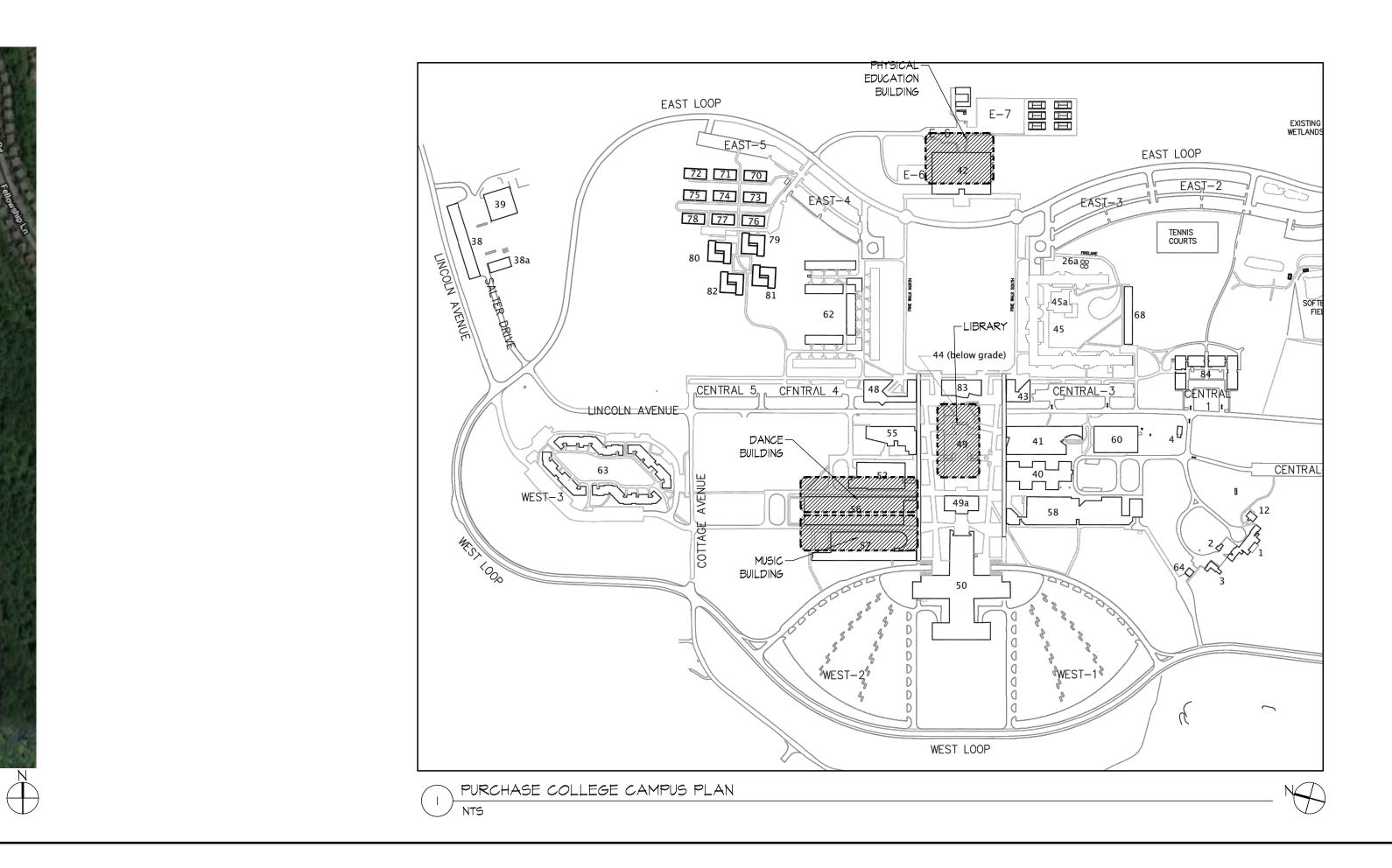
# **RESTROOM RENOVATION PURCHASE COLLEGE**

STATE UNIVERSITY OF NEW YORK



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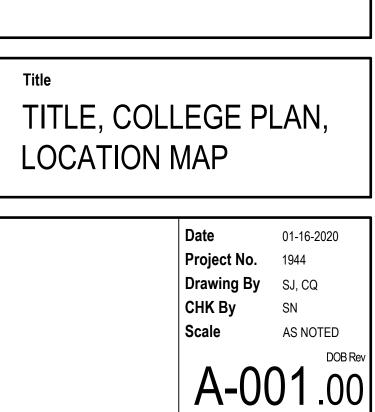
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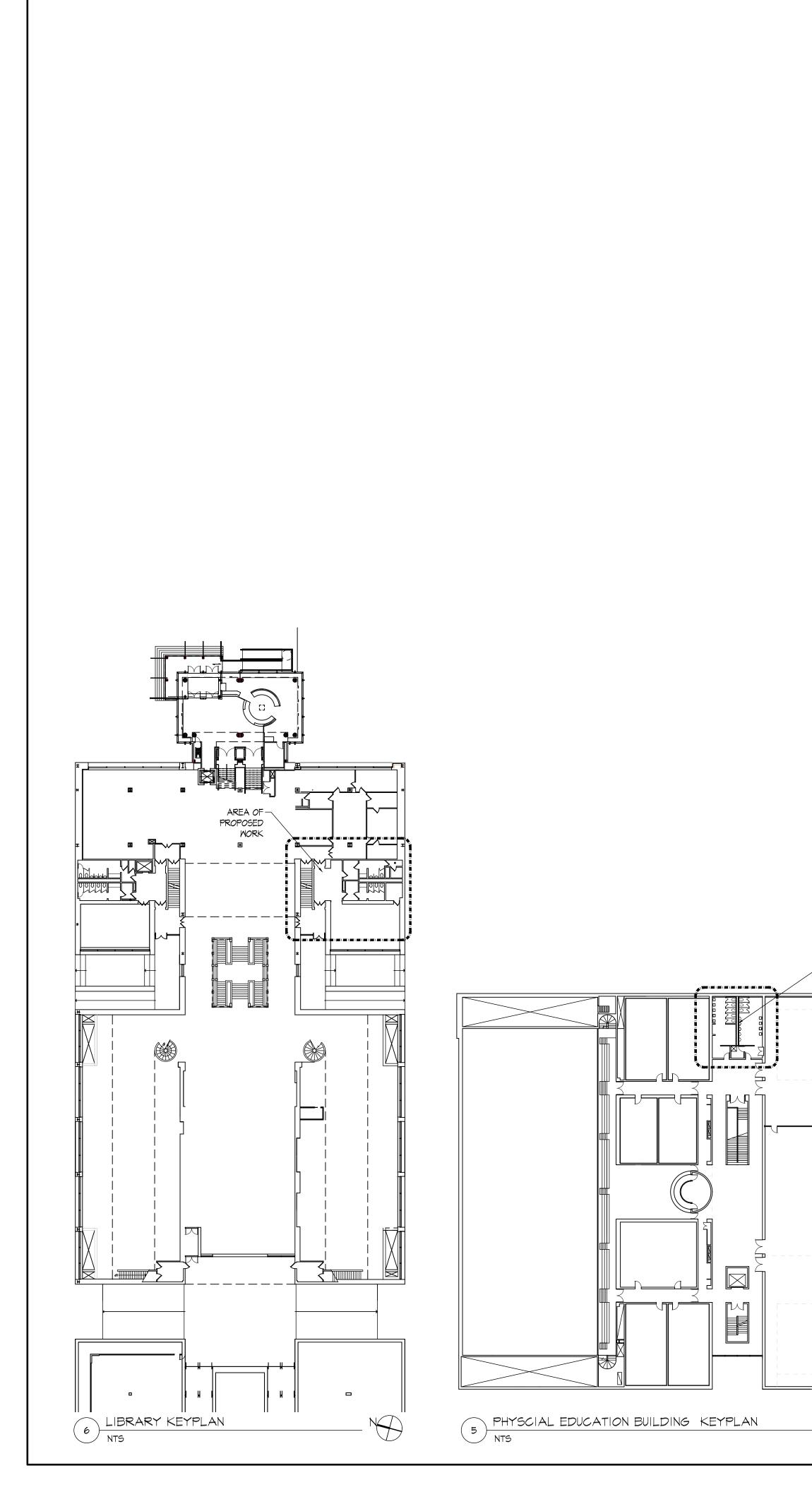
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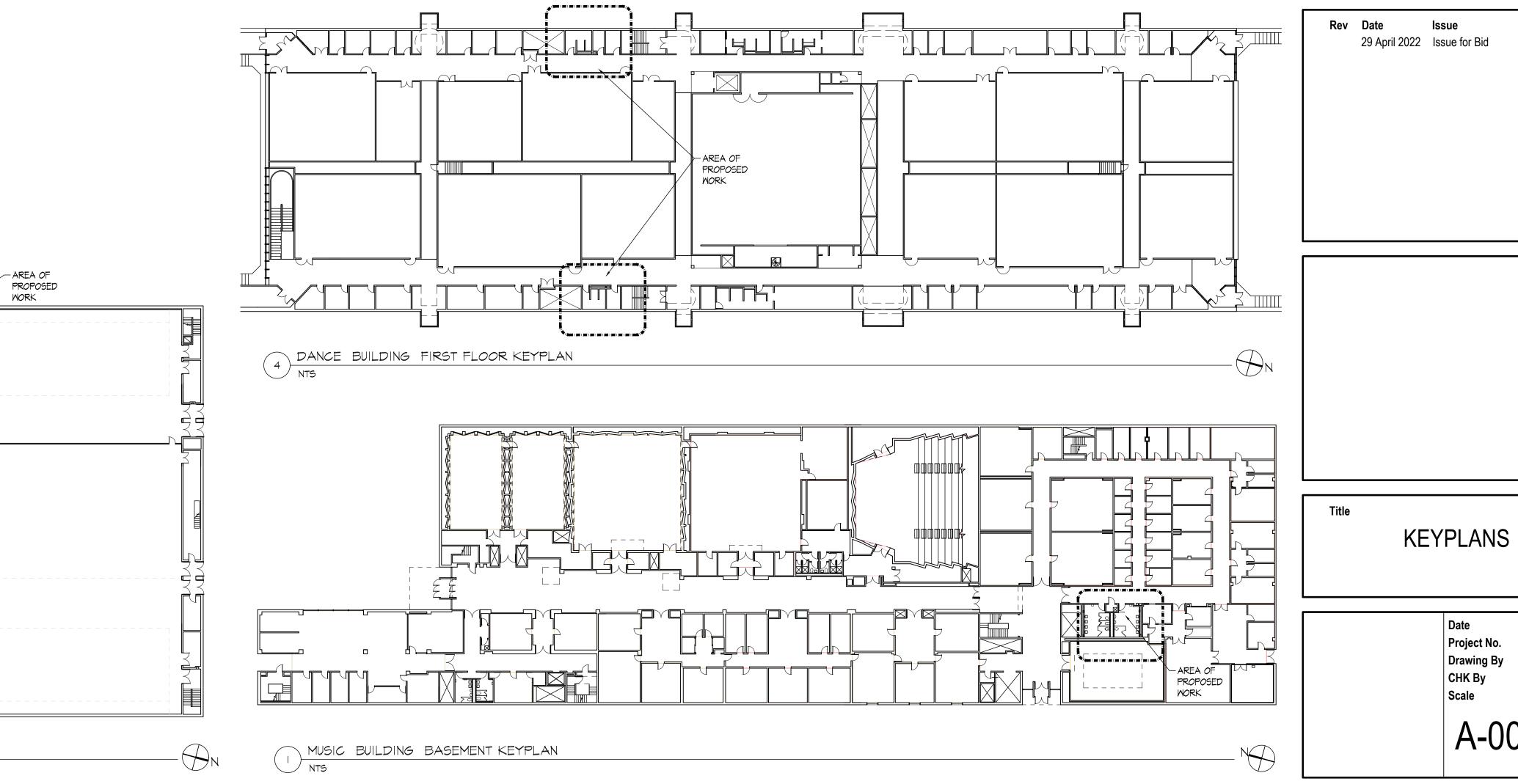
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Rev Date Issue 29 April 2022 Issue for Bid







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Date

СНК Ву

Scale

**Project No.** 1944

Drawing By SJ, CQ

01-16-2020

AS NOTED

DOB Rev

SN

A-002.00

ABBREVIA	Asbestos Containing Material Above Finish Floor	<u>SAFETY NOTES</u> 1. general:	BUILDING DEPARTMENT NOTES
4.F.F. 4Р 4СТ	Access panel Access panel Accustical Ceiling Tile	A) ALL DEMOLITION, REPAIRS & ALTERATIONS TO BE DONE IN	<ol> <li>ALL DOORS MUST COMPLY WITH NYS REGULATIONS REGARDING INCOMBUSTIBLE MATERIALS.</li> </ol>
	Additional Adjacent, Adjustable	ACCORDANCE WITH THE NY STATE BLDG CODE & ALL OTHER REGULATIONS & AGENCIES HAVING JURISDICTION.	2. ALL WOOD TO BE USED IN THE CONSTR. SHALL BE FIRE RETARDAI TREATED WOOD.
	Air Conditioning Aluminum	B) ANY DAMAGES TO WALL & FLOOR FINISHES IN ANY OF THE COMMON	3. FIRE-STOPPING SHALL BE AS REQ'D BY NYS BLDG CODE CHAPTER
	And Angle	AREAS OF THE BLDG AFFECTED BY THE WORK SHALL BE REPAIRED BY GC.	
, NOD RCH, ARCH'T	Anõdized Architect(ural)	C) GC TO PROVIDE REQUIRED TEMPORARY BRACING \$ SHORING	<ol> <li>ALL INTERIOR FINISHES SHALL COMPLY W/ THE NYS BLDG CODE CHAPTER &amp; INTERIOR FINISHES.</li> </ol>
XO	At Axonometric	WHEREVER ANY STRUCTURAL WORK IS INVOLVED.	5. ALL MATERIALS, ASSEMBLIES, FORMS & METHODS OF CONST & SE EQUIP SHALL COMPLY W/ THE NY STATE BLDG CODE CHAPTER I
SMT	Base Basement	2. MEANS OF EGRESS:	SECTION 104: MATERIALS, EQUIPMENT & METHODS OF CONSTRUCTION
M R	Beam Bedroom	A) ALL EX'G MEANS OF EGRESS FROM THE BLDG TO BE MAINTAINED CLEAR & FREE OF ALL OBSTRUCTIONS SUCH AS BLDG	7. ALL WORK MUST COMPLY W/ CHAPTER II OF THE 2020 NYS BUILD CODE, ANSI AII7.1/2009 \$ ALL CODES ASSOCIATED WITH THE
TWN LK'G	Between Blocking	MAINTAINED CLEAR & FREE OF ALL OBSTRUCTIONS SUCH AS BLUG MATERIALS, TOOLS, ETC.	AMERICANS WITH DISABILITIES ACT (ADA).
5D 5.S.&A.	Board Board of Standards and Appeals	3. FIRE SAFETY:	9. ALL PARTITIONS OF PUBLIC CORRIDORS, HALL PASSAGES, & OTHE PERMANENT PARTITIONS TO BE OF I HOUR FIRE RESISTIVE RATING
OTT, B.O. LDG	Bottom (of) Building	A) ALL BLDG MATERIALS STORED AT THE CONSTR. AREA & OR ANY AREA OF THE BLDG ARE TO BE SECURED IN A LOCKED AREA IN AN	3/4 HOUR APPROVED TYPE DOOR.
/AB'T /.H.	Cabinet, Cabinetry Ceiling Height	ORDERLY FASHION. ACCESS TO SUCH AREAS TO BE CONTROLLED BY OWNER AND/OR GC.	IO.ALL MECHANICAL SPACES & SHAFTS TO BE OF 2 HOUR FIRE RESI: RATING WITH 1 ½ HOUR APPROVED TYPE DOOR.
PT LG	Carpēt Ceiling	B) ALL FLAMMABLE MATERIALS ARE TO BE KEPT TIGHTLY SEALED IN	II. HUNG CEILING TO CONFORM WITH NYS BLDG CODE CHAPTER 7 FOR
MU TR	Concrete Masonry Unit Center	THEIR MFR'S CONTAINERS, TO BE KEPT AWAY FROM HEAT & IN AN ADEQUATELY VENTILATED SPACE.	CLASS I FIREPROOFING.
- ∕⊤ ∙L	Center Line Ceramic Tile Closet	C) ALL ELECTRICAL POWER TO BE SHUT OFF WHERE CONDUIT IS	12. ALL METAL STUD PARTITIONS TO BE CONSTRUCTED IN ACCORDAN NYS BUILDING CODE CHAPTER 7 & 22 & ALL APPLICABLE INDUSTR
LR	Closel Clear Column	EXPOSED. ALL ELECTRICAL POWER IN THE CONSTRUCTION AREA TO BE SHUT OFF AFTER WORKING HOURS.	STANDARDS. 13 SPECIAL & PROGRESS INSPECTIONS SHALL BE CARRIED OUT IN
OL OORD ONC	Coordinate Coordinate Concrete	D) AT ALL TIMES, GC TO MAKE SURE THERE IS NO LEAKAGE OF	ACCORDANCE W CHAPTER 17 OF THE NYS BUILDING CODE.
OND ONSTR	Condition Construction	NATURAL GAS OR ANY FLAMMABLE GAS USED IN CONSTR. IN THE BLDG.	SPECIAL INSPECTION CODE REF.
ONT	Continuous Corridor		I. FIRE RESISTANT PENETRATIONS & JOINTS PROGRESS INSPEC CODE REF. BC 1705
ORR PTL PIA	Corridor Detail Diameter	4. DUST CONTROL, WORK HOURS, PROTECTION AND NOISE:	2. ENERGY CODE COMPLIANCE CODE REF. BC 109.3
IFF	Diffuser	A) GC SHALL MINIMIZE & CONFINE TO THE IMMEDIATE CONSTR. AREA DEBRIS, DIRT & DUST FROM PERMEATING OTHER PARTS OF THE BLDG	3. FINAL CODE REF. IRCNY IC
PIM PR PBL	Dimension Door Double	DURING CONSTR. ALL MATERIALS & RUBBISH WILL BE PLACED IN BARRELS OR BAGS BEFORE BEING REMOVED FROM THE AREA OF	IN ADDITION TO ABOVE INSPECTIONS, REFER TO MEP DWGS FOR
N N	Double Down Dish Washer	BARRELS OR BAGS BEFORE BEING REMOVED FROM THE AREA OF WORK.	REQUIRED SPECIAL INSPECTIONS PER EACH TRADE.
PWR DWR	Drawer	B) DEBRIS, DUST & DIRT WILL BE CLEARED FROM THE BLDG	14. CONTRACTOR IS RESPONSIBLE FOR ARRANGING SPECIAL INSPECT REQ'D FOR FINAL SIGN-OFFS W/ AUTHORITIES HAVING JURISDICTIC
PWG A	Drawing Each Elevation	REGULARLY TO AVOID ANY EXCESSIVE ACCUMULATION. C) IF LEAD PAINT OR ACM IS ENCOUNTERED. IT SHALL BE HANDLED \$	OWNER SHALL RETAIN TESTING FIRMS & SPECIAL INSPECTION AGE
	Elevation Elevator Electrical	ABATED BY LICENSED CONTRACTOR IN ACCORDANCE WITH FEDERAL \$	
LEC NCST	Encaustic	NY STATE LAWS.	ACCESSIBILITY DESIGN NOTES:
Q X'G ~T	Equal Existing Exterior	5. CONSTRUCTION THAT REQUIRES INTERRUPTION OF HEATING, WATER OR	
XT XTR	Exterior Extruded Face of	ELECTRICAL SERVICES IN THE BLDG, SHALL BE COORDINATED BETWEEN GC AND THE COLLEGE & SHALL NOT DELAY SCHEDULE.	ACCESSIBILITY REGULATION AS PER:
.O. STN	Face of Fasten Finish	22. LENGO AND THE OVEREDE & ONALE NOT DELAT GUTLINE.	<ul> <li>CHAPTER II OF 2020 NYS BUILDING CODE</li> <li>ICC/ANSI A II7.I -2009 AND ADA</li> </ul>
IN IXT	Fixture	6. CAMPUS REQUIRES A MIN OF 72 HOURS ADVANCED NOTICE FOR ANY	<ul> <li>2010 ADA STANDARDS FOR ACCESSIBLE DESIGN</li> </ul>
L L'G	Floor Flooring	REQUESTED SHUTDOWNS OR DISRUPTIONS TO CAMPUS UTILITIES.	
LUOR PSC	Fluorescent Fire Proof Self-Closing Door	7. STRUCTURAL SAFETY: NO STRUCTURAL WORK SHALL BE DONE THAT	I. ACCESSIBLE ROUTE: ALL SANITARY FACILITIES SHALL BE ON ACCESSIBLE ROUTE, WITH MIN WIDTH OF 36".
RM'G	Framing Foot or Feet	MAY ENDANGER THE OCCUPANTS.	2. ALL DOORWAYS LEADING TO SUCH SANITARY FACILITIES SHALL
URR 60	Furring General Contractor		A) A CLEAR UNOBSTRUCTED OPENING WIDTH OF 32"
	Glass Ground Fault Interrupter Guaran Wall Basad	PURCHASE COLLEGE NOTES	B) A LEVEL & CLEAR AREA FOR A MIN DEPTH OF 60" IN THE
SWB C	Gypsum Wall Board Handicapped	I. ALL CONTRACTORS & SUB-CONTRACTORS SHALL WEAR VISIBLE. EASILY	DIRECTION OF THE DOOR SWING AS MEASURED AT RIGHT ANG TO THE PLANE OF THE DOOR IN ITS CLOSED POSITION, \$ 48"
WR	Hardware Hardwood Handrail	IDENTIFIABLE ID BADGES.	THE DOOR SWINGS AWAY FROM THE LEVEL & CLEAR AREA.
	Hanarali Height Hollow Metal	2.LOUD, NOISY, DISRUPTIVE WORK (DRILLS, SAMS, POWER TOOLS, ETC.)	C) DOOR MANEUVERING CLEARANCES, AS PER 2009 404.2.3, FIG 404.2.3.2 & TABLE 404.2.3.2, SEE SHEET A-003
IM NCAND	Incandescent	SHALL BE COORDINATED WITH COLLEGE REPRESENTATIVE TO MINIMALLY DISTURB FUNCTIONING IN THE REST OF THE BLDG.	D) PERMITTED CHANGE IN LEVEL IN FLOOR SURFACES SHALL NO
NCL NT	Including Interior	3.REFER TO APPENDIX "A" SPECIAL CONDITIONS FOR CONSTRUCTION FOR	EXCEED 1/4" BEFORE MAX HEIGHT OF BEVEL 1/4" AS PER ANS 303, SEE ADA DETAIL ON SHEET A-502.
	Janitor Joint Laminated	ADDITIONAL REQUIREMENTS BY THE COLLEGE.	E) IF PROVIDED, THRESHOLDS AT DOORWAYS SHALL BE 1/2" MAX
АМ'D Т	Laminalea Light Lightweight	4.ALL ADJOINING PROPERTY AFFECTED BY ANY OPERATIONS SHALL BE	
MT IN	Lightheight Linear, Linen Low Point	PROTECTED PER REQUIREMENTS OF CHAPTER 33 OF THE NY STATE BUILDING CODE.	EXCEPTION: AN EX'G OR ALTERED THRESHOLD SHALL BE PERMITTED TO BE 3/4" MAX IN HEIGHT PROVIDED THAT THRES
.P 1FR 1BR	Lon Cont Manufacturer Master Bedroom	5.THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE	HAS A BEVELED EDGE ON EACH SIDE WITH A MAX SLOPE OF FOR THE HEIGHT EXCEEDING 1/4", (SEE ANSI 2009 404,2,4)
1AT 1AX	Master Dearbonn Material Maximum	PROTECTION OF CONDITIONS & MATERIALS WITHIN & ADJACENT TO THE PROPOSED CONSTR. AREA. THE CONTRACTOR SHALL DESIGN & INSTALL	3. SINGLE ACCOMMODATION TOILET FACILITIES: THERE SHALL BE
IC ITL	Medicine Cabinet Metal	ADEQUATE SHORING & BRACING FOR ALL CONSTR. OR REMOVAL TASKS. THE CONTRACTOR SHALL HAVE SOLE RESPONSIBILITY FOR ANY	SUFFICIENT SPACE IN TOILET ROOM FOR A WHEELCHAIR MEASUR 30"X48" TO ENTER THE ROOM & PERMIT THE DOOR TO CLOSE. A
IL I IICRO	Meter Microwave	DAMAGE OR INJURIES CAUSED BY OR DURING THE EXECUTION OF THE WORK.	ANSI 2009 404.3, CLEARANCE AROUND A W.C. SHALL BE 60" MI WIDTH, MEASURED PERPENDICULAR FROM THE SIDEWALL & SHAL
11N 11R	Minimum Mirror		56" IN DEPTH, MEASURED PERPENDICULAR FROM THE REAR WALL
ITD EC	Mounted Necessary	6.THE CONTRACTOR SHALL PROVIDE, INSTALL & MAINTAIN AIR FILTERS TO PROTECT FRESH AIR INTAKES, LOUVERS & HVAC UNITS AS REQ'D AT	REQ'D CLEARANCE AROUND THE W.C. SHALL BE PERMITTED TO OVERLAP THE W.C, ASSOCIATED GRAB BARS, PAPER DISPENSER
СС ОМ .I.C.	Nominal Not in Contract	LOCATIONS DETERMINED BY THE COLLEGE.	SANITARY NAPKIN RECEPTACLES, COAT HOOKS, SHELVES, ACCE: ROUTES, CLEAR FLOOR SPACE AT OTHER FIXTURES & THE TURNI
.T.S.	Not to Scale On center		SPACE. NO OTHER FIXTURES OR OBSTRUCTIONS SHALL BE WITHIN
2.C. DP'G DPP	On center Opening Opposite	FEMA FLOOD DATA & USGS	REQUIRED W.C. CLEARANCE. (SEE ANSI 2009 FIG.604.3) 4. GRAB BARS LOCATED ON REAR & SIDE WALL OF DESIGNATED
T, PTD NL	Paint, Painted Panel	GROUNDWATER DATA	ACCESSIBLE TOILETS SHALL BE MOUNTED BETWEEN 33"-36"
NL 'ART'N, PTN LAS	Partition Plaster	I. PER THE FEMA FLOOD INSURANCE RATE MAP, 2013	(MEASURED TO THE TOP SURFACE OF THE GRAB BAR) FROM THE FINISHED FLOOR, PARALLEL TO THE FLOOR & AT LEAST 1.5" ABC
LAS LAM	Plastic Laminate Plate	"PRELIMINARY," AS WELL AS THE 2007 MAP NUMBER 36119C0287F, EFFECTIVE ON 09/28/2007, THIS BUILDING LIES	THE FLUSHOMETERS. MIN GRAB BAR DIMS, INSTALLATION REQUIREMENTS & CLEARANCES TO FOLLOW ADA STANDARD DE
- LEXI LY	Plexiglas Plywood	OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD PLAIN.	ON SHEET A-003 AND A-004.
	Quantity Relocated	2. GROUND WATER IS NOT OF CONCERN IN THIS PROJECT, AS THE PROPOSED WORK IS CONFINED ENTIRELY TO SELECTED	5. A CLEAR FLOOR SPACE 30"X48" SHALL BE PROVIDED IN FRON LAVATORY TO ALLOW FRONT APPROACH. SUCH CLEAR FLOOR S
AD ECT	Radius, Radiator Rectangular	INTERIOR UPGRADE OF SELECTED BUILDINGS, ABOVE GRADE.	SHALL ADJOIN OR OVERLAP AN ACCESSIBLE ROUTE & SHALL EX INTO KNEE & TOE SPACE UNDERNEATH THE LAVATORY.
EF CP	Refrigerator Reflected Ceiling Plan	3. THE BLDG IS NOT LOCATED IN A SPECIAL FLOOD HAZARD	INTO KNEE & TOE SPACE UNDERNEATH THE LAVATORY. 6. A CLEAR FLOOR SPACE 30"X48" SHALL BE PROVIDED IN FRONT
EQ'D M	Required Room	AREA.	AN URINAL TO ALLOW FORWARD APPROACH. SUCH CLEAR FLOOD SPACE SHALL ADJOIN OR OVERLAP AN ACCESSIBLE ROUTE.
CHED ECT	Schedule Section		7. DOORS & HARDWARE:
H IM	Shelf Similar	2020 ENERGY CONSERVATION	A) MAX DOOR OPENING FORCE FOR ALL INTERIOR DOORS SHAL
.С. Р	Solid Core Solid Surfacing	CONSTRUCTION CODE OF NEW	EXCEED 5 LBS.
PEC .S.	Specification Stainless steel	YORK STATE	B) AS PER ANSI 2009 404.2.5, HANDLES, PULLS, LATCHES, LOCKS OTHER OPERABLE PARTS ON ACCESSIBLE DOORS SHALL HAV
Τ T TL	Stone Steel	I. STATEMENT OF COMPLIANCE:	SHAPE THAT IS EASY TO GRASP WITH ONE HAND & DOES NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRI:
TN TOR	Stain Storage	TO THE BEST OF MY KNOWLEDGE, BELIEF & PROFESSIONAL JUDGMENT, ALL WORK UNDER THIS APPLICATION IS IN	OPERATE. OPERABLE PARTS OF SUCH HARDWARE SHALL BE : \$ 48" MAX ABOVE THE FLOOR. WHERE SLIDING DOORS ARE IN
TRUCT URR.	Structural, Structure Surround	COMPLIANCE WITH THE 2020 NYS ECCC. 2. COM-CHECK ANALYSIS FOR INTERIOR LIGHTING ARE PROVIDED	FULLY OPEN POSITION, OPERATING HARDWARE SHALL BE EXPO
USP	Suspended Tile	ON ELECTRICAL DRAWINGS.	USABLE FROM BOTH SIDES. 8. FIXTURES:
	Telephone Terrazzo	<ol> <li>REFER TO MEP DRAWINGS FOR SPECIFIC ENERGY CODE COMPLIANCE PER TRADE.</li> </ol>	A) WATER CLOSETS: THE W.C. SHALL BE LOCATED WITH A WALL
ΈL	Thick, Thickness To Be Determined		PARTITION TO THE REAR \$ TO ONE SIDE. THE CENTERLINE OF
EL ERR HK			W.C. SHALL BE 16" MIN AND 18" MAX FROM THE SIDE WALL OR PARTITION. (SEE ANSI 2009 FIG. 604.2) THE HEIGHT OF W.C. S
EL ERR HK .B.D. \$B	Top and Bottom Top of		
EL ERR HK :B.D. \$B :0. YP	Top and Bottom		BE MIN OF 17" & A MAX OF 19" MEASURED TO THE TOP OF THE TOILET SEAT.
EL ERR HK :B.D. \$B :0. YP .O.N. /S	Top and Bottom Top of Typical		TOILET SEAT.
EL ERR HK B.D. \$B 0. YP 0.N. /S /CT /ERT	Top and Bottom Top of Typical Unless Otherwise Noted Underside		TOILET SEAT. B) URINALS: THE HEIGHT OF WALL HUNG URINAL RIM SHALL BE AT 17" ABOVE THE FLOOR AS PER ANSI 2009 605. FLUSH CONTRO
EL ERR HK B.B. 9 0. YP 0.N. /S /CT /ERT /EN /.I.F.	Top and Bottom Top of Typical Unless Otherwise Noted Underside Vinyl Composition Tile Vertical		TOILET SEAT. B) URINALS: THE HEIGHT OF WALL HUNG URINAL RIM SHALL BE AT
TEL TERR THK TB.D. T&B TO.N. STOR TO.N. STOR TERN TERN TO.N. STOR TERN TO.N. STOR TERN TO.N. STOR TERN TO.N. STOR TERN TO.N. STOR TENN STOR TO.N. STOR TENN STOR STOR TENN STOR STOR STOR STOR STOR STOR STOR STOR	Top and Bottom Top of Typical Unless Otherwise Noted Underside Vinyl Composition Tile Vertical Veneer Verify In Field		B) URINALS: THE HEIGHT OF WALL HUNG URINAL RIM SHALL BE AT 17" ABOVE THE FLOOR AS PER ANSI 2009 605. FLUSH CONTRA
EL ERR HK.D. #B.D. #B.O. YP.O.N. /S.T. TERN /L.F.	Top and Bottom Top of Typical Unless Otherwise Noted Underside Vinyl Composition Tile Vertical Veneer Verify In Field Width With		TOILET SEAT. B) URINALS: THE HEIGHT OF WALL HUNG URINAL RIM SHALL BE AT 17" ABOVE THE FLOOR AS PER ANSI 2009 605. FLUSH CONTRO

#### ACCESSIBILITY DESIGN NOTES CONT'D:

C) LAVATORIES: LAVATORIES ADJACENT TO A WALL SHALL BE

MOUNTED WITH A MIN DISTANCE OF 18" FROM THE CENTER LINE OF

THE FIXTURE. ALL ACCESSIBLE LAVATORIES SHALL BE MOUNTED

WITH THE RIM OR COUNTER SURFACE NO HIGHER THAN 34" ABOVE THE FLOOR & WITH A CLEARANCE OF AT LEAST 29" FROM THE

FLOOR TO THE BOTTOM OF THE APRON WITH KNEE CLEARANCE

UNDER THE FRONT LIP EXTENDING A MIN OF 30" IN WIDTH 8" MIN

DEPTH AT THE TOP. TOE CLEARANCE SHALL BE THE SAME WIDTH \$

MIN 17" DEEP FROM THE FRONT OF THE LAVATORY & MIN 9" HEIGHT

FROM THE FLOOR AS PER ANSI 2009 606.3. (SEE ANSI 2009 FIG.

