

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**°

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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

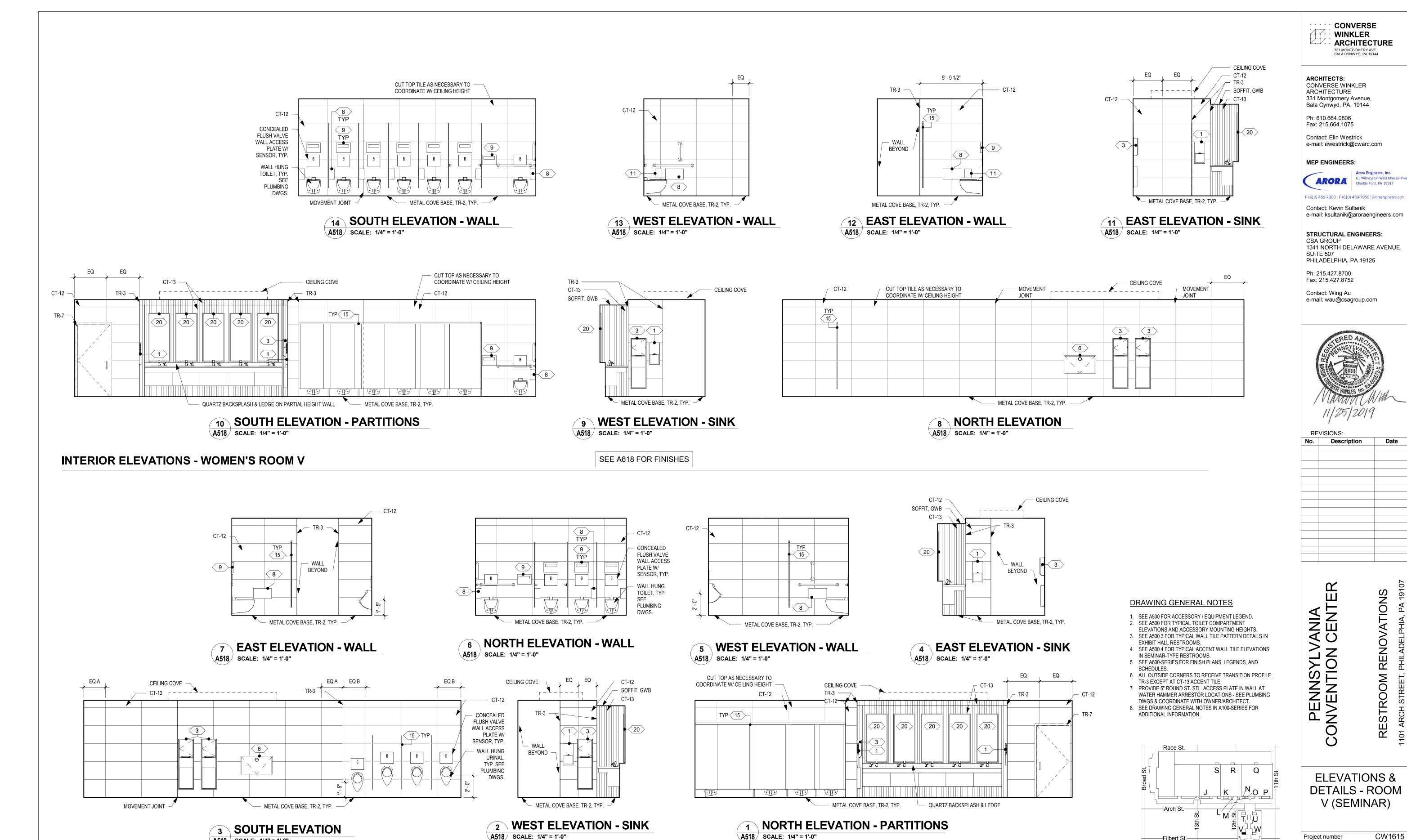
RESTROOM RENOVATIONS
101 ARCH STREET, PHILADELPHIA, PA 191

ELEVATIONS & DETAILS - ROOM T (SEMINAR)

CW1615 Project number November 25, 2019 LC/KR

EW

A516



SEE A618 FOR FINISHES

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

INTERIOR ELEVATIONS - MEN'S ROOM V

A518

November 25, 2019

LC/KR

EW

As indicated

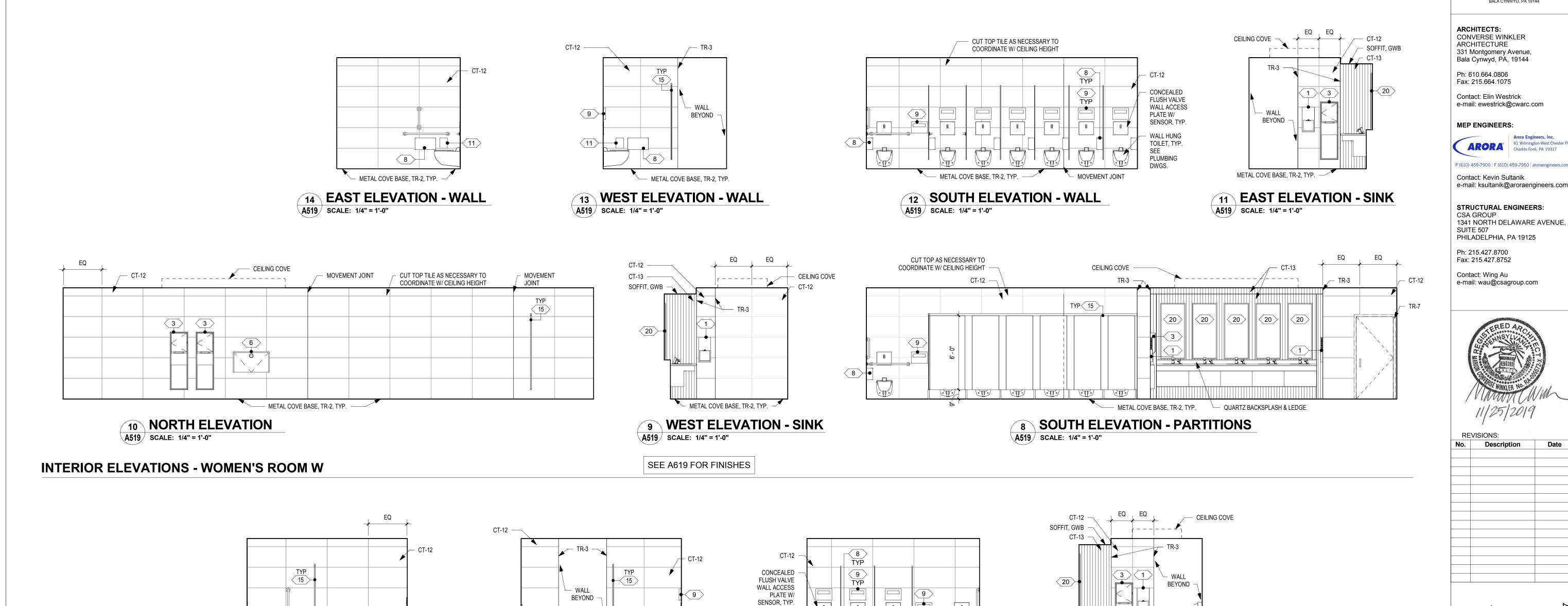
Project number

Drawn by

Checked by

-Filbert St.-

KEY PLAN - LEVEL 200

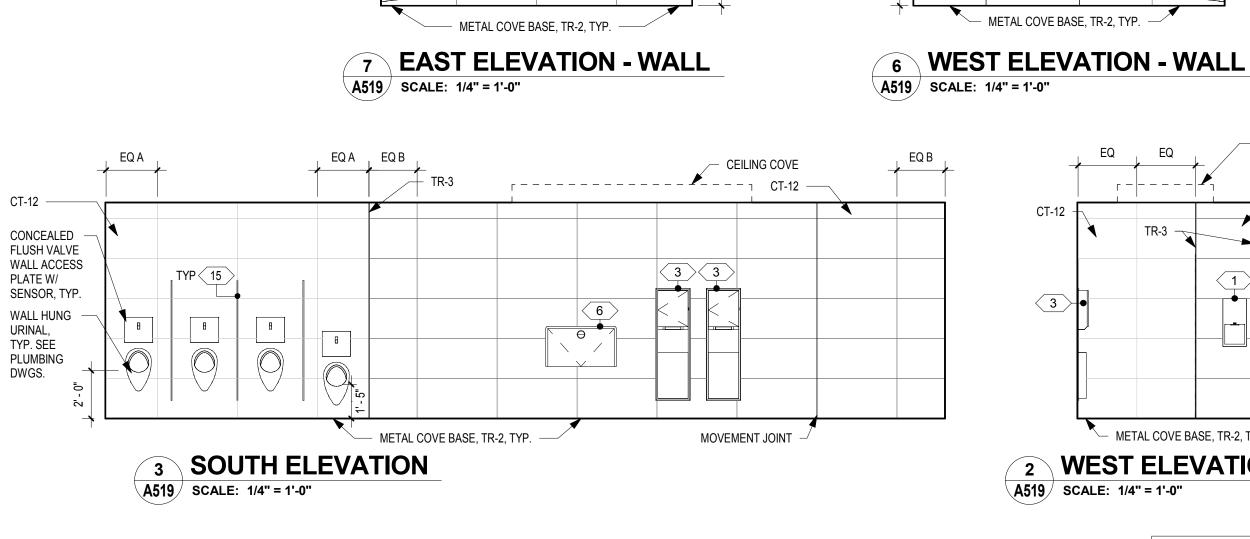


WALL HUNG TOILET, TYP.

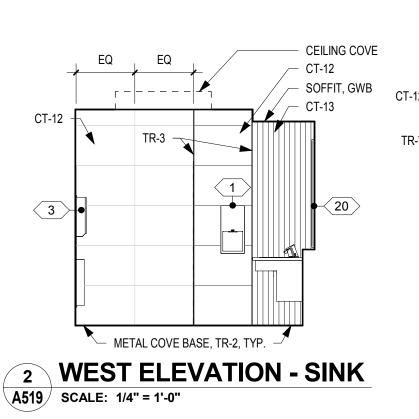
PLUMBING DWGS.

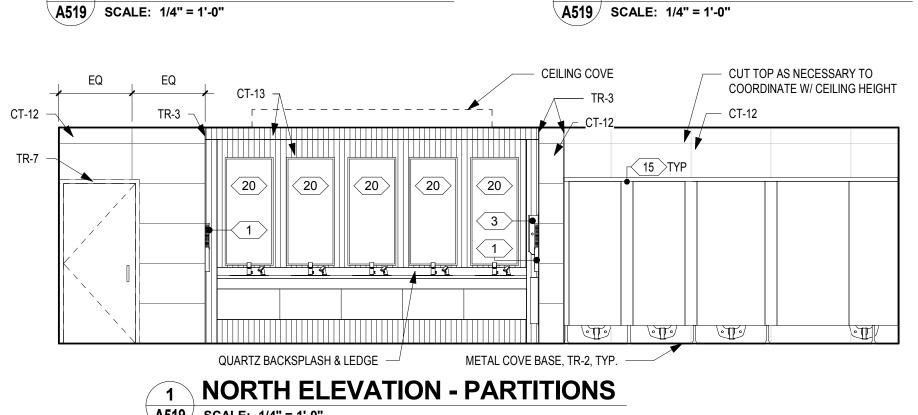
SEE

5 NORTH ELEVATION - WALL



8





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

INTERIOR ELEVATIONS - MEN'S ROOM W

SEE A619 FOR FINISHES

DRAWING GENERAL NOTES

METAL COVE BASE, TR-2, TYP.

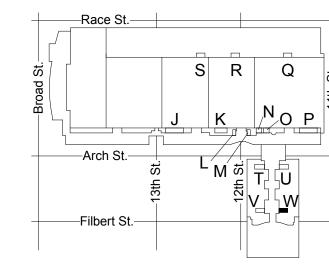
EAST ELEVATION - SINK

- 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

ELEVATIONS & DETAILS - ROOM W (SEMINAR)

RESTROOM RENOVATIONS
101 ARCH STREET, PHILADELPHIA, PA 191

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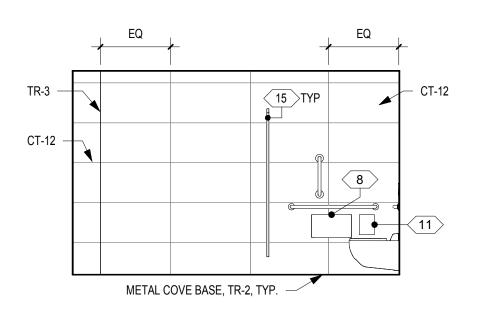
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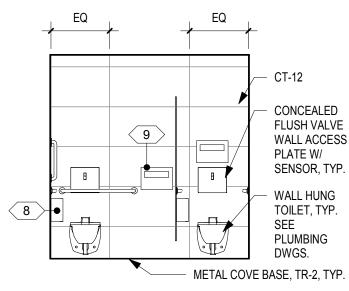
CW1615 Project number November 25, 2019 Drawn by LC/KR EW Checked by

NTS

A519

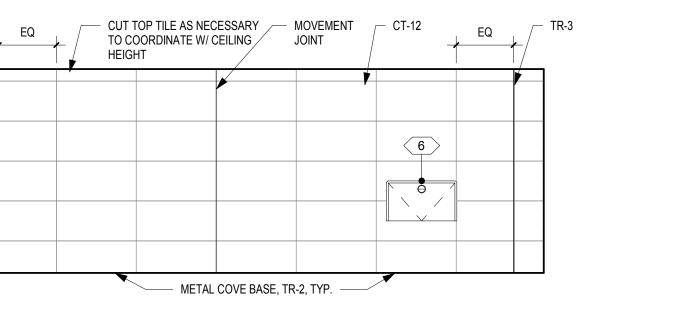


NORTH ELEVATION - WALL A520 SCALE: 1/4" = 1'-0"





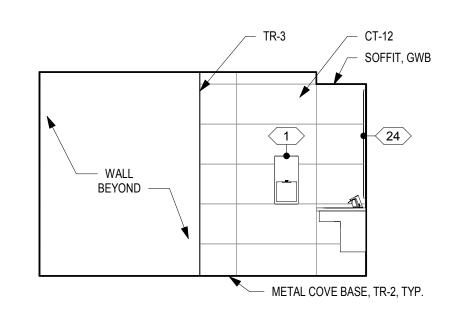




8 WEST ELEVATION A520 SCALE: 1/4" = 1'-0"

TYP 15

CT-12 — METAL COVE BASE, TR-2, TYP.



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

10 EAST ELEVATION - PARTITIONS A520 SCALE: 1/4" = 1'-0"

INTERIOR ELEVATIONS - WOMEN'S ROOM X

METAL COVE BASE, TR-2, TYP.

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

24

SEE A620 FOR FINISHES

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

SOUTH ELEVATION

- SOFFIT, GWB

24

METAL COVE BASE, TR-2, TYP.

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

SOUTH ELEVATION

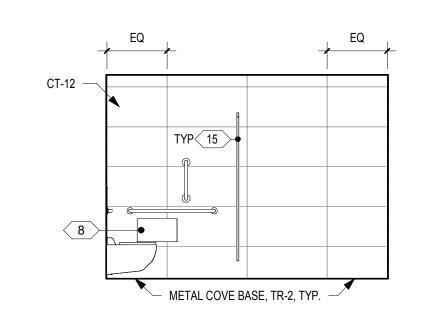
CT-12

TR-7

CT-12 -

SOFFIT, GWB

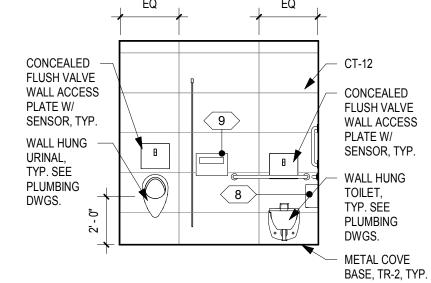
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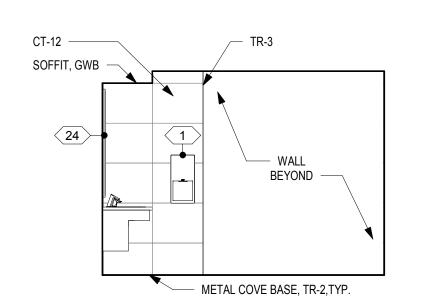
6 NORTH ELEVATION - WALL A520 SCALE: 1/4" = 1'-0"

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"

METAL COVE BASE, TR-2, TYP.

- MOVEMENT JOINT

- CUT TOP TILE AS NECESSARY TO COORDINATE W/ CEILING

CT-12 -

HEIGHT

SEE A620 FOR FINISHES

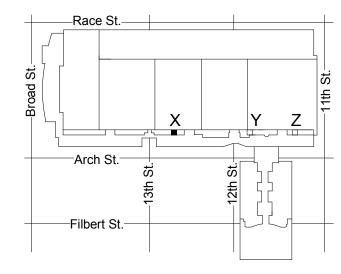
A520 SCALE: 1/4" = 1'-0"

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

DETAILS -ROOMS X (SEMINAR)

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

A520

As indicated

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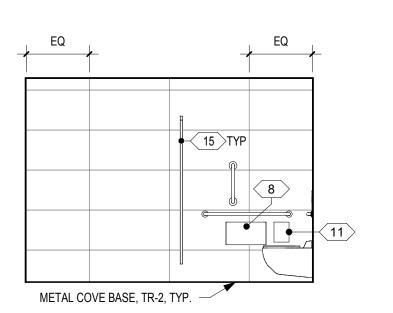
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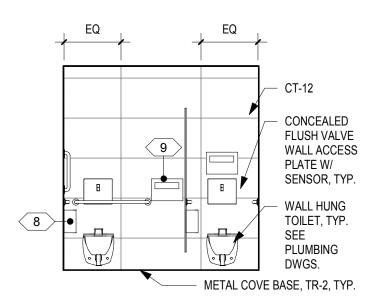
ELEVATIONS &

Checked by

NTS

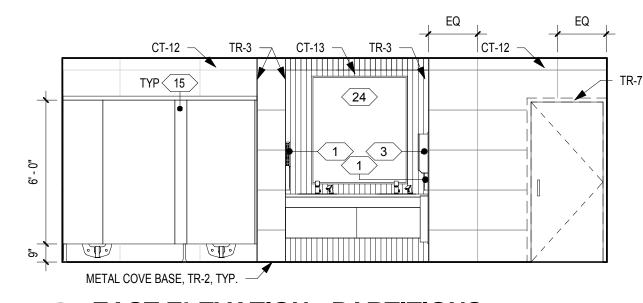


NORTH ELEVATION - WALL A521 SCALE: 1/4" = 1'-0"

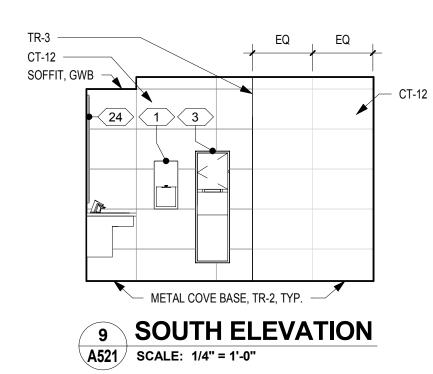


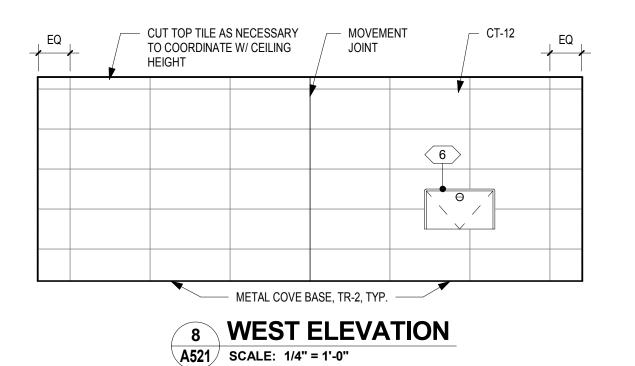
EAST ELEVATION - WALL

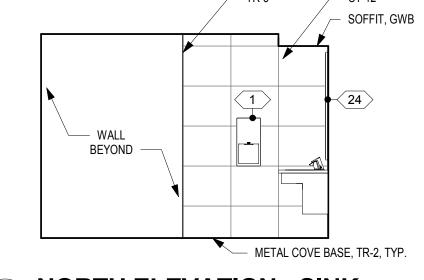
A521 SCALE: 1/4" = 1'-0"



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



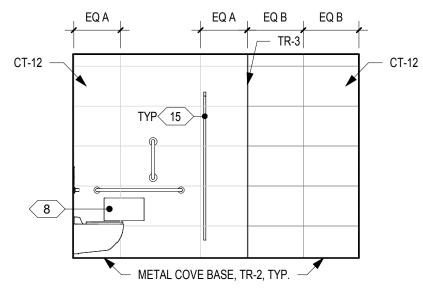




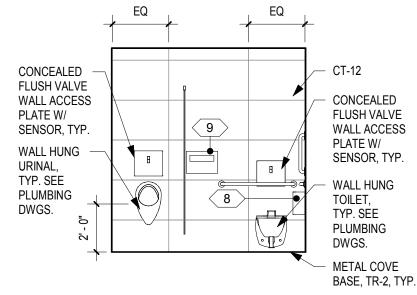
NORTH ELEVATION - SINK A521 SCALE: 1/4" = 1'-0"

INTERIOR ELEVATIONS - WOMEN'S ROOM Y

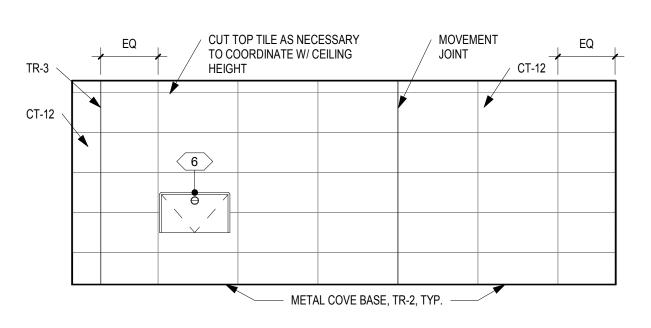
SEE A621 FOR FINISHES



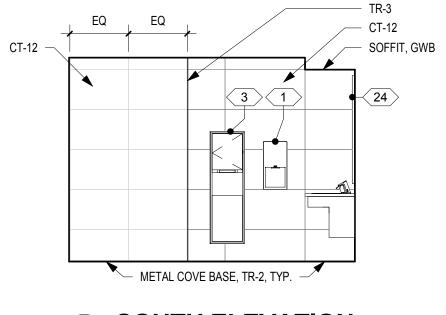
6 NORTH ELEVATION - WALL A521 SCALE: 1/4" = 1'-0"



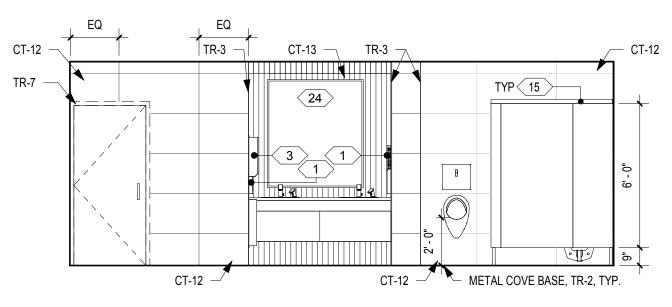
EAST ELEVATION - WALL A521 SCALE: 1/4" = 1'-0"



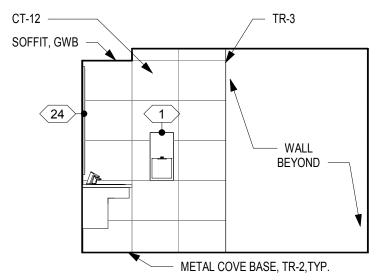
EAST ELEVATION SCALE: 1/4" = 1'-0"



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



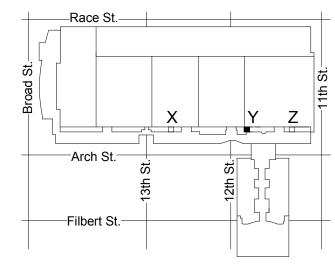
2 WEST ELEVATION -PARTITIONS A521 SCALE: 1/4" = 1'-0"



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

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.
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- DWGS & COORDINATE WITH OWNER/ARCHITECT.
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KEY PLAN - LEVEL 300

ELEVATIONS & DETAILS -**ROOMS Y**

(SEMINAR)

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Contact: Wing Au

REVISIONS:

PENNSYLVANIA CONVENTION CENTER

Description

Date

RESTROOM RENOVATIONS
101 ARCH STREET, PHILADELPHIA, PA 191

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

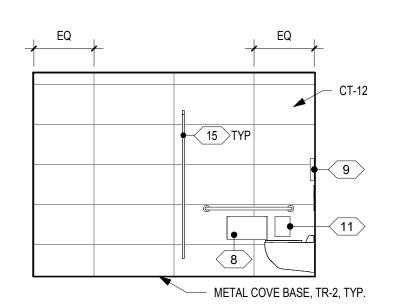
A521

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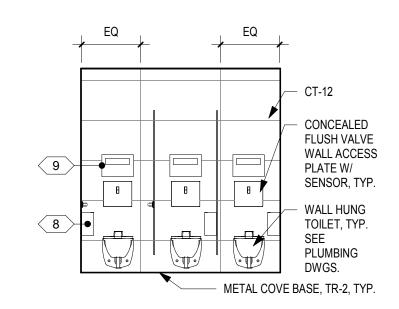
As indicated

INTERIOR ELEVATIONS - MEN'S ROOM Y

SEE A621 FOR FINISHES

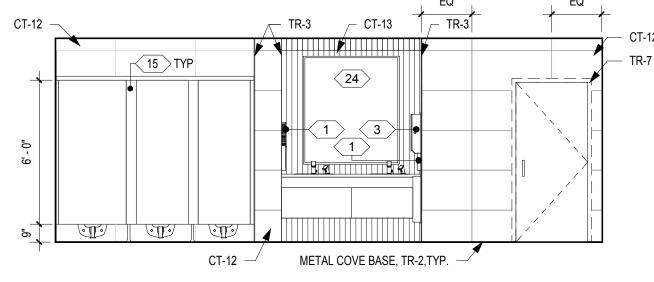


NORTH ELEVATION - WALL A522 SCALE: 1/4" = 1'-0"

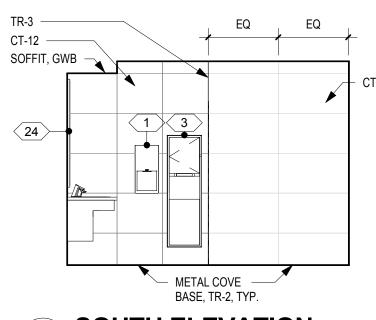


EAST ELEVATION - WALL

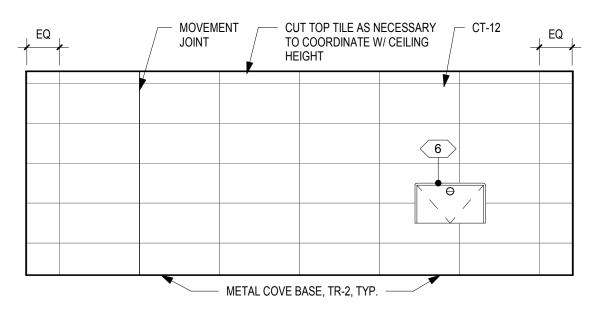
A522 SCALE: 1/4" = 1'-0"



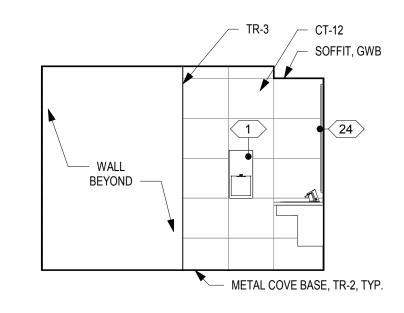








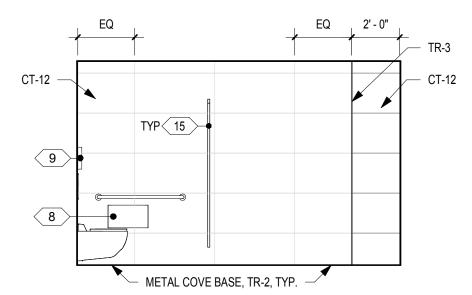
8 WEST ELEVATION A522 | SCALE: 1/4" = 1'-0"



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

INTERIOR ELEVATIONS - WOMEN'S ROOM Z

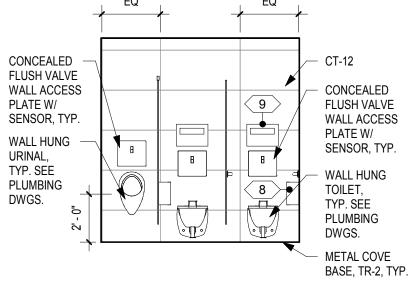
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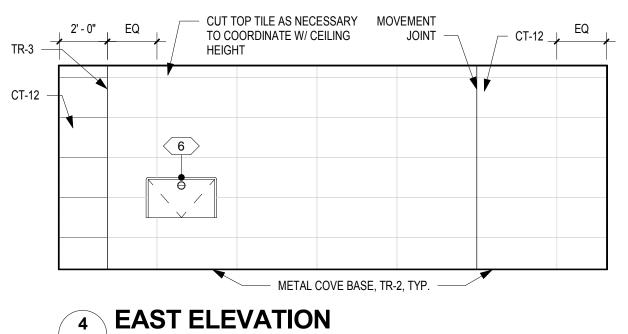


CT-13 \longrightarrow TR-3 \longrightarrow

24

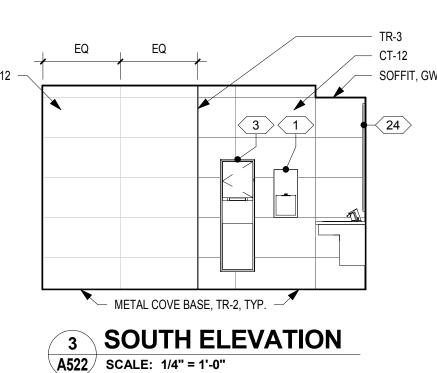


5 WEST ELEVATION - WALL A522 SCALE: 1/4" = 1'-0"



INTERIOR ELEVATIONS - MEN'S ROOM Z

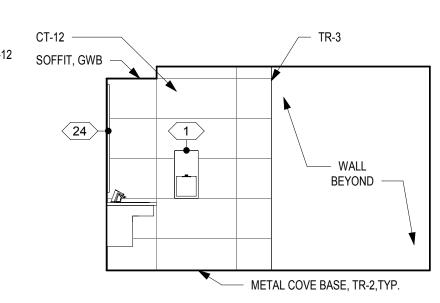
A522 SCALE: 1/4" = 1'-0"



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

TR-3

SEE A622 FOR FINISHES

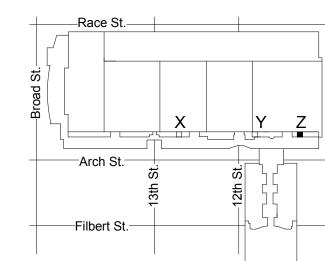


NORTH ELEVATION - SINK A522 SCALE: 1/4" = 1'-0"

KEY PLAN - LEVEL 300

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.
- 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.



NTS

CW1615 Project number

ELEVATIONS &

DETAILS - ROOM

Z (SEMINAR)

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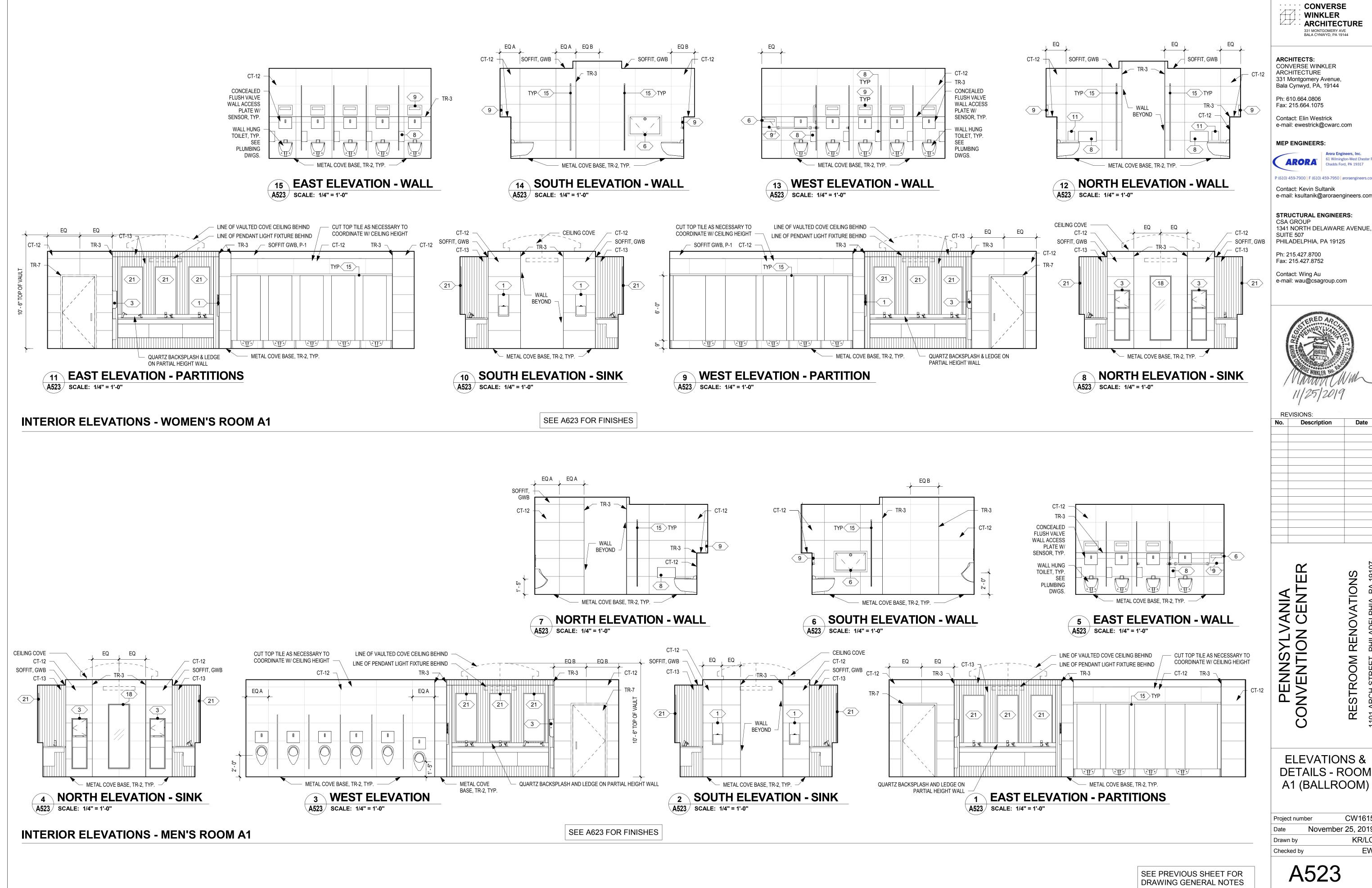
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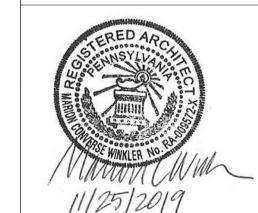
November 25, 2019 Drawn by KR/LC EW Checked by

A522



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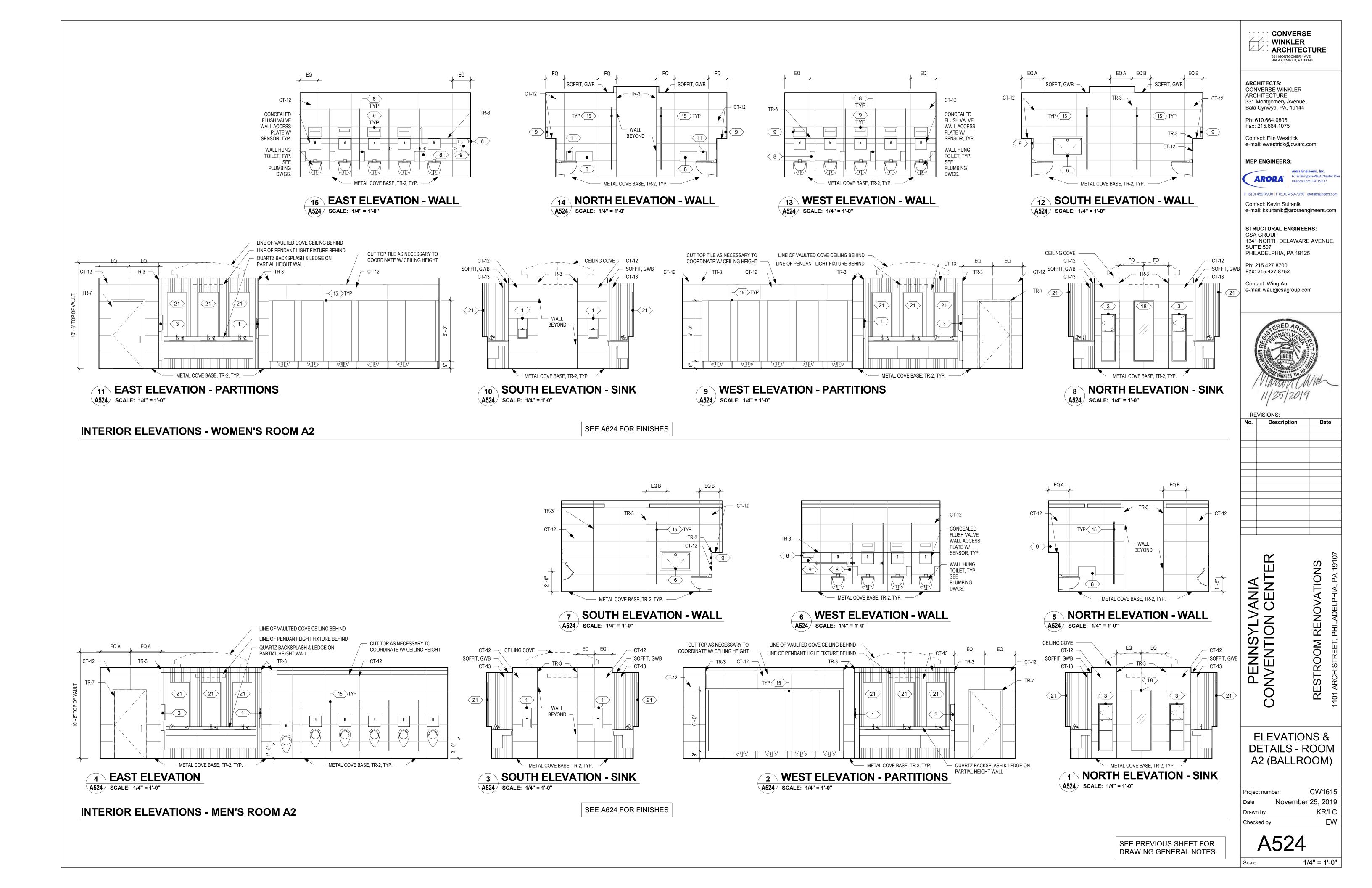


RESTROOM RENOVATIONS
101 ARCH STREET, PHILADELPHIA, PA 191

ELEVATIONS & DETAILS - ROOM A1 (BALLROOM)

CW1615 November 25, 2019 KR/LC EW

1/4" = 1'-0"

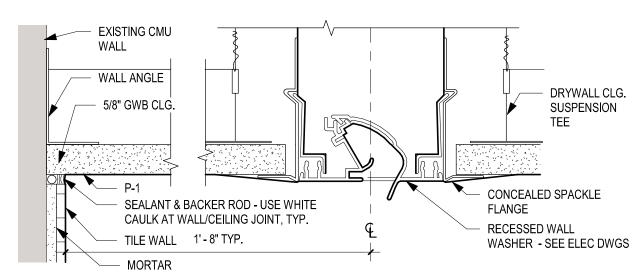


		F	INISH LEGEND			
ABBREV.	ITEM	SUPPLIER/MANUFACTURER	PRODUCT	COLOR	SIZE	COMMENTS
CT-1	CERAMIC WALL TILE - FIELD (EXHIBIT)	CE. SI.	I COLORI	TALCO	8" x 24" (20x60cm)	USE GROUT GR-1
CT-2	,	CE. SI.	I COLORI	ANTHRACITE	4" x 24", 8" x 24" (10x60, 20x60cm)	USE GROUT GR-1
CT-3	CERAMIC WALL TILE - ACCENT (EXHIBIT)	CE. SI.	I COLORI	SALGEMMA	4" x 24", 8" x 24" (10x60, 20x60cm)	USE GROUT GR-1
T-4	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
T-8	NOT USED—					
CT-9	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
T-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
R-4	GROUT - WALL ACCENT (SEMINAR/BALLROOM)	CUSTOM BUILDING PRODUCTS	PRISM	#60 CHARCOAL	_	SEE SPECIFICATIONS
R-5	,	CUSTOM BUILDING PRODUCTS	CEG-LITE EPOXY GROUT	#540 TRUFFLE	_	SEE SPECIFICATIONS
P-1	· · ·	SHERWIN WILLIAMS	GWB, PAINTED	SW 7007 CEILING BRIGHT WHITE	-	-
P-2	PAINT - CEILING COVE ACCENT	SHERWIN WILLIAMS	GWB, PAINTED	SW 0023 PEWTER TANKARD	-	-
P-3	PAINT - SOFFIT AT ACCENT WALL (SEMINAR/BALLROOM)	SHERWIN WILLIAMS	GWB, PAINTED	SW 6258 TRICORN BLACK	-	-
'- 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
P-7	PAINT - EXISTING CMU AT EXHIBIT ENTRY	SHERWIN WILLIAMS	EXISTING CMU PAINTED	SW 6065 BONAFIDE BEIGE	-	-
'- 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
B-1		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
:	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		SCHULTER	DILEX-HKU	ST. STL.	3/8"	-
R-3	, ,	SCHULTER	QUADEC	ST. STL.	TBD	-
R-4		SCHULTER	RONDEC	ANO. ALUM GRAPHITE		-
TR-5	ACCENT WALL INSIDE CORNER (SEMINAR/BALLROOM)	SCHULTER	DILEX-BWA	GS. BLACK	TBD	USE ON INSIDE CORNER JOINTS
R-6	· · · · · · · · · · · · · · · · · · ·	CUSTOM BUILDING PRODUCTS	100% SILICONE CAULK	#183 CHATEAU		TO MATCH FIELD TILE GROUT COLOR
R-7	,	SCHULTER	SCHIENE	ST. STL.	TBD	- IS WATCHTILLD HEL GROUP COLOR
VP-1	WALL PATTERN 1 - ACCENT (EXHIBIT)	CE. SI.	I COLORI	VARIES	_	SEE SHEET A500.3
	, ,				-	
VP-2	WALL PATTERN 2 - ACCENT (EXHIBIT)	CE. SI.	I COLORI	VARIES		SEE SHEET A500.3
NP-3	WALL PATTERN 4 - ACCENT (EXHIBIT)	CE. SI.	I COLORI	VARIES	-	SEE SHEET A500.3
NP-4	, ,	CE. SI.	I COLORI	VARIES	-	SEE SHEET A500.3
NP-5	,	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

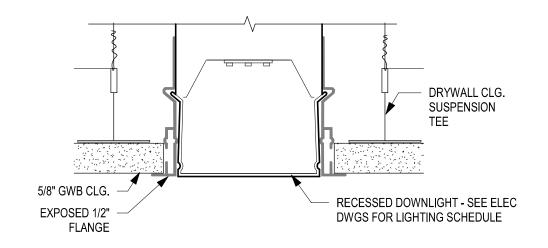
ROOM		FLOOR		BASE	WALL		CEILING		
LETTER	NAME	FIELD	TRANSITION	BASE	NORTH	SOUTH	WEST	EAST	CEILING & SOFFIT
F	WOMEN	RF-1	TR-1	RB-1	WP-1/ WP-2	WP-2	WP-3	WP-1	P-1
F	MEN	RF-1	TR-1	RB-1	WP-1/ WP-2	WP-2	WP-1	WP-3	P-1
G	WOMEN	RF-1	TR-1	RB-1	WP-1	WP-1	WP-4	WP-2	P-1
G	MEN	RF-1	TR-1	RB-1	WP-1	WP-1	WP-2	WP-4	P-1
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

										Ta=	_		
ROOM	1	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
V	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
V	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
Y	WOMEN	CT-10	CT-11	TR-6	TR-2	CT-12	CT-12	CT-12	CT-12	P-1	-	P-3	Q-1
Y	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

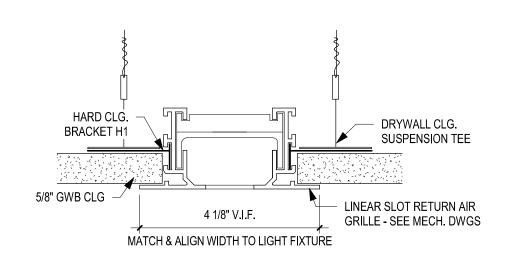
		F	ROOM	FINISH	SCHE	DULE	- BALL	ROOM	REST	ROOM	S		
ROOM		FLOOR			BASE	WALL				CEILING	CEILING		
LETTER	NAME	FIELD	INSERT	MOVEMENT JOINT	COVE	NORTH	SOUTH	WEST	EAST	CEILING	COVE CEILING	SOFFIT AT SINKS	COUNTERTOP
A1	MEN	CT-10	CT-11	TR-6	TR-2	CT-12	CT-12	CT-12	CT-12	P-1	P-2	P-3	Q-1
A 1	WOMEN	CT-10	CT-11	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



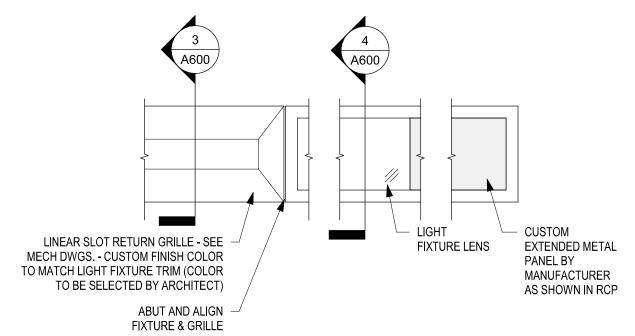
5 WALL WASHER DETAIL - EXHIBIT HALL TYPE A600 SCALE: 6" = 1'-0"



