

CONVERSE **WINKLER** ARCHITECTURE 331 MONTGOMERY AVE BALA CYNWYD, PA 19144

ARCHITECTS: CONVERSE WINKLER ARCHITECTURE 331 Montgomery Avenue, Bala Cynwyd, PA, 19144

Contact: Elin Westrick e-mail: ewestrick@cwarc.com

**MEP ENGINEERS:** 

Arora Engineers, Inc. 61 Wilmington-West Chester F Chadds Ford, PA 19317 **ARORA**°

P (610) 459-7900 F (610) 459-7950 aroraengineers.com Contact: Kevin Sultanik

e-mail: ksultanik@aroraengineers.com

STRUCTURAL ENGINEERS: CSA GROUP 1341 NORTH DELAWARE AVENUE,

Ph: 215.427.8700 Fax: 215.427.8752

Contact: Wing Au



**REVISIONS:** Description

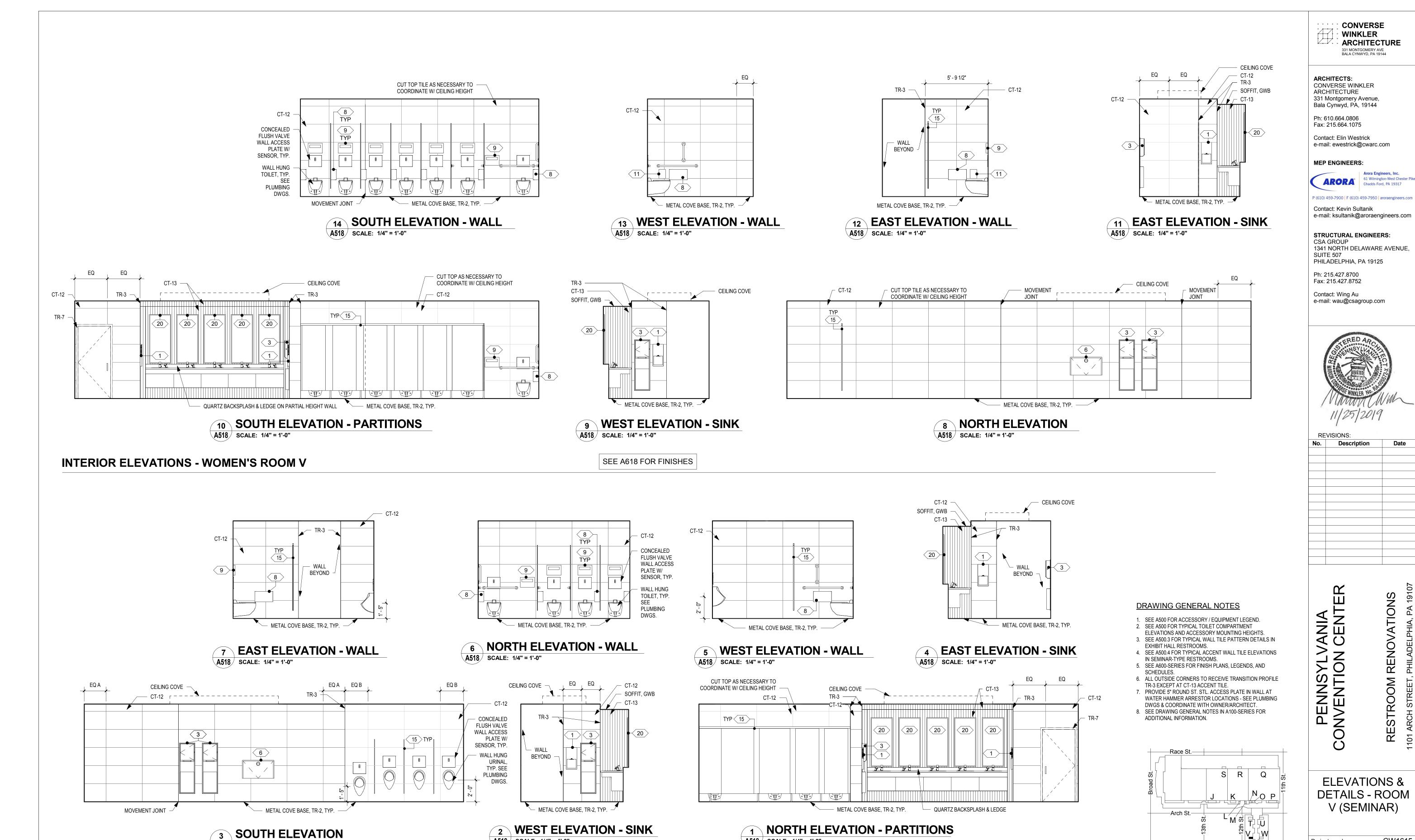
RESTROOM RENOVATIONS
101 ARCH STREET, PHILADELPHIA, PA 191

**ELEVATIONS & DETAILS - ROOM** T (SEMINAR)

CW1615 Project number November 25, 2019 LC/KR

EW

A516



A518 SCALE: 1/4" = 1'-0"

A518 SCALE: 1/4" = 1'-0"

SEE A618 FOR FINISHES

A518 SCALE: 1/4" = 1'-0"

**INTERIOR ELEVATIONS - MEN'S ROOM V** 

A518

Project number

Drawn by

Checked by

-Filbert St.-

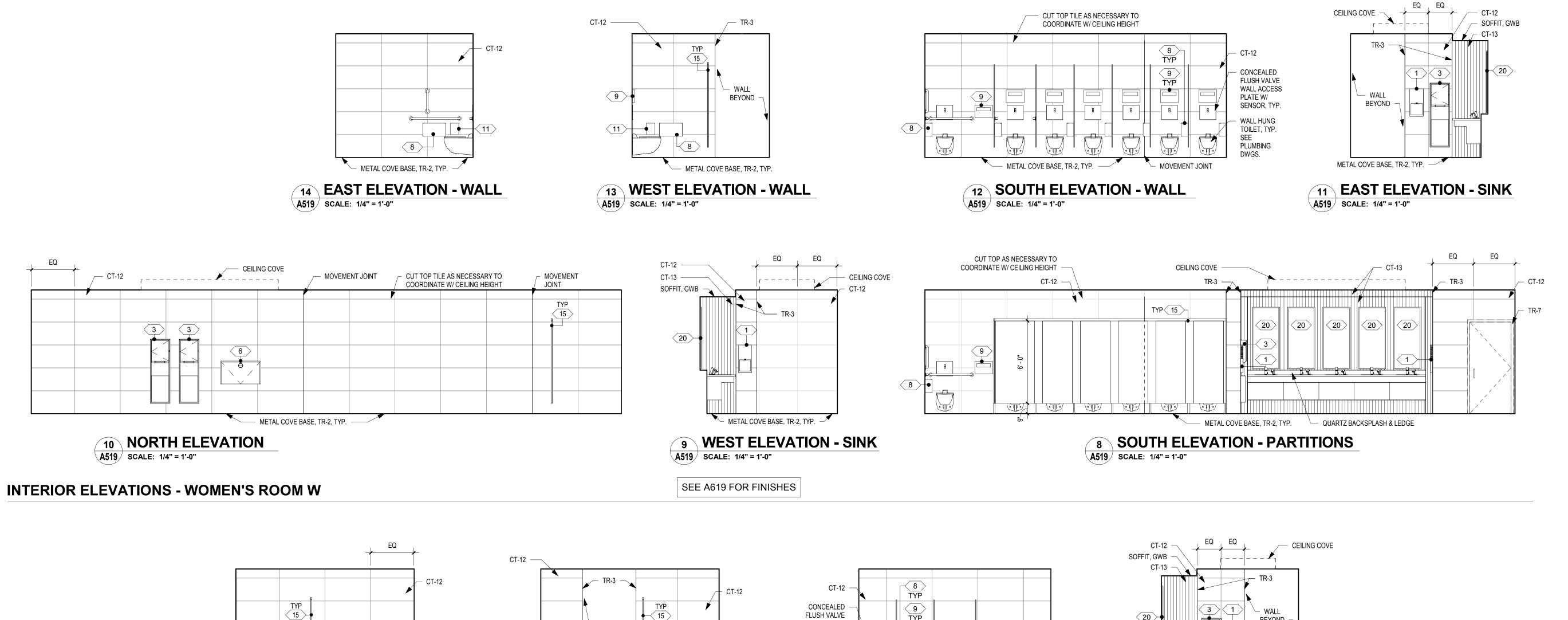
KEY PLAN - LEVEL 200

CW1615

LC/KR

EW

November 25, 2019



FLUSH VALVE WALL ACCESS PLATE W/

SENSOR, TYP.

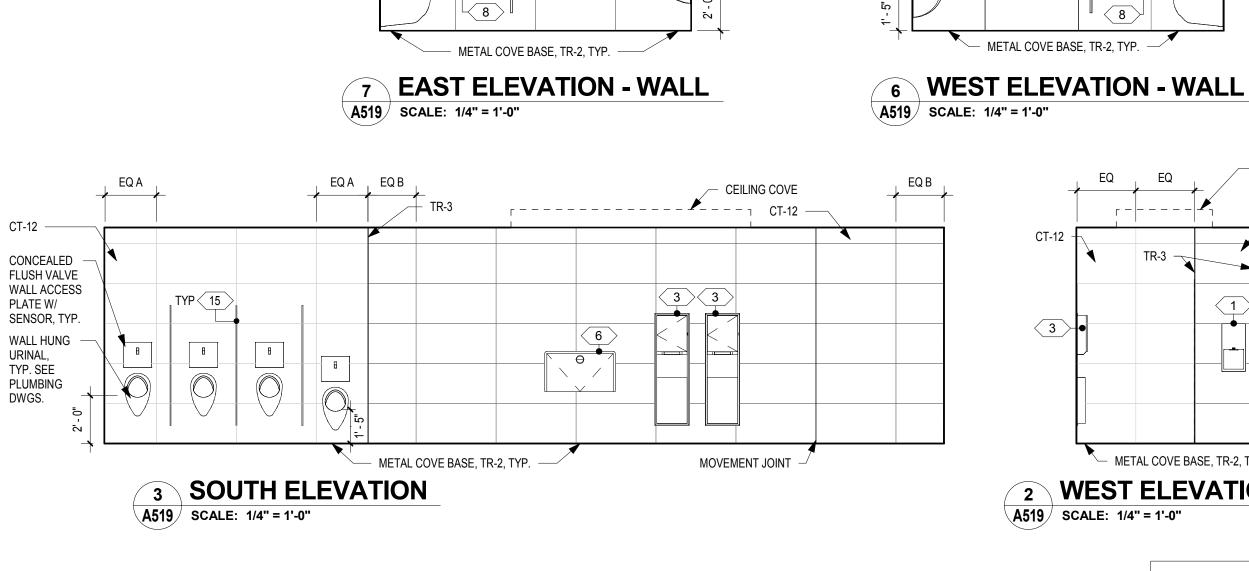
WALL HUNG TOILET, TYP.

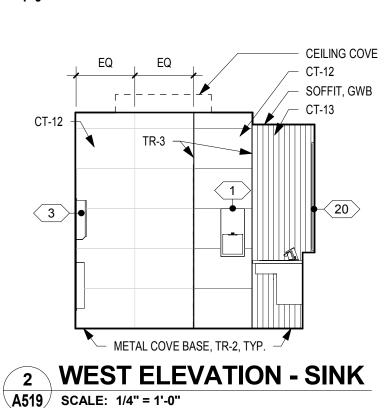
PLUMBING DWGS.

SEE

**5 NORTH ELEVATION - WALL** 

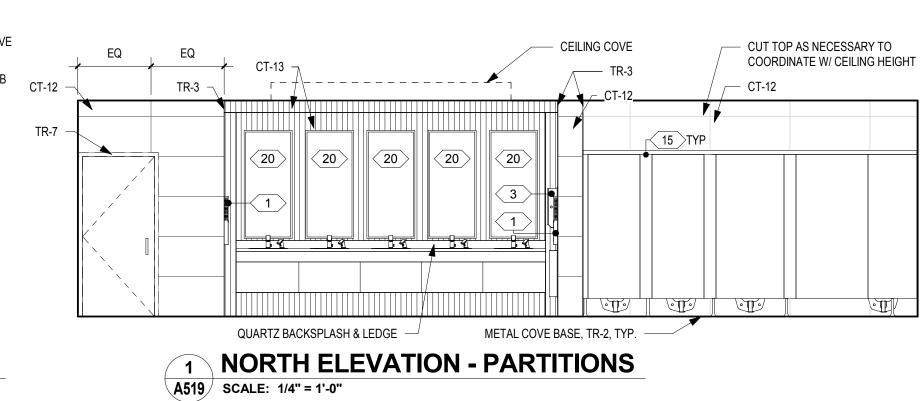
A519 SCALE: 1/4" = 1'-0"





(15)

BEYOND



20

A519 SCALE: 1/4" = 1'-0"

METAL COVE BASE, TR-2, TYP.

**EAST ELEVATION - SINK** 

**INTERIOR ELEVATIONS - MEN'S ROOM W** 

SEE A619 FOR FINISHES

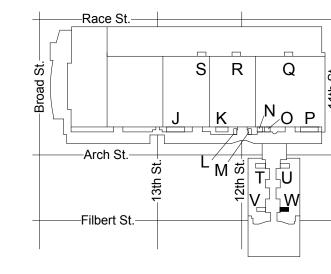
## **DRAWING GENERAL NOTES**

- SEE A500 FOR ACCESSORY / EQUIPMENT LEGEND.
   SEE A500 FOR TYPICAL TOILET COMPARTMENT
- ELEVATIONS AND ACCESSORY MOUNTING HEIGHTS.
- 3. SEE A500.3 FOR TYPICAL WALL TILE PATTERN DETAILS IN EXHIBIT HALL RESTROOMS.
- 4. SEE A500.4 FOR TYPICAL ACCENT WALL TILE ELEVATIONS
- IN SEMINAR-TYPE RESTROOMS. 5. SEE A600-SERIES FOR FINISH PLANS, LEGENDS, AND
- SCHEDULES.

  6. ALL OUTSIDE CORNERS TO RECEIVE TRANSITION PROFILE TR-3 EXCEPT AT CT-13 ACCENT TILE.

  7. PROVIDE 5" ROUND ST. STL. ACCESS PLATE IN WALL AT
- WATER HAMMER ARRESTOR LOCATIONS SEE PLUMBING
- DWGS & COORDINATE WITH OWNER/ARCHITECT.

  8. SEE DRAWING GENERAL NOTES IN A100-SERIES FOR
- ADDITIONAL INFORMATION.



KEY PLAN - LEVEL 200

NTS

61 Wilmington-West Chester F Chadds Ford, PA 19317 **ARORA**° P (610) 459-7900 F (610) 459-7950 aroraengineers.com Contact: Kevin Sultanik

Arora Engineers, Inc.

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**ARCHITECTS:**CONVERSE WINKLER

331 Montgomery Avenue, Bala Cynwyd, PA, 19144

ARCHITECTURE

Ph: 610.664.0806 Fax: 215.664.1075

**MEP ENGINEERS:** 

Contact: Elin Westrick

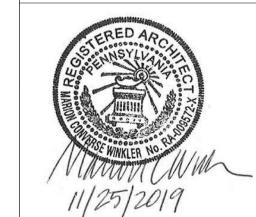
e-mail: ewestrick@cwarc.com

e-mail: ksultanik@aroraengineers.com

STRUCTURAL ENGINEERS: CSA GROUP 1341 NORTH DELAWARE AVENUE, SUITE 507 PHILADELPHIA, PA 19125

Ph: 215.427.8700 Fax: 215.427.8752

Contact: Wing Au e-mail: wau@csagroup.com



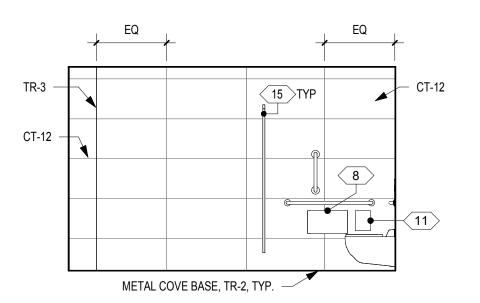
**REVISIONS:** Description

> PENNSYLVANIA CONVENTION CENTER RESTROOM RENOVATIONS
> 101 ARCH STREET, PHILADELPHIA, PA 191

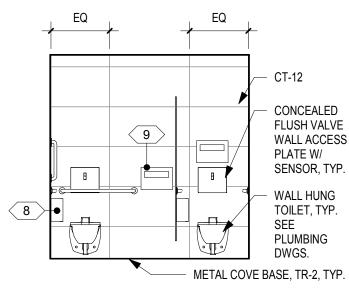
**ELEVATIONS & DETAILS - ROOM** W (SEMINAR)

CW1615 Project number November 25, 2019 Drawn by LC/KR EW Checked by

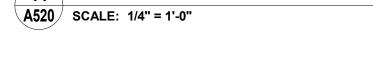
A519

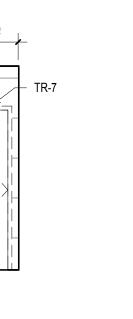


## **NORTH ELEVATION - WALL** A520 SCALE: 1/4" = 1'-0"









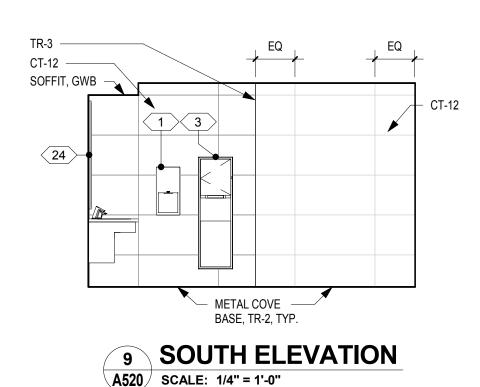
CT-12 -



METAL COVE BASE, TR-2, TYP.

TR-3  $\longrightarrow$  CT-13  $\longrightarrow$  TR-3  $\longrightarrow$ 

24



- SOFFIT, GWB

**24** 

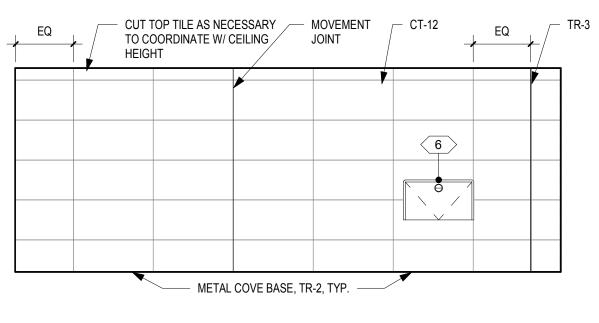
METAL COVE BASE, TR-2, TYP.

A520 SCALE: 1/4" = 1'-0"

**SOUTH ELEVATION** 

CT-12

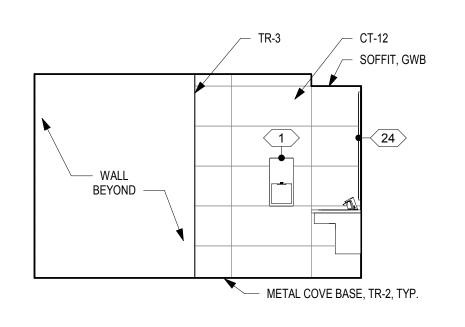
TR-7



**8 WEST ELEVATION** A520 SCALE: 1/4" = 1'-0"

TYP 15

CT-12 — METAL COVE BASE, TR-2, TYP.



NORTH ELEVATION - SINK A520 SCALE: 1/4" = 1'-0"

### **INTERIOR ELEVATIONS - WOMEN'S ROOM X**

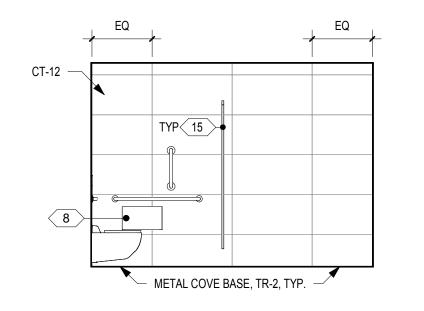
- MOVEMENT JOINT

METAL COVE BASE, TR-2, TYP.

- CUT TOP TILE AS NECESSARY TO COORDINATE W/ CEILING

HEIGHT

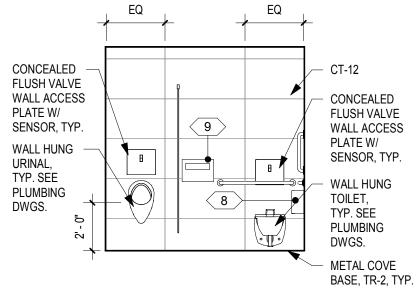
SEE A620 FOR FINISHES



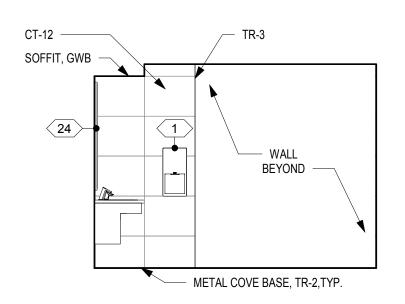
#### **6 NORTH ELEVATION - WALL** A520 SCALE: 1/4" = 1'-0"

CT-13  $\longrightarrow$  TR-3  $\longrightarrow$ 

**WEST ELEVATION - PARTITIONS** 



### **WEST ELEVATION - WALL** A520 SCALE: 1/4" = 1'-0"



# **NORTH ELEVATION - SINK**

A520 SCALE: 1/4" = 1'-0"

# **INTERIOR ELEVATIONS - MEN'S ROOM X**

**EAST ELEVATION** 

A520 SCALE: 1/4" = 1'-0"

SEE A620 FOR FINISHES

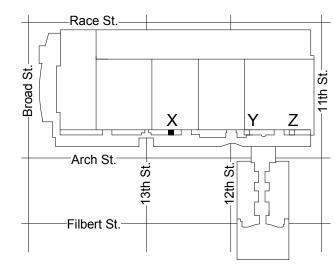
A520 SCALE: 1/4" = 1'-0"

CT-12 —

TR-3 —

#### DRAWING GENERAL NOTES

- 1. SEE A500 FOR ACCESSORY / EQUIPMENT LEGEND. 2. SEE A500 FOR TYPICAL TOILET COMPARTMENT ELEVATIONS AND ACCESSORY MOUNTING HEIGHTS.
- 3. SEE A500.3 FOR TYPICAL WALL TILE PATTERN DETAILS IN EXHIBIT HALL RESTROOMS.
  4. SEE A500.4 FOR TYPICAL ACCENT WALL TILE ELEVATIONS
- IN SEMINAR-TYPE RESTROOMS. 5. SEE A600-SERIES FOR FINISH PLANS, LEGENDS, AND SCHEDULES.
- ALL OUTSIDE CORNERS TO RECEIVE TRANSITION PROFILE TR-3 EXCEPT AT CT-13 ACCENT TILE.
- 7. PROVIDE 5" ROUND ST. STL. ACCESS PLATE IN WALL AT WATER HAMMER ARRESTOR LOCATIONS - SEE PLUMBING DWGS & COORDINATE WITH OWNER/ARCHITECT.
- 8. SEE DRAWING GENERAL NOTES IN A100-SERIES FOR ADDITIONAL INFORMATION.



KEY PLAN - LEVEL 300

**ELEVATIONS & DETAILS** -**ROOMS X** (SEMINAR)

RESTROOM RENOVATIONS
101 ARCH STREET, PHILADELPHIA, PA 191

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**MEP ENGINEERS:** 

**ARORA**°

Contact: Kevin Sultanik

SUITE 507

Ph: 215.427.8700

Fax: 215.427.8752

Contact: Wing Au

**REVISIONS:** 

PENNSYLVANIA CONVENTION CENTER

Description

STRUCTURAL ENGINEERS: CSA GROUP

PHILADELPHIA, PA 19125

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e-mail: ksultanik@aroraengineers.com

1341 NORTH DELAWARE AVENUE,

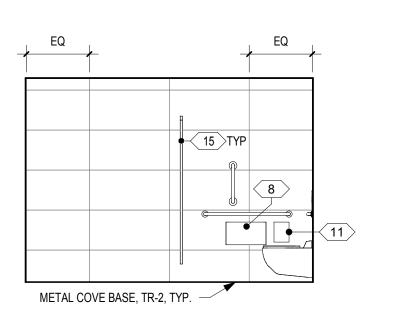
61 Wilmington-West Chester F Chadds Ford, PA 19317

CW1615 Project number November 25, 2019 Drawn by LC/KR EW

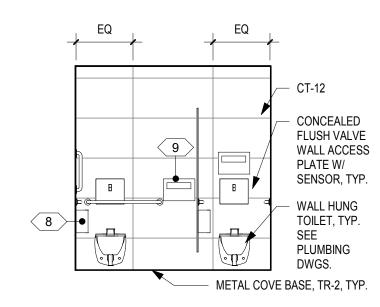
A520

Checked by

NTS

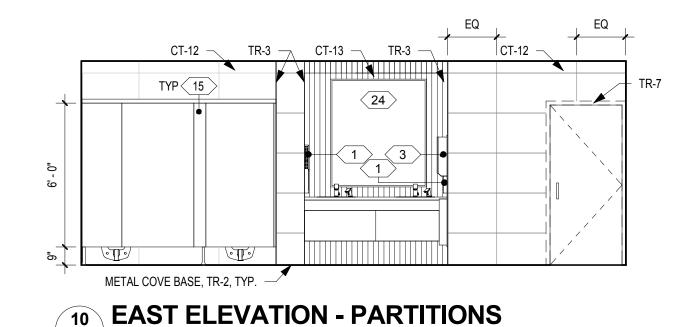


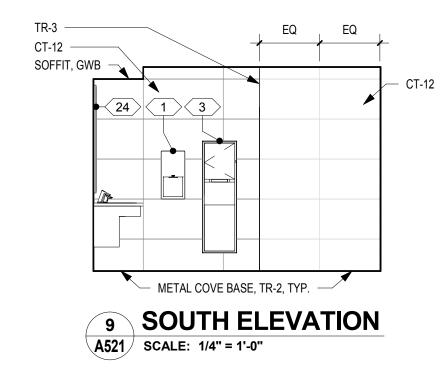
# NORTH ELEVATION - WALL A521 SCALE: 1/4" = 1'-0"

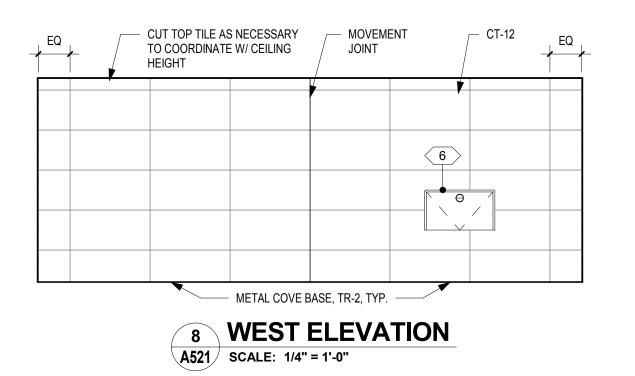


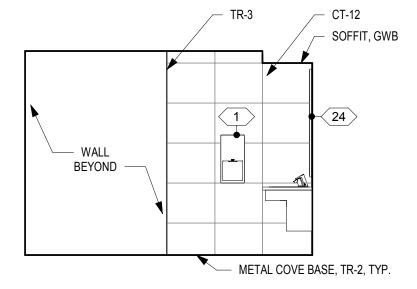
11 EAST ELEVATION - WALL

A521 SCALE: 1/4" = 1'-0"







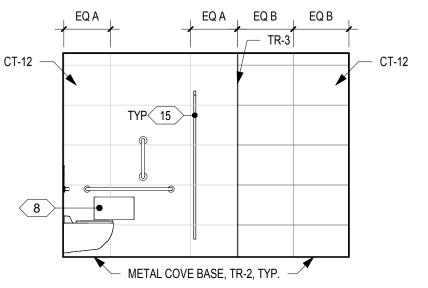


7 NORTH ELEVATION - SINK
A521 SCALE: 1/4" = 1'-0"

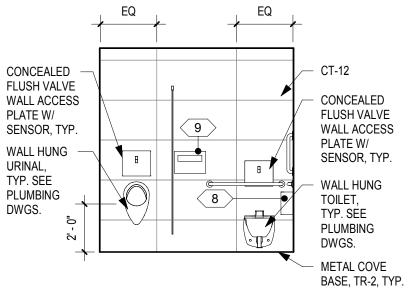
**INTERIOR ELEVATIONS - WOMEN'S ROOM Y** 

A521 SCALE: 1/4" = 1'-0"

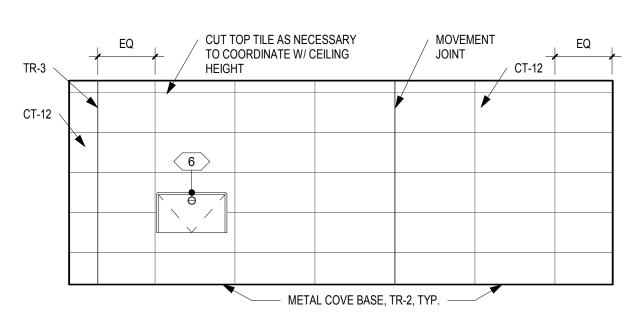
SEE A621 FOR FINISHES



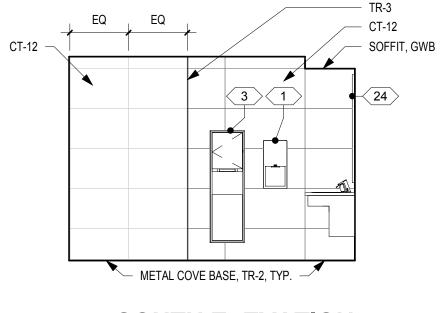




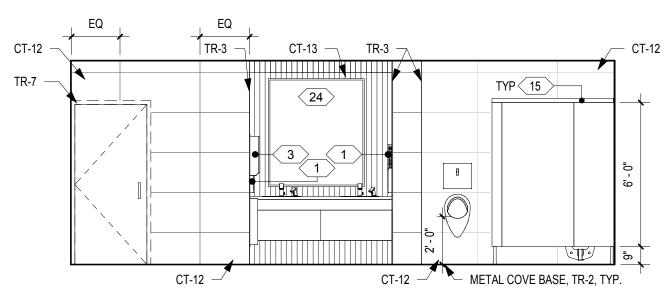
5 EAST ELEVATION - WALL
A521 SCALE: 1/4" = 1'-0"



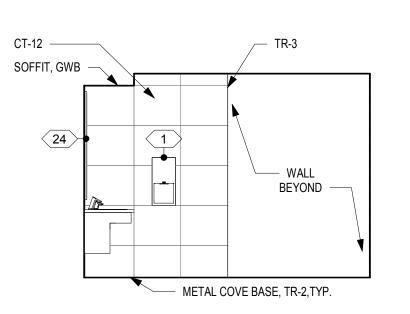
4 EAST ELEVATION A521 SCALE: 1/4" = 1'-0"



3 SOUTH ELEVATION
A521 SCALE: 1/4" = 1'-0"



WEST ELEVATION -PARTITIONS
A521 SCALE: 1/4" = 1'-0"



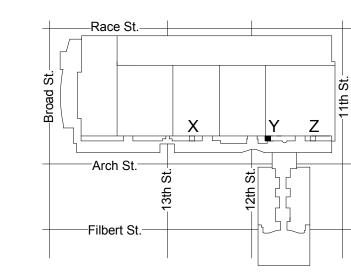
1 NORTH ELEVATION - SINK
A521 SCALE: 1/4" = 1'-0"

KEV DI A

## DRAWING GENERAL NOTES

- SEE A500 FOR ACCESSORY / EQUIPMENT LEGEND.
   SEE A500 FOR TYPICAL TOILET COMPARTMENT
- ELEVATIONS AND ACCESSORY MOUNTING HEIGHTS.
  3. SEE A500.3 FOR TYPICAL WALL TILE PATTERN DETAILS IN
- 3. SEE A500.3 FOR TYPICAL WALL TILE PATTERN DETAIL: EXHIBIT HALL RESTROOMS.
- 4. SEE A500.4 FOR TYPICAL ACCENT WALL TILE ELEVATIONS IN SEMINAR-TYPE RESTROOMS.
- 5. SEE A600-SERIES FOR FINISH PLANS, LEGENDS, AND
- SCHEDULES.
  6. ALL OUTSIDE CORNERS TO RECEIVE TRANSITION PROFILE
- TR-3 EXCEPT AT CT-13 ACCENT TILE.

  7. PROVIDE 5" ROUND ST. STL. ACCESS PLATE IN WALL AT
- PROVIDE 5" ROUND ST. STL. ACCESS PLATE IN WALL AT WATER HAMMER ARRESTOR LOCATIONS - SEE PLUMBING DWGS & COORDINATE WITH OWNER/ARCHITECT.
- 8. SEE DRAWING GENERAL NOTES IN A100-SERIES FOR ADDITIONAL INFORMATION.



KEY PLAN - LEVEL 300

ELEVATIONS &
DETAILS ROOMS Y
(SEMINAR)

CONVERSE
WINKLER
ARCHITECTURE

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ARCHITECTS: CONVERSE WINKLER ARCHITECTURE

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**MEP ENGINEERS:** 

**ARORA**°

Contact: Kevin Sultanik

SUITE 507

Ph: 215.427.8700 Fax: 215.427.8752

Contact: Wing Au

**REVISIONS:** 

PENNSYLVANIA CONVENTION CENTER

Description

Date

RESTROOM RENOVATIONS
101 ARCH STREET, PHILADELPHIA, PA 191

STRUCTURAL ENGINEERS: CSA GROUP

PHILADELPHIA, PA 19125

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1341 NORTH DELAWARE AVENUE,

Arora Engineers, Inc. 61 Wilmington-West Chester Pi Chadds Ford, PA 19317

 Project number
 CW1615

 Date
 November 25, 2019

 Drawn by
 LC/KR

 NTS
 Checked by

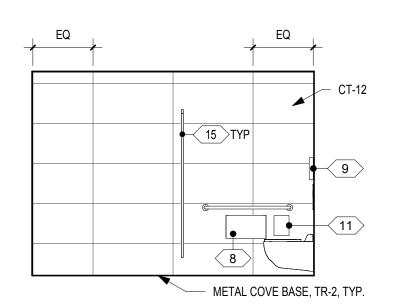
 EW

A521

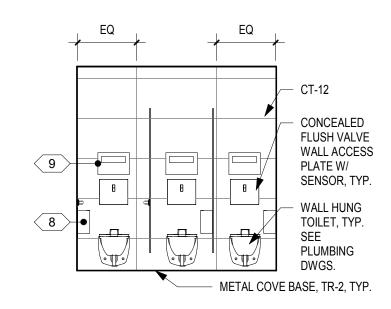
e As indicated

INTERIOR ELEVATIONS - MEN'S ROOM Y

SEE A621 FOR FINISHES

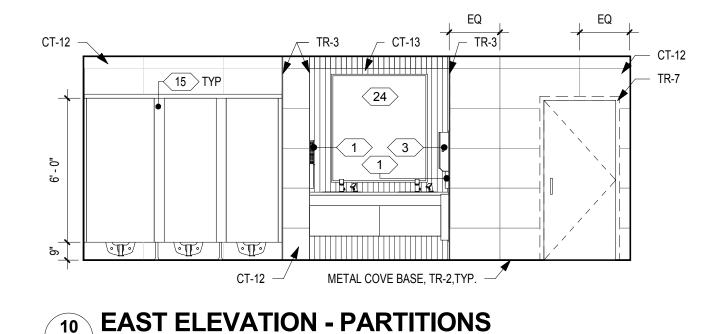


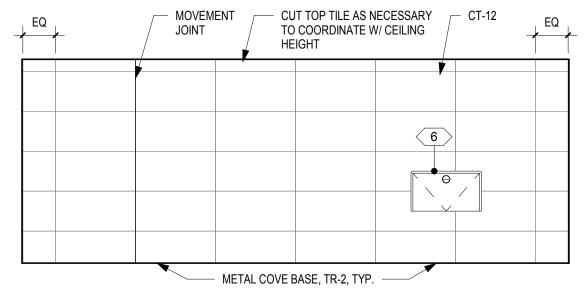
### **NORTH ELEVATION - WALL** A522 SCALE: 1/4" = 1'-0"

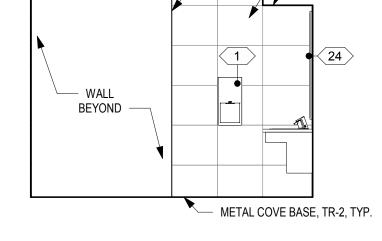


**EAST ELEVATION - WALL** 

A522 SCALE: 1/4" = 1'-0"





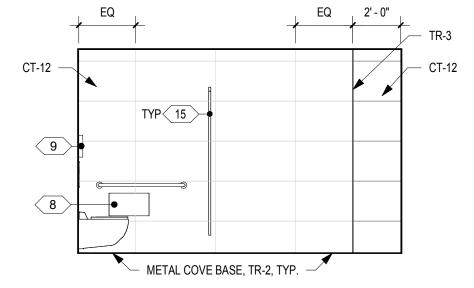


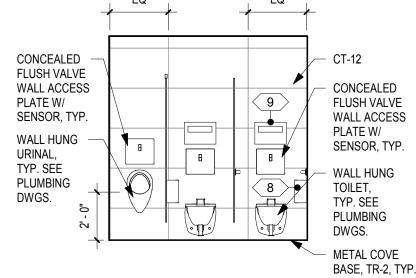
**NORTH ELEVATION - SINK** A522 SCALE: 1/4" = 1'-0"

**INTERIOR ELEVATIONS - WOMEN'S ROOM Z** 

A522 SCALE: 1/4" = 1'-0"

SEE A622 FOR FINISHES

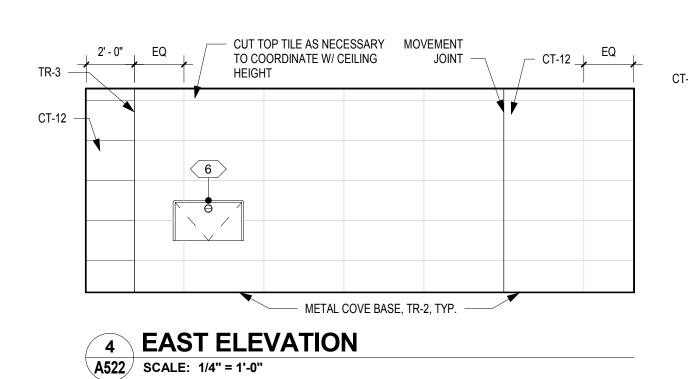




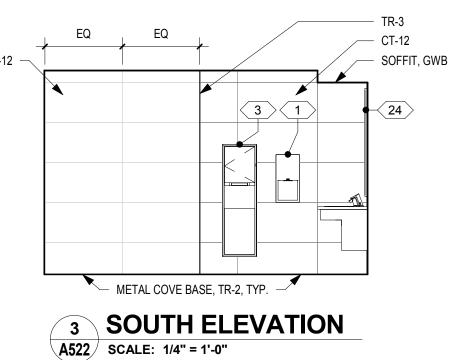


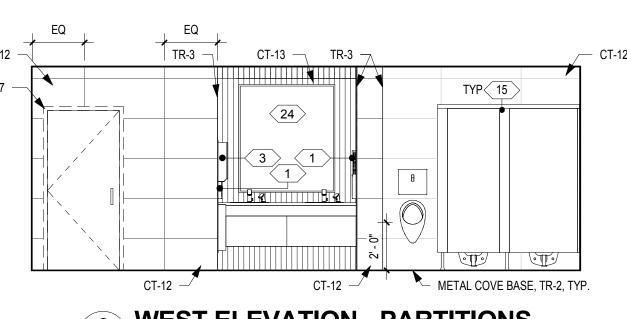
# **6 NORTH ELEVATION - WALL** A522 SCALE: 1/4" = 1'-0"

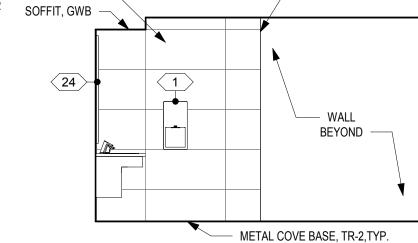




**INTERIOR ELEVATIONS - MEN'S ROOM Z** 







CT-12

NORTH ELEVATION - SINK

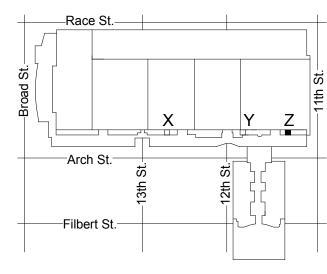
A522 SCALE: 1/4" = 1'-0"

SEE A622 FOR FINISHES

#### **DRAWING GENERAL NOTES** 1. SEE A500 FOR ACCESSORY / EQUIPMENT LEGEND.

SOFFIT, GWB

- 2. SEE A500 FOR TYPICAL TOILET COMPARTMENT ELEVATIONS AND ACCESSORY MOUNTING HEIGHTS. 3. SEE A500.3 FOR TYPICAL WALL TILE PATTERN DETAILS IN
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KEY PLAN - LEVEL 300 NTS

**ELEVATIONS & DETAILS - ROOM** Z (SEMINAR)

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**REVISIONS:** 

PENNSYLVANIA CONVENTION CENTER

Description

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STRUCTURAL ENGINEERS: CSA GROUP

PHILADELPHIA, PA 19125

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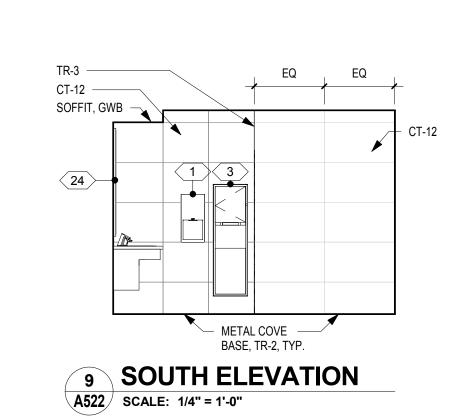
1341 NORTH DELAWARE AVENUE,

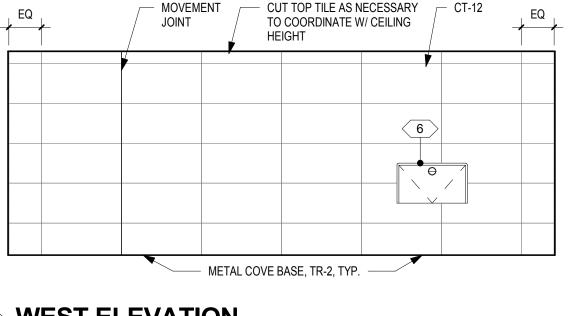
Arora Engineers, Inc. 61 Wilmington-West Chester Pi Chadds Ford, PA 19317

CW1615 Project number November 25, 2019 Drawn by KR/LC EW Checked by

A522

As indicated

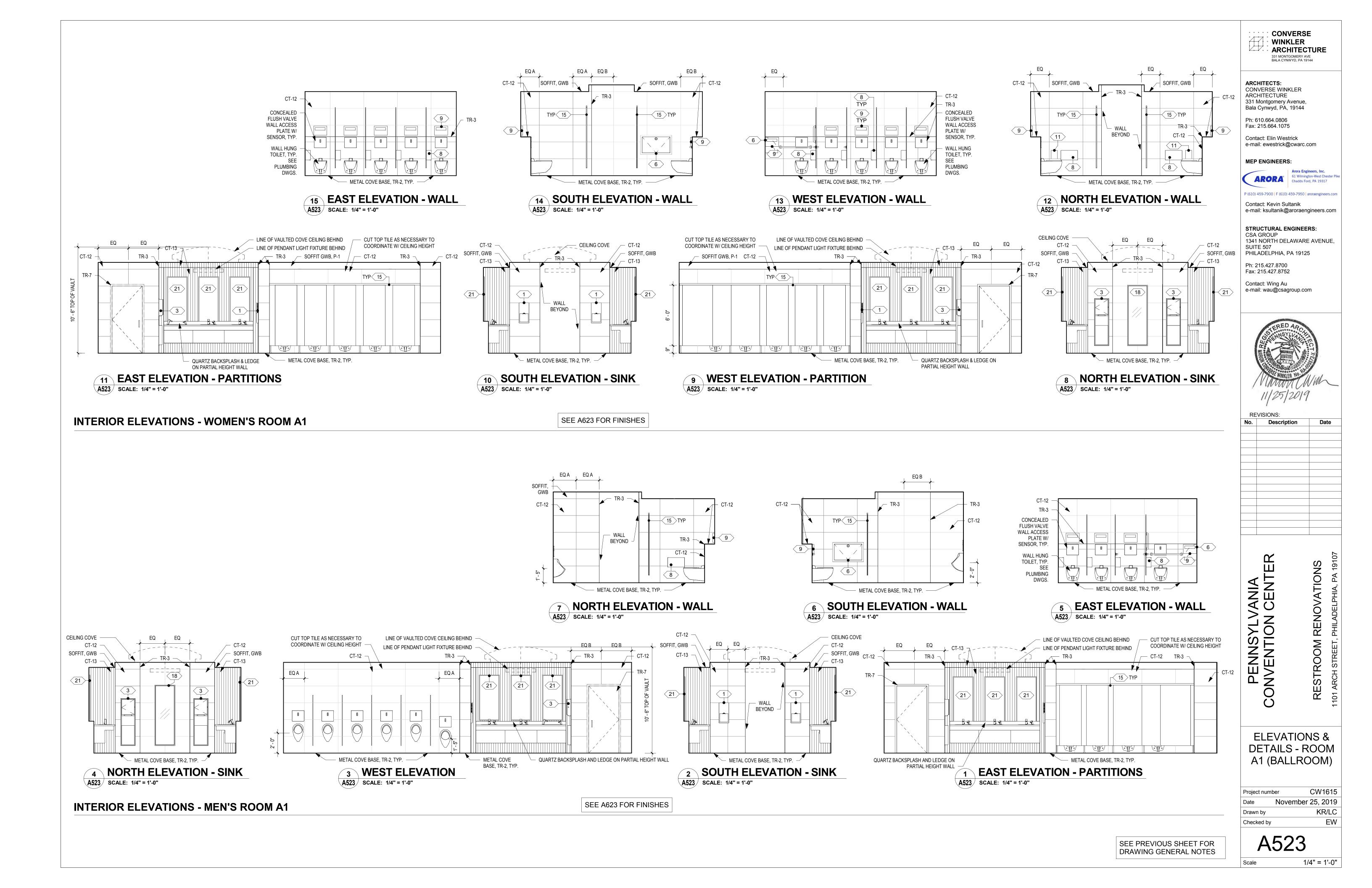


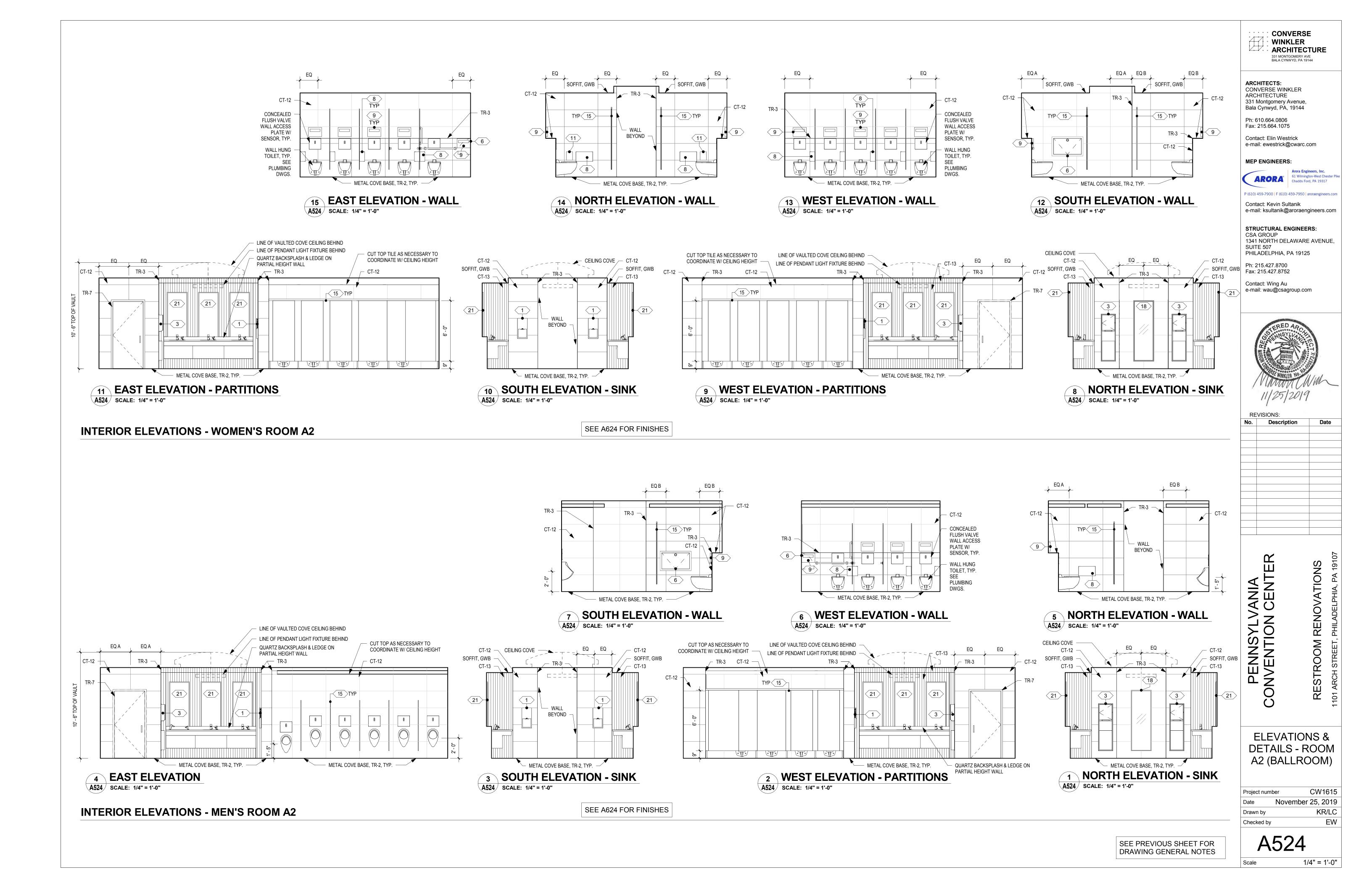






**WEST ELEVATION - PARTITIONS** A522 SCALE: 1/4" = 1'-0"



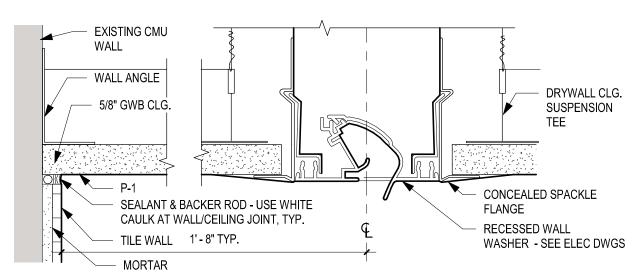


		F	INISH LEGEND			
ABBREV.	ITEM	SUPPLIER/MANUFACTURER	PRODUCT	COLOR	SIZE	COMMENTS
CT-1	CERAMIC WALL TILE - FIELD (EXHIBIT)	CE. SI.	I COLORI	TALCO	8" x 24" (20x60cm)	USE GROUT GR-1
CT-2	CERAMIC WALL TILE - ACCENT (EXHIBIT)	CE. SI.	I COLORI	ANTHRACITE	4" x 24", 8" x 24" (10x60, 20x60cm)	USE GROUT GR-1
CT-3	CERAMIC WALL TILE - ACCENT (EXHIBIT)	CE. SI.	I COLORI	SALGEMMA	4" x 24", 8" x 24" (10x60, 20x60cm)	USE GROUT GR-1
<del>T-4</del>	NOT USED					
CT-5	CERAMIC WALL TILE - ACCENT (EXHIBIT)	CE. SI.	I COLORI	EDERA	4" x 24", 8" x 24" (10x60, 20x60cm)	USE GROUT GR-1
T-6	CERAMIC WALL TILE - ACCENT (EXHIBIT)	CE. SI.	I COLORI	MELA	4" x 24", 8" x 24" (10x60, 20x60cm)	USE GROUT GR-1
T-7	CERAMIC WALL TILE - ACCENT (EXHIBIT)	CE. SI.	I COLORI	POLVERE	4" x 24", 8" x 24" (10x60, 20x60cm)	USE GROUT GR-1
<del>T-8</del>	NOT USED					
<del>CT-9</del>	NOT USED PR TILE - FIELD (EXHIBIT)	REFIN CERAMICHE	CROMIE	TBD	24" x 24"	TBD
CT-10	CERAMIC FLOOR TILE - FIELD (SEMINAR/BALLROOM)	TBD —	CROMIE	FANGO 08	24" x 24"	USE GROUT GR-3, INCLUDING AROUND FLOOR ACCENT BORDER
CT-11	CERAMIC FLOOR TILE - ACCENT (SEMINAR/BALLROOM)	CE. SI.	ART DECO/FULL BODY	VARIES	VARIES	USE GROUT GR-5 WITHIN PATTERN; GR-3 AROUND BORDER. SEE FINISH PLAN SHEET FOR PATTERNS AND COLORS
CT-12	CERAMIC WALL TILE - FIELD (SEMINAR/BALLROOM)	STONE SOURCE	EXEDRA THIN PORCELAIN	ESTREMOZ SILK	19.5" x 39" x 3/16"	USE GROUT GR-2. INSTALLED OVER EXISTING TILE
CT-13	CERAMIC WALL TILE - ACCENT (SEMINAR/BALLROOM)	41ZERO42	WIG WAG	BLACK	3" x 6"	USE GROUT GR-4
R-1	GROUT - WALL (EXHIBIT)	CUSTOM BUILDING PRODUCTS	PRISM	#335 WINTER GRAY	-	SEE SPECIFICATIONS
R-2	GROUT - WALL (SEMINAR/BALLROOM)	CUSTOM BUILDING PRODUCTS	PRISM	#10 ANTIQUE WHITE	-	SEE SPECIFICATIONS
R-3	EPOXY GROUT - FLOOR (SEMINAR/BALLROOM)	CUSTOM BUILDING PRODUCTS	CEG-LITE EPOXY GROUT	#183 CHATEAU	_	SEE SPECIFICATIONS
iR-4	GROUT - WALL ACCENT (SEMINAR/BALLROOM)	CUSTOM BUILDING PRODUCTS	PRISM	#60 CHARCOAL	=	SEE SPECIFICATIONS
R-5	EPOXY GROUT - FLOOR ACCENT (SEMINAR/BALLROOM)	CUSTOM BUILDING PRODUCTS	CEG-LITE EPOXY GROUT	#540 TRUFFLE	_	SEE SPECIFICATIONS
P-1	PAINT - CEILING, FIELD	SHERWIN WILLIAMS	GWB, PAINTED	SW 7007 CEILING BRIGHT WHITE	-	-
P-2	PAINT - CEILING COVE ACCENT	SHERWIN WILLIAMS	GWB, PAINTED	SW 0023 PEWTER TANKARD	-	-
<b>P-</b> 3	PAINT - SOFFIT AT ACCENT WALL (SEMINAR/BALLROOM)	SHERWIN WILLIAMS	GWB, PAINTED	SW 6258 TRICORN BLACK	-	-
<b>'-</b> 4	PAINT - DOORS, FRAME - JANITOR (EXHIBIT)	SHERWIN WILLIAMS	GWB, PAINTED	SW 7672 KNITTING NEEDLES	-	-
P-5	PAINT - DOORS, FRAME INSIDE; JANITOR (SEMINAR/BALLROOM)	SHERWIN WILLIAMS	GWB, PAINTED	SW 7548 PORTICO	-	-
P-6	PAINT - DOORS, FRAME OUTSIDE (SEMINAR/BALLROOM)	-	MATCH EXISTING	VARIES	-	TO MATCH EXISTING PAINT COLOR - COORDINATE W/ OWNER
<b>P-</b> 7	PAINT - EXISTING CMU AT EXHIBIT ENTRY	SHERWIN WILLIAMS	EXISTING CMU PAINTED	SW 6065 BONAFIDE BEIGE	-	-
<b>-</b> 8	PAINT -EXISTING CMU BEHIND EXHIBIT ENTRY PANELS	TBD	EXISTING CMU PAINTED	FLAT BLACK	=	-
Q-1,	QUARTZ COUNTERTOP (SEMINAR/BALLROOM)	DUPONT ZODIAQ	QUARTZ	CLOUD WHITE	3/4" THICK	SEE SHEET A500.4
RB-1	RESINOUS BASE	DEX-O-TEX	TBD	DARK GRAY	9" HIGH	TERMINATE AT TR-1 AT TOP
RF-1	RESINOUS FLOOR	DEX-O-TEX	TBD	DARK GRAY	3/16" THICK	INSTALLED OVER EXISTING TILE
S-1	SOLID SURFACE COUNTERTOP (EXHIBIT)	DUPONT	CORIAN	SPARKLING WHITE	-	SEE SHEET A401
'R-1	WALL TILE TRANSITION STRIP (EXHIBIT)	SCHULTER	QUADEC	ST. STL.	3/8"	-
R-2	WALL BASE TRANSITION STRIP (SEMINAR/BALLROOM)	SCHULTER	DILEX-HKU	ST. STL.	3/8"	-
R-3	WALL OUTSIDE CORNER (ALL)	SCHULTER	QUADEC	ST. STL.	TBD	-
R-4		SCHULTER	RONDEC	ANO. ALUM GRAPHITE	TBD	-
R-5	ACCENT WALL INSIDE CORNER (SEMINAR/BALLROOM)	SCHULTER	DILEX-BWA	GS. BLACK	TBD	USE ON INSIDE CORNER JOINTS
R-6	FLOOR MOVEMENT JOINT (SEMINAR/BALLROOM)	CUSTOM BUILDING PRODUCTS	100% SILICONE CAULK	#183 CHATEAU	-	TO MATCH FIELD TILE GROUT COLOR
R-7	WALL TILE EDGE	SCHULTER	SCHIENE	ST. STL.	TBD	-
VP-1	WALL PATTERN 1 - ACCENT (EXHIBIT)	CE. SI.	I COLORI	VARIES		SEE SHEET A500.3
VP-2	WALL PATTERN 1 - ACCENT (EXHIBIT)	CE. SI.	I COLORI	VARIES		SEE SHEET A500.3
NP-2 NP-3	WALL PATTERN 2 - ACCENT (EXHIBIT)	CE. SI.	I COLORI	VARIES	_	SEE SHEET A500.3
	, ,				<del>-</del>	
NP-4	WALL PATTERN 4 - ACCENT (EXHIBIT)	CE. SI.	I COLORI	VARIES	-	SEE SHEET A500.3
NP-5	WALL PATTERN 5 - ACCENT (EXHIBIT)	CE. SI.	I COLORI	VARIES	-	SEE SHEET A500.3
NP-6	WALL PATTERN 6 - ACCENT (EXHIBIT)	CE. SI.	I COLORI	VARIES	-	SEE SHEET A500.3

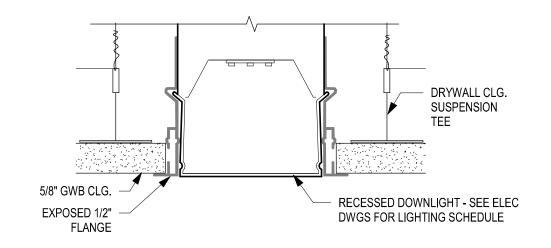
ROOM		FLOOR		BASE	WALL				CEILING
LETTER	NAME	FIELD	TRANSITION	BASE	NORTH	SOUTH	WEST	EAST	CEILING & SOFFIT
F	WOMEN	RF-1	TR-1	RB-1	WP-1/ WP-2	WP-2	WP-3	WP-1	P-1
F	MEN	RF-1	TR-1	RB-1	WP-1/ WP-2	WP-2	WP-1	WP-3	P-1
G	WOMEN	RF-1	TR-1	RB-1	WP-1	WP-1	WP-4	WP-2	P-1
G	MEN	RF-1	TR-1	RB-1 7	WP-1	WP-1	WP-2	WP-4	P-1
Н	MEN	RF-1	TR-1	RB-1	WP-1	WP-1	WP-4	WP-2	P-1
Н	WOMEN	RF-1	TR-1	RB-1	WP-1	WP-1	WP-2	WP-4	P-1
J	MEN	RF-1	TR-1	RB-1	WP-1/ WP-2	WP-2	WP-3	WP-1	P-1
J	WOMEN	RF-1	TR-1	RB-1	WP-2	WP-2	WP-1	WP-3	P-1
K	MEN	RF-1	TR-1	RB-1	WP-1/ WP-2	WP-1/ WP-2	WP-1/ WP-3	WP-1	P-1
K	WOMEN	RF-1	TR-1	RB-1	WP-1/ WP-2	WP-1/ WP-2	WP-1	WP-1/ WP-3	P-1
N	WOMEN	RF-1	TR-1	RB-1	WP-1/ WP-2	WP-1/ WP-2	WP-5	WP-2	P-1
0	MEN	RF-1	TR-1	RB-1	WP-1/ WP-2	WP-1	WP-1/ WP-2	WP-6	P-1
Р	MEN	RF-1	TR-1	RB-1	WP-1/ WP-2	WP-2	WP-3	WP-1	P-1
Р	WOMEN /	RF-1	TR-1	RB-1 <	WP-2	WP-2	WP-3	WP-1	P-1
Q	MEN	RF-1	TR-1	RB-1	WP-2	WP-2	WP-5	WP-1	P-1
Q	WOMEN	RF-1	TR-1	RB-1	WP-2	WP-2	WP-1	WP-5	P-1
R	MEN	RF-1	TR-1	RB-1 -	WP-2	WP-2	WP-5	WP-1	P-1
R	WOMEN /	RF-1	TR-1	RB-1	WP-2	WP-2	WP-1	WP-5	P-1
S	MEN	RF-1	TR-1	RB-1	WP-2	WP-2	WP-5	WP-1	P-1
S	WOMEN	RF-1	TR-1	RB-1	WP-2	WP-2	WP-1	WP-5	P-1

						EDULE				•••••			
ROOM		FLOOR		_	BASE	WALL				CEILIN	G		OTHER
LETTER	NAME	FIELD	INSERT	MOVEMENT JOINT	COVE	NORTH	SOUTH	WEST	EAST	CEILING	COVE CEILING	SOFFIT AT SINKS	COUNTERTOP
Α	MEN	CT-10	CT-11	TR-6	TR-2	CT-12	CT-12	CT-12	CT-12	P-1	P-2	P-3	Q-1
Α	WOMEN	CT-10	CT-11	TR-6	TR-2	CT-12	CT-12	CT-12	CT-12	P-1	P-2	P-3	Q-1
В	WOMEN	CT-10	CT-11	TR-6	TR-2	CT-12	CT-12	CT-12	CT-12	P-1	=	P-3	Q-1
В	MEN	CT-10	CT-11	TR-6	TR-2	CT-12	CT-12	CT-12	CT-12	P-1	-	P-3	Q-1
С	WOMEN	CT-10	CT-11	TR-6	TR-2	CT-12	CT-12	CT-12	CT-12	P-1	-	P-3	Q-1
С	MEN	CT-10	CT-11	TR-6	TR-2	CT-12	CT-12	CT-12	CT-12	P-1	-	P-3	Q-1
D	WOMEN	CT-10	CT-11	TR-6	TR-2	CT-12	CT-12	CT-12	CT-12	P-1	P-2	P-3	Q-1
D	MEN	CT-10	CT-11	TR-6	TR-2	CT-12	CT-12	CT-12	CT-12	P-1	P-2	P-3	Q-1
I	WOMEN	CT-10	CT-11	TR-6	TR-2	CT-12	CT-12	CT-12	CT-12	P-1	-	P-3	Q-1
I	MEN	CT-10	CT-11	TR-6	TR-2	CT-12	CT-12	CT-12	CT-12	P-1	-	P-3	Q-1
L	WOMEN	CT-10	CT-11	TR-6	TR-2	CT-12	CT-12	CT-12	CT-12	P-1	-	P-3	Q-1
М	MEN	CT-10	CT-11	TR-6	TR-2	CT-12	CT-12	CT-12	CT-12	P-1	-	P-3	Q-1
Т	MEN	CT-10	CT-11	TR-6	TR-2	CT-12	CT-12	CT-12	CT-12	P-1	P-2	P-3	Q-1
Т	WOMEN	CT-10	CT-11	TR-6	TR-2	CT-12	CT-12	CT-12	CT-12	P-1	P-2	P-3	Q-1
٧	WOMEN	CT-10	CT-11	TR-6	TR-2	CT-12	CT-12	CT-12	CT-12	P-1	P-2	P-3	Q-1
٧	MEN	CT-10	CT-11	TR-6	TR-2	CT-12	CT-12	CT-12	CT-12	P-1	P-2	P-3	Q-1
W	WOMEN	CT-10	CT-11	TR-6	TR-2	CT-12	CT-12	CT-12	CT-12	P-1	P-2	P-3	Q-1
W	MEN	CT-10	CT-11	TR-6	TR-2	CT-12	CT-12	CT-12	CT-12	P-1	P-2	P-3	Q-1
Х	WOMEN	CT-10	CT-11	TR-6	TR-2	CT-12	CT-12	CT-12	CT-12	P-1	-	P-3	Q-1
Х	MEN	CT-10	CT-11	TR-6	TR-2	CT-12	CT-12	CT-12	CT-12	P-1	-	P-3	Q-1
Υ	WOMEN	CT-10	CT-11	TR-6	TR-2	CT-12	CT-12	CT-12	CT-12	P-1	-	P-3	Q-1
Υ	MEN	CT-10	CT-11	TR-6	TR-2	CT-12	CT-12	CT-12	CT-12	P-1	-	P-3	Q-1
Z	WOMEN	CT-10	CT-11	TR-6	TR-2	CT-12	CT-12	CT-12	CT-12	P-1	-	P-3	Q-1
Z	MEN	CT-10	CT-11	TR-6	TR-2	CT-12	CT-12	CT-12	CT-12	P-1	-	P-3	Q-1

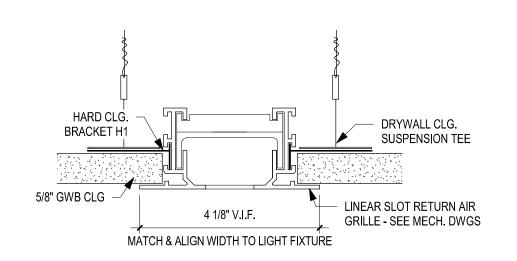
Z	MEN	CT-10	CT-11	TR-6	TR-2	CT-12	CT-12	CT-12	CT-12	P-1	-	P-3	Q-1
		F	ROOM	FINISH	SCHE	DULE	- BALL	ROOM	REST	ROOM	s		
ROOM FLOOR				BASE	WALL				CEILING			OTHER	
LETTER	NAME	FIELD	INSERT	MOVEMENT JOINT	COVE	NORTH	зоптн	WEST	EAST	CEILING	COVE CEILING	SOFFIT AT SINKS	COUNTERTOP
<b>A</b> 1	MEN	CT-10	CT-11	TR-6	TR-2	CT-12	CT-12	CT-12	CT-12	P-1	P-2	P-3	Q-1
A1	WOMEN	CT-10	CT-11	TR-6	TR-2	CT-12	CT-12	CT-12	CT-12	P-1	P-2	P-3	Q-1
A2	MEN	CT-10	CT-11	TR-6	TR-2	CT-12	CT-12	CT-12	CT-12	P-1	P-2	P-3	Q-1
A2	WOMEN	CT-10	CT-11	TR-6	TR-2	CT-12	CT-12	CT-12	CT-12	P-1	P-2	P-3	Q-1



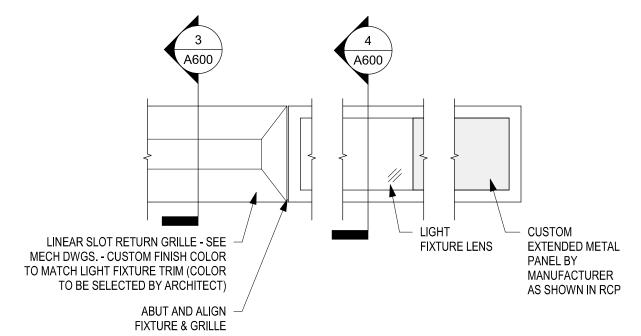
#### **5 WALL WASHER DETAIL - EXHIBIT HALL TYPE** A600 SCALE: 6" = 1'-0"



