HARRISBURG AREA COMMUNITY COLLEGE ROSE LEHRMAN ARTS CENTER THEATER AND PROTOTYPE (COMMON) TOILET ROOM RENOVATIONS

	SHEET LIST		SHEET LIST
SHEET NUMBER	SHEET NAME	SHEET NUMB	SER SHEET NAME
X2.0	FIRST AND SECOND FLOOR DEMOLITION DRAWINGS	ED1.1	FIRST AND SECOND FLOOR PLANS - BASE BID - ELEC. DEMO.
X2.1	FIRST AND SECOND FLOOR REFLECTED CEILING PLAN DEMOLITION DRAWINGS	ED1.1A	FIRST AND SECOND FLOOR PLANS - ADD. ALT ELEC. DEMO.
A2.0	FIRST AND SECOND FLOOR NEW FLOOR PLANS-BASE BID	H1.1	FIRST AND SECOND FLOOR PLANS - BASE BID - HVAC
A2.0.1	FIRST AND SECOND FLOOR NEW FLOOR PLAN - ADD ALTERNATE	H1.1A	FIRST AND SECOND FLOOR PLANS - ADD. ALT HVAC
A6.0	ELEVATIONS - FIRST FLOOR (THEATER) - BASE BID	H2.1	SYMBOLS, DETAILS AND SCHEDULES - HVAC
A6.0.1	ELEVATIONS - FIRST FLOOR (THEATER) ADD ALTERNATES	HD1.1	FIRST AND SECOND FLOOR PLANS - BASE BID - HVAC DEMO.
A6.1	ELEVATIONS-SECOND FLOOR (COMMON) - BASE BID AND ADD ALTERNATES	HD1.1A	FIRST AND SECOND FLOOR PLANS - ADD ALT HVAC DEMO.
A6.1.1	ELEVATION-SECOND FLOOR (COMMON) ADD ALTERNATES	PO.1	FIRST AND SECOND FLOOR PLANS - BASE BID - PLUMBING
A6.2	ELEVATIONS - FIRST FLOOR (COMMON) - BASE BID AND ADD ALTERNATES	PO.1A	FIRST AND SECOND FLOOR PLANS - ADD. ALT PLUMBING
A6.2.1	ELEVATIONS - FIRST FLOOR	P1.1	FIRST AND SECOND FLOOR PLANS - BASE BID - PLUMBING
A7.0	FLOOR PLAN FINISHES-BASE BID	P1.1A	FIRST AND SECOND FLOOR PLANS - ADD. ALT PLUMBING
A7.0.1	FLOOR PLAN FINISHES - ADD ALTERNATE	P2.1	PLUMBING - SYMBOLS, DETAILS AND SECHEDULES
A9.0	CEILING PLANS - BASE BID	PD0.1	FIRST AND SECOND FLOOR PLANS - BASE BID - PLUMB. DEMO.
A9.0.1	CEILING PLANS - ADD ALTERNATE	PD0.1A	FIRST AND SECOND FLOOR PLANS - ADD. ALT PLUMB. DEMO.
E1.1	FIRST AND SECOND FLOOR PLANS - BASE BID - ELECTRICAL	PD1.1	FIRST AND SECOND FLOOR PLANS - BASE BID - PLUMB. DEMO.
E1.1A	FIRST AND SECOND FLOOR PLANS - ADD. ALT ELECTRICAL	PD1.1A	FIRST AND SECOND FLOOR PLANS - ADD. ALT PLUMB. DEMO.

ARCHITECT:

ELECTRICAL DETAILS, SYMBOLS AND SCHEDULES

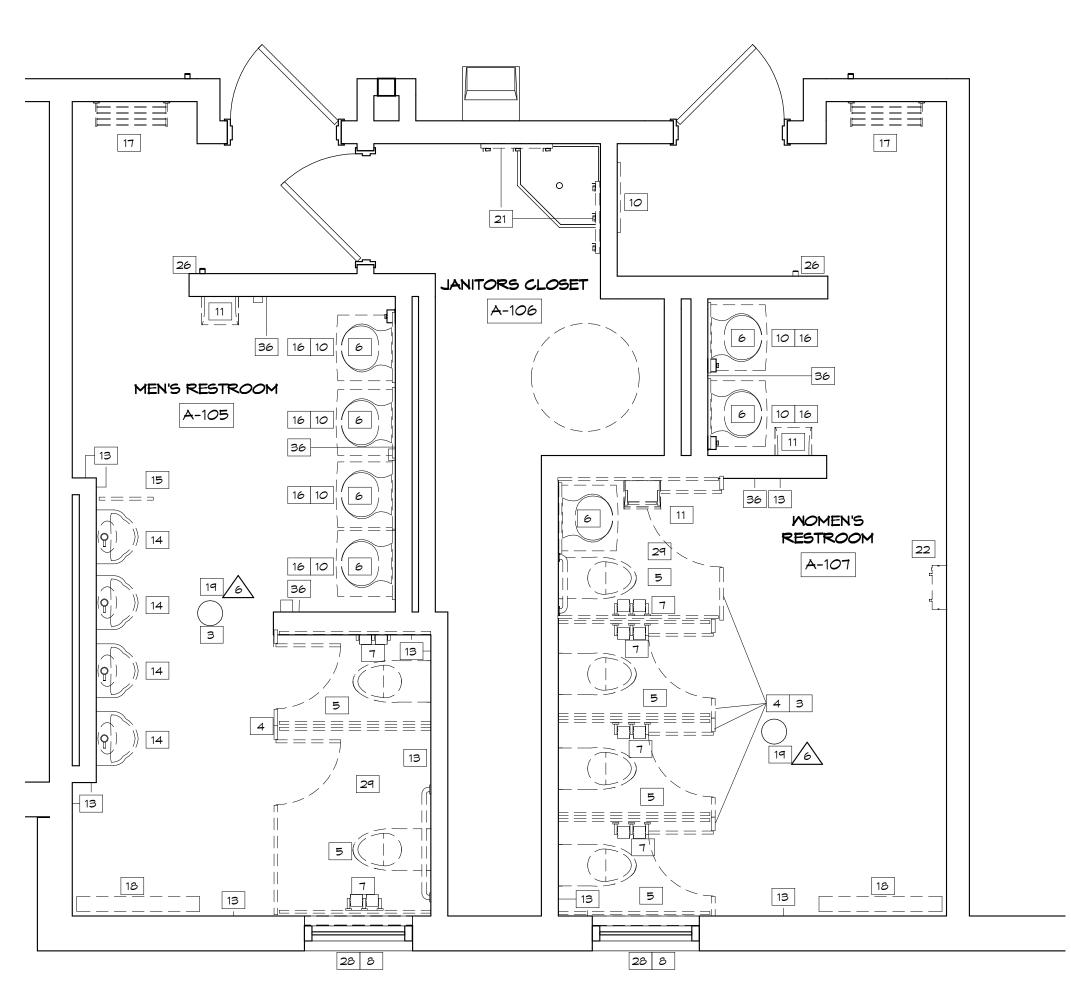
MURRAY ASSOCIATES ARCHITECTS, P.C. 1600 NORTH SECOND STREET HARRISBURG, PA 17102-2499

CONSTRUCTION MANAGER:

EASTERN PCM, LLC 645 N. 12TH STREET, SUITE 200 LEMOYNE, PA 17043

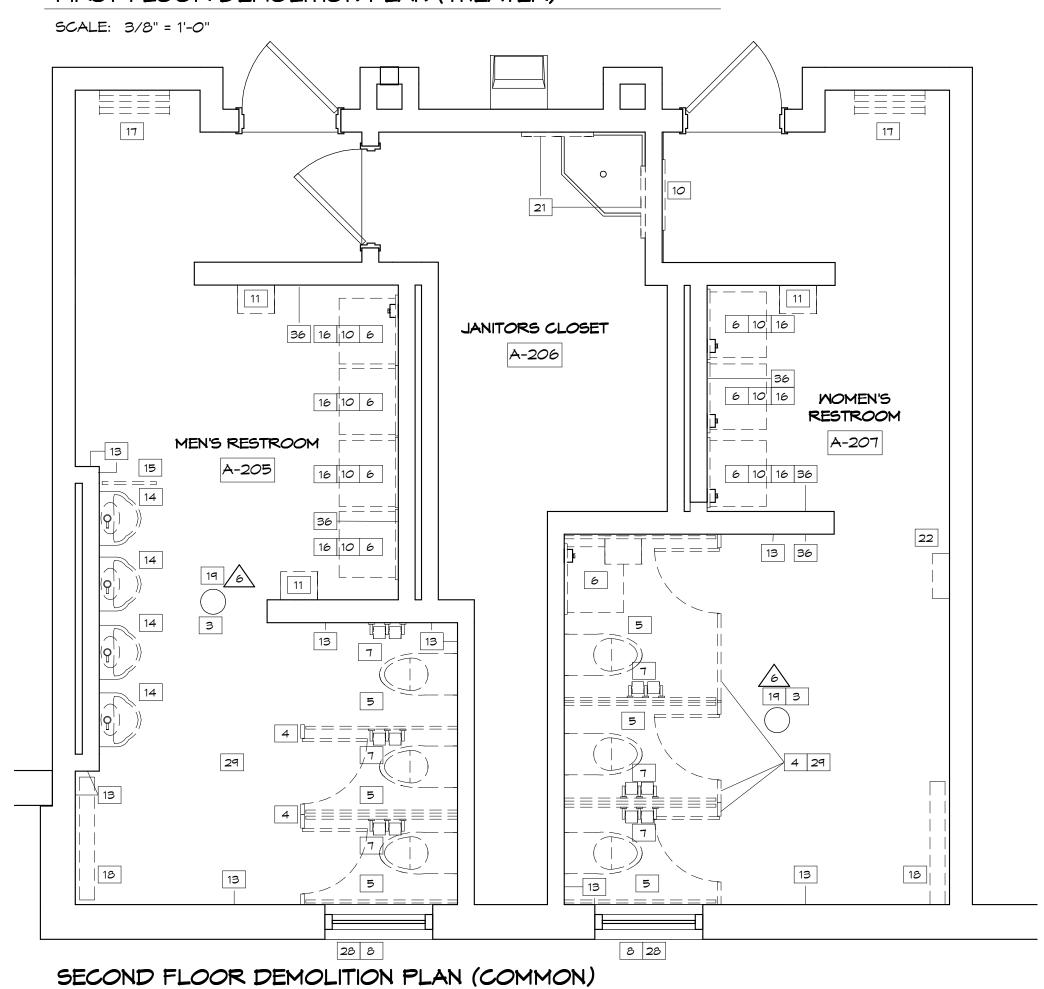
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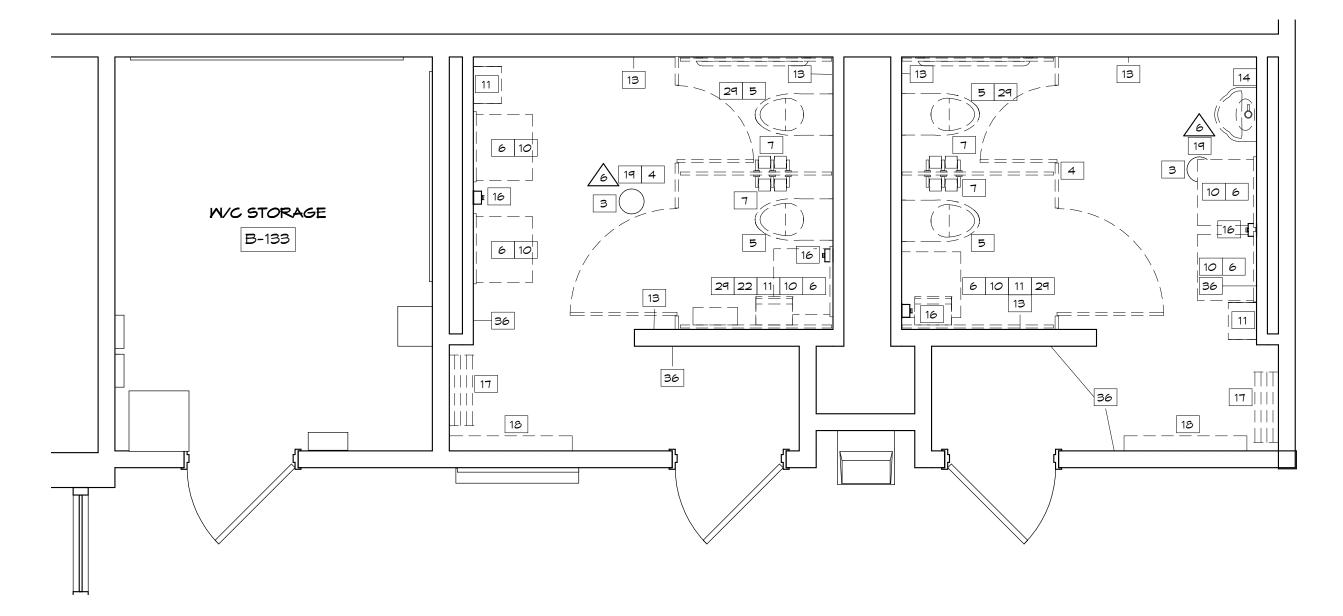
CONSTRUCTION DOCUMENTS



FIRST FLOOR DEMOLITION PLAN (THEATER)

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





FIRST FLOOR DEMOLITION PLAN (COMMON)

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



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HARRISBURG AREA COMMUNITY COLLEGE ROSE LEHRMAN ARTS CENTER

THEATER AND PROTOTYPE
(COMMON) TOILET ROOM
____RENOVATIONS_____

FIRST AND SECOND FLOOR
DEMOLITION DRAWINGS

CONSTRUCTION DOCUMENTS

DOOUNTENTS

DRAWN BY: CHECKED BY:

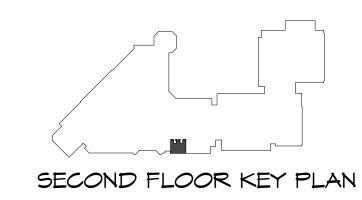
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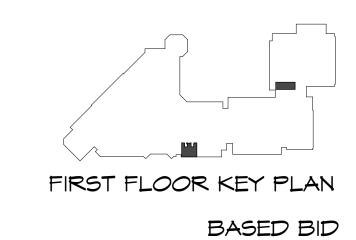
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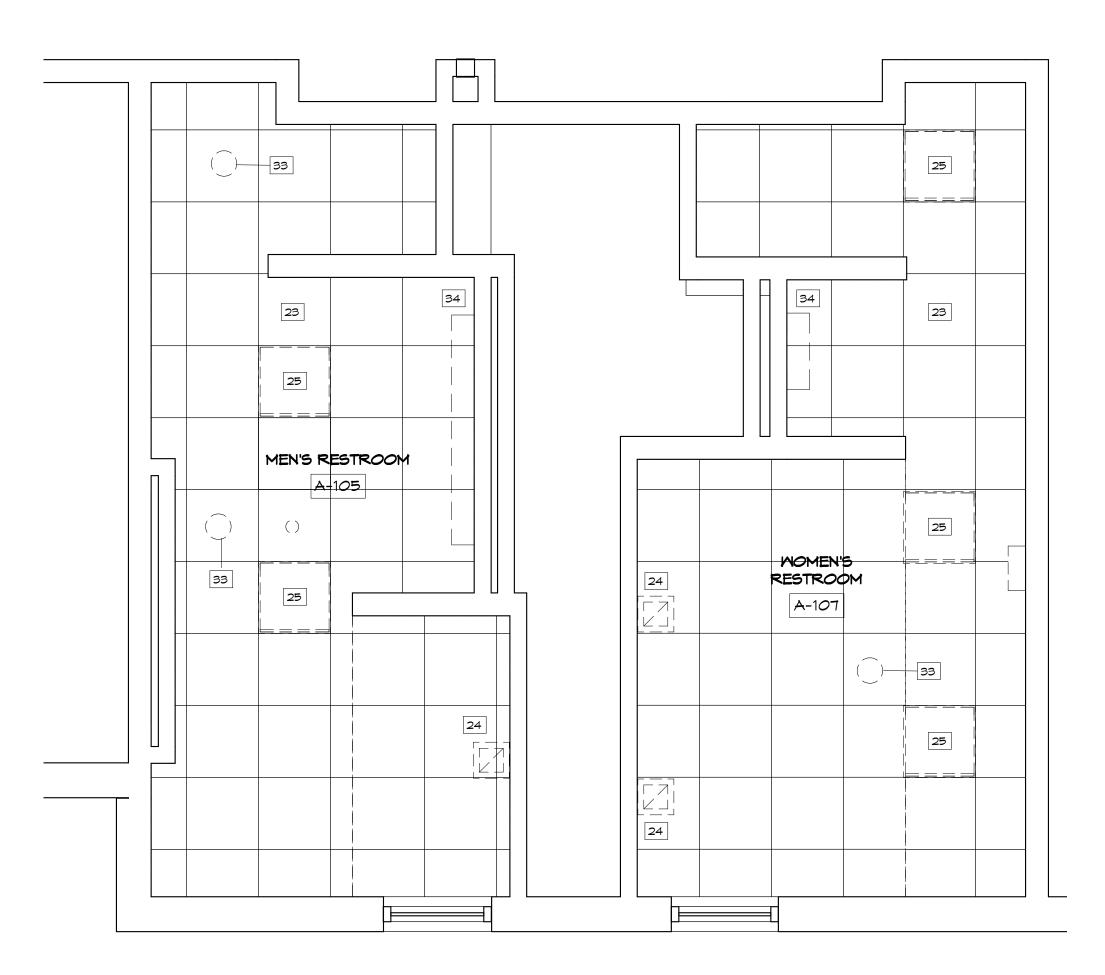
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SHEET NUMBER.

X2.0

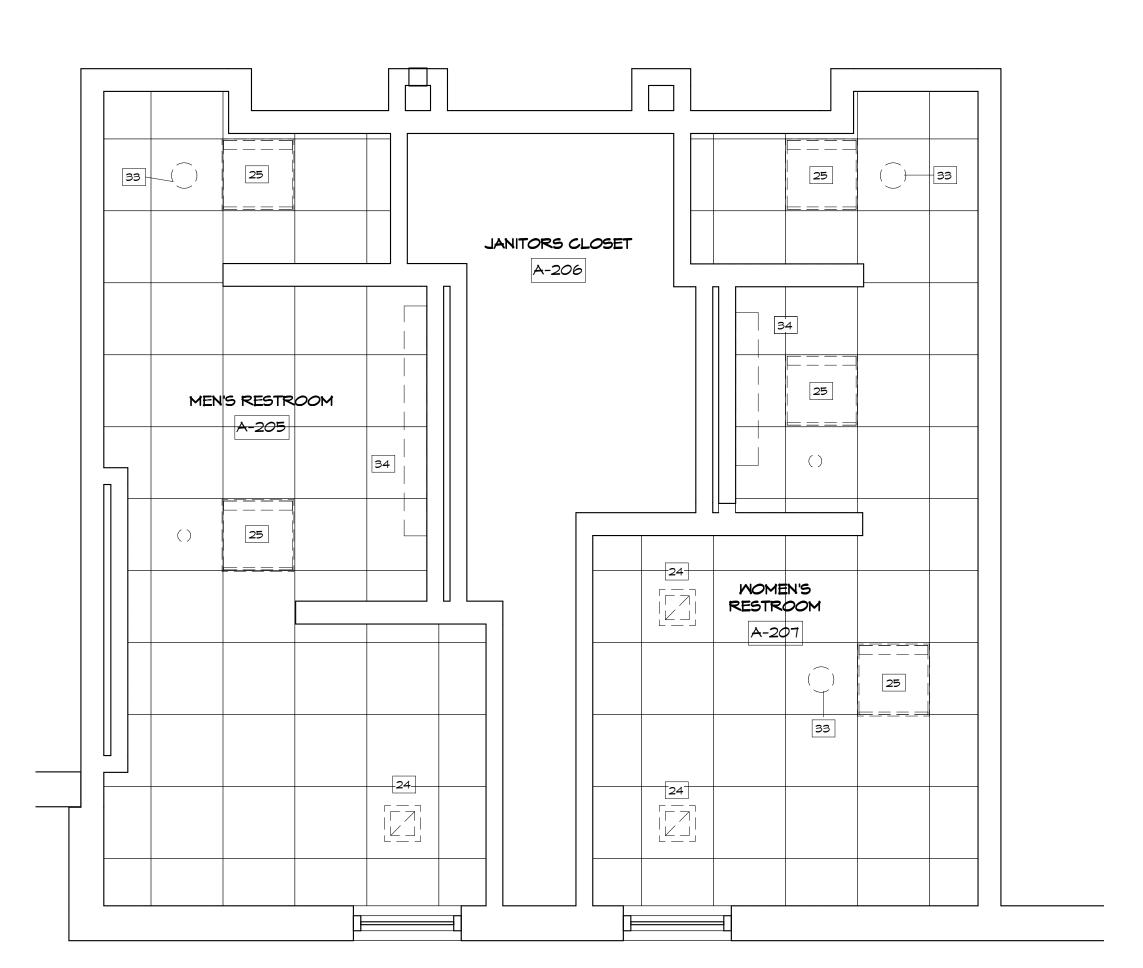






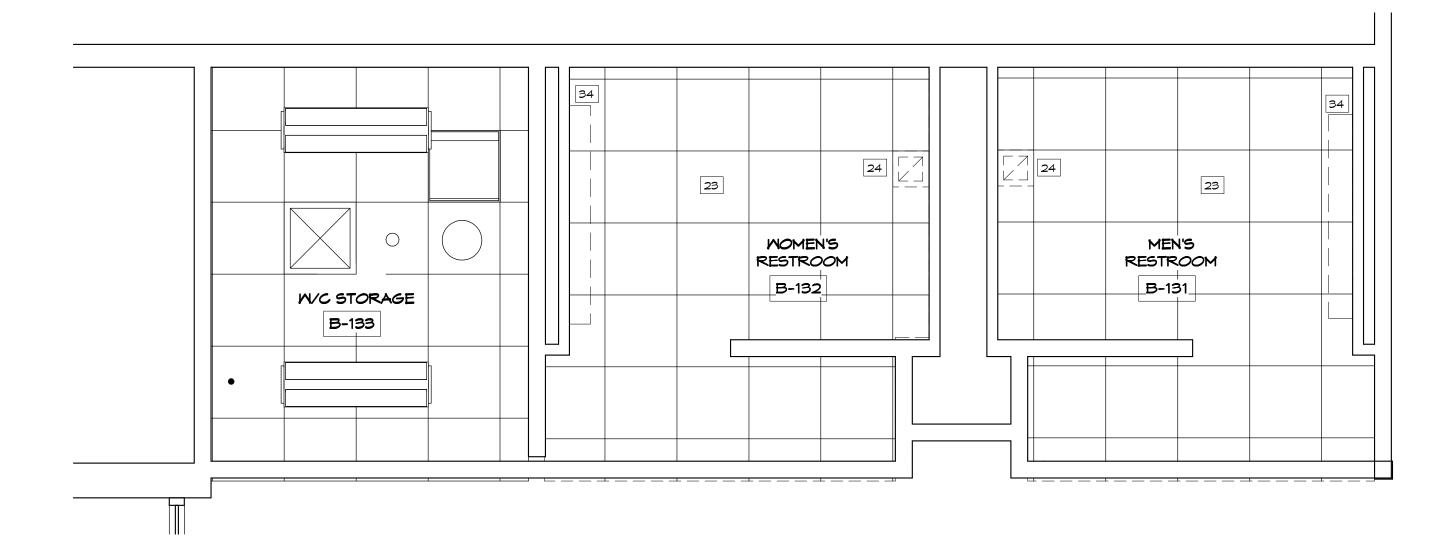
FIRST FLOOR DEMOLITION PLAN (THEATER)

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



SECOND FLOOR DEMOLITION PLAN (COMMON)

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



FIRST FLOOR DEMOLITION PLAN (COMMON)

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



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CENTER

THEATER AND PROTOTYPE
(COMMON) TOILET ROOM
____RENOVATIONS_____

FIRST AND SECOND FLOOR
REFLECTED CEILING PLAN
DEMOLITION DRAWINGS

BHD

CONSTRUCTION DOCUMENTS

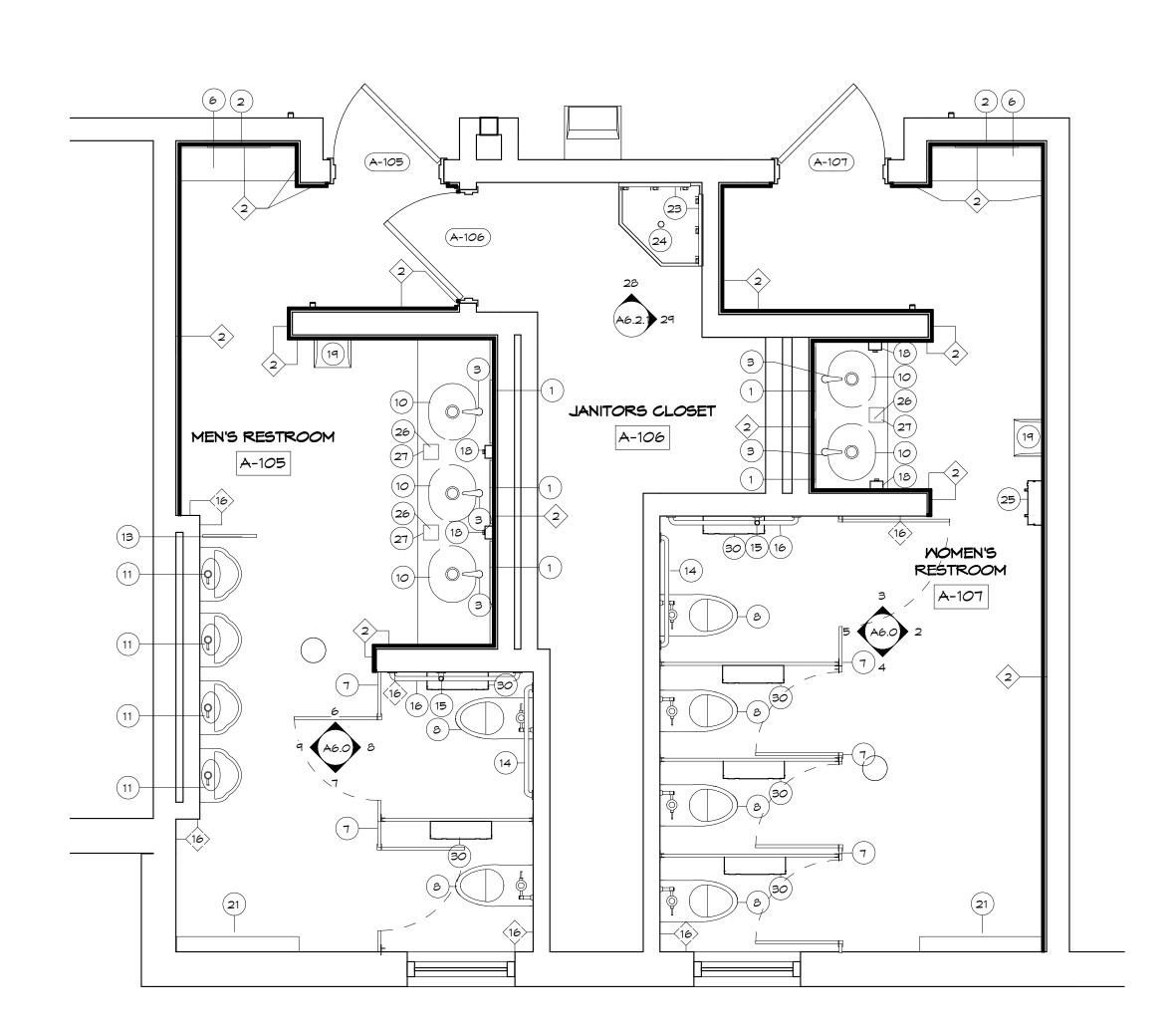
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8/8/2014

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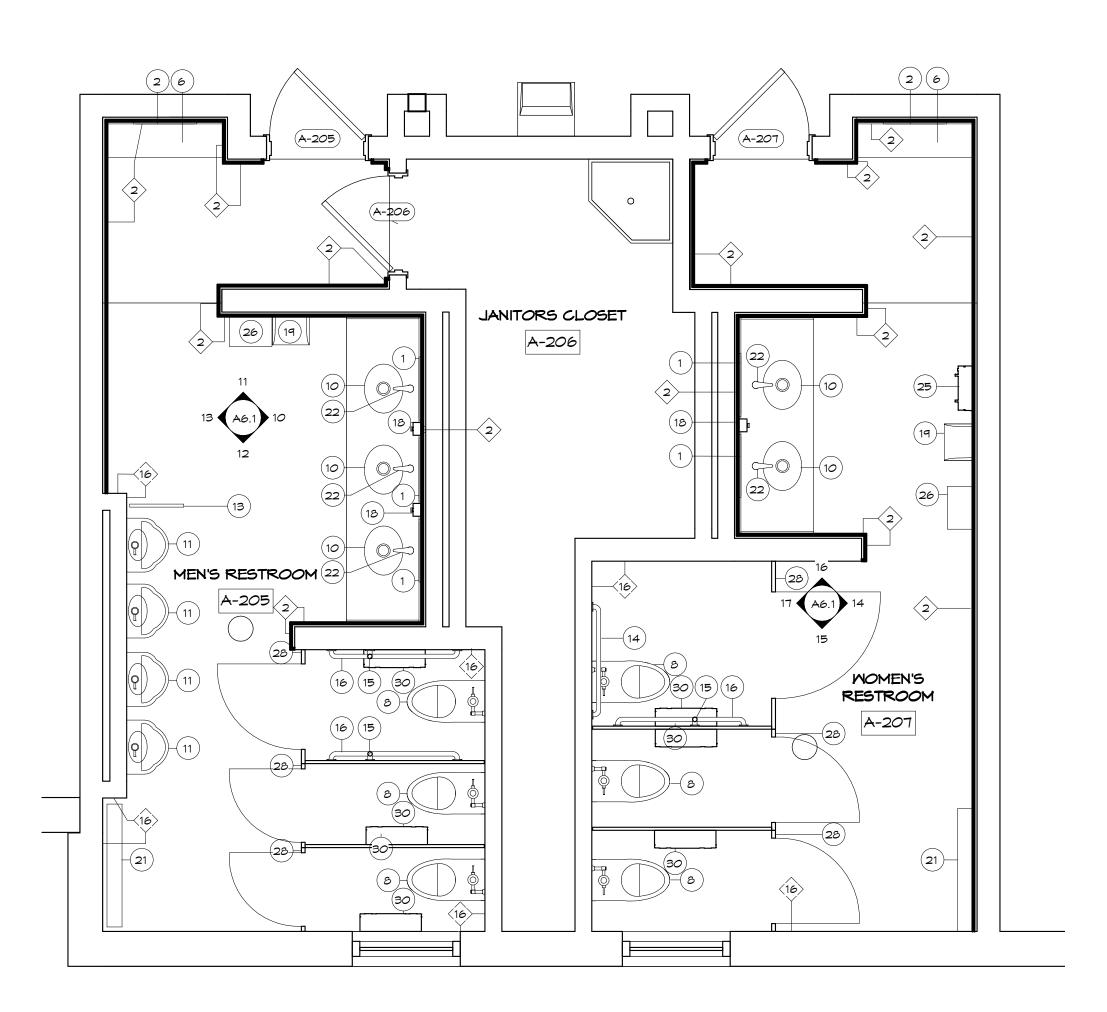
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X2.1



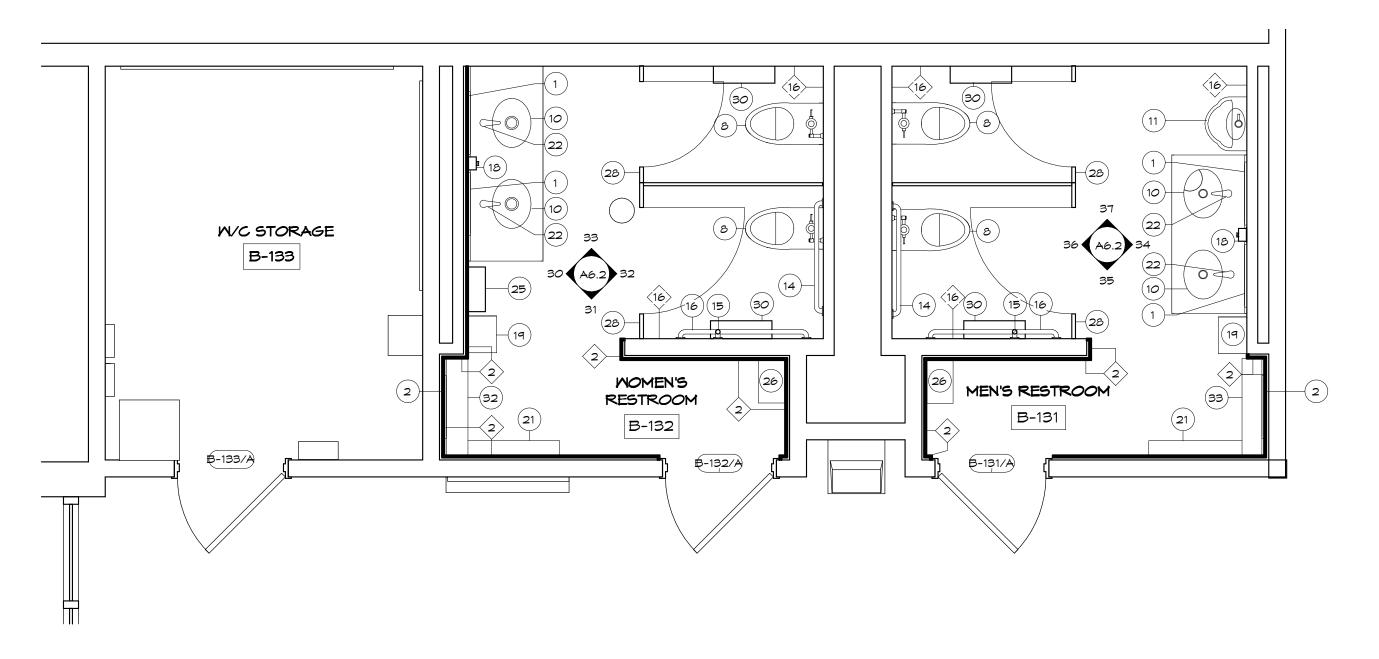
FIRST FLOOR PLAN (THEATER)

