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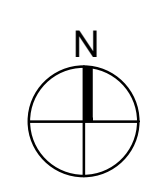
LEGEND

- EXISTING WALL TO REMAIN
- NEW WALL
- NEW DOOR
- NOT IN SCOPE



INSTALL NEW:
GYP. PARTITIONS, SINK AND
COUNTER, GYP. CEILING, LIGHTING,
OUTLETS, FINISHES AND DOOR.
PAINT WALLS AND CEILING.

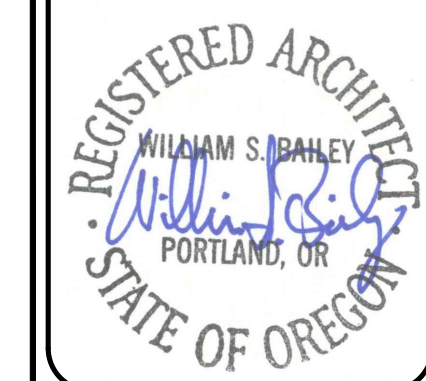
1 NEW LACTATION AND DISHWASHING RM. PLAN
A1.2 SCALE: 1/2" = 1'-0"





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SET
NEW PLAN -
DINING ROOM



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

DRAWING DATE
12-21-2021

SHEET NO.

A2.2

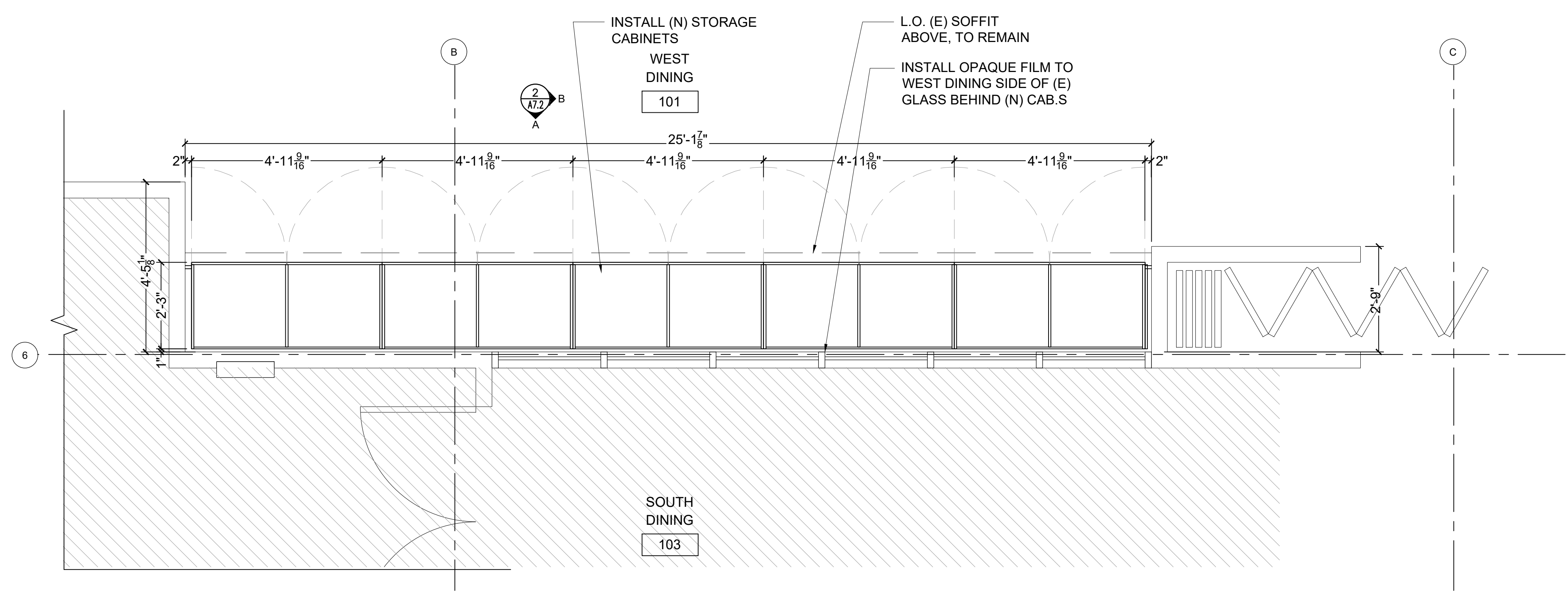
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LEGEND

- EXISTING WALL TO REMAIN
- NEW WALL
- NEW DOOR
- NOT IN SCOPE



NEW STORAGE AND DINING ROOM PLAN
SCALE: 1/2" = 1'-0"



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FINISH PLANS



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

DRAWING DATE
12-21-2021

SHEET NO.


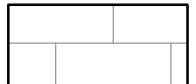

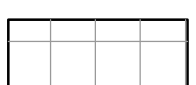

A5.1

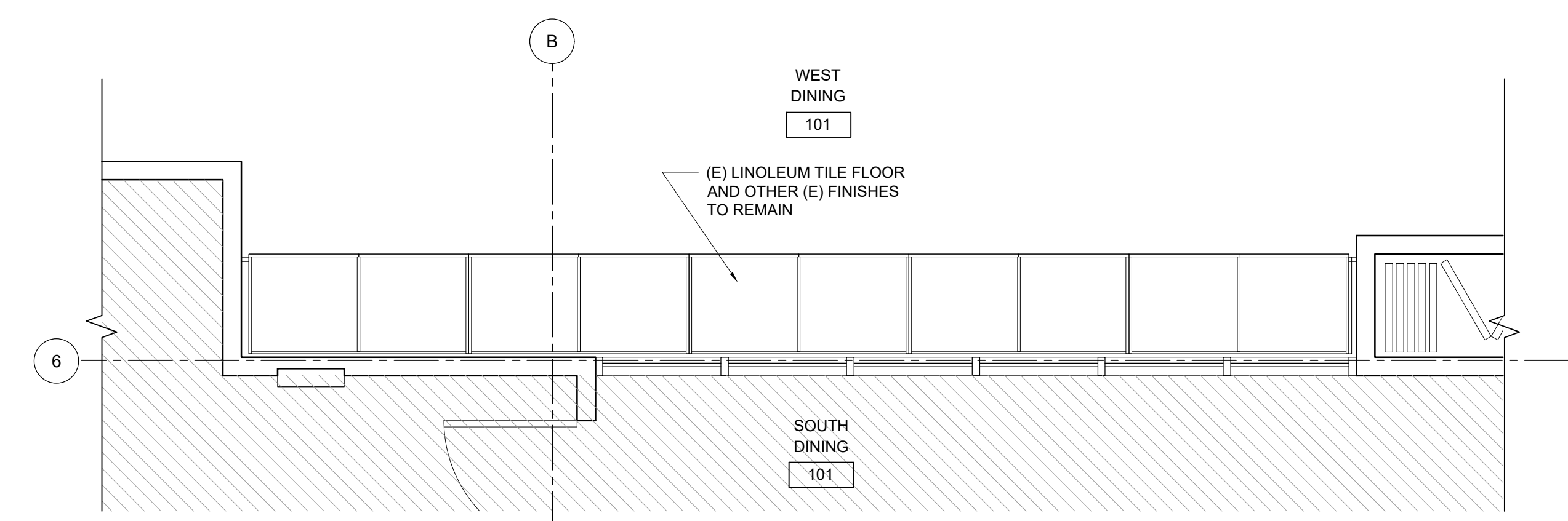
DRAWN BY: HS

GENERAL NOTES

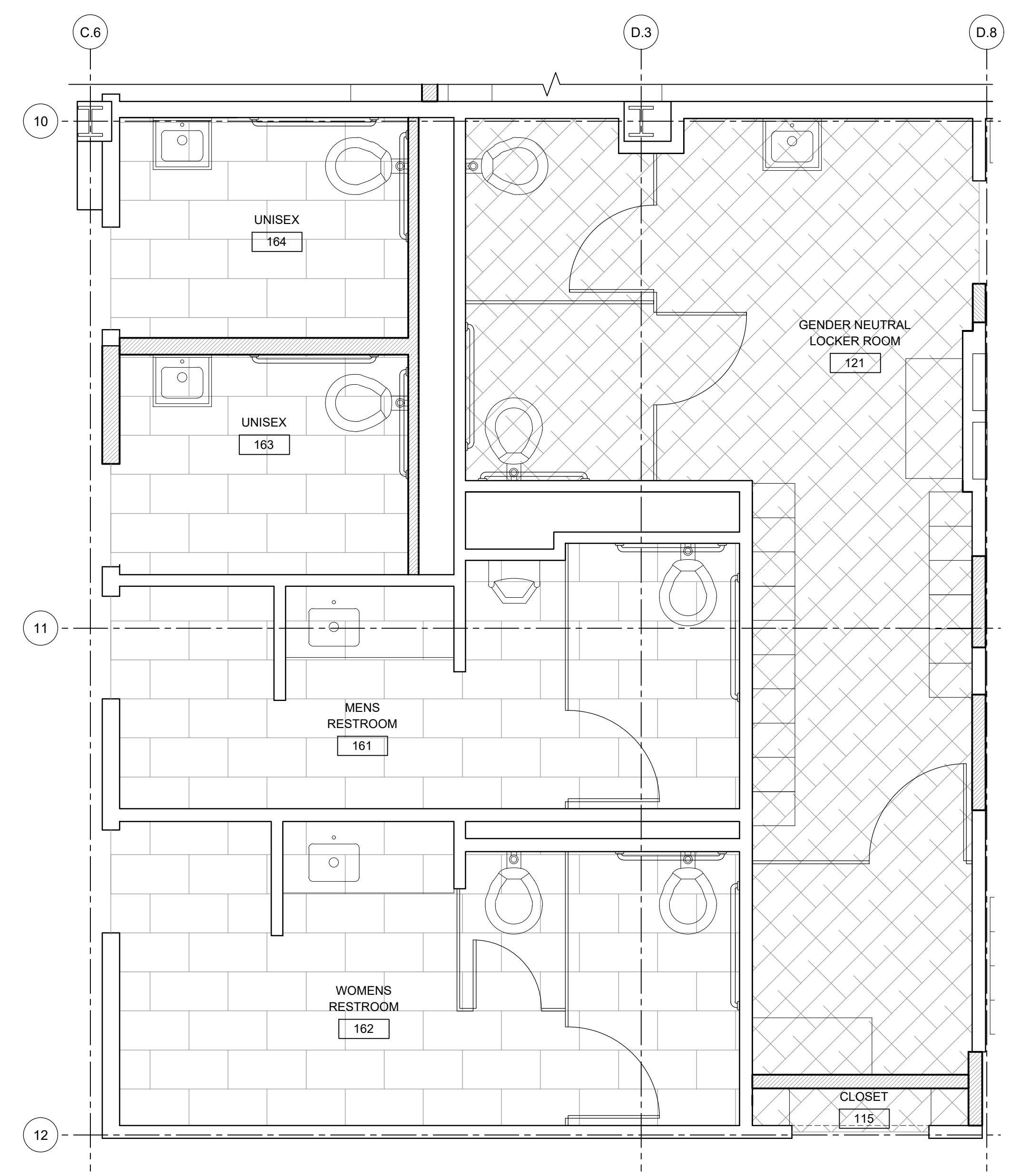
1. SEE FINISH SCHEDULE FOR MATERIALS.
2. ALL WALLS TO BE PAINTED P-1 UNLESS OTHERWISE NOTED ON THIS PLAN OR THE FINISH SCHEDULE.
3. TRANSITION FLOOR FINISHES AT CENTERLINE OF DOORS.

LEGEND - FINISH PLAN

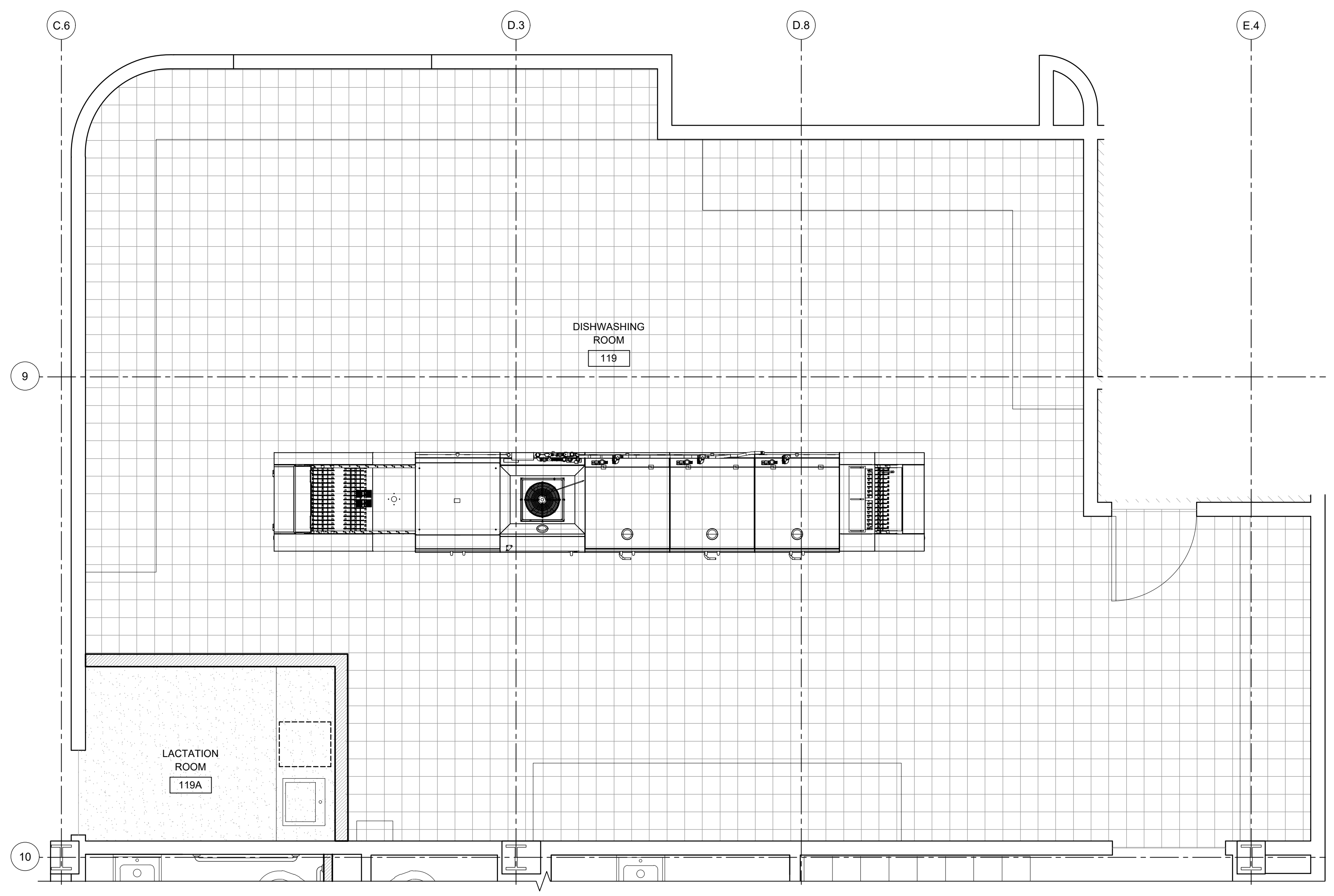
-  NOT IN SCOPE
-  CT-1 CERAMIC TILE
-  SV - RESILIENT SHEET VINYL
-  QT-1 - QUARRY TILE
-  LVT - LUXURY VINYL



3 WEST DINING RM. FINISH PLAN
A6.1 SCALE: 3/8" = 1'-0"



1 RESTROOMS AND LOCKER FINISH PLAN
A6.1 SCALE: 3/8" = 1'-0"



2 LACTATION AND DISHWASHING RM. FINISH PLAN
A6.1 SCALE: 3/8" = 1'-0"



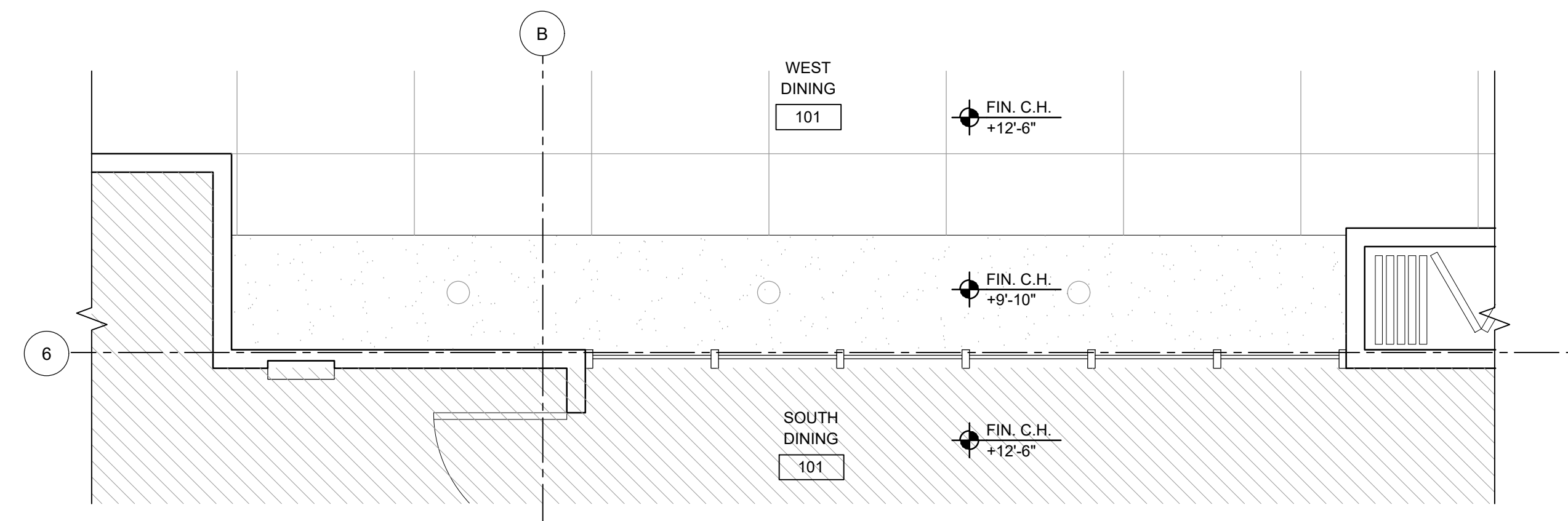
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REFLECTED
CEILING PLANS



SCALE: 1/2" = 1'-0"
DRAWING DATE
12-21-2021
SHEET NO.
A6.1
DRAWN BY: AW



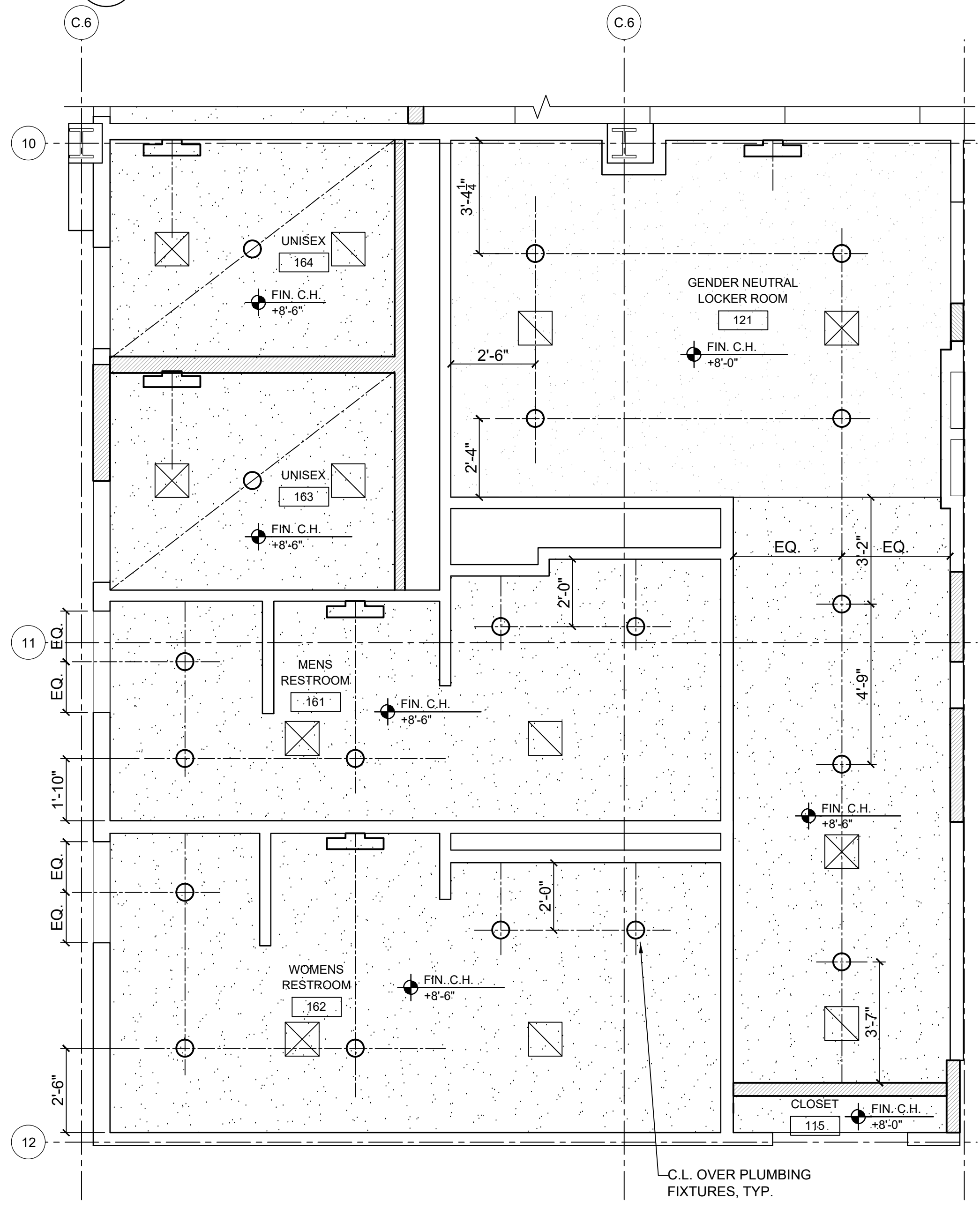
3 WEST DINING RM. FINISH PLAN
A6.1 SCALE: 3/8" = 1'-0"