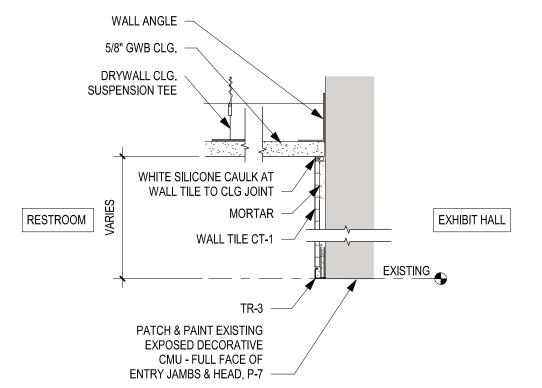
4 DOWNLIGHT DETAIL - EXHIBIT HALL TYPE A600 SCALE: 6" = 1'-0"



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

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BALA CYNWYD, PA 19144

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MEP ENGINEERS:

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61 Wilmington-West Chester Pik
Chadds Ford, PA 19317

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

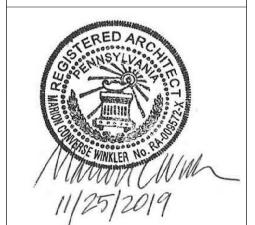
Contact: Kevin Sultanik e-mail: ksultanik@aroraengineers.com

STRUCTURAL ENGINEERS: CSA GROUP

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 Date

1 ASI #2 03.05.20

NTER

PENNSYLVANIA
CONVENTION CENTER
RESTROOM RENOVATIONS

TYPICAL CEILING DETAILS & SCHEDULES

Project number CW1615

Date November 25, 2019

Drawn by KR/LC

Checked by EW

A600

Scale As indicated

EXHIBIT HALL	# WOOQ F-M-1 F-W-1 G-M-1 H-M-1 J-W-1 K-M-1 K-W-1 N-W-1 O-M-1 P-W-1 Q-M-1 Q-W-1 R-M-1	JANITOR	EXG EXG EXG EXG EXG EXG EXG EXG EXG	SIZE	MH MH MH MATERIAL	(INSIDE/ONTSIDE)	EXG EXG EXG EXG	H H MATERIAL MA	E FINISH (INSIDE/ONTSIDE)	· · HARDWARE SET	NOTES
EXHIBIT HALL	F-M-1 F-W-1 G-M-1 H-M-1 J-M-1 J-W-1 K-M-1 K-W-1 N-W-1 O-M-1 P-M-1 P-W-1 Q-M-1	JANITOR	EXG EXG EXG EXG EXG EXG EXG EXG	- - - - - -	HM HM HM HM HM	P-4 P-4 P-4 P-4	EXG EXG	HM HM HM	P-4 P-4	-	NOTES
EXHIBIT HALL	F-M-1 F-W-1 G-M-1 H-M-1 J-M-1 J-W-1 K-M-1 K-W-1 N-W-1 O-M-1 P-M-1 P-W-1 Q-M-1	JANITOR	EXG EXG EXG EXG EXG EXG EXG EXG	- - - - - -	HM HM HM HM HM	P-4 P-4 P-4 P-4	EXG EXG	HM HM HM	P-4 P-4	-	
EXHIBIT HALL	G-M-1 H-M-1 J-M-1 J-W-1 K-M-1 K-W-1 N-W-1 O-M-1 P-M-1 P-W-1 Q-M-1	JANITOR	EXG EXG EXG EXG EXG EXG EXG	- - - -	HM HM HM HM	P-4 P-4 P-4	EXG	НМ			
EXHIBIT HALL	H-M-1 J-M-1 J-W-1 K-M-1 K-W-1 N-W-1 O-M-1 P-M-1 P-W-1 Q-M-1	JANITOR	EXG EXG EXG EXG EXG EXG	- - - -	HM HM HM	P-4 P-4			P-4	-	
EXHIBIT HALL	J-M-1 J-W-1 K-M-1 K-W-1 N-W-1 O-M-1 P-M-1 P-W-1 Q-M-1	JANITOR JANITOR JANITOR JANITOR JANITOR JANITOR JANITOR JANITOR JANITOR	EXG EXG EXG EXG EXG		HM HM HM	P-4	EXG				
EXHIBIT HALL	J-W-1 K-M-1 K-W-1 N-W-1 O-M-1 P-M-1 P-W-1 Q-M-1	JANITOR JANITOR JANITOR JANITOR JANITOR JANITOR JANITOR JANITOR	EXG EXG EXG EXG	-	HM HM		->/-	НМ	P-4	-	
EXHIBIT HALL	K-M-1 K-W-1 N-W-1 O-M-1 P-M-1 P-W-1 Q-M-1	JANITOR JANITOR JANITOR JANITOR JANITOR JANITOR	EXG EXG EXG	-	НМ		EXG	HM HM	P-4 P-4	-	1
EXHIBIT HAL	K-W-1 N-W-1 O-M-1 P-M-1 P-W-1 Q-M-1 Q-W-1	JANITOR JANITOR JANITOR JANITOR JANITOR	EXG EXG	-		P-4	EXG EXG	НМ	P-4 P-4	-	
EXHIBIT	N-W-1 O-M-1 P-M-1 P-W-1 Q-M-1 Q-W-1	JANITOR JANITOR JANITOR JANITOR	EXG EXG		HM	P-4	EXG	HM	P-4 P-4	-	
EXHIBIT	O-M-1 P-M-1 P-W-1 Q-M-1 Q-W-1	JANITOR JANITOR JANITOR	EXG	-	НМ	P-4	EXG	НМ	P-4	-	<u> </u>
F	P-W-1 Q-M-1 Q-W-1	JANITOR JANITOR		-	НМ	P-4	EXG	НМ	P-4	-	
F	Q-M-1 Q-W-1		EXG	-	НМ	P-4	EXG	НМ	P-4	-	
F	Q-W-1		EXG	-	НМ	P-4	EXG	НМ	P-4	-	
F		JANITOR	EXG	-	НМ	P-4	EXG	НМ	P-4	-	
F	- NA 1	JANITOR	EXG	-	HM	P-4	EXG	HM	P-4	-	
	R-W-1	JANITOR	EXG EXG	-	HM	P-4 P-4	EXG	HM	P-4 P-4	-	
	R-W-1 S-M-1	JANITOR JANITOR	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	-	
_	A-M-1	ENTRY	NEW	MATCH EXISTING	WOOD	CLR			P-5	1	
_	A-M-2	JANITOR	EXG	-	НМ	P-5			P-5	-	
1	A-M-3	RM DIVIDER	EXG	-	НМ	P-5			P-5/P-6	-	
1	A-M-4	STORAGE	EXG	-	НМ	P-5			P-5	-	
	A-W-1	ENTRY	NEW	MATCH EXISTING	WOOD	CLR			P-5/P-6	1	
	A-W-2	JANITOR	EXG	-	НМ	P-5			P-5	-	
	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	
-	D-M-1	ENTRY	NEW	MATCH EXISTING	WOOD	CLR			P-5/P-6	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	-	
_	D-W-1	ENTRY	NEW	MATCH EXISTING	WOOD	CLR			P-5/P-6	1	
	D-W-2	JANITOR	EXG	MATOU EVICENCE	HM	P-5			P-5	-	1
≥ ¦	I-M-1 I-W-1	ENTRY	NEW	MATCH EXISTING MATCH EXISTING	WOOD	CLR			P-5/P-6	1	
ノト	I-VV-1 L-W-1	ENTRY ENTRY	NEW	MATCH EXISTING	WOOD	CLR CLR			P-5/P-6 P-5/P-6	1	
źΙī	L-W-2	JANITOR	EXG	-	HM	P-5			P-5	-	
_ F	M-M-1	ENTRY	NEW	MATCH EXISTING	WOOD	CLR			P-5/P-6	2	
4 P	M-M-2	JANITOR	EXG	-	НМ	P-5			P-5	-	
<u> </u>	T-M-1	ENTRY	NEW	MATCH EXISTING	V.I.F.	P-5/P-6			P-5/P-6	3	
ַלַ בַּלַ	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	
⊢	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	
_	X-W-1	ENTRY	NEW	MATCH EXISTING	WOOD	P-5/P-6			P-5/P-6	1	
_	Y-M-1	ENTRY	NEW	MATCH EXISTING	V.I.F.	P-5/P-6			P-5/P-6	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	
	Z-W-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-M-1 A1-M-2	JANITOR	EXG	MATCH EXISTING	V.I.F.	P-5/P-6 P-5			P-5/P-6 P-5	3	
_	A1-W-2	ENTRY	NEW	MATCH EXISTING	WOOD	P-5/P-6			P-5/P-6	3	
	A1-W-2	JANITOR	EXG	-	HM	P-5			P-5	-	
_	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 A2-W-2	ENTRY JANITOR	NEW EXG	MATCH EXISTING	WOOD	P-5/P-6 P-5			P-5/P-6 P-5	3	

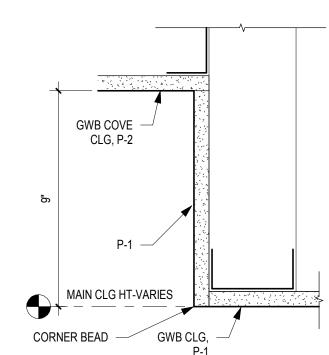
1. SEMINAR ROOM ENTRY DOORS ASSUMED TO BE 36"W x 84"H x 1-1/4" THICK - VERIFY IN FIELD AND MATCH NEW DIMENSIONS TO EXISTING.

2. THRESHOLDS SHALL BE PROVIDED AT THE FOLLOWING LOCATIONS:

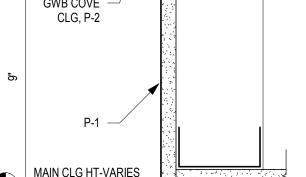
a. EXHIBIT HALL RESTROOM ENTRANCES (REPLACE EXISTING - SEE DETAIL 7/A500.2)

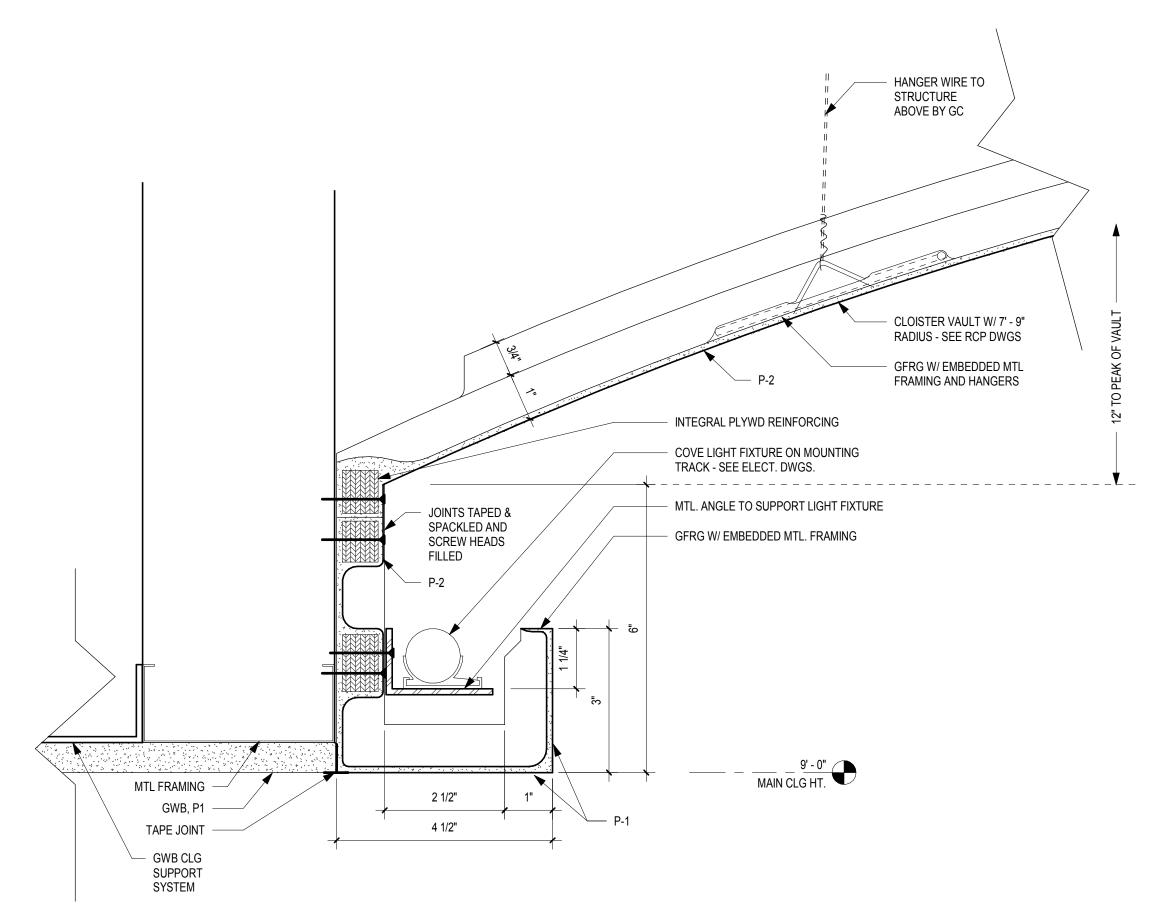
b. EXHIBIT HALL RESTROOM JANITOR CLOSET DOORS (PROVIDE NEW - NONE EXISTING. SEE DETAIL 7/A500.2)
 c. SEMINAR RESTROOM ENTRANCE DOORS, JANITOR CLOSET DOORS, AND STORAGE ROOM DOORS ENTERED FROM RESTROOM

(REPLACE EXISTING MARBLE THRESHOLD IN KIND) 3. PROVIDE WALL BUMPERS.



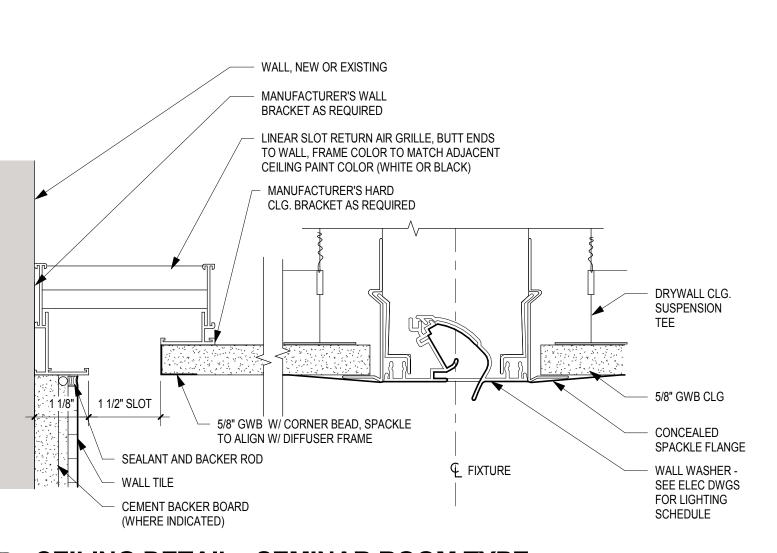
3 CEILING DETAIL - COVE - SEMINAR ROOM TYPE A600.1 SCALE: 3" = 1'-0"



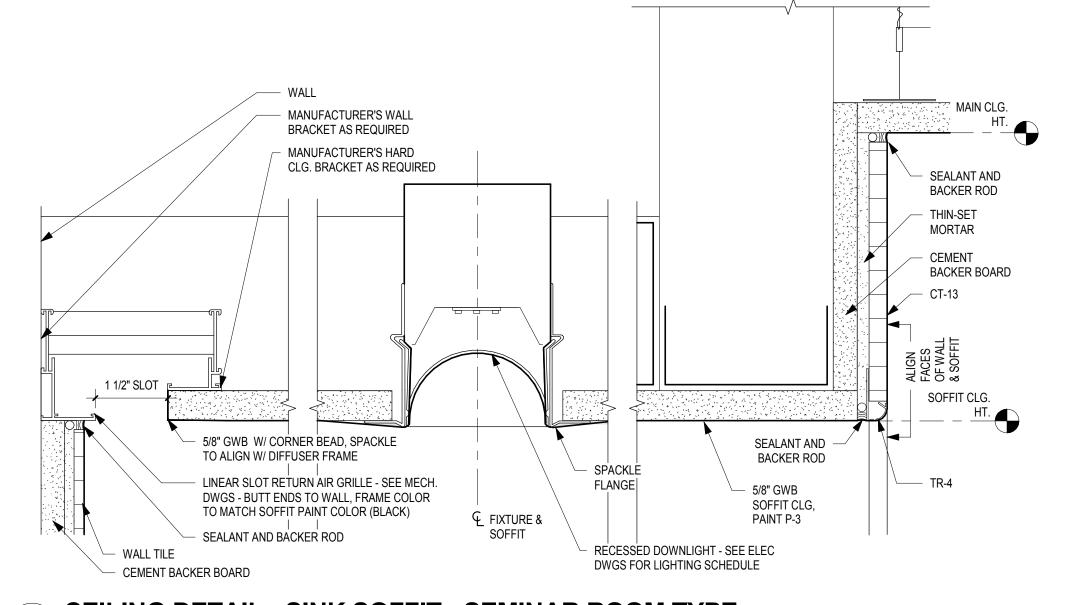


4 CEILING DETAIL - VAULT & LIGHT COVE AT RMS. A1 & A2

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

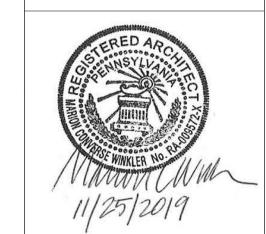
Contact: Kevin Sultanik e-mail: ksultanik@aroraengineers.com

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 (

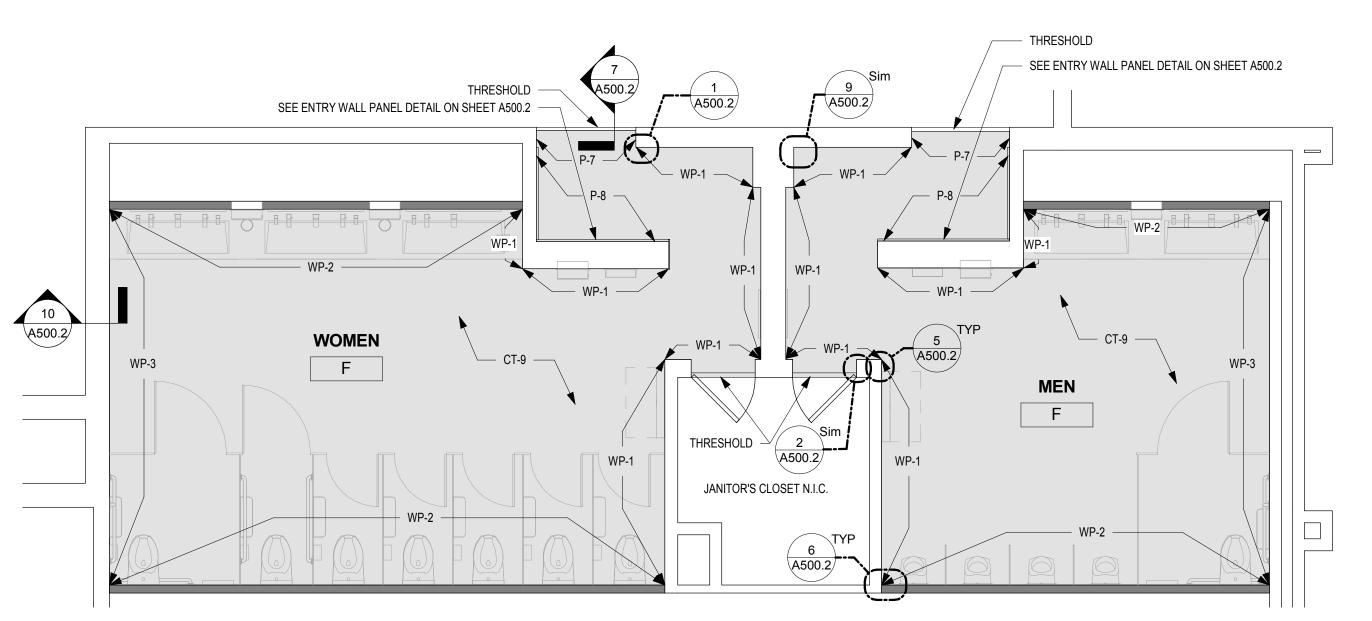
TYPICAL CEILING **DETAILS &** SCHEDULES

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

EW

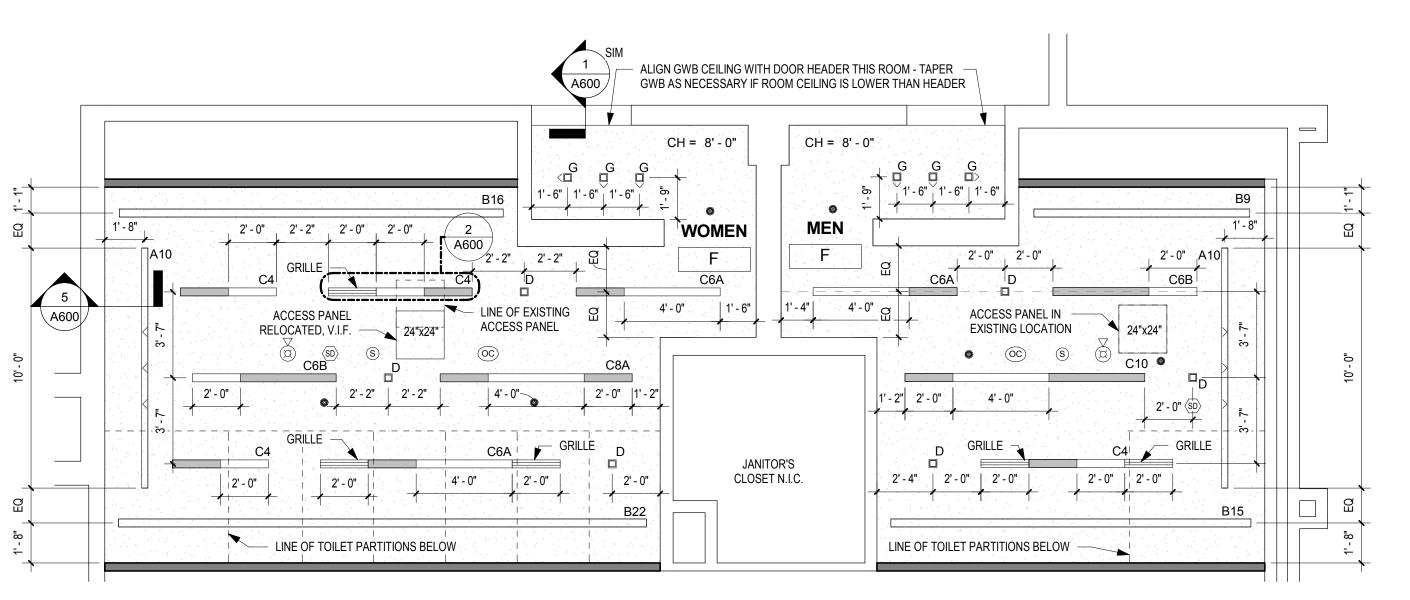
A600.1

Checked by



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

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



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

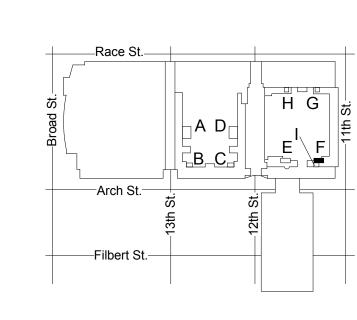
A602 SCALE: 1/4" = 1'-0"

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

DRAWING GENERAL NOTES

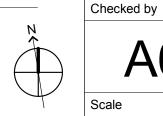
- 1. SEE A500-SERIES SHEETS FOR INTERIOR ELEVATIONS AND WALL TILE PATTERN DETAILS. 2. ALL BASIS OF DESIGN FLOOR AND WALL TILE FINISHES
- AVAILABLE FROM STONE SOURCE PHILADELPHIA. CONTACT MARC NASBERG: 202.549.3913; MNASBERG@STONESOURCE.COM
- 3. SEE LUMINAIRE SCHEDULE ON SHEET E702 FOR BASIS OF DESIGN 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
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 _ I	EXTENDED METAL PANEL (SHADED)
	SQUARE RECESSED LED DOWNLIGHT
X ⊘	ROUND RECESSED LED DOWNLIGHT
X □>	SQUARE RECESSED LED WALL WASHER
\rangle 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 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
	FIRE ALARM DEVICE
OS	OCCUPANCY SENSOR
SD	SMOKE DETECTOR
S	PA SPEAKER
	GWB CEILING



CH = X' - X" CEILING HEIGHT

KEY PLAN - LEVEL 100



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

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

Fax: 215.664.1075

MEP ENGINEERS:

Chadds Ford, PA 19317

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

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

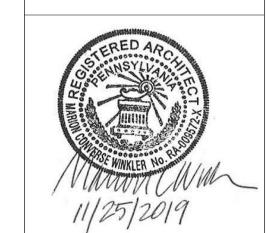
STRUCTURAL ENGINEERS: CSA GROUP

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



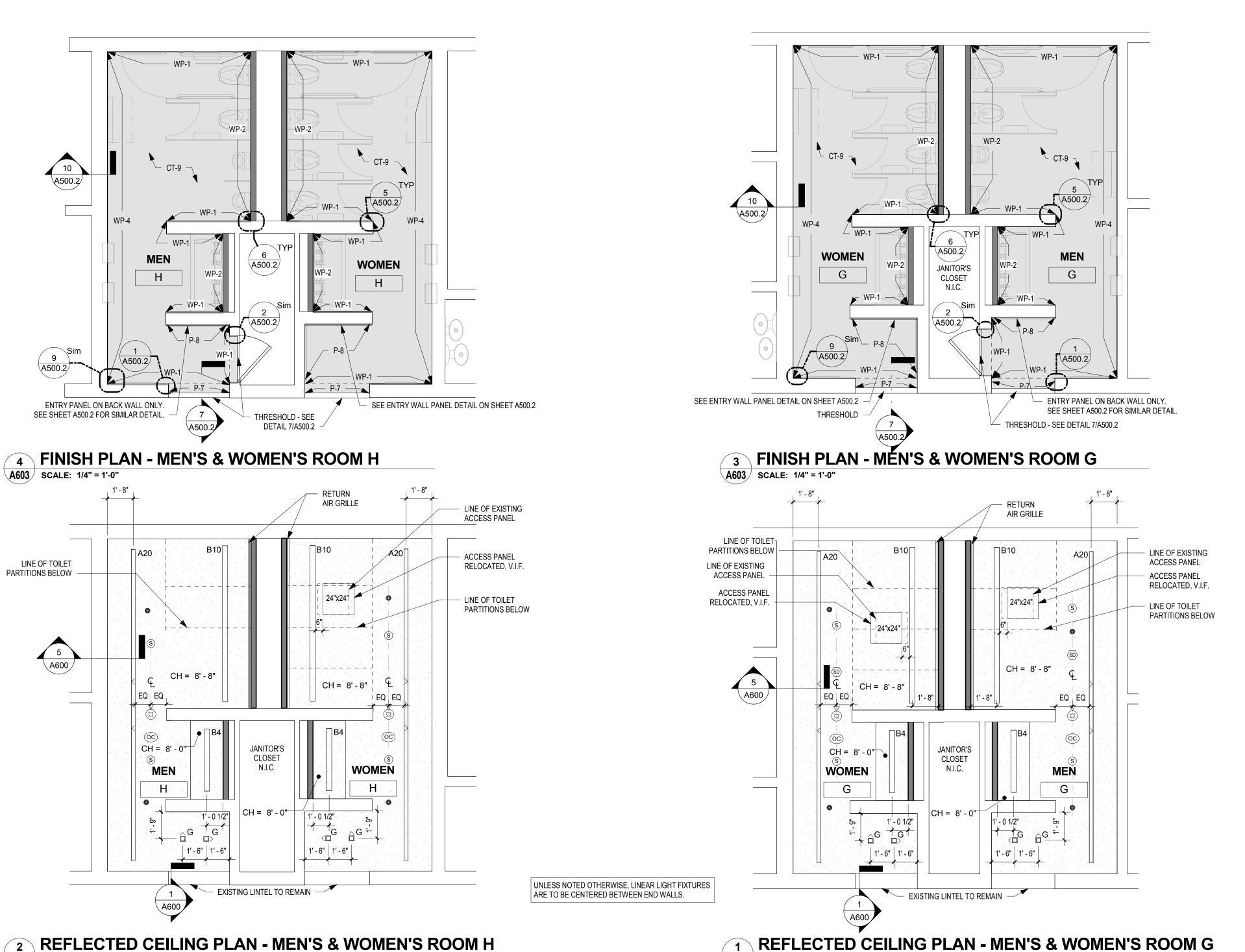
REVISIONS: Description

PENNSYLVANIA CONVENTION CENTER

RCP & FINISH PLANS - ROOM F (EXHIBIT)

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

EW



A603 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.
- AVAILABLE FROM STONE SOURCE PHILADELPHIA.
 CONTACT MARC NASBERG: 202.549.3913;
 MNASBERG@STONESOURCE.COM
- 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
 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 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

CEILING LEGEND

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

1'-6" DIAMETER SURFACE MTD. ROUND

2'-0" DIAMETER RECESSED ROUND FIXTURE

RECESSED LINEAR LED WALL WASHER

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

FIRE ALARM DEVICE

OCCUPANCY SENSOR

SMOKE DETECTOR

GWB CEILING

S PA SPEAKER

CH = X' - X" CEILING HEIGHT

Race St.

-Arch St.-

-Filbert St.-

KEY PLAN - LEVEL 100

⊢ − − − H LINEAR LED COVE LIGHTING

LIGHTED PORTION

- 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.

ARORA Arora Engineers, Inc.
61 Wilmington-West Chester Pichadds Ford, PA 19317

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

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

CONVERSE WINKLER

331 MONTGOMERY AVE BALA CYNWYD, PA 19144

ARCHITECTS:

ARCHITECTURE

Ph: 610.664.0806

Fax: 215.664.1075

Contact: Elin Westrick

e-mail: ewestrick@cwarc.com

CONVERSE WINKLER

331 Montgomery Avenue,

Bala Cynwyd, PA, 19144

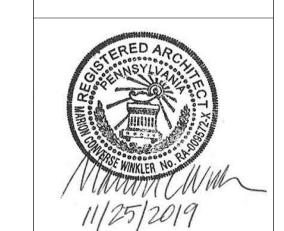
ARCHITECTURE

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



RE	VISIONS:	
No.	Description	Date

PENNSYLVANIA CONVENTION CENTER

RCP & FINISH PLANS - ROOMS G, H (EXHIBIT)

Project number CW1615

Date November 25, 2019

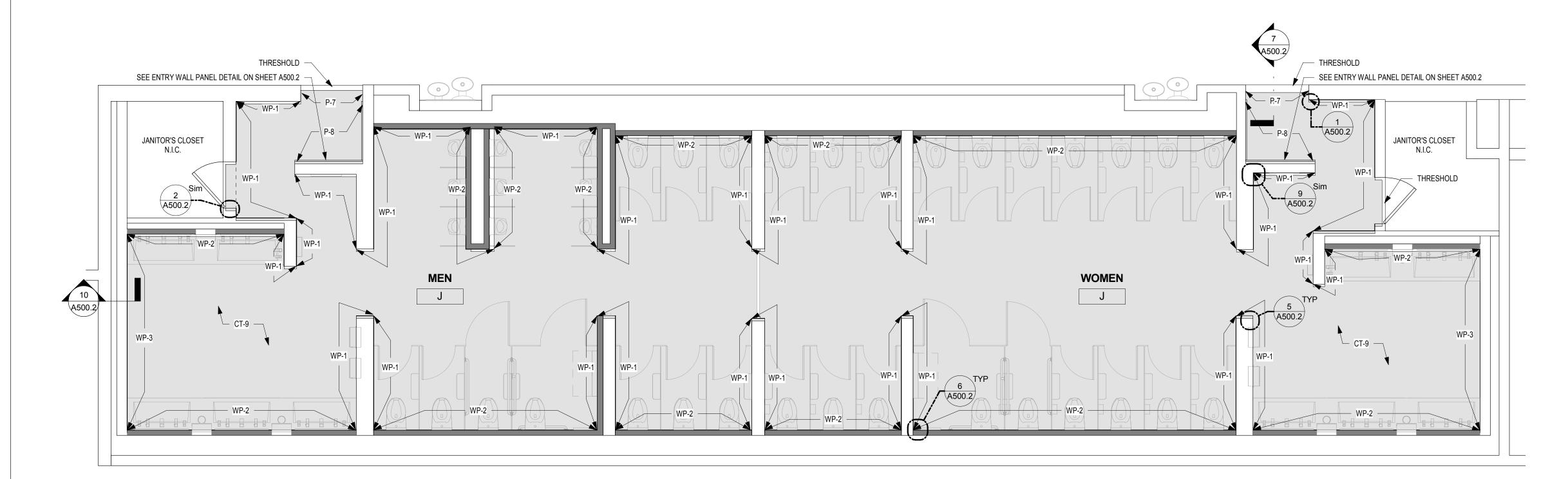
Drawn by KR/LC

Checked by EW

A603

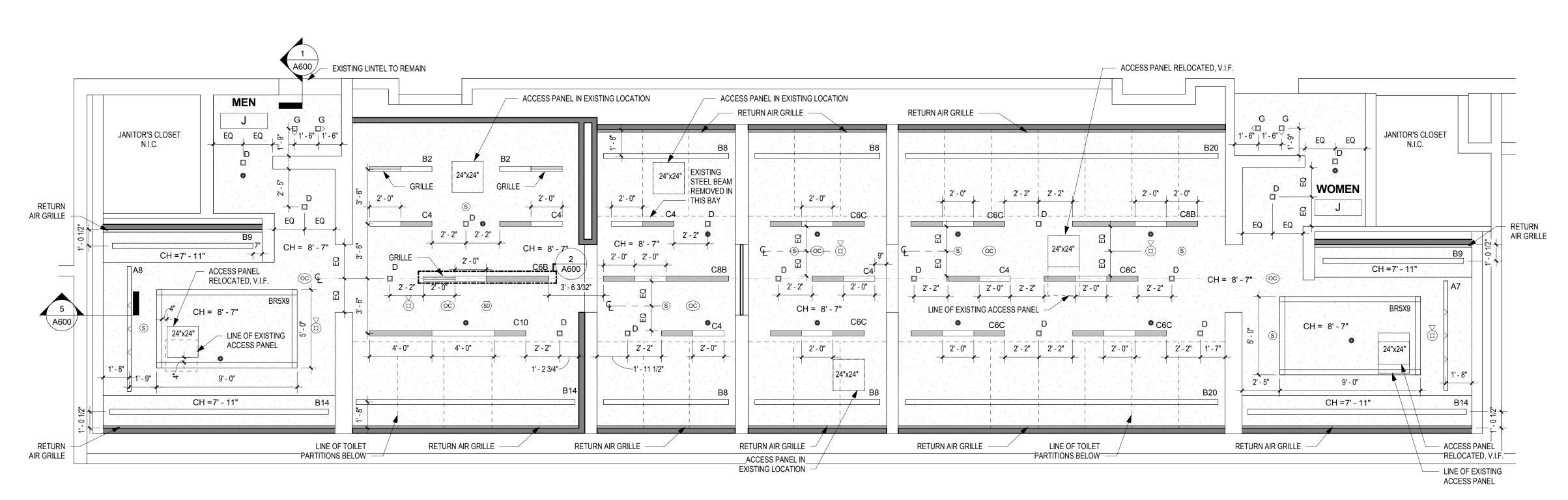
As indicated

A603 SCALE: 1/4" = 1'-0"



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

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:

PENNSYLVANIA CONVENTION CENTER

Project number

Date

RESTROOM RENOVATIONS
101 ARCH STREET, PHILADELPHIA, PA 191

CW1615

KR/LC

ΕW

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

- 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
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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 HEADS TO REMIAN. SEE MECH. DWGS.

CEILING LEGEND

X RECESSED LINEAR LED WALL WASHER

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

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

SUPPLY AIR DIFFUSER

LINEAR SLOT RETURN AIR GRILLE

ACCESS PANEL

SPRINKLER HEAD

FIRE ALARM DEVICE

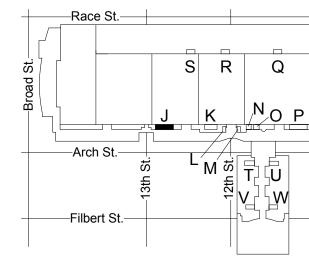
OS OCCUPANCY SENSOR

SMOKE DETECTOR

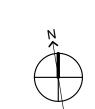
(s)PA SPEAKER

CH = X' - X" CEILING HEIGHT

GWB CEILING



KEY PLAN - LEVEL 200



NTS

Checked by

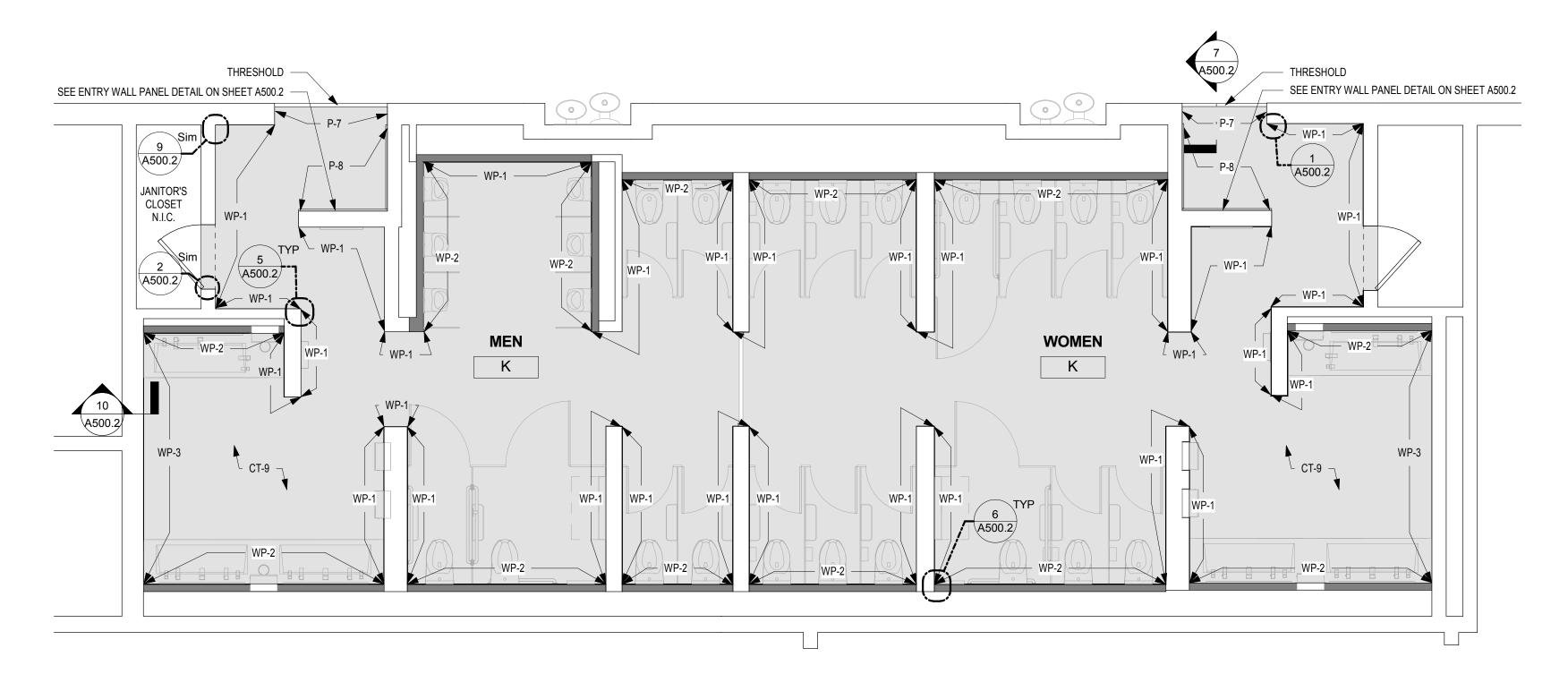
RCP & FINISH

PLANS - ROOM J

(EXHIBIT)

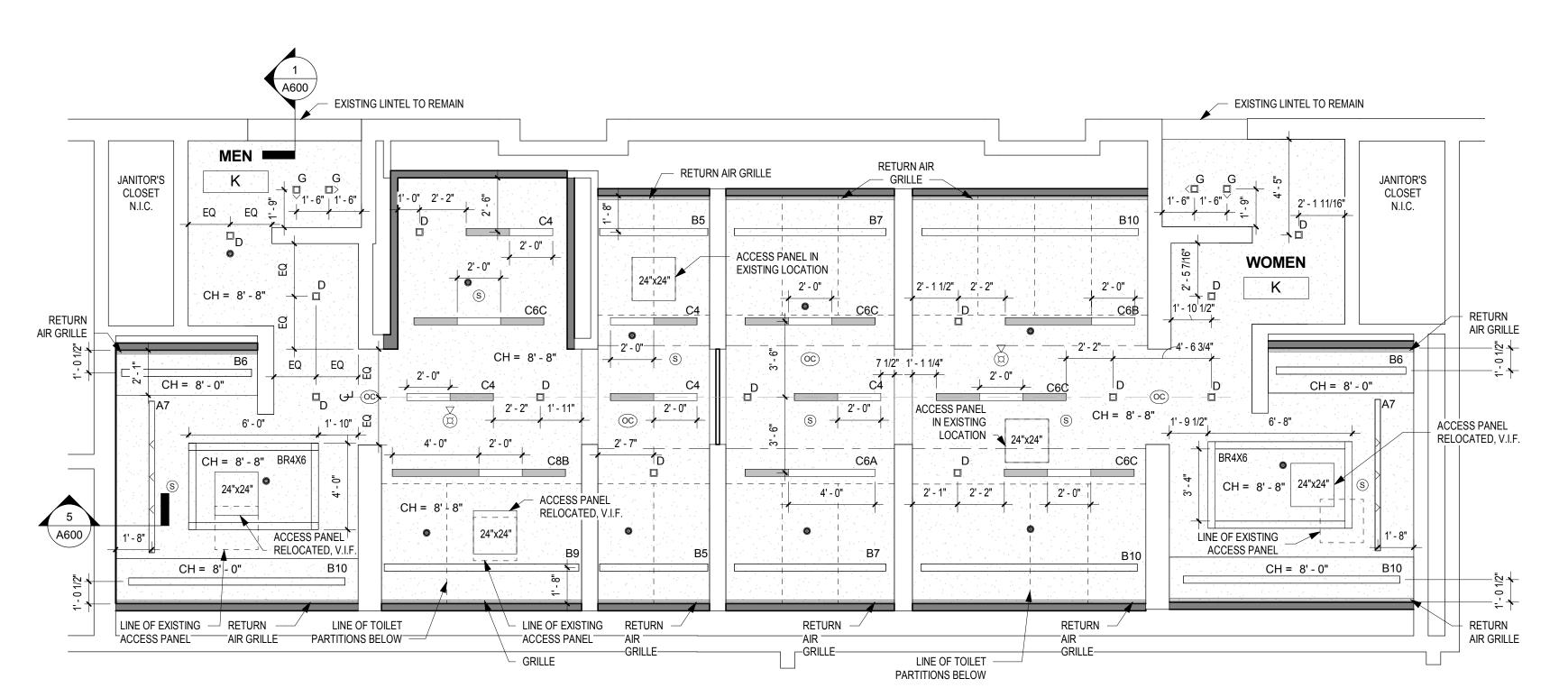
As indicated

November 25, 2019



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

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



1 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

- 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. CONTACT MARC NASBERG: 202 549 3913.
- 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
- 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,

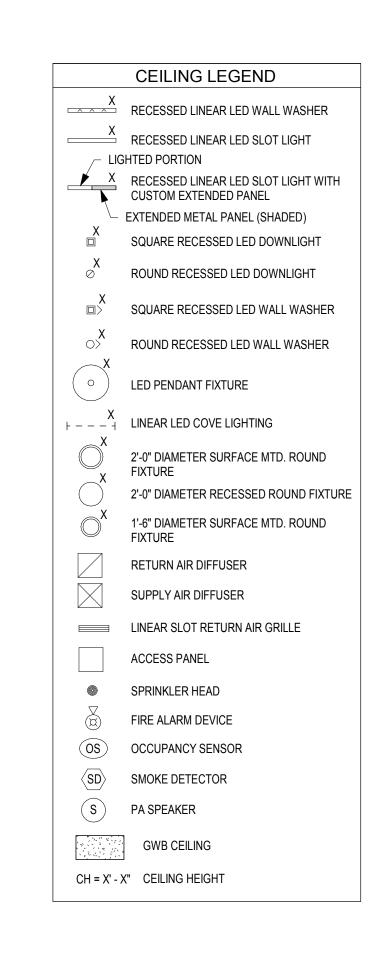
UNLESS OTHERWISE NOTED -- SEE MECHANICAL AND

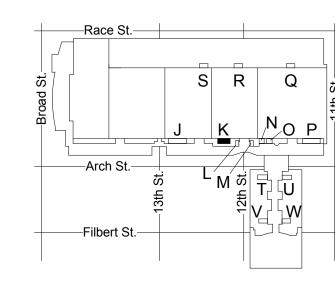
- ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
 NEW DEVICE LOCATIONS ARE AS INDICATED ON ARCHITECTURAL RCP.
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 8. CEILING OCCUPANCY SENSORS TO BE INSTALLED SO AS
- TO PROVIDE COMPLETE ROOM COVERAGE.

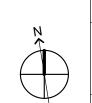
 9. PAINT CEILINGS P-1 UNLESS NOTED OTHERWISE.