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



SECOND FLOOR PLAN (COMMON)

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



FIRST FLOOR PLAN (COMMON)

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



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THEATER AND PROTOTYPE
(COMMON) TOILET ROOM
____RENOVATIONS_____

FIRST AND SECOND FLOOR NEW FLOOR PLANS-BASE BID

CONSTRUCTION DOCUMENTS

CHECKED BY:

KLS

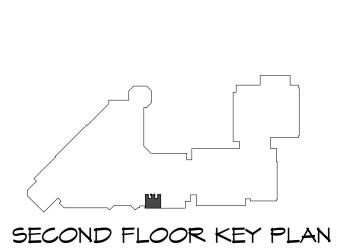
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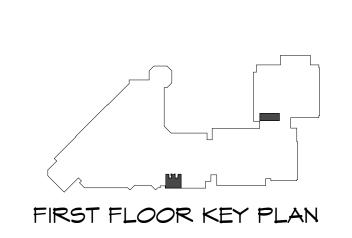
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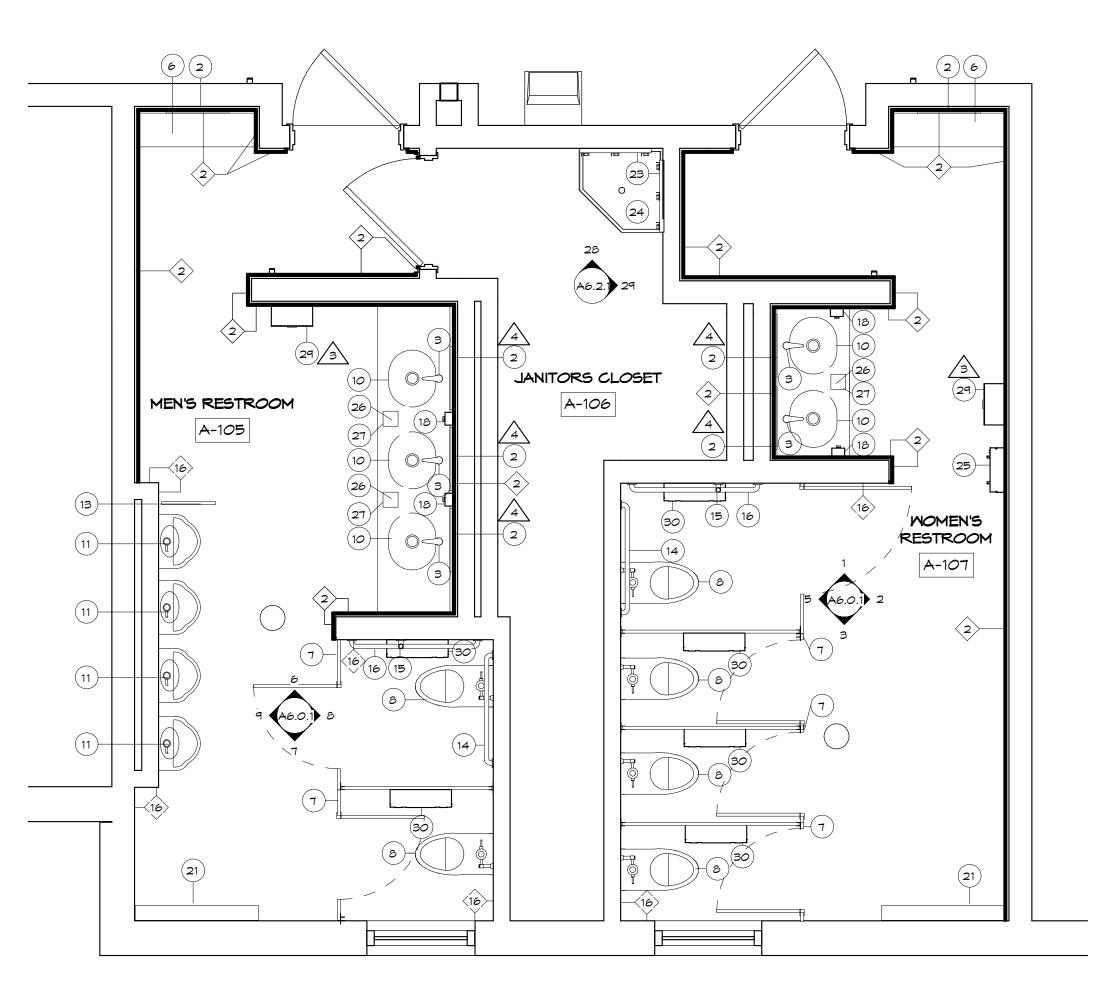
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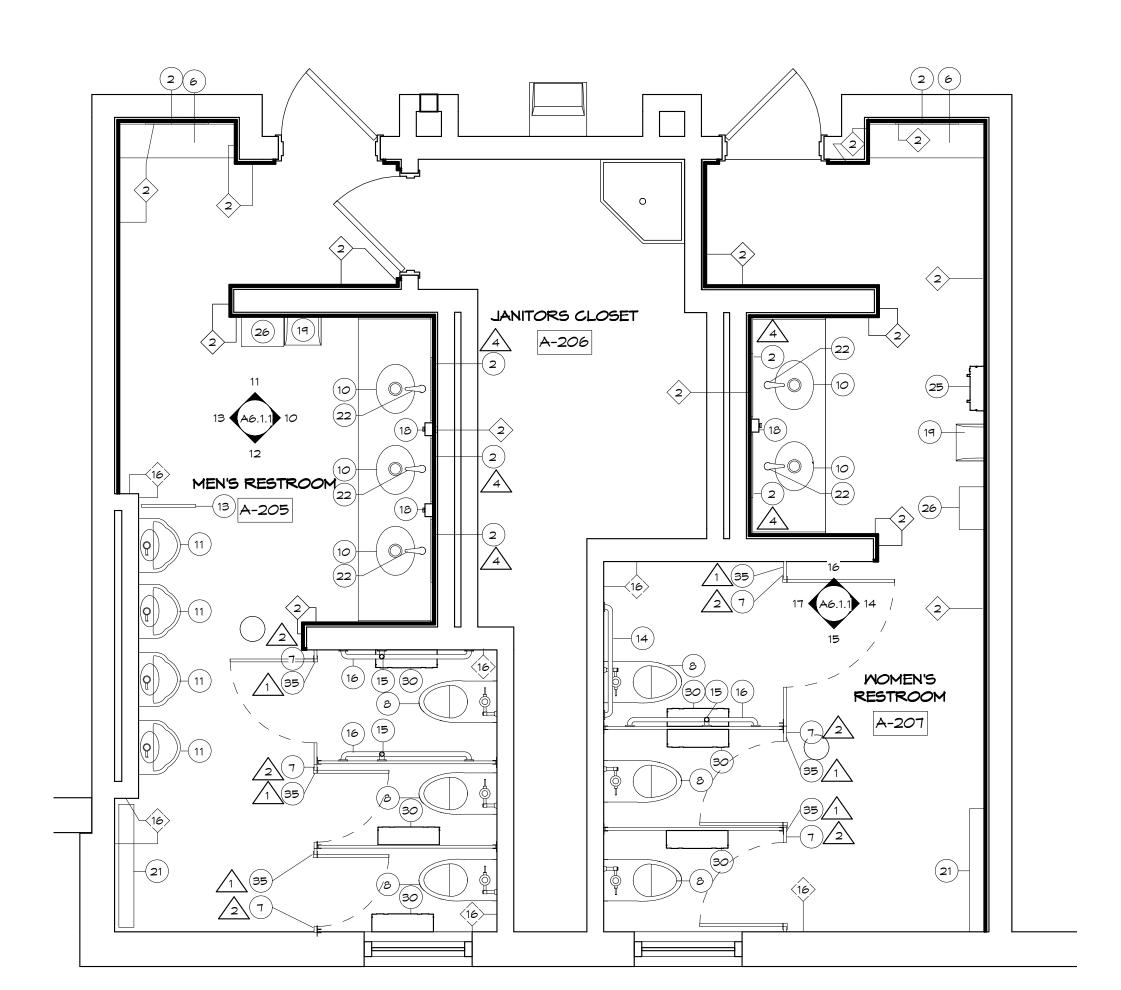






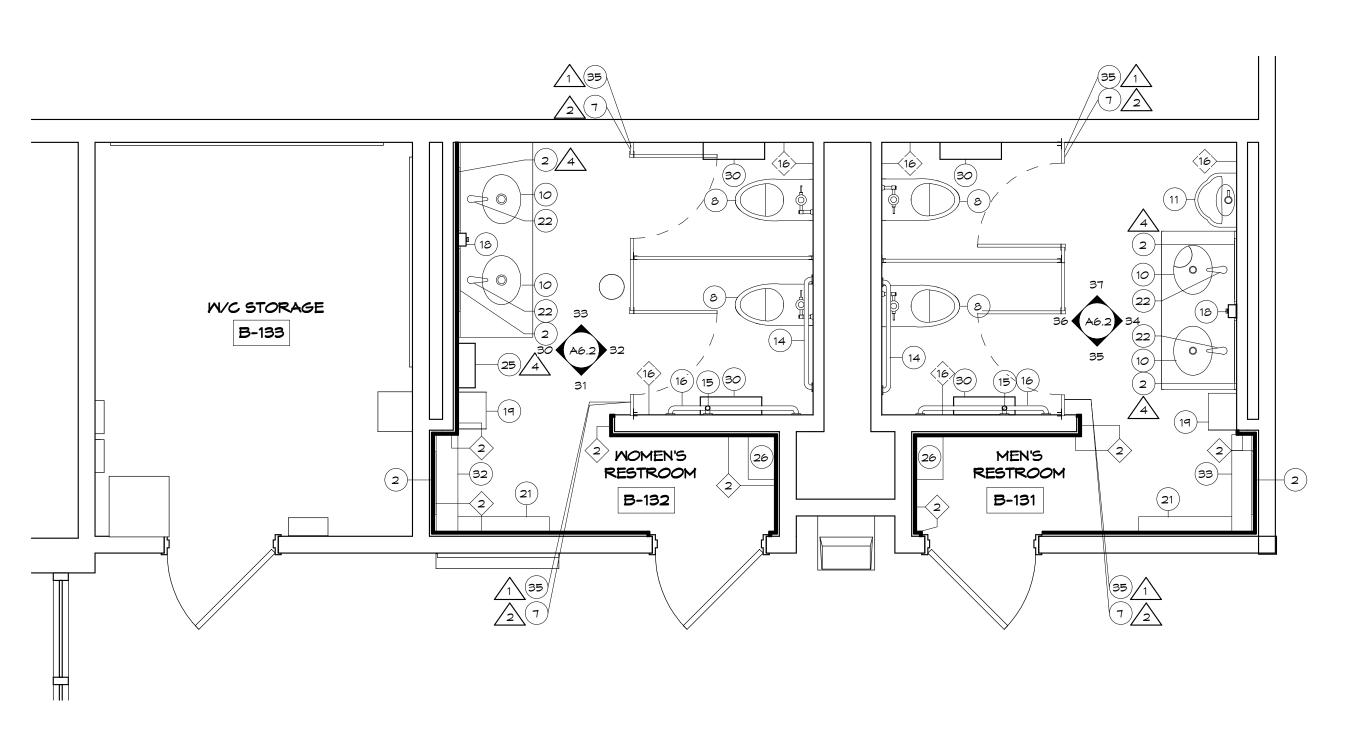
FIRST FLOOR PLAN (THEATER) ADD ALTERNATE

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



SECOND FLOOR PLAN (COMMON) ADD ALTERNATE

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



FIRST FLOOR PLAN (COMMON) ADD ALTERNATE

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



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CENTER

THEATER AND PROTOTYPE (COMMON) TOILET ROOM RENOVATIONS

FIRST AND SECOND FLOOR
NEW FLOOR PLAN - ADD
ALTERNATE

CONSTRUCTION DOCUMENTS

BHD

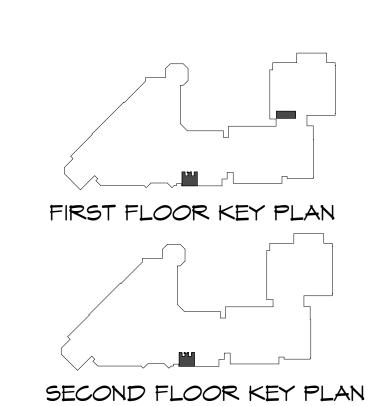
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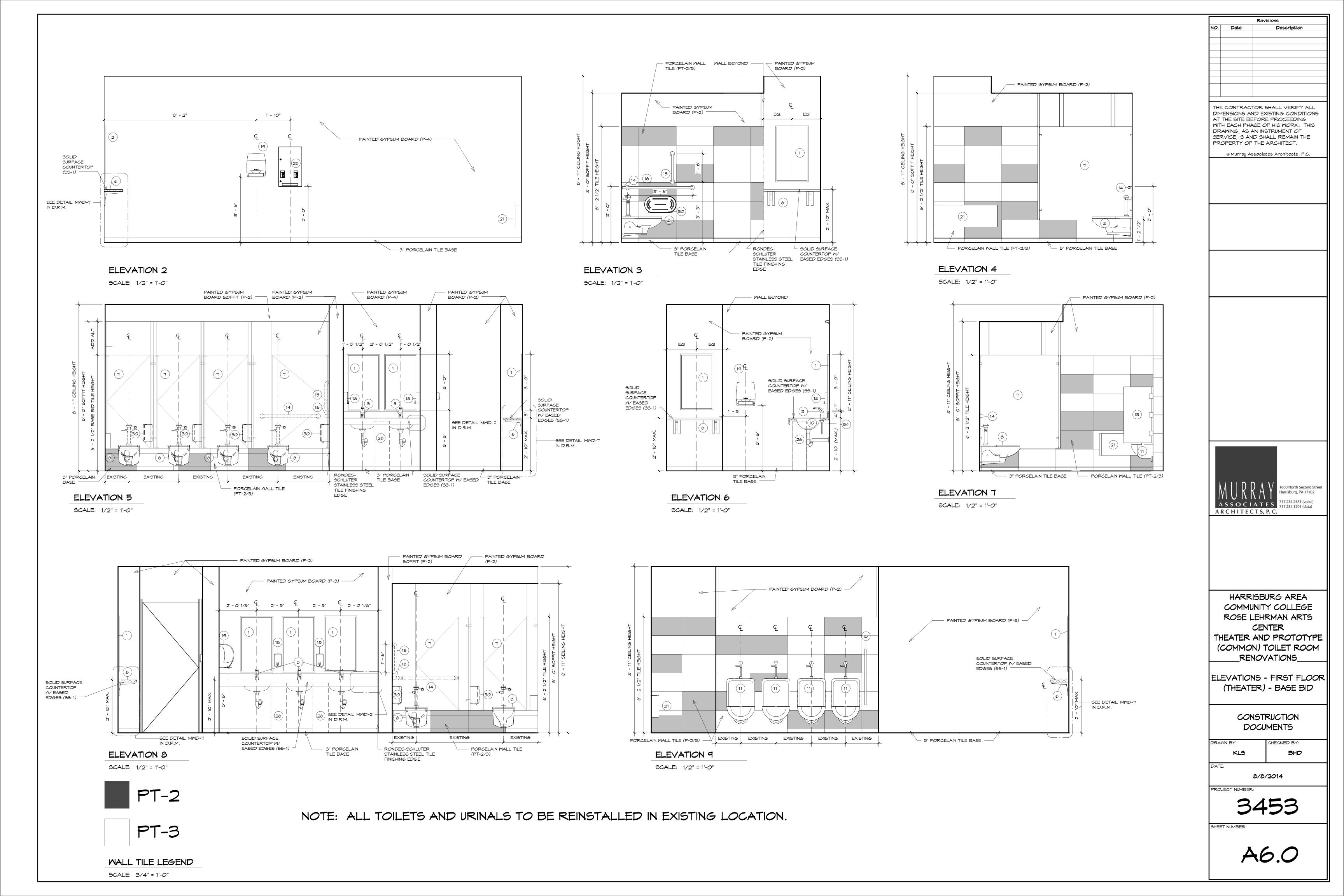
8/8/2014

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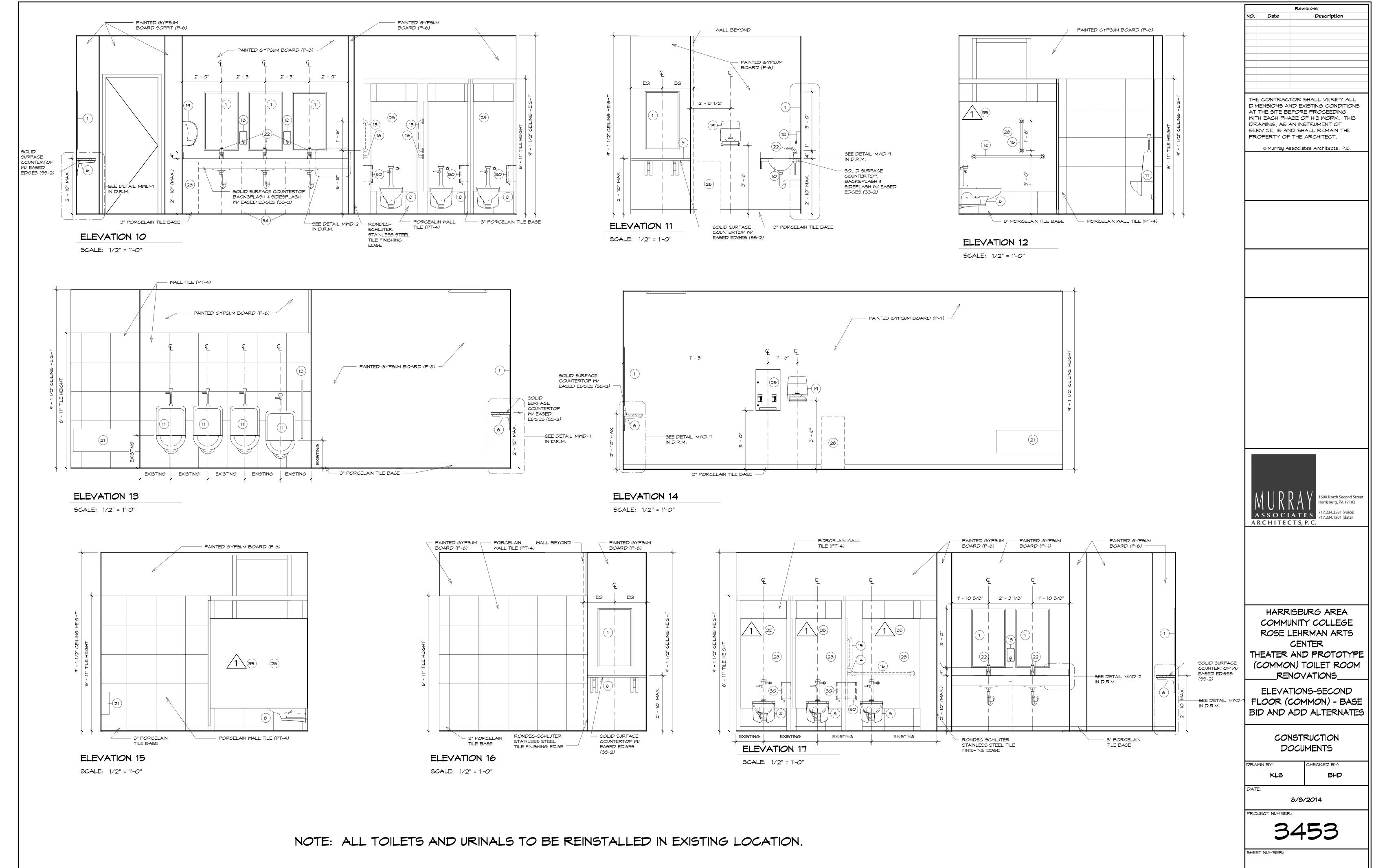
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A2.0.1

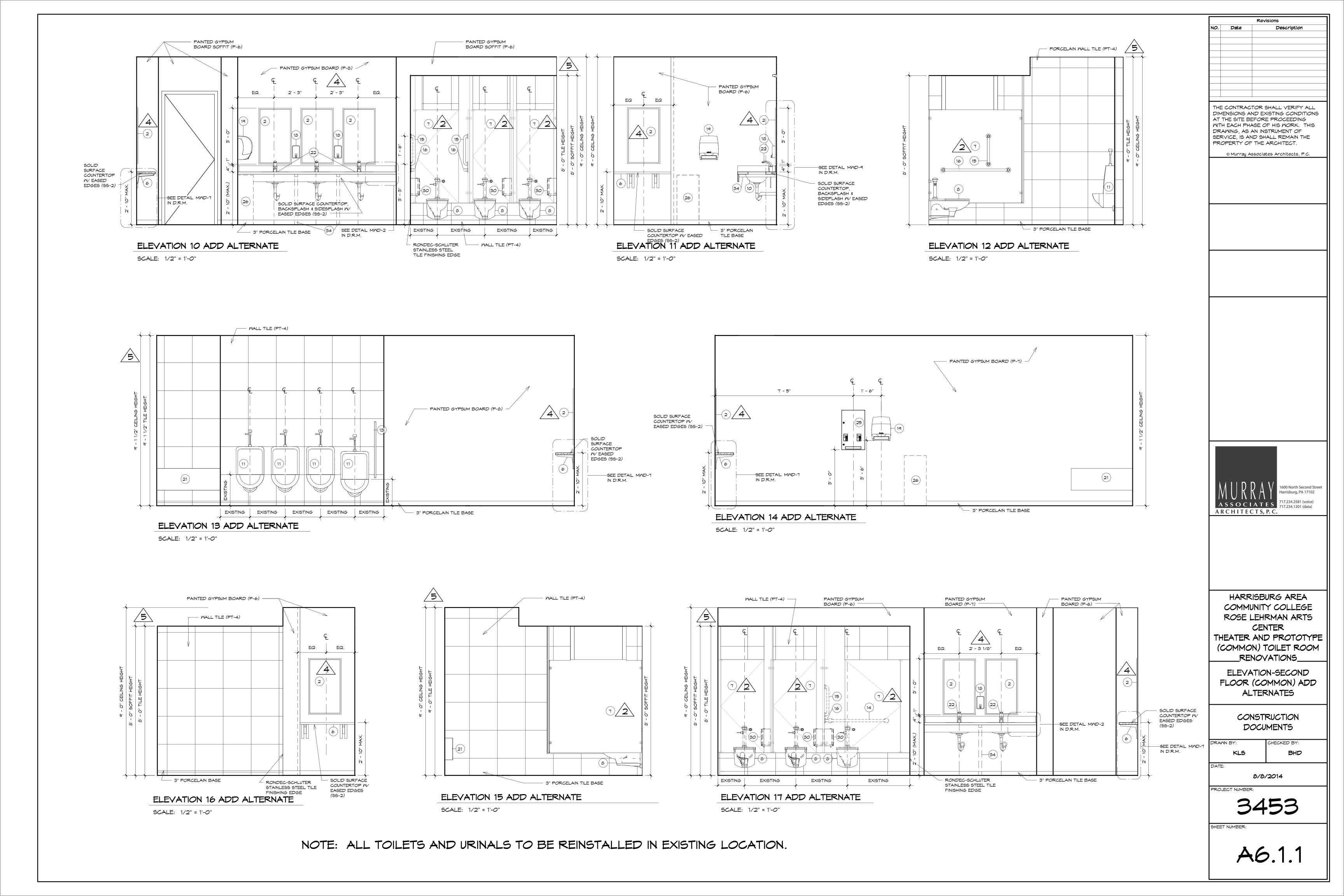




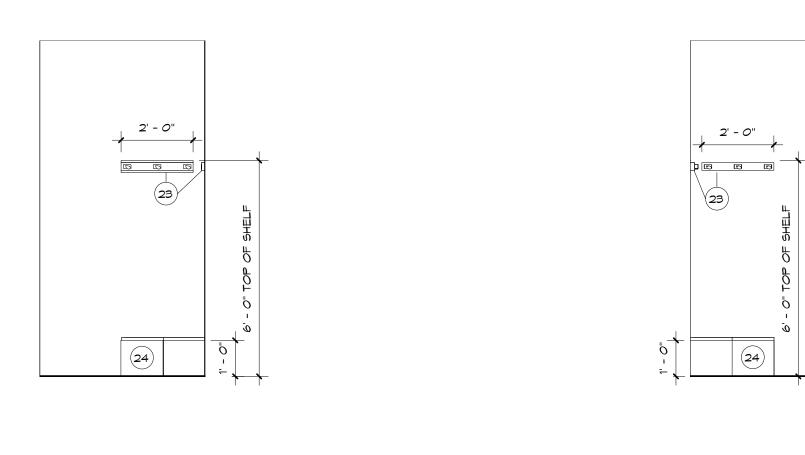




A6.1







ELEVATION 28

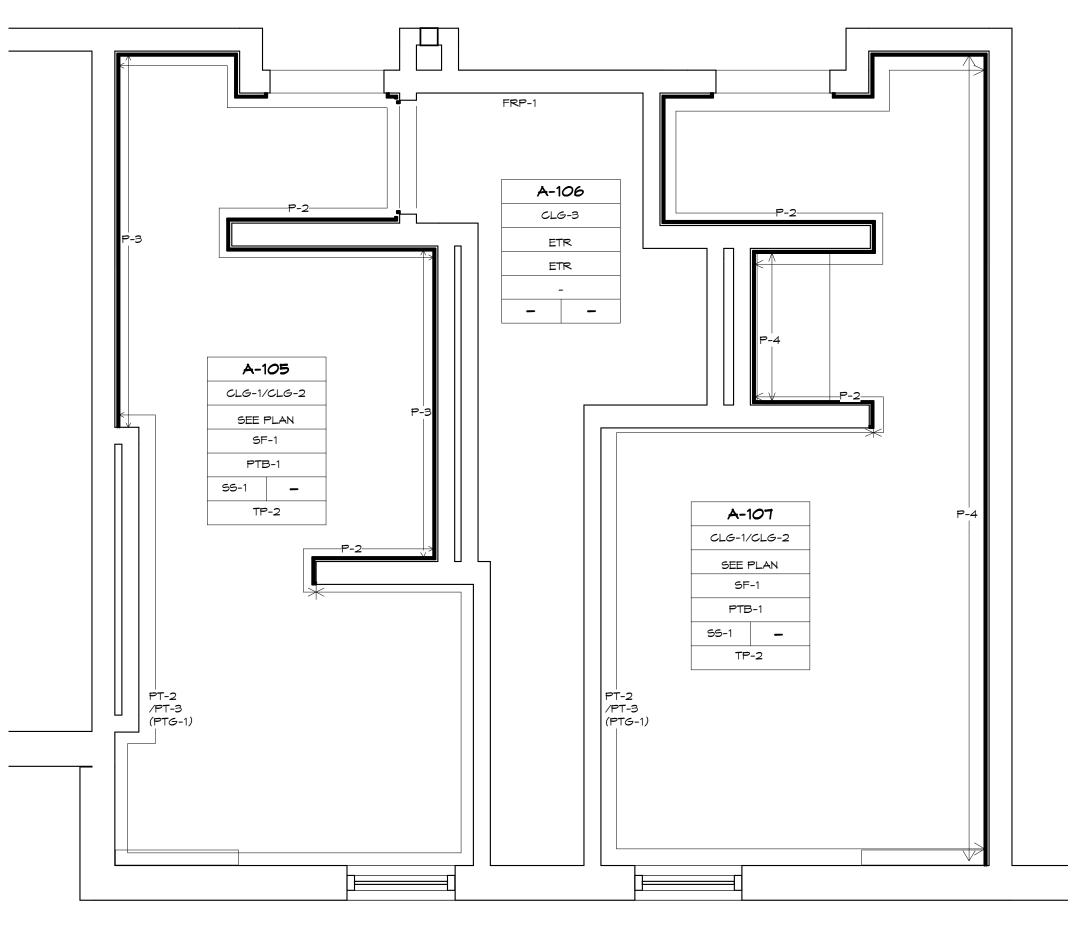
SCALE: 3/8" = 1'-0"

ELEVATION 29

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

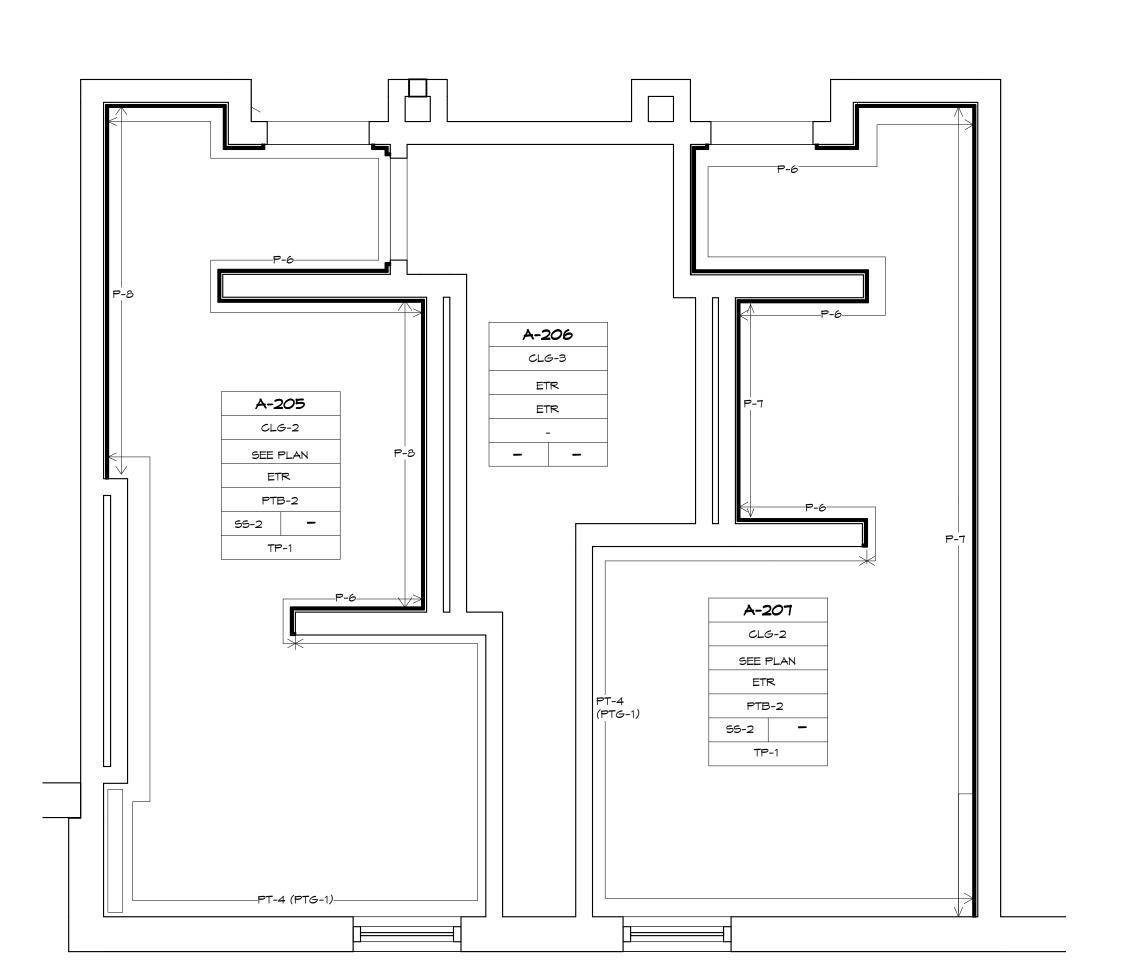
THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AT THE SITE BEFORE PROCEEDING WITH EACH PHASE OF HIS WORK. THIS DRAWING, AS AN INSTRUMENT OF SERVICE, IS AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT. © Murray Associates Architects, P.C. 1600 North Second Street Harrisburg, PA 17102 ASSOCIATES 77 717.234.2581 (voice) 717.234.1201 (data) HARRISBURG AREA COMMUNITY COLLEGE ROSE LEHRMAN ARTS CENTER THEATER AND PROTOTYPE (COMMON) TOILET ROOM _RENOVATIONS_ ELEVATIONS - FIRST FLOOR CONSTRUCTION DOCUMENTS BHD 8/8/2014 3453

A6.2.1



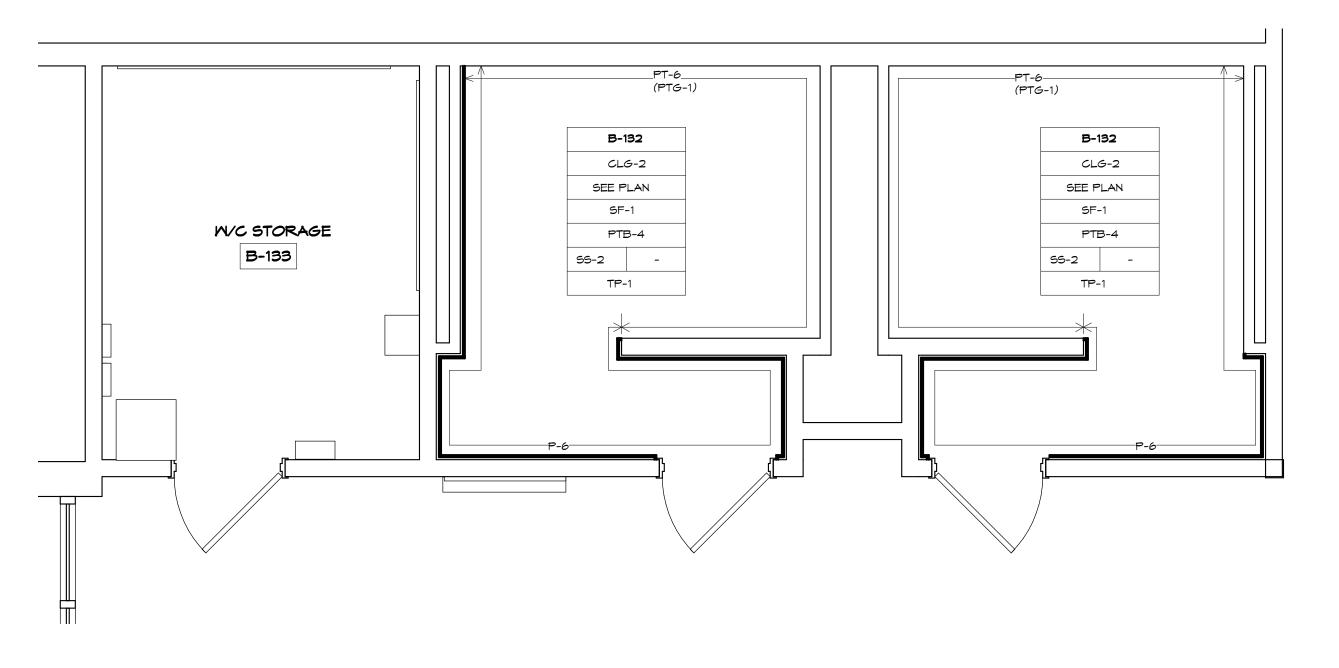
FIRST FLOOR FINISH PLAN (THEATER)

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



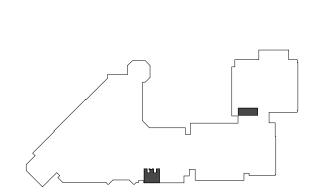
SECOND FLOOR FINISH PLAN (COMMON)

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

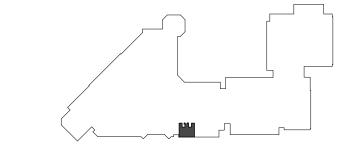


FIRST FLOOR FINISH PLAN (COMMON)

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



FIRST FLOOR KEY PLAN



SECOND FLOOR KEY PLAN

NO. Date Description

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ARCHITECTS, P. C.