GENERAL NOTES

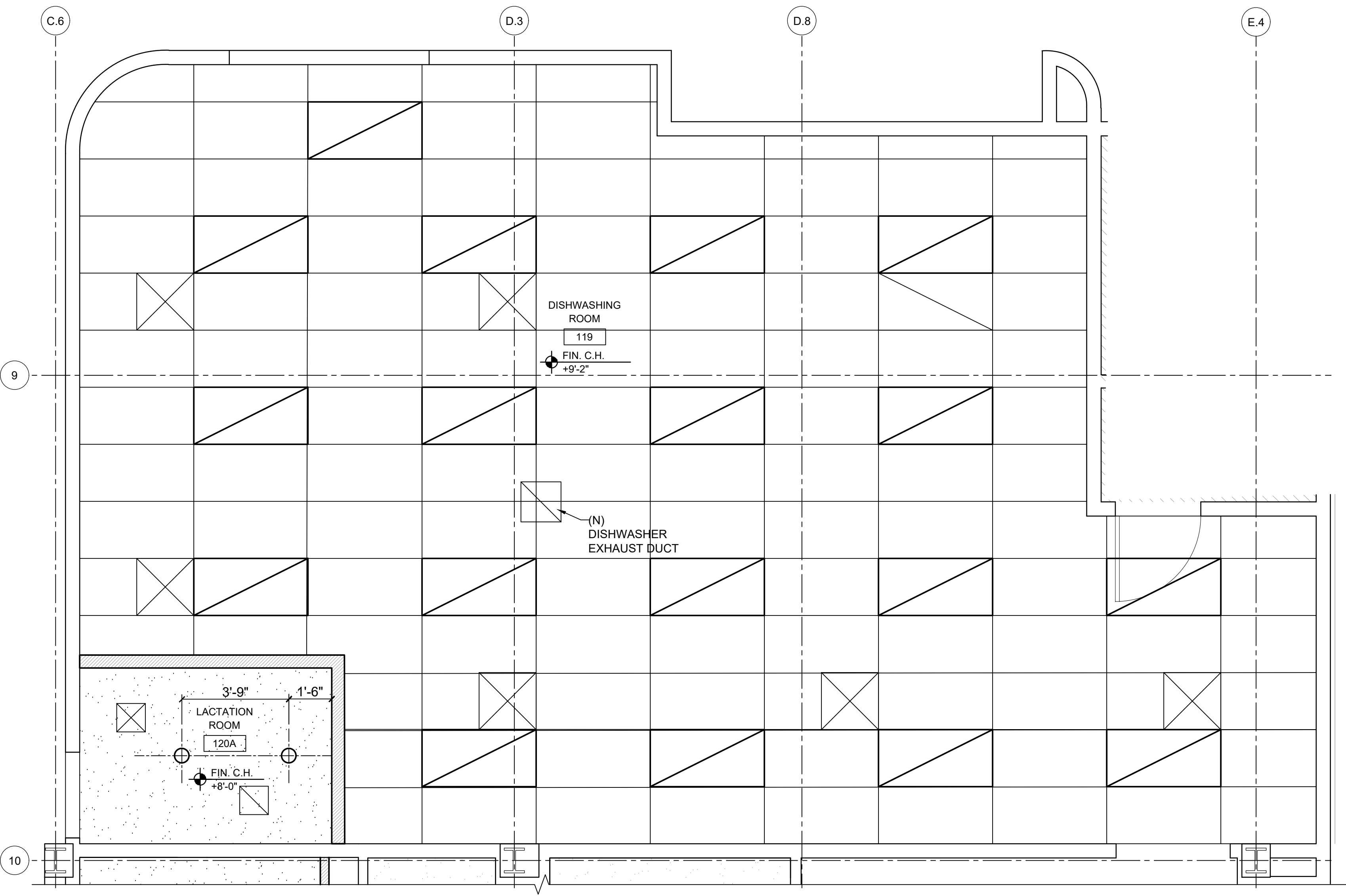
1. THE CEILING PLAN AS SHOWN IS FOR GENERAL INTENT ONLY. CONTRACTOR TO VERIFY CONDITIONS & REVIEW COORDINATION ISSUES WITH ARCHITECT PRIOR TO CONSTRUCTION.
2. HVAC, ELECTRICAL POWER/SIGNAL & FIRE SYSTEMS TO REMAIN. RE-ROUTE SYSTEMS AS REQUIRED FOR HVAC & LIGHTING COORDINATION.

CEILING & LIGHTING LEGEND

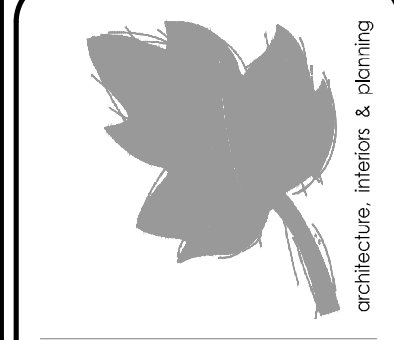
- (E) CEILING TILE TO REMAIN
- (N) ACOUSTICAL CEILING TILE (ACT-1)
- (E) GYPSUM BOARD CEILING TO REMAIN
- (N) GYPSUM BOARD CEILING
- (N) LED TROFFER LIGHT FIXTURE
- (N) LIGHT FIXTURE
- (E) RECESSED LIGHT TO REMAIN
- (N) SUPPLY GRILLE, SEE MECHANICAL (DEFERRED SUBMITTAL)
- (N) RETURN GRILLE, SEE MECHANICAL (DEFERRED SUBMITTAL)



1 RESTROOM AND LOCKER RCP
A6.1 SCALE: 3/8" = 1'-0"



2 LACTATION AND DISHWASHING RM. RCP
A6.1 SCALE: 3/8" = 1'-0"



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INTERIOR
ELEVATIONS

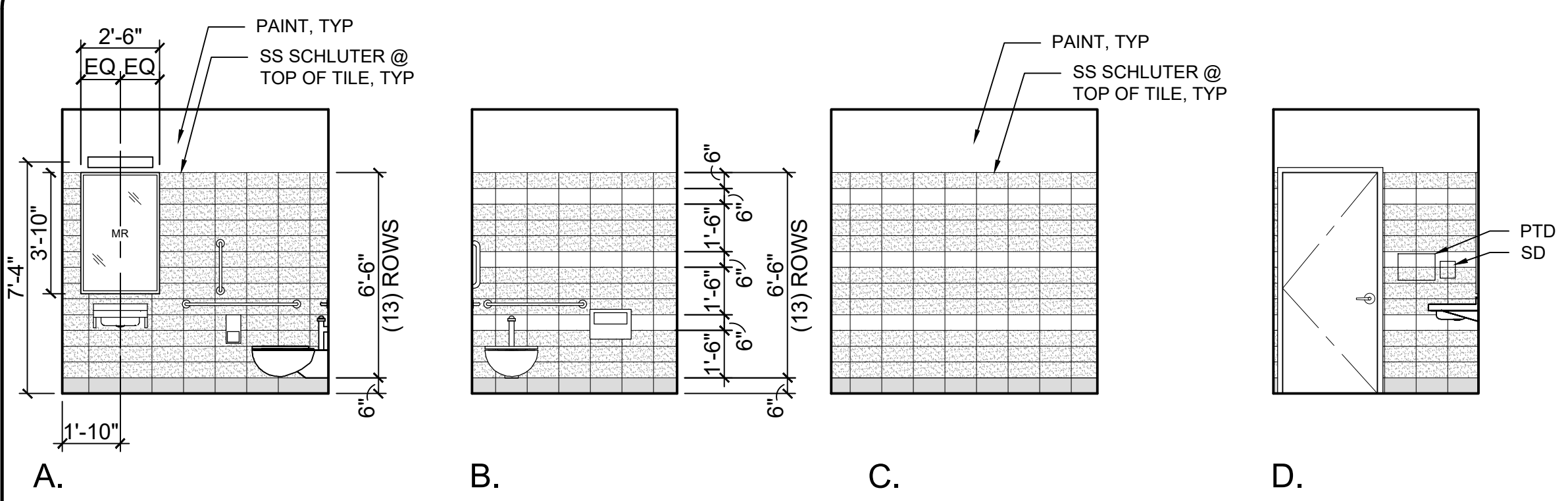


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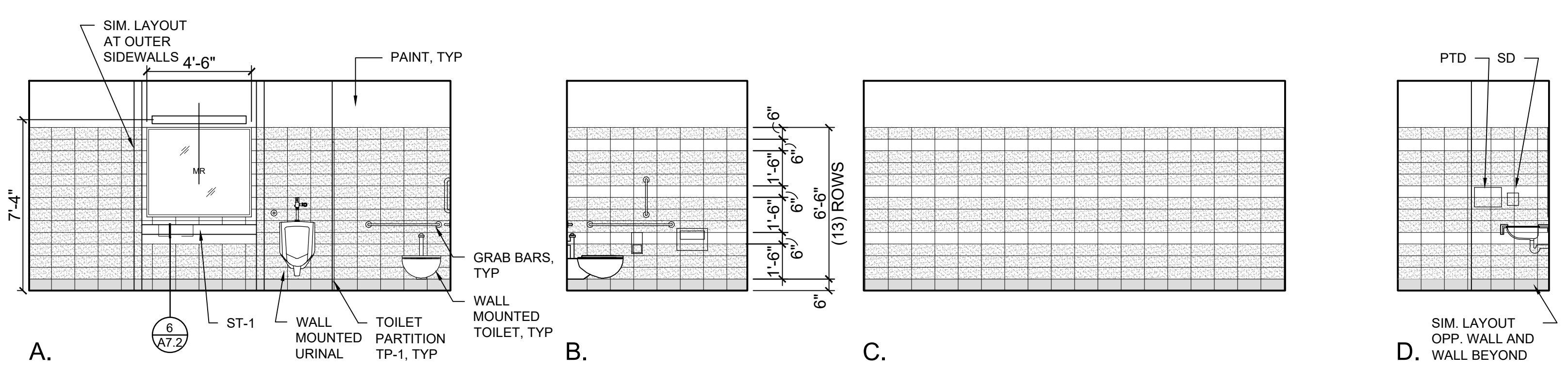
DRAWING DATE
12-21-2021

SHEET NO.
A7.1

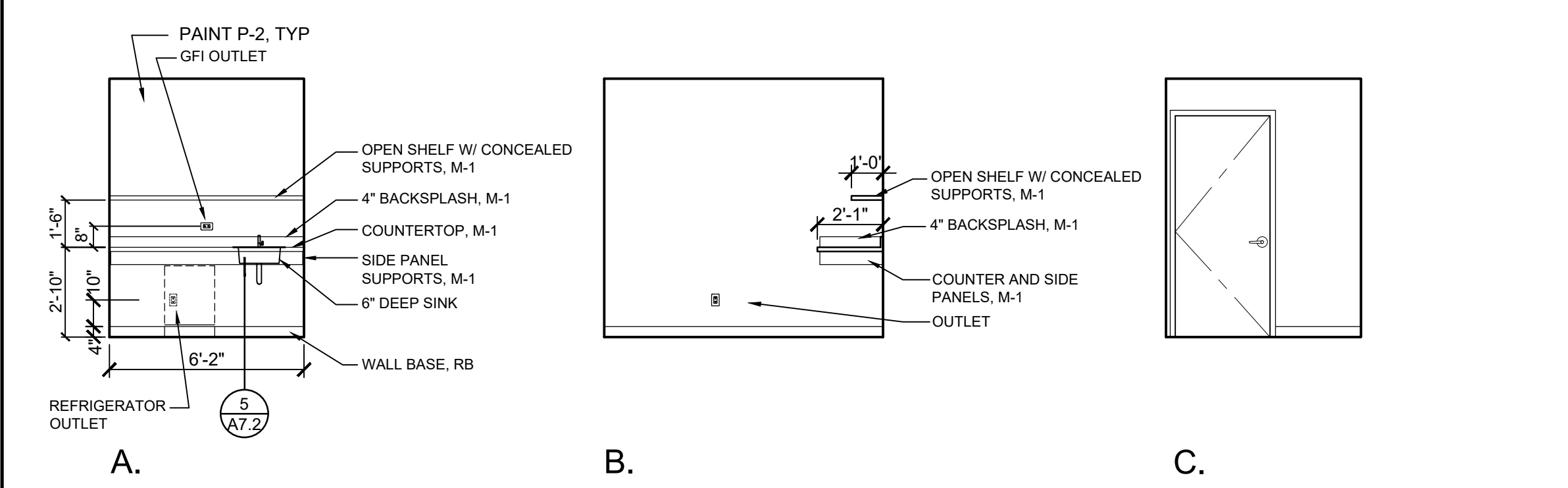
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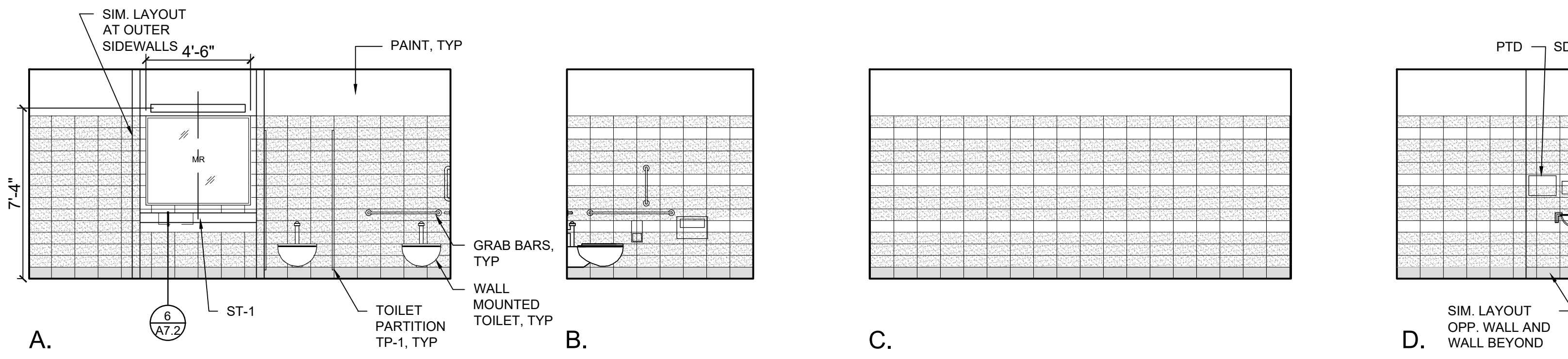
1 UNISEX (163 AND 164)
A7.1 SCALE: 1/4" = 1'-0"



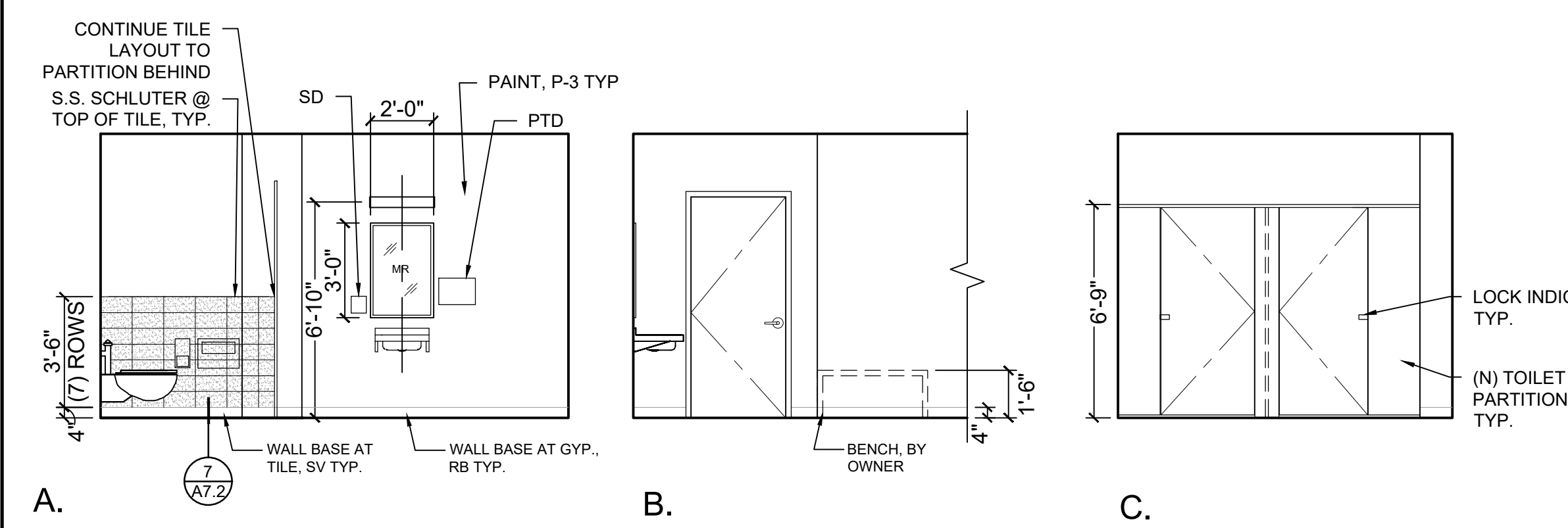
2 MENS RESTROOM (161)
A7.1 SCALE: 1/4" = 1'-0"



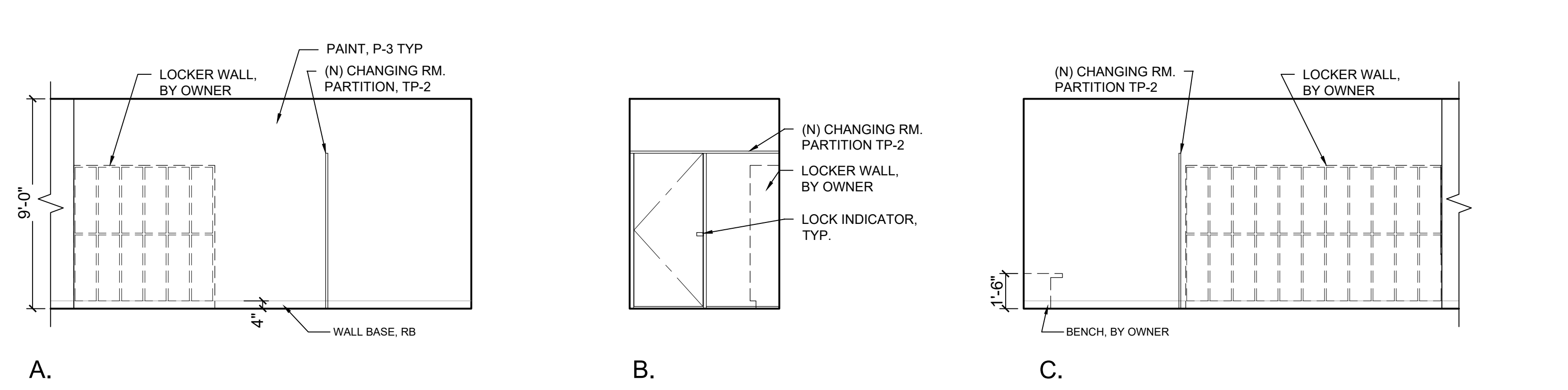
3 LACTATION RM (119A)
A7.1 SCALE: 1/4" = 1'-0"



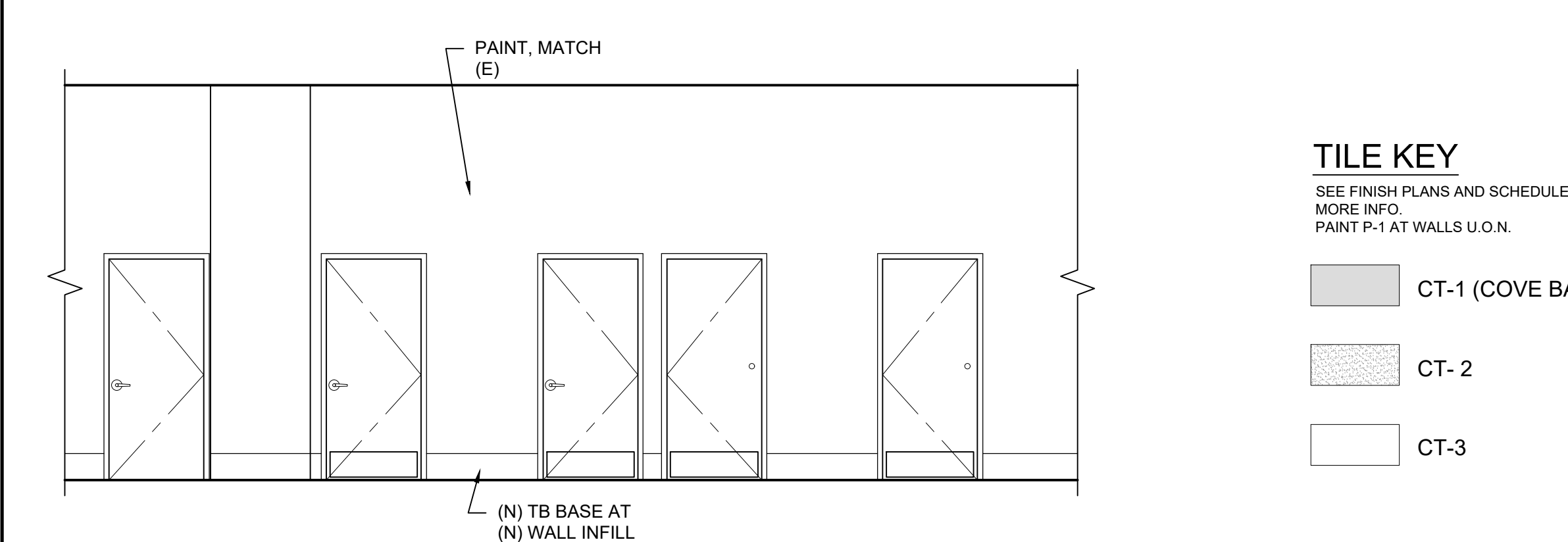
4 WOMENS RESTROOM (162)
A7.1 SCALE: 1/4" = 1'-0"



5 GENDER NEUTRAL LOCKER ROOM (121)
A7.1 SCALE: 1/4" = 1'-0"



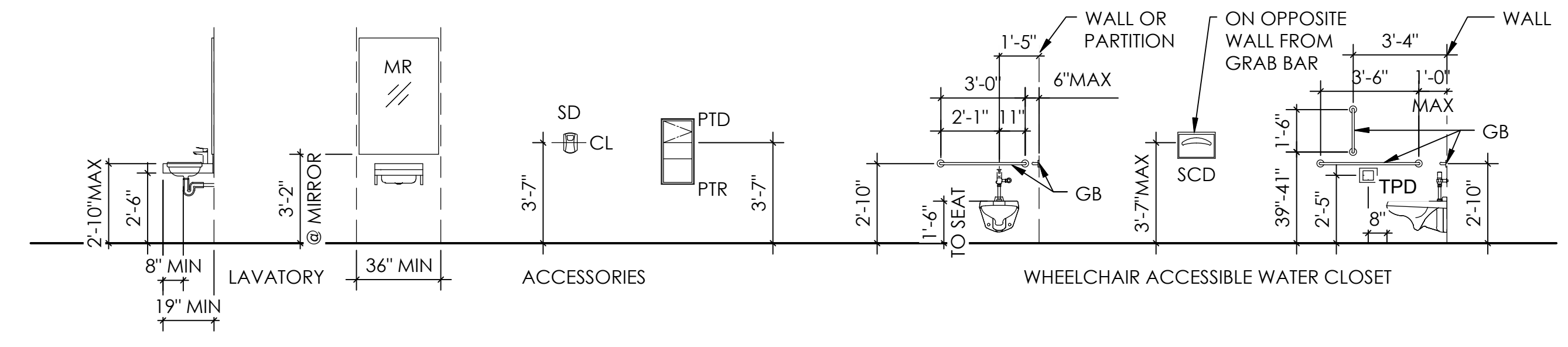
6 GENDER NEUTRAL LOCKER ROOM (121)
A7.1 SCALE: 1/4" = 1'-0"



7 SOUTH DINING RM (103)
A7.1 SCALE: 1/4" = 1'-0"

TILE KEY
SEE FINISH PLANS AND SCHEDULES FOR MORE INFO. PAINT P-1 AT WALLS U.O.N.