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





KEY PLAN - LEVEL 200



e-mail: ewestrick@cwarc.com

MEP ENGINEERS:

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61 Wilmington-West Chest
Chadds Ford, PA 19317

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

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

Contact: Kevin Sultanik

CONVERSE WINKLER

331 MONTGOMERY AVE BALA CYNWYD, PA 19144

ARCHITECTS:

ARCHITECTURE

Ph: 610.664.0806

Fax: 215.664.1075

Contact: Elin Westrick

CONVERSE WINKLER

331 Montgomery Avenue,

Bala Cynwyd, PA, 19144

ARCHITECTURE

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 Date

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

RCP & FINISH PLANS - ROOM K (EXHIBIT)

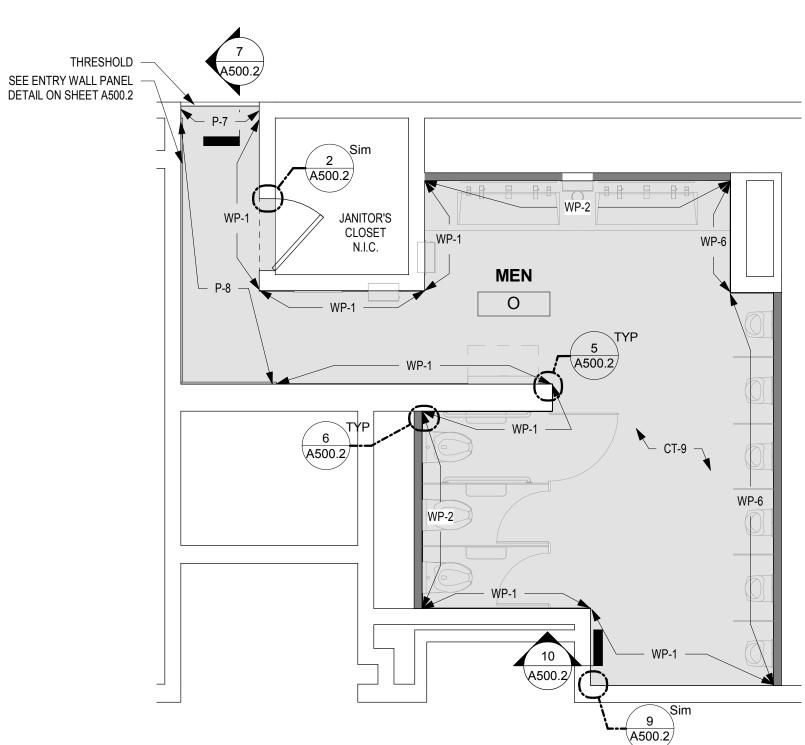
Project number CW1615

Date November 25, 2019

Drawn by KR/LC

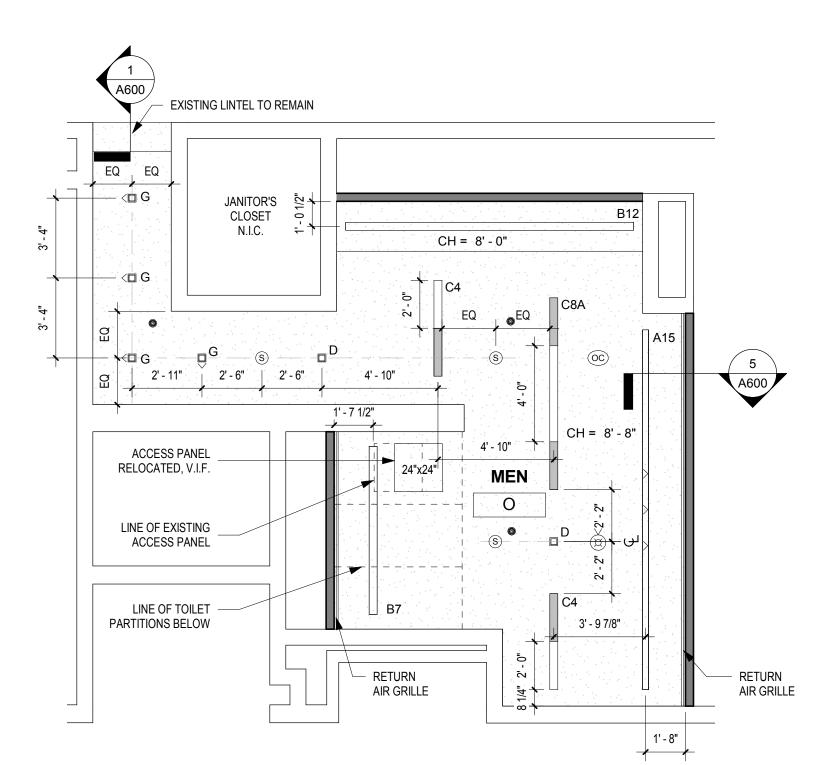
Checked by EW

A605



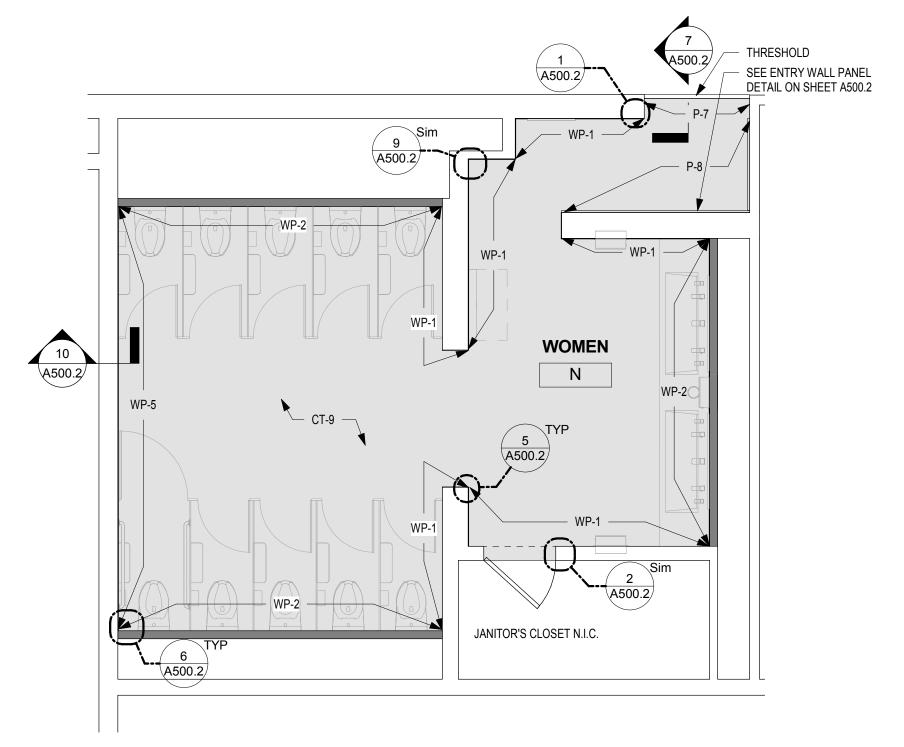
4 FINISH PLAN - MEN'S ROOM O

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

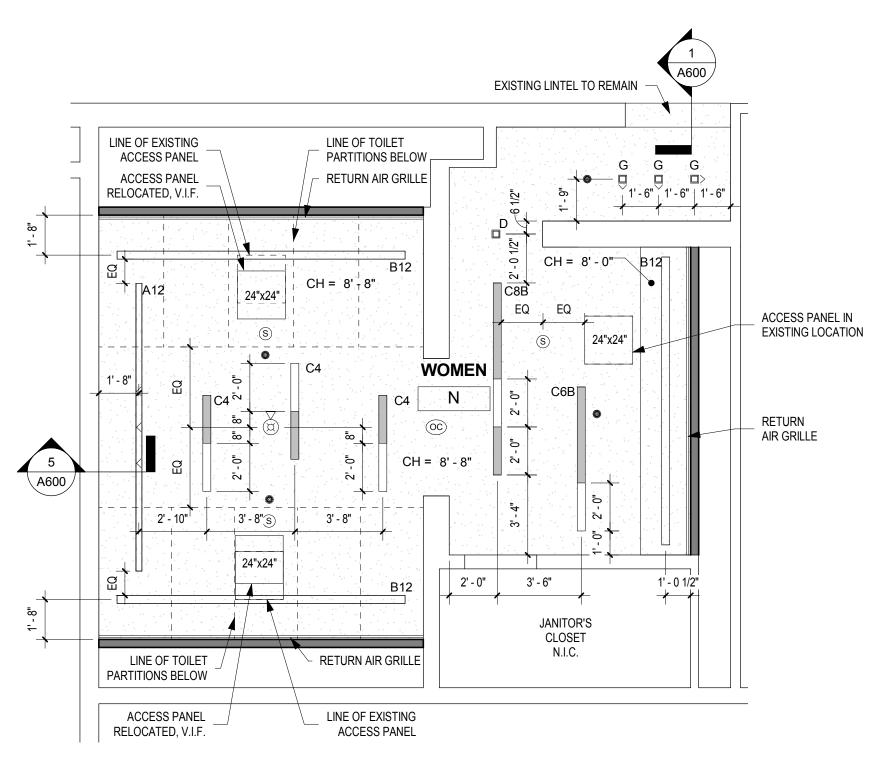


REFLECTED CEILING PLAN - MEN'S ROOM O A606 SCALE: 1/4" = 1'-0"

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



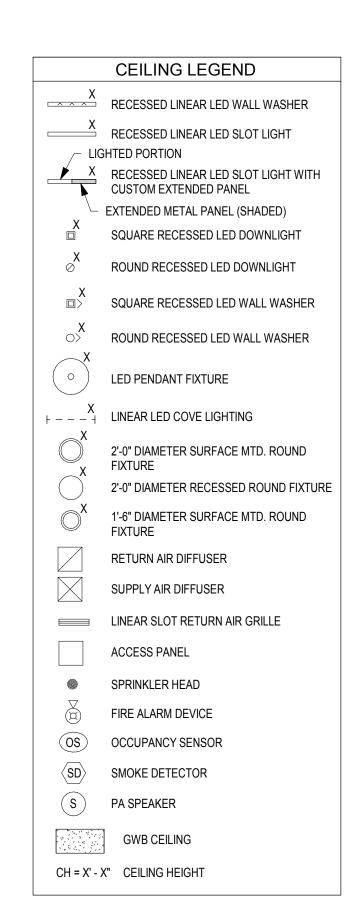
3 FINISH PLAN - WOMEN'S ROOM N A606 SCALE: 1/4" = 1'-0"

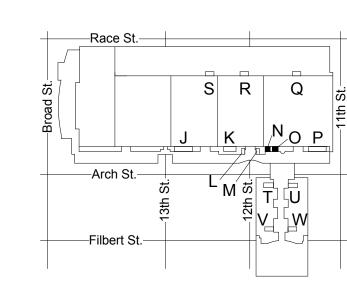


REFLECTED CEILING PLAN - WOMEN'S ROOM N A606 SCALE: 1/4" = 1'-0"

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
- 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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- 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.



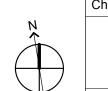


KEY PLAN - LEVEL 200

KR/LC EW Checked by

Project number

Date



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 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

PENNSYLVANIA CONVENTION CENTER

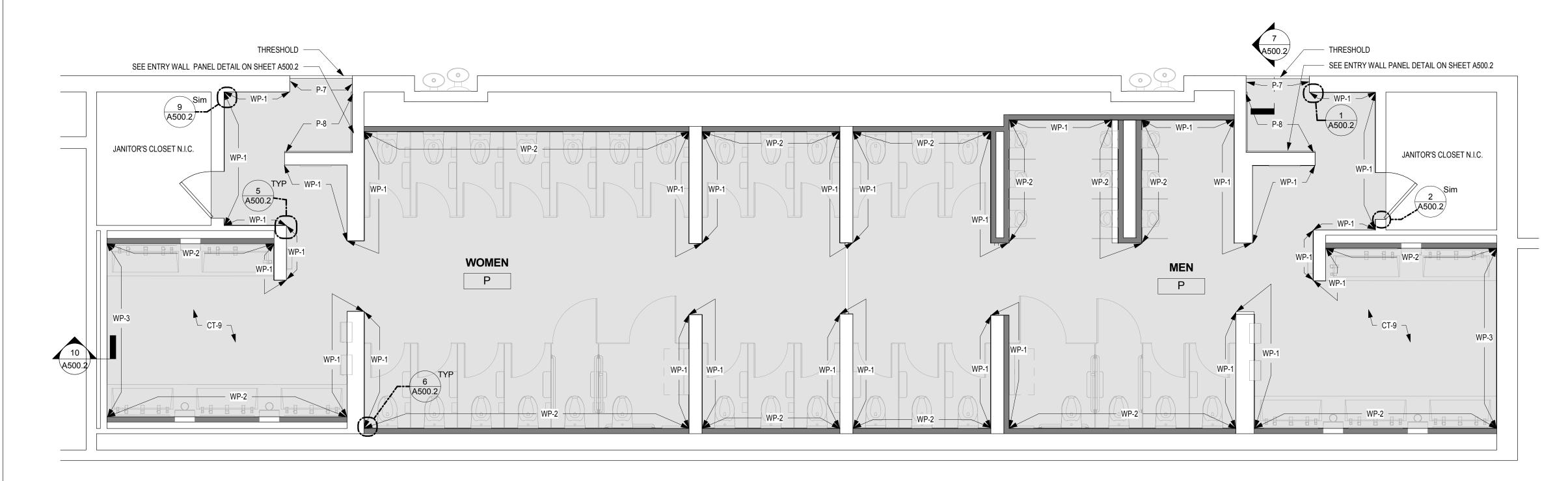
RESTROOM RENOVATIONS
101 ARCH STREET, PHILADELPHIA, PA 191

CW1615

As indicated

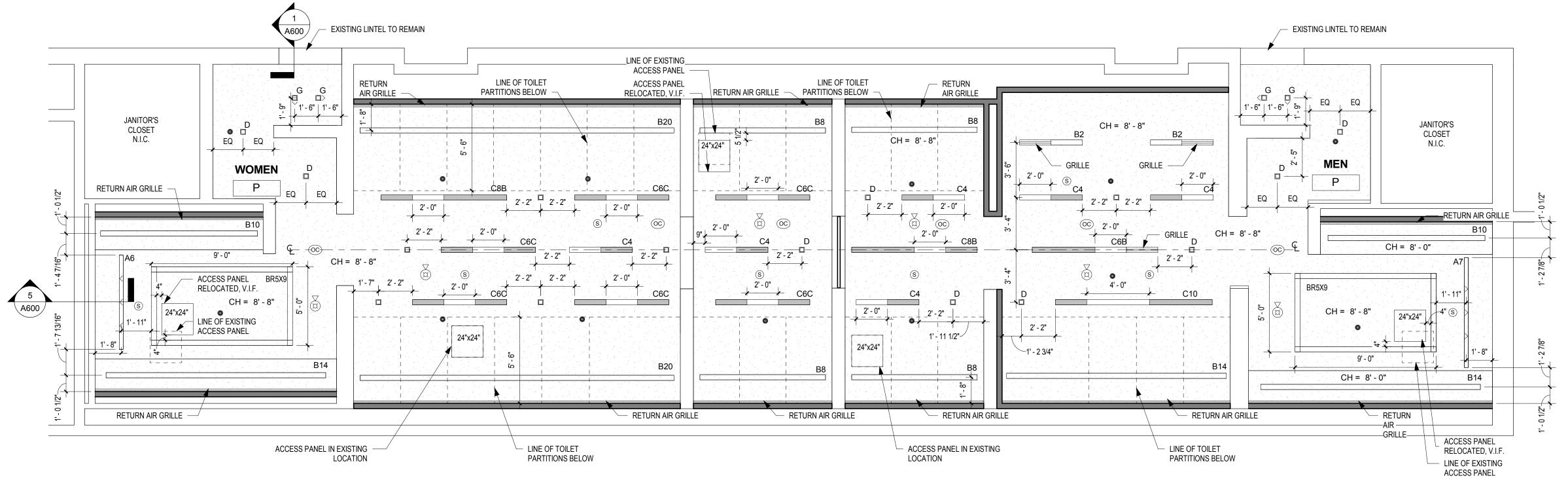
November 25, 2019

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



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.
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NEW DEVICE LOCATIONS ARE AS INDICATED ON

- 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
X	RECESSED LINEAR LED SLOT LIGHT WITH CUSTOM EXTENDED PANEL
	EXTENDED METAL PANEL (SHADED)
X	SQUARE RECESSED LED DOWNLIGHT
X ⊘	ROUND RECESSED LED DOWNLIGHT
X □>	SQUARE RECESSED LED WALL WASHER
X ⇔ V	ROUND RECESSED LED WALL WASHER
o X	LED PENDANT FIXTURE
	LINEAR LED COVE LIGHTING
\bigcup_{-X}^{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

OCCUPANCY SENSOR

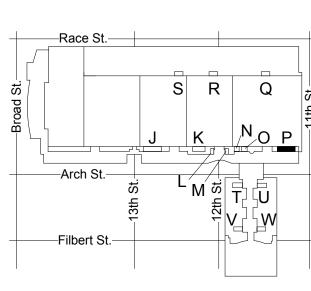
SMOKE DETECTOR

GWB CEILING

PA SPEAKER

CH = X' - X" CEILING HEIGHT

OS



KEY PLAN - LEVEL 200

Drawn by Checked by

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°

Chadds Ford, PA 19317

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e-mail: ksultanik@aroraengineers.com

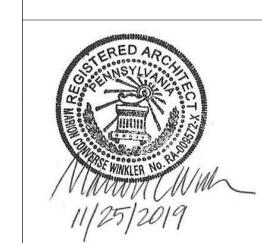
1341 NORTH DELAWARE AVENUE,

STRUCTURAL ENGINEERS: **CSA GROUP**

PHILADELPHIA, PA 19125 Ph: 215.427.8700 Fax: 215.427.8752

SUITE 507

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



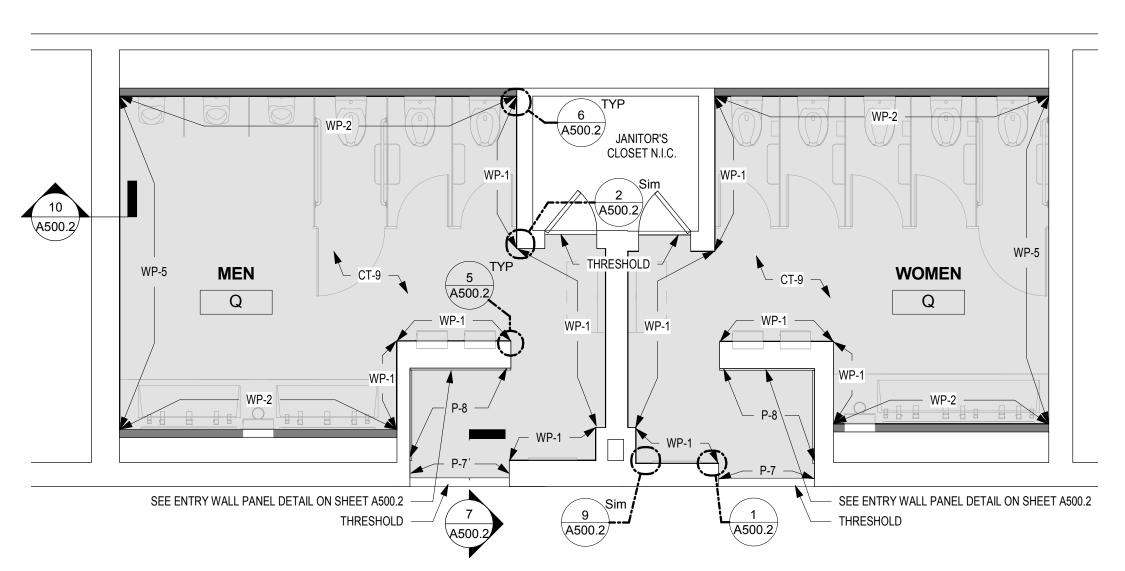
REVISIONS: Description

PENNSYLVANIA CONVENTION CENTER

RESTROOM RENOVATIONS
101 ARCH STREET, PHILADELPHIA, PA 191

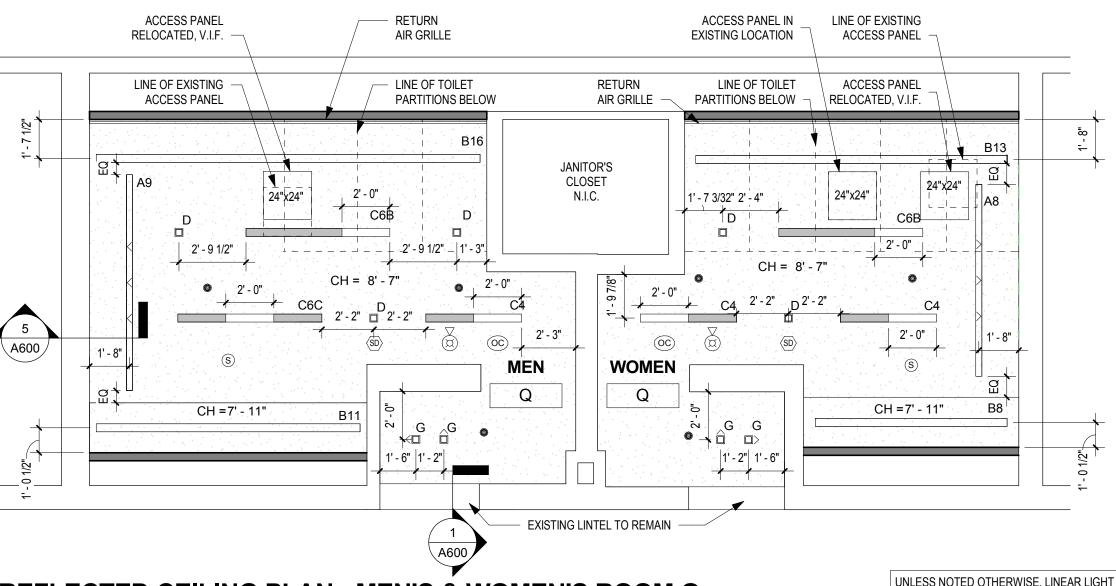
RCP & FINISH PLAN - ROOM P (EXHIBIT)

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



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

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



1 REFLECTED CEILING PLAN - MEN'S & WOMEN'S ROOM Q
A608 SCALE: 1/4" = 1'-0"

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

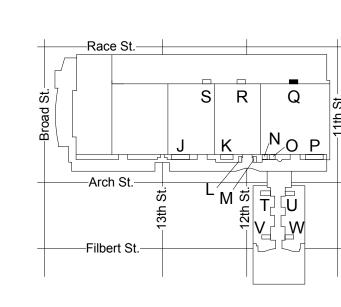
DRAWING GENERAL NOTES

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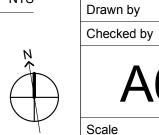
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CEILIN	IG LEGEND
X RECESSED	LINEAR LED WALL WASHER
RECESSED	LINEAR LED SLOT LIGHT
X RECESSED CUSTOM EX	LINEAR LED SLOT LIGHT WITH KTENDED PANEL METAL PANEL (SHADED)
X	ECESSED LED DOWNLIGHT
⊘ X ROUND RE	CESSED LED DOWNLIGHT
X SQUARE RI	ECESSED LED WALL WASHER
	CESSED LED WALL WASHER
o LED PENDA	NT FIXTURE
' '	COVE LIGHTING
X 2'-0" DIAME	TER SURFACE MTD. ROUND
	TER RECESSED ROUND FIXTUR
X 1'-6" DIAME FIXTURE	TER SURFACE MTD. ROUND
RETURN AI	R DIFFUSER
SUPPLY AIF	RDIFFUSER
LINEAR SLO	OT RETURN AIR GRILLE
ACCESS PA	NEL
SPRINKLER	HEAD
FIRE ALARM	M DEVICE
OS OCCUPANO	CY SENSOR
SD SMOKE DE	TECTOR
S PA SPEAKE	R
GWB CE	LING
CH = X' - X" CEILING	HEIGHT



KEY PLAN - LEVEL 200



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Fax: 215.664.1075

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ARORA°

Contact: Kevin Sultanik

CSA GROUP

Ph: 215.427.8700 Fax: 215.427.8752

Contact: Wing Au

REVISIONS:

PENNSYLVANIA CONVENTION CENTER

Project number

Date

Description

SUITE 507

Contact: Elin Westrick

e-mail: ewestrick@cwarc.com

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

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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

4608

RCP & FINISH

PLAN - ROOM Q

(EXHIBIT)

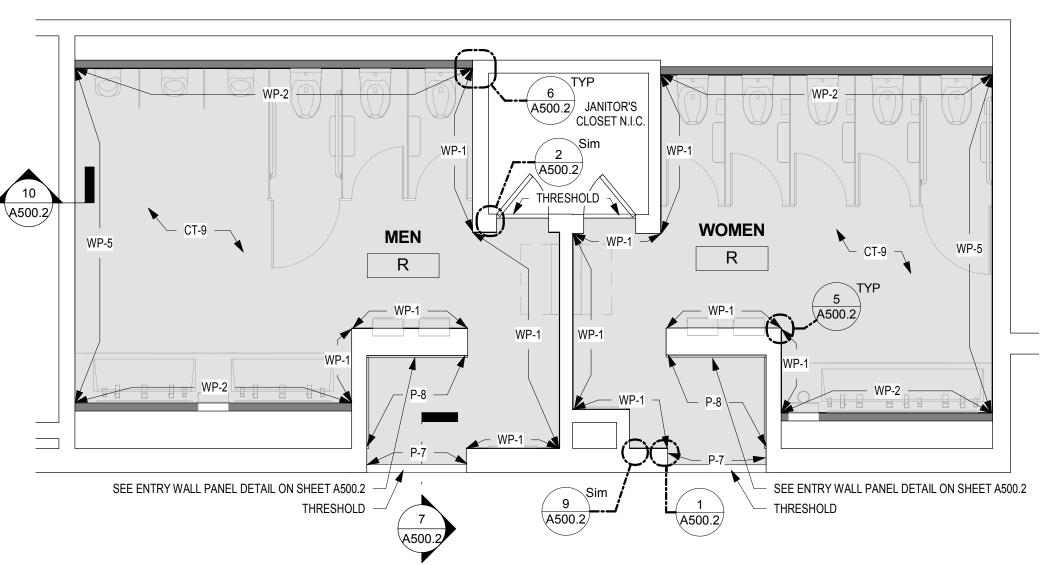
As indicated

November 25, 2019

CW1615

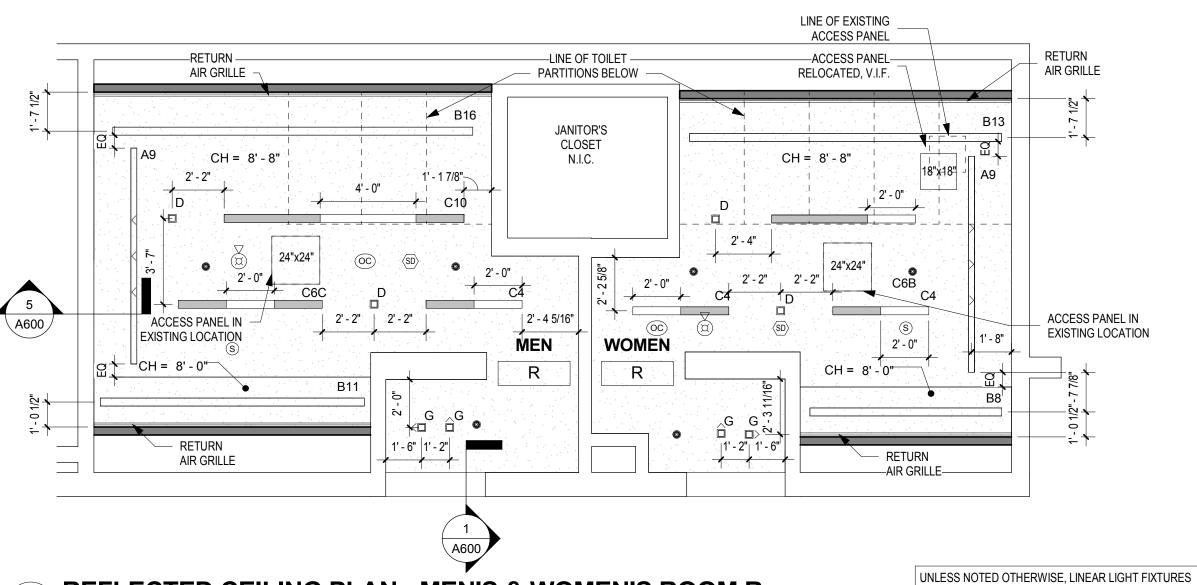
KR/LC

EW



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

- SEE A500-SERIES SHEETS FOR INTERIOR ELEVATIONS AND WALL TILE PATTERN DETAILS.
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- 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

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NEW DEVICE LOCATIONS ARE AS INDICATED ON

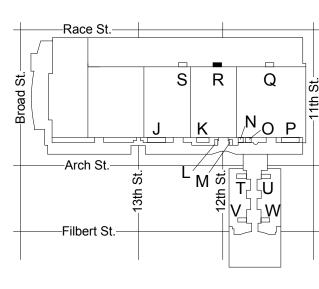
- ARCHITECTURAL RCP.

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 9. PAINT CEILINGS P-1 UNLESS NOTED OTHERWISE.
- 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 + - - - X 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 ACCESS PANEL SPRINKLER HEAD FIRE ALARM DEVICE OCCUPANCY SENSOR SMOKE DETECTOR S PA SPEAKER **GWB CEILING** CH = X' - X" CEILING HEIGHT



KEY PLAN - LEVEL 200

ARE TO BE CENTERED BETWEEN END WALLS.

NTS D

CONVERSE
WINKLER
ARCHITECTURE
331 MONTGOMERY AVE
BALA CYNWYD, PA 19144

ARCHITECTS:
CONVERSE WINKLER
ARCHITECTURE
331 Montgomery Avenue,
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Contact: Elin Westrick e-mail: ewestrick@cwarc.com



Chadds Ford, PA 19317

Oh 459-7900 | F (610) 459-7950 | argraengineers

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

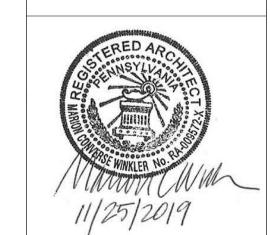
Contact: Kevin Sultanik e-mail: ksultanik@aroraengineers.com

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 Date

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

RCP & FINISH PLAN - ROOM R (EXHIBIT)

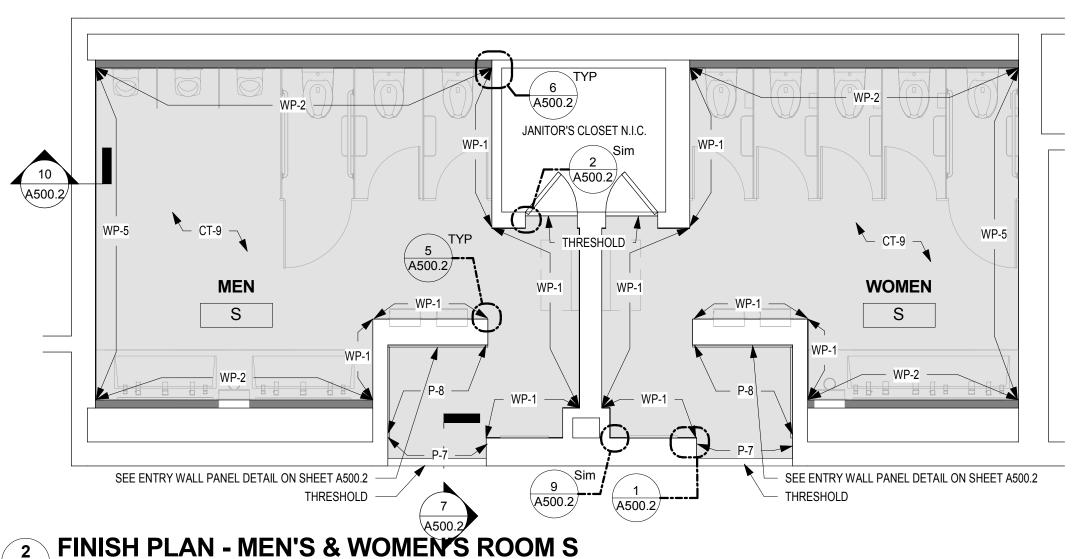
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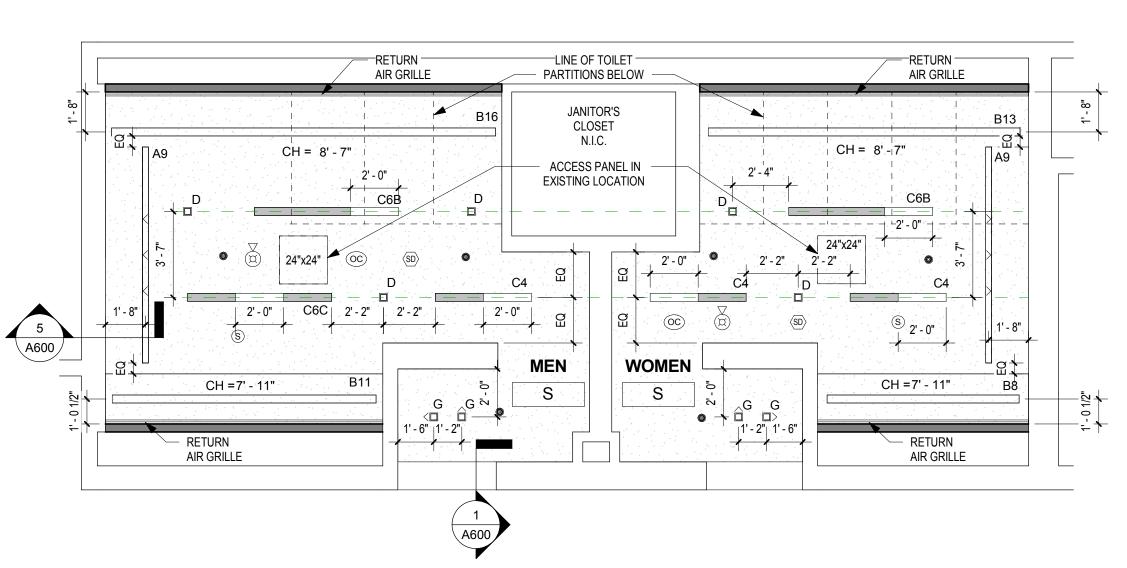
Date November 25, 2019

Drawn by KR/LC

Checked by EW

ale As indicated





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

A610 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;

CONVERSE **WINKLER**

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ARCHITECTURE

ARCHITECTS:

ARCHITECTURE

Ph: 610.664.0806

Fax: 215.664.1075

MEP ENGINEERS:

ARORA°

Contact: Kevin Sultanik

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REVISIONS:

PENNSYLVANIA CONVENTION CENTER

RESTROOM RENOVATIONS
101 ARCH STREET, PHILADELPHIA, PA 191

CW1615

EW

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

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1341 NORTH DELAWARE AVENUE,

Arora Engineers, Inc.

Chadds Ford, PA 19317

CONVERSE WINKLER

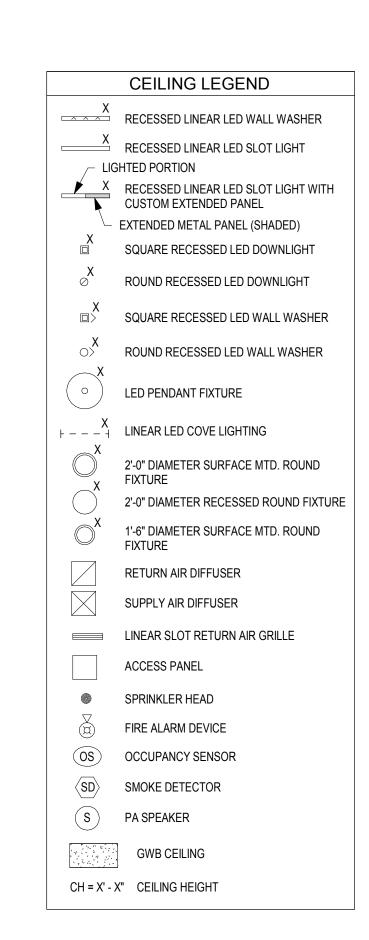
331 Montgomery Avenue,

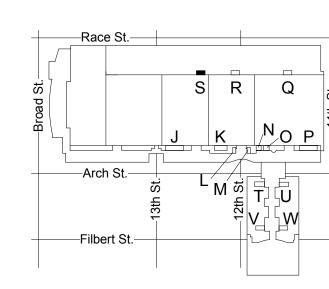
Bala Cynwyd, PA, 19144

- 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 200

Project number Date Drawn by

KR/LC Checked by A610

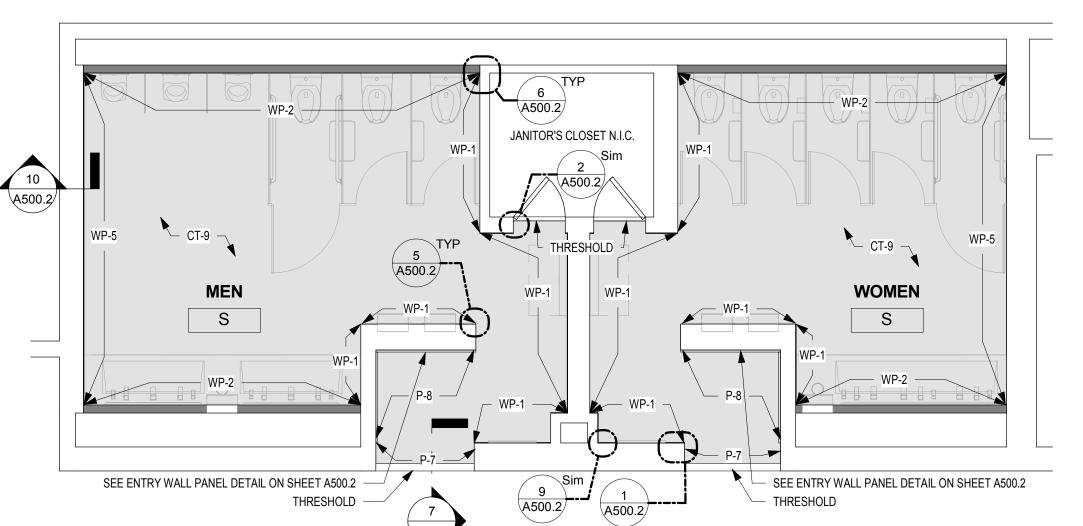
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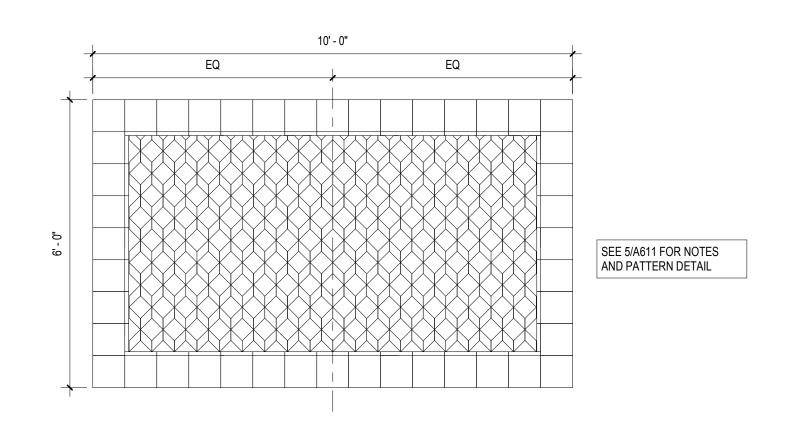
November 25, 2019

RCP & FINISH

PLAN - ROOM S

(EXHIBIT)





MOVEMENT JOINT

MEN

FLOOR: CT-10

STORAGE ROOM N.I.C.

REPLACE

MARBLE

IN KIND

THRESHOLD

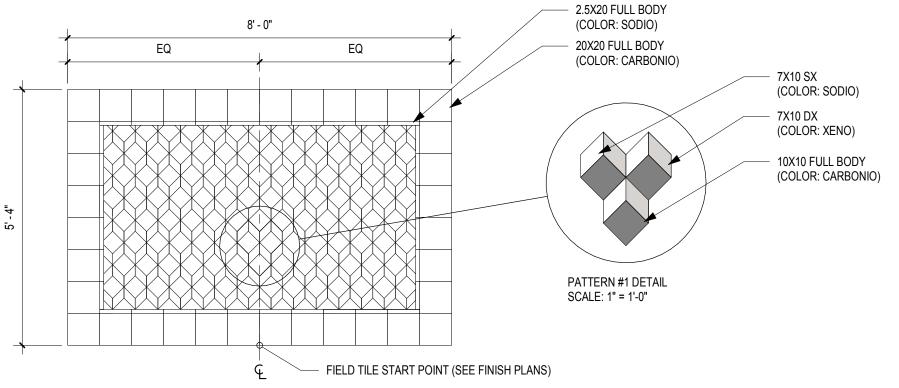
PROFILE TR-6

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

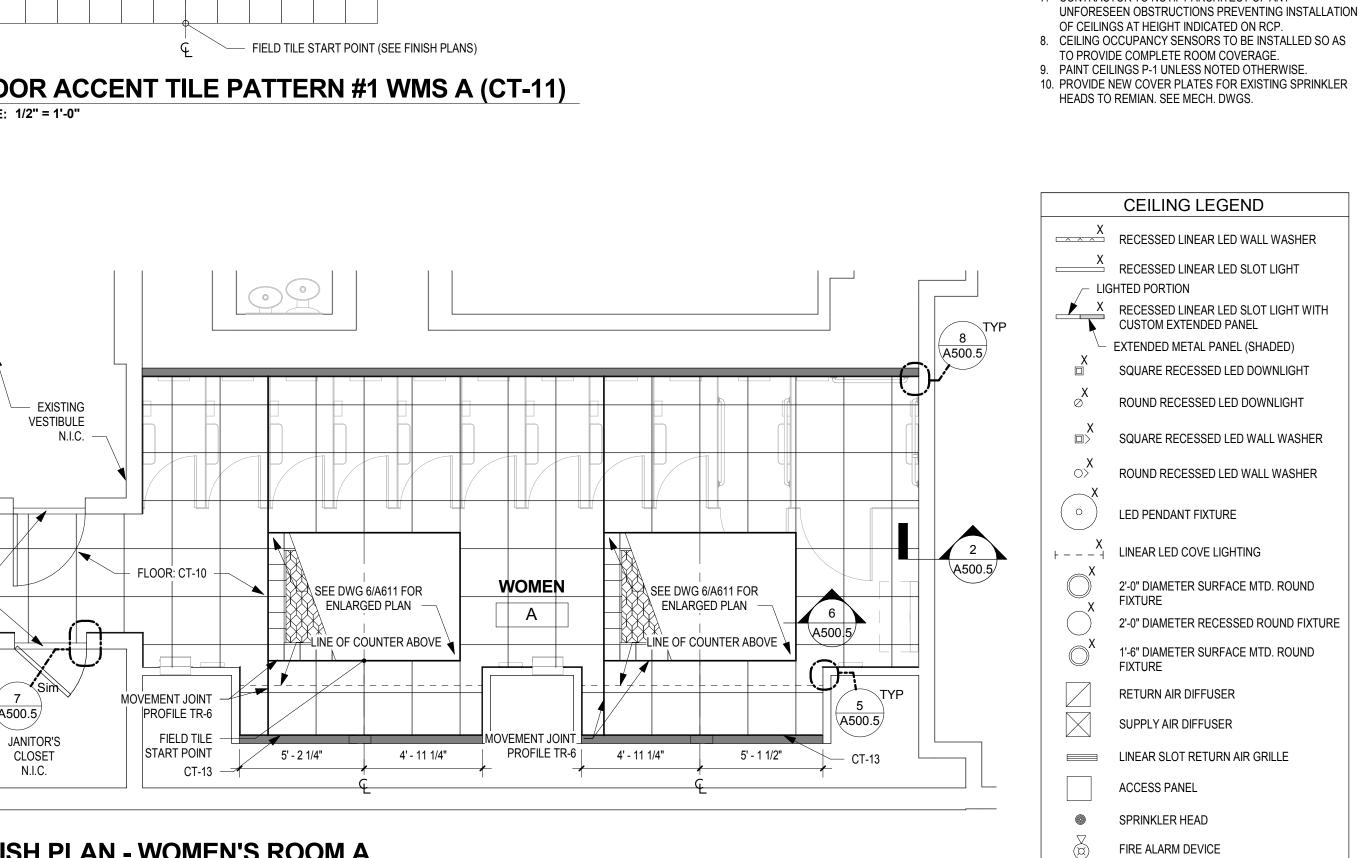
- LINE OF COUNTER ABOVE

SEE DWG 5/A611 FOR

****** ENLARGED PLAN



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





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

JANITOR'S CLOSET

N.I.C.

EXISTING

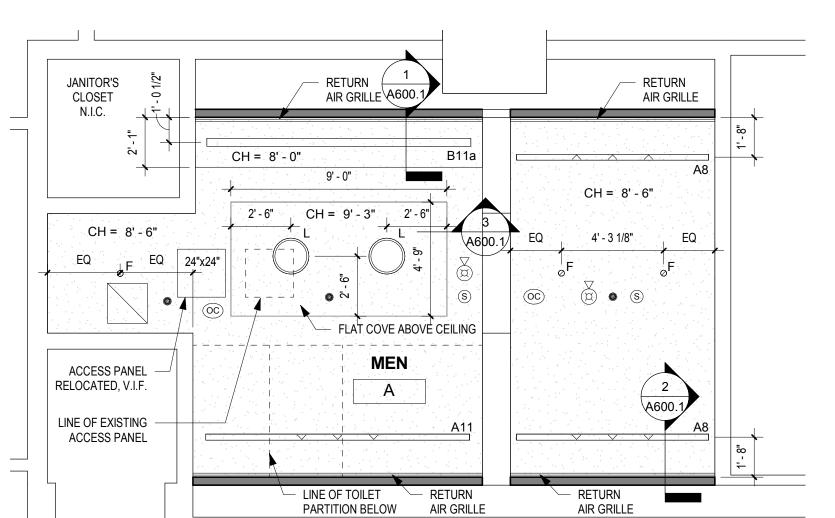
VESTIBULE

REPLACE

MARBLE THRESHOLD

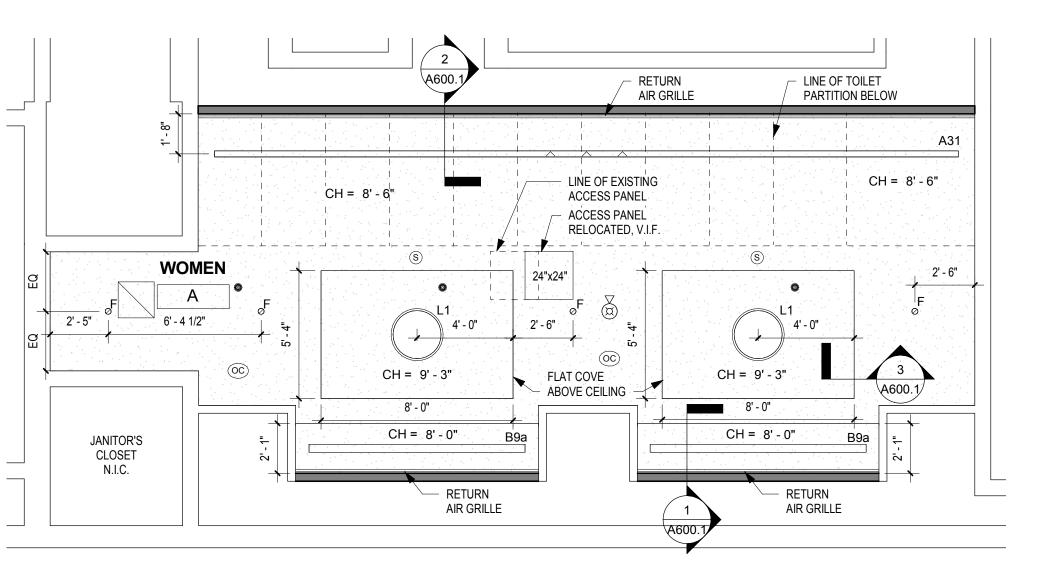
IN KIND

FIELD TILE START POINT



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

FINISH PLAN - WOMEN'S ROOM A SCALE: 1/4" = 1'-0"



REFLECTED CEILING PLAN - WOMEN'S ROOM A

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

REPLACE

MARBLE

IN KIND

ALL WALL TILE

FINISHES ARE CT-12

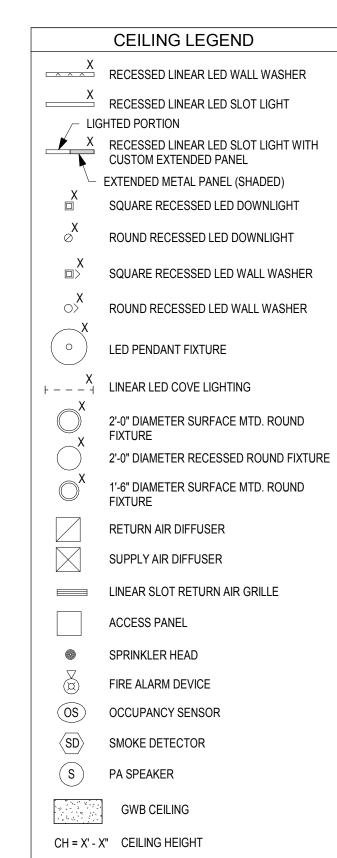
UNLESS NOTED

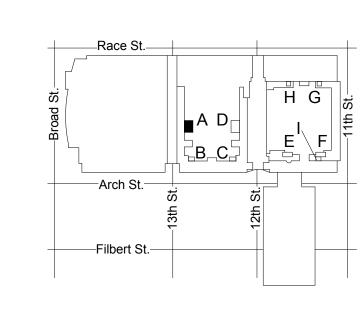
OTHERWISE

THRESHOLD

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- 8. CEILING OCCUPANCY SENSORS TO BE INSTALLED SO AS TO PROVIDE COMPLETE ROOM COVERAGE.
- 10. PROVIDE NEW COVER PLATES FOR EXISTING SPRINKLER





KEY PLAN - LEVEL 100

RCP & FINISH PLANS - ROOM A (SEMINAR)

RESTROOM RENOVATIONS

CONVERSE **WINKLER**

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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:

PENNSYLVANIA CONVENTION CENTER

Description

SUITE 507

STRUCTURAL ENGINEERS:

PHILADELPHIA, PA 19125

e-mail: wau@csagroup.com

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,

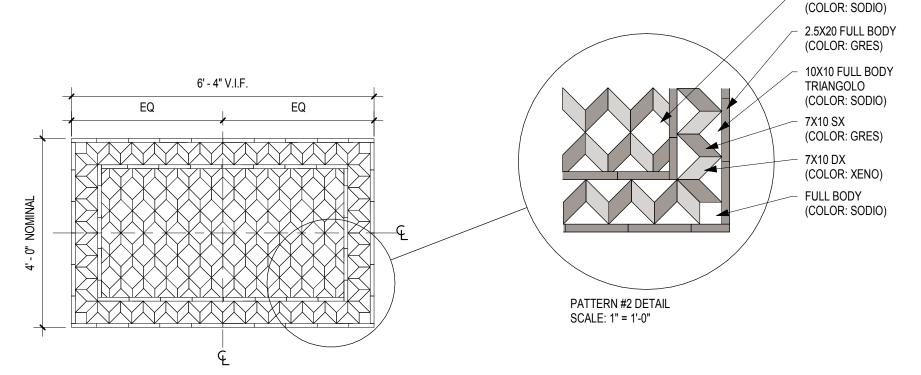
Bala Cynwyd, PA, 19144

ARCHITECTURE

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

As indicated

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



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

A612 SCALE: 1/2" = 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 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

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

LINE OF

COUNTER

ABOVE

JANITOR'S

CLOSET

N.I.C.