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717.234.2581 (voice) 717.234.1201 (data)

HARRISBURG AREA COMMUNITY COLLEGE ROSE LEHRMAN ARTS CENTER

THEATER AND PROTOTYPE (COMMON) TOILET ROOM RENOVATIONS

FLOOR PLAN FINISHES-BASE BID

CONSTRUCTION DOCUMENTS

BHD

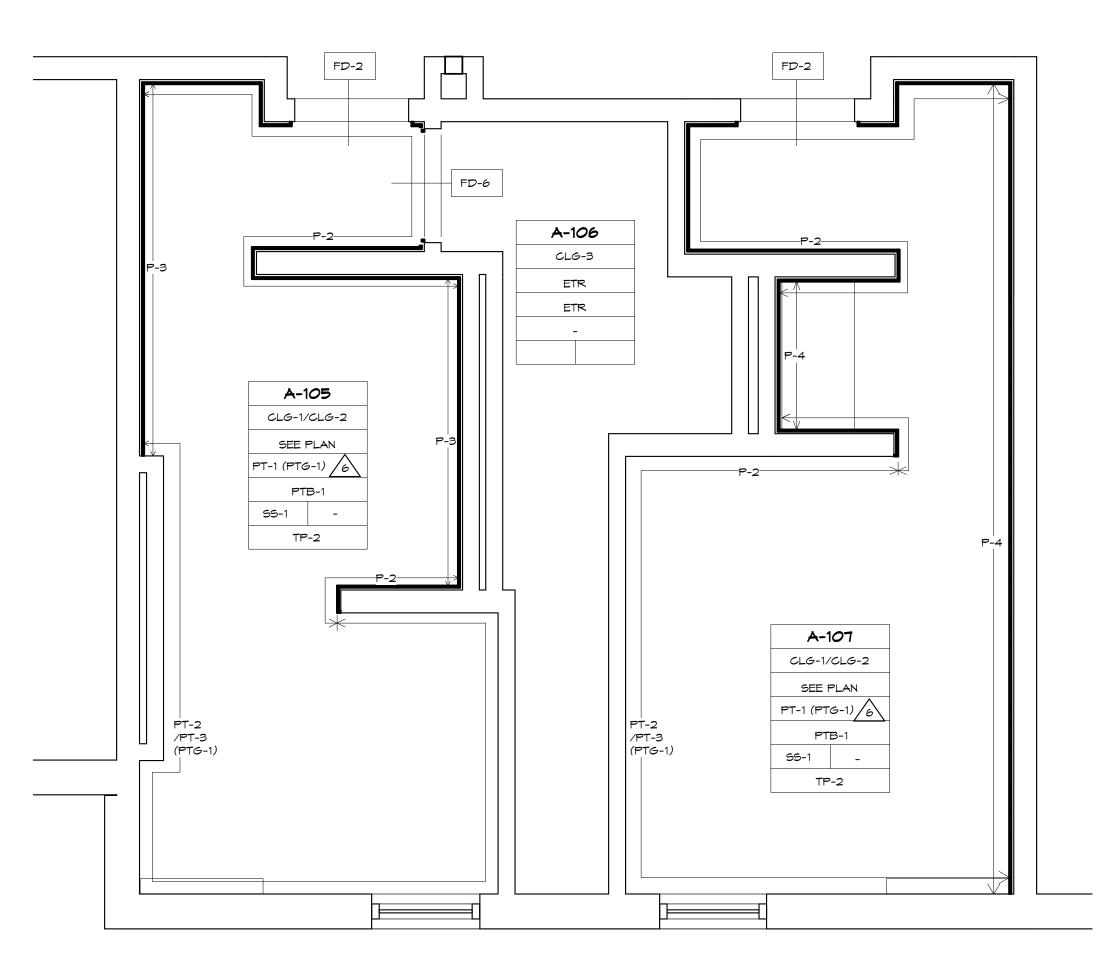
AWN BY: CHEC

8/8/2014

3453

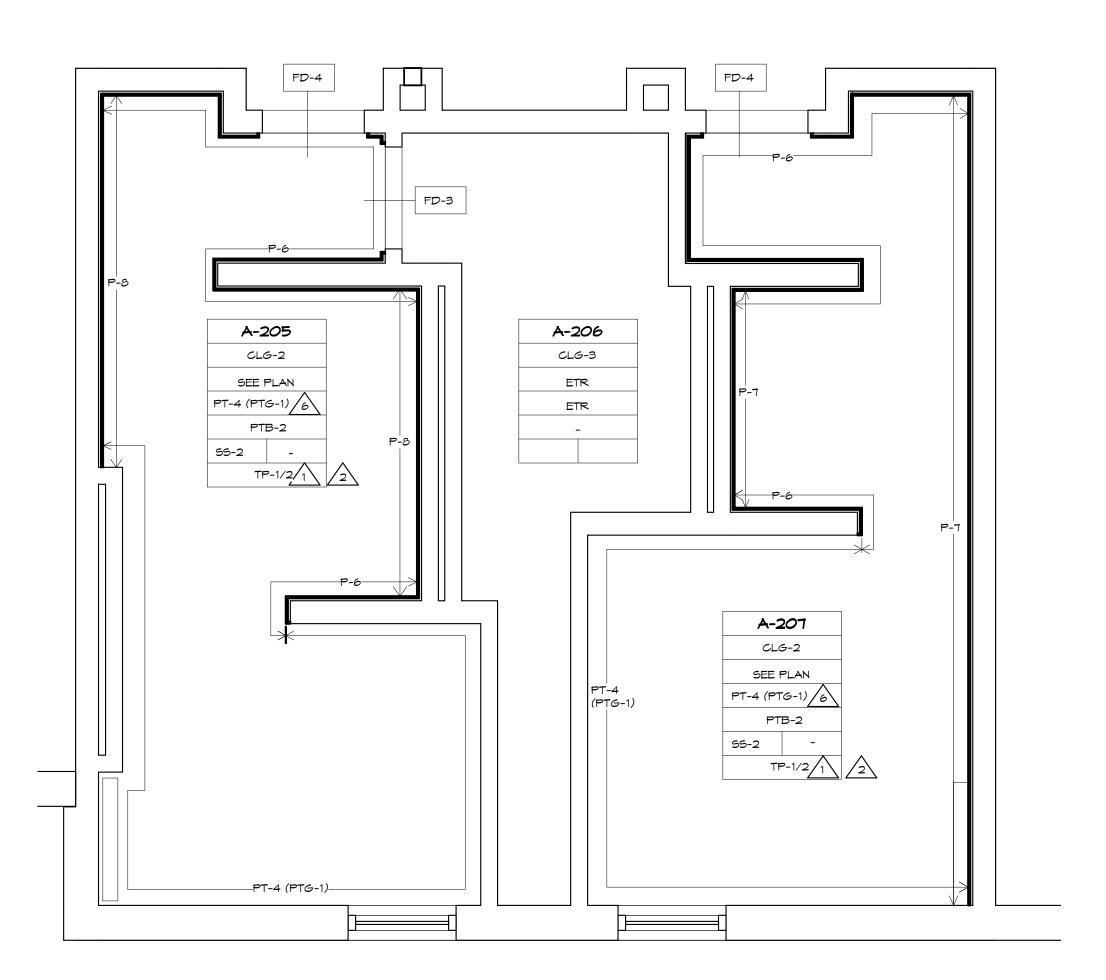
SHEET NUMBER.

A7.0



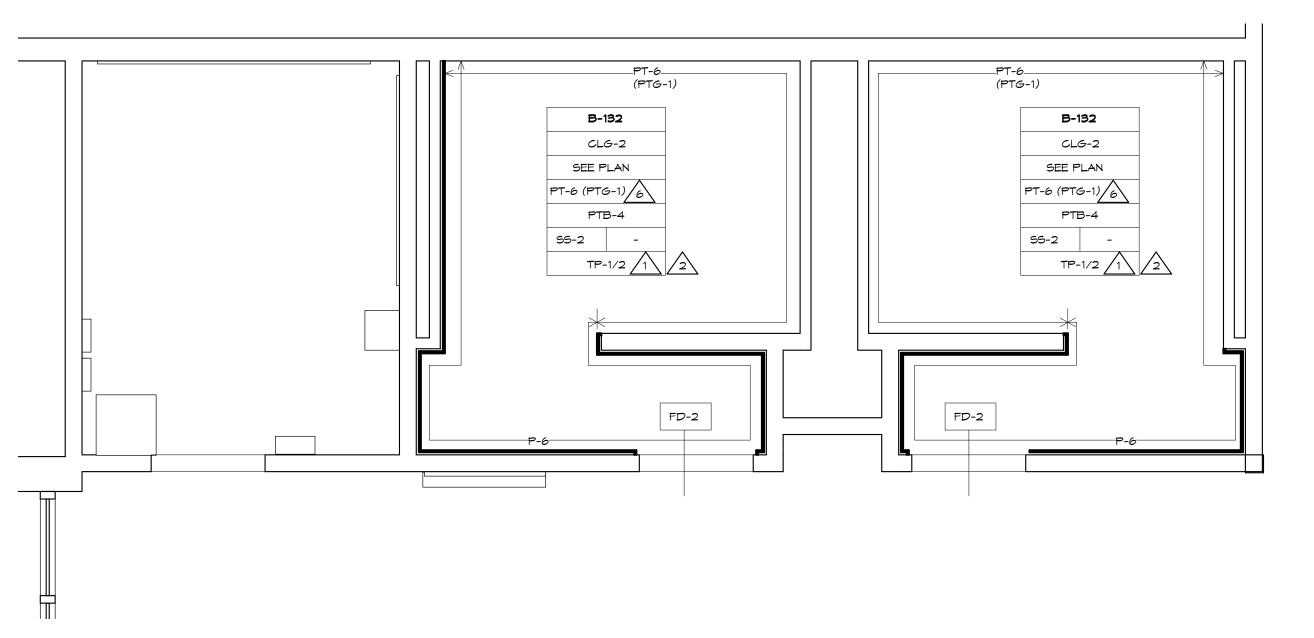
FIRST FLOOR FINISH PLAN - (THEATER) ADD ALTERNATE

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



SECOND FLOOR FINISH PLAN (COMMON) ADD ALTERNATE

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



FIRST FLOOR FINISH PLAN (COMMON) ADD ALTERNATE

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

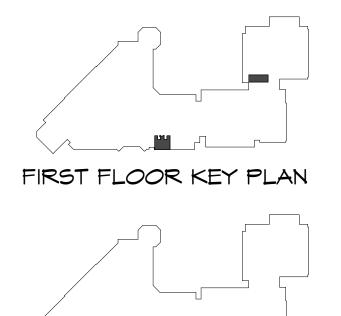
NOTES:

1

INCLUDES CLG-2 (ACT)

2

INCLUDES CLG-1 (GYPSUM), CLG-2(ACT)



SECOND FLOOR KEY PLAN

THE CONTRACTOR SHALL VERIFY ALL
DIMENSIONS AND EXISTING CONDITIONS
AT THE SITE BEFORE PROCEEDING

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ROSE LEHRMAN ARTS
CENTER

THEATER AND PROTOTYPE
(COMMON) TOILET ROOM
RENOVATIONS

FLOOR PLAN FINISHES -ADD ALTERNATE

CONSTRUCTION DOCUMENTS

BHD

DRAWN BY: CHE

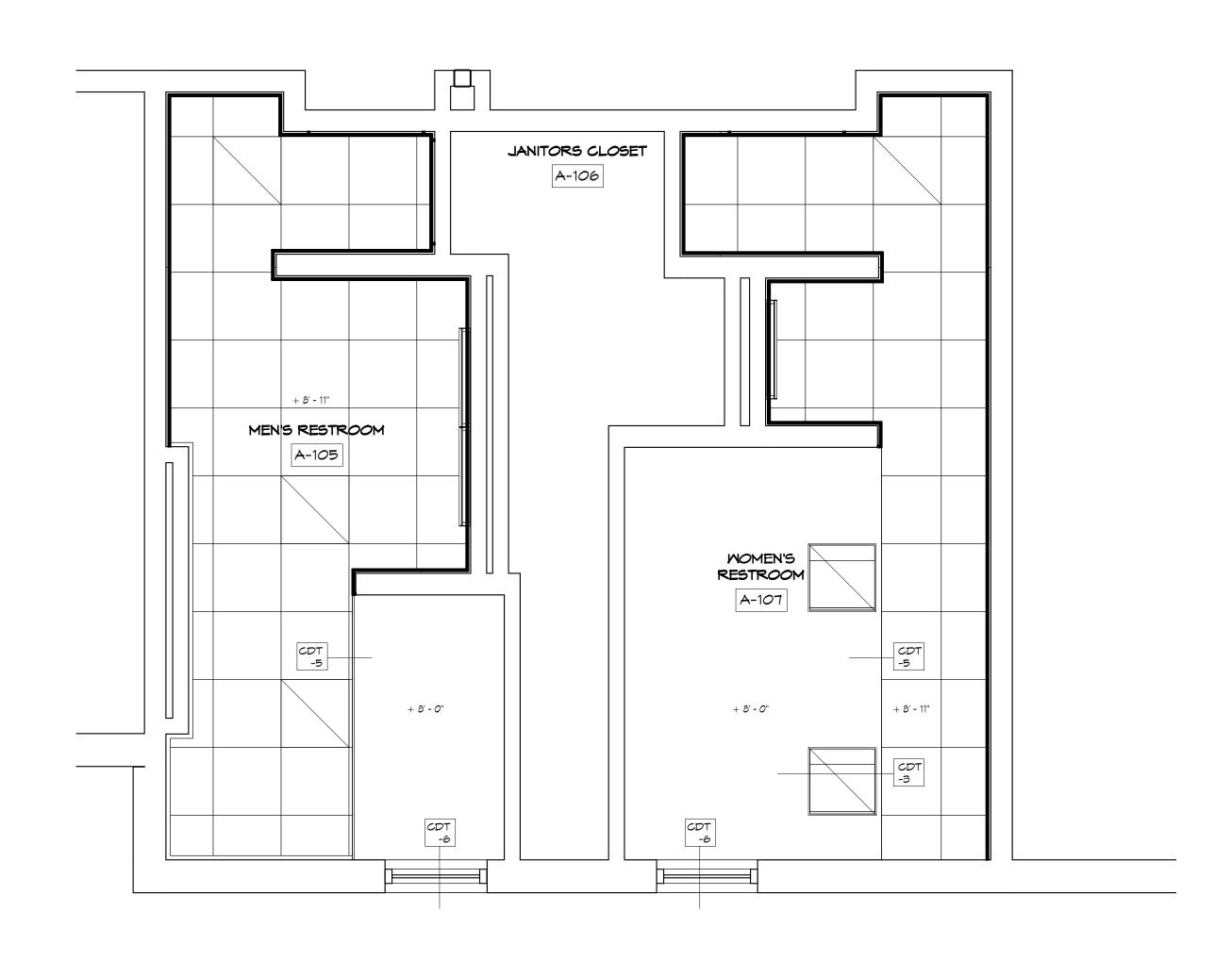
8/8/2014

PROJECT NUMBER:

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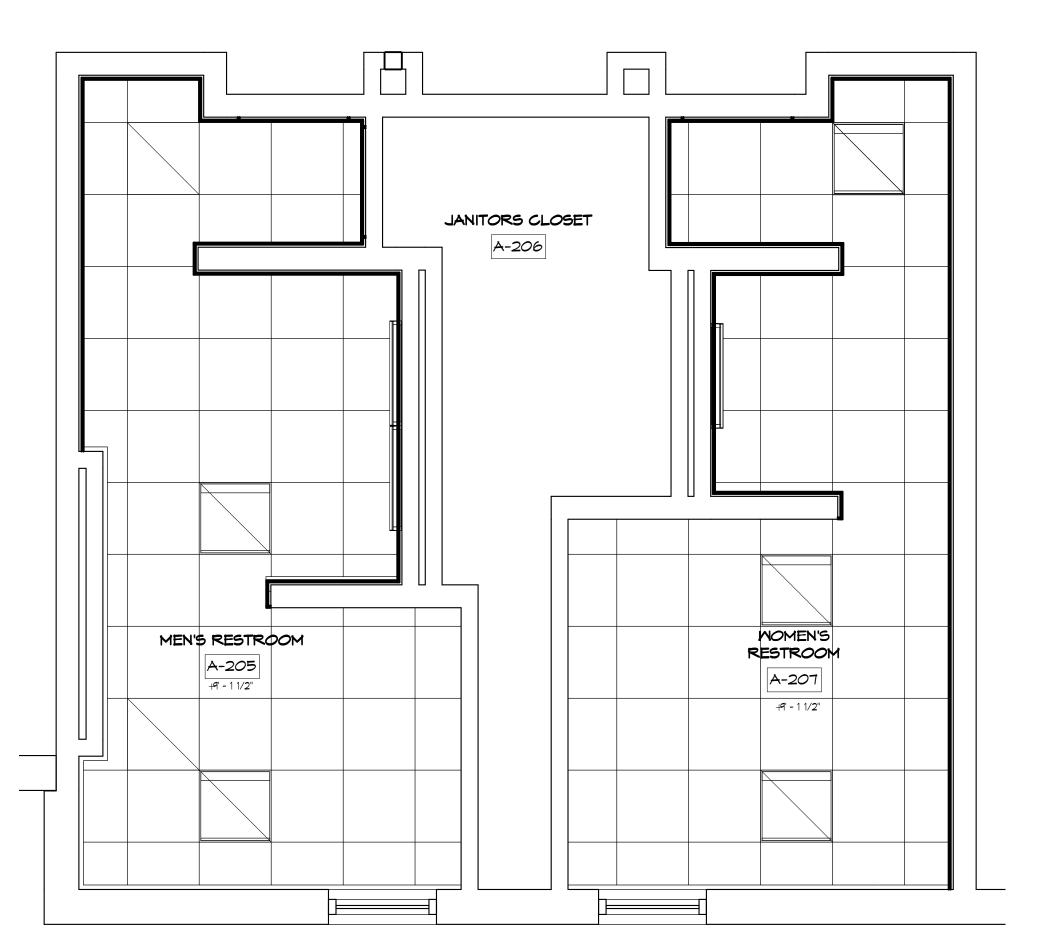
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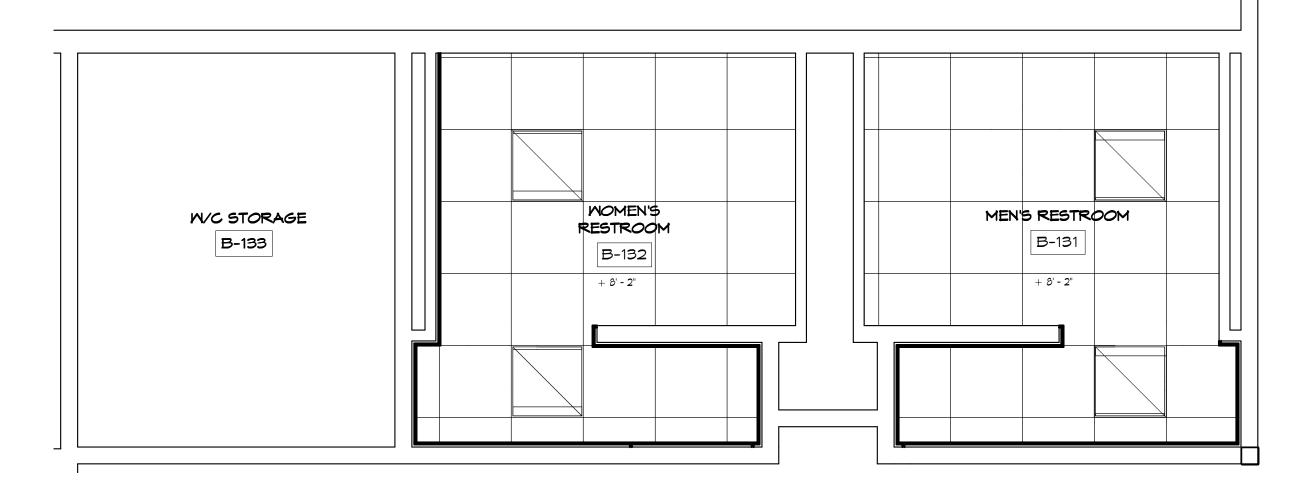
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FIRST FLOOR PLAN (THEATER)

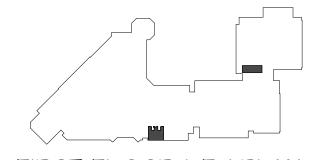
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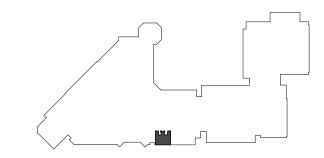


FIRST FLOOR PLAN (COMMON)

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



FIRST FLOOR KEY PLAN



SECOND FLOOR KEY PLAN

NO. Date Description

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THEATER AND PROTOTYPE
(COMMON) TOILET ROOM
RENOVATIONS

CEILING PLANS - BASE BID

CONSTRUCTION DOCUMENTS

BHD

DRAWN BY: CHEC

8/8/2014

PROJECT NUMBER:

3453

SHEET NIIMBER

A9.0



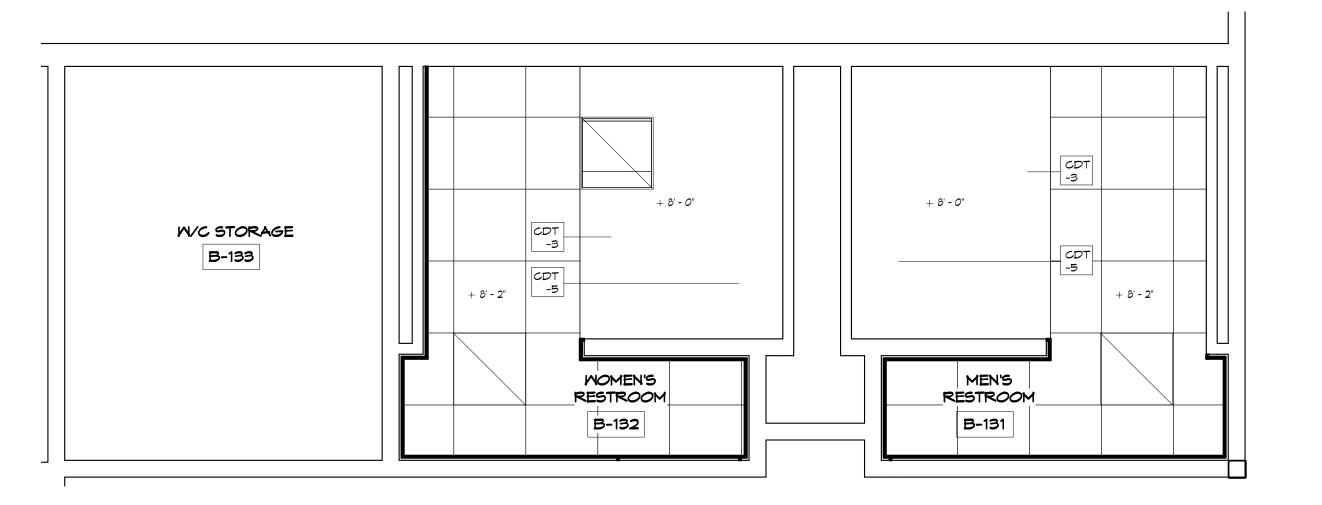
FIRST FLOOR PLAN (THEATER) ADD ALTERNATE

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



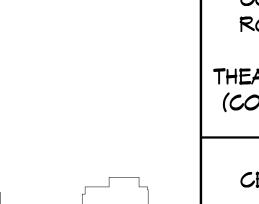
SECOND FLOOR PLAN (COMMON) ADD ALTERNATE

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

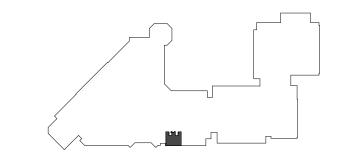


FIRST FLOOR PLAN - ADD ALTERNATE (COMMON)

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



FIRST FLOOR KEY PLAN



SECOND FLOOR KEY PLAN

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THEATER AND PROTOTYPE (COMMON) TOILET ROOM _RENOVATIONS_

CEILING PLANS - ADD ALTERNATE

CONSTRUCTION DOCUMENTS

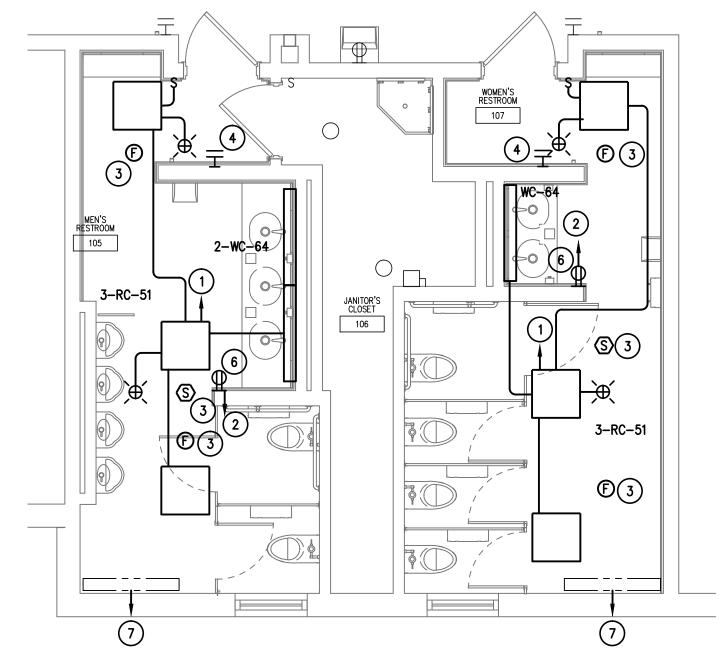
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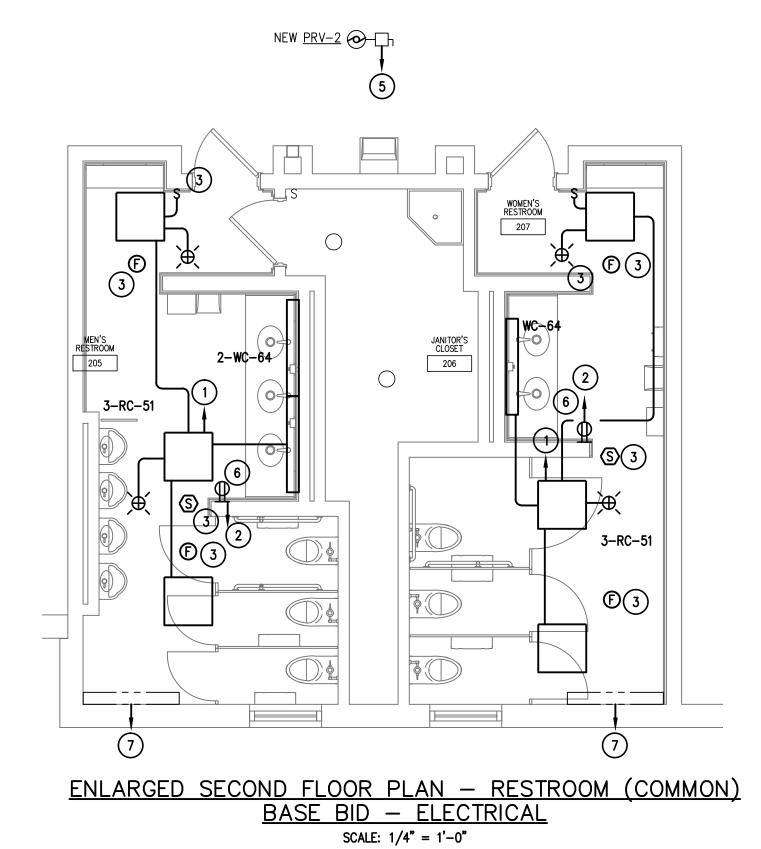
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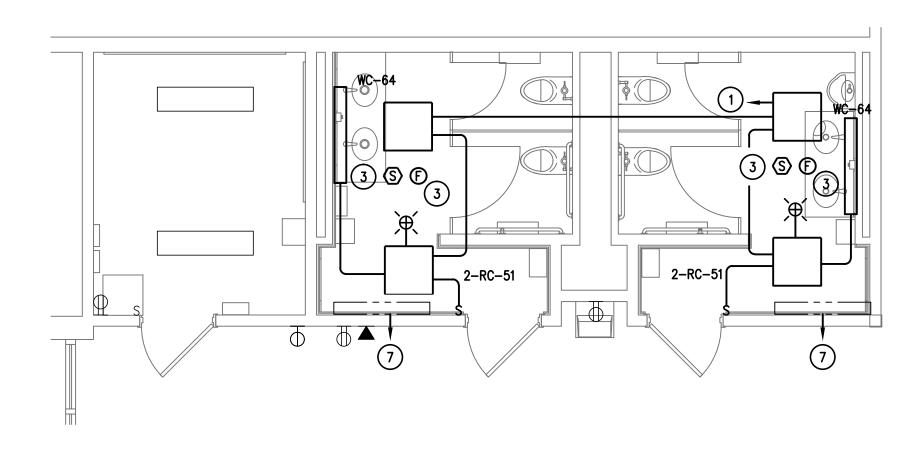
3453

A9.0.1



ENLARGED FIRST FLOOR PLAN - RESTROOM (THEATRE) BASE BID - ELECTRICAL SCALE: 1/4" = 1'-0"





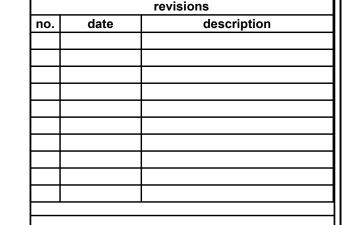
ENLARGED FIRST FLOOR PLAN - RESTROOM BASE BID - ELECTRICAL SCALE: 1/4" = 1'-0"

GENERAL NOTES

- 1. CONNECT NEW FIRE ALARM DEVICES INTO EXISTING FIRE ALARM SYSTEM IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. NEW DEVICES SHALL MATCH EXISTING.
- 2. OCC. SENSORS LOCATED WITHIN ONE SPACE SHALL TURN OFF/ON ALL FIXTURES LOCATED WITHIN THAT ROOM.