D) HOT WATER & PIPES UNDER LAVATORIES SHALL BE INSULATED OR

OTHERWISE COVERED. THERE SHALL BE NO SHARP OR ABRASIVE

E) FAUCET CONTROLS & OPERATING MECHANISMS SHALL BE OPERABLE

WITH ONE HAND & SHALL NOT REQUIRE TIGHT GRASPING, PINCHING

G) MIRRORS SHALL BE MOUNTED WITH THE BOTTOM OF THE REFLECTING

SURFACE NO HIGHER THAN 40" ABOVE THE FLOOR (BETTER 39.5").

THE MIN CLEAR FLOOR SPACE MAY BE POSITIONED FOR FORWARD OR

9. CLEAR FLOOR SPACE IS THE MIN SPACE REQUIRED TO ACCOMMODATE

A STATIONARY WHEELCHAIR & ITS OCCUPANT WHICH IS MIN 30"X48".

PARALLEL APPROACH TO AN OBJECT. IT MAY BE A PART OF THE

A) FORWARD REACH: WHEN FORWARD APPROACH IS PROVIDED, THE

WHERE A FORWARD REACH IS UNOBSTRUCTED, THE HIGH

FORWARD REACH SHALL BE 48" MAX & THE LOW FORWARD

WHERE A HIGH FORWARD REACH IS OVER AN OBSTRUCTION,

ANSI 2009 SHALL EXTEND BENEATH THE ELEMENT FOR A

ABOVE THE FLOOR WHERE THE REACH DEPTH IS 20" MAX.

DEPTH SHALL BE 25" MAX. (SEE ANSI 2009 FIG. 308.2.2)

WHERE A CLEAR FLOOR SPACE COMPLYING WITH SECTION 305

MAX FROM THE ELEMENT, THE HIGH SIDE REACH SHALL BE 48"

MAX & THE LOW SIDE REACH SHALL BE 15" ABOVE THE FLOOR.

EXCEPTION: EX'G ELEMENTS THAT ARE NOT ALTERED SHALL

WHERE A CLEAR FLOOR SPACE COMPLYING WITH SECTION 305

OBSTRUCTION, THE HEIGHT OF THE OBSTRUCTION SHALL BE 34"

SHALL BE 24" MAX. THE HIGH SIDE REACH SHALL BE 48" MAX

ABOVE THE FLOOR FOR A REACH DEPTH OF IO" MAX WHERE

THE REACH DEPTH EXCEEDS IO", THE HIGH SIDE REACH SHALL

BE 46" MAX ABOVE THE FLOOR FOR A REACH DEPTH OF 24"

ABOVE THE FLOOR AND THE DEPTH OF THE OBSTRUCTION

OF ANSI 2009 ALLOWS A PARALLEL APPROACH TO AN

OF ANSI 2009 ALLOWS A PARALLEL APPROACH TO AN

ELEMENT & THE EDGE OF THE CLEAR FLOOR SPACE IS IO"

B) SIDE REACH: WHEN PARALLEL APPROACH IS PROVIDED, THE

BE PERMITTED AT 54" MAX ABOVE THE FLOOR.

ELEMENT AND THE HIGH SIDE REACH IS OVER AN

INTERIOR & EXTERIOR SIGNS IDENTIFYING PERMANENT ROOMS &

SPACES SHALL BE ACCESSIBLE & CONTAIN RAISED CHARACTERS &

SHALL BE ALONGSIDE THE DOOR AT THE LATCH SIDE. WHERE IT IS

SHALL BE LOCATED ON THE INACTIVE LEAF. WHERE AN ACCESSIBLE

SIGN IS PROVIDED AT DOUBLE DOORS WITH TWO ACTIVE LEAVES, THE

PROVIDED AT DOUBLE DOORS WITH ONE ACTIVE LEAF, THE SIGN

SIGN SHALL BE TO THE RIGHT OF THE RIGHT-HAND DOOR. WHERE

TO THE RIGHT SIDE OF DOUBLE DOORS, SIGNS SHALL BE ON THE

SWING BETWEEN THE CLOSED POSITION AND 45 DEGREE OPEN

EXCEPTION: SIGNS CONTAINING RAISED CHARACTERS & BRAILLE

SHALL BE PERMITTED ON THE PUSH SIDE OF DOORS WITH CLOSERS

A) VISUAL CHARACTERS: THEY SHOULD HAVE CHARACTER HEIGHT

THEIR BACKGROUND SHALL HAVE A NON-GLARE FINISH.

PROPORTIONAL TO THE VIEWING DISTANCE. CHARACTERS AND

CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUND, WITH

EITHER LIGHT CHARACTERS ON A DARK BACKGROUND, OR DARK

CHARACTERS ON A LIGHT BACKGROUND. (SEE ANSI 2009 TABLE

B) RAISED CHARACTERS SHALL BE RAISED 1/32" (0.8 MM) MIN ABOVE

THEIR BACKGROUND, SHALL BE IN UPPERCASE AND IN SANS SERIF.

MEASURED TO THE BASELINE OF THE LOWEST RAISED CHARACTER

AND 60" MAX ABOVE THE FLOOR MEASURES TO THE BASELINE OF

THE HIGHEST RAISED CHARACTER. (SEE ANSI 2009 FIG. 703.3.5,

C) BRAILLE: CONTRACTED (GRADE 2) BRAILLE SHALL BE PROVIDED

CELLS. (SEE ANSI 2009 FIG. 103.4.3, TABLE 103.4.3)

BELOW THE ENTIRE TEXT. IT SHALL BE MOUNTED 48" MIN & 60" MAX

ABOVE THE FLOOR, MEASURED TO THE BASELINE OF THE BRAILLE

D) PICTOGRAMS: WHERE PICTOGRAMS ARE INSTALLED TO DESIGNATE

A PERMANENT INTERIOR ROOM SUCH A TOILET ROOMS, THE

CHARACTERS & BRAILLE LOCATED DIRECTLY BELOW THE

PICTOGRAM SHALL HAVE TEXT DESCRIPTION IN RAISED

PICTOGRAM FIELD. (SEE ANSI 2009 FIG. 703.5)

RAISED CHARACTERS SHALL BE 48" MIN ABOVE THE FLOOR,

POSITION. (SEE ANSI 2009 FIG. 703.3.11)

AND WITHOUT HOLD-OPEN DEVICES.

703.2.4)

703.3.10)

THAT A CLEAR FLOOR AREA 18" MIN BY 18" MIN, CENTERED ON THE

RAISED CHARACTERS IS PROVIDED BEYOND THE ARC OF ANY DOOR

BRAILLE. WHERE ACCESSIBLE SIGN IS PROVIDED AT A DOOR, THE SIGN

OBJECT IS ON THE SIDE OF THE WHEELCHAIR.

a) UNOBSTRUCTED SIDE RECH:

(SEE ANSI 2009 FIG. 308.3.1).

b) OBSTRUCTED HIGH SIDE REACH:

MAX. (SEE ANSI 2009 FIG. 308.3.2)

WHERE THE REACH DEPTH EXCEEDS 20", THE HIGH FORWARD REACH SHALL BE 44" MAX ABOVE THE FLOOR, & THE REACH

THE CLEAR FLOOR SPACE COMPLYING WITH SECTION 305 OF

DISTANCE NOT LESS THAN THE REQ'D REACH DEPTH OVER THE

OBSTRUCTION. THE HIGH FORWARD REACH SHALL BE 40" MAX

REACH SHALL BE 15" MIN ABOVE THE FLOOR. (SEE ANSI 2009

F) FORCE REQ'D TO ACTIVATE CONTROLS CANNOT EXCEED 5LBS.

OR TWISTING OF THE WRIST AS PER ANSI 2009 606.4.

- LATIONS REGARDING HALL BE FIRE RETARDANT
- YS BLDG CODE CHAPTER 17
- THE NYS BLDG CODE
- ETHODS OF CONST & SERVICE \_DG CODE CHAPTER |

606.3)

IO.REACH RANGES:

SURFACES UNDER LAVATORIES.

KNEE SPACE REQ'D UNDER SOME OBJECTS.

OBJECT IS IN FRONT OF THE WHEELCHAIR.

a) UNOBSTRUCTED FORWARD REACH:

b) OBSTRUCTED HIGH FORWARD REACH:

FIG. 208.2.I)

- F THE 2020 NYS BUILDING ALL PASSAGES, & OTHER
- FIRE RESISTIVE RATING WITH E OF 2 HOUR FIRE RESISTIVE
- CODE CHAPTER 7 FOR
- BE CARRIED OUT IN DINTS PROGRESS INSPECTION CODE REF. BC 1705.17

- CODE REF. BC 109.3.5 CODE REF. IRCNY 101-10
- NGING SPECIAL INSPECTIONS IES HAVING JURISDICTION.
- PECIAL INSPECTION AGENCIES.
- ITARY FACILITIES SHALL HAVE:
- DEPTH OF 60" IN THE EASURED AT RIGHT ANGLES LOSED POSITION, \$ 48" WHERE
- PER 2009 404.2.3, FIG.
- R SURFACES SHALL NOT BEVEL 1/4" AS PER ANSI 2009
- NAYS SHALL BE 1/2" MAX IN

#### II. SIGNAGE: PROVIDED THAT THRESHOLD

#### WALL OF DESIGNATED BETWEEN 33"-36" GRAB BAR) FROM THE

- DOR & AT LEAST 1.5" ABOVE OW ADA STANDARD DETAILS
- . SUCH CLEAR FLOOR SPACE BIBLE ROUTE & SHALL EXTEND
- BE PROVIDED IN FRONT OF ACH. SUCH CLEAR FLOOR
- INTERIOR DOORS SHALL NOT 5, PULLS, LATCHES, LOCKS, & BIBLE DOORS SHALL HAVE A
- ONE HAND & DOES NOT OR TWISTING OF THE WRIST TO HARDWARE SHALL BE 34" MIN E SLIDING DOORS ARE IN THE RDWARE SHALL BE EXPOSED &
- LOCATED WITH A WALL OR IDE. THE CENTERLINE OF THE ROM THE SIDE WALL OR 2) THE HEIGHT OF W.C. SHALL RED TO THE TOP OF THE
- JRINAL RIM SHALL BE AT MAX 2009 605. FLUSH CONTROL ABOVE THE FLOOR.

## GENERAL NOTES

GENERAL NOTES:

- SCOPE OF WORK SHALL NOT BE LIMITED BY THE DRAWINGS BUT SHALL INCLUDE ANY & ALL WORK NECESSARY TO FACILITATE THE INTENT OF THE DOCUMENTS.
- ALL WORK CALLED FOR ON THESE DWGS SHALL BE IN COMPLIANCE 2 WITH CODES, RULES & REGULATIONS OF ALL GOVERNMENTAL AGENCIES HAVING JURISDICTION. THIS INCLUDES BUT IS NOT LIMITED TO THE: INTERNATIONAL BUILDING CODE 2018 (IBC 2018), 2020 BUILDING CODE OF NEW YORK STATE, 2020 EXISTING BUILDING CODE OF NYS WITH AMENDMENTS FROM INTERNATIONAL EXISTING BUILDING CODE 2018 (IEBC 2018), 2020 PLUMBING, MECHANICAL, FUEL GAS AND FIRE CODE OF NYS, 2020 ENERGY CONSERVATION CODE OF NYS WITH AMENDMENTS FROM INTERNATIONAL ENERGY CONSERVATION CODE 2018 (IECC 2018), OSHA GUIDELINES AND THE AMERICANS WITH DISABILITIES ACCESSIBILITY GUIDELINES (ADA)
- GC SHALL CHECK & VERIFY IN FIELD ALL DIMS, NOTES & CONDITIONS SHOWN ON DWGS BEFORE ANY CONSTRUCTION WORK IS STARTED \$ SHALL NOTIFY ARCHITECT OF DISCREPANCIES, OMISSIONS, AND/OR CONFLICTS BEFORE PROCEEDING. ALL WORK TO BE DONE IN ACCORDANCE WITH CODE, INCLUDING ADMINISTRATIVE ARTICLES \$ ALL OTHER REGULATIONS OF ALL OTHER AGENCIES HAVING JURISDICTION.
- GC MUST COMPLY WITH ALL RULES AND REGULATIONS OF AGENCIES HAVING JURISDICTION. THIS COMPLIANCE INCLUDES, BUT IS NOT LIMITED TO, ALL CITY, STATE, AND FEDERAL CONSTRUCTION, SAFETY, SANITARY LAWS, STATUTES, CODES & ORDINANCES & BUILDING STANDARD SPECIFICATIONS. GENERAL CONTRACTOR SHALL SECURE & PAY FOR ALL REQ'D PERMITS & INSPECTIONS NECESSARY FOR PROPER EXECUTION, APPROVALS & COMPLETION OF WORK.
- 5 ALL DIMS ARE TO FINISH FACE UON.
- DO NOT SCALE DWGS WRITTEN DIMS GOVERN. LARGE SCALE DWGS GOVERN SMALL SCALE.
- 7. ALL PLAN DIMS ARE TO THE NEAREST 1/4".
- GC IS REQ'D TO COORDINATE ALL WORK & DELIVERIES WITH BLDG ъ MANAGEMENT & SECURITY.
- ALL CORRESPONDENCE & PROJECT COMMUNICATION TO BE THROUGH ARCHITECT.
- IO. PREP ALL SURFACES AS REQ'D TO RECEIVE NEW FINISHES. INTERIOR FINISHES SHALL COMPLY WITH THE NY STATE BUILDING CODE.
- MINOR DETAILS NOT USUALLY SHOWN OR SPECIFIED, BUT NECESSARY FOR PROPER & ACCEPTABLE CONSTRUCTION, INSTALLATION OR OPERATION OF ANY PART OF THE WORK AS DETERMINED BY THE ARCHITECT SHALL BE INCLUDED IN THE WORK THE SAME AS IF HEREIN SPECIFIED OR INDICATED.
- FIRE PROTECTION TO COMPLY WITH SECTION CHAPTER 7 OF NYS 12. BUILDING CODE.
- 13. FIRE RATED DOORS SHALL BEAR THE LABEL OF THE BOARD OF STANDARD AND APPEALS OR THE M.E.A. DIVISION.
- 14. PLUMBING FIXTURES SHALL COMPLY WITH ALL STATE AND LOCAL REGULATIONS INCLUDING ADA GUIDELINES FOR FIXTURES AND INSTALLATION.
- 15. ALL SHUT-OFF VALVES SHALL BE ACCESSIBLE BY ACCESS PANEL.
- 16. PLUMBING FIXTURES SHALL BE INSTALLED & PLUMBED TO FULL WORKING ORDER.
- 17. GC TO PROVIDE BLOCKING AT ALL NECESSARY AREAS INCLUDING AT GRAB BARS, EQUIPMENT, WALL MOUNTED VANITY UNITS AND SINKS, ACCESSORIES , FIXTURES AND APPLIANCES.
- 18. ALL ELECTRICAL WORK TO BE PERFORMED BY LICENSED CONTRACTORS.
- 19. 'PROVIDE' MEANS TO FURNISH & INSTALL. 'SUPPLIED BY OWNER' MEANS MAIN MATERIAL TO BE SUPPLIED BY OWNER AND CONTRACTOR IS TO INSTALL IT AS DIRECTED. 'NIC' MEANS NOT IN CONTRACT AND WILL BE FURNISHED & INSTALLED BY OTHERS.
- THERE IS NO WALL SPACE ON THE LATCH SIDE OF A SINGLE DOOR, OR 20. NO CHANGE IN EGRESS, USE OR OCCUPANCY.
- NEAREST ADJACENT WALL. ACCESSIBLE SIGNS SHALL BE LOCATED SO 21. THE OVERLOADING OF FLOORS WITH BUILDING MATERIALS IS PROHIBITED.
  - 22. CUTTING, TRENCHING, CHANNELING FLOOR OR CEILING, OR CORE DRILLING IS NOT PERMITTED. REVIEW WITH ARCHITECT WHERE NECESSARY.
  - 23. GC MUST PROVIDE TWO (2) IOLB FIRE EXTINGUISHERS, AT EACH CONSTRUCTION SITE, DURING START OF DEMO & MUST BE KEPT IN PLAIN SIGHT & ACCESSIBLE AT ALL TIMES DURING CONSTRUCTION.
  - 24. CLEANING: - MAINTAIN PREMISES & PUBLIC PROPERTIES FREE FROM ACCUMULATIONS OF WASTE, DEBRIS & RUBBISH, CAUSED BY OPERATIONS. DEBRIS SHALL BE REMOVED FROM JOB SITE DAILY. ALL DEBRIS TO BE STORED IN METAL, CLOSED CONTAINERS. - AT COMPLETION OF WORK, REMOVE TEMPORARY FACILITIES, WASTE MATERIALS, RUBBISH, ALL TOOLS, EQUIPMENT, MACHINERY & SURPLUS MATERIALS, & CLEAN ALL SIGHT EXPOSED SURFACES.
  - 25. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CHECK & VERIFY ALL DIMS AND EX'G CONDITIONS. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT BEFORE PROCEEDING WITH WORK. ANY WORK STARTED BEFORE CONSULTATION AND ACCEPTANCE BY THE ARCHITECT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE SUBJECT TO CORRECTIONS BY HIM WITHOUT ADDITIONAL COMPENSATION.
  - 26. DAMAGE CAUSED BY EXECUTION OF THIS CONTRACT, TO EXISTING STRUCTURE, PIPES, DUCTS, WINDOWS, WALLS, ROOFING ETC. SHALL BE REPAIRED TO ORIGINAL CONDITION OR REPLACED BY THE CONTRACTOR AT NO EXTRA CHARGE TO THE OWNER.
  - 27. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND COMPLETION OF THE WORK WITH APPROVED MATERIALS.
  - 28. BY SUBMITTING A PROPOSAL OR AGREEMENT TO PERFORM WORK, THE CONTRACTOR AGREES THAT HE IS SKILLED & EXPERIENCED IN THE USE & INTERPRETATION OF PLANS & SPECS. HE HAS CAREFULLY REVIEWED THE PLANS AND SPECS FOR THIS & HAS FOUND THEM TO BE FREE OF AMBIGUITIES AND SUFFICIENT FOR BID PURPOSES. FURTHER, HE HAS CAREFULLY EXAMINED THE SITE OF THE WORK \$ FROM HIS OWN OBSERVATIONS HAS SATISFIED HIMSELF AS TO THE NATURE & LOCATION OF THE WORK; THE CHARACTER, QUALITY, & QUANTITY OF MATERIALS; THE DIFFICULTIES LIKELY TO BE ENCOUNTERED, & OTHER ITEMS WHICH MAY AFFECT THE PERFORMANCE OF WORK.

## DRAWING LIST

<u>PLUMBING</u>

CHITE	CTURAL
001	TITLE, COLLEGE PLAN & LOCATION MAP
002	KEYPLANS
003	NOTES, ABBREVIATIONS, LEGEND & DRAWING
004	ADA RESTROOM DETAILS
005	ADA DOOR DETAILS
0	MUSIC BUILDING PLANS
102	DANCE BUILDING PLANS
103	PHYSICAL EDUCATION BUILDING PLANS
104	LIBRARY PLANS
111	FLOOR TILE LAYOUTS
201	MUSIC BUILDING INTERIOR ELEVATIONS
202	DANCE BUILDING INTERIOR ELEVATIONS
203	PHYSICAL EDUCATION INTERIOR ELEVATIONS
204	PHYSICAL EDUCATION INTERIOR ELEVATIONS
205	LIBRARY INTERIOR ELEVATIONS
501	DETAILS
502	DETAILS
601	SCHEDULES

	<u>×</u>
P-001	GENERAL NOTES, SYMBOLS & ABBREVIATIONS
P-101	MUSIC BUILDING - PLUMBING PLANS
P-102	DANCE BUILDING - PLUMBING PLANS
P-103	PHYSICAL EDUCATION - PLUMBING PLANS
P-104	LIBRARY BUILDING - PLUMBING PLANS
P-501	MUSIC BUILDING - PLUMBING RISER DIAGRAMS
P-502	DANCE BUILDING - PLUMBING RISER DIAGRAMS
P-503	PHYSICAL EDUCATION - PLUMBING RISER DIAGRAMS
P-504	LIBRARY BUILDING - PLUMBING RISER DIAGRAMS
P-601	PLUMBING SCHEDULES & DETAILS

#### MECHANICAL M-OOI GENERAL NOTES, SYMBOLS & ABBREVIATIONS M-IOI MUSIC BUILDING - MECHANICAL PLANS DANCE BUILDING - MECHANICAL PLANS M-102 M-103 PHYSICAL EDUCATION - MECHANICAL PLANS M-104 LIBRARY BUILDING - MECHANICAL PLANS

M-601 MECHANICAL SCHEDULES & DETAILS

ELECTRI	CAL
E-001	GENERAL NOTES, SYMBOLS & ABBREVIATIONS
E-IOI	MUSIC BUILDING - ELECTRICAL PLANS
E-102	DANCE BUILDING - ELECTRICAL PLANS
E-103	PHYSICAL EDUCATION - ELECTRICAL PLANS
E-104	LIBRARY BUILDING - ELECTRICAL PLANS
E-501	ELECTRICAL RISER DIAGRAMS & SCHEDULES
E-502	FIRE ALARM RISER DIAGRAMS
E-601	ELECTRICAL SCHEDULES
E-602	ELECTRICAL SCHEDULES
E-603	ELECTRICAL SCHEDULES
E-604	ELECTRICAL SCHEDULES
E-701	ELECTRICAL DETAILS
E-702	ELECTRICAL DETAILS

FIRE PR	OTECTION
F-001	GENERAL NOTES, SYMBOLS & ABBREVIATIONS
F-IOI	MUSIC BUILDING - FIRE PROTECTION PLANS
F-701	FIRE PROTECTION DETAILS

## DRAWING SYMBOLS

LIST

-Drawing No	
scale	DRAWING TITLE
<u> </u>	ABC COLUMN LINES   2
Drawing No.	3 SECTION KEY
X-### Sheet No.	
Drawing No.	INTERIOR ELEVATION
Sheet No.	
	ROOM NAME AND NUMBER (AS NEEDED)
SF	AREA OF SPACE
Drawing No.	DETAIL KEY

 $\searrow$ - Shee  $\otimes$  $\triangle$ 

GF

GFLX

	ROOM NAME AND NUMBER (AS NEEDED)
	AREA OF SPACE
wing No. et No.	DETAIL KEY
	DOOR NUMBER
	WINDOW NUMBER
	PARTITION TYPE
	ACCESSORY NUMBER
	REVISION NUMBER
	FIRE EXTINGUISHER
4	DIMENSION
_	DATUM, CONTROL ELEVATION
	MAIN ENTRY
	ALTERNATE ENTRY
	NORTH ARROW
	ELECTRICAL PANEL
	GFI OUTLET AT 15"
	GFI OUTLET AT SPECIFIED H.

DENOTES EX'G DEVICE TO REMAIN DENOTES NEW DEVICE IN NEW LOCATION DENOTES RELOCATION OF EX'S DEVICE DENOTES NEW DEVICE IN EXG' LOCATION NE HEIGHT OF DEVICE

#### RCP LEGEND

0	SURFACE MTD CEILING FIXTURE
÷	RECESSED CLG FIXTURE
$\bigcirc$	OVERSIZE PENDANT CEILING FIXTURE
	PENDANT LED/FLUOR. & LENGTH
$\stackrel{\bigstar}{\square}$	MOTION SENSOR SWITCH
\$	DENOTES SINGLE POLE SWITCH
•	CLG ELEVATION
	RETURN AIR DIFFUSER
۲	SPRINKLER
□≺αα	FIRE ALARM STROBE

#### BUILDING LEGEND

DENOTES EXG TO REMAIN
DENOTES EXTENT OF DEMOLITION
DENOTES NEW WALL CONSTRUCTION
DENOTES NEW PARTIAL HEIGHT WALL CONSTRUCTION HIDDEN
<i>O</i> VERHEAD
— — — — FURNITURE

## **RESTROOM RENOVATION** PURCHASE COLLEGE

STATE UNIVERSITY OF NEW YORK

735 Anderson Hill Rd. Purchase, NY 10577

# PHASE 2:

MUSIC BUILDING DANCE BUILDING PHYS. ED. BUILDING LIBRARY

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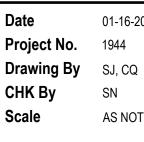
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Rev Date

29 April 2022 Issue for Bid

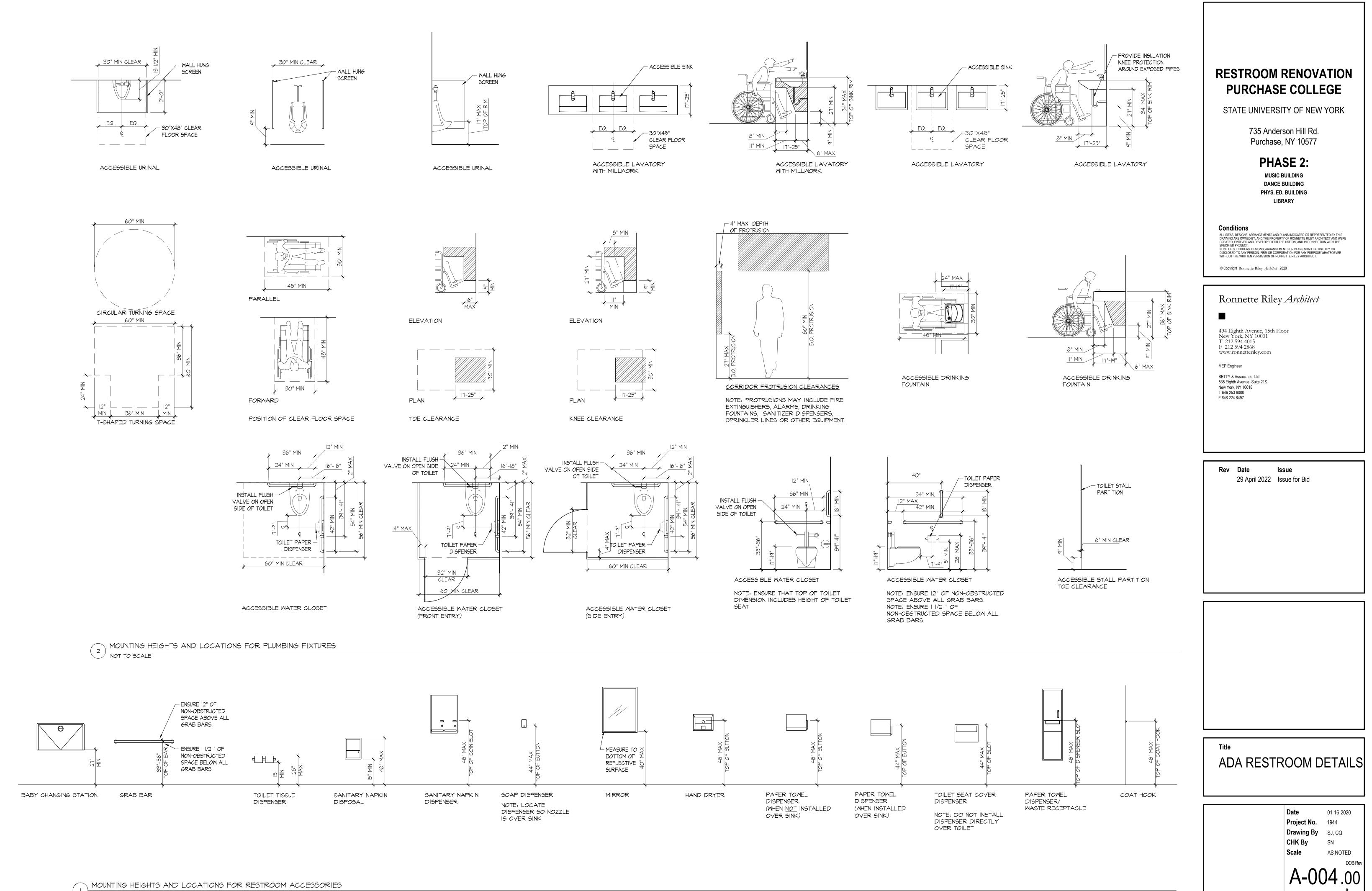
## Title

# NOTES, ABBREVIATIONS, **LEGEND & DRAWING LIST**

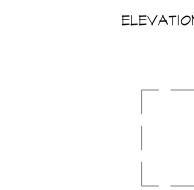


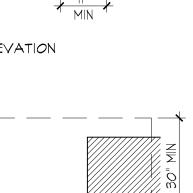
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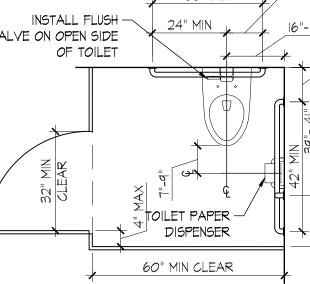
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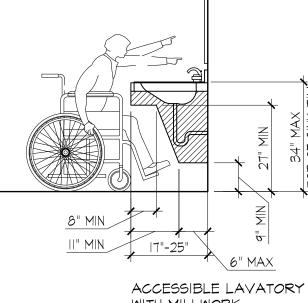


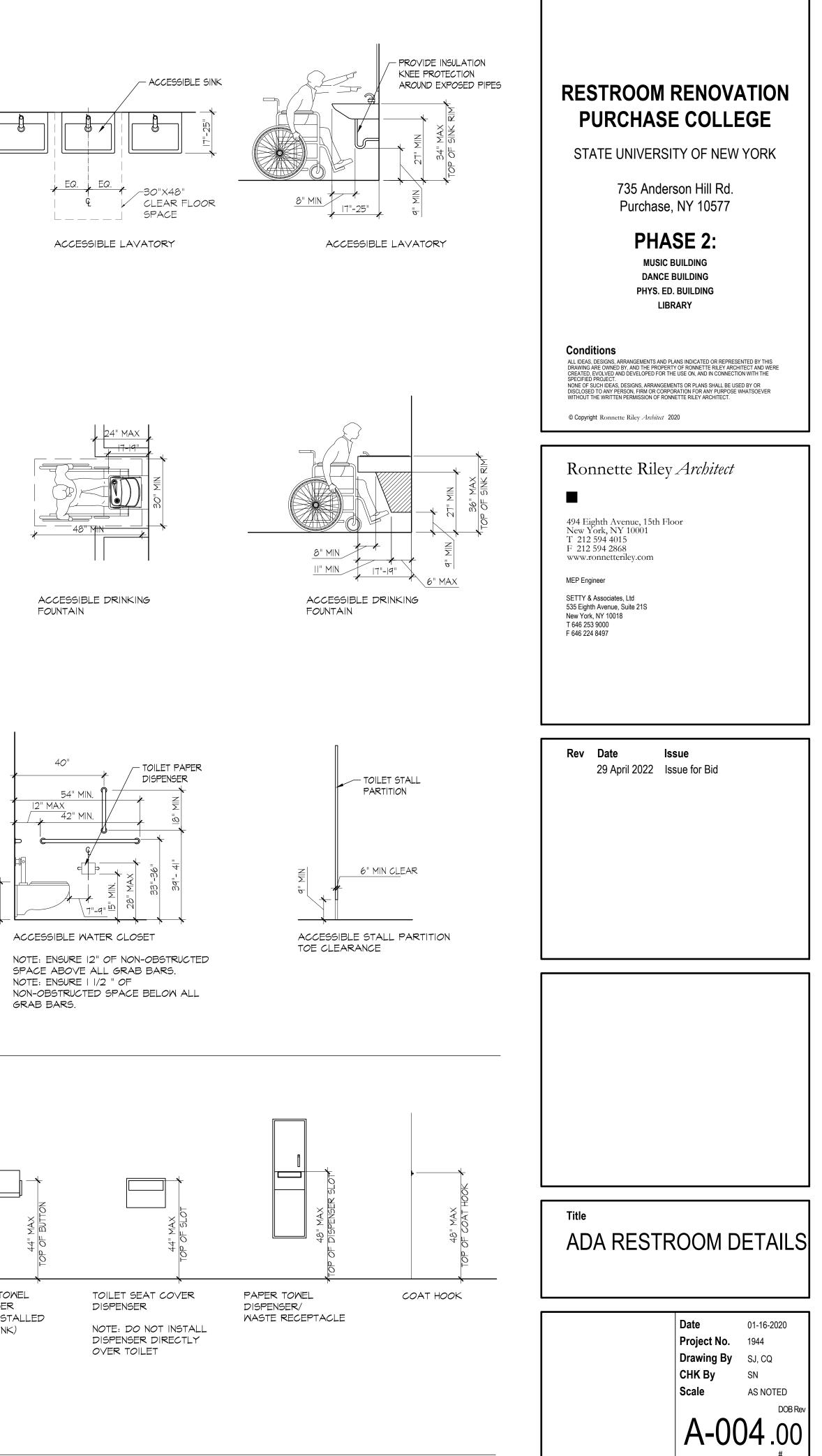
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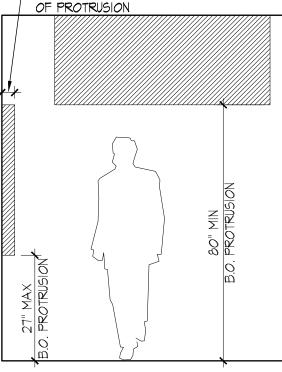