[Pattern]	CT-1 (COVE BASE)
[Pattern]	CT-2
[Pattern]	CT-3



8 ADA MOUNTING HEIGHTS
A7.1 SCALE: 1/4" = 1'-0"

ACCESSORY KEY
PROVIDE ALL NECESSARY BLOCKING, REINFORCEMENT OR ANCHORS FOR ACCESSORIES

GB	GRAB BAR
MR	MIRROR
SCD	SEAT COVER DISPENSER
SD	SOAP DISPENSER
PTD	PAPER TOWEL DISPENSER
PTR	PAPER TOWEL RECEPTACLE
TPD	TOILET PAPER DISPENSER
WR	WASTE RECEPTOR



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ELEVATIONS &
DETAILS

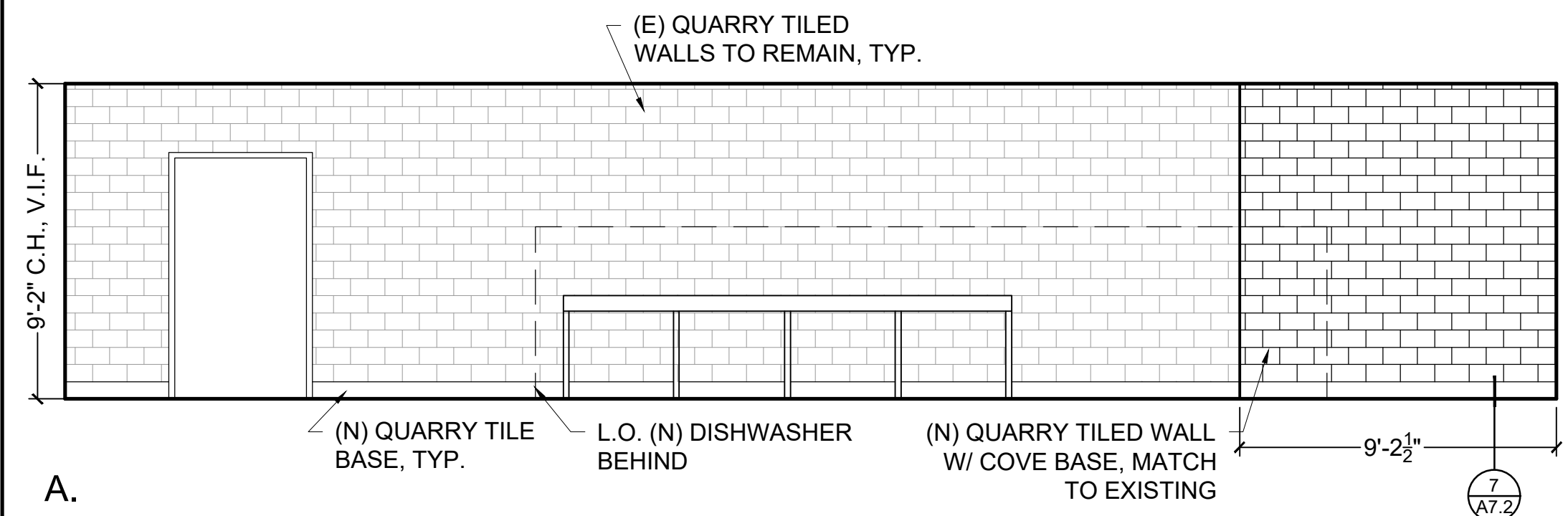


SCALE: 1/2" = 1'-0"

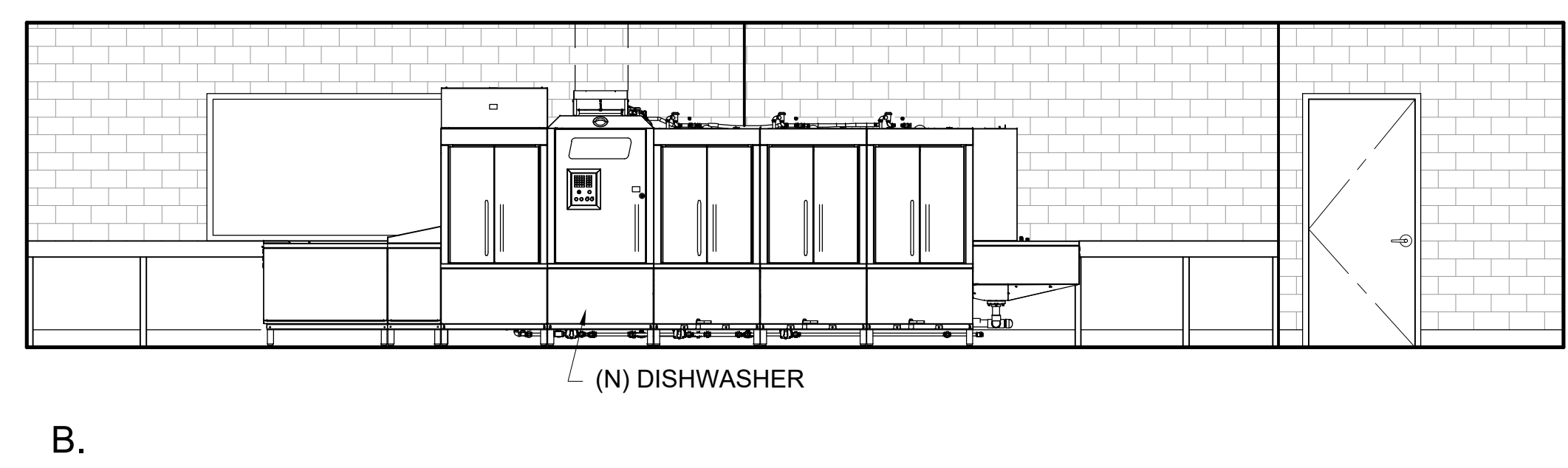
DRAWING DATE
12-21-2021

SHEET NO.
A7.2

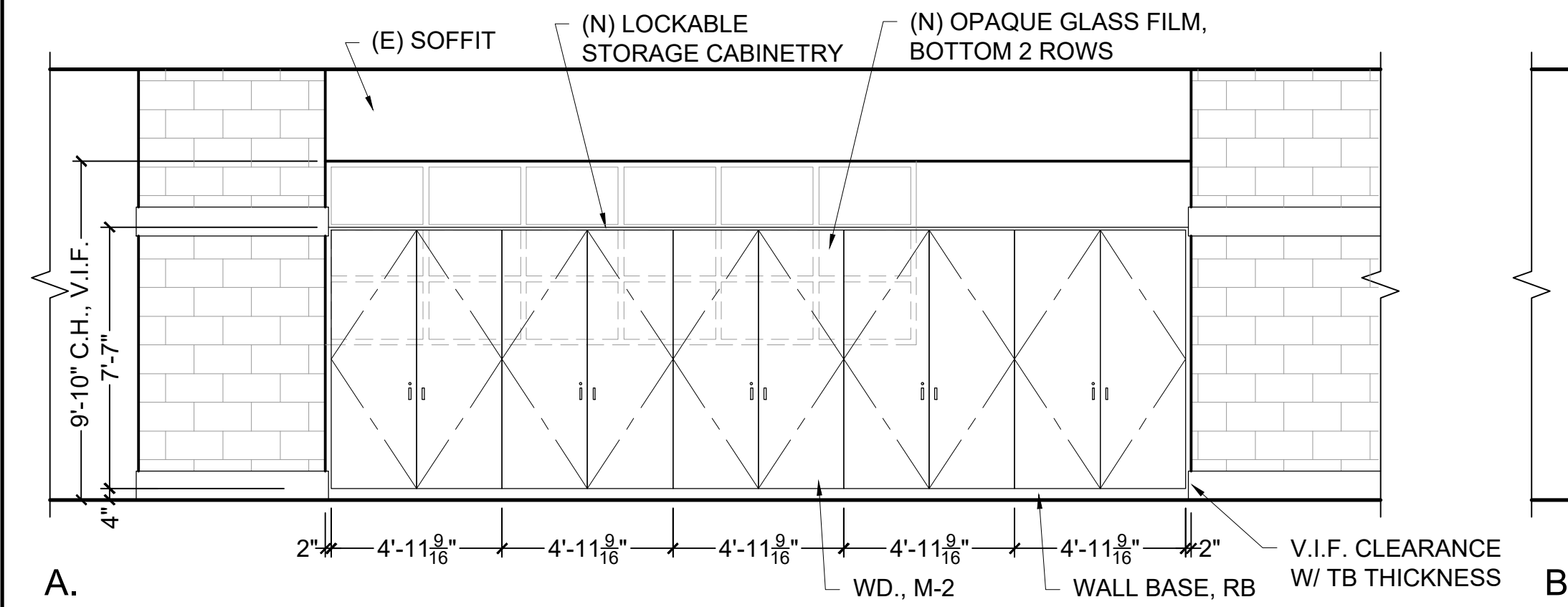
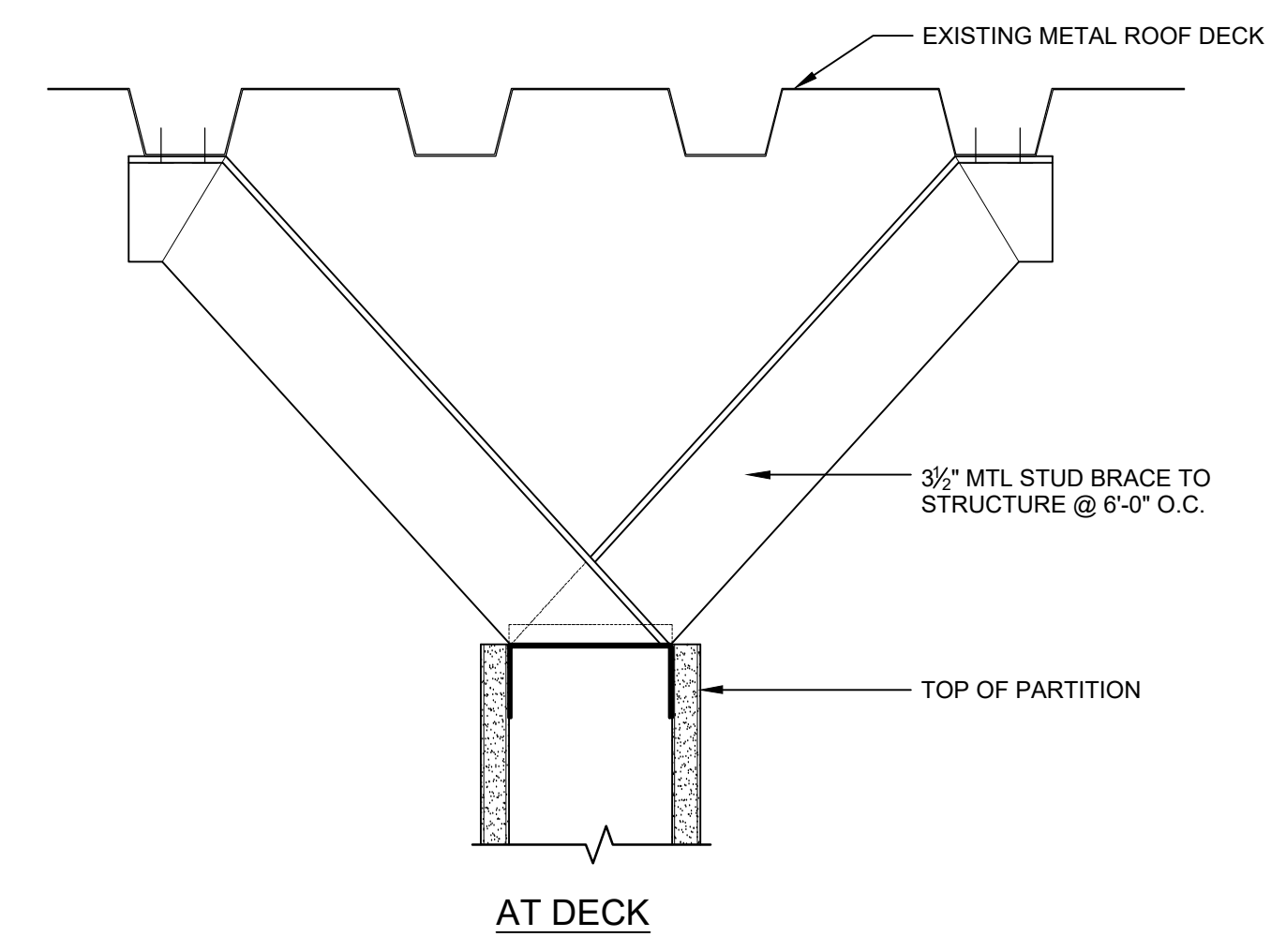
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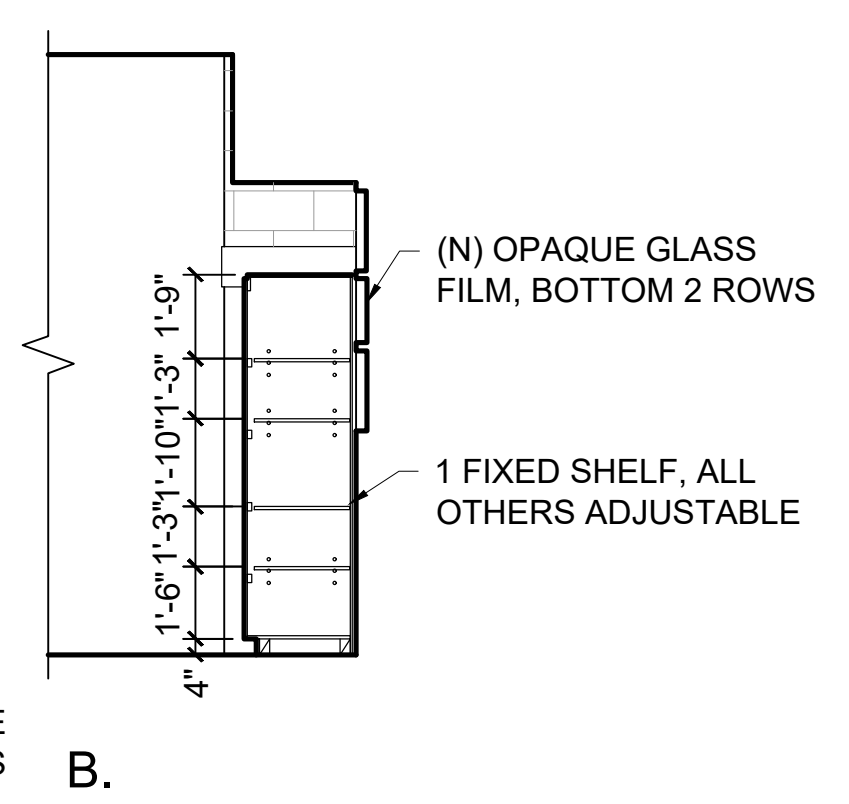
1
A7.2 **DISHWASHING RM. (119)**
SCALE: 1/4" = 1'-0"



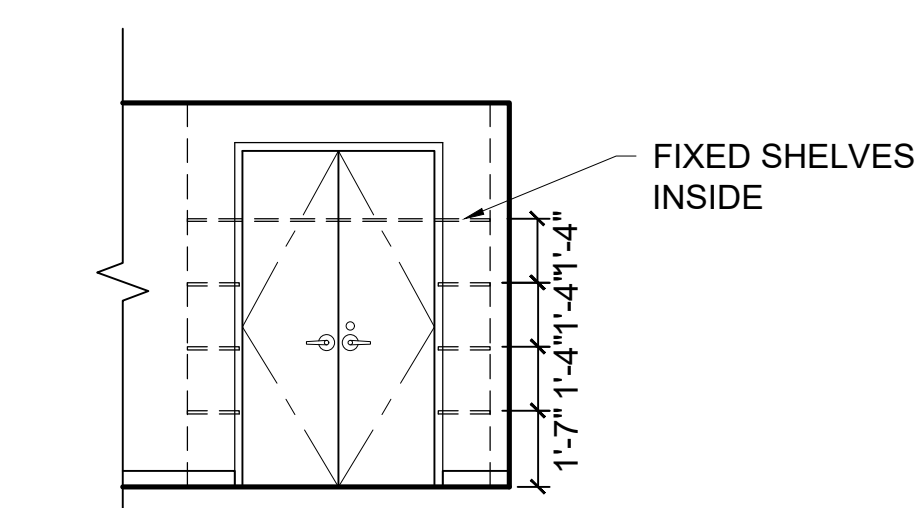
B.



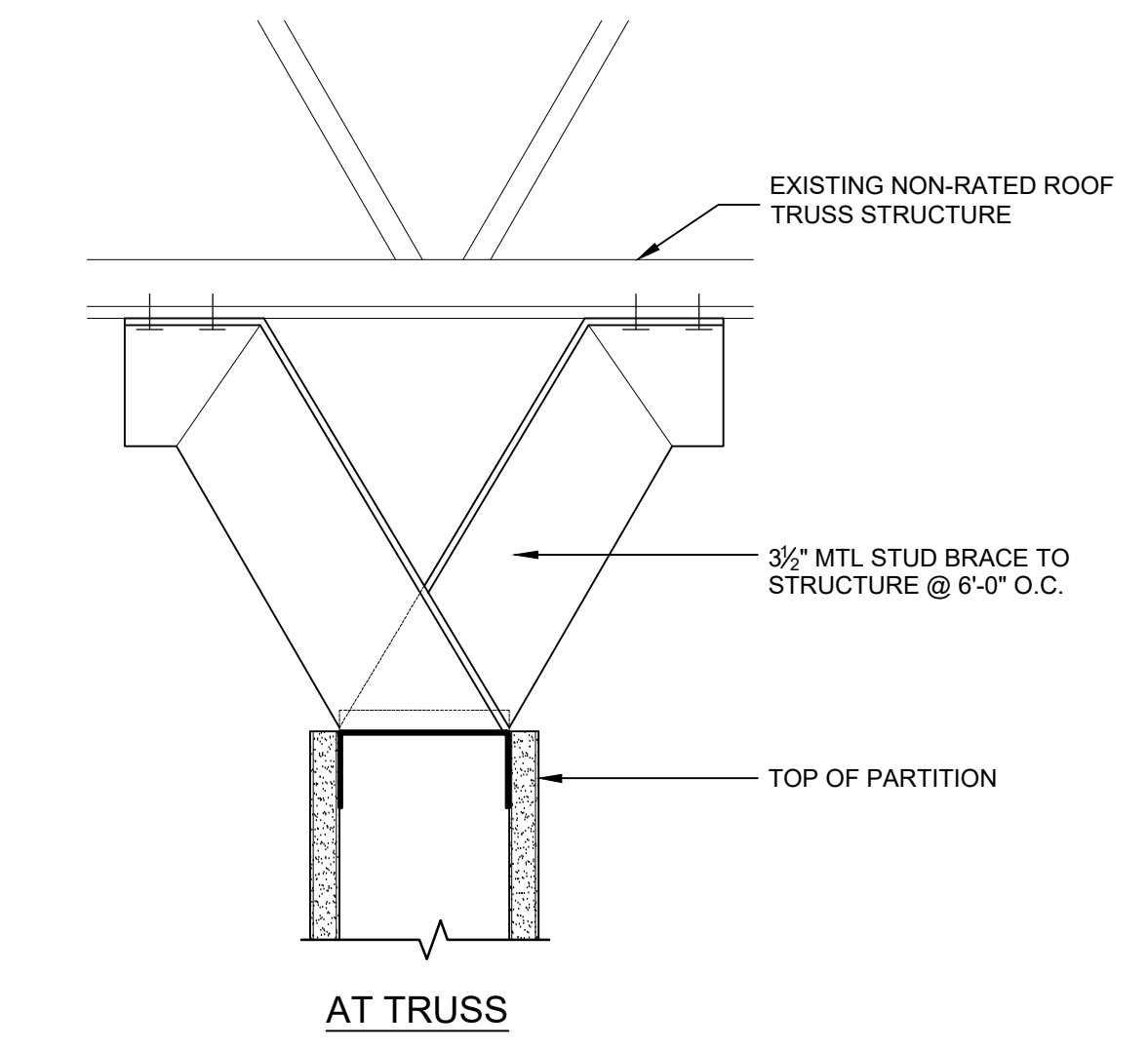
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A7.2 **WEST DINING RM. (101)**
SCALE: 1/4" = 1'-0"



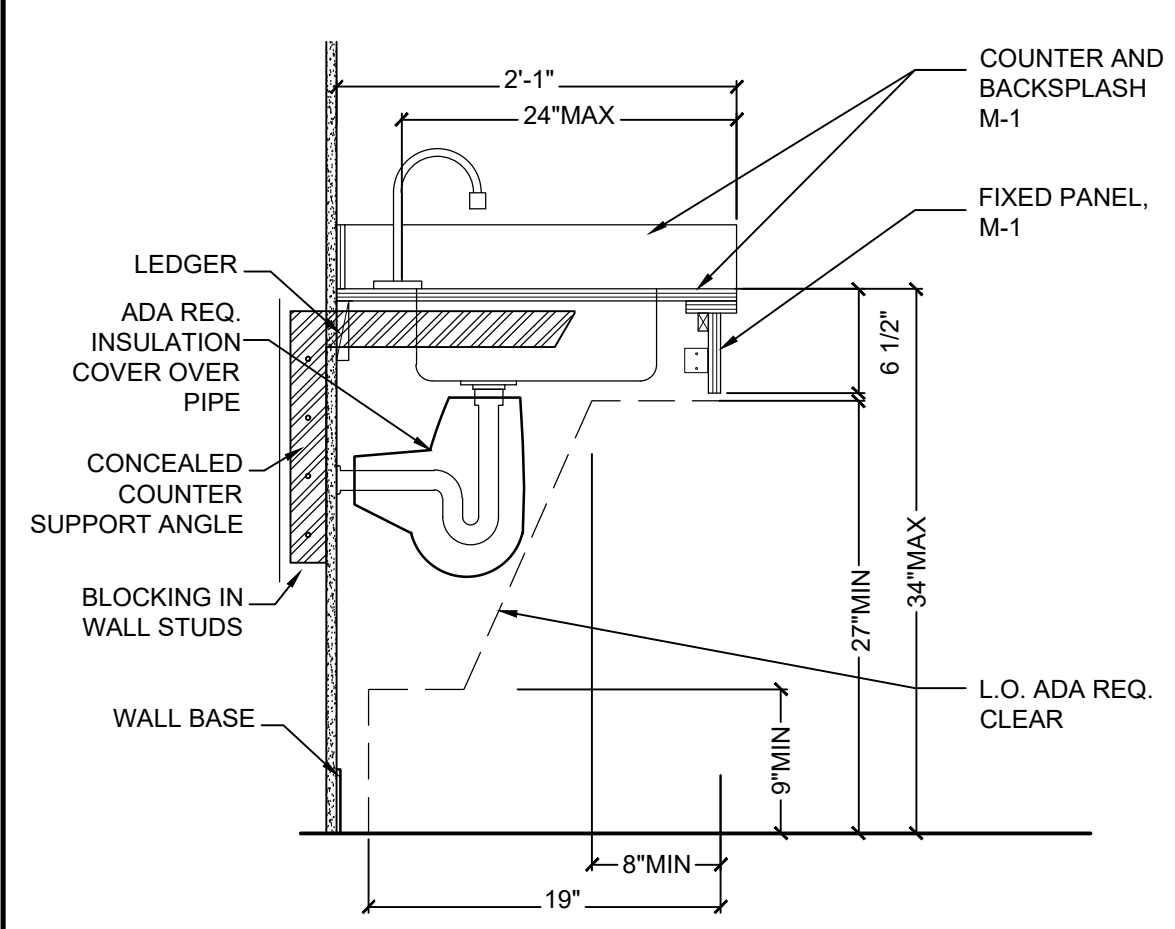
B.