DRAWING NOTES

- 1 RECONNECT INTO EXISTING LIGHTING CIRCUIT SERVING THIS AREA; CONNECT WITH 2#12, 1#12G. - 3/4"C.
- RECONNECT INTO EXISTING 120V CIRCUIT PREVIOUSLY SERVING THIS DEVICE; CONNECT WITH 2#12, 1#12G. - 3/4°C.
- RELOCATED DEVICE. MODIFY / EXTEND EXISTING WIRING AND CONDUIT TO ACCOMMODATE RELOCATED LOCATION.
- RELOCATED PUSHBUTTON FOR DOOR OPENER. MODIFY / EXTEND EXISTING WIRING TO ACCOMMODATE NEW LOCATION. REWIRE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. (BASE BID).
- MODIFY / EXTEND EXISTING WIRING AND CONDUIT TO ACCOMMODATE NEW DEVICE.
- 6 REUSE EXISTING BACKBOX MOUNTED AT 1'-0" BELOW FINISHED CEILING.
- 7 MODIFY / EXTEND EXISTING WIRING AND CONDUIT TO ACCOMMODATE REINSTALLED ELEC. WALL HTR.



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TOILET RENOVATIONS ROSE LEHRMAN ARTS **CENTER** 1 HACC DRIVE HARRISBURG, PA 17110

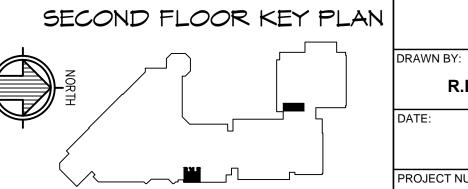
FIRST & SECOND FLOOR PLANS - BASE **BID - ELECTRICAL**

CHECKED BY:

J.C.

CONSTRUCTION **DOCUMENTS**

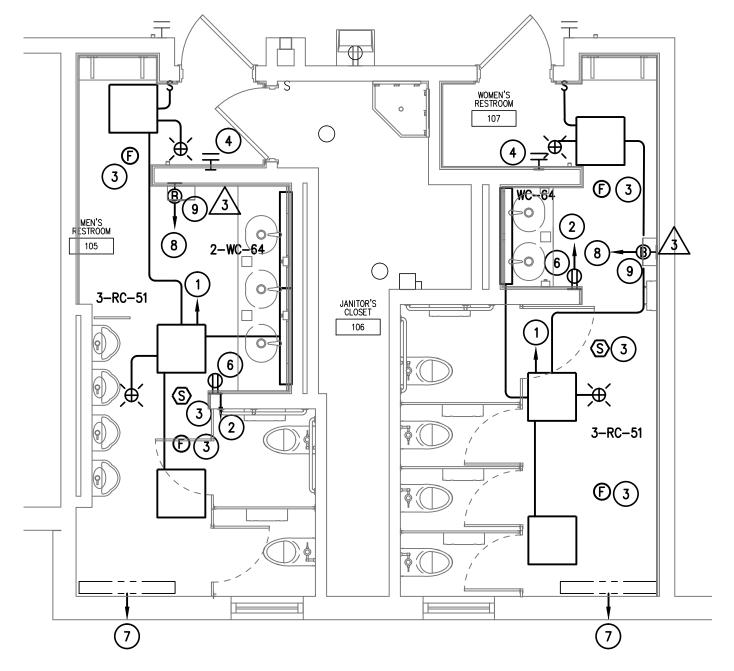
R.H.

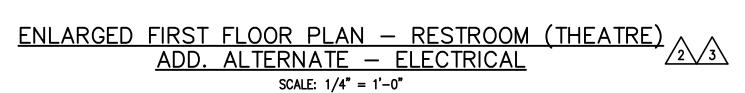


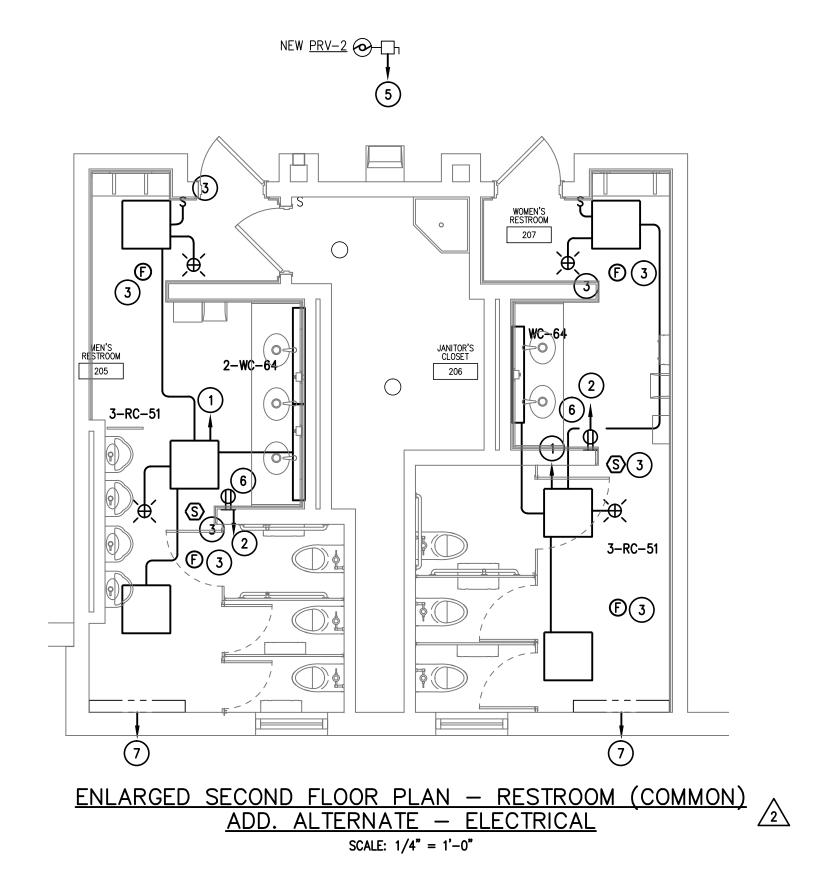
FIRST FLOOR KEY PLAN

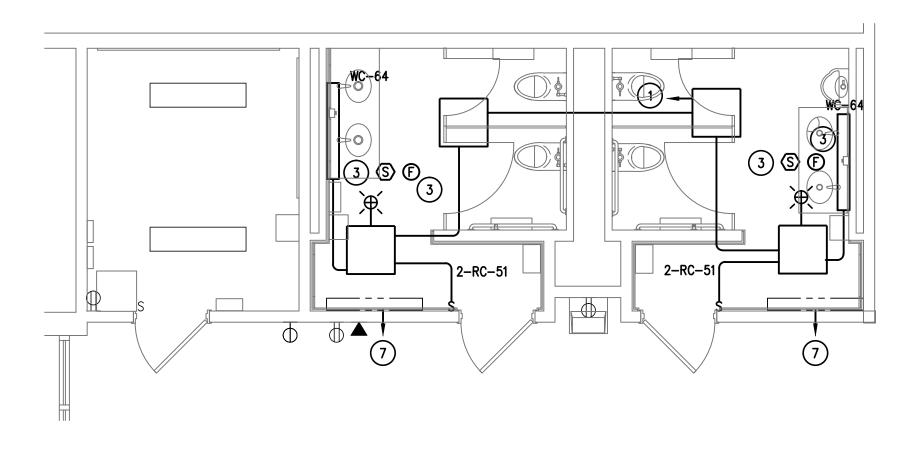


08/08/14 PROJECT NUMBER: 3453









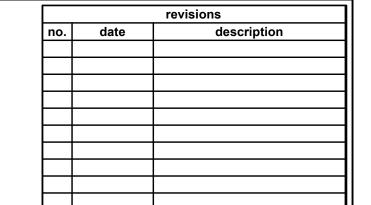
ENLARGED FIRST FLOOR PLAN — RESTROOM ADD. ALTERNATE — ELECTRICAL SCALE: 1/4" = 1'-0"

GENERAL NOTES

- 1. CONNECT NEW FIRE ALARM DEVICES INTO EXISTING FIRE ALARM SYSTEM IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. NEW DEVICES SHALL MATCH EXISTING.
- 2. OCC. SENSORS LOCATED WITHIN ONE SPACE SHALL TURN OFF/ON ALL FIXTURES LOCATED WITHIN THAT ROOM.

DRAWING NOTES

- 1 RECONNECT INTO EXISTING LIGHTING CIRCUIT SERVING THIS AREA; CONNECT WITH 2#12, 1#12G. 3/4"C.
- RECONNECT INTO EXISTING 120V CIRCUIT PREVIOUSLY SERVING THIS DEVICE; CONNECT WITH 2#12, 1#12G. 3/4"C.
- RELOCATED DEVICE. MODIFY / EXTEND EXISTING WIRING AND CONDUIT TO ACCOMMODATE RELOCATED LOCATION.
- RELOCATED PUSHBUTTON FOR DOOR OPENER. MODIFY / EXTEND EXISTING WIRING TO ACCOMMODATE NEW LOCATION. REWIRE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. (BASE BID).
- MODIFY / EXTEND EXISTING WIRING AND CONDUIT TO ACCOMMODATE NEW DEVICE.
- 6 REUSE EXISTING BACKBOX MOUNTED AT 1'-0" BELOW FINISHED CEILING.
- 7 MODIFY / EXTEND EXISTING WRING AND CONDUIT TO ACCOMMODATE REINSTALLED ELEC. WALL HTR.
- 8 CONNECT TO EXISTING PANEL 'RP'.
 PROVIDE NEW 20A-SP CIRCUIT BREAKER
 & CONNECT WITH 2#12, 1#12G. 3/4"C.
 CONTRACTOR SHALL FIELD VERIFY
 LOCATION OF PANEL. (MFGR. SQUARE D;
 MODEL # NQOD). ALTERNATE BID #3.
- 9 COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH G.C. PRIOR TO ROUGH-IN.



THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AT THE SITE BEFORE PROCEEDING WITH EACH PHASE OF HIS WORK. THIS DRAWING, AS AN INSTRUMENT OF SERVICE, IS AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT.

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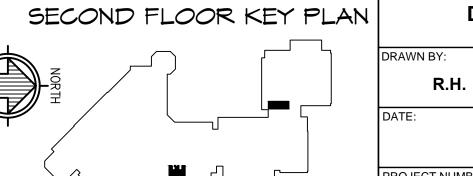
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FIRST & SECOND FLOOR PLANS - ADD. ALT. - ELECTRICAL

CHECKED BY:

J.C.

CONSTRUCTION DOCUMENTS



FIRST FLOOR KEY PLAN



08/08/14

PROJECT NUMBER:

3453

E1.1A

GENERAL ELECTRICAL DEMOLITION NOTES

- 1. THE DEMOLITION DRAWINGS ARE DIAGRAMATIC IN NATAURE AND ARE INTENDED TO REPRESENT ONLY THE GENERAL SCOPE OF DEMOLITION; NEITHER THE DEMOLITION DRAWINGS OR NOTES SHALL BE CONSIDERED AS ALL INCLUSIVE. THE CONTRACTOR SHALL REVIEW THE EXISTING FACILITY, ALONW WITH THE DEMOLITION DRAWINGS, AND SHALL BE RESPONSIBLE TO DETERMINE THE EXACT EXTENT OF ELECTRICAL DEMOLITION WORK REQUIRED TO FULFILL THE INTENT OF THE CONTRACT DOCUMENTS.
- 2. DISCONNECT, REMOVE AND/OR RELOCATE EXISTING EQUIPMENT AS SHOWN ON THE DRAWINGS OR AS MAY BE NECESSARY TO ACCOMPLISH THE PROJECT INTENT. NO ADDITIONAL CLAIMS SHALL BE MADE FOR DEMOLITION WORK NOT SPECIFICALLY INDICATED OR SPECIFIED, BUT WHICH IS INCIDENTAL TO THE COMPLETION OF THE PROJECT.
- 3. UNLESS NOTED OTHERWISE, REMOVE ALL EXISTING CONDUIT AND WIRING BEING ABANDONED. EXISTING CONDUIT IN GOOD CONDITION AND LOCATED CORRECTLY TO ACCOMMODATE THE NEW WORK, MAY REMAIN IN PLACE AND
- 4. PERMANENTLY RELOCATE OR EXTEND EXISTING CIRCUITS WHICH ARE NOT BEING ABANDONED AS REQUIRED TO ACCOMMODATE THE NEW WORK AND MAINTAIN CIRCUIT INTEGRITY.
- 5. FOR STANDARD SINGLE OR DOUBLE-GANG EXISTING ELECTRICAL BOXES, PROVIDE FINISHED BLANK COVERPLATES WHERE SUCH BOXES ARE ABANDONED IN PLACE. ALL LARGER AND/OR NONSTANDARD SIZE BOXES (I.E. FIRE ALARM PULL STATIONS, CLOCKS, SPEAKERS, ETC.) SHALL BE REMOVED AND THE WALL OPENING REPAIRED TO MATCH EXISTING SURROUNDING SURFACE.
- 6. PERFORM ALL DEMOLITION WORK WITH CARE AND PROTECT PORTIONS OF THE EXISTING INSTALLATION THAT ARE TO REMAIN FROM DAMAGE. DAMAGE TO EXISTING BUILDING EQUIPMENT, SYSTEMS, FINISHES, ETC. SO INCURRED SHALL BE REPAIRED BY THIS CONTRACTOR, AT NO ADDITIONAL
- 7. RESTORE DAMAGED OR DEFACED WORK REMAINING IN PLACE TO ITS ORIGINAL CONDITION.
- 8. DO NOT CUT, ALTER OR REMOVE STRUCTURAL MEMBERS OF THE BUILDING WITHOUT PRIOR APPROVAL OF THE ARCHITECT.
- 9. PROVIDE AND MAINTAIN DUST AND SAFETY BARRIERS AS REQUIRED BY PUBLIC HEALTH AND SAFETY REGULATIONS.
- 10. COORDINATE DEMOLTION WORK WITH ALL OTHER TRADES.
- 11. THE OWNER SHALL HAVE FIRST CHOICE TO RETAIN OWNERSHIP OF ANY EXISTING EQUIPMENT OR MATERIALS BEING REMOVED. DELIVER ITEMS TO BE SALVAGED BY THE OWNER TO DESIGNATED STORAGE AREA ON SITE. EQUIPMENT AND MATERIALS REJECTED BY THE OWNER SHALL BECOME THE PROPERTY OF THIS CONTRACTOR AND SHALL BE PROMPTLY REMOVED FROM THE JOB SITE AND DISPOSED OF PROPERLY IN ACCORDANCE WITH APPLICABLE RULES AND REGULATIONS.
- 12. DEBRIS AND DEMOLISHED MATERIALS SHALL BE CLEARED FROM THE SITE AT REGULAR AND FREQUENT INTERVALS AND WHEN DIRECTED BY THE OWNER OR ARCHITECT. DO NOT ALLOW DEBRIS TO ACCUMULATE TO THE EXTENT THAT IT INTERFERES WITH WORK OR PASSAGE OF WORKMEN.
- 13. UNLESS OTHERWISE NOTED, DEVICES SHOWN DARKENED AND/OR DASHED ON THE DEMOLITION PLANS SHALL BE REMOVED IN THEIR ENTIRETY.
- 14. GIVE ADVANCE NOTICE TO THE OWNER WHEN WORK IS TO BE PERFORMED THAT COULD INTERRUPT OR AFFECT SERVICES TO OTHER AREAS OF THE BUILDING. OWNER'S POLICIES AND PROCEDURES RELATED TO BUILDING INTERRUPTIONS SHALL BE STRICTLY ADHERED TO.
- 15. REPAIR ALL OPENINGS IN BUILDING CONSTRUCTION WHERE CONDUIT. WIRING, ELECTRICAL BOXES, ETC. ARE REMOVED. REPAIRS SHALL UTILIZE SAME MATERIALS AS EXISTING SURROUNDING CONSTRUCTION. UNLESS NEW FINISH IS SPECIFIED TO BE PROVIDED UNDER THE GENERAL CONTRACT, FINISH REPAIRS TO MATCH EXISTING CONSTRUCTION.
- 16. EXISTING EQUIPMENT AND MATERIALS, REMOVAL OF WHICH IS NOT INDICATED BY THE CONTRACT DOCUMENTS OR REQUIRED TO ACCOMPLISH THE PROJECT INTENT, SHALL REMAIN UNLESS NOTED OTHERWISE.
- 17. REFER TO THE NEW WORK DRAWINGS FOR ADDITIONAL INFORMATION WHICH MAY AFFECT DEMOLITION WORK, PRIOR TO BEGINNING DEMOLITION.
- 18. ITEMS NOTED TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY, INCLUDING BUT NOT LIMITED TO ASSOCIATED WIRING, CONDUIT, HANGERS AND SUPPORTS. UNLESS NOTED OTHERWISE, REMOVE WIRING AND CONDUIT BACK TO SOURCE OR NEXT RETAINED OUTLET OR JUNCTION BOX ON SAME
- 19. THESE DEMOLITION NOTES ARE TYPCIAL FOR ALL ELECTRICAL DEMOLITION DRAWINGS.

	LIGHTING FIXTURE SCHEDULE											
					LAMPS							
TYPE	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	NO.	TYPE	VOLTS	MOUNTING	REMARKS				
RA-34	2X2 PRISMATIC FIXTURE	DAYBRITE	2TG8217R-01-UNV-1/2	2	F17T8	UNV	RECESSED	PROVIDE WITH APPROPRIATE CEILING FLANGE TO ACCOMMODATE CEILING TYPE				
RB-26	6" DOWNLIGHT WITH FACETTED DIAMOND CUT REFLECTOR	PEACHTREE	P-DLG-126	1	F26 DTT CF	UNV	RECESSED					
RC-51	2X2 PRISMATIC FIXTURE	DAYBRITE	2TG8317R-01-UNV-1/3	3	F17T8	UNV	RECESSED	PROVIDE WITH APPROPRIATE CEILING FLANGE TO ACCOMMODATE CEILING TYPE				
WC-64	DIRECT/INDIRECT WALL MOUNTED FIXTURE (ARIOSO)	DAY-BRITE	AVW232-PMW-UNV	2	F32T8	UNV	WALL					

ELECTRICAL SYMBOL LIST

---- DEMOLITION (DASHED LINES)

	CEILING LIGHT FIXTURE - NORMAL	Θ	SINGLE RECEPTACLE OUTLET
	CEILING LIGHT FIXTURE - NORMAL	\rightleftharpoons	DUPLEX RECEPTACLE OUTLET
О	WALL MOUNTED FIXTURE - NORMAL	\rightleftharpoons	DUPLEX RECEPTACLE OUTLET - GROUND FAULT
	WALL BRACKET LIGHT - NORMAL		C - DENOTES COUNTER HEIGHT MOUNTED
S	TOGGLE SWITCH (SINGLE POLE U.O.N.)	$^{\textcircled{B}\!$	BLANK OUTLET
\ _		$oldsymbol{\mathbb{B}}$	BLANK OUTLET - FLOOR MOUNTED
油	OCCUPANCY SENSOR - WALL MOUNTED	®	BLANK OUTLET - CEILING MOUNTED
⊕(OCCUPANCY SENSOR - CEILING MOUNTED (180°)	С	NEW WORK (THICK LINES)
) (OCCUPANCY SENSOR - CEILING MOUNTED (360°)		NEW WORK (THICK LINES)
/Ψ\	5333 5253 52 		EXISTING WORK (THIN LINES)

DATA OUTLET TELEVISION OUTLET

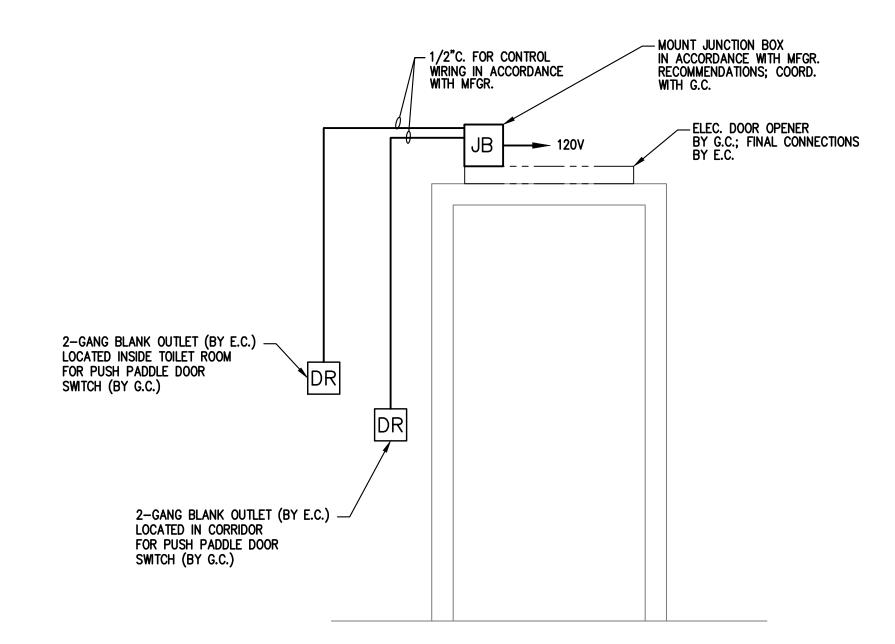
MOTOR/MOTOR CONNECTION PUSH PADDLE DOOR SWITCH

FIRE ALARM - VISUAL DEVICE (# INDICATES cd RATING) FIRE ALARM - AUDIBLE/VISUAL (# INDICATES cd RATING)

SMOKE DETECTOR

FIRE ALARM - CEILING MOUNTED AUDIBLE/VISUAL

FIRE ALARM — CEILING MOUNTED VISUAL DEVICE



ELECTRIC DOOR OPENER DETAIL NO SCALE



date

THE CONTRACTOR SHALL VERIFY ALL

EACH PHASE OF HIS WORK. THIS

DRAWING, AS AN INSTRUMENT OF

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DIMENSIONS AND EXISTING CONDITIONS

AT THE SITE BEFORE PROCEEDING WITH

description

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ELECTRICAL DETAILS, SYMBOLS & **SCHEDULES**

> CONSTRUCTION **DOCUMENTS**

> > J.C.

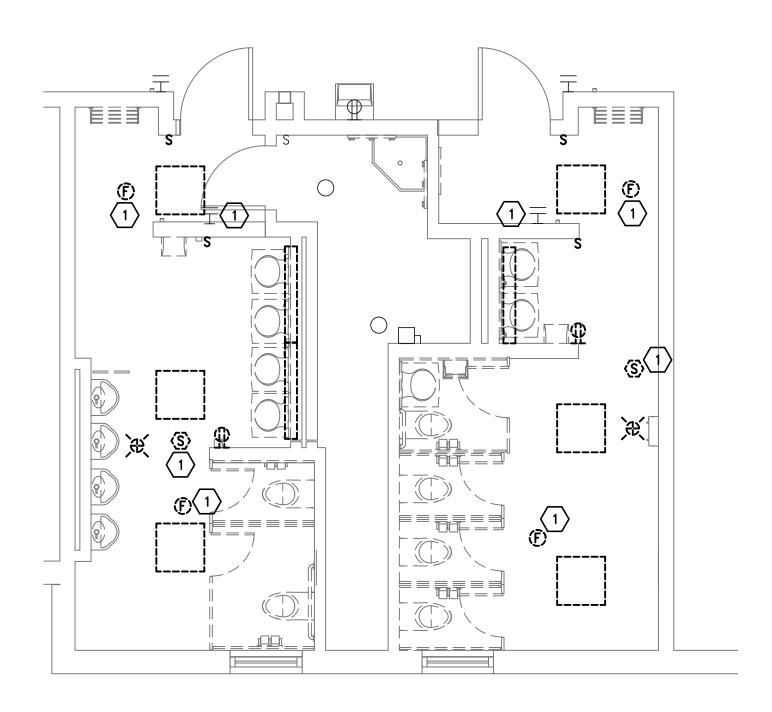
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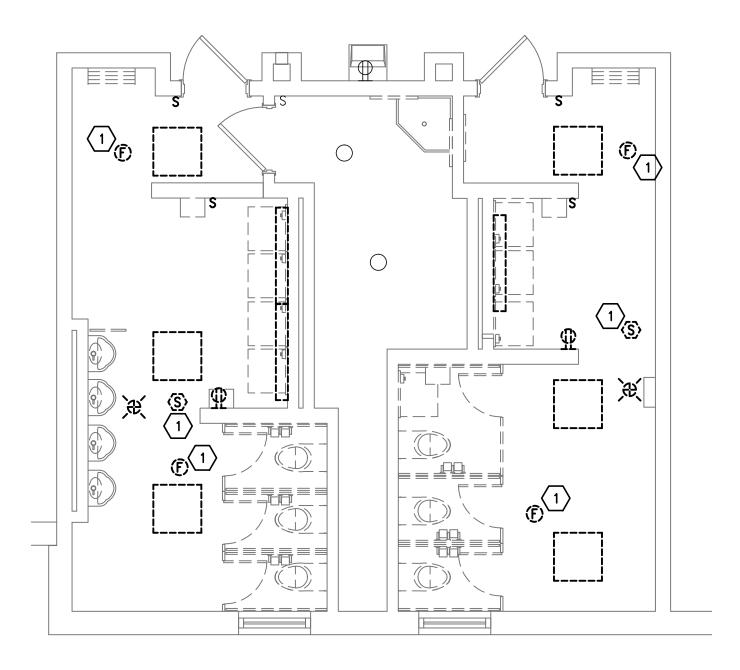




ENLARGED FIRST FLOOR PLAN — RESTROOM (THEATRE)

BASE BID — ELECTRICAL DEMOLITION

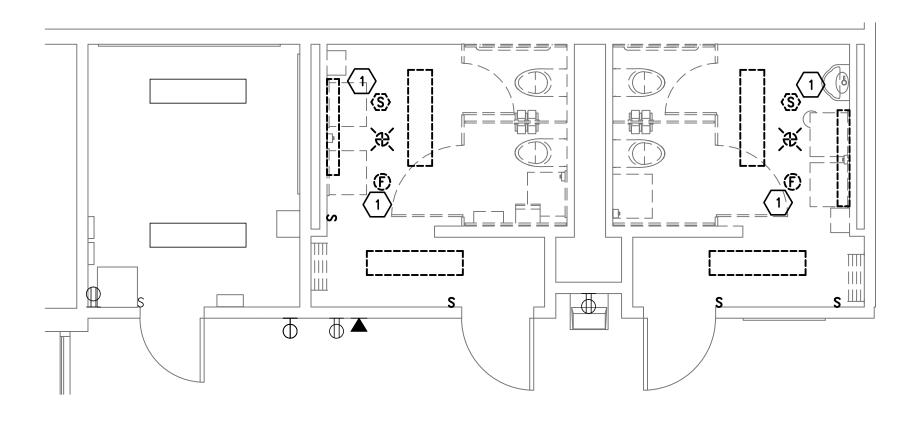
SCALE: 1/4" = 1'-0"



ENLARGED SECOND FLOOR PLAN — RESTROOM (COMMON)

BASE BID — ELECTRICAL DEMOLITION

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



ENLARGED FIRST FLOOR PLAN — RESTROOM

BASE BID — ELECTRICAL DEMOLITION

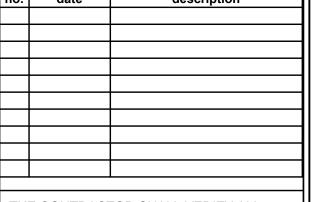
SCALE: 1/4" = 1'-0"

DEMOLITION NOTES

RELOCATE DEVICE. RETAIN AND REINSTALL IN ACCORDANCE WITH NEW WORK DRAWINGS.

GENERAL DEMO NOTES

1. MAINTAIN EXISTING BACKBOXES AND CONDUIT WHERE NEW DEVICES WILL BE INSTALLED AT THE SAME LOCATION OF DEVICES; WHERE FEASIBLE.



THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AT THE SITE BEFORE PROCEEDING WITH EACH PHASE OF HIS WORK. THIS DRAWING, AS AN INSTRUMENT OF SERVICE, IS AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT.

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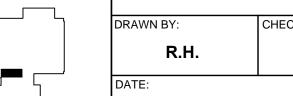


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FIRST & SECOND FLOOR PLANS - BASE BID - ELEC. DEMO.

J.C.

CONSTRUCTION DOCUMENTS

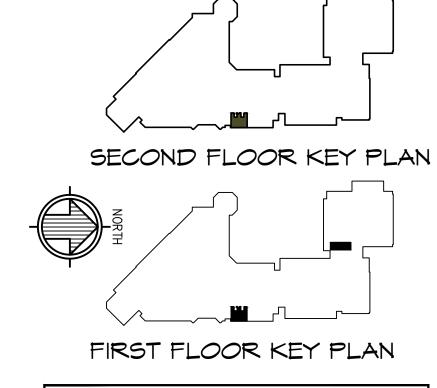


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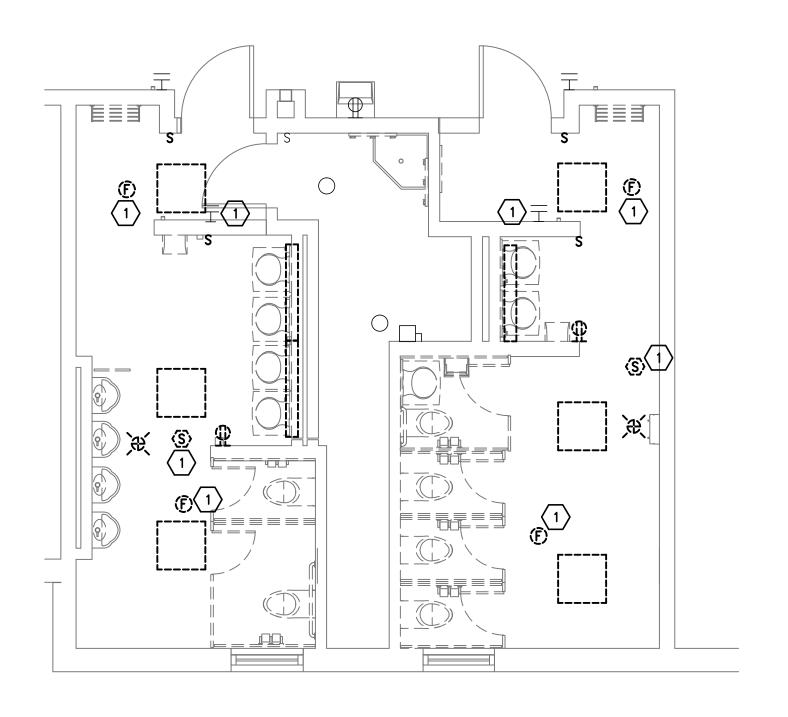
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Suite 105 Bedford, Pa. 15522 Phone: 814.623.5111 Fax: 814.623.2299

Project # 214007.03

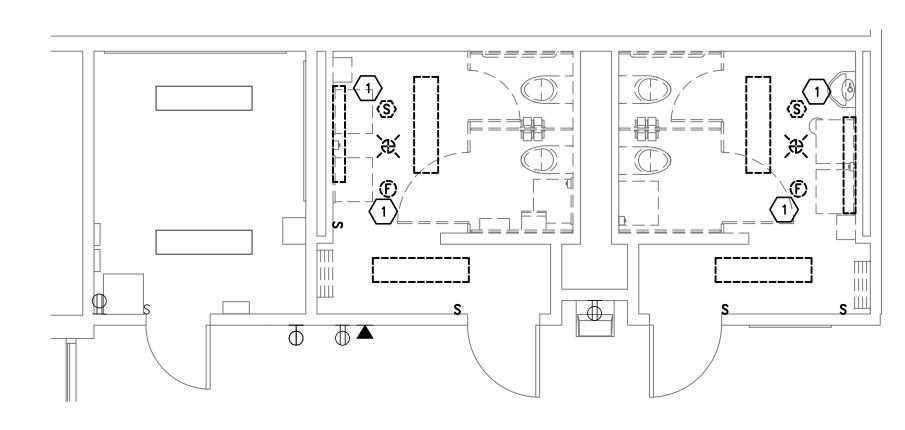
100 Winding Creek Boulevard Mechanicsburg, Pa. 17050 Phone: 717.657.9700 Fax: 717.657.9705



ENLARGED FIRST FLOOR PLAN — RESTROOM (THEATRE)

ADD. ALTERNATE — ELECTRICAL DEMOLITION

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



ENLARGED FIRST FLOOR PLAN — RESTROOM
ADD. ALTERNATE — ELECTRICAL DEMOLITION

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



DEMOLITION NOTES

RELOCATE DEVICE. RETAIN AND REINSTALL IN ACCORDANCE WITH NEW WORK DRAWINGS.

GENERAL DEMO NOTES

1. MAINTAIN EXISTING BACKBOXES AND CONDUIT WHERE NEW DEVICES WILL BE INSTALLED AT THE SAME LOCATION OF DEVICES; WHERE FEASIBLE.



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FIRST & SECOND FLOOR PLANS - ADD. ALT. - ELEC. DEMO.