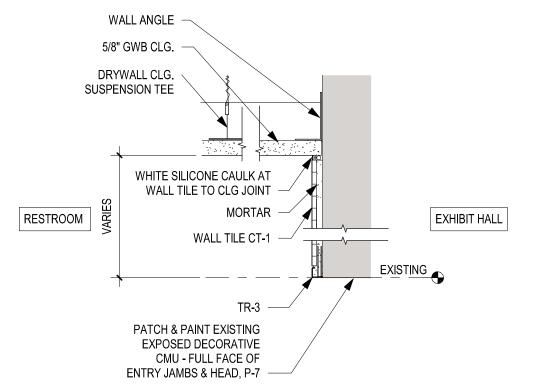
### **4** DOWNLIGHT DETAIL - EXHIBIT HALL TYPE A600 SCALE: 6" = 1'-0"



### **3 CEILING DETAIL - EXHIBIT HALL TYPE** A600 SCALE: 6" = 1'-0"



### **2** CEILING PLAN DETAIL - EXHIBIT HALL TYPE A600 SCALE: 3" = 1'-0"



### 1 CEILING DETAIL - ENTRY - EXHIBIT HALL TYPE A600 SCALE: 3" = 1'-0"

: ::::: CONVERSE WINKLER
ARCHITECTURE 331 MONTGOMERY AVE BALA CYNWYD, PA 19144

ARCHITECTS: CONVERSE WINKLER ARCHITECTURE 331 Montgomery Avenue, Bala Cynwyd, PA, 19144

Ph: 610.664.0806 Fax: 215.664.1075

Contact: Elin Westrick e-mail: ewestrick@cwarc.com

**MEP ENGINEERS:** 

Arora Engineers, Inc. 61 Wilmington-West Chester Pik Chadds Ford, PA 19317 **ARORA**°

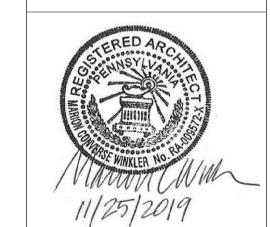
P (610) 459-7900 | F (610) 459-7950 | aroraengineers.com

Contact: Kevin Sultanik e-mail: ksultanik@aroraengineers.com

STRUCTURAL ENGINEERS: CSA GROUP 1341 NORTH DELAWARE AVENUE, SUITE 507 PHILADELPHIA, PA 19125

Ph: 215.427.8700 Fax: 215.427.8752

Contact: Wing Au e-mail: wau@csagroup.com



**REVISIONS**: No. Description ASI#2 03.05.20

PENNSYLVANIA CONVENTION CENTER

TYPICAL CEILING **DETAILS &** SCHEDULES

CW1615 Project number November 25, 2019 KR/LC Drawn by EW Checked by

A600

				DO	<b>0</b> D				_		
					OR			FRAM			
	DOOR#	LOCATION	ТҮРЕ	SIZE	MATERIAL	FINISH (INSIDE/OUTSIDE)	ТУРЕ	MATERIAL	FINISH (INSIDE/OUTSIDE)	HARDWARE SET	NOTES
	F-M-1	JANITOR	EXG	-	HM	P-4	EXG	HM	P-4	-	
Ì	F-W-1	JANITOR	EXG	-	НМ	P-4	EXG	НМ	P-4	-	
	G-M-1	JANITOR	EXG	-	НМ	P-4	EXG	НМ	P-4	-	
- 1	H-M-1	JANITOR	EXG	-	НМ	P-4	EXG	HM	P-4	-	
	J-M-1	JANITOR	EXG	-	HM	P-4	EXG	HM	P-4	-	
- 1	J-W-1	JANITOR	EXG	-	HM	P-4	EXG	HM	P-4	-	
╛╽	K-M-1 K-W-1	JANITOR JANITOR	EXG EXG	-	HM HM	P-4 P-4	EXG EXG	HM HM	P-4 P-4	-	
_	N-W-1	JANITOR	EXG	-	HM	P-4 P-4	EXG	HM	P-4 P-4	-	
	O-M-1	JANITOR	EXG	-	НМ	P-4	EXG	HM	P-4	-	
EXHIBIT	P-M-1	JANITOR	EXG	-	НМ	P-4	EXG	НМ	P-4	-	
┆┆	P-W-1	JANITOR	EXG	-	НМ	P-4	EXG	НМ	P-4	-	
_ [	Q-M-1	JANITOR	EXG	-	НМ	P-4	EXG	НМ	P-4	-	
	Q-W-1	JANITOR	EXG	-	HM	P-4	EXG	HM	P-4	-	
	R-M-1	JANITOR	EXG	-	HM	P-4	EXG	HM	P-4	-	
- 1	R-W-1 S-M-1	JANITOR JANITOR	EXG EXG	-	HM HM	P-4 P-4	EXG EXG	HM HM	P-4 P-4	-	
	S-W-1	JANITOR	EXG	-	HM	P-4	EXG	HM	P-4 P-4	-	
_	A-M-1	ENTRY	NEW	MATCH EXISTING	WOOD	CLR	LAG		P-5	1	
	A-M-2	JANITOR	EXG	-	НМ	P-5			P-5	-	
ı	A-M-3	RM DIVIDER	EXG	-	НМ	P-5			P-5/P-6	-	
	A-M-4	STORAGE	EXG	-	НМ	P-5			P-5	-	
- 1	A-W-1	ENTRY	NEW	MATCH EXISTING	WOOD	CLR			P-5/P-6	1	
	A-W-2	JANITOR	EXG	-	НМ	P-5			P-5	-	
- 1	B-M-1	ENTRY	NEW	MATCH EXISTING	WOOD	CLR			P-5/P-6	1	
- 1	B-W-1 C-M-1	ENTRY ENTRY	NEW	MATCH EXISTING MATCH EXISTING	WOOD	CLR CLR			P-5/P-6 P-5/P-6	1	
- 1	C-W-1	ENTRY	NEW	MATCH EXISTING	WOOD	CLR			P-5/P-6	1	
- 1	D-M-1	ENTRY	NEW	MATCH EXISTING	WOOD	CLR			P-5/P-6	1	
- 1	D-M-2	JANITOR	EXG	-	НМ	P-5			P-5	-	
	D-M-3	RM DIVIDER	EXG	-	НМ	P-5			P-5	-	
	D-M-4	STORAGE	EXG	-	НМ	P-5			P-5	-	
- 1	D-W-1	ENTRY	NEW	MATCH EXISTING	WOOD	CLR			P-5/P-6	1	
L L	D-W-2	JANITOR	EXG	MATOU EVICTOR	HM	P-5			P-5	-	
ا ≥	I-M-1 I-W-1	ENTRY ENTRY	NEW	MATCH EXISTING MATCH EXISTING	WOOD	CLR CLR			P-5/P-6 P-5/P-6	1	
) [	1-vv-1 L-W-1	ENTRY	NEW	MATCH EXISTING	WOOD	CLR			P-5/P-6 P-5/P-6	1	
ŕ	L-W-2	JANITOR	EXG	-	HM	P-5			P-5	-	
IJ ŀ	M-M-1	ENTRY	NEW	MATCH EXISTING	WOOD	CLR			P-5/P-6	2	
מאַ	M-M-2	JANITOR	EXG	-	НМ	P-5			P-5	-	
<b>&gt;</b> [	T-M-1	ENTRY	NEW	MATCH EXISTING	V.I.F.	P-5/P-6			P-5/P-6	3	
¥	T-W-1	ENTRY	NEW	MATCH EXISTING	V.I.F.	P-5/P-6			P-5/P-6	3	
[	V-M-1	ENTRY	NEW	MATCH EXISTING	V.I.F.	P-5/P-6			P-5/P-6	3	
SEIVIINA	V-W-1 W-M-1	ENTRY ENTRY	NEW	MATCH EXISTING MATCH EXISTING	V.I.F. V.I.F.	P-5/P-6 P-5/P-6			P-5/P-6 P-5/P-6	3	
	W-W-1	ENTRY	NEW	MATCH EXISTING	V.I.F.	P-5/P-6			P-5/P-6	3	
-	X-M-1	ENTRY	NEW	MATCH EXISTING	WOOD	P-5/P-6			P-5/P-6	1	
f	X-W-1	ENTRY	NEW	MATCH EXISTING	WOOD	P-5/P-6			P-5/P-6	1	
- 1	Y-M-1	ENTRY	NEW	MATCH EXISTING	V.I.F.	P-5/P-6			P-5/P-6	1	
- 1	Y-W-1	ENTRY	NEW	MATCH EXISTING	V.I.F.	P-5/P-6			P-5/P-6	1	
-	Z-M-1	ENTRY	NEW	MATCH EXISTING	V.I.F.	P-5/P-6			P-5/P-6	1	
- 1	Z-W-1 A1-M-1	ENTRY ENTRY	NEW NEW	MATCH EXISTING MATCH EXISTING	V.I.F. V.I.F.	P-5/P-6 P-5/P-6			P-5/P-6 P-5/P-6	1	
	A1-W-1 A1-M-2	JANITOR	EXG	WATCH EXISTING	V.I.F.	P-5/P-6 P-5			P-5/P-6 P-5	3	
- 1	A1-W-1	ENTRY	NEW	MATCH EXISTING	WOOD	P-5/P-6			P-5/P-6	3	
	A1-W-2	JANITOR	EXG	-	HM	P-5			P-5	-	
- 1	A2-M-1	ENTRY	NEW	MATCH EXISTING	WOOD	P-5/P-6			P-5/P-6	3	
	A2-M-2	JANITOR	EXG	-	НМ	P-5			P-5	-	
	A2-W-1	ENTRY	NEW	<b>MATCH EXISTING</b>	WOOD	P-5/P-6			P-5/P-6	3	

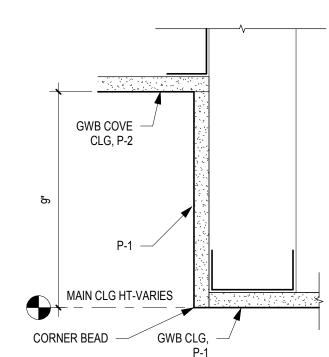
1. SEMINAR ROOM ENTRY DOORS ASSUMED TO BE 36"W x 84"H x 1-1/4" THICK - VERIFY IN FIELD AND MATCH NEW DIMENSIONS TO EXISTING.

2. THRESHOLDS SHALL BE PROVIDED AT THE FOLLOWING LOCATIONS:

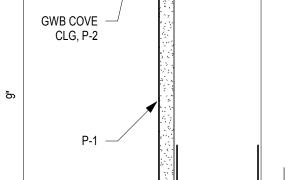
a. EXHIBIT HALL RESTROOM ENTRANCES (REPLACE EXISTING - SEE DETAIL 7/A500.2)

 b. EXHIBIT HALL RESTROOM JANITOR CLOSET DOORS (PROVIDE NEW - NONE EXISTING. SEE DETAIL 7/A500.2)
 c. SEMINAR RESTROOM ENTRANCE DOORS, JANITOR CLOSET DOORS, AND STORAGE ROOM DOORS ENTERED FROM RESTROOM (REPLACE EXISTING MARBLE THRESHOLD IN KIND)

3. PROVIDE WALL BUMPERS.



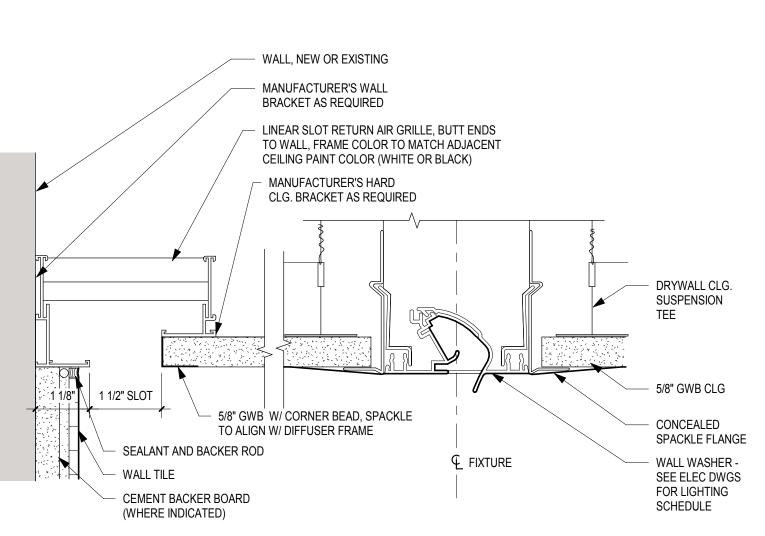
**3 CEILING DETAIL - COVE - SEMINAR ROOM TYPE** A600.1 SCALE: 3" = 1'-0"



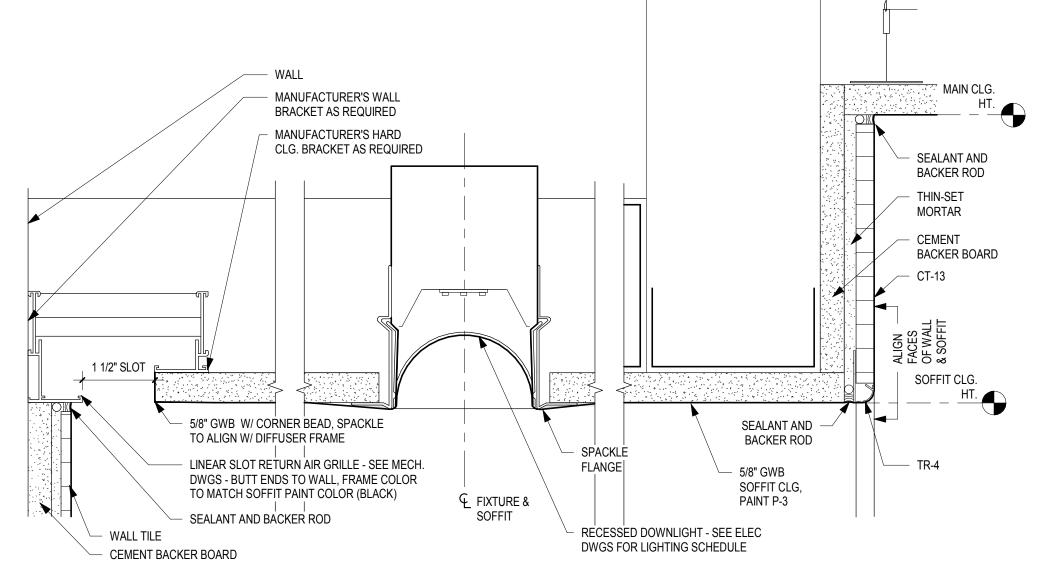
HANGER WIRE TO STRUCTURE ABOVE BY GC CLOISTER VAULT W/7' - 9" RADIUS - SEE RCP DWGS GFRG W/ EMBEDDED MTL FRAMING AND HANGERS INTEGRAL PLYWD REINFORCING COVE LIGHT FIXTURE ON MOUNTING TRACK - SEE ELECT. DWGS. ----L - MTL. ANGLE TO SUPPORT LIGHT FIXTURE JOINTS TAPED & SPACKLED AND - GFRG W/ EMBEDDED MTL. FRAMING SCREW HEADS FILLED MAIN CLG HT. MTL FRAMING -2 1/2" 4 1/2" TAPE JOINT - GWB CLG SUPPORT SYSTEM

4 CEILING DETAIL - VAULT & LIGHT COVE AT RMS. A1 & A2

A600.1 SCALE: 6" = 1'-0"



**CEILING DETAIL - SEMINAR ROOM TYPE** A600.1 SCALE: 6" = 1'-0"



CEILING DETAIL - SINK SOFFIT - SEMINAR ROOM TYPE A600.1 SCALE: 6" = 1'-0"

CONVERSE **WINKLER** ARCHITECTURE 331 MONTGOMERY AVE BALA CYNWYD, PA 19144

ARCHITECTS: CONVERSE WINKLER ARCHITECTURE 331 Montgomery Avenue,

Bala Cynwyd, PA, 19144 Ph: 610.664.0806 Fax: 215.664.1075

Contact: Elin Westrick e-mail: ewestrick@cwarc.com

**MEP ENGINEERS:** 

Chadds Ford, PA 19317

P (610) 459-7900 | F (610) 459-7950 | aroraengineers.com

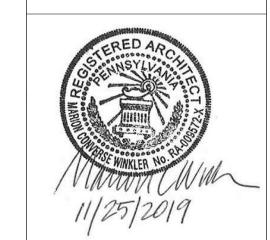
Contact: Kevin Sultanik e-mail: ksultanik@aroraengineers.com

STRUCTURAL ENGINEERS: CSA GROUP

1341 NORTH DELAWARE AVENUE, SUITE 507 PHILADELPHIA, PA 19125

Ph: 215.427.8700 Fax: 215.427.8752

Contact: Wing Au e-mail: wau@csagroup.com



**REVISIONS:** Description

PENNSYLV, CONVENTION (

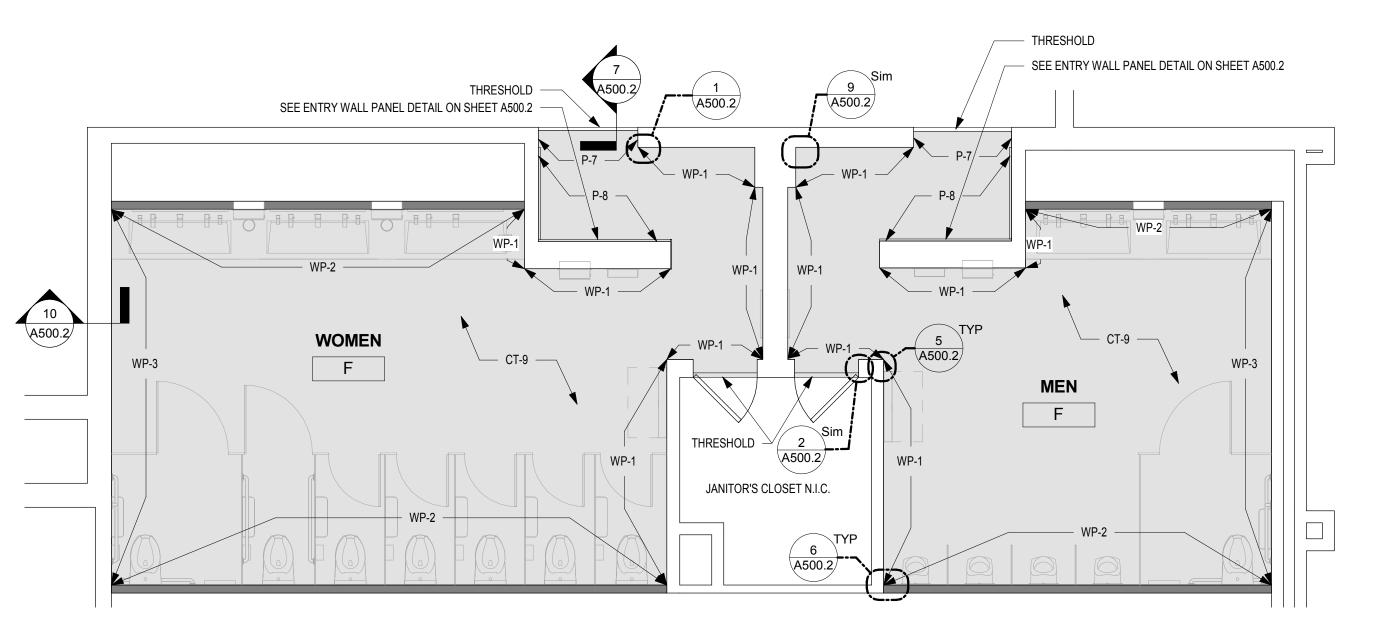
TYPICAL CEILING **DETAILS &** SCHEDULES

CW1615 Project number November 25, 2019 KR/LC Drawn by

EW

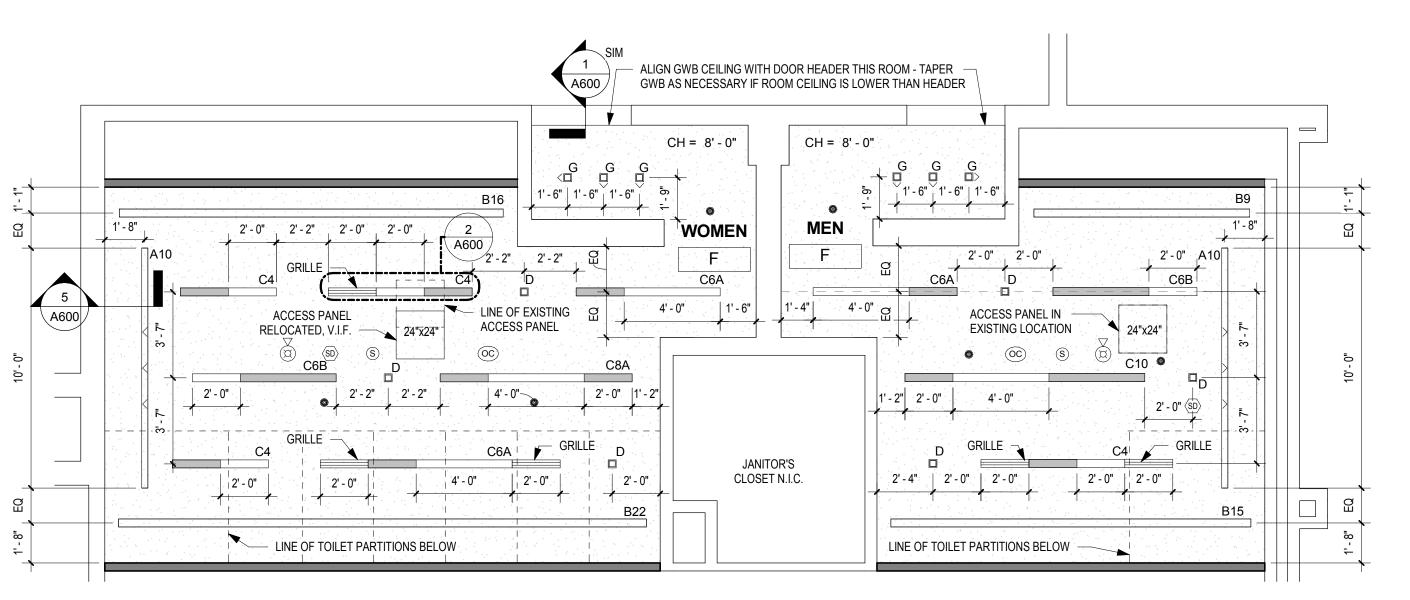
A600.1

Checked by



# FINISH PLAN - MEN'S & WOMEN'S ROOM F

A602 SCALE: 1/4" = 1'-0"



### 1 REFLECTED CEILING PLAN - MEN'S & WOMEN'S ROOM F

A602 SCALE: 1/4" = 1'-0"

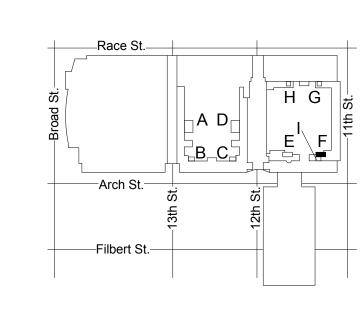
UNLESS NOTED OTHERWISE, LINEAR LIGHT FIXTURES ARE TO BE CENTERED BETWEEN END WALLS.

#### DRAWING GENERAL NOTES

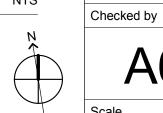
- SEE A500-SERIES SHEETS FOR INTERIOR ELEVATIONS AND WALL TILE PATTERN DETAILS.
   ALL BASIS OF DESIGN FLOOR AND WALL TILE FINISHES AVAILABLE FROM STONE SOURCE - PHILADELPHIA.
- ALL BASIS OF DESIGN FLOOR AND WALL TILE FINISHES
  AVAILABLE FROM STONE SOURCE PHILADELPHIA.
  CONTACT MARC NASBERG: 202.549.3913;
  MNASBERG@STONESOURCE.COM
- 3. SEE LUMINAIRE SCHEDULE ON SHEET E702 FOR BASIS OF DESIGN LIGHT FIXTURES SHOWN ON RCP. AVAILABLE FROM DIVERSIFIED LIGHTING; CONTACT DEIRDRE MCCLINTOCK: (215) 442-0700; DMCCLINTOCK@DLATG.COM
  4. VERIFY IN FIELD THE SUITABILITY OF PROPOSED NEW
- CEILING ACCESS PANEL LOCATIONS. NOTIFY ARCHITECT IF PROPOSED LOCATION DOES NOT PROVIDE ADEQUATE ACCESS, AND PROPOSE ALTERNATE LOCATION.

  5. EXISTING CEILING DEVICES ARE TO BE REPLACED IN KIND, UNLESS OTHERWISE NOTED -- SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION. NEW DEVICE LOCATIONS ARE AS INDICATED ON ARCHITECTURAL RCF.
- 6. PRIMARY CEILINGS IN EXHIBIT HALL TYPE RESTROOMS ARE TO BE REPLACED IN SAME LOCATION AS EXISTING. CEILING HEIGHTS NOTED ON RCP ARE TO BE VERIFIED IN FIELD.
- FIELD.
  7. CONTRACTOR TO NOTIFY ARCHITECT OF ANY
  UNFORESEEN OBSTRUCTIONS PREVENTING INSTALLATION
  OF CEILINGS AT HEIGHT INDICATED ON RCP.
- CEILING OCCUPANCY SENSORS TO BE INSTALLED SO AS
   TO PROVIDE COMPLETE ROOM COVERAGE.
- PAINT CEILINGS P-1 UNLESS NOTED OTHERWISE.
   PROVIDE NEW COVER PLATES FOR EXISTING SPRINKLER HEADS TO REMIAN. SEE MECH. DWGS.

	CEILING LEGEND
X	RECESSED LINEAR LED WALL WASHER
X LIG	RECESSED LINEAR LED SLOT LIGHT HTED PORTION
X	RECESSED LINEAR LED SLOT LIGHT WITH CUSTOM EXTENDED PANEL
	EXTENDED METAL PANEL (SHADED)
X	SQUARE RECESSED LED DOWNLIGHT
⊗ <sup>X</sup>	ROUND RECESSED LED DOWNLIGHT
X>	SQUARE RECESSED LED WALL WASHER
⇒ X	ROUND RECESSED LED WALL WASHER
0	LED PENDANT FIXTURE
	LINEAR LED COVE LIGHTING
	2'-0" DIAMETER SURFACE MTD. ROUND FIXTURE
	2'-0" DIAMETER RECESSED ROUND FIXTURE
O <sup>X</sup>	1'-6" DIAMETER SURFACE MTD. ROUND FIXTURE
	RETURN AIR DIFFUSER
	SUPPLY AIR DIFFUSER
	LINEAR SLOT RETURN AIR GRILLE
	ACCESS PANEL
	SPRINKLER HEAD
	FIRE ALARM DEVICE
OS	OCCUPANCY SENSOR
⟨SD⟩	SMOKE DETECTOR
S	PA SPEAKER
	GWB CEILING
CH = X' - X	C" CEILING HEIGHT



KEY PLAN - LEVEL 100



CONVERSE WINKLER

331 MONTGOMERY AVE BALA CYNWYD, PA 19144

ARCHITECTS:

ARCHITECTURE

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**MEP ENGINEERS:** 

Contact: Kevin Sultanik

CSA GROUP

Ph: 215.427.8700 Fax: 215.427.8752

Contact: Wing Au

**REVISIONS:** 

Description

SUITE 507

Contact: Elin Westrick

e-mail: ewestrick@cwarc.com

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e-mail: ksultanik@aroraengineers.com

1341 NORTH DELAWARE AVENUE,

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e-mail: wau@csagroup.com

Chadds Ford, PA 19317

CONVERSE WINKLER

331 Montgomery Avenue,

Bala Cynwyd, PA, 19144

ARCHITECTURE

PENNSYLVANIA CONVENTION CENTER

RCP & FINISH PLANS - ROOM F (EXHIBIT)

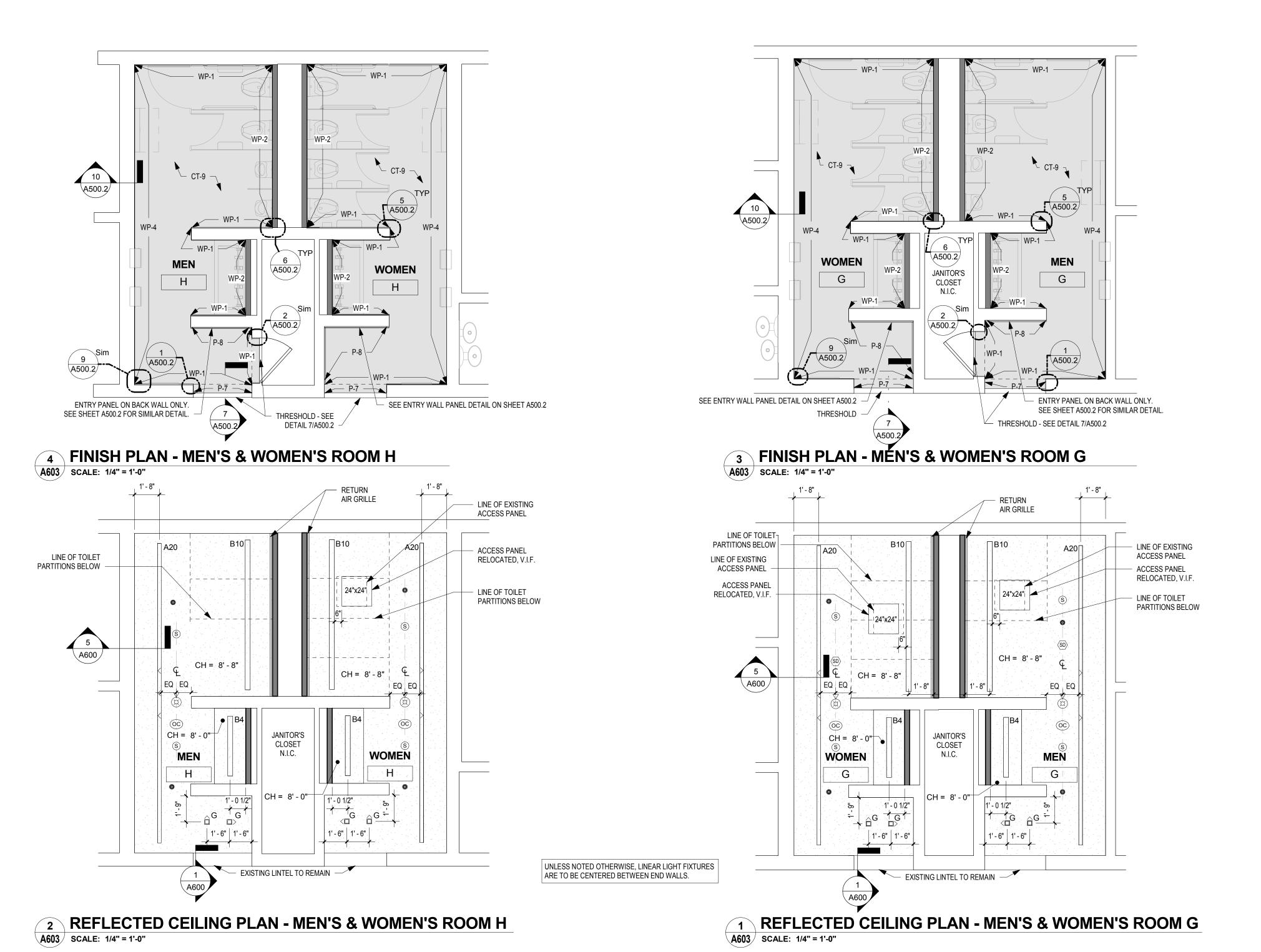
Project number CW1615

Date November 25, 2019

Drawn by KR/LC

EW

A602



#### **DRAWING GENERAL NOTES**

- 1. SEE A500-SERIES SHEETS FOR INTERIOR ELEVATIONS AND WALL TILE PATTERN DETAILS. 2. ALL BASIS OF DESIGN FLOOR AND WALL TILE FINISHES AVAILABLE FROM STONE SOURCE - PHILADELPHIA.
- CONTACT MARC NASBERG: 202.549.3913; MNASBERG@STONESOURCE.COM
- 3. SEE LUMINAIRE SCHEDULE ON SHEET E702 FOR BASIS OF DESIGN LIGHT FIXTURES SHOWN ON RCP. AVAILABLE FROM DIVERSIFIED LIGHTING; CONTACT DEIRDRE MCCLINTOCK: (215) 442-0700; DMCCLINTOCK@DLATG.COM 4. VERIFY IN FIELD THE SUITABILITY OF PROPOSED NEW
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- 7. CONTRACTOR TO NOTIFY ARCHITECT OF ANY UNFORESEEN OBSTRUCTIONS PREVENTING INSTALLATION
- OF CEILINGS AT HEIGHT INDICATED ON RCP. 8. CEILING OCCUPANCY SENSORS TO BE INSTALLED SO AS TO PROVIDE COMPLETE ROOM COVERAGE.
- PAINT CEILINGS P-1 UNLESS NOTED OTHERWISE. 10. PROVIDE NEW COVER PLATES FOR EXISTING SPRINKLER
- CSA GROUP HEADS TO REMIAN. SEE MECH. DWGS. 1341 NORTH DELAWARE AVENUE, SUITE 507

CONVERSE **WINKLER** 

ARCHITECTURE

ARCHITECTS:

ARCHITECTURE

Ph: 610.664.0806

Fax: 215.664.1075

**MEP ENGINEERS:** 

Contact: Kevin Sultanik

Contact: Elin Westrick

e-mail: ewestrick@cwarc.com

P (610) 459-7900 F (610) 459-7950 aroraengineers.com

e-mail: ksultanik@aroraengineers.com

STRUCTURAL ENGINEERS:

PHILADELPHIA, PA 19125

Ph: 215.427.8700 Fax: 215.427.8752

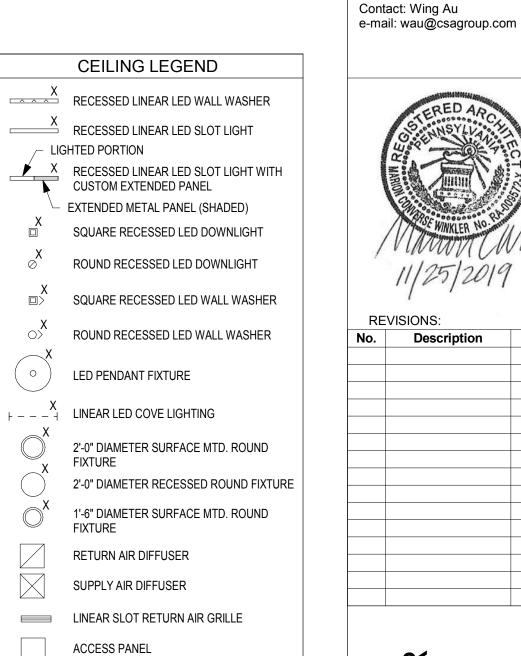
Chadds Ford, PA 19317

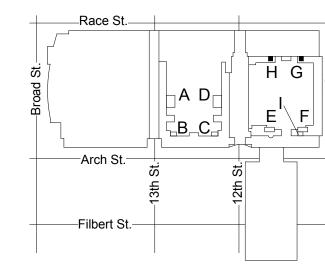
CONVERSE WINKLER

331 Montgomery Avenue,

Bala Cynwyd, PA, 19144

331 MONTGOMERY AVE BALA CYNWYD, PA 19144





SPRINKLER HEAD

FIRE ALARM DEVICE

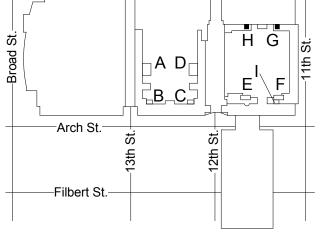
OCCUPANCY SENSOR

SMOKE DETECTOR

**GWB CEILING** 

S PA SPEAKER

CH = X' - X" CEILING HEIGHT



KEY PLAN - LEVEL 100



November 25, 2019 Date KR/LC Drawn by Checked by

PENNSYLVANIA CONVENTION CENTER

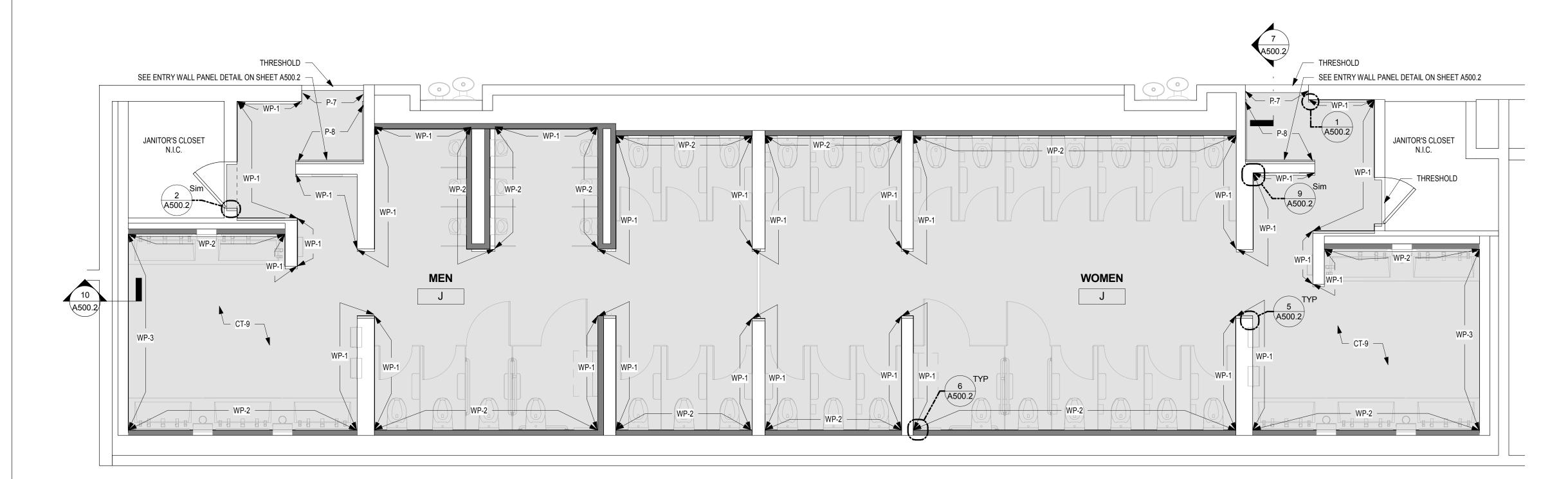
A603 As indicated

RCP & FINISH

PLANS - ROOMS

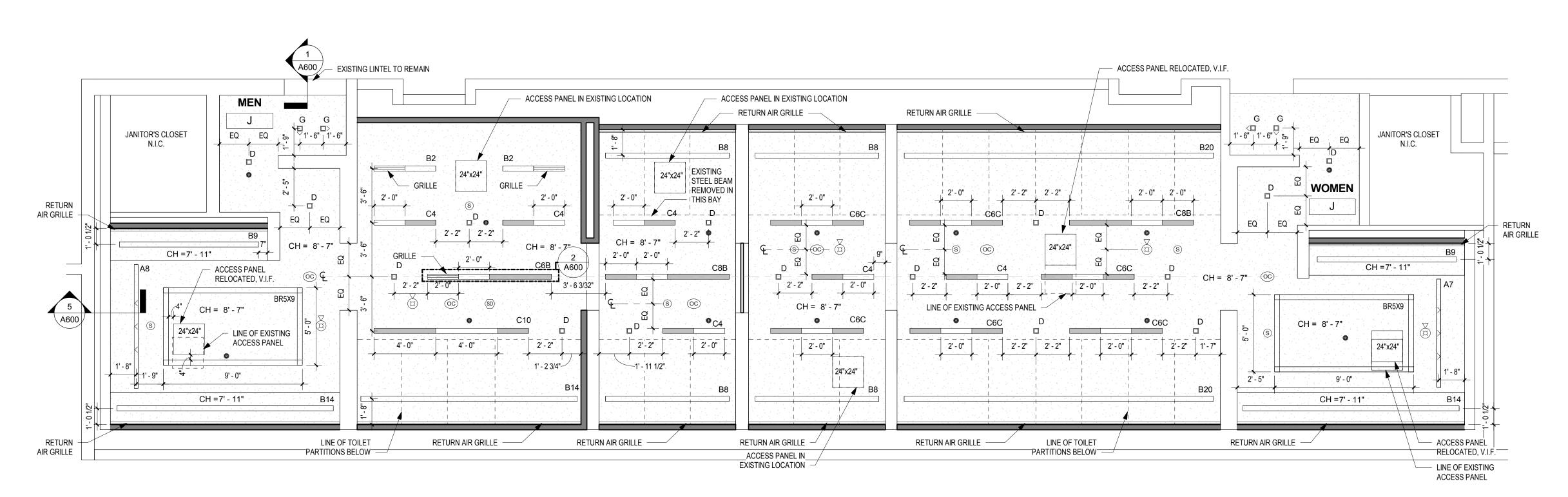
G, H (EXHIBIT)

CW1615



### FINISH PLAN - MEN'S & WOMEN'S ROOM J

A604 SCALE: 1/4" = 1'-0"



REFLECTED CEILING PLAN - MEN'S & WOMEN'S ROOM J A604 | SCALE: 1/4" = 1'-0"

UNLESS NOTED OTHERWISE, LINEAR LIGHT FIXTURES ARE TO BE CENTERED BETWEEN END WALLS.

#### DRAWING GENERAL NOTES

- 1. SEE A500-SERIES SHEETS FOR INTERIOR ELEVATIONS AND WALL TILE PATTERN DETAILS. 2. ALL BASIS OF DESIGN FLOOR AND WALL TILE FINISHES AVAILABLE FROM STONE SOURCE - PHILADELPHIA.
- CONTACT MARC NASBERG: 202.549.3913; MNASBERG@STONESOURCE.COM 3. SEE LUMINAIRE SCHEDULE ON SHEET E702 FOR BASIS OF
- DESIGN LIGHT FIXTURES SHOWN ON RCP. AVAILABLE FROM DIVERSIFIED LIGHTING; CONTACT DEIRDRE MCCLINTOCK: (215) 442-0700; DMCCLINTOCK@DLATG.COM 4. VERIFY IN FIELD THE SUITABILITY OF PROPOSED NEW
- CEILING ACCESS PANEL LOCATIONS. NOTIFY ARCHITECT IF PROPOSED LOCATION DOES NOT PROVIDE ADEQUATE ACCESS, AND PROPOSE ALTERNATE LOCATION. 5. EXISTING CEILING DEVICES ARE TO BE REPLACED IN KIND, UNLESS OTHERWISE NOTED -- SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION. NEW DEVICE LOCATIONS ARE AS INDICATED ON ARCHITECTURAL RCP.
- 6. PRIMARY CEILINGS IN EXHIBIT HALL TYPE RESTROOMS ARE TO BE REPLACED IN SAME LOCATION AS EXISTING. CEILING HEIGHTS NOTED ON RCP ARE TO BE VERIFIED IN
- 7. CONTRACTOR TO NOTIFY ARCHITECT OF ANY UNFORESEEN OBSTRUCTIONS PREVENTING INSTALLATION
- OF CEILINGS AT HEIGHT INDICATED ON RCP. 8. CEILING OCCUPANCY SENSORS TO BE INSTALLED SO AS TO PROVIDE COMPLETE ROOM COVERAGE.
- PAINT CEILINGS P-1 UNLESS NOTED OTHERWISE. 10. PROVIDE NEW COVER PLATES FOR EXISTING SPRINKLER HEADS TO REMIAN. SEE MECH. DWGS.

Contact: Wing Au e-mail: wau@csagroup.com

CONVERSE **WINKLER** 

331 MONTGOMERY AVE BALA CYNWYD, PA 19144

ARCHITECTS:

ARCHITECTURE

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Fax: 215.664.1075

**MEP ENGINEERS:** 

**ARORA**°

Contact: Kevin Sultanik

CSA GROUP

Ph: 215.427.8700 Fax: 215.427.8752

**REVISIONS:** 

PENNSYLVANIA CONVENTION CENTER

RESTROOM RENOVATIONS
101 ARCH STREET, PHILADELPHIA, PA 191

CW1615

KR/LC

ΕW

Description

SUITE 507

STRUCTURAL ENGINEERS:

PHILADELPHIA, PA 19125

Contact: Elin Westrick

e-mail: ewestrick@cwarc.com

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e-mail: ksultanik@aroraengineers.com

1341 NORTH DELAWARE AVENUE,

Chadds Ford, PA 19317

CONVERSE WINKLER

331 Montgomery Avenue,

Bala Cynwyd, PA, 19144

ARCHITECTURE

CEILING LEGEND

X RECESSED LINEAR LED WALL WASHER

RECESSED LINEAR LED SLOT LIGHT LIGHTED PORTION X RECESSED LINEAR LED SLOT LIGHT WITH

CUSTOM EXTENDED PANEL EXTENDED METAL PANEL (SHADED)

SQUARE RECESSED LED DOWNLIGHT

ROUND RECESSED LED DOWNLIGHT

SQUARE RECESSED LED WALL WASHER

ROUND RECESSED LED WALL WASHER

LED PENDANT FIXTURE

⊦ - - - X LINEAR LED COVE LIGHTING

2'-0" DIAMETER SURFACE MTD. ROUND

2'-0" DIAMETER RECESSED ROUND FIXTURE

1'-6" DIAMETER SURFACE MTD. ROUND

RETURN AIR DIFFUSER

LINEAR SLOT RETURN AIR GRILLE

SUPPLY AIR DIFFUSER

ACCESS PANEL

SPRINKLER HEAD

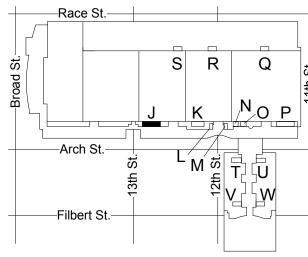
FIRE ALARM DEVICE

OS OCCUPANCY SENSOR SMOKE DETECTOR

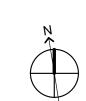
(s)PA SPEAKER

**GWB CEILING** 

CH = X' - X" CEILING HEIGHT



KEY PLAN - LEVEL 200



November 25, 2019 Date Checked by

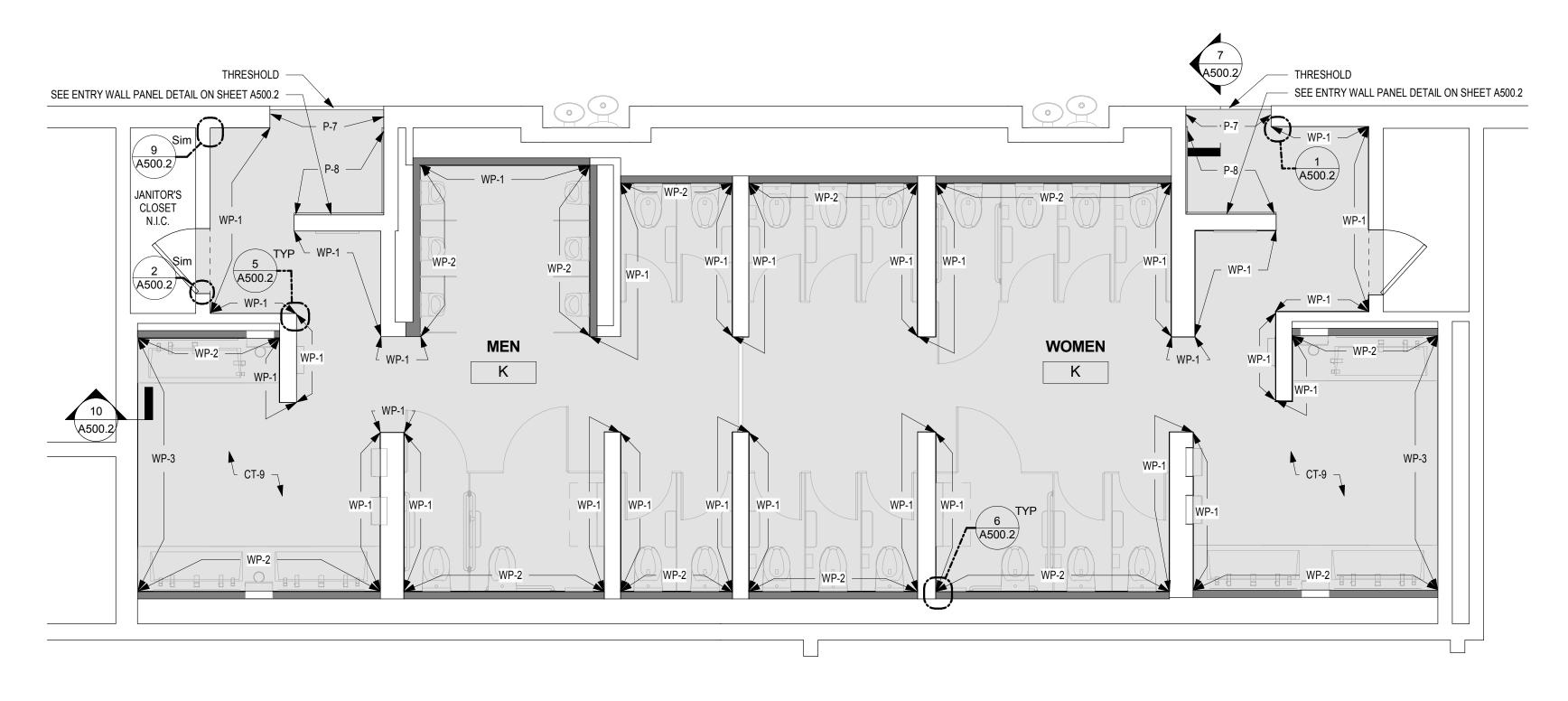
Project number

As indicated

RCP & FINISH

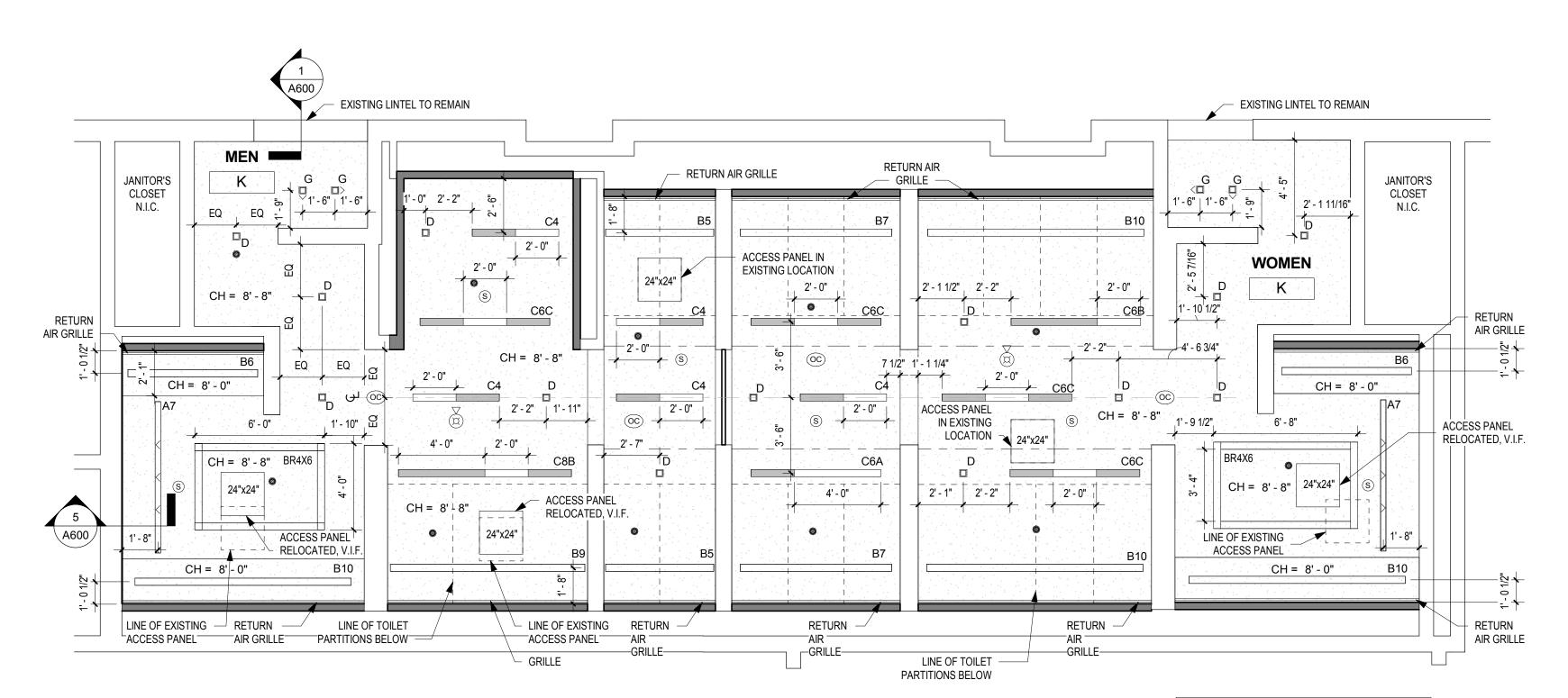
PLANS - ROOM J

(EXHIBIT)



# FINISH PLAN - MEN'S & WOMEN'S ROOM K

A605 / SCALE: 1/4" = 1'-0"



REFLECTED CEILING PLAN - MEN'S & WOMEN'S ROOM K A605 SCALE: 1/4" = 1'-0"

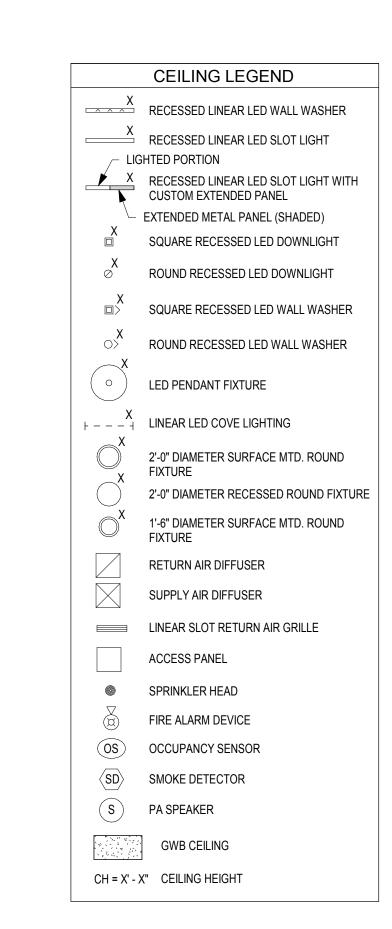
UNLESS NOTED OTHERWISE, LINEAR LIGHT FIXTURES ARE TO BE CENTERED BETWEEN END WALLS.

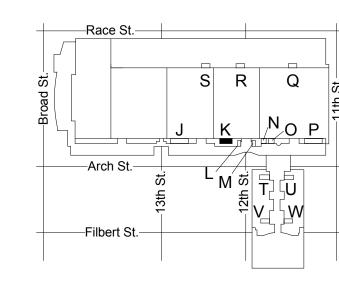
#### DRAWING GENERAL NOTES

- 1. SEE A500-SERIES SHEETS FOR INTERIOR ELEVATIONS AND WALL TILE PATTERN DETAILS. 2. ALL BASIS OF DESIGN FLOOR AND WALL TILE FINISHES AVAILABLE FROM STONE SOURCE - PHILADELPHIA. CONTACT MARC NASBERG: 202.549.3913;
- MNASBERG@STONESOURCE.COM 3. SEE LUMINAIRE SCHEDULE ON SHEET E702 FOR BASIS OF DESIGN LIGHT FIXTURES SHOWN ON RCP. AVAILABLE FROM DIVERSIFIED LIGHTING; CONTACT DEIRDRE
- MCCLINTOCK: (215) 442-0700; DMCCLINTOCK@DLATG.COM 4. VERIFY IN FIELD THE SUITABILITY OF PROPOSED NEW CEILING ACCESS PANEL LOCATIONS. NOTIFY ARCHITECT IF PROPOSED LOCATION DOES NOT PROVIDE ADEQUATE ACCESS, AND PROPOSE ALTERNATE LOCATION. 5. EXISTING CEILING DEVICES ARE TO BE REPLACED IN KIND, UNLESS OTHERWISE NOTED -- SEE MECHANICAL AND

ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION. NEW DEVICE LOCATIONS ARE AS INDICATED ON

- ARCHITECTURAL RCP. 6. PRIMARY CEILINGS IN EXHIBIT HALL TYPE RESTROOMS ARE TO BE REPLACED IN SAME LOCATION AS EXISTING. CEILING HEIGHTS NOTED ON RCP ARE TO BE VERIFIED IN
- 7. CONTRACTOR TO NOTIFY ARCHITECT OF ANY UNFORESEEN OBSTRUCTIONS PREVENTING INSTALLATION
- OF CEILINGS AT HEIGHT INDICATED ON RCP. 8. CEILING OCCUPANCY SENSORS TO BE INSTALLED SO AS TO PROVIDE COMPLETE ROOM COVERAGE.
- PAINT CEILINGS P-1 UNLESS NOTED OTHERWISE. 10. PROVIDE NEW COVER PLATES FOR EXISTING SPRINKLER HEADS TO REMIAN. SEE MECH. DWGS.





KEY PLAN - LEVEL 200



331 MONTGOMERY AVE BALA CYNWYD, PA 19144

ARCHITECTS: CONVERSE WINKLER ARCHITECTURE 331 Montgomery Avenue, Bala Cynwyd, PA, 19144

Ph: 610.664.0806 Fax: 215.664.1075

CONVERSE **WINKLER** 

ARCHITECTURE

Contact: Elin Westrick e-mail: ewestrick@cwarc.com

**MEP ENGINEERS:** 



P (610) 459-7900 F (610) 459-7950 aroraengineers.com

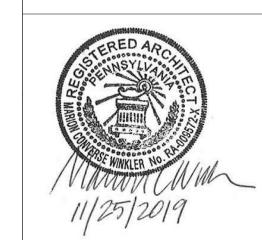
Contact: Kevin Sultanik e-mail: ksultanik@aroraengineers.com

STRUCTURAL ENGINEERS:

CSA GROUP 1341 NORTH DELAWARE AVENUE, SUITE 507 PHILADELPHIA, PA 19125

Ph: 215.427.8700 Fax: 215.427.8752

Contact: Wing Au e-mail: wau@csagroup.com

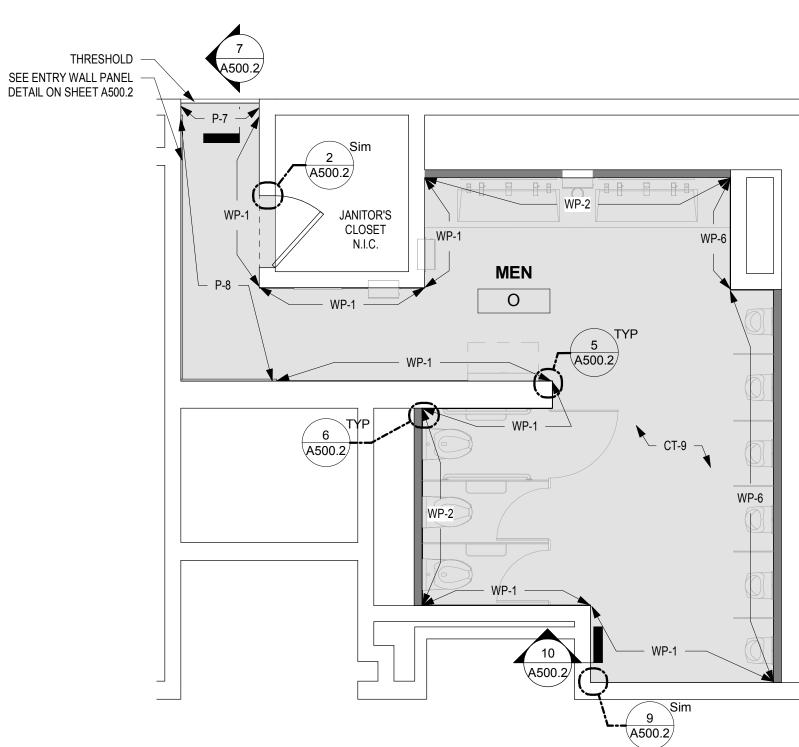


**REVISIONS:** Description

PENNSYLVANIA CONVENTION CENTER RESTROOM RENOVATIONS
101 ARCH STREET, PHILADELPHIA, PA 191

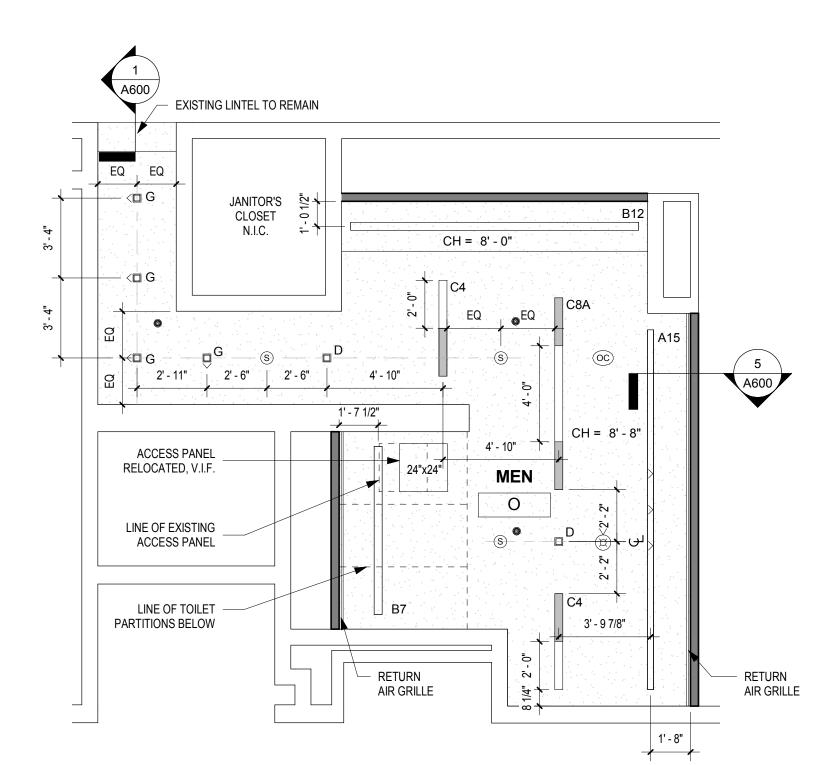
RCP & FINISH PLANS - ROOM K (EXHIBIT)

CW1615 Project number November 25, 2019 Date KR/LC ΕW



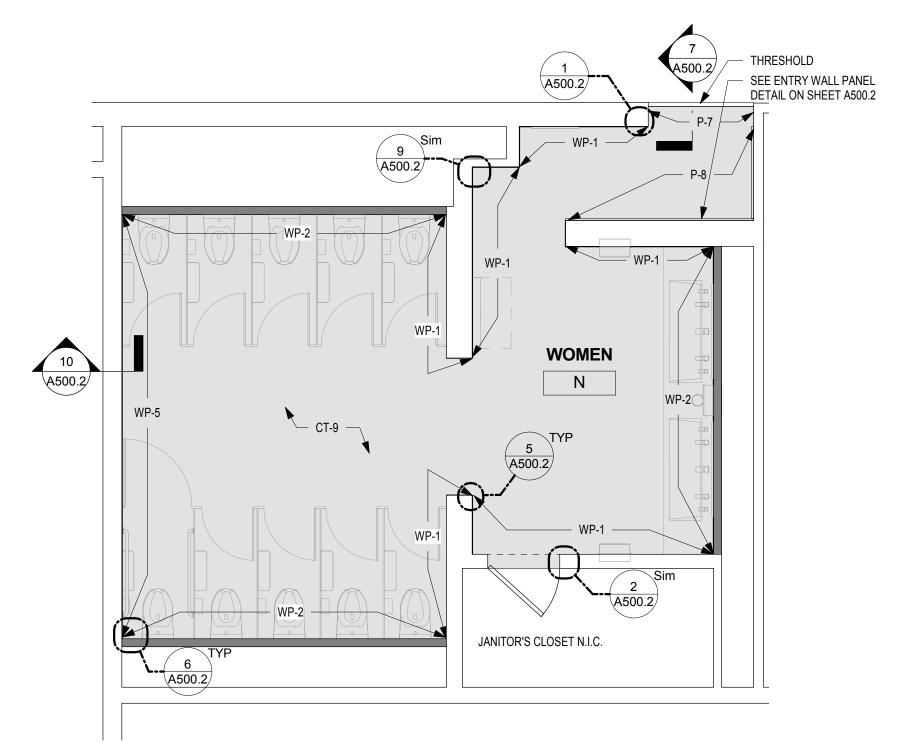
# 4 FINISH PLAN - MEN'S ROOM O

A606 SCALE: 1/4" = 1'-0"

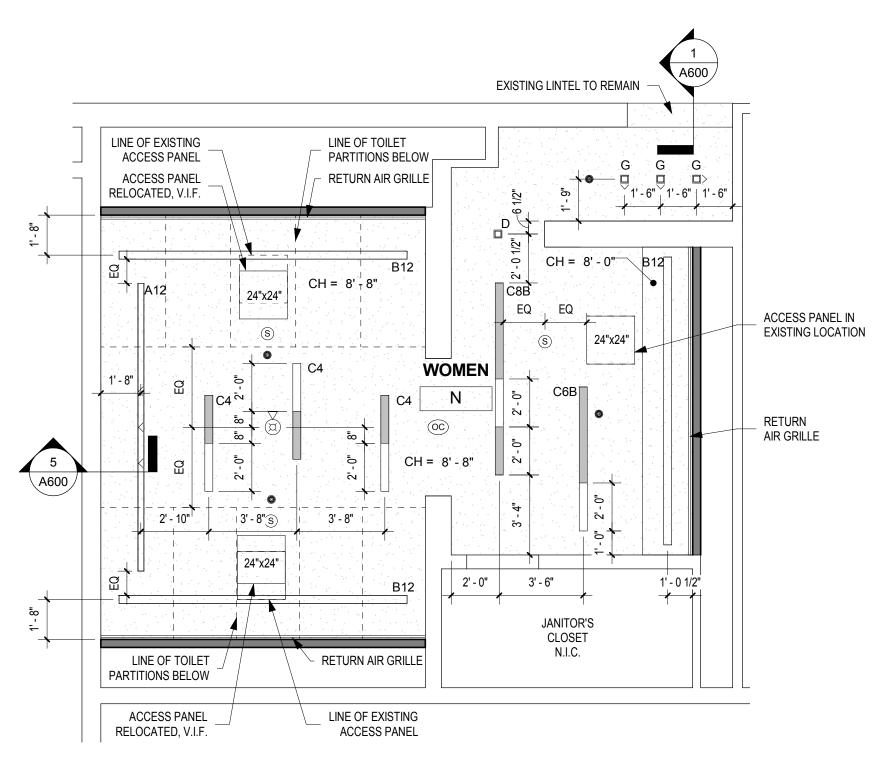


**REFLECTED CEILING PLAN - MEN'S ROOM O** A606 SCALE: 1/4" = 1'-0"

UNLESS NOTED OTHERWISE, LINEAR LIGHT FIXTURES ARE TO BE CENTERED BETWEEN END WALLS.