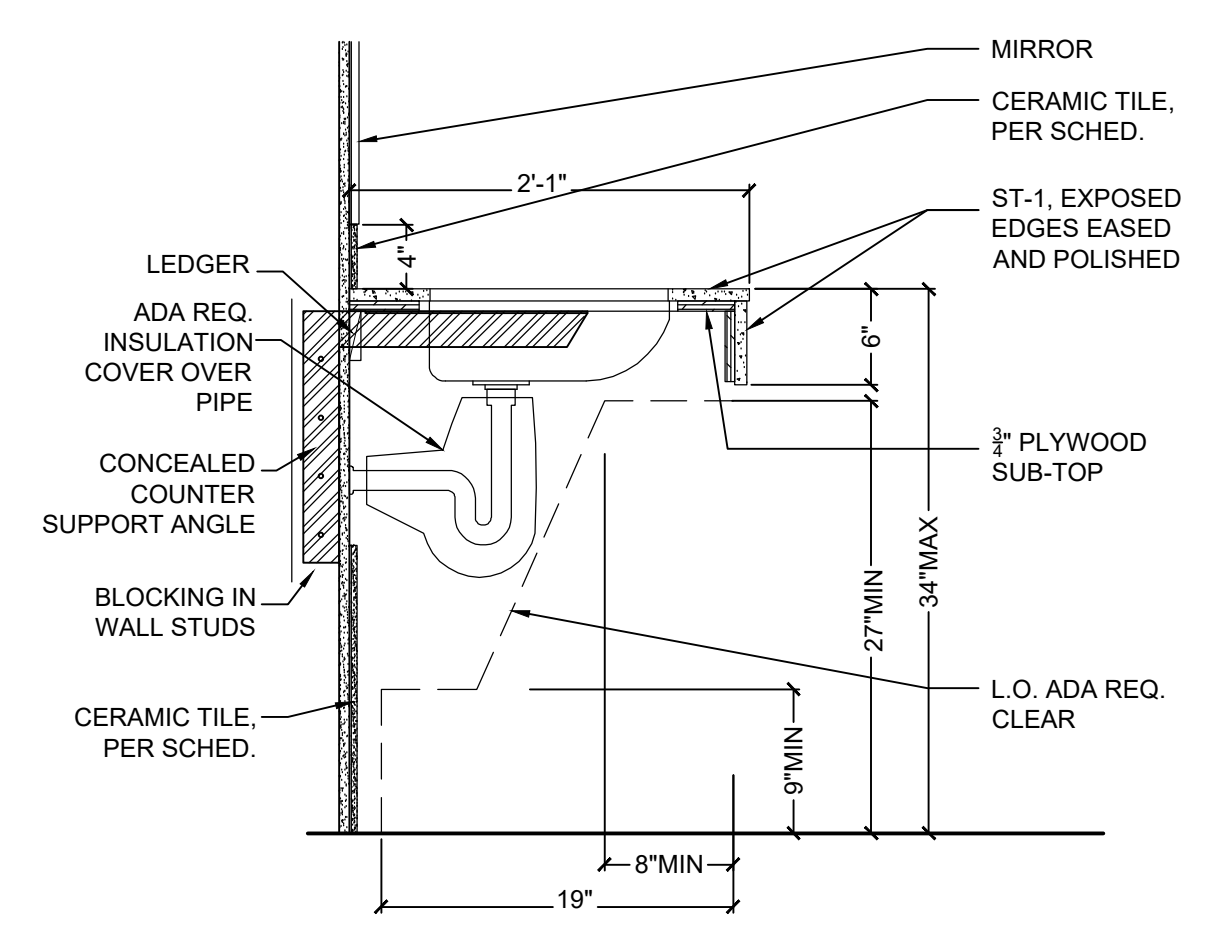
3
A7.2 **CLOSET (115)**
SCALE: 1/4" = 1'-0"



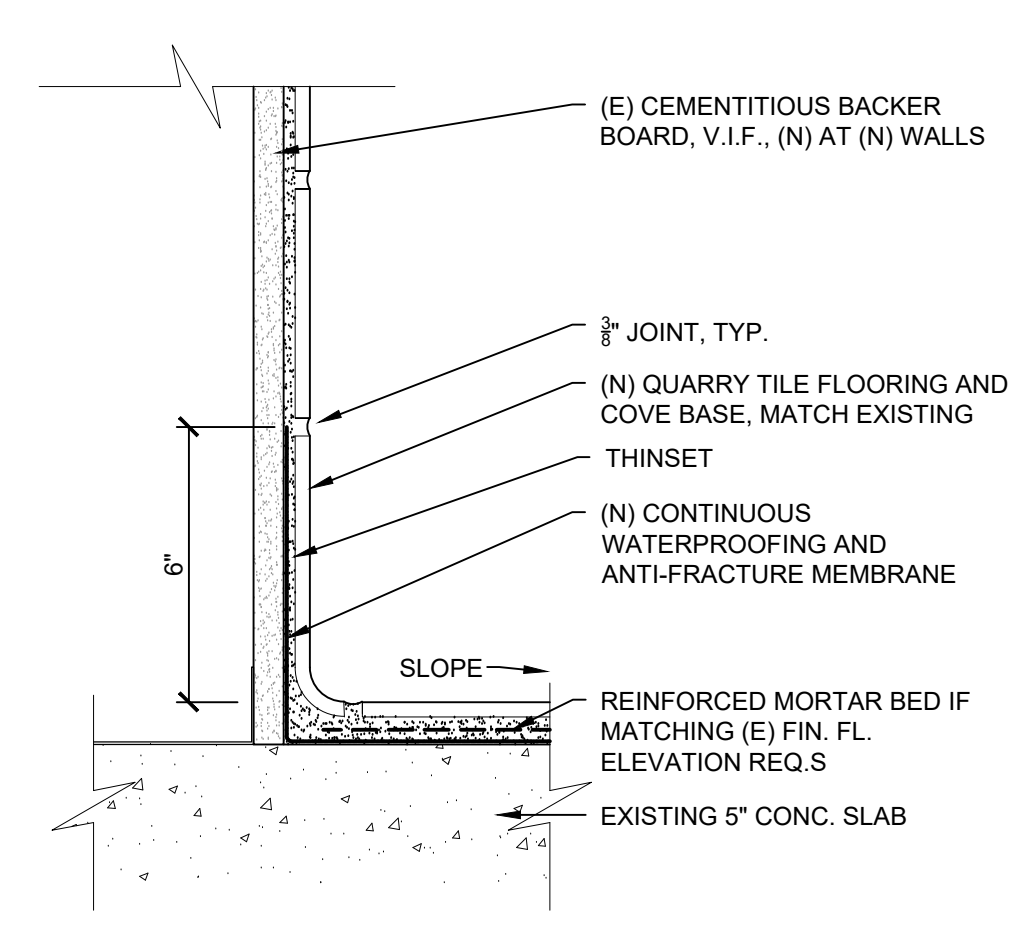
9
A7.2 **WALL BRACE DETAIL**
SCALE: 3/8" = 1'-0"



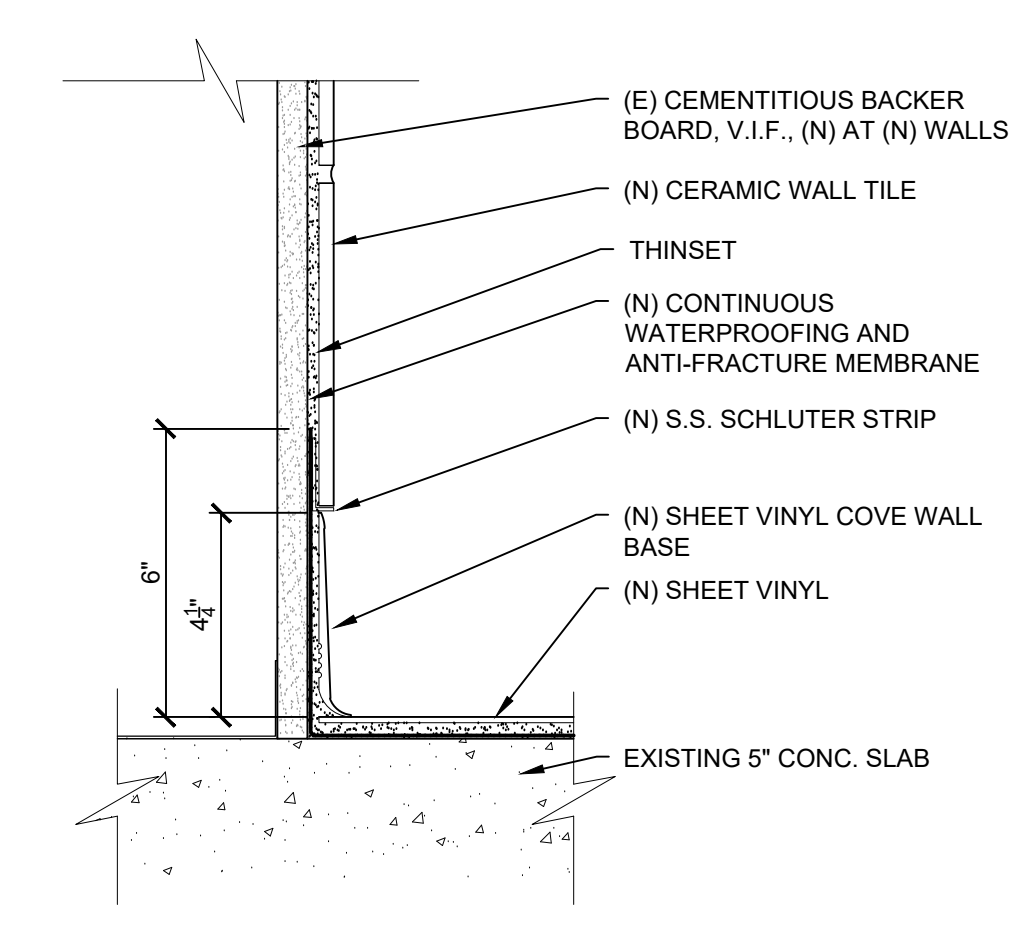
5
A7.2 **LAC. RM. COUNTER DETAIL**
SCALE: 1" = 1'-0"



6
A7.2 **RESTROOM COUNTER DETAIL**
SCALE: 1" = 1'-0"



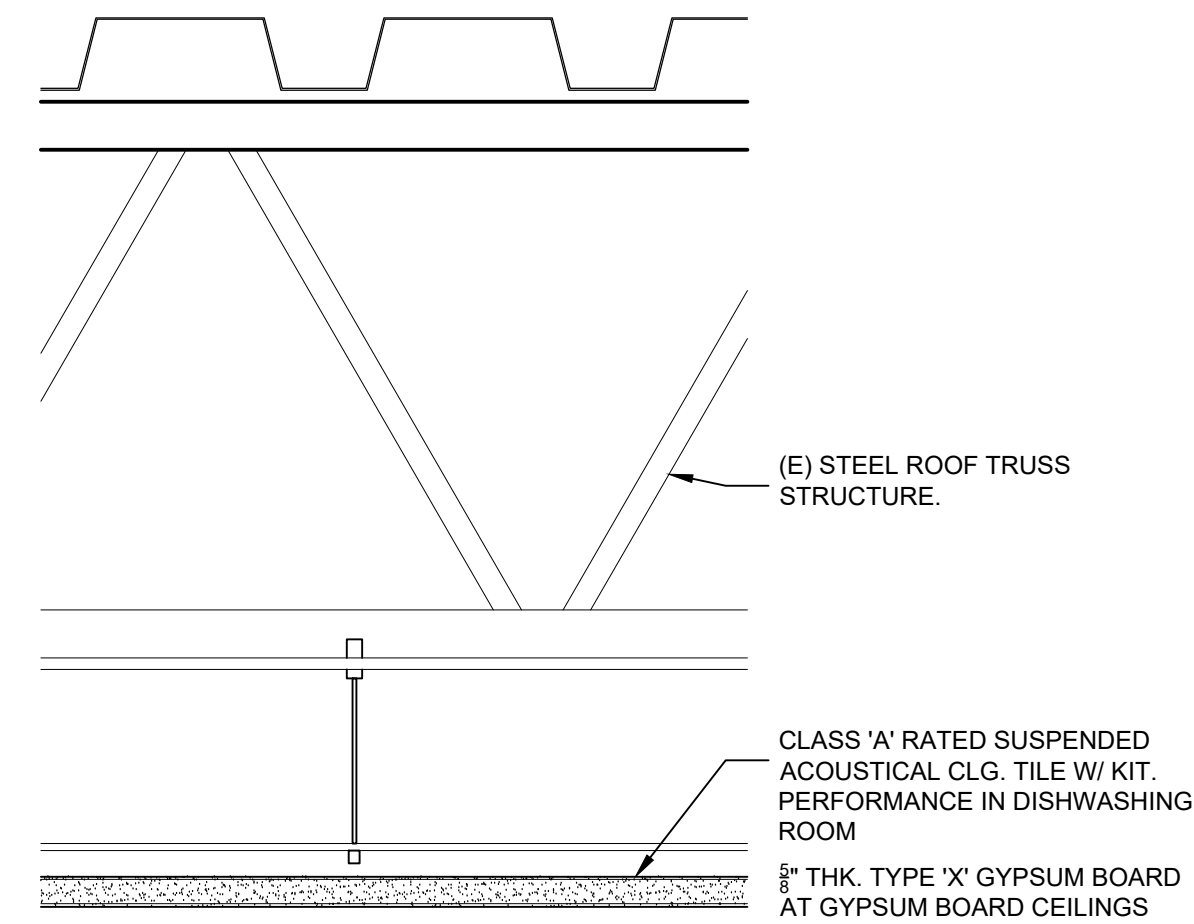
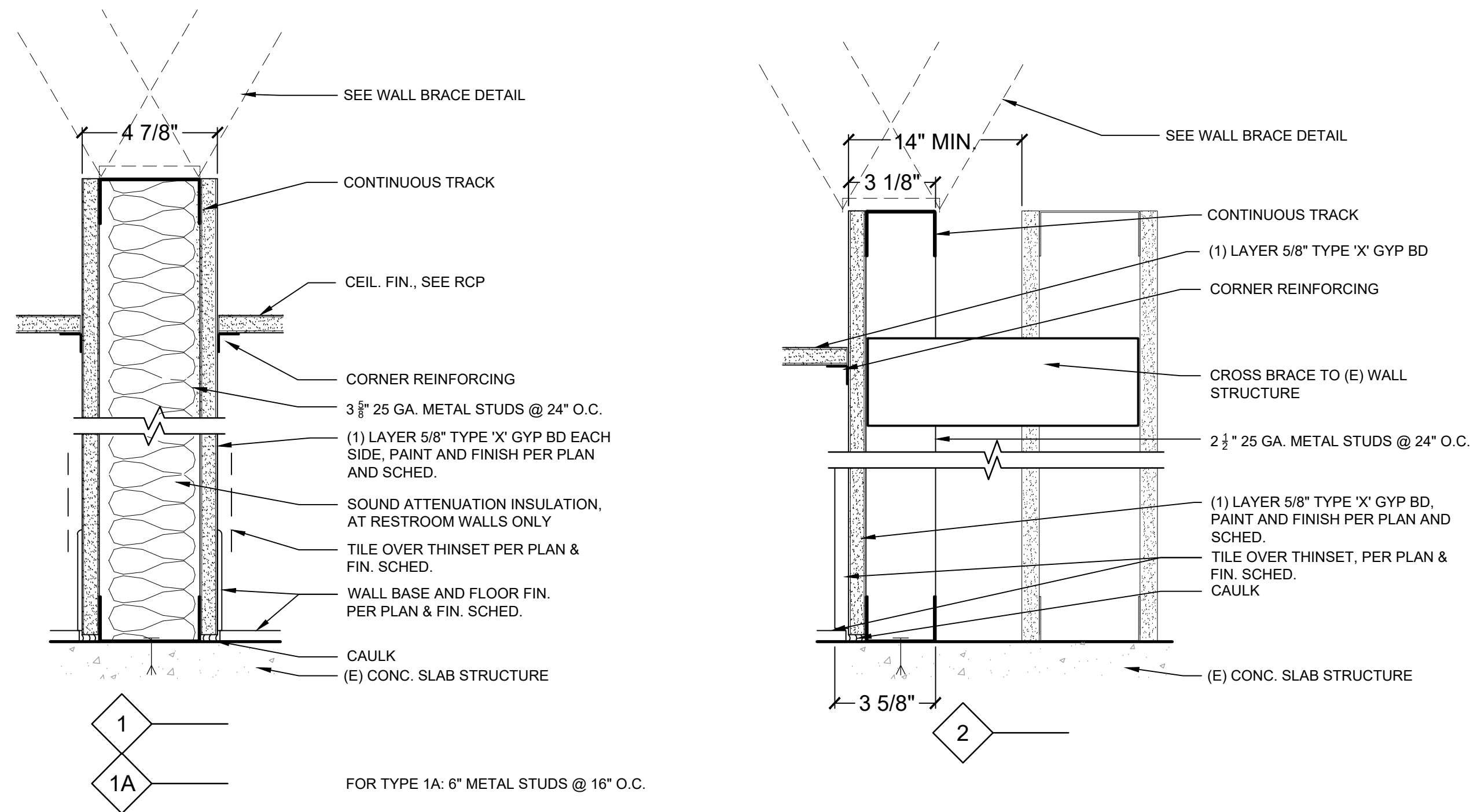
7
A7.2 **DISH. RM. COVE BASE SECTION**
SCALE: 3/8" = 1'-0"



8
A7.2 **LOCKER COVE BASE SECTION**
SCALE: 3/8" = 1'-0"

PARTITION SCHEDULE

SCALE: 3" = 1'-0"



CEILING ASSEMBLY

DOOR SCHEDULE

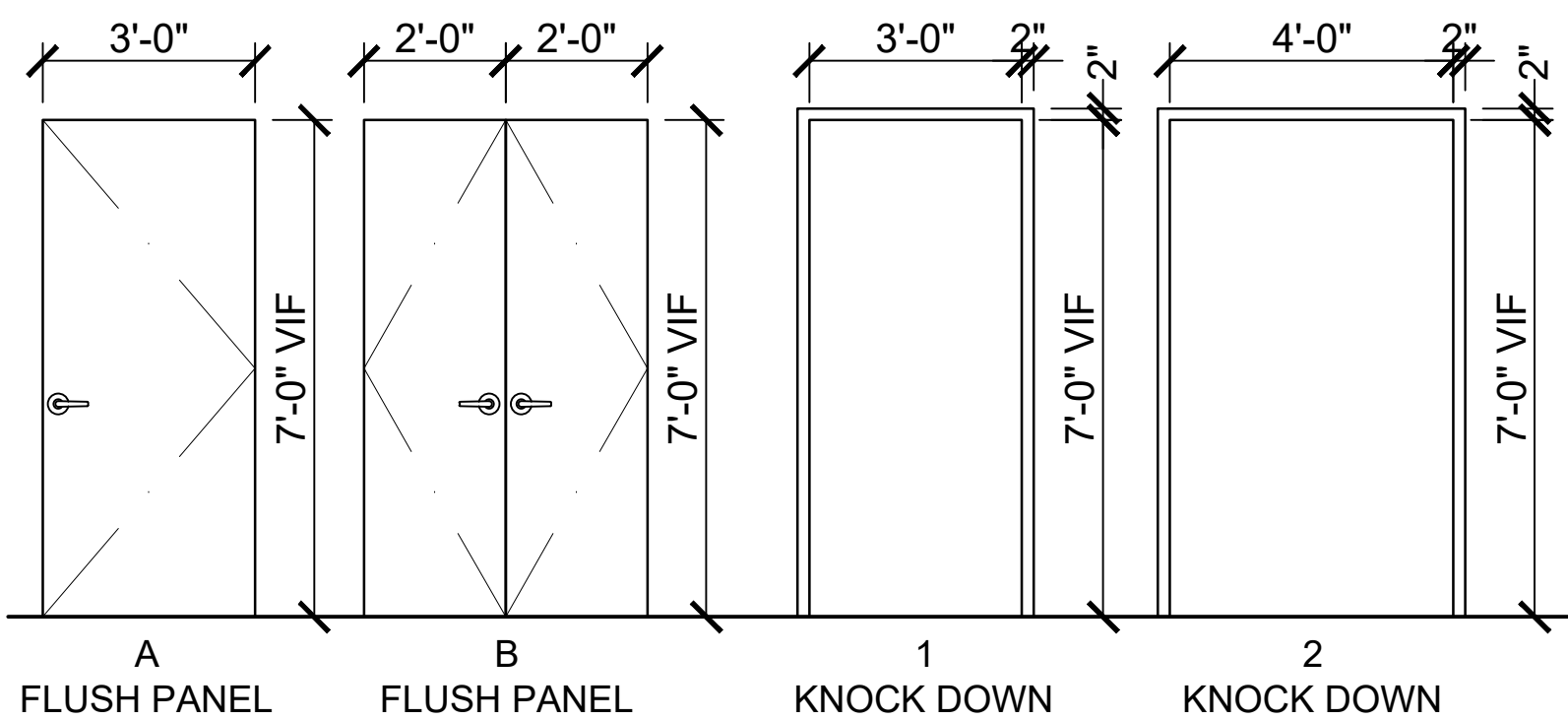
ROOM #	ROOM NAME	DOOR			FRAME			FIRE RATING	REMARKS
		TYPE	MAT.	FIN.	TYPE	MAT.	FIN.		
161	MENS RR	A	HM	P	1	HM	P	NR	1., 6., 7., 9.
162	WOMENS RR	A	HM	P	1	HM	P	NR	1., 6., 7., 9.
163	UNISEX RR	A	HM	P	1	HM	P	NR	3., 6., 7., 9.
164	UNISEX RR	A	HM	P	1	HM	P	NR	3., 6., 7., 9.
119	DISHWASHING	-	-	-	(E)	(E) HM	P	NR	
121	LOCKER RM.	A	HM	P	1	HM	P	NR	4., 6., 7.
119A	LACTATION RM.	A	HM	P	1	HM	P	NR	3., 5., 6.
101	WEST DINING	-	-	-	-	-	-	-	
115	CLOSET	B	HM	P	2	HM	P	NR	4., 6., 7., 8.