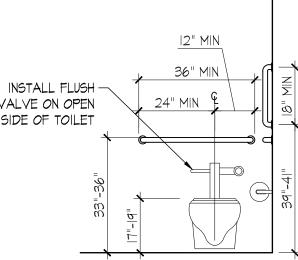


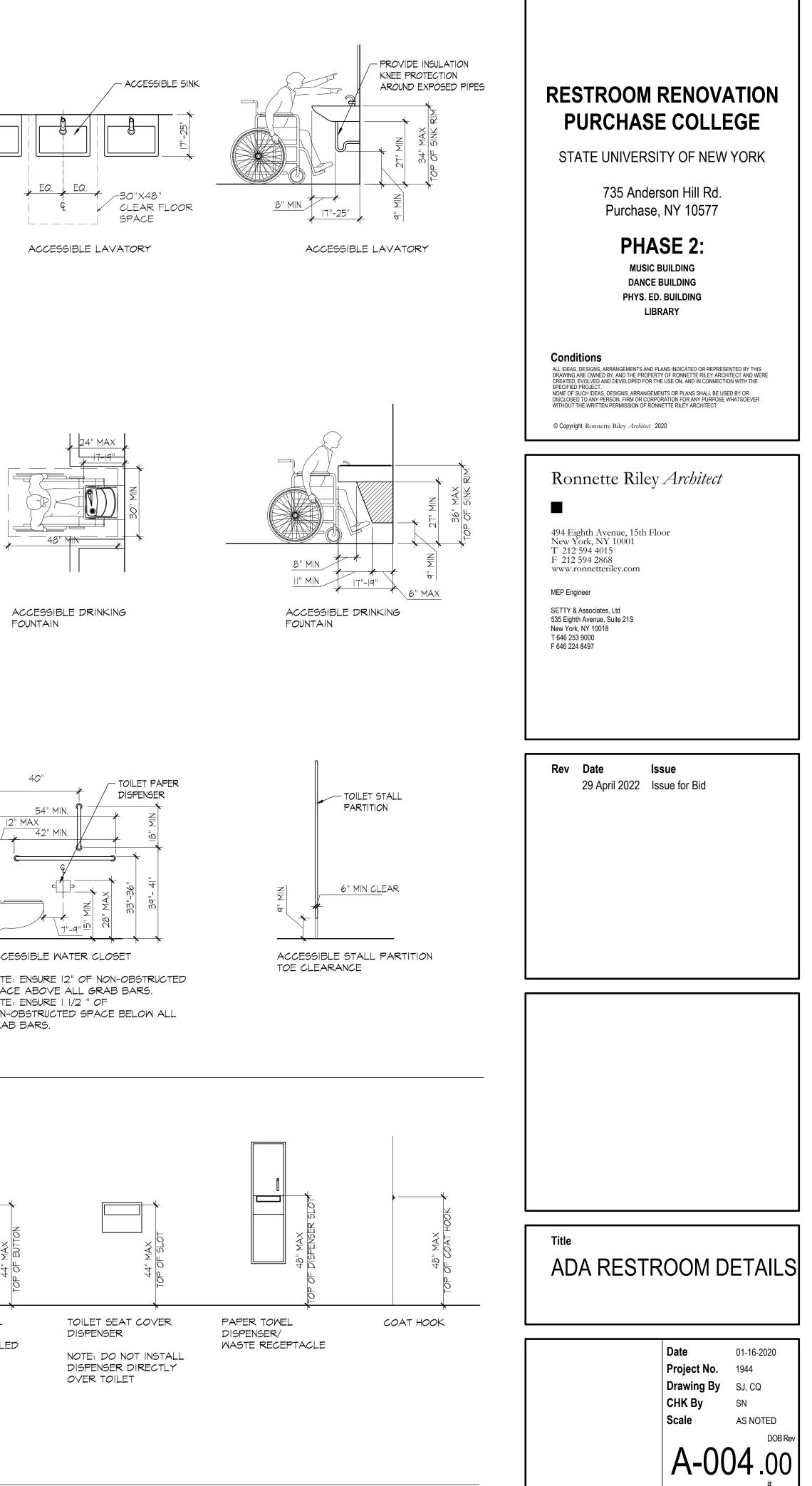


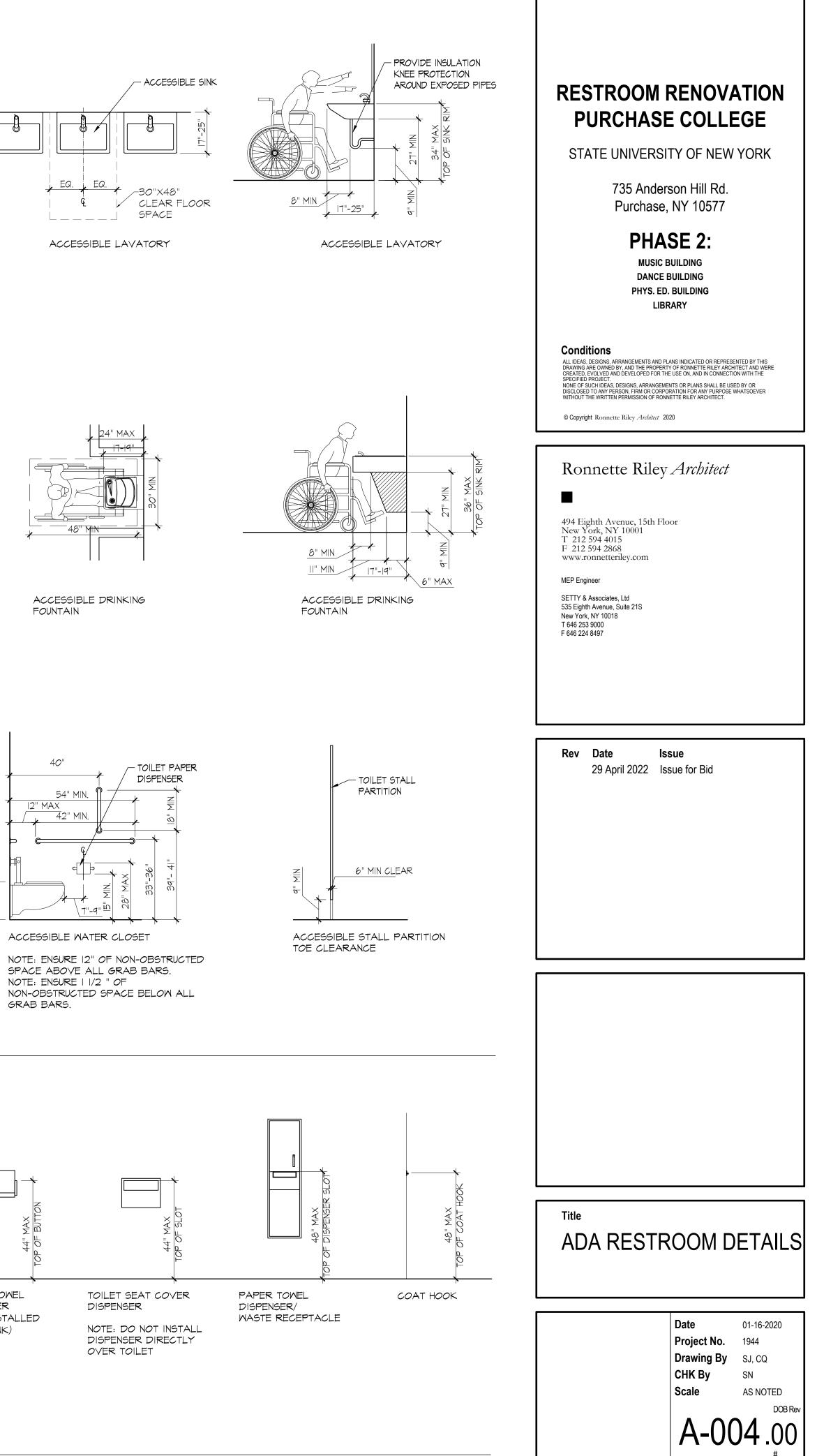


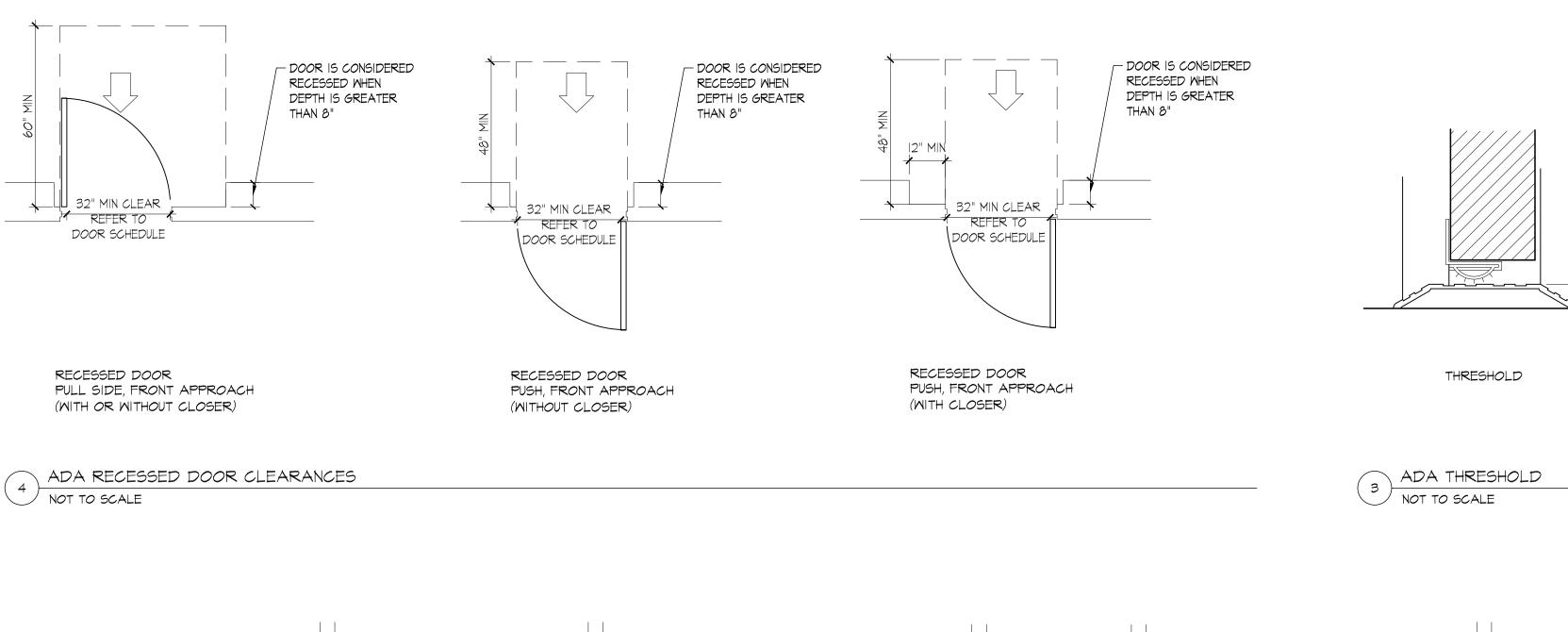


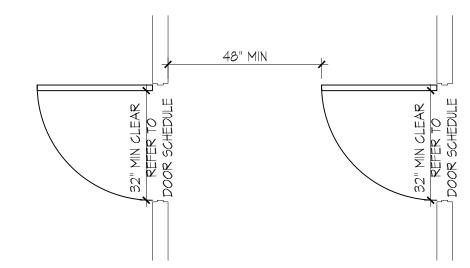




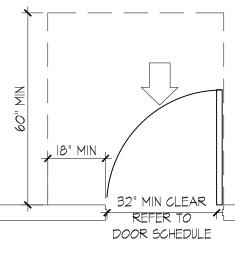




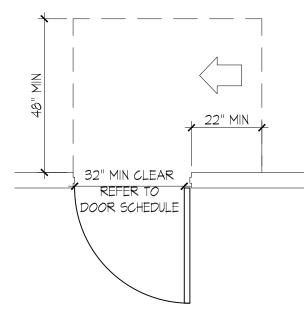




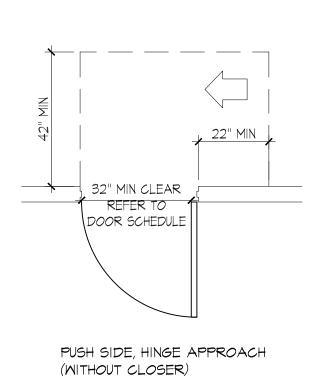
TWO DOORS IN SERIES CLEARANCES



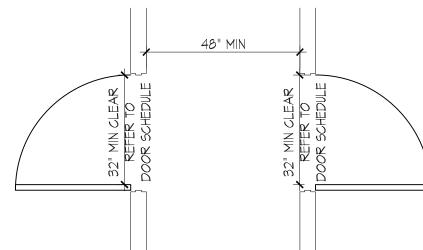
PULL SIDE, FRONT APPROACH (WITH OR WITHOUT CLOSER)



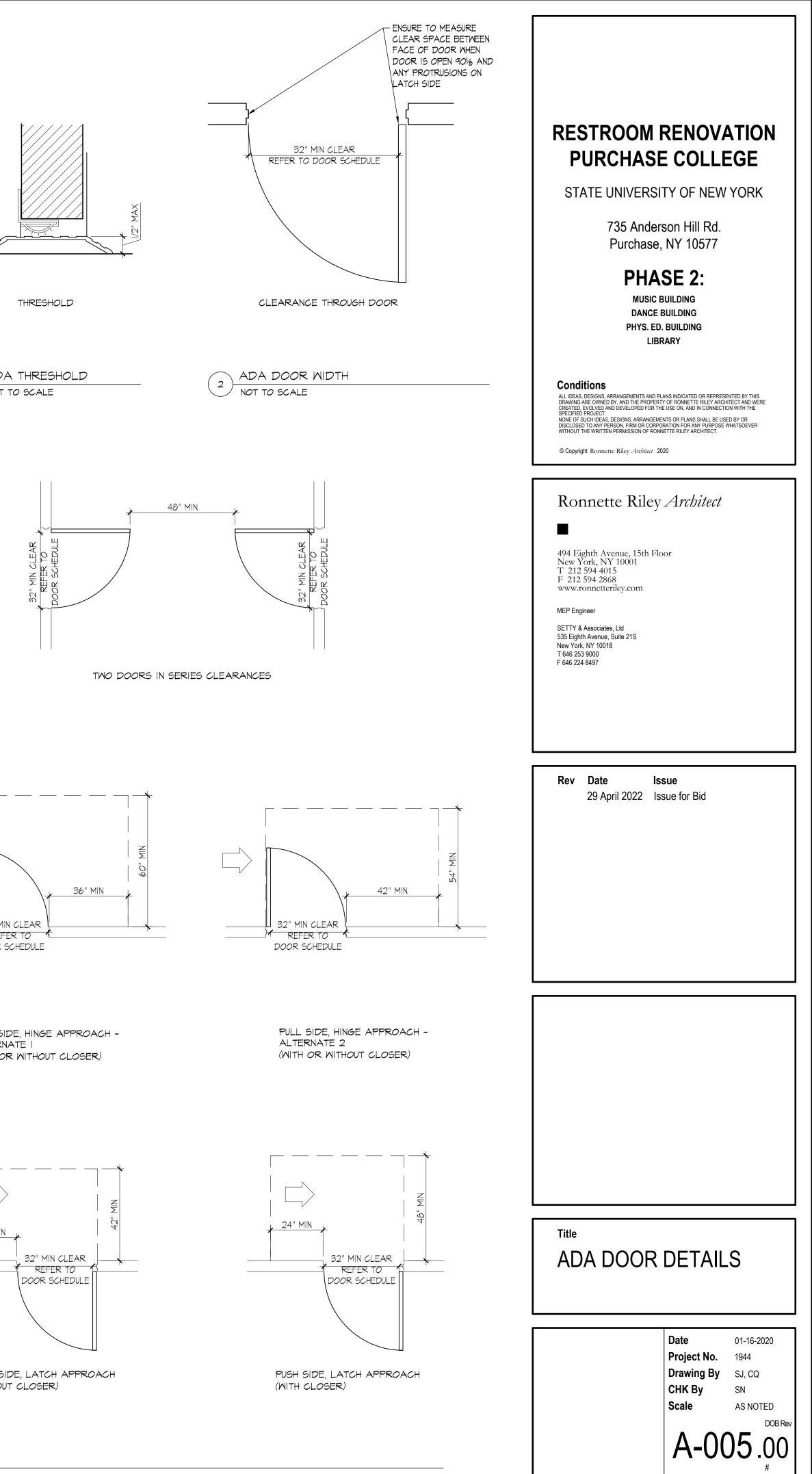
PUSH SIDE, HINGE APPROACH (WITH CLOSER)

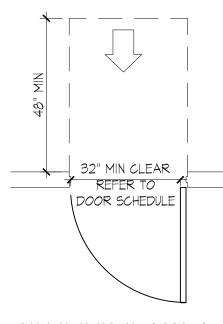


ADA DOOR CLEARANCES NOT TO SCALE

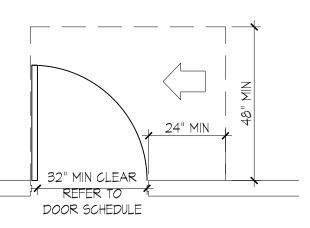


TWO DOORS IN SERIES CLEARANCES





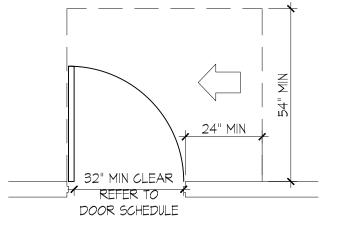
PUSH SIDE, FRONT APPROACH (WITHOUT CLOSER)



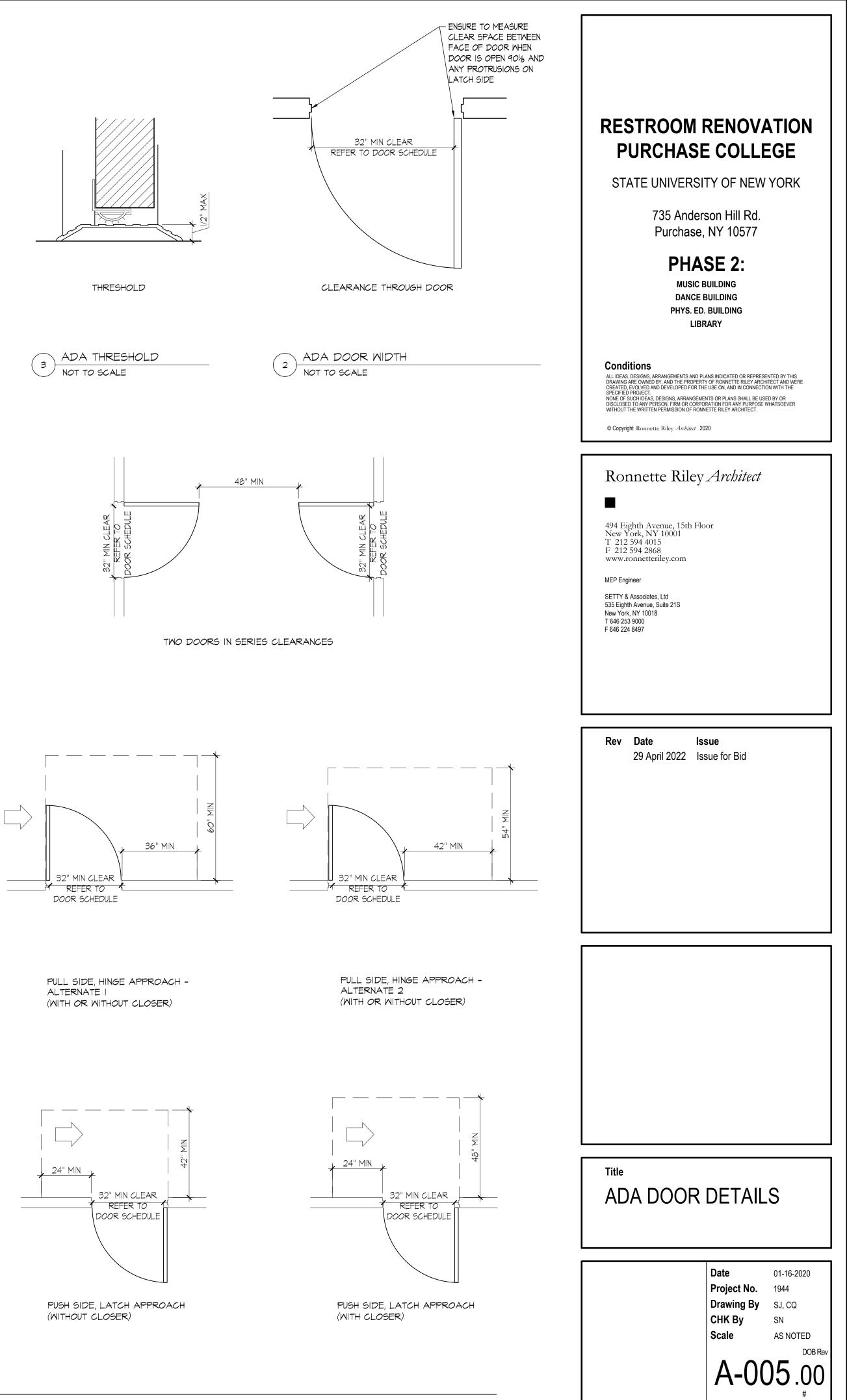
PULL SIDE, LATCH APPROACH (WITHOUT CLOSER)

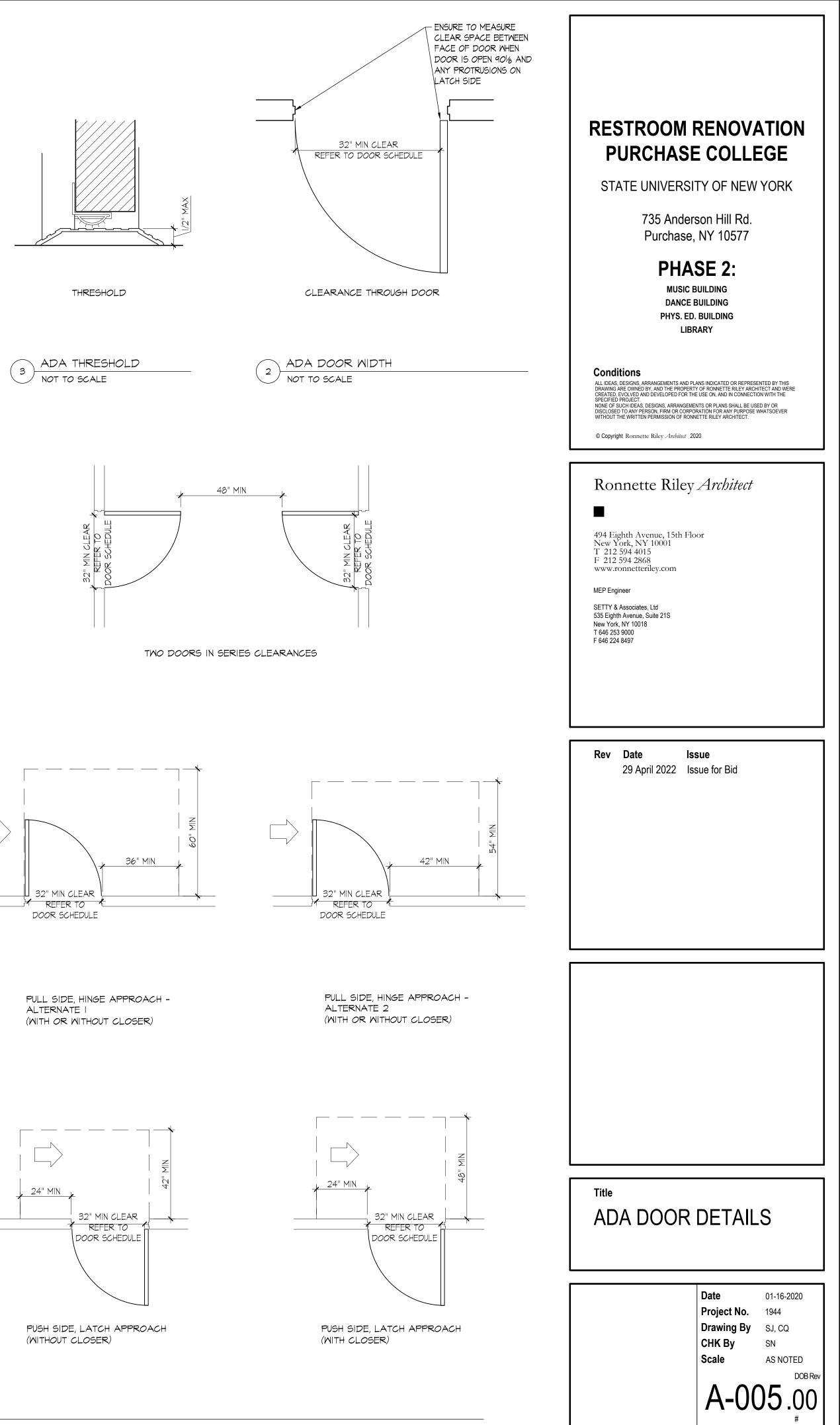
12" MIN 32" MIN CLEAR REFER TO DOOR SCHEDULE

PUSH SIDE, FRONT APPROACH (WITH CLOSER)



PULL SIDE, LATCH APPROACH (WITH CLOSER)





DEMOLITION PLAN NOTES

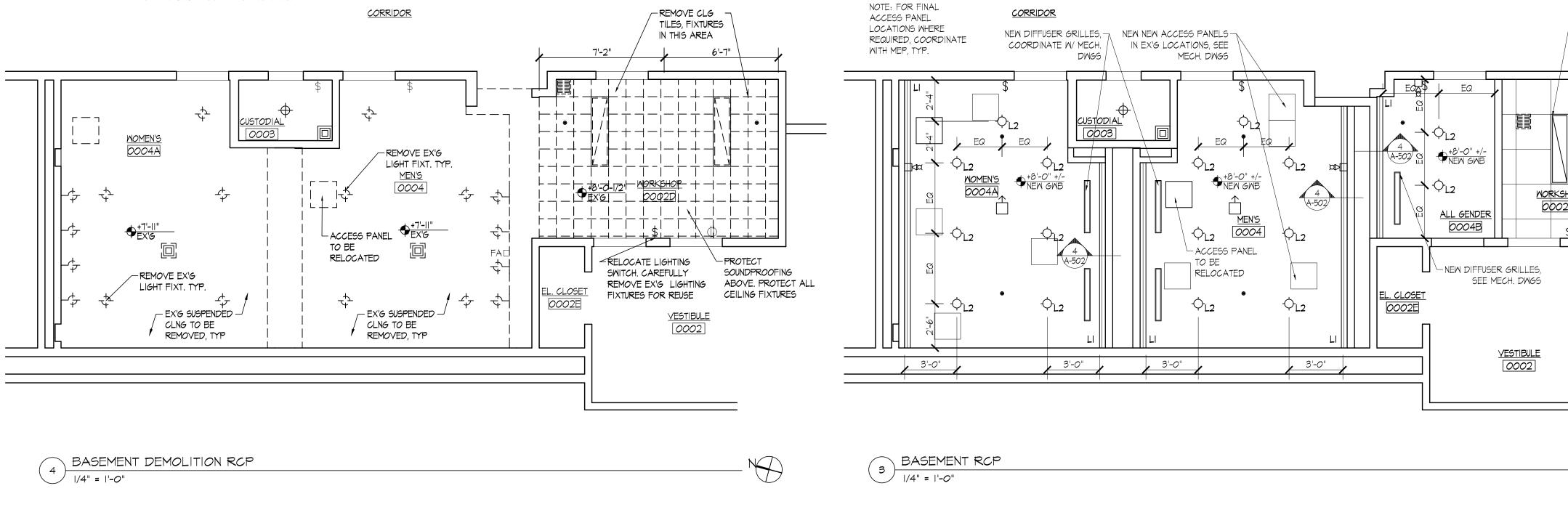
- I. PROTECT ALL EX'S CONDITIONS TO REMAIN. 2. THE CONTRACT DOCUMENTS ARE COMPLIMENTARY; WORK FROM ALL TRADES AND DISCIPLINES SHALL BE COORDINATED BY THE GENERAL CONTRACTOR. THE OWNER AND ARCHITECT SHALL BE NOTIFIED IMMEDIATELY OF ANY APPARENT CONFLICTS. DEMOLITION NOT SHOWN BUT REQUIRED TO ACHIEVE DESIGN INTENT SHOWN IN CONSTRUCTION DRAWINGS IS PART OF DEMOLITION WORK.
- 3. SCOPE OF DEMO & REMOVAL WORK SHALL NOT BE LIMITED BY THESE DWGS BUT SHALL INCLUDE ALL WORK NECESSARY TO FACILITATE CONSTRUCTION.
- 4. TEMPORARY MAINTENANCE OF HAZARDOUS CONDITIONS: UPON RECEIPT OF THE NOTICE TO PROCEED, CONTRACTOR SHALL CAREFULLY INSPECT ALL EX'G WORK SCHEDULED FOR REMOVAL. ANY SUCH WORK FOUND TO BE WEAKENED, STRUCTURALLY UNSAFE OR OTHERWISE HAZARDOUS, SHALL IMMEDIATELY BE MADE SAFE MAINTAINED UNTIL SUCH TIME WHEN IT SHALL BE REMOVED.
- 5. ALL EXISTING ELEMENTS TO REMAIN SHALL BE SHORED AND PROTECTED FROM DAMAGE DURING CONSTRUCTION SO THAT THEY REMAIN INTACT AND SOUND. DAMAGE PREDATING CONSTRUCTION ACTIVITIES SHALL BE DOCUMENTED BY THE CONTRACTOR. SHORING, WHERE NEEDED, SHALL BE DESIGNED AND SEALED BY AN ENGINEER LICENSED IN THE STATE OF NEW YORK
- 6. STABILITY AND INTEGRITY OF EXISTING STRUCTURES: SHORING OF MEMBERS AND PROTECTION OF THE EXISTING
- STRUCTURE DURING DEMOLITION IS THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL COMPLY WITH THE REQUIREMENTS OF THE BUILDING CODE. REFER TO "PROTECTION OF ADJOINING PROPERTY" IN THE GENERAL NOTES BELOW.

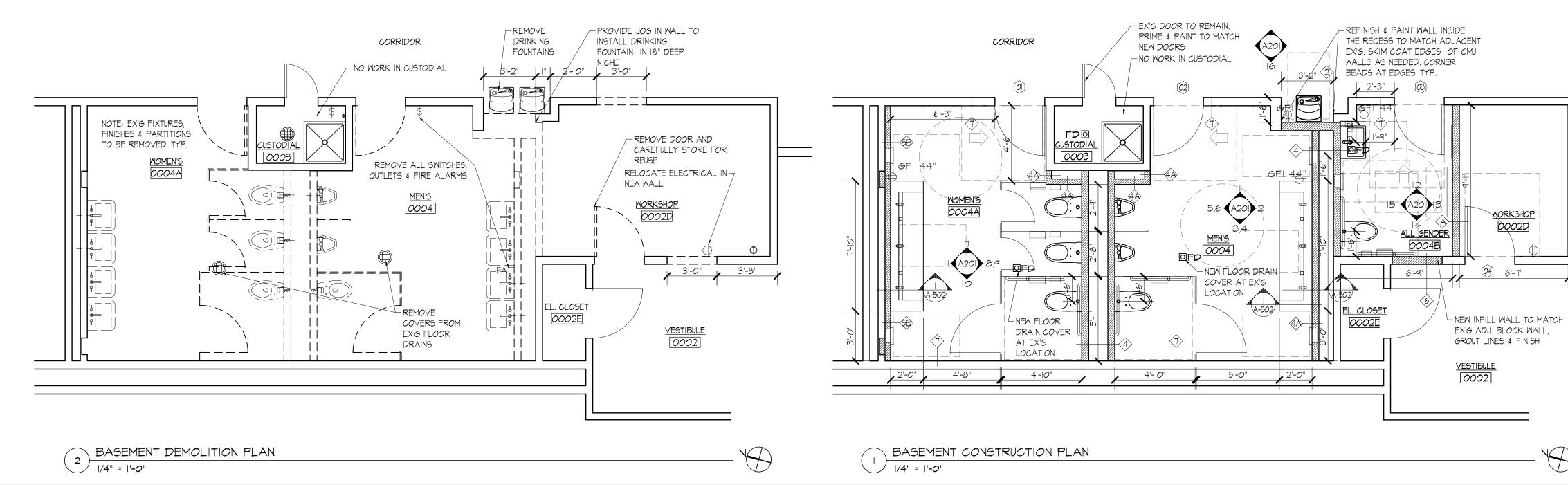
CONTRACTOR SHALL PROVIDE ADEQUATE TEMPORARY BRACING AND SHORING DURING MASONRY WALL REMOVAL, DEMOLISH EX'G MASONRY WALL IN A SAFE MANER AND SHALL NOT CAUSE DAMAGE TO THE EXISTING BUILDING ELEMENTS TO REMAIN.

THE WORK OF DEMOLITION SHALL BE CARRIED ON IN A MANNER THAT WILL ENSURE ADJACENT AREAS AGAINST ANY DAMAGE WHICH MIGHT OCCUR FROM FALLING DEBRIS OR OTHER CAUSE AND SO AS NOT TO INTERFERE WITH USE OF ADJACENT AREAS AND STRUCTURES OR THE FREE AND SAFE PASSAGE TO AND FROM THE BUILDINGS AND STRUCTURES.