REPLACE MARBLE THRESHOLD IN KIND

FLOOR: CT-10 -

SEE DWG 5/A612

FOR ENLARGED =

MOVEMENT JOINT

PROFILE TR-6

FIELD TILE

POINT

START 🛱

FLOOR: CT-10

SEE DWG 5/A612

FOR ENLARGED

WOMEN

PLAN

MOVEMENT JOINT

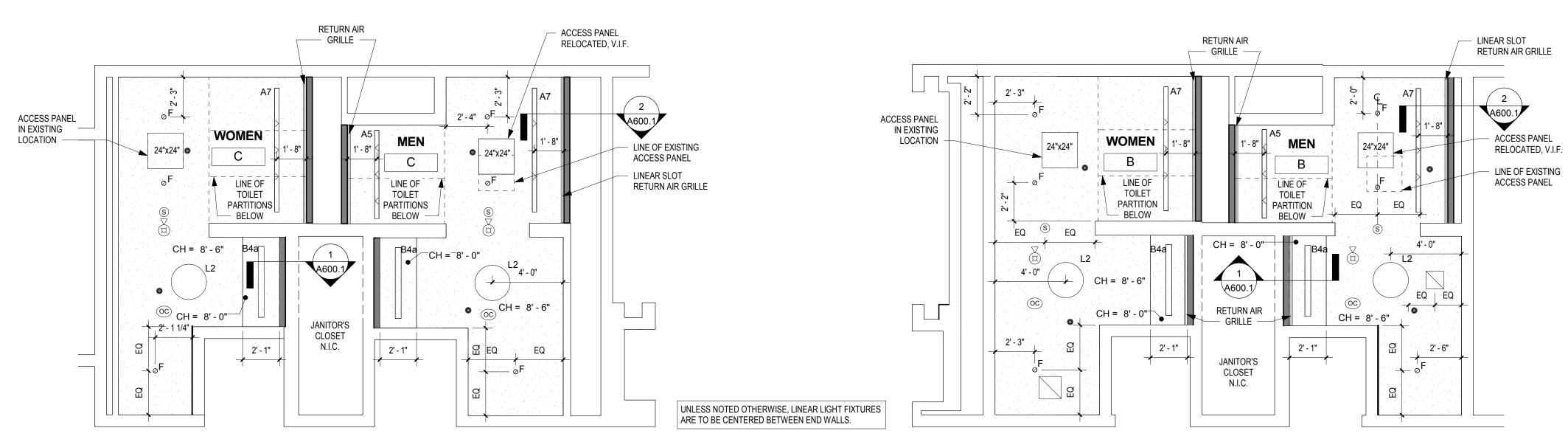
PROFILE TR-6

FIELD TILE

START

POINT

3 FLOOR PLAN - MEN'S & WOMEN'S ROOM B A612 SCALE: 1/4" = 1'-0"



ALL WALL TILE FINISHES ARE CT-

12 UNLESS NOTED OTHERWISE

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

10X10 FULL BODY

- 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**

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ARCHITECTS:

ARCHITECTURE

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ARORA°

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CSA GROUP

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Fax: 215.427.8752

Contact: Wing Au

REVISIONS:

PENNSYLVANIA CONVENTION CENTER

Description

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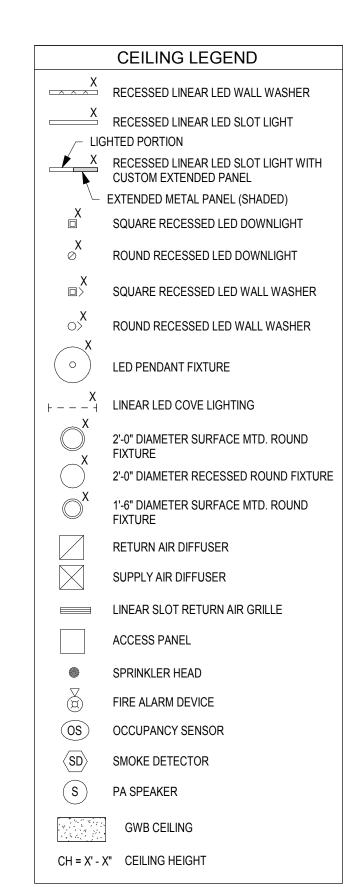
CONVERSE WINKLER

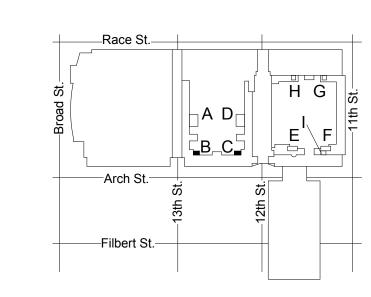
331 Montgomery Avenue,

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
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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.





Date

Drawn by Checked by A612

RCP & FINISH

PLANS - ROOMS

B, C (SEMINAR)

November 25, 2019

As indicated

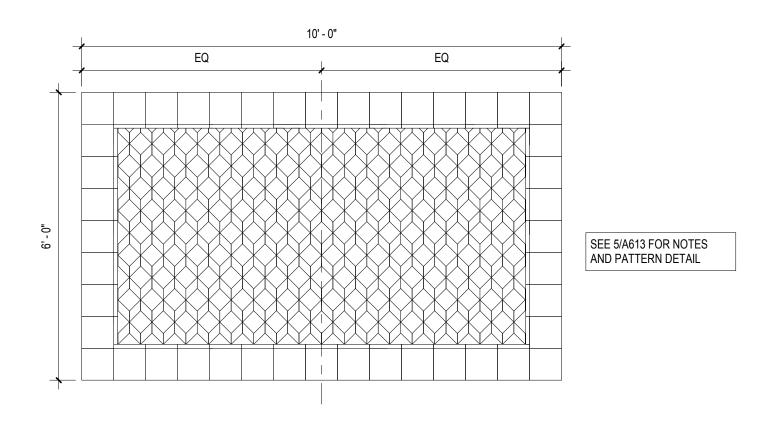
CW1615

LC/KR

EW

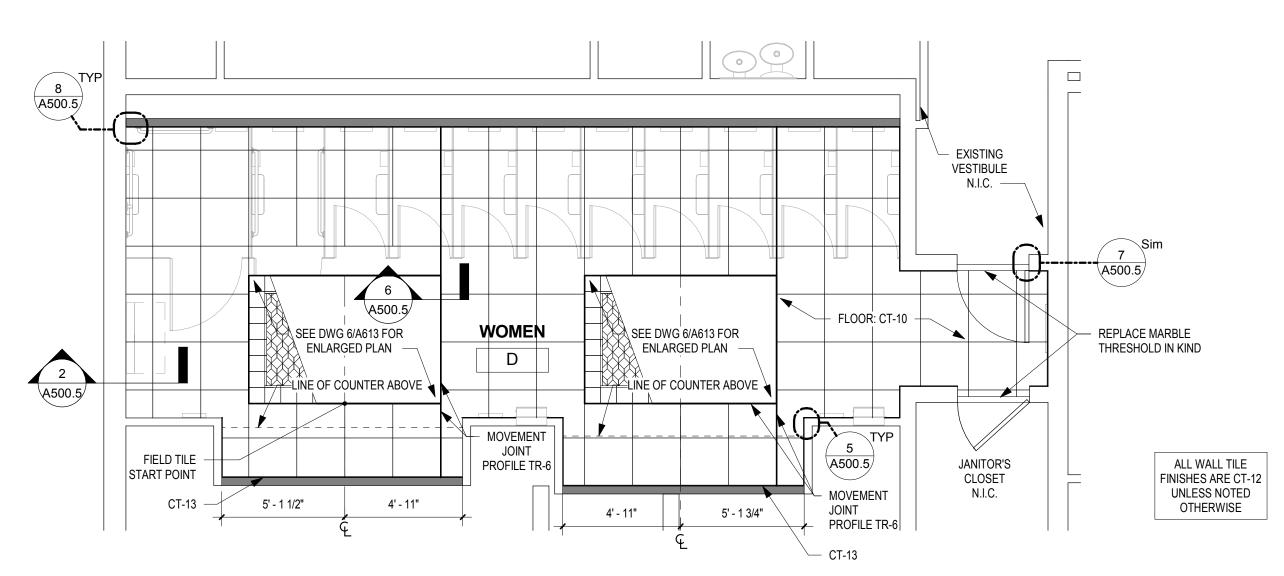
RESTROOM RENOVATIONS
101 ARCH STREET, PHILADELPHIA, PA 191

KEY PLAN - LEVEL 100



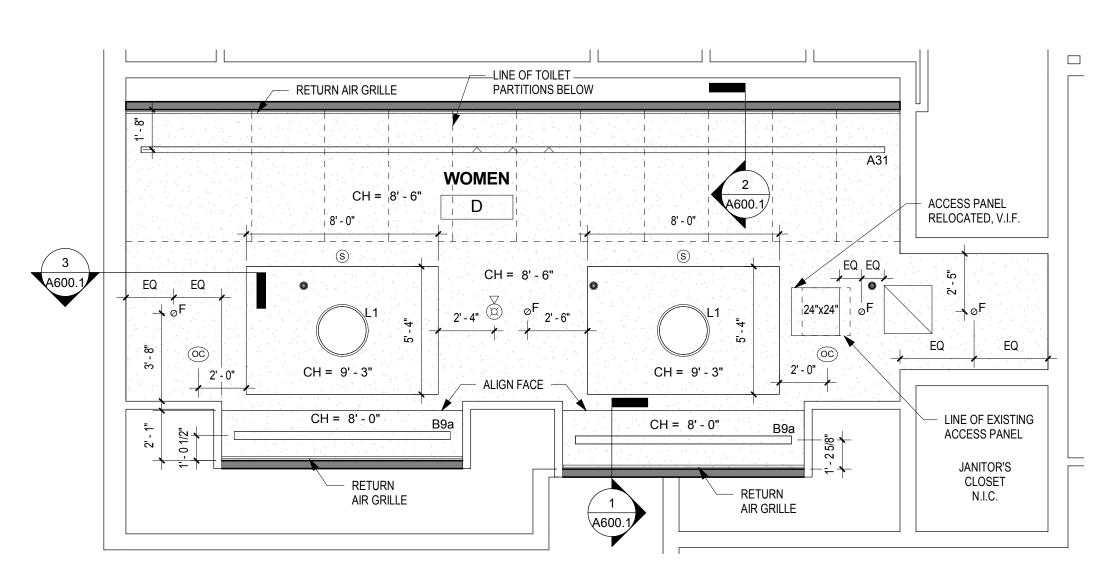
6 FLOOR ACCENT TILE PATTERN #1 (CT-11)

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



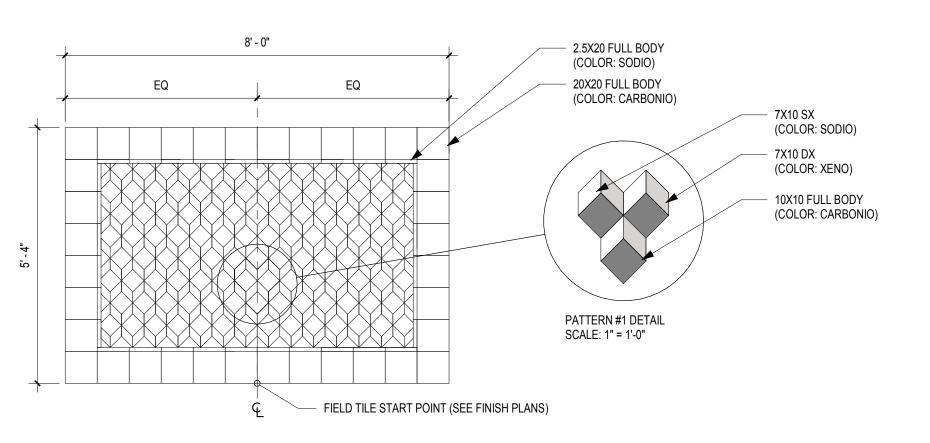
4 FINISH PLAN - WOMEN'S ROOM D

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



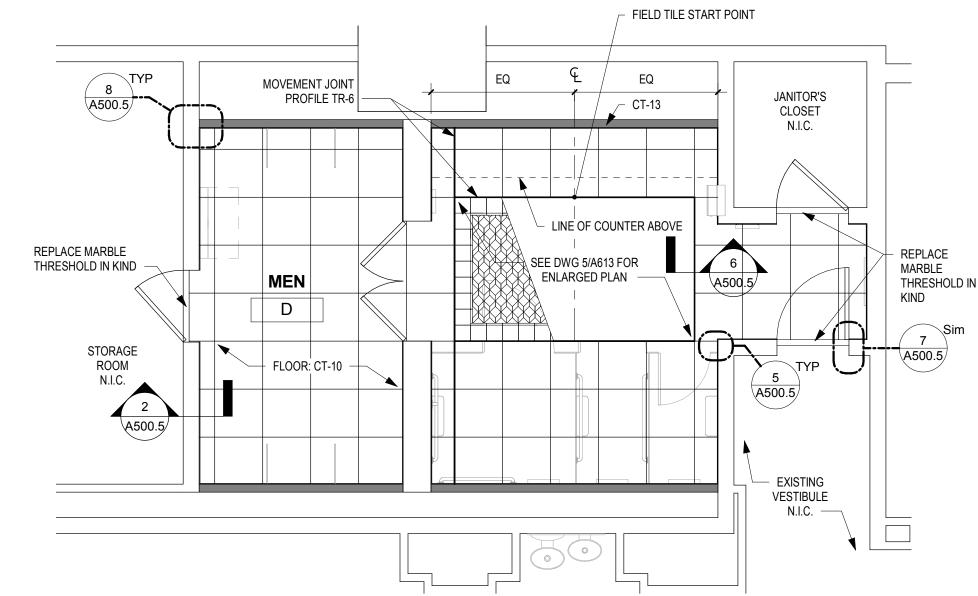
REFLECTED CEILING PLAN - WOMEN'S ROOM D

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



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

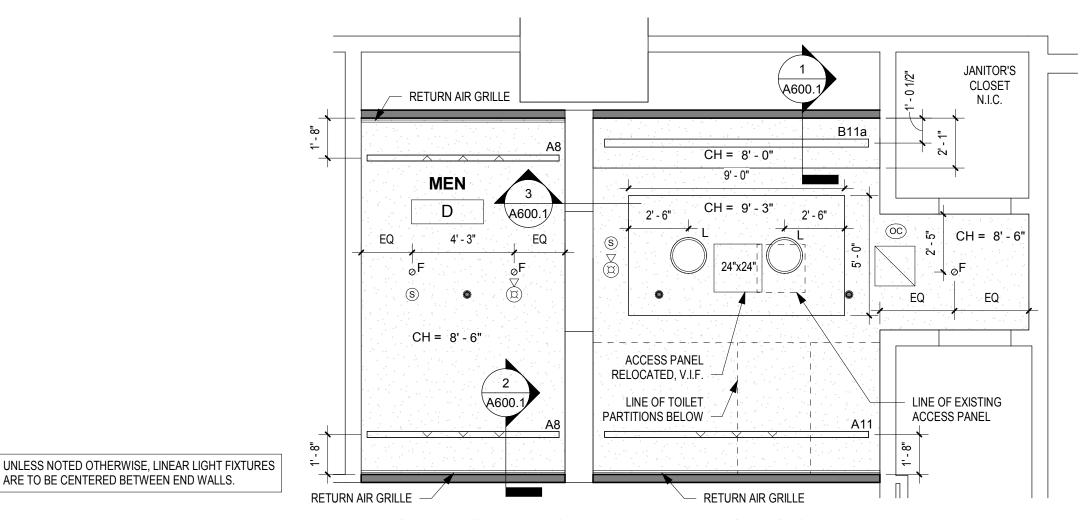
A613 SCALE: 1/2" = 1'-0"



3 FINISH PLAN - MEN'S ROOM D

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

ARE TO BE CENTERED BETWEEN END WALLS.

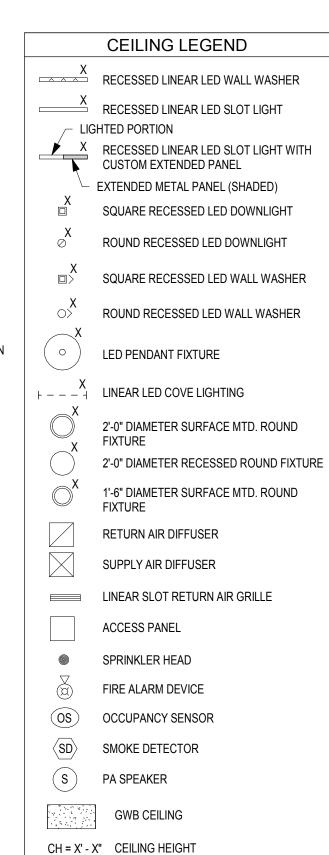


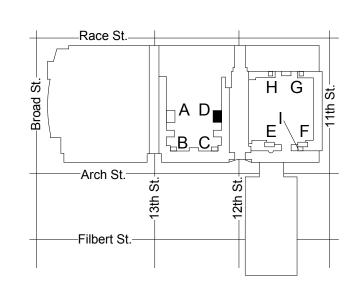
REFLECTED CEILING PLAN - MEN'S ROOM D

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

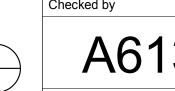
DRAWING GENERAL NOTES

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





KEY PLAN - LEVEL 100



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MEP ENGINEERS:



CONVERSE **WINKLER**

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

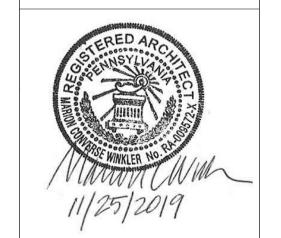
Contact: Kevin Sultanik e-mail: ksultanik@aroraengineers.com

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

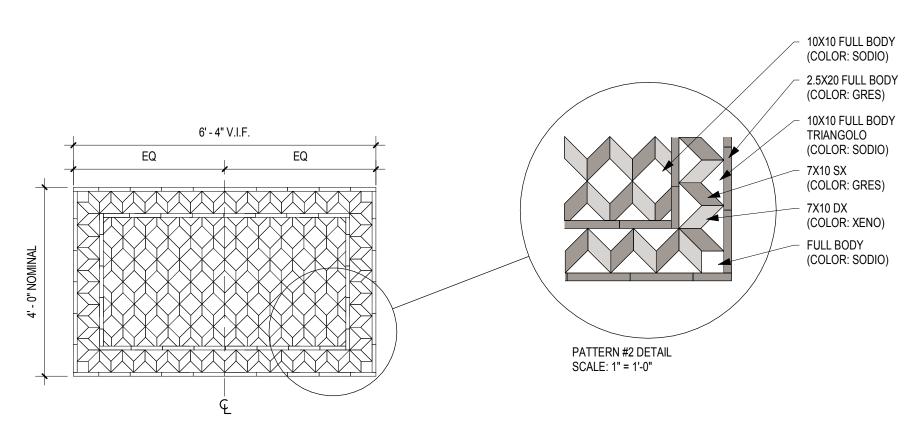
PENNSYLVANIA CONVENTION CENTER

RESTROOM RENOVATIONS

RCP & FINISH PLAN - ROOM D (SEMINAR)

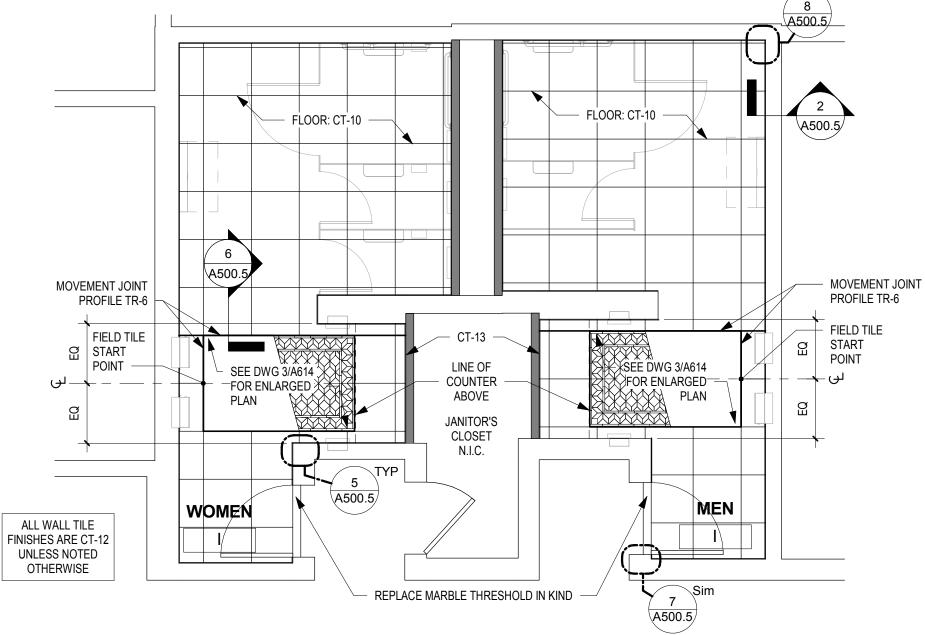
CW1615 Project number Date November 25, 2019 LC/KR Drawn by EW Checked by

A613



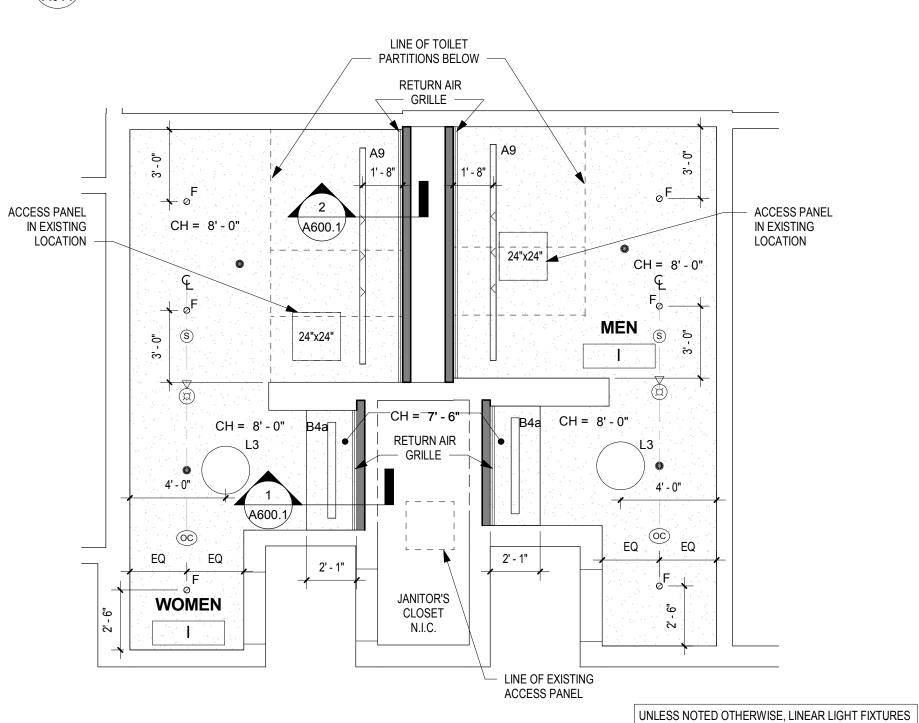
3 FLOOR ACCENT TILE PATTERN #2 (CT-11)

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



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

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



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

DRAWING GENERAL NOTES

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CONVERSE

331 MONTGOMERY AVE BALA CYNWYD, PA 19144

ARCHITECTURE

WINKLER

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

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1341 NORTH DELAWARE AVENUE,

STRUCTURAL ENGINEERS:

PHILADELPHIA, PA 19125

e-mail: wau@csagroup.com

Arora Engineers, Inc.

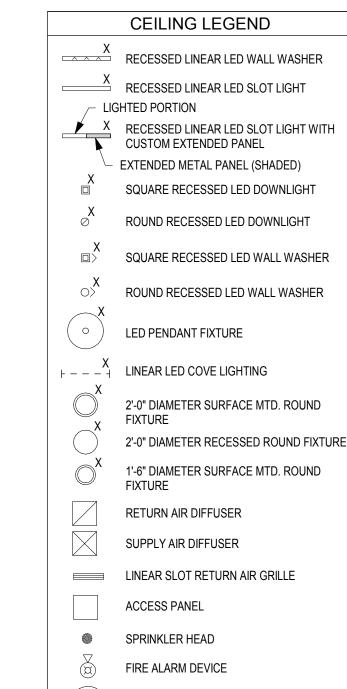
Chadds Ford, PA 19317

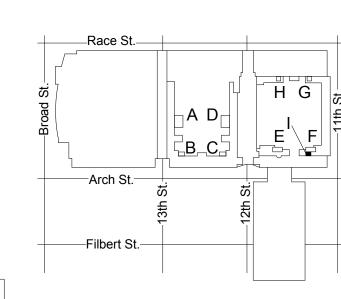
CONVERSE WINKLER

331 Montgomery Avenue,

Bala Cynwyd, PA, 19144

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KEY PLAN - LEVEL 100

ARE TO BE CENTERED BETWEEN END WALLS.

NTS

November 25, 2019 Date Drawn by Checked by

PENNSYLVANIA CONVENTION CENTER

RESTROOM RENOVATIONS
101 ARCH STREET, PHILADELPHIA, PA 191

CW1615

LC/KR

EW

RCP & FINISH

PLAN - ROOM I

(SEMINAR)

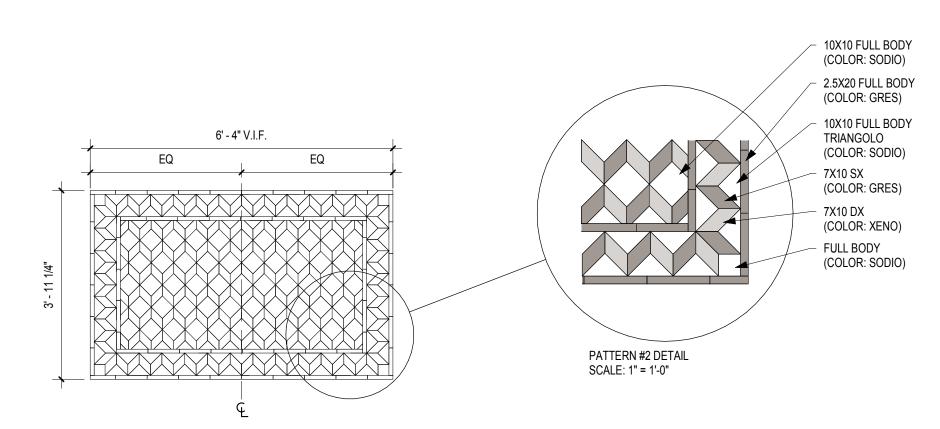
As indicated

OCCUPANCY SENSOR

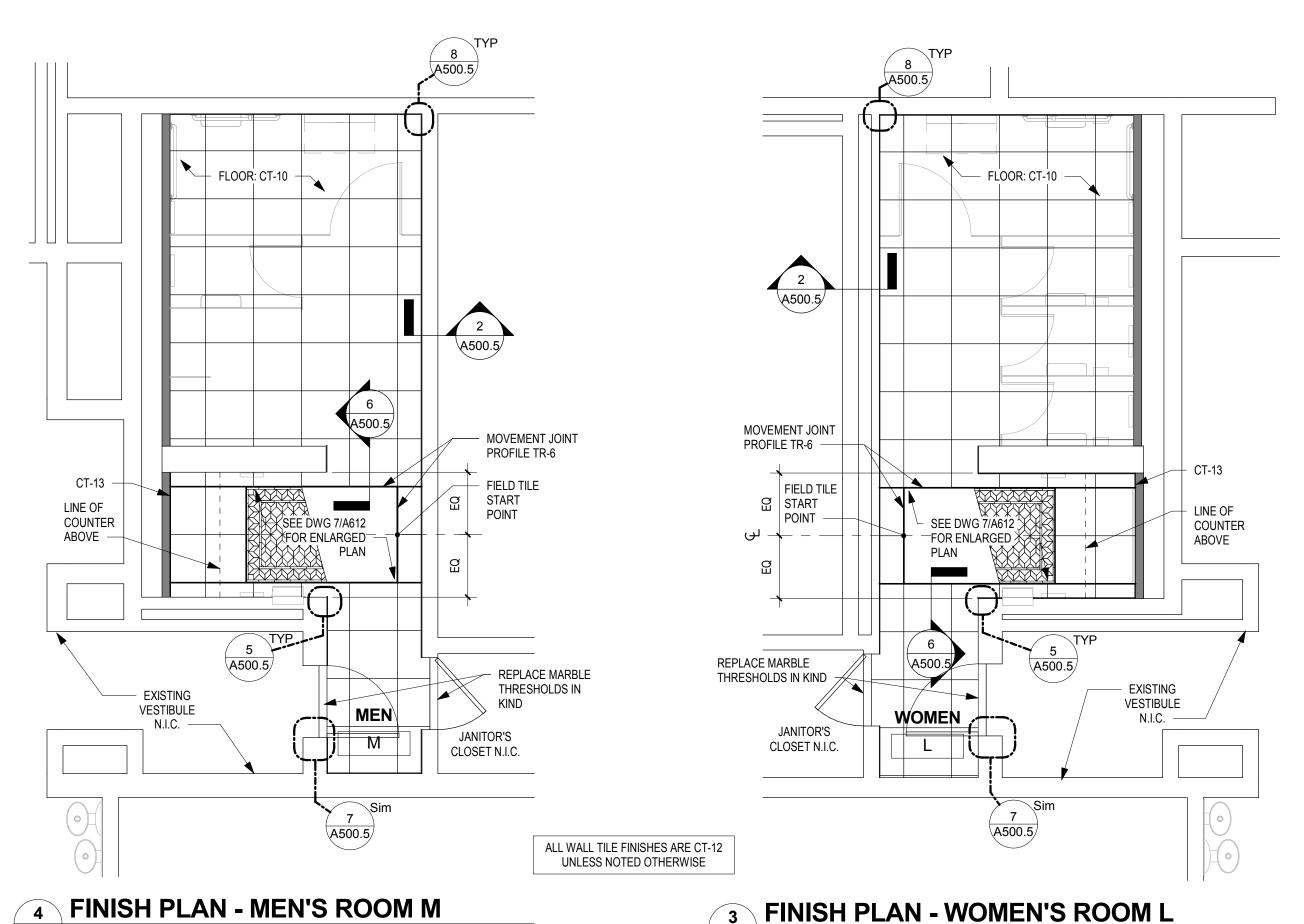
 $\langle SD \rangle$ SMOKE DETECTOR S PA SPEAKER

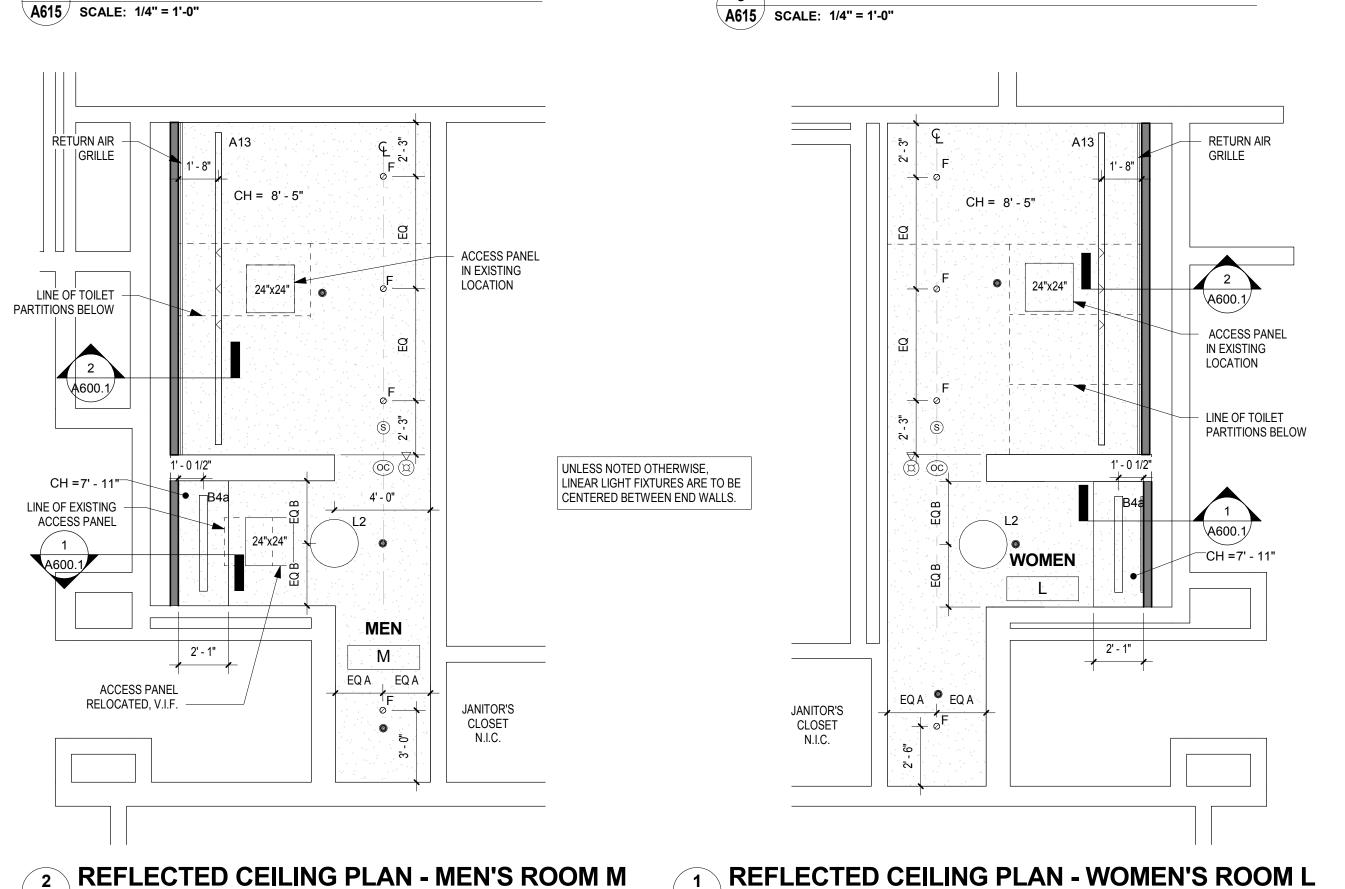
GWB CEILING

CH = X' - X" CEILING HEIGHT



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



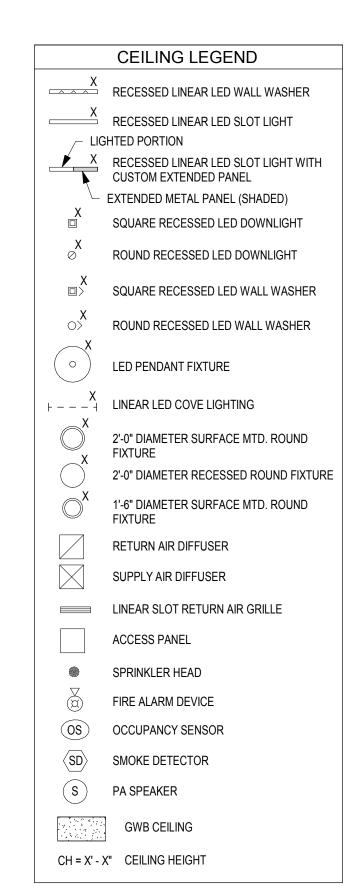


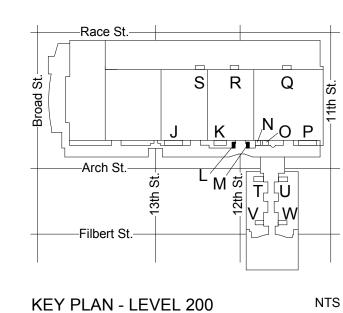
A615 SCALE: 1/4" = 1'-0"

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DRAWING GENERAL NOTES

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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.





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MEP ENGINEERS:



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

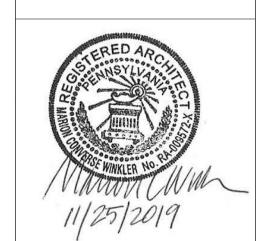
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Ph: 215.427.8700 Fax: 215.427.8752

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



REVISIONS: Description

PENNSYLVANIA CONVENTION CENTER

RESTROOM RENOVATIONS
101 ARCH STREET, PHILADELPHIA, PA 191

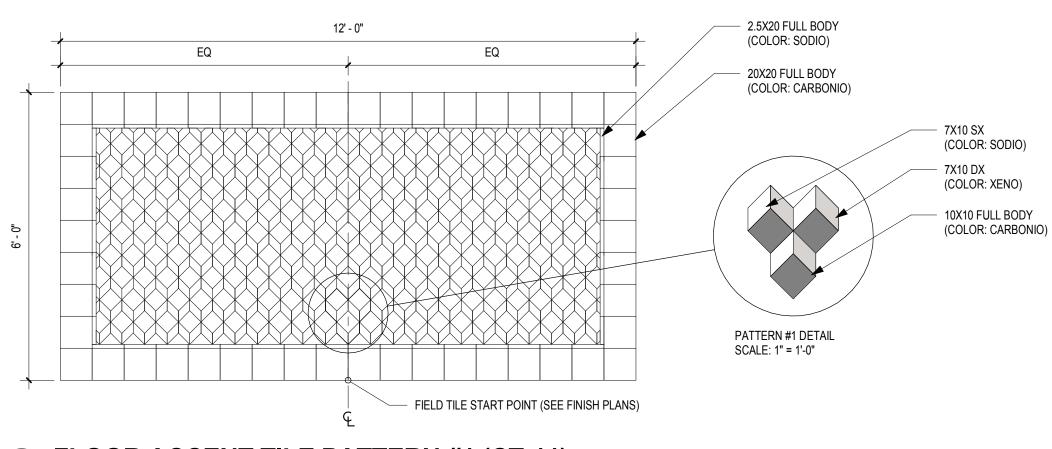
EW

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

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

A615

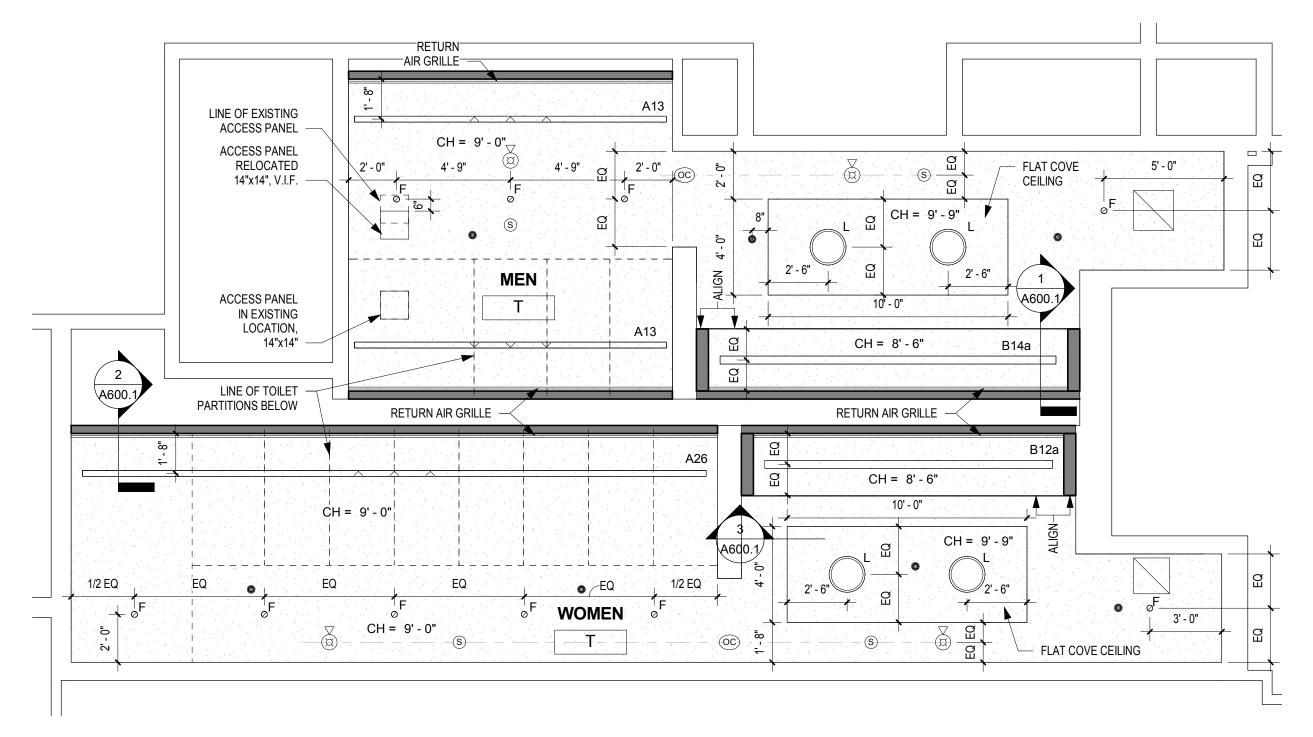
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3 FLOOR ACCENT TILE PATTERN #1 (CT-11) A616 SCALE: 1/2" = 1'-0"

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



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

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

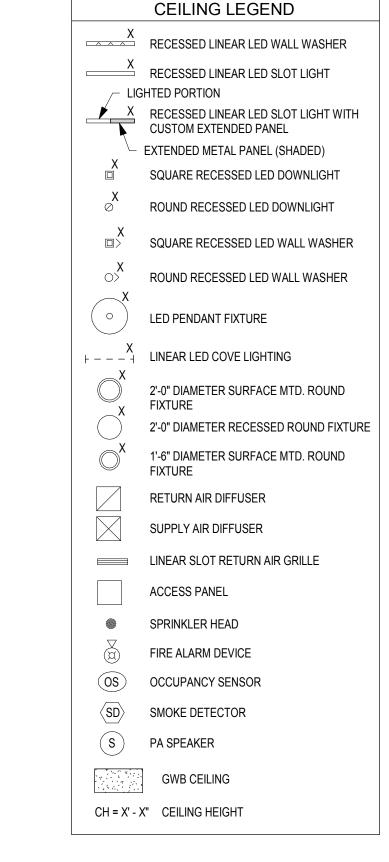
A616 SCALE: 1/4" = 1'-0"

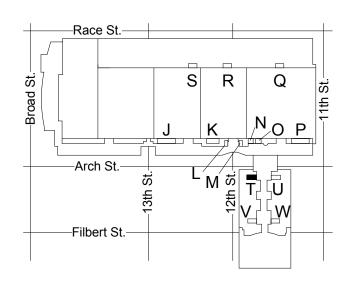
DRAWING GENERAL NOTES

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KEY PLAN - LEVEL 200



Project number

Date

As indicated

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:

ARCHITECTS:

CONVERSE WINKLER



CONVERSE **WINKLER**

331 MONTGOMERY AVE BALA CYNWYD, PA 19144

ARCHITECTURE

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

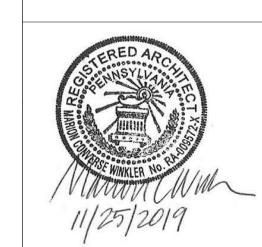
Contact: Kevin Sultanik e-mail: ksultanik@aroraengineers.com

STRUCTURAL ENGINEERS:

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

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REVISIONS: Description

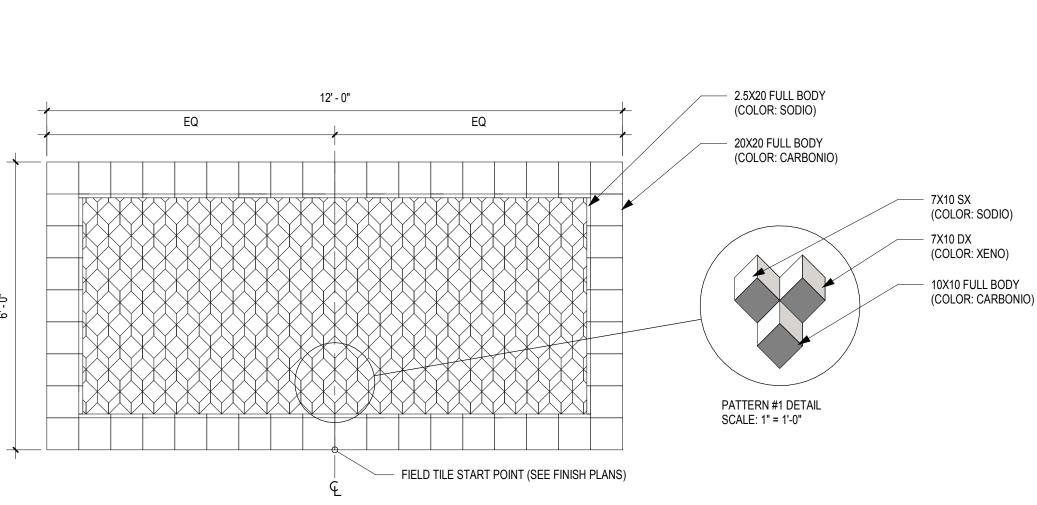
PENNSYLVANIA CONVENTION CENTER RESTROOM RENOVATIONS
101 ARCH STREET, PHILADELPHIA, PA 191

RCP & FINISH PLAN - ROOM T (SEMINAR)

LC/KR EW A616

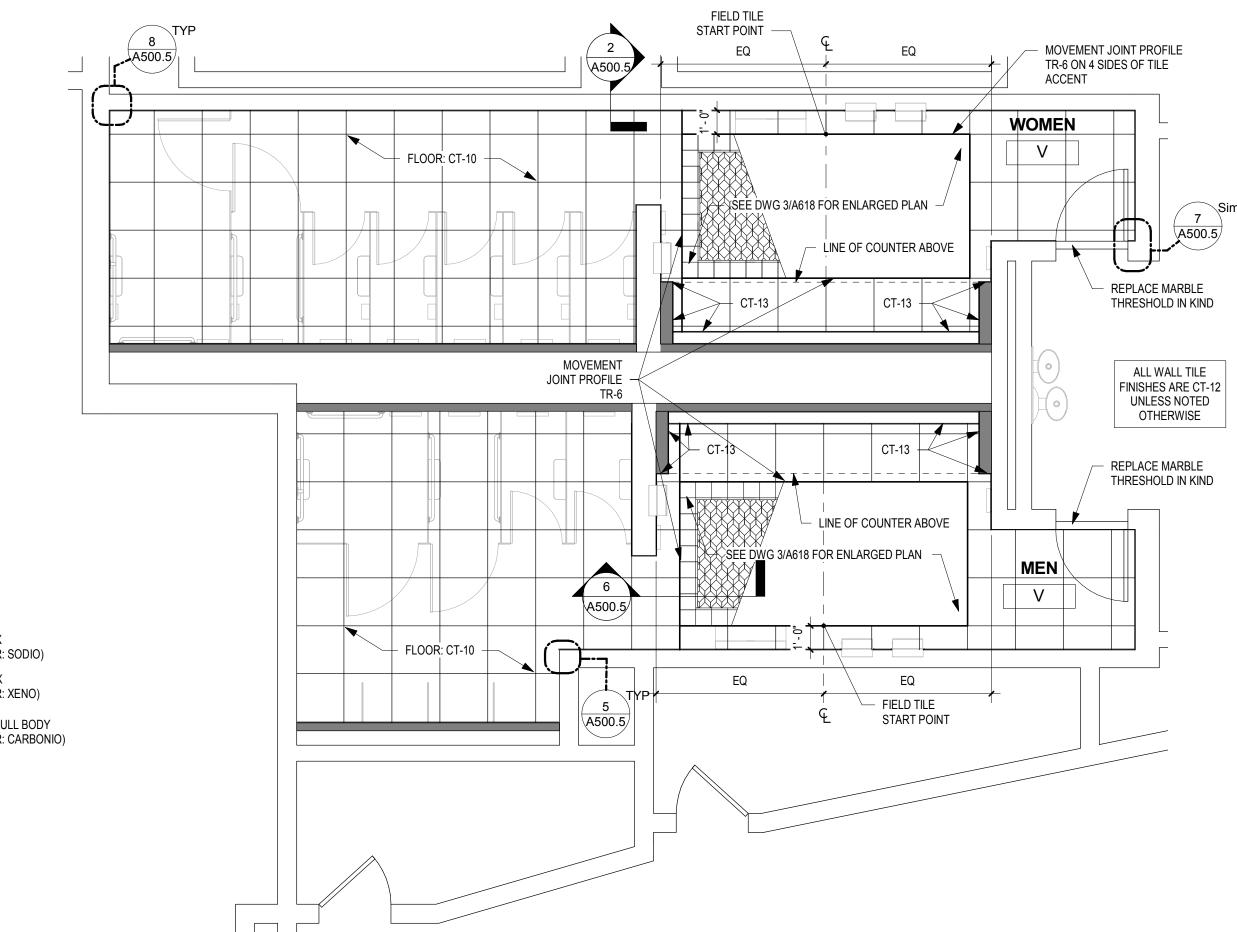
November 25, 2019

CW1615



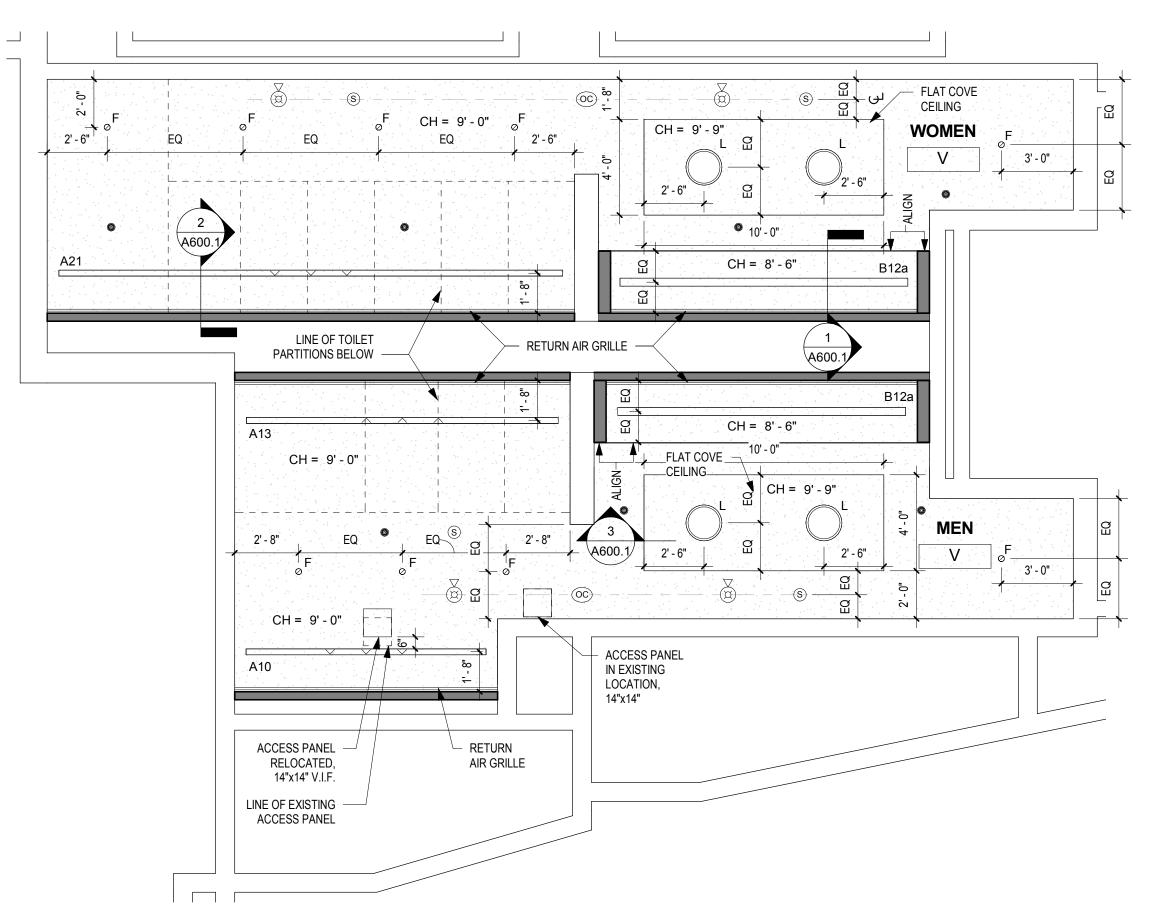
3 FLOOR ACCENT TILE PATTERN #1 (CT-11)

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



FINISH PLAN - MEN'S & WOMEN'S ROOM V

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



1 REFLECTED CEILING PLAN - MEN'S & WOMEN'S ROOM V
A618 SCALE: 1/4" = 1'-0"

DRAWING GENERAL NOTES

- SEE A500-SERIES SHEETS FOR INTERIOR ELEVATIONS AND WALL TILE PATTERN DETAILS.

 ALL BASIS OF DESIGN ELOOP AND WALL TILE FINISHES.

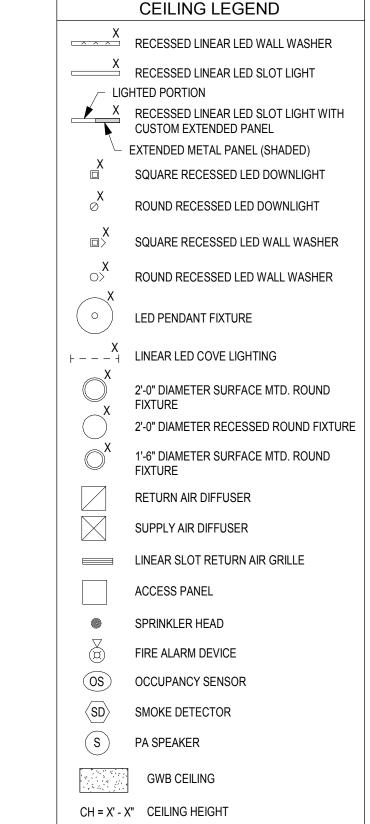
 ALL BASIS OF DESIGN ELOOP AND WALL TILE FINISHES.
- 2. ALL BASIS OF DESIGN FLOOR AND WALL TILE FINISHES AVAILABLE FROM STONE SOURCE PHILADELPHIA. CONTACT MARC NASBERG: 202.549.3913;
- MNASBERG@STONESOURCE.COM

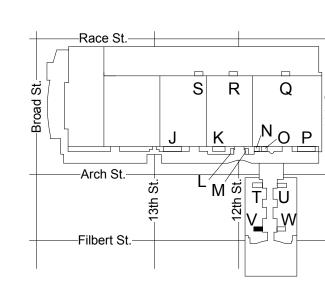
 3. SEE LUMINAIRE SCHEDULE ON SHEET E702 FOR BASIS OF DESIGN LIGHT FIXTURES SHOWN ON RCP. AVAILABLE FROM DIVERSIFIED LIGHTING; CONTACT DEIRDRE MCCLINTOCK: (215) 442-0700; DMCCLINTOCK@DLATG.COM
- 4. VERIFY IN FIELD THE SUITABILITY OF PROPOSED NEW
 CEILING ACCESS PANEL LOCATIONS. NOTIFY ARCHITECT IF
 PROPOSED 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.

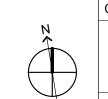
 6. PRIMARY CEILINGS IN EXHIBIT HALL TYPE RESTROOMS ARE TO BE REPLACED IN SAME LOCATION AS EXISTING.
- CEILING HEIGHTS NOTED ON RCP ARE TO BE VERIFIED IN FIELD.

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





KEY PLAN - LEVEL 200



• CONVERSE
• WINKLER
• ARCHITECTURE

331 MONTGOMERY AVE
BALA CYNWYD, PA 19144

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

Bala Cynwyd, PA, 19144
Ph: 610.664.0806

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

Fax: 215.664.1075

MEP ENGINEERS:

ARORA°
Arora Engineers, Inc.
61 Wilmington-West Chest
Chadds Ford, PA 19317

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

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

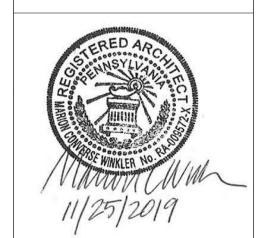
STRUCTURAL ENGINEERS: CSA GROUP 1341 NORTH DELAWARE AVENUE,

PHILADELPHIA, PA 19125

Ph: 215.427.8700 Fax: 215.427.8752

SUITE 507

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



No. Description Date

PENNSYLVANIA
CONVENTION CENTER
RESTROOM RENOVATIONS

RCP & FINISH PLAN - ROOM V (SEMINAR)

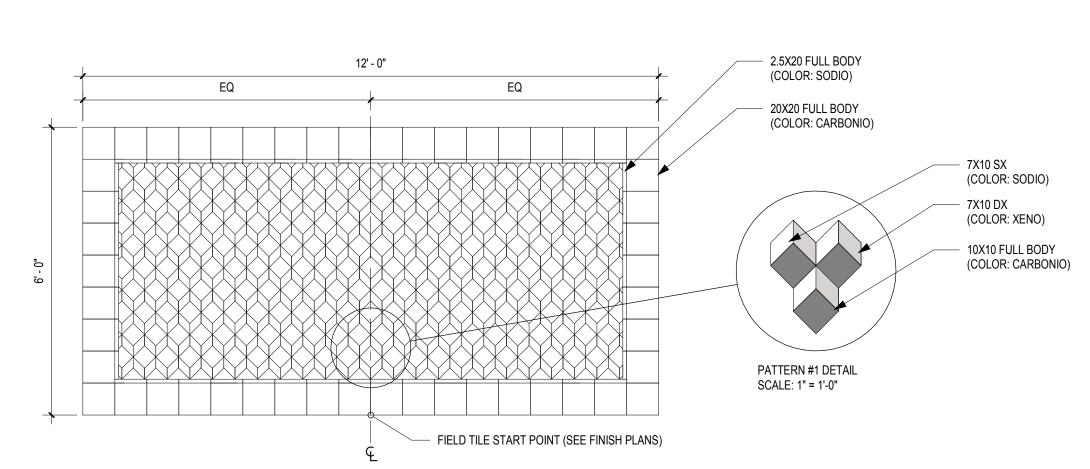
Project number CW1615

Date November 25, 2019

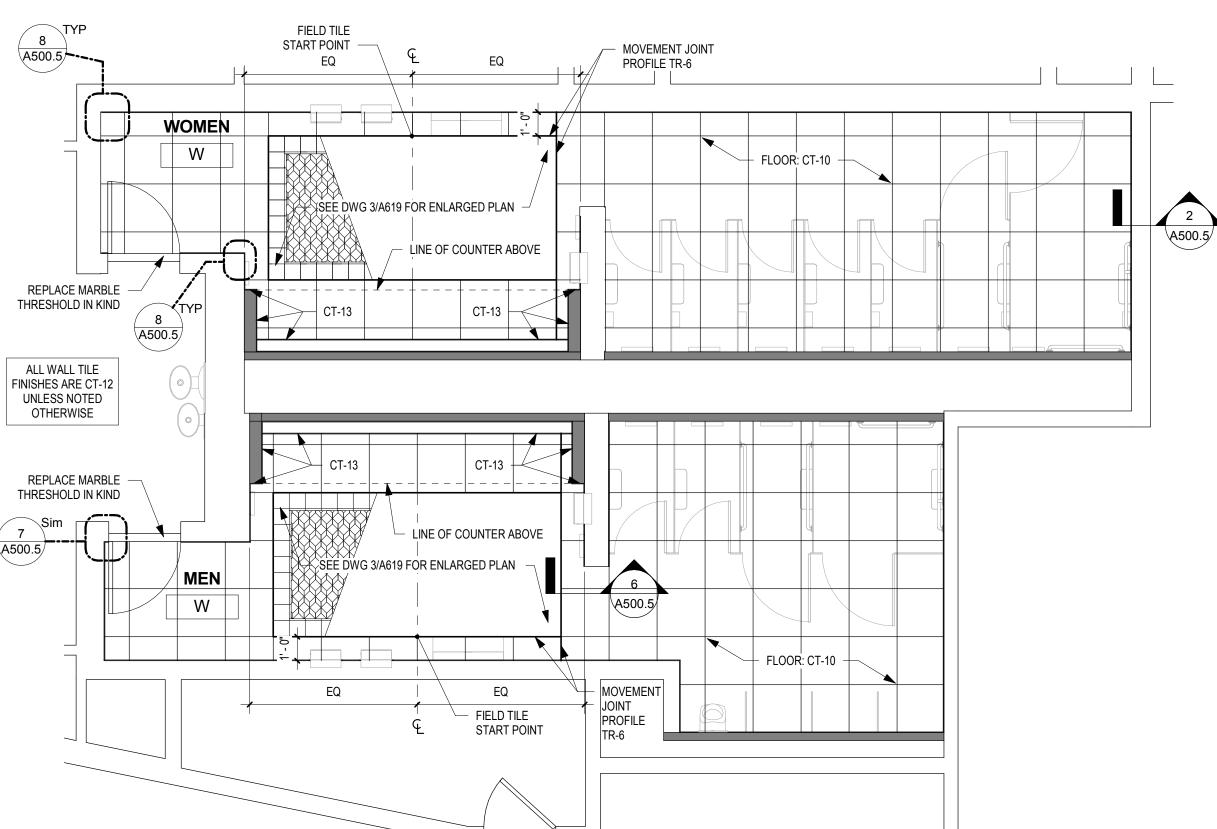
Drawn by LC/KR

A618

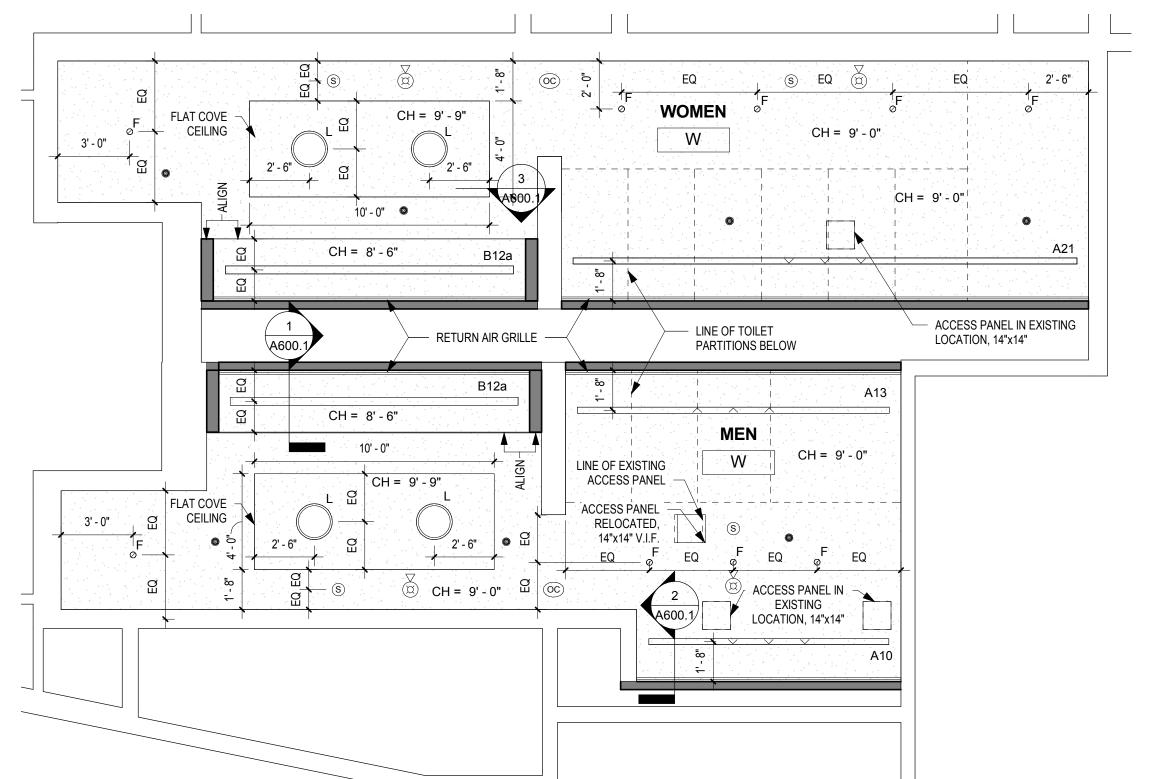
Scale As indicated



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

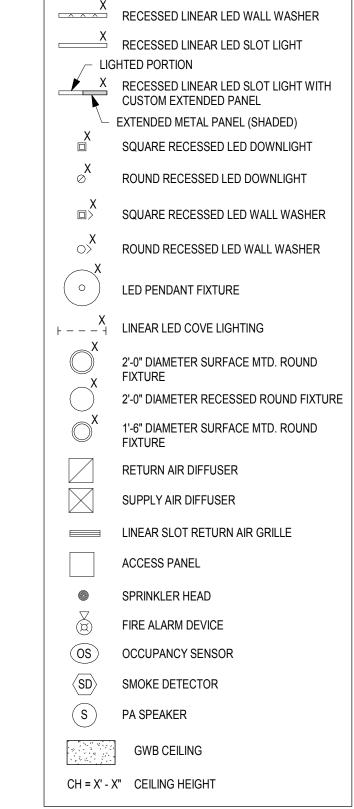
A619 SCALE: 1/4" = 1'-0"

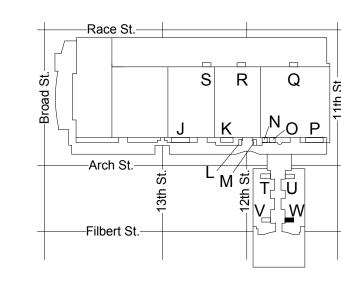
DRAWING GENERAL NOTES

- 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
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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.

CEILING LEGEND

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 200

A619

Project number

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.

CONVERSE **WINKLER**

331 MONTGOMERY AVE BALA CYNWYD, PA 19144

ARCHITECTS:

ARCHITECTURE

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

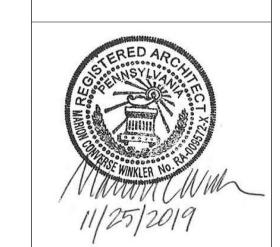
Contact: Kevin Sultanik e-mail: ksultanik@aroraengineers.com

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



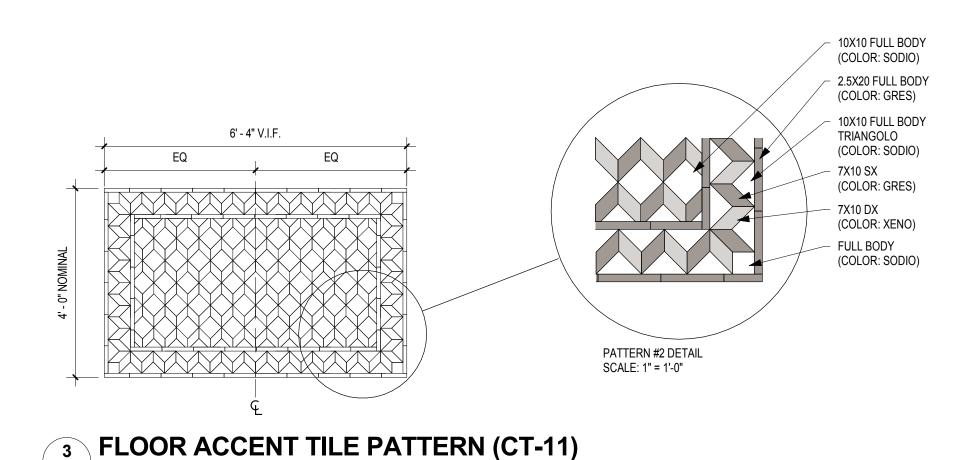
REVISIONS: Description

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

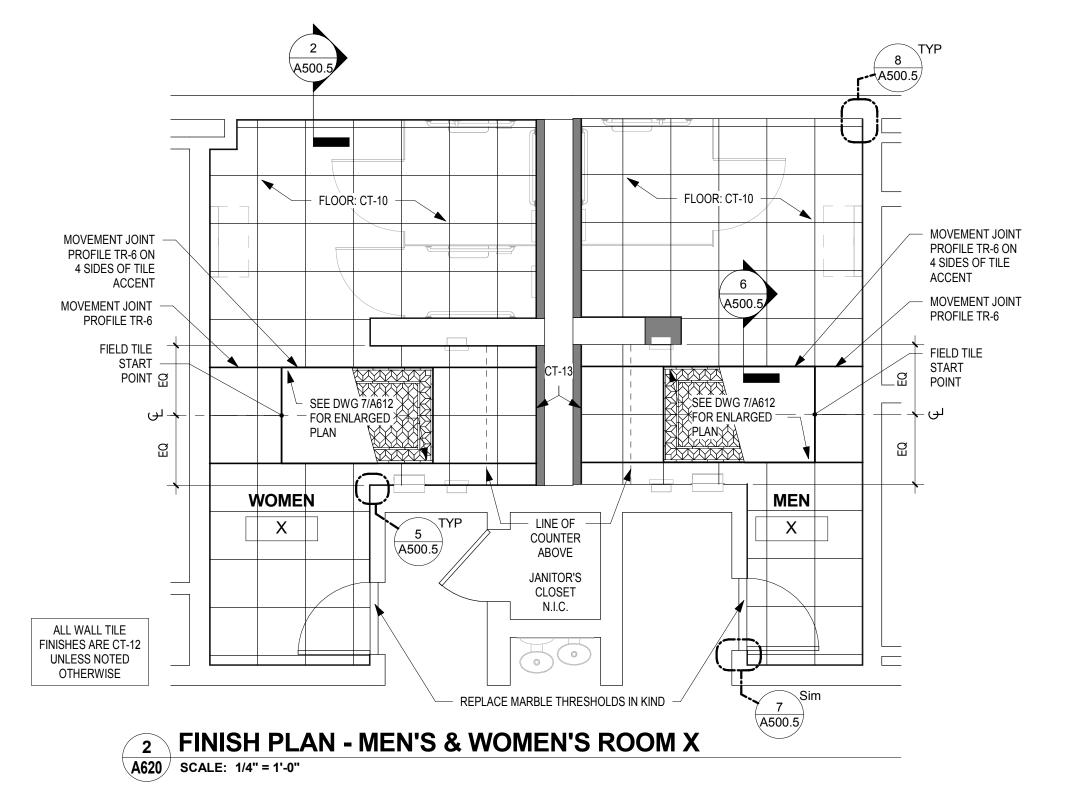
RCP & FINISH PLAN - ROOM W (SEMINAR)

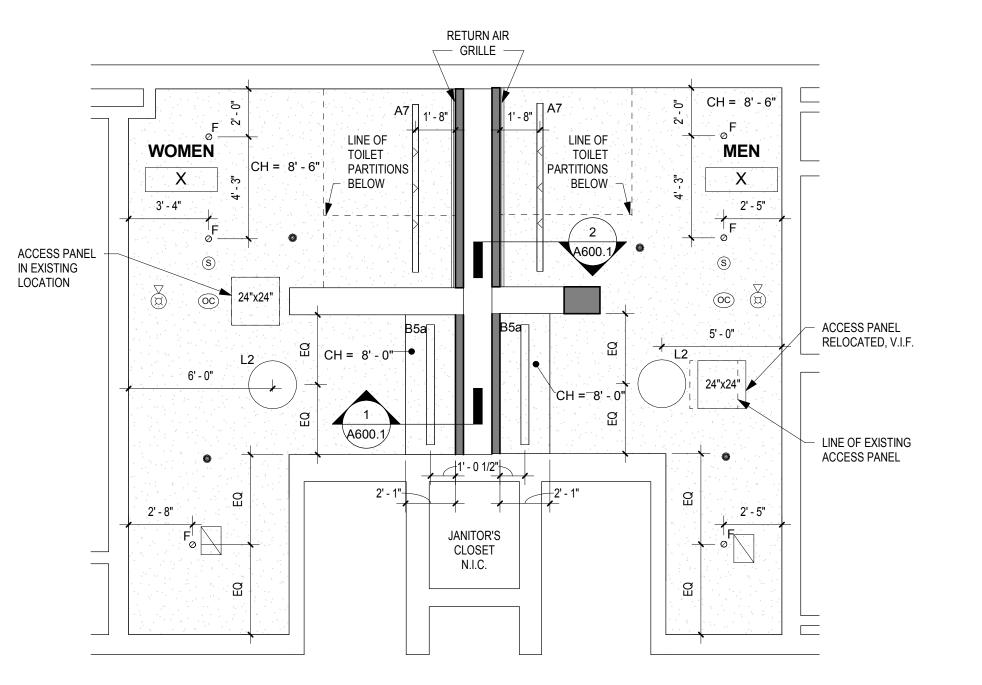
November 25, 2019 Date LC/KR

CW1615



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

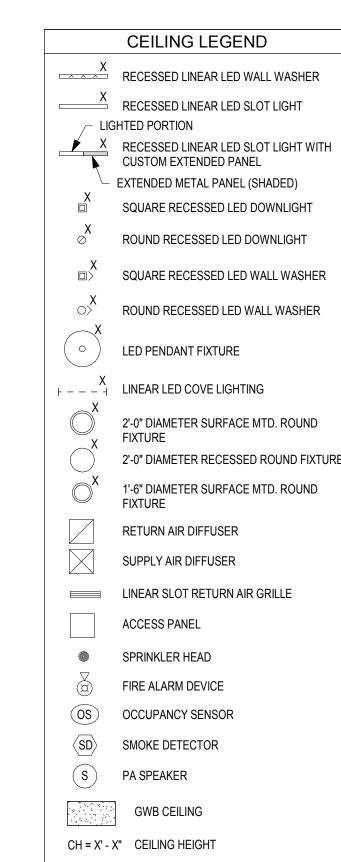


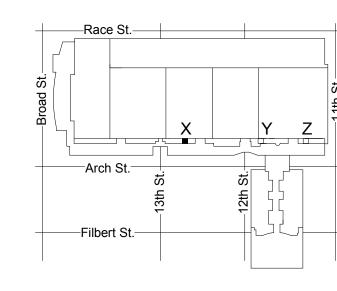


REFLECTED CEILING PLAN - MEN'S & WOMEN'S ROOM X A620 SCALE: 1/4" = 1'-0"

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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- 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.





KEY PLAN - LEVEL 300

NTS

WINKLER ARCHITECTURE 331 MONTGOMERY AVE BALA CYNWYD, PA 19144

CONVERSE

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

MEP ENGINEERS:



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

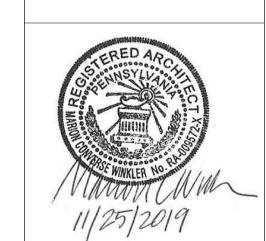
e-mail: ksultanik@aroraengineers.com

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



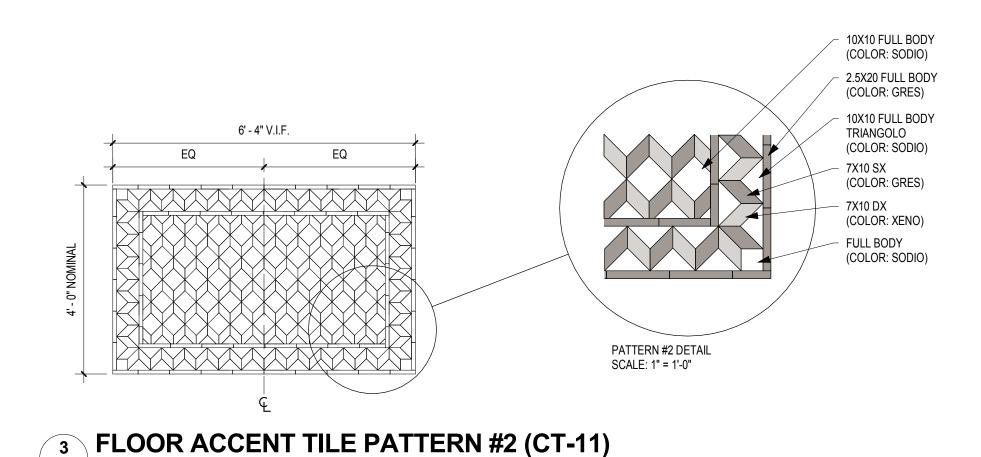
REVISIONS: Description

PENNSYLVANIA CONVENTION CENTER

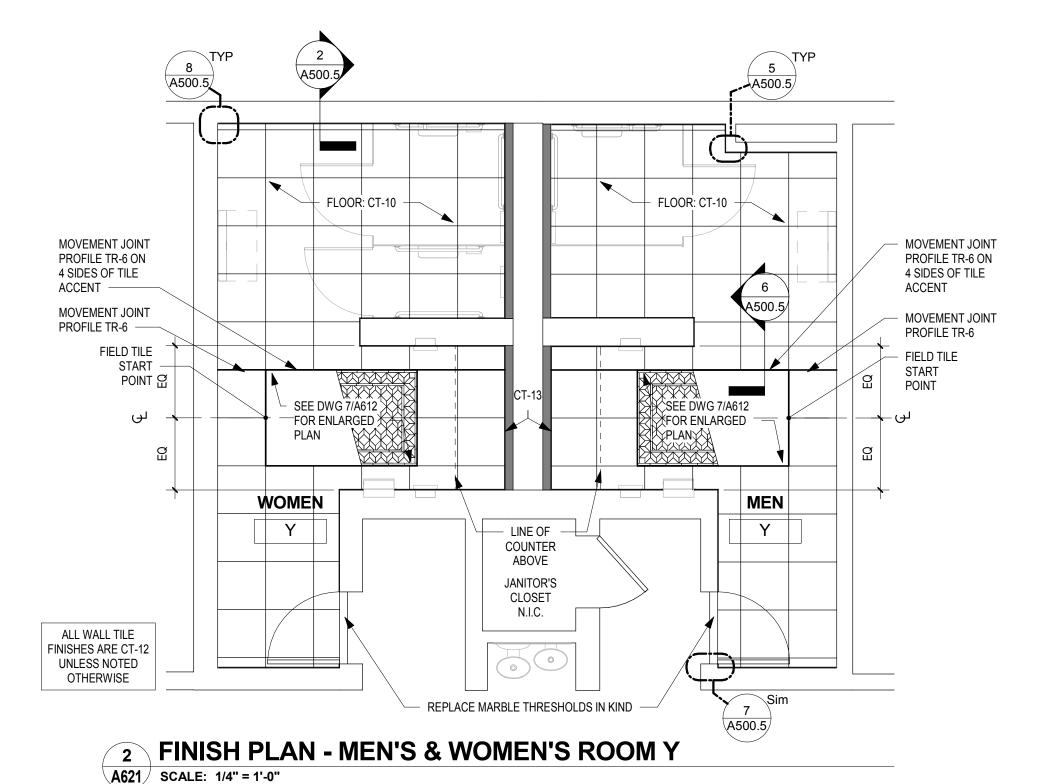
RESTROOM RENOVATIONS
101 ARCH STREET, PHILADELPHIA, PA 191

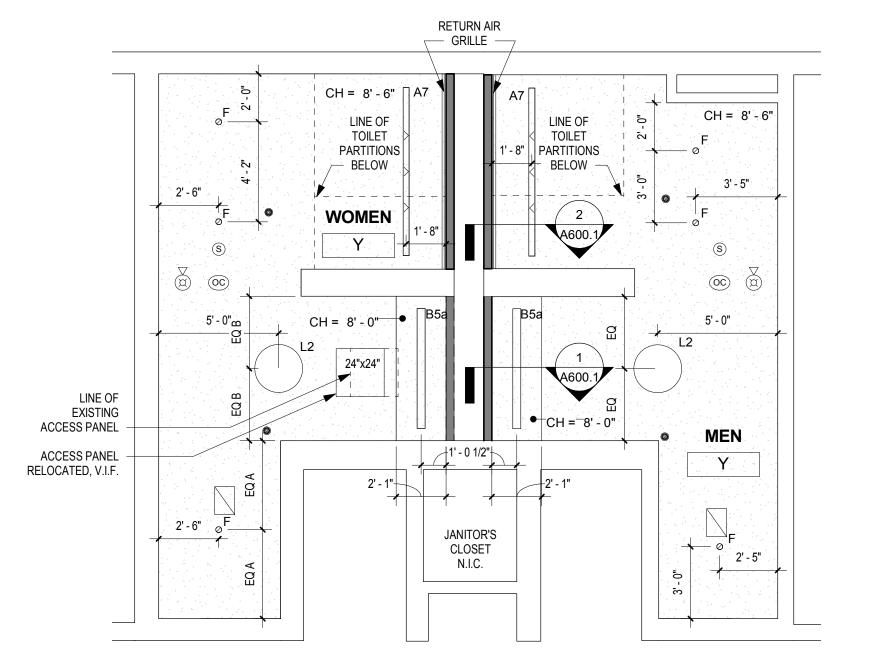
RCP & FINISH PLANS - ROOM X (SEMINAR)

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



A621 SCALE: 1/2" = 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**

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:

PENNSYLVANIA CONVENTION CENTER

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

1341 NORTH DELAWARE AVENUE,

STRUCTURAL ENGINEERS:

PHILADELPHIA, PA 19125

e-mail: wau@csagroup.com

Arora Engineers, Inc.

Chadds Ford, PA 19317

CONVERSE WINKLER

331 Montgomery Avenue,

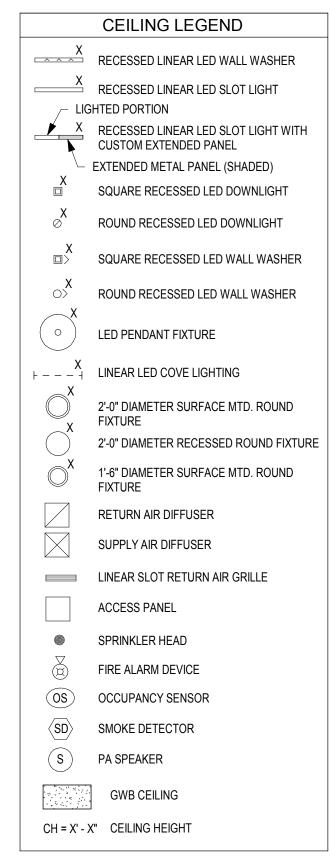
Bala Cynwyd, PA, 19144

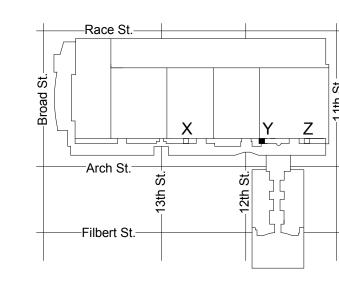
ARCHITECTURE

- 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
- 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 300

November 25, 2019 Date A621

Project number

RCP & FINISH

PLANS - ROOM Y

(SEMINAR)

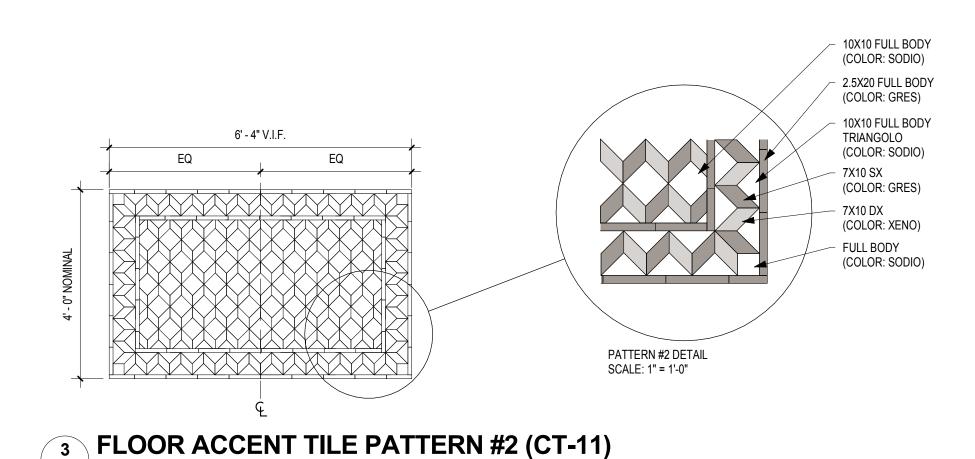
As indicated

CW1615

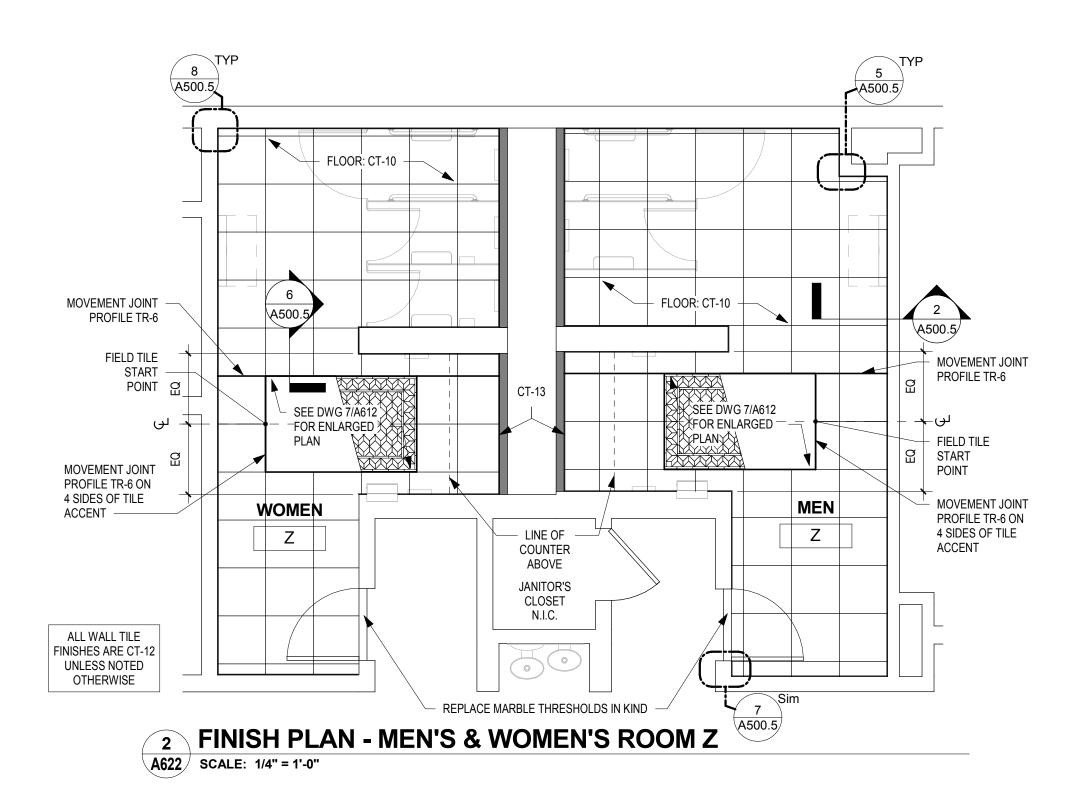
KR/LC

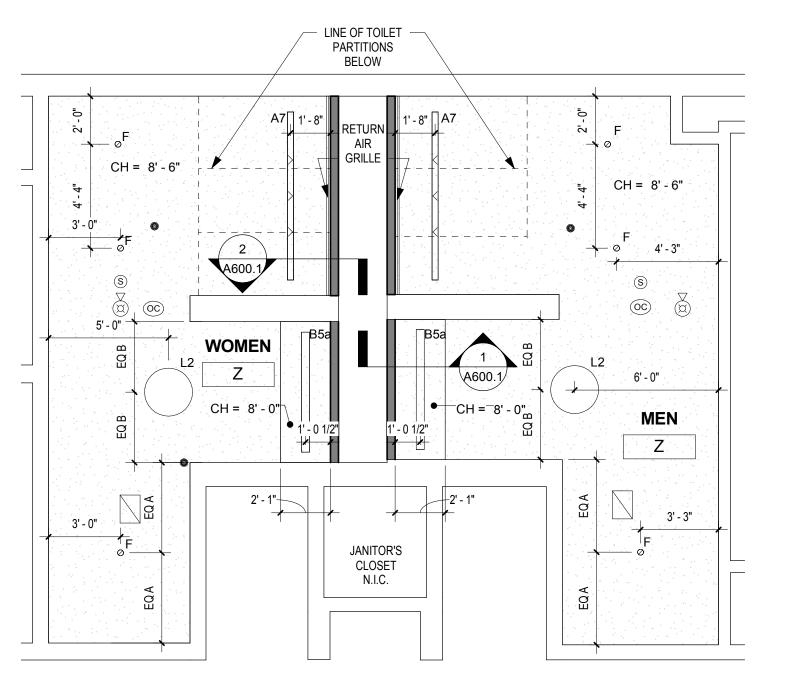
EW

RESTROOM RENOVATIONS
101 ARCH STREET, PHILADELPHIA, PA 191



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





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

DRAWING GENERAL NOTES

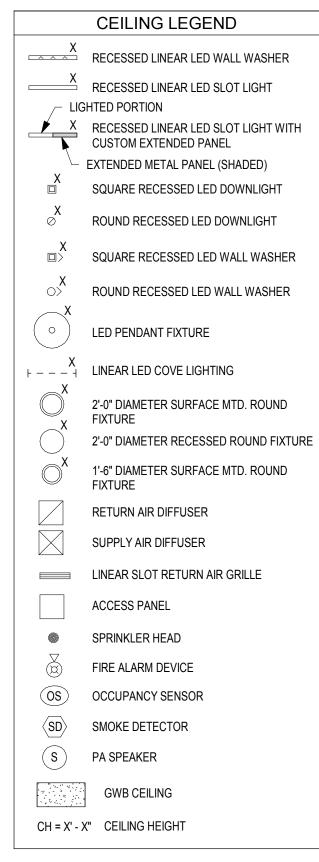
- SEE A500-SERIES SHEETS FOR INTERIOR ELEVATIONS AND WALL TILE PATTERN DETAILS.
 ALL BASIS OF DESIGN FLOOR AND WALL TILE FINISHES AVAILABLE FROM STONE SOURCE - PHILADELPHIA. CONTACT MARC NASBERG: 202.549.3913;
- MNASBERG@STONESOURCE.COM

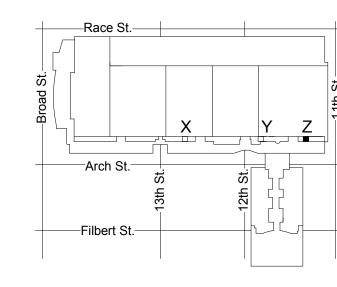
 3. SEE LUMINAIRE SCHEDULE ON SHEET E702 FOR BASIS OF DESIGN LIGHT FIXTURES SHOWN ON RCP. AVAILABLE FROM DIVERSIFIED LIGHTING; CONTACT DEIRDRE MCCLINTOCK: (215) 442-0700; DMCCLINTOCK@DLATG.COM
- VERIFY IN FIELD THE SUITABILITY OF PROPOSED NEW
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 PROPOSED LOCATION DOES NOT PROVIDE ADEQUATE
 ACCESS, AND PROPOSE ALTERNATE LOCATION.
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 NEW DEVICE LOCATIONS ARE AS INDICATED ON
- ARCHITECTURAL RCP.