CONSTRUCTION DOCUMENTS

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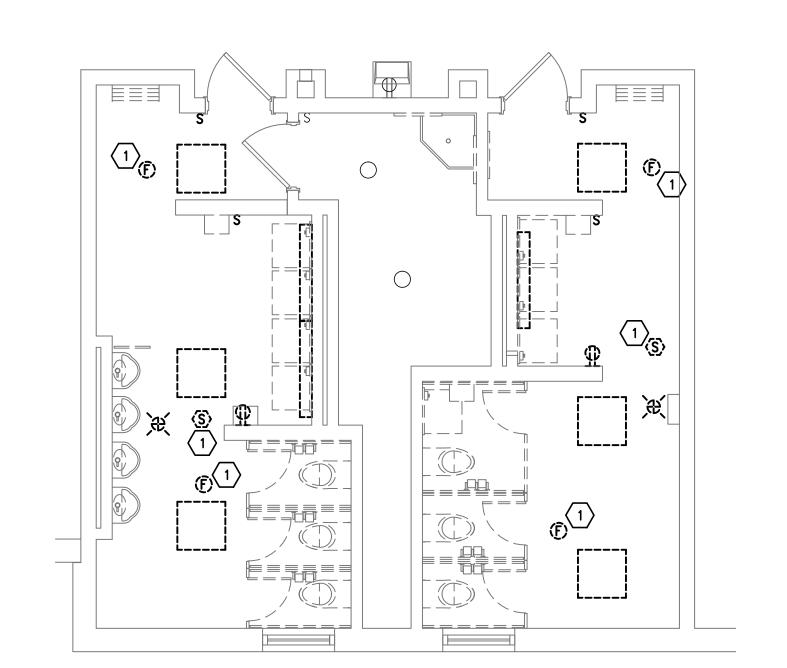
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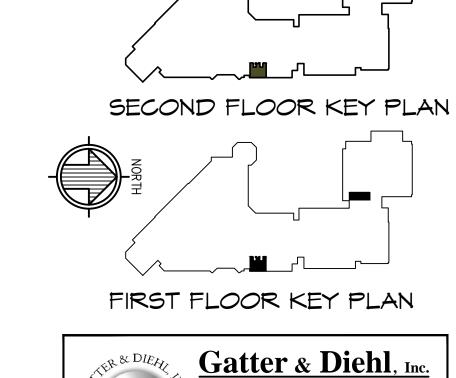
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ENLARGED SECOND FLOOR PLAN — RESTROOM (COMMON)

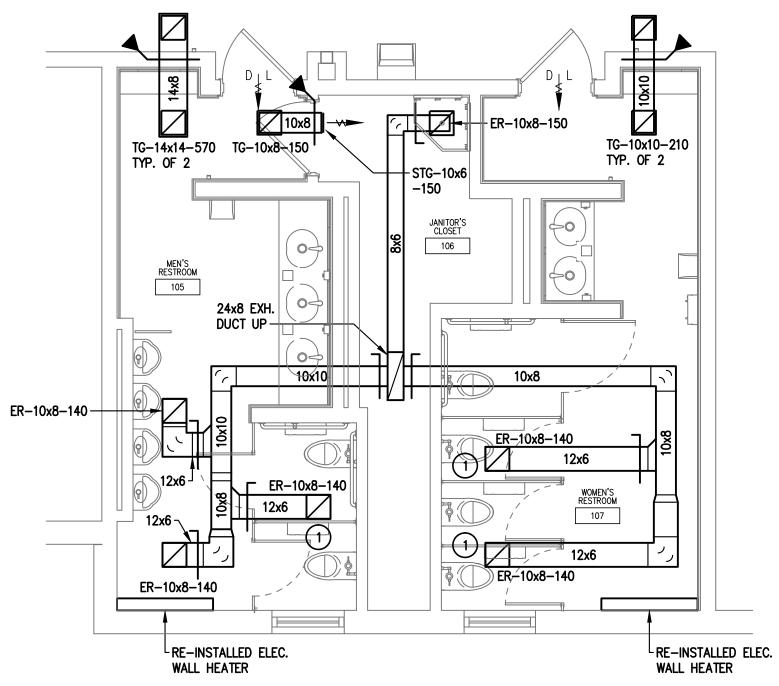
ADD. ALTERNATE — ELECTRICAL DEMOLITION

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



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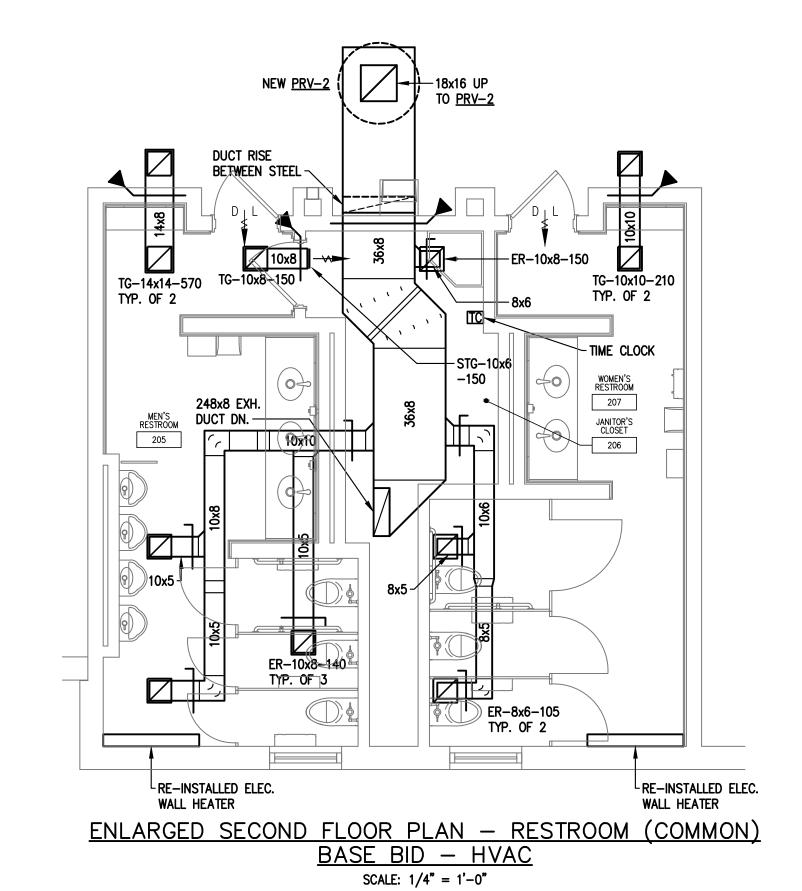
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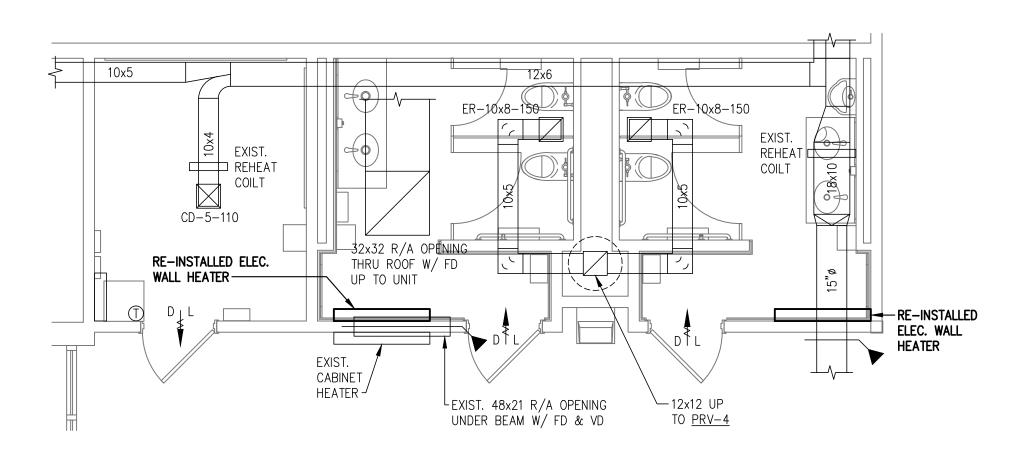


ENLARGED FIRST FLOOR PLAN — RESTROOM (THEATRE)

BASE BID — HVAC

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





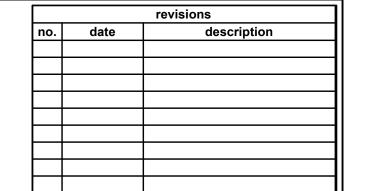
ENLARGED FIRST FLOOR PLAN — RESTROOM

BASE BID — HVAC

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

DRAWING NOTES

CONTRACTOR TO COORDINATE EXHAUST REGISTER FRAME WITH CEILING TYPE.
COORDINATE DUCTWORK ROUTING TO ALLOW ACCESS TO VOLUME DAMPER AT A LOCATION WITH AN ACCESSIBLE CEILING.



THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AT THE SITE BEFORE PROCEEDING WITH EACH PHASE OF HIS WORK. THIS DRAWING, AS AN INSTRUMENT OF SERVICE, IS AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT.

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FIRST & SECOND FLOOR PLANS - BASE BID - HVAC

CONSTRUCTION DOCUMENTS

DOCUMENTS

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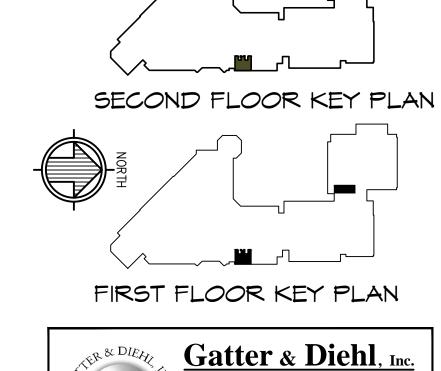
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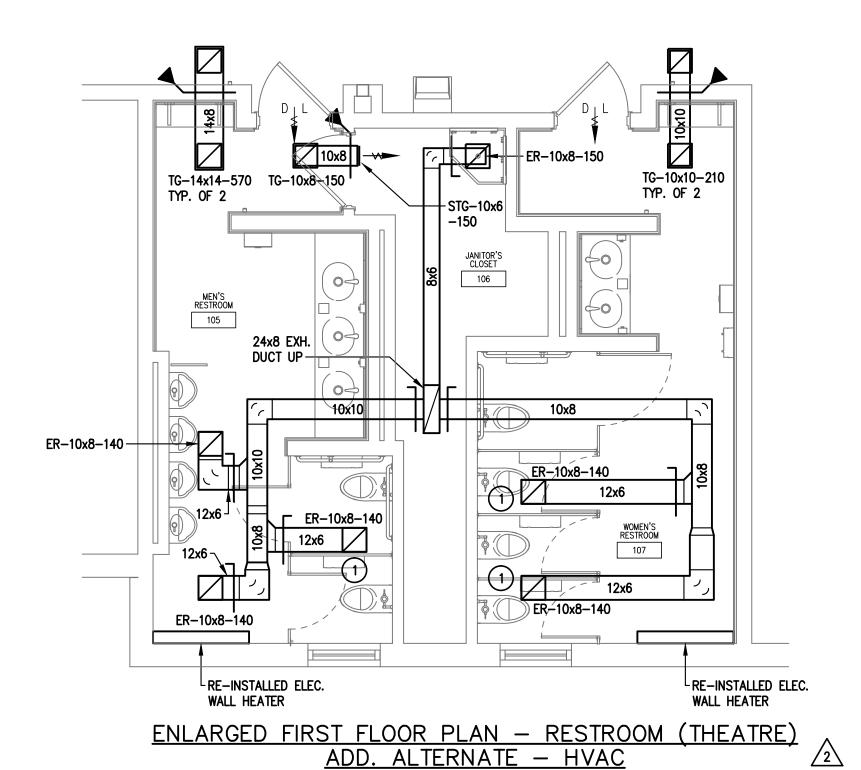


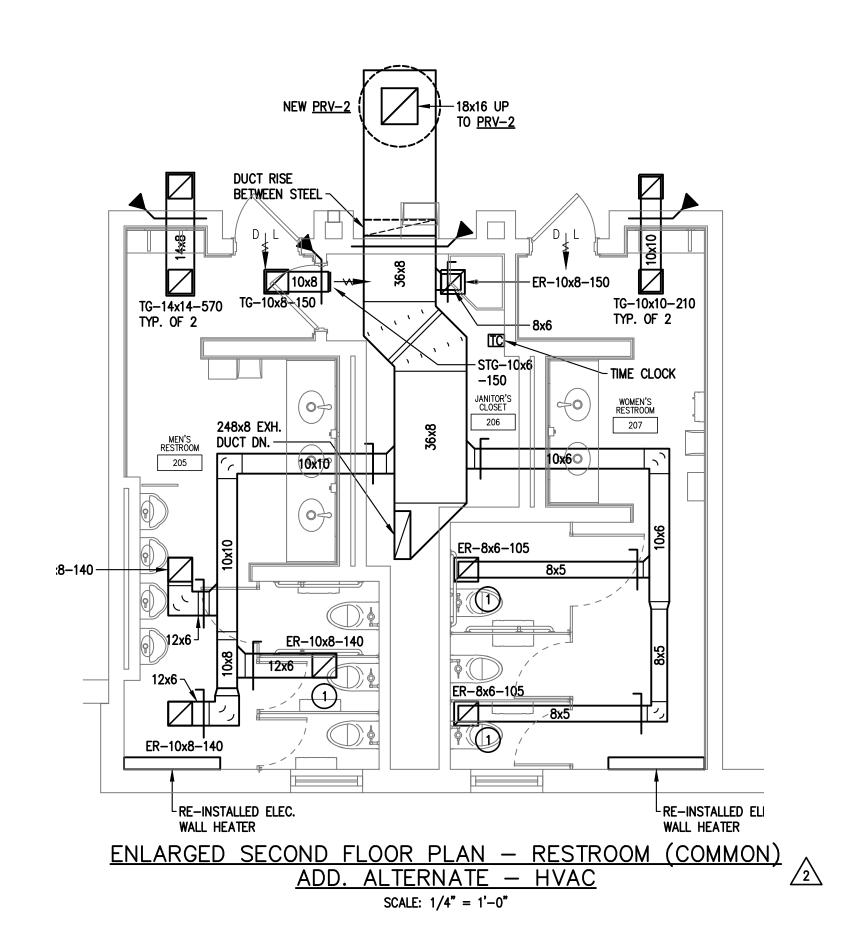
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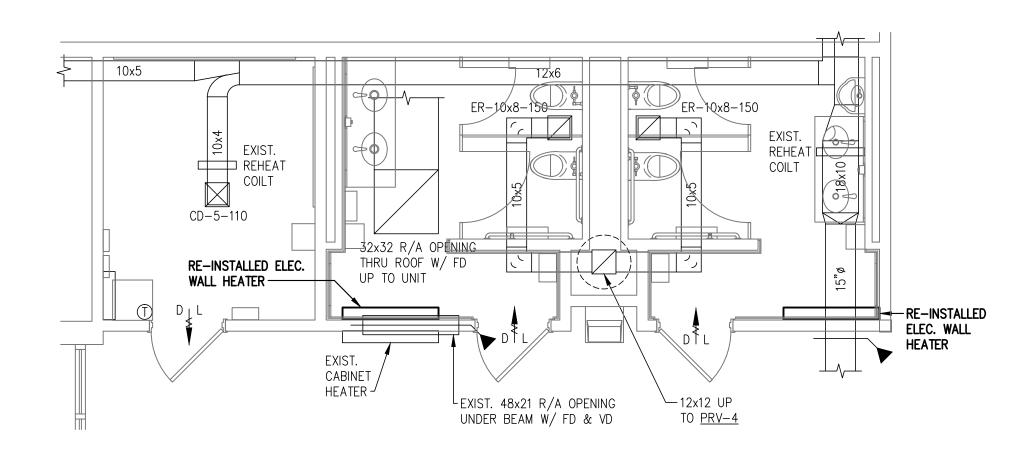
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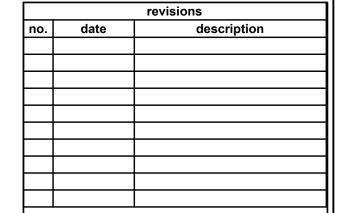
SCALE: 1/4" = 1'-0"



ENLARGED FIRST FLOOR PLAN — RESTROOM ADD. ALTERNATE — HVAC SCALE: 1/4" = 1'-0"

DRAWING NOTES

CONTRACTOR TO COORDINATE EXHAUST REGISTER FRAME WITH CEILING TYPE.
COORDINATE DUCTWORK ROUTING TO ALLOW ACCESS TO VOLUME DAMPER AT A LOCATION WITH AN ACCESSIBLE CEILING.



THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AT THE SITE BEFORE PROCEEDING WITH EACH PHASE OF HIS WORK. THIS DRAWING, AS AN INSTRUMENT OF SERVICE, IS AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT.

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FIRST & SECOND FLOOR PLANS - ADD. ALT. - HVAC

CONSTRUCTION DOCUMENTS

SECOND FLOOR KEY PLAN DOCUMENTS

DRAWN BY: CHECKED BY:

J.S. R.K.

ATE: **08/08/14**

PROJECT NUMBER:

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FIRST FLOOR KEY PLAN

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Project # 214007.03

H1.1A

GENERAL DEMOLITION NOTES - HVAC

- 1. CONTRACTOR SHALL NOT CONSIDER DEMOLITION DRAWINGS AND NOTES TO BE INCLUSIVE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSPECT AND ASSESS EACH AREA AND TO FULFILL THE INTENT OF THE WORK INDICATED BY THE CONTRACT DOCUMENTS. CONTRACTOR SHALL VERIFY ALL CONDITIONS WITHIN THE CONTRACT LIMITS. DEVIATIONS FROM THE CONTRACT DOCUMENTS NECESSITATED BY THE FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER.
- 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISCONNECTING, REMOVING AND/OR RELOCATING EXISTING EQUIPMENT AS SHOWN OR AS MAY BECOME NECESSARY TO ACCOMPLISH DESIRED RESULTS. NO ADDITION CLAIMS SHALL BE MADE FOR DEMOLITION WORK NOT SPECIFICALLY INDICATED OR SPECIFIED UNLESS, IN THE ARCHITECT'S/ENGINEER'S OPINION, IT IS BEYOND THE SCOPE OF THE CONTRACT DOCUMENTS.
- 3. DEMOLITION SHALL BE CARRIED OUT WITH CARE SO THAT PORTIONS OF THE WORK THAT ARE TO REMAIN WILL BE UNDAMAGED.
- 4. DEBRIS AND DEMOLISHED MATERIAL SHALL BE CLEARED FROM THE SITE AT FREQUENT INTERVALS. DO NOT ALLOW DEBRIS TO ACCUMULATE TO THE EXTENT THAT IT WILL INTERFERE WITH WORK OR
- 5. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN SAFETY AND DUST BARRIERS AS REQUIRED BY HEALTH AND SAFETY REGULATIONS.
- 6. COORDINATE DEMOLITION WORK WITH OTHER TRADES. SUPERVISE AND ASSIST REMOVAL AND REPLACEMENT OF EXISTING MATERIALS TO PROVIDE FOR INSTALLATION OF MECHANICAL AND ELECTRICAL ITEMS.
- 7. CONNECTING WORK, NEW WORK OR EXTENSION OF EXISTING WORK SHALL CORRESPOND IN ALL RESPECTS WITH THAT TO WHICH IT CONNECTS, UNLESS OTHERWISE INDICATED OR SPECIFIED. EXISTING WORK SHALL BE CUT, DRILLED, ALTERED OR TEMPORARILY REMOVED AND REPLACED AS NECESSARY FOR PERFORMANCE OF THE CONTRACT.
- 8. NO STRUCTURAL MEMBER SHALL BE CUT OR ALTERED WITHOUT AUTHORIZATION OF ARCHITECT/ENGINEER.
- 9. CONTRACTOR IS RESPONSIBLE TO RESTORE DAMAGED OR DEFACED WORK REMAINING IN PLACE TO THE ORIGINAL CONTRACT CONDITIONS.
- 10. OWNER ACCEPTS NO RESPONSIBILITY FOR LOSS OR DAMAGE TO MATERIALS OR STRUCTURES ON SITE, OR FOR THE SALVAGE VALUE OF WHICH THE CONTRACTOR MAY HAVE REFLECTED ON HIS BID.
- 11. THE OWNER SHALL HAVE FIRST CHOICE OF ANY EXISTING EQUIPMENT OR MATERIALS BEING REMOVED. THE CONTRACTOR SHALL DELIVER ITEMS TO BE SALVAGED BY THE OWNER TO TO DESIGNATED STORAGE AREA ON THE JOB SITE. ALL EQUIPMENT AND MATERIALS REJECTED BY THE OWNER SHALL BECOME PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE AND LEGALLY DISPOSED OF.
- 12. THE CONTRACTOR SHALL GIVE ADVANCE NOTICE TO THE OWNER WHEN WORK IS TO BE PERFORMED WHICH COULD INTERRUPT SERVICES TO OTHER AREAS. THE OWNER'S POLICY AND PROCEDURE SHALL BE STRICTLY ADHERED TO.
- 13. PATCH ALL OPENINGS IN BUILDING CONSTRUCTION WHERE PIPING, DUCTWORK, ETC. IS REMOVED. PATCHING SHALL BE SAME MATERIALS AS SURROUNDING CONSTRUCTION. FINISH TO MATCH EXISTING CONSTRUCTION TO THE EXTENT POSSIBLE.
- 14. ALL EXISTING EQUIPMENT AND MATERIALS SHALL REMAIN UNLESS OTHERWISE NOTED.
- 15. REFER TO NEW WORK DRAWINGS FOR ADDITIONAL INFORMATION AFFECTING DEMOLITION WORK BEFORE BEGINNING WORK.
- 16. ITEMS NOTED TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY INCLUDING, BUT NOT LIMITED TO; PIPING, CONTROLS, VALVES AND HANGERS. PIPING SHALL BE REMOVED BACK TO MAINS AND CAPPED, UNLESS OTHERWISE NOTED.

GENERAL NOTES - HVAC

- 1. ALL SYSTEMS ARE SHOWN SCHEMATICALLY. CHECK AND VERIFY ALL CONDITIONS AT THE SITE
- 2. IT IS INTENDED THAT THE DRAWINGS AND SPECIFICATIONS SHALL PROVIDE A WORKING INSTALLATION COMPLETE IN EVERY DETAIL, AND ALL ITEMS NECESSARY FOR A COMPLETE INSTALLATION SHALL BE FURNISHED WHETHER SPECIFIED OR SHOWN ON THE DRAWINGS OR NOT.
- 3. THE OMISSION OF EXPRESSED REFERENCE IN THE DRAWINGS OR SPECIFICATIONS TO ANY LABOR OR MATERIAL NECESSARY FOR THE PROPER EXECUTION OF THE WORK IN ACCORDANCE WITH PRESENT GOOD PRACTICE OF THE TRADE SHALL NOT RELIEVE THIS CONTRACTOR FROM PROVIDING, AT NO COST, SUCH ADDITIONAL LABOR AND MATERIALS UNDER THIS CONTRACT.
- 4. ALL INSTALLATION AND WORK SHALL BE PERFORMED IN A NEAT, WORKMANLIKE MANNER SO AS NOT TO DAMAGE ANY SURFACES, EQUIPMENT, OR MATERIALS.
- 5. ALL EQUIPMENT AND MATERIALS INCORPORATED IN THIS WORK SHALL BE NEW UNLESS NOTED OTHERWISE AND SHALL BE CURRENT PRODUCTS OF MANUFACTURERS REGULARLY ENGAGED IN THE PRODUCTION OF SUCH PRODUCTS.
- 6. INSTALL ALL EQUIPMENT AND MATERIALS IN STRICT ACCORDANCE WITH RESPECTIVE MANUFACTURER'S WRITTEN INSTRUCTIONS.
- 7. COORDINATE HVAC WORK WITH THE WORK OF ALL OTHER TRADES.
- 8. ALL DIMENSIONS, DUCT SIZES AND PIPE SIZES ARE IN INCHES, UNLESS NOTED OTHERWISE.
- 9. RUN PIPING AND DUCTWORK CONCEALED, EXCEPT IN MECHANICAL ROOMS OR WHERE NOTED OTHERWISE.
- 10. FURNISH AND INSTALL ACCESS PANELS WHERE REQUIRED FOR ACCESS TO ALL CONCEALED VALVES, DAMPERS OR EQUIPMENT WHERE NO OTHER MEANS OF ACCESS IS PROVIDED.
- 11. RUN CONCEALED PIPING ON ROOM SIDE OF THE BUILDING INSULATION, UNLESS NOTED OTHERWISE.
- 12. PROVIDE MANUAL AIR VENTS AT ALL HIGH POINTS IN WATER PIPING SYSTEMS, AND HOSE END DRAIN VALVES AT LOW POINTS.
- 13. DUCTWORK FABRICATION AND INSTALLATION SHALL BE IN ACCORDANCE WITH SMACNA STANDARDS. DUCTWORK PRESSURE CLASSIFICATION IS 1" W.G FOR LOW PRESSURE DUCTWORK AND 2" FOR VAV SYSTEMS UNLESS INDICATED OTHERWISE.
- 14. COORDINATE WORK WITH NEW AND EXISTING STRUCTURAL AND ARCHITECTURAL FEATURES AND PROVIDE OFFSETS AND FITTINGS AS REQUIRED.
- 15. PATCH ALL OPENINGS IN BUILDING CONSTRUCTION WHERE PIPING, DUCTWORK, ETC. IS REMOVED. PATCHING SHALL BE THE SAME MATERIALS AS THE SURROUNDING CONSTRUCTION. FINISH TO MATCH EXISTING TO THE EXTENT POSSIBLE.

16. ALL EQUIPMENT AND PIPING ABOVE THE CEILING SHALL BE SUPPORTED IN AN APPROVED MANNER

FROM THE BUILDING STRUCTURE AND INCLUDES HANGERS AND RESTRAINTS IN ACCORDANCE WITH

- ALL APPLICABLE CODES AND SEISMIC RESTRAINT REQUIREMENTS. 17. WHERE EQUIPMENT, PIPING, DUCTWORK, CONDUIT, ETC. TO REMAIN IS SUPPORTED FROM EQUIPMENT
- AND/OR PIPING TO BE REMOVED. EXTEND EXISTING HANGERS OR PROVIDE NEW HANGERS AND SUPPORTS AS REQUIRED TO RESUPPORT ITEMS FROM THE BUILDING STRUCTURES.
- 18. EXISTING EQUIPMENT AND MATERIALS SHALL REMAIN, UNLESS NOTED OTHERWISE.
- 19. ALL SYSTEMS SHALL BE TESTED FOR PROPER OPERATION IN ACCORDANCE WITH APPLICABLE CODES AND REGULATIONS.
- 20. INSTALL ALL WORK IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS.
- 21. CONTRACTOR SHALL REMOVE CEILING TILES AND CEILING GRID AS REQUIRED FOR REMOVAL OF THE EXISTING DUCTWORK AND THE INSTALLATION OF THE NEW DUCTWORK. CONTRACTOR TO REINSTALL EXISTING CEILING AND GRID AND TILES. CONTRACTOR TO REPLACE ANY BROKEN CEILING TILES.

ABBREVIATIONS

THIS SCHEDULE IS STANDARD. ALL ABBREVIATIONS LISTED DO NOT NECESSARILY APPEAR ON THESE DRAWINGS

	LISTED	DO NOT NE	CESSARILY APPEAR ON THESE DRAWINGS		
ABV.	ABOVE	F.D.	FLOOR DRAIN	MTD.	MOUNTED
A.D.	AREA DRAIN	F.F.D.	FUNNEL FLOOR DRAIN	N/A	NOT APPLICABLE
A.F.F.	ABOVE FINISHED FLOOR	FLEX.	FLEXIBLE	NC	NOISE CRITERIA/NORMALLY C
AHU	AIR HANDLING UNIT	FLR.	FLOOR	NIC	NOT IN CONTRACT
AMB.	AMBIENT	FIN.	FINISH	NO	NORMALLY OPEN
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	FPM	FEET PER MINUTE	NO.	NUMBER
AMP	AMPERE(S)	FT.	FOOT/FEET	NTS	NOT TO SCALE
APPROX.	APPROXIMATE	FUT.	FUTURE	0/A	OUTSIDE AIR
A.R.	ACID RESISTING	GA	GAGE/GAUGE	OPNG.	OPENING
ARCH.	ARCHITECTURAL	GAL.	GALLON/S	OX.	OXYGEN
AUTO.	AUTOMATIC	GPH	GALLONS PER HOUR	P.D.	PRESSURE DROP
AWT	AVERAGE WATER TEMPERATURE	GPM	GALLONS PER MINUTE	PLBG.	PLUMBING
BET.	BETWEEN	G.C.	GENERAL CONTRACTOR	PH	PHASE
B.F.P.	BACKFLOW PREVENTOR	GEN.	GENERAL	P.O.	PLUG OUTLET
BLDG.	BUILDING	G.D.	GARAGE DRAIN	PRESS.	PRESSURE
BTU	BRITISH THERMAL UNIT	GR.	GRADE	PSI	POUNDS PER SQUARE INCH
CAB.	CABINET	G.	GAS	RA	RETURN AIR
CFH	CUBIC FEET PER HOUR	о. Н.В.	HOSE BIBB	R.C.P.	REINFORCED CONCRETE PIPE
CFM	CUBIC FEET PER MINUTE	H.C.	HEATING CONTRACTOR	REINF.	REINFORCED
CLG.	CEILING	HD.	HEAD	REQ'D.	REQUIRED
C.O.	CLEAN OUT	HGT.	HEIGHT	RET.	RETURN
CONC.	CONCRETE	HORIZ.	HORIZONTAL	RH	RELATIVE HUMIDITY
COND.	CONDENSATE/CONDENSING	HP	HORSE POWER	RPM	REVOLUTIONS PER MINUTE
C.I.	CAST IRON	HPS	HIGH PRESSURE STEAM	RWC	RAINWATER CONDUCTOR
C.I. C.B.	CATCH BASIN	HTG.	HEATING	SA	SUPPLY AIR
с.в. С. м. Р.	CORRUGATED METAL PIPE	HTR.	HEATER	SPEC.	SPECIFICATION
CONN.	CONNECTION	INV.	INVERT	SQ.	SQUARE
CONT.	CONTRACTOR/CONTINUATION	JT.	JOINT	SP	STATIC PRESSURE
C.P.	CONCRETE PIPE	JAN.	JANITOR	S.W.	SAFE WASTE
DB	DRY BULB TEMPERATURE	KIT.	KITCHEN	S. V . S.S.	STAINLESS STEEL
DIA.	DIAMETER	KW.	KILOWATT	SYS.	SYSTEM
DIA. DISCH.	DISCHARGE	KWH	KILOWATT HOUR	T.C.	TERRA COTTA
DBL.	DOUBLE	LAT	LEAVING AIR TEMPERATURE	TEMP.	TEMPERATURE
DDL. DN.	DOWN	LAT.	LATENT	TOT.	TOTAL
DNG.	DRAWING	LAT. LAV.	LAVATORY	T'STAT.	THERMOSTAT
EA.	EACH	LAV. LB.	POUND	UR.	URINAL
EAT	ENTERING AIR TEMPERATURE	LBS.	POUNDS	υιν. V.	VENT
E.C.	ELECTRICAL CONTRACTOR	LDS. LP	LIQUEFIED PETROLEUM GAS	v. VAC	VACUUM
E.C. EDR	EQUIVALENT DIRECT RADIATION	LPS	LOW PRESSURE STEAM	VAC	VACOOM VARIABLE AIR VOLUME
ELEC.		LPS LVG.	LEAVING	VA V VD	VOLUME DAMPER
ENT.	ELECTRIC/ELECTRICAL	LWT	LEAVING WATER TEMPERATURE		
	ENTERING			VENT. VERT.	VENTILATION
EQUIP.	EQUIPMENT	MAN.	MANUAL		VERTICAL
ERV	ENERGY RECOVERY VENTILATOR/UNIT	MAX.	MAXIMUM	VOL.	VOLUME
ESP	EXTERNAL STATIC PRESSURE	MBH	THOUSAND BTU'S	V.T.R.	VENT THRU ROOF
EVAP.	EVAPORATE/ING/ED/OR	M.H.	MANHUE	W/	WITH
EWT	ENTERING WATER TEMPERATURE	MFR.	MANUFACTURER	WB	WET BULB
EXP.	EXPANSION	MIN.	MINIMUM/MINUTE	WG W LI	WATER GAUGE
EXIST.	EXISTING EXTERIOR /EXTERNAL	MOD	MOTOR OPERATED DAMPER	W.H.	WALL HYDRANT
EXT.	EXTERIOR/EXTERNAL	MPS	MEDIUM PRESSURE STEAM		

-DOWNBLAST CENTRIFUGAL

EXHAUST FAN. REFER TO PLANS FOR CAPACITY

BY H.C.

- A.T.C. DAMPER & ACTUATOR

REFER TO SPECIFICATIONS

- DUCT TRANSITION

AS REQUIRED, TYP.

- BLOCKING FOR CURB BY

ROOFING CONTRACTOR, TYP.

STRUCTURAL SUPPORT BY G.C., TYP.

- SEALING GASKET

- NAILING STRIP

- COUNTER FLASHING

CONTRACTOR

MINIMUM 12" HIGH INSULATED

CURB - FURNISHED BY H.C.

& INSTALLED BY THE ROOFING

-EXHAUST DUCT -

REFER TO PLANS

FOR SIZES, TYP.