#### **3** FINISH PLAN - WOMEN'S ROOM N A606 SCALE: 1/4" = 1'-0"



REFLECTED CEILING PLAN - WOMEN'S ROOM N A606 SCALE: 1/4" = 1'-0"

#### **DRAWING GENERAL NOTES**

- 1. SEE A500-SERIES SHEETS FOR INTERIOR ELEVATIONS AND WALL TILE PATTERN DETAILS. 2. ALL BASIS OF DESIGN FLOOR AND WALL TILE FINISHES AVAILABLE FROM STONE SOURCE - PHILADELPHIA.
- CONTACT MARC NASBERG: 202.549.3913; MNASBERG@STONESOURCE.COM 3. SEE LUMINAIRE SCHEDULE ON SHEET E702 FOR BASIS OF DESIGN LIGHT FIXTURES SHOWN ON RCP. AVAILABLE FROM DIVERSIFIED LIGHTING; CONTACT DEIRDRE
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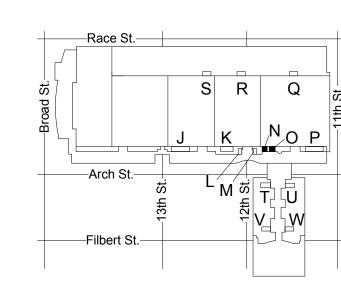
ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

- ARCHITECTURAL RCP. 6. PRIMARY CEILINGS IN EXHIBIT HALL TYPE RESTROOMS ARE TO BE REPLACED IN SAME LOCATION AS EXISTING. CEILING HEIGHTS NOTED ON RCP ARE TO BE VERIFIED IN
- 7. CONTRACTOR TO NOTIFY ARCHITECT OF ANY

NEW DEVICE LOCATIONS ARE AS INDICATED ON

- UNFORESEEN OBSTRUCTIONS PREVENTING INSTALLATION OF CEILINGS AT HEIGHT INDICATED ON RCP. 8. CEILING OCCUPANCY SENSORS TO BE INSTALLED SO AS TO PROVIDE COMPLETE ROOM COVERAGE.
- 9. PAINT CEILINGS P-1 UNLESS NOTED OTHERWISE. 10. PROVIDE NEW COVER PLATES FOR EXISTING SPRINKLER HEADS TO REMIAN. SEE MECH. DWGS.

	CEILING LEGEND
X	RECESSED LINEAR LED WALL WASHER
X	RECESSED LINEAR LED SLOT LIGHT
✓ LIG X	HTED PORTION  RECESSED LINEAR LED SLOT LIGHT WITH
	CUSTOM EXTENDED PANEL
X	EXTENDED METAL PANEL (SHADED)
□ X ⊘	SQUARE RECESSED LED DOWNLIGHT
_	ROUND RECESSED LED DOWNLIGHT
X □>	SQUARE RECESSED LED WALL WASHER
×	ROUND RECESSED LED WALL WASHER
0	LED PENDANT FIXTURE
+ +	LINEAR LED COVE LIGHTING
O^ - X	2'-0" DIAMETER SURFACE MTD. ROUND FIXTURE
	2'-0" DIAMETER RECESSED ROUND FIXTURE
$\bigcirc_{X}$	1'-6" DIAMETER SURFACE MTD. ROUND FIXTURE
	RETURN AIR DIFFUSER
	SUPPLY AIR DIFFUSER
	LINEAR SLOT RETURN AIR GRILLE
	ACCESS PANEL
	SPRINKLER HEAD
	FIRE ALARM DEVICE
OS	OCCUPANCY SENSOR
$\langle SD \rangle$	SMOKE DETECTOR
S	PA SPEAKER
	GWB CEILING
CH = X' - >	(" CEILING HEIGHT



KEY PLAN - LEVEL 200

KR/LC



CW1615

EW

November 25, 2019

PENNSYLVANIA CONVENTION CENTER RESTROOM RENOVATIONS
101 ARCH STREET, PHILADELPHIA, PA 191

CONVERSE **WINKLER** 

331 MONTGOMERY AVE BALA CYNWYD, PA 19144

ARCHITECTS:

ARCHITECTURE

Ph: 610.664.0806

Fax: 215.664.1075

**MEP ENGINEERS:** 

**ARORA**°

Contact: Kevin Sultanik

**CSA GROUP** 

Ph: 215.427.8700 Fax: 215.427.8752

Contact: Wing Au

**REVISIONS:** 

Description

SUITE 507

STRUCTURAL ENGINEERS:

PHILADELPHIA, PA 19125

e-mail: wau@csagroup.com

Contact: Elin Westrick

e-mail: ewestrick@cwarc.com

P (610) 459-7900 | F (610) 459-7950 | aroraengineers.com

e-mail: ksultanik@aroraengineers.com

1341 NORTH DELAWARE AVENUE,

Chadds Ford, PA 19317

CONVERSE WINKLER

331 Montgomery Avenue,

Bala Cynwyd, PA, 19144

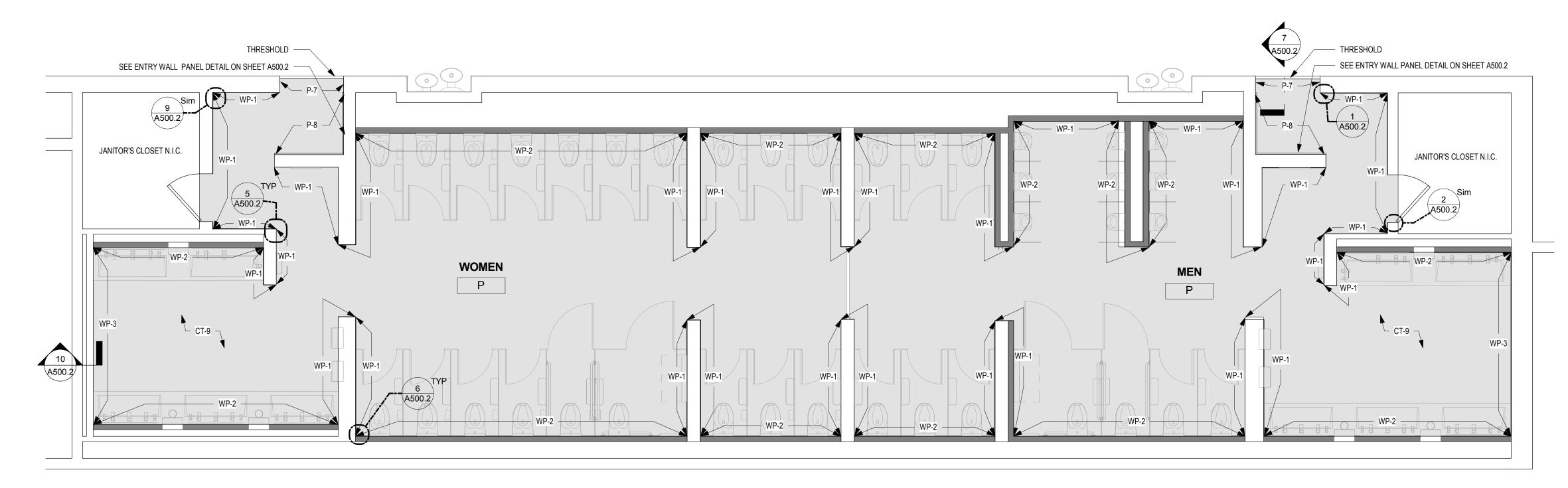
ARCHITECTURE

RCP & FINISH PLANS - ROOMS N, O (EXHIBIT)

Checked by

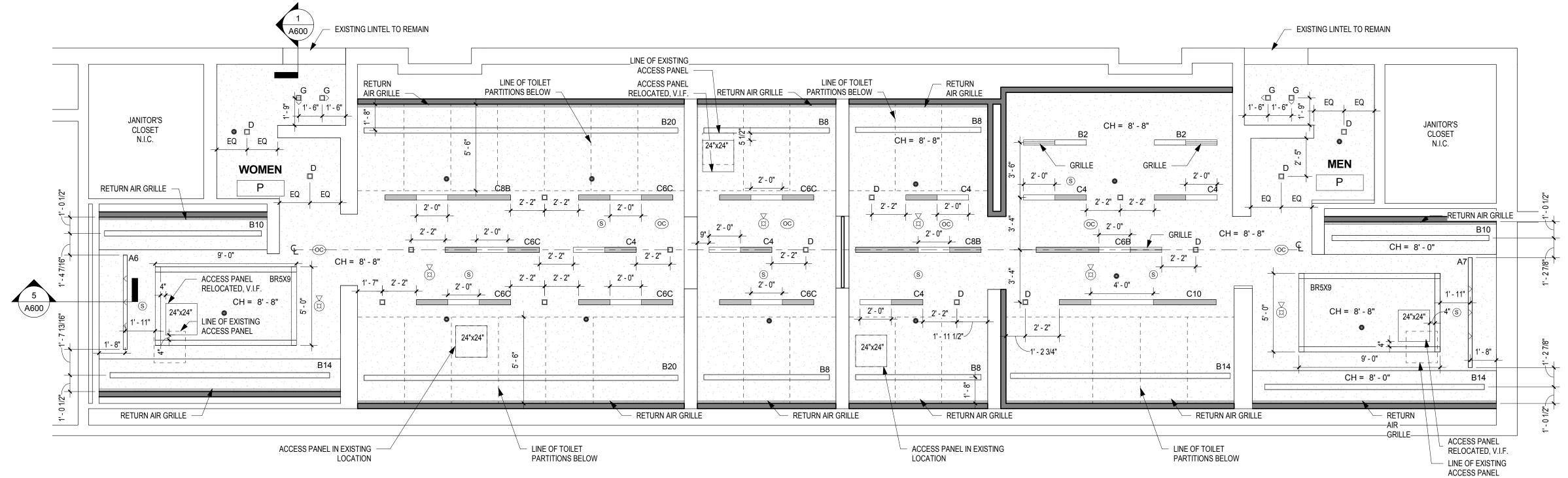
Project number

Date



# FINISH PLAN - MEN'S & WOMEN'S ROOM P

A607 SCALE: 1/4" = 1'-0"



# REFLECTED CEILING PLAN - MEN'S & WOMEN'S ROOM P

A607 SCALE: 1/4" = 1'-0"

UNLESS NOTED OTHERWISE, LINEAR LIGHT FIXTURES ARE TO BE CENTERED BETWEEN END WALLS.

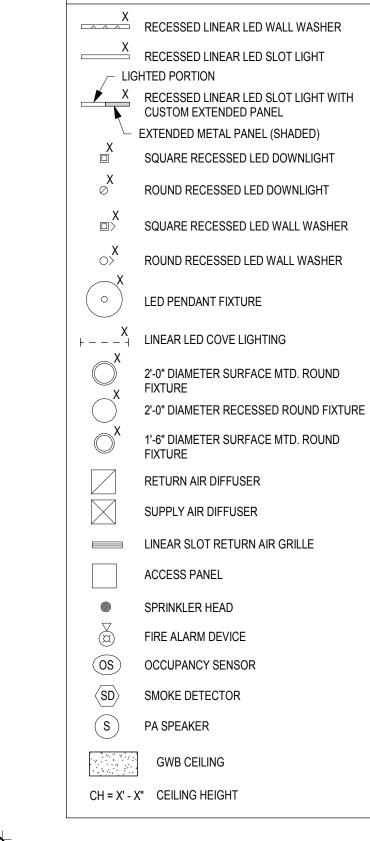
#### **DRAWING GENERAL NOTES**

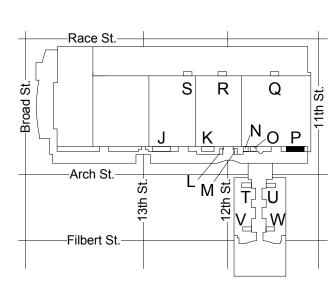
- 1. SEE A500-SERIES SHEETS FOR INTERIOR ELEVATIONS AND WALL TILE PATTERN DETAILS. 2. ALL BASIS OF DESIGN FLOOR AND WALL TILE FINISHES AVAILABLE FROM STONE SOURCE - PHILADELPHIA. CONTACT MARC NASBERG: 202.549.3913;
- MNASBERG@STONESOURCE.COM 3. SEE LUMINAIRE SCHEDULE ON SHEET E702 FOR BASIS OF DESIGN LIGHT FIXTURES SHOWN ON RCP. AVAILABLE FROM DIVERSIFIED LIGHTING; CONTACT DEIRDRE
- MCCLINTOCK: (215) 442-0700; DMCCLINTOCK@DLATG.COM 4. VERIFY IN FIELD THE SUITABILITY OF PROPOSED NEW CEILING ACCESS PANEL LOCATIONS. NOTIFY ARCHITECT IF PROPOSED LOCATION DOES NOT PROVIDE ADEQUATE ACCESS, AND PROPOSE ALTERNATE LOCATION. 5. EXISTING CEILING DEVICES ARE TO BE REPLACED IN KIND, UNLESS OTHERWISE NOTED -- SEE MECHANICAL AND

ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION. NEW DEVICE LOCATIONS ARE AS INDICATED ON

- ARCHITECTURAL RCP. 6. PRIMARY CEILINGS IN EXHIBIT HALL TYPE RESTROOMS ARE TO BE REPLACED IN SAME LOCATION AS EXISTING. CEILING HEIGHTS NOTED ON RCP ARE TO BE VERIFIED IN
- 7. CONTRACTOR TO NOTIFY ARCHITECT OF ANY
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- TO PROVIDE COMPLETE ROOM COVERAGE. PAINT CEILINGS P-1 UNLESS NOTED OTHERWISE.
- 10. PROVIDE NEW COVER PLATES FOR EXISTING SPRINKLER HEADS TO REMIAN. SEE MECH. DWGS.

CEILING LEGEND





KEY PLAN - LEVEL 200

CW1615 Project number Date Checked by

As indicated

CONVERSE **WINKLER** ARCHITECTURE 331 MONTGOMERY AVE BALA CYNWYD, PA 19144

ARCHITECTS: CONVERSE WINKLER ARCHITECTURE 331 Montgomery Avenue, Bala Cynwyd, PA, 19144

Ph: 610.664.0806 Fax: 215.664.1075

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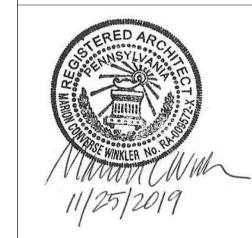
e-mail: ksultanik@aroraengineers.com

STRUCTURAL ENGINEERS:

CSA GROUP 1341 NORTH DELAWARE AVENUE, SUITE 507 PHILADELPHIA, PA 19125

Ph: 215.427.8700 Fax: 215.427.8752

Contact: Wing Au e-mail: wau@csagroup.com

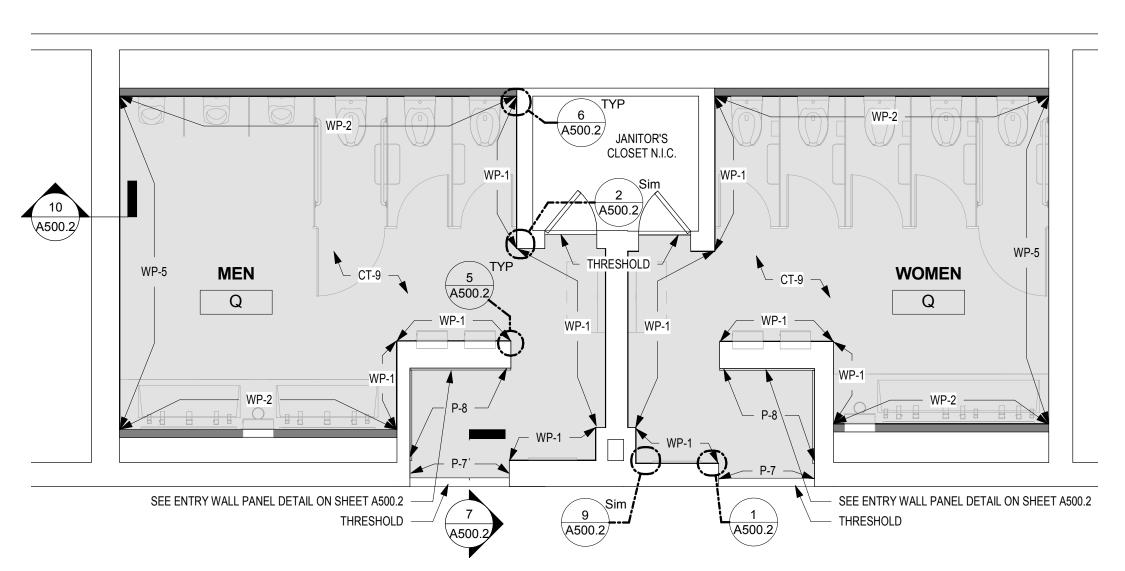


**REVISIONS:** Description

PENNSYLVANIA CONVENTION CENTER RESTROOM RENOVATIONS

RCP & FINISH PLAN - ROOM P (EXHIBIT)

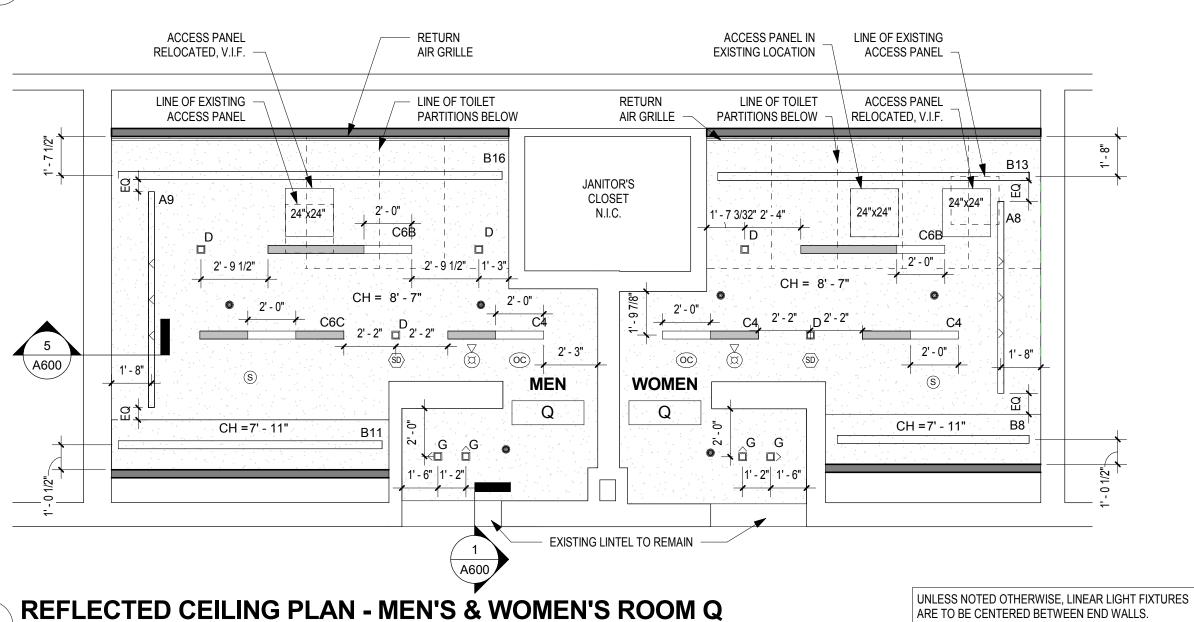
November 25, 2019 KR/LC EW



### FINISH PLAN - MEN'S & WOMEN'S ROOM Q

#### A608 SCALE: 1/4" = 1'-0"

A608 SCALE: 1/4" = 1'-0"



#### **DRAWING GENERAL NOTES**

- SEE A500-SERIES SHEETS FOR INTERIOR ELEVATIONS AND WALL TILE PATTERN DETAILS.
   ALL BASIS OF DESIGN FLOOR AND WALL TILE FINISHES AVAILABLE FROM STONE SOURCE - PHILADELPHIA.
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  AVAILABLE FROM STONE SOURCE PHILADELPHIA.
  CONTACT MARC NASBERG: 202.549.3913;
  MNASBERG@STONESOURCE.COM

CONVERSE WINKLER

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ARCHITECTURE

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Arora Engineers, Inc.

Chadds Ford, PA 19317

CONVERSE WINKLER

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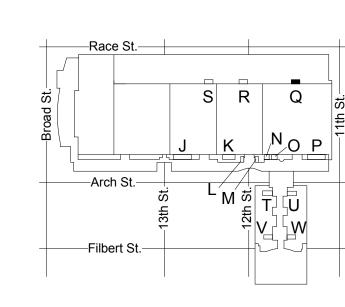
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- 6. PRIMARY CEILINGS IN EXHIBIT HALL TYPE RESTROOMS ARE TO BE REPLACED IN SAME LOCATION AS EXISTING. CEILING HEIGHTS NOTED ON RCP ARE TO BE VERIFIED IN FIELD.
- FIELD.
  7. CONTRACTOR TO NOTIFY ARCHITECT OF ANY
  UNFORESEEN OBSTRUCTIONS PREVENTING INSTALLATION
- OF CEILINGS AT HEIGHT INDICATED ON RCP.

  8. CEILING OCCUPANCY SENSORS TO BE INSTALLED SO AS TO PROVIDE COMPLETE ROOM COVERAGE.

  9. PAINT CEILINGS P-1 UNLESS NOTED OTHERWISE.
- 10. PROVIDE NEW COVER PLATES FOR EXISTING SPRINKLER
  HEADS TO REMIAN. SEE MECH. DWGS.

	CEILING LEGEND
X	RECESSED LINEAR LED WALL WASHER
X	RECESSED LINEAR LED SLOT LIGHT HTED PORTION
X	RECESSED LINEAR LED SLOT LIGHT WITH CUSTOM EXTENDED PANEL
X	EXTENDED METAL PANEL (SHADED)  SQUARE RECESSED LED DOWNLIGHT
X Ø	ROUND RECESSED LED DOWNLIGHT
X □>	SQUARE RECESSED LED WALL WASHER
X (>)	ROUND RECESSED LED WALL WASHER
o X	LED PENDANT FIXTURE
F +	LINEAR LED COVE LIGHTING
X	2'-0" DIAMETER SURFACE MTD. ROUND FIXTURE
	2'-0" DIAMETER RECESSED ROUND FIXTUR
$\bigcirc^{X}$	1'-6" DIAMETER SURFACE MTD. ROUND FIXTURE
	RETURN AIR DIFFUSER
	SUPPLY AIR DIFFUSER
	LINEAR SLOT RETURN AIR GRILLE
	ACCESS PANEL
	SPRINKLER HEAD
$\bigotimes$	FIRE ALARM DEVICE
OS	OCCUPANCY SENSOR
$\langle SD \rangle$	SMOKE DETECTOR
S	PA SPEAKER
1.57.52.50 1.57.57.50 1.57.50 1.5	GWB CEILING
CH = X' - X	C" CEILING HEIGHT



KEY PLAN - LEVEL 200

Project number

PENNSYLVANIA CONVENTION CENTER

Date November 25, 2019
Drawn by KR/LC
Checked by EW

RCP & FINISH

PLAN - ROOM Q

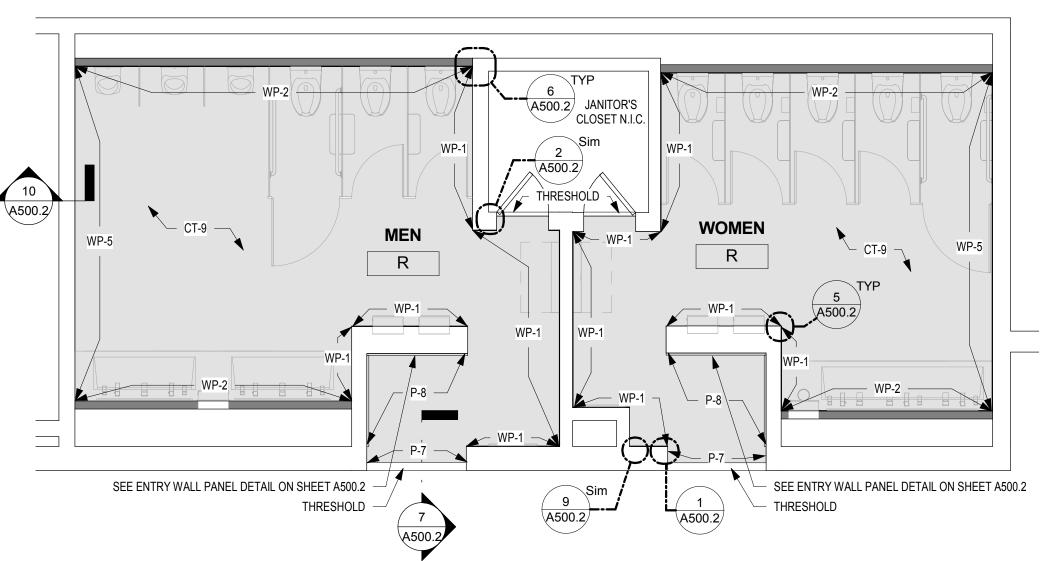
(EXHIBIT)

CW1615



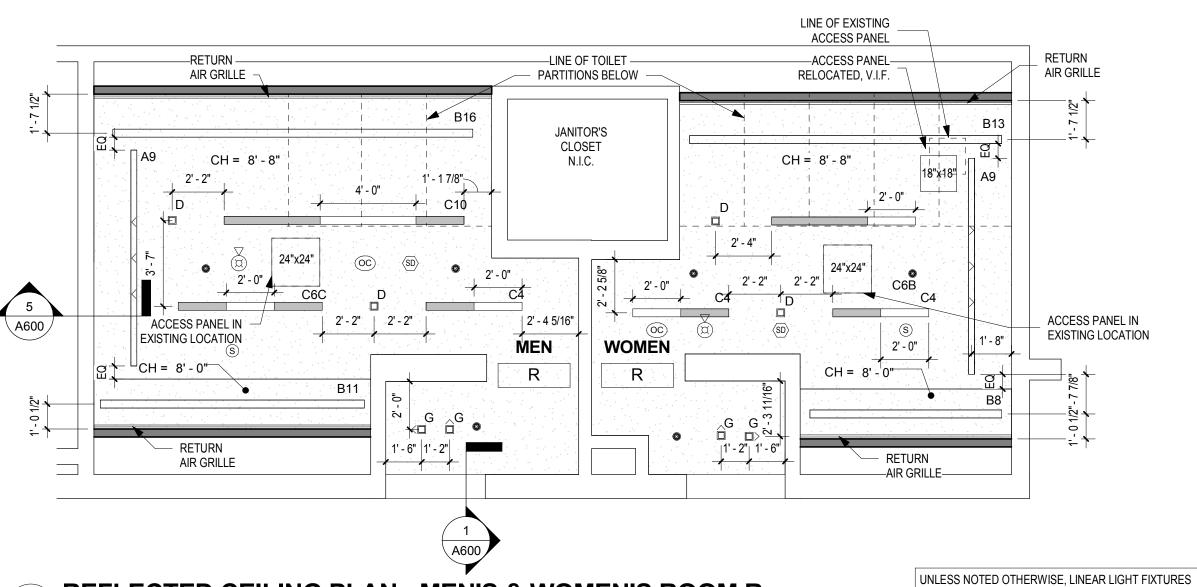
cale As indicated





# FINISH PLAN - MEN'S & WOMEN'S ROOM R

A609 SCALE: 1/4" = 1'-0"

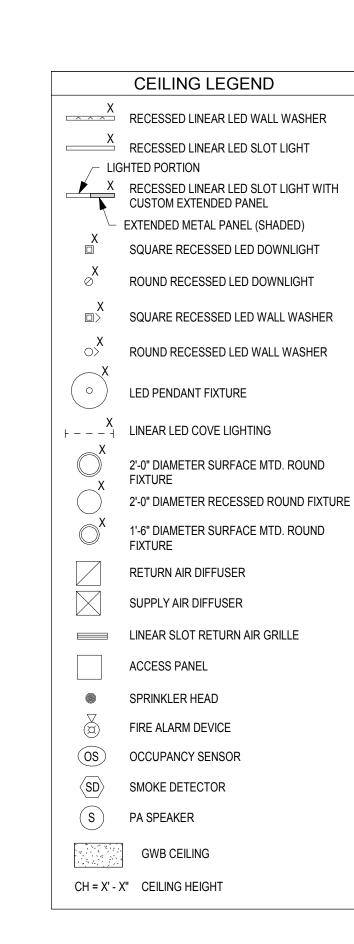


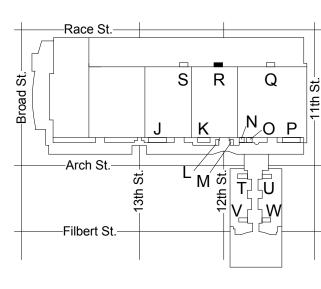
REFLECTED CEILING PLAN - MEN'S & WOMEN'S ROOM R

A609 SCALE: 1/4" = 1'-0"

#### **DRAWING GENERAL NOTES**

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KEY PLAN - LEVEL 200

ARE TO BE CENTERED BETWEEN END WALLS.

NTS Checked by

CONVERSE **WINKLER** ARCHITECTURE 331 MONTGOMERY AVE BALA CYNWYD, PA 19144

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Ph: 610.664.0806

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Fax: 215.664.1075

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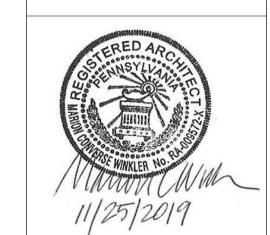
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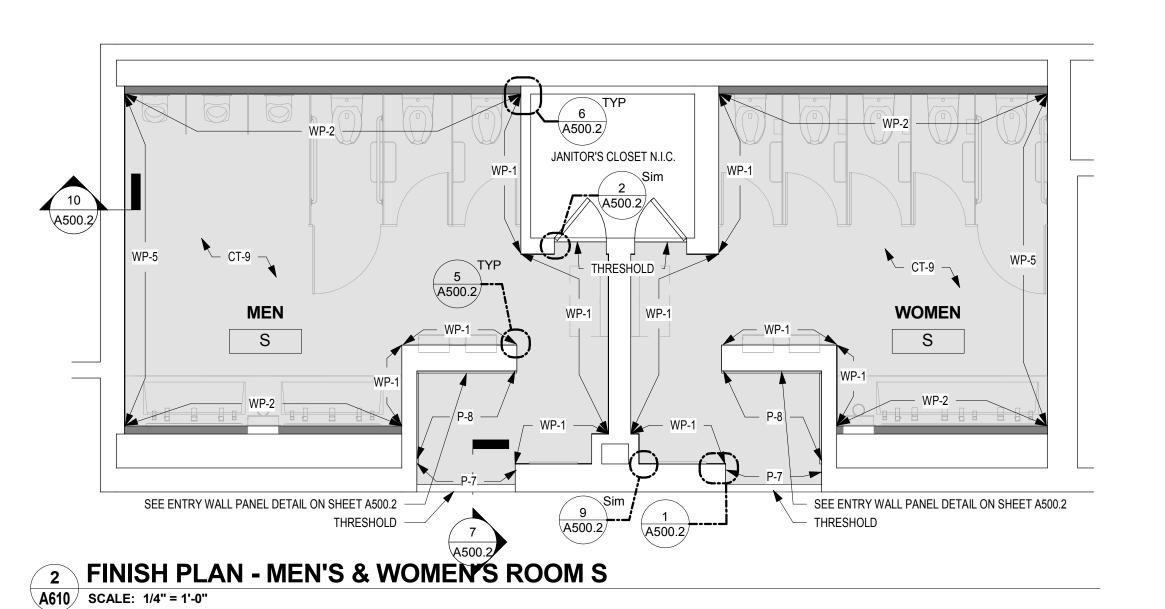
**REVISIONS:** Description

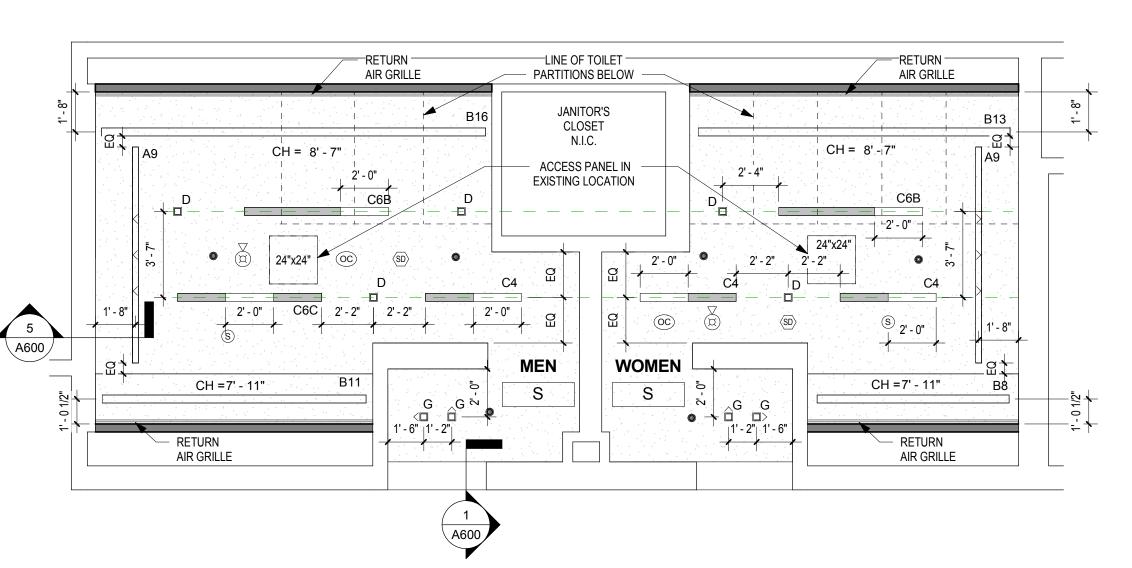
PENNSYLVANIA CONVENTION CENTER RESTROOM RENOVATIONS
101 ARCH STREET, PHILADELPHIA, PA 191

RCP & FINISH PLAN - ROOM R (EXHIBIT)

CW1615 Project number November 25, 2019 Date KR/LC ΕW

A609





REFLECTED CEILING PLAN - MEN'S & WOMEN'S ROOM S A610 SCALE: 1/4" = 1'-0"

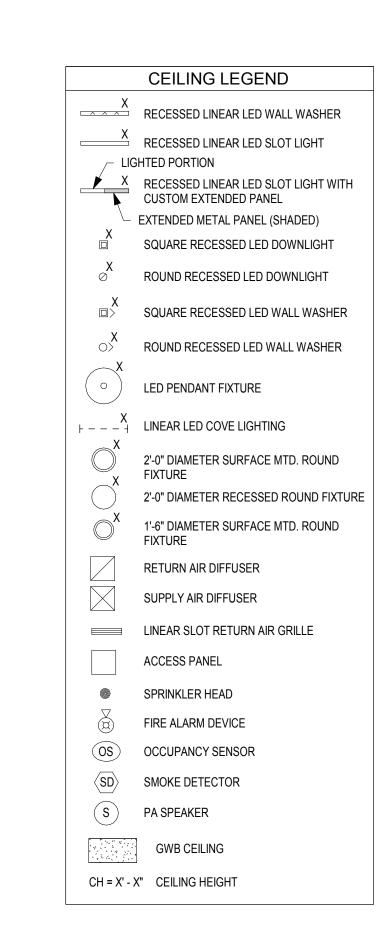
UNLESS NOTED OTHERWISE, LINEAR LIGHT FIXTURES ARE TO BE CENTERED BETWEEN END WALLS.

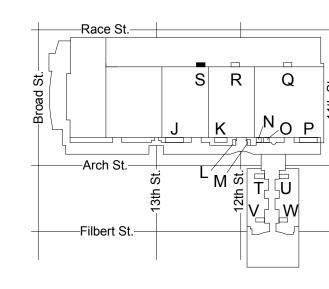
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KEY PLAN - LEVEL 200

**WINKLER** ARCHITECTURE 331 MONTGOMERY AVE BALA CYNWYD, PA 19144

CONVERSE

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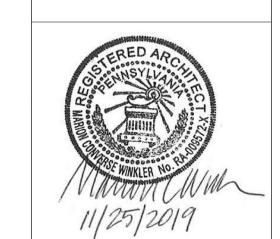
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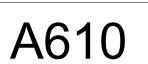
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No.	Description	Date				

PENNSYLVANIA CONVENTION CENTER

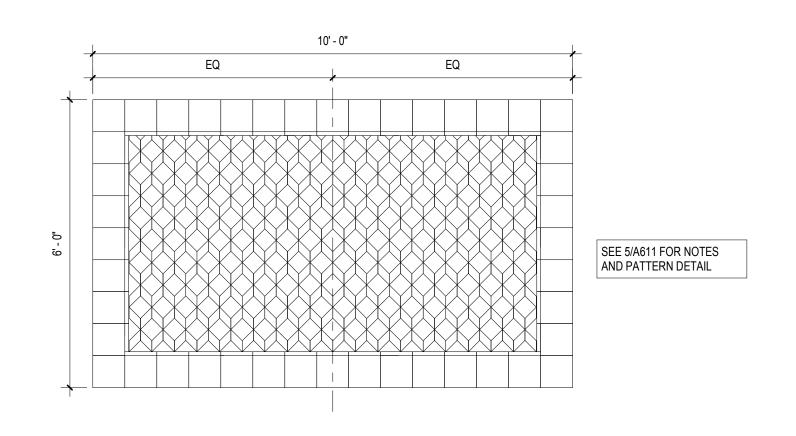
RESTROOM RENOVATIONS
101 ARCH STREET, PHILADELPHIA, PA 191

RCP & FINISH PLAN - ROOM S (EXHIBIT)

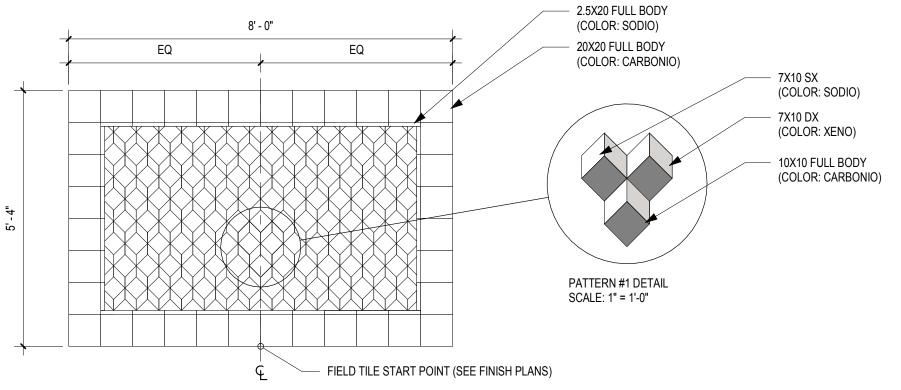
CW1615 Project number November 25, 2019 Date Drawn by KR/LC EW Checked by







6 FLOOR ACCENT TILE PATTERN #1 MENS A (CT-11)



SEE DWG 6/A611 FOR

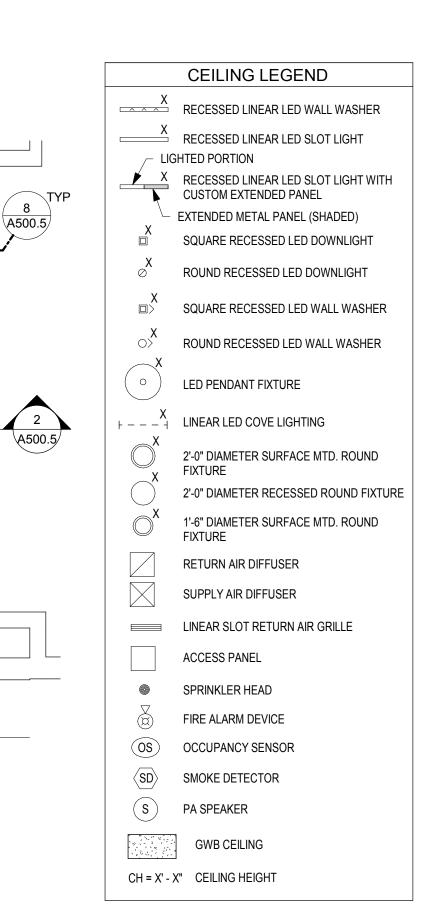
ENLARGED PLAN

LINE OF COUNTER ABOVE

4' - 11 1/4"

5' - 2 1/4"

5 FLOOR ACCENT TILE PATTERN #1 WMS A (CT-11) A611 SCALE: 1/2" = 1'-0"



**DRAWING GENERAL NOTES** 

CONTACT MARC NASBERG: 202.549.3913;

MNASBERG@STONESOURCE.COM

WALL TILE PATTERN DETAILS.

1. SEE A500-SERIES SHEETS FOR INTERIOR ELEVATIONS AND

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AVAILABLE FROM STONE SOURCE - PHILADELPHIA.

3. SEE LUMINAIRE SCHEDULE ON SHEET E702 FOR BASIS OF

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CEILING ACCESS PANEL LOCATIONS. NOTIFY ARCHITECT IF

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TO PROVIDE COMPLETE ROOM COVERAGE. 9. PAINT CEILINGS P-1 UNLESS NOTED OTHERWISE.

HEADS TO REMIAN. SEE MECH. DWGS.

ARCHITECTURAL RCP.

ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

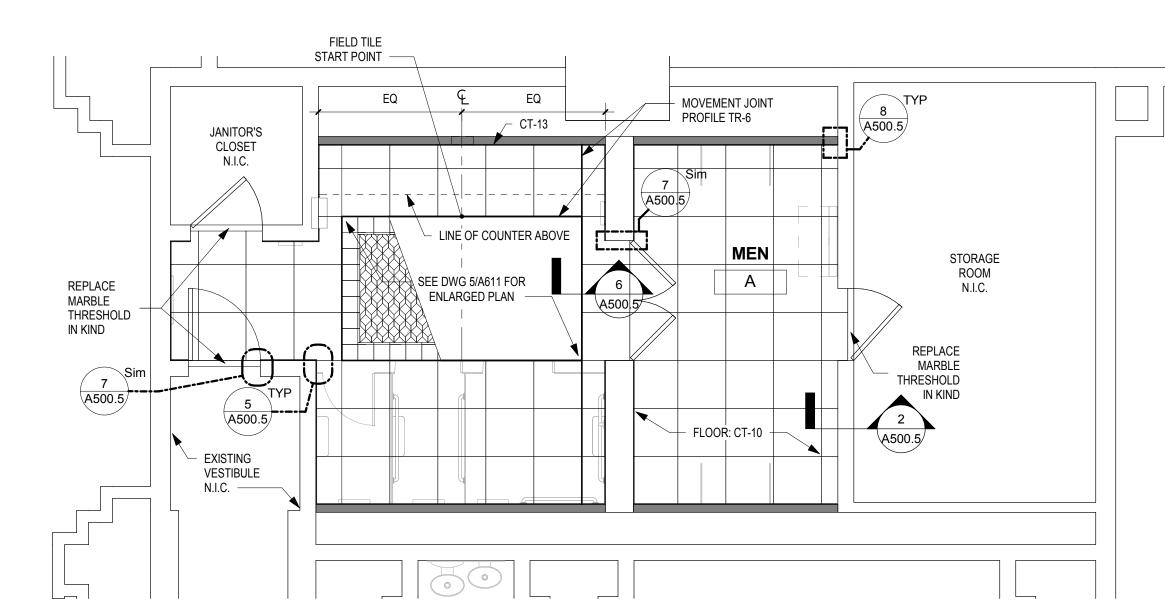
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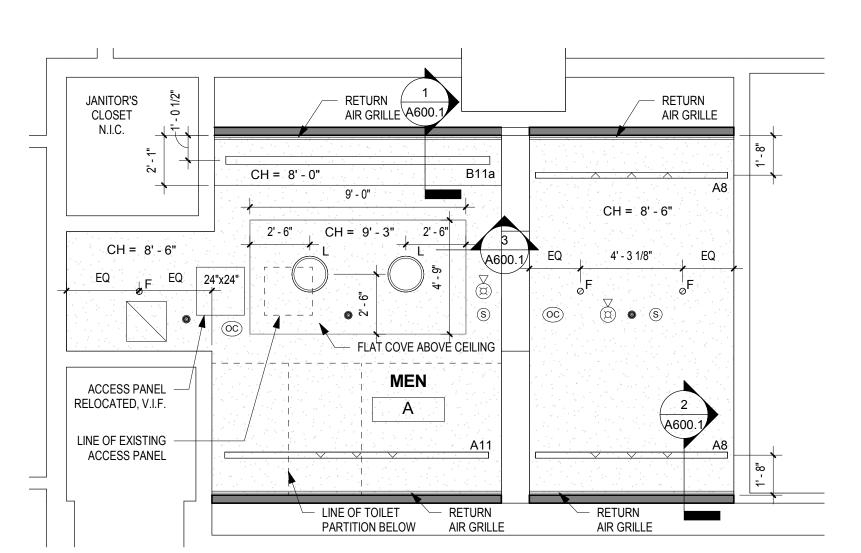
FROM DIVERSIFIED LIGHTING; CONTACT DEIRDRE

4. VERIFY IN FIELD THE SUITABILITY OF PROPOSED NEW





A611 SCALE: 1/2" = 1'-0"



REFLECTED CEILING PLAN - MEN'S ROOM A A611 SCALE: 1/4" = 1'-0"



FLOOR: CT-10

MOVEMENT JOINT PROFILE TR-6

FIELD TILE -START POINT

CT-13 —

**EXISTING** VESTIBULE

JANITOR'S CLOSET N.I.C.

REPLACE

MARBLE

IN KIND

ALL WALL TILE

FINISHES ARE CT-12

UNLESS NOTED

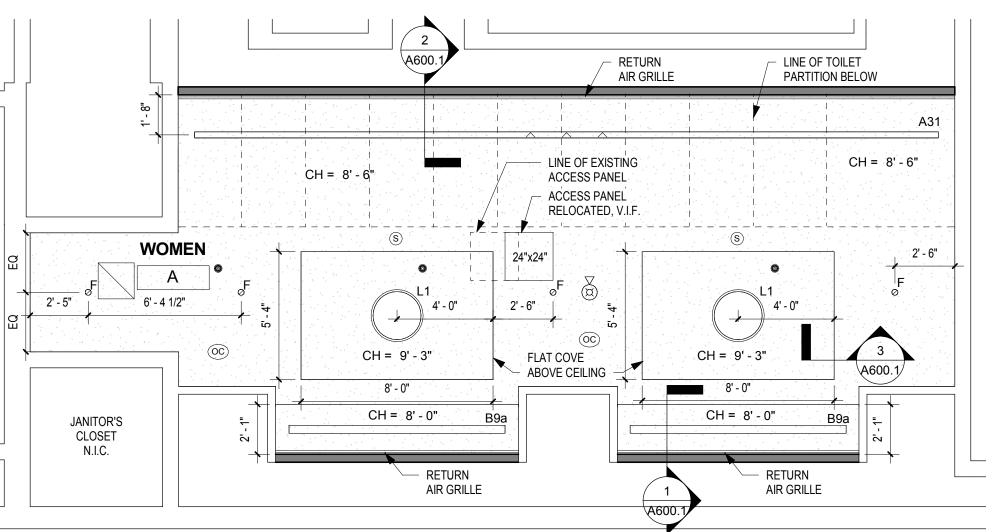
OTHERWISE

UNLESS NOTED OTHERWISE, LINEAR LIGHT FIXTURES

ARE TO BE CENTERED BETWEEN END WALLS.

THRESHOLD

N.I.C.



WOMEN

PROFILE TR-6 | 4' - 11 1/4"

SEE DWG 6/A611 FOR

ENLARGED PLAN

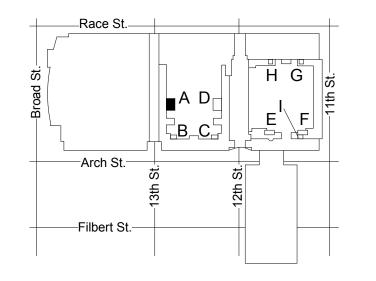
LINE OF COUNTER ABOVE

5' - 1 1/2"

A500.5

**REFLECTED CEILING PLAN - WOMEN'S ROOM A** 

A611 SCALE: 1/4" = 1'-0"



KEY PLAN - LEVEL 100

Checked by

As indicated

ARCHITECTS: CONVERSE WINKLER ARCHITECTURE 331 Montgomery Avenue, Bala Cynwyd, PA, 19144

ARCHITECTURE

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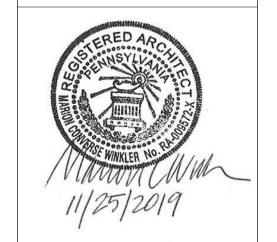
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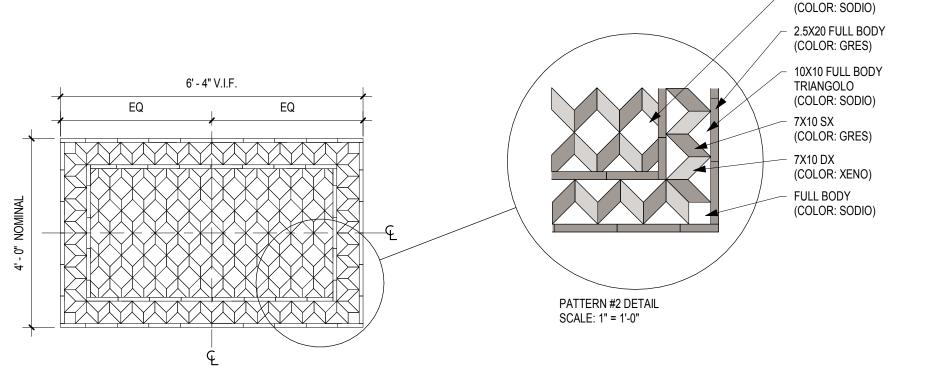
**REVISIONS:** Description

PENNSYLVANIA CONVENTION CENTER

RESTROOM RENOVATIONS

RCP & FINISH PLANS - ROOM A (SEMINAR)

CW1615 Project number Date November 25, 2019 KR/LC Drawn by ΕW



# 5 FLOOR ACCENT TILE PATTERN #2 (CT-11)

A612 SCALE: 1/2" = 1'-0"

A612 SCALE: 1/4" = 1'-0"

A500. FLOOR: CT-10 FLOOR: CT-10 WOMEN MOVEMENT JOINT MOVEMENT JOINT PROFILE TR-6 PROFILE TR-6 FIELD TILE START START POINT POINT SEE DWG 5/A612 X SEE DWG 5/A612 LINE OF FOR ENLARGED FOR ENLARGED COUNTER PLAN PLAN ABOVE JANITOR'S CLOSET N.I.C. REPLACE MARBLE THRESHOLD IN KIND **3 FLOOR PLAN - MEN'S & WOMEN'S ROOM B** 

FINISH PLAN - MEN'S & WOMEN'S ROOM C A612 SCALE: 1/4" = 1'-0"

WOMEN

CH = 8' - 0"

LINE OF

TOILET

PARTITIONS BELOW

2' - 1"

RETURN AIR — GRILLE —

A600.1

JANITOR'S

CLOSET N.I.C.

REPLACE MARBLE THRESHOLD IN KIND

LINE OF

COUNTER

ABOVE

JANITOR'S

CLOSET

N.I.C.

FLOOR: CT-10 -

SEE DWG 5/A612

FOR ENLARGED =

**24**"x24" -

CH = 8' - 6"

EQ

LINE OF

PARTITIONS

BELOW -

2' - 1"

MOVEMENT JOINT

ALL WALL TILE FINISHES ARE CT-

12 UNLESS NOTED OTHERWISE

ARE TO BE CENTERED BETWEEN END WALLS.

PROFILE TR-6

FIELD TILE

POINT

ACCESS PANEL RELOCATED, V.I.F.

A600.1

LINE OF EXISTING

ACCESS PANEL

RETURN AIR GRILLE

LINEAR SLOT

START 🛱

FLOOR: CT-10

SEE DWG 5/A612

FOR ENLARGED

WOMEN

PLAN

MOVEMENT JOINT

ACCESS PANEL

IN EXISTING

LOCATION

PROFILE TR-6

FIELD TILE

START

POINT

- LINEAR SLOT RETURN AIR GRILLE RETURN AIR ACCESS PANEL IN EXISTING ACCESS PANEL WOMEN LOCATION 24"x24" 24"x24" RELOCATED, V.I.F. LINE OF EXISTING LINE OF LINE OF ACCESS PANEL TOILET TOILET PARTITION EQ. PARTITION BELOW EQ CH = 8' - 0" 4' - 0" CH = 8' - 6" CH = 28' - 0" RETURN AIR CH = 8' - 6" GRILLE -2' - 1" JANITOR'S CLOSET UNLESS NOTED OTHERWISE, LINEAR LIGHT FIXTURES

2 REFLECTED CEILING PLAN - MEN'S AND WOMEN'S ROOM C A612 SCALE: 1/4" = 1'-0"

REFLECTED CEILING PLAN - MEN'S AND WOMEN'S ROOM B A612 SCALE: 1/4" = 1'-0"

#### **DRAWING GENERAL NOTES**

- 1. SEE A500-SERIES SHEETS FOR INTERIOR ELEVATIONS AND WALL TILE PATTERN DETAILS. 2. ALL BASIS OF DESIGN FLOOR AND WALL TILE FINISHES
- AVAILABLE FROM STONE SOURCE PHILADELPHIA. CONTACT MARC NASBERG: 202.549.3913; MNASBERG@STONESOURCE.COM

CONVERSE **WINKLER** 

331 MONTGOMERY AVE BALA CYNWYD, PA 19144

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Fax: 215.664.1075

**MEP ENGINEERS:** 

**ARORA**°

Contact: Kevin Sultanik

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Ph: 215.427.8700

Fax: 215.427.8752

Contact: Wing Au

SUITE 507

STRUCTURAL ENGINEERS:

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Contact: Elin Westrick

e-mail: ewestrick@cwarc.com

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e-mail: ksultanik@aroraengineers.com

1341 NORTH DELAWARE AVENUE,

Arora Engineers, Inc.

Chadds Ford, PA 19317

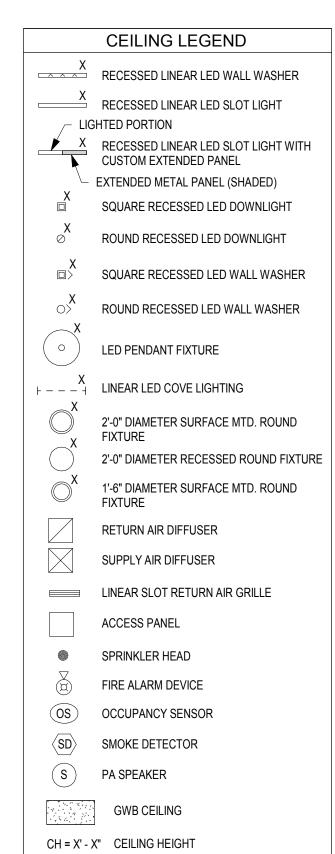
CONVERSE WINKLER

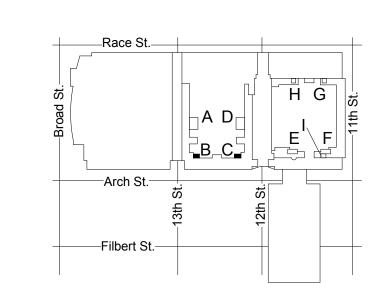
331 Montgomery Avenue,

Bala Cynwyd, PA, 19144

ARCHITECTURE

- 3. SEE LUMINAIRE SCHEDULE ON SHEET E702 FOR BASIS OF DESIGN LIGHT FIXTURES SHOWN ON RCP. AVAILABLE FROM DIVERSIFIED LIGHTING; CONTACT DEIRDRE MCCLINTOCK: (215) 442-0700; DMCCLINTOCK@DLATG.COM 4. VERIFY IN FIELD THE SUITABILITY OF PROPOSED NEW
- CEILING ACCESS PANEL LOCATIONS. NOTIFY ARCHITECT IF PROPOSED LOCATION DOES NOT PROVIDE ADEQUATE ACCESS, AND PROPOSE ALTERNATE LOCATION. 5. EXISTING CEILING DEVICES ARE TO BE REPLACED IN KIND, UNLESS OTHERWISE NOTED -- SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION. NEW DEVICE LOCATIONS ARE AS INDICATED ON ARCHITECTURAL RCP.
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- OF CEILINGS AT HEIGHT INDICATED ON RCP. 8. CEILING OCCUPANCY SENSORS TO BE INSTALLED SO AS TO PROVIDE COMPLETE ROOM COVERAGE.
- 9. PAINT CEILINGS P-1 UNLESS NOTED OTHERWISE. 10. PROVIDE NEW COVER PLATES FOR EXISTING SPRINKLER HEADS TO REMIAN. SEE MECH. DWGS.





KEY PLAN - LEVEL 100

Date

Drawn by

Checked by A612

RCP & FINISH

PLANS - ROOMS

B, C (SEMINAR)

PENNSYLVANIA CONVENTION CENTER

As indicated

November 25, 2019

CW1615

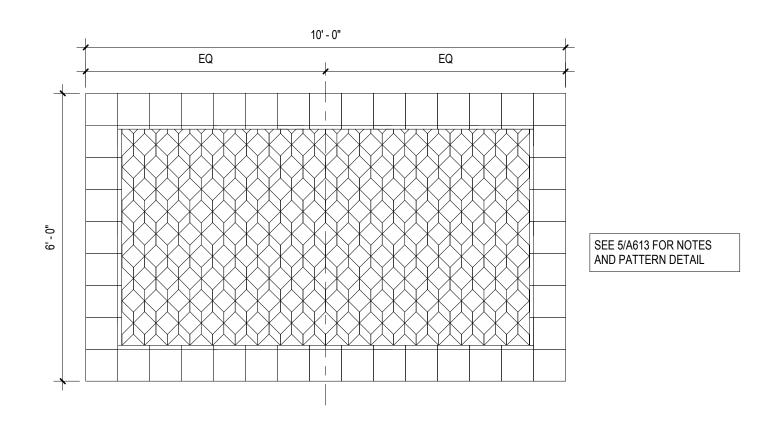
LC/KR

EW

RESTROOM RENOVATIONS
101 ARCH STREET, PHILADELPHIA, PA 191

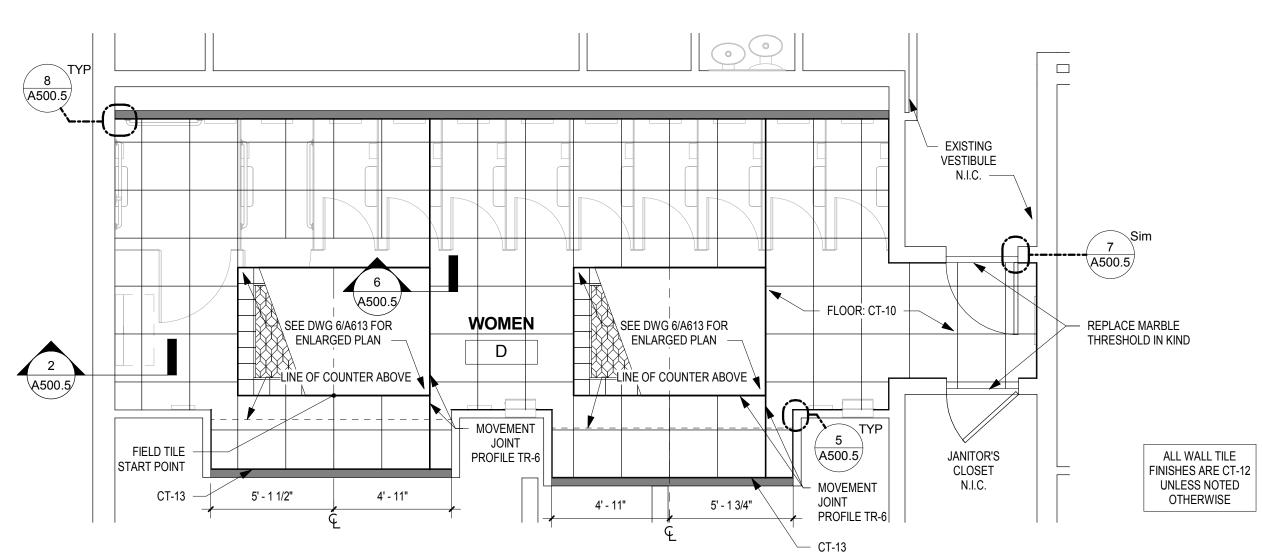
**REVISIONS:** Description

10X10 FULL BODY



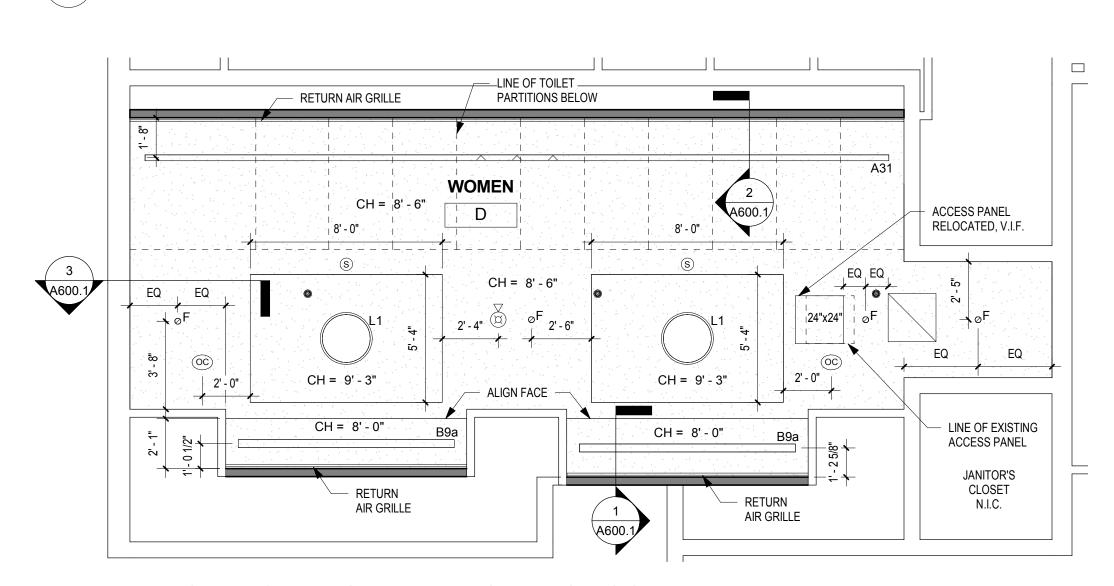
# 6 FLOOR ACCENT TILE PATTERN #1 (CT-11)

A613 SCALE: 1/2" = 1'-0"



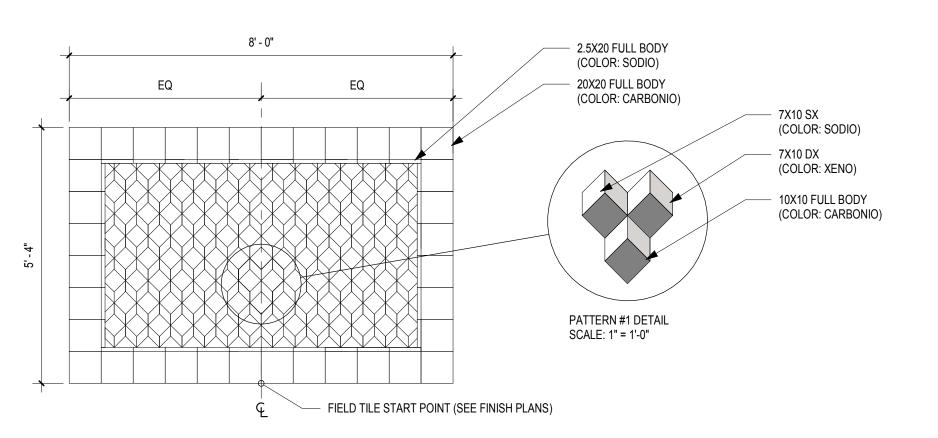
# 4 FINISH PLAN - WOMEN'S ROOM D

A613 SCALE: 1/4" = 1'-0"



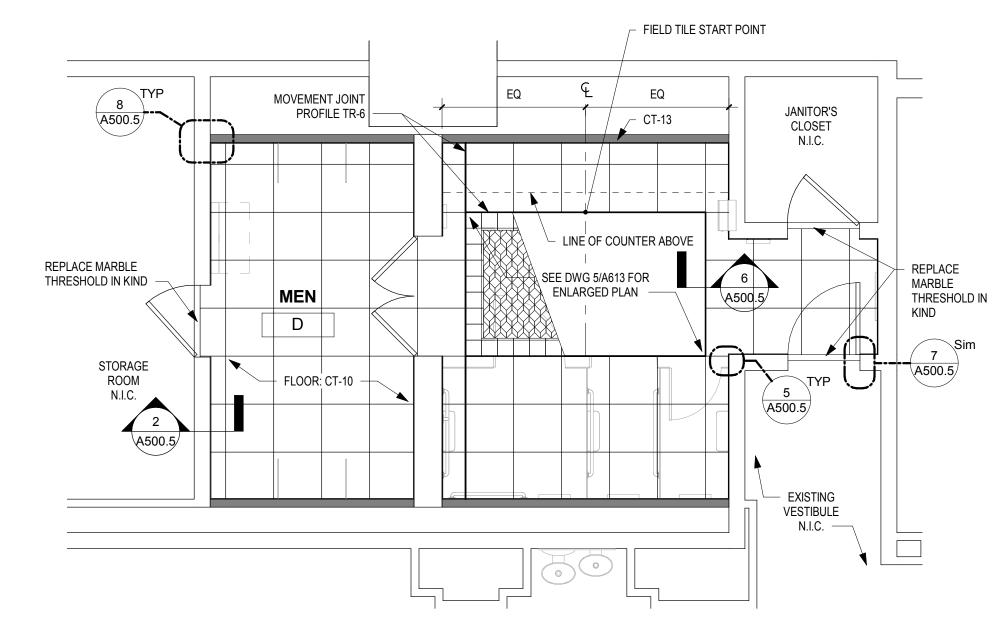
## REFLECTED CEILING PLAN - WOMEN'S ROOM D

A613 SCALE: 1/4" = 1'-0"



# 5 FLOOR ACCENT TILE PATTERN #1 (CT-11)

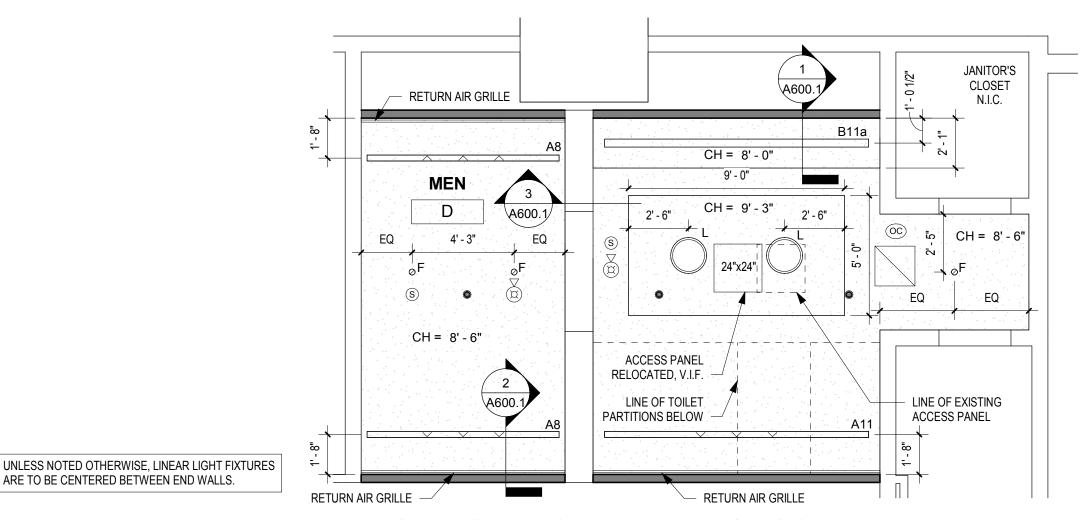
A613 SCALE: 1/2" = 1'-0"



# **3** FINISH PLAN - MEN'S ROOM D

A613 SCALE: 1/4" = 1'-0"

ARE TO BE CENTERED BETWEEN END WALLS.