DEMOLITION PLAN NOTES (CONT'D)

- 7. ANY REMOVALS, INFILLS AND EXTENSIONS OF EXISTING TO REMAIN CONSTRUCTION SHALL BE PATCHED AS REQUIRED TO MATCH ADJACENT MATERIAL, FINISH, WORKMANSHIP AND CONSTRUCTION, U.O.N.
- 8. GC TO REMOVE & LEGALLY DISPOSE OF ALL APPLIANCES, PLUMBING FIXTURES & MISC. CONSTR. DEBRIS SCHEDULED TO BE DEMOLISHED. CONTACT COLLEGE REPRESENTATIVE FOR RIGHT OF FIRST REFUSAL FOR ITEMS BEING REMOVED. LIGHTING FIXTURES TO BE SAVED FOR REUSE.
- 9. REMOVE ALL EX'G DOORS, WALLS, TOILET PARTITIONS, ETC. SHOWN IN DASHED LINE, INCLUDING ALL MECHANICAL, ELECTRICAL AND PLUMBING ITEMS THERE IN.
- IO. REMOVE WALLS AS REQ'D TO ACCESS PLUMBING THAT REQUIRES REPLACEMENT. REMOVE RADIATOR AND ASSOCIATED PIPING. COORDINATE WITH MEP DEMO DRAWINGS.
- II. NOTIFY ARCHITECT IF FIXTURES OR DEVICES EXIST WHICH ARE NOT NOTED ON THE PLAN.
- 12. GC TO NOTIFY ARCHITECT OF ALL RISERS, & PIPING EXPOSED DURING DEMO.
- 13. ALL DEMO TO BE DONE W/ MINIMAL IMPACT ON WORK ENVIRONMENT. AREAS TO BE LEFT CLEAN & SAFE AT END OF EACH SHIFT. GC TO PROVIDE PROTECTIVE PLASTIC AT DOORWAYS BEFORE THE START OF WORK.
- 14. DEMO OF LOAD-BEARING WALLS IS PROHIBITED.
- 15. CONTRACTOR TO SEAL ALL VENTS DURING DEMO.
- 16. ALL PIPING NOT BEING REUSED, TO BE CAPPED AT RISER.
- 17. NO CUTTING OR CHANNELING OF BUILDING STRUCTURE IS PERMITTED FOR ANY WORK.
- 18. ALL TILES AND WALL COVERING ON EXISTING WALLS TO BE REMOVED TO EXPOSE STRUCTURE BELOW: CMU, PLASTER WALL, METAL STUDS, ETC. WHERE APPLICABLE REMOVE TILE WITH ASSOCIATED CEMENT BOARD BACKING.





## DEMOLITION PLAN NOTES (CONT'D)

## 19. GC SHALL BE TOTALLY RESPONSIBLE FOR PROTECTING ALL EXISTING SURFACES AND ITEMS TO REMAIN

- 20.ALL EX'G FINISHED FLOORING TO BE REMOVED DOWN TO SLAB.
- 21. WHERE NEW SLAB PENETRATIONS ARE REQUIRED, GC WILL BE RESPONSIBLE FOR SCANNING THE EXISTING CONDITIONS AND SLABS FOR SAFE PENETRATION.
- 22.ASBESTOS REMOVAL TO BE COORDINATED WITH SUNY. CONTRACTOR IS RESPONSIBLE FOR ASBESTOS ABATEMENT, SUNY TO PROVIDE ABATEMENT PLANS & TEST RESULTS.

RCP & POWER PLAN DEMO NOTES:

- I. ALL GWB CEILINGS WITHIN RESTROOMS SHALL BE REMOVED AND REPLACED WITH NEW.
- 2. PROTECT EX'G SPRINKLERS DURING CONSTRUCTION. REFER TO FP DRAWINGS FOR NEW WORK.
- 3. ALL AFFECTED HVAC ACCESSORIES IN RESTROOMS AND ADJACENT AFFECTED AREAS TO BE REMOVED AND REPLACED WITH NEW AS PER MECHANICAL DRAWINGS.
- 4. REMOVE ALL LT SWITCHES, OUTLETS & FIRE ALARMS, & INSTALL NEW AS PER ELECTRICAL PLANS.
- 5. WHERE NEW WALLS AFFECT ADJACENT AREAS AFFECTED ACT CEILING MUST BE RESTORED AND AFFECTED FIXTURES RELOCATED IF REQ'D.

## REFLECTED CEILING PLAN (RCP) NOTES

- I. ALL SWITCHES SHOULD BE INSTALLED AT 48" TO THE TOP OF THE SWITCH, U.O.N. REFER TO ELECTRICAL DRAWINGS FOR KEY LOCK SWITCHES INFO & LOCATION.
- 2. GANG ALL SWITCHES, WHERE APPLICABLE.
- 3. REFER TO ELEC. DWG'S FOR REMOVAL OF FIXT & COMPLETE SCOPE OF ELEC. WORK INCLUDING CIRCUITING & SWITCHING.
- 4. REFER TO LIGHTING SCHEDULE PROVIDED ON SHEET A-600 AND ELECTRICAL DRAWINGS.
- 5. INSTALL NEW GWB CEILING AND ALL ASSOCIATED COMPONENTS INCLUDING LIGHTING FIXTURES, DIFFUSERS, ACCESS HATCHES, FIRE ALARM DEVICES, ETC. COORDINATE WITH ELECTRICAL, MECHANICAL AND FIRE PROTECTION.
- 6. INSTALL CEILING MOUNTED OCCUPANCY SENSORS, COORDINATE WITH ELECTRICAL.
- 7. AT NEW WALL LOCATIONS REMOVE REPAIR CEILING GRID AND TILE AS REQUIRED TO ACCOMMODATE NEW PARTITIONS. PROVIDE NEW/ADDITIONAL CEILING SYSTEM HANGER TO MAINTAIN PROPER SUPPORT OF CEILING.
- 8. IF NEW WALL PARTITION AFFECTS EXISTING FIXTURES IN ACT CEILING, RELOCATE FIXTURES AT CLOSEST AVAILABLE GRID LOCATION. VERIFY WITH ARCHITECT AND OWNER PRIOR TO INSTALLATION.9.
- 9. SCHEDULED CEILING TYPES AND EQUIPMENT MUST BE COORDINATED WITH MEP DRAWINGS AND MEP COORDINATION SHOP DRAWINGS WHEN REQUIRED. DEPTHS OF CEILING AND FIXTURES MUST BE SHOWN. ANY CHANGE IN DESIGN INTENDED CEILING HEIGHT MUST BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND OWNER PRIOR TO INSTALLATION.

## REFLECTED CEILING PLAN NO

- IO. FINAL ACCESS PANEL SIZE AND LOCATIONS COORDINATED WITH EQUIPMENT ABOVE THE LOCATIONS WHERE HARD CEILINGS ARE SPE ACCESS PANEL LOCATIONS IN MEP COORDIN DRAWINGS.
- . REFER AND COORDINATE WITH MEP/FP DRAN CEILING EQUIPMENT INCLUDING SUPPLY AND R SPRINKLER HEADS, ALARMS AND SENSORS, E
- 12. PRIOR TO CEILING FRAMING CONTRACTOR SH NO OBSTRUCTIONS OCCUR TO SCHEDULED FIX EQUIPMENT, ANY OBSTRUCTION MUST BE REPO ARCHITECT AND ENGINEER PRIOR TO CONST
- 13. FOR NEW CEILINGS THAT ARE NOTED AT LES PRIOR TO CEILING FRAMING CONTRACTOR SH ARCHITECT POSSIBILITY TO RAISE CEILING NO FRAMING SHALL COMMENCE BEFORE MAX HEIGHT IS CONFIRMED BY ARCHITECT.
- 14. NO CHANGE IN SPRINKLER NUMBER. RELOCATI CENTER OF ROOM WHERE INDICATED WITH IND FOR SUFFICIENT COVERAGE, TYP.

TEC		
TES:	CONSTRUCTION PLAN NOTES:	
MUST BE CEILING IN CIFIED. SHOW ATED SHOP	<ol> <li>ALL EXPOSED, EX'G SURFACES, INCLUDING WALLS &amp; CEILINGS, SHOULD BE SKIM COATED TO MATCH SIMILAR QUALITY OF NEW PARTITIONS.</li> </ol>	
NINGS FOR ALL ETURN AIR GRILLES,	<ol> <li>BURY ALL WIRING &amp; PATCH EX'G SURFACES WHICH HAVE BEEN CHANNELED FOR ELEC. OR OTHER INVASIVE WORK. PREPARE &amp; PAINT/TILE WALLS ACCORDING TO FINISH SCHED.</li> </ol>	
TC. HALL VERIFY THAT (TURES, DUCTS AND DRTED TO RUCTION.	<ol> <li>PROVIDE FIRE RETARDANT TREATED WOOD BLOCKING AS REQ'D BEHIND FINISHES FOR INSTALLATION OF GRAB BARS, ACCESSORIES, TOILET PARTITION ANCHORS, FIXTURES &amp; VANITIES. FOR 3-STATION VANITY SUPPORT REFER TO MANUFACTURER'S RECOMMENDATIONS.</li> </ol>	RESTROOM RENOVATION PURCHASE COLLEGE
95 THAN 8'-0", HALL VERIFY WITH	<ol> <li>ALL RATED PARTITIONS SHALL EXTEND TO THE SLAB ABOVE. CEILING HEIGHT PARTITIONS SHALL BE BRACED TO THE SLAB ABOVE.</li> </ol>	STATE UNIVERSITY OF NEW YORK
10 REACH 8'-0' MIN. XIMUM CEILING	5. PATCH & REPAIR ANY AREAS DAMAGED BY LEAKAGE PRIOR TO NEW FINISHES & CONSTRUCTION.	735 Anderson Hill Rd. Purchase, NY 10577
E SPRINKLER TO DEX R, TO ALLOW	6. REFER TO PLUMBING DWGS & SPECS FOR REQ'D PIPING & CONNECTIONS, MATERIALS & SCOPE OF WORK.	PHASE 2:
	<ol> <li>GC TO PROVIDE FIRESTOPPING AT ALL NEW &amp; EX'G PENETRATIONS TO REMAIN @ RATED PARTITIONS. ALL RATED PARTITION &amp; SHAFT WALLS TO BE RESTORED.</li> </ol>	MUSIC BUILDING DANCE BUILDING
	8. SCRAPE CLEAN & REPAIR WALLS, CEILINGS & FLOORS WITHIN SCOPE OF WORK AREA. PREP FOR NEW FINISHES & PAINT PER SPEC REQUIREMENTS. COLORS TO BE APPROVED BY ARCH.	PHYS. ED. BUILDING LIBRARY
	9. ENSURE A SMOOTH & EVEN SUBSURFACE FOR APPLICATION OF NEW FINISHES.	Conditions
	10. OUTLETS TO BE MOUNTED AT 15" A.F.F. UNLESS OTHERWISE NOTED FOR CONVENIENCE OUTLETS (2 44" AFF). REFER TO ELEC. DWGS FOR NEW OUTLET LOCATIONS AND ELECTRICAL REQUIREMENTS FOR FIXTURES AND ACCESSORIES. REFER TO PLUMBING DRAWINGS AND SCHEDULES FOR PL FIXTURES ELECTRICAL REQUIREMENTS.	ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY, AND THE PROPERTY OF RONNETTE RILEY ARCHITECT AND WERE CREATED, EVOLVED AND DEVELOPED FOR THE USE ON, AND IN CONNECTION WITH THE SPECIFIED PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PERSON, FIRM OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF RONNETTE RILEY ARCHITECT. © Copyright Ronnette Riley Architect 2020
	II. REFURBISHED & NEW FLOOR DRAINS WHERE INDICATED, REFER TO PLUMBING DRAWINGS AND SPECS FOR DETAILS.	
- NEW ACT TILE, REUSE LIGHT FIXTURE OR	12. IF NEW RESTROOMS REQUIRE WORK ON FLOOR BELOW TO ACCESS PLUMBING, DISTURBED SPACES TO BE RESTORED TO ORIGINAL CONDITION AT CONCLUSION OF WORK. IF APPLICABLE, IN ADJACENT SPACES, REPAIR EXISTING DAMAGED CERAMIC WALL TILE IN PLACE, MATCH ADJACENT FINISH.	494 Eighth Avenue, 15th Floor New York, NY 10001
REPLACE IN KIND.	13. INSTALLATION OF ALL FIXT. AND ACCESSORIES MUST COMPLY WITH THE ADA GUIDELINES AND PRESCRIBED DIMS. <u>CONSTR.</u> <u>TOLERANCES WILL NOT BE PERMITTED.</u> DIMS ARE PROVIDED TO ALLOW FOR MIN OR MAX RANGES. ANY FIELD CONDITION THAT SLIGHTLY VARIES FROM THE DWGS SHALL BE VERIFIED WITH ARCHITECT PRIOR TO CONSTRUCTION OR INSTALLATION.	T 212 594 4015 F 212 594 2868 www.ronnetteriley.com MEP Engineer SETTY & Associates, Ltd
•	14. ALL PLUMBING FIXT & ACCESSORIES SHALL BE ADA COMPLIANT IN COMPLIANCE WITH ADA ARCH. GUIDELINES. GENERAL INFORMATION ON FLOOR SPACE CLEARANCES AND MOUNTING HEIGHTS PROVIDED ON ADA DETAIL SHEETS, A-003 AND A-004	535 Eighth Avenue, Suite 21S New York, NY 10018 T 646 253 9000 F 646 224 8497
	15. AT AREAS WHERE NEW MASONRY INFILL OR ABUTS EXISTING MASONRY, THE MASONRY COURSING SHALL BE MAINTAINED AND THE VERTICAL JOINTS SHALL BE TOOTHED INTO THE EXISTING COURSING UNLESS NOTED OR DIRECTED OTHERWISE.	
\$	16. REFER TO WALL TYPES AND WET WALL FINISH DETAILS ON SHEET A-501	
	NEW CEILING FRAMING:	Rev Date Issue
	17. UPON CEILING DEMOLITION, CONTRACTOR WILL REVIEW WITH ARCHITECT ANY POSSIBILITY TO RAISE CEILING UP TO 8'-6" IN AREAS WHERE CEILINGS ARE NOTED BELOW 8'-6"	29 April 2022 Issue for Bid
	18. NO CEILING FRAMING WILL COMMENCE BEFORE EVENTUAL OBSTRUCTIONS FOR SCHEDULED FIXTURES AND ACCESSORIES ARE IDENTIFIED AND REVIEWED WITH ARCHITECT.	
=	TOILET ROOMS GENERAL NOTES: 1. SOAP, TOILET TISSUE DISPENSERS, HAND DRIERS AND OTHER	

I. GC TO PROVIDE PROPER BLOCKING FOR ALL WALL MOUNTED ACCESSORIES.

REFER TO ACCESSORIES SCHEDULE ON SHEET A-601

- 2. PROVIDE A PULL DOOR HANDLE ON ALL HANDICAP STALL DOORS. LOCATE HANDLE ON TOILET-FACING SIDE WHEN DOOR IS IN CLOSED POSITION, 6" FROM THE HINGE SIDE OF DOOR \$ 30" AFF
- 3. UNLESS NOTED OTHERWISE, MOUNT DOOR HOOKS ON TOILET-FACING SIDE OF ALL TOILET PARTITION DOORS \$ SINGLE USE TOILET DOORS WHEN DOOR IS IN CLOSED POSITION, AT CENTER LINE OF DOOR LEAF, 48" AFF FOR ADULTS RESTROOMS.
- 4. REFERENCE MOUNTING HEIGHTS AND LOCATIONS INDICATED ON SHEET A-003 AND A-004 AS PER ADA GUIDELINES.

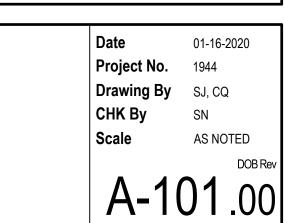
DQO2D

6'-7

Title PLANS MUSIC BUILDING

Keyplan

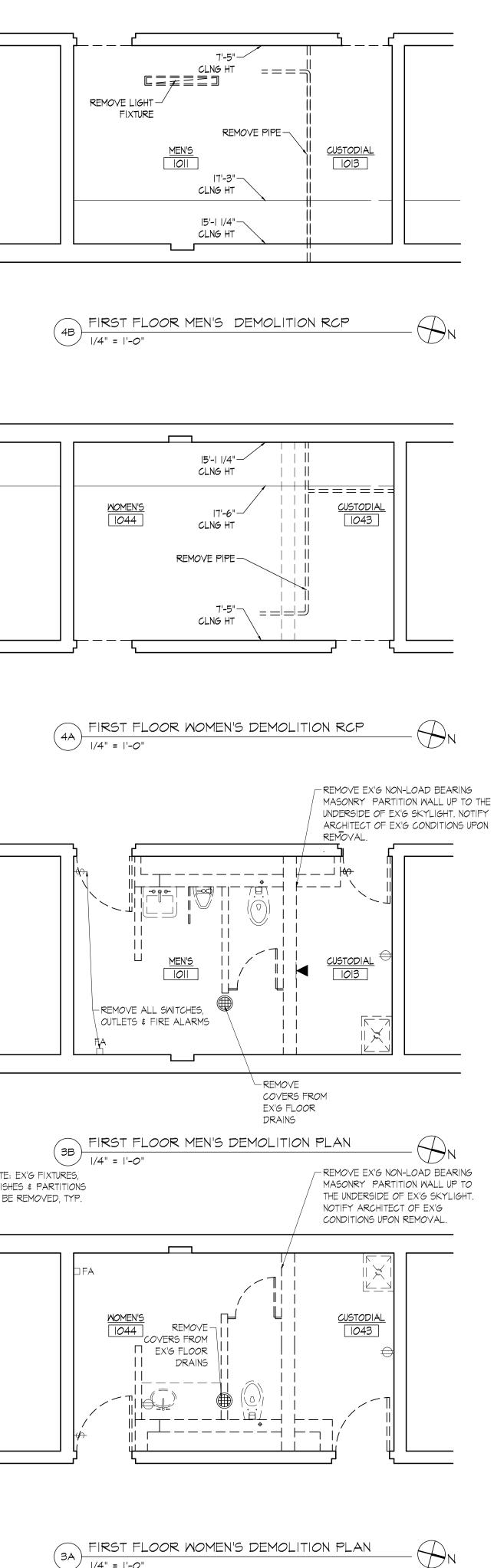
BASEMENT PLAN

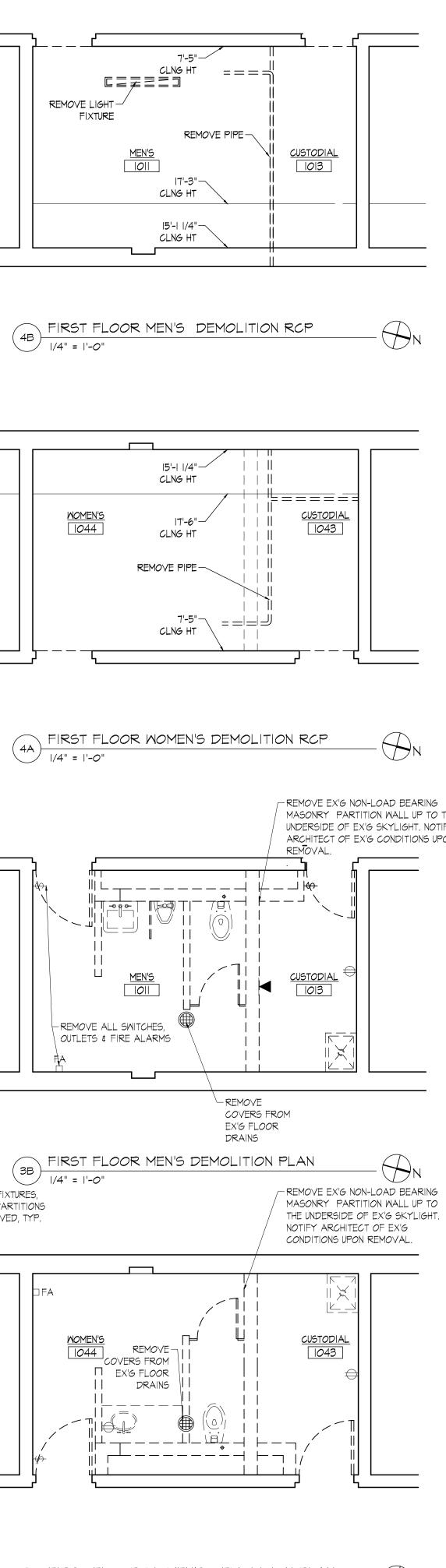


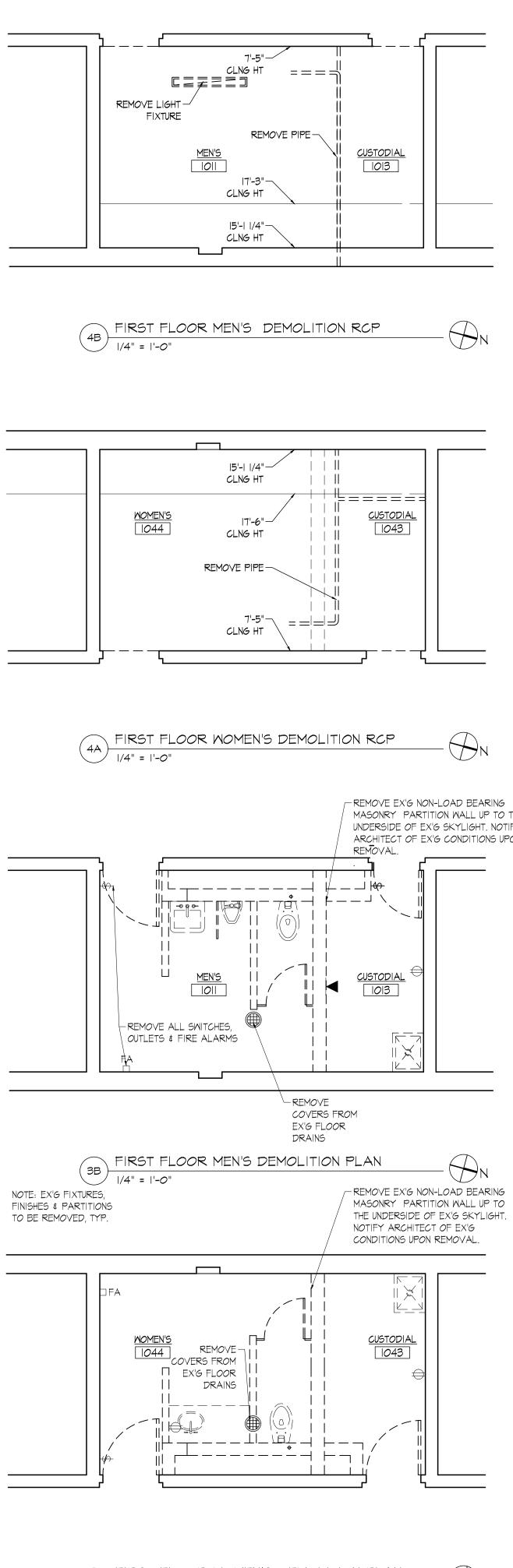
AREA OF-

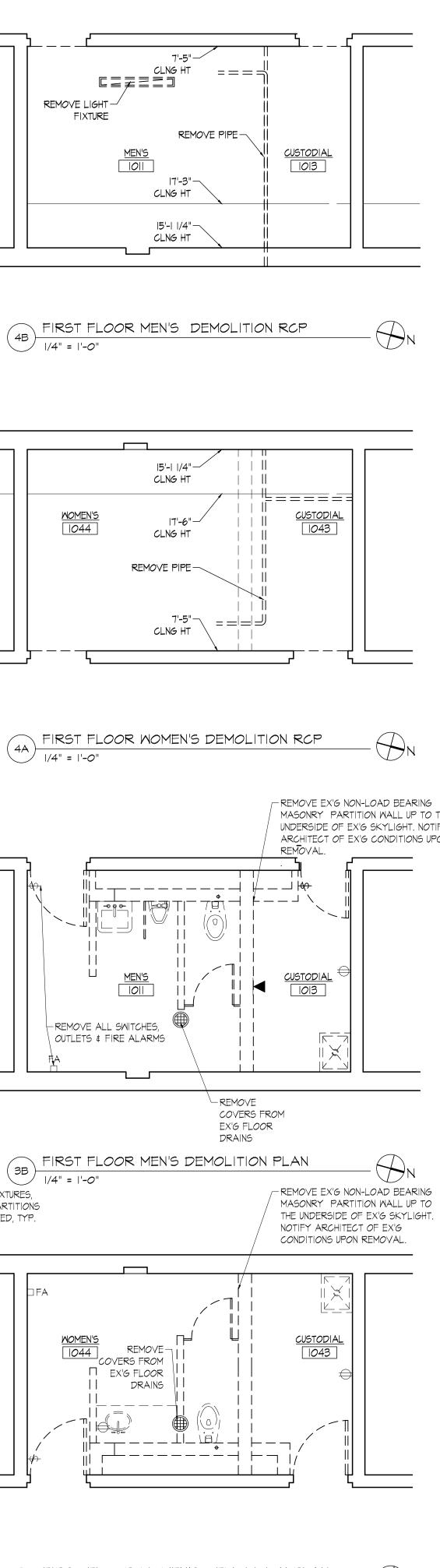
WORK

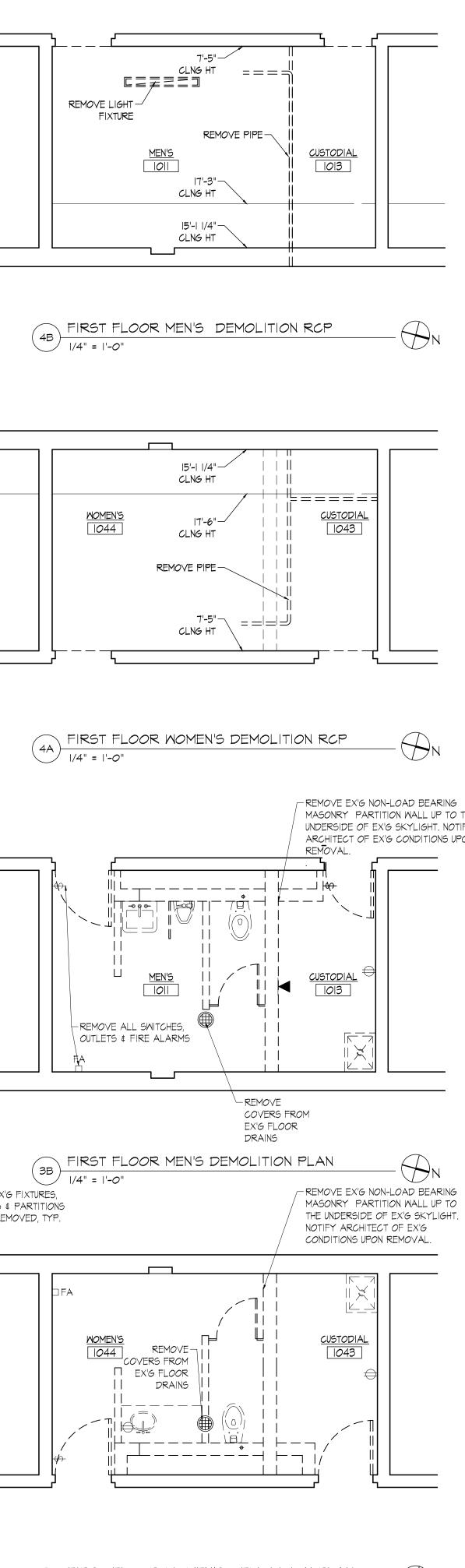
PROPOSED

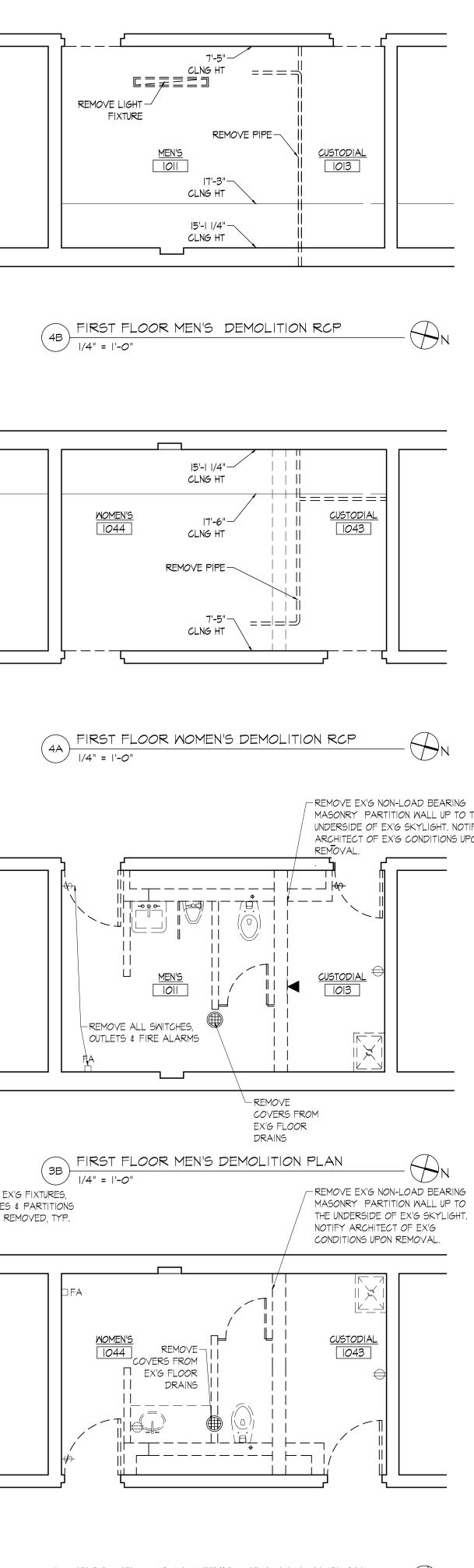


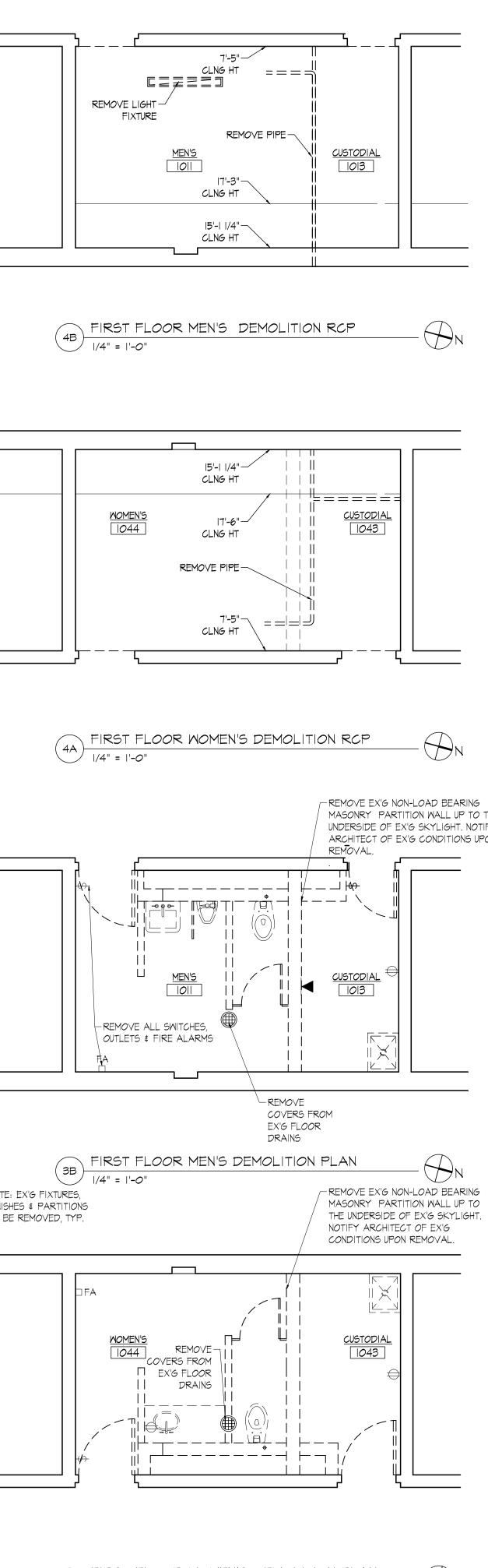




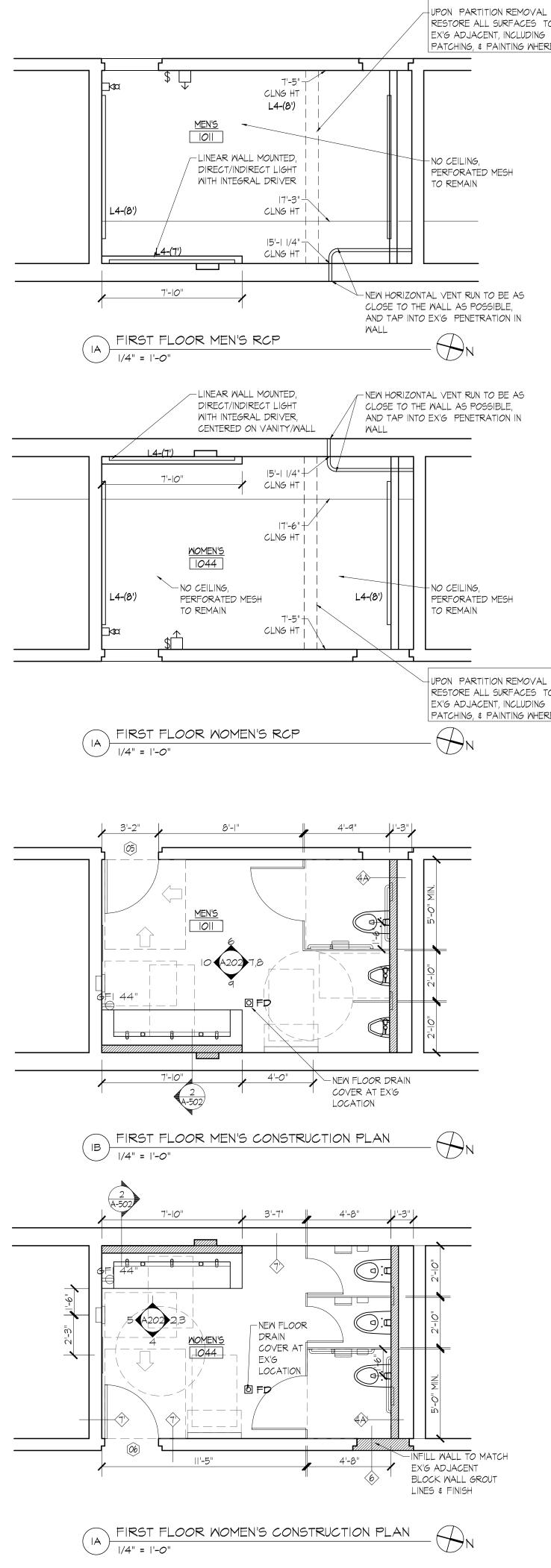








FIRST FLOOR WOMEN'S DEMOLITION PLAN (3A) FIRST FLC 1/4" = 1'-0"