DISCONNECT SWITCH

BY FAN MANUFACTURER —

WIRING CONDUIT

CHASE BY FAN MANUFACTURER —

18" MINIMUM

ELECTRIC CONDUIT

OPENING SIZE -

PENETRATION -

BY E.C., SEAL DUCT

EXHAUST DUCT - TO MATCH

ACCESS DOOR -

ROOF MOUNTED CENTRIFUGAL EXHAUST FAN DETAIL

NO SCALE

EXHAUST FAN CURB ROOF

FLASHING, CANT STRIPS

(IF REQUIRED), ROOFING

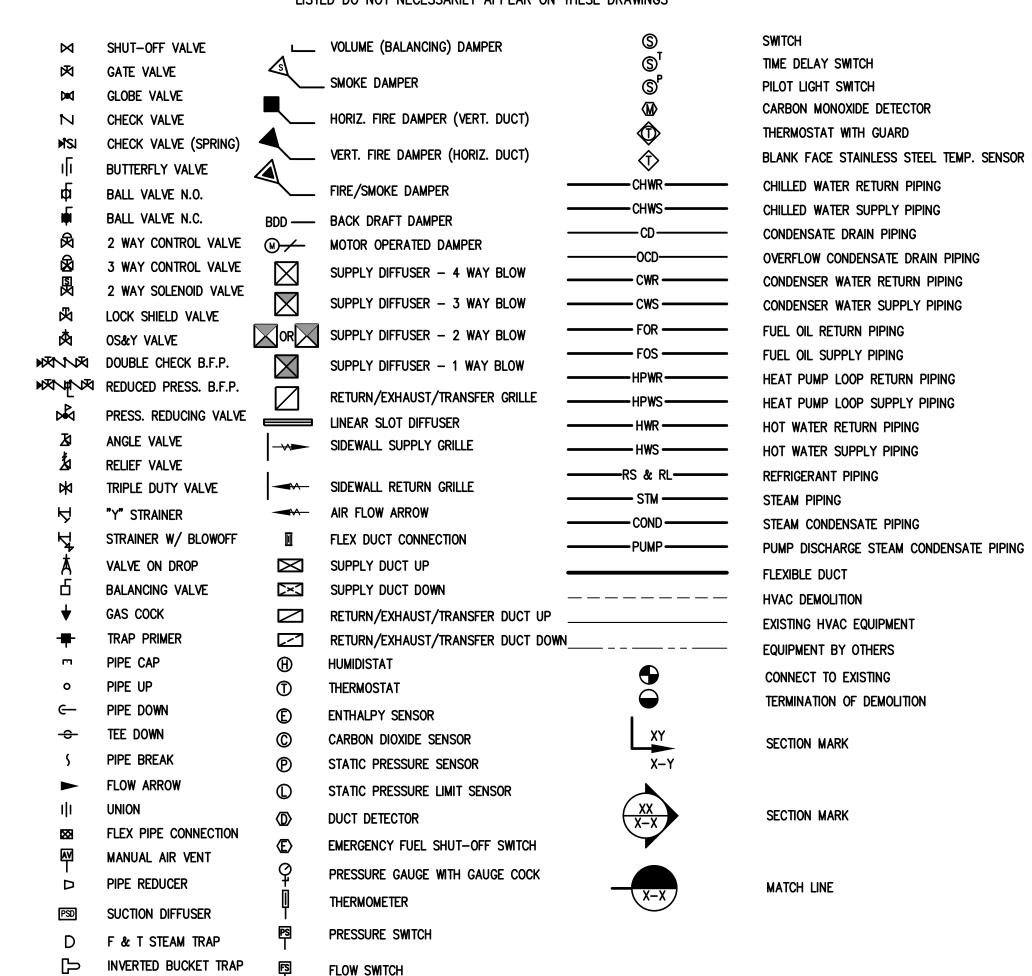
BY ROOFING CONTRACTOR -

MATERIAL & ROOF CONSTRUCTION

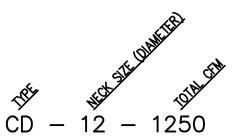
ROOF DECK-

HVAC LEGEND

THIS LEGEND IS STANDARD. ALL SYMBOLS LISTED DO NOT NECESSARILY APPEAR ON THESE DRAWINGS



FAN SCHEDULE												
SYMBOL CFM ESP (IN. WC)			TYPE	DRIVE	SONES (MAX)	RPM	HP	VOLTS/PHASE	CONTROL	REMARKS		
PRV-2	1630	.38	ROOF	BELT	11.9	1725	1/3	120/1ø	TIMECLOCK	-		
PRV-4	300	.13	ROOF	DIRECT	_	1160	1/8	120/1ø	-	EXISTING TO REMAIN		



THERMOMATIC TRAP

FLEXIBLE DUCT RUNOUT SHALL BE SAME SIZE AS DIFFUSER NECK. ALL DIFFUSERS FOR USE IN LAY-IN CEILINGS SHALL HAVE A 24"x24" BORDER PANEL. DIFFUSERS WITH NECK SIZES UP TO AND INCLUDING 6" SHALL HAVE 12"x12" FACE SIZE. 4. DIFFUSERS WITH NECK SIZES 8" AND OVER SHALL HAVE 24"x24" FACE SIZE. 5. TYPE: CD = SQUARE CEILING DIFFUSER, RCD = ROUND CEILING DIFFUSER. 6. OUTSIDE DIA. OF ROUND DIFFUSERS SHALL MATCH MANUFACTURERS STANDARD.

CEILING SUPPLY DIFFUSER KEY (ROUND NECK) NO SCALE



TYPE: RR = RETURN REGISTER, ER = EXHAUST REGISTER. CEILING REGISTER KEY

NO SCALE

1. DUCT RUNOUT SHALL BE SAME SIZE AS NECK SIZE. 3. 12"x12" AND LARGER NECK SIZE REGISTERS SHALL HAVE 24"x24" BORDER. SRG - 12x12 - 1250

1. DUCT RUNOUT SHALL BE SAME SIZE AS NECK SIZE. 2. TYPE: SRG = RETURN GRILLE, SEG = EXHAUST GRILLE, STG = TRANSFER GRILLE, SSG = SUPPLY GRILLE. SIDEWALL GRILLE KEY

NO SCALE

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RG - 12x12 - 1250

3. 12"x12" AND LARGER NECK SIZE GRILLES SHALL HAVE 24"x24" BORDER.

CEILING GRILLE KEY

NO SCALE

1. DUCT RUNOUT SHALL BE SAME SIZE AS NECK SIZE.
2. TYPE: RG = RETURN GRILLE, EG = EXHAUST GRILLE, TG = TRANSFER GRILLE.

date description

revisions

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SYMBOLS, DETAILS & SCHEDULES HVAC

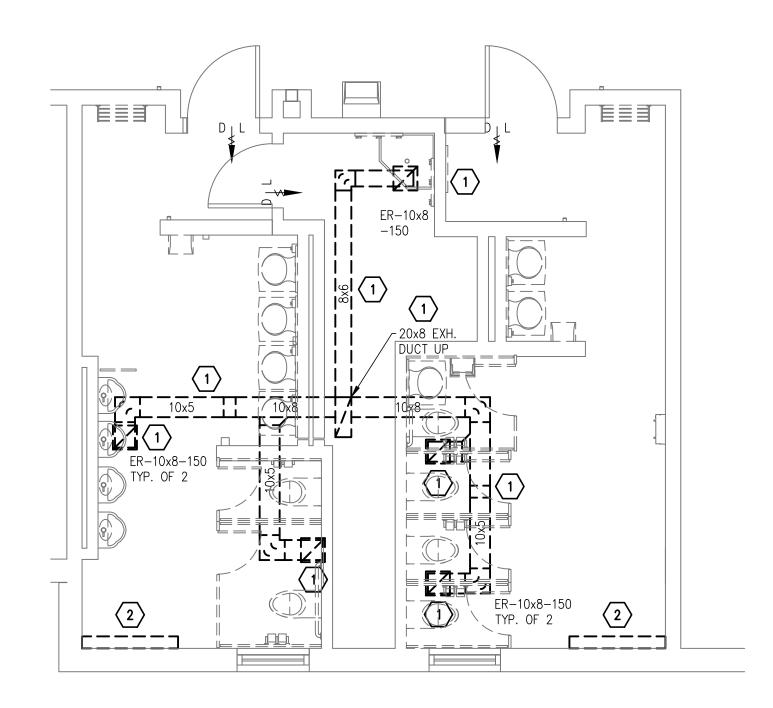
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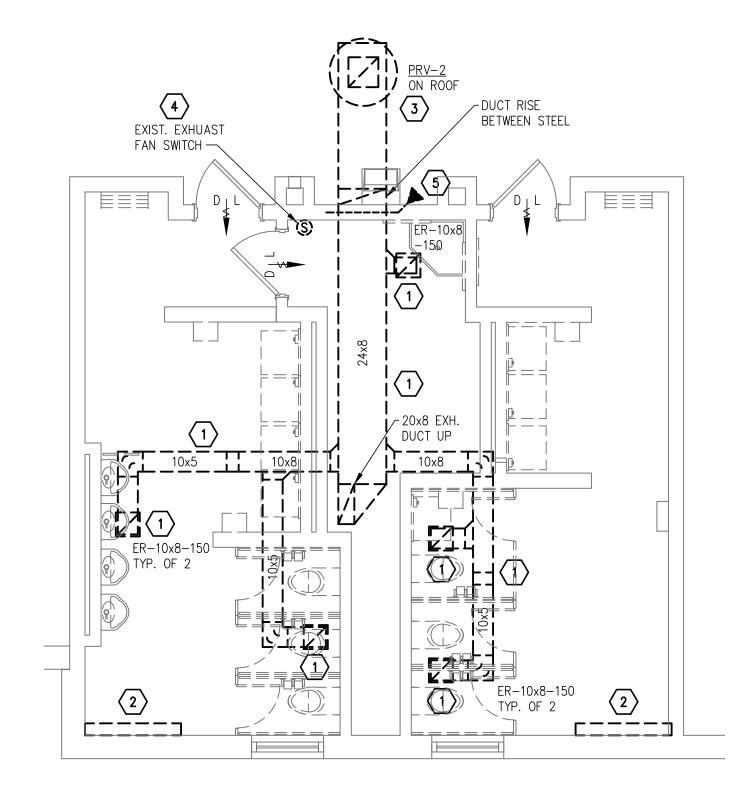
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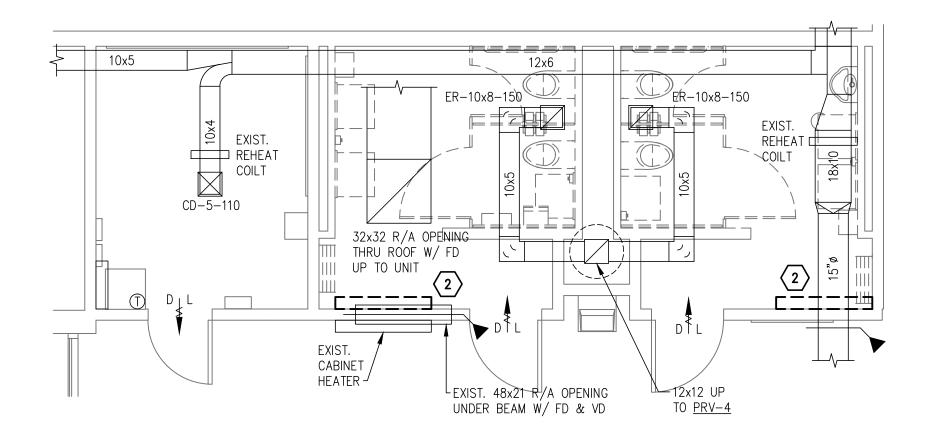
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ENLARGED FIRST FLOOR PLAN - RESTROOM (THEATRE) BASE BID - HVAC DEMOLITION SCALE: 1/4" = 1'-0"



ENLARGED SECOND FLOOR PLAN - RESTROOM (COMMON) BASE BID - HVAC DEMOLITION SCALE: 1/4" = 1'-0"

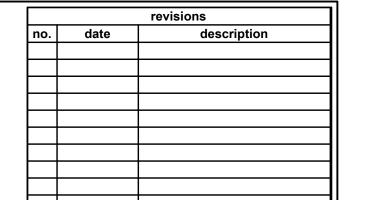


ENLARGED FIRST FLOOR PLAN - RESTROOM BASE BID — HVAC DEMOLITION

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

DEMOLITION NOTES

- 1 REMOVE REGISTER, DUCTWORK AND ALL ASSOCIATED ITEMS.
- REMOVE ELECTRIC WALL HEATER AND ALL ASSOCIATED ITEMS. STORE UNIT FOR RE-INSTALLATION AT SAME LOCATION AFTER COMPLETION OF WALL
- REMOVE EXHAUST FAN AND ALL ASSOCIATED ITEMS. PREPARE ROOF FOR NEW FAN AT SAME LOCATION.
- REMOVE FAN SWITCH AND ALL ASSOCIATED ITEMS.
- 5 REMOVE FIRE DAMPER AND ALL ASSOCIATED ITEMS.



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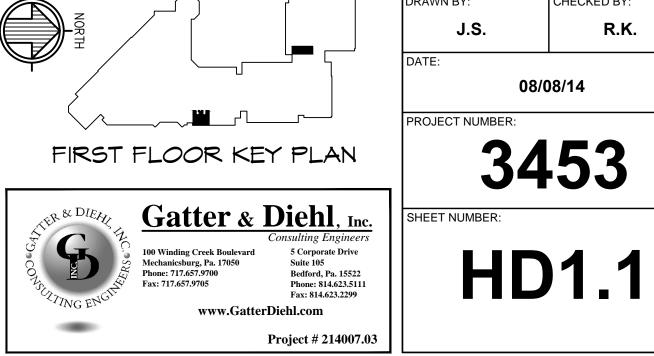
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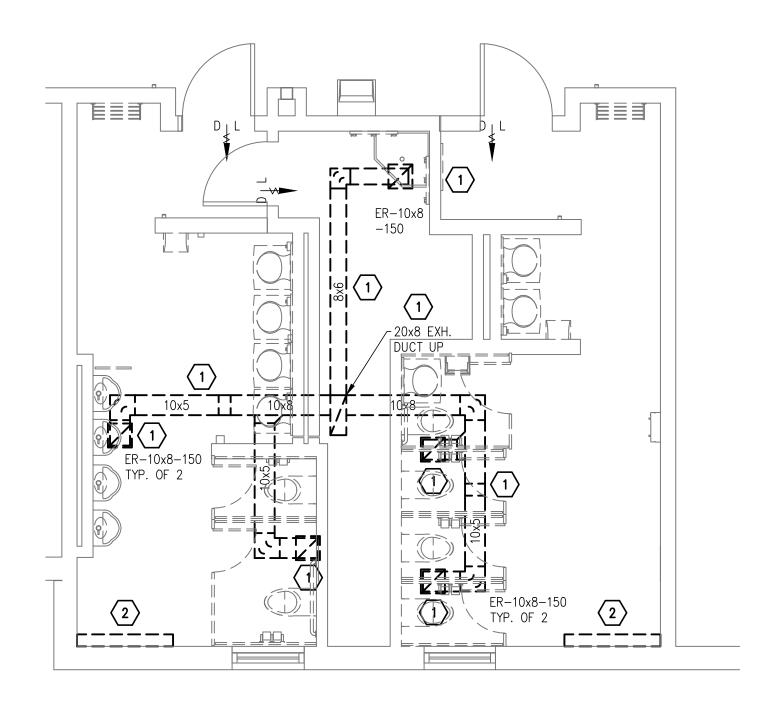
FIRST & SECOND FLOOR PLANS - BASE **BID - HVAC DEMO.**

> CONSTRUCTION **DOCUMENTS**

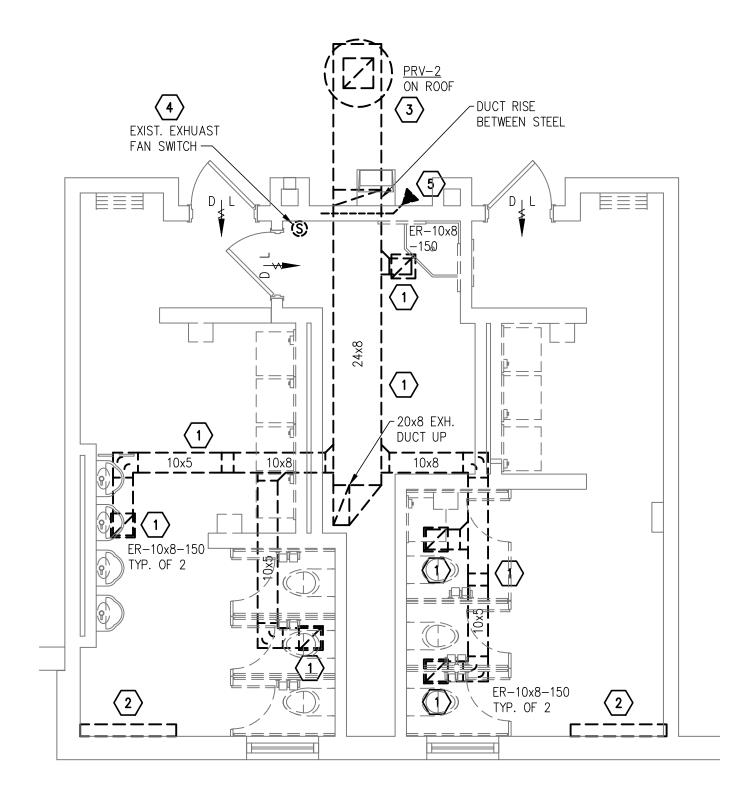
SECOND FLOOR KEY PLAN CHECKED BY: J.S. R.K.

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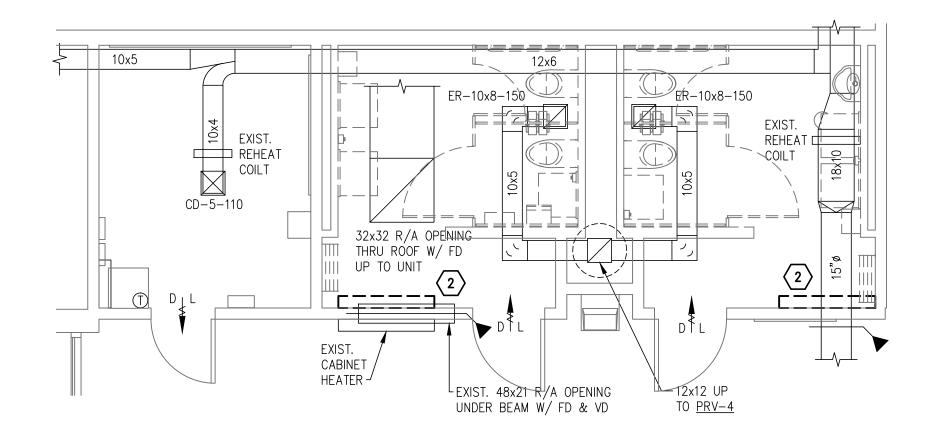


ENLARGED FIRST FLOOR PLAN - RESTROOM (THEATRE) ADD. ALTERNATE - HVAC DEMOLITION SCALE: 1/4" = 1'-0"



ENLARGED SECOND FLOOR PLAN - RESTROOM (COMMON) ADD. ALTERNATE — HVAC DEMOLITION

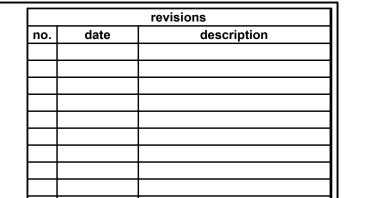
SCALE: 1/4" = 1'-0"



ENLARGED FIRST FLOOR PLAN - RESTROOM ADD. ALTERNATE - HVAC DEMOLITION SCALE: 1/4" = 1'-0"

DEMOLITION NOTES

- 1 REMOVE REGISTER, DUCTWORK AND ALL ASSOCIATED ITEMS.
- REMOVE ELECTRIC WALL HEATER AND ALL ASSOCIATED ITEMS. STORE UNIT FOR RE-INSTALLATION AT SAME LOCATION AFTER COMPLETION OF WALL
- REMOVE EXHAUST FAN AND ALL ASSOCIATED ITEMS. PREPARE ROOF FOR NEW FAN AT SAME LOCATION.
- REMOVE FAN SWITCH AND ALL ASSOCIATED ITEMS.
- 5 REMOVE FIRE DAMPER AND ALL ASSOCIATED ITEMS.



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FIRST & SECOND FLOOR PLANS - ADD. **ALT. - HVAC DEMO.**

CONSTRUCTION **DOCUMENTS**

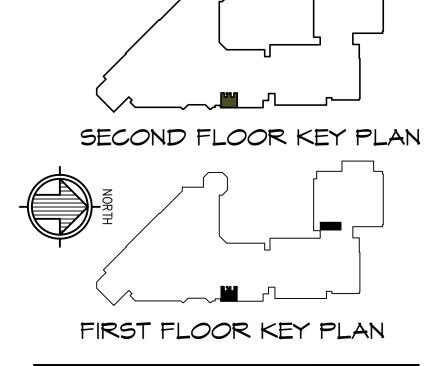
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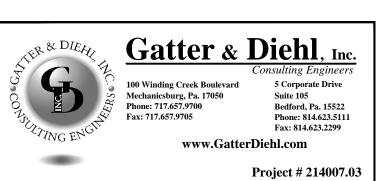
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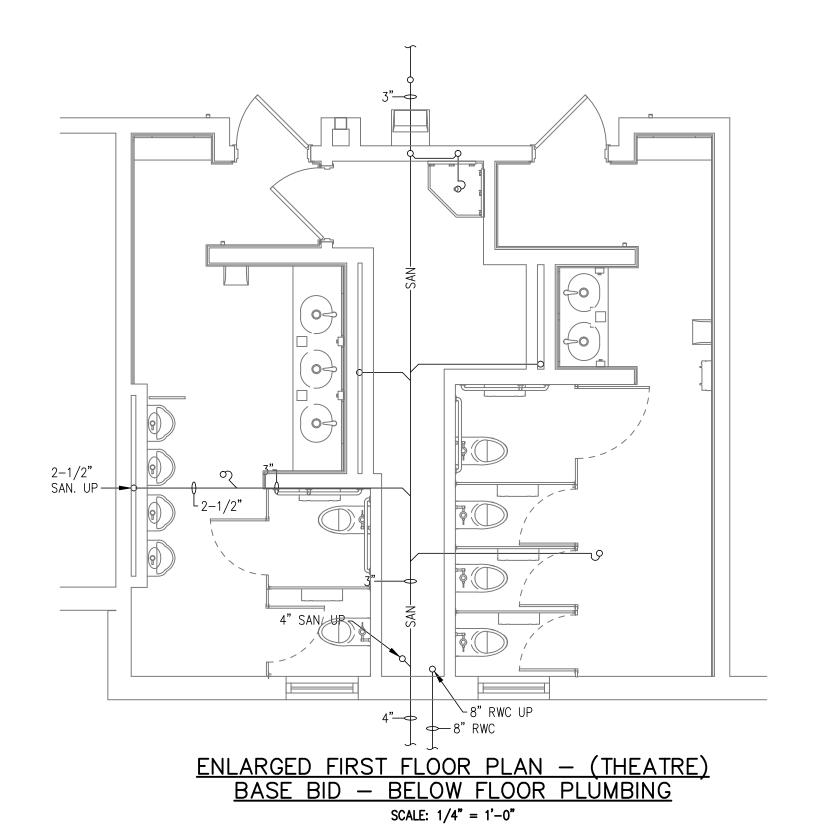
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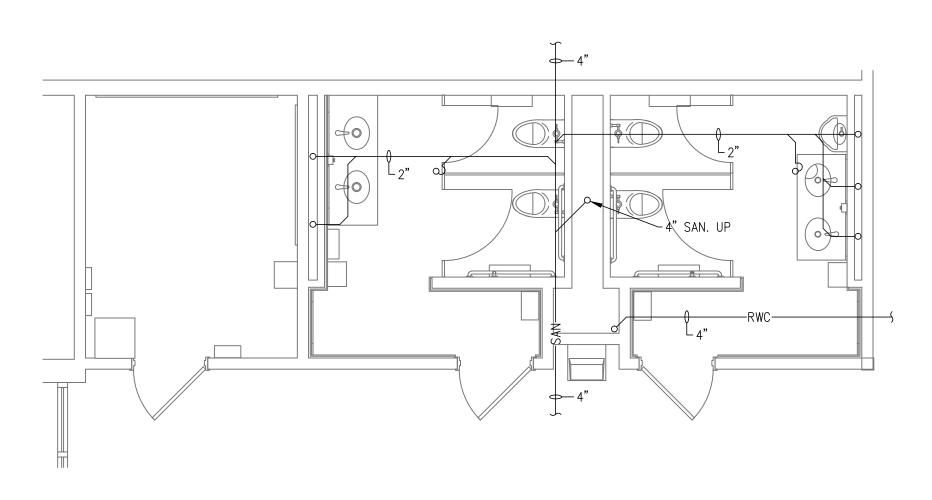
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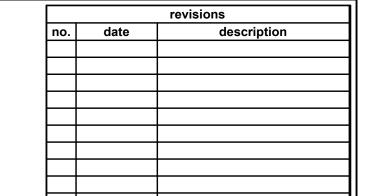






ENLARGED FIRST FLOOR PLAN —
BASE BID — BELOW FLOOR PLUMBING

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



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J.S. R.K.

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FIRST FLOOR KEY PLAN

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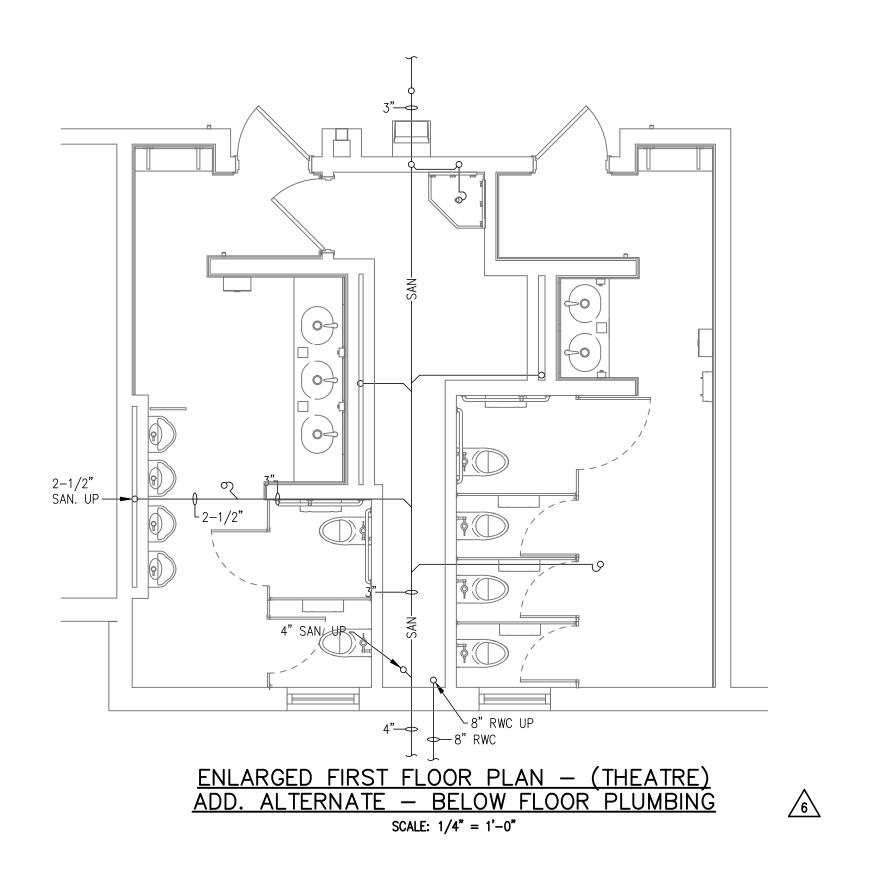
Consulting Engineers

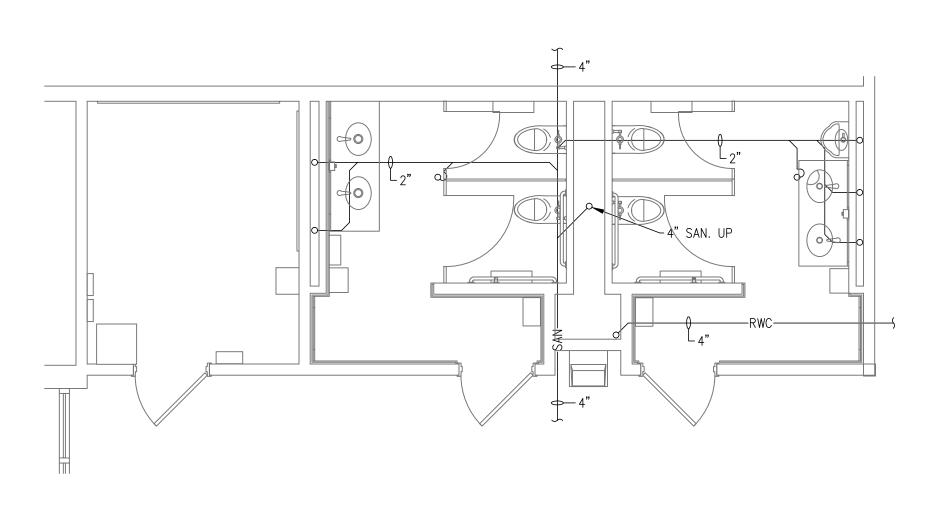
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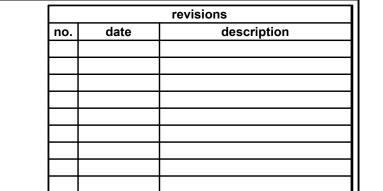




ENLARGED FIRST FLOOR PLAN —

ADD. ALTERNATE — BELOW FLOOR PLUMBING

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



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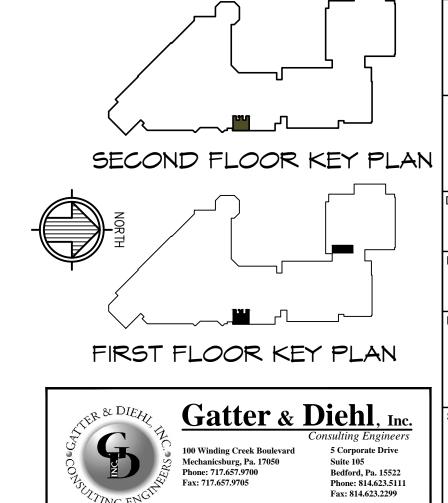
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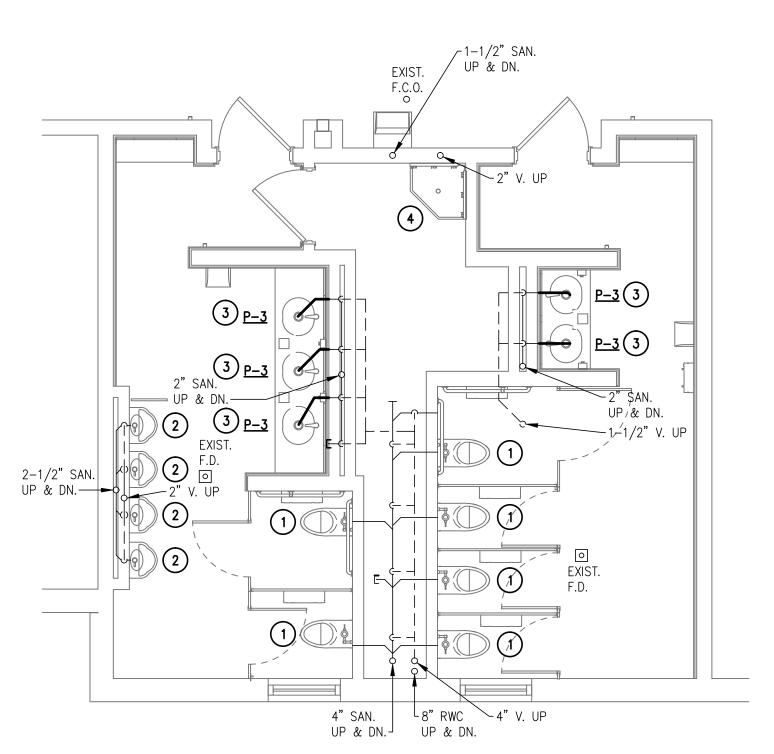
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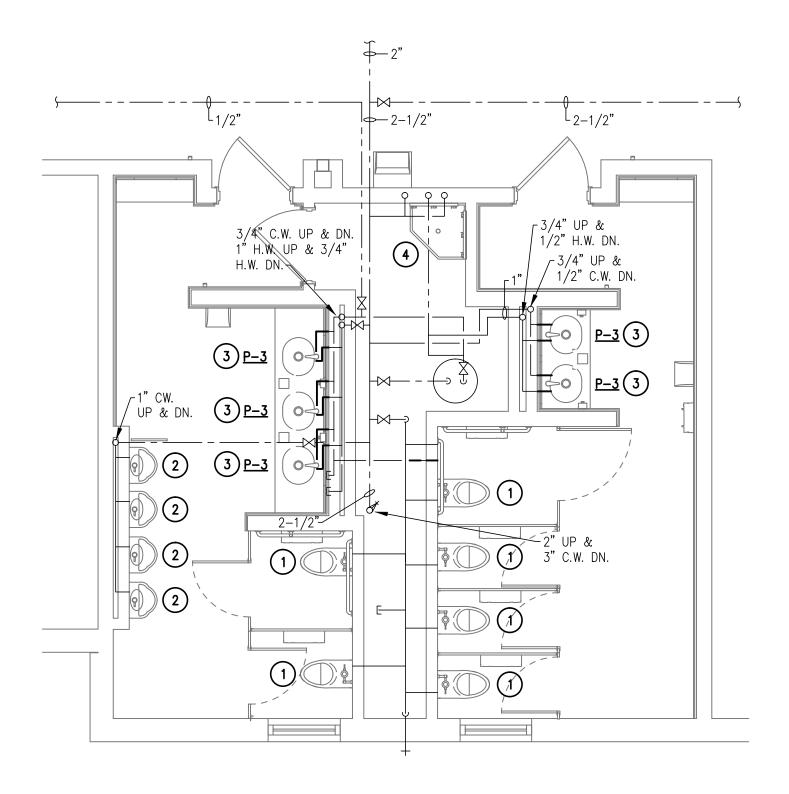
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<u>ENLARGED FIRST FLOOR PLAN — RESTROOM (THEATRE)</u>