# REFLECTED CEILING PLAN - MEN'S ROOM D

A613 SCALE: 1/4" = 1'-0"

#### **DRAWING GENERAL NOTES**

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- MCCLINTOCK: (215) 442-0700; DMCCLINTOCK@DLATG.COM 4. VERIFY IN FIELD THE SUITABILITY OF PROPOSED NEW CEILING ACCESS PANEL LOCATIONS. NOTIFY ARCHITECT IF PROPOSED LOCATION DOES NOT PROVIDE ADEQUATE ACCESS, AND PROPOSE ALTERNATE LOCATION. 5. EXISTING CEILING DEVICES ARE TO BE REPLACED IN KIND, UNLESS OTHERWISE NOTED -- SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
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NEW DEVICE LOCATIONS ARE AS INDICATED ON

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- TO PROVIDE COMPLETE ROOM COVERAGE. 9. PAINT CEILINGS P-1 UNLESS NOTED OTHERWISE. 10. PROVIDE NEW COVER PLATES FOR EXISTING SPRINKLER

CEILING LEGEND

X RECESSED LINEAR LED WALL WASHER

X RECESSED LINEAR LED SLOT LIGHT WITH

EXTENDED METAL PANEL (SHADED)

SQUARE RECESSED LED DOWNLIGHT

ROUND RECESSED LED DOWNLIGHT

SQUARE RECESSED LED WALL WASHER

ROUND RECESSED LED WALL WASHER

2'-0" DIAMETER SURFACE MTD. ROUND

2'-0" DIAMETER RECESSED ROUND FIXTURE

1'-6" DIAMETER SURFACE MTD. ROUND

RECESSED LINEAR LED SLOT LIGHT

CUSTOM EXTENDED PANEL

LED PENDANT FIXTURE

RETURN AIR DIFFUSER

SUPPLY AIR DIFFUSER

LINEAR SLOT RETURN AIR GRILLE

ACCESS PANEL

SPRINKLER HEAD

OS

 $\langle SD \rangle$ 

FIRE ALARM DEVICE

OCCUPANCY SENSOR

SMOKE DETECTOR

**GWB CEILING** 

S PA SPEAKER

CH = X' - X" CEILING HEIGHT

–Race St.–

⊦ - - - X LINEAR LED COVE LIGHTING

FIXTURE

**FIXTURE** 

LIGHTED PORTION

CSA GROUP HEADS TO REMIAN. SEE MECH. DWGS. 1341 NORTH DELAWARE AVENUE, SUITE 507

PHILADELPHIA, PA 19125 Ph: 215.427.8700 Fax: 215.427.8752

Contact: Wing Au e-mail: wau@csagroup.com

CONVERSE **WINKLER** 

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ARCHITECTS:

ARCHITECTURE

Ph: 610.664.0806

Fax: 215.664.1075

**MEP ENGINEERS:** 

**ARORA**°

Contact: Kevin Sultanik

STRUCTURAL ENGINEERS:

Contact: Elin Westrick

e-mail: ewestrick@cwarc.com

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e-mail: ksultanik@aroraengineers.com

Arora Engineers, Inc.

Chadds Ford, PA 19317

CONVERSE WINKLER

331 Montgomery Avenue,

Bala Cynwyd, PA, 19144

ARCHITECTURE



REVISIONS: Description

PENNSYLVANIA CONVENTION CENTER

RCP & FINISH PLAN - ROOM D (SEMINAR)

RESTROOM RENOVATIONS

CW1615 Project number Date November 25, 2019 LC/KR Drawn by EW

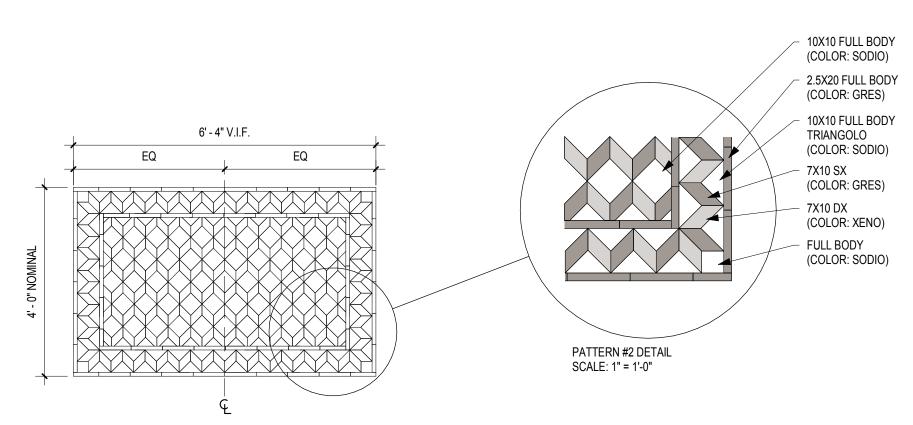
A613

Checked by

As indicated

-Arch St. -Filbert St.-

**KEY PLAN - LEVEL 100** 



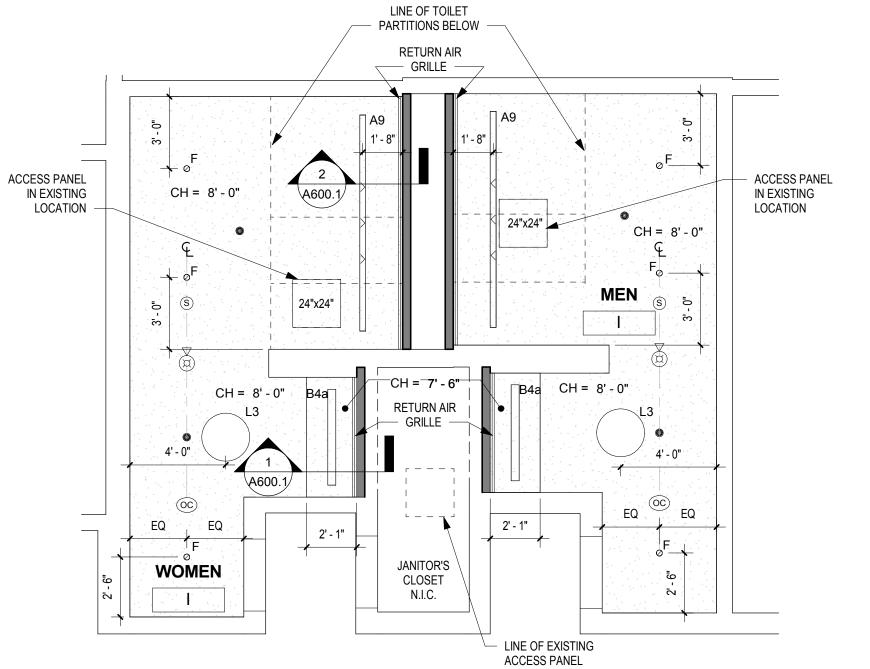
# **3** FLOOR ACCENT TILE PATTERN #2 (CT-11)

A614 SCALE: 1/2" = 1'-0"

#### FLOOR: CT-10 FLOOR: CT-10 MOVEMENT JOINT MOVEMENT JOINT PROFILE TR-6 PROFILE TR-6 FIELD TILE FIELD TILE START ମ୍ମ START POINT POINT SEE DWG 3/A614 SEE DWG 3/A614 X COUNTER FOR ENLARGED FOR ENLARGED \*\* PLAN ABOVE JANITOR'S CLOSET N.I.C. A500.5 WOMEN ALL WALL TILE FINISHES ARE CT-12 UNLESS NOTED OTHERWISE - REPLACE MARBLE THRESHOLD IN KIND -

# FINISH PLAN - MEN'S & WOMEN'S ROOM I

A614 SCALE: 1/4" = 1'-0"



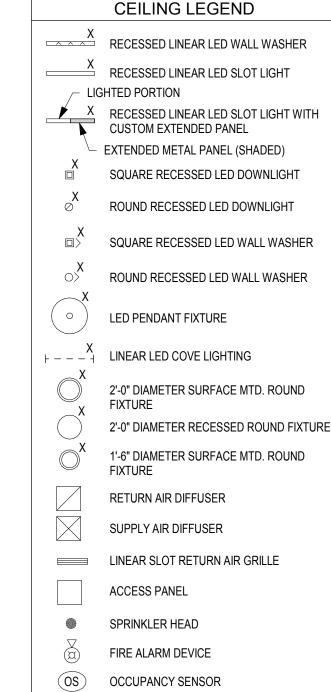
UNLESS NOTED OTHERWISE, LINEAR LIGHT FIXTURES ARE TO BE CENTERED BETWEEN END WALLS.

#### REFLECTED CEILING PLAN - MEN'S & WOMEN'S ROOM I A614 SCALE: 1/4" = 1'-0"

### DRAWING GENERAL NOTES

- 1. SEE A500-SERIES SHEETS FOR INTERIOR ELEVATIONS AND WALL TILE PATTERN DETAILS. 2. ALL BASIS OF DESIGN FLOOR AND WALL TILE FINISHES AVAILABLE FROM STONE SOURCE - PHILADELPHIA. CONTACT MARC NASBERG: 202.549.3913;
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HEADS TO REMIAN. SEE MECH. DWGS.



 $\langle SD \rangle$ 

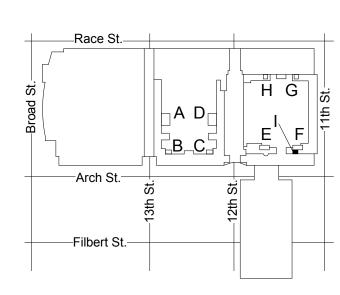
S

SMOKE DETECTOR

**GWB CEILING** 

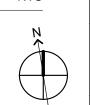
PA SPEAKER

CH = X' - X" CEILING HEIGHT



KEY PLAN - LEVEL 100

NTS





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Bala Cynwyd, PA, 19144 Ph: 610.664.0806

Contact: Elin Westrick e-mail: ewestrick@cwarc.com

Fax: 215.664.1075

**MEP ENGINEERS:** 

Arora Engineers, Inc. **ARORA**° Chadds Ford, PA 19317

P (610) 459-7900 F (610) 459-7950 aroraengineers.com Contact: Kevin Sultanik

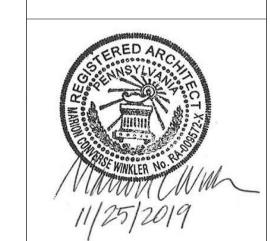
e-mail: ksultanik@aroraengineers.com

STRUCTURAL ENGINEERS:

**CSA GROUP** 1341 NORTH DELAWARE AVENUE, SUITE 507 PHILADELPHIA, PA 19125

Ph: 215.427.8700 Fax: 215.427.8752

Contact: Wing Au e-mail: wau@csagroup.com

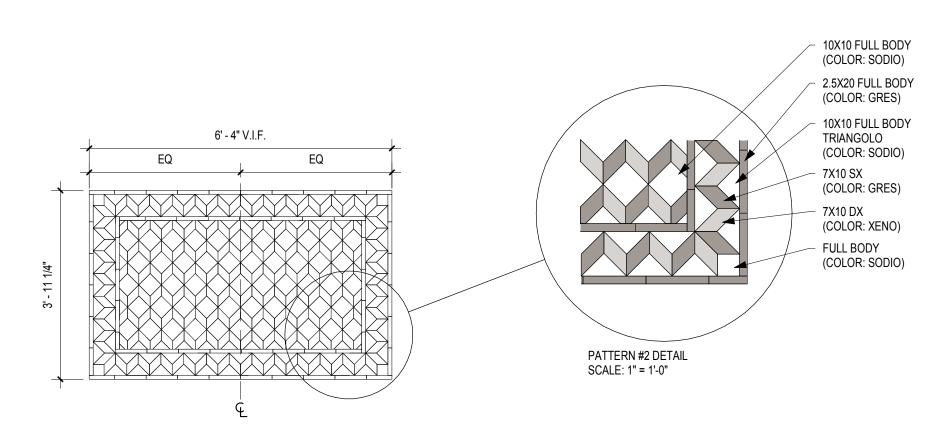


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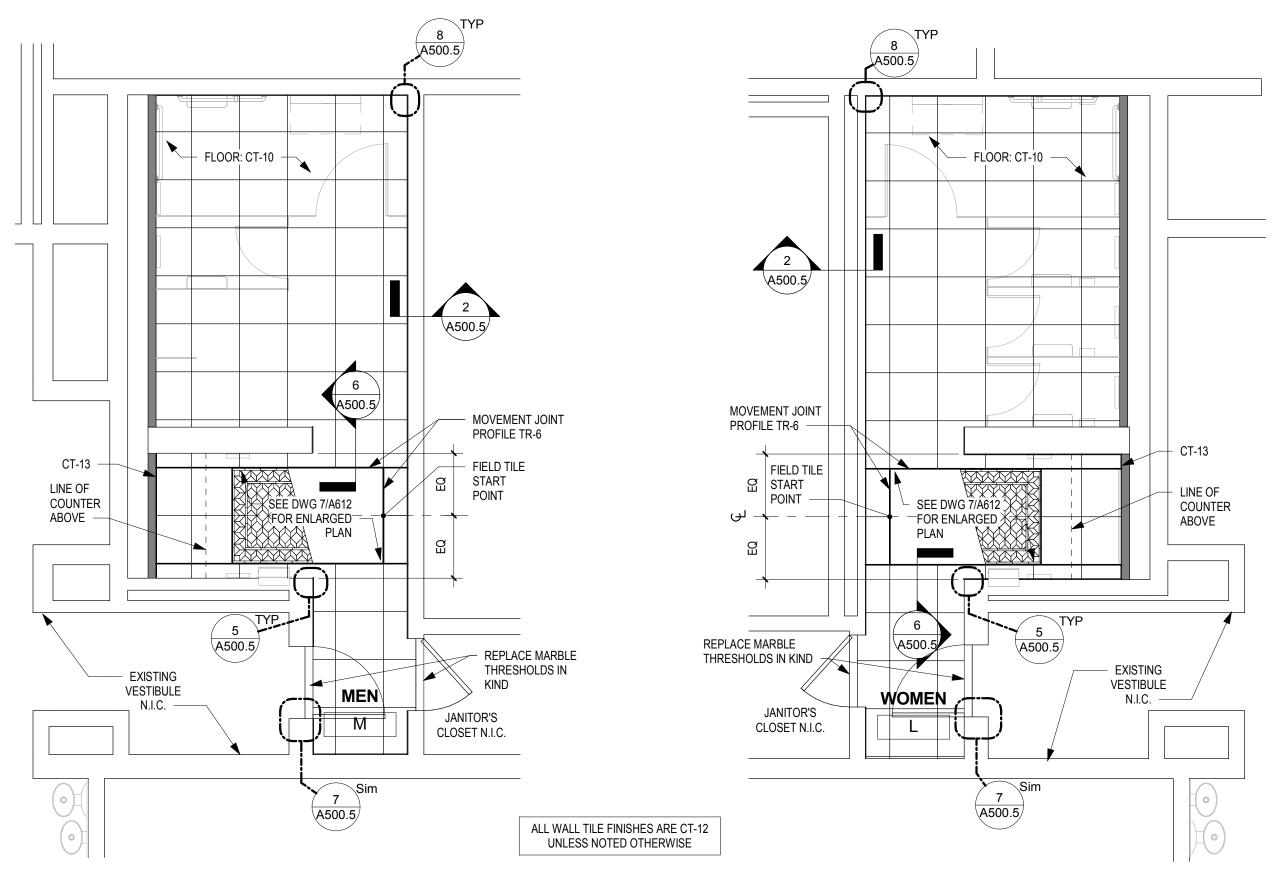
PENNSYLVANIA CONVENTION CENTER RESTROOM RENOVATIONS
101 ARCH STREET, PHILADELPHIA, PA 191

RCP & FINISH PLAN - ROOM I (SEMINAR)

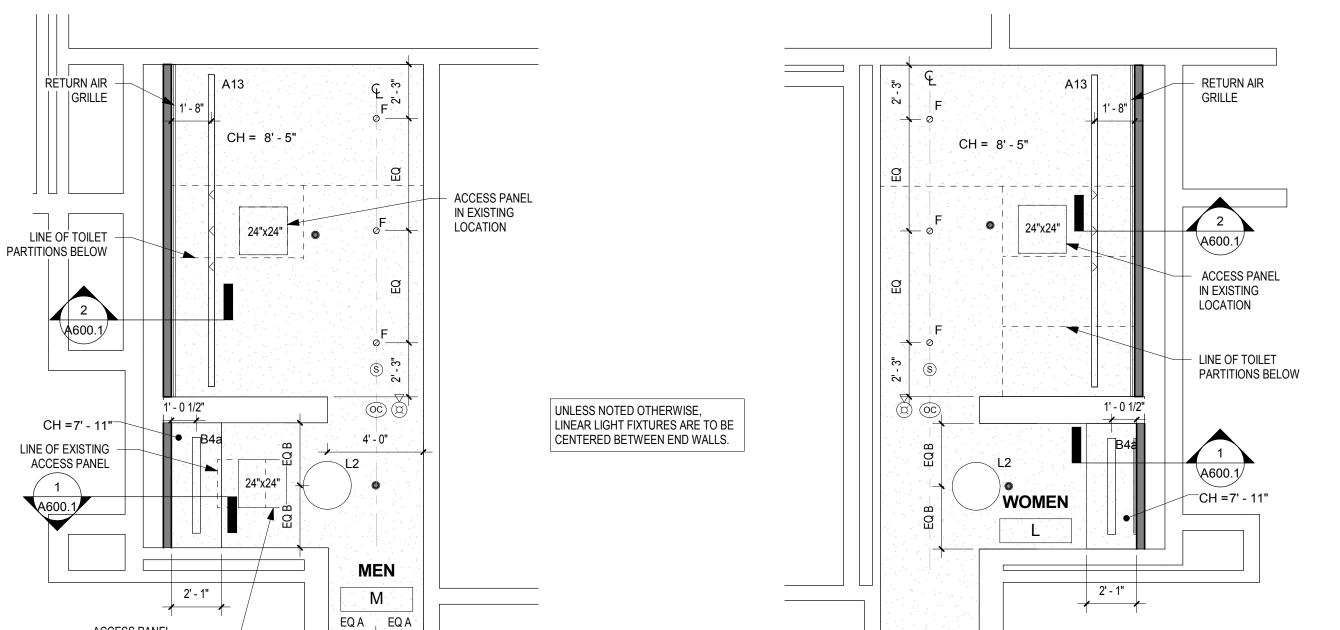
CW1615 November 25, 2019 Date LC/KR Drawn by EW Checked by



5 FLOOR ACCENT TILE PATTERN #2 (CT-11)
A615 SCALE: 1/2" = 1'-0"



4 FINISH PLAN - MEN'S ROOM M
A615 SCALE: 1/4" = 1'-0"



REFLECTED CEILING PLAN - MEN'S ROOM M

A615 SCALE: 1/4" = 1'-0"

JANITOR'S CLOSET N.I.C.

ACCESS PANEL RELOCATED, V.I.F.

1 REFLECTED CEILING PLAN - WOMEN'S ROOM L
A615 SCALE: 1/4" = 1'-0"

EQA PEQA

JANITOR'S CLOSET N.I.C.

**3 FINISH PLAN - WOMEN'S ROOM L** 

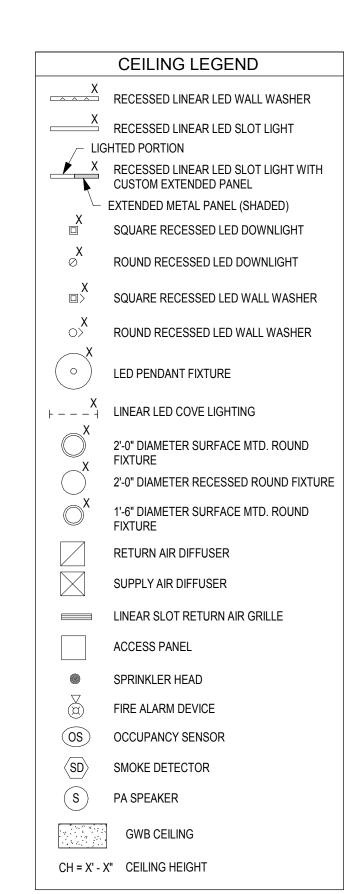
A615 SCALE: 1/4" = 1'-0"

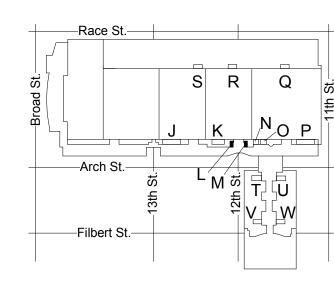
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  3. SEE LUMINAIRE SCHEDULE ON SHEET E702 FOR BASIS OF
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Bala Cynwyd, PA, 19144

Ph: 610.664.0806
Fax: 215.664.1075

Contact: Elin Westrick
e-mail: ewestrick@cwarc.com

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ARCHITECTURE

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MEP ENGINEERS:

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Chadds Ford, PA 19317

CONVERSE WINKLER

331 MONTGOMERY AVE BALA CYNWYD, PA 19144

ARCHITECTURE

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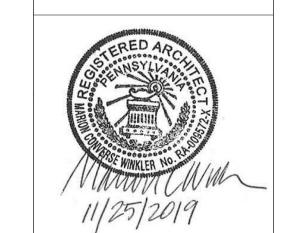
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CSA GROUP
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PHILADELPHIA, PA 19125

Ph: 215.427.8700 Fax: 215.427.8752

Contact: Wing Au e-mail: wau@csagroup.com



REVISIONS:

No. Description Date

PENNSYLVANIA CONVENTION CENTER

RESTROOM RENOVATIONS
101 ARCH STREET, PHILADELPHIA, PA 191

RCP & FINISH PLANS - ROOMS L, M (SEMINAR)

Project number CW1615

Date November 25, 2019

Drawn by LC/KR

A615

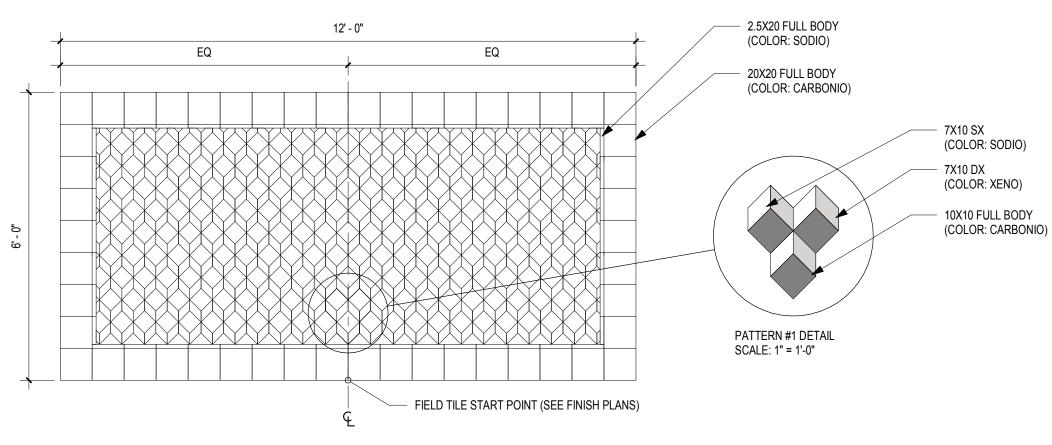
As indicated

EW

KEY PLAN - LEVEL 200

NTS

Checked by

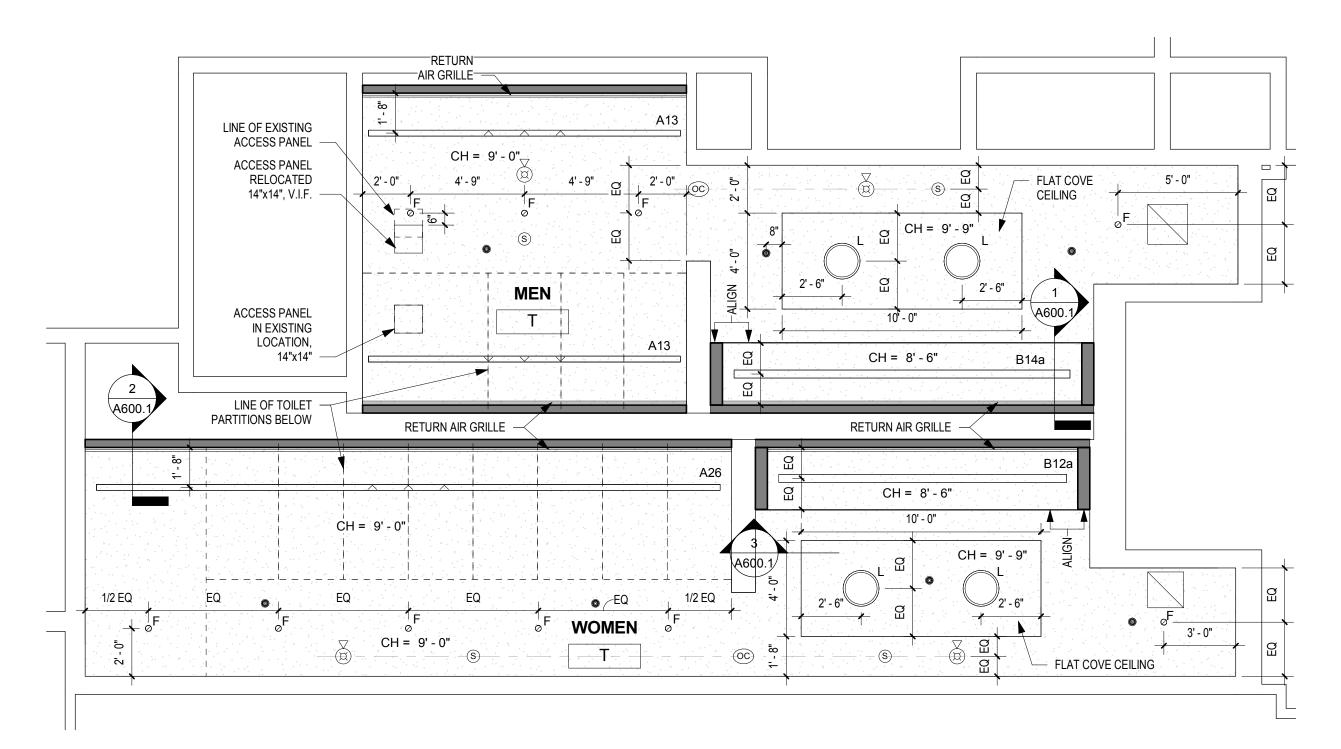


3 FLOOR ACCENT TILE PATTERN #1 (CT-11)

A616 SCALE: 1/2" = 1'-0"

START POINT A500.5 FLOOR: CT-10 JANITOR'S CLOSET N.I.C. MOVEMENT JOINT -PROFILE TR-6+ SEE DWG 3/A616 FOR ENLARGED PLAN A500.5 LINE OF COUNTER ABOVE REPLACE MARBLE THRESHOLD IN KIND CT-13 ALL WALL TILE FINISHES ARE CT-12 UNLESS NOTED OTHERWISE REPLACE MARBLE THRESHOLD IN KIND LINE OF COUNTER ABOVE SEE DWG 3/A616 FOR ENLARGED PLAN WOMEN FLOOR: CT-10 A500.5 MOVEMENT JOINT EQ EQ PROFILE TR-6 - FIELD TILE A500.5/ START POINT

# FINISH PLAN - MEN'S & WOMEN'S ROOM T



1 REFLECTED CEILING PLAN - MEN'S & WOMEN'S ROOM T

A616 SCALE: 1/4" = 1'-0"

A616 SCALE: 1/4" = 1'-0"

#### DRAWING GENERAL NOTES

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CONVERSE WINKLER

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ARCHITECTS:

ARCHITECTURE

Ph: 610.664.0806

Fax: 215.664.1075

**MEP ENGINEERS:** 

**ARORA**°

Contact: Kevin Sultanik

CSA GROUP

Ph: 215.427.8700

Fax: 215.427.8752

Contact: Wing Au

**REVISIONS:** 

PENNSYLVANIA CONVENTION CENTER

RESTROOM RENOVATIONS
101 ARCH STREET, PHILADELPHIA, PA 191

CW1615

Description

SUITE 507

Contact: Elin Westrick

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Chadds Ford, PA 19317

CONVERSE WINKLER

331 Montgomery Avenue,

Bala Cynwyd, PA, 19144

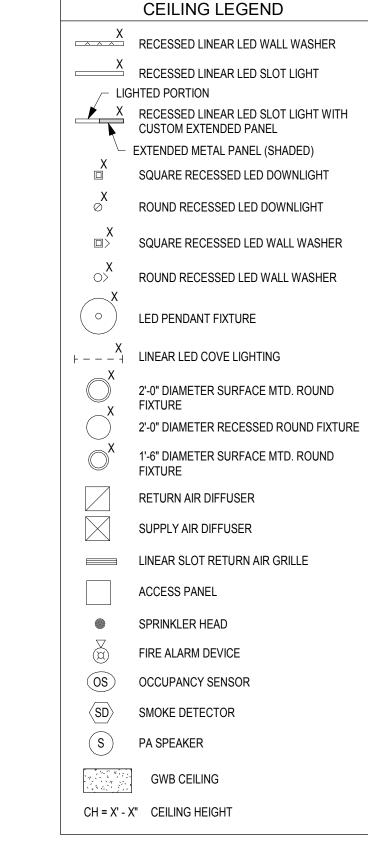
ARCHITECTURE

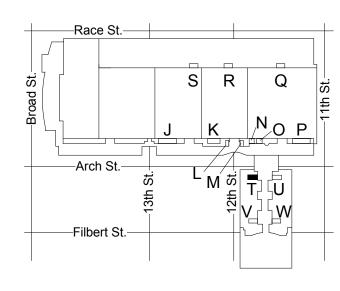
- FROM DIVERSIFIED LIGHTING; CONTACT DEIRDRE
  MCCLINTOCK: (215) 442-0700; DMCCLINTOCK@DLATG.COM

  4. VERIFY IN FIELD THE SUITABILITY OF PROPOSED NEW
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- 8. CEILING OCCUPANCY SENSORS TO BE INSTALLED SO AS TO PROVIDE COMPLETE ROOM COVERAGE.9. PAINT CEILINGS P-1 UNLESS NOTED OTHERWISE.
- PAINT CEILINGS P-1 UNLESS NOTED OTHERWISE.
   PROVIDE NEW COVER PLATES FOR EXISTING SPRINKLER HEADS TO REMIAN. SEE MECH. DWGS.





KEY PLAN - LEVEL 200

Date November 25, 2019

Drawn by LC/KR

Checked by EW

Project number

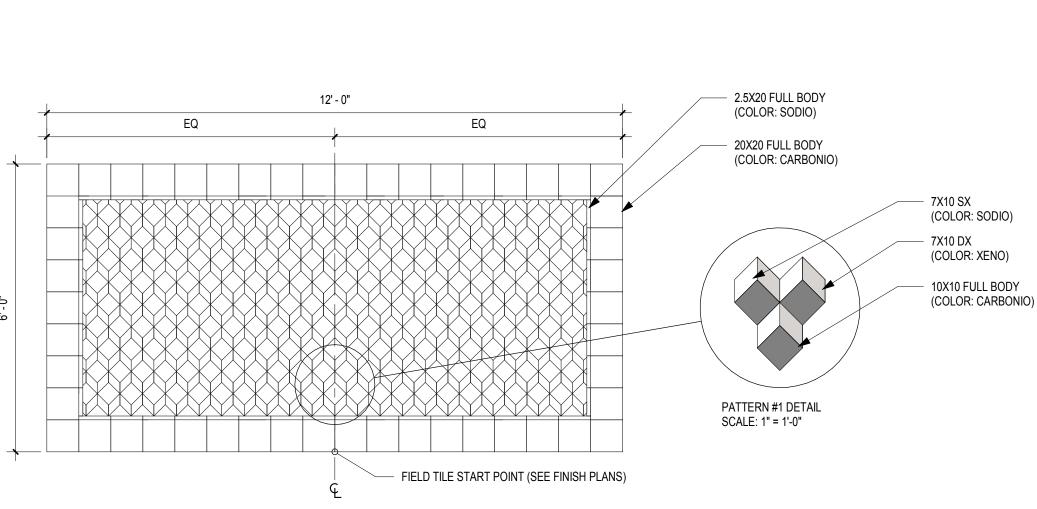
A616

e As indicated

RCP & FINISH

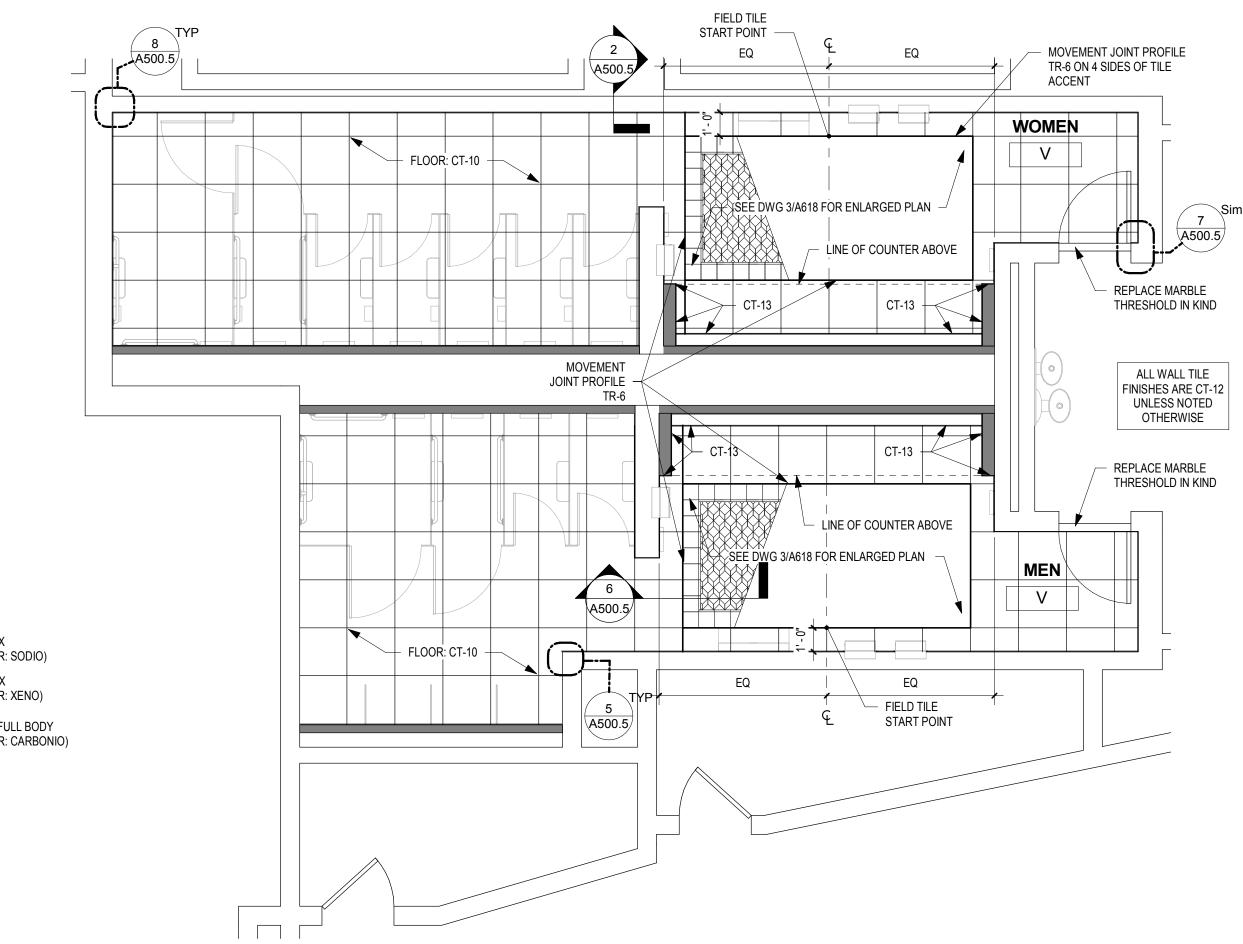
PLAN - ROOM T

(SEMINAR)



# **3 FLOOR ACCENT TILE PATTERN #1 (CT-11)**

A618 SCALE: 1/2" = 1'-0"



## **7** FINISH PLAN - MEN'S & WOMEN'S ROOM V

FLAT COVE CEILING CH = 9' - 9" **3' - 0"** ... V. ... 10' - 0" CH = 8' - 6" B12a LINE OF TOILET PARTITIONS BELOW RETURN AIR GRILLE A600.1 CH = 8' - 6" FLAT COVE \_\_\_\_\_\_CEILING\_\_\_\_\_ , CH = (29' -, 0" ) CH = 9' - 9" 3' - 0" CH = 9' - 0" ACCESS PANEL IN EXISTING LOCATION, 14"x14" ACCESS PANEL -RETURN RELOCATED, 14"x14" V.I.F. AIR GRILLE LINE OF EXISTING -ACCESS PANEL

REFLECTED CEILING PLAN - MEN'S & WOMEN'S ROOM V

A618 SCALE: 1/4" = 1'-0"

A618 SCALE: 1/4" = 1'-0"

#### **DRAWING GENERAL NOTES**

- 1. SEE A500-SERIES SHEETS FOR INTERIOR ELEVATIONS AND WALL TILE PATTERN DETAILS.
- 2. ALL BASIS OF DESIGN FLOOR AND WALL TILE FINISHES AVAILABLE FROM STONE SOURCE - PHILADELPHIA. CONTACT MARC NASBERG: 202.549.3913;
- MNASBERG@STONESOURCE.COM 3. SEE LUMINAIRE SCHEDULE ON SHEET E702 FOR BASIS OF DESIGN LIGHT FIXTURES SHOWN ON RCP. AVAILABLE FROM DIVERSIFIED LIGHTING; CONTACT DEIRDRE
- MCCLINTOCK: (215) 442-0700: DMCCLINTOCK@DLATG.COM 4. VERIFY IN FIELD THE SUITABILITY OF PROPOSED NEW CEILING ACCESS PANEL LOCATIONS. NOTIFY ARCHITECT IF PROPOSED LOCATION DOES NOT PROVIDE ADEQUATE ACCESS, AND PROPOSE ALTERNATE LOCATION. 5. EXISTING CEILING DEVICES ARE TO BE REPLACED IN KIND,

UNLESS OTHERWISE NOTED -- SEE MECHANICAL AND

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- 7. CONTRACTOR TO NOTIFY ARCHITECT OF ANY UNFORESEEN OBSTRUCTIONS PREVENTING INSTALLATION

OF CEILINGS AT HEIGHT INDICATED ON RCP.

- 8. CEILING OCCUPANCY SENSORS TO BE INSTALLED SO AS TO PROVIDE COMPLETE ROOM COVERAGE.
- 9. PAINT CEILINGS P-1 UNLESS NOTED OTHERWISE. 10. PROVIDE NEW COVER PLATES FOR EXISTING SPRINKLER HEADS TO REMIAN. SEE MECH. DWGS.

#### **CEILING LEGEND**

X RECESSED LINEAR LED WALL WASHER RECESSED LINEAR LED SLOT LIGHT LIGHTED PORTION X RECESSED LINEAR LED SLOT LIGHT WITH CUSTOM EXTENDED PANEL EXTENDED METAL PANEL (SHADED) SQUARE RECESSED LED DOWNLIGHT ROUND RECESSED LED DOWNLIGHT

SQUARE RECESSED LED WALL WASHER ROUND RECESSED LED WALL WASHER

LED PENDANT FIXTURE

LINEAR LED COVE LIGHTING 2'-0" DIAMETER SURFACE MTD. ROUND

2'-0" DIAMETER RECESSED ROUND FIXTURE 1'-6" DIAMETER SURFACE MTD. ROUND

RETURN AIR DIFFUSER

LINEAR SLOT RETURN AIR GRILLE

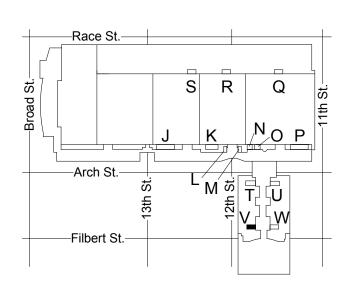
ACCESS PANEL SPRINKLER HEAD

FIRE ALARM DEVICE OS OCCUPANCY SENSOR

 $\langle SD \rangle$ SMOKE DETECTOR S PA SPEAKER

**GWB CEILING** 

CH = X' - X" CEILING HEIGHT



KEY PLAN - LEVEL 200

ARCHITECTS: CONVERSE WINKLER ARCHITECTURE 331 Montgomery Avenue, Bala Cynwyd, PA, 19144 Ph: 610.664.0806 Fax: 215.664.1075 Contact: Elin Westrick

**MEP ENGINEERS:** Arora Engineers, Inc.

e-mail: ewestrick@cwarc.com

CONVERSE

331 MONTGOMERY AVE BALA CYNWYD, PA 19144

ARCHITECTURE

**WINKLER** 

**ARORA**° Chadds Ford, PA 19317 P (610) 459-7900 F (610) 459-7950 aroraengineers.com

Contact: Kevin Sultanik e-mail: ksultanik@aroraengineers.com

STRUCTURAL ENGINEERS: CSA GROUP

1341 NORTH DELAWARE AVENUE,

PHILADELPHIA, PA 19125 Ph: 215.427.8700

Fax: 215.427.8752

SUITE 507

Contact: Wing Au e-mail: wau@csagroup.com



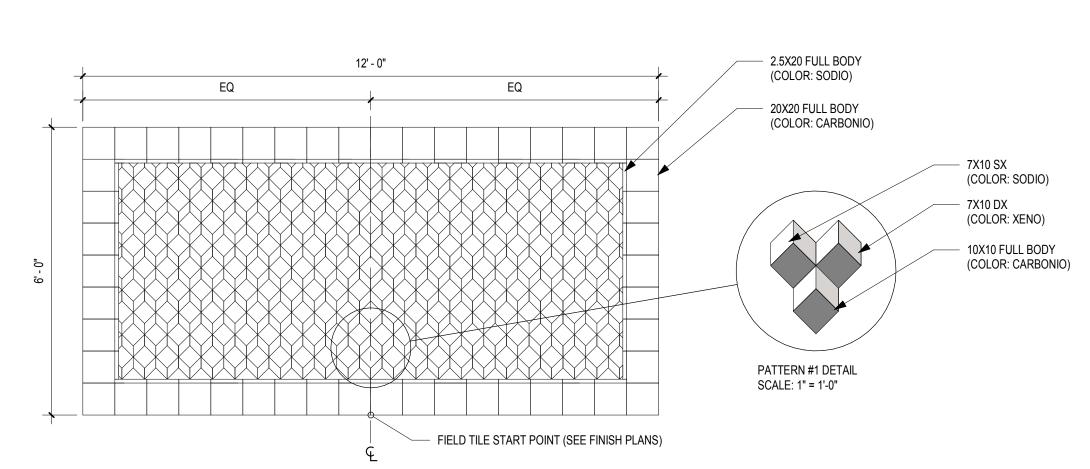
**REVISIONS:** Description

PENNSYLVANIA CONVENTION CENTER

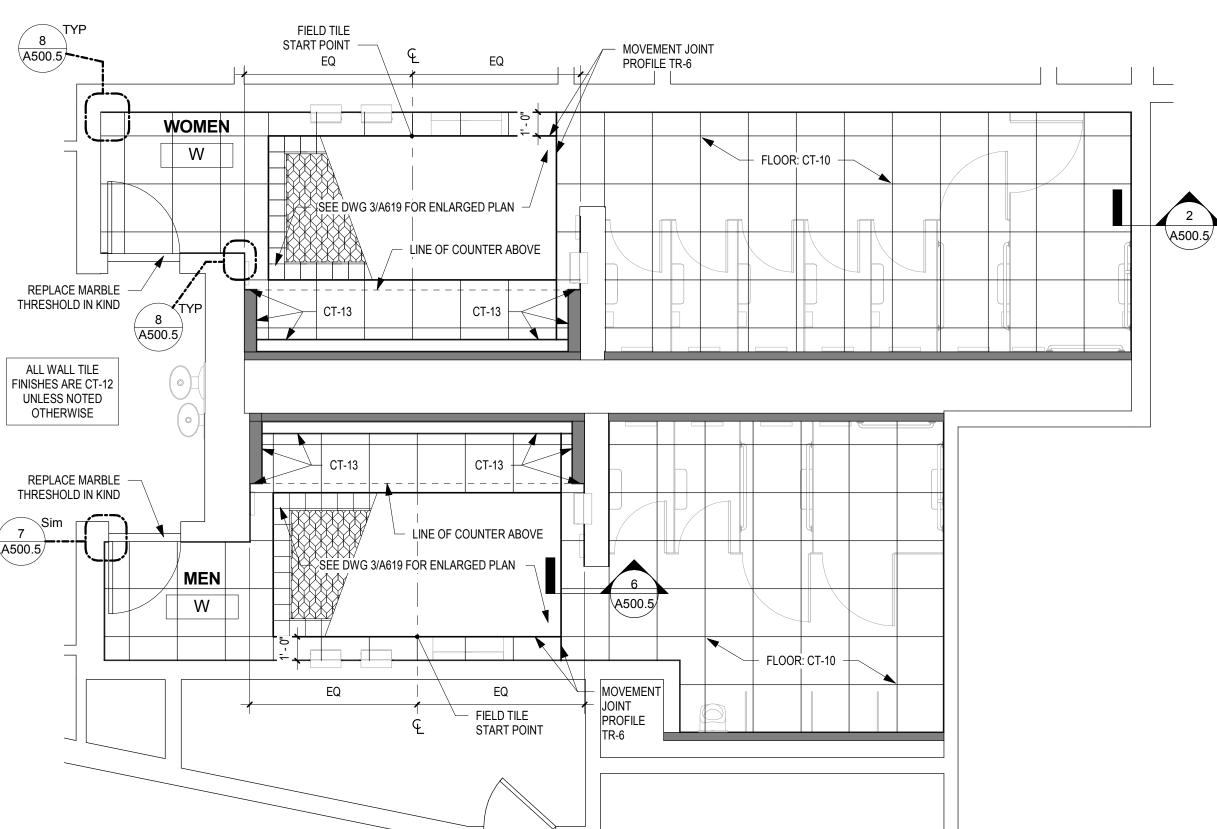
RCP & FINISH PLAN - ROOM V (SEMINAR)

CW1615 November 25, 2019 Date LC/KR

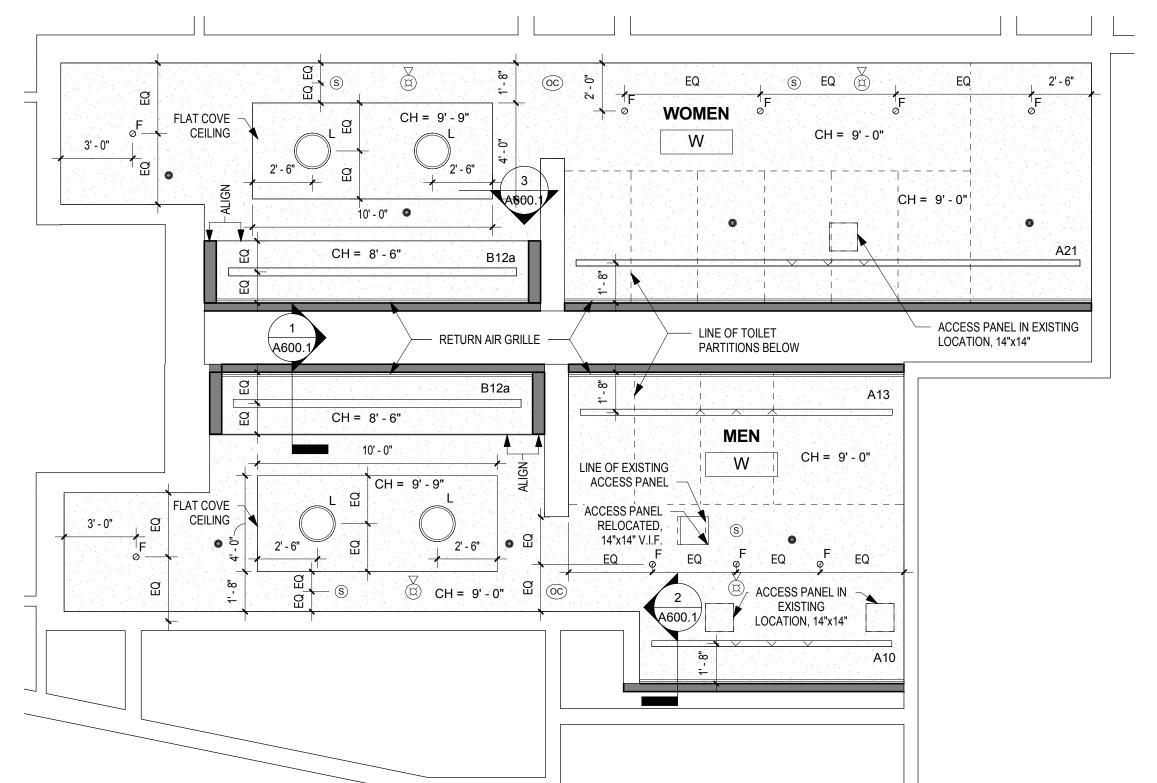
A618



**3 FLOOR ACCENT TILE PATTERN #1 (CT-11)** A619 SCALE: 1/2" = 1'-0"



FINISH PLAN - MEN'S & WOMEN'S ROOM W A619 SCALE: 1/4" = 1'-0"



REFLECTED CEILING PLAN - MEN'S & WOMEN'S ROOM W

A619 SCALE: 1/4" = 1'-0"

#### DRAWING GENERAL NOTES

- 1. SEE A500-SERIES SHEETS FOR INTERIOR ELEVATIONS AND WALL TILE PATTERN DETAILS. 2. ALL BASIS OF DESIGN FLOOR AND WALL TILE FINISHES AVAILABLE FROM STONE SOURCE - PHILADELPHIA. CONTACT MARC NASBERG: 202.549.3913;
- MNASBERG@STONESOURCE.COM 3. SEE LUMINAIRE SCHEDULE ON SHEET E702 FOR BASIS OF DESIGN LIGHT FIXTURES SHOWN ON RCP. AVAILABLE FROM DIVERSIFIED LIGHTING; CONTACT DEIRDRE MCCLINTOCK: (215) 442-0700; DMCCLINTOCK@DLATG.COM
- 4. VERIFY IN FIELD THE SUITABILITY OF PROPOSED NEW CEILING ACCESS PANEL LOCATIONS. NOTIFY ARCHITECT IF PROPOSED LOCATION DOES NOT PROVIDE ADEQUATE ACCESS, AND PROPOSE ALTERNATE LOCATION. EXISTING CEILING DEVICES ARE TO BE REPLACED IN KIND, UNLESS OTHERWISE NOTED -- SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION. NEW DEVICE LOCATIONS ARE AS INDICATED ON ARCHITECTURAL RCP.
- 6. PRIMARY CEILINGS IN EXHIBIT HALL TYPE RESTROOMS ARE TO BE REPLACED IN SAME LOCATION AS EXISTING. CEILING HEIGHTS NOTED ON RCP ARE TO BE VERIFIED IN
- 7. CONTRACTOR TO NOTIFY ARCHITECT OF ANY UNFORESEEN OBSTRUCTIONS PREVENTING INSTALLATION OF CEILINGS AT HEIGHT INDICATED ON RCP.
- 8. CEILING OCCUPANCY SENSORS TO BE INSTALLED SO AS TO PROVIDE COMPLETE ROOM COVERAGE. 9. PAINT CEILINGS P-1 UNLESS NOTED OTHERWISE.

**CEILING LEGEND** 

X RECESSED LINEAR LED WALL WASHER

STRUCTURAL ENGINEERS: 10. PROVIDE NEW COVER PLATES FOR EXISTING SPRINKLER CSA GROUP HEADS TO REMIAN. SEE MECH. DWGS. 1341 NORTH DELAWARE AVENUE, SUITE 507 PHILADELPHIA, PA 19125

CONVERSE **WINKLER** 

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Fax: 215.664.1075

**MEP ENGINEERS:** 

**ARORA**°

Contact: Kevin Sultanik

Ph: 215.427.8700

Fax: 215.427.8752

Contact: Wing Au

**REVISIONS:** 

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Contact: Elin Westrick

e-mail: ewestrick@cwarc.com

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e-mail: ksultanik@aroraengineers.com

Arora Engineers, Inc.

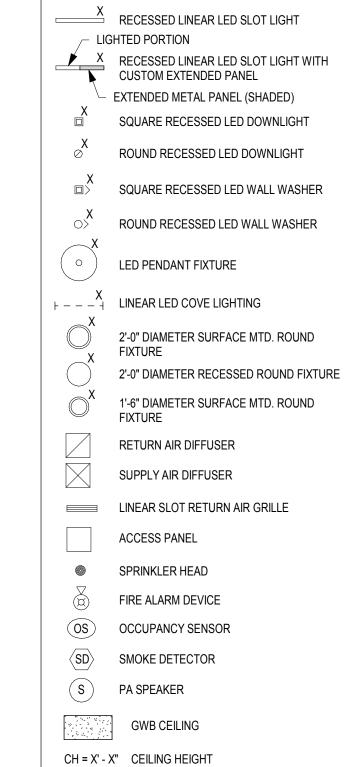
Chadds Ford, PA 19317

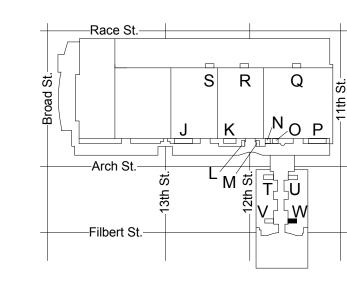
CONVERSE WINKLER

331 Montgomery Avenue,

Bala Cynwyd, PA, 19144

ARCHITECTURE





KEY PLAN - LEVEL 200



November 25, 2019 A619

Project number

Date

PENNSYLVANIA CONVENTION CENTER

**RCP & FINISH** 

PLAN - ROOM W

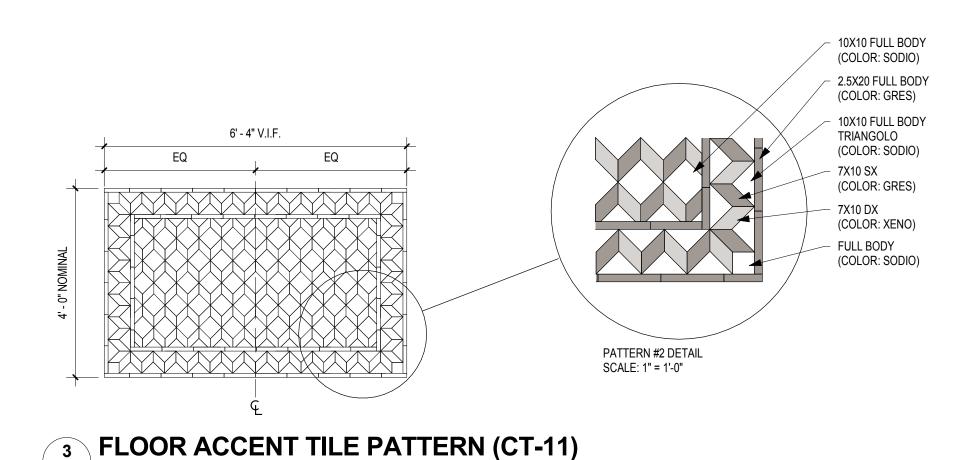
(SEMINAR)

As indicated

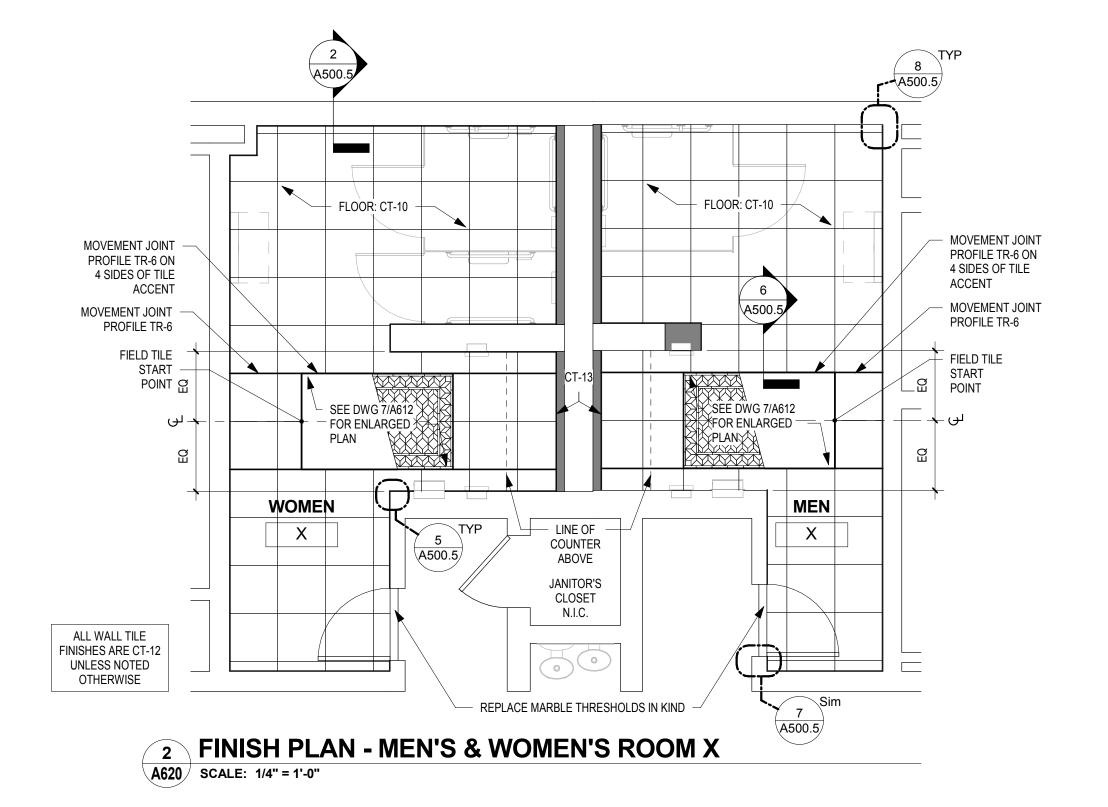
CW1615

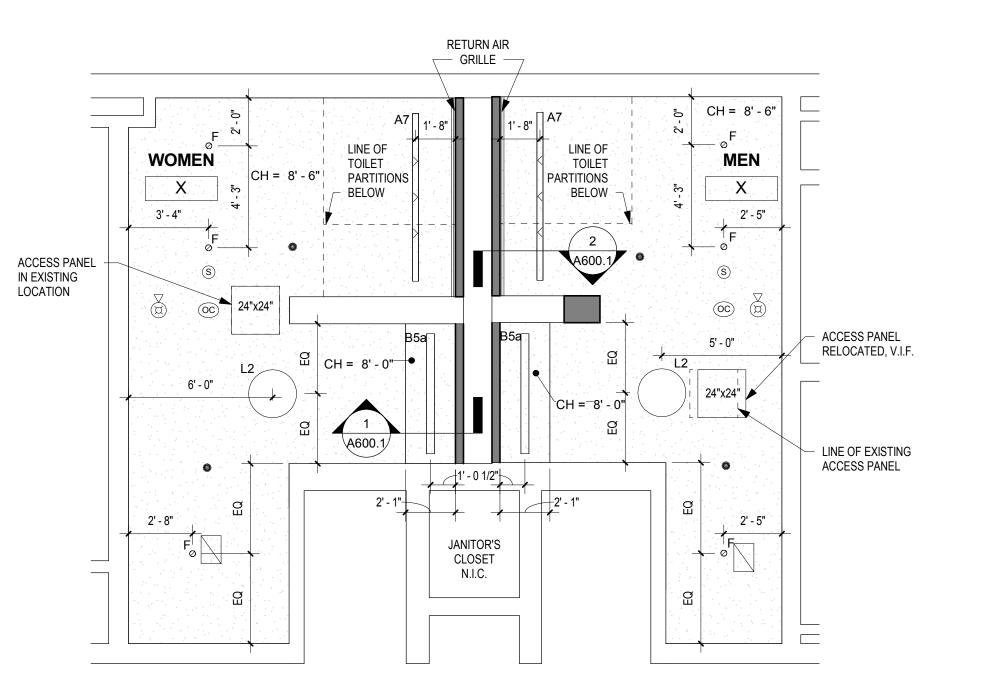
LC/KR

RESTROOM RENOVATIONS
101 ARCH STREET, PHILADELPHIA, PA 191



A620 SCALE: 1/2" = 1'-0"

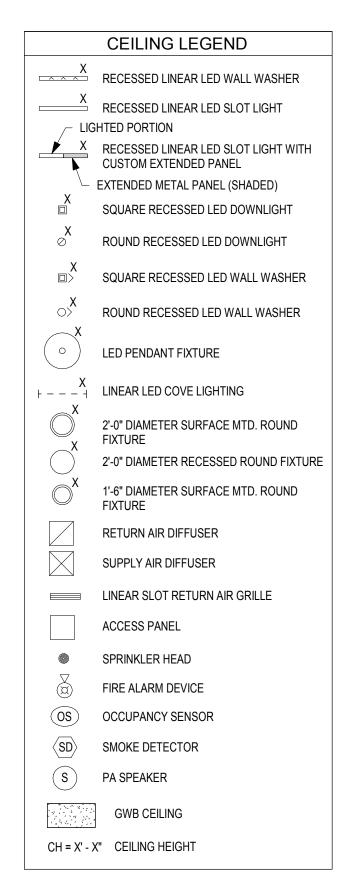


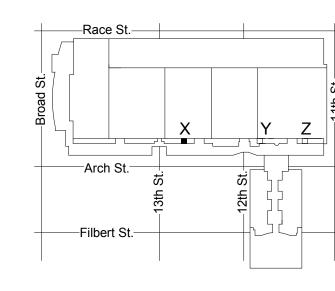


REFLECTED CEILING PLAN - MEN'S & WOMEN'S ROOM X A620 SCALE: 1/4" = 1'-0"

#### DRAWING GENERAL NOTES

- 1. SEE A500-SERIES SHEETS FOR INTERIOR ELEVATIONS AND WALL TILE PATTERN DETAILS. 2. ALL BASIS OF DESIGN FLOOR AND WALL TILE FINISHES AVAILABLE FROM STONE SOURCE - PHILADELPHIA.
- CONTACT MARC NASBERG: 202.549.3913; MNASBERG@STONESOURCE.COM 3. SEE LUMINAIRE SCHEDULE ON SHEET E702 FOR BASIS OF
- DESIGN LIGHT FIXTURES SHOWN ON RCP. AVAILABLE FROM DIVERSIFIED LIGHTING; CONTACT DEIRDRE MCCLINTOCK: (215) 442-0700; DMCCLINTOCK@DLATG.COM 4. VERIFY IN FIELD THE SUITABILITY OF PROPOSED NEW CEILING ACCESS PANEL LOCATIONS. NOTIFY ARCHITECT IF
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- 9. PAINT CEILINGS P-1 UNLESS NOTED OTHERWISE. 10. PROVIDE NEW COVER PLATES FOR EXISTING SPRINKLER HEADS TO REMIAN. SEE MECH. DWGS.





KEY PLAN - LEVEL 300

NTS

As indicated

PENNSYLVANIA CONVENTION CENTER

CONVERSE **WINKLER** 

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ARCHITECTS:

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Fax: 215.664.1075

**MEP ENGINEERS:** 

**ARORA**°

Contact: Kevin Sultanik

CSA GROUP

Ph: 215.427.8700 Fax: 215.427.8752

Contact: Wing Au

**REVISIONS:** 

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e-mail: wau@csagroup.com

Arora Engineers, Inc.

Chadds Ford, PA 19317

CONVERSE WINKLER

331 Montgomery Avenue,

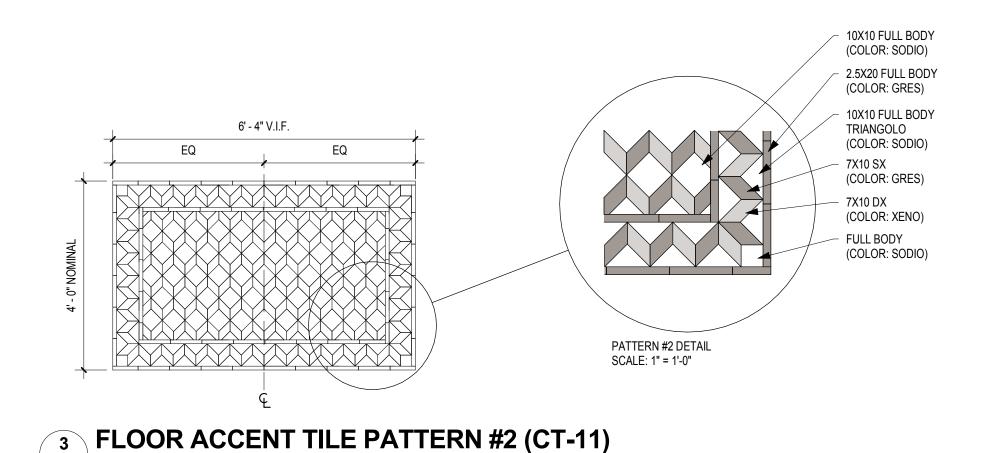
Bala Cynwyd, PA, 19144

ARCHITECTURE

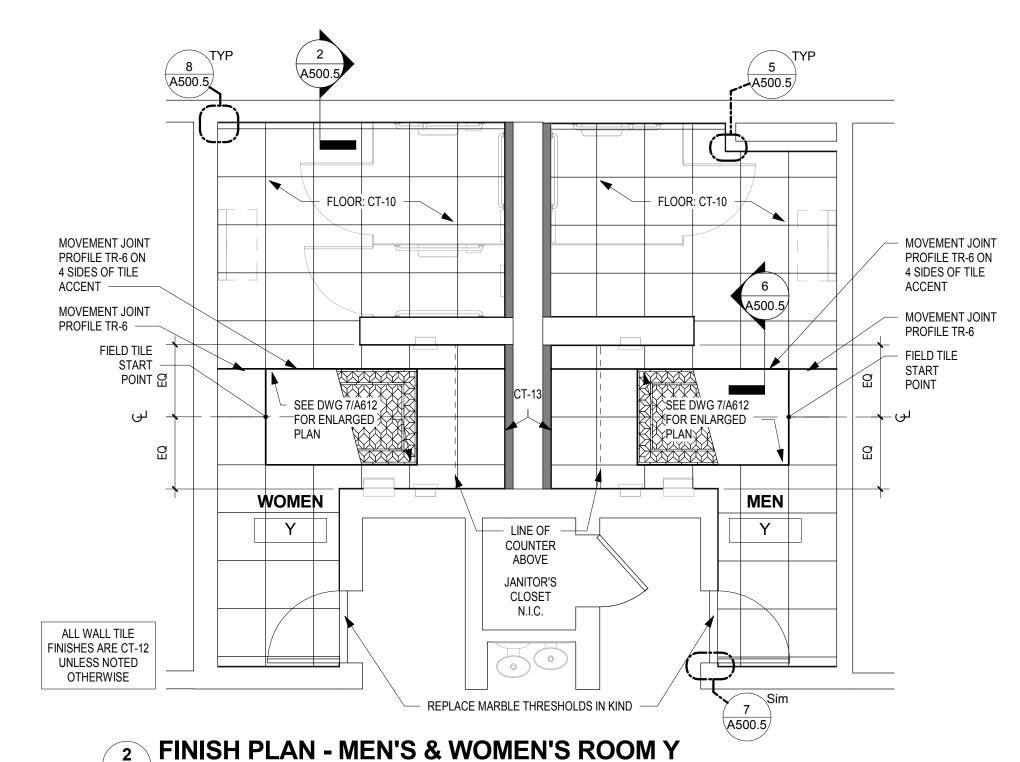
RESTROOM RENOVATIONS
101 ARCH STREET, PHILADELPHIA, PA 191

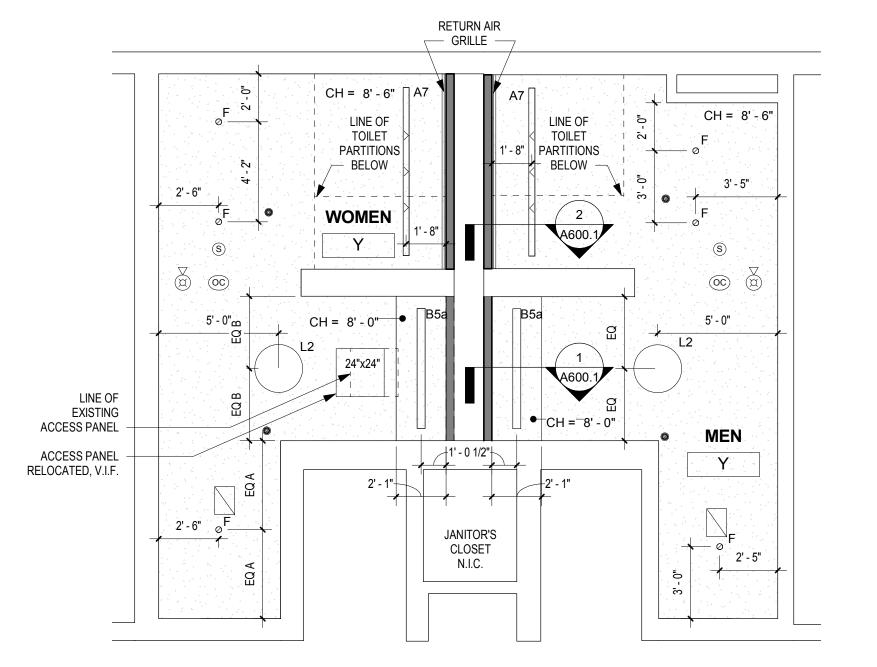
**RCP & FINISH** PLANS - ROOM X (SEMINAR)

CW1615 Project number November 25, 2019 Date KR/LC Drawn by EW



**A621** SCALE: 1/2" = 1'-0"





A621 SCALE: 1/4" = 1'-0"

REFLECTED CEILING PLAN - MEN'S & WOMEN'S ROOM Y A621 SCALE: 1/4" = 1'-0"

#### DRAWING GENERAL NOTES

1. SEE A500-SERIES SHEETS FOR INTERIOR ELEVATIONS AND WALL TILE PATTERN DETAILS. 2. ALL BASIS OF DESIGN FLOOR AND WALL TILE FINISHES AVAILABLE FROM STONE SOURCE - PHILADELPHIA. CONTACT MARC NASBERG: 202.549.3913;

CONVERSE **WINKLER** 

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ARCHITECTS:

ARCHITECTURE

Ph: 610.664.0806

Fax: 215.664.1075

**MEP ENGINEERS:** 

**ARORA**°

Contact: Kevin Sultanik

CSA GROUP

Ph: 215.427.8700

Fax: 215.427.8752

Contact: Wing Au

**REVISIONS:** 

Description

SUITE 507

Contact: Elin Westrick

e-mail: ewestrick@cwarc.com

P (610) 459-7900 F (610) 459-7950 aroraengineers.com

e-mail: ksultanik@aroraengineers.com

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STRUCTURAL ENGINEERS:

PHILADELPHIA, PA 19125

e-mail: wau@csagroup.com

Arora Engineers, Inc.