## NOTES

I. FOR PLAN RELATED NOTES INCLUDING DEMOLITION NOTES, RCP AND POWER DEMO NOTES, CONSTRUCTION PLAN NOTES, REFLECTED CEILING PLAN NOTES AND OTHER RELATED NOTES

-UPON PARTITION REMOVAL RESTORE ALL SURFACES TO MATCH REFER TO SHEET A-IOI EX'G ADJACENT, INCLUDING PATCHING, & PAINTING WHERE REQ'D

PERFORATED MESH

RESTORE ALL SURFACES TO MATCH EX'G ADJACENT, INCLUDING PATCHING, & PAINTING WHERE REQ'D

# **RESTROOM RENOVATION** PURCHASE COLLEGE

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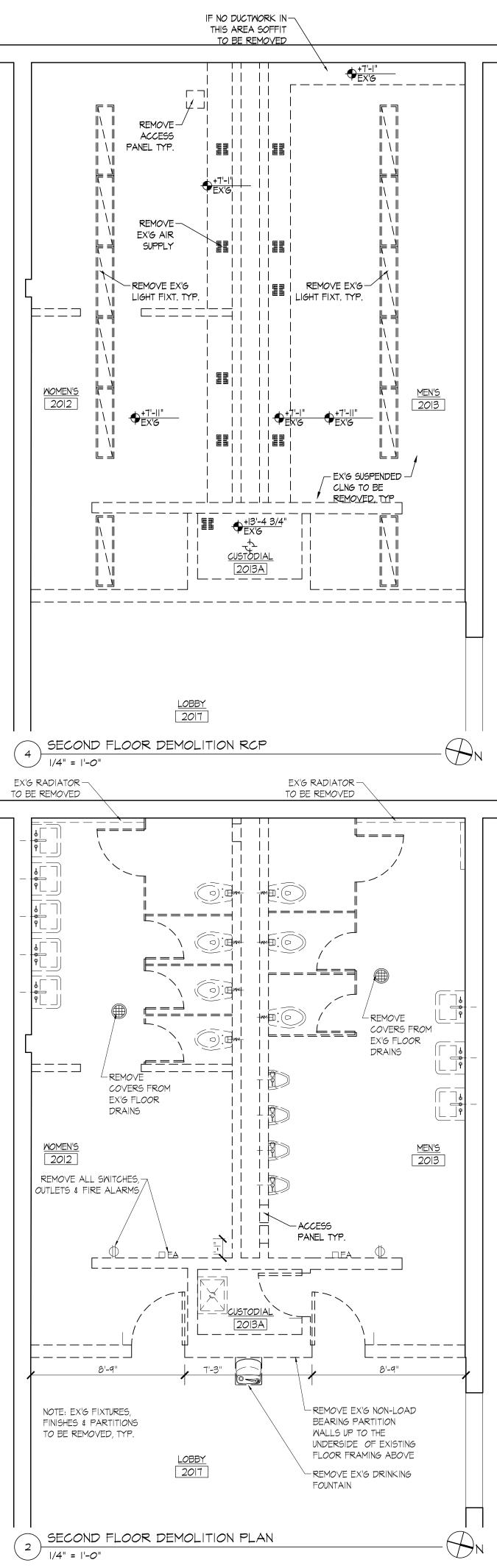
Rev Date Issue

29 April 2022 Issue for Bid

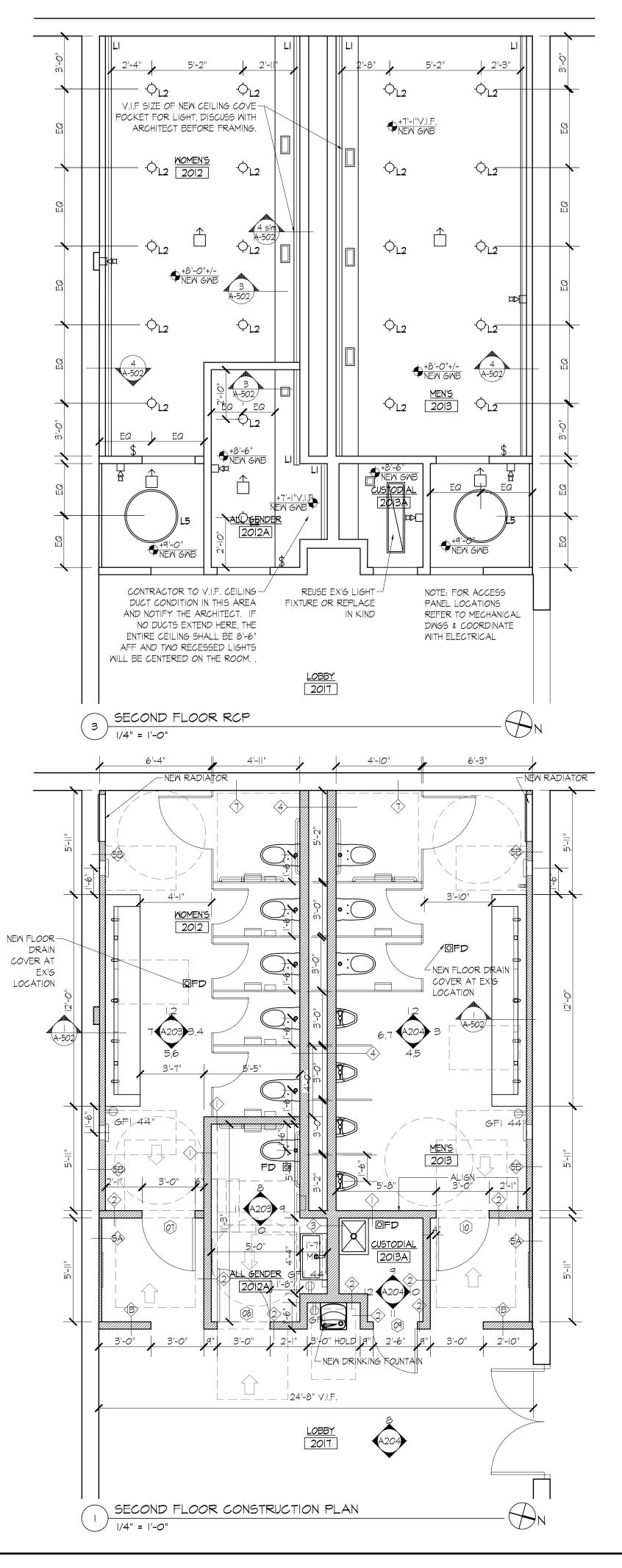
Keyplan -AREA OF PROPOSED WORK ₩ਫ਼ਫ਼ਫ਼ਫ਼ FIRST FLOOR PLAN

## Title PLANS DANCE BUILDING

#### Date 01-16-2020 Project No. 1944 Drawing By SJ, CQ СНК Ву SN Scale AS NOTED DOB Rev A-102.00



#### NOTE: FOR FINAL ACCESS PANEL LOCATIONS WHERE REQUIRED, COORDINATE WITH MEP, TYP.



I. FOR PLAN RELATED NOTES INCLUDING DEMOLITION NOTES, RCP AND POWER DEMO NOTES, CONSTRUCTION PLAN NOTES, REFLECTED CEILING PLAN NOTES AND OTHER RELATED NOTES REFER TO SHEET A-IOI

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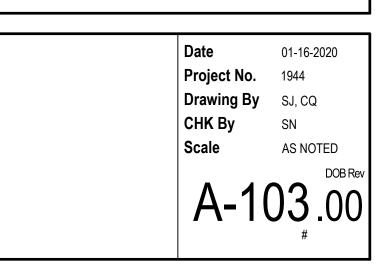
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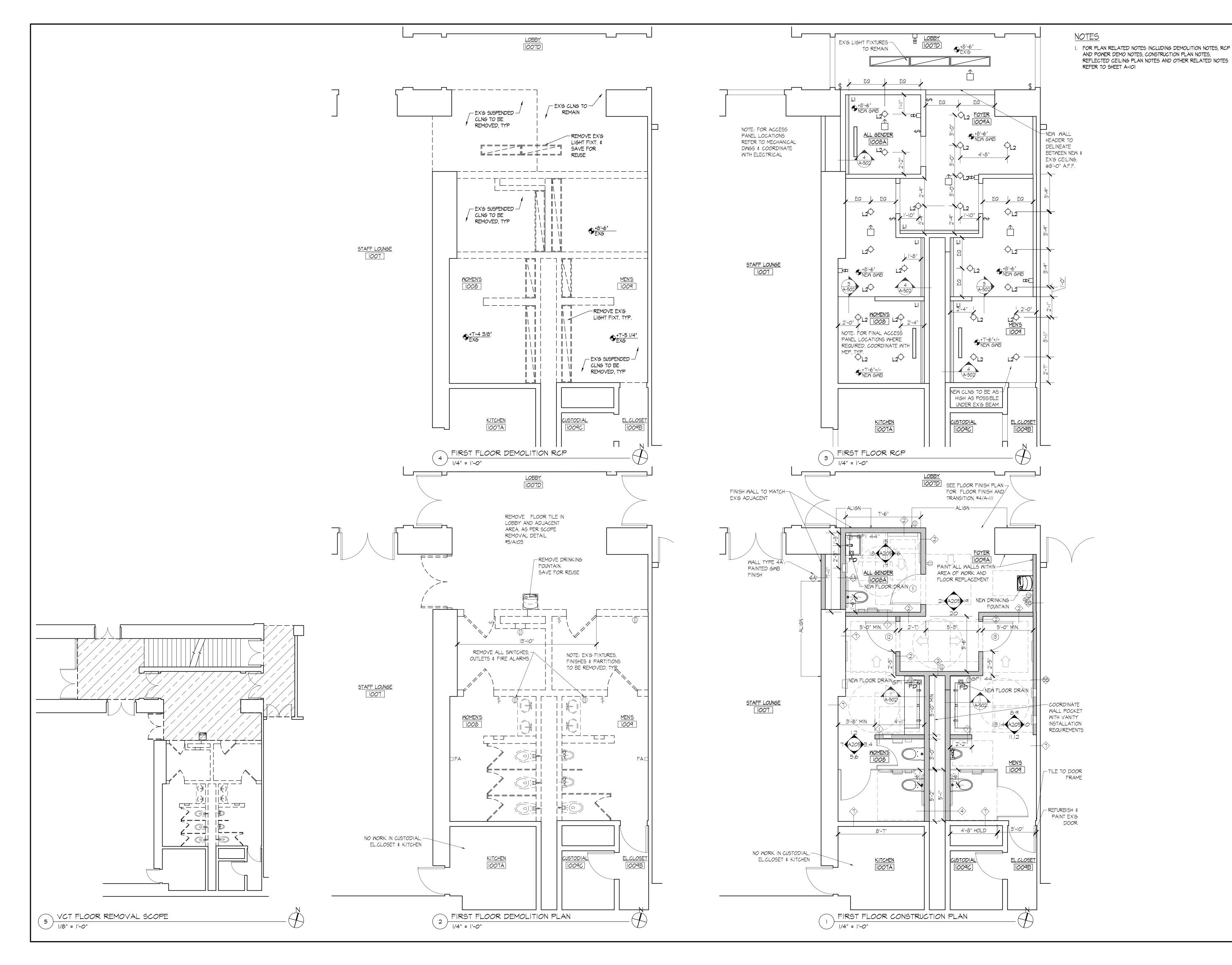
Rev Date lssue

29 April 2022 Issue for Bid

Keyplan ] 🖆 - AREA OF PROPOSED WORK SECOND FLOOR PLAN

# Title PLANS PHYSICAL EDUCATION





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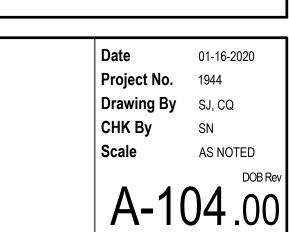
MEP Engineer

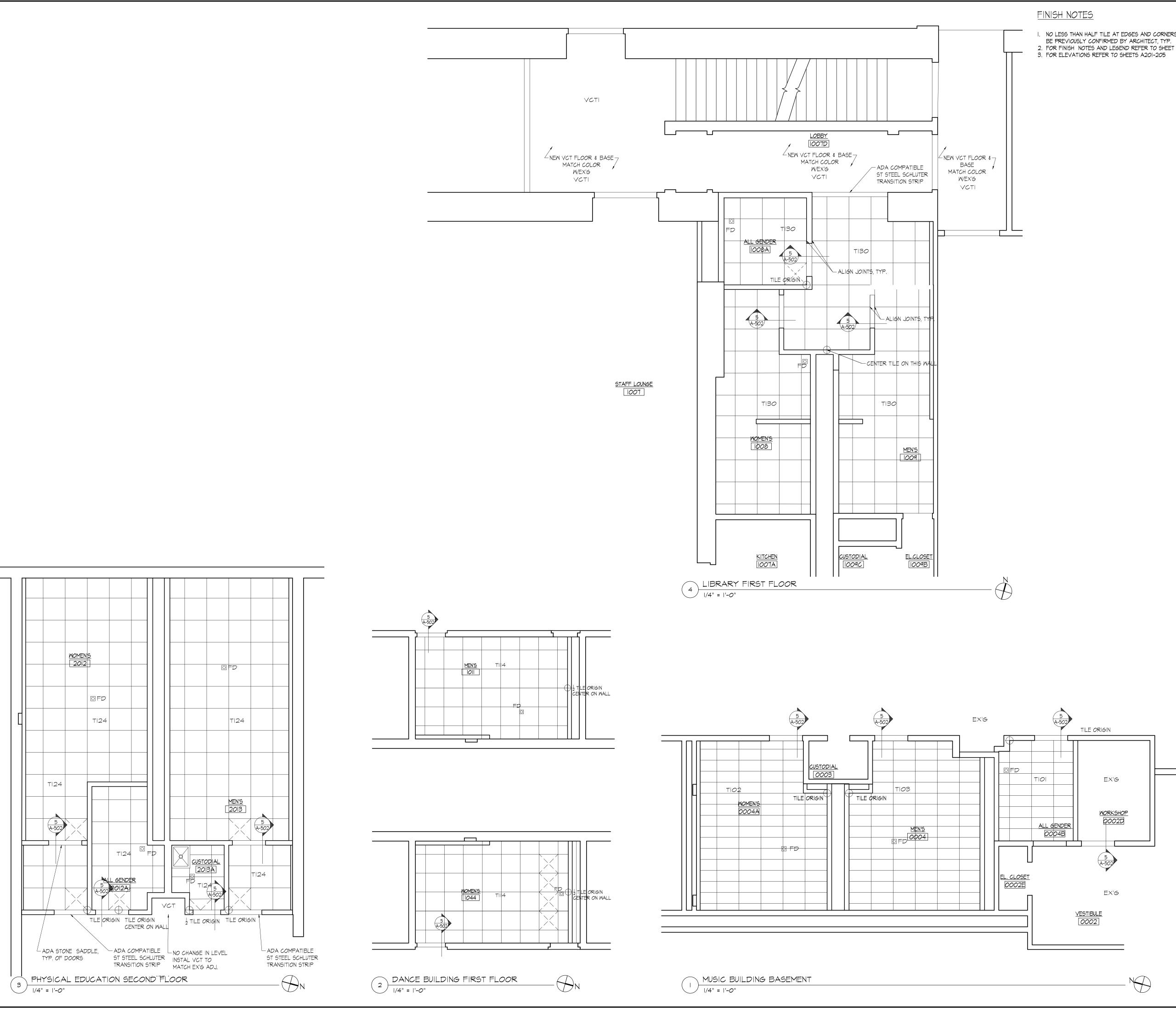
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Rev Date lssue 29 April 2022 Issue for Bid

Keyplan AREA OF ≝∼≻\_\_| WORK ina mina di nan di nan di nan di na FIRST FLOOR PLAN

Title PLANS LIBRARY BUILDING







I. NO LESS THAN HALF TILE AT EDGES AND CORNERS. LAYOUTS TO 2. FOR FINISH NOTES AND LEGEND REFER TO SHEET A-601

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Rev Date Issue

29 April 2022 Issue for Bid

Title

# FLOOR FINISH PLANS

Date Project No. 1944 Drawing By SJ, CQ CHK By Scale

01-16-2020 SN

AS NOTED DOB Rev A-111.00

# ELEVATION NOTES:

I. CONVENIENCE GFCI OUTLETS TO BE LINED

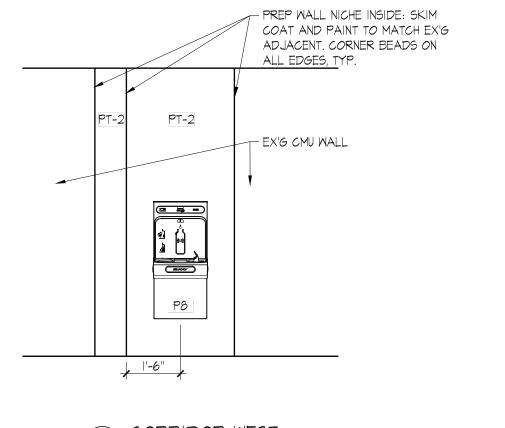
WITH THE MIRROR EDGE @ 3'-3  $rac{1}{3}$ " A.F.F AND TO CLEAR VANITY / MIRROR, TYP.

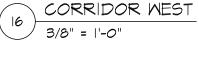
2. SOAP DISPENSER OUTLETS TO BE HIDDEN BEHIND THE VANITY COVERS, COORDINATE WITH MANUFACTURER'S INSTRUCTIONS

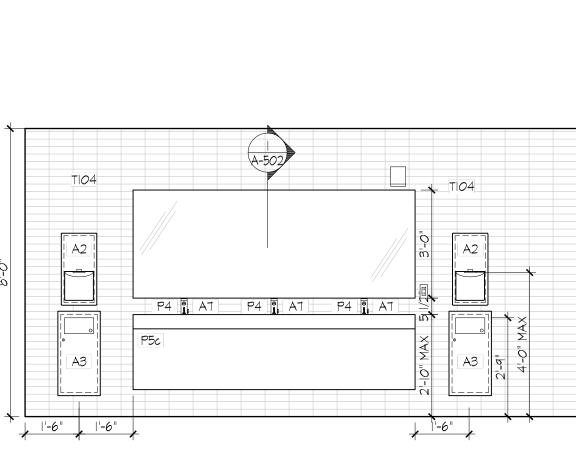
3. TILE LAYOUTS MUST BE CONFIRMED PRIOR TO INSTALLATION

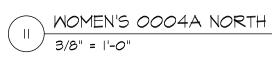
4. MOUNTING HEIGHT AND PLACEMENT OF PLUMBING FIXTURES, TOILET ACCESSORIES, AND DOOR CLEARANCES MUST BE ADA COMPLIANT, REFER TO REQUIREMENTS NOTED ON SHEETS A-003 AND A-004. IF ANY DIMENSION SHOWN ON ELEVATIONS CONTRADICTS ADA DETAILS ON SHEETS A-003, A-004 AND A-005 CONTRACTOR SHALL NOTIFY ARCHITECT IMMEDIATELY.

5. ALL ADA DIMENSIONS, HEIGHTS AND CLEARANCES OF FIXTURES AND ACCESSORIES, DOOR AND REACH CLEARANCES SHALL HOLD UP TO MIN OR MAX DIMENSION PROVIDED. NO TOLERANCES.

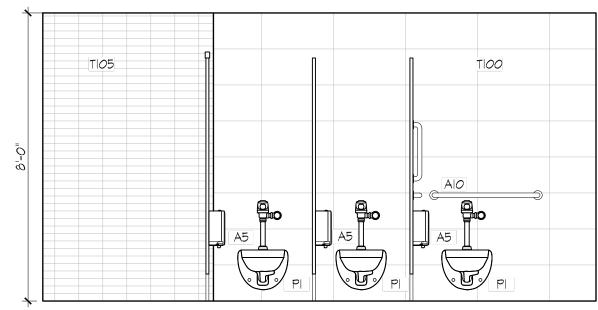


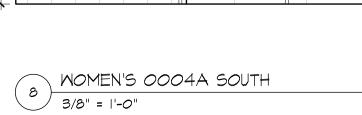


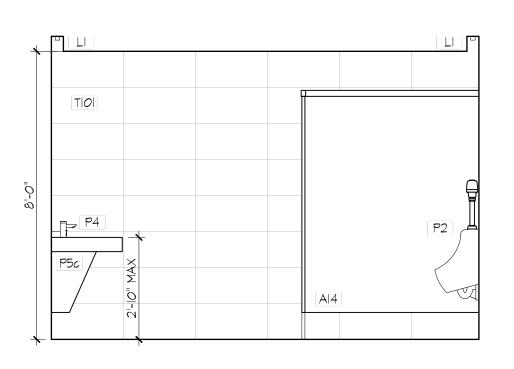




TI04

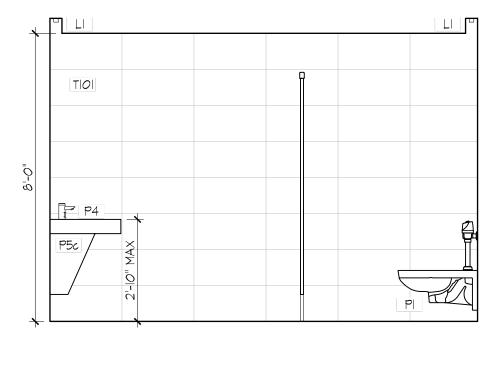




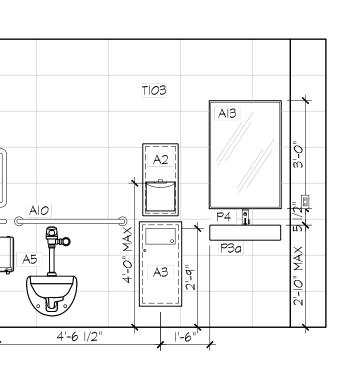


P4 2'-11" 
 WOMEN'S 0004A EAST

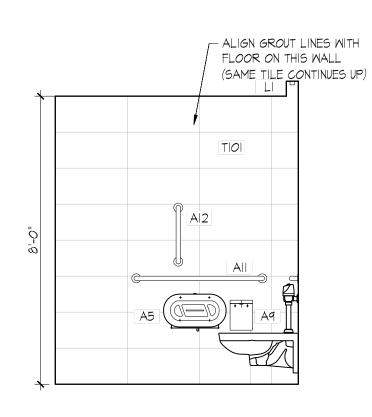
 3/8" = 1'-0"



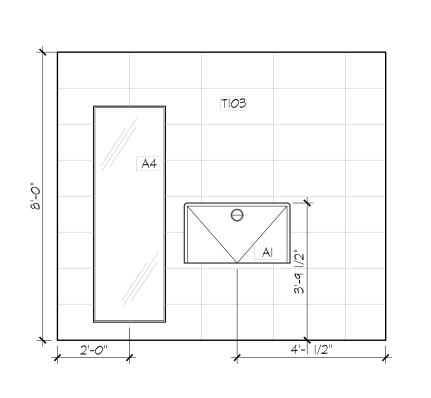
4 MEN'S 0004 WEST 3/8" = 1'-0"



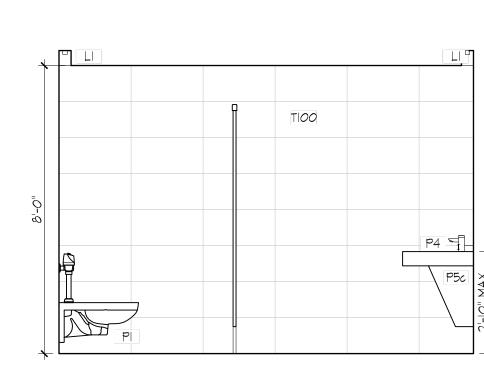




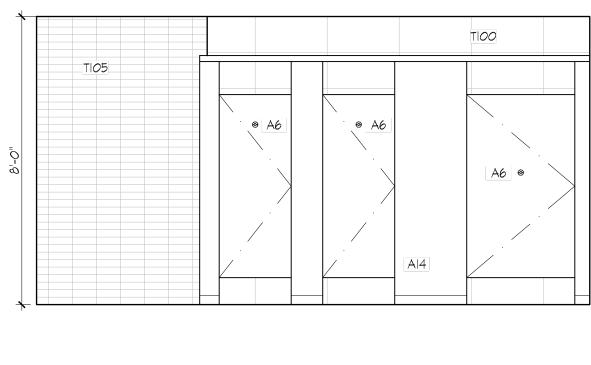
ALL GENDER 0004B WEST 14 3/8" = |'-0"



ALL GENDER 0004B SOUTH (13) ALL GLNL 3/8" = 1'-0"





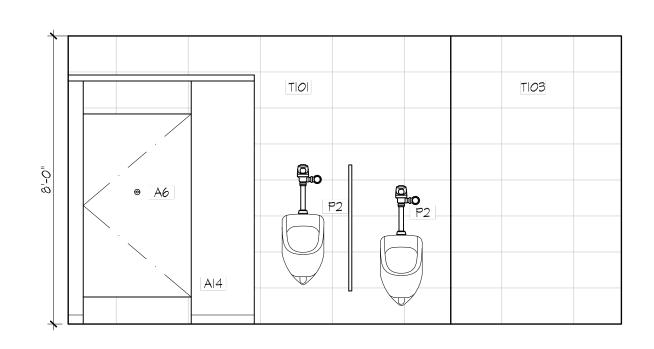


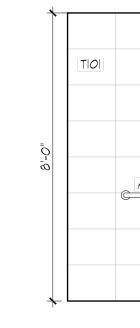


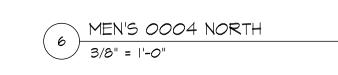


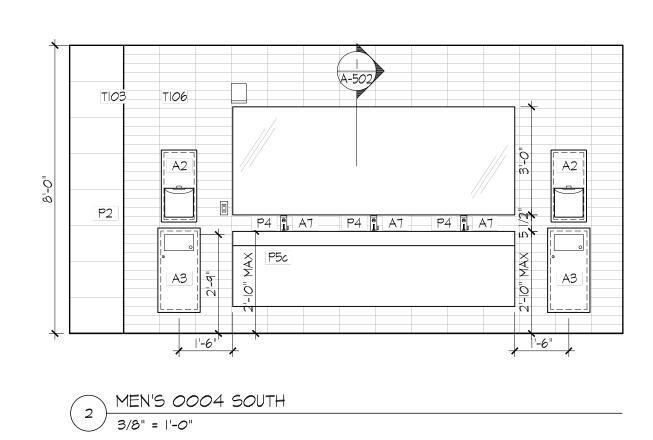


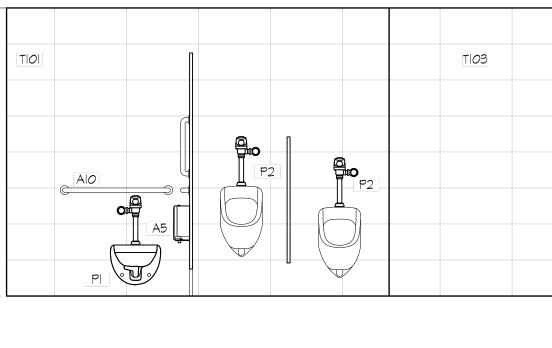
MEN'S 0004 WEST (3) 3/8" = I'-O"



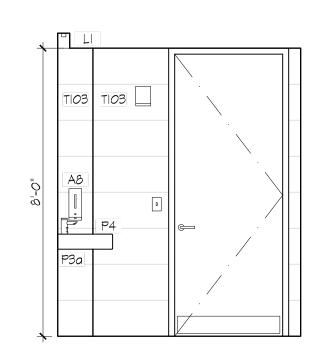












ALL GENDER 0004B EAST (12) ALL GEND 3/8" = |'-0"

 MOMEN'S 0004A SOUTH

 3/8" = 1'-0"

5 MEN'S 0004 NORTH 3/8" = 1'-0"



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MEP Engineer

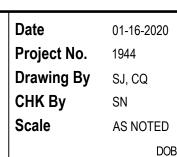
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Rev Date 29 April 2022 Issue for Bid

Issue

Title INTERIOR ELEVATIONS

MUSIC BUILDING

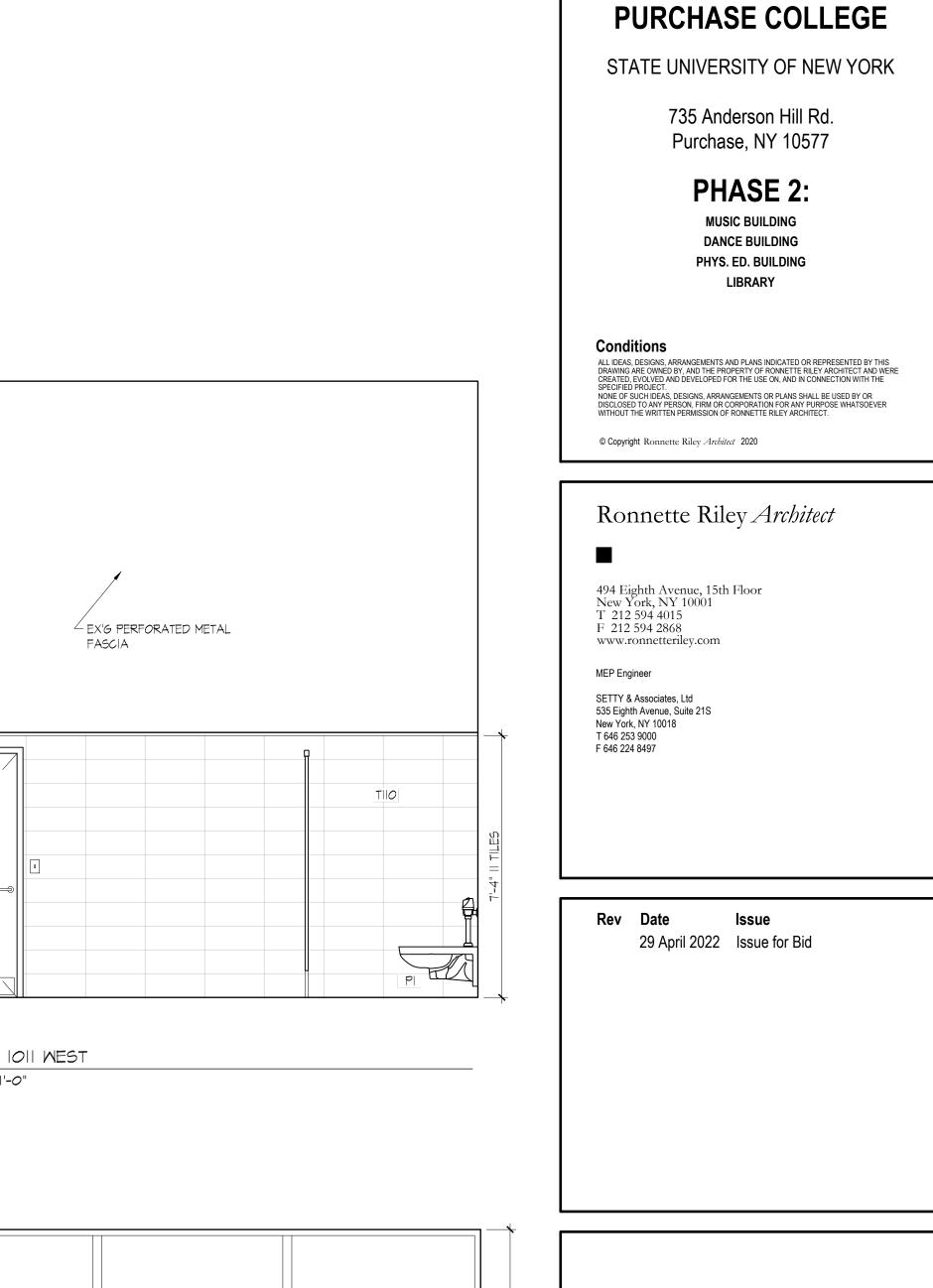


AS NOTED

DOB Rev A-201.00

3/8" = |'-0"





L4

T115

Title INTERIOR ELEVATIONS DANCE BUILDING

**RESTROOM RENOVATION** 

Date 01-16-2020 Project No. 1944 Drawing By SJ, CQ СНК Ву SN Scale AS NOTED DOB Rev A-202.00