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 CEILING HEIGHTS NOTED ON RCP ARE TO BE VERIFIED IN FIFI D.
- FIELD.

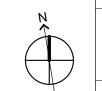
 7. CONTRACTOR TO NOTIFY ARCHITECT OF ANY
 UNFORESEEN OBSTRUCTIONS PREVENTING INSTALLATION
- OF CEILINGS AT HEIGHT INDICATED ON RCP.

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





KEY PLAN - LEVEL 300



CONVERSE
WINKLER
ARCHITECTURE
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:

PENNSYLVANIA CONVENTION CENTER

RESTROOM RENOVATIONS
101 ARCH STREET, PHILADELPHIA, PA 191

CW1615

KR/LC EW

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

1341 NORTH DELAWARE AVENUE,

STRUCTURAL ENGINEERS:

PHILADELPHIA, PA 19125

e-mail: wau@csagroup.com

Arora Engineers, Inc.

Chadds Ford, PA 19317

CONVERSE WINKLER

331 Montgomery Avenue,

Bala Cynwyd, PA, 19144

A622

Project number

Date

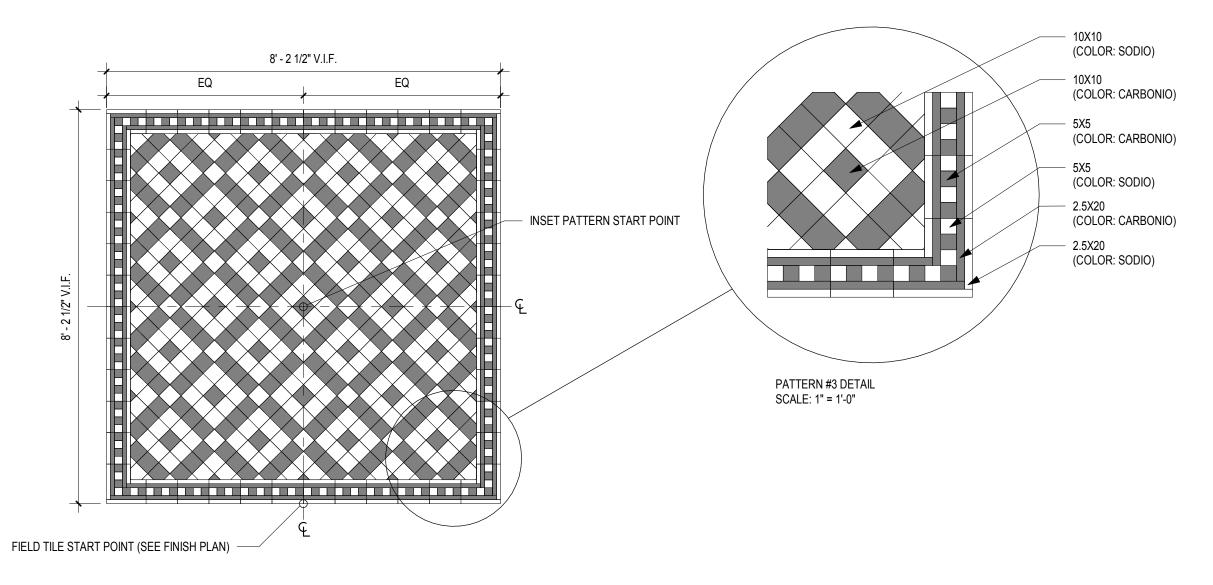
As indicated

November 25, 2019

RCP & FINISH

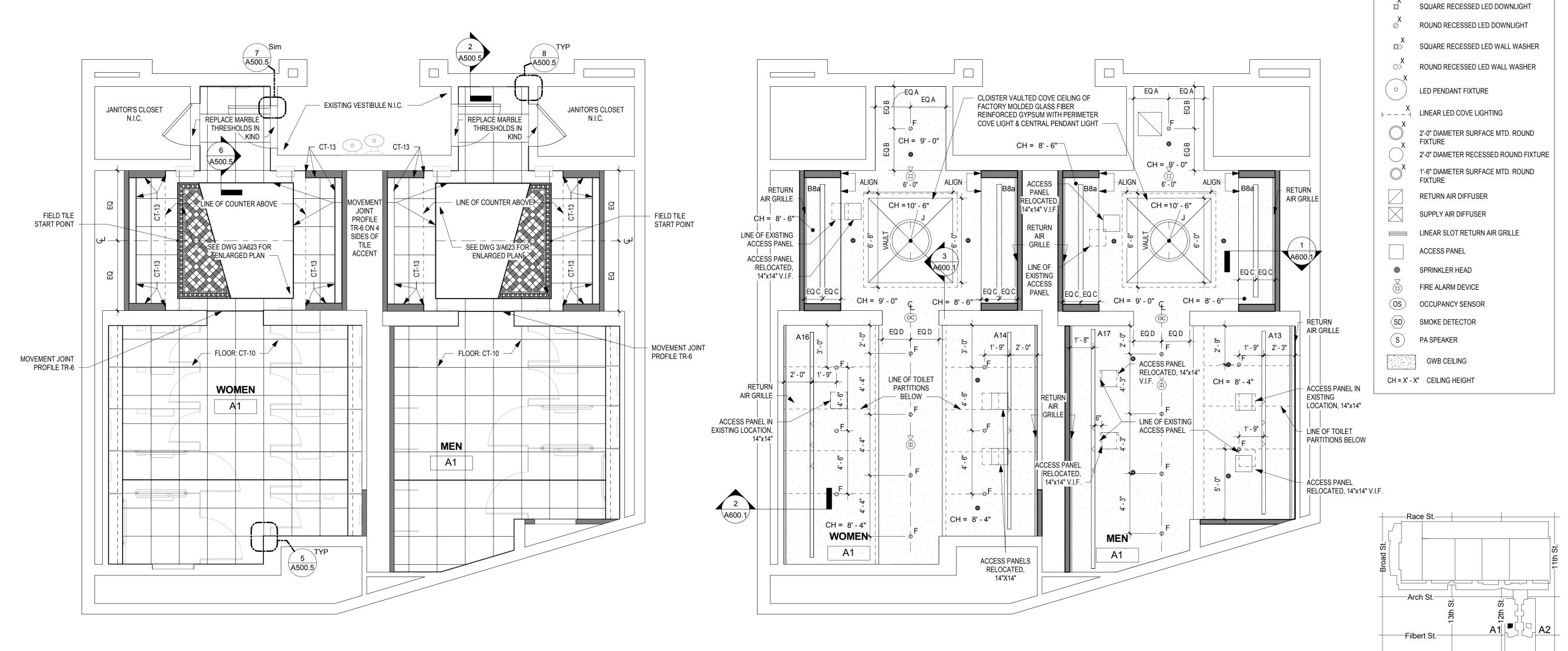
PLANS - ROOM Z

(SEMINAR)



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

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



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

1 REFLECTED CEILING PLAN - MEN'S & WOMEN'S ROOM A1
A623 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. 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
- VERIFY IN FIELD THE SUITABILITY OF PROPOSED NEW
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- 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

- EXTENDED METAL PANEL (SHADED)

KEY PLAN - BALLROOM LEVEL

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

LIGHTED PORTION

X
RECESSED LINEAR LED SLOT LIGHT WITH
CUSTOM EXTENDED PANEL

Fax: 215.427.8752

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



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

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,

Arora Engineers, Inc.

Chadds Ford, PA 19317

CONVERSE WINKLER

331 Montgomery Avenue,

Bala Cynwyd, PA, 19144

ARCHITECTURE

REVISIONS:

No. Description Date

PENNSYLVANIA CONVENTION CENTER

CONVENTION CENTER
RESTROOM RENOVATIONS
1101 ARCH STREET, PHILADELPHIA, PA 191

RCP & FINISH PLAN - ROOM A1 (BALLROOM)

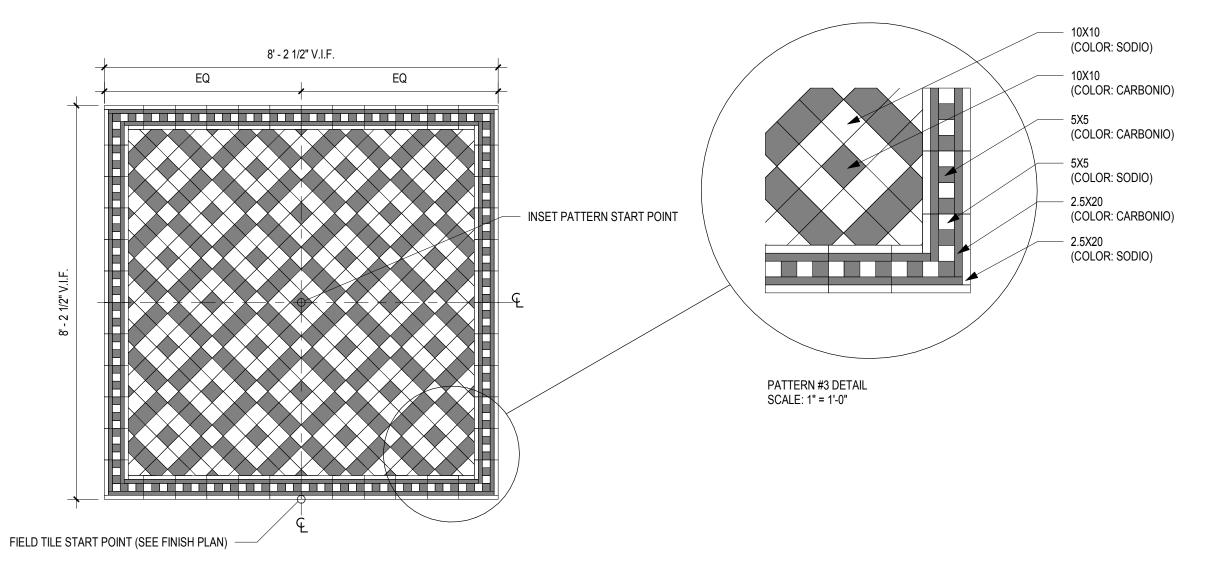
Project number CW1615

Date November 25, 2019

Drawn by KR/LC

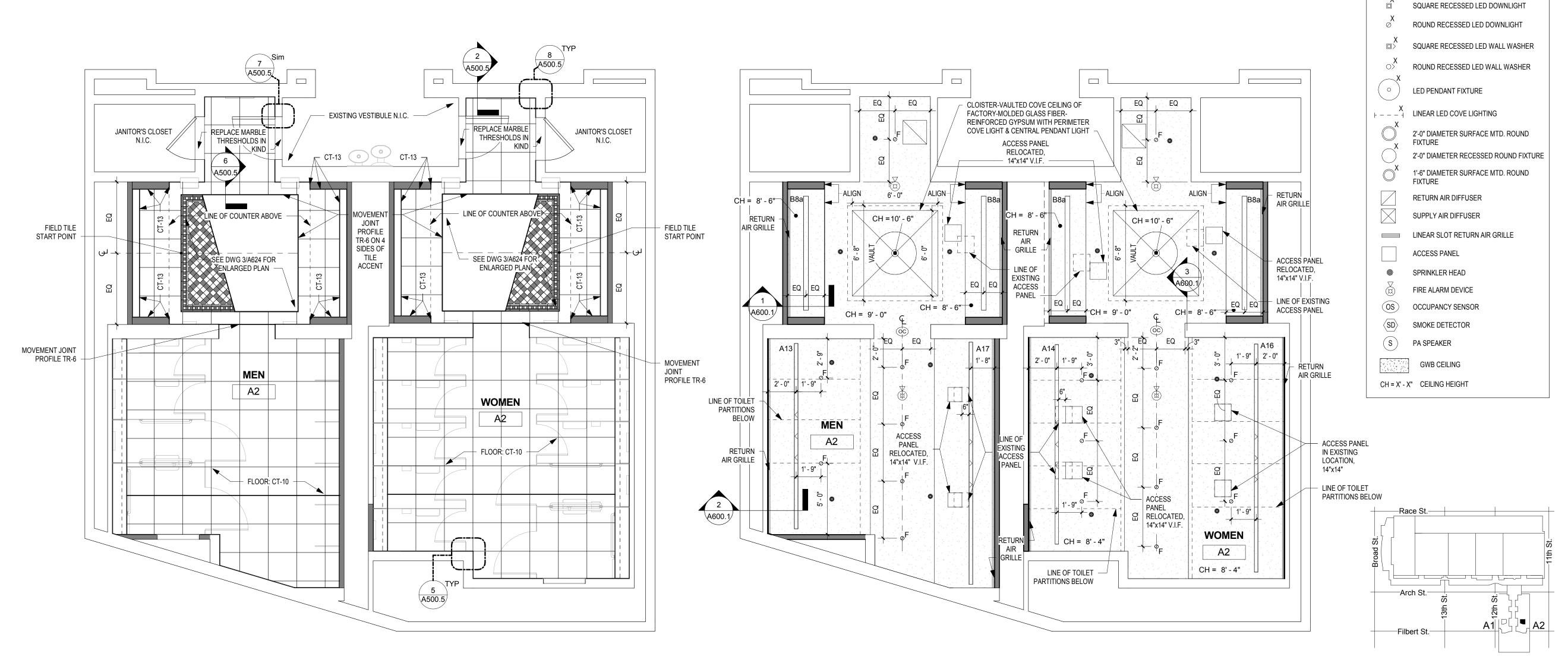
Checked by EW

A623



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

A624 SCALE: 1/2" = 1'-0"



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

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.



REVISIONS: Description

CONVERSE **WINKLER**

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ARCHITECTURE

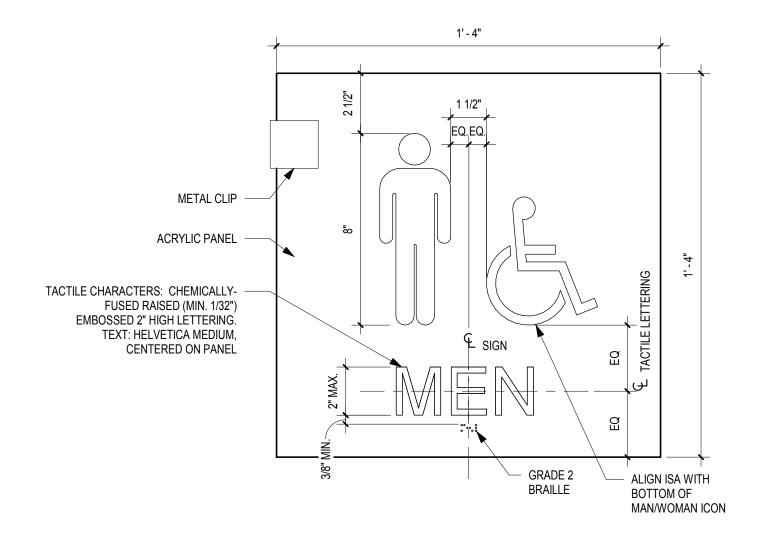
PENNSYLVANIA CONVENTION CENTER RESTROOM RENOVATIONS
101 ARCH STREET, PHILADELPHIA, PA 191

RCP & FINISH PLAN - ROOM A2 (BALLROOM)

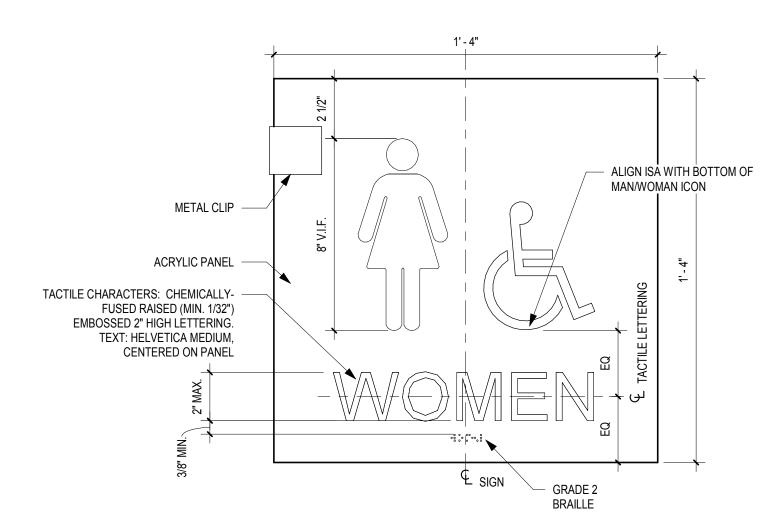
CW1615 Project number November 25, 2019 Date KR/LC Drawn by EW Checked by

A624

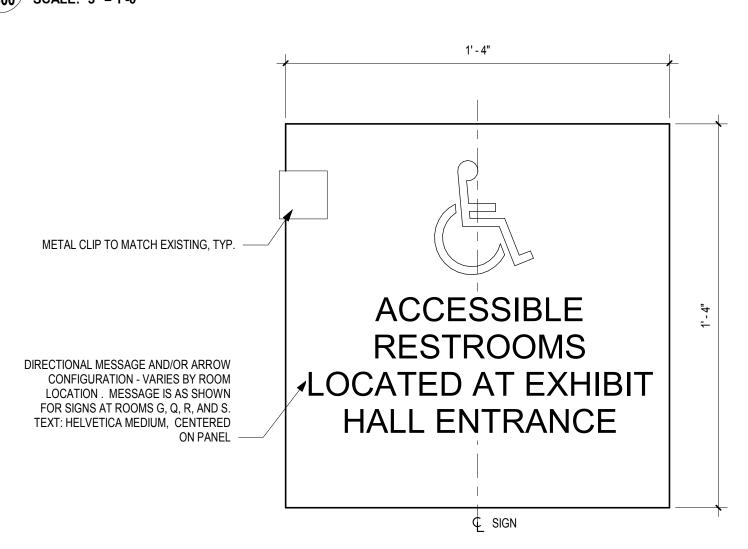
KEY PLAN - BALLROOM LEVEL NTS



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

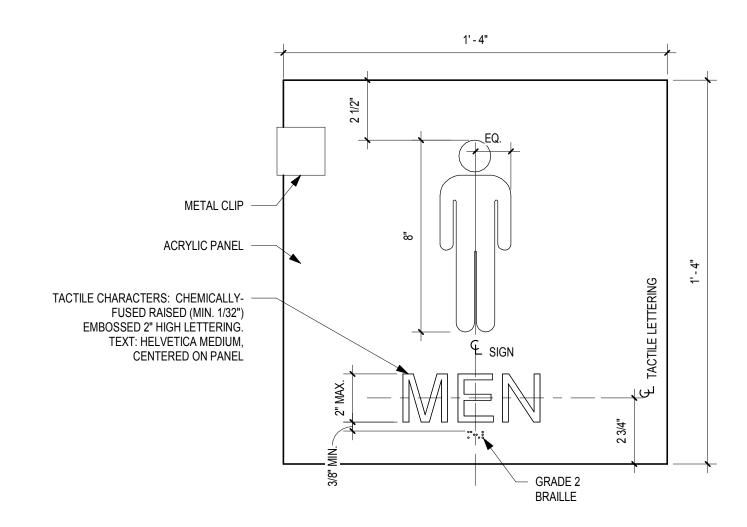


6 TYP. EXHIBIT RESTROOM SIGN - WOMEN'S ACCESSIBLE A800 SCALE: 3" = 1'-0"

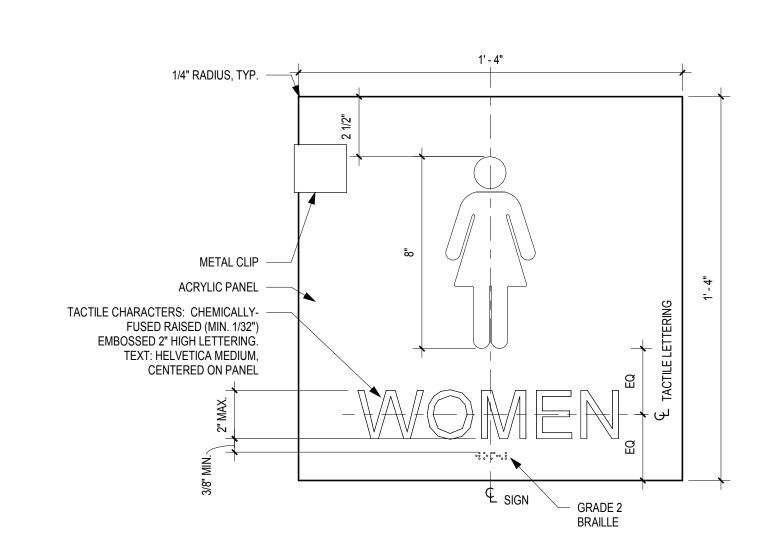


TYP. EXHIBIT DIRECTIONAL SIGN @ NON-ACCESSIBLE RESTROOMS

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"

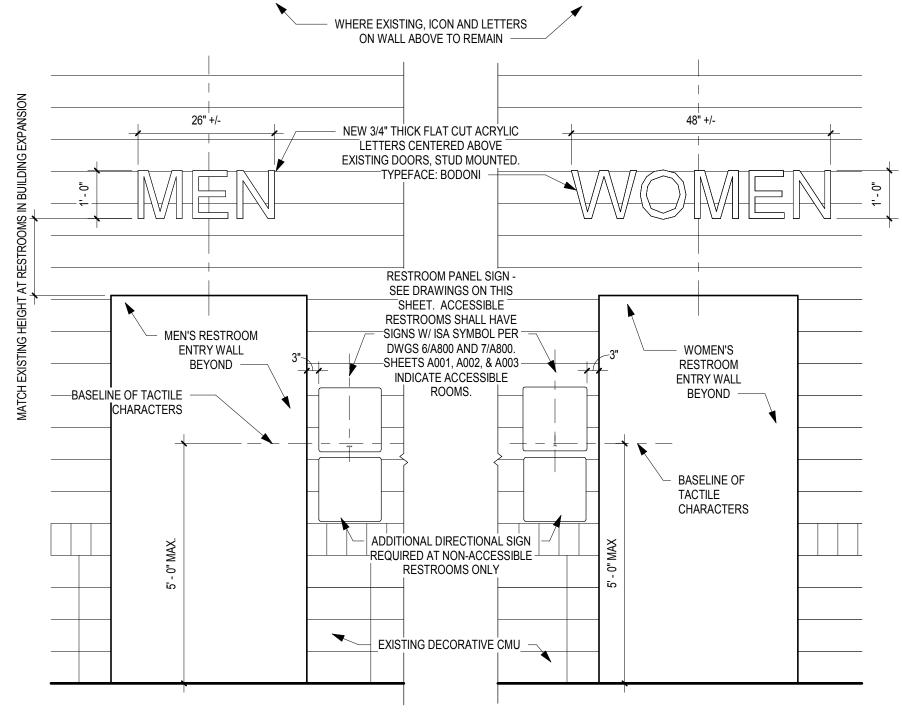
SIGNAGE NOTES:

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.

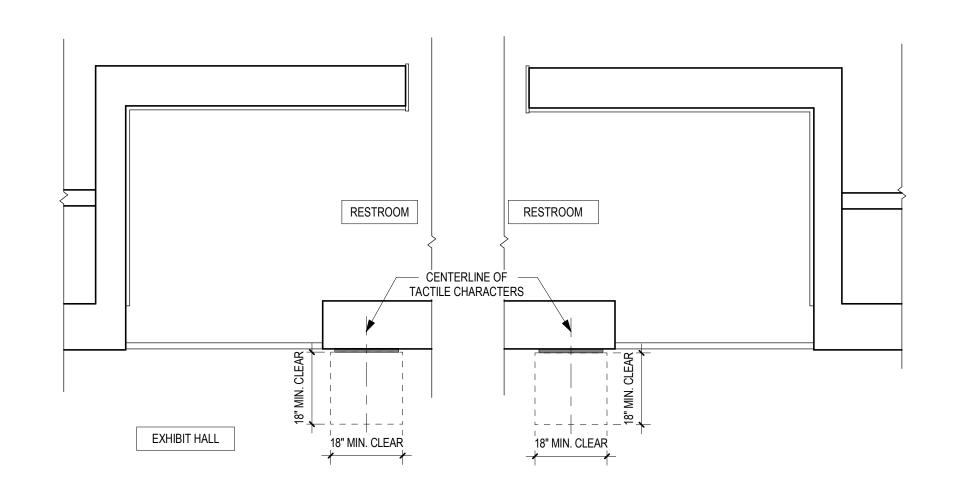
2. MESSAGE IS AS SHOWN IN DRAWINGS.

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.







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

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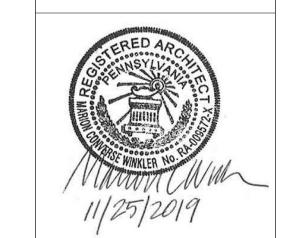
e-mail: ksultanik@aroraengineers.com

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



REVISIONS:

No. Description Date

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

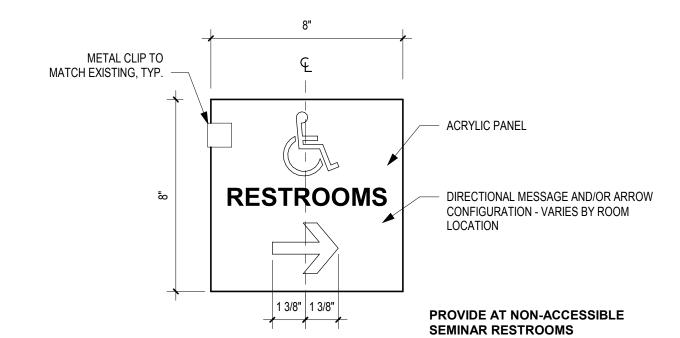


1. SEMINAR/BALLROOM RESTROOM SIGNAGE TO MATCH EXISTING SIGNAGE TYPE AND COLOR IN SAME LOCATION. GC IS TO VERIFY IN FIELD.

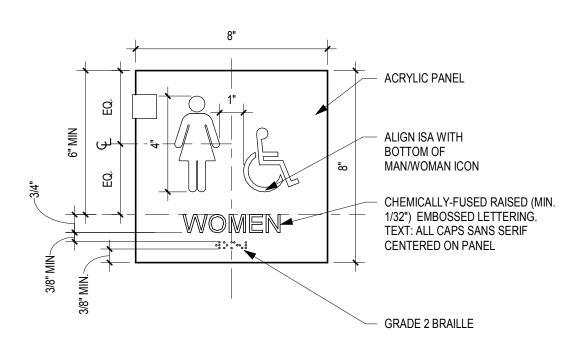
2. MESSAGE IS AS SHOWN IN DRAWINGS.

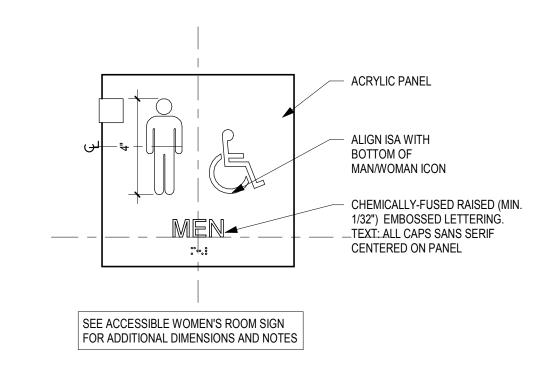
3. SIGN FACE PANEL TO HAVE MAGNETIC ATTACHMENT TO BACKER PANEL. FACE PANEL TO BE REMOVABLE/INTERCHANGEABLE BY FACILITY.

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



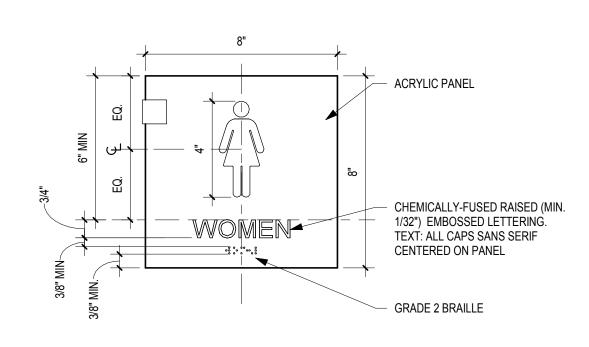
5 TYP. SEMINAR ROOM DIRECTIONAL SIGN A801 SCALE: 3" = 1'-0"

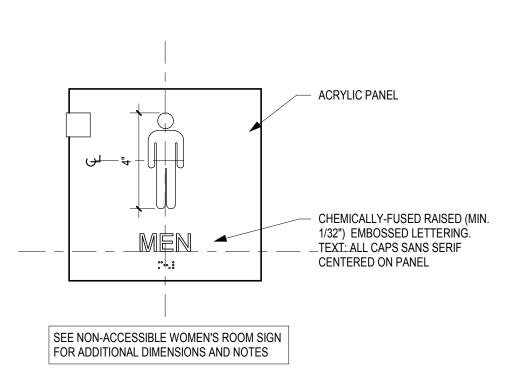




4 TYP. ACCESSIBLE SEMINAR RESTROOM SIGNS

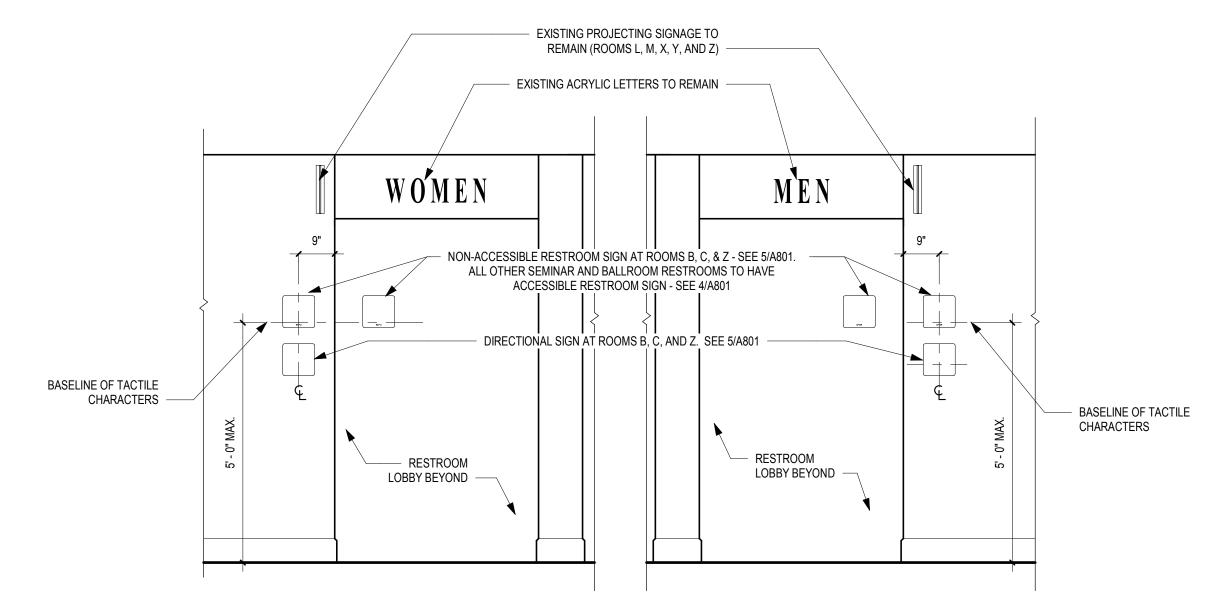
A801 SCALE: 3" = 1'-0"





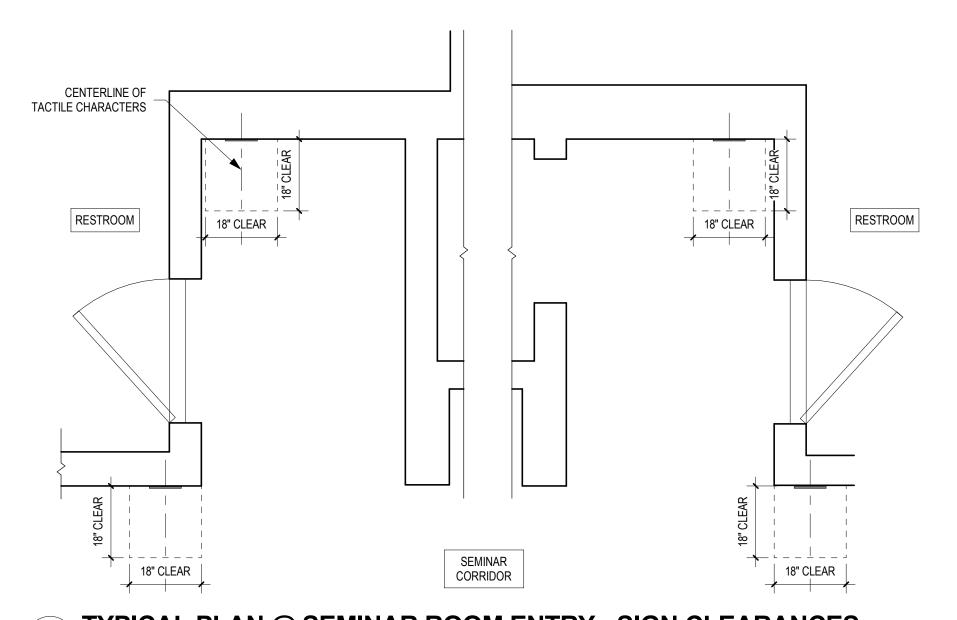
3 TYP. NON-ACCESSIBLE SEMINAR RESTROOM SIGNS

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"

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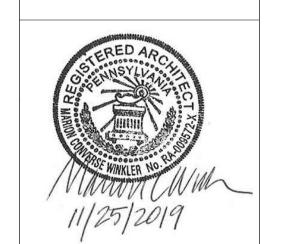
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REVISIONS:

No. Description Date

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

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.
- 9. 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

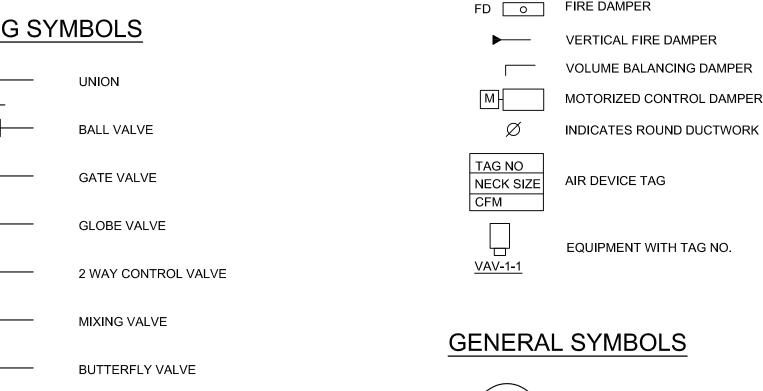
SLOPE%

ECCENTRIC REDUCER

CONCENTRIC REDUCER

WATER HAMMER ARRESTOR

PLUMBING SYMBOLS



DUCTWORK SYMBOLS

CEILING SUPPLY DIFFUSER

RECTANGULAR)

10"x10"

RECTANGULAR)

RETURN DUCT TURNING UP

RETURN DUCT TURNING DOWN

EXHAUST DUCT TURNING DOWN

FLEXIBLE DUCT CONNECTION

FLEXIBLE DUCT

EXHAUST DUCT TURNING UP

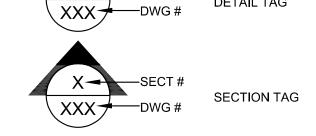
SUPPLY DUCT TURNING UP (ROUND OR

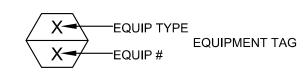
SUPPLY DUCT TURNING DOWN (ROUND OR

CEILING RETURN, EXHAUST OR TRANSFER

MITERED ELBOW WITH TURNING VANES

SQUARE OR RECTANGULAR DUCTWORK







POINT OF CONNECTION

POINT OF DISCONNECTION

—— – — DOMESTIC COLD WATER — – – — DOMESTIC HOT WATER — – – – — HOT WATER RETURN — SANITARY (UNDERGROUND) SANITARY ABOVE GROUND

---- VENT — — — — DEMO PIPE

PIPING LEGEND

FIRE PROTECTION SYMBOLS



EXISTING CONCEALED SPRINKLER HEAD CONCEALED SPRINKLER HEAD

OVERALL PLUMBING FIXTURE NET CHANGE TOILET ROOMS									
	EXIST	TING FIX	TURES	NE	W FIXTU	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

ACCESS PANEL

BELOW

CO CLEANOUT

BEL

BFF

DIA

DIM

(E)

IBC

ICC

IPC

LAV

(N)

(RE)

SAN

STD

TMV

TYP.

UON

UR

VS

W.O

AWS AMERICAN WELDING SOCIETY

BELOW FINISHED FLOOR

CFM CUBIC FEET PER MINUTE

CW DOMESTIC COLD WATER

DFU DRAINAGE FIXTURE UNITS

EWC ELECTRIC WATER COOLER

EWH ELECTRIC WATER HEATER

EXHAUST FAN

HWR HOT WATER RETURN

EG EXHAUST GRILL

FU FIXTURE UNITS

INCHES

LAVATORY

NEW

NTS NOT TO SCALE

REMOVE

STACK

SANITARY

STANDARD

TYPICAL

URINA

VENT

MOP RECEPTOR

SHOCK ABSORBER

VACUUM BREAKER

VENT STACK

V/Ø/HZ VOLT/PHASE/HZ

WITHOUT

WC WATER CLOSET

WCO WALL CLEANOUT

WS WASTE STACK

WASTE

WITH

VTR VENT THROUGH ROOF

SUPPLY FIXTURE UNITS

TSFU TOTAL SUPPLY FIXTURE UNITS

THERMOSTATIC MIXING VALVE

AUTOMATIC TRAP PRIMER

UNLESS OTHERWISE NOTED

EXISTING TO REMAIN

DOMESTIC HOT WATER

HWFU HOT WATER FIXTURE UNITS

EXISTING TO BE RELOCATED

INTERNATIONAL BUILDING CODE

INTERNATIONAL CODE COUNCIL

IMC INTERNATIONAL MECHANICAL CODE

INTERNATIONAL PLUMBING CODE

EXISTING TO BE DISCONNECTED AND REMOVED

DF DRINKING FOUNTAIN

DIAMETER

DIMENSION

DN DOWN

CWFU COLD WATER FIXTURE UNITS

ASPE AMERICAN SOCIETY OF PLUMBING ENGINEERS

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:



· · · · · CONVERSE

WINKLER

Arora Engineers, Inc. P (610) 459-7900 | F (610) 459-7950 | aroraengineers

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

STRUCTURAL ENGINEERS:

1341 NORTH DELAWARE AVENUE,

PHILADELPHIA, PA 19125 Ph: 215.427.8700

Fax: 215.427.8752

CSA GROUP

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



REVISIONS: Description Date

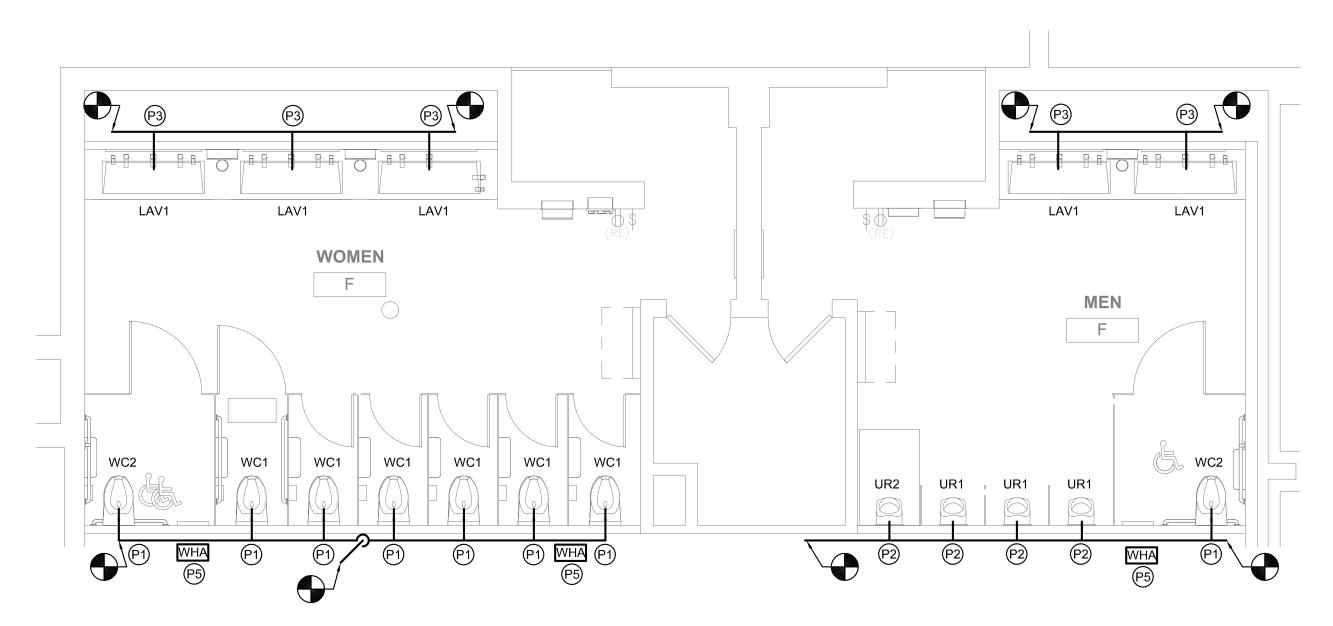
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GENERAL NOTES **ABBREVIATIONS** & LEGEND

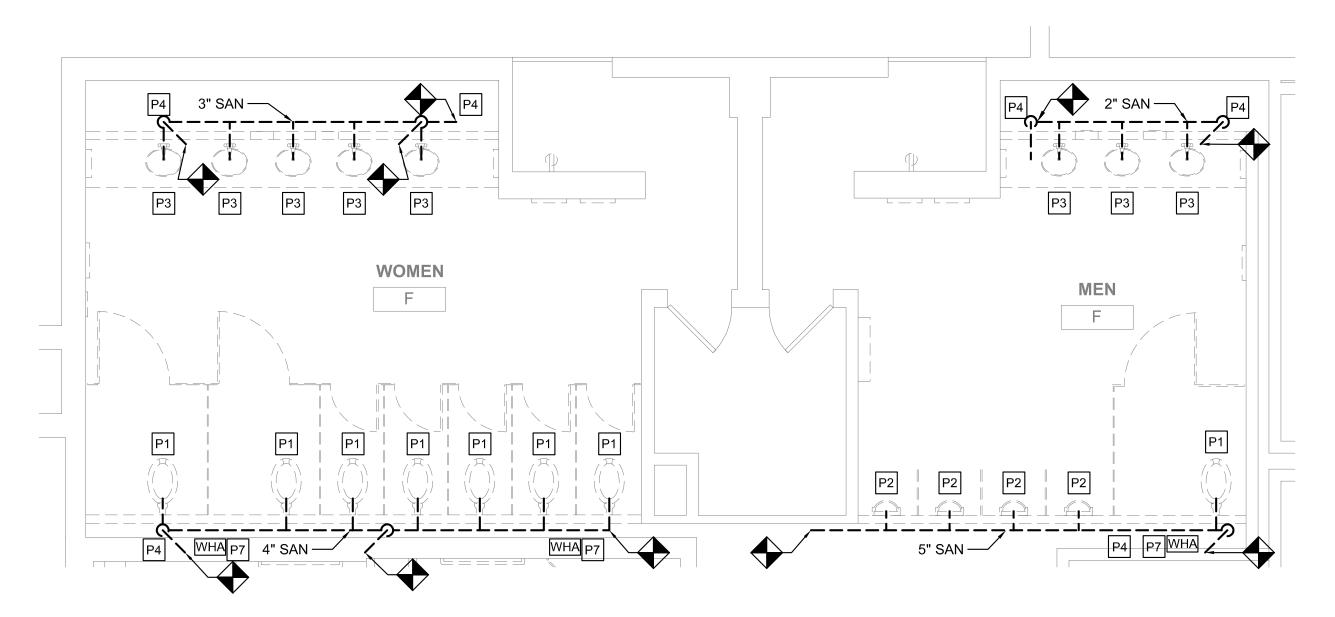
CW1615 Project number November 25, 2019 DG,WB Drawn by Checked by

NOT TO SCALE

PLUMBING FIXTURE QUANTITIES - F												
	EXIS	ΓING 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.
- 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.

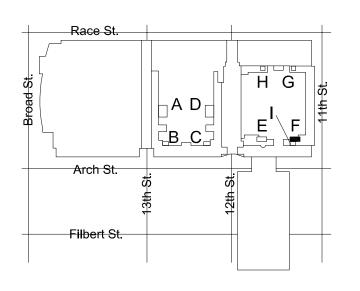
NEW WORK KEYED NOTES

- 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

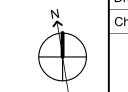
FIXTURE LOCATION AND CONNECTIONS.