Chadds Ford, PA 19317

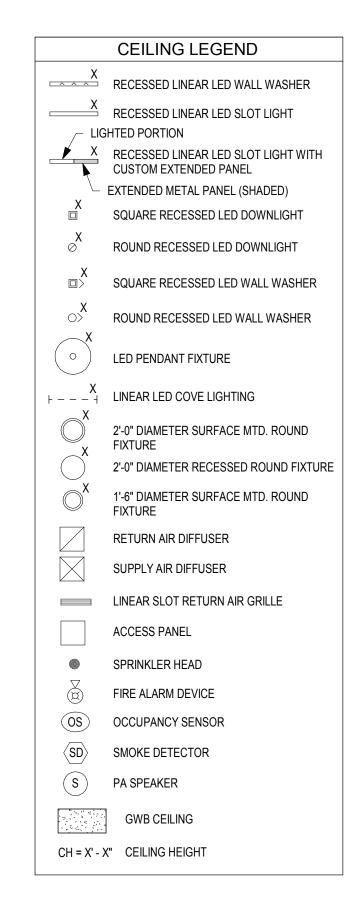
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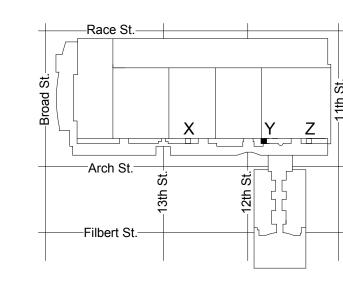
331 Montgomery Avenue,

Bala Cynwyd, PA, 19144

ARCHITECTURE

- MNASBERG@STONESOURCE.COM 3. SEE LUMINAIRE SCHEDULE ON SHEET E702 FOR BASIS OF DESIGN LIGHT FIXTURES SHOWN ON RCP. AVAILABLE FROM DIVERSIFIED LIGHTING; CONTACT DEIRDRE MCCLINTOCK: (215) 442-0700; DMCCLINTOCK@DLATG.COM
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KEY PLAN - LEVEL 300



Project number November 25, 2019 Date

PENNSYLVANIA CONVENTION CENTER

RESTROOM RENOVATIONS
101 ARCH STREET, PHILADELPHIA, PA 191

CW1615

KR/LC

EW

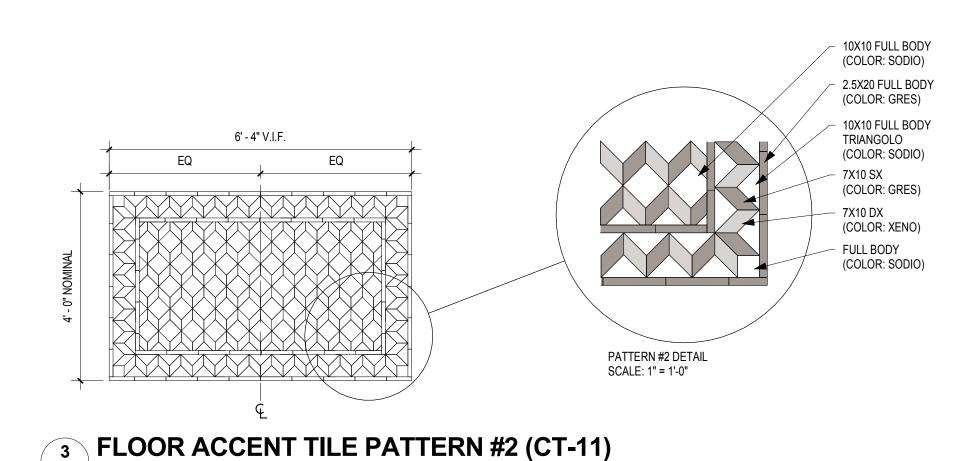
A621

As indicated

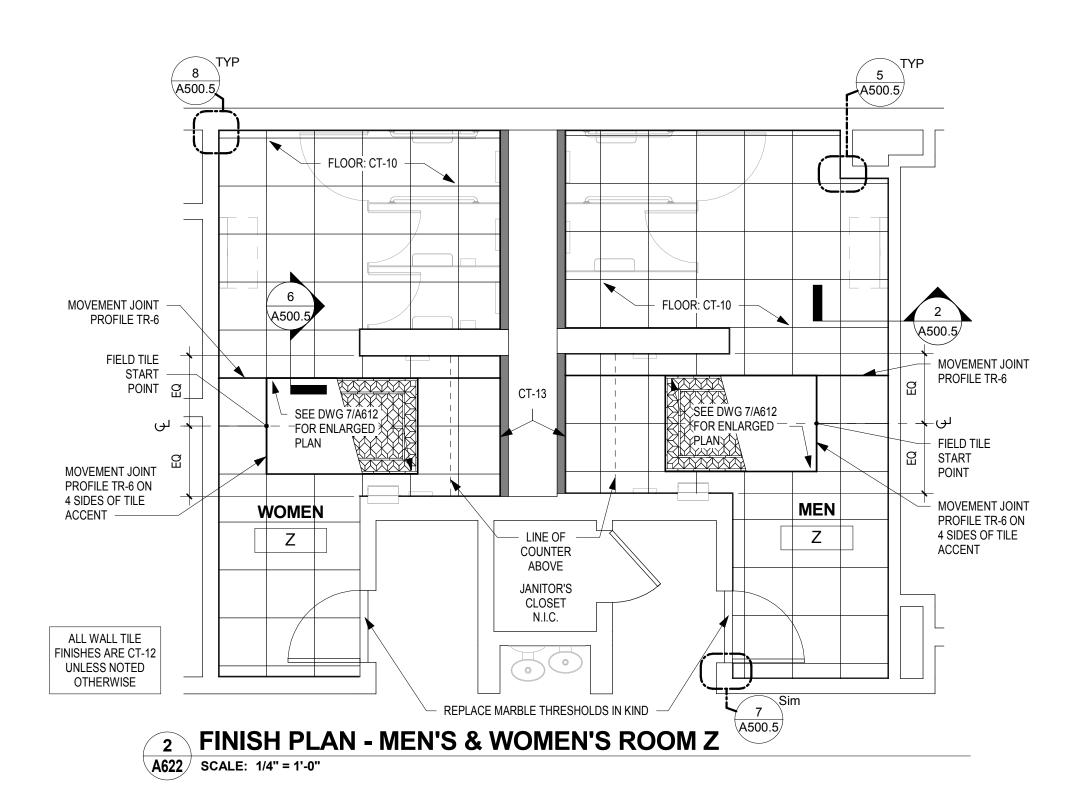
RCP & FINISH

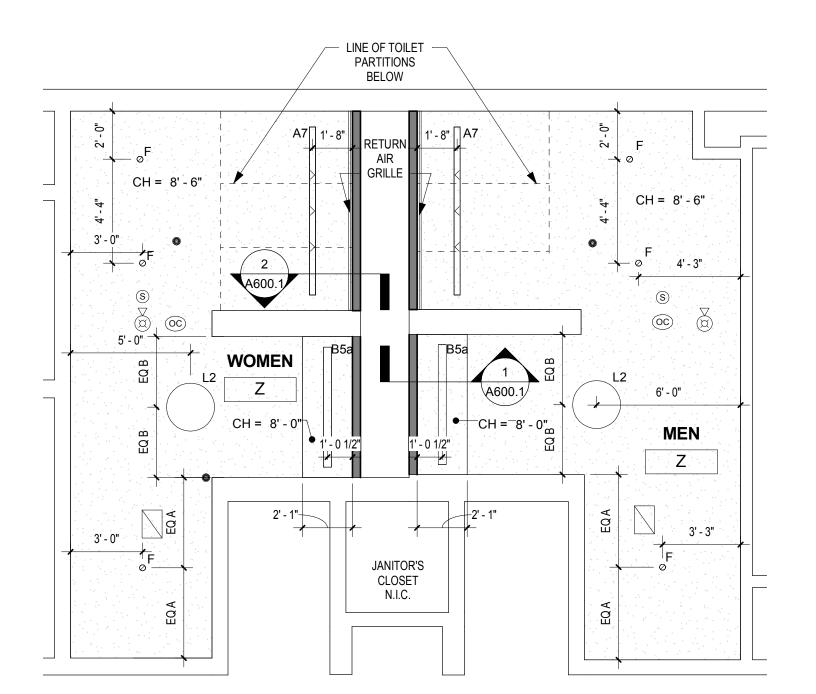
PLANS - ROOM Y

(SEMINAR)



A622 SCALE: 1/2" = 1'-0"





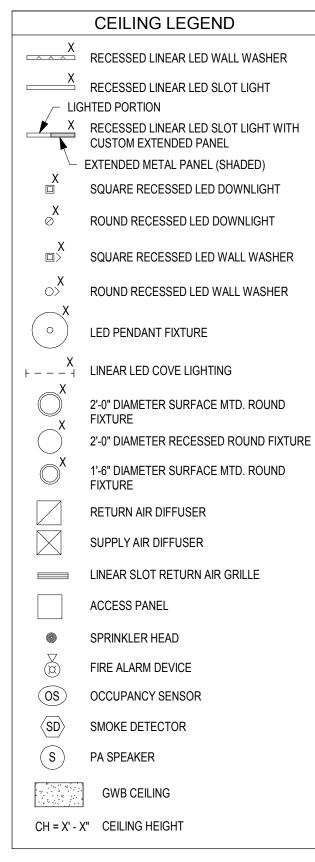
REFLECTED CEILING PLAN - MEN'S & WOMEN'S ROOM Z A622 SCALE: 1/4" = 1'-0"

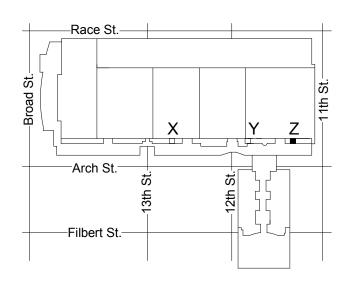
#### DRAWING GENERAL NOTES

- 1. SEE A500-SERIES SHEETS FOR INTERIOR ELEVATIONS AND WALL TILE PATTERN DETAILS. 2. ALL BASIS OF DESIGN FLOOR AND WALL TILE FINISHES AVAILABLE FROM STONE SOURCE - PHILADELPHIA.
- CONTACT MARC NASBERG: 202.549.3913; MNASBERG@STONESOURCE.COM 3. SEE LUMINAIRE SCHEDULE ON SHEET E702 FOR BASIS OF DESIGN LIGHT FIXTURES SHOWN ON RCP. AVAILABLE FROM DIVERSIFIED LIGHTING; CONTACT DEIRDRE
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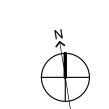
ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

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- 10. PROVIDE NEW COVER PLATES FOR EXISTING SPRINKLER HEADS TO REMIAN. SEE MECH. DWGS.





KEY PLAN - LEVEL 300



ARCHITECTURE 331 MONTGOMERY AVE BALA CYNWYD, PA 19144

CONVERSE **WINKLER** 

ARCHITECTS: CONVERSE WINKLER ARCHITECTURE 331 Montgomery Avenue, Bala Cynwyd, PA, 19144

Ph: 610.664.0806

Contact: Elin Westrick e-mail: ewestrick@cwarc.com

Fax: 215.664.1075



P (610) 459-7900 F (610) 459-7950 aroraengineers.com

e-mail: ksultanik@aroraengineers.com

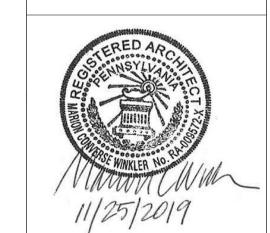
STRUCTURAL ENGINEERS: **CSA GROUP** 

Contact: Kevin Sultanik

1341 NORTH DELAWARE AVENUE, SUITE 507 PHILADELPHIA, PA 19125

Ph: 215.427.8700 Fax: 215.427.8752

Contact: Wing Au e-mail: wau@csagroup.com



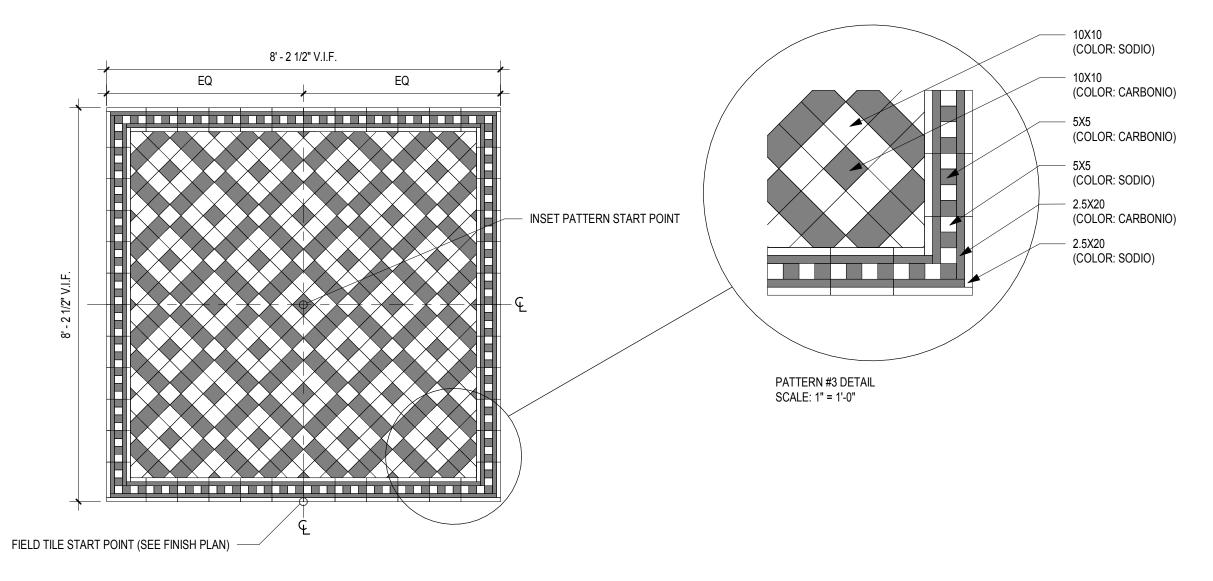
**REVISIONS:** Description

PENNSYLVANIA CONVENTION CENTER RESTROOM RENOVATIONS
101 ARCH STREET, PHILADELPHIA, PA 191

RCP & FINISH PLANS - ROOM Z (SEMINAR)

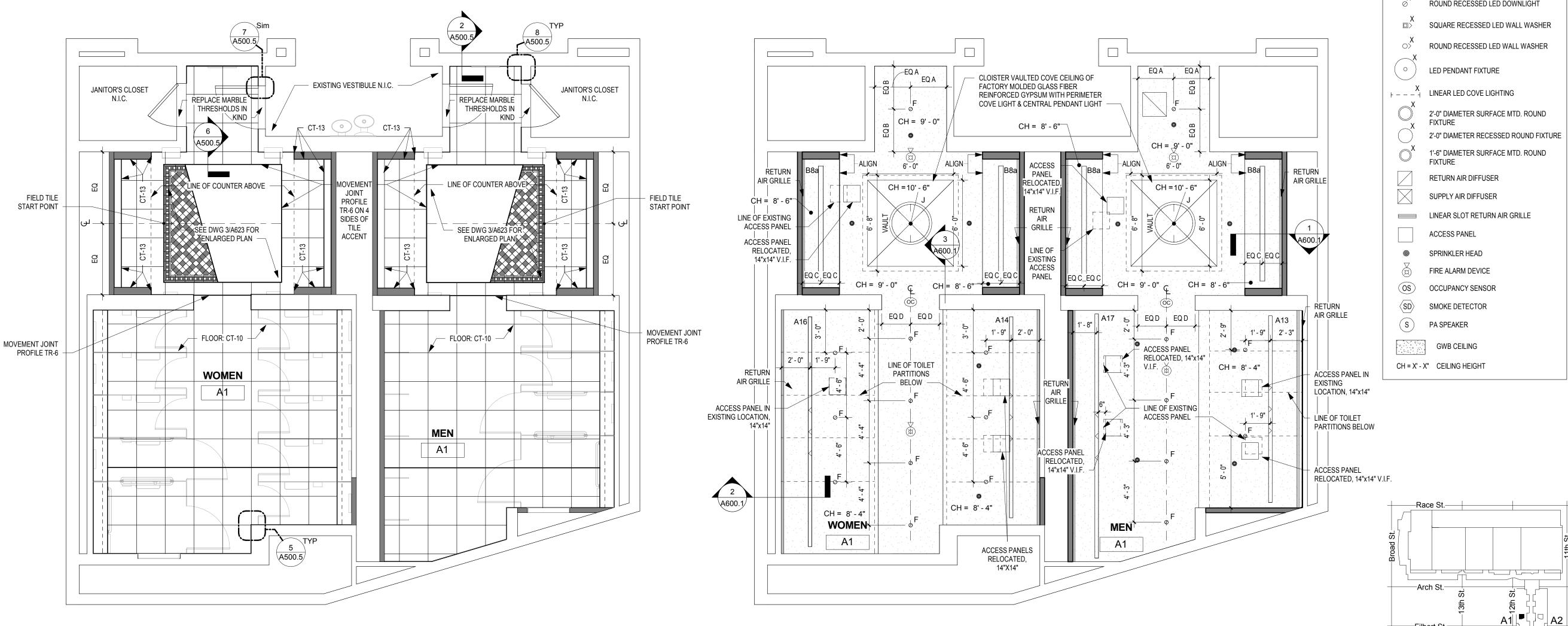
CW1615 Project number November 25, 2019 Date KR/LC EW

A622



# **3 FLOOR ACCENT TILE PATTERN #3 (CT-11)**

A623 SCALE: 1/2" = 1'-0"



**7** FINISH PLAN - MEN'S & WOMEN'S ROOM A1 A623 SCALE: 1/4" = 1'-0"

REFLECTED CEILING PLAN - MEN'S & WOMEN'S ROOM A1 A623 | SCALE: 1/4" = 1'-0"

#### **DRAWING GENERAL NOTES**

- 1. SEE A500-SERIES SHEETS FOR INTERIOR ELEVATIONS AND WALL TILE PATTERN DETAILS. 2. ALL BASIS OF DESIGN FLOOR AND WALL TILE FINISHES AVAILABLE FROM STONE SOURCE - PHILADELPHIA. CONTACT MARC NASBERG: 202.549.3913;
- MNASBERG@STONESOURCE.COM 3. SEE LUMINAIRE SCHEDULE ON SHEET E702 FOR BASIS OF DESIGN LIGHT FIXTURES SHOWN ON RCP. AVAILABLE FROM DIVERSIFIED LIGHTING; CONTACT DEIRDRE MCCLINTOCK: (215) 442-0700; DMCCLINTOCK@DLATG.COM

CONVERSE **WINKLER** 

331 MONTGOMERY AVE BALA CYNWYD, PA 19144

ARCHITECTS:

ARCHITECTURE

Ph: 610.664.0806

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**MEP ENGINEERS:** 

**ARORA** 

Contact: Kevin Sultanik

CSA GROUP

Ph: 215.427.8700

Fax: 215.427.8752

**REVISIONS:** 

Description

SUITE 507

STRUCTURAL ENGINEERS:

PHILADELPHIA, PA 19125

Contact: Elin Westrick

e-mail: ewestrick@cwarc.com

P (610) 459-7900 F (610) 459-7950 aroraengineers.com

e-mail: ksultanik@aroraengineers.com

1341 NORTH DELAWARE AVENUE,

Arora Engineers, Inc.

Chadds Ford, PA 19317

CONVERSE WINKLER

331 Montgomery Avenue,

Bala Cynwyd, PA, 19144

ARCHITECTURE

- 4. VERIFY IN FIELD THE SUITABILITY OF PROPOSED NEW CEILING ACCESS PANEL LOCATIONS. NOTIFY ARCHITECT IF PROPOSED LOCATION DOES NOT PROVIDE ADEQUATE ACCESS, AND PROPOSE ALTERNATE LOCATION. 5. EXISTING CEILING DEVICES ARE TO BE REPLACED IN KIND, UNLESS OTHERWISE NOTED -- SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION. NEW DEVICE LOCATIONS ARE AS INDICATED ON ARCHITECTURAL RCP.
- 6. PRIMARY CEILINGS IN EXHIBIT HALL TYPE RESTROOMS ARE TO BE REPLACED IN SAME LOCATION AS EXISTING. CEILING HEIGHTS NOTED ON RCP ARE TO BE VERIFIED IN
- 7. CONTRACTOR TO NOTIFY ARCHITECT OF ANY UNFORESEEN OBSTRUCTIONS PREVENTING INSTALLATION
- OF CEILINGS AT HEIGHT INDICATED ON RCP. 8. CEILING OCCUPANCY SENSORS TO BE INSTALLED SO AS TO PROVIDE COMPLETE ROOM COVERAGE.
- 9. PAINT CEILINGS P-1 UNLESS NOTED OTHERWISE. 10. PROVIDE NEW COVER PLATES FOR EXISTING SPRINKLER HEADS TO REMIAN. SEE MECH. DWGS.

#### **CEILING LEGEND**

X RECESSED LINEAR LED WALL WASHER Contact: Wing Au e-mail: wau@csagroup.com RECESSED LINEAR LED SLOT LIGHT LIGHTED PORTION RECESSED LINEAR LED SLOT LIGHT WITH CUSTOM EXTENDED PANEL - EXTENDED METAL PANEL (SHADED)

SQUARE RECESSED LED DOWNLIGHT ROUND RECESSED LED DOWNLIGHT

Filbert St

KEY PLAN - BALLROOM LEVEL

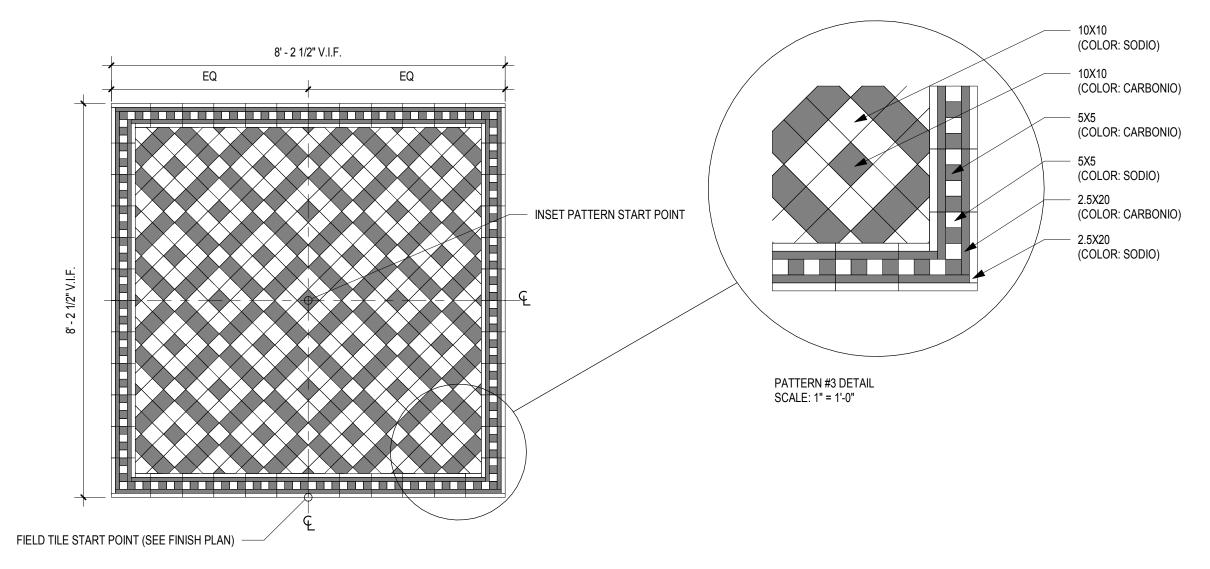
PENNSYLVANIA CONVENTION CENTER

RCP & FINISH PLAN - ROOM A1 (BALLROOM)

RESTROOM RENOVATIONS
101 ARCH STREET, PHILADELPHIA, PA 191

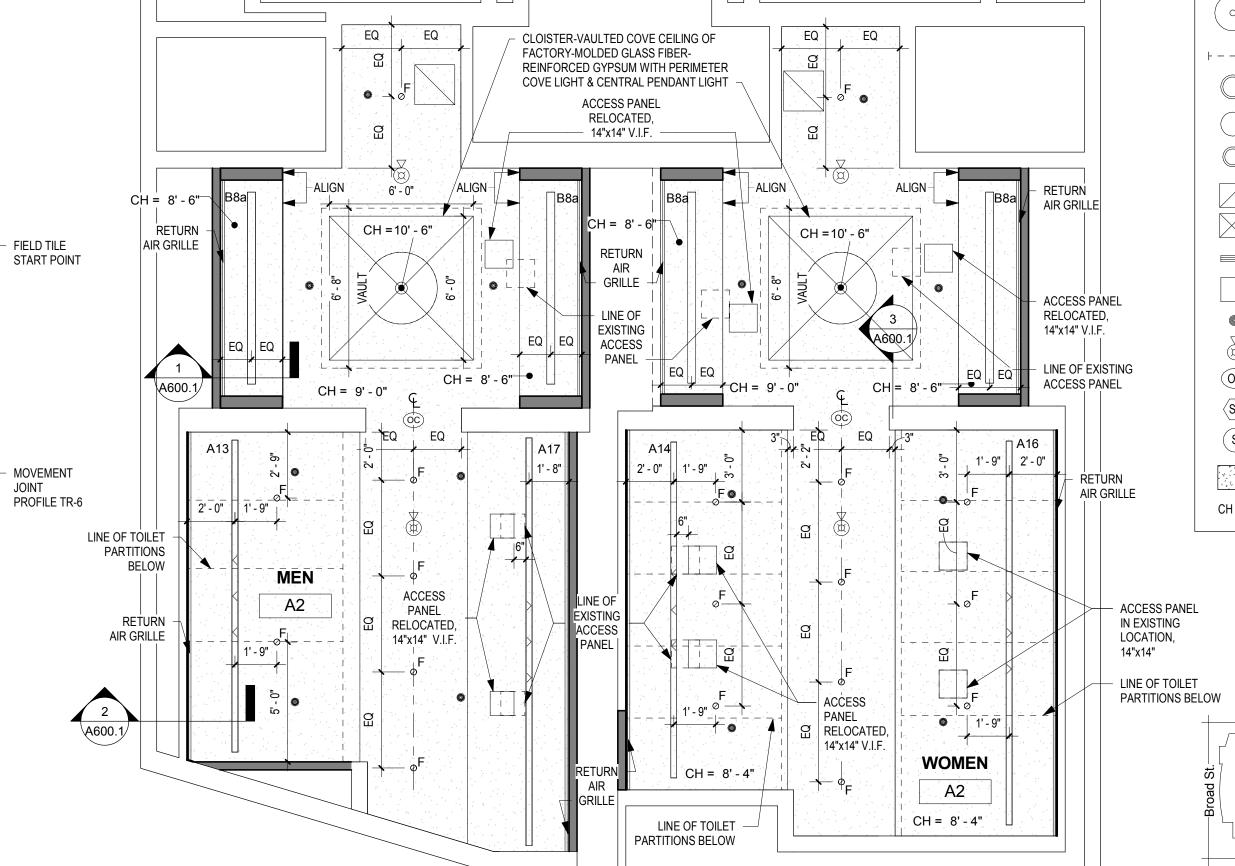
CW1615 Project number Date November 25, 2019 KR/LC Drawn by EW Checked by

A623



**3 FLOOR ACCENT TILE PATTERN #3 (CT-11)** A624 SCALE: 1/2" = 1'-0"

EXISTING VESTIBULE N.I.C. JANITOR'S CLOSET REPLACE MARBLE JANITOR'S CLOSET THRESHOLDS IN THRESHOLDS IN KIND FIELD TILE PROFILE TR-6 ON 4 SIDES OF TILE ACCENT START POINT SEE DWG 3/A624 FOR SEE DWG 3/A624 FOR ENLARGED PLAN -ENLARGED PLAN MOVEMENT JOINT PROFILE TR-6 MOVEMENT JOINT MEN A2 WOMEN FLOOR: CT-10 FLOOR: CT-10



FINISH PLAN - MEN'S & WOMEN'S ROOM A2 A624 SCALE: 1/4" = 1'-0"

REFLECTED CEILING PLAN - MEN'S & WOMEN'S ROOM A2

DRAWING GENERAL NOTES

1. SEE A500-SERIES SHEETS FOR INTERIOR ELEVATIONS AND WALL TILE PATTERN DETAILS. 2. ALL BASIS OF DESIGN FLOOR AND WALL TILE FINISHES AVAILABLE FROM STONE SOURCE - PHILADELPHIA. CONTACT MARC NASBERG: 202.549.3913;

MNASBERG@STONESOURCE.COM 3. SEE LUMINAIRE SCHEDULE ON SHEET E702 FOR BASIS OF DESIGN LIGHT FIXTURES SHOWN ON RCP. AVAILABLE FROM DIVERSIFIED LIGHTING; CONTACT DEIRDRE

MCCLINTOCK: (215) 442-0700; DMCCLINTOCK@DLATG.COM 4. VERIFY IN FIELD THE SUITABILITY OF PROPOSED NEW CEILING ACCESS PANEL LOCATIONS. NOTIFY ARCHITECT IF PROPOSED LOCATION DOES NOT PROVIDE ADEQUATE ACCESS, AND PROPOSE ALTERNATE LOCATION. 5. EXISTING CEILING DEVICES ARE TO BE REPLACED IN KIND, UNLESS OTHERWISE NOTED -- SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION. NEW DEVICE LOCATIONS ARE AS INDICATED ON

ARCHITECTURAL RCP. 6. PRIMARY CEILINGS IN EXHIBIT HALL TYPE RESTROOMS ARE TO BE REPLACED IN SAME LOCATION AS EXISTING. CEILING HEIGHTS NOTED ON RCP ARE TO BE VERIFIED IN

7. CONTRACTOR TO NOTIFY ARCHITECT OF ANY UNFORESEEN OBSTRUCTIONS PREVENTING INSTALLATION

OF CEILINGS AT HEIGHT INDICATED ON RCP. 8. CEILING OCCUPANCY SENSORS TO BE INSTALLED SO AS TO PROVIDE COMPLETE ROOM COVERAGE.

9. PAINT CEILINGS P-1 UNLESS NOTED OTHERWISE. 10. PROVIDE NEW COVER PLATES FOR EXISTING SPRINKLER HEADS TO REMIAN. SEE MECH. DWGS.

CEILING LEGEND

RECESSED LINEAR LED WALL WASHER RECESSED LINEAR LED SLOT LIGHT LIGHTED PORTION X RECESSED LINEAR LED SLOT LIGHT WITH CUSTOM EXTENDED PANEL EXTENDED METAL PANEL (SHADED) SQUARE RECESSED LED DOWNLIGHT ROUND RECESSED LED DOWNLIGHT SQUARE RECESSED LED WALL WASHER ROUND RECESSED LED WALL WASHER LED PENDANT FIXTURE - - - ^ LINEAR LED COVE LIGHTING 2'-0" DIAMETER SURFACE MTD. ROUND FIXTURE 2'-0" DIAMETER RECESSED ROUND FIXTURE 1'-6" DIAMETER SURFACE MTD. ROUND FIXTURE RETURN AIR DIFFUSER SUPPLY AIR DIFFUSER LINEAR SLOT RETURN AIR GRILLE SPRINKLER HEAD FIRE ALARM DEVICE OCCUPANCY SENSOR SMOKE DETECTOR PA SPEAKER **GWB CEILING** CH = X' - X" CEILING HEIGHT

-Arch St.

Filbert St.

KEY PLAN - BALLROOM LEVEL NTS

RCP & FINISH PLAN - ROOM A2 (BALLROOM)

CW1615 Project number November 25, 2019 Date KR/LC Drawn by EW Checked by

As indicated

A624 SCALE: 1/4" = 1'-0"

CONVERSE **WINKLER** ARCHITECTURE 331 MONTGOMERY AVE BALA CYNWYD, PA 19144

> ARCHITECTS: CONVERSE WINKLER ARCHITECTURE 331 Montgomery Avenue, Bala Cynwyd, PA, 19144

Ph: 610.664.0806 Fax: 215.664.1075 Contact: Elin Westrick

e-mail: ewestrick@cwarc.com

**MEP ENGINEERS:** Arora Engineers, Inc. **ARORA**° Chadds Ford, PA 19317

P (610) 459-7900 F (610) 459-7950 aroraengineers.com

Contact: Kevin Sultanik e-mail: ksultanik@aroraengineers.com

STRUCTURAL ENGINEERS: CSA GROUP 1341 NORTH DELAWARE AVENUE, SUITE 507

Ph: 215.427.8700 Fax: 215.427.8752

PHILADELPHIA, PA 19125

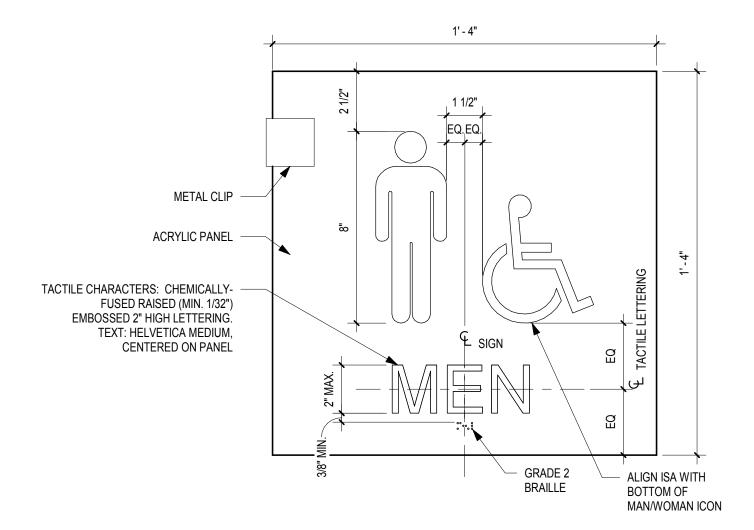
Contact: Wing Au e-mail: wau@csagroup.com



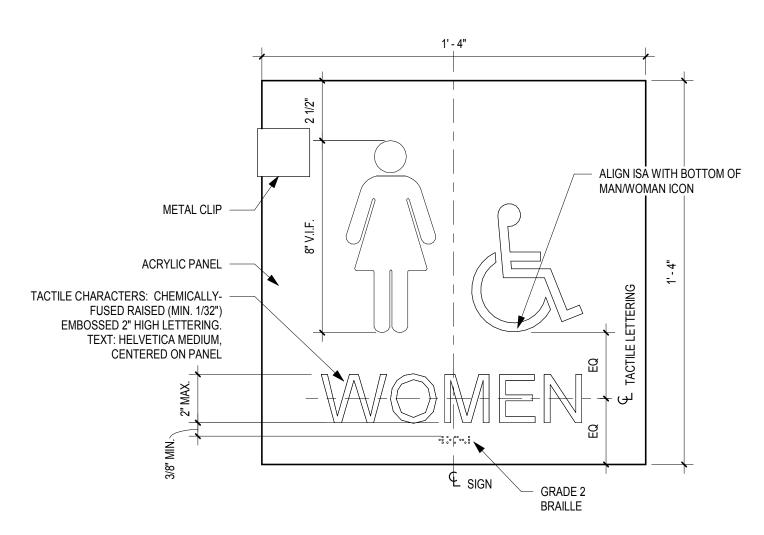
**REVISIONS:** Description

PENNSYLVANIA CONVENTION CENTER RESTROOM RENOVATIONS
101 ARCH STREET, PHILADELPHIA, PA 191

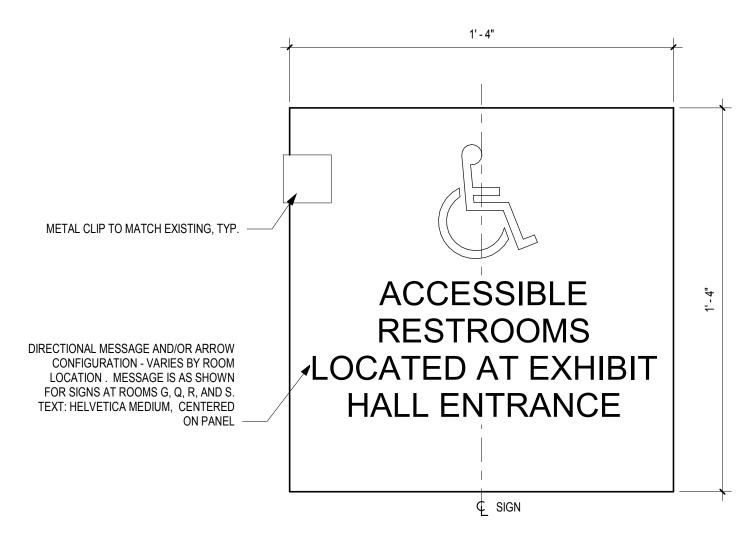
A624



# 7 TYP. EXHIBIT RESTROOM SIGN - MEN'S ACCESSIBLE A800 SCALE: 3" = 1'-0"

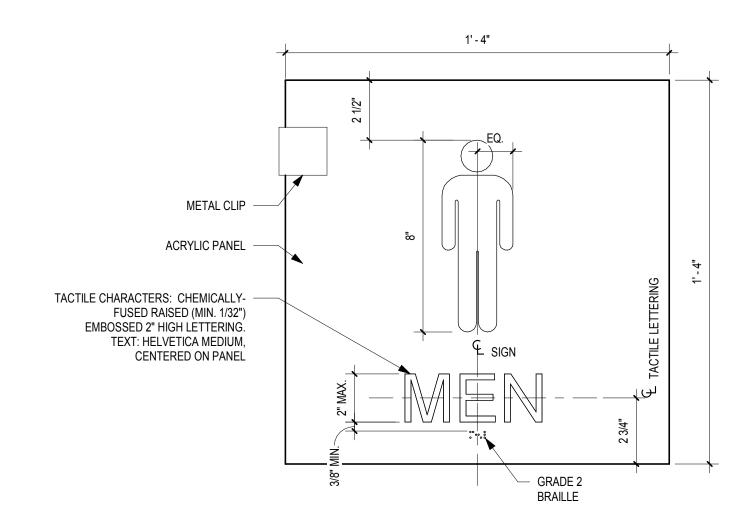


# 6 A800 SCALE: 3" = 1'-0"

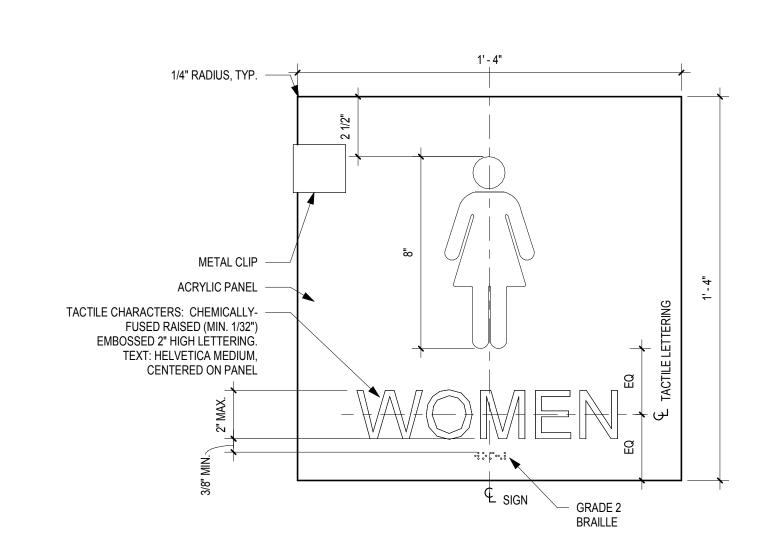


TYP. EXHIBIT DIRECTIONAL SIGN @ NON-ACCESSIBLE RESTROOMS

SCALE: 3" = 1'-0"



# 4 TYP. EXHIBIT RESTROOM SIGN - MEN'S NON-ACCESSIBLE A800 SCALE: 3" = 1'-0"



# 3 TYP. EXHIBIT RESTROOM SIGN - WOMEN'S NON-ACCESSIBLE SCALE: 3" = 1'-0"

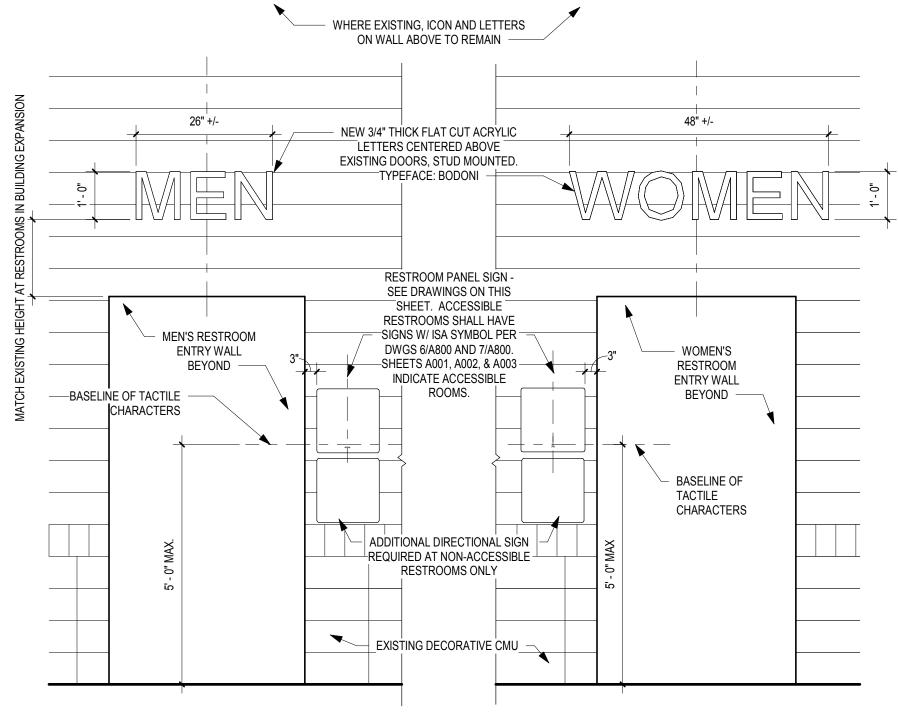
#### SIGNAGE NOTES:

1. EXHIBIT HALL RESTROOM SIGNAGE TO MATCH MATERIAL, SIZE, THICKNESS, AND COLOR OF EXISTING SIGNAGE AT NEWER RESTROOMS IN CONVENTION CENTER EXPANSION (EXHIBIT HALLS D & E). GC IS TO VERIFY IN FIELD.

2. MESSAGE IS AS SHOWN IN DRAWINGS.

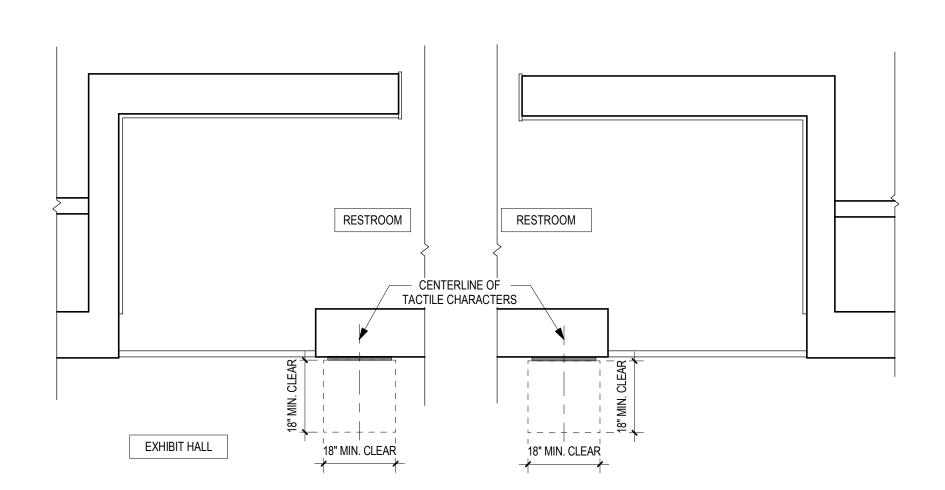
3. SIGN FACE PANEL TO HAVE MAGNETIC ATTACHMENT TO BACKER PANEL. FACE PANEL TO BE REMOVABLE/INTERCHANGEABLE BY FACILITY.

3. SIGNAGE SHALL BE COMPLIANT WITH ALL BUILDING CODES AND ADA REQUIREMENTS.



TYP. EXHIBIT RESTROOM SIGN ELEVATION

A800 SCALE: 1/2" = 1'-0"



1 TYP.SIGN CLEARANCES PLAN - EXHIBIT
A800 SCALE: 1/2" = 1'-0"

CONVERSE
WINKLER
ARCHITECTURE
331 MONTGOMERY AVE
BALA CYNWYD, PA 19144

ARCHITECTS:
CONVERSE WINKLER
ARCHITECTURE
331 Montgomery Avenue,
Bala Cynwyd, PA, 19144

Fax: 215.664.1075

Contact: Elin Westrick
e-mail: ewestrick@cwarc.com

Ph: 610.664.0806

MEP ENGINEERS:

Arora Engineers, Inc.
61 Wilmington-West Chester F
Chadds Ford, PA 19317

Contact: Kevin Sultanik
e-mail: ksultanik@aroraengineers.com

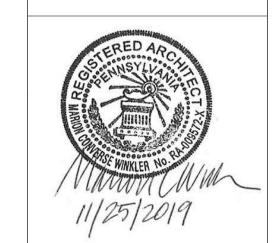
P (610) 459-7900 F (610) 459-7950 aroraengineers.com

STRUCTURAL ENGINEERS:

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1341 NORTH DELAWARE AVENUE,
SUITE 507
PHILADELPHIA, PA 19125

Ph: 215.427.8700 Fax: 215.427.8752

Contact: Wing Au e-mail: wau@csagroup.com



No. Description Date

PENNSYLVANIA
CONVENTION CENTER
RESTROOM RENOVATIONS
1101 ARCH STREET, PHILADELPHIA, PA 19107

EXHIBIT TYPE ROOM SIGNAGE

Project number CW1615

Date November 25, 2019

Drawn by LC/KR
Checked by EW

A800

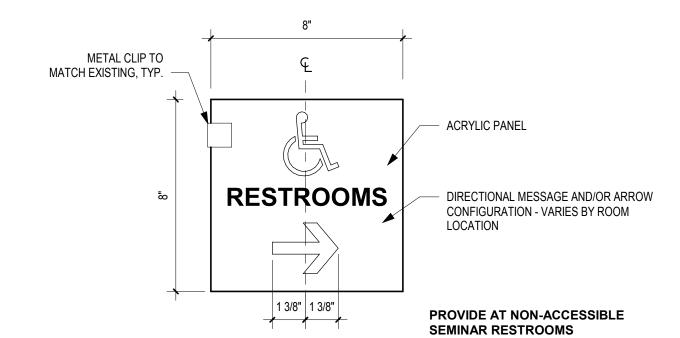


1. SEMINAR/BALLROOM RESTROOM SIGNAGE TO MATCH EXISTING SIGNAGE TYPE AND COLOR IN SAME LOCATION. GC IS TO VERIFY IN FIELD.

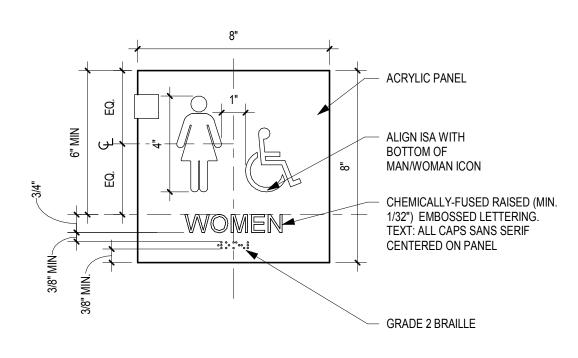
2. MESSAGE IS AS SHOWN IN DRAWINGS.

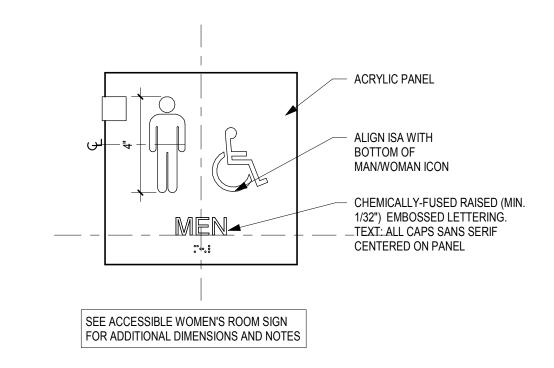
3. SIGN FACE PANEL TO HAVE MAGNETIC ATTACHMENT TO BACKER PANEL. FACE PANEL TO BE REMOVABLE/INTERCHANGEABLE BY FACILITY.

3. SIGNAGE SHALL BE COMPLIANT WITH ALL BUILDING CODES AND ADA REQUIREMENTS.



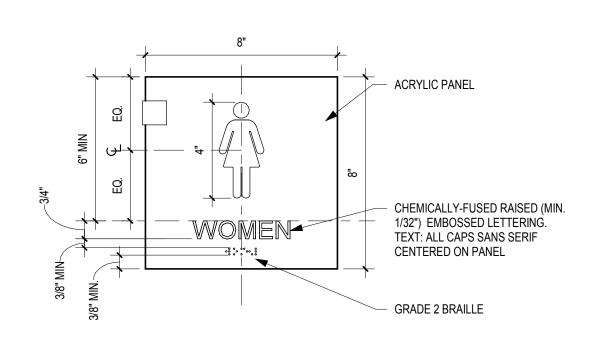
# 5 TYP. SEMINAR ROOM DIRECTIONAL SIGN A801 SCALE: 3" = 1'-0"

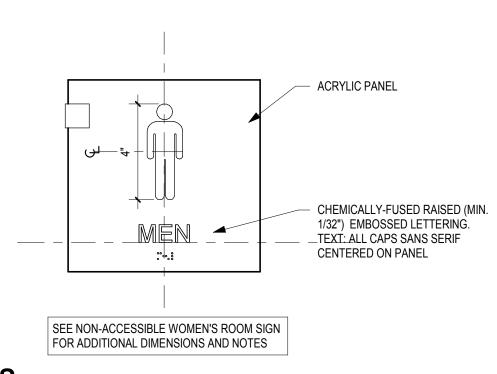




# 4 TYP. ACCESSIBLE SEMINAR RESTROOM SIGNS

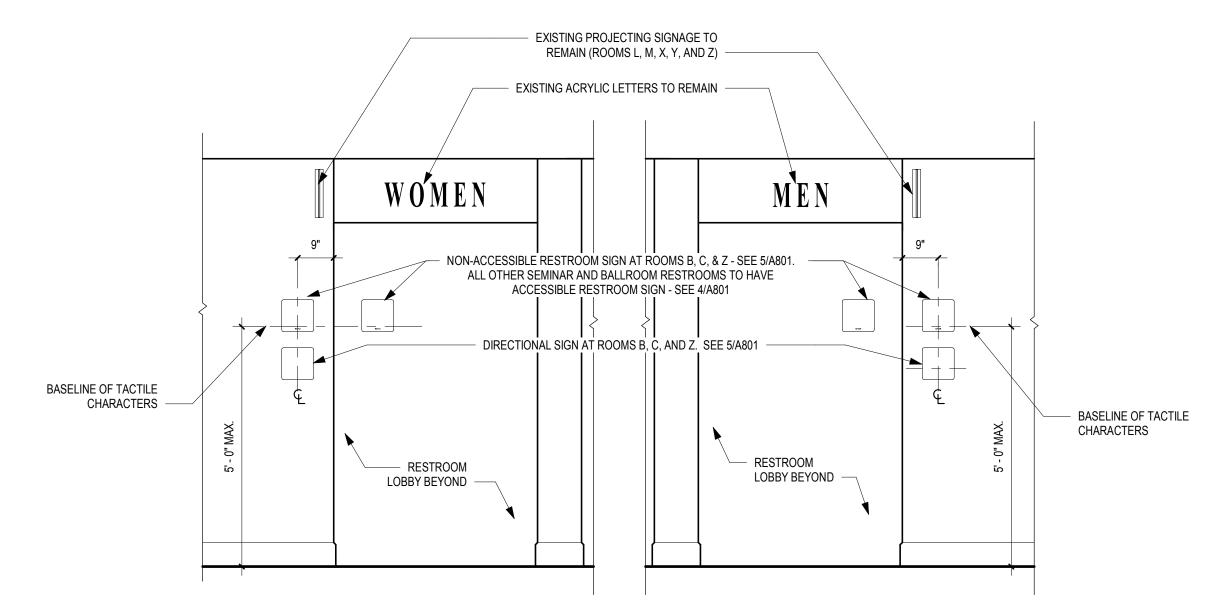
A801 SCALE: 3" = 1'-0"





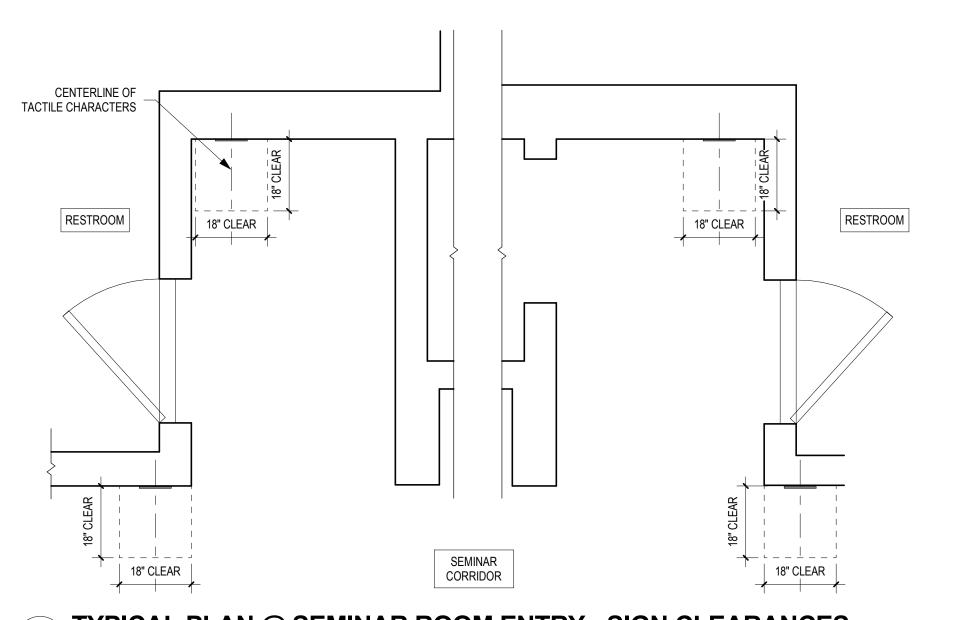
# 3 TYP. NON-ACCESSIBLE SEMINAR RESTROOM SIGNS

A801 SCALE: 3" = 1'-0"



# 2 TYPICAL ELEVATION @ SEMINAR ROOM ENTRY - SIGN LOCATIONS A801 SCALE: 1/2" = 1'-0"

NOTE: NEW SIGNS MAY BE REPLACED AT EXISTING LOCATIONS IF ADA & CODE-REQUIRED CLEARANCES ARE MET.



# 1 TYPICAL PLAN @ SEMINAR ROOM ENTRY - SIGN CLEARANCES

A801 SCALE: 1/2" = 1'-0"

CONVERSE
WINKLER
ARCHITECTURE
331 MONTGOMERY AVE
BALA CYNWYD, PA 19144

ARCHITECTS: CONVERSE WINKLER ARCHITECTURE 331 Montgomery Avenue, Bala Cynwyd, PA, 19144

Fax: 215.664.1075

Contact: Elin Westrick
e-mail: ewestrick@cwarc.com

Ph: 610.664.0806

MEP ENGINEERS:



P (610) 459-7900 | F (610) 459-7950 | aroraengineers.com

Contact: Kevin Sultanik
e-mail: ksultanik@aroraengineers.com

STRUCTURAL ENGINEERS:

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Ph: 215.427.8700 Fax: 215.427.8752

Contact: Wing Au e-mail: wau@csagroup.com



REVISIONS:

No. Description Date

NIA ENTER 'ATIONS

PENNSYLVANIA
CONVENTION CENTER
RESTROOM RENOVATIONS
1101 ARCH STREET, PHILADELPHIA, PA 19107

SEMINAR TYPE ROOM SIGNAGE

Project number CW1615

Date November 25, 2019

Drawn by KR/LC
Checked by EW

A801

ale As indicated

#### **GENERAL NOTES**

- 1. THE CONTRACTOR SHALL COMPLY WITH ALL REGULATIONS & LAWS OF AUTHORITIES HAVING
- THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIAL, & EQUIPMENT REQUIRED FOR THE COMPLETION & OPERATION OF ALL SYSTEMS IN THIS SECTION OF WORK IN ACCORDANCE WITH ALL APPLICABLE CODES.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO FIELD LOCATE AND IDENTIFY ALL EXISTING UTILITIES WITHIN THE CONSTRUCTION AREA, WHETHER INDICATED ON DRAWINGS OR NOT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRS TO EXISTING UTILITIES DAMAGED DURING CONSTRUCTION. NO REIMBURSEMENT WILL BE ALLOWED FOR UTILITY REPAIR AND/OR REPLACEMENT.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND NOTIFY THE ENGINEER AT ONCE OF ANY DISCREPANCIES.
- ALL PENETRATIONS, BOTH NEW AND EXISTING, THROUGH DESIGNATED FIRE RATED WALLS, CEILINGS AND FLOOR SLABS (WHICH ARE 2-HOUR RATED) SHALL BE PROPERLY SEALED WITH AN APPROVED RATED FIRE STOPPING MATERIAL. ALL FIRE STOPPING MATERIAL SHALL BE SUPPLIED AND WORK PERFORMED AS PER PROJECT SPECIFICATIONS. CONTRACTOR SHALL SUBMIT THE MANUFACTURER'S CATALOG DATA AND INSTALLATION DETAILS FOR FIRESTOPPING TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
- WHERE UTILITIES AND/OR SERVICES REQUIRE SHUTDOWN FOR THE WORK TO BE PERFORMED, NOTIFY THE OWNER. REQUESTS FOR UTILITY AND/OR SERVICES SHUTDOWNS SHALL BE SUBMITTED TO THE OWNER, IN WRITING, A MINIMUM OF ONE WEEK PRIOR TO THE SCHEDULED SHUTDOWN.
- THE CONTRACTOR SHALL NOT BE ALLOWED ANY STORAGE AREA OTHER THAN THAT AVAILABLE WITHIN THE LIMITS OF THE STAGING AREA OR CONFINES OF THE WORK AREA.
- ALL MATERIALS SHALL COMPLY WITH APPLICABLE CODES, ORDINANCES AND REGULATIONS.
- A COPY OF THE CURRENT SET OF CONTRACT DOCUMENTS (WITH AS-BUILT INFORMATION) SHALL BE KEPT AT THE JOB SITE AT ALL TIMES BY THE CONTRACTOR
- EACH CONTRACTOR SHALL REVIEW ALL PROJECT DOCUMENTS OF ALL TRADES FOR A THOROUGH UNDERSTANDING OF PROJECT AND ANY CROSS REFERENCING OF WORK, REVIEW ALL PROJECT REQUIREMENTS PRIOR TO BIDDING. DISCREPANCIES BETWEEN DOCUMENTS SHALL BE REPORTED TO THE ENGINEER PRIOR TO BIDDING. IN CASE OF DISCREPANCIES, THE MOST STRINGENT SHALL GOVERN.
- THE CONTRACTOR SHALL GUARANTEE THE ENTIRE INSTALLATION FOR A PERIOD OF ONE YEAR (EXCEPT WHERE EXTENSIONS OF THIS ONE YEAR PERIOD ARE NOTED) FROM THE DATE OF ACCEPTANCE OF THE SYSTEM AS A WHOLE. ANY DEFECTS IN WORKMANSHIP, MATERIALS, MALFUNCTION OF EQUIPMENT OR UNSATISFACTORY PERFORMANCE, AND ALL OTHER WORK OR PARTS OF THE BUILDING DAMAGED THEREBY, AS A RESULT OF WORK OF THE PROJECT BY THE CONTRACTOR, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL PAY ALL REPAIR COSTS ACCORDINGLY WITHOUT ADDITIONAL COSTS TO THE OWNER.
- IN ADDITION TO SPECIFICATIONS, AS MAY BE DEFINED HEREAFTER, THE CONTRACTOR SHALL PROTECT THE WORK SITE AND ALL HIS OR HER WORK AGAINST ANY DAMAGE (INCLUDING BUT NOT LIMITED TO WATER, DUST, HEAT, FREEZING ETC.) UNTIL FINAL COMPLETION AND ACCEPTANCE BY THE OWNER.
- CONTRACTOR SHALL, UPON COMPLETION OF THE WORK, SUBMIT AS-BUILT RECORD DRAWINGS SHOWING ALL CHANGES FROM THE CONTRACT DRAWING MADE IN THE INSTALLATION, AND SHOWING DIMENSION LOCATIONS OF CONCEALED EQUIPMENT.
- PRIOR TO DELIVERY OF ANY MATERIALS TO THE SITE, THE CONTRACTOR SHALL PROVIDE MATERIAL SAFETY DATA SHEETS FOR ALL ITEMS AND MATERIALS USED IN THE WORK.
- ALL EXISTING ABANDONED PIPING OR PIPING MADE ABANDONED BY WORK OF THIS PROJECT SHALL BE REMOVED FROM WITHIN THE PROJECT BOUNDARIES. CUT AND CAP PIPING BACK TO A POINT 6" BEYOND (OUTSIDE OF) THE PROJECT BOUNDARIES, UNLESS OTHERWISE NOTED ON THE DRAWINGS. PROVIDE CUTTING AND PATCHING OF ALL CEILINGS, FLOORS AND WALLS AS REQUIRED.
- BOUNDARY LINES SHOWN ON THE DRAWINGS DO NOT LIMIT THE SCOPE OF WORK FOR THE PROJECT. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK NOTED ON THE DRAWINGS.
- PRIOR TO ACCEPTANCE OF THE SPACE, ALL SYSTEMS SHALL BE TESTED, BALANCED, AND OPERATED TO DEMONSTRATE TO THE OWNER, OR HIS DESIGNATED REPRESENTATIVE, THAT THE INSTALLATION AND PERFORMANCE OF THESE SYSTEMS AND/OR PARTS THEREOF CONFORM TO THE DESIGN INTENT.
- ANY EQUIPMENT REQUIRING CEILING ACCESS SHALL ONLY BE PERMITTED/LOCATED IN ACCESSIBLE TYPE CEILING AREAS (I.E. LAY-IN TYPE CEILING) OR WHERE ACCESS PANELS HAVE BEEN LOCATED. REFER TO ARCHITECTURAL DRAWINGS
- 19. THE CONTRACTOR SHALL SECURE & PAY FOR ALL PERMITS. INSPECTION CERTIFICATES. ETC. REQUIRED UNDER THE PROJECT SCOPE.
- 20. THE CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS & DIMENSIONS PRIOR TO CONSTRUCTION, AND NOTIFY ENGINEER OF RECORD OF ANY DISCREPANCIES BETWEEN THE PLANS & EXISTING CONDITIONS AND/OR POTENTIAL PROBLEMS OBSERVED PRIOR TO CONTINUING WORK.
- 21. DO NOT SCALE THE PLANS, SEE ARCHITECTURAL PLANS FOR EXACT LOCATION OF DOORS, WINDOWS. FIXTURES, WALL DIMENSIONS, ETC.
- ALL EQUIPMENT SHALL BE HANDLED, STORED, & PROTECTED TO PREVENT DAMAGE BEFORE & DURING INSTALLATION IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
- ALL EQUIPMENT, ETC., SHALL BE SO LOCATED & INSTALLED IN A READILY ACCESSIBLE LOCATION SO AS TO PERMIT ACCESS FOR SERVICE WITHOUT DAMAGE TO BUILDING OR FINISHED MATERIALS, PER MANUFACTURER'S INSTRUCTIONS & APPLICABLE CODES.
- THE CONTRACTOR SHALL PROVIDE & INSTALL ACCESS DOORS FOR ACCESS TO EACH CONCEALED VALVE, PIECE OF EQUIPMENT, ETC.
- 25. ALL MATERIALS SHALL BE NEW & SHALL FIT THE SPACE AVAILABLE. VERIFY DIMENSIONS AT SITE.
- 26. ALL PIPING, APPARATUS, EQUIPMENT, ETC. SHALL BE PROPERLY SUPPORTED, BRACED VERTICALLY & HORIZONTALLY IN ACCORDANCE WITH APPLICABLE CODES & AS REQUIRED TO PREVENT EXCESSIVE MOVEMENT.
- THE CONTRACTOR SHALL VERIFY & CORRECT SYSTEMS AS REQUIRED, TO MEET ALL CODES & REGULATIONS. VERIFY AND CORRECT ANY/ALL POSSIBLE DISCREPANCIES BETWEEN TYPE & SIZE OF CONNECTIONS SPECIFIED IN THE EQUIPMENT SCHEDULES & EQUIPMENT ACTUALLY INSTALLED.
- THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING INSTALLATION OF ALL EQUIPMENT SHOWN ON PLANS, INCLUDING COORDINATION OF ANY EQUIPMENT OF ALTERNATE MANUFACTURER. CONTRACTOR SHALL PROVIDE COMPOSITE DRAWINGS AS REQUIRED FOR INSTALLATION OF EQUIPMENT SHOWN ON PLAN FOR APPROVAL BY ENGINEER.
- THE CONTRACTOR SHALL CORE DRILL (SAW CUT FOR DUCTWORK), OPENINGS THROUGH WALLS AND FLOORS FOR NEW DUCTWORK AND PIPING PENETRATIONS AS REQUIRED. CORE DRILLED OPENINGS SHALL BE SLEEVED AND SEALED WITH FIREPROOF MATERIAL. CONTRACTOR SHALL CORE DRILL 1/4" Ø PILOT HOLE PRIOR TO CORE DRILLING. CONTRACTOR SHALL TAKE PRECAUTIONS AS TO PROTECT AREA BENEATH CORE DRILL AREA. REPLACE ANY/ALL CEILING TILES THAT ARE REMOVED/DAMAGED DUE TO THIS WORK. CONTRACTOR SHALL CLEAN AREA AFTER INSTALLATION.

### GENERAL MECHANICAL NOTES

- 1. THE CONTRACTOR SHALL FURNISH & INSTALL A COMPLETE HVAC SUPPLY AND EXHAUST SYSTEM TO ALL NEW DIFFUSER LOCATIONS AS NOTED ON THE DRAWINGS. VERIFY ALL ROUGH-IN LOCATIONS. COORDINATE HVAC LOCATIONS WITH WORK UNDER OTHER DIVISIONS OF THE SPECIFICATIONS TO AVOID CONFLICTS.
- 2. THE CONTRACTOR SHALL INSTALL DUCTWORK SYSTEMS PER LATEST SMACNA MANUALS. DUCT WORK SYSTEMS SHALL BE GALVANIZED G90 SHEET STEEL RATED FOR A PRESSURE CLASS OF 2" WG.