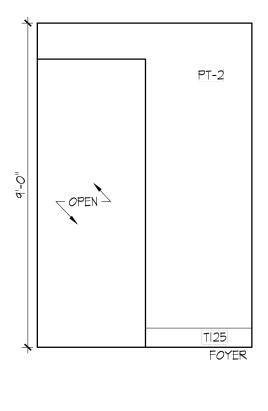
WOMEN'S 1044 WEST

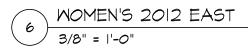
2 A-502

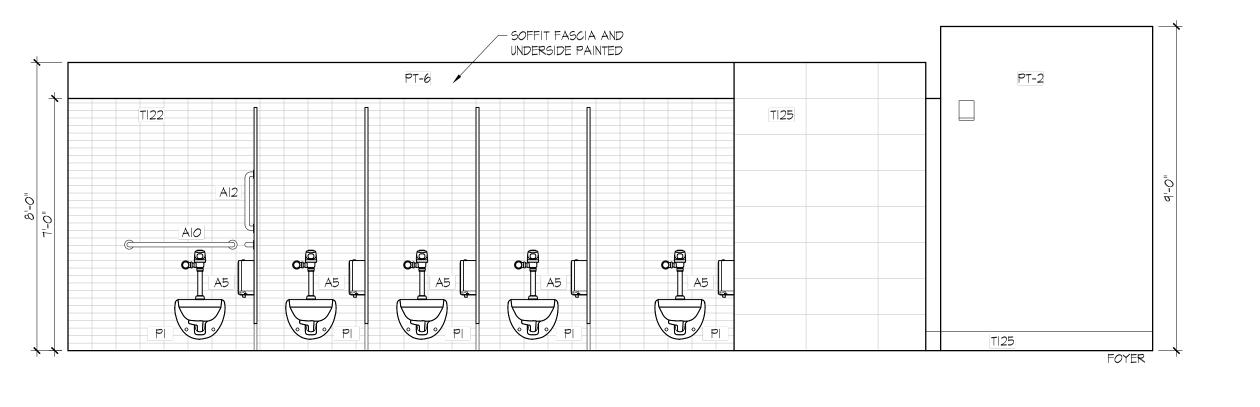
PT-2

ALIGN T-115 WITH T-110 ON ---TOP, AND CONTINUE WITH FULL TILE FROM TOP

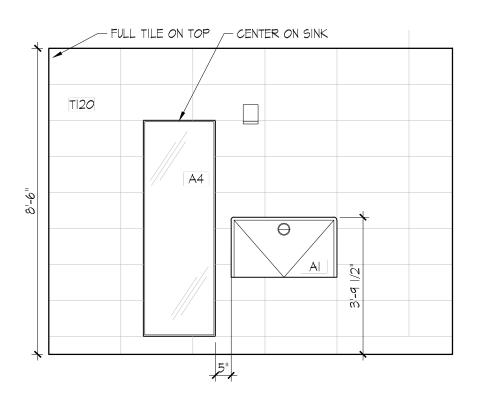
- EX'G CMU WALL BEYOND,



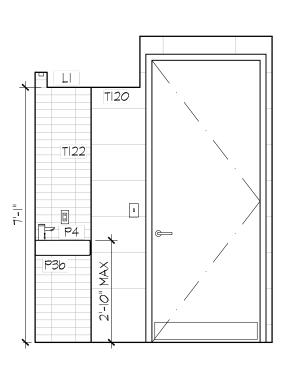




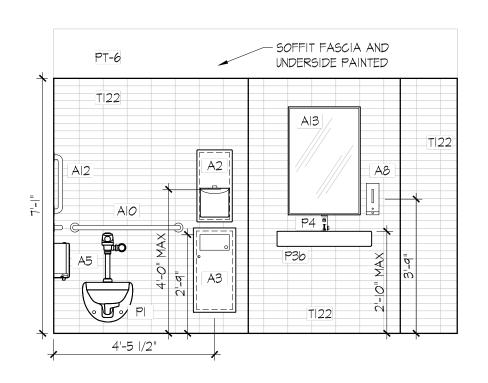
MOMEN'S 2012 NORTH 3/8" = |'-0"



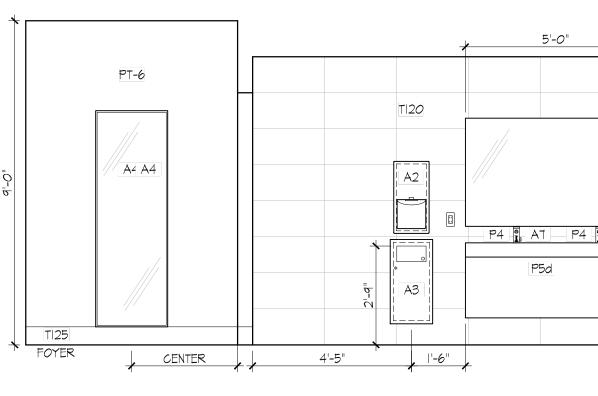




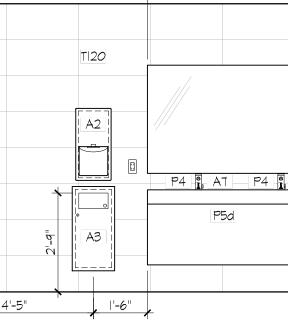
(10) ALL GENDER 2012A EAST 3/8" = 1'-0"

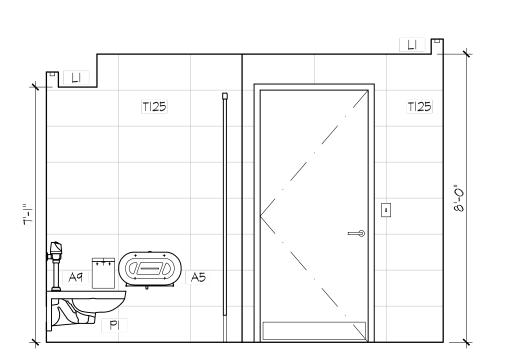


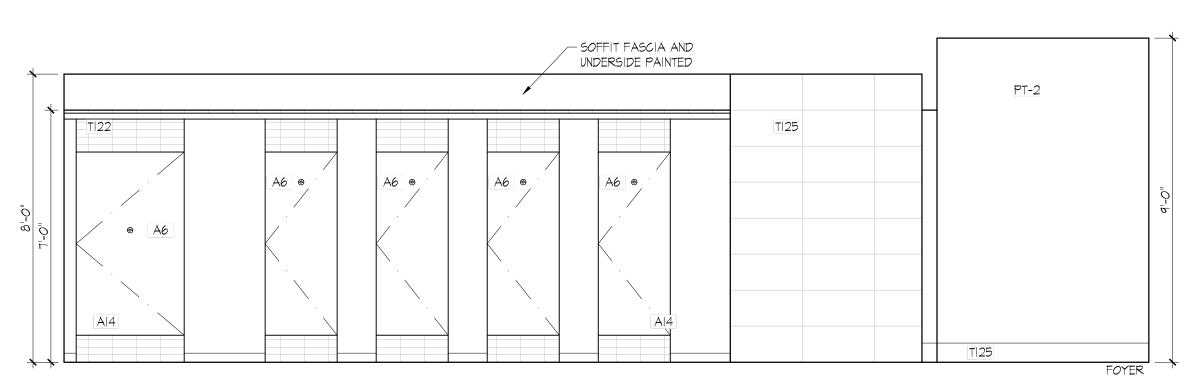
ALL GENDER 2012A NORTH (q) 3/8" = |'-0"



WOMEN'S 2012 SOUTH 3/8" = |'-0"

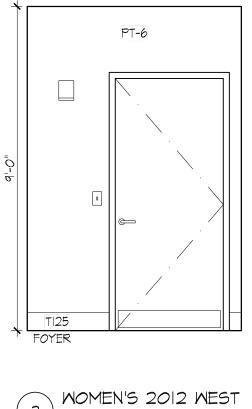




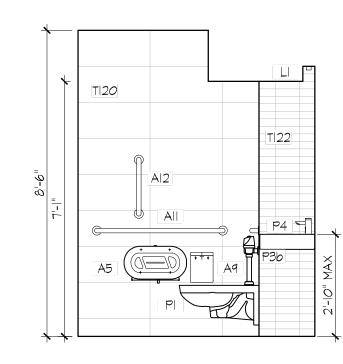


5 WOMEN'S 2012 EAST 3/8" = 1'-0"

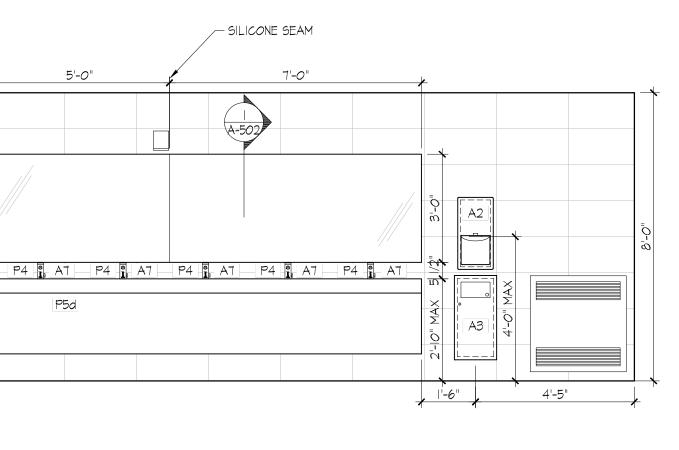


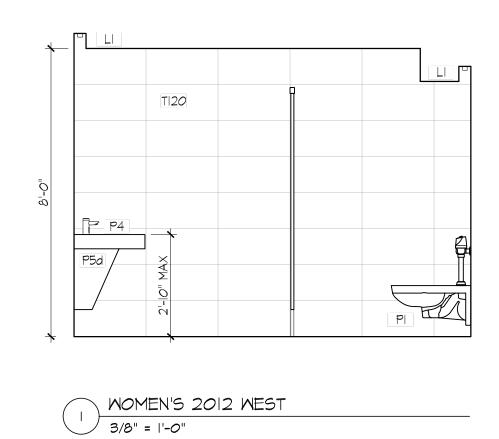


2 WOMEN'S 2012 WEST 3/8" = 1'-0"









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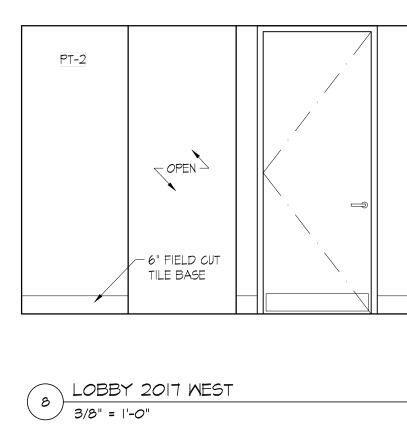
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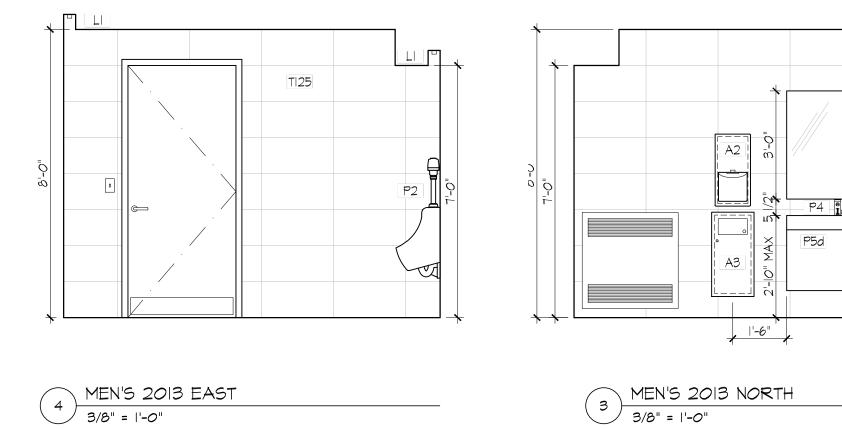
INTERIOR ELEVATIONS PHYSICAL EDUCATION

> Date Project No. 1944 Drawing By SJ, CQ СНК Ву Scale

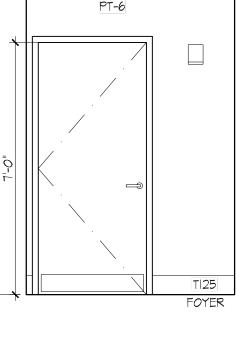
01-16-2020 SN

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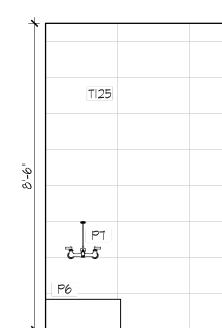








2 MEN'S 2013 WEST 3/8" = 1'-0"



MEN'S 2013 WEST 3/8" = 1'-0"

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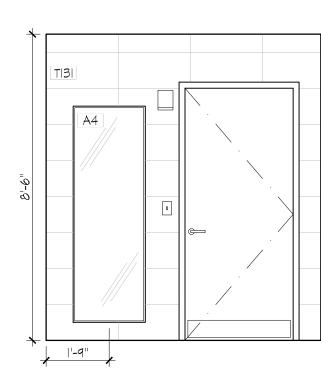
Title INTERIOR ELEVATIONS PHYSICAL EDUCATION

## Date 01-16-2020 Project No. 1944 Drawing By SJ, CQ СНК Ву SN Scale

AS NOTED A-204.00







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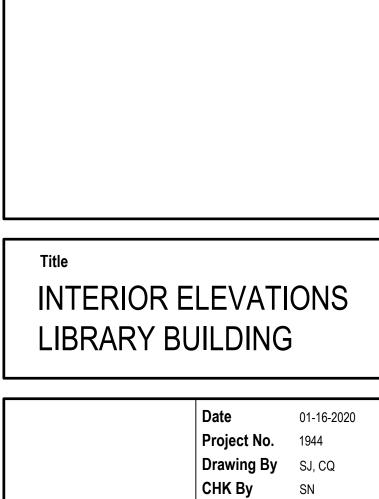
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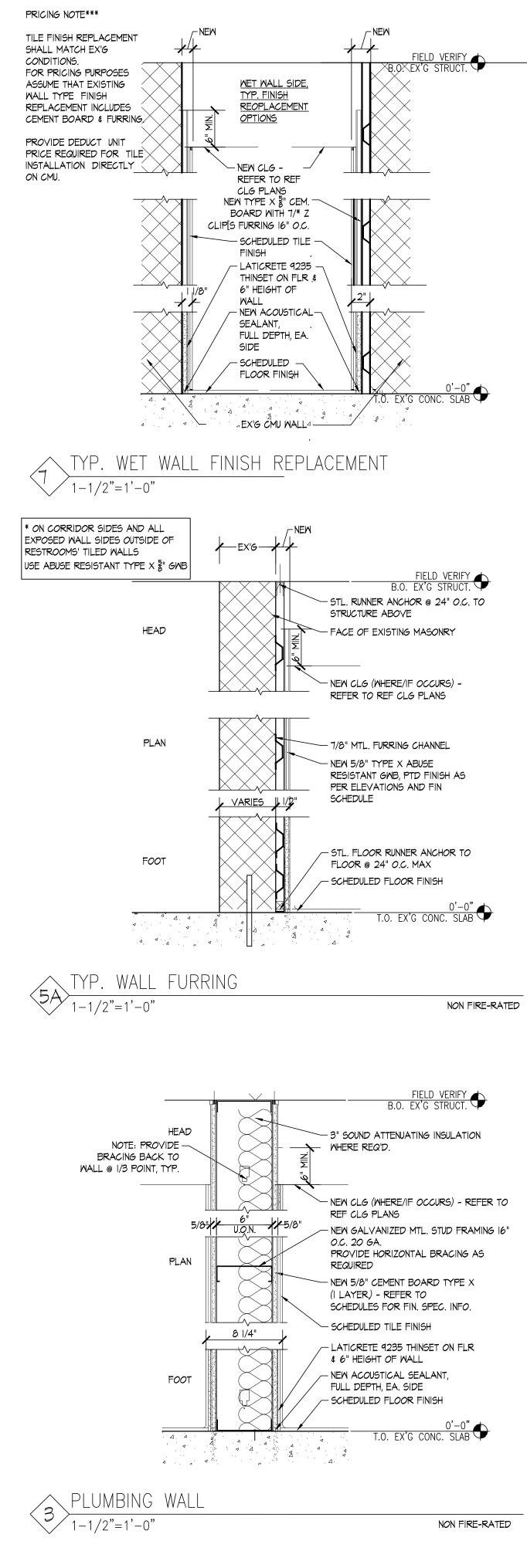


Scale

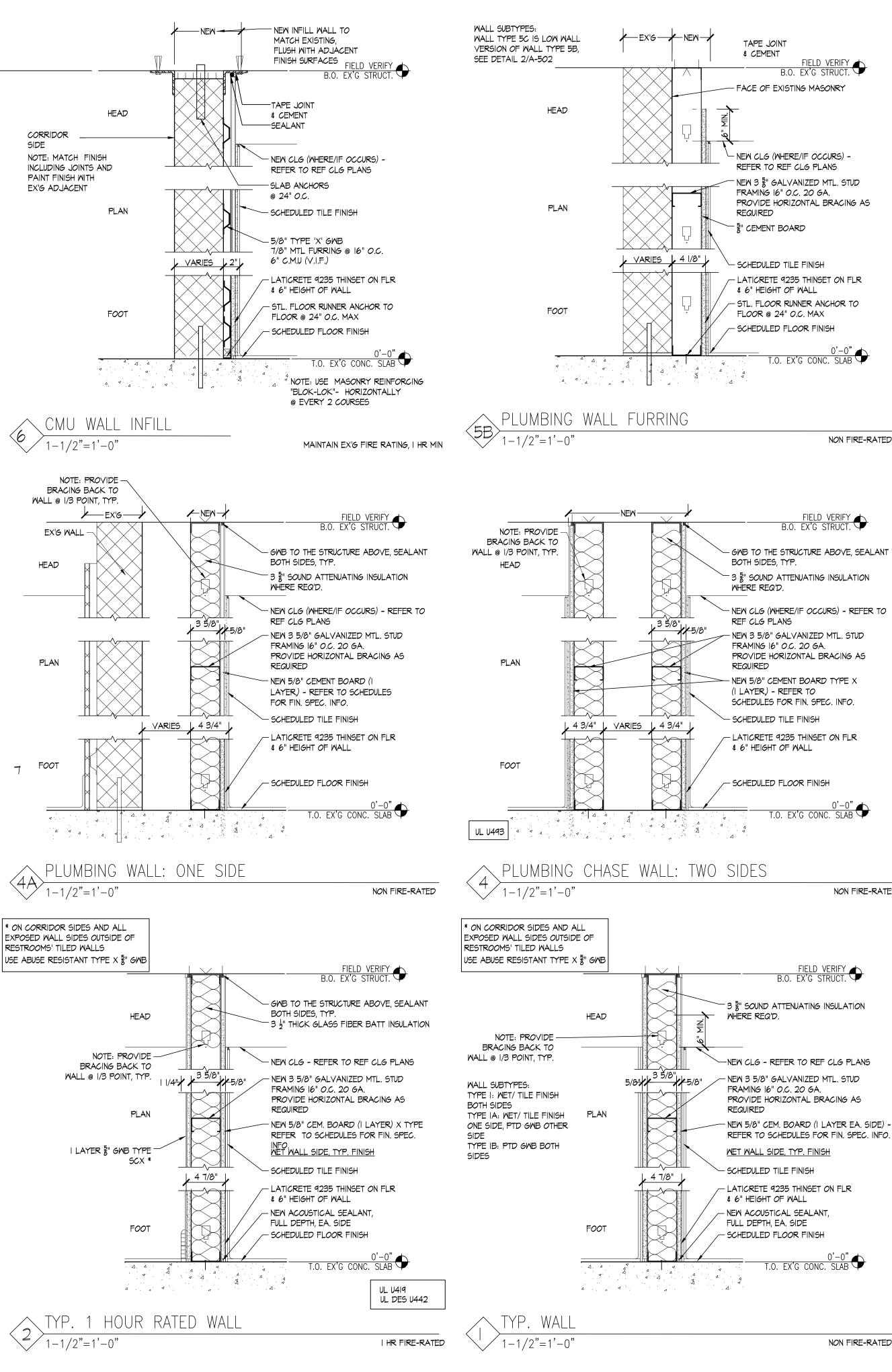
AS NOTED

A-205.00

DOB Rev



TYPICAL PARTITION WALLS / | |/2" = |'-*0*"



	PARTITION TYPE NOTES	
	I. REFER TO FLOOR PLANS FOR PARTITION TYPE LOCATIONS.	
	2. UNLESS OTHERWISE NOTED, DRYWALL PARTITIONS ARE DIMENSIONED TO FINISH FACE.	
5	3. FOR ALL FIRE RATED PARTITION ASSEMBLIES, CONFORM TO PUBLISHED DESIGN REQUIREMENTS FOR TESTED ASSEMBLY LISTED.	
	<ol> <li>FOR FIRE RATED PARTITIONS, PROVIDE HEAD OF WALL, BASE OF WALL AND PENETRATION FIRESTOPPING.</li> </ol>	RESTROOM RE
	5. OUTLET OR SWITCH BOXES LOCATED ON OPPOSITE SIDES OF WALLS OR PARTITIONS SHALL BE SEPARATED BY A MINIMUM HORIZONTAL DISTANCE OF 24 INCHES, (U.L., INC.)	PURCHASE C
	6. AT INTERSECTIONS OF RATED WALL & NON-RATED PARTITIONS, THE RATED PARTITION MUST BE CONTINUOUS TO MAINTAIN THE RATING.	STATE UNIVERSITY C
>	7. GYPSUM WALLBOARD IS 5/8" TYPE X U.N.O.	735 Anderson I
AS	<ol> <li>ABUSE RESISTANT GYPSUM BOARD ON EXPOSED FACES OF WALLS, TYPICAL.</li> </ol>	Purchase, NY
	9. CEILINGS AND SOFFITS SHALL BE CONSTRUCTED WITH STANDARD GYPSUM BOARD.	PHASE
२	IO. IN ALL ROOMS OR SPACES CONTAINING SINKS OR OTHER PLUMBING FIXTURES, INSTALL MOISTURE RESISTANT GWB ON THE WET WALL & RETURN ON THE SIDE WALLS 4'-O"	MUSIC BUILDI DANCE BUILDI PHYS. ED. BUILI
)	II. AT CERAMIC WALL TILE INSTALLATIONS, SUBSTRATE SHALL BE APPROPRIATE BACKER BOARD FOR PROPER INSTALLATION, REFER TO SPECIFICATIONS.	LIBRARY
•	12. REFER TO INTERIOR ELEVATIONS & DETAILS AND FINISH SCHEDULES LEGENDS AND NOTES ON SHEET A-601 FOR WALL FINISHES & WALL MOUNTED ACCESSORIES TO COORDINATE BLOCKING REQUIREMENTS.	Conditions ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDIC DRAWING ARE OWNED BY, AND THE PROPERTY OF RONY CREATED, EVOLVED AND DEVELOPED FOR THE USE ON, SPECIFIED PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PL DISCLOSED TO ANY PERSON, FIRM OR CORPORATION FO
	GC IS RESPONSIBLE FOR INSTALLATION OF ALL BLOCKING AT LOCATIONS WHERE FIXTURES & ACCESSORIES, ETC. ARE SHOWN. BLOCKING SHALL BE SIZED AS REQUIRED.	© Copyright Ronnette Riley Architect 2020
E-RATED	13. REFER TO FINISH SCHEDULE & REFLECTED CEILING PLANS FOR THE CEILING TYPE & HEIGHT COORDINATE HEIGHTS OF GWB WITH CEILING HEIGHTS & WITH PARTITION DETAILS SHOWN	Ronnette Riley Ar
	14. UNLESS OTHERWISE NOTED, OUTSIDE FACE OF DOOR FRAME SHALL BE LOCATED 4" FROM THE ADJACENT WALL.	
Þ	15. WHERE NEW WALLS ARE BEING INSTALLED, ADJACENT TO & IN THE SAME PLANE AS EXISTING WALLS, NEW WALLS MUST BE LOCATED SO THAT FINISHED FACE OF NEW AND EXISTING ADJACENT WALLS MATCH AND ARE ALIGNED.	494 Eighth Avenue, 15th Floor New York, NY 10001 T 212 594 4015 F 212 594 2868 www.ronnetteriley.com
BEALANT ION IFER TO	16. UNLESS OTHERWISE NOTED, ALL INTERIOR OUTSIDE CORNERS, INCLUDING BOTH GYPSUM WALL BOARD & TILE CORNERS SHALL RECEIVE CORNER GUARDS. CONTRACTOR IS RESPONSIBLE TO IDENTIFY QUANTITY OF EACH FOR ALL CORNER CONDITIONS. COORDINATE INSTALLATION WITH SCHEDULED FINISHES AND REQUIRED BLOCKING.	MEP Engineer SETTY & Associates, Ltd 535 Eighth Avenue, Suite 21S New York, NY 10018 T 646 253 9000 F 646 224 8497
	PRICE WALL ALTERNATES AS FOLLOW:	
ID AS	ALTERNATE #1 1. WALL TYPE 4 ALT: PRICE AS 2-HOUR RATED UL U493 USG ASSEMBLY, WITH ADDITIONAL LAYER OF 퉣" GWB BOTH SIDES	
	WALL TYPE LEGEND:	
	WALL TYPE I: NON-RATED WALL W/ WET/TILE FINISH BOTH SIDES WALL TYPE IA: NON-RATED WALL W/ WET/TILE FINISH ONE SIDE,	Rev Date Issue
	PTD. GWB OTHER SIDE WALL TYPE IB: NON-RATED WALL W/ PTD. GWB BOTH SIDES WALL TYPE 2: FIRE RATED WALL (I HOUR): W/ WET/TILE FINISH ONE SIDE, PTD. GWB OTHER SIDE	29 April 2022 Issue fo
	WALL TYPE 3:PLUMBING WALL W/ WET/TILE FINISH BOTH SIDESWALL TYPE 4:PLUMBING CHASE WALL W/ WET/TILE FINISH	
<b>\$</b>	BOTH SIDES WALL TYPE 4A: ONE SIDE PLUMBING CHASE WALL W/ WET/TILE FINISH ON FINISHED SIDE ***NOTE SUBTYPE 4A': DANCE BUILDING:	
	WALL NOT TILED TO THE CEILING WALL TYPE 5A: FURRED WALL, PTD GWB FINISH WALL TYPE 5B: FURRED PLUMBING WALL, WET/TILE FINISH WALL TYPE 6: CMU INFILL WALL TO MATCH EX'G WITH WET/TILE FINISH ONE SIDE	
RE-RATED	WALL TYPE 7: NEW WET/TILE WALL FINISH TO REPLACE EXISTING CONTRACTOR TO VERIFY IF EX'G TILE IS INSTALLED DIRECTLY ONTO CMU WALL OR IS INSTALLED OVER CEMENT BOARD. AND TO REPLACE FINISH TYPE IN KIND.	

REPLACE FINISH TYPE IN KIND.

PARTITION TYPE NOTES

NON FIRE-RATED

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# E 2:

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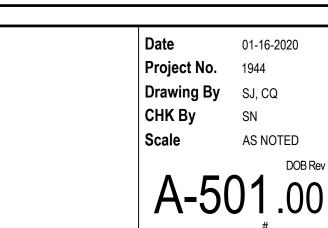
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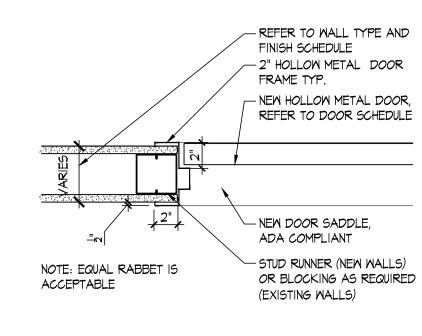
## *Irchitect*

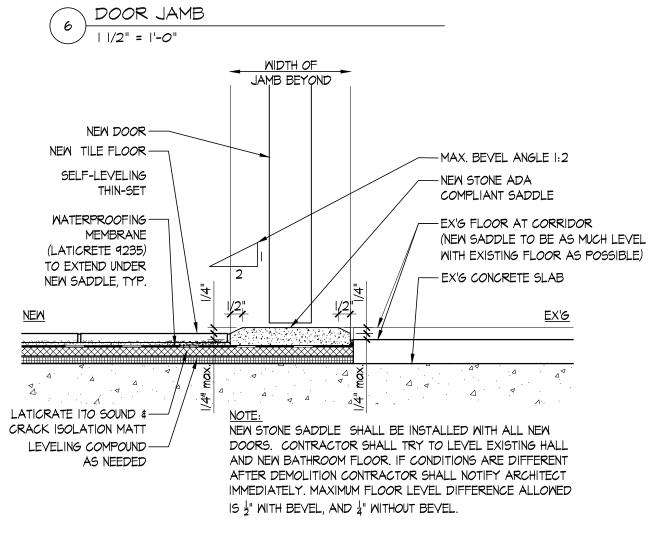
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Title

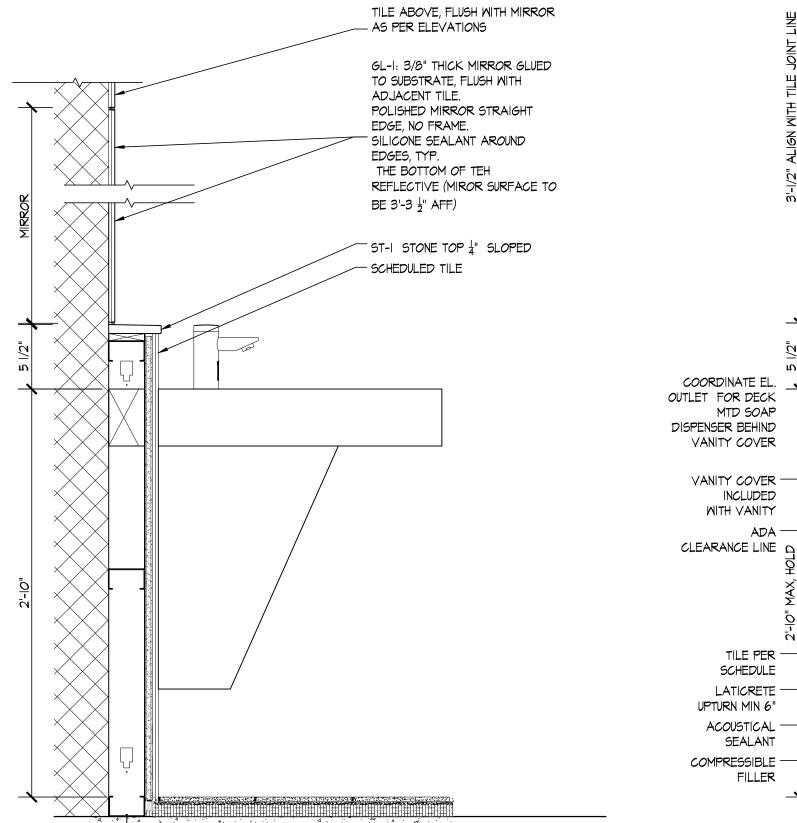
DETAILS







ADA FLOOR SADDLE 5 3" = |'-0"



EX'G CONC CEILING

FRAMING 16" O.C. 20 GA

\_ MTL FURRING CHANNELS

- NEW 3 5/8" GALVANIZED MTL. STUD

- SEALANT

— 5/8" GWB - 1/4" PENCIL ROD

AT 18" O.C.