Legend:
 (E) = Existing
 HM = Hollow Metal
 P = Paint
 MAT. = Material
 NR = Not Rated
 FIN. = Finish

Remarks key:

1. (E) Push to open device reused	5. Provide pin code access device	8. Magnetic Catch
2. Unused	6. Match door thickness, frame style, door undercut, hardware style and finish to Bld. Standard	9. S.S. Kick Plate
3. Provide Privacy function hardware	7. Lock from Outside room	
4. Provide Classroom function hardware		

DOOR TYPES



VERIFY HT.S IN FIELD, MATCH TO (E) BLD. STANDARD HEIGHT

FRAME TYPES

MATERIAL SCHEDULE

MATERIAL	TAG	DESCRIPTION	SPECIFICATION
Ceiling	ACT	Acoustic Ceiling Tile	Armstrong, Kitchen Zone, 672, Square lay in tile, White, 24x48. Armstrong Prelude XL Fireguard 1/8" grid.
Flooring	RB	Rubber Base	Tarkett/Johnsonite, 4" continuous cove rubber base, 40 Black B
Luxury Vinyl	LVT	Resilient Flooring	Interface, Modular, Natural woodgrains, 25 cm x 1 cm
Sheet Vinyl	SV	Resilient Flooring	Tarkett/Johnsonite, Melodia, MLD-0968. Self cove flooring
Tile	CT-1	Floor Tile	* Daltile, Qtread Paver, 6x6 Quarry tile, 0Q92 Gray, w/ matching base & corner accessories
Tile	CT-2	Wall Tile	Crossville, Color by numbers, 1812 Overture, 4x8 gloss (light grey)
Tile	CT-3	Accent Wall Tile	Crossville, Color by numbers, 19th Hole, 4x8 gloss (orange)
Tile	QT-1	Quarry Floor Tile	Daltile, Qtread Paver, 6x6 Quarry tile, 0Q92 Gray, w/ matching base & corner accessories
Countertop	ST-1	Quartz	Pentalquartz, 3cm, BQ400P Seashell, Polished, no built up edge, Eased flat polish
Paint	P-1	Wall Color	* Sherwin Williams, Pure White SW7005
Paint	P-2	Wall Color	* Sherwin Williams, Dover SW6385
Paint	P-3	Wall Color	* Miller, Colorevolution, Glisten E0155
Paint	P-4	Ceiling/Soffit Color	* Sherwin Williams, Pure White SW7005
Millwork	M-1	P. Laminate Surface	* Wilsonart, HPL, Neowalnut 7991, Softgrain
Millwork	M-2	Wood	To match (E) Wood Trims
Toilet Partitions	TP-1	Solid Color Reinforced Composite	Bobrick, Sierra Series, Overhead Braced, 72" Doors, Cont. S.S. Brackets, Terra Cotta
Toilet Partitions	TP-2	Compact Grade Laminate	Bobrick, Evolve Cubicles, Max, 80", Cont. S.S. Brackets, Brushed Aluminum

Remarks:

- See Project Manual for more info.
- Grout color(s) and Items marked "*" to be finalized with Owner and Architect.

FINISH SCHEDULE

ROOM #	ROOM NAME	FLOOR	BASE	WALLS	CEILING	REMARKS
161	MENS RR	CT-1	CT-1	CT-2/P	GB	-
162	WOMENS RR	CT-1	CT-1	CT-2/P	GB	-
163	UNISEX RR	CT-1	CT-1	CT-2/GB/P	GB	TB on (N) wall Dining side
164	UNISEX RR	CT-1	CT-1	CT-2/GB/P	GB	-
119	DISHWASHING	QT-1	QT-1	QT-1/P	ACT	-
121	LOCKER RM.	SV	RB	PT	GB	QT Base on (N) wall Dining side
119A	LACTATION RM.	CPT	RB	GB/P	GB	-
101	WEST DINING	(E) LT	(E) TB	(E) GB/P	(E) ACT	-
115	CLOSET	SV	RB	PT	GB	RB on (N) wall Hall/Kit. side

Legend:
 ACT = Acoustical Ceiling Tile
 CT = Ceramic Tile
 QT = Quarry Tile
 RB = Rubber Base
 (E) = Existing
 GB = Gypsum Board
 P = Paint
 SV = Sheet Vinyl
 CPT = Carpet
 TB = Stone Tile Base
 LT = Linoleum Tile

Remarks:

- See interior elevations for accent locations.
- Provide straight metal trim (Schluter) at Floor Finish transition.
- Extend Floor Finish beneath countertop, plumbing fixtures, and millwork to wall.

0114-1

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PARTITION,
DOOR, FINISH
SCHEDULE



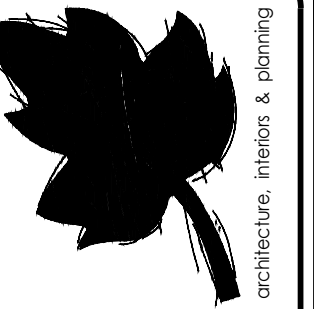
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12-21-2021

SHEET NO.

A7.3

DRAWN BY: AW



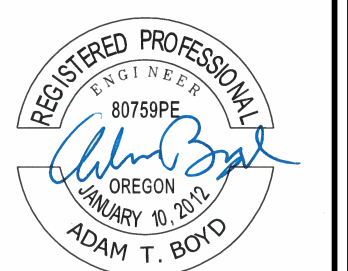
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MECHANICAL
LEGEND



EXP. 12-31-21

SCALE:

DRAWING DATE
12-21-2021

SHEET NO.

M0.1

DRAWN BY: XX

MECHANICAL LEGEND

GAS SYMBOLS

SYMBOL	IDENTIFICATION
—G—	PIPE ABOVE GRADE; SIZES AS SHOWN ON PLANS
—G—	PIPE BELOW GRADE; SIZES AS SHOWN ON PLANS
—○—	PIPE UP
—○—	PIPE DROP
—○—	PIPE DROP AT TEE
— —	PIPE CAP
— —	PIPE CONTINUED
▶	PIPE TRANSITION
⊥	TEE
⊥	TEE; ISOMETRIC VIEW
⊗	SHUT-OFF VALVE
⊗	GAS PRESSURE REGULATOR
○	BALL VALVE
≡	UNION

HVAC SYMBOLS

SYMBOL	IDENTIFICATION
—	DUCT; SINGLE-LINE; SIZES AS SHOWN ON PLANS
▭	DUCT; DOUBLE-LINE; SIZES AS SHOWN ON PLANS
↘	45 DEGREE DUCT ELBOW; SINGLE-LINE; SIZES AS SHOWN ON PLANS
↘	45 DEGREE DUCT ELBOW; DOUBLE-LINE; SIZES AS SHOWN ON PLANS
↘	90 DEGREE DUCT ELBOW; SINGLE-LINE; SIZES AS SHOWN ON PLANS
↘	90 DEGREE DUCT ELBOW; DOUBLE-LINE; SIZES AS SHOWN ON PLANS
↘	90 DEGREE DUCT ELBOW WITH TURNING VANES; SIZES AS SHOWN ON PLANS
▶	DUCT TRANSITION; SINGLE-LINE
▭	DUCT TRANSITION; DOUBLE-LINE
▭	DUCT TRANSITION SQUARE TO ROUND; DOUBLE-LINE
⊗	HORIZONTAL MOUNTED SUPPLY AIR DIFFUSER OR SUPPLY AIR DUCT IN CROSS-SECTION ROUTED UP
⊗	HORIZONTAL MOUNTED RETURN OR TRANSFER AIR GRILLE, OR RETURN AIR DUCT IN CROSS-SECTION ROUTED UP
⊗	HORIZONTAL MOUNTED EXHAUST AIR GRILLE OR EXHAUST AIR DUCT IN CROSS-SECTION ROUTED UP
⊗	SUPPLY AIR DUCT IN CROSS-SECTION ROUTED DOWN
⊗	RETURN AIR DUCT IN CROSS-SECTION ROUTED DOWN
⊗	EXHAUST AIR DUCT IN CROSS-SECTION ROUTED DOWN
⊥	VERTICAL MOUNTED SUPPLY AIR DEVICE; SIZES AS SHOWN ON PLANS
⊥	VERTICAL MOUNTED RETURN OR EXHAUST AIR DEVICE; SIZES AS SHOWN ON PLANS
→	AIR FROM DEVICE
→	AIR TO DEVICE
— —	BALANCING DAMPER
—M—	MOTORIZED DAMPER
—TAG	FIRE DAMPER
—TAG	FIRE/SMOKE DAMPER
⊙	THERMOSTAT
◇	TEMPERATURE SENSOR

DESIGNATION SYMBOLS

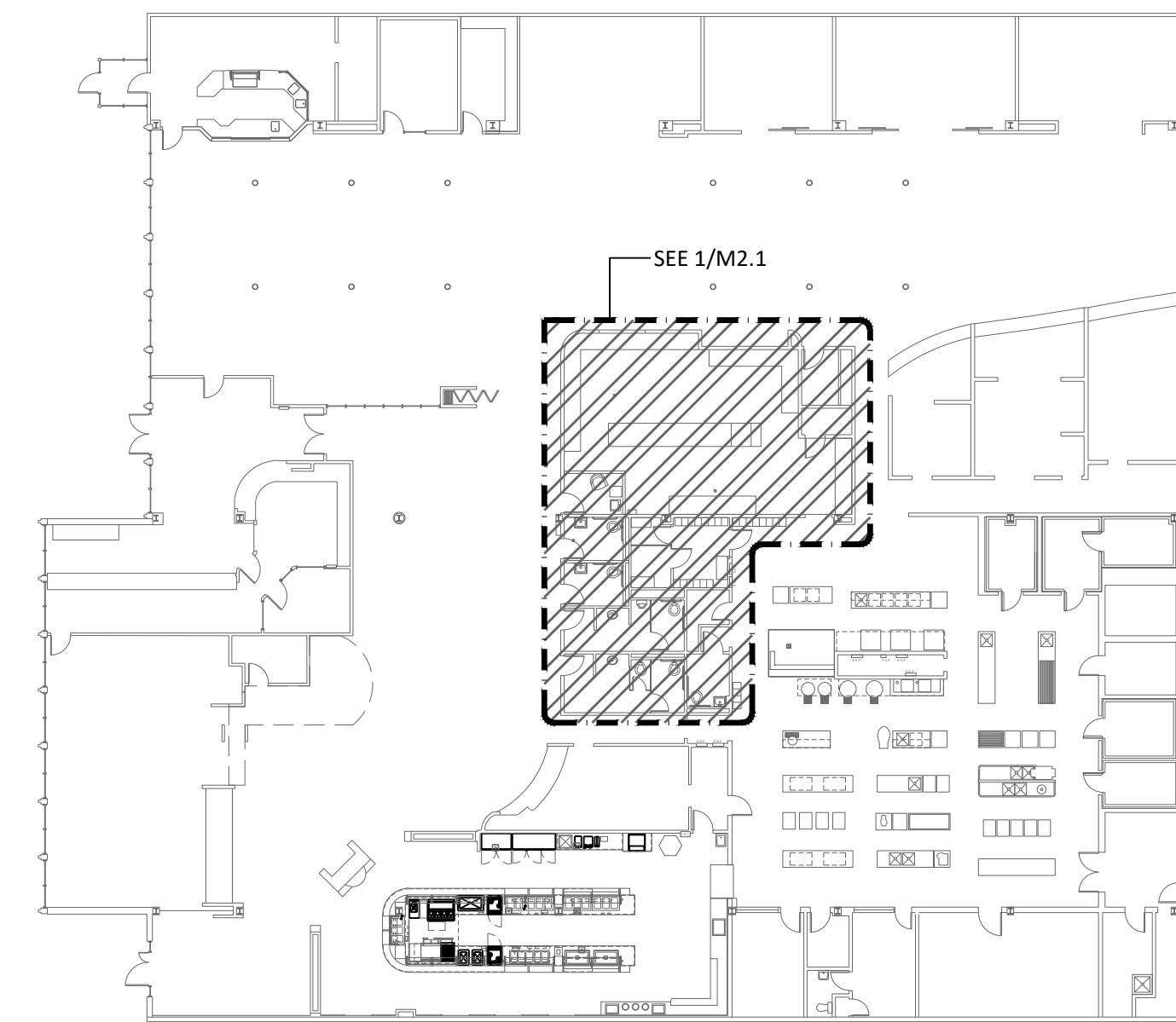
SYMBOL	IDENTIFICATION
Ⓐ	GRID LINE DESIGNATOR
#	SHEET KEYNOTE TAG
TAG	CONTRACTOR EQUIPMENT TAG
Δ	REVISION DELTA WITH REVISION NUMBER
⊙	POINT OF CONNECTION

ABBREVIATIONS

ABBRV.	IDENTIFICATION
∅	DIAMETER
&	AND
AFF	ABOVE FINISH FLOOR
AFUE	ANNUAL FUEL UTILIZATION EFFICIENCY
BD	BALANCING DAMPER
BHP	BREAK HORSEPOWER
BTU	BRITISH THERMAL UNITS
CFM	CUBIC FEET PER MINUTE
CONT	CONTINUED
COP	COEFFICIENT OF PERFORMANCE
dBA	A-WEIGHTED DECIBELS
DN	DOWN
DSD	DUCT SMOKE DETECTOR
DWGS	DRAWINGS
(E)	EXISTING TO REMAIN
EA	EXHAUST AIR
EER	ENERGY EFFICIENCY RATIO
EF	EXHAUST FAN
EFF	EFFICIENCY
ESP	EXTERNAL STATIC PRESSURE
F/D	FIRE DAMPER
F/SD	FIRE/SMOKE DAMPER
FLA	FULL-LOAD AMPERES
FLR	FLOOR
FT	FEET
G	GAS
GPD	GALLONS PER DAY
GPM	GALLONS PER MINUTE
GPR	GAS PRESSURE REGULATOR
HP	HORSEPOWER OR HEAT PUMP
HSPF	HEATING SEASONAL PERFORMANCE FACTOR
IMC	INTERNATIONAL MECHANICAL CODE
IN	INCHES
KW	KILOWATTS
LBS	POUNDS
MAX	MAXIMUM
MBH	1000 BTU PER HOUR
MCA	MINIMUM CURRENT AMPACITY
MECH	MECHANICAL
MIN	MINIMUM
MOC	MAXIMUM OVERCURRENT PROTECTION
(N)	NEW
NC	NOISE CRITERIA
NTS	NOT TO SCALE
OC	ON CENTER
OMSC	OREGON MECHANICAL SPECIALTY CODE
OSA	OUTSIDE AIR
PD	PRESSURE DROP
PH	PHASE
POC	POINT OF CONNECTION
PSI	POUNDS PER SQUARE INCH
QTY	QUANTITY
(R)	RELOCATE EXISTING
REQD	REQUIRED
REQS	REQUIREMENTS
RPM	REVOLUTIONS PER MINUTE
SA	SUPPLY AIR
SC	SENSIBLE (COOLING) CAPACITY
SEER	SEASONAL ENERGY EFFICIENCY RATIO
SF	SUPPLY FAN OR SQUARE FEET
SOV	SHUT-OFF VALVE
SQ	SQUARE
TC	TOTAL (COOLING) CAPACITY
TYP	TYPICAL
V	VOLTS
W	WATTS
W/	WITH
WC	WATER COLUMN
(X)	REMOVE EXISTING

LEGEND NOTES:

- ALL SYMBOLS MAY NOT BE USED IN THIS PROJECT.
- SYMBOLS DO NOT ALWAYS REPRESENT REAL LIFE DIMENSIONS.
- SEE BOOK SPECIFICATIONS FOR ADDITIONAL INFORMATION.



REFERENCE PLAN

DRAWING INDEX

SHEET #	SHEET NAME
M0.1	MECHANICAL LEGEND
M0.2	MECHANICAL SCHEDULES
M2.1	FLOOR PLANS - HVAC
M3.1	MECHANICAL DETAILS



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EXHAUST FANS										
MARK	SERVING	CFM	ESP	SONES	MOTOR		FAN RPM	WT LBS	MAKE & MODEL	NOTES
					V/PH	HP				
EF-4	DISHWASH	1600	.75	11	120/1	1/2	1250	90	GREENHECK CUBE-140	1

NOTES:
 1. EF-4 REPLACES EXISTING ROOF MOUNTED EXHAUST FAN

AIR DISTRIBUTION			
MARK	TYPE	MAKE & MODEL	REMARKS
EG-1	EXHAUST	TITUS 50F	EGGCRATE FACE RETURN, WITH OBD, MATCH FRAME TO CEILING TYPE, ALUMINUM CONSTRUCTION, SIZE AS INDICATED
SD-1	SUPPLY	TITUS MCD	MODULAR CORE DIFFUSER, MATCH FRAME TO CEILING TYPE, ALUMINUM CONSTRUCTION, NECK SIZE AS INDICATED. PROVIDE AIR THROW DIRECTION PATTERN AS INDICATED ON DRAWINGS.

EXHAUST AIR REQUIREMENTS								
SERVING	FIXTURES	@	CFM/FIXTURE	+	AREA	@	CFM/SQ.FT.	CFM EA
LACTATION 120A	-	@	-	+		@	-	50
LOCKER 121	2	@	70	+	273	@	.25	138
UNISEX 115	1	@	70	+	-	@	-	70
MENS 161	2	@	70	+	-	@	-	140
WOMENS 162	2	@	70	+	-	@	-	140
UNISEX 163	1	@	70	+	-	@	-	70
UNISEX 164	1	@	70	+	-	@	-	70

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MECHANICAL
 SCHEDULES



EXP. 12-31-21

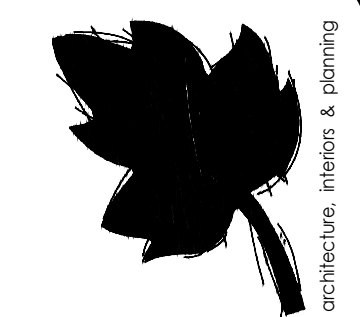
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DRAWING DATE
 12-21-2021

SHEET NO.
 M0.2

DRAWN BY: XX

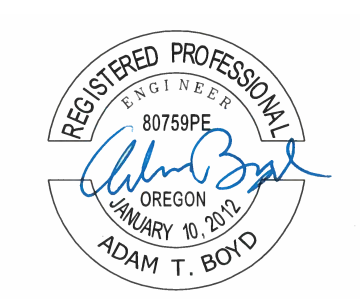




OSU
McNARY HALL
DINING
RESTROOM

PERMIT - BID
SET

MECHANICAL
FLOOR PLANS
HVAC



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

DRAWING DATE
12-21-2021

SHEET NO.
M2.1

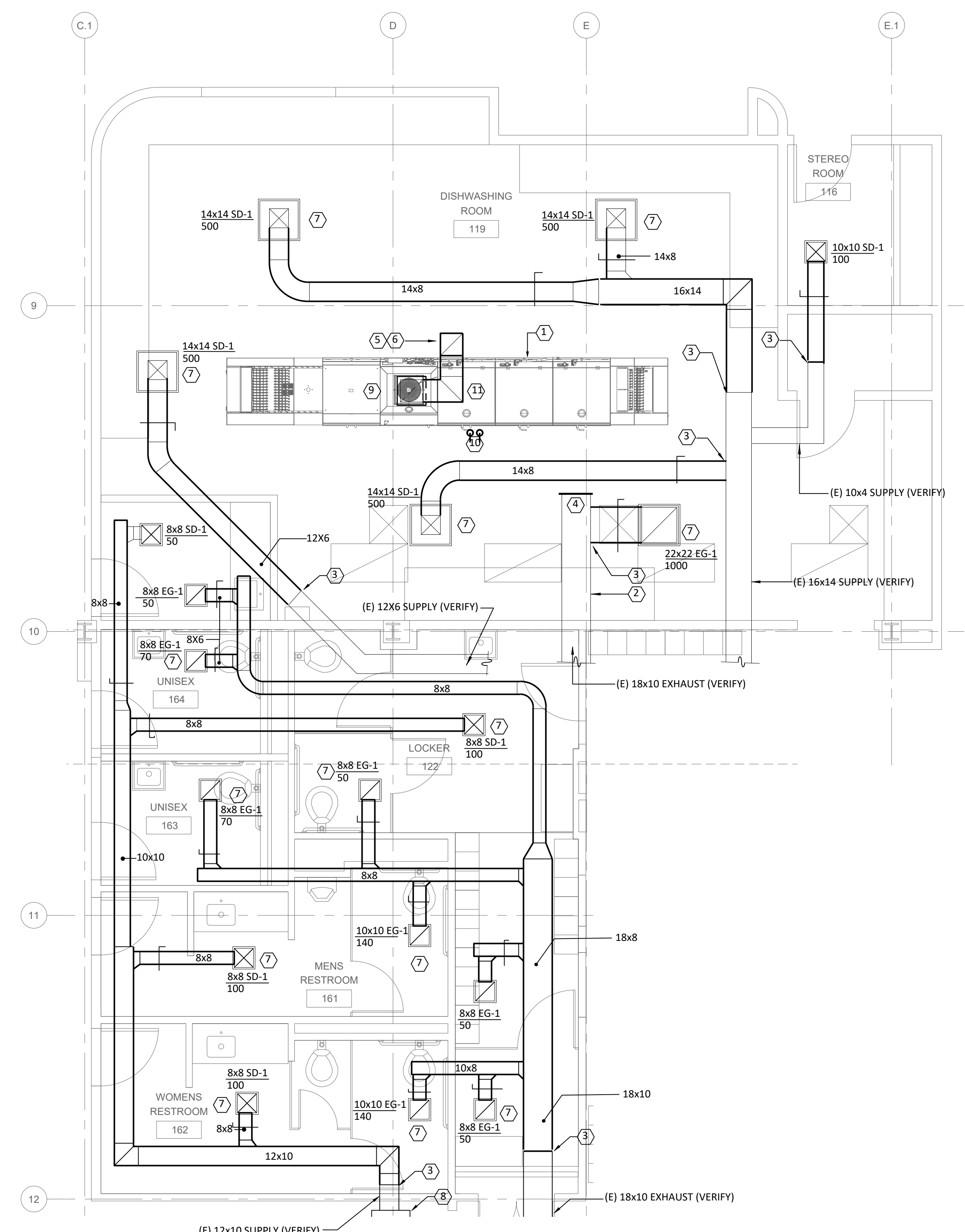
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GENERAL SHEET NOTES

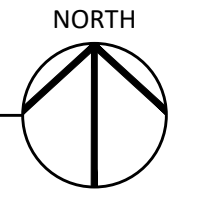
- A. THESE DRAWINGS ARE BASED ON AVAILABLE INFORMATION. EXISTING CONDITIONS MAY AFFECT WORK. CONTRACTOR IS REQUIRED TO VERIFY ON SITE ALL CONDITIONS. IF EXISTING CONDITIONS VARY SIGNIFICANTLY CONTACT OWNER'S REPRESENTATIVE IMMEDIATELY.
- B. PROVIDE MANUAL VOLUME DAMPERS AT ALL BRANCH DUCTS TO CEILING INLETS/OUTLETS. IN NEW GYP. CEILINGS PROVIDE REMOTE ACTUATORS. COORDINATE WITH ARCHITECT'S REFLECTED CEILING PLAN.