#### **GENERAL PLUMBING NOTES**

- PROJECT IS LOCATED IN THE CITY OF PHILADELPHIA AND SHALL COMPLY WITH THE 2018 PHILADELPHIA PLUMBING CODE, AS ADOPTED OCTOBER 2019 AND PHILADELPHIA WATER DEPARTMENT REGULATIONS, WHERE A CONFLICT OCCURS BETWEEN THE REQUIREMENTS OF THE PERTINENT CODES AND STANDARDS, THE MOST STRINGENT
- THE CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS & DIMENSIONS PRIOR TO CONSTRUCTION, AND NOTIFY ENGINEER OF RECORD OF ANY DISCREPANCIES BETWEEN THE PLANS & EXISTING CONDITIONS AND/OR POTENTIAL PROBLEMS OBSERVED PRIOR TO CONTINUING WORK.
- THE CONTRACTOR SHALL FURNISH & INSTALL A COMPLETE PLUMBING SYSTEM FOR ALL FIXTURES AND/OR EQUIPMENT REQUIRING SUCH. VERIFY ALL ROUGH-IN LOCATIONS & COORDINATE PIPING LOCATIONS WITH WORK UNDER OTHER DIVISIONS OF THE SPECIFICATIONS TO AVOID CONFLICTS.
- 4. VALVES & FITTINGS SHALL BE OF THE SAME SIZE AS THE PIPING FOR WHICH THEY ARE INSTALLED, UNLESS OTHERWISE NOTED.
- STERILIZE DOMESTIC WATER PIPING IN ACCORDANCE WITH HEALTH DEPARTMENT REGULATIONS.
- COPPER PIPING SHALL BE PROTECTED AGAINST CONTACT WITH DISSIMILAR METALS ALL HANGARS, SUPPORTS, ANCHORS, & CLIPS SHALL BE COPPER OR COPPER PLATED. WHERE COPPER PIPING IS CARRIED ON IRON TRAPEZE HANGERS WITH OTHER PIPING, SATISFACTORY & PERMANENT ELECTROLYTIC ISOLATION MATERIAL SHALL PREVENT CONTACT WITH OTHER METALS.
- COPPER PIPING SHALL BE PROTECTED AGAINST CONTACT WITH ALL MASONRY. WHERE COPPER IS SLEEVED THROUGH MASONRY, COPPER OR RED BRASS SLEEVES SHALL BE USED. WHERE COPPER MUST BE CONCEALED IN OR AGAINST MASONRY PARTITIONS, CONTACT SHALL BE PREVENTED BY COATING THE COPPER HEAVILY WITH ASPHALTIC ENAMEL & 15# ASPHALT SATURATED FELT BETWEEN PIPE & MASONRY PARTITION.
- WATER PIPING SHALL NOT BE RUN IN AREAS SUBJECT TO FREEZING TEMPERATURES UNLESS OTHERWISE NOTED. WATER PIPING IN EXTERIOR WALLS SHALL BE RUN ON THE SIDE OF THE WALL INSULATION THAT BORDERS THE CONDITIONED SPACE.
- PROVIDE VACUUM BREAKERS, WATER HAMMER ARRESTERS AND ALL OTHER ACCESSORIES AS REQUIRED BY CODE.
- 10. ALL PIPING SHALL BE CONCEALED ABOVE CEILINGS, WITHIN WALLS, OR IN CHASES, EXCEPT FINAL CONNECTIONS TO FIXTURES, OR IN MECHANICAL ROOMS, UNLESS SPECIFICALLY NOTED OTHERWISE.
- 11. THE CONTRACTOR SHALL VERIFY EXACT INVERT ELEVATIONS OF EXISTING PIPING TO WHICH NEW PIPING IS TO BE CONNECTED BEFORE INSTALLATION OF NEW PIPING.
- 12. PROVIDE SLEEVES & FIRE STOP SEALANTS AT ALL PENETRATIONS OF PIPE THROUGH FIRE RATED FLOORS & WALLS AS REQUIRED. COMPLY WITH ASTM E-814 & UL 1479.
- 13. CONTRACTOR IS RESPONSIBLE FOR RECONNECTING SANITARY, CW & HW SUPPLY LINES TO ANY FIXTURE OR LINE OUTSIDE OF TOILET ROOM THAT IS AFFECTED BY DEMOLITION OF SANITARY, CW & HW SUPPLY LINES WITHIN OR PASSING THROUGH AREA OF TOILET ROOM.

#### **GENERAL FIRE PROTECTION NOTES**

- THIS PROJECT INVOLVES THE DEMOLITION OF EXISTING FIRE PROTECTION SPRINKLER HEADS AND PIPING WITHIN THE SCOPE OF WORK, CONTRACTOR SHALL PROVIDE FURNISHING, PERMITTING, INSTALLING AND TESTING OF NEW FIRE PROTECTION PIPING AND VALVES COMPLYING WITH NFPA 13.
- 2. THE PROJECT SHALL BE BASED ON A MIXED USE GROUP OCCUPANCY IN ACCORDANCE WITH THE FOLLOWING CODES, STANDARDS, TESTING LABORATORIES AND **UNDERWRITING AGENCY:**
- A. 2015 ICC, PER PA UNIFORM CONSTRUCTION CODE, AS OF OCTOBER 1, 2018. NFPA 13 STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS LATEST
- ADOPTED EDITION.
- NFPA 70, NATIONAL ELECTRIC CODE, LATEST EDITION
- ADA ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES, LATEST EDITION
- UL LISTED PRODUCTS
- F. FM GLOBAL APPROVED PRODUCTS MANUFACTURERS INSTALLATION INSTRUCTIONS
- H. PROJECT SPECIFICATIONS
- THE CONTRACTOR'S SCOPE OF WORK SHALL INCLUDE BUT NOT BE LIMITED TO THE PREPARATION AND SIMULTANEOUS SUBMISSION OF SEALED SHOP DRAWINGS ACCOMPANIED BY COMPLETE PRODUCT DATA. PARTIAL SUBMISSIONS WILL BE
- 4. THE CONTRACTOR SHALL SHOW ALL FINAL LOCATIONS ON THE SHOP DRAWINGS THAT ARE COORDINATED WITH THE OTHER TRADES, PRIOR TO SUBMISSION TO THE ARCHITECT FOR APPROVAL.
- PIPE SHALL BE STANDARD-WEIGHT SCHEDULE 40, ASTM A120/53 STEEL PIPE FOR WET-PIPE FIRE PROTECTION SYSTEMS. PIPING SHALL BE IN COMPLIANCE WITH NFPA 13.
- 6. SCHEDULE 10 PIPING IS NOT PERMITTED.
- 7. 2" PIPING AND SMALLER SHALL BE THREADED FITTINGS ONLY.
- 8. 2-1/2" PIPING AND LARGER SHALL BE THREADED OR MECHANICAL FITTINGS.
- PIPING COMPONENTS AND FITTINGS SHALL BE RATED FOR A MINIMUM 175 PSIG.
- 10. PIPING SHALL BE INSTALLED TIGHT TO SLABS, BEAMS, JOISTS, COLUMNS, WALLS, AND OTHER BUILDING ELEMENTS. INSTALL SLEEVES FOR PIPES PASSING THROUGH CONCRETE AND MASONRY WALLS, GYPSUM BOARD PARTITIONS, AND CONCRETE FLOOR
- 11. HANGARS AND SUPPORTS SHALL COMPLY WITH NFPA 13.
- 12. THE CONTRACTOR SHALL COMPLY WITH ALL REGULATIONS & LAWS OF AUTHORITIES HAVING JURISDICTION. HYDROSTATIC TESTS FOR ALL NEWLY INSTALLED PIPING AT NOT LESS THAN 200 PSI PRESSURE FOR TWO HOURS. ALL TESTING SHALL CONFORM TO

# GENERAL FIRE PROTECTION NOTES(CONT)

- FIRE PROTECTION PIPING SHALL HAVE LABELS, TAGS OR PIPE MARKERS ON EQUIPMENT AND PIPING IN ACCORDANCE WITH NFPA 13 AND PACKAGE SPECIFICATIONS.
- 14. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH ALL NEW AND EXISTING WORK, INCLUDING LIGHTS, GRIDS, HVAC EQUIPMENT ETC. NOTIFY ARCHITECT OF CEILING ELEMENT CONFLICTS PRIOR TO CONTINUING WORK. ROUTING OF ALL PIPING SHALL BE COORDINATED WITH THE STRUCTURE, ARCHITECTURAL FINISHES, AND EQUIPMENT OF OTHER TRADES.
- 15. THE CONTRACTOR SHALL PLUG ALL PIPE OUTLETS CAUSED BY THE RELOCATION/REMOVAL OF SPRINKLER PIPING.
- 16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL CEILING REPLACEMENT OR RECONSTRUCTION ASSOCIATED WITH THE FIRE PROTECTION SYSTEM SCOPE OF WORK.
- 17. THE CONTRACTOR SHALL PROVIDE DETAILED AS-BUILT DRAWINGS UPON COMPLETION OF WORK.
- THE CONTRACTOR SHALL DRAIN THE SYSTEM PRIOR TO DEMOLITION WORK AND RECHARGE THE SYSTEM UPON LEAVING FOR THE SCHEDULED WORK DAY.

**BALANCING VALVE** 

CHECK VALVE

SOLENOID VALVE

**T&P RELIEF VALVE** 

**FLANGED JOINT** 

TRANSITION

ELBOW UP, DOWN

TEE UP, DOWN

PIPE SLOPE

FLOOR DRAIN

**CLEAN OUT** 

FLOOR CLEAN OUT

WATER HAMMER ARRESTOR

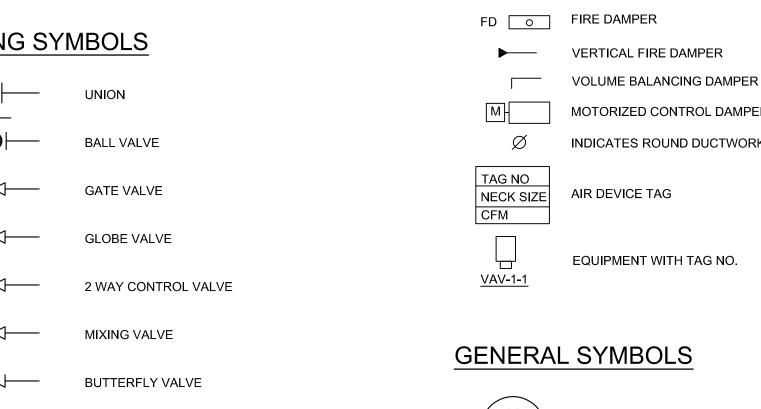
DIRECTION OF FLOW

ECCENTRIC REDUCER

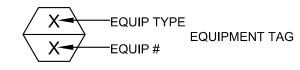
CONCENTRIC REDUCER

WATER HAMMER ARRESTOR

#### PLUMBING SYMBOLS









# PIPING LEGEND

 DOMESTIC COLD WATER
 DOMESTIC HOT WATER
 HOT WATER RETURN
 SANITARY (UNDERGROUND
 SANITARY ABOVE GROUND
 VENT
 DEMO PIPE

#### FIRE PROTECTION SYMBOLS



EXISTING CONCEALED SPRINKLER HEAD CONCEALED SPRINKLER HEAD

OVERALL PLUMBING FIXTURE NET CHANGE TOILET ROOMS											
	EXISTING FIXTURES			NE	W FIXTL	IRES	NET CHANGE				
DESCRIPTION	QTY	DFU	TOTAL DFU	QTY	DFU	TOTAL DFU	QTY	DFU			
WATER CLOSET	261	8	2088	257	8	2056	(-4)	-32			
URINAL	98	4	392	96	4	384	(-2)	-8			
LAVATORY	202	2	404	205	2	410	+3	6			
ELECTRIC WATER COOLER	8	1	8	8	1	8	0	0			
FLOOR DRAIN	0	3	0	20	3	60	+20	60			
		TOTAL	2892		TOTAL	2918	NET CHANGE	26			

#### **ABBREVIATIONS**

ABV ABOVE ARCHITECTURE AD ACCESS DOOR BALA CYNWYD, PA 19144 ADA AMERICAN WITH DISABILITIES ACT AFF ABOVE FINISH FLOOR AHJ AUTHORITIES HAVING JURISDICTION **MEP ENGINEERS:** 

ACCESS PANEL ASPE AMERICAN SOCIETY OF PLUMBING ENGINEERS

AWS AMERICAN WELDING SOCIETY BEL BELOW

EXISTING TO BE RELOCATED

EXISTING TO BE DISCONNECTED AND REMOVED

BFF BELOW FINISHED FLOOR CFM CUBIC FEET PER MINUTE CO CLEANOUT

CEILING SUPPLY DIFFUSER CW DOMESTIC COLD WATER MITERED ELBOW WITH TURNING VANES CWFU COLD WATER FIXTURE UNITS DF DRINKING FOUNTAIN

SQUARE OR RECTANGULAR DUCTWORK DFU DRAINAGE FIXTURE UNITS DIA DIAMETER

FLEXIBLE DUCT CONNECTION DIM DIMENSION DN DOWN FLEXIBLE DUCT EWC ELECTRIC WATER COOLER

EWH ELECTRIC WATER HEATER (E) EXISTING TO REMAIN EXHAUST FAN EG EXHAUST GRILL

FU FIXTURE UNITS MOTORIZED CONTROL DAMPER DOMESTIC HOT WATER HWFU HOT WATER FIXTURE UNITS INDICATES ROUND DUCTWORK HWR HOT WATER RETURN

IBC INTERNATIONAL BUILDING CODE INTERNATIONAL CODE COUNCIL ICC IMC INTERNATIONAL MECHANICAL CODE INCHES

IPC INTERNATIONAL PLUMBING CODE LAV LAVATORY EQUIPMENT WITH TAG NO. MOP RECEPTOR

(N)

(RE)

SAN

STD

TMV

TYP.

UON

UR

VS

NEW

NTS NOT TO SCALE

REMOVE

STACK

SANITARY

STANDARD

TYPICAL

URINA

VENT

SHOCK ABSORBER

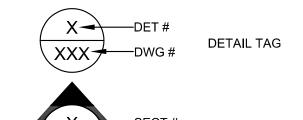
SUPPLY FIXTURE UNITS

TSFU TOTAL SUPPLY FIXTURE UNITS

THERMOSTATIC MIXING VALVE

AUTOMATIC TRAP PRIMER

UNLESS OTHERWISE NOTED



**DUCTWORK SYMBOLS** 

RECTANGULAR)

10"x10"

RECTANGULAR)

RETURN DUCT TURNING UP

RETURN DUCT TURNING DOWN

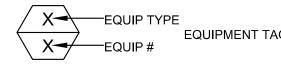
**EXHAUST DUCT TURNING DOWN** 

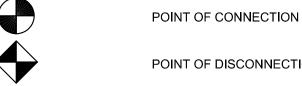
**EXHAUST DUCT TURNING UP** 

SUPPLY DUCT TURNING UP (ROUND OR

SUPPLY DUCT TURNING DOWN (ROUND OR

CEILING RETURN, EXHAUST OR TRANSFER





POINT OF DISCONNECTION

WC WATER CLOSET

VENT STACK

VTR VENT THROUGH ROOF V/Ø/HZ VOLT/PHASE/HZ

VACUUM BREAKER

WASTE W.O WITHOUT WITH

WCO WALL CLEANOUT WS WASTE STACK

REVISIONS:

Description

Date

· · · · · CONVERSE

WINKLER

**ARORA** 

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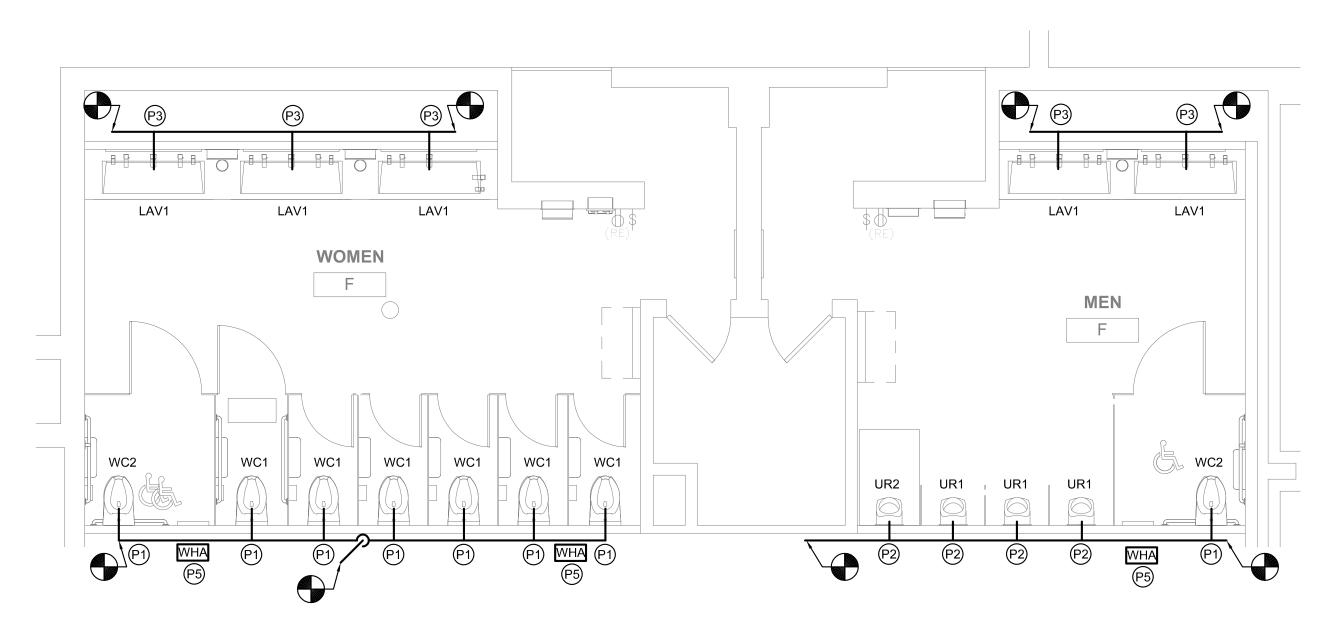
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**GENERAL** NOTES **ABBREVIATIONS** & LEGEND

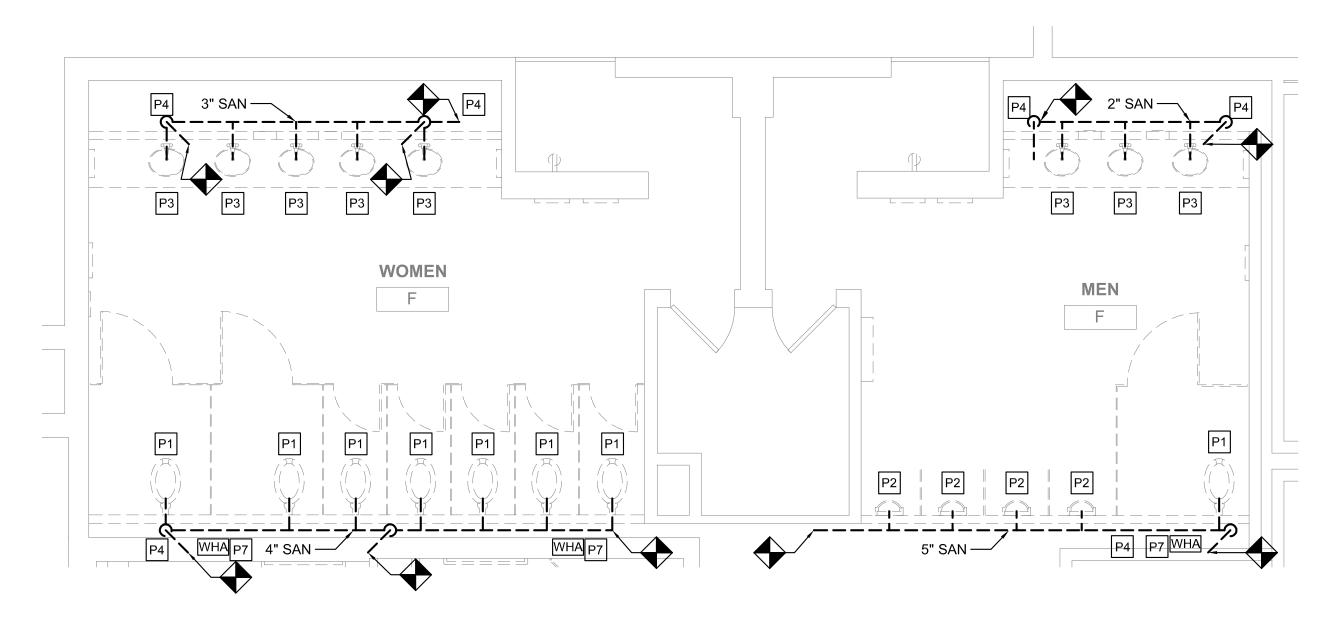
CW1615 Project number November 25, 2019 DG,WB Drawn by Checked by

NOT TO SCALE

PLUMBING FIXTURE QUANTITIES - F												
	EXIS	TING FIX	TURES	NE	W FIXTL	NET CHANGE						
DESCRIPTION	QTY	DFU	TOTAL DFU	QTY	DFU	TOTAL DFU	QTY	DFU				
WATER CLOSET	8	8	64	8	8	64	0	0				
URINAL	4	4	16	4	4	16	0	0				
LAVATORY	8	2	16	10	2	20	+2	+4				
ELECTRIC WATER COOLER	0	1	0	0	1	0	0	0				
		TOTAL	96		TOTAL	100	NET CHANGE	+4				



# FLOOR PLAN - MEN'S & WOMEN'S ROOM F M102 SCALE: 1/4" = 1'-0"



# DEMO PLAN - MEN'S & WOMEN'S ROOM F SCALE: 1/4" = 1'-0"

#### **GENERAL NOTES**

- 1. REFER TO DRAWING M001 FOR GENERAL NOTES, ABBREVIATIONS AND LEGENDS.
- 2. REFER TO DRAWING M200 FOR SCHEDULES AND DETAILS.
- 3. REFER TO DRAWING M800 SERIES FOR SANITARY AND VENT RISER DIAGRAMS.
- 4. PIPE SIZES AS NOTED ARE FROM HISTORICAL CONSTRUCTION DOCUMENTS DATED BETWEEN 1990 AND 1992. CONTRACTOR SHALL VERIFY ALL SIZES ARE AS SHOWN PRIOR TO START OF WORK. PROVIDE NEW, REPLACE OR MODIFY AS REQUIRED.
- 5. KEYED NOTES MAY NOT APPEAR IN ALL PLAN VIEWS.
- 6. WATER HAMMER ARRESTORS ARE SHOWN FOR APPROXIMATE LOCATION. CONTRACTOR SHALL FIELD COORDINATE FINAL PLACEMENT WITH CONNECTION OF NEW FIXTURES.
- 7. DOMESTIC COLD AND HOT WATER PIPE NOT SHOWN. SEE DOMESTIC WATER NEW WORK NOTES.
- 8. NEW INSULATION SHALL BE INSTALLED FOR ALL NEW DOMESTIC COLD WATER, HOT WATER AND HOT WATER RETURN PIPING.

#### DOMESTIC WATER NEW WORK:

- CONTRACTOR TO DEMOLISH ALL EXISTING CW & HW WATER SUPPLY PIPE EXPOSED BY INTERIOR DEMOLITION WITHIN THE TOILET ROOM. CUT EXISTING SUPPLY PIPE AT LIMIT OF TOILET ROOM PERIMETER WALLS AND CAP FOR NEW WORK CONNECTIONS.
- 2. CONTRACTOR TO PROVIDE NEW CW & HW SUPPLY PIPE. RECONNECT TO EXISTING INCOMING CW & HW SUPPLY PIPE CAPPED DURING DEMOLITION.
- CONTRACTOR TO PROVIDE NEW DOMESTIC 1/2" CW AND HW DOMESTIC WATER SUPPLY TO EACH LAVATORY (LAV) FIXTURE.
- 4. CONTRACTOR TO PROVIDE 1" CW DOMESTIC WATER SUPPLY TO EACH WATER CLOSET (WC) FIXTURE.
- 5. CONTRACTOR TO PROVIDE 3/4" CW DOMESTIC WATER SUPPLY
- TO EACH URINAL (UR) FIXTURE.
- 6. WHERE NEW FLOOR DRAINS ARE NOTED ON DRAWINGS, PROVIDE NEW 1/2" TRAP PRIMER CONNECTION.
- 7. CONTRACTOR TO PROVIDE WATER HAMMER ARRESTORS TO DOMESTIC WATER SUPPLY LINES PRIOR TO LAST FIXTURE IN SERIES AS INDICATED. SEE WATER HAMMER ARRESTOR SCHEDULE SHEET M-200.

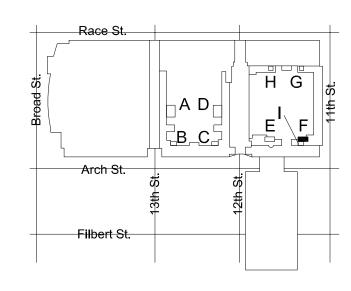
#### NEW WORK KEYED NOTES

- PROVIDE NEW WATER CLOSET AND ALL ACCESSORIES AS NOTED ON FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO, FLUSHOMETER, CARRIER, SHUT OFF VALVE, SEAT, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- PROVIDE NEW URINAL AND ALL ACCESSORIES AS NOTED ON FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO, FLUSHOMETER, CARRIER, SHUT OFF VALVE, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- PROVIDE NEW LAVATORY AND ALL ACCESSORIES AS NOTED ON FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO, FAUCETS, SOAP DISPENSERS, HAND DRYERS, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- PROVIDE NEW ELECTRIC WATER COOLER AND ALL ACCESSORIES AS NOTED ON THE FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO WATER COOLER, REFRIGERATION, FILTER, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWING FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- (P5) PROVIDE NEW WATER HAMMER ARRESTOR.
- PROVIDE FLOOR DRAIN AS NOTED WITH TRAP PRIMER PER CONVENTION CENTER STANDARDS. COORDINATE FINAL LOCATION WITH ARCHITECTURAL DRAWINGS.
- (P7) CONTRACTOR SHALL PROVIDE NEW SANITARY FITTINGS FROM NEW INSTALLED SANITARY AND VENT PIPE TO EXISTING PIPE.
- (P8) EXISTING WATER HEATER TO REMAIN. PROVIDE NEW SHUT OFF VALVE FOR NEW HOT WATER SERVICE.

# DEMOLITION KEYED NOTES

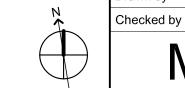
FIXTURE LOCATION AND CONNECTIONS.

- P1 REMOVE EXISTING WATER CLOSET, FLUSH VALVE, CARRIER, PIPING AND ACCESSORIES. REFER TO NEW WORK PLAN FOR NEW
- P2 REMOVE EXISTING URINAL, FLUSH VALVE, CARRIER, PIPING AND ACCESSORIES. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- P3 REMOVE EXISTING LAVATORY, FAUCET, PIPING AND ACCESSORIES. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- P4 REMOVE SANITARY PIPING IN CHASE TO ALLOW INSTALLATION OF NEW CARRIERS AND FIXTURES. EXISTING VENT PIPING MAY REMAIN. CONTRACTOR SHALL CONNECT FIXTURES TO EXISTING VENT PIPING TO MEET PHILADELPHIA PLUMBING CODE.
- P5 REMOVE EXISTING ELECTRIC WATER COOLER, PIPING AND ACCESSORIES, CUT AND CAP DOMESTIC COLD WATER PIPE. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- P6 REFER TO NOTE 1 OF DOMESTIC WATER NEW WORK FOR LIMIT OF DEMOLITION.
- P7 DEMOLISH EXISTING WATER HAMMER ARRESTER.
- P8 EXISTING WATER HEATER TO REMAIN. DEMOLISH HOT WATER PIPE BACK TO INSIDE OF JANITOR'S ROOM.



KEY PLAN - LEVEL 100

2' 4' 8'



NTS

: CONVERSE : WINKLER : ARCHITECTURE 331 MONTGOMERY AVE BALA CYNWYD, PA 19144

MEP ENGINEERS:



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REVISIONS:

No. Description Date

PENNSYLVANIA
ONVENTION CENTER
RESTROOM RENOVATIONS

DEMOLITION &
NEW FLOOR
PLANS - ROOM F
(EXHIBIT)

Project number CW1615

Date November 25, 2019

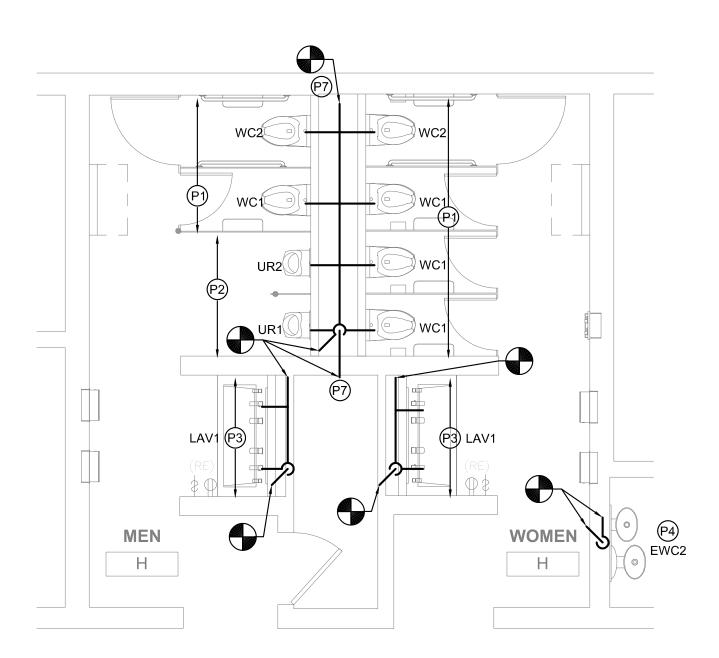
Drawn by DG

M102

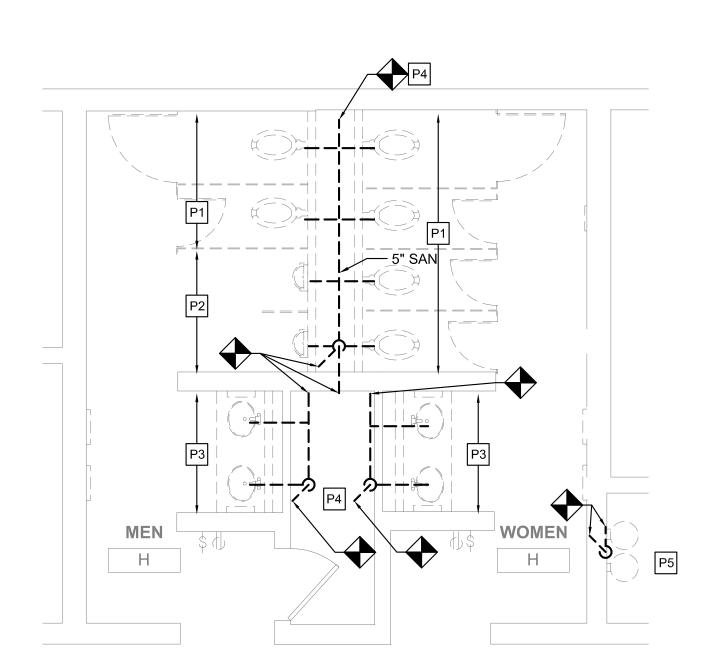
1/4" = 1'-0"

PLUMBING FIXTURE QUANTITIES - H											
EXISTING FIXTURES NEW FIXTURES NET CHANGE											
DESCRIPTION	QTY	OTY DEU TOTAL QTY DEU TOTAL QTY									
WATER CLOSET	6	8	48	6	8	48	0	0			
URINAL	2	4	8	2	4	8	0	0			
LAVATORY	4	2	8	4	2	8	0	0			
ELECTRIC WATER COOLER	1	1	1	1	1	1	0	0			
		TOTAL	65		TOTAL	65	NET CHANGE	0			

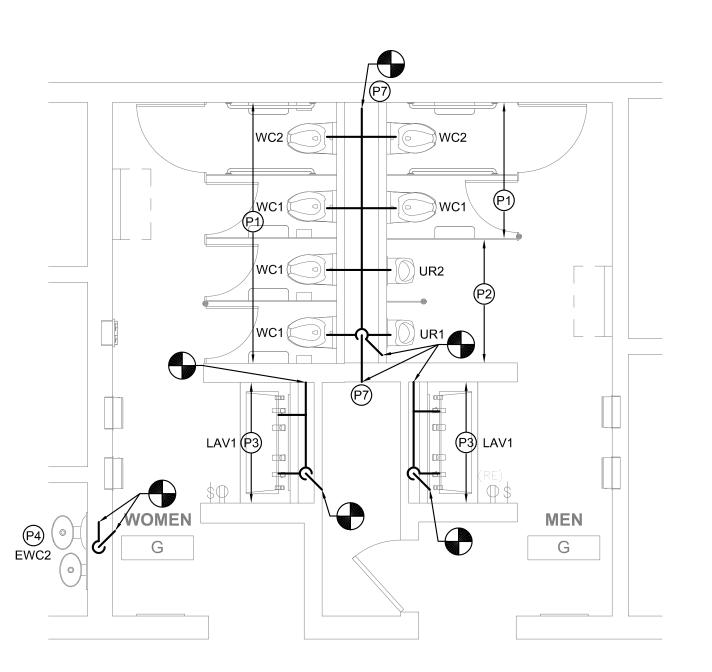
PLUMBING FIXTURE QUANTITIES - G											
EXISTING FIXTURES NEW FIXTURES NET CHANGE											
DESCRIPTION	QTY	QTY DFU TOTAL QTY DFU TOTAL QTY									
WATER CLOSET	6	8	48	6	8	48	0	0			
URINAL	2	4	8	2	4	8	0	0			
LAVATORY	4	2	8	4	2	8	0	0			
ELECTRIC WATER COOLER	1	1	1	1	1	1	0	0			
		TOTAL	65		TOTAL	65	NET CHANGE	0			



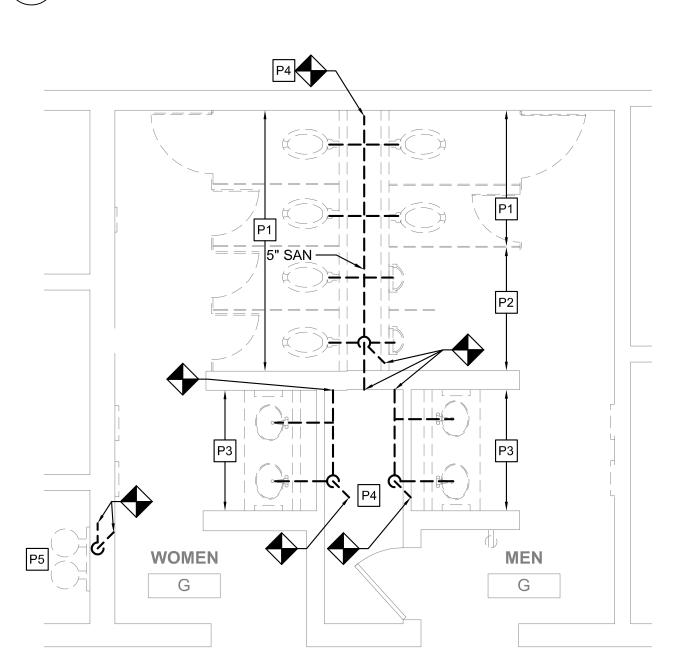
# FLOOR PLAN - MEN'S & WOMEN'S ROOM H



DEMO PLAN - MEN'S & WOMEN'S ROOM H
M103 SCALE: 1/4" = 1'-0"



## 3 FLOOR PLAN - MEN'S & WOMEN'S ROOM G M103 SCALE: 1/4" = 1'-0"



1 DEMO PLAN - MEN'S & WOMEN'S ROOM G
M103 SCALE: 1/4" = 1'-0"

#### GENERAL NOTES

- 1. REFER TO DRAWING M001 FOR GENERAL NOTES, ABBREVIATIONS AND LEGENDS.
- 2. REFER TO DRAWING M200 FOR SCHEDULES AND DETAILS.
- 3. REFER TO DRAWING M800 SERIES FOR SANITARY AND VENT RISER DIAGRAMS.
- 4. PIPE SIZES AS NOTED ARE FROM HISTORICAL CONSTRUCTION DOCUMENTS DATED BETWEEN 1990 AND 1992. CONTRACTOR SHALL VERIFY ALL SIZES ARE AS SHOWN PRIOR TO START OF WORK. PROVIDE NEW, REPLACE OR MODIFY AS REQUIRED.
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- 6. WATER HAMMER ARRESTORS ARE SHOWN FOR APPROXIMATE LOCATION. CONTRACTOR SHALL FIELD COORDINATE FINAL PLACEMENT WITH CONNECTION OF NEW FIXTURES.
- 7. DOMESTIC COLD AND HOT WATER PIPE NOT SHOWN. SEE DOMESTIC WATER NEW WORK NOTES.
- 8. NEW INSULATION SHALL BE INSTALLED FOR ALL NEW DOMESTIC COLD WATER, HOT WATER AND HOT WATER RETURN PIPING.

TYPICAL NEW WORK:

TYPICAL DEMO WORK:

**5** ELECTRIC WATER COOLER TYPICAL DETAIL

M103 SCALE: 1/2" = 1'-0"

#### DOMESTIC WATER NEW WORK:

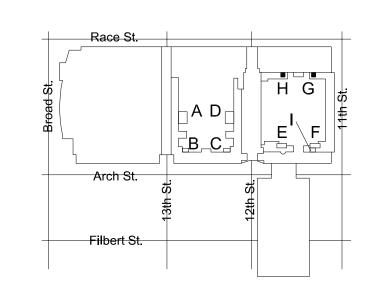
- CONTRACTOR TO DEMOLISH ALL EXISTING CW & HW WATER SUPPLY PIPE EXPOSED BY INTERIOR DEMOLITION WITHIN THE TOILET ROOM. CUT EXISTING SUPPLY PIPE AT LIMIT OF TOILET ROOM PERIMETER WALLS AND CAP FOR NEW WORK CONNECTIONS.
- 2. CONTRACTOR TO PROVIDE NEW CW & HW SUPPLY PIPE. RECONNECT TO EXISTING INCOMING CW & HW SUPPLY PIPE CAPPED DURING DEMOLITION.
- 3. CONTRACTOR TO PROVIDE NEW DOMESTIC 1/2" CW AND HW DOMESTIC WATER SUPPLY TO EACH LAVATORY (LAV) FIXTURE.
- 4. CONTRACTOR TO PROVIDE 1" CW DOMESTIC WATER SUPPLY TO EACH WATER CLOSET (WC) FIXTURE.
- 5. CONTRACTOR TO PROVIDE 3/4" CW DOMESTIC WATER SUPPLY TO EACH URINAL (UR) FIXTURE.
- 6. WHERE NEW FLOOR DRAINS ARE NOTED ON DRAWINGS,
- WHERE NEW FLOOR DRAINS ARE NOTED ON DRAWINGS, PROVIDE NEW 1/2" TRAP PRIMER CONNECTION.
- 7. CONTRACTOR TO PROVIDE WATER HAMMER ARRESTORS TO DOMESTIC WATER SUPPLY LINES PRIOR TO LAST FIXTURE IN SERIES AS INDICATED. SEE WATER HAMMER ARRESTOR SCHEDULE SHEET M-200.

#### **NEW WORK KEYED NOTES**

- PROVIDE NEW WATER CLOSET AND ALL ACCESSORIES AS NOTED ON FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO, FLUSHOMETER, CARRIER, SHUT OFF VALVE, SEAT, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
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- (P5) PROVIDE NEW WATER HAMMER ARRESTOR.
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- (P7) CONTRACTOR SHALL PROVIDE NEW SANITARY FITTINGS FROM NEW INSTALLED SANITARY AND VENT PIPE TO EXISTING PIPE.
- (P8) EXISTING WATER HEATER TO REMAIN. PROVIDE NEW SHUT OFF VALVE FOR NEW HOT WATER SERVICE.

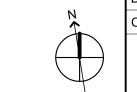
#### DEMOLITION KEYED NOTES

- P1 REMOVE EXISTING WATER CLOSET, FLUSH VALVE, CARRIER, PIPING AND ACCESSORIES. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- P2 REMOVE EXISTING URINAL, FLUSH VALVE, CARRIER, PIPING AND ACCESSORIES. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- P3 REMOVE EXISTING LAVATORY, FAUCET, PIPING AND ACCESSORIES. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- REMOVE SANITARY PIPING IN CHASE TO ALLOW INSTALLATION OF NEW CARRIERS AND FIXTURES. EXISTING VENT PIPING MAY REMAIN. CONTRACTOR SHALL CONNECT FIXTURES TO EXISTING VENT PIPING TO MEET PHILADELPHIA PLUMBING CODE.
- P5 REMOVE EXISTING ELECTRIC WATER COOLER, PIPING AND ACCESSORIES, CUT AND CAP DOMESTIC COLD WATER PIPE. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- P6 REFER TO NOTE 1 OF DOMESTIC WATER NEW WORK FOR LIMIT OF
- P7 DEMOLISH EXISTING WATER HAMMER ARRESTER.
- EXISTING WATER HEATER TO REMAIN. DEMOLISH HOT WATER PIPE BACK TO INSIDE OF JANITOR'S ROOM.



KEY PLAN - LEVEL 100





NTS

: CONVERSE : WINKLER : ARCHITECTURE 331 MONTGOMERY AVE BALA CYNWYD, PA 19144

MEP ENGINEERS:



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PHILADELPHIA, PA 19125

Ph: 215.427.8700 Fax: 215.427.8752

Contact: Wing Au e-mail: wau@csagroup.com



REVISIONS:

No. Description Date

PENNSYLVANIA
CONVENTION CENTER
RESTROOM RENOVATIONS

DEMOLITION &
NEW FLOOR
PLANS - ROOMS

PLANS - ROOMS
G, H (EXHIBIT)

Project number CW1615
Date November 25, 2019

Drawn by
Checked by

M103

Scale 1/4" = 1'-0"

F	PLUME	BING F	IXTURE	E QUA	NTITIE	:S - J		
EXISTING FIXTURES NEW FIXTURES NET CHANGE								
DESCRIPTION	QTY	DFU	TOTAL DFU	QTY	DFU	TOTAL DFU	QTY	DFU
WATER CLOSET	29	8	232	29	8	232	0	0
URINAL	9	4	36	9	4	36	0	0
LAVATORY	20	2	40	20	2	40	0	0
FLOOR DRAIN	0	0	0	2	3	6	+2	+6
ELECTRIC WATER COOLER	2	1	2	2	1	2	0	0
		TOTAL	310		TOTAL	316	NET CHANGE	+6

#### **GENERAL NOTES**

- 1. REFER TO DRAWING M001 FOR GENERAL NOTES, ABBREVIATIONS AND LEGENDS.
- 2. REFER TO DRAWING M200 FOR SCHEDULES AND DETAILS.
- 3. REFER TO DRAWING M800 SERIES FOR SANITARY AND VENT RISER DIAGRAMS.
- 4. PIPE SIZES AS NOTED ARE FROM HISTORICAL CONSTRUCTION DOCUMENTS DATED BETWEEN 1990 AND 1992. CONTRACTOR SHALL VERIFY ALL SIZES ARE AS SHOWN PRIOR TO START OF WORK. PROVIDE NEW, REPLACE OR MODIFY AS REQUIRED.
- 5. KEYED NOTES MAY NOT APPEAR IN ALL PLAN VIEWS.
- 6. WATER HAMMER ARRESTORS ARE SHOWN FOR APPROXIMATE LOCATION. CONTRACTOR SHALL FIELD COORDINATE FINAL PLACEMENT WITH CONNECTION OF NEW FIXTURES.
- 7. DOMESTIC COLD AND HOT WATER PIPE NOT SHOWN. SEE DOMESTIC WATER NEW WORK NOTES.
- 8. NEW INSULATION SHALL BE INSTALLED FOR ALL NEW DOMESTIC COLD WATER, HOT WATER AND HOT WATER RETURN PIPING.

WOMEN

J

LAV1

#### DOMESTIC WATER NEW WORK:

- 1. CONTRACTOR TO DEMOLISH ALL EXISTING CW & HW WATER SUPPLY PIPE EXPOSED BY INTERIOR DEMOLITION WITHIN THE TOILET ROOM. CUT EXISTING SUPPLY PIPE AT LIMIT OF TOILET ROOM PERIMETER WALLS AND CAP FOR NEW WORK CONNECTIONS.
- 2. CONTRACTOR TO PROVIDE NEW CW & HW SUPPLY PIPE. RECONNECT TO EXISTING INCOMING CW & HW SUPPLY PIPE CAPPED DURING DEMOLITION.
- 3. CONTRACTOR TO PROVIDE NEW DOMESTIC 1/2" CW AND HW DOMESTIC WATER SUPPLY TO EACH LAVATORY (LAV) FIXTURE.
- 4. CONTRACTOR TO PROVIDE 1" CW DOMESTIC WATER SUPPLY TO EACH WATER CLOSET (WC) FIXTURE.
- 5. CONTRACTOR TO PROVIDE 3/4" CW DOMESTIC WATER SUPPLY TO EACH URINAL (UR) FIXTURE.
- 6. WHERE NEW FLOOR DRAINS ARE NOTED ON DRAWINGS, PROVIDE NEW 1/2" TRAP PRIMER CONNECTION.
- 7. CONTRACTOR TO PROVIDE WATER HAMMER ARRESTORS TO DOMESTIC WATER SUPPLY LINES PRIOR TO LAST FIXTURE IN SERIES AS INDICATED. SEE WATER HAMMER ARRESTOR SCHEDULE SHEET M-200.

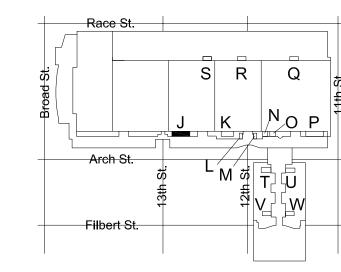
#### NEW WORK KEYED NOTES

- (P1) PROVIDE NEW WATER CLOSET AND ALL ACCESSORIES AS NOTED ON FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO, FLUSHOMETER, CARRIER, SHUT OFF VALVE, SEAT, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- PROVIDE NEW URINAL AND ALL ACCESSORIES AS NOTED ON FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO, FLUSHOMETER, CARRIER, SHUT OFF VALVE, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- PROVIDE NEW LAVATORY AND ALL ACCESSORIES AS NOTED ON FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO, FAUCETS, SOAP DISPENSERS, HAND DRYERS, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- (P4) PROVIDE NEW ELECTRIC WATER COOLER AND ALL ACCESSORIES AS NOTED ON THE FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO WATER COOLER, REFRIGERATION, FILTER, DOMESTIC WATER, SANITARY AND VENT PIPING, REFER TO ARCHITECTURAL DRAWING FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- (P5) PROVIDE NEW WATER HAMMER ARRESTOR.
- P6 PROVIDE FLOOR DRAIN AS NOTED WITH TRAP PRIMER PER CONVENTION CENTER STANDARDS. COORDINATE FINAL LOCATION WITH ARCHITECTURAL DRAWINGS.
- (P7) CONTRACTOR SHALL PROVIDE NEW SANITARY FITTINGS FROM NEW INSTALLED SANITARY AND VENT PIPE TO EXISTING PIPE.
- (P8) EXISTING WATER HEATER TO REMAIN. PROVIDE NEW SHUT OFF VALVE FOR NEW HOT WATER SERVICE.

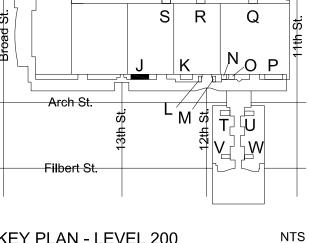
## **DEMOLITION KEYED NOTES**

FIXTURE LOCATION AND CONNECTIONS.

- REMOVE EXISTING WATER CLOSET, FLUSH VALVE, CARRIER, PIPING AND ACCESSORIES. REFER TO NEW WORK PLAN FOR NEW
- P2 REMOVE EXISTING URINAL, FLUSH VALVE, CARRIER, PIPING AND ACCESSORIES. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- P3 REMOVE EXISTING LAVATORY, FAUCET, PIPING AND ACCESSORIES. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- P4 REMOVE SANITARY PIPING IN CHASE TO ALLOW INSTALLATION OF NEW CARRIERS AND FIXTURES. EXISTING VENT PIPING MAY REMAIN. CONTRACTOR SHALL CONNECT FIXTURES TO EXISTING VENT PIPING TO MEET PHILADELPHIA PLUMBING CODE.
- REMOVE EXISTING ELECTRIC WATER COOLER, PIPING AND ACCESSORIES, CUT AND CAP DOMESTIC COLD WATER PIPE. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- P6 REFER TO NOTE 1 OF DOMESTIC WATER NEW WORK FOR LIMIT OF
- P7 DEMOLISH EXISTING WATER HAMMER ARRESTER.
- EXISTING WATER HEATER TO REMAIN. DEMOLISH HOT WATER PIPE BACK TO INSIDE OF JANITOR'S ROOM.



KEY PLAN - LEVEL 200





**MEP ENGINEERS:** 



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Contact: Kevin Sultanik e-mail: ksultanik@aroraengineers.com

STRUCTURAL ENGINEERS: CSA GROUP 1341 NORTH DELAWARE AVENUE, SUITE 507

PHILADELPHIA, PA 19125

Ph: 215.427.8700 Fax: 215.427.8752

Contact: Wing Au e-mail: wau@csagroup.com



REVISIONS: Description Date

NIA ENTER A O PENNSYLV,

**DEMOLITION & NEW FLOOR** PLANS - ROOM J (EXHIBIT)

CW1615 Project number November 25, 2019 Drawn by Checked by

1/4" = 1'-0"

#### DEMO PLAN - MEN'S & WOMEN'S ROOM J M104 SCALE: 1/4" = 1'-0"

5" SAN —

LAV1

LAV1

LAV1

FLOOR PLAN - MEN'S & WOMEN'S ROOM J

J

M104 SCALE: 1/4" = 1'-0" P5 4" SAN — 5" SAN — DOWN P2 P2 P2 P2 3" SAN — P4 P3 WOMEN P3 WHA P7 P3 P3 J

(E) 8" SAN

1-1/2" CW

DOWN —

EWC2 (P4)

UR3(

WC1

WC1

P1

WC1

WC1

WC1

WC1

WC1

WC1

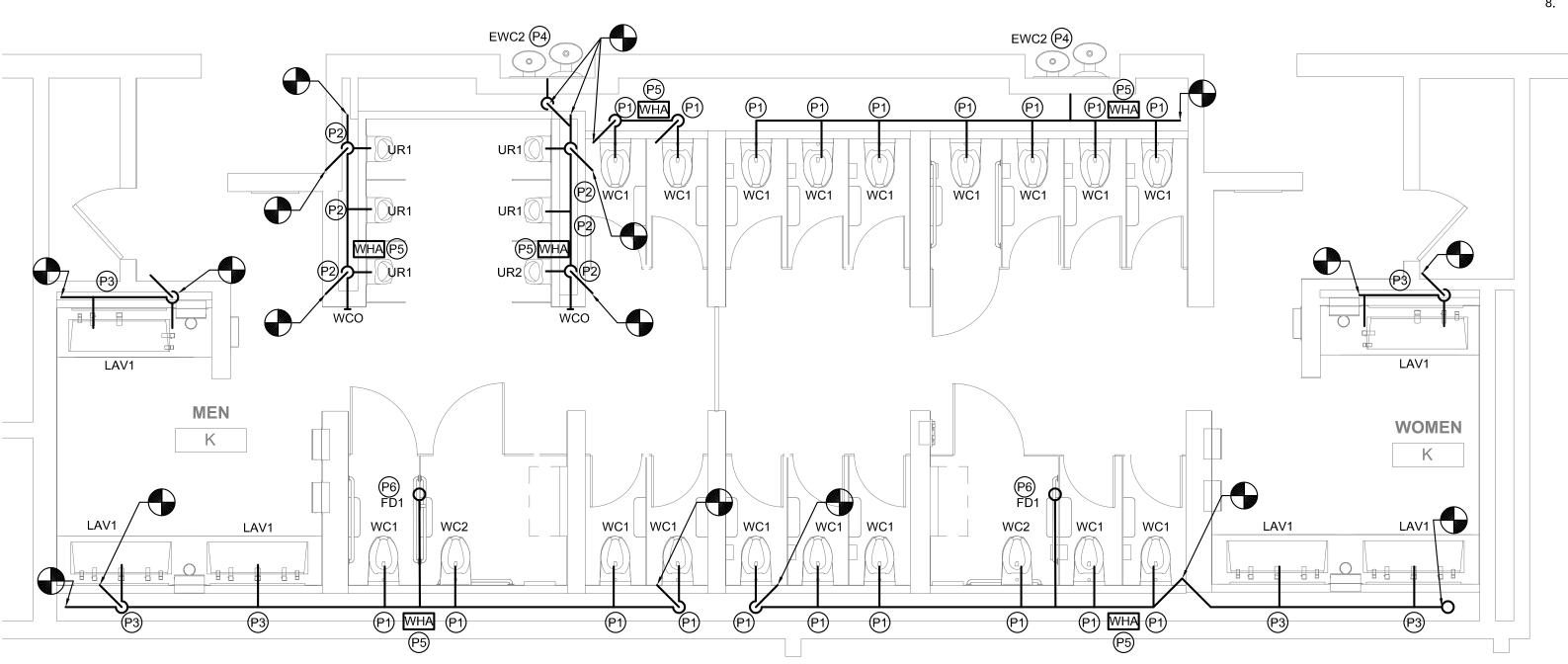
WC1

∖ WC1

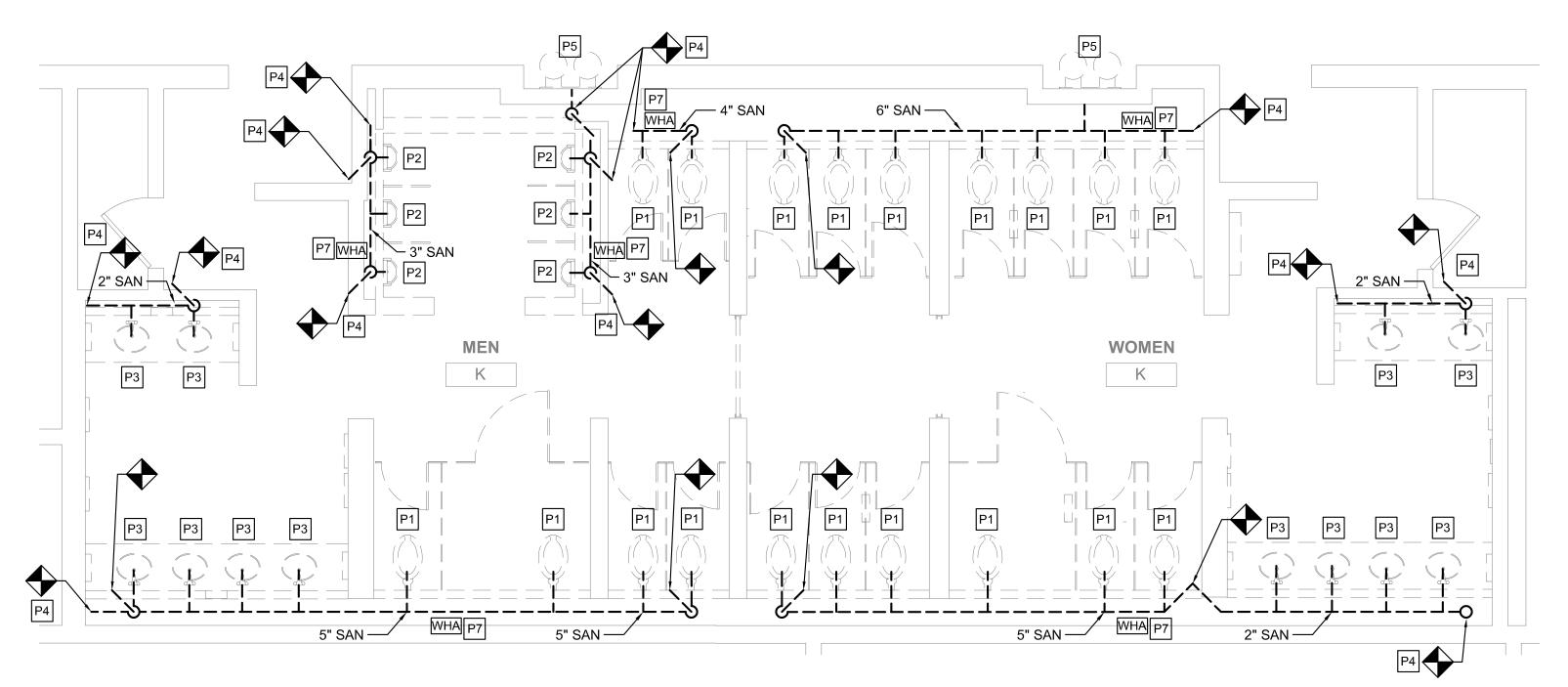
) **WHA** (P1)

6" SAN —

PLUMBING FIXTURE QUANTITIES - K											
EXISTING FIXTURES NEW FIXTURES NET CHANGE											
DESCRIPTION	QTY	DFU	TOTAL DFU	QTY	DFU	TOTAL DFU	QTY	DFU			
WATER CLOSET	19	8	152	19	8	152	0	0			
URINAL	6	4	24	6	4	24	0	0			
LAVATORY	12	2	24	12	2	24	0	0			
FLOOR DRAIN	0	0	0	2	3	6	+2	+6			
ELECTRIC WATER COOLER	2	1	2	2	1	2	0	0			
		TOTAL	202		TOTAL	208	NET CHANGE	+6			



FLOOR PLAN - MEN'S & WOMEN'S ROOM K M105/ SCALE: 1/4" = 1'-0"



DEMO PLAN - MEN'S & WOMEN'S ROOM K M105 SCALE: 1/4" = 1'-0"

#### **GENERAL NOTES**

- REFER TO DRAWING M001 FOR GENERAL NOTES, ABBREVIATIONS AND LEGENDS.
- 2. REFER TO DRAWING M200 FOR SCHEDULES AND DETAILS.
- 3. REFER TO DRAWING M800 SERIES FOR SANITARY AND VENT RISER DIAGRAMS.
- 4. PIPE SIZES AS NOTED ARE FROM HISTORICAL CONSTRUCTION DOCUMENTS DATED BETWEEN 1990 AND 1992. CONTRACTOR SHALL VERIFY ALL SIZES ARE AS SHOWN PRIOR TO START OF WORK. PROVIDE NEW, REPLACE OR MODIFY AS REQUIRED.
- 5. KEYED NOTES MAY NOT APPEAR IN ALL PLAN VIEWS.
- 6. WATER HAMMER ARRESTORS ARE SHOWN FOR APPROXIMATE LOCATION. CONTRACTOR SHALL FIELD COORDINATE FINAL PLACEMENT WITH CONNECTION OF NEW FIXTURES.
- 7. DOMESTIC COLD AND HOT WATER PIPE NOT SHOWN. SEE DOMESTIC WATER NEW WORK NOTES.
- 8. NEW INSULATION SHALL BE INSTALLED FOR ALL NEW DOMESTIC COLD WATER, HOT WATER AND HOT WATER RETURN PIPING.

#### DOMESTIC WATER NEW WORK:

- 1. CONTRACTOR TO DEMOLISH ALL EXISTING CW & HW WATER SUPPLY PIPE EXPOSED BY INTERIOR DEMOLITION WITHIN THE TOILET ROOM. CUT EXISTING SUPPLY PIPE AT LIMIT OF TOILET ROOM PERIMETER WALLS AND CAP FOR NEW WORK
- 2. CONTRACTOR TO PROVIDE NEW CW & HW SUPPLY PIPE. RECONNECT TO EXISTING INCOMING CW & HW SUPPLY PIPE CAPPED DURING DEMOLITION.
- 3. CONTRACTOR TO PROVIDE NEW DOMESTIC 1/2" CW AND HW DOMESTIC WATER SUPPLY TO EACH LAVATORY (LAV) FIXTURE.
- 4. CONTRACTOR TO PROVIDE 1" CW DOMESTIC WATER SUPPLY TO EACH WATER CLOSET (WC) FIXTURE.
- 5. CONTRACTOR TO PROVIDE 3/4" CW DOMESTIC WATER SUPPLY TO EACH URINAL (UR) FIXTURE.
- 6. WHERE NEW FLOOR DRAINS ARE NOTED ON DRAWINGS,
- PROVIDE NEW 1/2" TRAP PRIMER CONNECTION.
- 7. CONTRACTOR TO PROVIDE WATER HAMMER ARRESTORS TO DOMESTIC WATER SUPPLY LINES PRIOR TO LAST FIXTURE IN SERIES AS INDICATED. SEE WATER HAMMER ARRESTOR SCHEDULE SHEET M-200.

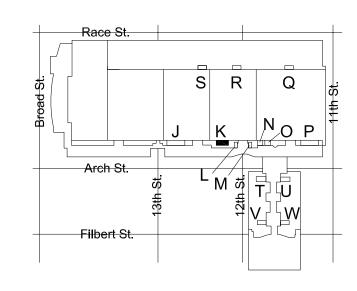
#### NEW WORK KEYED NOTES

- (P1) PROVIDE NEW WATER CLOSET AND ALL ACCESSORIES AS NOTED ON FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO, FLUSHOMETER, CARRIER, SHUT OFF VALVE, SEAT, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- (P2) PROVIDE NEW URINAL AND ALL ACCESSORIES AS NOTED ON FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO, FLUSHOMETER, CARRIER, SHUT OFF VALVE, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- (P3) PROVIDE NEW LAVATORY AND ALL ACCESSORIES AS NOTED ON FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO, FAUCETS, SOAP DISPENSERS, HAND DRYERS, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- (P4) PROVIDE NEW ELECTRIC WATER COOLER AND ALL ACCESSORIES AS NOTED ON THE FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO WATER COOLER, REFRIGERATION, FILTER, DOMESTIC WATER. SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWING FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- (P5) PROVIDE NEW WATER HAMMER ARRESTOR.
- P6 PROVIDE FLOOR DRAIN AS NOTED WITH TRAP PRIMER PER CONVENTION CENTER STANDARDS. COORDINATE FINAL LOCATION WITH ARCHITECTURAL DRAWINGS.
- (P7) CONTRACTOR SHALL PROVIDE NEW SANITARY FITTINGS FROM NEW INSTALLED SANITARY AND VENT PIPE TO EXISTING PIPE.
- (P8) EXISTING WATER HEATER TO REMAIN. PROVIDE NEW SHUT OFF VALVE FOR NEW HOT WATER SERVICE.

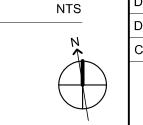
#### **DEMOLITION KEYED NOTES**

FIXTURE LOCATION AND CONNECTIONS.

- P1 REMOVE EXISTING WATER CLOSET, FLUSH VALVE, CARRIER, PIPING AND ACCESSORIES. REFER TO NEW WORK PLAN FOR NEW
- P2 REMOVE EXISTING URINAL, FLUSH VALVE, CARRIER, PIPING AND ACCESSORIES. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- P3 REMOVE EXISTING LAVATORY, FAUCET, PIPING AND ACCESSORIES. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- P4 REMOVE SANITARY PIPING IN CHASE TO ALLOW INSTALLATION OF NEW CARRIERS AND FIXTURES. EXISTING VENT PIPING MAY REMAIN. CONTRACTOR SHALL CONNECT FIXTURES TO EXISTING VENT PIPING TO MEET PHILADELPHIA PLUMBING CODE.
- P5 REMOVE EXISTING ELECTRIC WATER COOLER, PIPING AND ACCESSORIES, CUT AND CAP DOMESTIC COLD WATER PIPE. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- P6 REFER TO NOTE 1 OF DOMESTIC WATER NEW WORK FOR LIMIT OF
- P7 DEMOLISH EXISTING WATER HAMMER ARRESTER.
- P8 EXISTING WATER HEATER TO REMAIN. DEMOLISH HOT WATER PIPE BACK TO INSIDE OF JANITOR'S ROOM.



KEY PLAN - LEVEL 200



· · · · · CONVERSE **WINKLER** • ARCHITECTURE 331 MONTGOMERY AVE BALA CYNWYD, PA 19144

**MEP ENGINEERS:** 



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Fax: 215.427.8752

Contact: Wing Au e-mail: wau@csagroup.com



REVISIONS: Description Date

> NIA ENTER PENNSYLV

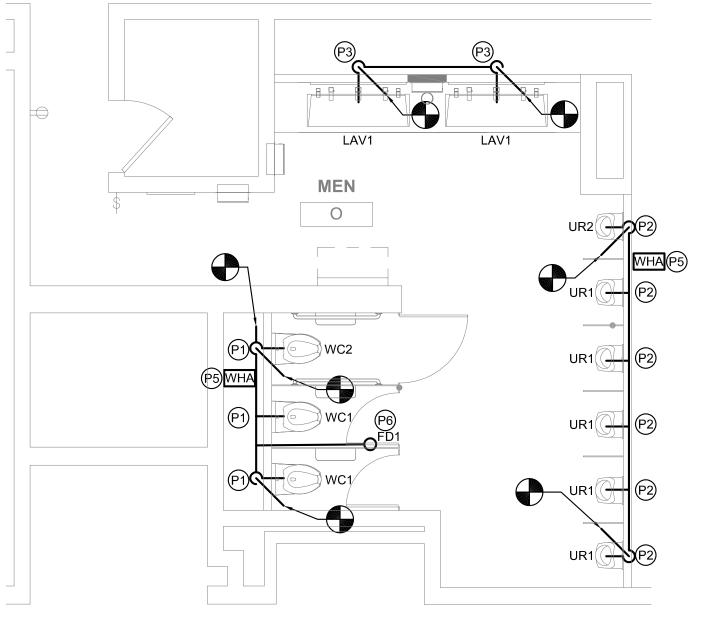
**DEMOLITION & NEW FLOOR** PLANS - ROOM K (EXHIBIT)

CW1615 Project number November 25, 2019 Drawn by Checked by

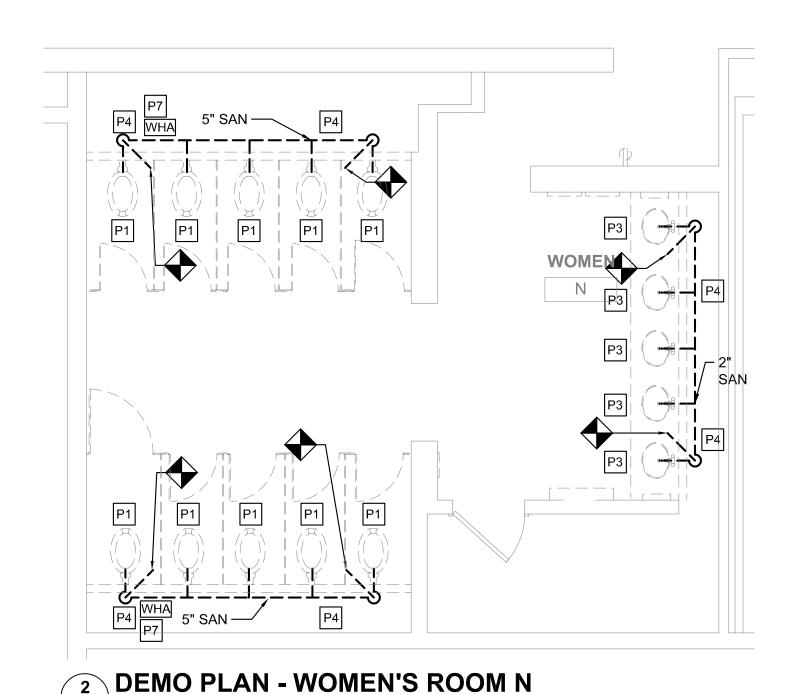
PLUMBING FIXTURE QUANTITIES - N											
EXISTING FIXTURES NEW FIXTURES NET CHANGE											
DESCRIPTION	QTY	DFU	TOTAL DFU	QTY	DFU	TOTAL DFU	QTY	DFU			
WATER CLOSET	10	8	80	10	8	80	0	0			
URINAL	0	0	0	0	0	0	0	0			
LAVATORY	5	2	10	4	2	8	-1	-2			
FLOOR DRAIN	0	0	0	1	3	3	+1	+3			
ELECTRIC WATER COOLER	0	0	0	0	0	0	0	0			
		TOTAL	90		TOTAL	91	NET CHANGE	+1			

PLUMBING FIXTURE QUANTITIES - O											
EXISTING FIXTURES NEW FIXTURES NET CHANGE											
DESCRIPTION	QTY	DFU	TOTAL DFU	QTY	DFU	TOTAL DFU	QTY	DFU			
WATER CLOSET	3	8	24	3	8	24	0	0			
URINAL	6	4	24	6	4	24	0	0			
LAVATORY	5	2	10	4	2	8	-1	-2			
FLOOR DRAIN	0	0	0	1	3	3	+1	+3			
ELECTRIC WATER COOLER	0	0	0	0	0	0	0	0			
TOTAL 58 TOTAL 59 NET +1											

P1 WHA P1 P1 P1 P1 WC1 WC1 WC1	LAV1 P3
	WOMEN N LAV1
P6 FD1 WC1 WC1 WC1 WC1 P1 P1 P1 P1	



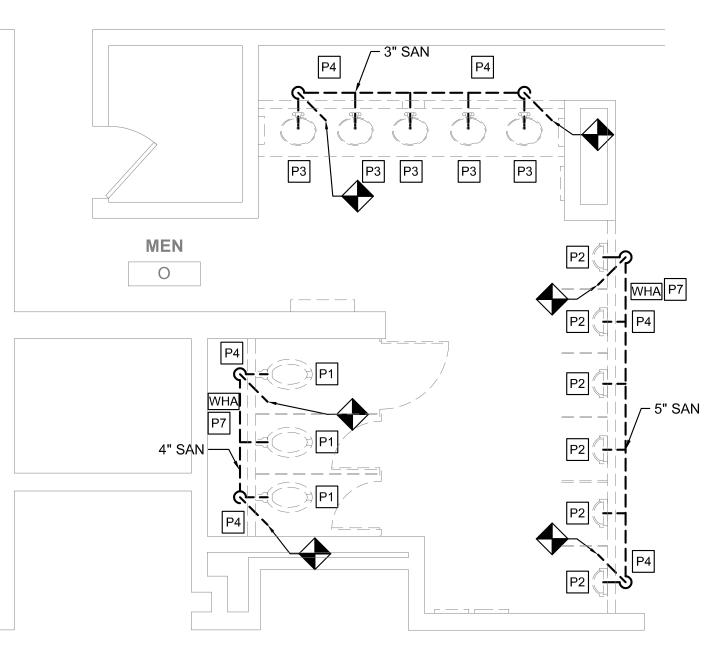
3 FLOOR PLAN - MEN'S ROOM O
SCALE: 1/4" = 1'-0"



**4** FLOOR PLAN - WOMEN'S ROOM N

M106 SCALE: 1/4" = 1'-0"

M106 SCALE: 1/4" = 1'-0"



1 DEMO PLAN - MEN'S ROOM O
M106 SCALE: 1/4" = 1'-0"

#### **GENERAL NOTES**

- 1. REFER TO DRAWING M001 FOR GENERAL NOTES, ABBREVIATIONS AND LEGENDS.
- 2. REFER TO DRAWING M200 FOR SCHEDULES AND DETAILS.
- 3. REFER TO DRAWING M800 SERIES FOR SANITARY AND VENT RISER DIAGRAMS.
- 4. PIPE SIZES AS NOTED ARE FROM HISTORICAL CONSTRUCTION DOCUMENTS DATED BETWEEN 1990 AND 1992. CONTRACTOR SHALL VERIFY ALL SIZES ARE AS SHOWN PRIOR TO START OF WORK. PROVIDE NEW, REPLACE OR MODIFY AS REQUIRED.
- 5. KEYED NOTES MAY NOT APPEAR IN ALL PLAN VIEWS.
- 6. WATER HAMMER ARRESTORS ARE SHOWN FOR APPROXIMATE LOCATION. CONTRACTOR SHALL FIELD COORDINATE FINAL PLACEMENT WITH CONNECTION OF NEW FIXTURES.
- 7. DOMESTIC COLD AND HOT WATER PIPE NOT SHOWN. SEE DOMESTIC WATER NEW WORK NOTES.
- 8. NEW INSULATION SHALL BE INSTALLED FOR ALL NEW DOMESTIC COLD WATER, HOT WATER AND HOT WATER RETURN PIPING.