— 3/4" GWB

HEAD

SUSPENDED CEILING & SOFFIT DETAIL

- SEALANT

- PROVIDE CONTINUOS

CORNER BEAD @ BULK

- I 1/2" BLACK IRON

SCHEDULED FINISH: TILE -ON THINSET OR PTD

JOLLY TILE AT THE-

EDGE, IF APPLICABLE

GWB, AS PER

ELEVATIONS

3

| |/2" = |'-0"

EX'G FLOOR SLAB

LOW VANITY WALL @MUSIC BUILDING 2 2 | |/2" = |'-0"



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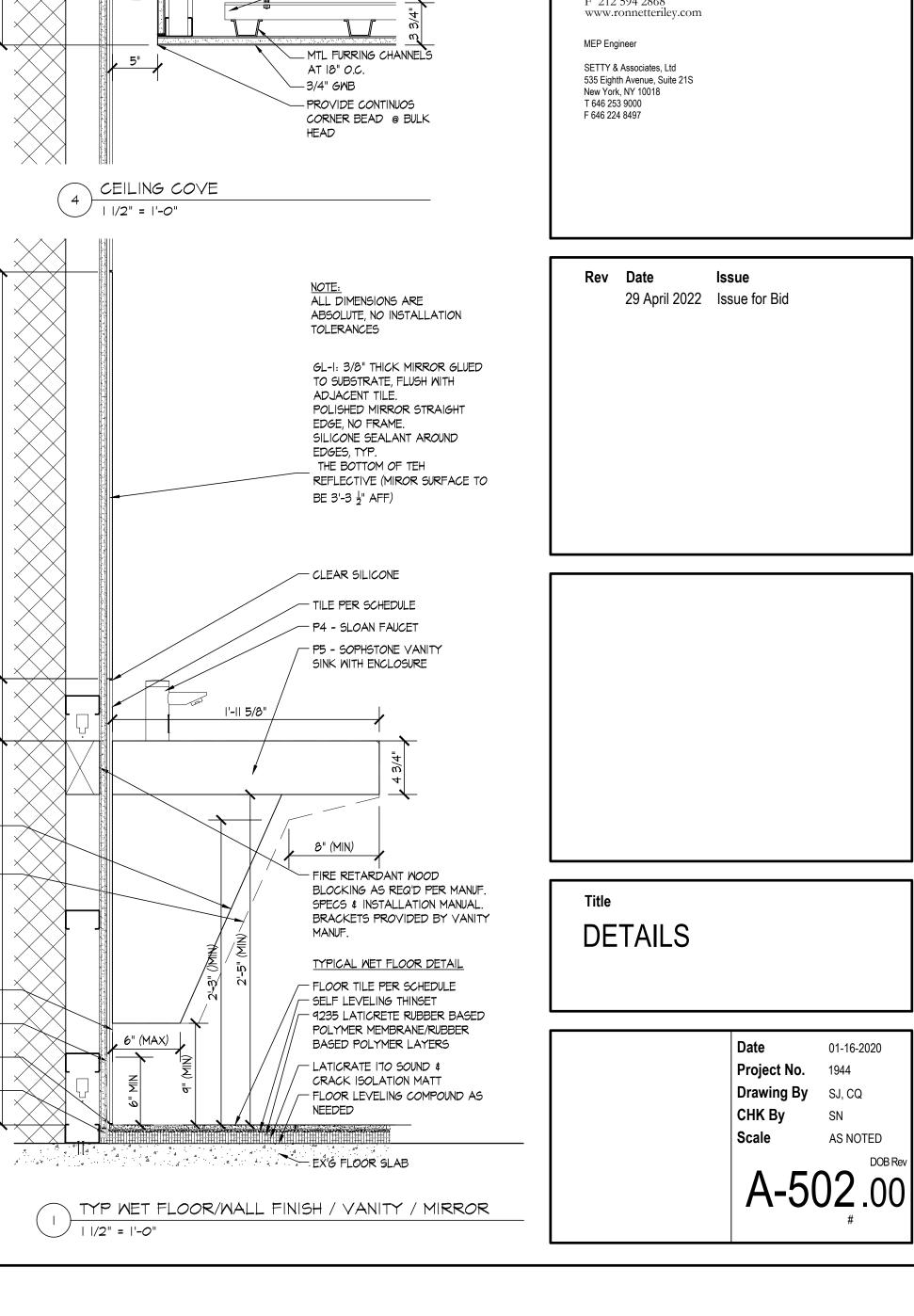
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EX'G CONC CEILING

- BLOCKING AS REQ'D

- 1/4" PENCIL ROD

- LIGHT FIXTURE LI,

REFER TO RCP

— I I/2" BLACK IRON

FRAMING 16" O.C. 20 GA

- NEW 2 1/2" GALVANIZED MTL. STUD

 $\rightarrow$ 

— EX'G WALL

— 5/8" GWB

			PLUMBING SCHE	EDULE				DOOR SCHEDULE																
TAG ITEM	MANUF	STYLE	MODEL	DIM/DESCRIP	FIN	QTY	NOTES					DOOR					FRAME				THRESHOLD HWR			
		JITLL						MARK	FROM	то	TYPE	WIDTH	HEIGHT	тнк	FIRE RATING	MAT	FIN	HEAD	JAMB	MAT	FIN	MAT	DTL SET	COMMENTS
PI WALL MOUNTED TOILET	SLOAN		ST-2459		WHITE	22		0	CORR.	<i>000</i> 4A	B	3'-0"	7'-10"	3/4"	45 MIN	MTL	PT-2'			MTL	PT-2'	ST-I	4/A-502 I	LOUVER 12"X10" 0.45F 100%
Pla SOLAR POWERED DUAL FLUSH	SLOAN		8   - .6/ .			22																		
P2 URINAL/FLUSH VALVE COMBO	SLOAN		WEUS-7000.1201			8		ା <u>୦</u> 2 ମୁମ୍ଚ	CORR.	0004	B	3'-0"	7'-10"	3/4"	45 MIN	MTL	PT-2'			MTL	PT-2'	ST-I	4/A-502	LOUVER 12"XIO" 0.45F 100%
P3a WALL MOUNTED SINK	DURAVIT		VERO	24" WIDE X 18.5" DEEP	WHITE	2	ONE FAUCET HOLE	Σ 03	CORR.	<i>000</i> 4B	C	3'-0"	7'-10"	3/4"	45 MIN	MTL	PT-2'			MTL	PT-2'	ST-I	4/A-502 2	
						2		04	VEST.	<i>000</i> 2D	EX'G	3'-0"	7'-10"	3/4"	45 MIN	MTL	PT-2'			MTL	PT-2'	VCT		REUSE DOOR & PARTIAL HA REFURBISH AS NEEDED. NEW
P36 WALL MOUNTED SINK	DURAVIT		VERO	31" WIDE X 18.5" DEEP	WHITE		ONE FAUCET HOLE	щ 05	CORR.	1011	A	3'-0"	6'-10"	3/4"	45 MIN	MTL	PT-2'			MTL	PT-2'	ST-I	4/A-502 I	
P4 FAUCET	SLOAN		OPTIMA SOLIS EAF-2751		CHROME	29			CORR.	1011	٨	3'-0"	6'-10"	3/4"	45 MIN		PT-2'			MTL	PT-2'	ST-I	4/A-502 I	
P56 VANITY SINK	SOPHSTONE		SOPH-ST70	70"X23 5/8"	COTTON	2	VANITY WITH BRACKETS AND ENCLOSURE	D 06		1044	A					MTL								
P5c VANITY SINK	SOPHSTONE		SOPH-ST94	94"X23 5/8"	COTTON	4	COORDINATE FAUCET AND DECK		CORR.	2012	В	3'-0"	7'-10"	3/4"	45 MIN	MTL	PT-2'			MTL	PT-2'	ST-I	4/A-502 I	LOUVER 18"X12" 0.75F 100%
P5d VANITY SINK	SOPHSTONE		SOPH-STI44	44"X23 5/8"	COTTON	2	COORDINATE EL. OUTLET BEHIND		CORR.	2012A	C	3'-0"	7'-10"	3/4"	45 MIN	MTL	PT-2'			MTL	PT-2'	ST-I	4/A-502 2	
							VANITY ENCLOSURE, TYP.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CORR.	2013A	С	2'-6"	7'-10"	3/4"	45 MIN	MTL	PT-2'			MTL	PT-2'	ST-I	4/A-502 3	
P6 MOP SINK	FIAT PRODUCTS		MSB 24X24	24X24"		2		10	CORR.	2013	В	3'-0"	7'-10"	3/4"	45 MIN	MTL	PT-2'			MTL	PT-2'	ST-I	4/A-502 I	LOUVER 18"X12" 0.95F 100%
P7 MOP SINK WALL MOUNTED FAUCE	FIAT PRODUCTS		FIAT 830-A4			2			LOBBY	1008A	<u>ر</u>	3'-0"	7'-0"	3/4"	45 MIN	MTL	PT-2'			MTL	PT-2'	ST-I	4/A-502 2	
P8 DRINKING FOUNTAIN	ELKAY		LZS8WSLP			з						5-0					11-2				11-2		4/74-302 2	
L INOTES:									LOBBY	1008	В	3'-0"	7'-0"	3/4"	45 MIN	MTL	PT-2'			MTL	PT-2'	ST-I	4/A-502 I	LOUVER 10"X8" 0.35F 100%
REFER TO PLUMBING DRAWINGS AND SPEC								Ц _    З	LOBBY	1009	в	3'-0"	7'-0"	3/4"	45 MIN	MTL	PT-2'			MTL	PT-2'	ST-I	4/A-502	LOUVER 10"X8" 0.35F 100%

• ALL FIXTURES TO BE MOUNTED AS PER DIMENSIONS PROVIDED IN SCHEDULE #5/A-004 FOR EACH TYPE OF RESTROOM

• FOLLOW ALL APPLICABLE ADA REQUIREMENTS FOR INSTALLATION OF PLUMBING FIXTURES: REFER TO SHEET A-003, A-004 CONTRACTOR SHALL VERIFY QUANTITIES

				ACCESSORY SCHEDUL	E				PROVIDE E	ANSITIONS AT DO ITHER A MAX VI VITIONS EXCEEDI
TAG	ITEM	MANUF	STYLE	MODEL	DIM/DESCRIP	FIN	QTY	NOTES	ALL NEW DO     DOOR FRAM	OORS ARE TO E ME UNLESS OTHE
Al	BABY CHANGING STATION	KOALA		KBIIO-SSWM		55	5	SURFACE MTD. AS PER ADA GUIDELINES	• DOOR AND	HARDWARE SHA FRAME HEIGHT: THT & DOOR FR
A2	HAND DRYER	BOBRICK		B-3725		55	7	INSTALLED IN PAIRS, SEE ELEVATION, AS PER ADA GUIDELINES	• FINISH: ALL	EXTERIOR SID
AЗ	RECESSED TRASH RECEPTACLE	BOBRICK		B-35633		55	7		· DOOR LOUN	ATED DOORS S VERS TO BE IC
A4	FULL LENGTH MIRROR	BOBRICK		B-290	24"X72"	55		SEE LEVATIONS, CENTERD ON WALLS, U.O.N.	<ul> <li><u>SUBMITTAL</u></li> <li>HARDWARE</li> </ul>	<u>5 REQUIRED</u> : MORTISE LOC
A5	TOILET PAPER HOLDER	BOBRICK		B-2892		55	22	INSTALLED AS PER ADA GUIDELINES	HARDWARE LEG	END:
A6	COAT HOOK	BOBRICK		B-549		55	11	ON DOORS INSIDE AG RESTROOMS AND ADA STALLS	I HARDI	NARE SET I: MUL
AT	AUTOMATIC SOAP DISPENSER	SLOAN	SURFACE MOUNT	OPTIMA ESD 2000CP			26	DECK MOUNTED, COORDINATE WELEC. AND PROVIDE AC ADAPTER	COUNT: 8	BROOM LOCKSET
Að	AUTOMATIC SOAP DISPENSER	BOBRICK	WALL MOUNT	B-2013			З	BATTERY OPERATED	DORM	NARE SET 2: SIN ITORY LOCKSET
Aq	SANITARY NAPKIN DISPOSAL	BOBRICK		B-270		55	16	IN AG AND WOMEN'S RESTROOMS	COUNT: 3 3 HARDY	NARE SET 3: CL
AIO	GRAB BAR	BOBRICK		B-5806	36"	55		INSTALLED AS PER ADA GUIDELINES		DIAL LOCKSET
All	GRAB BAR	BOBRICK		B-5806	42"	55	11	INSTALLED AS PER ADA GUIDELINES		NARE SET 4: EX
Al2	GRAB BAR	BOBRICK		B-5806	18"	55	11	INSTALLED AS PER ADA GUIDELINES	COUNT: 1	
AI3	MIRROR	BOBRICK		B-290	24"X36"	55	3	MOUNTED HEIGHT AS PER ADA GUIDELINES		
Al4	TOILET PARTITIONS	BOBRICK	OVERHEAD BRACED	CGL- 1082 DURALINE		TBD		SEE DRAWINGS. PEWTER MASH FINISH		
Al6	KLUTCH HOLDER/HOOK	BOBRICK		B-635		55	0	NOT USED		

AI4 TOILET PARTITIONS	BOBRICK	OVERHEAD BRACED	CGL- 1082 DURALINE			TBD		SEE DRAWINGS. PEWTER MASH FINISH												FINI	SH SCHED										
AIG KLUTCH HOLDER/HOOK	BOBRICK		B-635			55	0	NOT USED																							
CONTRACTOR SHALL VERIFY ALL COL								.AYOUT.				_							± 												
<ul> <li>TOILET COMPARTMENT/PARTITIONS TO</li> <li>INSTALLATION OF ACCESSORIES TO F</li> </ul>	OLLOW ADA STANDA	RDS AS PER SHEET A-O	03 AND A-004 AND CONSTR					KING AND STANDARDS.	R00M #	ROOM	FL <i>OO</i>	R BASE	I	2	З	4 5	6	7	8	9	10	2	IB	14 15	, li	6 17	18	19	20 2	21 CLNG	S N
MOUNTING HEIGHTS AS PER ADA GUID	ELINES ON SHEET A-C	004, A005, LOCATIONS A	S PER PLANS/ ELEVATIONS						м <i>000</i> 4	MEN'S	T-103	3	т-103	T-106, . T-103	T-101	T-101 T-10 T-10	01, T-10 03 T-10	l, 3							·   -				-	PT-I	
			LIGHT SCHEDUL	E					M 0004A	WOMEN'S	T-102	2						T-104, T-105	T-100, T- T-105 T-	-100, -105 T	-100 T-10	4								PT-I	
TAG TYPE	MFR	MODEL	FIN WATTAGE COL	OR TEMP./ CRI	LAMP	QTY		NOTES	М 0004В	ALL GENDE	R T-10											T-103	т-103	т-ю т-ю	73 -					PT-I	
LI LINEAR LED COVE LIGHT LUCE	TTA LIGHTING	CELESTE LINEAR	WHITE 1.8W/FT / 3000K/4	10 CRI	LED	QTY	IS IN LIN	EAR FEET, SEE DRAWINGS	CORR	CORRIDOR	:														- PT					PT-I	
LIALT LINEAR LED COVE LIGHT QTR	AN	TORQ-ENCAPSULATED (:	3) SATIN I.5W/FT / 3000K/4	10 CRI	LED	QTY	IS IN LIN	EAR FEET, SEE DRAWINGS	ווסו ס	MEN'S	T-114	+					- т-на	р т-113	T-II3 T-	-115 -	г-110									PT-I	
L2 4" RECESSED ROUND COC	PER LIGHTING	HALO LCR 4, REGRESSE	D WHITE IOW MIN / 3000K/	190 CRI	LED	61 3000	OK, 90 C	RI, FROSTED GLASS COVER	D 1044	WOMEN'S	T-114		T-115	T-113	т-113	т-110 т-11	0													PT-I	
L4 WALL LINEAR SURFACE MTD COC		NEO RAY: HUNTINGTON DEFINE 3"	WHITE ./ 3000K / 90	CRI	LED		CT/ INDI	RECT, QTY IS IN LINEAR FEET	PE 2012	WOMEN'S	T-124	4	T_120		- 22, <sup>-</sup>	Г-122, Г-125, Т-12	5 57_1	, T-I20,												PT-I	_
L4ALT WALL LINEAR SURFACE MTD ALC		2 00-20-W-D/  (2.5"X4"X6')	WHITE DOWNLIGHT: 4.5 WA	.TT / 734 LUMEN / 530 LUMEN	LED		CT/ INDI	RECT, QTY IS IN LINEAR FEET					1-120	1	PT-2	PT-2		PT-6													
L5 OVERSIZE PENDANT DELI	RAY LIGHTING	D0510 3'	WHITE 75W / 3000K / 90	D CRI	LED	2 SEPA	ARATE R	EMOTE MOUNTING, 3000K , 90 CRI		ALL GENDE	_							 3, T-123,	T-I20, T-I22	-l22   T	-120, T-120 -122	0								PT-I	
NOTES:									PE 2013	MEN'S	T-124	4	T-120	PT-6	PT-6	T-125 PT-	·2 PT-:	2 PT-2												PT-I	 
<ul> <li><u>REFER TO ELECTRICAL DRAWINGS, SCHEDU</u></li> <li>REFER TOP ELECTRICAL DRAWINGS F</li> </ul>									PE 2017	LOBBY	T-124	4					·		PT-2						-   -					PT-I	4
<ul> <li>SUBMITTALS REQUIRED</li> <li>COORDINATE MOUNTING HEIGHTS W/A</li> </ul>	RCHITECT PRIOR TO	INSTALLATION.							PE 2013A		- T-124	4							T-	-125 1	T-125 T-12	5 T-125			-   -					PT-I	.1
									L 1008	WOMEN'S	T-130	>	T-131, T-133	T-134 1	Г-ІЗІ, Г-ІЗ4 <sup>-</sup>	T-131, T-134 T-13	3 T-13	4 T-133												PT-I	-
									L 1009	MEN'S	т-130	>					·		т-ізі т-	-134 1	г-132 т-13	2 T-134	T-I3I, T-I34	T-I3I, T-I34						PT-I	
									L 1008A	ALL GENDE	R T-130	>					·								33 Т-	I3I T-I3	I T-133			PT-I	
									L 1007D	LOBBY	VСТ- VСТ-:	2					·											PT-3, PT-6	РТ-3, РТ-6 РТ	г-з рт-	-

NOTES:

ALL DOORS TO RECEIVE METAL KICK PLATES, IO" HIGH

 FOR DOORS & HARDWARE DETAILS REFER TO SPECIFICATIONS, TYP FLOOR TRANSITIONS AT DOORS SHALL MEET ADA PROVISIONS INCLUDING #303, CHANGES IN LEVEL &

PROVIDE EITHER A MAX VERTICAL CHANGE IN HEIGHT OF 1/4" OR 1/4" PLUS 1/4" BEVELED TRANSITION.

ALL TRANSITIONS EXCEEDING 1/2" MUST BE RAMPED. ALL NEW DOORS ARE TO BE LOCATED 4" FROM FINISH FACE OF ADJACENT WALL TO OUTSIDE EDGE OF

DOOR FRAME UNLESS OTHERWISE NOTED, OR EX'G CONDITIONS

ALL DOOR HARDWARE SHALL ALLOW FOR FREE EGRESS FROM ANY SPACE

A GUIDELINES • DOOR AND FRAME HEIGHT: ALL DOOR HEIGHTS TO MATCH EX'G. ALL FRAME HEIGHTS TO MATCH EX'G. V.I.F. DOOR HT & DOOR FRAME HT.

LEVATION, . FINISH: ALL EXTERIOR SIDES OF DOORS AND FRAMES WILL MATCH EXISTING & ADJACENT (COORDINATE WITH FACILITIES)

INTERIOR SIDE OF DOORS AND FRAMES TO BE PT-3 AS PER SCHEDULE ALL FIRE RATED DOORS SHALL HAVE SURFACE MOUNTED CLOSER.

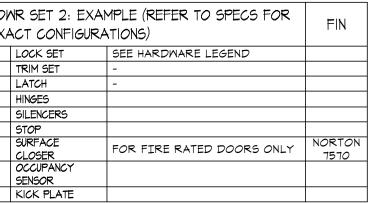
DOOR LOUVERS TO BE IOXI6, COORDINATE WITH MECHANICAL AND SPECS

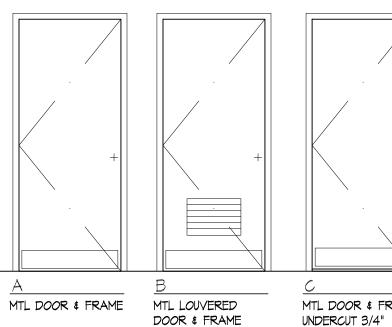
SUBMITTALS REQUIRED

• HARDWARE: MORTISE LOCK WITH SMALL CORE AS PER FACILTIES STANDARDS, REFER TO SPECIFICATIONS

#### HARDWARE LEGEND:

HARDWARE SET I: MULTI PERSON RESTROOM CLASSROOM LOCKSET TYPE	HDWR SET 2: EXAMPLE (REFER EXACT CONFIGURATIONS)							
8								
		LOCK SET	SEE HARDWAR					
HARDWARE SET 2: SINGLE PERSON RESTROOM		TRIM SET	-					
DORMITORY LOCKSET TYPE		LATCH	-					
3	3	HINGES						
	3	SILENCERS						
HARDWARE SET 3: CLOSET		STOP						
CUSTODIAL LOCKSET TYPE		SURFACE	FOR FIRE RA					
	<u> </u>	CLOSER						
	1	OCCUPANCY SENSOR						
HARDWARE SET 4: EX'G/ MATCH EX'G	1	KICK PLATE						





NOTES: FOR DOORS AND HARDWARE DETAILS

REFER TO SPECIFICATIONS, TYP.

#### DOOR LEGEND:

- NEW METAL DOOR & FRAME А
- COUNT: 2
- NEW METAL LOUVERED DOOR & FRAME В
- COUNT: 6 NEW METAL DOOR & FRAME, DOOR UNDERCUT 3/4" С
- COUNT: 5

	<u>FINISH L</u>	<u>EGENI</u>	2	
	<u>STONE:</u> ST-I DO	OR SADD	LE	
	CA	ESARSTON	NE 4141 HONED, MISTY CARRERA	
0.45F 100% FREE AREA		DDLE TO	BE ADA COMPATIBLE, SEE DETAIL #2/A-501.00	
0.45F 100% FREE AREA		E EDGES:	USE EPOXY GROUT (LATICRETE), COLOR <u>TBD</u> FOR TOP OF FIELD CUT TILE BASE WHERE EXPOSED, EXPOSED EDGES AND OUTSIDE	
NEEDED. NEW FRAME, HINGES			CORNERS USE JOLLY TILE WHERE AVAILABLE OR M-I SCHLUTER JOLLY IN ST. STEEL FINISH	
	MUSIC BUILDI T-100 T-101 T-102 T-103		LANDMARK PORTUGUESE BLACK & WHITE, I2"X24" LANDMARK PORTUGUESE ECLECTIC, I2"X24" LANDMARK EXPLORE, STAR GRAY, I2"X24"	
0.75F 100% FREE AREA	T- 104 (\$ T-1 T-105 T-106	34)	LANDMARK ATTITUDE, LIGHT WHITE, I2"X24" NEMO BOND, COTTON, 2 I/2"X8" & jOLLY <sup>1</sup> / <sub>2</sub> "X8" NEMO BOND, ONYX, 2 I/2"X8" & JOLLY <sup>1</sup> / <sub>2</sub> "X8" NEMO REGOLO, LUNARIA, 3"XI2"	
	DANCE BUILE T-IIO		NEMO HAWTHORN, CLOUD, 8"X20"	
0.95F 100% FREE AREA	T-113 T-114 (≵ T-130	<b>)</b> )	NEMO REGOLO, MATTONE TATAMI, 3"XI2" LANDMARK JOURNEY, NATURAL IVORY, 24"X24" (FLOOR)	
	T-115 (& T-131	)	LANDMARK JOURNEY, NATURAL IVORY, 12"X24" (WALL)	
0.35F 100% FREE AREA	PHYS. ED. BL			
0.35F 100% FREE AREA	T-120 T-122 T-123 T-124 T-125		LANDMARK CHARME, VEINED STATUTARIO, 12"X24" NEMO BOND, OPAL, 2 1/2"X8"¢ JOLLY ½"X8" NEMO BOND, PEWTER, 2 1/2"X8"¢ JOLLY ½"X8" LANDMARK MADE IN, FREEDOM WHITE, 24"X24" LANDMARK MADE IN, FREEDOM WHITE, 12"X24"	
	LIBRARY			
	T-130 (\$T-114 T-131 (\$T-115)		LANDMARK JOURNEY, NATURAL IVORY, 24"X24" (FLOOR) LANDMARK JOURNEY, NATURAL IVORY, 12"X24"	
	T-132		(WALL) NEMO HAWTHORN, CELADON, 8"X20"	
+	T-133 T- 134 (& T-1	04)	NEMO HAWTHORN, SKY, 8"X20"	
	METAL:		NEMO BOND, COTTON, 2 $1/2$ "X8" & JOLLY $\frac{1}{2}$ "X8"	
	M-I AN MH MIS	ERE REQU	HLUTER JOLLY (OUTSIDE CORNERS AND EDGES IRED, TOP OF THE TI FIELD CUT FLOOR BASE AND S REQUIRED TEEL	
OR & FRAME	PAINT:			
UT 3/4"			PAINT TO BE FLAT FINISH, TYP. INT TO BE SATIN FINISH, TYP.	
			DORE, DECORATOR'S WHITE, FLAT: CL'G TYP. DORE, COLOR CHINA WHITE, SATIN: WALL TYP.	
	(INS	SIDE OF F	RESTROOMS) DORE, CHINA WHITE, SEMI-GLOSS:	
	PT-3 PA	INT AND C	DOORS INSIDE OF RESTROOMS, TYP) OLOR TO MATCH EXISTING CORRIDOR FINISJH	
			DORE, AC-19 HOMESTEAD GREEN LL PHYS. ED. FOYERS AND LIBRARY FOYER)	
	<u>VCT:</u>			
	AD	JACENT)	OSITION TILE, COLOR TBD (MATCH EX'G OSITION TILE, COLOR TBD	
			SOTION THE, GOLON TOD	
	<u>BASE:</u> T-X WALL		D CUT TO 6" HEIGHT(WHERE INDICATED)	
CLNG NOTES	MITH N	1-1 SCHLUT	TE ON TO B HEIGHI(MHERE INDICATED) TER ON TOP AND EXPOSED EDGES TL BASE TO MATCH EXISTING (WHERE NEEDED)	
PT-I		OTE C		
PT-I	FINISH N		BE CONFIRMED AFTER CONSTRUCTION \$	
PT-I	VERIFIE EDGES	D WITH AR AND CORN	ECONTINUED AT LER CONSTRUCTION & CHITECT. NO LESS THAN HALF TILE AT LERS UNLESS PREVIOUSLY CONFIRMED BY	
PT-I		ECT, TYP. N. BETWEEI	N FLUSHOMETER & GRAB BAR ABOVE IS	
PT-I PT-2, WALLS ABOVE TILE			RM WITH ARCHITECT HEIGHT OF GRAB BARS	
PT-I PT-2, WALLS ABOVE TILE				
PT-I				

# **RESTROOM RENOVATION** PURCHASE COLLEGE

STATE UNIVERSITY OF NEW YORK

735 Anderson Hill Rd. Purchase, NY 10577

# PHASE 2:

MUSIC BUILDING DANCE BUILDING PHYS. ED. BUILDING LIBRARY

## Conditions

ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY, AND THE PROPERTY OF RONNETTE RILEY ARCHITECT AND WERE CREATED, EVOLVED AND DEVELOPED FOR THE USE ON, AND IN CONNECTION WITH THE SPECIFIED PROJECT. NOME OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PERSON, FIRM OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF RONNETTE RILEY ARCHITECT.

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RevDateIssue29 April 2022Issue for Bid

Title

# SCHEDULES

Date Project No. Drawing By SJ, CQ CHK By Scale

01-16-2020 1944 SN



## GENERAL PLUMBING NOTES

- DETERMINE EXACT LOCATIONS OF EXISTING UTILITY IN FIELD, WHETHER OR NOT SHOWN ON DRAWINGS, EXERCISE CAUTION AND IDENTIFY LOCATIONS OF UNMARKED UTILITY LINES AS NECESSARY TO PERFORM WORK OF THIS SECTION.
- ALL PLUMBING WORK SHALL COMPLY WITH THE 2020 NEW YORK STATE PLUMBING CODE .
- IT SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO COORDINATE HIS WORK WITH THAT OF ALL OTHER TRADES, INCLUDING (BUT NOT LIMITED TO), ELECTRICAL, HVAC PROCESS PIPING, SPRINKLER, PLUMBING STRUCTURAL AND GENERAL ARCHITECTURE.
- ANY INTERFERENCE SHALL BE BROUGHT TO THE ATTENTION OF THE CAMPUS AND SHALL BE RESOLVED PRIOR TO THE INSTALLATION OF THE WORK INVOLVED.
- NO WORK SHALL BE INSTALLED IN VIOLATION OF ANY GOVERNING CODES. ANY WORK SHOWN ON THE DRAWINGS WHICH IS IN VIOLATION OF SUCH CODES SHALL BE BROUGHT TO THE ATTENTION OF THE CONSTRUCTION MANAGER AND THE CAMPUS AND SHALL BE RESOLVED PRIOR TO THE INSTALLATION OF THE WORK INVOLVED.
- ALL PIPING PENETRATING CEILING AND WALLS SHALL BE INSTALLED WITH CHROME (STAINLESS WHERE NOTED) PLATED ESCUTCHEONS AT THE PENETRATION. ALL PIPING PENETRATING EXTERIOR WALLS AND ROOFS SHALL BE FLASHED IN AN APPROVED MANNER AND SHALL BE SEALED WEATHER TIGHT. PIPING PENETRATING RATED PARTITIONS SHALL BE PROTECTED AS REQUIRED BY LOCAL CODE AUTHORITY. (SEE DETAILS)
- MANUFACTURER'S MODEL NUMBERS ARE SPECIFIED SOLELY TO ESTABLISH STANDARDS OF QUALITY FOR PERFORMANCE AND MATERIALS.
- PROVIDE ACCESS PANELS FOR EQUIPMENT THAT REQUIRES PERIODIC SERVICE.
- TOPS OF ALL FLOOR DRAINS SHALL BE SET FLUSH WITH FINISHED FLOOR. ALL PIPING ABOVE GRADE SHALL BE PROPERLY SUPPORTED BY THE BUILDING STRUCTURE AND SHALL NOT REST ON CEILING TILES OR CEILING STRUCTURE.
- 10. CONTRACTOR SHALL COORDINATE ELECTRICAL CHARACTERISTICS AND REQUIREMENTS OF ALL PLUMBING EQUIPMENT WITH THE ELECTRICAL DRAWINGS AND SHALL FURNISH EQUIPMENT WIRED FOR THE VOLTAGES SHOWN HEREIN.
- PROVIDE SHUTOFF VALVES ON ALL BRANCH PIPING AND ON ALL SUPPLIES TO INDIVIDUAL FIXTURES AND EQUIPMENT. PROVIDE BALL VALVES ON ALL WATER MAIN BRANCHES IN CORRIDORS AND WHERE INDICATED ON DRAWINGS. ALL VALVES SHALL BE ACCESSIBLE.
- 12. ALL SLEEVES THROUGH CONCRETE FLOORS AND ALL CORE DRILLING OF CONCRETE FLOORS AND WALLS SHALL BE BY THE CONTRACTOR.
- 13. CONCRETE PADS AND PLATFORMS FOR WORK OF THIS SECTION WILL BE PROVIDED BY GENERAL CONTRACTOR. PROVIDE INFORMATION AND HARDWARE AS NECESSARY TO COORDINATE WORK.
- 14. SCHEDULE WORK OF THIS SECTION TO AVOID INTERFERENCE WITH FIREPROOFING WORK.
- 15. COORDINATE ROOF PENETRATIONS WITH WORK OF OTHER SECTIONS AND WITH FLASHING REQUIREMENTS.
- 16. RUN PIPING CONCEALED, UNLESS SPECIFIED OTHERWISE, AND CLEAR OF CEILING INSERTS.
- 17. STRUCTURAL WELDING SHALL BE 1/4-INCH FILLET UNLESS REQUIRED OTHERWISE. 18. PROVIDE CLAMPS, OFFSETS, EXPANSION JOINTS, ANCHORS AND GUIDES AS
- NECESSARY TO PREVENT STRESS ON PIPING. 19. PROVIDE BALANCING VALVES AT SYSTEM LOOP RETURNS AND AT RETURN RISERS.
- PROVIDE SHUTOFF VALVES AT SYSTEM LOOP SUPPLIES AND SUPPLY RISERS.
- 20. PROVIDE GAUGE FITTINGS AND THERMOMETER WELLS AT HOT WATER SUPPLY AND RETURN BRANCHES AND PUMP INLETS AND OUTLETS.
- 21. VERIFY EXACT SIZES, LOCATIONS, INVERTS AND ELEVATIONS PRIOR TO RUNNING ANY PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF ALL FIXTURES AND EQUIPMENT.
- 22. PIPING SHALL NOT RUN OVER ELECTRICAL PANELS AND SHALL BE COORDINATED WITH WORK OF OTHER TRADES.
- 23. THE DRAWINGS ARE DIAGRAMMATIC ONLY. REFER TO THE ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS OF THE BUILDING AND EXACT LOCATIONS OF ALL FIXTURES AND EQUIPMENT.
- 24. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS, FEES AND TAXES.
- 25. IN ADDITION, THE CONTRACTOR IS RESPONSIBLE FOR ANY SITE DPW PERMIT AND NOTIFICATION.
- 26. CONTRACTOR SHALL MAKE NO CHANGES WITHOUT THE WRITTEN PERMISSION FROM THE DESIGN ARCHITECT AND DESIGN ENGINEER.
- 27. ALL MATERIAL AND EQUIPMENT INDICATED ON THE PLANS OR DESCRIBED IN THE SPECIFICATIONS OR BOTH SHALL BE PROVIDED BY THE CONTRACTOR AND SHALL BE IN NEW CONDITION AT ACCEPTANCE OF WORK, EXCEPT AS APPROVED BY THE SUCF CAMPUS AUTHORITY.
- 28. CONTRACTOR ASSUMES RESPONSIBILITY FOR PROPER ARRANGEMENT OF PIPE, FIXTURES. ETC. TO CONNECT APPROVED EQUIPMENT IN A PROPER AND APPROVED MANNER. CONTRACTOR SHALL FOLLOW EQUIPMENT MANUFACTURER'S DETAILED INSTRUCTIONS AND THE CONTRACT DOCUMENTS. NOTIFY THE OWNER'S REPRESENTATIVE BEFORE PROCEEDING WITH ALL WORK. NO EQUIPMENT INSTALLATION OR CONNECTIONS SHALL BE MADE IN A MANNER THAT VOIDS THE MANUFACTURER'S WARRANTY.
- 29. DO NOT CUT STRUCTURAL MEMBERS WITHOUT THE APPROVAL OF THE DESIGN ARCHITECT AND DESIGN STRUCTURAL ENGINEER AND PERFORM CUTTING IN A MANNER AS DIRECTED BY THE DESIGN ARCHITECT AND DESIGN STRUCTURAL ENGINEER.
- 30. PROVIDE SLEEVES FOR ALL FLOOR PENETRATIONS WITH TOP OF SLEEVE 2" ABOVE FINISHED FLOOR.
- 31. FLOOR TO BE SLOPED 1/8" TO FLOOR DRAINS. TOP OF DRAIN FLUSH WITH FINISHED FLOOR.
- 32. MAINTAIN WORK AREA CLEAN AT ALL TIMES DURING CONSTRUCTION. AFTER COMPLETING INSTALLATION OF WORK, CLEAN ALL FIXTURES OF ALL RUBBISH, PLASTER, DIRT AND OTHER DEBRIS.
- 33. TEST ALL SYSTEMS. ALL FIXTURES SHALL OPERATE SATISFACTORILY AS DESIGNED AND INTENDED. REPORT ANY DEFICIENCIES TO THE DESIGN ENGINEER.
- 34. ALL PIPING SYSTEMS SHALL BE TESTED AT DESIGN PRESSURES FOR A PERIOD OF TIME AS PRESCRIBED BY THE LOCAL AUTHORITIES HAVING JURISDICTION.
- 35. ALL SANITARY DRAINAGE PIPING 3" AND LARGER SHALL BE INSTALLED WITH A MINIMUM SLOPE OF 1/8" FALL PER 1'-0" OF RUN.
- 36. ALL SANITARY DRAINAGE PIPING 2" AND LESS SHALL BE INSTALLED WITH A MINIMUM SLOPE OF 1/4" FALL PER 1'-0" OF RUN.
- 37. TO THE BEST OF DESIGNER'S KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT, THE PLANS OR SPECIFICATIONS ARE IN COMPLIANCE WITH THE ENERGY CODE.
- 38. ALL FLOOR DRAINS IN FINISHED AREAS SHALL BE LOCATED AS PER THE ARCHITECTURAL DRAWINGS.
- 39. THE CONTRACTOR SHALL VERIFY THE COMPATIBILITY OF THE DRAINS WITH THE APPROVED WATER PROOFING SYSTEMS PRIOR TO SUBMITTING SHOP DRAWINGS.
- 40. THE TOP OF CURVE OF ALL FLOOR DRAINS SHALL BE FLUSH WITH THE ADJACENT FINISHED FLOOR.