<u>BASE BID — ABOVE FLOOR SANITARY PLUMBING</u>

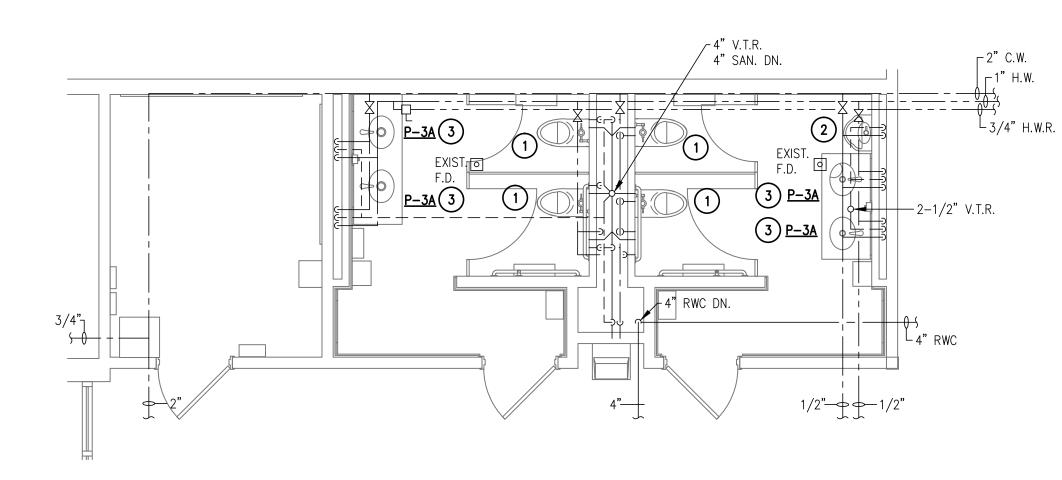
SCALE: 1/4" = 1'-0"



ENLARGED FIRST FLOOR PLAN — RESTROOM (THEATRE)

BASE BID — ABOVE FLOOR DOMESTIC PLUMBING

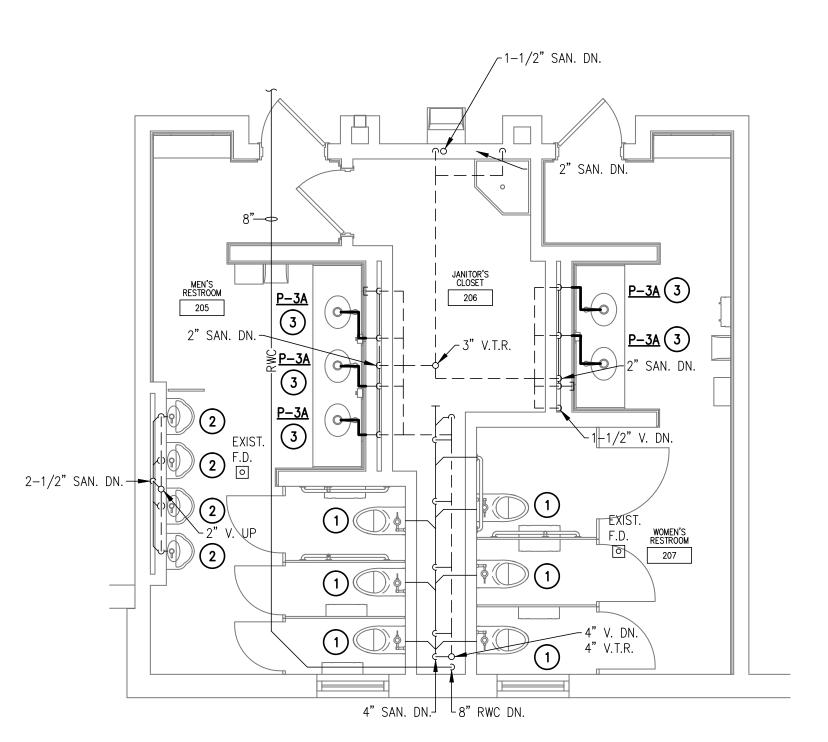
SCALE: 1/4" = 1'-0"



ENLARGED FIRST FLOOR PLAN — RESTROOM

BASE BID — ABOVE FLOOR PLUMBING

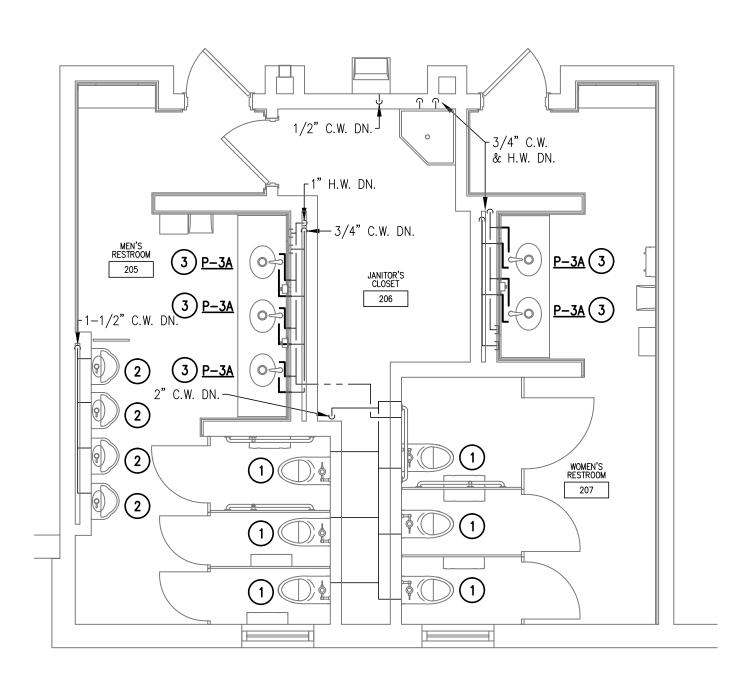
SCALE: 1/4" = 1'-0"



ENLARGED SECOND FLOOR PLAN — RESTROOM (COMMON)

BASE BID — ABOVE FLOOR SANITARY PLUMBING

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



ENLARGED SECOND FLOOR PLAN — RESTROOM (COMMON)

BASE BID — ABOVE FLOOR DOMESTIC PLUMBING

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

GENERAL DEMOLITION NOTES

1. ALL EXISTING RAINWATER PIPING IS EXISTING TO REMAIN, UNLESS NOTED OTHERWISE.

DRAWING NOTES

- RE-INSTALL WATER CLOSET IN ORIGINAL LOCATION. RECONNECT TO EXISTING WATER AND SANITARY LINES.
- RE-INSTALL URINAL IN ORIGINAL LOCATION. RECONNECT TO EXISTING WATER AND SANITARY LINES.
- 3 INSTALL NEW LAVATORY AND CONNECT TO EXISTING SERVICE LINES BELOW COUNTER.
- RE-INSTALL MOP SINK IN ORIGINAL LOCATION. RECONNECT TO EXISTING WATER AND SANITARY LINES.



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FIRST & SECOND FLOOR PLANS - BASE BID - PLUMBING

CONSTRUCTION DOCUMENTS

SECOND FLOOR KEY PLAN

FIRST FLOOR KEY PLAN

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Consulting Engineers

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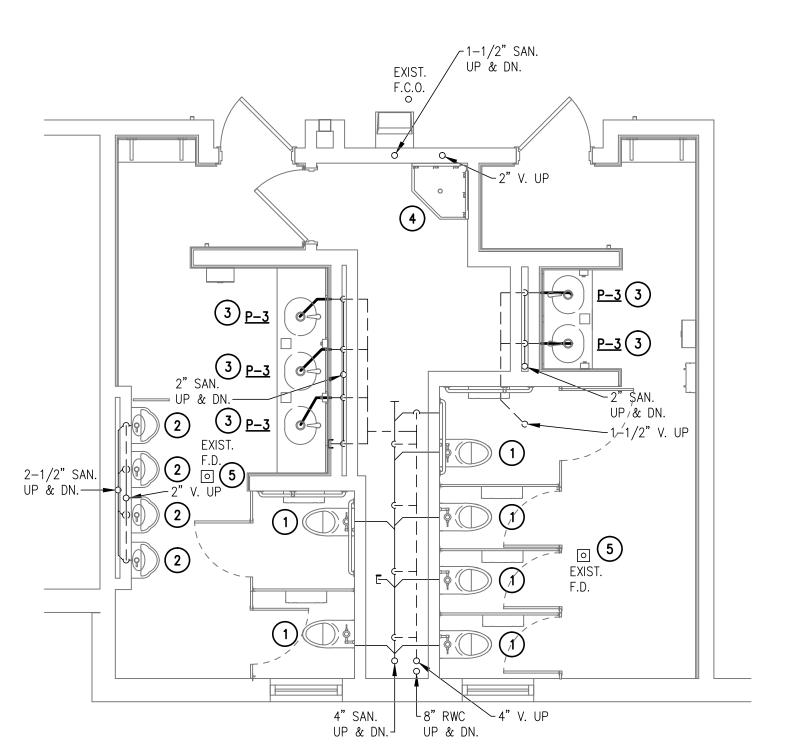
R.K.

DATE:

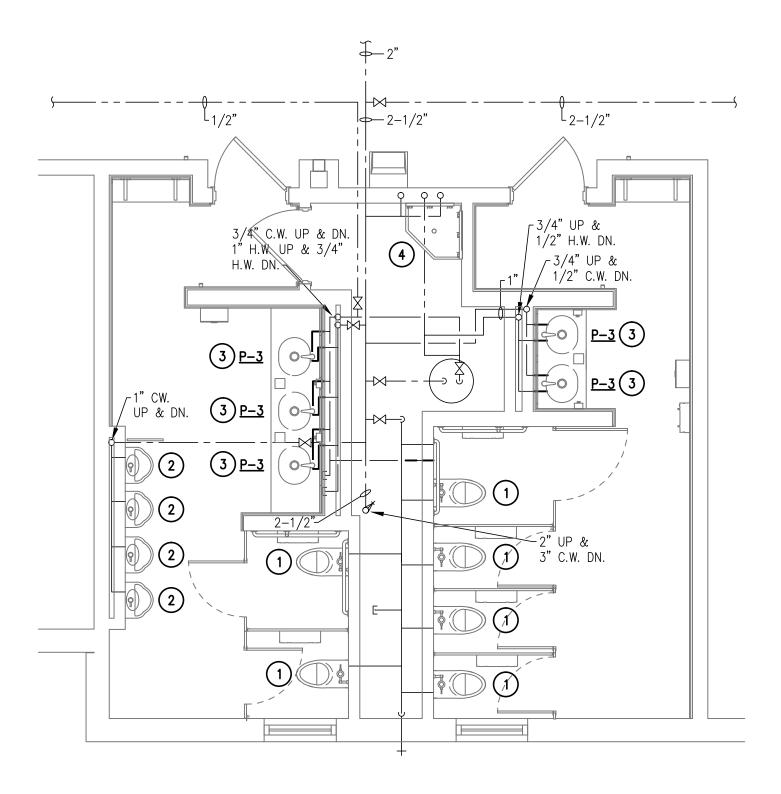
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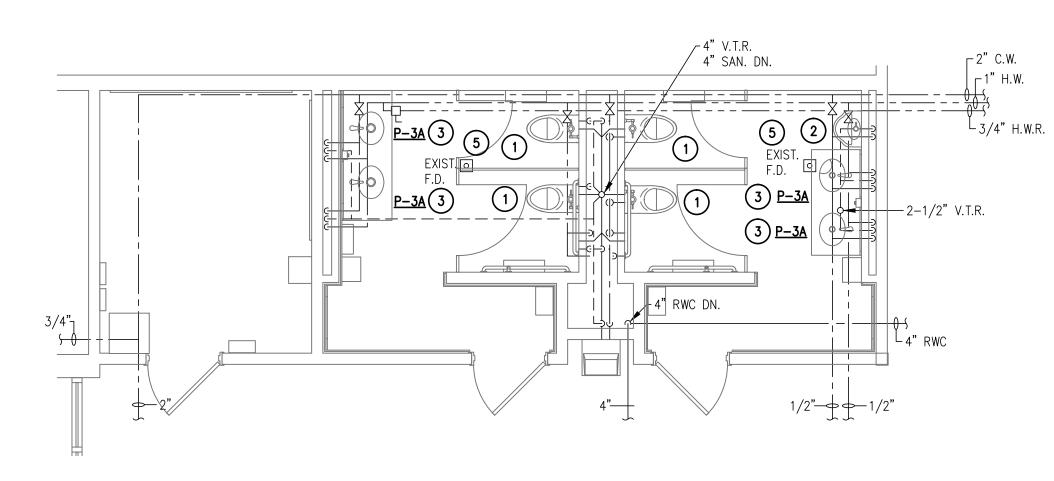
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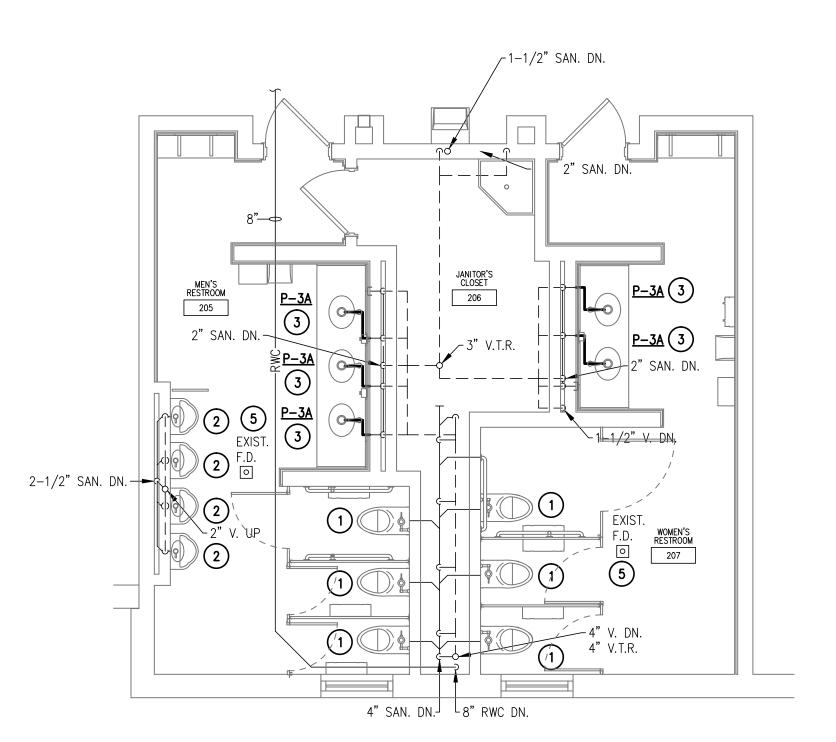
<u>ENLARGED FIRST FLOOR PLAN — RESTROOM (THEATRE)</u> <u>ADD. ALTERNATE — ABOVE FLOOR SANITARY PLUMBING</u> SCALE: 1/4" = 1'-0"



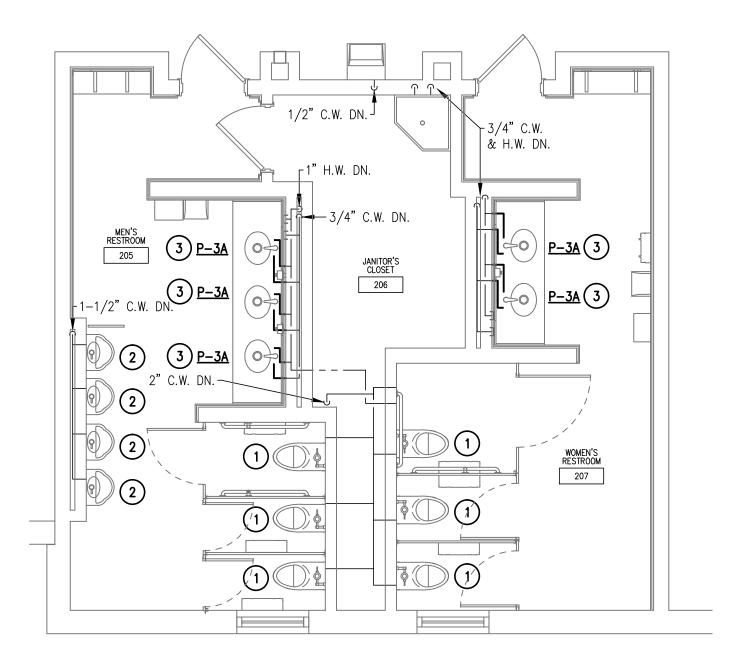
<u>ENLARGED FIRST FLOOR PLAN — RESTROOM (THEATRE)</u>
<u>ADD. ALTERNATE — ABOVE FLOOR DOMESTIC PLUMBING</u> SCALE: 1/4" = 1'-0"



ENLARGED FIRST FLOOR PLAN — RESTROOM ADD. ALTERNATE — ABOVE FLOOR PLUMBING SCALE: 1/4" = 1'-0"



ENLARGED SECOND FLOOR PLAN — RESTROOM (COMMON)
ADD. ALTERNATE — ABOVE FLOOR SANITARY PLUMBING SCALE: 1/4" = 1'-0"



ENLARGED SECOND FLOOR PLAN — RESTROOM (COMMON)
ADD. ALTERNATE — ABOVE FLOOR DOMESTIC PLUMBING SCALE: 1/4" = 1'-0"

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ALL EXISTING RAINWATER PIPING IS EXISTING TO REMAIN, UNLESS NOTED OTHERWISE.

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- 3 INSTALL NEW LAVATORY AND CONNECT TO EXISTING SERVICE LINES BELOW COUNTER.
- RE-INSTALL MOP SINK IN ORIGINAL LOCATION. RECONNECT TO EXISTING WATER AND SANITARY LINES.
- 5 ADJUST FLOOR DRAIN HEIGHTS TO ACCOMMODATE NEW FLOOR.



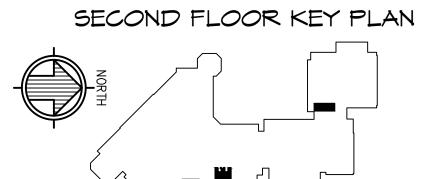
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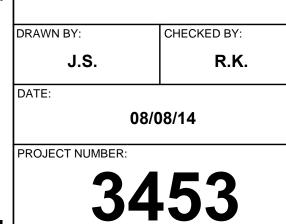
FIRST & SECOND FLOOR PLANS - ADD. **ALT. - PLUMBING**

CONSTRUCTION **DOCUMENTS**



FIRST FLOOR KEY PLAN





PLUMBING GENERAL NOTES

1. ALL SYSTEMS ARE SHOWN SCHEMATICALLY. THE DRAWINGS ARE GENERALLY DIAGRAMMATIC AND INDICATIVE OF THE WORK TO BE PERFORMED. THE DRAWINGS ARE NOT INTENDED TO SHOW EXACT LOCATIONS OR TO SHOW EVERY PIPE, FITTING, VALVE OR APPURTENANCE REQUIRED FOR A COMPLETE INSTALLATION.

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- 2. DO NOT SCALE LOCATION DIMENSIONS FROM THESE DRAWINGS.
- 3. CHECK AND VERIFY ALL CONDITIONS AT THE SITE WITHIN THE CONTRACT LIMITS.
- 4. IT IS INTENDED THAT THE DRAWINGS AND SPECIFICATIONS SHALL PROVIDE A WORKING INSTALLATION COMPLETE IN EVERY DETAIL AND ALL ITEMS NECESSARY FOR A COMPLETE INSTALLATION SHALL BE FURNISHED.
- 5. THE OMISSION OF EXPRESSED REFERENCE IN THE DRAWINGS OR SPECIFICATION TO ANY LABOR OR MATERIAL NECESSARY FOR THE PROPER EXECUTION OF THE WORK IN ACCORDANCE WITH PRESENT GOOD PRACTICE OF THE TRADE SHALL NOT RELIEVE THIS CONTRACTOR FROM PROVIDING SUCH ADDITIONAL LABOR AND MATERIAL UNDER THIS CONTRACT.
- 6. ALL INSTALLATION AND WORK SHALL BE PERFORMED IN A NEAT, WORKMANLIKE MANNER SO AS NOT TO DAMAGE ANY SURFACES, EQUIPMENT OR MATERIALS.
- 7. ALL EQUIPMENT AND MATERIALS INCORPORATED IN THIS WORK SHALL BE NEW UNLESS NOTED OTHERWISE AND SHALL BE CURRENT PRODUCTS BY MANUFACTURERS REGULARLY ENGAGED IN THE PRODUCTION OF SUCH PRODUCTS.
- 8. MANUFACTURERS AND MODEL NUMBERS REFERENCED ON THESE DRAWINGS ARE FOR REFERENCE ONLY AND TO ESTABLISH A BASIS OF DESIGN. PRODUCTS PROVIDED BY ALTERNATE MANUFACTURERS SHALL BE CONSIDERED PROVIDING THEY MEET THE QUALITY STANDARDS REFERENCED HEREIN.
- 9. INSTALL ALL EQUIPMENT AND MATERIALS IN STRICT ACCORDANCE WITH RESPECTIVE MANUFACTURER'S WRITTEN INSTRUCTIONS. MAINTAIN CLEARANCES FOR ACCESS TO SERVICE EQUIPMENT, VALVES AND CONTROLS.
- 10. COORDINATE PLUMBING WORK WITH THE WORK OF ALL OTHER TRADES.
- 11. ALL DIMENSIONS AND PIPE SIZES ARE IN INCHES, UNLESS NOTED OTHERWISE.
- 12. FURNISH AND INSTALL ACCESS PANELS WHERE REQUIRED FOR ACCESS TO ALL CONCEALED VALVES OR EQUIPMENT WHERE NO OTHER MEANS IS PROVIDED.
- 13. RUN CONCEALED PIPING ON ROOM SIDE OF THE BUILDING INSULATION, UNLESS NOTED OTHERWISE.
- 14. CONSTRUCTION MATERIALS AND EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE LEGALLY DISPOSED OF OFF THE SITE UNLESS NOTED OTHERWISE.
- 15. COORDINATE WORK WITH STRUCTURAL AND ARCHITECTURAL FEATURES AND PROVIDE OFFSETS AND FITTINGS AS REQUIRED.
- 16. PATCH ALL OPENINGS IN BUILDING CONSTRUCTION WHERE PIPING, FIXTURES, ETC. ARE REMOVED. PATCHING SHALL BE THE SAME MATERIALS AS THE SURROUNDING CONSTRUCTION. FINISH TO MATCH EXISTING TO THE GREATEST EXTENT POSSIBLE.
- 17. SEAL ALL PENETRATIONS OF FIRE AND SMOKE RATED PARTITIONS IN ACCORDANCE WITH ALL APPLICABLE CODES WITH A UL LISTED SYSTEM.
- 18. SEAL ALL PENETRATIONS THROUGH EXTERIOR WALLS, FLOORS AND ROOFS WATERTIGHT.
- 19. ALL EQUIPMENT AND PIPING ABOVE CEILING SHALL BE SUPPORTED IN AN APPROVED MANNER FROM THE BUILDING STRUCTURE AND INCLUDE HANGERS AND RESTRAINTS IN ACCORDANCE WITH ALL APPLICABLE CODES AND SEISMIC RESTRAINT REQUIREMENTS.
- 20. WHERE EQUIPMENT, PIPING, FIXTURES, ETC. TO REMAIN IS SUPPORTED FROM EQUIPMENT AND/OR PIPING BEING REMOVED, EXTEND EXISTING HANGERS OR PROVIDE NEW HANGERS AND SUPPORTS AS REQUIRED TO RE—SUPPORT ITEMS FROM THE BUILDING STRUCTURES.
- 21. EXISTING EQUIPMENT AND MATERIALS SHALL REMAIN, UNLESS NOTED OTHERWISE.
- 22. MINIMUM SIZE OF BELOW GRADE SANITARY AND WASTE PIPING SHALL BE 2".
- 23. CONNECT WATER, WASTE AND VENT PIPING TO FIXTURES IN ACCORDANCE WITH SIZE INDICATED ON THE FIXTURE SCHEDULE.
- 24. RUNOUTS TO EQUIPMENT SHALL BE SIZE AS INDICATED AND INCREASED OR REDUCED AT THE POINT OF FINAL CONNECTION TO THE EQUIPMENT.
- 25. PROVIDE ESCUTCHEONS AT ALL EXPOSED PIPE PENETRATIONS OF FLOORS, WALLS AND CEILINGS.
- 26. SLOPE ALL SANITARY, WASTE AND STORM WATER LINES 2" AND UNDER 1/4" PER FOOT AND 2-1/2" AND LARGER 1/8" PER FOOT, UNLESS NOTED OTHERWISE.
- 27. ALL SYSTEMS SHALL BE TESTED FOR PROPER OPERATION IN ACCORDANCE WITH APPLICABLE CODES OR REGULATIONS
- 28. INSTALL ALL WORK IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS.
- 29. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS AND INSPECTIONS AS REQUIRED TO COMPLETE THE INSTALLATION AS INDICATED ON THESE DRAWINGS.
- 30. PROVIDE OWNER WITH CERTIFICATES OF FINAL INSPECTIONS AND ACCEPTANCE FROM THE AUTHORITY HAVING JURISDICTION.
- 31. CONTRACTOR SHALL VERIFY LOCATION OF EXISTING UNDERGROUND UTILITIES AND PIPING BEFORE COMMENCING WORK AND WILL BE FULLY RESPONSIBLE FOR ALL DAMAGES WHICH MIGHT OCCUR BY THE FAILURE TO EXACTLY LOCATE AND PRESERVE ANY UNDERGROUND UTILITIES.

PLUMBING LEGEND

SHUT-OFF VALVE		TRAP PRIMER		PLUMBING DEMOLITION WORK	AD	AREA DRAIN	EXP	EXPANSION	MTD	MOUNTED
GLOBE VALVE	0	PIPE UP		SOFTENED DOMESTIC COLD WATER PIPING	AR	ACID RESISTING	EXT	EXTERIOR	MV	MEDICAL VACUUM
	0				ARCH	ARCHITECTURAL	FC0	FLOOR CLEAN OUT	NFWH	NON-FREEZE WALL HYDRANT
CHECK VALVE	T	PIPE DOWN	——————————————————————————————————————	DE-IONIZED WATER PIPING	AUTO	AUTOMATIC	FD	FLOOR DRAIN	OX	OXYGEN
DOUBLE CHECK BACKFLOW PREVENTOR		TEE DOWN	RO	REVERSE OSMOSIS WATER PIPING	AV	ACID VENT	FFD	FUNNEL FLOOR DRAIN	PD	PRESSURE DROP
REDUCED PRESSURE BACKFLOW PREVENTOR	+- c	HOSE BIBB		DOMESTIC COLD WATER PIPING	AW	ACID WASTE	FLR	FLOOR	PLBG	PLUMBING
2 WAY CONTROL VALVE	 c	FREEZE PROOF HOSE BIBB		DOMESTIC HOT WATER PIPING	BLDG	BUILDING	G	GAS	PO	PLUG OUTLET
3 WAY CONTROL VALVE	m	PIPE CAP		DOMESTIC HOT WATER RETURN PIPING	CB	CATCH BASIN	GC	GENERAL CONTRACTOR	RCP	REINFORCED CONCRETE PIPE
2 WAY SOLENOID VALVE	~	PIPE BREAK	140*	DOMESTIC HOT WATER PIPING — 140°	Cl	CAST IRON	GCO	GRADE CLEAN OUT	RET	RETURN
OS&Y VALVE	>	FLOW ARROW	140°R	DOMESTIC HOT WATER RETURN PIPING - 140°	CLG	CEILING	GD	GARAGE DRAIN	RWC	RAINWATER CONDUCTOR
BALL VALVE - NORMALLY OPEN	ılı	UNION		NATURAL GAS PIPING	CMP	CORRUGATED METAL PIPE	GEN	GENERAL	RWL	RAINWATER LEADER
	- III		_		CO	CLEAN OUT	GR	GRADE	SPEC	SPECIFICATION
BALL VALVE - NORMALLY CLOSED	⊠ AV	FLEX PIPE CONNECTION	——	PROPANE GAS PIPING	CONC	CONCRETE	HB	HOSE BIBB	SS	STAINLESS STEEL
PRESSURE REDUCING VALVE	Ϋ́	MANUAL AIR VENT	CA	COMPRESSED AIR	CONN	CONNECTION	HC	HEATING CONTRACTOR	SW	SAFE WASTE
BUTTERFLY VALVE	Δ	PIPE REDUCER	LA	LABORATORY COMPRESSED AIR	CONT'R	CONTRACTOR	HTG	HEATING	TC	TERRA COTTA
RELIEF VALVE	FS	FLOW SWITCH	MA	MEDICAL COMPRESSED AIR PIPING	CP	CONCRETE PIPE	HTR	HEATER	T'STAT	THERMOSTAT
"Y" STRAINER	6 9		ox	OXYGEN PIPING	DBL	DOUBLE	INV	INVERT	UR	URINAL
VALVE ON DROP	Ť	PRESSURE SWITCH	VAC	MEDICAL VACUUM PIPING	DIA	DIAMETER	JAN	JANITOR	V	VENT
BALANCING VALVE	Π	THERMOMETER	PD	PUMP DISCHARGE PIPING	DN	DOWN	LAV	LAVATORY	VOL	VOLUME
GAS COCK	Ť	HILKMOMETEK	— — SI — —	STORM DRAINAGE PIPING — BELOW FLOOR	DWG	DRAWING	LPG	LIQUEFIED PETROLEUM GAS	VTR	VENT THROUGH ROOF
	♡	METER (GENERAL)	•		EA	EACH	MA	MEDICAL AIR	W	WASTE
WATER HAMMER ARRESTOR (LETTER DENOTES PDI SIZE)	-	, , , , , , , , , , , , , , , , , , ,	ST	STORM DRAINAGE PIPING — ABOVE FLOOR OR EXTERIOR	EC	ELECTRICAL CONTRACTOR	MAN	MANUAL	W/	WITH
(LETTER DENOTES FOI SIZE)	W (M	WATER METER	——————————————————————————————————————	EMERGENCY STORM DRAINAGE PIPING - ABOVE FLOOR OR EXTERIOR	ELEC	ELECTRIC	MAX	MAXIMUM	WC	WATER COLUMN
_	•	CONNECT TO EXISTING	AW	ACID WASTE PIPING — BELOW FLOOR	EQUIP	EQUIPMENT	MFR	MANUFACTURER	WCO	WALL CLEAN OUT
SECTION MARK		LIMIT OF DEMOLITION	——————————————————————————————————————	ACID WASTE PIPING - ABOVE FLOOR	ETR	EXISTING TO REMAIN	MH	MANHOLE	WH	WALL HYDRANT
			—— —— SAN—— ——	SANITARY DRAIN PIPING — BELOW FLOOR						
	$\left(\begin{array}{c} X-X \end{array} \right)$	MATCH LINE MARK	SAN	SANITARY DRAIN PIPING — ABOVE FLOOR	NOTE	· .				

	PLUMBING FIXTURE SCHEDULE											
SYMBOL	FIXTURE DESCRIPTION	C.W.	H.W.	SAN.	VENT	MOUNTING	RIM HEIGHT	MANUFACTURER	MODEL	TRIM MANUFACTURER	TRIM MODEL	REMARKS
P-1	WATER CLOSET — FLUSH VALVE	1"	-	4"	2"	WALL	-	-	-	-	-	RE-INSTALLED EXISTING
P-2	URINAL	3/4"	-	2"	1-1/2"	WALL	-	-	-	-	-	RE-INSTALLED EXISTING
P-3	LAVATORY	1/2"	1/2"	1-1/2"	1-1/4"	UNDERMOUNT	ADA	SLOAN	SS-3001	SLOAN	SOLIS EAF-275	
P-3A	LAVATORY	1/2"	1/2"	1-1/2"	1-1/4"	UNDERMOUNT	ADA	SLOAN	SS-3001	MOEN	8215F05	
P-4	NOT USED	_	ı	-	-	_	-	_	-	-	-	
P-5	NOT USED	-	1	_	-	-	-	-	-	-	-	
P-6	MOP SINK	1/2"	1/2"	2"	1-1/2"	FLOOR	-	-	-	-	-	RE-INSTALLED EXISTING
P-7	WATER FOUNTAIN	1/2"	ı	1-1/2"	1-1/4"	WALL	-	-	-	_	-	RE-INSTALLED EXISTING

ABOVE

THE ABOVE SCHEDULE IS STANDARD. ALL ABBREVIATIONS

LISTED DO NOT NECESSARILY APPEAR ON THESE DRAWINGS.