- 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.
- 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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STRUCTURAL ENGINEERS: CSA GROUP

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SUITE 507

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

PHILADELPHIA, PA 19125



REVISIONS:

No. Description Date

PENNSYLVANIA
CONVENTION CENTER
RESTROOM RENOVATIONS

DEMOLITION &
NEW FLOOR
PLANS - ROOM F
(EXHIBIT)

Project number CW1615

Date November 25, 2019

Drawn by DG

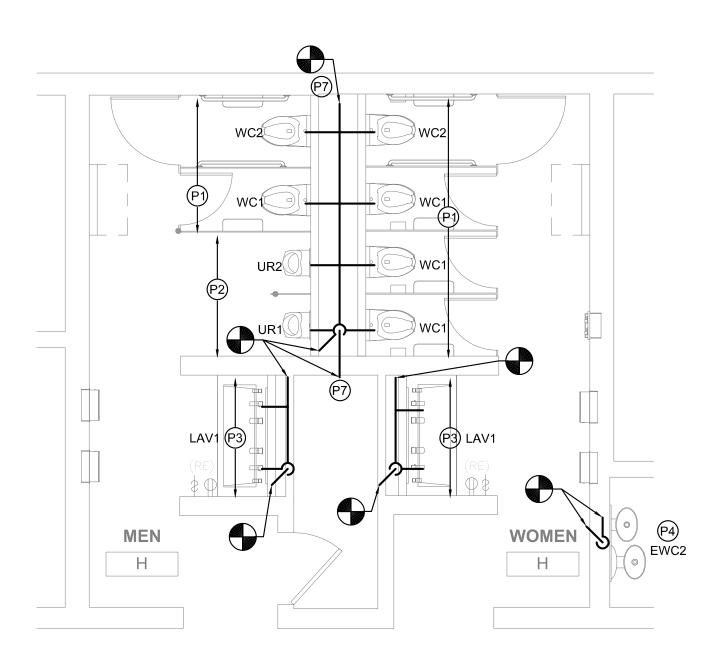
Checked by DM

M102

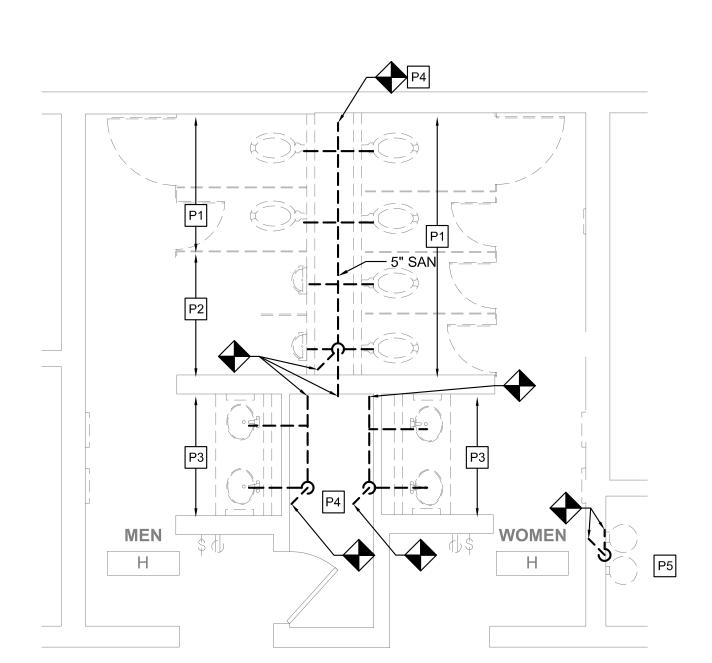
ale 1/4" = 1'-0"

PLUMBING FIXTURE QUANTITIES - H											
EXISTING FIXTURES NEW FIXTURES NET CHANGE											
DESCRIPTION	QTY	QTY DFU TOTAL QTY DFU TOTAL QTY I									
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			

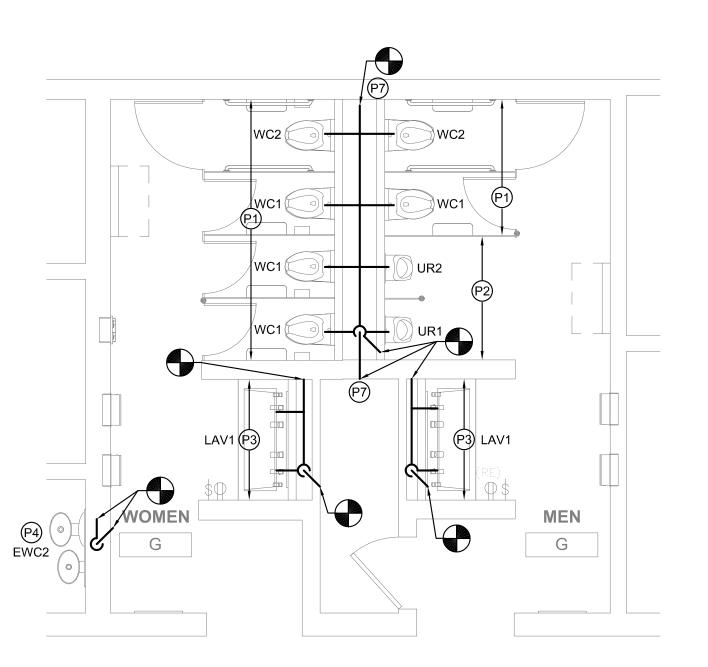
PLUMBING FIXTURE QUANTITIES - G											
EXISTING FIXTURES NEW FIXTURES NET CHANGE											
DESCRIPTION	QTY	DFU	TOTAL DFU	QTY	DFU	TOTAL DFU	QTY	DFU			
WATER CLOSET	6	8	48	6	8	48	0	0			
URINAL	2	4	8	2	4	8	0	0			
LAVATORY	4	2	8	4	2	8	0	0			
ELECTRIC WATER COOLER	1	1	1	1	1	1	0	0			
TOTAL 65 TOTAL 65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



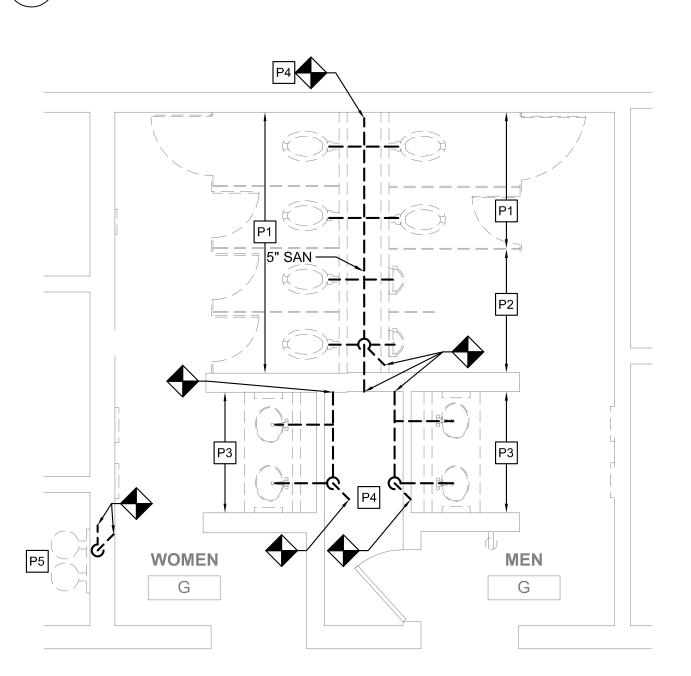
FLOOR PLAN - MEN'S & WOMEN'S ROOM H M103 SCALE: 1/4" = 1'-0"



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"



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.
- 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.

TYPICAL NEW WORK:

TYPICAL DEMO WORK:

5 ELECTRIC WATER COOLER TYPICAL DETAIL

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

DOMESTIC WATER NEW WORK:

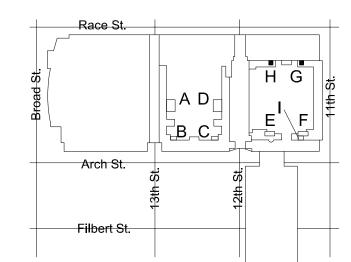
- 1. CONTRACTOR TO DEMOLISH ALL EXISTING CW & HW WATER SUPPLY PIPE EXPOSED BY INTERIOR DEMOLITION WITHIN THE TOILET ROOM. CUT EXISTING SUPPLY PIPE AT LIMIT OF TOILET ROOM PERIMETER WALLS AND CAP FOR NEW WORK CONNECTIONS.
- 2. CONTRACTOR TO PROVIDE NEW CW & HW SUPPLY PIPE. RECONNECT TO EXISTING INCOMING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

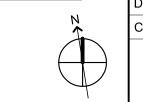
DEMOLITION KEYED NOTES

- 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 100





NTS



MEP ENGINEERS:

:::::: CONVERSE

WINKLER



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PHILADELPHIA, PA 19125

CSA GROUP

SUITE 507

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



REVISIONS:

No. Description Date

Ш NA PENNSYLV ONVENTION

DEMOLITION & NEW FLOOR PLANS - ROOMS G, H (EXHIBIT)

CW1615 Project number November 25, 2019 Drawn by Checked by

F	PLUMBING FIXTURE QUANTITIES - J											
	EXIS	ΓING FIX	TURES	NE	W FIXTL	IRES	NET CHA	NGE				
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				

- 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.

P4

P3

P3

P3

WOMEN

J

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

NEW WORK KEYED NOTES

SCHEDULE SHEET M-200.

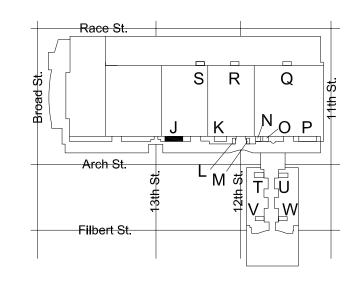
P1 PROVIDE NEW WATER CLOSET AND ALL ACCESSORIES AS NOTED ON FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO, FLUSHOMETER, CARRIER, SHUT OFF VALVE, SEAT, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.

SERIES AS INDICATED. SEE WATER HAMMER ARRESTOR

- 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.

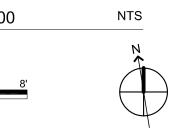
DEMOLITION KEYED NOTES

- 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 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'



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

MEP ENGINEERS:



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SUITE 507

PHILADELPHIA, PA 19125

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



REVISIONS:

No. Description Date

PENNSYLVANIA
ONVENTION CENTER
RESTROOM RENOVATIONS

DEMOLITION &
NEW FLOOR
PLANS - ROOM J
(EXHIBIT)

Project number CW1615

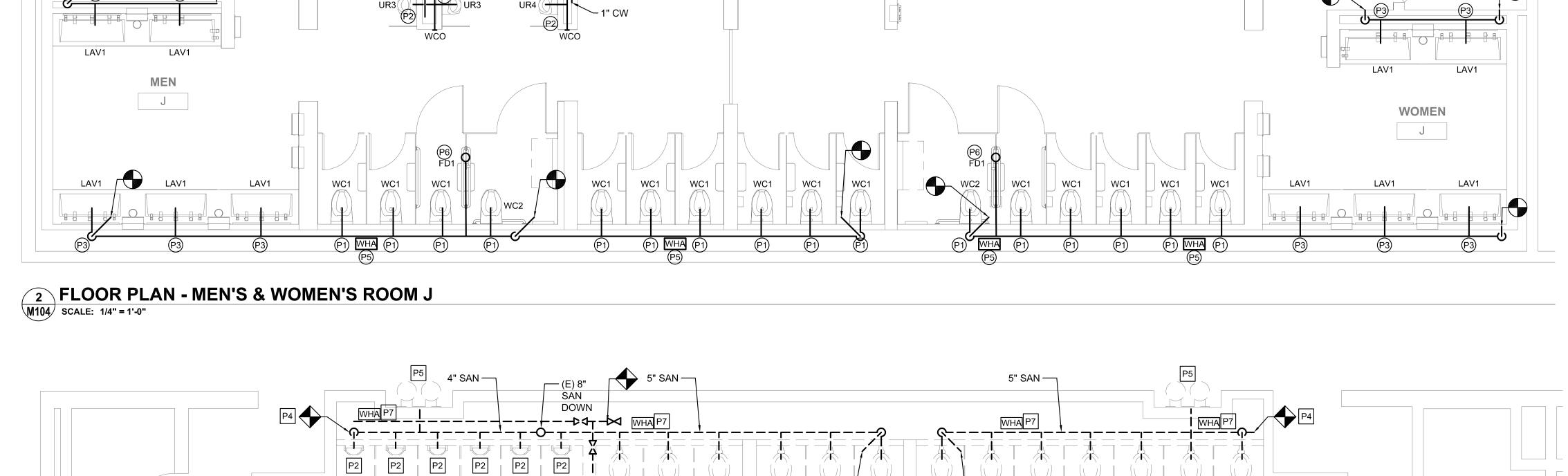
Date November 25, 2019

Drawn by DG

Checked by DM

W104

cale 1/4" = 1'-0"



6" SAN —

(E) 8" SAN

1-1/2" CW

WHA P7

P1

DOWN —

WC1

WC1

WC1

WC1

WC1

∖ WC1

WC1

WC1

WC1

WC1

WC1

WC1

WC1

EWC2 (P4)

3" SAN —

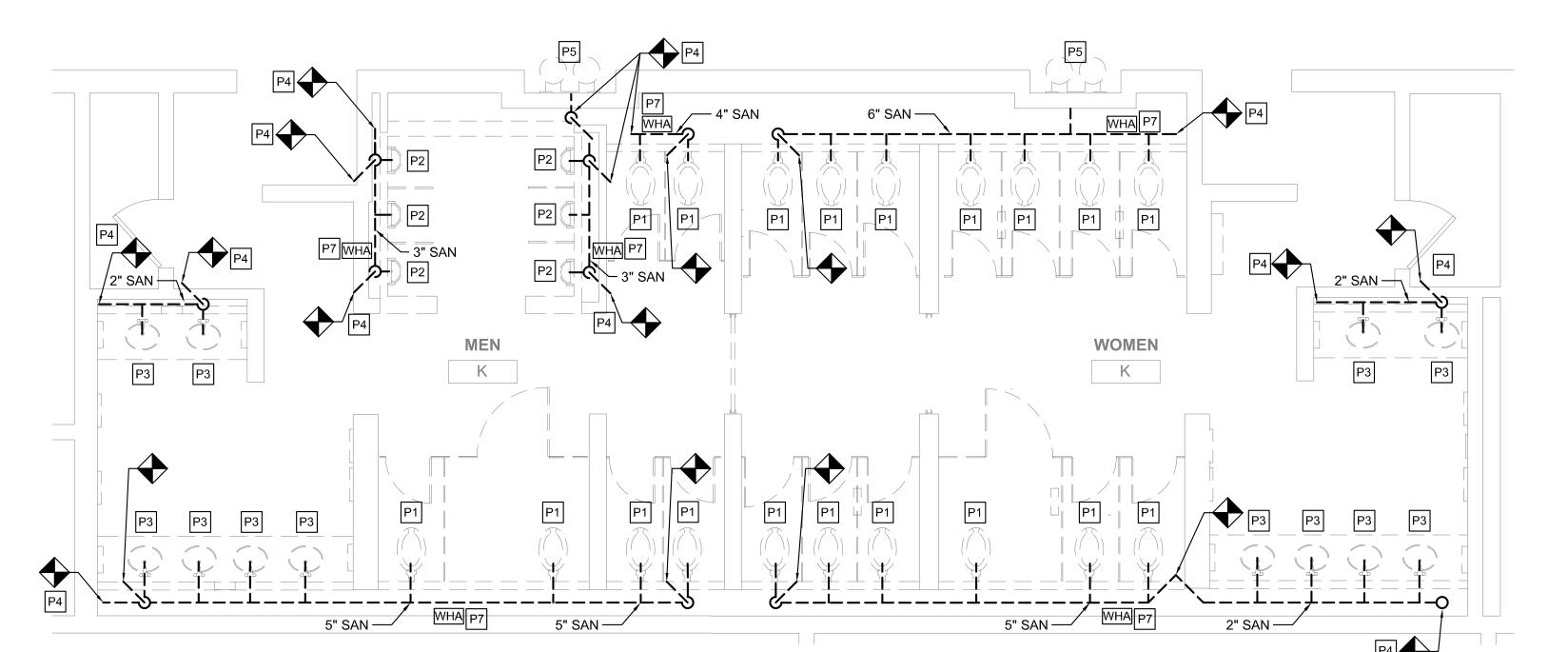
5" SAN —

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

P3

M104 SCALE: 1/4" = 1'-0"

PLUMBING FIXTURE QUANTITIES - K											
	EXIST	ΓING FIX	TURES	NE	W FIXTL	JRES	NET CHA	NGE			
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			



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

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

M105/ 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:

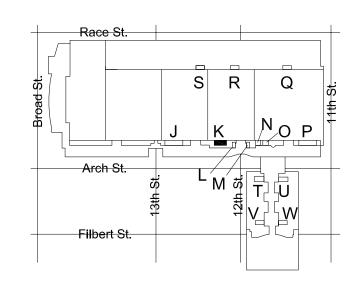
- CONTRACTOR TO DEMOLISH ALL EXISTING CW & HW WATER SUPPLY PIPE EXPOSED BY INTERIOR DEMOLITION WITHIN THE TOILET ROOM. CUT EXISTING SUPPLY PIPE AT LIMIT OF TOILET ROOM PERIMETER WALLS AND CAP FOR NEW WORK CONNECTIONS.
- CONTRACTOR TO PROVIDE NEW CW & HW SUPPLY PIPE.
 RECONNECT TO EXISTING INCOMING CW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

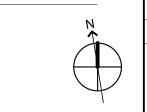
DEMOLITION KEYED NOTES

- 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 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

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

MEP ENGINEERS:



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Contact: Kevin Sultanik

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STRUCTURAL 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 - ROOM
K (EXHIBIT)

Project number CW1615

Date November 25, 2019

Drawn by DG

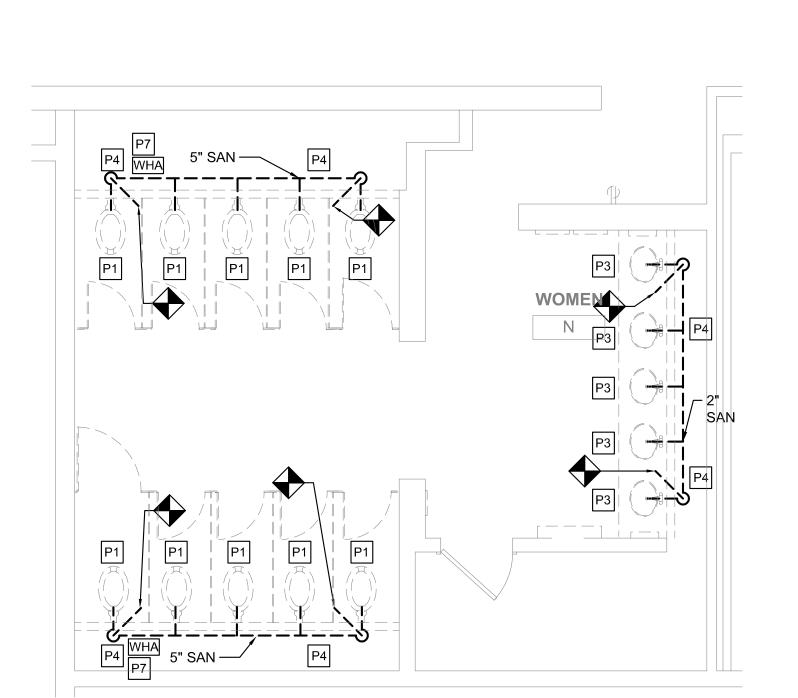
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PLUMBING FIXTURE QUANTITIES - N											
EXISTING FIXTURES NEW FIXTURES NET CHANGE											
DESCRIPTION	QTY	DFU	TOTAL DFU	QTY	DFU	TOTAL DFU	QTY	DFU			
WATER CLOSET	10	8	80	10	8	80	0	0			
URINAL	0	0	0	0	0	0	0	0			
LAVATORY	5	2	10	4	2	8	-1	-2			
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			

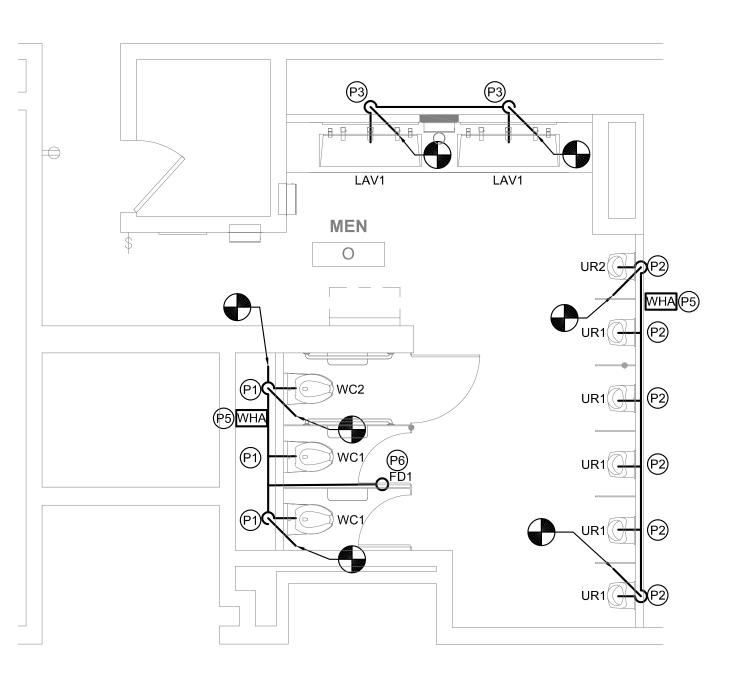
PLUMBING FIXTURE QUANTITIES - O											
EXISTING FIXTURES NEW FIXTURES NET CHANGE											
DESCRIPTION	QTY	DFU	TOTAL DFU	QTY	DFU	TOTAL DFU	QTY	DFU			
WATER CLOSET	3	8	24	3	8	24	0	0			
URINAL	6	4	24	6	4	24	0	0			
LAVATORY	5	2	10	4	2	8	-1	-2			
FLOOR DRAIN	0	0	0	1	3	3	+1	+3			
ELECTRIC WATER COOLER	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 P3
P1 WHA P1 P1 P1 P1 P1	

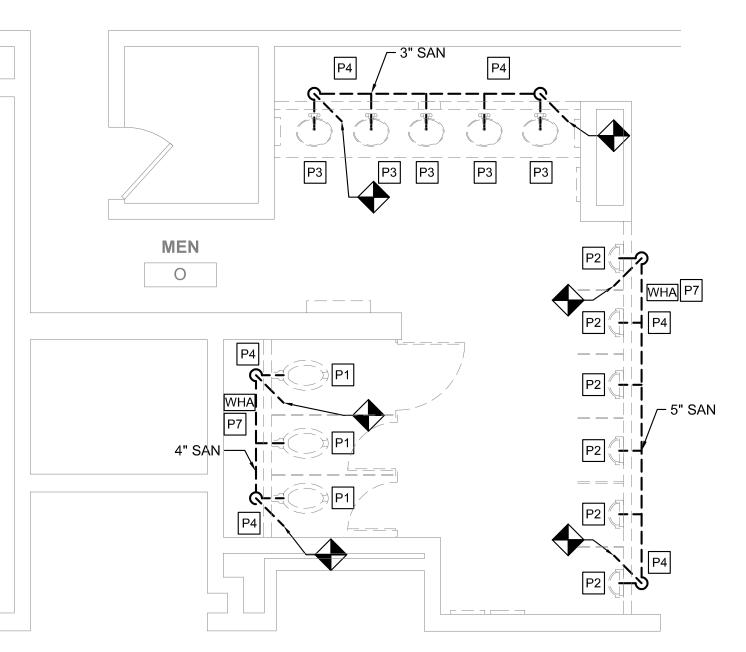




DEMO PLAN - WOMEN'S ROOM N
M106 SCALE: 1/4" = 1'-0"



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



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

- 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.
- 6. WHERE NEW FLOOR DRAINS ARE NOTED ON DRAWINGS,
- 6. WHERE NEW FLOOR DRAINS ARE NOTED ON DRAWIN 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.

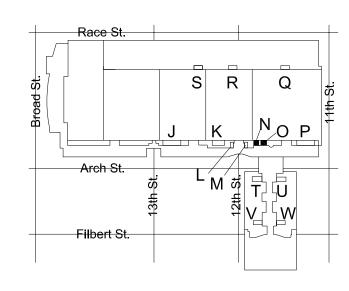
NEW WORK KEYED NOTES

- 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.
- 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

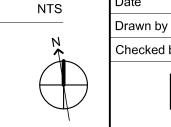
FIXTURE LOCATION AND CONNECTIONS.

- 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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1 Wilmington-West Chester Pike | Chadds Ford, PA 19317
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Contact: Kevin Sultanik

e-mail: ksultanik@aroraengineers.com

STRUCTURAL ENGINEERS:
CSA GROUP
1341 NORTH DELAWARE AVENUE,

Ph: 215.427.8700 Fax: 215.427.8752

SUITE 507

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

PHILADELPHIA, PA 19125



REVISIONS:

No. Description Date

PENNSYLVANIA
ONVENTION CENTER
RESTROOM RENOVATIONS

DEMOLITION &
NEW FLOOR
PLANS - ROOMS

N, O (EXHIBIT)

Project number CW1615

Date November 25, 2019

Checked by D

le 1/4" = 1'-0"

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.
- 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.

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,

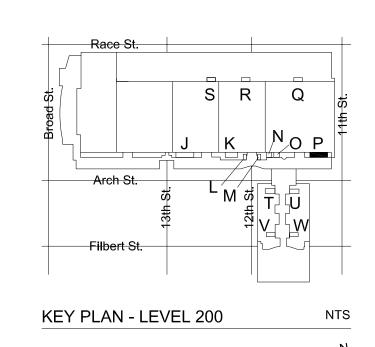
PROVIDE NEW 1/2" TRAP PRIMER CONNECTION.

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

- (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.
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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.
- 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.





MEP ENGINEERS:



Arora Engineers, Inc. (610) 459-7900 | F (610) 459-7950 | aroraengineers.

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 Date

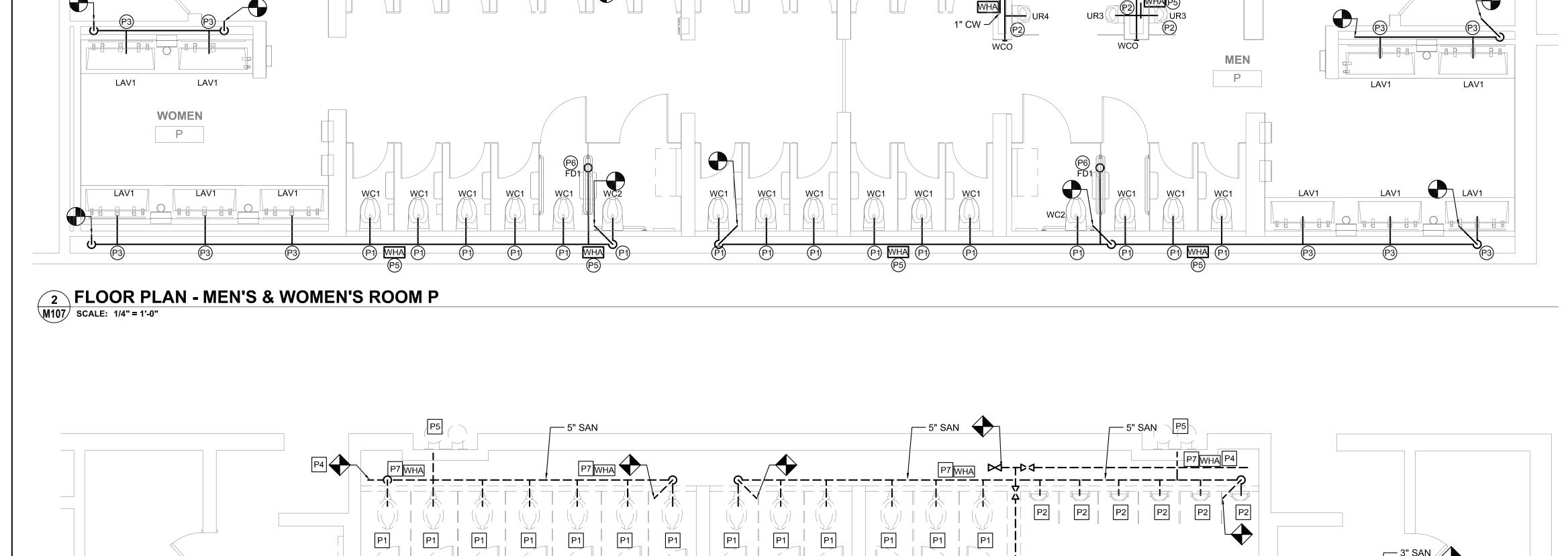
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PENNSYLV

DEMOLITION & NEW FLOOR PLANS - ROOM P (EXHIBIT)

CW1615 Project number November 25, 2019 Drawn by Checked by

1/4" = 1'-0"



P1

PLUMBING FIXTURE QUANTITIES - Q										
	EXIST	TURES	NEW FIXTURES			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		

TRAP PRIMER

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.

1/2" CW TO TRAP

PRIMER

8. NEW INSULATION SHALL BE INSTALLED FOR ALL NEW DOMESTIC COLD WATER, HOT WATER AND HOT WATER RETURN PIPING.

DOMESTIC WATER NEW WORK:

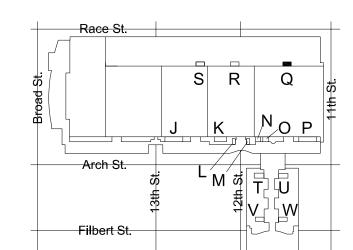
- 1. CONTRACTOR TO DEMOLISH ALL EXISTING CW & HW WATER SUPPLY PIPE EXPOSED BY INTERIOR DEMOLITION WITHIN THE TOILET ROOM. CUT EXISTING SUPPLY PIPE AT LIMIT OF TOILET ROOM PERIMETER WALLS AND CAP FOR NEW WORK CONNECTIONS.
- 2. CONTRACTOR TO PROVIDE NEW CW & HW SUPPLY PIPE. RECONNECT TO EXISTING INCOMING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

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- 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.





:::::: CONVERSE

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



REVISIONS:

No. Description Date

ER

PENNSYLV

NA ENT

KEY PLAN - LEVEL 200 NTS

Checked by

Project number

Drawn by

DEMOLITION &

NEW FLOOR

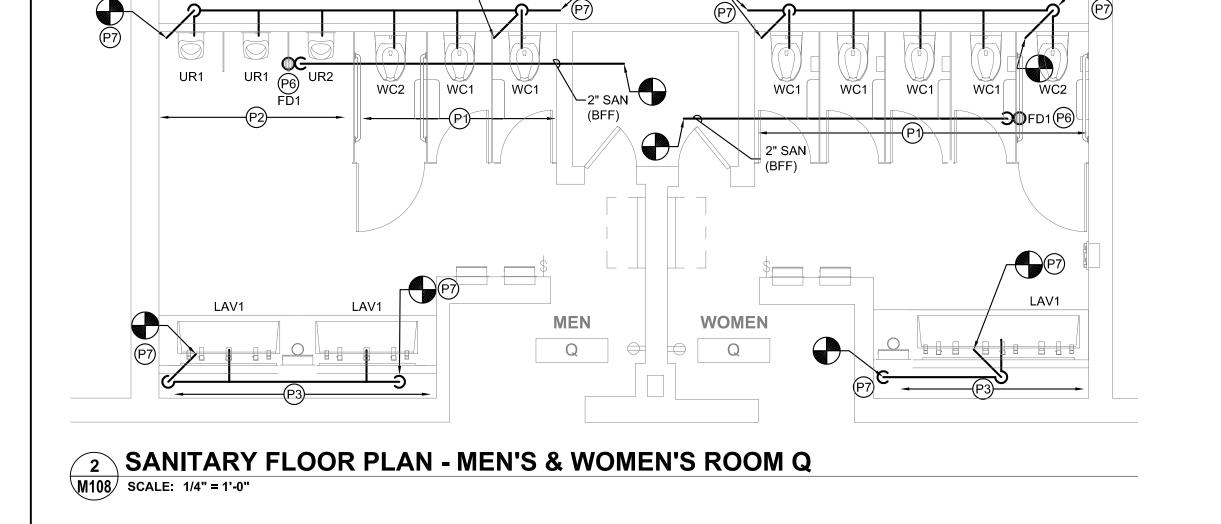
PLANS - ROOM Q

(EXHIBIT)

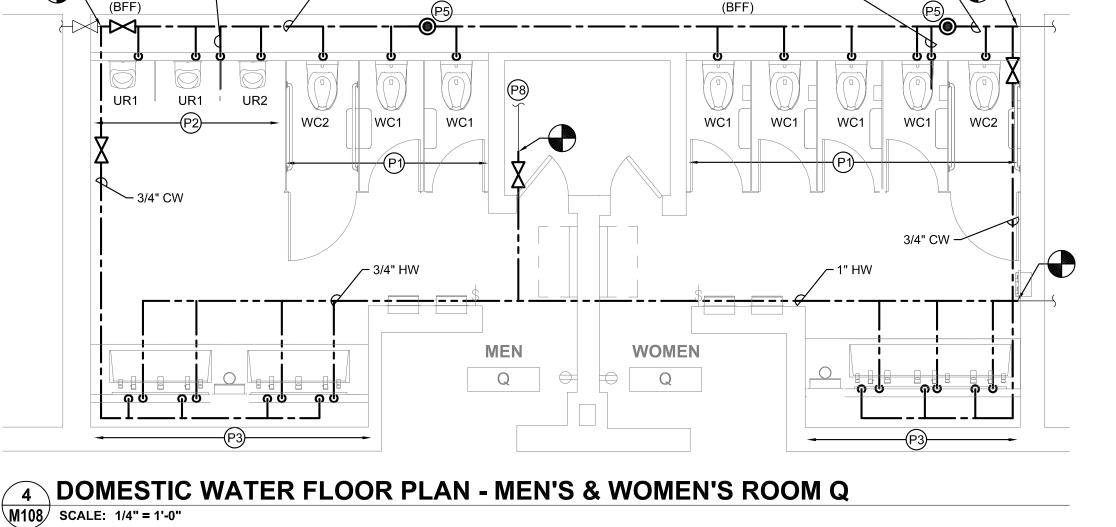
1/4" = 1'-0"

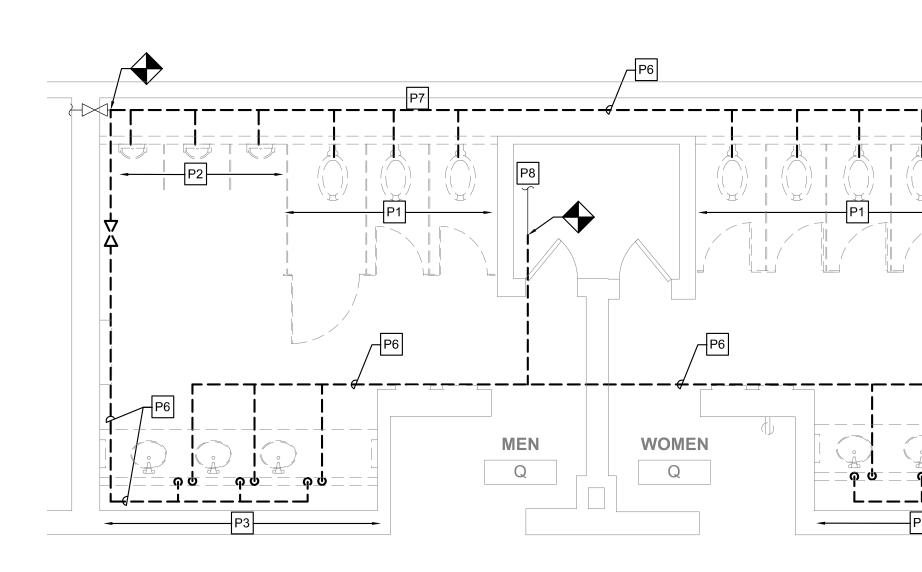
November 25, 2019

CW1615



— 6" SAN





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

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

— 5" SAN

Р	LUMB	ING FI	XTURE	QUA	NTITIE	S - R		
	EXIST	ΓING 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

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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.

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:

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CSA GROUP

Ph: 215.427.8700 Fax: 215.427.8752

Contact: Wing Au

REVISIONS:

ER

NA

PENNSYLV ONVENTION

Project number

Description

Date

SUITE 507

WINKLER

ARCHITECTURE

ARORA°

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331 MONTGOMERY AVE BALA CYNWYD, PA 19144

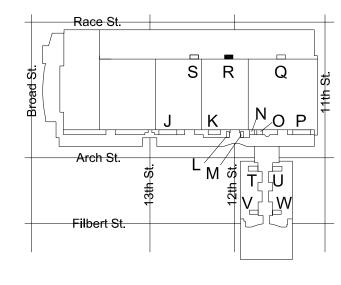
- 2. CONTRACTOR TO PROVIDE NEW CW & HW SUPPLY PIPE. RECONNECT TO EXISTING INCOMING CW & HW SUPPLY PIPE CAPPED DURING DEMOLITION.
- 3. CONTRACTOR TO PROVIDE NEW DOMESTIC 1/2" CW AND HW DOMESTIC WATER SUPPLY TO EACH LAVATORY (LAV) FIXTURE.
- 4. CONTRACTOR TO PROVIDE 1" CW DOMESTIC WATER SUPPLY TO EACH 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

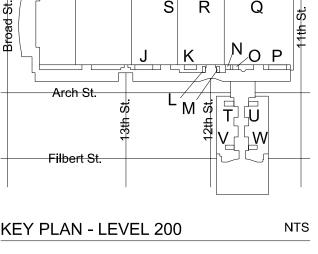
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- (P2) PROVIDE NEW URINAL AND ALL ACCESSORIES AS NOTED ON FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO. FLUSHOMETER, CARRIER, SHUT OFF VALVE, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
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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.
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- 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
- 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

DEMOLITION &

NEW FLOOR

PLANS - ROOM R

(EXHIBIT)

CW1615

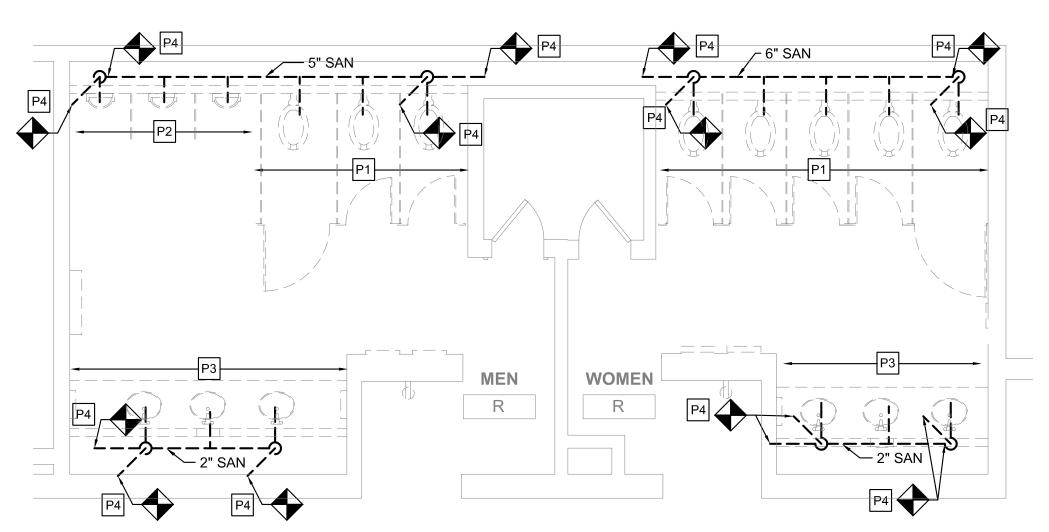
1/4" = 1'-0"

November 25, 2019

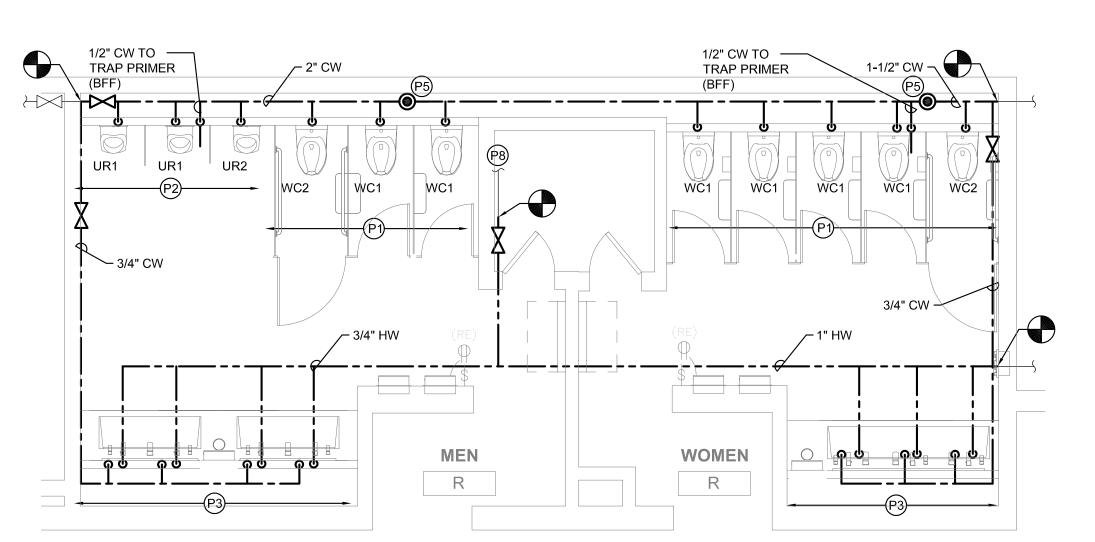
VI 6 UR2 LAV1 MEN R

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

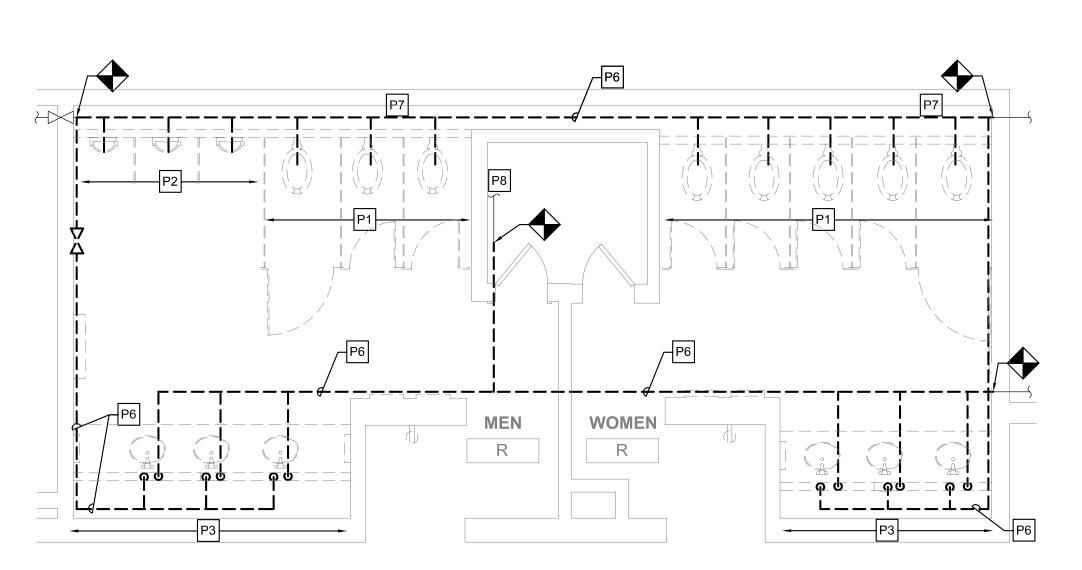
M109 SCALE: 1/4" = 1'-0"



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



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"

PLUMBING FIXTURE QUANTITIES - S											
	EXIST	TING FIX	TURES	NE	W FIXTL	IRES	NET CHA	NGE			
DESCRIPTION	QTY	DFU	TOTAL DFU	QTY	DFU	TOTAL DFU	QTY	DFU			
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ELECTRIC WATER COOLER	0	0	0	0	0	0	0	0			
FLOOR DRAIN	0	0	0	2	3	6	+2	+6			
	TOTAL				TOTAL	96	NET CHANGE	+8			

- 1/2" CW TO

GENERAL NOTES

- 1. REFER TO DRAWING M001 FOR GENERAL NOTES, ABBREVIATIONS AND LEGENDS.
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WC1

WC1

3/4" CW -

WC2

DOMESTIC WATER NEW WORK:

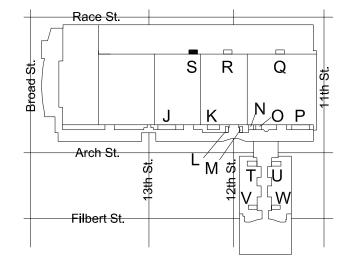
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NEW WORK KEYED NOTES

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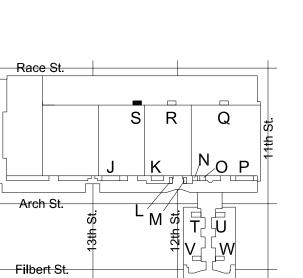
DEMOLITION KEYED NOTES

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- EXISTING WATER HEATER TO REMAIN. DEMOLISH HOT WATER PIPE BACK TO INSIDE OF JANITOR'S ROOM.



KEY PLAN - LEVEL 200





NTS

331 MONTGOMERY AVE BALA CYNWYD, PA 19144

ARCHITECTURE

:::::: CONVERSE

WINKLER

MEP ENGINEERS:



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Contact: Kevin Sultanik

e-mail: ksultanik@aroraengineers.com STRUCTURAL ENGINEERS:

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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



Date

REVISIONS: Description

ER NA PENNSYLV

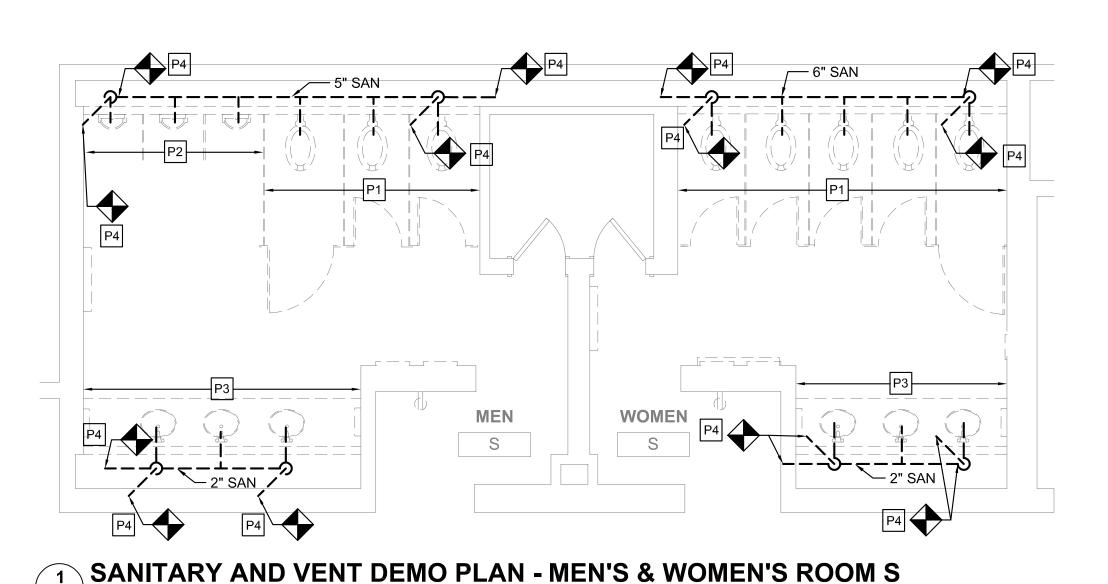
DEMOLITION & NEW FLOOR PLANS - ROOM S (EXHIBIT)

CW1615 Project number November 25, 2019 Drawn by Checked by

1/4" = 1'-0"

1/2" CW TO TRAP PRIMER / 2" CW TRAP PRIMER (BFF) (BFF) WC1 WC1 WC1 ~ 3/4" CW

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



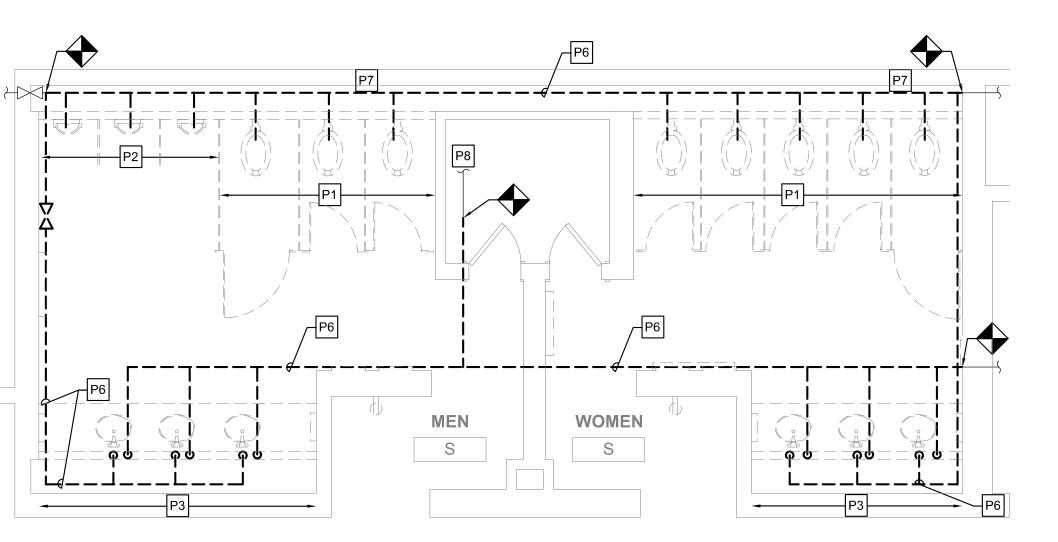
2 SANITARY AND VENT FLOOR PLAN - MEN'S & WOMEN'S ROOM S
M110 SCALE: 1/4" = 1'-0"

2" SAN

(BFF)

1 P6 UR2

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



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

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

	PLUMBING FIXTURE QUANTITIES - A										
	EXISTING FIXTURES NEW FIXTURES NET CHANGE										
DESCRIPTION	1	QTY	DFU	TOTAL DFU	QTY	DFU	TOTAL DFU	QTY	DFU		
WATER CLOSE	ΞT	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		

- 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.