#### DOMESTIC WATER NEW WORK:

- CONTRACTOR TO DEMOLISH ALL EXISTING CW & HW WATER SUPPLY PIPE EXPOSED BY INTERIOR DEMOLITION WITHIN THE TOILET ROOM. CUT EXISTING SUPPLY PIPE AT LIMIT OF TOILET ROOM PERIMETER WALLS AND CAP FOR NEW WORK CONNECTIONS.
- CONTRACTOR TO PROVIDE NEW CW & HW SUPPLY PIPE.
   RECONNECT TO EXISTING INCOMING CW & HW SUPPLY PIPE CAPPED DURING DEMOLITION.
- 3. CONTRACTOR TO PROVIDE NEW DOMESTIC 1/2" CW AND HW DOMESTIC WATER SUPPLY TO EACH LAVATORY (LAV) FIXTURE.
- 4. CONTRACTOR TO PROVIDE 1" CW DOMESTIC WATER SUPPLY TO EACH WATER CLOSET (WC) FIXTURE.
- 5. CONTRACTOR TO PROVIDE 3/4" CW DOMESTIC WATER SUPPLY TO EACH URINAL (UR) FIXTURE.
- AND EACH ON THE CORPORATION.
- 6. WHERE NEW FLOOR DRAINS ARE NOTED ON DRAWINGS, PROVIDE NEW 1/2" TRAP PRIMER CONNECTION.
- 7. CONTRACTOR TO PROVIDE WATER HAMMER ARRESTORS TO DOMESTIC WATER SUPPLY LINES PRIOR TO LAST FIXTURE IN SERIES AS INDICATED. SEE WATER HAMMER ARRESTOR SCHEDULE SHEET M-200.

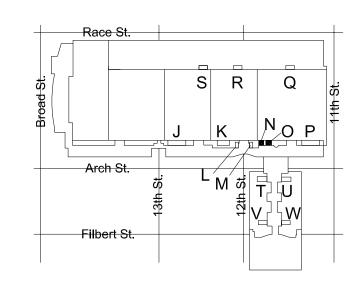
#### NEW WORK KEYED NOTES

- PROVIDE NEW WATER CLOSET AND ALL ACCESSORIES AS NOTED ON FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO, FLUSHOMETER, CARRIER, SHUT OFF VALVE, SEAT, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- PROVIDE NEW URINAL AND ALL ACCESSORIES AS NOTED ON FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO, FLUSHOMETER, CARRIER, SHUT OFF VALVE, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- PROVIDE NEW LAVATORY AND ALL ACCESSORIES AS NOTED ON FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO, FAUCETS, SOAP DISPENSERS, HAND DRYERS, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- PROVIDE NEW ELECTRIC WATER COOLER AND ALL ACCESSORIES AS NOTED ON THE FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO WATER COOLER, REFRIGERATION, FILTER, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWING FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- (P5) PROVIDE NEW WATER HAMMER ARRESTOR.
- PROVIDE FLOOR DRAIN AS NOTED WITH TRAP PRIMER PER CONVENTION CENTER STANDARDS. COORDINATE FINAL LOCATION WITH ARCHITECTURAL DRAWINGS.
- (P7) CONTRACTOR SHALL PROVIDE NEW SANITARY FITTINGS FROM NEW INSTALLED SANITARY AND VENT PIPE TO EXISTING PIPE.
- (P8) EXISTING WATER HEATER TO REMAIN. PROVIDE NEW SHUT OFF VALVE FOR NEW HOT WATER SERVICE.

## DEMOLITION KEYED NOTES

FIXTURE LOCATION AND CONNECTIONS.

- P1 REMOVE EXISTING WATER CLOSET, FLUSH VALVE, CARRIER, PIPING AND ACCESSORIES. REFER TO NEW WORK PLAN FOR NEW
- P2 REMOVE EXISTING URINAL, FLUSH VALVE, CARRIER, PIPING AND ACCESSORIES. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- P3 REMOVE EXISTING LAVATORY, FAUCET, PIPING AND ACCESSORIES. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- REMOVE SANITARY PIPING IN CHASE TO ALLOW INSTALLATION OF NEW CARRIERS AND FIXTURES. EXISTING VENT PIPING MAY REMAIN. CONTRACTOR SHALL CONNECT FIXTURES TO EXISTING VENT PIPING TO MEET PHILADELPHIA PLUMBING CODE.
- P5 REMOVE EXISTING ELECTRIC WATER COOLER, PIPING AND ACCESSORIES, CUT AND CAP DOMESTIC COLD WATER PIPE. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- P6 REFER TO NOTE 1 OF DOMESTIC WATER NEW WORK FOR LIMIT OF DEMOLITION.
- P7 DEMOLISH EXISTING WATER HAMMER ARRESTER.
- P8 EXISTING WATER HEATER TO REMAIN. DEMOLISH HOT WATER PIPE BACK TO INSIDE OF JANITOR'S ROOM.



KEY PLAN - LEVEL 200

0 2' 4' 8'



MEP ENGINEERS:



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e-mail: ksultanik@aroraengineers.com

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1341 NORTH DELAWARE AVENUE,
SUITE 507

PHILADELPHIA, PA 19125

Ph: 215.427.8700 Fax: 215.427.8752

Contact: Wing Au e-mail: wau@csagroup.com



REVISIONS:

No. Description Date

PENNSYLVANIA
ONVENTION CENTER
RESTROOM RENOVATIONS

DEMOLITION &
NEW FLOOR
PLANS - ROOMS
N, O (EXHIBIT)

Project number CW1615

Date November 25, 2019

Drawn by DG

Checked by DM

NTS

M106

PLUMBING FIXTURE QUANTITIES - P											
EXISTING FIXTURES NEW FIXTURES NET CHANGE											
DESCRIPTION	QTY	DFU	TOTAL DFU	QTY	DFU	TOTAL DFU	QTY	DFU			
WATER CLOSET	29	8	232	29	8	232	0	0			
URINAL	9	4	36	9	4	36	0	0			
LAVATORY	20	2	40	20	2	40	0	0			
FLOOR DRAIN	0	0	0	2	3	6	+2	+6			
ELECTRIC WATER COOLER	2	1	2	2	1	2	0	0			
		TOTAL	310		TOTAL	316	NET CHANGE	+6			

we/

── 5" SAN

P3

M107/ SCALE: 1/4" = 1'-0"

P3

DEMO PLAN - MEN'S & WOMEN'S ROOM P

We/1

#### **GENERAL NOTES**

P4 EWC2

1-1/2" CW ·

*−* 1-1/2"

- 1. REFER TO DRAWING M001 FOR GENERAL NOTES, ABBREVIATIONS AND LEGENDS.
- 2. REFER TO DRAWING M200 FOR SCHEDULES AND DETAILS.
- 3. REFER TO DRAWING M800 SERIES FOR SANITARY AND VENT RISER DIAGRAMS.
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- 7. DOMESTIC COLD AND HOT WATER PIPE NOT SHOWN. SEE DOMESTIC WATER NEW WORK NOTES.
- 8. NEW INSULATION SHALL BE INSTALLED FOR ALL NEW DOMESTIC COLD WATER, HOT WATER AND HOT WATER RETURN PIPING.

P3

#### NEW WORK KEYED NOTES

DOMESTIC WATER NEW WORK:

CONNECTIONS.

CAPPED DURING DEMOLITION.

EACH WATER CLOSET (WC) FIXTURE.

TO EACH URINAL (UR) FIXTURE.

SCHEDULE SHEET M-200.

1. CONTRACTOR TO DEMOLISH ALL EXISTING CW & HW WATER

ROOM PERIMETER WALLS AND CAP FOR NEW WORK

2. CONTRACTOR TO PROVIDE NEW CW & HW SUPPLY PIPE.

SUPPLY PIPE EXPOSED BY INTERIOR DEMOLITION WITHIN THE

TOILET ROOM. CUT EXISTING SUPPLY PIPE AT LIMIT OF TOILET

RECONNECT TO EXISTING INCOMING CW & HW SUPPLY PIPE

DOMESTIC WATER SUPPLY TO EACH LAVATORY (LAV) FIXTURE.

4. CONTRACTOR TO PROVIDE 1" CW DOMESTIC WATER SUPPLY TO

5. CONTRACTOR TO PROVIDE 3/4" CW DOMESTIC WATER SUPPLY

7. CONTRACTOR TO PROVIDE WATER HAMMER ARRESTORS TO

SERIES AS INDICATED. SEE WATER HAMMER ARRESTOR

DOMESTIC WATER SUPPLY LINES PRIOR TO LAST FIXTURE IN

6. WHERE NEW FLOOR DRAINS ARE NOTED ON DRAWINGS,

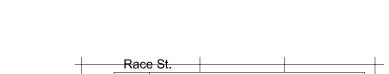
PROVIDE NEW 1/2" TRAP PRIMER CONNECTION.

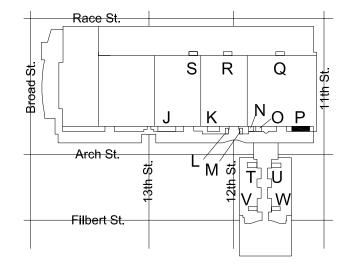
3. CONTRACTOR TO PROVIDE NEW DOMESTIC 1/2" CW AND HW

- PTO PROVIDE NEW WATER CLOSET AND ALL ACCESSORIES AS NOTED ON FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO, FLUSHOMETER, CARRIER, SHUT OFF VALVE, SEAT, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- PROVIDE NEW URINAL AND ALL ACCESSORIES AS NOTED ON FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO, FLUSHOMETER, CARRIER, SHUT OFF VALVE, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- PROVIDE NEW LAVATORY AND ALL ACCESSORIES AS NOTED ON FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO, FAUCETS, SOAP DISPENSERS, HAND DRYERS, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- PROVIDE NEW ELECTRIC WATER COOLER AND ALL ACCESSORIES AS NOTED ON THE FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO WATER COOLER, REFRIGERATION, FILTER, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWING FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- (P5) PROVIDE NEW WATER HAMMER ARRESTOR.
- PROVIDE FLOOR DRAIN AS NOTED WITH TRAP PRIMER PER CONVENTION CENTER STANDARDS. COORDINATE FINAL LOCATION WITH ARCHITECTURAL DRAWINGS.
- (P7) CONTRACTOR SHALL PROVIDE NEW SANITARY FITTINGS FROM NEW INSTALLED SANITARY AND VENT PIPE TO EXISTING PIPE.
- (P8) EXISTING WATER HEATER TO REMAIN. PROVIDE NEW SHUT OFF VALVE FOR NEW HOT WATER SERVICE.

#### **DEMOLITION KEYED NOTES**

- P1 REMOVE EXISTING WATER CLOSET, FLUSH VALVE, CARRIER, PIPING AND ACCESSORIES. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- P2 REMOVE EXISTING URINAL, FLUSH VALVE, CARRIER, PIPING AND ACCESSORIES. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- P3 REMOVE EXISTING LAVATORY, FAUCET, PIPING AND ACCESSORIES. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- P4 REMOVE SANITARY PIPING IN CHASE TO ALLOW INSTALLATION OF NEW CARRIERS AND FIXTURES. EXISTING VENT PIPING MAY REMAIN. CONTRACTOR SHALL CONNECT FIXTURES TO EXISTING VENT PIPING TO MEET PHILADELPHIA PLUMBING CODE.
- P5 REMOVE EXISTING ELECTRIC WATER COOLER, PIPING AND ACCESSORIES, CUT AND CAP DOMESTIC COLD WATER PIPE. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- P6 REFER TO NOTE 1 OF DOMESTIC WATER NEW WORK FOR LIMIT OF
- P7 DEMOLISH EXISTING WATER HAMMER ARRESTER.
- P8 EXISTING WATER HEATER TO REMAIN. DEMOLISH HOT WATER PIPE BACK TO INSIDE OF JANITOR'S ROOM.





KEY PLAN - LEVEL 200

0 2' 4' 8'



MEP ENGINEERS:



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PHILADELPHIA, PA 19125

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Contact: Wing Au e-mail: wau@csagroup.com



REVISIONS:

No. Description Date

CENTER

PENNSYLVANIA
CONVENTION CENTRESTROOM RENOVATIO

DEMOLITION &
NEW FLOOR
PLANS - ROOM
P (EXHIBIT)

Project number CW1615

Date November 25, 2019

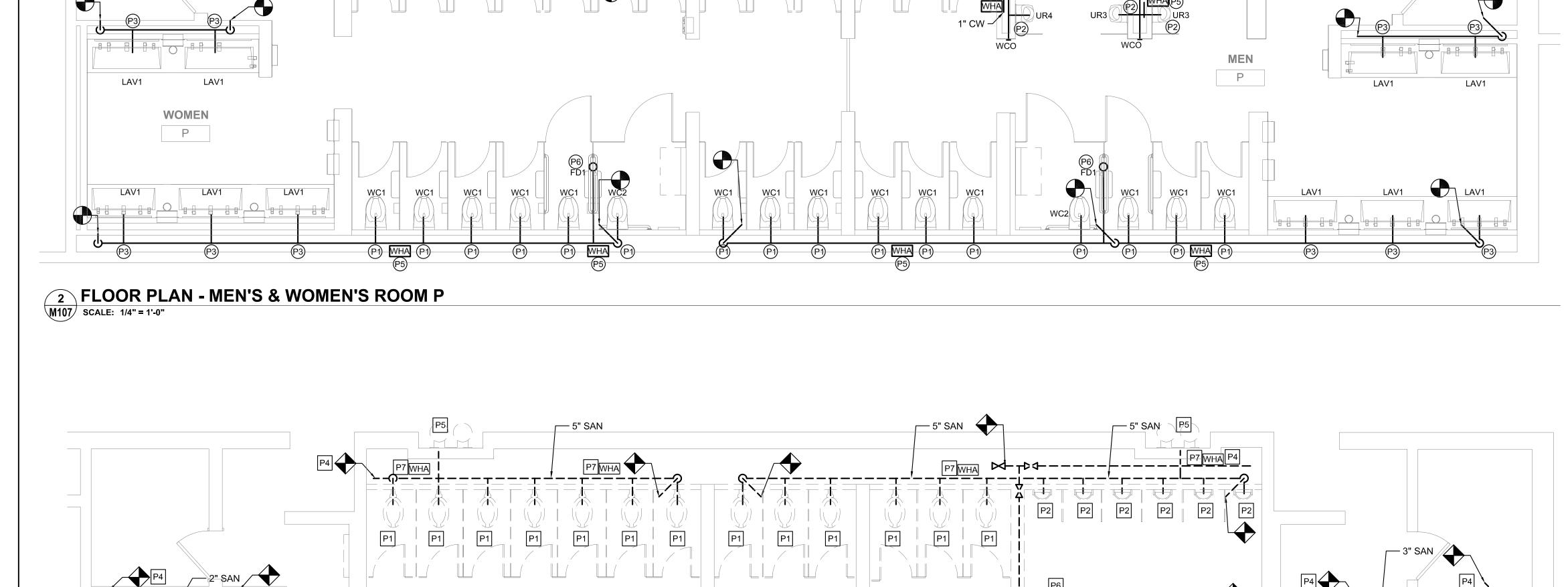
Drawn by DG

Checked by DM

NTS

M107

cale 1/4" = 1'-0"



P1

PLUMBING FIXTURE QUANTITIES - Q											
	EXIST	TING FIX	TURES	NE'	W FIXTL	JRES	NET CHA	NGE			
DESCRIPTION	QTY	DFU	TOTAL DFU	QTY	DFU	TOTAL DFU	QTY	DFU			
WATER CLOSET	8	8	64	8	8	64	0	0			
URINAL	3	4	12	3	4	12	0	0			
LAVATORY	6	2	12	7	2	14	+1	+2			
ELECTRIC WATER COOLER	0	0	0	0	0	0	0	0			
FLOOR DRAIN	0	0	0	2	3	6	+2	+6			
	•	TOTAL	88		TOTAL	96	NET CHANGE	+8			

P7

— 6" SAN

#### **GENERAL NOTES**

- 1. REFER TO DRAWING M001 FOR GENERAL NOTES, ABBREVIATIONS AND LEGENDS.
- 2. REFER TO DRAWING M200 FOR SCHEDULES AND DETAILS.
- 3. REFER TO DRAWING M800 SERIES FOR SANITARY AND VENT RISER DIAGRAMS.
- 4. PIPE SIZES AS NOTED ARE FROM HISTORICAL CONSTRUCTION DOCUMENTS DATED BETWEEN 1990 AND 1992. CONTRACTOR SHALL VERIFY ALL SIZES ARE AS SHOWN PRIOR TO START OF
- 6. WATER HAMMER ARRESTORS ARE SHOWN FOR APPROXIMATE LOCATION. CONTRACTOR SHALL FIELD COORDINATE FINAL
- 7. DOMESTIC COLD AND HOT WATER PIPE NOT SHOWN. SEE DOMESTIC WATER NEW WORK NOTES.
- 8. NEW INSULATION SHALL BE INSTALLED FOR ALL NEW DOMESTIC COLD WATER, HOT WATER AND HOT WATER RETURN PIPING.

#### DOMESTIC WATER NEW WORK:

- 1. CONTRACTOR TO DEMOLISH ALL EXISTING CW & HW WATER SUPPLY PIPE EXPOSED BY INTERIOR DEMOLITION WITHIN THE TOILET ROOM. CUT EXISTING SUPPLY PIPE AT LIMIT OF TOILET ROOM PERIMETER WALLS AND CAP FOR NEW WORK
- 2. CONTRACTOR TO PROVIDE NEW CW & HW SUPPLY PIPE. RECONNECT TO EXISTING INCOMING CW & HW SUPPLY PIPE CAPPED DURING DEMOLITION.
- 3. CONTRACTOR TO PROVIDE NEW DOMESTIC 1/2" CW AND HW DOMESTIC WATER SUPPLY TO EACH LAVATORY (LAV) FIXTURE.
- 4. CONTRACTOR TO PROVIDE 1" CW DOMESTIC WATER SUPPLY TO EACH WATER CLOSET (WC) FIXTURE.
- 5. CONTRACTOR TO PROVIDE 3/4" CW DOMESTIC WATER SUPPLY TO EACH URINAL (UR) FIXTURE.
- 6. WHERE NEW FLOOR DRAINS ARE NOTED ON DRAWINGS,
- PROVIDE NEW 1/2" TRAP PRIMER CONNECTION. 7. CONTRACTOR TO PROVIDE WATER HAMMER ARRESTORS TO DOMESTIC WATER SUPPLY LINES PRIOR TO LAST FIXTURE IN

SERIES AS INDICATED. SEE WATER HAMMER ARRESTOR

#### NEW WORK KEYED NOTES

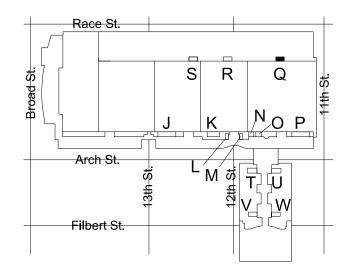
SCHEDULE SHEET M-200.

- (P1) PROVIDE NEW WATER CLOSET AND ALL ACCESSORIES AS NOTED ON FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO. FLUSHOMETER, CARRIER, SHUT OFF VALVE, SEAT, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- (P2) PROVIDE NEW URINAL AND ALL ACCESSORIES AS NOTED ON FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO. FLUSHOMETER, CARRIER, SHUT OFF VALVE, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- PROVIDE NEW LAVATORY AND ALL ACCESSORIES AS NOTED ON FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO, FAUCETS, SOAP DISPENSERS, HAND DRYERS, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- (P4) PROVIDE NEW ELECTRIC WATER COOLER AND ALL ACCESSORIES AS NOTED ON THE FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO WATER COOLER, REFRIGERATION, FILTER, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWING FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- (P5) PROVIDE NEW WATER HAMMER ARRESTOR.
- P6 PROVIDE FLOOR DRAIN AS NOTED WITH TRAP PRIMER PER CONVENTION CENTER STANDARDS. COORDINATE FINAL LOCATION WITH ARCHITECTURAL DRAWINGS.
- (P7) CONTRACTOR SHALL PROVIDE NEW SANITARY FITTINGS FROM NEW INSTALLED SANITARY AND VENT PIPE TO EXISTING PIPE.
- (P8) EXISTING WATER HEATER TO REMAIN. PROVIDE NEW SHUT OFF VALVE FOR NEW HOT WATER SERVICE.

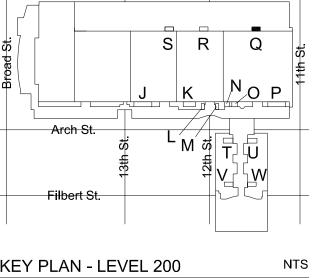
## **DEMOLITION KEYED NOTES**

FIXTURE LOCATION AND CONNECTIONS.

- P1 REMOVE EXISTING WATER CLOSET, FLUSH VALVE, CARRIER, PIPING AND ACCESSORIES. REFER TO NEW WORK PLAN FOR NEW
- P2 REMOVE EXISTING URINAL, FLUSH VALVE, CARRIER, PIPING AND ACCESSORIES. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- P3 REMOVE EXISTING LAVATORY, FAUCET, PIPING AND ACCESSORIES. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- P4 REMOVE SANITARY PIPING IN CHASE TO ALLOW INSTALLATION OF NEW CARRIERS AND FIXTURES. EXISTING VENT PIPING MAY REMAIN. CONTRACTOR SHALL CONNECT FIXTURES TO EXISTING VENT PIPING TO MEET PHILADELPHIA PLUMBING CODE.
- P5 REMOVE EXISTING ELECTRIC WATER COOLER, PIPING AND ACCESSORIES, CUT AND CAP DOMESTIC COLD WATER PIPE. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- P6 REFER TO NOTE 1 OF DOMESTIC WATER NEW WORK FOR LIMIT OF
- P7 DEMOLISH EXISTING WATER HAMMER ARRESTER.
- EXISTING WATER HEATER TO REMAIN. DEMOLISH HOT WATER PIPE BACK TO INSIDE OF JANITOR'S ROOM.



KEY PLAN - LEVEL 200



Drawn by Checked by

REVISIONS: No. Description

ER

Date

:::::: CONVERSE

**MEP ENGINEERS:** 

Contact: Kevin Sultanik

CSA GROUP

Ph: 215.427.8700 Fax: 215.427.8752

Contact: Wing Au

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**WINKLER** 

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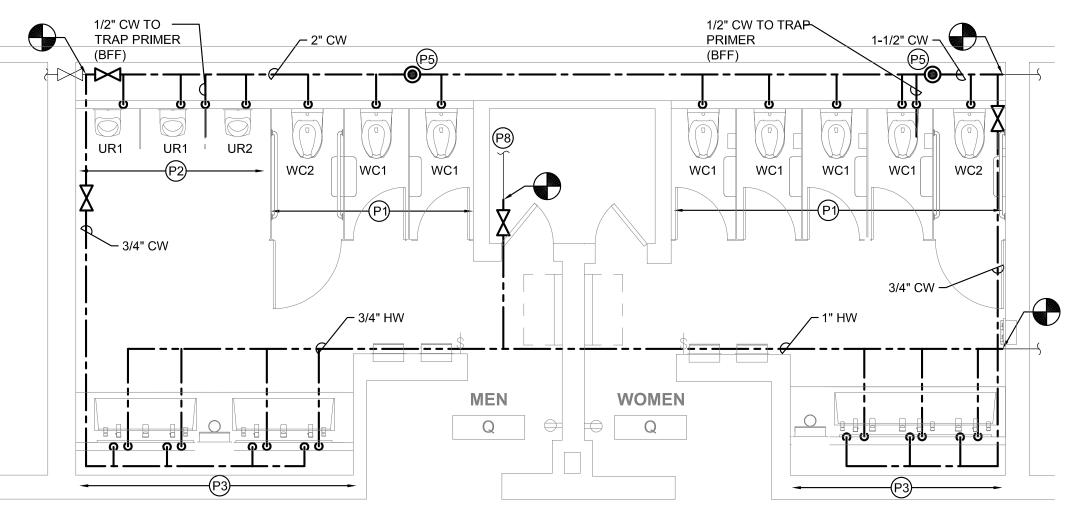
331 MONTGOMERY AVE BALA CYNWYD, PA 19144

NA ENT PENNSYLV

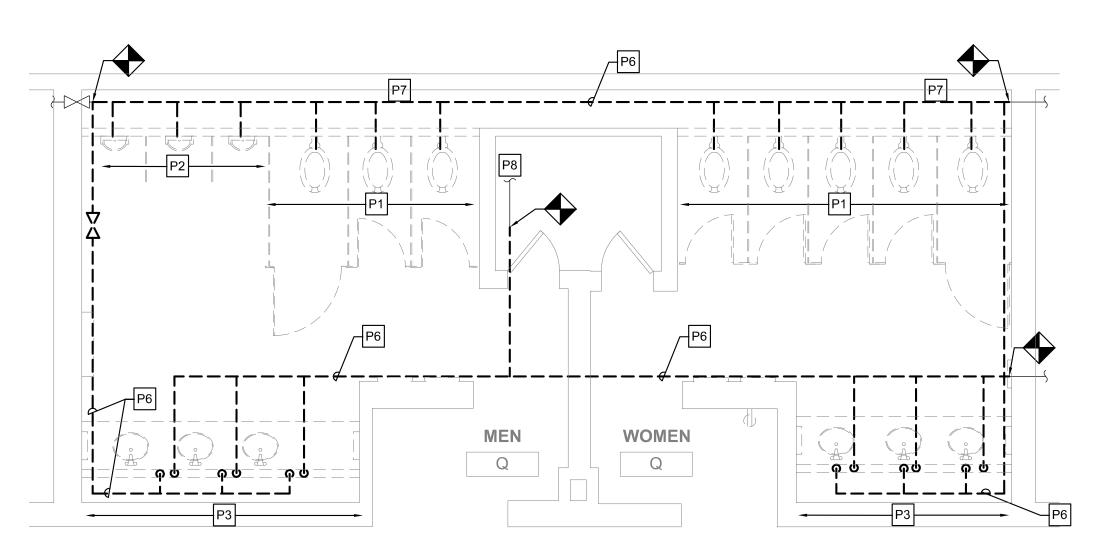
**DEMOLITION & NEW FLOOR** PLANS - ROOM Q

(EXHIBIT) CW1615 Project number November 25, 2019

1/4" = 1'-0"



**DOMESTIC WATER FLOOR PLAN - MEN'S & WOMEN'S ROOM Q** M108 SCALE: 1/4" = 1'-0"



**DOMESTIC WATER DEMO PLAN - MEN'S & WOMEN'S ROOM Q** M108 SCALE: 1/4" = 1'-0"

WOMEN

SANITARY DEMO PLAN - MEN'S & WOMEN'S ROOM Q M108 SCALE: 1/4" = 1'-0"

2 SANITARY FLOOR PLAN - MEN'S & WOMEN'S ROOM Q

— 5" SAN

स1 P6 UR2

M108 SCALE: 1/4" = 1'-0"

WORK. PROVIDE NEW, REPLACE OR MODIFY AS REQUIRED.

5. KEYED NOTES MAY NOT APPEAR IN ALL PLAN VIEWS.

PLACEMENT WITH CONNECTION OF NEW FIXTURES.

Р	LUMB	ING F	IXTURE	(AUQ	NTITIE	S - R		
	EXISTING FIXTURES NEW FIXTURES NET CHANGE							
DESCRIPTION	QTY	DFU	TOTAL DFU	QTY	DFU	TOTAL DFU	QTY	DFU
WATER CLOSET	8	8	64	8	8	64	0	0
URINAL	3	4	12	3	4	12	0	0
LAVATORY	6	2	12	7	2	14	+1	+2
ELECTRIC WATER COOLER	0	0	0	0	0	0	0	0
FLOOR DRAIN	0	0	0	2	3	6	+2	+6
		TOTAL	88		TOTAL	96	NET CHANGE	+8

LAV1

#### **GENERAL NOTES**

- 1. REFER TO DRAWING M001 FOR GENERAL NOTES, ABBREVIATIONS AND LEGENDS.
- 2. REFER TO DRAWING M200 FOR SCHEDULES AND DETAILS.
- 3. REFER TO DRAWING M800 SERIES FOR SANITARY AND VENT RISER DIAGRAMS.
- 4. PIPE SIZES AS NOTED ARE FROM HISTORICAL CONSTRUCTION DOCUMENTS DATED BETWEEN 1990 AND 1992. CONTRACTOR SHALL VERIFY ALL SIZES ARE AS SHOWN PRIOR TO START OF WORK. PROVIDE NEW, REPLACE OR MODIFY AS REQUIRED.
- 5. KEYED NOTES MAY NOT APPEAR IN ALL PLAN VIEWS.
- 6. WATER HAMMER ARRESTORS ARE SHOWN FOR APPROXIMATE LOCATION. CONTRACTOR SHALL FIELD COORDINATE FINAL PLACEMENT WITH CONNECTION OF NEW FIXTURES.
- 7. DOMESTIC COLD AND HOT WATER PIPE NOT SHOWN. SEE DOMESTIC WATER NEW WORK NOTES.
- 8. NEW INSULATION SHALL BE INSTALLED FOR ALL NEW DOMESTIC COLD WATER, HOT WATER AND HOT WATER RETURN PIPING.

#### DOMESTIC WATER NEW WORK:

1. CONTRACTOR TO DEMOLISH ALL EXISTING CW & HW WATER SUPPLY PIPE EXPOSED BY INTERIOR DEMOLITION WITHIN THE TOILET ROOM. CUT EXISTING SUPPLY PIPE AT LIMIT OF TOILET ROOM PERIMETER WALLS AND CAP FOR NEW WORK

:::::: CONVERSE

**MEP ENGINEERS:** 

Contact: Kevin Sultanik

CSA GROUP

Ph: 215.427.8700 Fax: 215.427.8752

Contact: Wing Au

REVISIONS:

Description

Date

SUITE 507

**WINKLER** 

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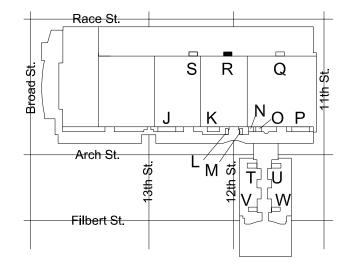
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331 MONTGOMERY AVE BALA CYNWYD, PA 19144

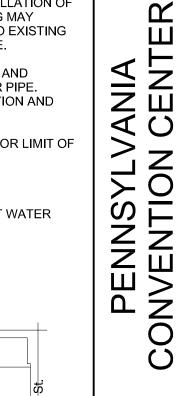
- 2. CONTRACTOR TO PROVIDE NEW CW & HW SUPPLY PIPE. RECONNECT TO EXISTING INCOMING CW & HW SUPPLY PIPE
- 3. CONTRACTOR TO PROVIDE NEW DOMESTIC 1/2" CW AND HW DOMESTIC WATER SUPPLY TO EACH LAVATORY (LAV) FIXTURE.
- 4. CONTRACTOR TO PROVIDE 1" CW DOMESTIC WATER SUPPLY TO
- 5. CONTRACTOR TO PROVIDE 3/4" CW DOMESTIC WATER SUPPLY
- 6. WHERE NEW FLOOR DRAINS ARE NOTED ON DRAWINGS, PROVIDE NEW 1/2" TRAP PRIMER CONNECTION.
- SERIES AS INDICATED. SEE WATER HAMMER ARRESTOR

- (P1) PROVIDE NEW WATER CLOSET AND ALL ACCESSORIES AS NOTED ON FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO. FLUSHOMETER, CARRIER, SHUT OFF VALVE, SEAT, DOMESTIC
- (P2) PROVIDE NEW URINAL AND ALL ACCESSORIES AS NOTED ON FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO. SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL
- (P3) PROVIDE NEW LAVATORY AND ALL ACCESSORIES AS NOTED ON FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO, FAUCETS, SOAP DISPENSERS, HAND DRYERS, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- P4 PROVIDE NEW ELECTRIC WATER COOLER AND ALL ACCESSORIES AS NOTED ON THE FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO WATER COOLER, REFRIGERATION, FILTER, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWING FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- (P5) PROVIDE NEW WATER HAMMER ARRESTOR.
- CONVENTION CENTER STANDARDS. COORDINATE FINAL LOCATION
- NEW INSTALLED SANITARY AND VENT PIPE TO EXISTING PIPE.
- (P8) EXISTING WATER HEATER TO REMAIN. PROVIDE NEW SHUT OFF

- P1 REMOVE EXISTING WATER CLOSET, FLUSH VALVE, CARRIER, PIPING AND ACCESSORIES. REFER TO NEW WORK PLAN FOR NEW
- P2 REMOVE EXISTING URINAL, FLUSH VALVE, CARRIER, PIPING AND ACCESSORIES. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- P3 REMOVE EXISTING LAVATORY, FAUCET, PIPING AND ACCESSORIES. REFER TO NEW WORK PLAN FOR NEW FIXTURE
- P5 REMOVE EXISTING ELECTRIC WATER COOLER, PIPING AND ACCESSORIES, CUT AND CAP DOMESTIC COLD WATER PIPE.
  REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND
- DEMOLISH EXISTING WATER HAMMER ARRESTER.
- PIPE BACK TO INSIDE OF JANITOR'S ROOM.



KEY PLAN - LEVEL 200



PLANS - ROOM R (EXHIBIT) CW1615 Project number November 25, 2019

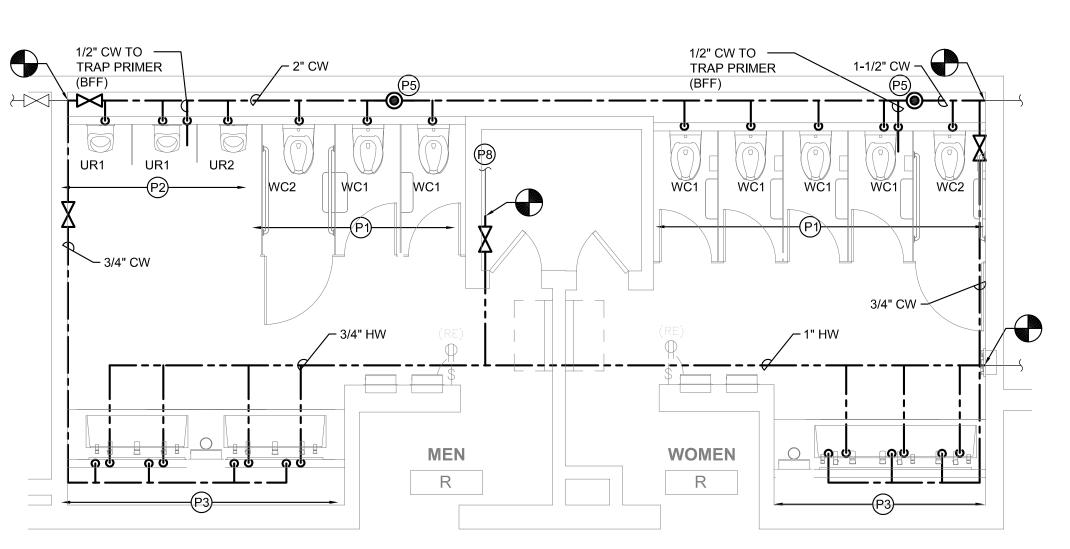
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**DEMOLITION &** 

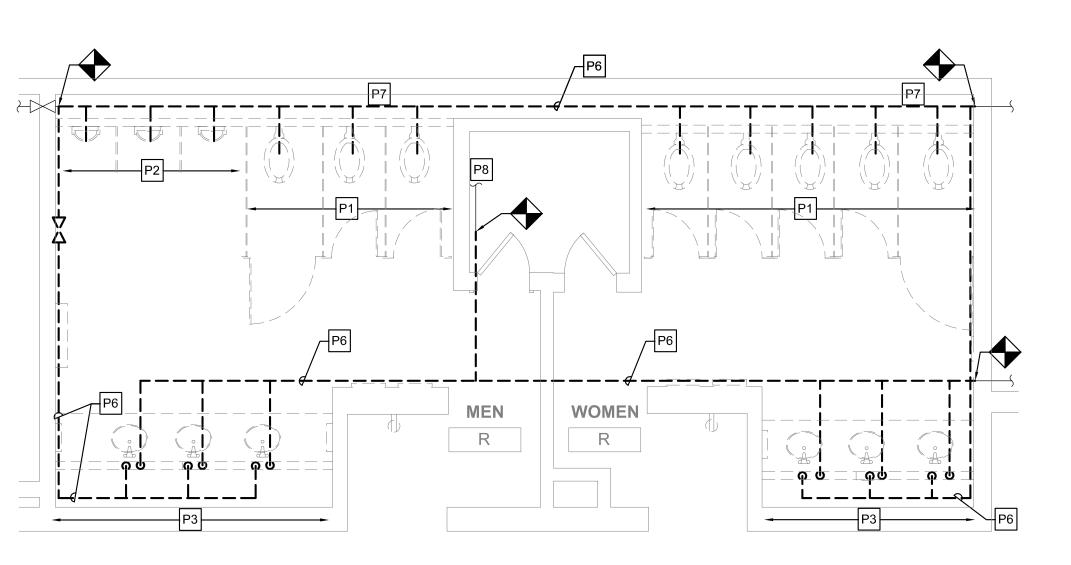
**NEW FLOOR** 

Checked by

1/4" = 1'-0"



**4** DOMESTIC WATER FLOOR PLAN - MEN'S & WOMEN'S ROOM R M109 SCALE: 1/4" = 1'-0"



3 DOMESTIC WATER DEMO PLAN - MEN'S & WOMEN'S ROOM R M109 SCALE: 1/4" = 1'-0"

#### SANITARY DEMO PLAN - MEN'S & WOMEN'S ROOM R M109 SCALE: 1/4" = 1'-0"

VI 6 UR2

M109 SCALE: 1/4" = 1'-0"

# WOMEN

MEN

R

SANITARY FLOOR PLAN - MEN'S & WOMEN'S ROOM R

CONNECTIONS.

CAPPED DURING DEMOLITION.

EACH WATER CLOSET (WC) FIXTURE.

TO EACH URINAL (UR) FIXTURE.

7. CONTRACTOR TO PROVIDE WATER HAMMER ARRESTORS TO DOMESTIC WATER SUPPLY LINES PRIOR TO LAST FIXTURE IN SCHEDULE SHEET M-200.

#### NEW WORK KEYED NOTES

- WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- FLUSHOMETER, CARRIER, SHUT OFF VALVE, DOMESTIC WATER, DRAWINGS FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.

- (P6) PROVIDE FLOOR DRAIN AS NOTED WITH TRAP PRIMER PER WITH ARCHITECTURAL DRAWINGS.
- (P7) CONTRACTOR SHALL PROVIDE NEW SANITARY FITTINGS FROM
- VALVE FOR NEW HOT WATER SERVICE.

## **DEMOLITION KEYED NOTES**

- FIXTURE LOCATION AND CONNECTIONS.
- LOCATION AND CONNECTIONS.
- P4 REMOVE SANITARY PIPING IN CHASE TO ALLOW INSTALLATION OF NEW CARRIERS AND FIXTURES. EXISTING VENT PIPING MAY REMAIN. CONTRACTOR SHALL CONNECT FIXTURES TO EXISTING VENT PIPING TO MEET PHILADELPHIA PLUMBING CODE.
- CONNECTIONS.
- P6 REFER TO NOTE 1 OF DOMESTIC WATER NEW WORK FOR LIMIT OF
- EXISTING WATER HEATER TO REMAIN. DEMOLISH HOT WATER

PLUMBING FIXTURE QUANTITIES - S											
EXISTING FIXTURES NEW FIXTURES NET CHANGE											
DESCRIPTION	QTY	DFU	TOTAL DFU	QTY	DFU	TOTAL DFU	QTY	DFU			
WATER CLOSET	8	8	64	8	8	64	0	0			
URINAL	3	4	12	3	4	12	0	0			
LAVATORY	6	2	12	7	2	14	+1	+2			
ELECTRIC WATER COOLER	0	0	0	0	0	0	0	0			
FLOOR DRAIN	0	0	0	2	3	6	+2	+6			
		TOTAL	88		TOTAL	96	NET CHANGE	+8			

#### **GENERAL NOTES**

- 1. REFER TO DRAWING M001 FOR GENERAL NOTES, ABBREVIATIONS AND LEGENDS.
- 2. REFER TO DRAWING M200 FOR SCHEDULES AND DETAILS.
- 3. REFER TO DRAWING M800 SERIES FOR SANITARY AND VENT RISER DIAGRAMS.
- 4. PIPE SIZES AS NOTED ARE FROM HISTORICAL CONSTRUCTION DOCUMENTS DATED BETWEEN 1990 AND 1992. CONTRACTOR SHALL VERIFY ALL SIZES ARE AS SHOWN PRIOR TO START OF WORK. PROVIDE NEW, REPLACE OR MODIFY AS REQUIRED.
- 5. KEYED NOTES MAY NOT APPEAR IN ALL PLAN VIEWS.
- 6. WATER HAMMER ARRESTORS ARE SHOWN FOR APPROXIMATE LOCATION. CONTRACTOR SHALL FIELD COORDINATE FINAL PLACEMENT WITH CONNECTION OF NEW FIXTURES.
- 7. DOMESTIC COLD AND HOT WATER PIPE NOT SHOWN. SEE DOMESTIC WATER NEW WORK NOTES.
- 8. NEW INSULATION SHALL BE INSTALLED FOR ALL NEW DOMESTIC COLD WATER, HOT WATER AND HOT WATER RETURN PIPING.

#### DOMESTIC WATER NEW WORK:

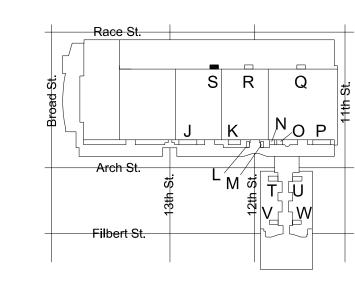
- CONTRACTOR TO DEMOLISH ALL EXISTING CW & HW WATER SUPPLY PIPE EXPOSED BY INTERIOR DEMOLITION WITHIN THE TOILET ROOM. CUT EXISTING SUPPLY PIPE AT LIMIT OF TOILET ROOM PERIMETER WALLS AND CAP FOR NEW WORK CONNECTIONS.
- 2. CONTRACTOR TO PROVIDE NEW CW & HW SUPPLY PIPE. RECONNECT TO EXISTING INCOMING CW & HW SUPPLY PIPE CAPPED DURING DEMOLITION.
- 3. CONTRACTOR TO PROVIDE NEW DOMESTIC 1/2" CW AND HW DOMESTIC WATER SUPPLY TO EACH LAVATORY (LAV) FIXTURE.
- 4. CONTRACTOR TO PROVIDE 1" CW DOMESTIC WATER SUPPLY TO EACH WATER CLOSET (WC) FIXTURE.
- 5. CONTRACTOR TO PROVIDE 3/4" CW DOMESTIC WATER SUPPLY TO EACH URINAL (UR) FIXTURE.
- 6. WHERE NEW FLOOR DRAINS ARE NOTED ON DRAWINGS, PROVIDE NEW 1/2" TRAP PRIMER CONNECTION.
- 7. CONTRACTOR TO PROVIDE WATER HAMMER ARRESTORS TO DOMESTIC WATER SUPPLY LINES PRIOR TO LAST FIXTURE IN SERIES AS INDICATED. SEE WATER HAMMER ARRESTOR SCHEDULE SHEET M-200.

#### NEW WORK KEYED NOTES

- PROVIDE NEW WATER CLOSET AND ALL ACCESSORIES AS NOTED ON FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO, FLUSHOMETER, CARRIER, SHUT OFF VALVE, SEAT, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- PROVIDE NEW URINAL AND ALL ACCESSORIES AS NOTED ON FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO, FLUSHOMETER, CARRIER, SHUT OFF VALVE, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- P3 PROVIDE NEW LAVATORY AND ALL ACCESSORIES AS NOTED ON FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO, FAUCETS, SOAP DISPENSERS, HAND DRYERS, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- PROVIDE NEW ELECTRIC WATER COOLER AND ALL ACCESSORIES AS NOTED ON THE FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO WATER COOLER, REFRIGERATION, FILTER, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWING FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- (P5) PROVIDE NEW WATER HAMMER ARRESTOR.
- PROVIDE FLOOR DRAIN AS NOTED WITH TRAP PRIMER PER CONVENTION CENTER STANDARDS. COORDINATE FINAL LOCATION WITH ARCHITECTURAL DRAWINGS.
- (P7) CONTRACTOR SHALL PROVIDE NEW SANITARY FITTINGS FROM NEW INSTALLED SANITARY AND VENT PIPE TO EXISTING PIPE.
- (P8) EXISTING WATER HEATER TO REMAIN. PROVIDE NEW SHUT OFF VALVE FOR NEW HOT WATER SERVICE.

#### **DEMOLITION KEYED NOTES**

- P1 REMOVE EXISTING WATER CLOSET, FLUSH VALVE, CARRIER, PIPING AND ACCESSORIES. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- P2 REMOVE EXISTING URINAL, FLUSH VALVE, CARRIER, PIPING AND ACCESSORIES. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- P3 REMOVE EXISTING LAVATORY, FAUCET, PIPING AND ACCESSORIES. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- P4 REMOVE SANITARY PIPING IN CHASE TO ALLOW INSTALLATION OF NEW CARRIERS AND FIXTURES. EXISTING VENT PIPING MAY REMAIN. CONTRACTOR SHALL CONNECT FIXTURES TO EXISTING VENT PIPING TO MEET PHILADELPHIA PLUMBING CODE.
- P5 REMOVE EXISTING ELECTRIC WATER COOLER, PIPING AND ACCESSORIES, CUT AND CAP DOMESTIC COLD WATER PIPE. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- P6 REFER TO NOTE 1 OF DOMESTIC WATER NEW WORK FOR LIMIT OF
- P7 DEMOLISH EXISTING WATER HAMMER ARRESTER.
- EXISTING WATER HEATER TO REMAIN. DEMOLISH HOT WATER PIPE BACK TO INSIDE OF JANITOR'S ROOM.



KEY PLAN - LEVEL 200 NTS





· · · · · CONVERSE

**WINKLER** 

ARCHITECTURE

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PHILADELPHIA, PA 19125 Ph: 215.427.8700

Fax: 215.427.8752

CSA GROUP

SUITE 507

Contact: Wing Au e-mail: wau@csagroup.com



REVISIONS:

No. Description Date

PENNSYLVANIA CONVENTION CENTER

DEMOLITION &
NEW FLOOR
PLANS - ROOM S
(EXHIBIT)

Project number CW1615

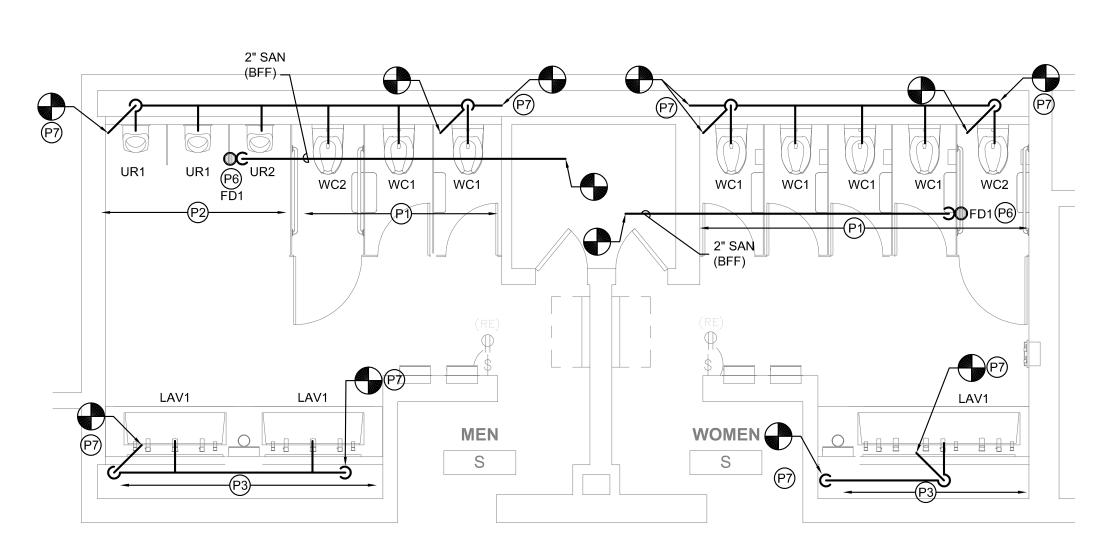
Date November 25, 2019

Drawn by DG

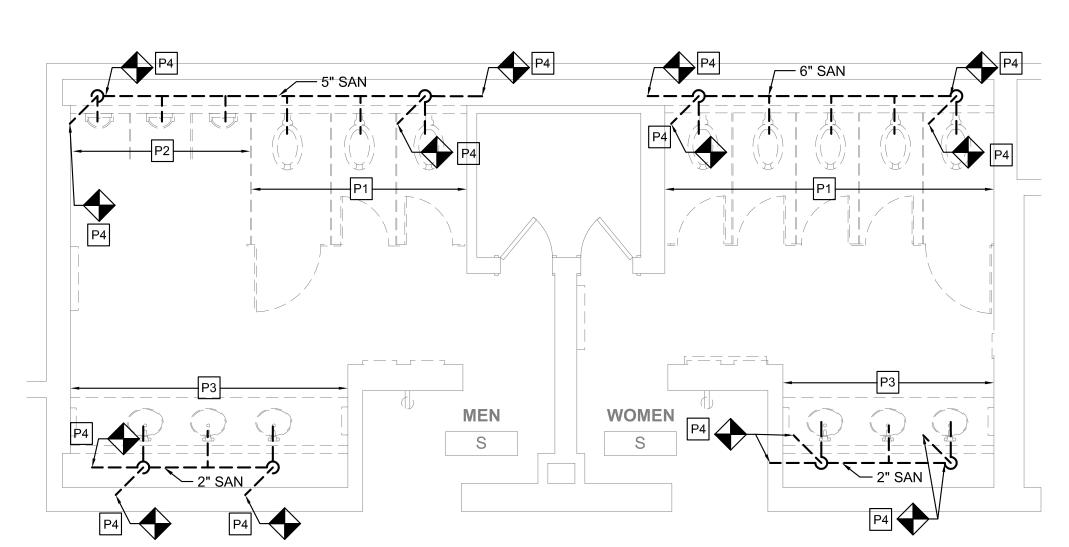
Checked by DM

M110

Scale 1/4" = 1'-0"

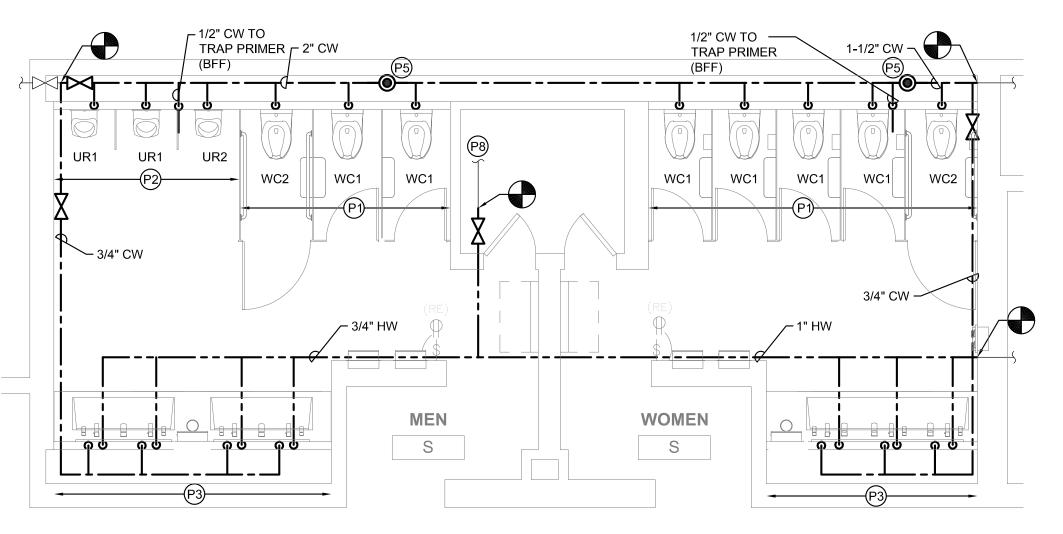


2 SANITARY AND VENT FLOOR PLAN - MEN'S & WOMEN'S ROOM S
M110 SCALE: 1/4" = 1'-0"

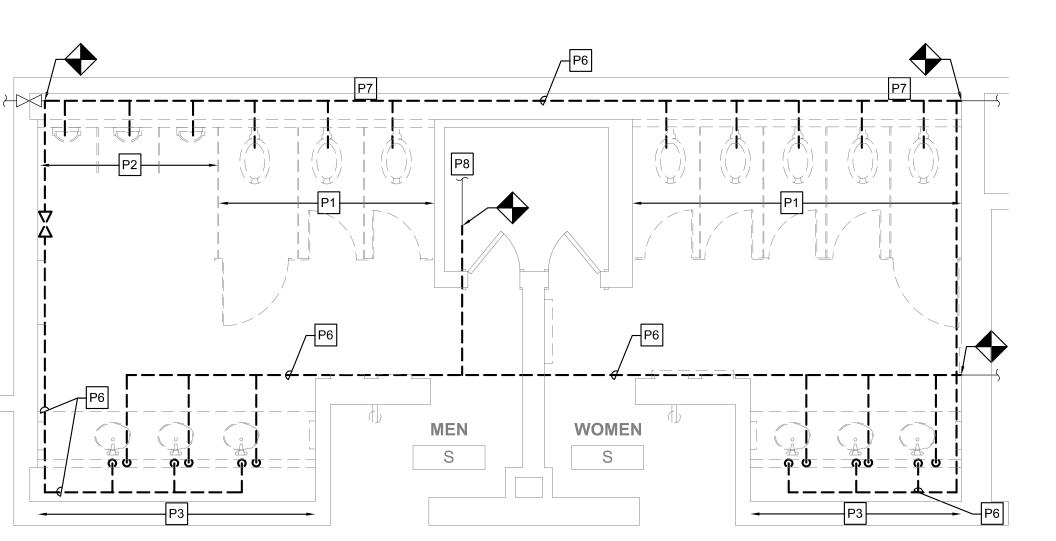


SANITARY AND VENT DEMO PLAN - MEN'S & WOMEN'S ROOM S

M110 SCALE: 1/4" = 1'-0"



4 DOMESTIC WATER FLOOR PLAN - MEN'S & WOMEN'S ROOM S



3 DOMESTIC WATER DEMO PLAN - MEN'S & WOMEN'S ROOM S

M110 SCALE: 1/4" = 1'-0"

Р	PLUMB	ING F	IXTURE	QUAI	NTITIE	S - A		
	EXIS	ΓING FIX	TURES	NE	W FIXTL	IRES	NET CHA	NGE
DESCRIPTION	QTY	DFU	TOTAL DFU	QTY	DFU	TOTAL DFU	QTY	DFU
WATER CLOSET	14	8	112	14	8	112	0	0
URINAL	6	4	24	6	4	24	0	0
LAVATORY	12	2	24	12	2	24	0	0
		TOTAL	160		TOTAL	160	NET CHANGE	0

#### **GENERAL NOTES**

- REFER TO DRAWING M001 FOR GENERAL NOTES, ABBREVIATIONS AND LEGENDS.
- 2. REFER TO DRAWING M200 FOR SCHEDULES AND DETAILS.
- 3. REFER TO DRAWING M800 SERIES FOR SANITARY AND VENT RISER DIAGRAMS.
- 4. PIPE SIZES AS NOTED ARE FROM HISTORICAL CONSTRUCTION DOCUMENTS DATED BETWEEN 1990 AND 1992. CONTRACTOR SHALL VERIFY ALL SIZES ARE AS SHOWN PRIOR TO START OF WORK. PROVIDE NEW, REPLACE OR MODIFY AS REQUIRED.
- 5. KEYED NOTES MAY NOT APPEAR IN ALL PLAN VIEWS.
- 6. WATER HAMMER ARRESTORS ARE SHOWN FOR APPROXIMATE LOCATION. CONTRACTOR SHALL FIELD COORDINATE FINAL PLACEMENT WITH CONNECTION OF NEW FIXTURES.
- 7. DOMESTIC COLD AND HOT WATER PIPE NOT SHOWN. SEE DOMESTIC WATER NEW WORK NOTES.
- 8. NEW INSULATION SHALL BE INSTALLED FOR ALL NEW DOMESTIC COLD WATER, HOT WATER AND HOT WATER RETURN PIPING.

#### DOMESTIC WATER NEW WORK:

1. CONTRACTOR TO DEMOLISH ALL EXISTING CW & HW WATER SUPPLY PIPE EXPOSED BY INTERIOR DEMOLITION WITHIN THE TOILET ROOM. CUT EXISTING SUPPLY PIPE AT LIMIT OF TOILET ROOM PERIMETER WALLS AND CAP FOR NEW WORK CONNECTIONS.

· · · · · CONVERSE

**MEP ENGINEERS:** 

Contact: Kevin Sultanik

CSA GROUP

Ph: 215.427.8700 Fax: 215.427.8752

Contact: Wing Au

REVISIONS:

NIA

PENNSYLV,

Description

Date

SUITE 507

STRUCTURAL ENGINEERS:

PHILADELPHIA, PA 19125

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**WINKLER** ARCHITECTURE

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1341 NORTH DELAWARE AVENUE,

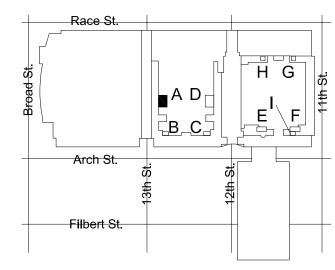
- 2. CONTRACTOR TO PROVIDE NEW CW & HW SUPPLY PIPE. RECONNECT TO EXISTING INCOMING CW & HW SUPPLY PIPE CAPPED DURING DEMOLITION.
- 3. CONTRACTOR TO PROVIDE NEW DOMESTIC 1/2" CW AND HW DOMESTIC WATER SUPPLY TO EACH LAVATORY (LAV) FIXTURE.
- 4. CONTRACTOR TO PROVIDE 1" CW DOMESTIC WATER SUPPLY TO EACH WATER CLOSET (WC) FIXTURE.
- 5. CONTRACTOR TO PROVIDE 3/4" CW DOMESTIC WATER SUPPLY
- TO EACH URINAL (UR) FIXTURE.
- 6. WHERE NEW FLOOR DRAINS ARE NOTED ON DRAWINGS, PROVIDE NEW 1/2" TRAP PRIMER CONNECTION.
- 7. CONTRACTOR TO PROVIDE WATER HAMMER ARRESTORS TO DOMESTIC WATER SUPPLY LINES PRIOR TO LAST FIXTURE IN SERIES AS INDICATED. SEE WATER HAMMER ARRESTOR SCHEDULE SHEET M-200.

#### NEW WORK KEYED NOTES

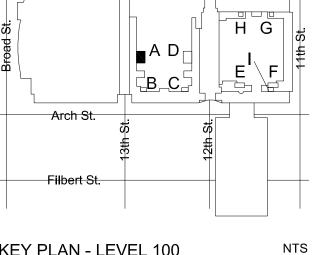
- (P1) PROVIDE NEW WATER CLOSET AND ALL ACCESSORIES AS NOTED ON FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO, FLUSHOMETER, CARRIER, SHUT OFF VALVE, SEAT, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- (P2) PROVIDE NEW URINAL AND ALL ACCESSORIES AS NOTED ON FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO, FLUSHOMETER, CARRIER, SHUT OFF VALVE, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- (P3) PROVIDE NEW LAVATORY AND ALL ACCESSORIES AS NOTED ON FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO, FAUCETS, SOAP DISPENSERS, HAND DRYERS, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- (P4) PROVIDE NEW ELECTRIC WATER COOLER AND ALL ACCESSORIES AS NOTED ON THE FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO WATER COOLER, REFRIGERATION, FILTER, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWING FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
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- (P6) PROVIDE FLOOR DRAIN AS NOTED WITH TRAP PRIMER PER CONVENTION CENTER STANDARDS. COORDINATE FINAL LOCATION WITH ARCHITECTURAL DRAWINGS.
- (P7) CONTRACTOR SHALL PROVIDE NEW SANITARY FITTINGS FROM NEW INSTALLED SANITARY AND VENT PIPE TO EXISTING PIPE.
- (P8) EXISTING WATER HEATER TO REMAIN. PROVIDE NEW SHUT OFF VALVE FOR NEW HOT WATER SERVICE.

#### **DEMOLITION KEYED NOTES**

- P1 REMOVE EXISTING WATER CLOSET, FLUSH VALVE, CARRIER, PIPING AND ACCESSORIES. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- P2 REMOVE EXISTING URINAL, FLUSH VALVE, CARRIER, PIPING AND ACCESSORIES. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- P3 REMOVE EXISTING LAVATORY, FAUCET, PIPING AND ACCESSORIES. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- REMOVE SANITARY PIPING IN CHASE TO ALLOW INSTALLATION OF NEW CARRIERS AND FIXTURES. EXISTING VENT PIPING MAY REMAIN. CONTRACTOR SHALL CONNECT FIXTURES TO EXISTING VENT PIPING TO MEET PHILADELPHIA PLUMBING CODE.
- REMOVE EXISTING ELECTRIC WATER COOLER, PIPING AND ACCESSORIES, CUT AND CAP DOMESTIC COLD WATER PIPE.
  REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- P6 REFER TO NOTE 1 OF DOMESTIC WATER NEW WORK FOR LIMIT OF
- P7 DEMOLISH EXISTING WATER HAMMER ARRESTER.
- P8 EXISTING WATER HEATER TO REMAIN. DEMOLISH HOT WATER PIPE BACK TO INSIDE OF JANITOR'S ROOM.