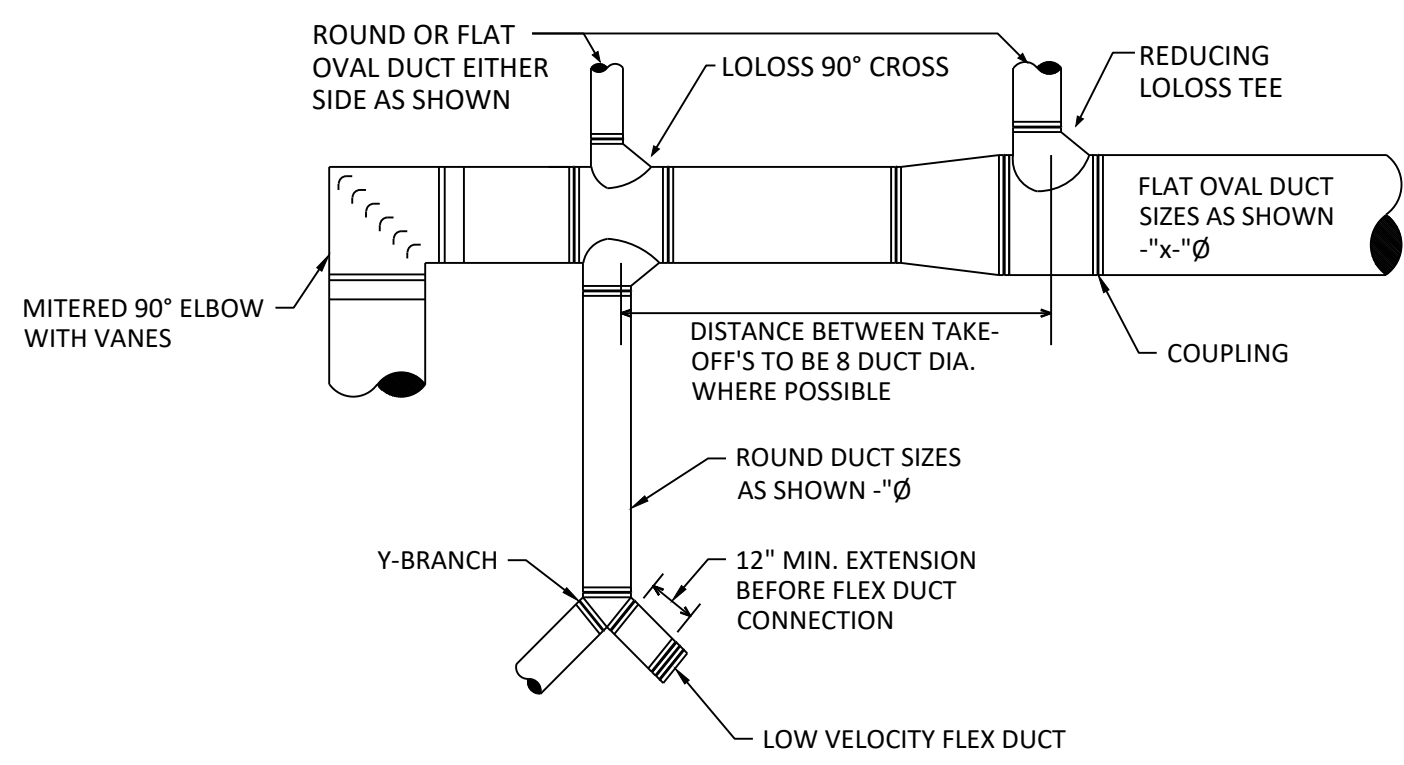
SHEET KEYNOTES

- 1. NEW COMMERCIAL DISHWASH UNIT PROVIDED INSTALLED BY GENERAL CONTRACTOR. SHOWN FOR REFERENCE.
- 2. EXISTING DUCT (VERIFY).
- 3. CONNECT NEW DUCT TO EXISTING.
- 4. CAP-OFF AND REMOVE DUCT AND CEILING OUTLETS DOWNSTREAM OF NEW DUCT.
- 5. NEW 14"x14" EXHAUST DUCT UP TO ROOF EXHAUST FAN.
- 6. REPLACE EXISTING ROOF EXHAUST FAN (EF-4) WITH NEW UNIT PER SCHEDULES AND SPECIFICATIONS.
- 7. NEW CEILING OUTLET.
- 8. EXISTING TERMINAL UNIT TO REMAIN. REBALANCE FOR AIR FLOWS SHOWN.
- 9. PROVIDE EXHAUST HOOD OVER DISHWASH EXHAUST OUTLET. EXHAUST HOOD TO EXTEND 6" ON ALL SIDES AROUND OUTLET AND BE LOCATED 4" ABOVE OUTLET.
- 10. 1-1/4" MPS AND 1" COND. STEAM AND CONDENSATE CONNECT TO EXISTING. VERIFY LOCATION.
- 11. EXHAUST DUCT FROM DISHWASH HOOD TO BE STAINLESS STEEL AND SLOPED TOWARD DISHWASH UNIT.

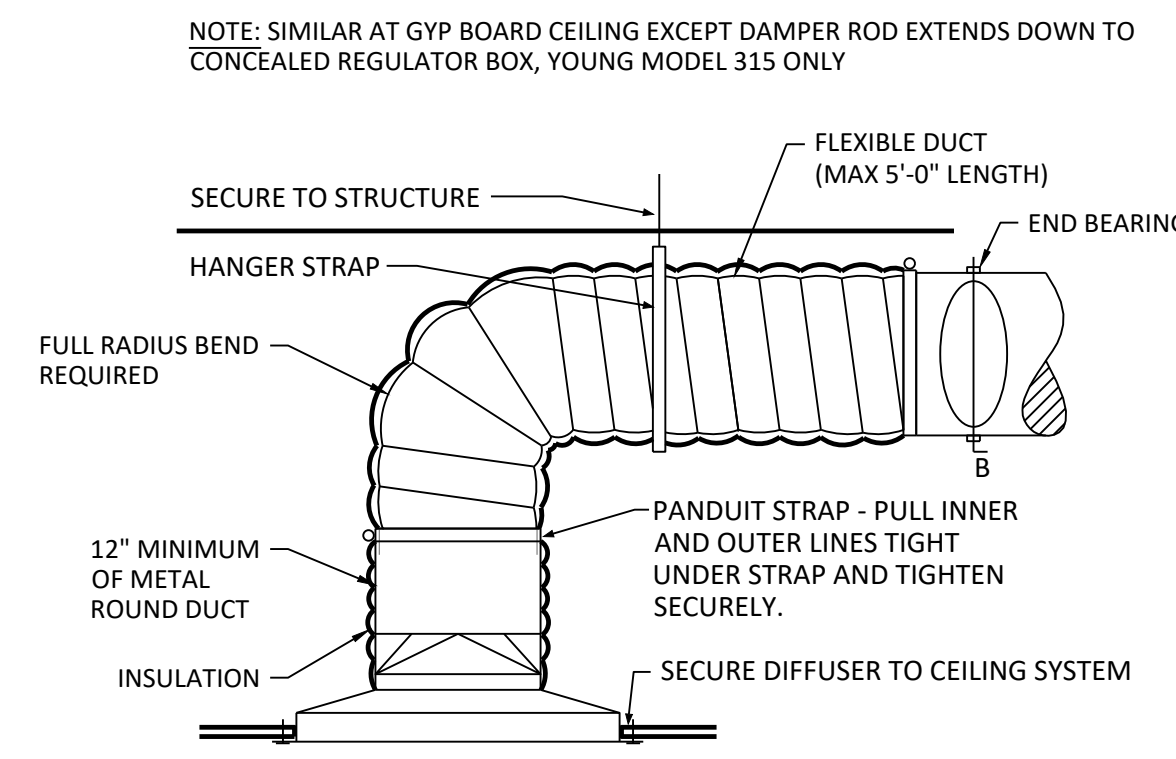


1
M2.1 1/4"=1'-0" RESTROOM, LOCKER AND DISHWASHING ROOM - HVAC

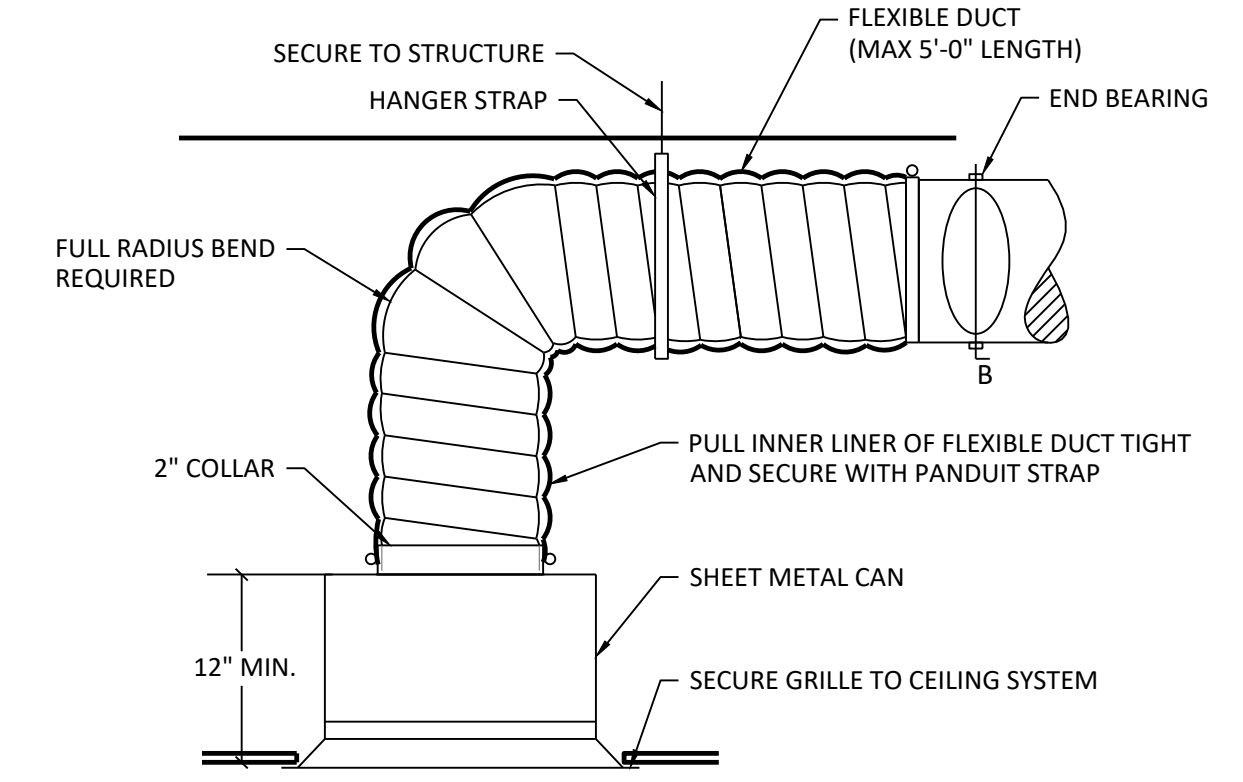




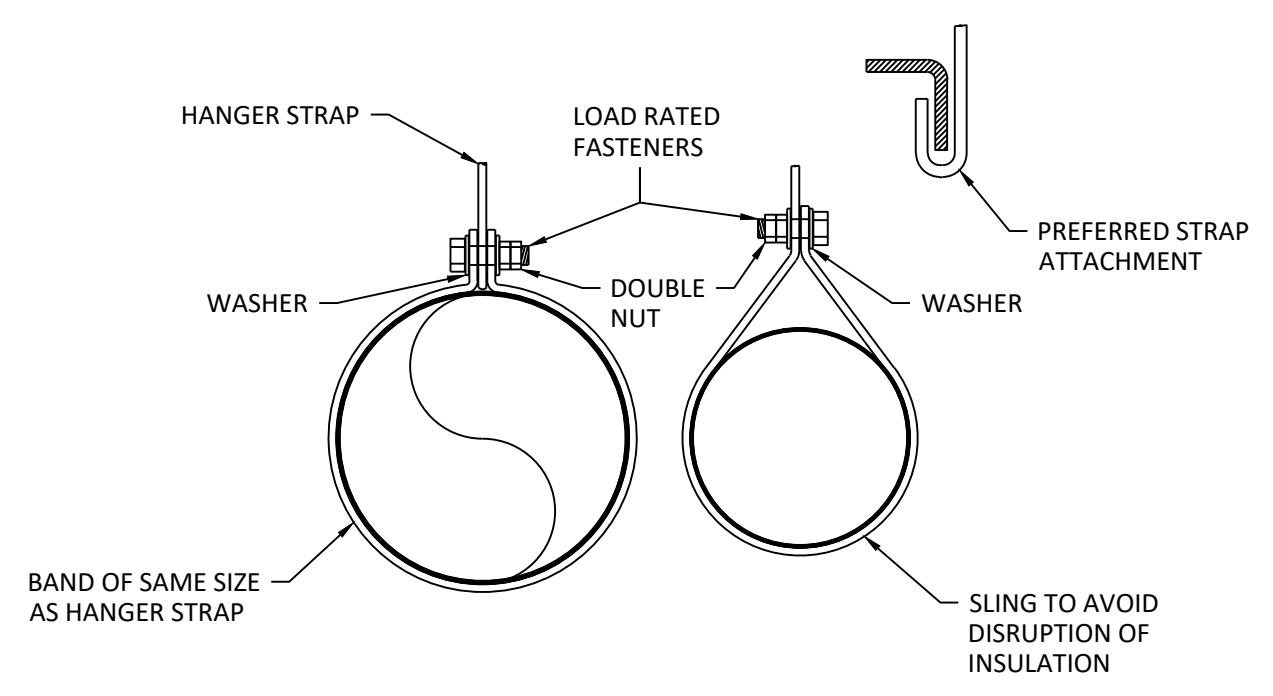
1 TYP. LOW VELOCITY DUCT CONSTRUCTION
M3.1 NTS



2 DIFFUSER INSTALLATION
M3.1 NTS



3 TOP CONNECTION AT GRILLE
M3.1 NTS



4 ROUND DUCT LOWER HANGER ATTACHMENT
M3.1 NTS



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MECHANICAL
DETAILS

REGISTERED PROFESSIONAL
ENGINEER
8075SPE
Adam T. Boyd
OREGON
JANUARY 8, 2015
ADAM T. BOYD
EXP. 12-31-21

SCALE:

DRAWING DATE
12-21-2021

SHEET NO.
M3.1

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PLUMBING LEGEND

VALVE SYMBOLS

SYMBOL	IDENTIFICATION
	GATE VALVE
	GATE VALVE; VERTICAL ORIENTATION
	SHUT-OFF VALVE
	GAS PRESSURE REGULATOR
	BALL VALVE
	GLOBE VALVE
	BUTTERFLY VALVE
	BALANCING VALVE
	CIRCUIT SETTER
	SOLENOID VALVE
	PRESSURE REDUCING VALVE
	TEMPERATURE AND PRESSURE RELIEF VALVE
	ANGLE VALVE
	ANGLE VALVE; VERTICAL ORIENTATION
	PRESSURE REGULATING VALVE
	CHECK VALVE
	WYE STRAINER
	REDUCED PRESSURE ZONE ASSEMBLY
	DOUBLE CHECK ASSEMBLY

PIPING SYMBOLS

SYMBOL	IDENTIFICATION
	COLD WATER PIPE; SIZES AS SHOWN ON PLANS
	HOT WATER PIPE; SIZES AS SHOWN ON PLANS
	HOT WATER RETURN PIPE; SIZES AS SHOWN ON PLANS
	WASTE PIPE; SIZES AS SHOWN ON PLANS
	VENT PIPE; SIZES AS SHOWN ON PLANS
	PIPE BELOW GRADE; SIZES AS SHOWN ON PLANS
	GREASE WASTE PIPE; SIZED AS SHOWN ON PLANS
	PIPE CONTINUED
	PIPE UP
	PIPE DROP
	PIPE DROP AT TEE
	PIPE CAP
	PIPE UP OR DOWN THROUGH LEVEL
	PIPE TRANSITION
	TEE
	TEE; ISOMETRIC VIEW
	FLEXIBLE CONNECTION
	PRESSURE/TEMPERATURE PLUG
	UNION
	WATER HAMMER ARRESTOR
	GRADE CLEANOUT OR FLOOR CLEANOUT
	WALL CLEANOUT
	THERMOMETER
	PRESSURE GAUGE
	TEMPERATURE GAUGE
	ACCESS DOOR
	WATER HAMMER ARRESTOR

ABBREVIATIONS

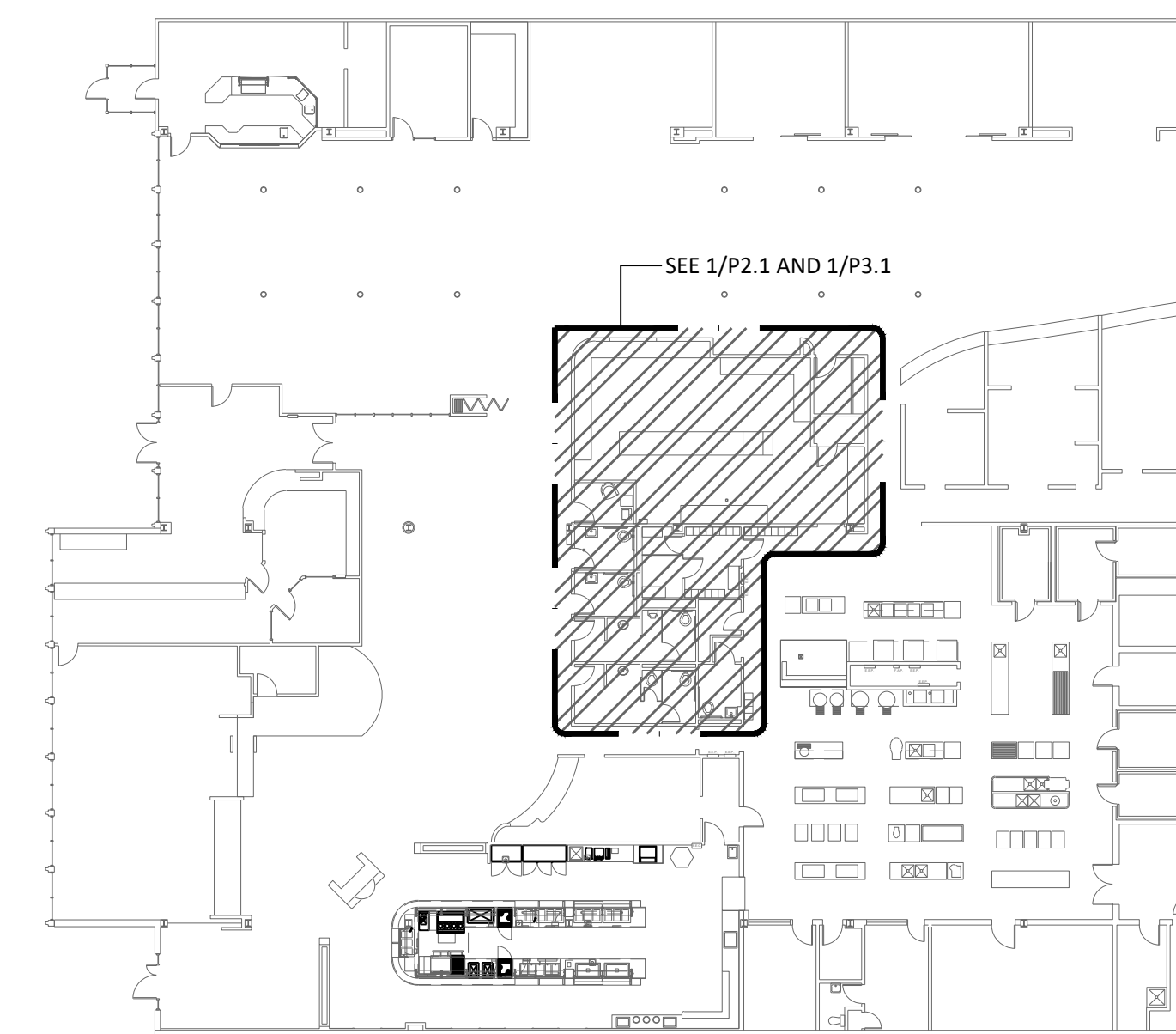
ABBRV.	IDENTIFICATION
Ø	DIAMETER
&	AND
AD	ACCESS DOOR
AFF	ABOVE FINISH FLOOR
BTU	BRITISH THERMAL UNITS
COND	CONDENSATE
CONT	CONTINUED
COORD	COORDINATE
CONST	CONSTRUCTION
CW	COLD WATER (DOMESTIC)
DN	DOWN
DWGS	DRAWINGS
(E)	EXISTING TO REMAIN
EFF	EFFICIENCY
ETC	ETCETERA
FC	FLEXIBLE CONNECTION
FCO	FLOOR CLEANOUT
FLA	FULL-LOAD AMPERES
FLR	FLOOR
FPM	FEET PER MINUTE
FT	FEET
FT HD	FEET HEAD
GA	GAUGE
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GCO	GRADE CLEANOUT
GPM	GALLONS PER MINUTE
GPR	GAS PRESSURE REGULATOR
GV	GLOBE VALVE
GW	GREASE WASTE
HP	HORSEPOWER
HW	HOT WATER
HWR	HOT WATER RETURN
ID	INSIDE DIAMETER
IE	INVERT ELEVATION
IN	INCHES
KW	KILOWATTS
LBS	POUNDS
MAX	MAXIMUM
MBH	1000 BTU PER HOUR
MC	MECHANICAL CONTRACTOR
MCA	MINIMUM CURRENT AMPACITY
MECH	MECHANICAL
MFR	MANUFACTURER
MIN	MINIMUM
MOC	MAXIMUM OVERCURRENT PROTECTION
(N)	NEW
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
OC	ON CENTER
OCC	OCCUPANCY
OD	OVERFLOW DRAIN
OPSC	OREGON PLUMBING SPECIALTY CODE
OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
PD	PRESSURE DROP
PH	PHASE
P/N	PART NUMBER
PRV	PRESSURE REDUCING VALVE
POC	POINT OF CONNECTION
PSI	POUNDS PER SQUARE INCH
QTY	QUANTITY
(R)	RELOCATE EXISTING
RM	ROOM
RPZA	REDUCED PRESSURE ZONE ASSEMBLY
SCFM	STANDARD CUBIC FEET PER MINUTE
SD	STORM DRAIN
SOV	SHUT-OFF VALVE
SQ	SQUARE
TOT	TOTAL
TYP	TYPICAL
UPC	UNIFORM PLUMBING CODE
V	VENT
W	WASTE
W/	WITH
WC	WATER COLUMN
WCO	WALL CLEANOUT

FIXTURE SYMBOLS

SYMBOL	IDENTIFICATION
	HOSE BIBB
	PUMP
	CIRCULATION PUMP
	FLOOR DRAIN
	FLOOR SINK

DESIGNATION SYMBOLS

SYMBOL	IDENTIFICATION
	GRID LINE DESIGNATOR
	SHEET KEYNOTE TAG
	CONTRACTOR EQUIPMENT TAG
	REVISION DELTA WITH REVISION NUMBER
	POINT OF CONNECTION