ABBREVIATIONS

NOTES:

NOTE: THE ABOVE LEGEND IS STANDARD. ALL SYMBOLS AND

LINETYPES DO NOT NECESSARILY APPEAR ON THESE DRAWINGS.

- 1. REFER TO SPECIFICATIONS FOR COMPLETE FIXTURE DETAILS AND ADDITIONAL INFORMATION.
- 2. ALL FIXTURES SHALL BE CONNECTED TO THE NEAREST PLUMBING MAINS AND/OR RISERS WITH MINIMUM LINE SIZES AS SPECIFIED IN THE PLUMBING FIXTURE SCHEDULE UNLESS NOTED OR DETAILED OTHERWISE.

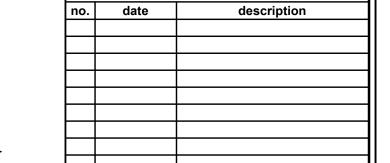
GREASE WASTE PIPING - ABOVE FLOOR

GRAY WATER PIPING — ABOVE FLOOR

— — — AV— — — ACID VENT PIPING — ABOVE FLOOR

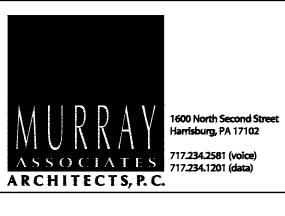
---- VENT PIPING

- 3. ALL FIXTURES AND EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS WRITTEN INSTRUCTIONS. UNLESS OTHERWISE NOTED ON THE DRAWINGS OR SPECIFIED HEREIN, FIXTURES, EQUIPMENT, TRIM AND ACCESSORIES SHALL BE MOUNTED OR INSTALLED IN ACCORDANCE WITH THE STANDARD ROUGHING—IN—DIMENSIONS OBTAINED FROM THE MANUFACTURER.
- 4. VERIFY ALL MOUNTING HEIGHTS AND LOCATIONS WITH THE ARCHITECTURAL PLANS PRIOR TO INSTALLATION.



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PLUMBING -SYMBOLS, DETAILS & SCHEDULES

CONSTRUCTION DOCUMENTS

R.K.

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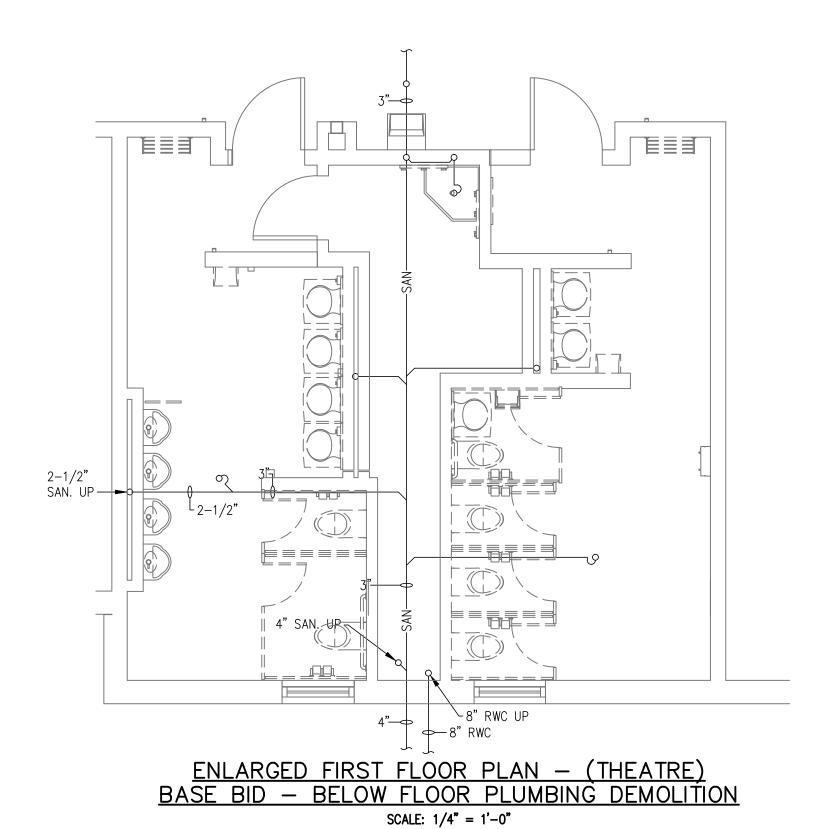
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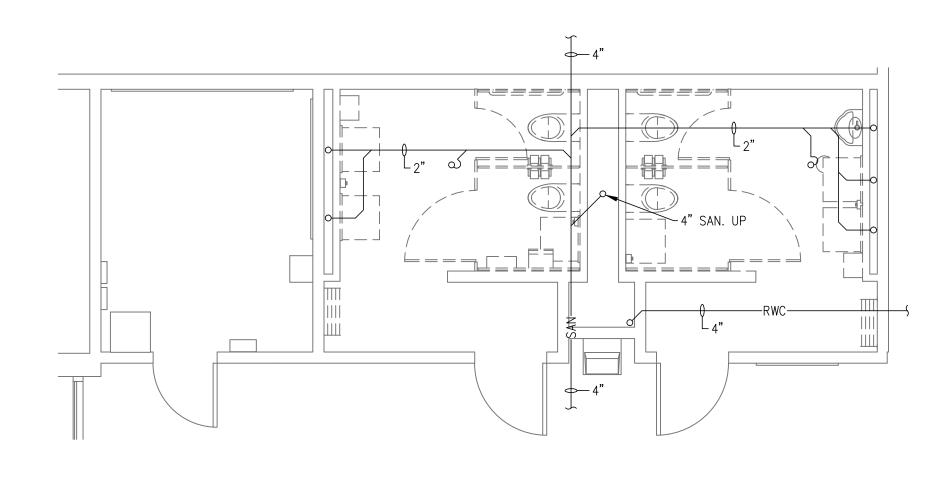
Consulting Engineers

100 Winding Creek Boulevard
Mechanicsburg, Pa. 17050
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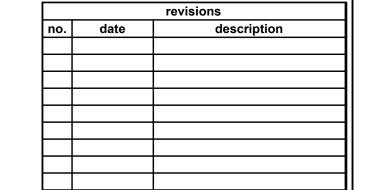
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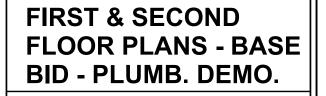


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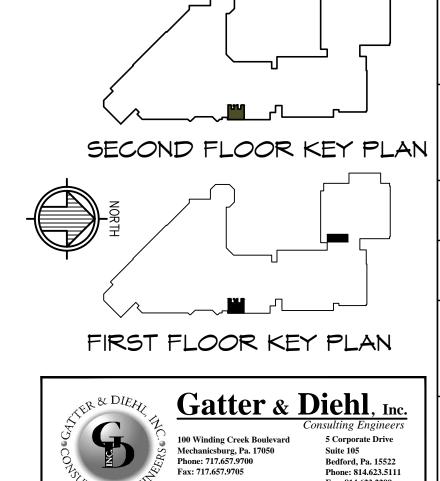
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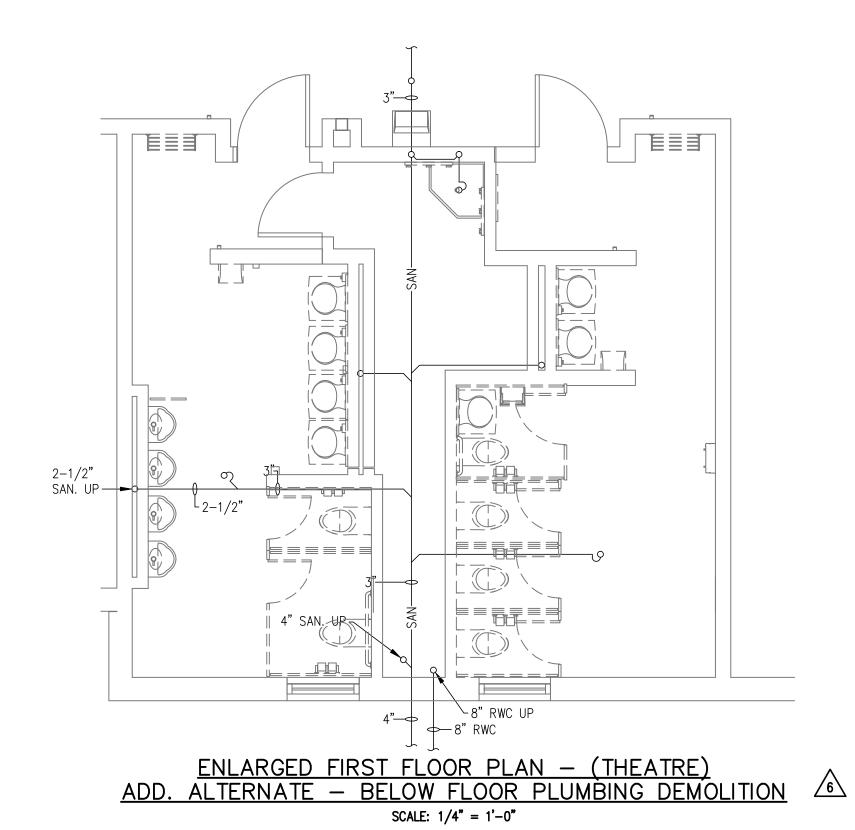
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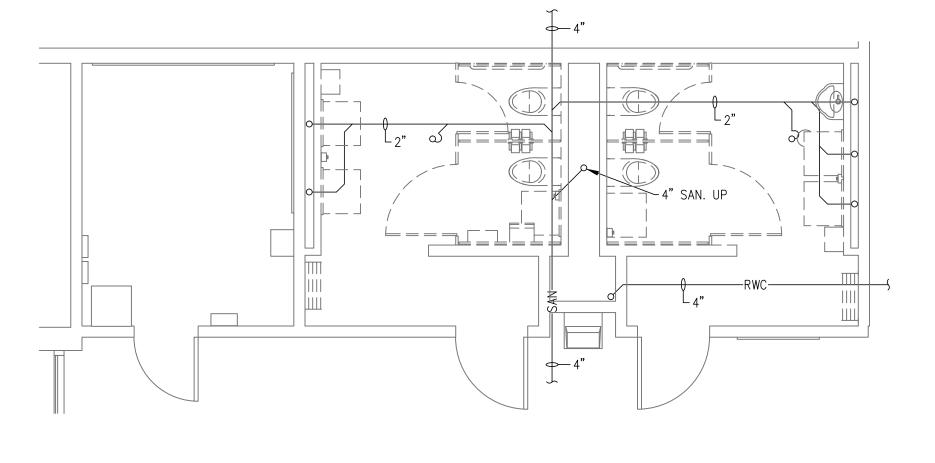
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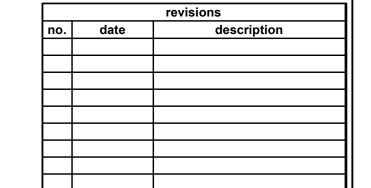




ENLARGED FIRST FLOOR PLAN —

ADD. ALTERNATE — BELOW FLOOR PLUMBING DEMOLITION

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



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FIRST & SECOND FLOOR PLANS - ADD. ALT. - PLUMB. DEMO.

CONSTRUCTION

R.K.

SECOND FLOOR KEY PLAN DOCUMENTS

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FIRST FLOOR KEY PLAN

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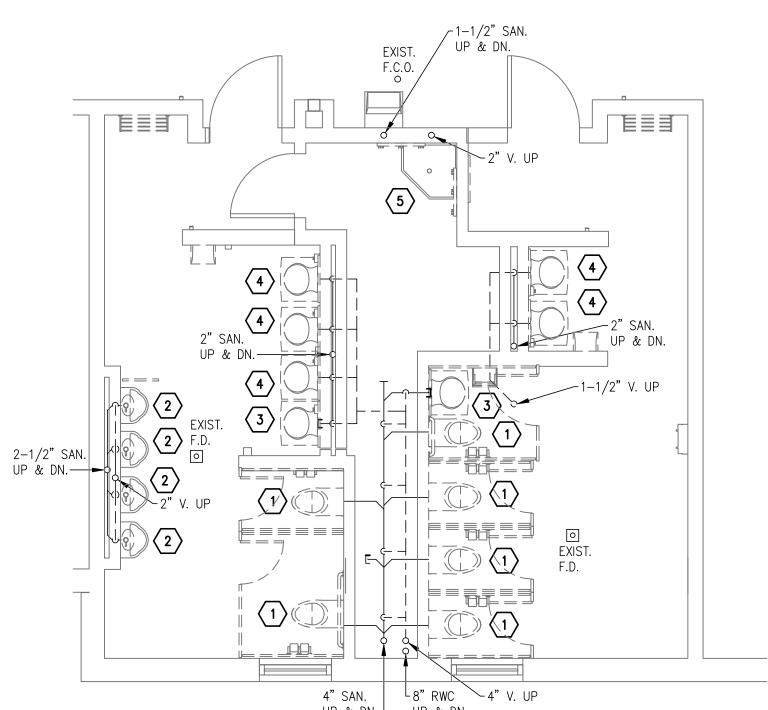
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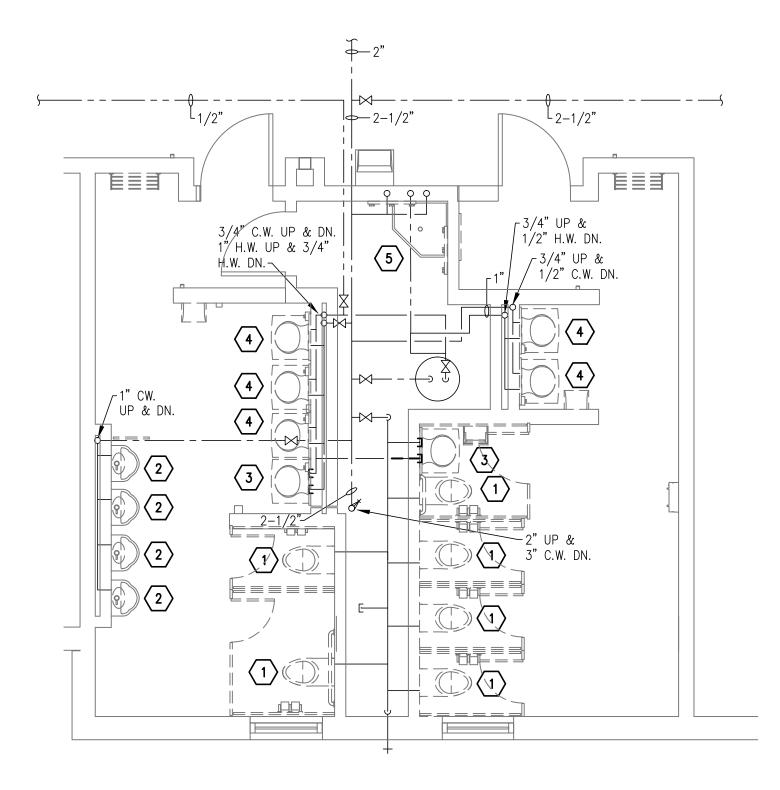
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4" SAN. UP & DN. UP & DN.

ENLARGED FIRST FLOOR PLAN — RESTROOM (THEATRE)
BASE BID — ABOVE FLOOR SANITARY PLUMBING DEMOLITION

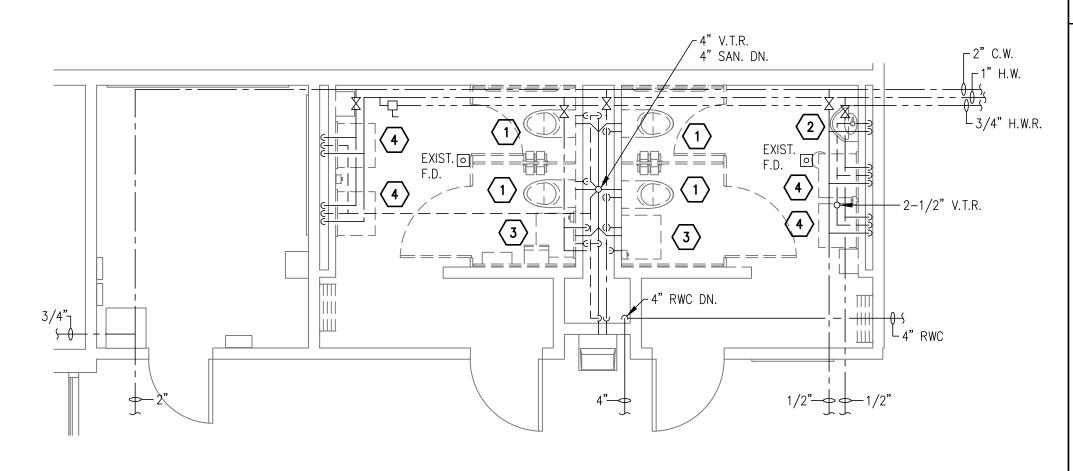
SCALE: 1/4" = 1'-0"



ENLARGED FIRST FLOOR PLAN — RESTROOM (THEATRE)

BASE BID — ABOVE FLOOR DOMESTIC PLUMBING DEMOLITION

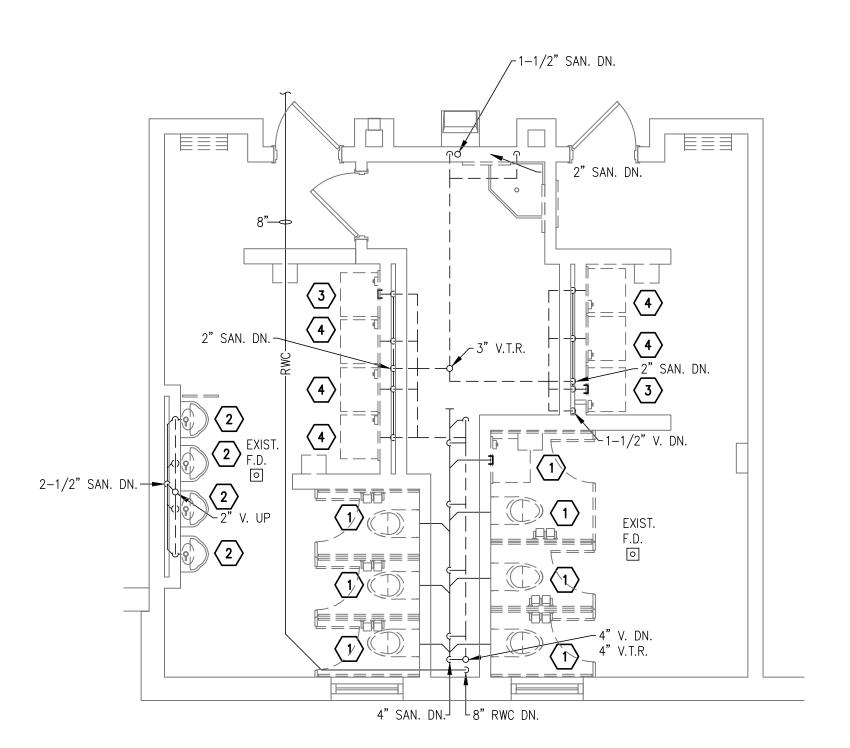
SCALE: 1/4" = 1'-0"



ENLARGED FIRST FLOOR PLAN — RESTROOM

BASE BID — ABOVE FLOOR PLUMBING DEMOLITION

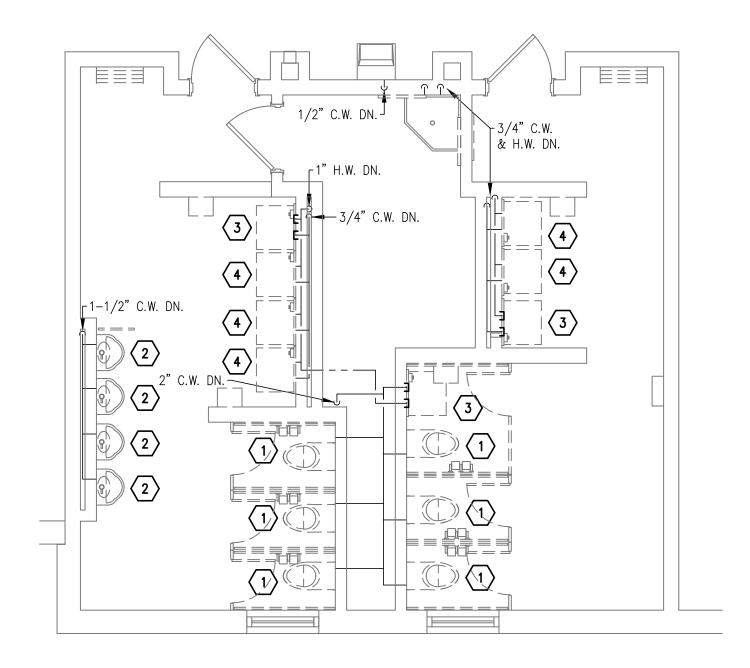
SCALE: 1/4" = 1'-0"



ENLARGED SECOND FLOOR PLAN — RESTROOM (COMMON)

BASE BID — ABOVE FLOOR SANITARY PLUMBING DEMOLITION

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



<u>ENLARGED SECOND FLOOR PLAN — RESTROOM (COMMON)</u>

<u>BASE BID — ABOVE FLOOR DOMESTIC PLUMBING DEMOLITION</u>

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

DEMOLITION NOTES

- 1 REMOVE REGISTER, DUCTWORK AND ALL ASSOCIATED ITEMS.
- REMOVE ELECTRIC WALL HEATER AND ALL ASSOCIATED ITEMS. STORE UNIT FOR RE-INSTALLATION AT SAME LOCATION AFTER COMPLETION OF WALL FINISHES
- REMOVE EXHAUST FAN AND ALL ASSOCIATED ITEMS. PREPARE ROOF FOR NEW FAN AT SAME LOCATION.
- REMOVE FAN SWITCH AND ALL ASSOCIATED ITEMS.
- 5 REMOVE FIRE DAMPER AND ALL ASSOCIATED ITEMS.



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FIRST & SECOND FLOOR PLANS - BASE BID - PLUMB. DEMO.

CONSTRUCTION DOCUMENTS

SECOND FLOOR KEY PLAN

FIRST FLOOR KEY PLAN

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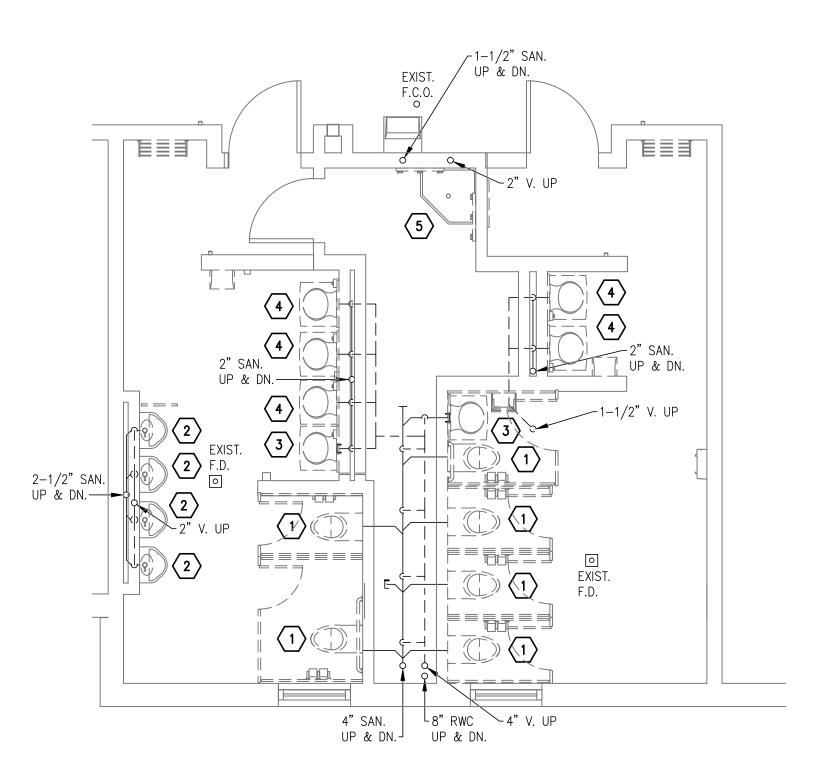
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DATE:

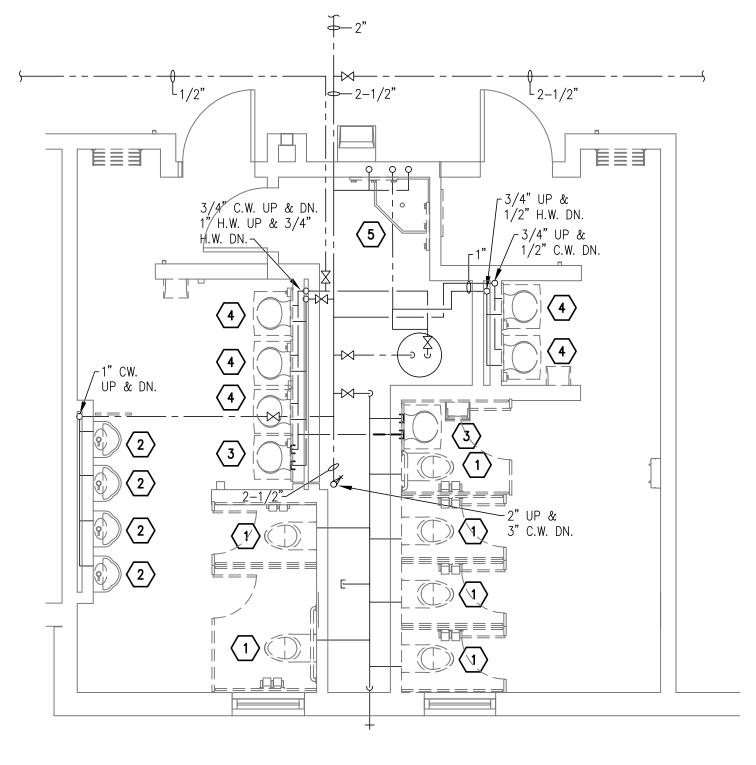
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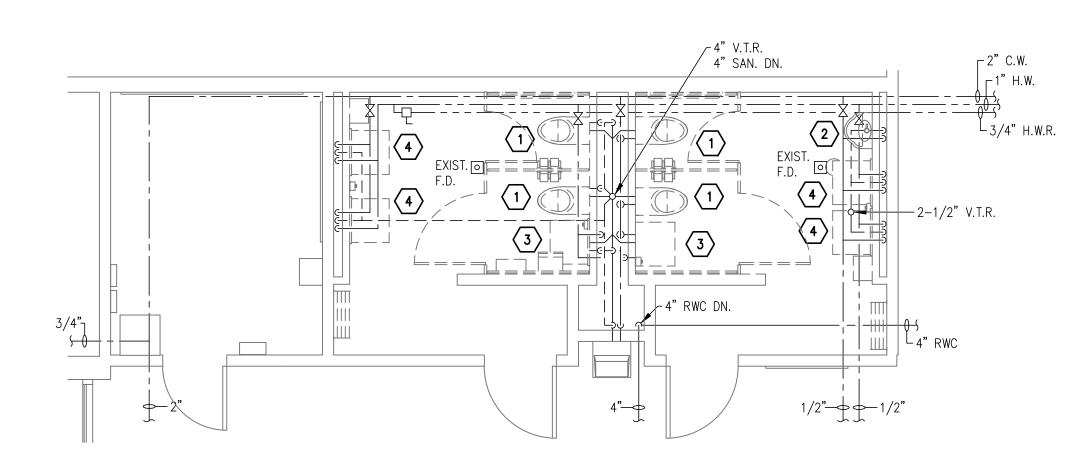


ENLARGED FIRST FLOOR PLAN - RESTROOM (THEATRE) ADD. ALTERNATE - ABOVE FLOOR SANITARY PLUMBING DEMOLITION 6 SCALE: 1/4" = 1'-0"

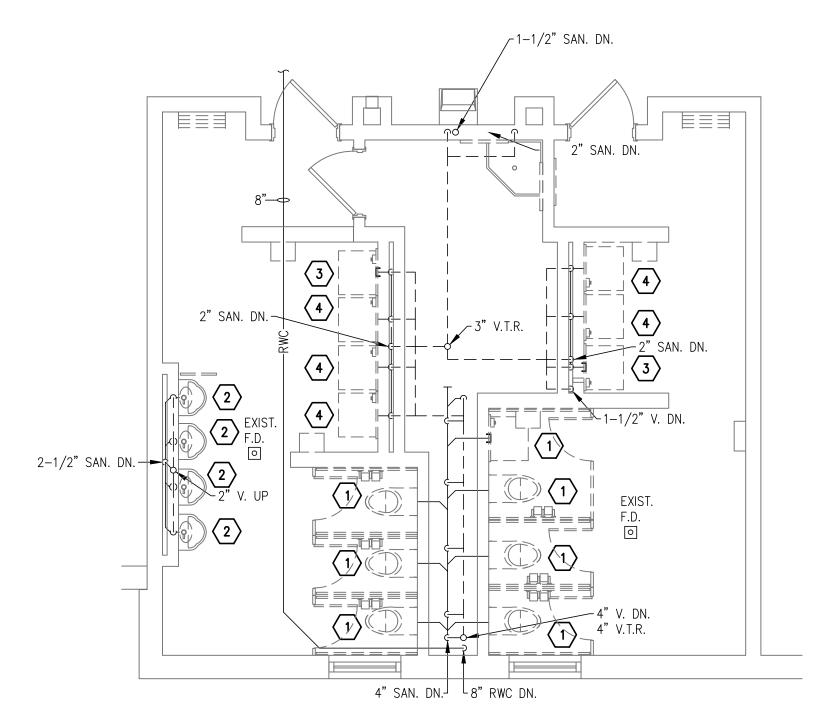


ENLARGED FIRST FLOOR PLAN — RESTROOM (THEATRE)

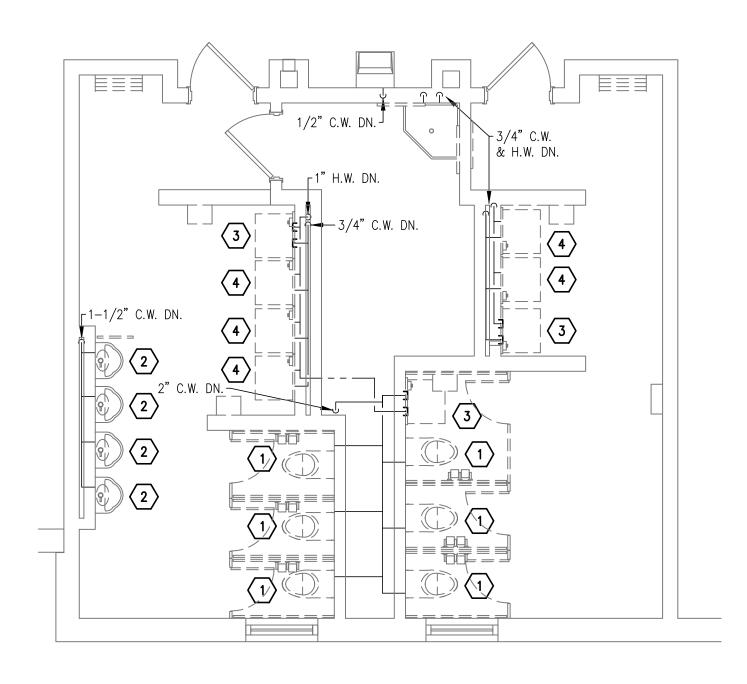
ADD. ALTERNATE — ABOVE FLOOR DOMESTIC PLUMBING DEMOLITION SCALE: 1/4" = 1'-0"



ENLARGED FIRST FLOOR PLAN — RESTROOM
ADD. ALTERNATE — ABOVE FLOOR PLUMBING DEMOLITION SCALE: 1/4" = 1'-0"



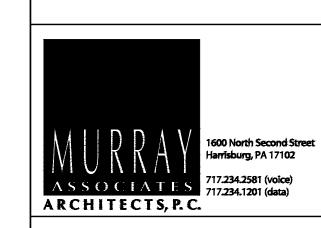
ENLARGED SECOND FLOOR PLAN - RESTROOM (COMMON) ADD. ALTERNATE - ABOVE FLOOR SANITARY PLUMBING DEMOLITION SCALE: 1/4" = 1'-0"



ENLARGED SECOND FLOOR PLAN — RESTROOM (COMMON)
ADD. ALTERNATE — ABOVE FLOOR DOMESTIC PLUMBING DEMOLITION SCALE: 1/4" = 1'-0"

DEMOLITION NOTES

- REMOVE REGISTER, DUCTWORK AND ALL ASSOCIATED ITEMS.
- REMOVE ELECTRIC WALL HEATER AND ALL ASSOCIATED ITEMS. STORE UNIT FOR RE-INSTALLATION AT SAME LOCATION AFTER COMPLETION OF WALL
- REMOVE EXHAUST FAN AND ALL ASSOCIATED ITEMS. PREPARE ROOF FOR NEW FAN AT SAME LOCATION.
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FIRST & SECOND **FLOOR PLANS - ADD.** ALT. - PLUMB. DEMO.

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