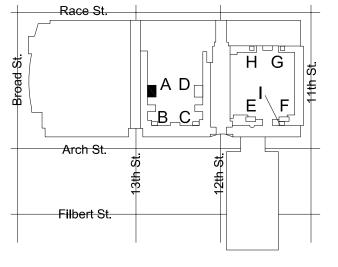
7. CONTRACTOR TO PROVIDE WATER HAMMER ARRESTORS TO DOMESTIC WATER SUPPLY LINES PRIOR TO LAST FIXTURE IN SERIES AS INDICATED. SEE WATER HAMMER ARRESTOR SCHEDULE SHEET M-200.

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.
- 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

0 2' 4' 8'





· · · · · CONVERSE

: WINKLER : ARCHITECTURE

331 MONTGOMERY AVE BALA CYNWYD, PA 19144



Arora Engineers, Inc. 51 Wilmington-West Chester Pike | Chadds Ford, PA 19317 P (610) 459-7900 | F (610) 459-7950 | aroraengineers.com

Contact: Kevin Sultanik

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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 Date

PENNSYLVANIA
CONVENTION CENTER
RESTROOM RENOVATIONS

DEMOLITION &
NEW FLOOR
PLANS - ROOM A
(SEMINAR)

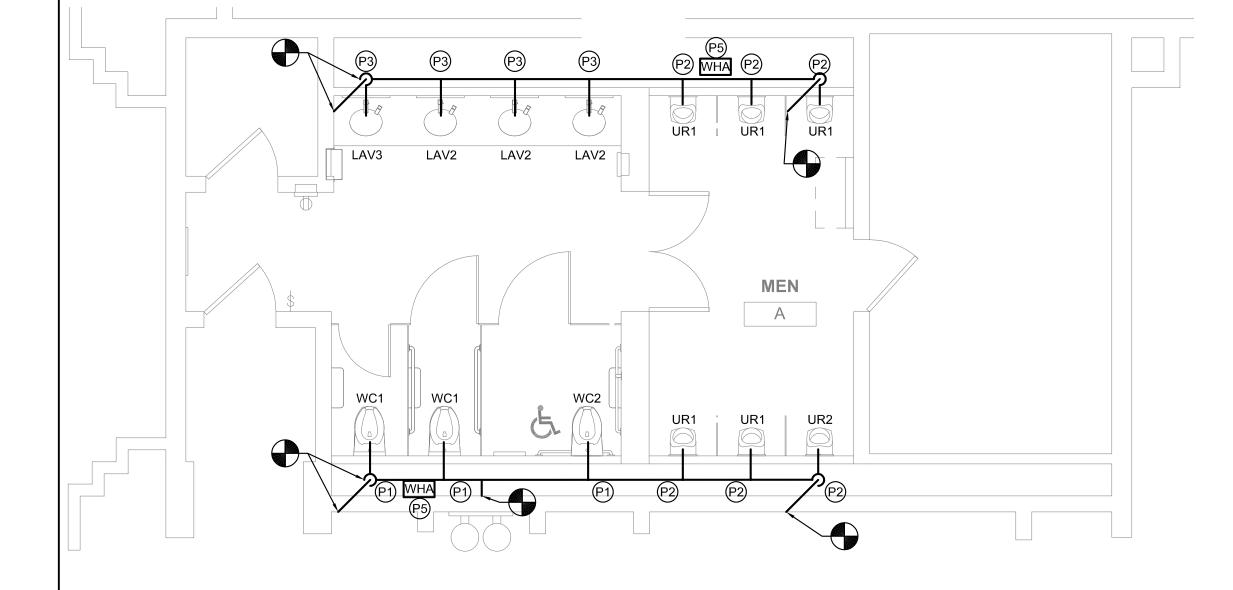
Project number CW1615

Date November 25, 2019

Drawn by DG

Checked by DM

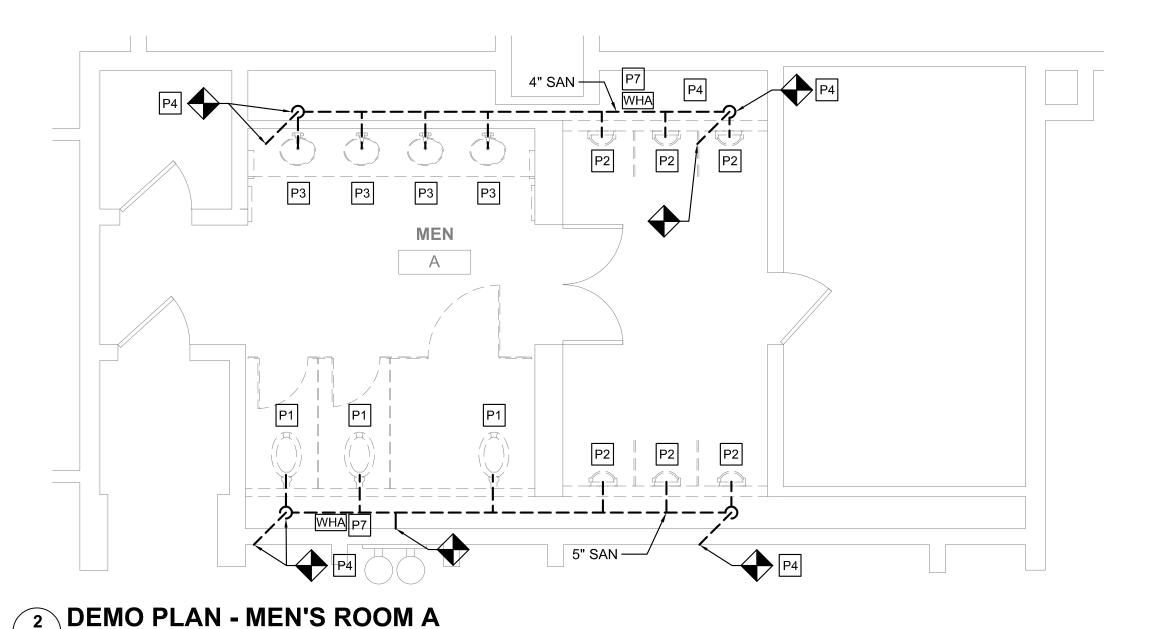
1/4" = 1'-0"



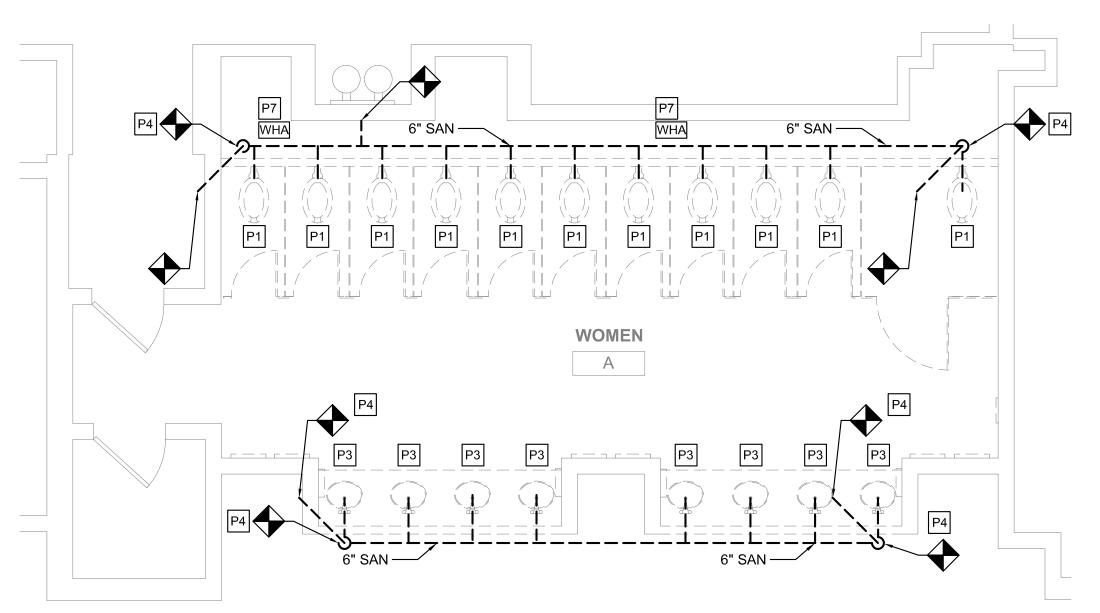
4 FLOOR PLAN - MEN'S ROOM A

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

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







1 DEMO PLAN - WOMEN'S ROOM A

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

PLUMBING FIXTURE QUANTITIES - C												
	EXIS	ΓING FIX	TURES	NE	W FIXTL	NET CHANGE						
DESCRIPTION	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				

	F	PLUMB	ING F	IXTURE	QUAI	NTITIE	S - B		
		EXIS	ΓING FIX	TURES	NE	W FIXTU	NET CHANGE		
DESC	CRIPTION	QTY	DFU	TOTAL DFU	QTY	DFU	TOTAL DFU	QTY	DFU
WATE	R CLOSET	5	8	40	5	8	40	0	0
UF	RINAL	3	4	12	3	4	12	0	0
LAV	'ATORY	4	2	8	4	2	8	0	0
			TOTAL	60		TOTAL	60	NET CHANGE	0

- 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:

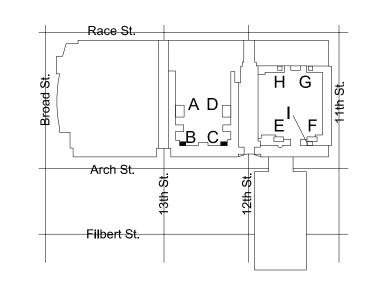
- CONTRACTOR TO DEMOLISH ALL EXISTING CW & HW WATER SUPPLY PIPE EXPOSED BY INTERIOR DEMOLITION WITHIN THE TOILET ROOM. CUT EXISTING SUPPLY PIPE AT LIMIT OF TOILET ROOM PERIMETER WALLS AND CAP FOR NEW WORK CONNECTIONS.
- 2. CONTRACTOR TO PROVIDE NEW CW & HW SUPPLY PIPE. RECONNECT TO EXISTING INCOMING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

- 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.
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- 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.

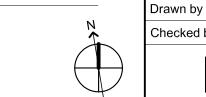
DEMOLITION KEYED NOTES

- 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.
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- 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

0 2' 4' 8'



NTS

CONVERSE
WINKLER
ARCHITECTURE

331 MONTGOMERY AVE
BALA CYNWYD, PA 19144

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:

No. Description Date

PENNSYLVANIA
NVENTION CENTER
ESTROOM RENOVATIONS

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

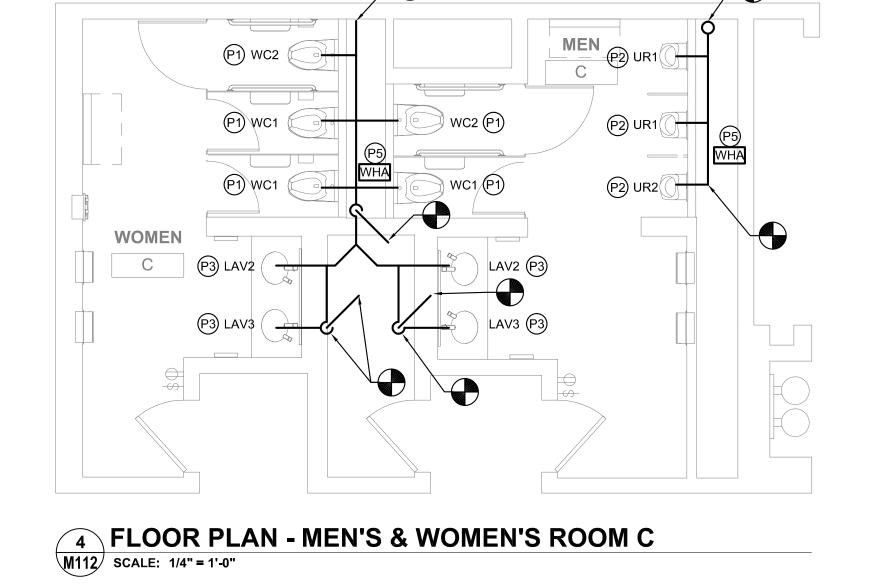
Project number CW1615

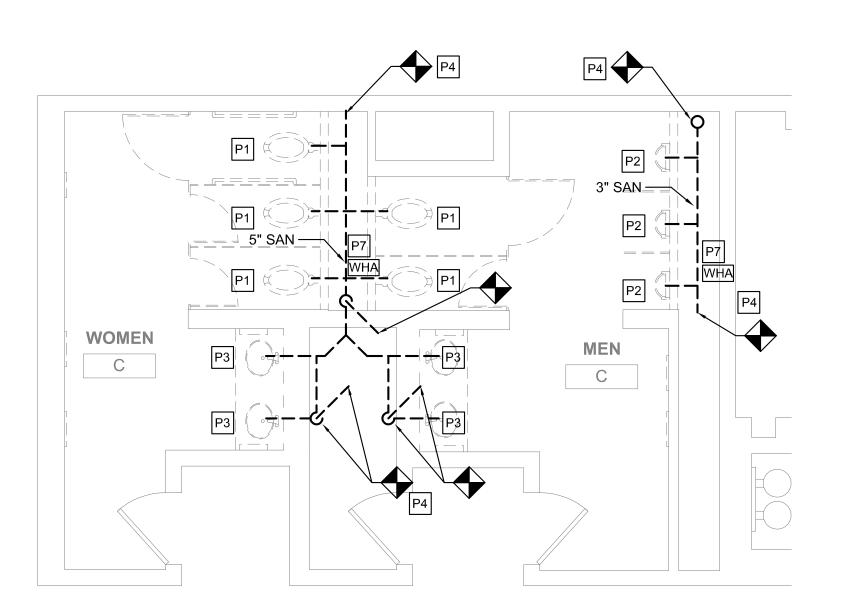
Date November 25, 2019

Checked by

M112

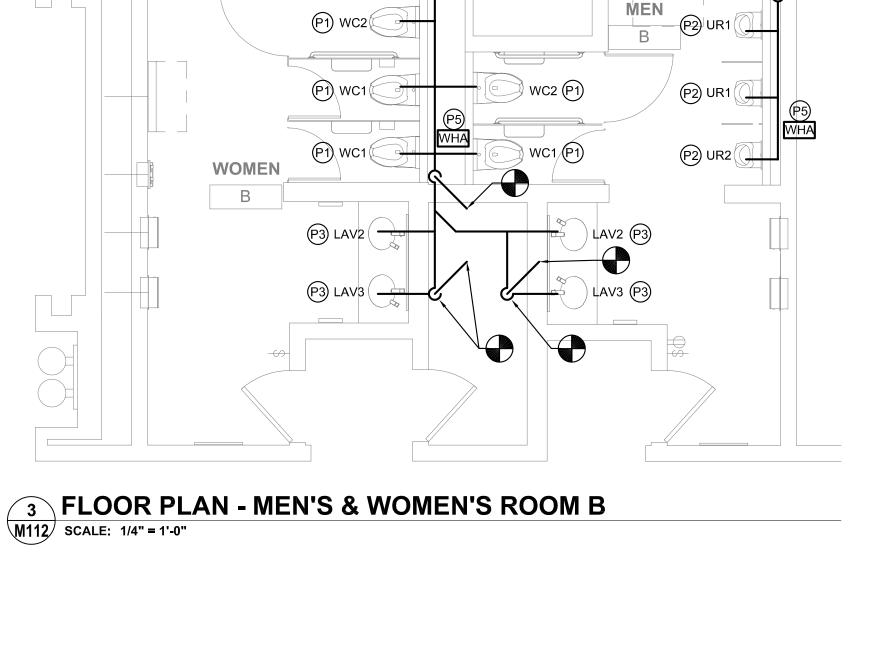
rale 1/4" = 1'-0"

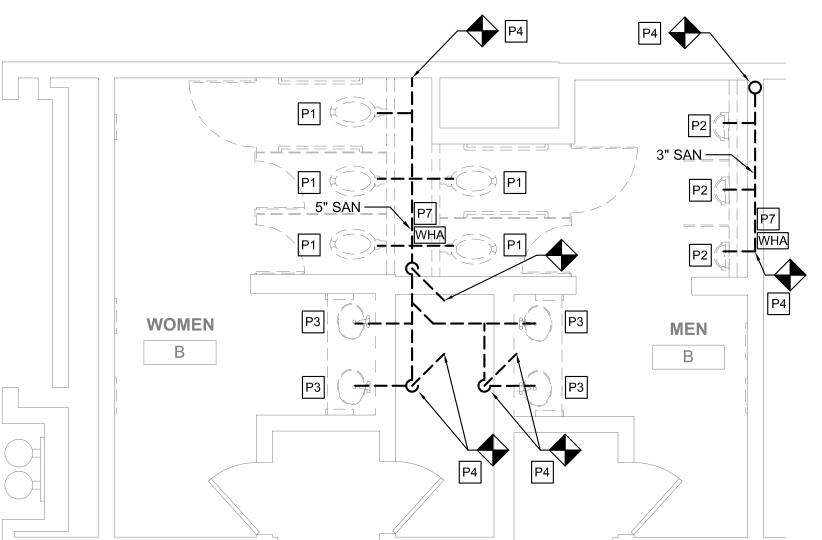




DEMO PLAN - MEN'S & WOMEN'S ROOM C

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





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

F	PLUMB	ING F	IXTURE	QUAI	NTITIE	S-D		
	EXIS	TING FIX	TURES	NE	W FIXTU	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

WC1

WC1

LAV2 LAV2 LAV4

FLOOR PLAN - WOMEN'S ROOM D

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

WC1

WC1

LAV2 LAV2 LAV2 LAV3

WC1

F	PLUME	ING F	IXTURE	QUAI	NTITIE	S - D		
	EXIS	ΓING FIX	TURES	NE	W FIXTU	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	40		24	40	2	24	_	0

GENERAL NOTES

WOMEN

D

- 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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- 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:

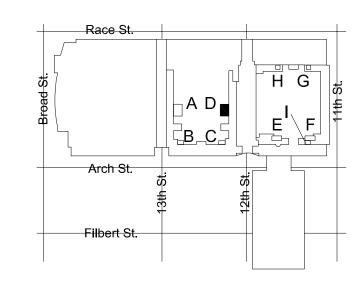
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- 2. CONTRACTOR TO PROVIDE NEW CW & HW SUPPLY PIPE. RECONNECT TO EXISTING INCOMING CW & HW SUPPLY PIPE CAPPED DURING DEMOLITION.
- 3. CONTRACTOR TO PROVIDE NEW DOMESTIC 1/2" CW AND HW DOMESTIC WATER SUPPLY TO EACH LAVATORY (LAV) FIXTURE.
- 4. CONTRACTOR 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

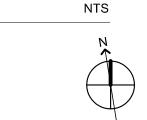
- (P1) PROVIDE NEW WATER CLOSET AND ALL ACCESSORIES AS NOTED ON FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO, FLUSHOMETER, CARRIER, SHUT OFF VALVE, SEAT, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- (P2) PROVIDE NEW URINAL AND 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.
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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

MEP ENGINEERS:

WINKLER

• ARCHITECTURE

ARORA°

331 MONTGOMERY AVE BALA CYNWYD, PA 19144

STRUCTURAL ENGINEERS:

1341 NORTH DELAWARE AVENUE,

PHILADELPHIA, PA 19125 Ph: 215.427.8700

CSA GROUP

SUITE 507

Fax: 215.427.8752 Contact: Wing Au

e-mail: wau@csagroup.com



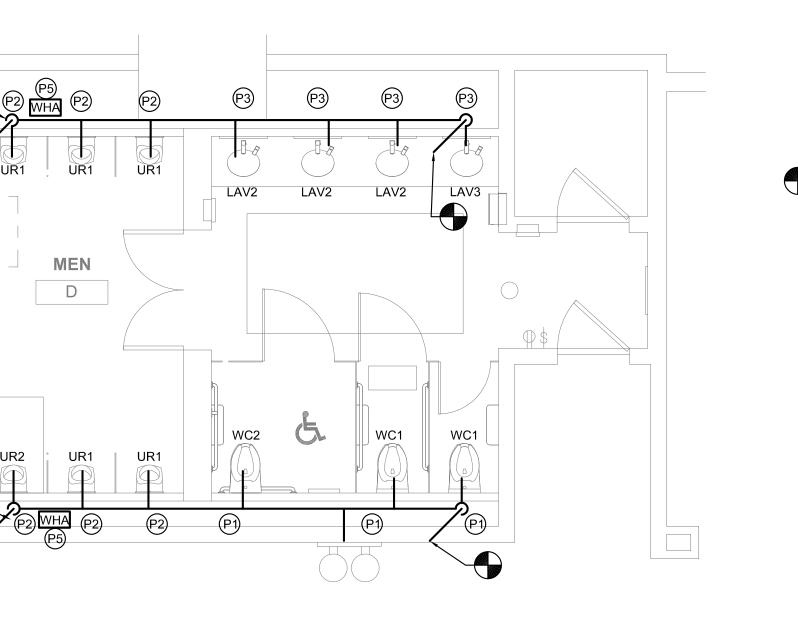
REVISIONS: Description Date

NIA ENTER PENNSYLV,

DEMOLITION & NEW FLOOR PLANS - ROOM D (SEMINAR)

CW1615 Project number November 25, 2019 Drawn by Checked by

1/4" = 1'-0"



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

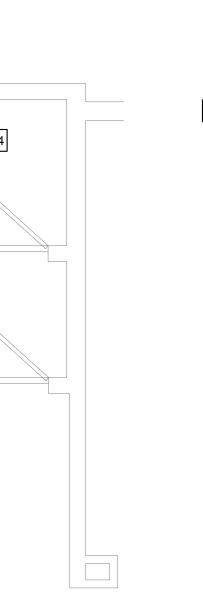
P2

P2

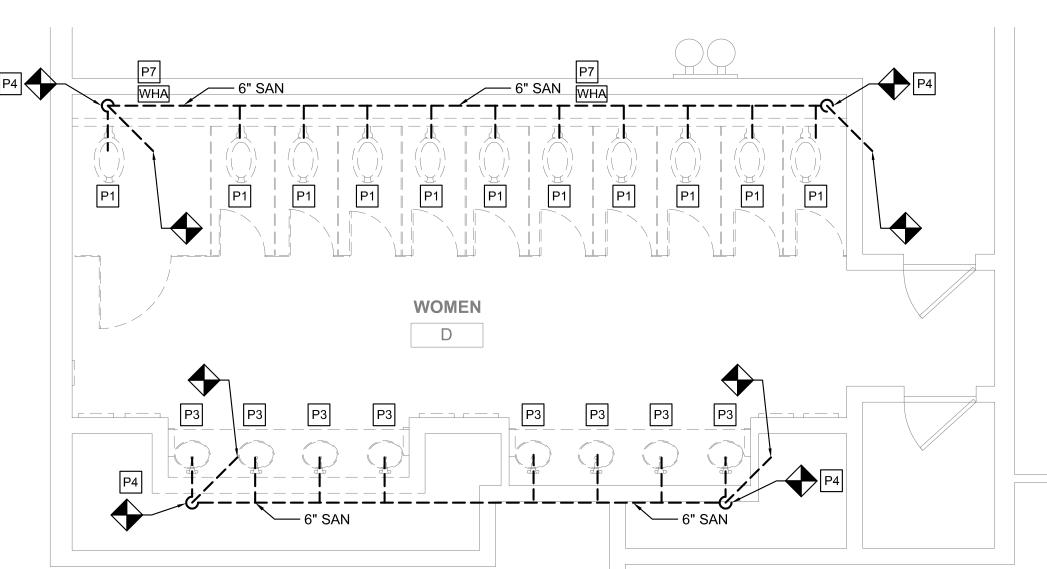
MEN

D

P2

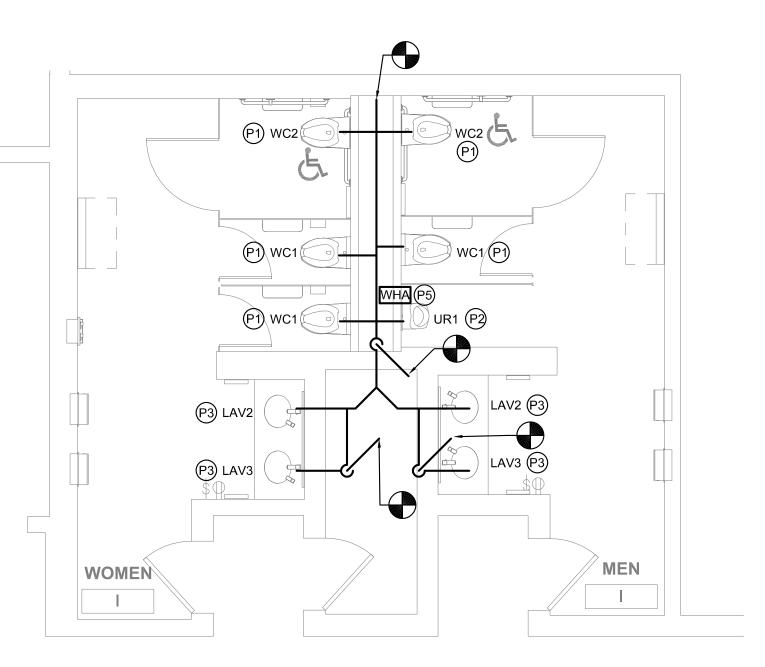


DEMO PLAN - MEN'S ROOM D M113 SCALE: 1/4" = 1'-0"



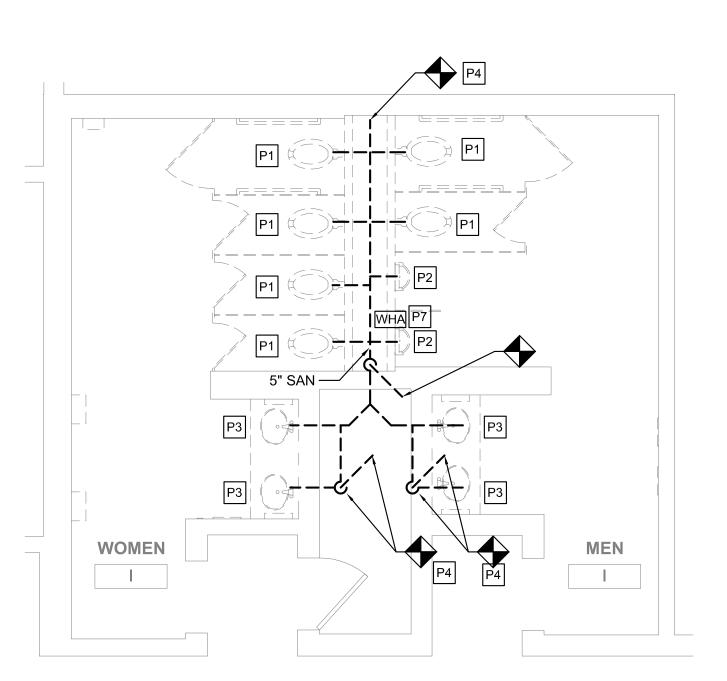
1 DEMO PLAN - WOMEN'S ROOM D

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



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

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



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

M114 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.

F	PLUME	BING F	IXTURE	E QUA	NTITIE	S-I		
	EXIST	TING FIX	TURES	NE	W FIXTL	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	- 4
LAVATORY	4	2	8	4	2	8	0	0
		TOTAL	64		TOTAL	52	NET CHANGE	-12
							·	

DOMESTIC WATER NEW WORK:

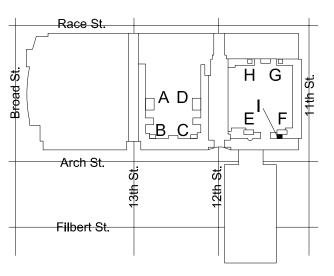
- CONTRACTOR TO DEMOLISH ALL EXISTING CW & HW WATER SUPPLY PIPE EXPOSED BY INTERIOR DEMOLITION WITHIN THE TOILET ROOM. CUT EXISTING SUPPLY PIPE AT LIMIT OF TOILET ROOM PERIMETER WALLS AND CAP FOR NEW WORK CONNECTIONS.
- CONTRACTOR TO PROVIDE NEW CW & HW SUPPLY PIPE. RECONNECT TO EXISTING INCOMING CW & 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.
- 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 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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Ph: 215.427.8700 Fax: 215.427.8752

CSA GROUP

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



No. Description Date

REVISIONS:

PENNSYLVANIA
NVENTION CENTER
ESTROOM RENOVATIONS

DEMOLITION &
NEW FLOOR
PLANS - ROOM I
(SEMINAR)

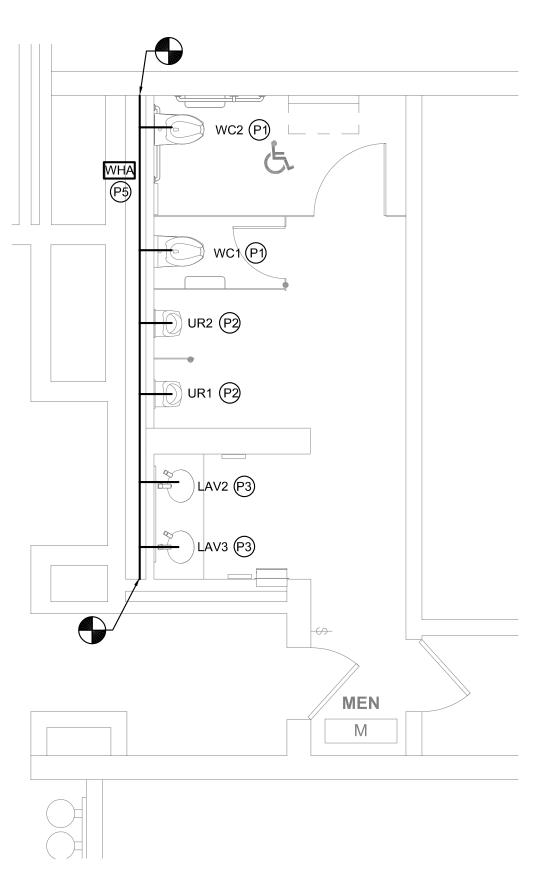
Project number CW1615

Date November 25, 2019

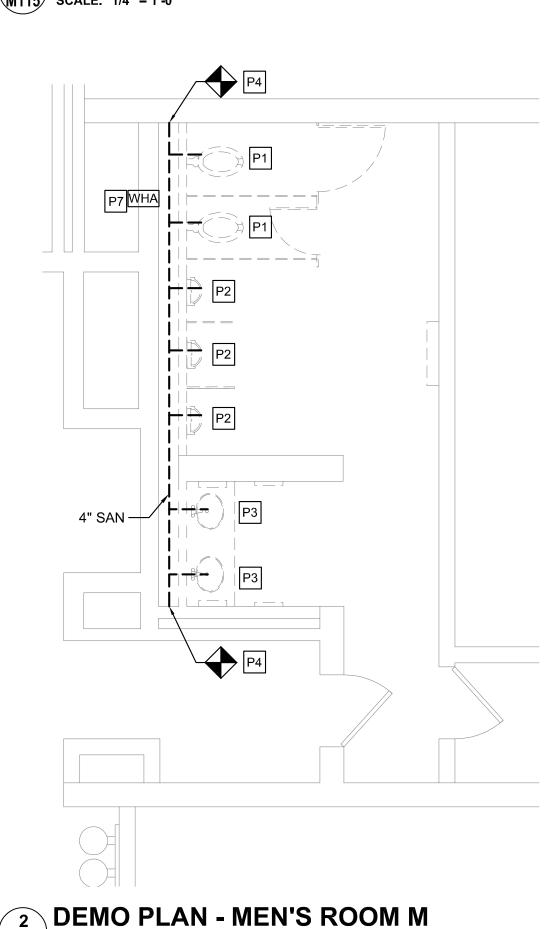
Drawn by DG

Checked by DM

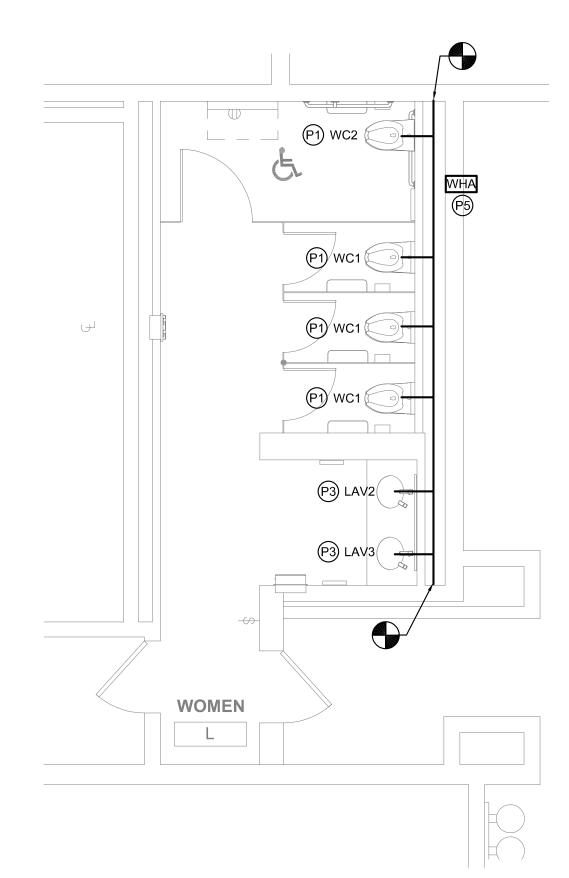
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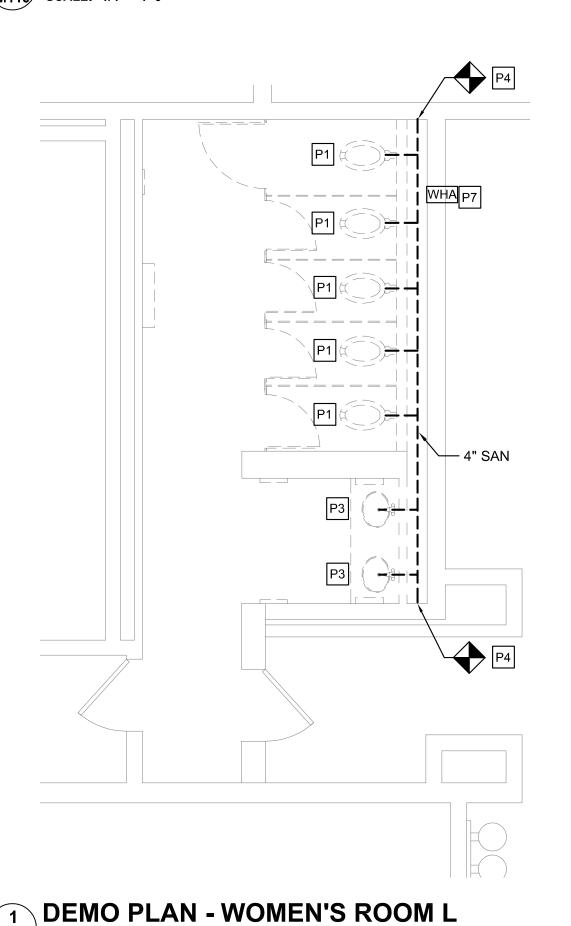




M115 SCALE: 1/4" = 1'-0"



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.

PLUMBING FIXTURE QUANTITIES - L													
	EXIST	TING FIX	TURES	NE	W FIXTL	IRES	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					

Р	LUMB	ING F	IXTURE	QUAI	NTITIE	S - M		
	EXIST	TING FIX	TURES	NE	W FIXTL	NET CHANGE		
DESCRIPTION	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:

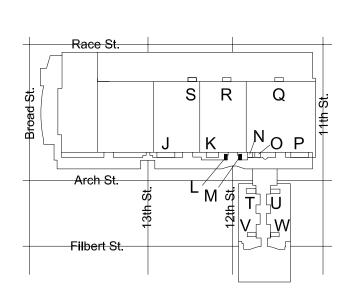
- CONTRACTOR TO DEMOLISH ALL EXISTING CW & HW WATER SUPPLY PIPE EXPOSED BY INTERIOR DEMOLITION WITHIN THE TOILET ROOM. CUT EXISTING SUPPLY PIPE AT LIMIT OF TOILET ROOM PERIMETER WALLS AND CAP FOR NEW WORK CONNECTIONS.
- CONTRACTOR TO PROVIDE NEW CW & HW SUPPLY PIPE.
 RECONNECT TO EXISTING INCOMING CW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

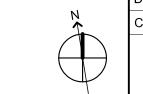
DEMOLITION KEYED NOTES

- 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

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

MEP ENGINEERS:

· · · · · CONVERSE



Arora Engineers, Inc.

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Ph: 215.427.8700 Fax: 215.427.8752

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

PHILADELPHIA, PA 19125



REVISIONS:

No. Description Date

PENNSYLVANIA
NVENTION CENTER
ESTROOM RENOVATIONS

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

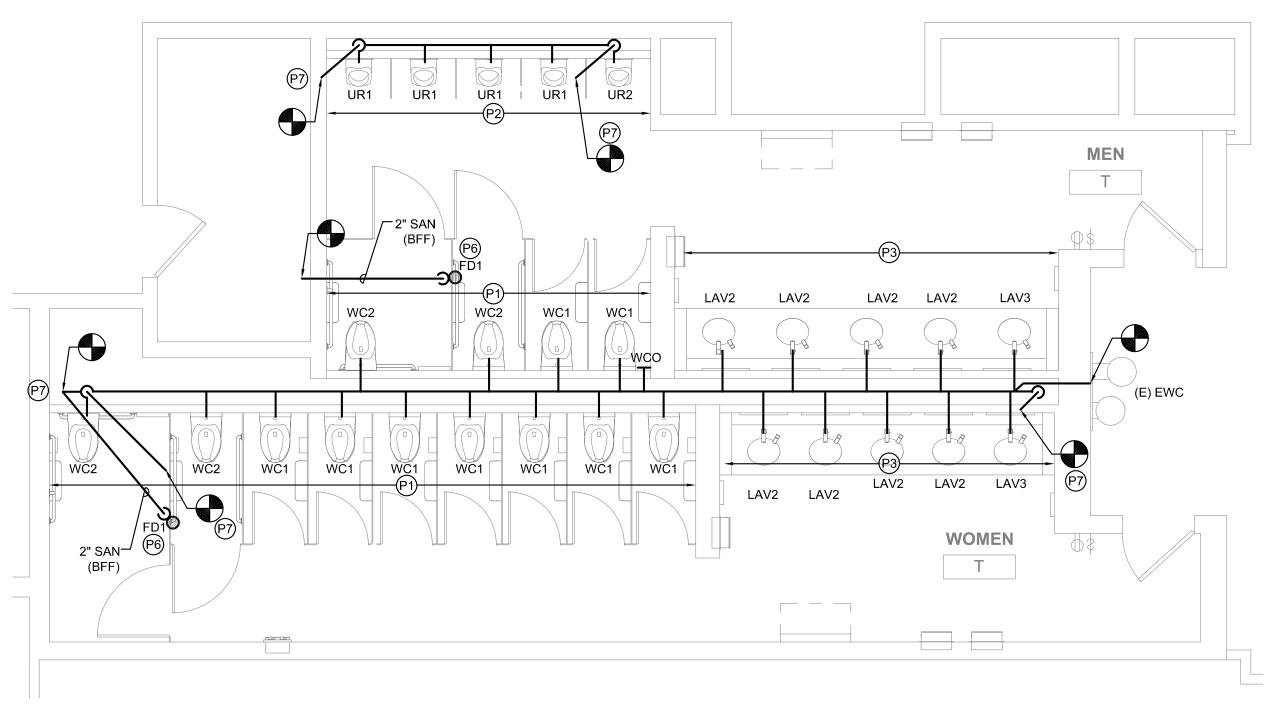
Project number CW1615

Date November 25, 2019

Drawn by DG

M115

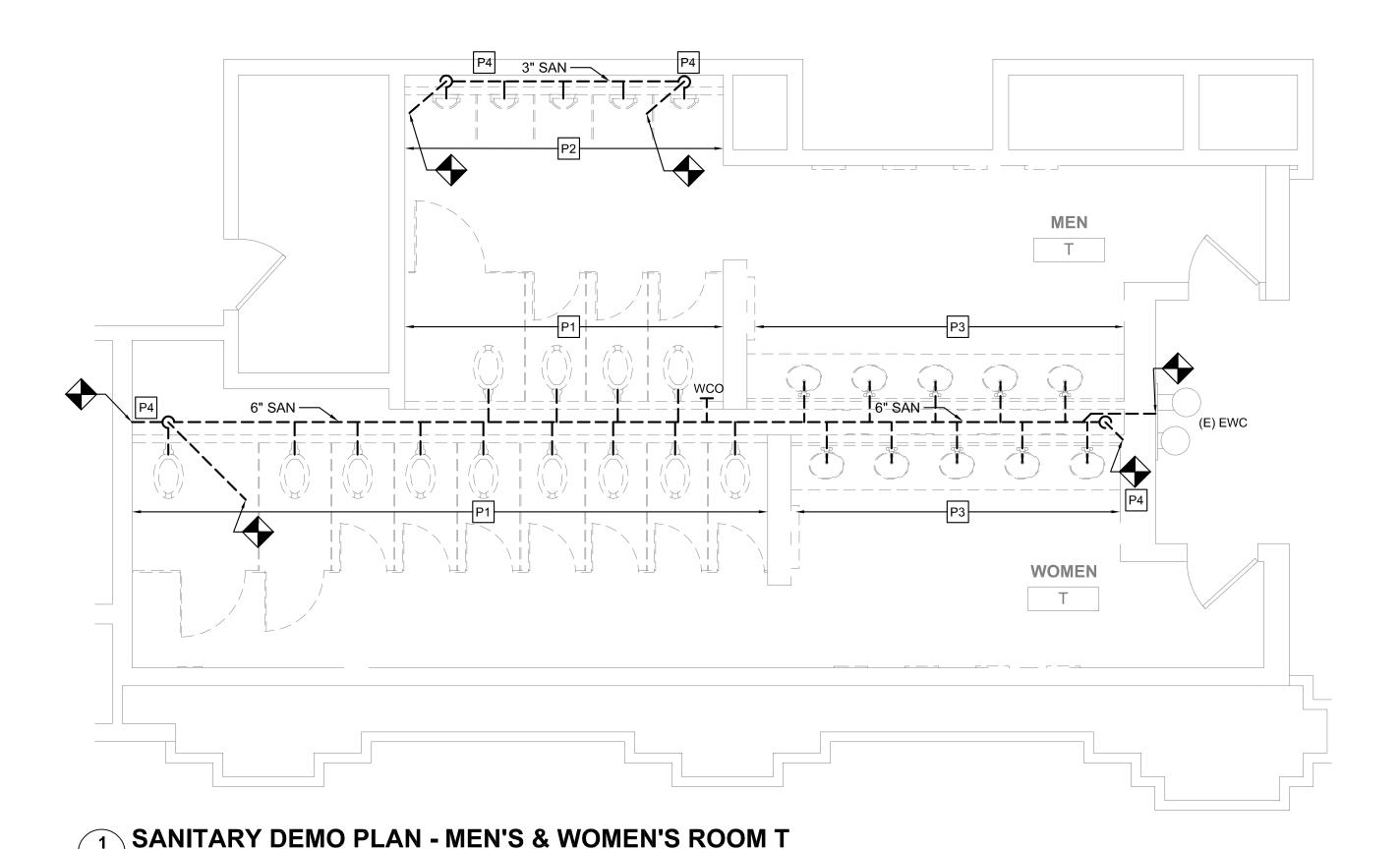
tale 1/4" = 1'-0"



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.

	EXIST	TING FIX	TURES	NE	W FIXTL	NET CHANGE		
DESCRIPTION	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 CHANGE	+6

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:

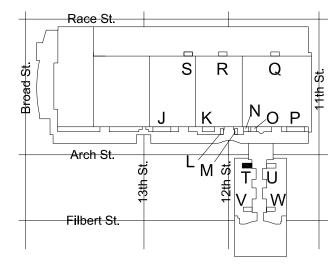
- 1. CONTRACTOR TO DEMOLISH ALL EXISTING CW & HW WATER SUPPLY PIPE EXPOSED BY INTERIOR DEMOLITION WITHIN THE TOILET ROOM. CUT EXISTING SUPPLY PIPE AT LIMIT OF TOILET ROOM PERIMETER WALLS AND CAP FOR NEW WORK CONNECTIONS.
- 2. CONTRACTOR TO PROVIDE NEW CW & HW SUPPLY PIPE. RECONNECT TO EXISTING INCOMING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

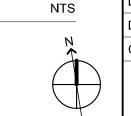
- (P1) PROVIDE NEW WATER CLOSET AND ALL ACCESSORIES AS NOTED ON FIXTURE SCHEDULE INCLUDING, BUT NOT LIMITED TO, FLUSHOMETER, CARRIER, SHUT OFF VALVE, SEAT, DOMESTIC WATER, SANITARY AND VENT PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND ADA REQUIREMENTS.
- P2) PROVIDE NEW URINAL AND 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





MEP ENGINEERS:



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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

Date

ER NIA PENNSYLV ONVENTION

DEMOLITION & NEW FLOOR PLANS - ROOM T (SEMINAR)

CW1615 Project number November 25, 2019 Drawn by Checked by