REFERENCE PLAN

DRAWING INDEX	
SHEET #	SHEET NAME
P0.1	PLUMBING LEGEND
P2.1	FLOOR PLAN - WASTE
3.1	FLOOR PLAN - WATER

COLEBREIT
ENGINEERING

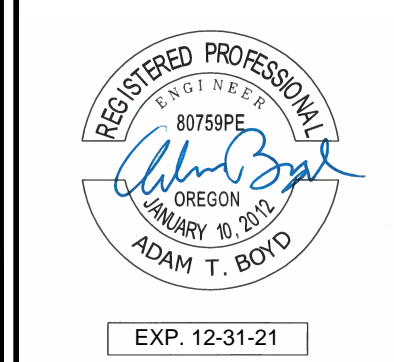


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LEGEND



SCALE:
DRAWING DATE
12-21-2021
SHEET NO.
P0.1
DRAWN BY: JRHH



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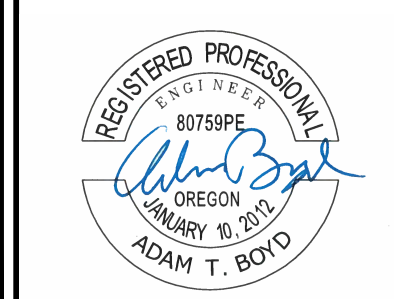
PLUMBING FIXTURE CONNECTIONS

MARK	FIXTURE DESCRIPTION	FIXTURE MANUFACTURER	MODEL NUMBER	CONNECTION SIZE			MINIMUM BRANCH SIZE				NOTES
				W	CW	HW	W	V	CW	HW	
WC-1	WATER CLOSET	AMERICAN STANDARD	3351	3"	1"	-	3"	2"	1-1/2"	-	WALL MOUNT, VITREOUS CHINA, ELONGATED BOWL. TOP SPUD SLOAN WES-111 DUAL FLUSH VALVE 1.1/1.6 GPF
WC-2	WATER CLOSET ADA	AMERICAN STANDARD	3351	3"	1"	-	3"	2"	1-1/2"	-	SAME AS WC-1 MOUNTED AT ADA ACCESSIBLE HEIGHT
LAV-1	WALL HUNG ADA	AMERICAN STANDARD	356	1-1/4"	1/2"	1/2"	1-1/4"	1-1/4"	1/2"	1/2"	VITREOUS CHINA, FRONT OVERFLOW, SELF-DRAINING DECK, SINGLE HOLE FAUCET. DELTA 583LF-WF SINGLE HANDLE DECK FAUCET ACORN ST70 THERMOSTATIC TEMPERING VALVE
LAV-2	COUNTER ADA	KOHLER	K-20000	1-1/4"	1/2"	1/2"	1-1/4"	1-1/4"	1/2"	1/2"	VITREOUS CHINA, RECTANGULAR, UNDERMOUNT WITH OVERFLOW, WHITE. DELTA 583LF-WF SINGLE HANDLE FAUCET ACORN ST70 THERMOSTATIC TEMPERING VALVE.
UR-2	URINAL	KOHLER	K-5452-ET-0	1-1/2"	3/4"	-	1-1/2"	1-1/2"	3/4"	-	WALL HUNG, ADA COMPLIANT, 3/4" SPUD, SINGLE CENTER HOLE WITH K-7546-CP 0.125 GPF SLOW CLOSING PISTON SENSOR FLUSH VALVE, BATTERY POWER.
SINK-1	SINGLE COMPARTMENT SINK	ELKAY	ELUHAD191655PD	1-1/2"	1/2"	1/2"	1-1/2"	1-1/4"	1/2"	1/2"	STAINLESS STEEL, SINGLE BOWL, UNDERMOUNT, ADA. DELTA 101LF-HDF SINGLE HANDLE FAUCET ACORN ST70 THERMOSTATIC TEMPERING VALVE.
FS-1	FLOOR SINK	J.R. SMITH	335-Y02	2"	-	-	2"	1-1/2"	-	-	INCLUDE: TRAP, TRAP PRIMER CONNECTION, AND 1/2 GRATE
FS-2	FLOOR SINK	J.R. SMITH	335-Y03	3"	-	-	3"	2"	-	-	INCLUDE: TRAP, TRAP PRIMER CONNECTION, AND 1/2 GRATE
TP-1	TRAP PRIMER	WATTS	LFTP	-	1/2"	-	-	-	1/2"	-	ACTIVATES ON PRESSURE DROP, LEAD FREE
FD-1	FLOOR DRAIN	JR SMITH	2051	2"	-	-	2"	1-1/2"	-	-	CHROME PLATED STRAINER, TRAP PRIMER CONNECTION
WCO	WALL CLEANOUT	-	-	-	-	-	-	-	-	-	

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EXP. 12-31-21

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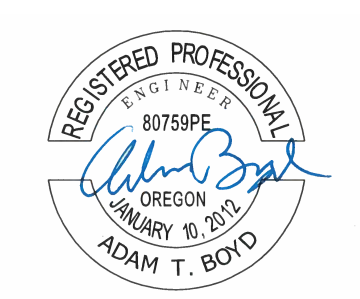


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PLUMBING
FLOOR PLANS
WASTE



EXP. 12-31-21

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

DRAWING DATE
12-21-2021

SHEET NO.

P2.1

DRAWN BY: JRHH

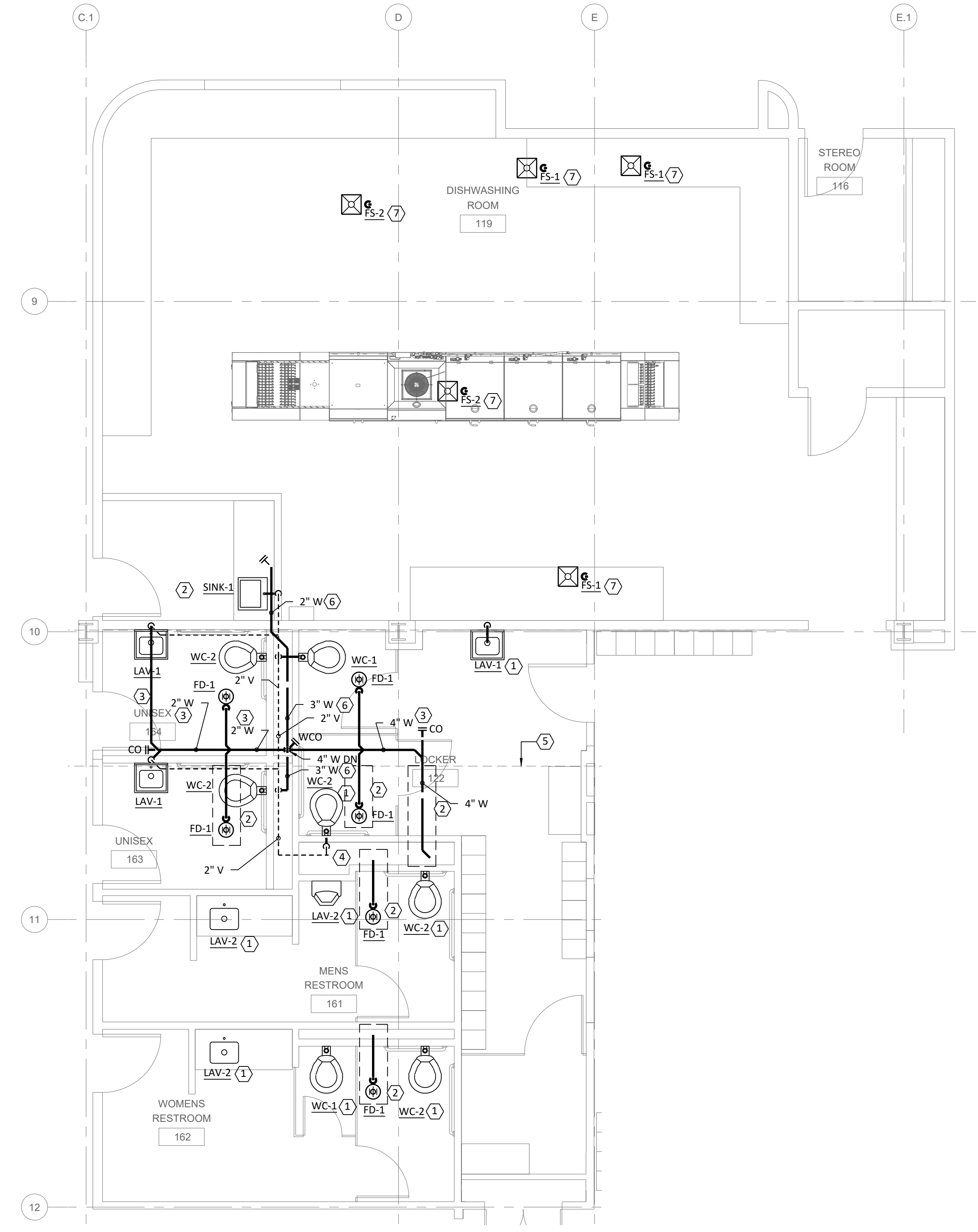


GENERAL SHEET NOTES

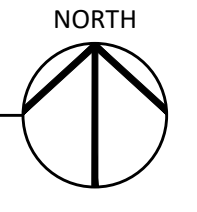
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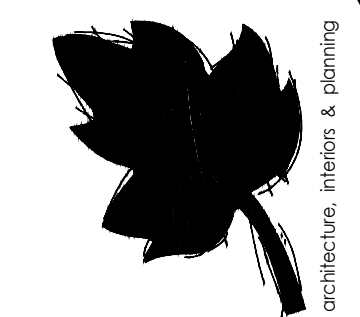
SHEET KEYNOTES

- 1. NEW PLUMBING FIXTURE PER PLUMBING SCHEDULE. RECONNECT TO EXISTING WASTE AND VENT PIPING. VERIFY AT SITE.
- 2. APPROXIMATE AREA OF FLOOR CUT FOR WASTE AND VENT PIPING INSTALLATION ON GRADE.
- 3. ROUTE WASTE LINES WITHIN UTILITY TUNNEL. SITE VERIFY ROUTING AND SPACING WITH EXISTING UTILITIES.
- 4. CONNECT NEW VENT LINES INTO EXISTING. VERIFY LOCATION.
- 5. APPROXIMATE LOCATION OF UTILITY TUNNEL IN BASEMENT. SHOWN FOR REFERENCE - SITE VERIFY.
- 6. WASTE PIPING ROUTED IN PLUMBING CHASE.
- 7. NEW FLOOR DRAIN/FLOOR SINK TO REPLACE EXISTING RECONNECT TO EXISTING WASTE, VENT, AND TRAP PRIMER CONNECTIONS.



1 RESTROOM, LOCKER AND DISHWASHING ROOM - WASTE
P2.1 1/4"=1'-0"



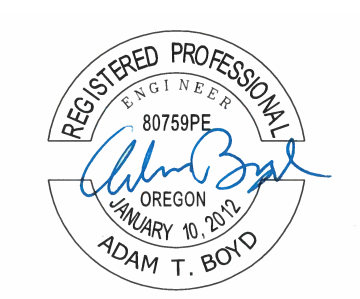


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PLUMBING
FLOOR PLANS
WATER



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

DRAWING DATE
12-21-2021

SHEET NO.

P3.1

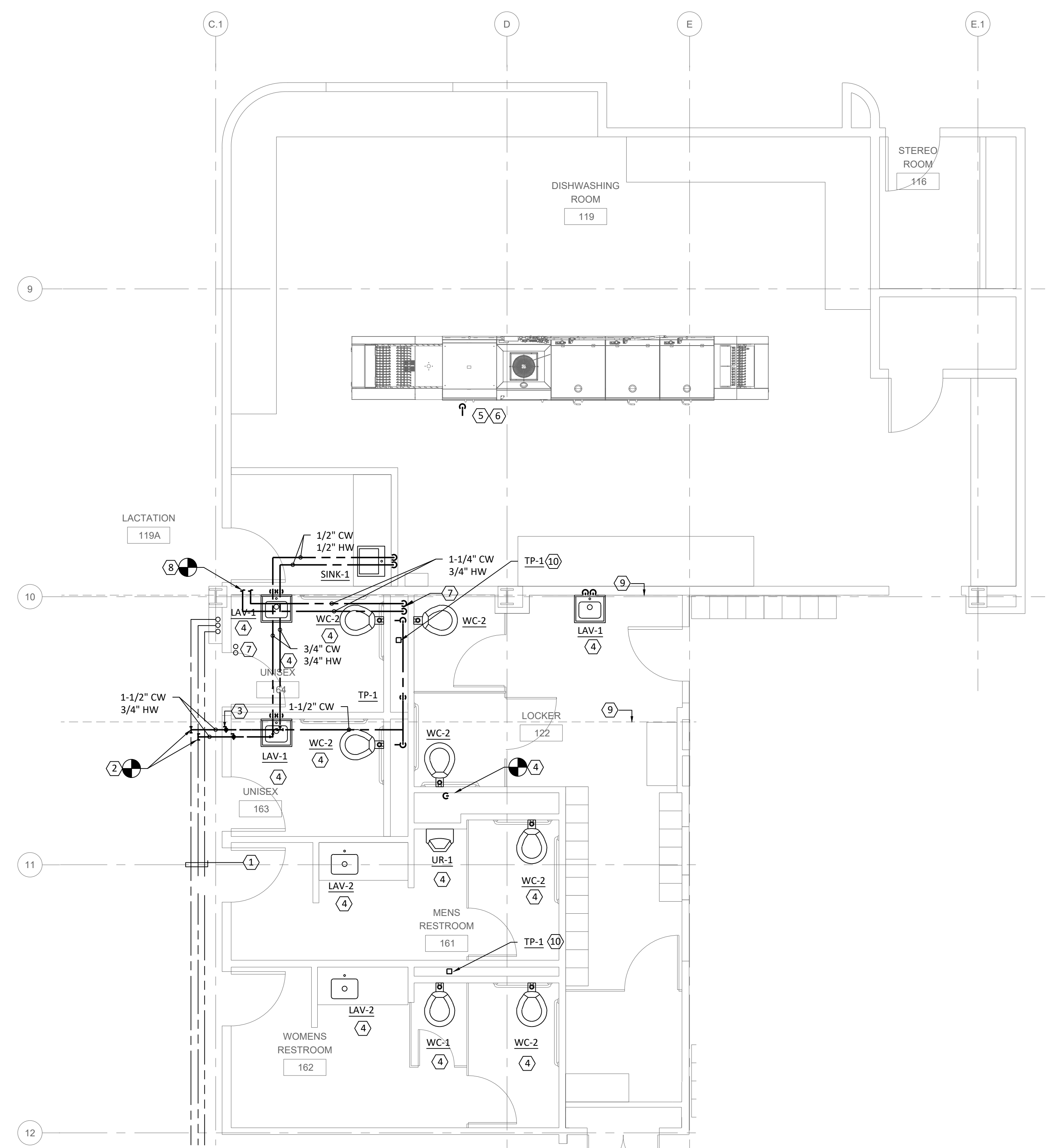
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GENERAL SHEET NOTES

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SHEET KEYNOTES

- 1. EXISTING CW, HW AND HWR PIPING ABOVE CEILING. VERIFY SIZE AND LOCATION.
- 2. CONNECT NEW CW, HW TO EXISTING PIPING.
- 3. PROVIDE NEW ISOLATION VALVES IN EACH. PROVIDE CEILING ACCESS FOR VALVES.
- 4. CONNECT NEW FIXTURE TO EXISTING CW AND HW. VERIFY ON SITE.
- 5. CONNECT NEW DISHWASH UNIT TO EXISTING STEAM, HW AND CW PER MANUFACTURER'S INSTALLATION DETAILS.
- 6. NEW DISHWASH UNIT INSTALLED BY GENERAL CONTRACTOR.
- 7. RELOCATE EXISTING PIPING TO NEW LOCATION IN PLUMBING CHASE. REROUTE PIPING IN UTILITY TUNNEL BELOW TO NEW LOCATION.
- 8. CONTINUE RE-ROUTED PIPING AND TIE INTO EXISTING. APPROXIMATE POINT OF CONNECTION INDICATED. VERIFY AT SITE.
- 9. LOCATION OF EXISTING UTILITY TUNNEL BELOW, SHOWN FOR REFERENCE. VERIFY AT SITE.
- 10. TRAP PRIMER VALVE, CONNECT TO CW NEAR FLUSH VALVE. PROVIDE ACCESS PANEL.



1 RESTROOM, LOCKER AND DISHWASHING ROOM - WATER
 P3.1 1/4"=1'-0"

ELECTRICAL LEGEND

POWER SYMBOLS

SYMBOL	IDENTIFICATION
	MOTOR CONNECTION
	FUSED DISCONNECT SWITCH XX/XX/XX = AMP SWITCH/POLES/AMP FUSE
	NON-FUSED DISCONNECT SWITCH XX/XX/XX = AMP SWITCH/POLES/AMP FUSE
	JUNCTION BOX
	C = CEILING MOUNTED
	JUNCTION BOX; WALL MOUNTED
	JUNCTION BOX WITH WHIP-STYLE CONNECTION TO POWERED FURNITURE; POWER AND/OR DATA
	TRANSFORMER; BOTTOM OF T DESIGNATES FRONT SIDE
	PANELBOARD OR TERMINAL CABINET; SURFACE MOUNTED
	PANELBOARD OR TERMINAL CABINET; FLUSH MOUNTED

	TRANSFORMER
	STATIONARY - CIRCUIT BREAKER; RATING AS SHOWN ON PLANS
	DISCONNECT; RATING AS SHOWN ON PLANS
	GROUNDING POINT
	UTILITY METER

CONDUIT SYMBOLS

SYMBOL	IDENTIFICATION
	CONDUIT INSTALLED ABOVE FINISHED FLOOR OR GRADE
	CONDUIT INSTALLED BELOW FINISHED FLOOR OR BELOW GRADE
	INDICATES CONDUIT TURNING UP
	CONDUIT HOMERUN; ROUTE TO PANELBOARD, CABINET, OR TERMINAL BOARD INDICATED, AND TERMINATE CONDUCTORS TO CIRCUIT OVER CURRENT PROTECTIVE DEVICE

LIGHTING SYMBOLS

SYMBOL	IDENTIFICATION
	LUMINAIRE; CEILING OR SURFACE MOUNTED
	LUMINAIRE; CEILING OR SURFACE MOUNTED
	LUMINAIRE; WALL MOUNTED
	LUMINAIRE ON EMERGENCY POWER
	EXIT SIGN; CEILING MOUNTED; ARROWS AND FACES AS SHOWN ON PLANS
	EXIT SIGN; WALL MOUNTED; ARROWS AND FACES AS SHOWN ON PLANS
	EXIT SIGN; WALL MOUNTED; ARROWS AND FACES AS SHOWN ON PLANS

DESIGNATION SYMBOLS

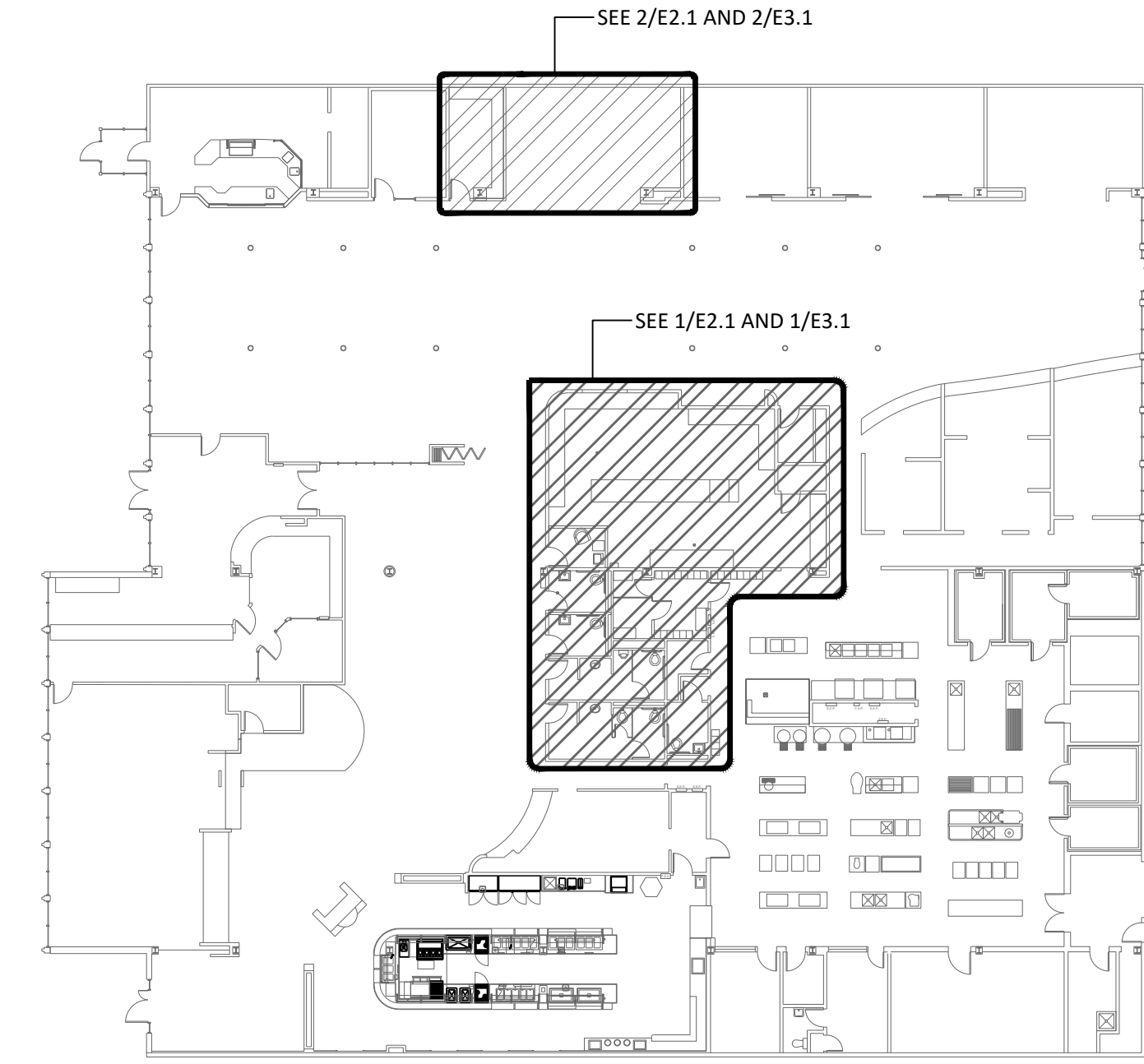
SYMBOL	IDENTIFICATION
	GRID LINE DESIGNATOR
	FEEDER DESIGNATION TAG
	SHEET KEYNOTE TAG
	MECHANICAL EQUIPMENT TAG
	CONTRACTOR EQUIPMENT TAG
	REVISION DELTA WITH REVISION NUMBER
	LETTER INDICATES FIXTURES CONTROL (WHERE SHOWN)
	NUMBER INDICATES CIRCUIT NUMBER (WHERE SHOWN)