KEY PLAN - LEVEL 100



Drawn by Checked by

Project number

1/4" = 1'-0"

**DEMOLITION &** 

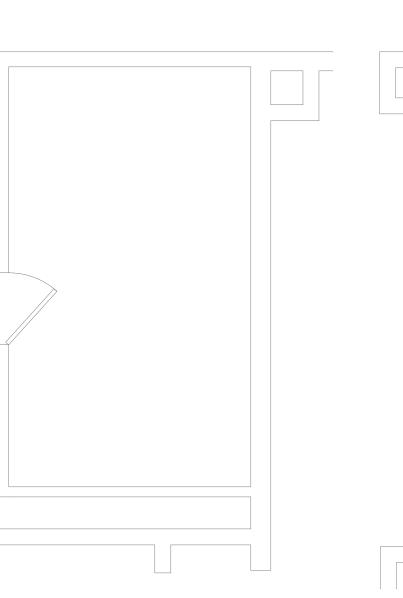
**NEW FLOOR** 

PLANS - ROOM A

(SEMINAR)

November 25, 2019

CW1615

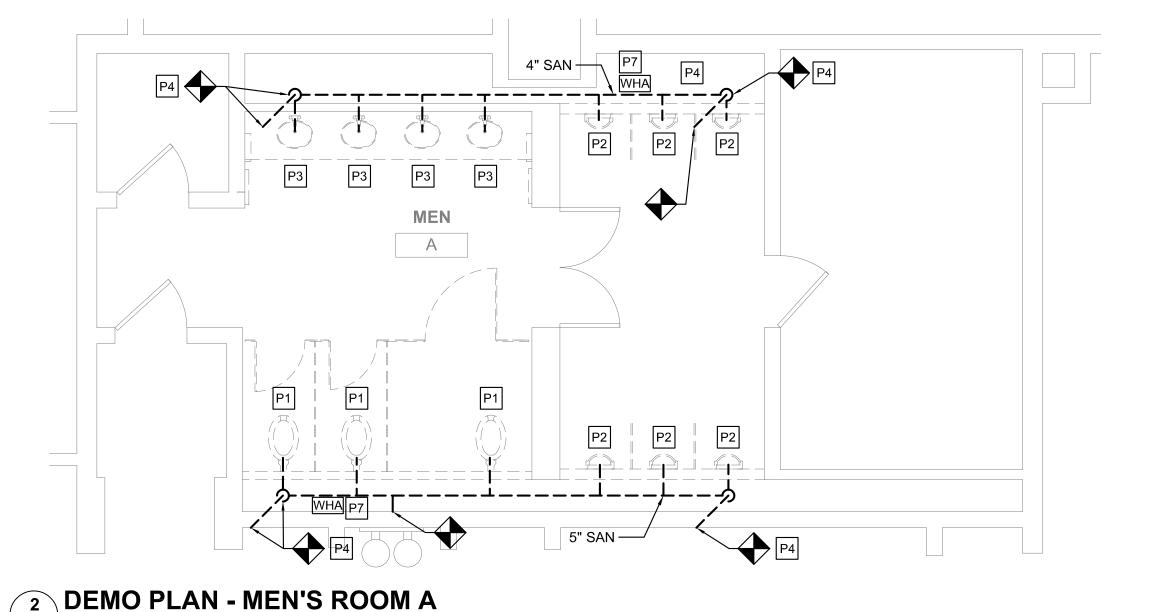




M111 SCALE: 1/4" = 1'-0"

LAV2

LAV2



UR1

MEN

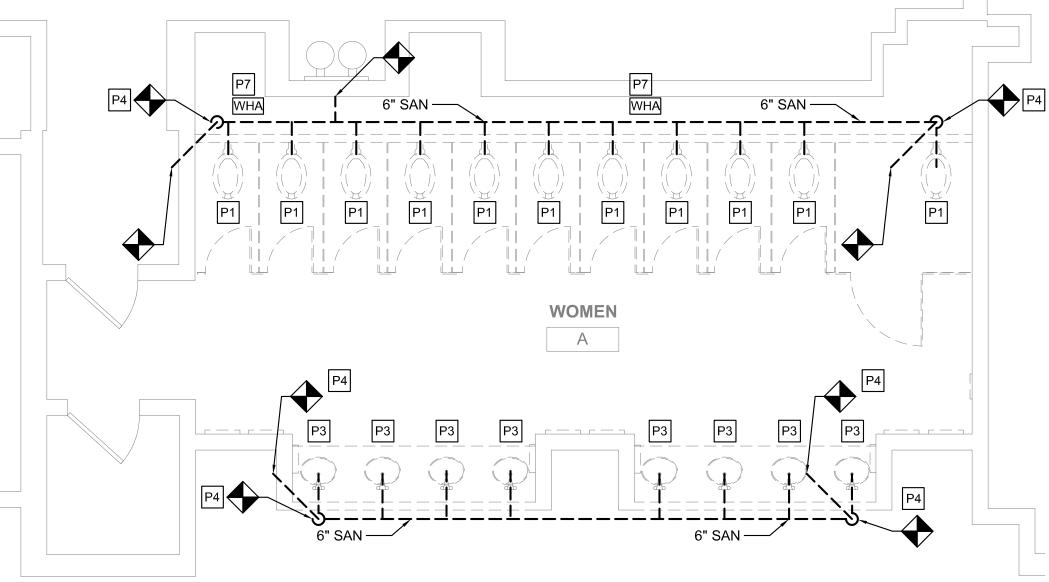
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M111 SCALE: 1/4" = 1'-0"

M111/ SCALE: 1/4" = 1'-0"





PLUMBING FIXTURE QUANTITIES - C											
DESCRIPTION	EXIS	ΓING FIX	TURES	NE	W FIXTL	IRES	NET CHA	NGE			
	QTY	DFU	TOTAL DFU	QTY	DFU	TOTAL DFU	QTY	DFU			
WATER CLOSET	5	8	40	5	8	40	0	0			
URINAL	3	4	12	3	4	12	0	0			
LAVATORY	4	2	8	4	2	8	0	0			
TC			60		TOTAL	60	NET CHANGE	0			

	PLUMBING FIXTURE QUANTITIES - B											
	DESCRIPTION	EXIS	EXISTING FIXTURES			W FIXTL	NET CHANGE					
		QTY	DFU	TOTAL DFU	QTY	DFU	TOTAL DFU	QTY	DFU			
	WATER CLOSET	5	8	40	5	8	40	0	0			
	URINAL	3	4	12	3	4	12	0	0			
	LAVATORY	4	2	8	4	2	8	0	0			
			TOTAL	60		TOTAL	60	NET CHANGE	0			

P1) WC2

#### **GENERAL NOTES**

MEN

P2 UR1

- REFER TO DRAWING M001 FOR GENERAL NOTES, ABBREVIATIONS AND LEGENDS.
- 2. REFER TO DRAWING M200 FOR SCHEDULES AND DETAILS.
- 3. REFER TO DRAWING M800 SERIES FOR SANITARY AND VENT RISER DIAGRAMS.
- 4. PIPE SIZES AS NOTED ARE FROM HISTORICAL CONSTRUCTION DOCUMENTS DATED BETWEEN 1990 AND 1992. CONTRACTOR SHALL VERIFY ALL SIZES ARE AS SHOWN PRIOR TO START OF WORK. PROVIDE NEW, REPLACE OR MODIFY AS REQUIRED.
- 5. KEYED NOTES MAY NOT APPEAR IN ALL PLAN VIEWS.
- 6. WATER HAMMER ARRESTORS ARE SHOWN FOR APPROXIMATE LOCATION. CONTRACTOR SHALL FIELD COORDINATE FINAL PLACEMENT WITH CONNECTION OF NEW FIXTURES.
- 7. DOMESTIC COLD AND HOT WATER PIPE NOT SHOWN. SEE DOMESTIC WATER NEW WORK NOTES.
- 8. NEW INSULATION SHALL BE INSTALLED FOR ALL NEW DOMESTIC COLD WATER, HOT WATER AND HOT WATER RETURN PIPING.

#### DOMESTIC WATER NEW WORK:

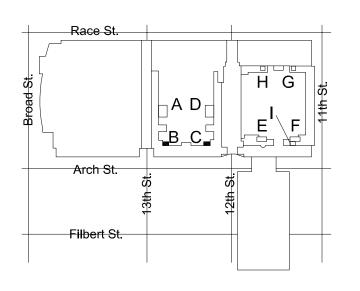
- 1. CONTRACTOR TO DEMOLISH ALL EXISTING CW & HW WATER SUPPLY PIPE EXPOSED BY INTERIOR DEMOLITION WITHIN THE TOILET ROOM. CUT EXISTING SUPPLY PIPE AT LIMIT OF TOILET ROOM PERIMETER WALLS AND CAP FOR NEW WORK CONNECTIONS.
- 2. CONTRACTOR TO PROVIDE NEW CW & HW SUPPLY PIPE. RECONNECT TO EXISTING INCOMING CW & HW SUPPLY PIPE CAPPED DURING DEMOLITION.
- 3. CONTRACTOR TO PROVIDE NEW DOMESTIC 1/2" CW AND HW DOMESTIC WATER SUPPLY TO EACH LAVATORY (LAV) FIXTURE.
- 4. CONTRACTOR TO PROVIDE 1" CW DOMESTIC WATER SUPPLY TO EACH WATER CLOSET (WC) FIXTURE.
- 5. CONTRACTOR TO PROVIDE 3/4" CW DOMESTIC WATER SUPPLY TO EACH URINAL (UR) FIXTURE.
- 6. WHERE NEW FLOOR DRAINS ARE NOTED ON DRAWINGS, PROVIDE NEW 1/2" TRAP PRIMER CONNECTION.
- 7. CONTRACTOR TO PROVIDE WATER HAMMER ARRESTORS TO DOMESTIC WATER SUPPLY LINES PRIOR TO LAST FIXTURE IN SERIES AS INDICATED. SEE WATER HAMMER ARRESTOR SCHEDULE SHEET M-200.

#### NEW WORK KEYED NOTES

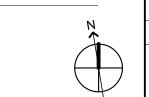
- (P1) PROVIDE NEW WATER CLOSET AND ALL ACCESSORIES AS NOTED ON FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO, FLUSHOMETER, CARRIER, SHUT OFF VALVE, SEAT, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- (P2) PROVIDE NEW URINAL AND ALL ACCESSORIES AS NOTED ON FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO, FLUSHOMETER, CARRIER, SHUT OFF VALVE, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- (P3) PROVIDE NEW LAVATORY AND ALL ACCESSORIES AS NOTED ON FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO, FAUCETS, SOAP DISPENSERS, HAND DRYERS, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
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- (P5) PROVIDE NEW WATER HAMMER ARRESTOR.
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- (P7) CONTRACTOR SHALL PROVIDE NEW SANITARY FITTINGS FROM NEW INSTALLED SANITARY AND VENT PIPE TO EXISTING PIPE.
- (P8) EXISTING WATER HEATER TO REMAIN. PROVIDE NEW SHUT OFF VALVE FOR NEW HOT WATER SERVICE.

#### **DEMOLITION KEYED NOTES**

- P1 REMOVE EXISTING WATER CLOSET, FLUSH VALVE, CARRIER, PIPING AND ACCESSORIES. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- P2 REMOVE EXISTING URINAL, FLUSH VALVE, CARRIER, PIPING AND ACCESSORIES. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- P3 REMOVE EXISTING LAVATORY, FAUCET, PIPING AND ACCESSORIES. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- P4 REMOVE SANITARY PIPING IN CHASE TO ALLOW INSTALLATION OF NEW CARRIERS AND FIXTURES. EXISTING VENT PIPING MAY REMAIN. CONTRACTOR SHALL CONNECT FIXTURES TO EXISTING VENT PIPING TO MEET PHILADELPHIA PLUMBING CODE.
- P5 REMOVE EXISTING ELECTRIC WATER COOLER, PIPING AND ACCESSORIES, CUT AND CAP DOMESTIC COLD WATER PIPE. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- P6 REFER TO NOTE 1 OF DOMESTIC WATER NEW WORK FOR LIMIT OF
- P7 DEMOLISH EXISTING WATER HAMMER ARRESTER.
- P8 EXISTING WATER HEATER TO REMAIN. DEMOLISH HOT WATER PIPE BACK TO INSIDE OF JANITOR'S ROOM.



KEY PLAN - LEVEL 100



· · · · · CONVERSE **WINKLER** • ARCHITECTURE 331 MONTGOMERY AVE BALA CYNWYD, PA 19144

**MEP ENGINEERS:** 



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Ph: 215.427.8700 Fax: 215.427.8752

PHILADELPHIA, PA 19125

Contact: Wing Au e-mail: wau@csagroup.com



REVISIONS: Description Date

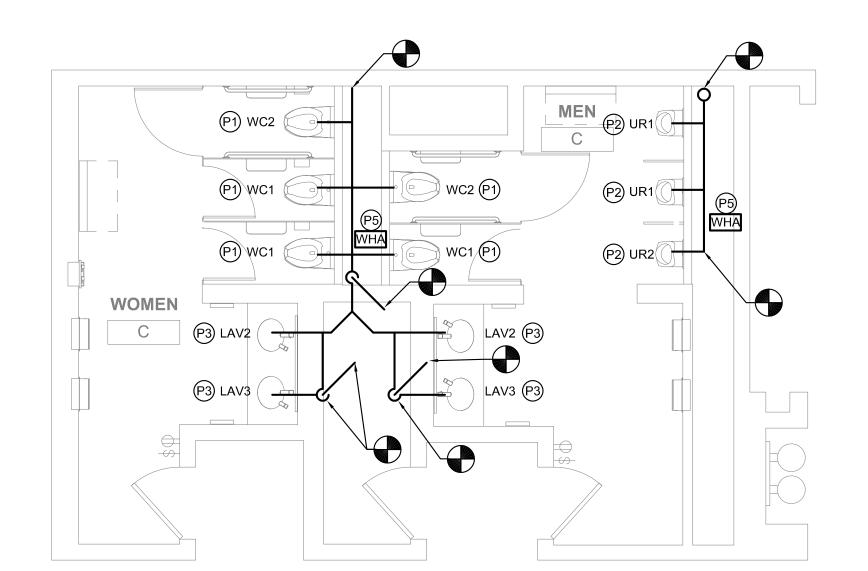
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**DEMOLITION & NEW FLOOR** PLANS - ROOMS B, C (SEMINAR)

CW1615 Project number November 25, 2019 Drawn by Checked by

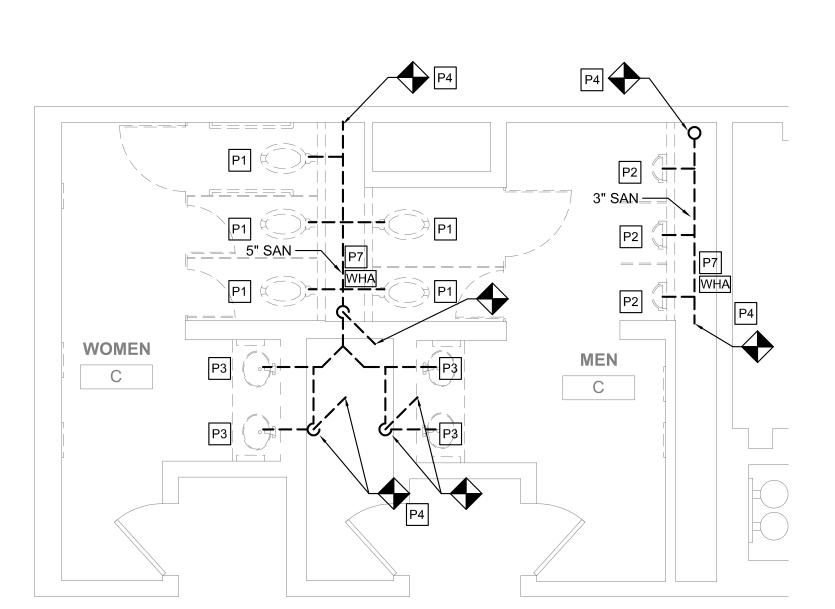
1/4" = 1'-0"

NTS

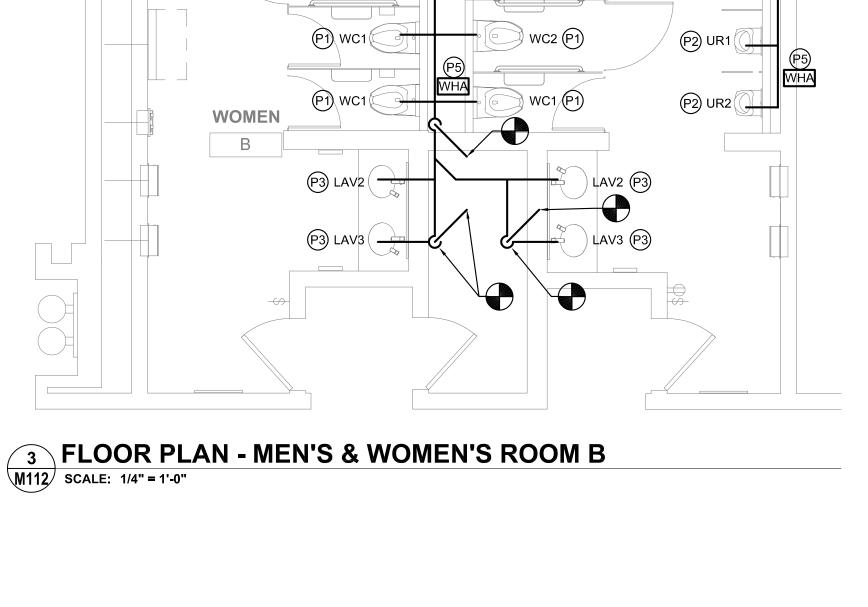


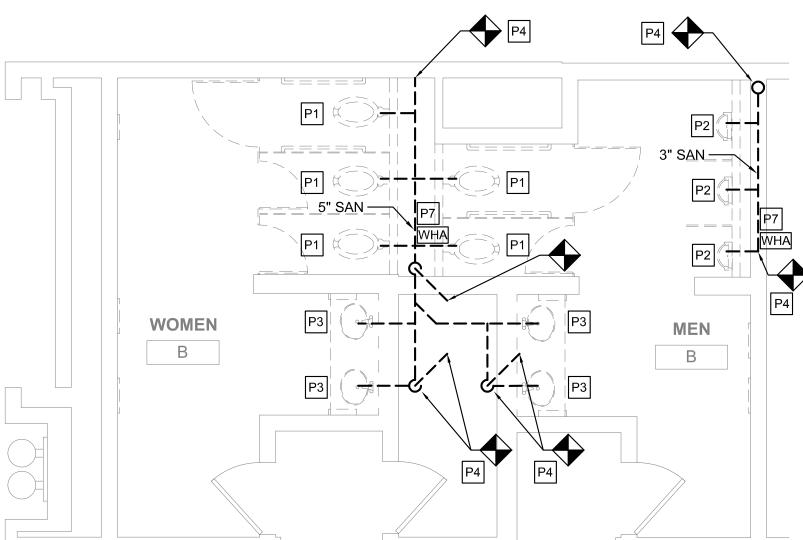
4 FLOOR PLAN - MEN'S & WOMEN'S ROOM C

M112 SCALE: 1/4" = 1'-0"



**DEMO PLAN - MEN'S & WOMEN'S ROOM C** M112 SCALE: 1/4" = 1'-0"





1 DEMO PLAN - MEN'S & WOMEN'S ROOM B M112 SCALE: 1/4" = 1'-0"

PLUMBING FIXTURE QUANTITIES - D											
	EXIS	TING FIX	ING FIXTURES NEW FIXTURES				NET CHA	NET CHANGE			
DESCRIPTION	QTY	DFU	TOTAL DFU	QTY	DFU	TOTAL DFU	QTY	DFU			
WATER CLOSET	14	8	112	14	8	112	0	0			
URINAL	6	4	24	6	4	24	0	0			
LAVATORY	12	2	24	12	2	24	0	0			
		TOTAL	160		TOTAL	160	NET CHANGE	0			

PLUMBING FIXTURE QUANTITIES - D											
DESCRIPTION	EXIS	TING FIX	IXTURES NEW FIXTURES NET					HANGE			
	QTY	DFU	TOTAL DFU	QTY	DFU	TOTAL DFU	QTY	DFU			
WATER CLOSET	14	8	112	14	8	112	0	0			
URINAL	6	4	24	6	4	24	0	0			
LAVATORY	12	2	24	12	2	24	0	0			
		TOTAL	160		TOTAL	160	NET				

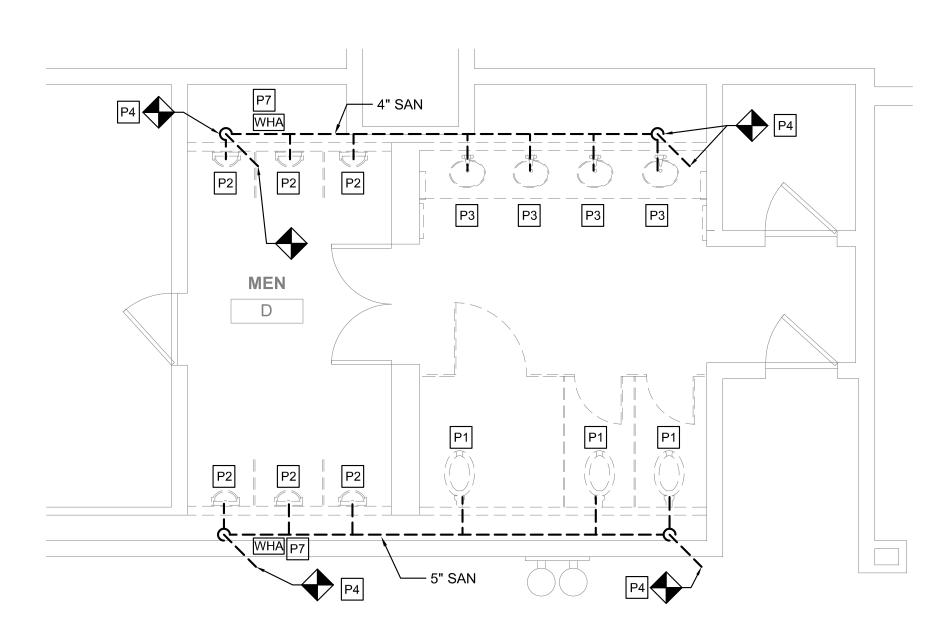
PLUMBING FIXTURE QUANTITIES - D										
	EXIST	TING FIX	TURES	NE'	W FIXTL	NET CHA	ANGE DFU	NET CHANGE		
IPTION	QTY	DFU	TOTAL DFU	QTY	DFU	TOTAL DFU	QTY	DFU		
CLOSET	14	8	112	14	8	112	0	0		

P1 WHA P1	
WC2 WC1 WC1 WC1 WC1 WC1 WC1 WC1 WC1 WC1	
WOMEN	
LAV2 LAV2 LAV2 LAV4 LAV2 LAV2 LAV3 P3	

#### 4 FLOOR PLAN - MEN'S ROOM D M113 SCALE: 1/4" = 1'-0"

MEN

D



LAV2

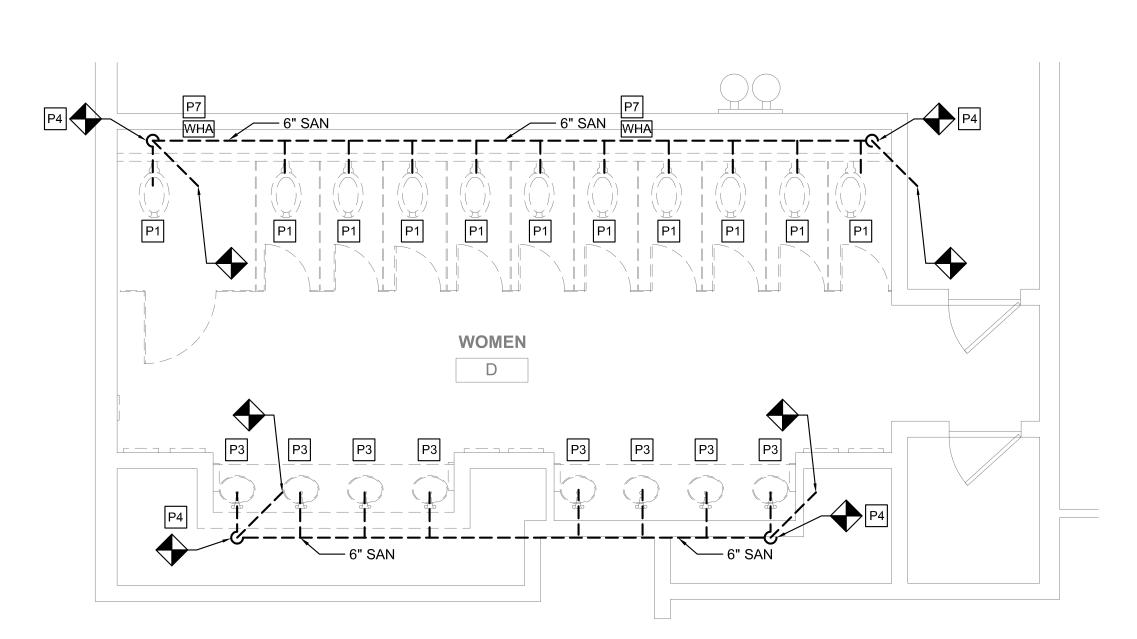
LAV2

LAV2

WC1

LAV3

#### **DEMO PLAN - MEN'S ROOM D** M113 SCALE: 1/4" = 1'-0"



#### 1 DEMO PLAN - WOMEN'S ROOM D

FLOOR PLAN - WOMEN'S ROOM D

M113 SCALE: 1/4" = 1'-0"

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

#### **GENERAL NOTES**

- 1. REFER TO DRAWING M001 FOR GENERAL NOTES, ABBREVIATIONS AND LEGENDS.
- 2. REFER TO DRAWING M200 FOR SCHEDULES AND DETAILS.
- 3. REFER TO DRAWING M800 SERIES FOR SANITARY AND VENT RISER DIAGRAMS.
- 4. PIPE SIZES AS NOTED ARE FROM HISTORICAL CONSTRUCTION DOCUMENTS DATED BETWEEN 1990 AND 1992. CONTRACTOR SHALL VERIFY ALL SIZES ARE AS SHOWN PRIOR TO START OF WORK. PROVIDE NEW, REPLACE OR MODIFY AS REQUIRED.
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- 6. WATER HAMMER ARRESTORS ARE SHOWN FOR APPROXIMATE LOCATION. CONTRACTOR SHALL FIELD COORDINATE FINAL PLACEMENT WITH CONNECTION OF NEW FIXTURES.
- 7. DOMESTIC COLD AND HOT WATER PIPE NOT SHOWN. SEE DOMESTIC WATER NEW WORK NOTES.
- 8. NEW INSULATION SHALL BE INSTALLED FOR ALL NEW DOMESTIC COLD WATER, HOT WATER AND HOT WATER RETURN PIPING.

#### 4. CONTRACTOR TO PROVIDE 1" CW DOMESTIC WATER SUPPLY TO EACH WATER CLOSET (WC) FIXTURE.

PROVIDE NEW 1/2" TRAP PRIMER CONNECTION.

DOMESTIC WATER NEW WORK:

CONNECTIONS.

CAPPED DURING DEMOLITION.

TO EACH URINAL (UR) FIXTURE.

1. CONTRACTOR TO DEMOLISH ALL EXISTING CW & HW WATER

ROOM PERIMETER WALLS AND CAP FOR NEW WORK

2. CONTRACTOR TO PROVIDE NEW CW & HW SUPPLY PIPE.

SUPPLY PIPE EXPOSED BY INTERIOR DEMOLITION WITHIN THE

TOILET ROOM. CUT EXISTING SUPPLY PIPE AT LIMIT OF TOILET

RECONNECT TO EXISTING INCOMING CW & HW SUPPLY PIPE

DOMESTIC WATER SUPPLY TO EACH LAVATORY (LAV) FIXTURE.

3. CONTRACTOR TO PROVIDE NEW DOMESTIC 1/2" CW AND HW

5. CONTRACTOR TO PROVIDE 3/4" CW DOMESTIC WATER SUPPLY

7. CONTRACTOR TO PROVIDE WATER HAMMER ARRESTORS TO DOMESTIC WATER SUPPLY LINES PRIOR TO LAST FIXTURE IN SERIES AS INDICATED. SEE WATER HAMMER ARRESTOR SCHEDULE SHEET M-200.

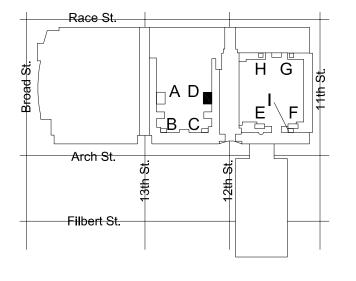
6. WHERE NEW FLOOR DRAINS ARE NOTED ON DRAWINGS,

#### NEW WORK KEYED NOTES

- (P1) PROVIDE NEW WATER CLOSET AND ALL ACCESSORIES AS NOTED ON FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO, FLUSHOMETER, CARRIER, SHUT OFF VALVE, SEAT, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- (P2) PROVIDE NEW URINAL AND ALL ACCESSORIES AS NOTED ON FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO, FLUSHOMETER, CARRIER, SHUT OFF VALVE, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- (P3) PROVIDE NEW LAVATORY AND ALL ACCESSORIES AS NOTED ON FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO, FAUCETS, SOAP DISPENSERS, HAND DRYERS, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- (P4) PROVIDE NEW ELECTRIC WATER COOLER AND ALL ACCESSORIES AS NOTED ON THE FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO WATER COOLER, REFRIGERATION, FILTER, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWING FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- (P5) PROVIDE NEW WATER HAMMER ARRESTOR.
- P6 PROVIDE FLOOR DRAIN AS NOTED WITH TRAP PRIMER PER CONVENTION CENTER STANDARDS. COORDINATE FINAL LOCATION WITH ARCHITECTURAL DRAWINGS.
- (P7) CONTRACTOR SHALL PROVIDE NEW SANITARY FITTINGS FROM NEW INSTALLED SANITARY AND VENT PIPE TO EXISTING PIPE.
- (P8) EXISTING WATER HEATER TO REMAIN. PROVIDE NEW SHUT OFF VALVE FOR NEW HOT WATER SERVICE.

#### **DEMOLITION KEYED NOTES**

- P1 REMOVE EXISTING WATER CLOSET, FLUSH VALVE, CARRIER, PIPING AND ACCESSORIES. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- P2 REMOVE EXISTING URINAL, FLUSH VALVE, CARRIER, PIPING AND ACCESSORIES. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- P3 REMOVE EXISTING LAVATORY, FAUCET, PIPING AND ACCESSORIES. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- P4 REMOVE SANITARY PIPING IN CHASE TO ALLOW INSTALLATION OF NEW CARRIERS AND FIXTURES. EXISTING VENT PIPING MAY REMAIN. CONTRACTOR SHALL CONNECT FIXTURES TO EXISTING VENT PIPING TO MEET PHILADELPHIA PLUMBING CODE.
- P5 REMOVE EXISTING ELECTRIC WATER COOLER, PIPING AND ACCESSORIES, CUT AND CAP DOMESTIC COLD WATER PIPE. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- P6 REFER TO NOTE 1 OF DOMESTIC WATER NEW WORK FOR LIMIT OF
- P7 DEMOLISH EXISTING WATER HAMMER ARRESTER.
- P8 EXISTING WATER HEATER TO REMAIN. DEMOLISH HOT WATER PIPE BACK TO INSIDE OF JANITOR'S ROOM.



KEY PLAN - LEVEL 100

NTS



**MEP ENGINEERS:** 



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STRUCTURAL ENGINEERS: CSA GROUP 1341 NORTH DELAWARE AVENUE, SUITE 507 PHILADELPHIA, PA 19125

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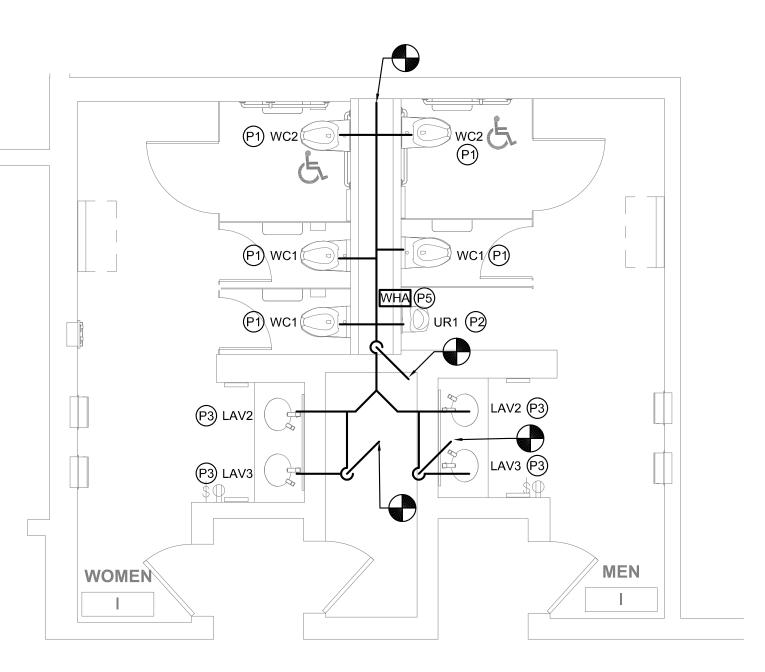


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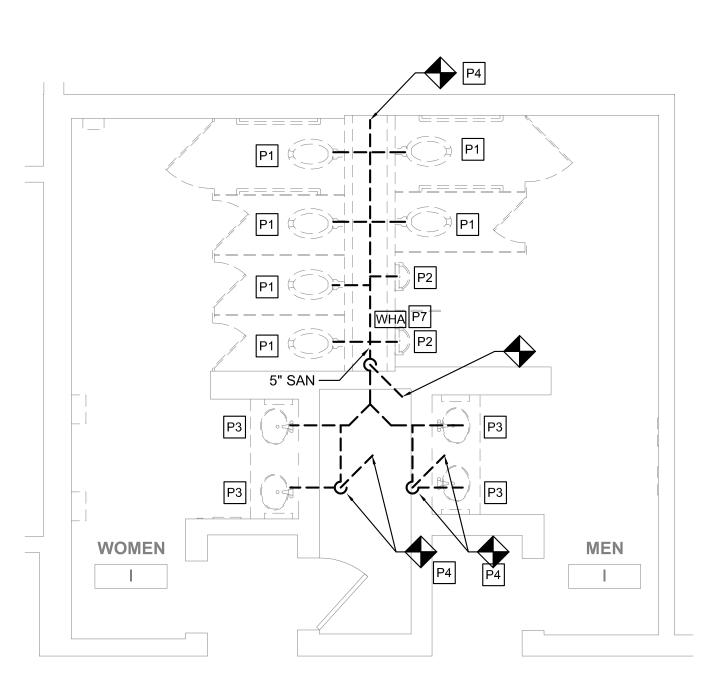
**DEMOLITION & NEW FLOOR** PLANS - ROOM D (SEMINAR)

CW1615 Project number November 25, 2019 Drawn by Checked by



#### FLOOR PLAN - MEN'S & WOMEN'S ROOM I

M114 SCALE: 1/4" = 1'-0"



1 DEMO PLAN - MEN'S & WOMEN'S ROOM I SCALE: 1/4" = 1'-0"

#### **GENERAL NOTES**

- 1. REFER TO DRAWING M001 FOR GENERAL NOTES, ABBREVIATIONS AND LEGENDS.
- 2. REFER TO DRAWING M200 FOR SCHEDULES AND DETAILS.
- 3. REFER TO DRAWING M800 SERIES FOR SANITARY AND VENT RISER DIAGRAMS.
- 4. PIPE SIZES AS NOTED ARE FROM HISTORICAL CONSTRUCTION DOCUMENTS DATED BETWEEN 1990 AND 1992. CONTRACTOR SHALL VERIFY ALL SIZES ARE AS SHOWN PRIOR TO START OF WORK. PROVIDE NEW, REPLACE OR MODIFY AS REQUIRED.
- 5. KEYED NOTES MAY NOT APPEAR IN ALL PLAN VIEWS.
- 6. WATER HAMMER ARRESTORS ARE SHOWN FOR APPROXIMATE LOCATION. CONTRACTOR SHALL FIELD COORDINATE FINAL PLACEMENT WITH CONNECTION OF NEW FIXTURES.
- 7. DOMESTIC COLD AND HOT WATER PIPE NOT SHOWN. SEE DOMESTIC WATER NEW WORK NOTES.
- 8. NEW INSULATION SHALL BE INSTALLED FOR ALL NEW DOMESTIC COLD WATER, HOT WATER AND HOT WATER RETURN PIPING.

PLUMBING FIXTURE QUANTITIES - I										
	EXIST	TING FIX	TURES	JRES NEW FIXTUR			NET CHANGE			
DESCRIPTION	QTY	DFU	TOTAL DFU	QTY	DFU	TOTAL DFU	QTY	DFU		
WATER CLOSET	6	8	48	5	8	40	-1	-8		
URINAL	2	4	8	1	4	4	-1	<del>-</del> 4		
LAVATORY	4	2	8	4	2	8	0	0		
TOTAL 64 TOTAL 52 NET CHANGE -12										
	•	_								

#### DOMESTIC WATER NEW WORK:

- CONTRACTOR TO DEMOLISH ALL EXISTING CW & HW WATER SUPPLY PIPE EXPOSED BY INTERIOR DEMOLITION WITHIN THE TOILET ROOM. CUT EXISTING SUPPLY PIPE AT LIMIT OF TOILET ROOM PERIMETER WALLS AND CAP FOR NEW WORK CONNECTIONS.
- CONTRACTOR TO PROVIDE NEW CW & HW SUPPLY PIPE. RECONNECT TO EXISTING INCOMING CW & HW SUPPLY PIPE CAPPED DURING DEMOLITION.
- 3. CONTRACTOR TO PROVIDE NEW DOMESTIC 1/2" CW AND HW DOMESTIC WATER SUPPLY TO EACH LAVATORY (LAV) FIXTURE.
- 4. CONTRACTOR TO PROVIDE 1" CW DOMESTIC WATER SUPPLY TO EACH WATER CLOSET (WC) FIXTURE.
- 5. CONTRACTOR TO PROVIDE 3/4" CW DOMESTIC WATER SUPPLY TO EACH URINAL (UR) FIXTURE.
- 6. WHERE NEW FLOOR DRAINS ARE NOTED ON DRAWINGS, PROVIDE NEW 1/2" TRAP PRIMER CONNECTION.
- 7. CONTRACTOR TO PROVIDE WATER HAMMER ARRESTORS TO DOMESTIC WATER SUPPLY LINES PRIOR TO LAST FIXTURE IN SERIES AS INDICATED. SEE WATER HAMMER ARRESTOR SCHEDULE SHEET M-200.

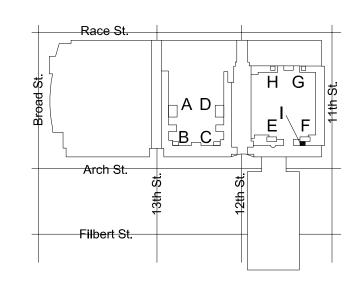
#### NEW WORK KEYED NOTES

- PROVIDE NEW WATER CLOSET AND ALL ACCESSORIES AS NOTED ON FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO, FLUSHOMETER, CARRIER, SHUT OFF VALVE, SEAT, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- P2 PROVIDE NEW URINAL AND ALL ACCESSORIES AS NOTED ON FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO, FLUSHOMETER, CARRIER, SHUT OFF VALVE, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- (P3) PROVIDE NEW LAVATORY AND ALL ACCESSORIES AS NOTED ON FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO, FAUCETS, SOAP DISPENSERS, HAND DRYERS, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- PROVIDE NEW ELECTRIC WATER COOLER AND ALL ACCESSORIES AS NOTED ON THE FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO WATER COOLER, REFRIGERATION, FILTER, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWING FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- (P5) PROVIDE NEW WATER HAMMER ARRESTOR.
- PROVIDE FLOOR DRAIN AS NOTED WITH TRAP PRIMER PER CONVENTION CENTER STANDARDS. COORDINATE FINAL LOCATION WITH ARCHITECTURAL DRAWINGS.
- (P7) CONTRACTOR SHALL PROVIDE NEW SANITARY FITTINGS FROM NEW INSTALLED SANITARY AND VENT PIPE TO EXISTING PIPE.
- (P8) EXISTING WATER HEATER TO REMAIN. PROVIDE NEW SHUT OFF VALVE FOR NEW HOT WATER SERVICE.

#### DEMOLITION KEYED NOTES

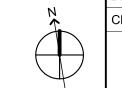
FIXTURE LOCATION AND CONNECTIONS.

- P1 REMOVE EXISTING WATER CLOSET, FLUSH VALVE, CARRIER, PIPING AND ACCESSORIES. REFER TO NEW WORK PLAN FOR NEW
- P2 REMOVE EXISTING URINAL, FLUSH VALVE, CARRIER, PIPING AND ACCESSORIES. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- P3 REMOVE EXISTING LAVATORY, FAUCET, PIPING AND ACCESSORIES. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- P4 REMOVE SANITARY PIPING IN CHASE TO ALLOW INSTALLATION OF NEW CARRIERS AND FIXTURES. EXISTING VENT PIPING MAY REMAIN. CONTRACTOR SHALL CONNECT FIXTURES TO EXISTING VENT PIPING TO MEET PHILADELPHIA PLUMBING CODE.
- P5 REMOVE EXISTING ELECTRIC WATER COOLER, PIPING AND ACCESSORIES, CUT AND CAP DOMESTIC COLD WATER PIPE. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- P6 REFER TO NOTE 1 OF DOMESTIC WATER NEW WORK FOR LIMIT OF DEMOLITION.
- P7 DEMOLISH EXISTING WATER HAMMER ARRESTER.
- P8 EXISTING WATER HEATER TO REMAIN. DEMOLISH HOT WATER PIPE BACK TO INSIDE OF JANITOR'S ROOM.



KEY PLAN - LEVEL 100

0 2' 4' 8'



NTS

: CONVERSE : WINKLER : ARCHITECTURE 331 MONTGOMERY AVE BALA CYNWYD, PA 19144

MEP ENGINEERS:



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CSA GROUP

Contact: Wing Au e-mail: wau@csagroup.com



REVISIONS:

No. Description Date

PENNSYLVANIA
NVENTION CENTER
ESTROOM RENOVATIONS

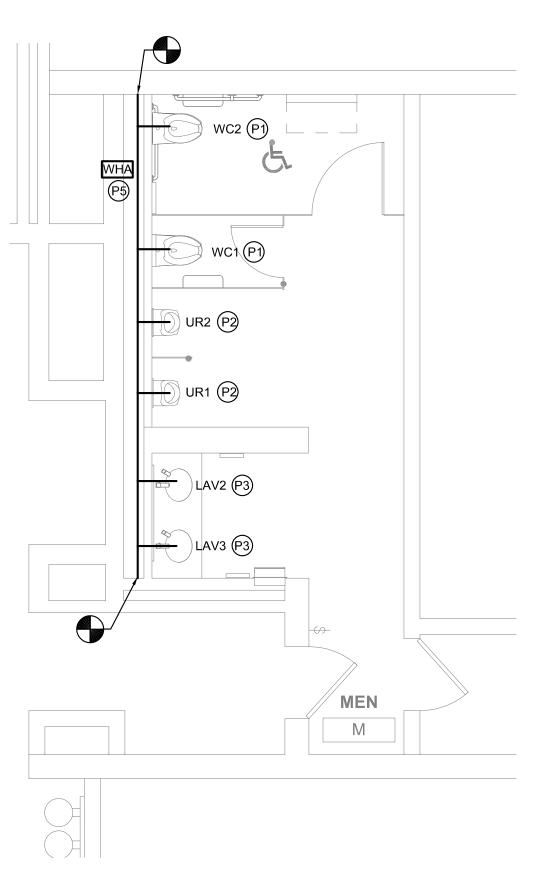
DEMOLITION &
NEW FLOOR
PLANS - ROOM I
(SEMINAR)

Project number CW1615

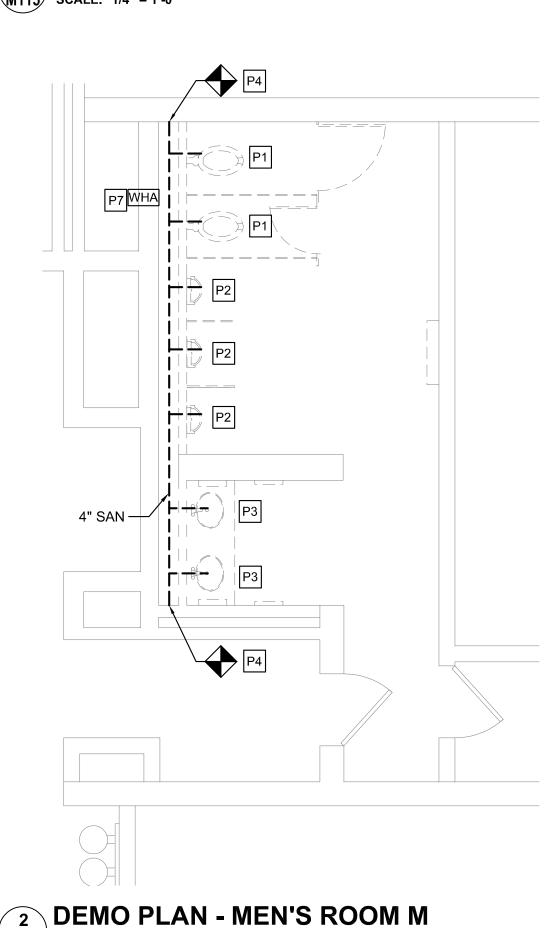
Date November 25, 2019

Drawn by DG

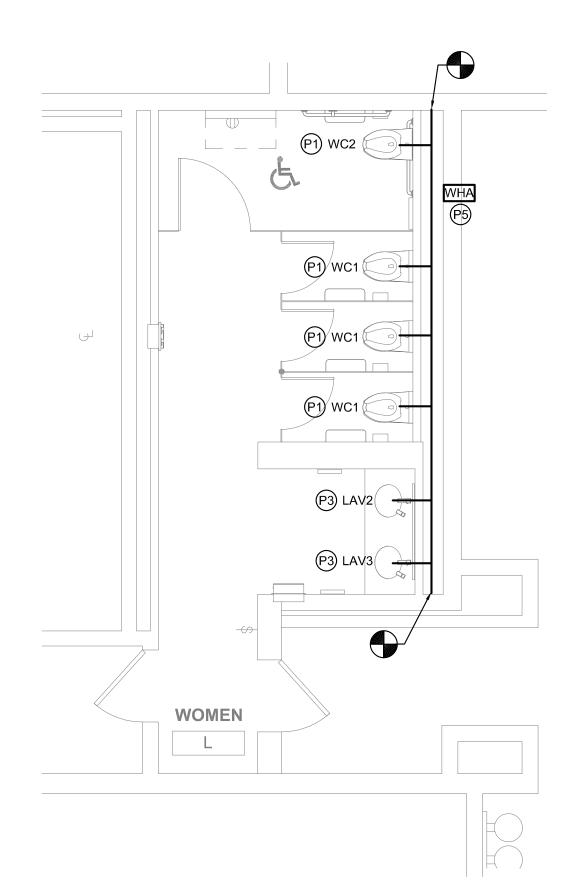
M114



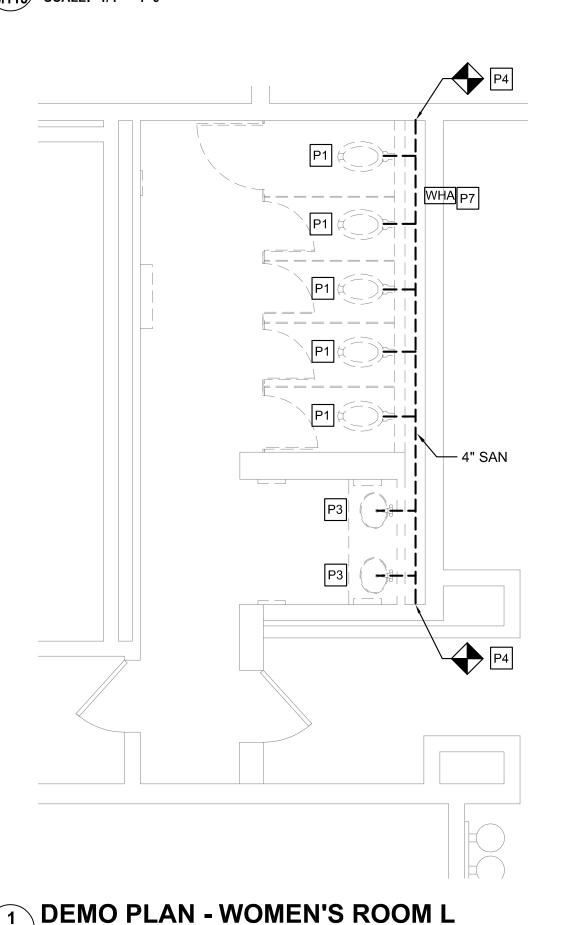




M115 SCALE: 1/4" = 1'-0"



3 FLOOR PLAN - WOMEN'S ROOM L M115 SCALE: 1/4" = 1'-0"



M115 SCALE: 1/4" = 1'-0"

#### **GENERAL NOTES**

- 1. REFER TO DRAWING M001 FOR GENERAL NOTES, ABBREVIATIONS AND LEGENDS.
- 2. REFER TO DRAWING M200 FOR SCHEDULES AND DETAILS.
- 3. REFER TO DRAWING M800 SERIES FOR SANITARY AND VENT RISER DIAGRAMS.
- 4. PIPE SIZES AS NOTED ARE FROM HISTORICAL CONSTRUCTION DOCUMENTS DATED BETWEEN 1990 AND 1992. CONTRACTOR SHALL VERIFY ALL SIZES ARE AS SHOWN PRIOR TO START OF WORK. PROVIDE NEW, REPLACE OR MODIFY AS REQUIRED.
- 5. KEYED NOTES MAY NOT APPEAR IN ALL PLAN VIEWS.
- 6. WATER HAMMER ARRESTORS ARE SHOWN FOR APPROXIMATE LOCATION. CONTRACTOR SHALL FIELD COORDINATE FINAL PLACEMENT WITH CONNECTION OF NEW FIXTURES.
- 7. DOMESTIC COLD AND HOT WATER PIPE NOT SHOWN. SEE DOMESTIC WATER NEW WORK NOTES.
- 8. NEW INSULATION SHALL BE INSTALLED FOR ALL NEW DOMESTIC COLD WATER, HOT WATER AND HOT WATER RETURN PIPING.

ŀ	PLUME	BING F	IXTURE	QUAI	NTITIE	S-L		
	EXIS	STING FIXTURES NEW FIXTURES			JRES	NET CHANGE		
DESCRIPTION	QTY	DFU	TOTAL DFU	QTY	DFU	TOTAL DFU	QTY	DFU
WATER CLOSET	5	8	40	4	8	32	-1	-8
URINAL	0	4	0	0	4	0	0	0
LAVATORY	2	2	4	2	2	4	0	0
		TOTAL	44		TOTAL	36	NET CHANGE	-8
			•			•	•	•

PLUMBING FIXTURE QUANTITIES - M										
DESCRIPTION	EXIS	EXISTING FIXTURES			W FIXTL	NET CHANGE				
	QTY	DFU	TOTAL DFU	QTY	DFU	TOTAL DFU	QTY	DFU		
WATER CLOSET	2	8	16	2	8	16	0	0		
URINAL	3	4	12	2	4	8	-1	-4		
LAVATORY	2	2	4	2	2	4	0	0		
		TOTAL	32		TOTAL	28	NET CHANGE	-4		

#### DOMESTIC WATER NEW WORK:

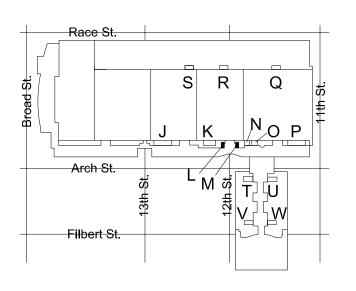
- CONTRACTOR TO DEMOLISH ALL EXISTING CW & HW WATER SUPPLY PIPE EXPOSED BY INTERIOR DEMOLITION WITHIN THE TOILET ROOM. CUT EXISTING SUPPLY PIPE AT LIMIT OF TOILET ROOM PERIMETER WALLS AND CAP FOR NEW WORK CONNECTIONS.
- CONTRACTOR TO PROVIDE NEW CW & HW SUPPLY PIPE. RECONNECT TO EXISTING INCOMING CW & HW SUPPLY PIPE CAPPED DURING DEMOLITION.
- 3. CONTRACTOR TO PROVIDE NEW DOMESTIC 1/2" CW AND HW DOMESTIC WATER SUPPLY TO EACH LAVATORY (LAV) FIXTURE.
- 4. CONTRACTOR TO PROVIDE 1" CW DOMESTIC WATER SUPPLY TO EACH WATER CLOSET (WC) FIXTURE.
- 5. CONTRACTOR TO PROVIDE 3/4" CW DOMESTIC WATER SUPPLY TO EACH URINAL (UR) FIXTURE.
- 6. WHERE NEW FLOOR DRAINS ARE NOTED ON DRAWINGS, PROVIDE NEW 1/2" TRAP PRIMER CONNECTION.
- 7. CONTRACTOR TO PROVIDE WATER HAMMER ARRESTORS TO DOMESTIC WATER SUPPLY LINES PRIOR TO LAST FIXTURE IN SERIES AS INDICATED. SEE WATER HAMMER ARRESTOR SCHEDULE SHEET M-200.

#### NEW WORK KEYED NOTES

- PROVIDE NEW WATER CLOSET AND ALL ACCESSORIES AS NOTED ON FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO, FLUSHOMETER, CARRIER, SHUT OFF VALVE, SEAT, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- PROVIDE NEW URINAL AND ALL ACCESSORIES AS NOTED ON FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO, FLUSHOMETER, CARRIER, SHUT OFF VALVE, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- (P3) PROVIDE NEW LAVATORY AND ALL ACCESSORIES AS NOTED ON FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO, FAUCETS, SOAP DISPENSERS, HAND DRYERS, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- PROVIDE NEW ELECTRIC WATER COOLER AND ALL ACCESSORIES AS NOTED ON THE FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO WATER COOLER, REFRIGERATION, FILTER, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWING FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- (P5) PROVIDE NEW WATER HAMMER ARRESTOR.
- PROVIDE FLOOR DRAIN AS NOTED WITH TRAP PRIMER PER CONVENTION CENTER STANDARDS. COORDINATE FINAL LOCATION WITH ARCHITECTURAL DRAWINGS.
- (P7) CONTRACTOR SHALL PROVIDE NEW SANITARY FITTINGS FROM NEW INSTALLED SANITARY AND VENT PIPE TO EXISTING PIPE.
- (P8) EXISTING WATER HEATER TO REMAIN. PROVIDE NEW SHUT OFF VALVE FOR NEW HOT WATER SERVICE.

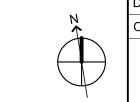
#### **DEMOLITION KEYED NOTES**

- P1 REMOVE EXISTING WATER CLOSET, FLUSH VALVE, CARRIER, PIPING AND ACCESSORIES. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- P2 REMOVE EXISTING URINAL, FLUSH VALVE, CARRIER, PIPING AND ACCESSORIES. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- P3 REMOVE EXISTING LAVATORY, FAUCET, PIPING AND ACCESSORIES. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- REMOVE SANITARY PIPING IN CHASE TO ALLOW INSTALLATION OF NEW CARRIERS AND FIXTURES. EXISTING VENT PIPING MAY REMAIN. CONTRACTOR SHALL CONNECT FIXTURES TO EXISTING VENT PIPING TO MEET PHILADELPHIA PLUMBING CODE.
- P5 REMOVE EXISTING ELECTRIC WATER COOLER, PIPING AND ACCESSORIES, CUT AND CAP DOMESTIC COLD WATER PIPE. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- P6 REFER TO NOTE 1 OF DOMESTIC WATER NEW WORK FOR LIMIT OF DEMOLITION.
- P7 DEMOLISH EXISTING WATER HAMMER ARRESTER.
- P8 EXISTING WATER HEATER TO REMAIN. DEMOLISH HOT WATER PIPE BACK TO INSIDE OF JANITOR'S ROOM.



KEY PLAN - LEVEL 200

0 2' 4' 8'



NTS



MEP ENGINEERS:



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PHILADELPHIA, PA 19125

Ph: 215.427.8700 Fax: 215.427.8752

Contact: Wing Au e-mail: wau@csagroup.com



REVISIONS:

No. Description Date

PENNSYLVANIA

ONVENTION CENTER

RESTROOM RENOVATIONS

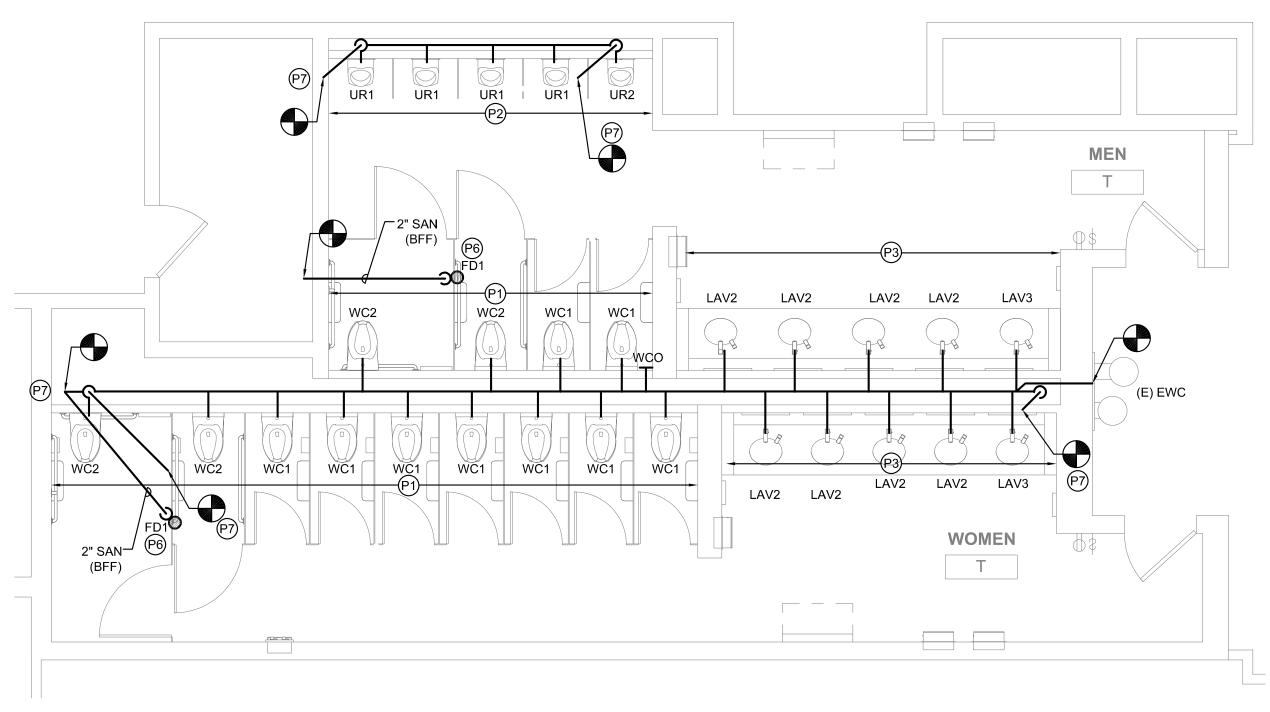
DEMOLITION &
NEW FLOOR
PLANS - ROOMS
L, M (SEMINAR)

Project number CW1615

Date November 25, 2019

Drawn by DG

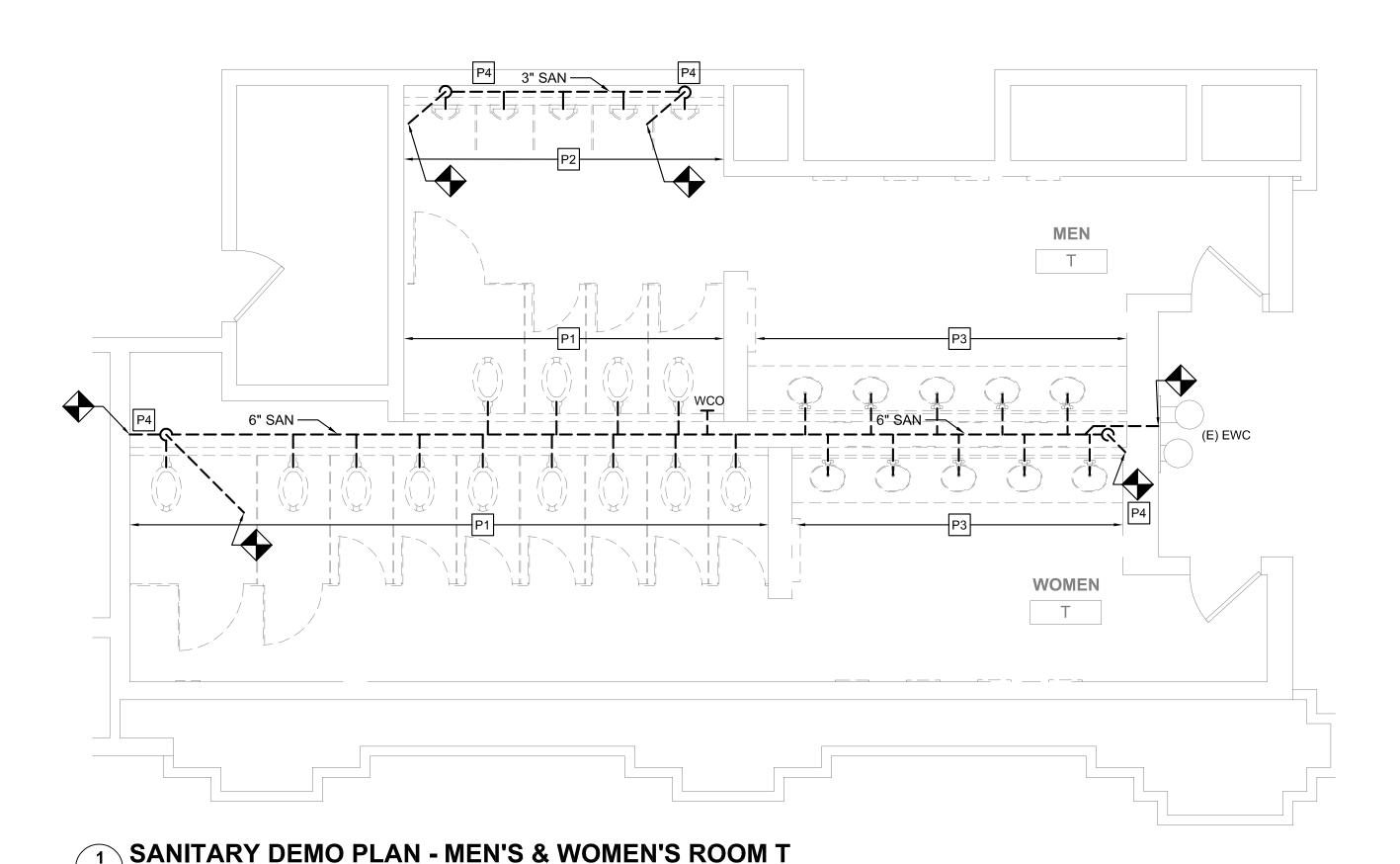
M115



2 SANITARY FLOOR PLAN - MEN'S & WOMEN'S ROOM T

M116 SCALE: 1/4" = 1'-0"

M116 SCALE: 1/4" = 1'-0"



#### **GENERAL NOTES**

- 1. REFER TO DRAWING M001 FOR GENERAL NOTES, ABBREVIATIONS AND LEGENDS.
- 2. REFER TO DRAWING M200 FOR SCHEDULES AND DETAILS.
- 3. REFER TO DRAWING M800 SERIES FOR SANITARY AND VENT RISER DIAGRAMS.
- 4. PIPE SIZES AS NOTED ARE FROM HISTORICAL CONSTRUCTION DOCUMENTS DATED BETWEEN 1990 AND 1992. CONTRACTOR SHALL VERIFY ALL SIZES ARE AS SHOWN PRIOR TO START OF WORK. PROVIDE NEW, REPLACE OR MODIFY AS REQUIRED.
- 5. KEYED NOTES MAY NOT APPEAR IN ALL PLAN VIEWS.
- 6. WATER HAMMER ARRESTORS ARE SHOWN FOR APPROXIMATE LOCATION. CONTRACTOR SHALL FIELD COORDINATE FINAL PLACEMENT WITH CONNECTION OF NEW FIXTURES.
- 7. DOMESTIC COLD AND HOT WATER PIPE NOT SHOWN. SEE DOMESTIC WATER NEW WORK NOTES.
- 8. NEW INSULATION SHALL BE INSTALLED FOR ALL NEW DOMESTIC COLD WATER, HOT WATER AND HOT WATER RETURN PIPING.

PLUMBING FIXTURE QUANTITIES - T											
DESCRIPTION	EXIS	ΓING FIX	TURES	NE	W FIXTU	NET CHANGE					
	QTY	DFU	TOTAL DFU	QTY	DFU	TOTAL DFU	QTY	DFU			
WATER CLOSET	13	8	104	13	8	104	0	0			
URINAL	5	4	20	5	4	20	0	0			
LAVATORY	10	2	20	10	2	20	0	0			
ELECTRIC WATER COOLER	1	1	1	0	0	0	0	0			
FLOOR DRAIN	0	0	0	2	3	6	2	+6			
TOTAL 145 TOTAL 150 NET +6											
NOTE: TOILET ROOM T	HAS EX	ISTING	ELECTRIC	WATER	R COOLE	R. EXISTI	NG TO REM	AIN.			

NOTE: TOILET ROOM THAS EXISTING ELECTRIC WATER COOLER, EXISTING TO REMAIN. NO CHANGE IN DFU'S. NEW PIPE (CW, SAN AND VENT) WILL BE PROVIDED TO THE EXISTING FIXTURE FOR NEW CONNECTION.

#### DOMESTIC WATER NEW WORK:

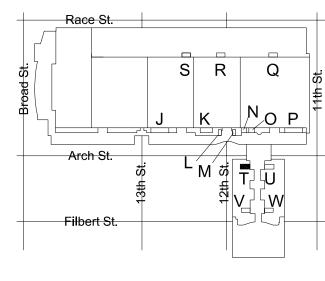
- 1. CONTRACTOR TO DEMOLISH ALL EXISTING CW & HW WATER SUPPLY PIPE EXPOSED BY INTERIOR DEMOLITION WITHIN THE TOILET ROOM. CUT EXISTING SUPPLY PIPE AT LIMIT OF TOILET ROOM PERIMETER WALLS AND CAP FOR NEW WORK CONNECTIONS.
- 2. CONTRACTOR TO PROVIDE NEW CW & HW SUPPLY PIPE. RECONNECT TO EXISTING INCOMING CW & HW SUPPLY PIPE CAPPED DURING DEMOLITION.
- 3. CONTRACTOR TO PROVIDE NEW DOMESTIC 1/2" CW AND HW DOMESTIC WATER SUPPLY TO EACH LAVATORY (LAV) FIXTURE.
- 4. CONTRACTOR TO PROVIDE 1" CW DOMESTIC WATER SUPPLY TO EACH WATER CLOSET (WC) FIXTURE.
- 5. CONTRACTOR TO PROVIDE 3/4" CW DOMESTIC WATER SUPPLY TO EACH URINAL (UR) FIXTURE.
- 6. WHERE NEW FLOOR DRAINS ARE NOTED ON DRAWINGS, PROVIDE NEW 1/2" TRAP PRIMER CONNECTION.
- 7. CONTRACTOR TO PROVIDE WATER HAMMER ARRESTORS TO DOMESTIC WATER SUPPLY LINES PRIOR TO LAST FIXTURE IN SERIES AS INDICATED. SEE WATER HAMMER ARRESTOR SCHEDULE SHEET M-200.

#### NEW WORK KEYED NOTES

- (P1) PROVIDE NEW WATER CLOSET AND ALL ACCESSORIES AS NOTED ON FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO, FLUSHOMETER, CARRIER, SHUT OFF VALVE, SEAT, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- P2) PROVIDE NEW URINAL AND ALL ACCESSORIES AS NOTED ON FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO. FLUSHOMETER, CARRIER, SHUT OFF VALVE, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- (P3) PROVIDE NEW LAVATORY AND ALL ACCESSORIES AS NOTED ON FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO, FAUCETS, SOAP DISPENSERS, HAND DRYERS, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- P4 PROVIDE NEW ELECTRIC WATER COOLER AND ALL ACCESSORIES AS NOTED ON THE FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO WATER COOLER, REFRIGERATION, FILTER, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWING FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- (P5) PROVIDE NEW WATER HAMMER ARRESTOR.
- (P6) PROVIDE FLOOR DRAIN AS NOTED WITH TRAP PRIMER PER CONVENTION CENTER STANDARDS. COORDINATE FINAL LOCATION WITH ARCHITECTURAL DRAWINGS.
- (P7) CONTRACTOR SHALL PROVIDE NEW SANITARY FITTINGS FROM NEW INSTALLED SANITARY AND VENT PIPE TO EXISTING PIPE.
- (P8) EXISTING WATER HEATER TO REMAIN. PROVIDE NEW SHUT OFF VALVE FOR NEW HOT WATER SERVICE.

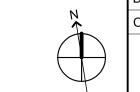
#### **DEMOLITION KEYED NOTES**

- P1 REMOVE EXISTING WATER CLOSET, FLUSH VALVE, CARRIER, PIPING AND ACCESSORIES. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- P2 REMOVE EXISTING URINAL, FLUSH VALVE, CARRIER, PIPING AND ACCESSORIES. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- P3 REMOVE EXISTING LAVATORY, FAUCET, PIPING AND ACCESSORIES. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- P4 REMOVE SANITARY PIPING IN CHASE TO ALLOW INSTALLATION OF NEW CARRIERS AND FIXTURES. EXISTING VENT PIPING MAY REMAIN. CONTRACTOR SHALL CONNECT FIXTURES TO EXISTING VENT PIPING TO MEET PHILADELPHIA PLUMBING CODE.
- P5 REMOVE EXISTING ELECTRIC WATER COOLER, PIPING AND ACCESSORIES, CUT AND CAP DOMESTIC COLD WATER PIPE. REFER TO NEW WORK PLAN FOR NEW FIXTURE LOCATION AND CONNECTIONS.
- P6 REFER TO NOTE 1 OF DOMESTIC WATER NEW WORK FOR LIMIT OF
- P7 DEMOLISH EXISTING WATER HAMMER ARRESTER.
- EXISTING WATER HEATER TO REMAIN. DEMOLISH HOT WATER PIPE BACK TO INSIDE OF JANITOR'S ROOM.



KEY PLAN - LEVEL 200





NTS

:::::: CONVERSE **WINKLER** ARCHITECTURE 331 MONTGOMERY AVE BALA CYNWYD, PA 19144

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REVISIONS:

No. Description Date

ER NIA PENNSYLV ONVENTION

**DEMOLITION & NEW FLOOR** PLANS - ROOM T (SEMINAR)

CW1615 Project number November 25, 2019 Drawn by

Checked by