WIRING DEVICE SYMBOLS

SYMBOL	IDENTIFICATION
	20A, 125V, DUPLEX RECEPTACLE OUTLET
	20A, 125V, DOUBLE DUPLEX RECEPTACLE OUTLET
	SPECIAL PURPOSE RECEPTACLE OUTLET; RATING AS SHOWN; +18" AFF TP CENTERLINE
	20A, 125V, SINGLE RECEPTACLE OUTLET
	A = ABOVE COUNTER AG = ABOVE COUNTER GFCI AU = ABOVE COUNTER AND USB PORTS C = CEILING MOUNTED G = GFCI S = SWITCHED RECEPTACLE U = WITH (2) USB PORTS W = WEATHERPROOF COVER AND GFCI
	20A, 125V, DUPLEX RECEPTACLE OUTLET; FLOOR RECESSED
	20A, 125V, DOUBLE DUPLEX RECEPTACLE OUTLET; FLOOR RECESSED
	2-CHANNEL FLOOR BOX W/ (2) GANG POWER / (2) GANG DATA; PROVIDE 1" C. FROM EACH DATA OUTLET TO ACCESSIBLE CEILING SPACE. BASIS-OF-DESIGN: WIREMOLD 'RFB4'.
	SINGLE POLE SWITCH
	3 = THREE WAY SWITCH 4 = FOUR-WAY SWITCH D = DIMMER SWITCH K = KEY OPERATED SWITCH M = MOTOR RATED SWITCH T = INTERVAL TIMER V = LOW VOLTAGE SWITCH W = SINGLE POLE WEATHERPROOF SWITCH
	GLASS BREAK EPO SWITCH
	SENSOR SWITCH; WALL MOUNTED
	OCCUPANCY LIGHT CONTROL SWITCH; CEILING MOUNTED
	OCCUPANCY LIGHT CONTROL SWITCH; WALL MOUNTED
	D = DUAL TECH SENSOR V = DUAL TECH WITH VACANCY SENSOR MODE
	HORN
	HORN/STROBE COMBINATION

ABBREVIATIONS

ABBRV.	IDENTIFICATION
AC	ALTERNATING CURRENT
AFF	ABOVE FINISH FLOOR
AF	FRAME RATING IN AMPERES
AS	SWITCH RATING IN AMPERES
AT	TRIP RATING IN AMPERES
ATS	AUTOMATIC TRANSFER SWITCH
AV	AUDIO VISUAL
C	CONDUIT
CFCI	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED
CFOI	CONTRACTOR FURNISHED, OWNER INSTALLED
CEC	CALIFORNIA ELECTRIC CODE
CL	CENTERLINE
CONN	CONNECTED
DC	DIRECT CURRENT
DPDT	DOUBLE POLE, DOUBLE THROW
DPST	DOUBLE POLE SINGLE THROW
(E)	EXISTING TO REMAIN
EMT	ELECTRO METALLIC TUBING
EWC	ELECTRIC WATER COOLER
EWH	ELECTRIC WATER HEATER
FVNR	FULL-VOLTAGE, NON-REVERSING
FVR	FULL-VOLTAGE, REVERSING
G	GROUND
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GND	GROUND
IG	ISOLATED GROUND
LR	LIGHTING RELAY CABINET
NEC	NATIONAL ELECTRIC CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION
NTS	NOT TO SCALE
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
PH	PHASE
PVC	POLYVINYL CHLORIDE CONDUIT
(R)	RELOCATE EXISTING
RSC	RIGID STEEL CONDUIT
SPD	SURGE PROTECTION DEVICE
SPDT	SINGLE POLE, DOUBLE THROW
SPST	SINGLE POLE, SINGLE THROW
UON	UNLESS OTHERWISE NOTED
VFD	VARIABLE FREQUENCY DRIVE
W	WEATHERPROOF
W/	WITH
(X)	REMOVE EXISTING
XFMR	TRANSFORMER



REFERENCE PLAN

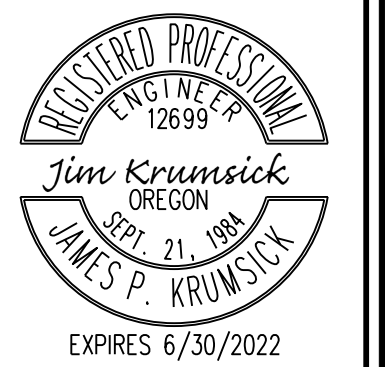
LEGEND NOTES:

- A. ALL SYMBOLS MAY NOT BE USED IN THIS PROJECT.
- B. SYMBOLS DO NOT ALWAYS REPRESENT REAL LIFE DIMENSIONS.
- C. SEE BOOK SPECIFICATIONS FOR ADDITIONAL INFORMATION.

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION / MOUNTING	FINISH	LISTINGS	DRIVER/POWER SUPPLY	LAMP(S)	INPUT POWER		MFG/CATALOG #	NOTES
						WATTS	UNIT		
R1	2X4 LED TROFFER	WHITE	UL	D-10V INTEGRAL DIMMING DRIVER, 120V	LED, 3500K, 7579 LUMENS, 90 CRI	67	EA	LITHONIA 2BLTX4 72L AD5M 120 GZ10 LP935 MSDPDT7ADCX	
S1	SURFACE MOUNT ROUND LED	WHITE	CSA	D-10V INTEGRAL DIMMING DRIVER, 120V	LED, 3500K, 1300 LUMENS, 90 CRI	15	EA	JUNO JSF 11IN 13LM 35K 90CRI MVOLT ZT WH	
S2	SURFACE MOUNT LINEAR LED	WHITE	TBD	D-10V INTEGRAL DIMMING DRIVER, 120V	LED, 3500K, TBD LUMENS, 90 CRI	TBD	EA	TBD	
V1	VANITY LED	WHITE	CSA	D-10V INTEGRAL DIMMING DRIVER, 120V	LED, 3500K, 1990 LUMENS, 85 CRI	20	EA	EUREKA BOLT 3544-24-35-120-DV-FRO	
NOTES: 1 THIS LUMINAIRE SCHEDULE IS NOT COMPLETE WITHOUT A COPY OF THE PROJECT MANUAL CONTAINING THE ELECTRICAL SPECIFICATIONS. 2 DIMMING CONTROL PROTOCOL (0-10VDC, LINE VOLTAGE, DALI, ETC.) COMPATIBLE WITH LIGHTING CONTROL SYSTEM AS SPECIFIED AND SHOWN ON DRAWINGS. 3 PROVIDE +/- 12 INCH ADJUSTABILITY IN AIRCRAFT CABLE LENGTH WHERE USED. 4 COORDINATE ALL CEILING TYPES WITH LUMINAIRE LOCATIONS PRIOR TO ORDERING LUMINAIRES. COORDINATE INSTALLATION WITH REFLECTED CEILING PLAN. 5 SPECIFIED MANUFACTURERS ARE APPROVED TO SUBMIT BID. INCLUSION DOES NOT RELIEVE MANUFACTURER FROM SUPPLYING PRODUCT AS DESCRIBED. 6 PROVIDE SUBMITTALS THAT INCLUDE THE LUMINAIRE, LAMP AND BALLAST INFORMATION OF EACH LUMINAIRE, WITH APPLICABLE OPTIONS CLEARLY CHECKED OR HIGHLIGHTED. SUBMITTALS NOT INCLUDING THIS INFORMATION WILL BE RETURNED AS REJECTED BY THE ENGINEER OF RECORD. 7 REMOTE BALLASTS/DRIVERS: UL LISTED FOR THEIR APPLICATION. BALLASTS/DRIVERS MARKED AS UL RECOGNIZED COMPONENT BUT NOT UL LISTED ARE SUBJECT TO REMOVAL AND REPLACEMENT AT NO COST TO OWNER. 8 PROVIDE COMMISSIONING OF THE LIGHTING AND LIGHTING CONTROLS IN ACCORDANCE WITH OREGON STATE LIGHTING COMMISSIONING REQUIREMENTS.									

DRAWING INDEX	
SHEET #	SHEET NAME
E0.1	ELECTRICAL - LEGEND AND LUMINAIRE SCHEDULE
E2.1	ELECTRICAL - FLOOR PLAN - LIGHTING
E3.1	ELECTRICAL - FLOOR PLAN - POWER
E4.1	ELECTRICAL - ONE-LINE DIAGRAM





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OSU
McNARY HALL
DINING
RESTROOM
PERMIT-BID
SET

ELECTRICAL
FLOOR PLANS
LIGHTING



SCALE: 3/8" = 1'-0"

DRAWING DATE
12-21-2021

SHEET NO.

E2.1

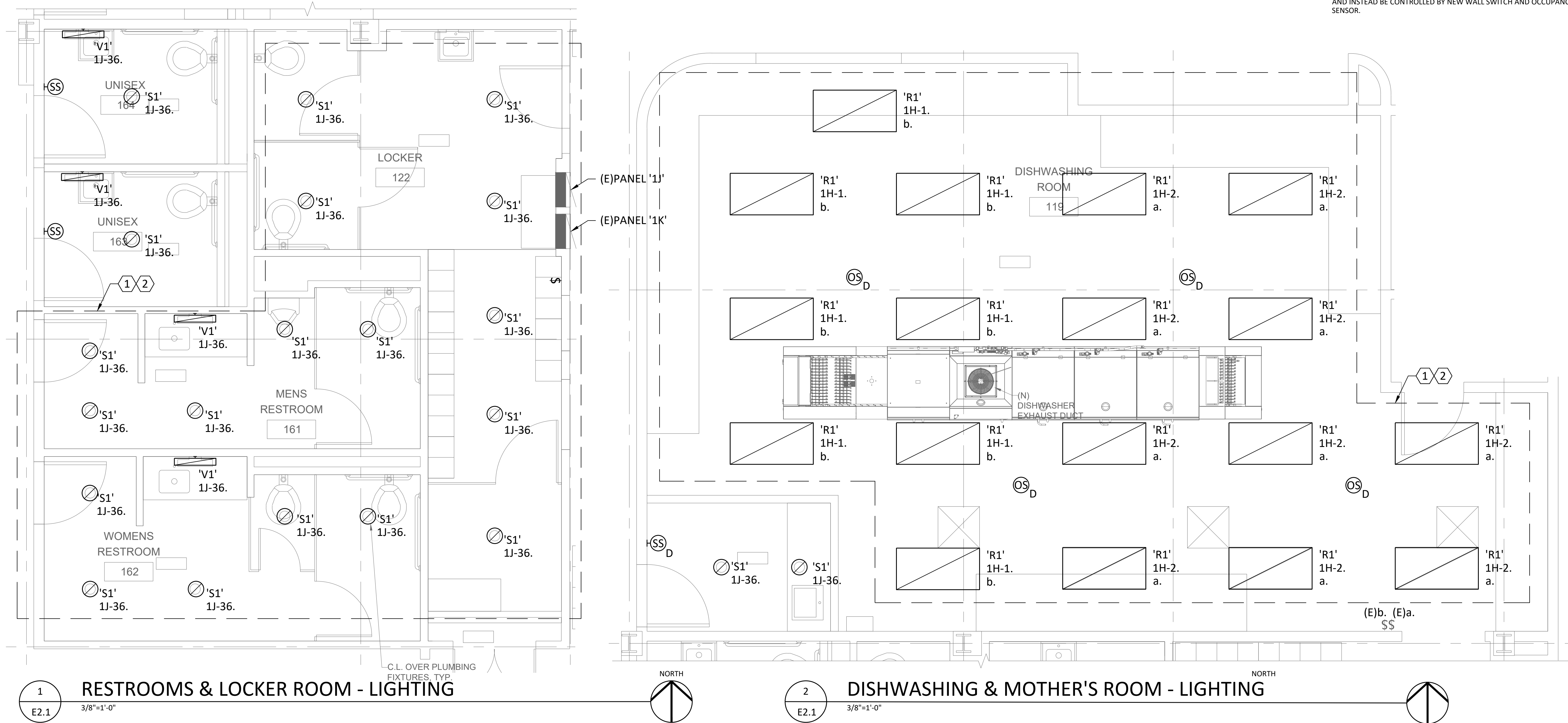
DRAWN BY: PHN

GENERAL SHEET NOTES

- A. WIRING METHODS PER APPLICABLE SPACES ARE PER NEC.
- B. SEE PROJECT MANUAL SPECIFICATIONS FOR ADDITIONAL INFORMATION.

SHEET KEYNOTES

- 1. LUMINAIRES IN THIS AREA ARE ONE-TO-ONE REPLACEMENTS. DISCONNECT AND RECONNECT CIRCUITING AT LUMINAIRES AND UTILIZE EXISTING CIRCUITING TO PANELBOARDS.
- 2. LUMINAIRES IN THIS AREA TO UTILIZE EXISTING CONTROLS.
- 3. LUMINAIRES IN THIS AREA TO BE REMOVED FROM EXISTING CONTROL SYSTEM AND INSTEAD BE CONTROLLED BY NEW WALL SWITCH AND OCCUPANCY SENSOR.



1 RESTROOMS & LOCKER ROOM - LIGHTING
3/8"=1'-0"

2 DISHWASHING & MOTHER'S ROOM - LIGHTING
3/8"=1'-0"



OSU
McNARY HALL
DINING
RESTROOM

PERMIT - BID
SET

ELECTRICAL
FLOOR PLANS
POWER



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

DRAWING DATE
12-21-2021

SHEET NO.
E3.1

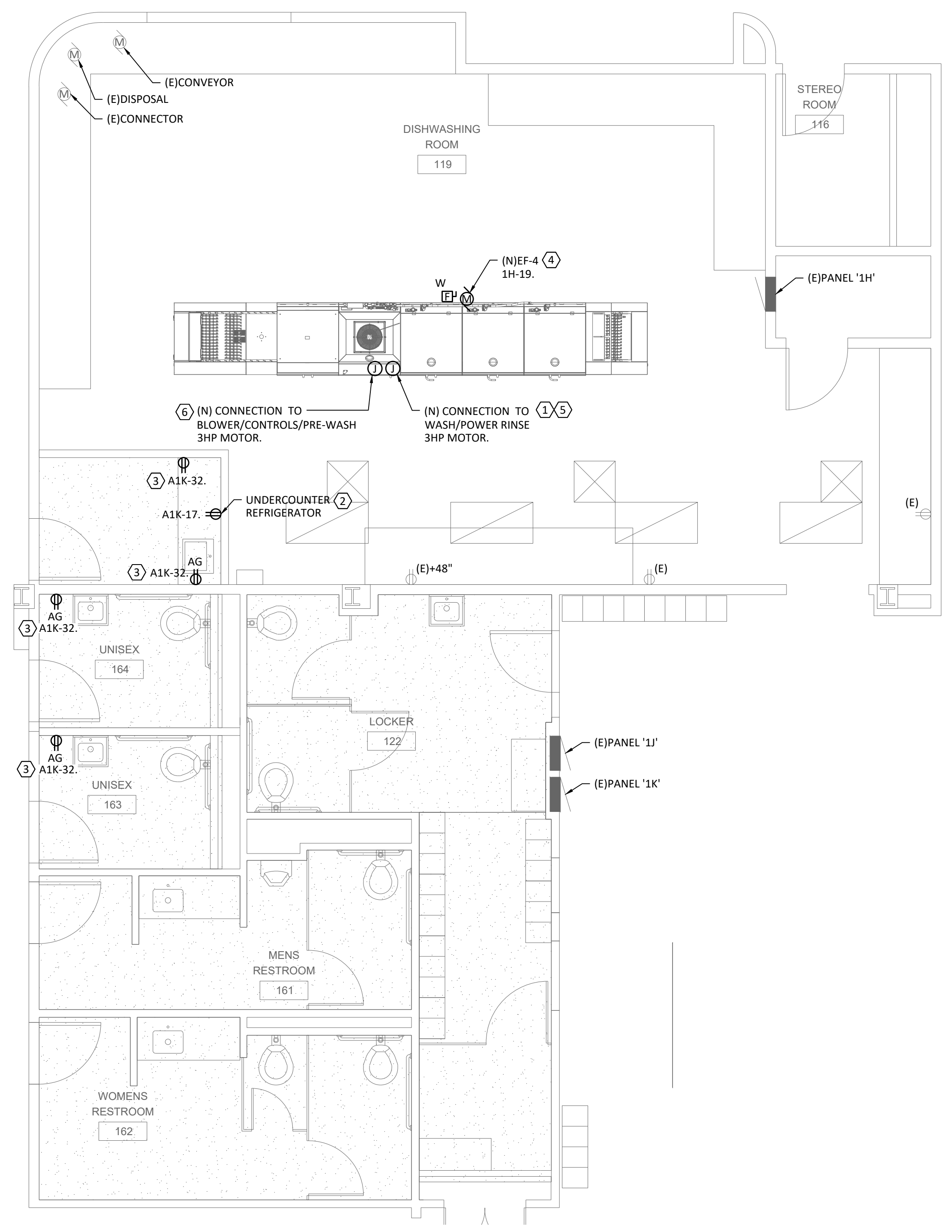
DRAWN BY: PHN

GENERAL SHEET NOTES

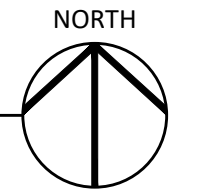
- A. WIRING METHODS PER APPLICABLE SPACES ARE PER NEC.
- B. SEE PROJECT MANUAL SPECIFICATIONS FOR ADDITIONAL INFORMATION.

SHEET KEYNOTES

1. EXISTING DISHWASHER TO BE DEMOLISHED. REPLACE EXISTING DISHWASHER CIRCUIT WITH (2) NEW DISHWASHER CIRCUIT(S) & (2) NEW ELECTRICAL CONNECTION(S). SEE SHEET NOTES 5,6 BELOW FOR DETAILS.
2. PROVIDE NEW 20A/1P BREAKER IN (E) SPACE OF (E) PANEL '1K'.
3. UTILIZE (E) 20A/1P BREAKER IN (E) PANEL '1K'.
4. EXISTING EF-4 TO BE DEMOLISHED. (N) 1/2 HP, 120V EF-4 TO BE INSTALLED. REUSE AND RECONNECT EXISTING CONDUCTORS. PROVIDE NEW HD 120V 20AS/15AF N3R AC DISCONNECT.
5. PROVIDE (N) 35A/3P BREAKER/CKT IN EXISTING PANEL 1H/X,X,X FOR WASH/POWER RINSE ELECTRICAL CONNECTION: 3HP MOTOR. SEE CUT SHEET SHEET ON NEW DISHWASHER: LEGEND CALL OUT 'B'.
6. PROVIDE (N) 30A/3P BREAKER/CKT IN EXISTING PANEL 1H/X,X,X FOR BLOWER/CONTROLS/PRE-WASH ELECTRICAL CONNECTION: 3HP MOTOR. SEE CUT SHEET ON NEW DISHWASHER: LEGEND CALL OUT 'C'.



1 RESTROOM, LOCKER AND DISHWASHING ROOM - POWER
E3.1 1/4"=1'-0"





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DINING
RESTROOM
PERMIT-BID
SET

ELECTRICAL
ONE-LINE
DIAGRAM

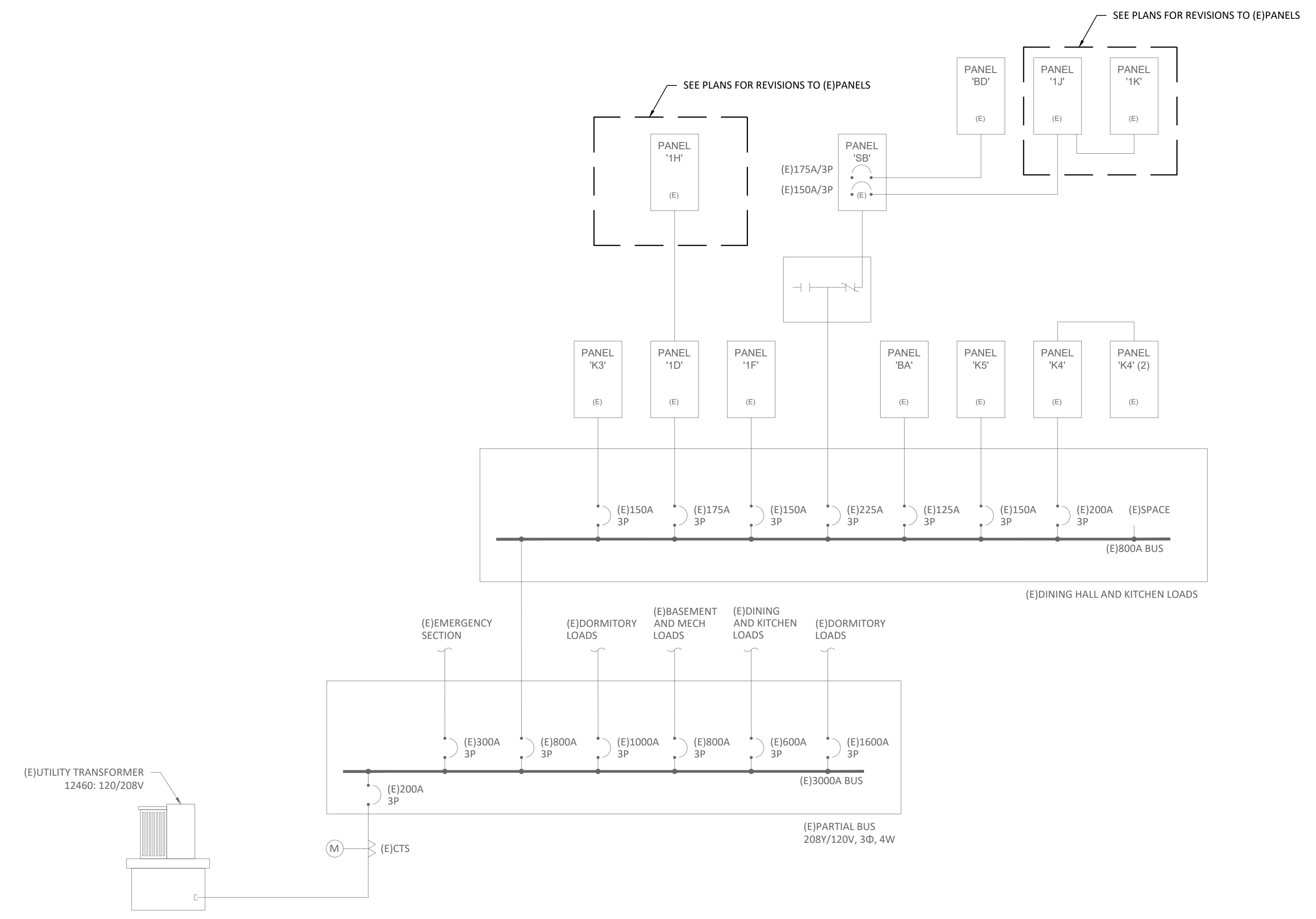


SCALE:

DRAWING DATE
12-21-2021

SHEET NO.
E4.1

DRAWN BY: PHN



1 ONE-LINE DIAGRAM
E4.1 NTS