# PLUMIING REMOVAL NOTES

- WHERE EXISTING PLUMBING FIXTURES ARE INDICATED TO BE REMOVED, REMOVE EXISTING FIXTURE, TRIM, AND ALL ASSOCIATED PIPING AND HARDWARE. REMOVE SERVICE BRANCHES BACK TO NEAREST MAIN AND CAP. DEAD LEGS SHALL NOT EXCEED 2'-0" IN LENGTH.
- REMOVAL SHALL BE PERFORMED IN SUCH A MANNER THAT WILL NOT DAMAGE ADJOINING SURFACES OR EQUIPMENT INDICATED TO REMAIN. WHERE SURFACES MUST BE REMOVED TO COMPLETE REMOVAL, THE CONTRACTOR SHALL REPLACE AND REPAIR THE SURFACES BACK TO THE ORIGINAL CONDITION.
- WHERE REMOVAL WOULD AFFECT THE STRUCTURAL INTEGRITY OF THE BUILDING, THE CONTRACTOR SHALL NOTIFY THE DESIGN ARCHITECT AND STRUCTURAL ENGINEER PRIOR TO PROCEEDING WITH REMOVAL.
- ALL REMOVED FIXTURES AND TRIM SHALL REMAIN THE PROPERTY OF THE CAMPUS AND THE 4. CONTRACTOR SHALL STORE ON SITE OR REMOVE FROM SITE SAID FIXTURES AS DIRECTED BY THE CAMPUS.
- THE CONTRACTOR SHALL COORDINATE ALL REMOVAL REQUIRED WITH SYSTEMS THAT MUST REMAIN IN SERVICE DURING CONSTRUCTION .WHERE SYSTEMS MUST REMAIN IN SERVICE DURING CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE MEANS AND METHODS OF ISOLATING THE SYSTEMS TO BE REMOVED WITH THE SYSTEMS TO REMAIN IN SERVICE. MEANS AND METHODS SHALL INCLUDE TEMPORARY CAPS AND ISOLATION VALVES.

## CODES / STANDARDS

- 2020 NEW YORK STATE BUILDING CODE
- 2020 NEW YORK STATE PLUMBING CODE
- 2020 NEW YORK STATE ENERGY CONSERVATION CONSTRUCTION CODE (NYSECCC) WITH NEW YORK STRETCH ENERGY CODE

## ENERGY CODE COMPLIANCE NOTE

TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH NEW YORK STATE ENERGY CONSERVATION CONSTRUCTION CODE (NYSECCC) 105.2.2 REQUIREMENTS.

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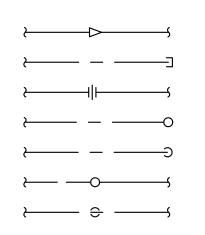
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PIPE VALVES AND ACCESSORIES

REDUCED PRESSURE ZONE BACKFLOW PREVENTER(ASSE1013) DOUBLE CHECK VALVE ASSEMBLY(ASSE1015) BALL VALVE
CHECK VALVE
SOLENOID VALVE
GATE VALVE
PRESSURE REDUCING VALVE
THERMOSTATIC MIXING VALVE
PLUG VALVE
BALANCING VALVE
VACUUM RELIEF VALVE
BACKFLOW PREVENTER (ASSE 1024)
BACK WATER VALVE
PUMP
WATER HAMMER ARRESTOR ('A' = PDI SIZE
PRESSURE GAUGE
THERMOMETER GAUGE
AQUASTAT VALVE

## PIPE FITTINGS

STRAINER



REDUCER/INCREASER
CAPPED CONNECTION
PIPE UNION
ELBOW TURNED UP
ELBOW TURNED DOWN
TEE UP
TEE DOWN

SHUT-OFF VALVE IN RISER

ALL SYMBOLS MAY NOT APPEAR ON THE DRAWINGS.

\_\_\_\_\_∕\_

# PIPE REPRESENTATION EXISTING CW EXISTING HW

EXISTING HWR

EXISTING SAN

EXISTING VENT

EXISTING ST

NEW CW

NEW HW

NEW HWR

NEW SAN

NEW VENT

NEW ST

# EXISTING SAN BELOW GROUND DEMOLITION CW DEMOLITION HW DEMOLITION HWR DEMOLITION SAN DEMOLITION VENT DEMOLITION ST NEW SAN BELOW GROUND

SYMBOLS

2-

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HB

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P101

# -LOW

DRAINS O O o <sup>GD</sup>

 $\oslash$  FCO

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OSD

AREA DRAIN FLOOR DRAIN GARAGE DRAIN FLOOR CLEAN OUT FLOOR SINK DRAIN FUNNEL FLOOR DRAIN OPEN SITE DRAIN

DOMESTIC WATER RISER DESIGNATION

SANITARY WATER RISER DESIGNATION

VENT RISER DESIGNATION

**REVISION NUMBER** 

POINT OF DEMOLITION

POINT OF CONNECTION

DETAIL ANNOTATIONS

- DETAIL NUMBER

**MISCELLANEOUS** 

- WHERE THE DETAIL IS DRAWN

HORIZONTAL CLEANOUT

WALL HYDRANT

WATER METER

WATER FILTER

VACCUM BREAKER

TEMPERATURE AND

BREAK PIPE BELOW

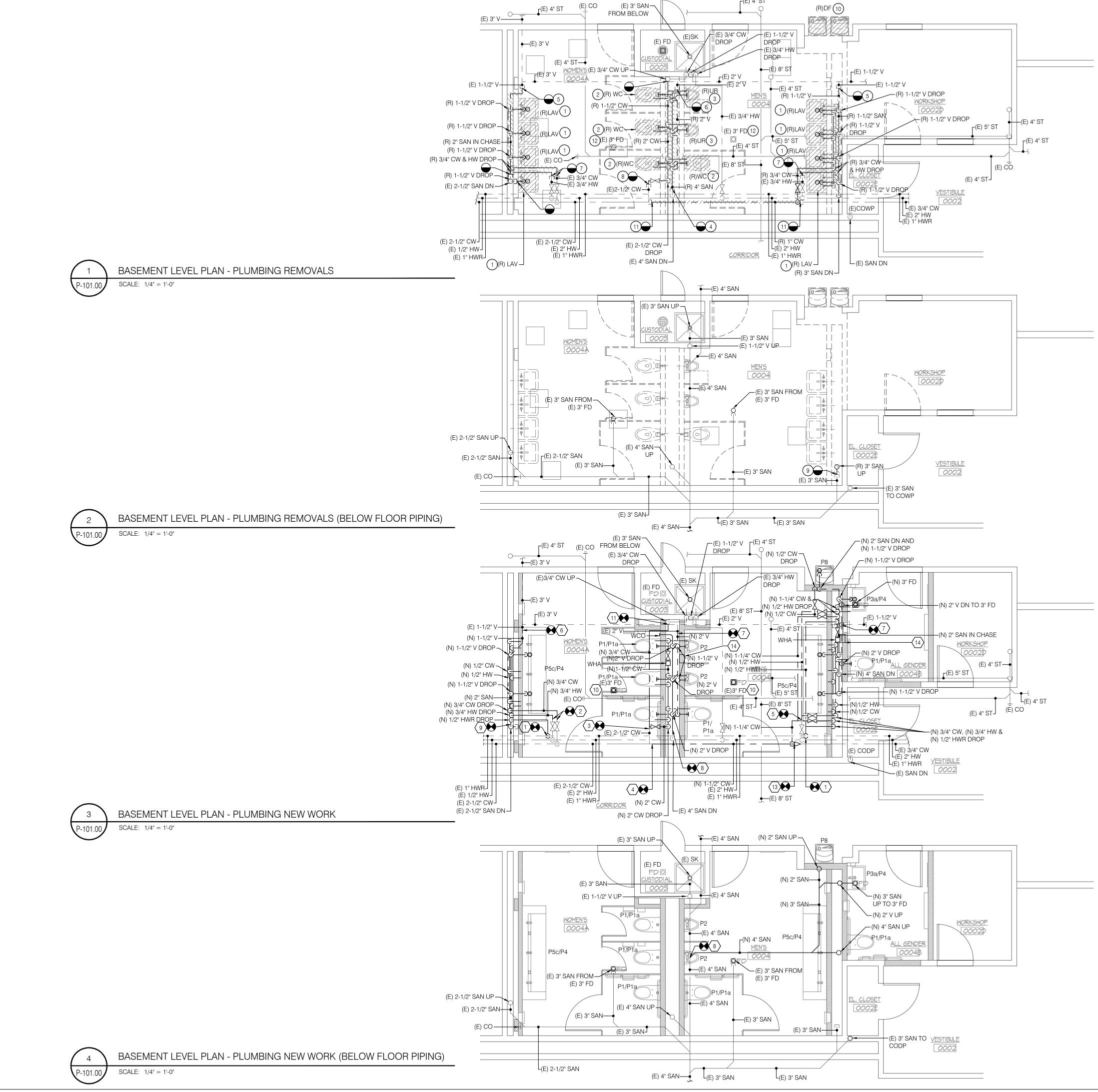
PRESSURE RELIEF VALVE

HOSE BIB

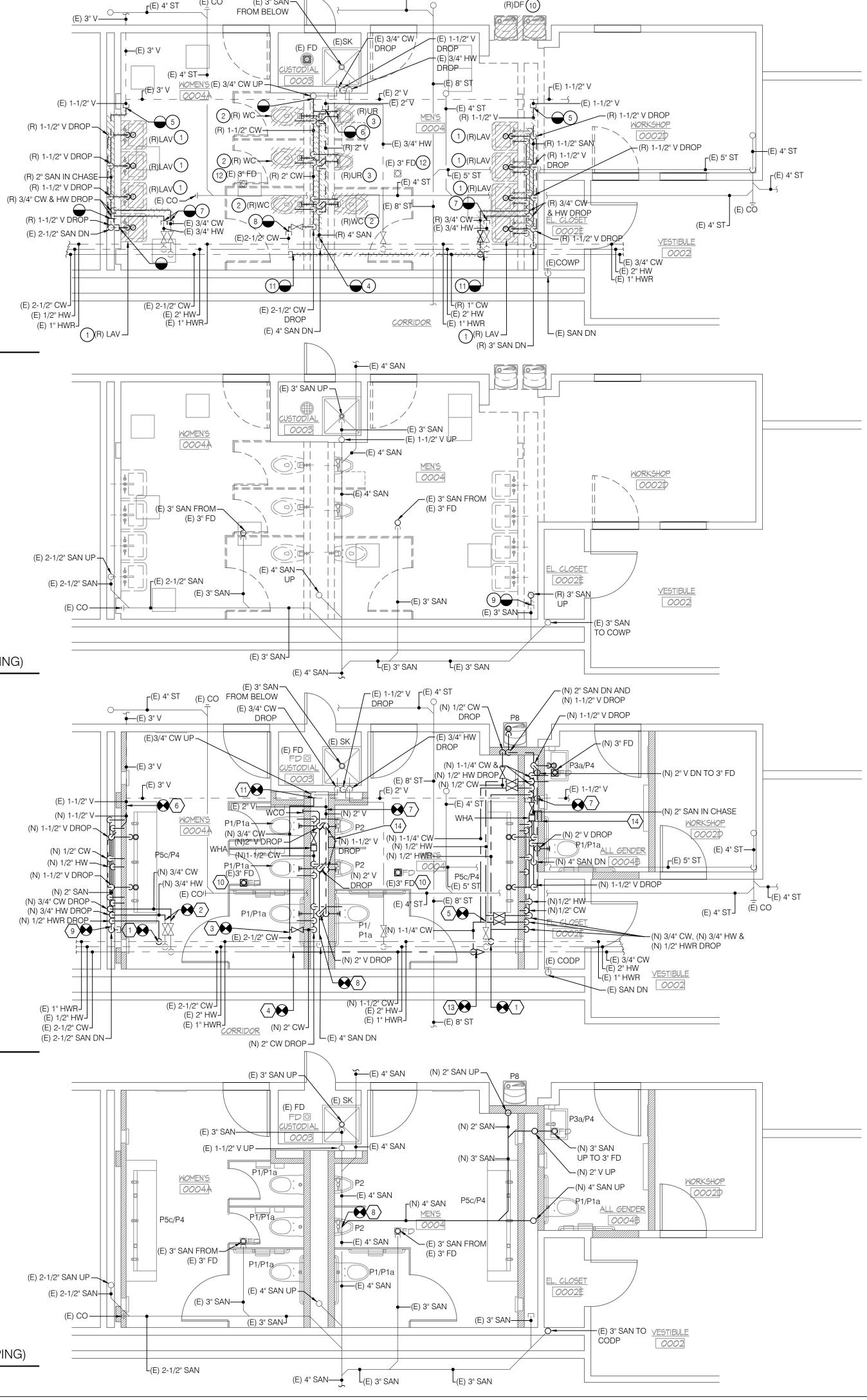
ALL SYMBOLS MAY NOT APPEAR ON THE DRAWINGS.

ABV       ABOVE         AD       AREA DRAIN         ADA       AMERICAN DISABILITY ACT         AFF       ABOVE FINISHED FLOOR         AP       ACCESS PANEL         ARCH       ARCHICAN DISOLITY OF MECHANICAL         ENGINEERS       ASME         ASME       AMERICAN SOCIETY OF PLUMBING         ENGINEERS       ASSE         ASPE       AMERICAN SOCIETY OF SANITARY         ENGINEERS       AAV         AV       AR ADMITTANCE VALVE         BLOG       BUILDING         BLW       BELOW         BTUH       BRITISH THERMAL UNIT         CA       COMPRESSED AIR         COP       CLEANOUT DECK PLATE         CONT       COLEANOUT DECK PLATE         CONT       COLEANOUT VALL PLATE         CW       COLD WATER         DY       DRAINAGE FIVTURE UNIT         DAMAGE FINTUR	(N)       NEW         NG       NATURAL GAS         NIC       NOTIN CONTRACT         NO       NUMBER         NFWH       NON FREEZE WALL HYDRANT         P       PUMP         PH       PHASE (ELECTRICAL)         PRV       PRESSUME REDUCING VALVE         PSI       POUNDS PER SQUARE INCH         (R)       REMOVAL         REF       REFRIGERATOR         RD       ROC DPAIN         RPM       REVOLUTIONS PER MINUTE         SAN       SANITAR/WASTE PIPE         SF       SOUARE FEET         SFU       SOUARE FEET         ST       STORM WATER         ST       STORM WATER         STG       STORM FROM GREEN ROOF         STRUC       STRUCTURAL         TEMP       TEMPERATURE         TW       THAP PRIMER TUBE         TW       THAP PRIMEN TUBE         TW       THAP PRIMENTUBE         VT       VENT THRU ROOF         W       WAT         WCO       WATE         WCO       WATE         WCO       WATE         WCO       WATE         WY       WATE	<section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><text><text><text><text><text><text><text><text><text><text><text></text></text></text></text></text></text></text></text></text></text></text></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header>
NOTE: ALL ABBREVIATIONS MAY NOT APPEAR ON THE DRAWINGS. PLUMBING DI SHEET DRAWING 1 P-001.00 GENERAL NOTES, SYMBOLS & ABBRE 2 P-101.00 MUSICAL BUILDING - PLUMBING PLANS 3 P-102.00 DANCE BUILDING - PLUMBING PLANS 4 P-103.00 PHYSICAL EDUCATION - PLUMBING PLANS 5 P-104.00 LIBRARY BUILDING - PLUMBING PLANS 6 P-501.00 MUSICAL BUILDING - PLUMBING RISE	TITLE EVIATIONS NS S PLANS IS	
7       P-502.00       DANCE BUILDING - PLUMBING RISER         8       P-503.00       PHYSICAL EDUCATION - PLUMBING RI         9       P-504.00       LIBRARY BUILDING - PLUMBING RISEF         10       P-601.00       PLUMBING SCHEDULES AND DETAILS	ISER DIAGRAMS R DIAGRAMS	Title GENERAL NOTES, SYMBOLS & ABBREVIATIONS Date 01-16-2020 Project No. 1944 Drawing By CHS CHK By KB

## ABBREVIATIONS







∟(E) 4" ST

Plotted By: MUKESH GOWDA.M Plot Date: 5/18/2022 5:19:29 PM Saved By: MUKESH.GOWDA File: W:\2020\SAPX206002.00\22-SAPX206002.00\_P\Phase2\206002.00\_P-101.00.dwg Save Date: 05/18/2022 05:18 PM

#### DEMOLITION KEY NOTES #

- REMOVE EXISTING LAVATORY, FAUCET ALONG WITH P-TRAP
- CONNECTIONS AND ASSOCIATED PIPES.
- REMOVE EXISTING WATER CLOSET, FLUSH VALVE, CARRIER AND ASSOCIATED PIPES.
- REMOVE EXISTING URINAL, FLUSH VALVE, CARRIER AND ASSOCIATED PIPES.
- 4. CUT AND CAP EXISTING 4" SAN PIPE AT THIS LOCATION.
- 5. CUT AND CAP EXISTING 1-1/2" VENT PIPE AT THIS LOCATION.
- 5. CUT AND CAP EXISTING 2" VENT PIPE AT THIS LOCATION.
- CUT AND CAP EXISTING 3/4" HW PIPE AT THIS LOCATION.
- 8. CUT AND CAP EXISTING 2-1/2" CW PIPE AT THIS LOCATION.
- 9. CUT AND CAP EXISTING 3" SAN PIPE AT THIS LOCATION.
- 10. REMOVE EXISTING DRINKING FOUNTAIN AND ALL ASSOCIATED PIPES.
- 11. CUT AND CAP EXISTING 3/4" CW PIPE AT THIS LOCATION
- 12. REMOVE EXISTING GRATE FROM EXISTING FLOOR DRAIN.

## SHEET KEY NOTES

- CONNECT NEW 1/2" HWR TO EXISTING 1" HWR PIPE.
- 2. CONNECT NEW 3/4" CW & HW TO EXISTING 3/4" CW & HW PIPES.
- B. CONNECT NEW 2" CW TO EXISTING 2-1/2" CW PIPE.
- CONNECT NEW 1-1/2" CW TO EXISTING 2-1/2" CW PIPE.
- 5. CONNECT NEW 3/4" HW TO EXISTING 3/4" HW PIPE. 6. CONNECT NEW 1-1/2" V TO EXISTING 1-1/2" V PIPE.
- . CONNECT NEW 2" V TO EXISTING 2" V PIPE.

 $\langle \# \rangle$ 

- 8. CONNECT NEW 4" SAN TO EXISTING 4" SAN PIPE.
- 9. CONNECT NEW 2" SAN TO EXISTING 2-1/2" SAN PIPE.
- 10. PROVIDE NEW GRATE FOR EXISTING FLOOR DRAIN.
- 11. CONNECT NEW 3/4" CW TO EXISTING 3/4" CW PIPE.
- 12. CONNECT NEW 1-1/2" CW TO EXISTING 2" CW PIPE.
- 13. CONNECT EXISTING 3/4" CW TO NEW 1-1/2" CW PIPE.
- 14. ACCESS PANEL TO ACCESS BALL VALVE AND WATER HAMMER ARRESTOR.

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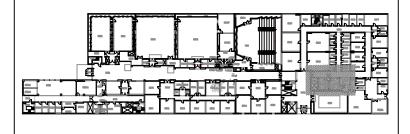
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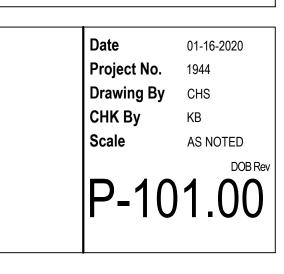
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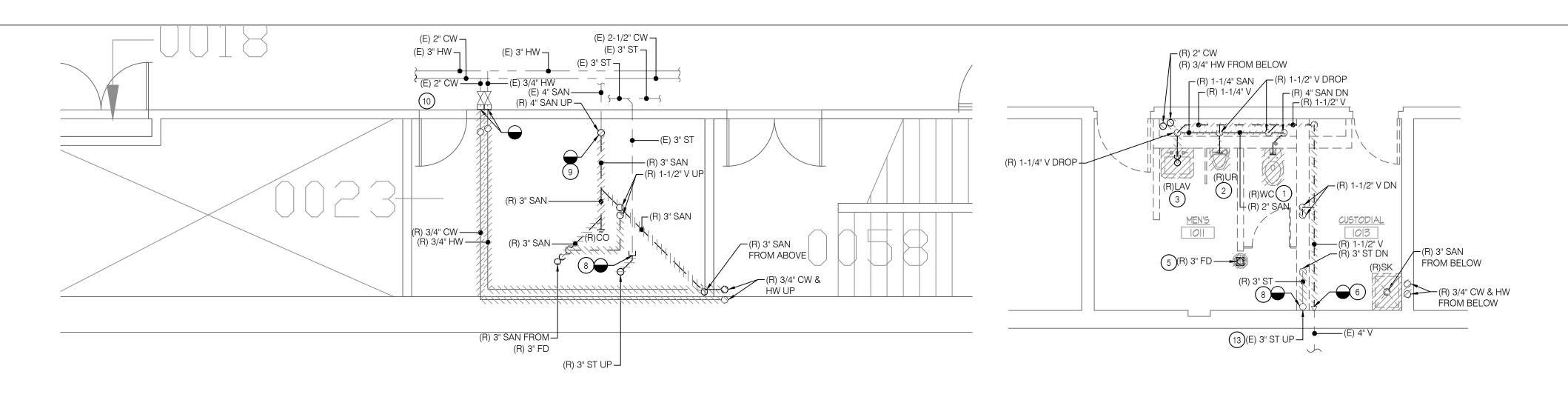
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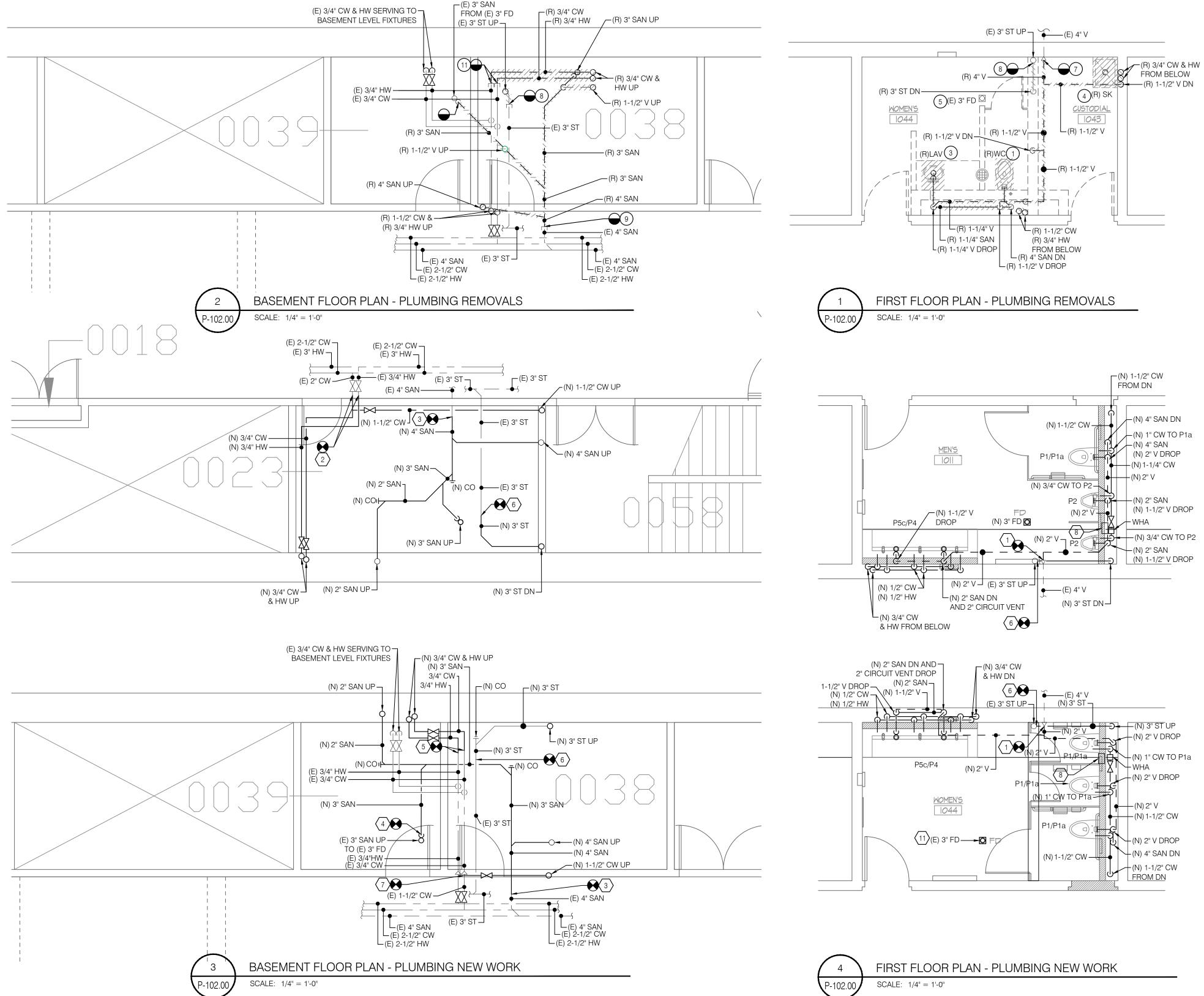
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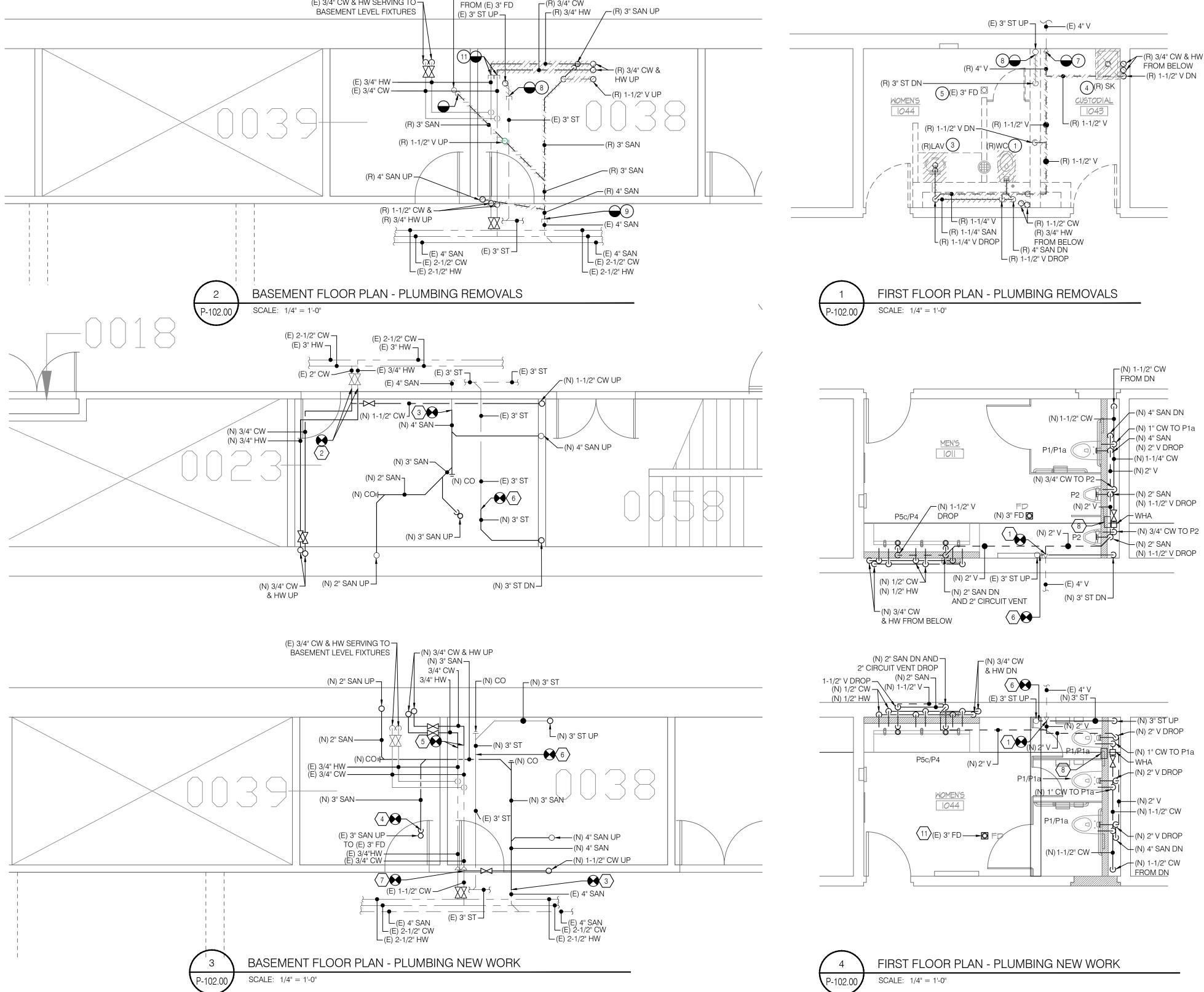


MUSICAL BUILDING -PLUMBING PLANS









#### DEMOLITION KEY NOTES #

- REMOVE EXISTING WATER CLOSET, FLUSH VALVE, CARRIER AND ASSOCIATED PIPES.
- REMOVE EXISTING URINAL, FLUSH VALVE, CARRIER AND ASSOCIATED PIPES.
- REMOVE EXISTING LAVATORY, FAUCET ALONG WITH P-TRAP CONNECTIONS AND ASSOCIATED PIPES.
- REMOVE EXISTING SINK, FAUCET ALONG WITH P-TRAP CONNECTIONS AND ASSOCIATED PIPES.
- REMOVE EXISTING GRATE FROM EXISTING FLOOR DRAIN.
- 5. CUT AND CAP EXISTING 1-1/2" VENT PIPE AT THIS LOCATION.
- . CUT AND CAP EXISTING 4" VENT PIPE AT THIS LOCATION.
- 8. CUT AND CAP EXISTING 3" ST PIPE AT THIS LOCATION. 9. CUT AND CAP EXISTING 4" SAN PIPE AT THIS LOCATION.
- 10. CUT AND CAP EXISTING 2" CW, AND 3/4" HW PIPES AT THIS LOCATION.
- 11. CUT AND CAP EXISTING 3/4" CW, AND 3/4" HW PIPES AT THIS LOCATION.
- 12. CUT AND CAP EXISTING 3" SAN PIPE AT THIS LOCATION.
- 13. REMOVE EXISTING STORM RISER IN EXISTING CHASE. CUT AND CAP PIPE BACK TO MAIN AT CEILING.

#### NEW WORK KEY NOTES $\langle \# \rangle$

- CONNECT NEW 2" V TO EXISTING 4" V PIPE.
- 2. CONNECT NEW 1-1/2" CW TO EXISTING 2" CW PIPE.
- 3. CONNECT NEW 4" SAN TO EXISTING 4" SAN PIPE. . CONNECT NEW 3" SAN TO EXISTING 3" SAN PIPE.
- . CONNECT NEW 3/4" CW AND HW TO EXISTING 3/4" CW AND HW PIPES.
- 6. CONNECT NEW 3" ST TO EXISTING 3" ST PIPE.
- CONNECT NEW 1-1/2" CW TO EXISTING 1-1/2" CW PIPE.
- 3. ACCESS PANEL TO ACCESS BALL VALVE AND WATER HAMMER ARRESTOR.
- 9. CONNECT NEW 2" SAN TO EXISTING 3" SAN.
- 10. CONNECT NEW 2" VENT TO EXISTING 2" VENT.
- 11. PROVIDE NEW GRATE FOR EXISTING FLOOR DRAIN.
- 12. CONNECT NEW 1-1/2" V TO EXISTING 1-1/2" V. 13. CONNECT NEW 1-1/2" CW AND 3/4" HW TO EXISTING 2" CW AND 3/4" HW PIPES.

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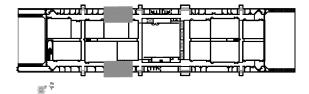
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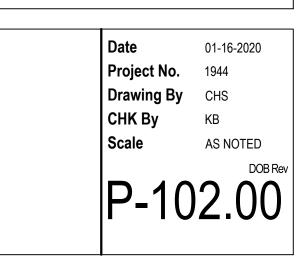
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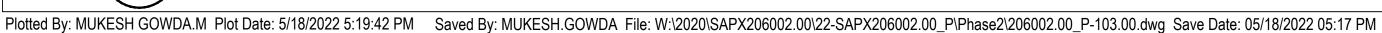
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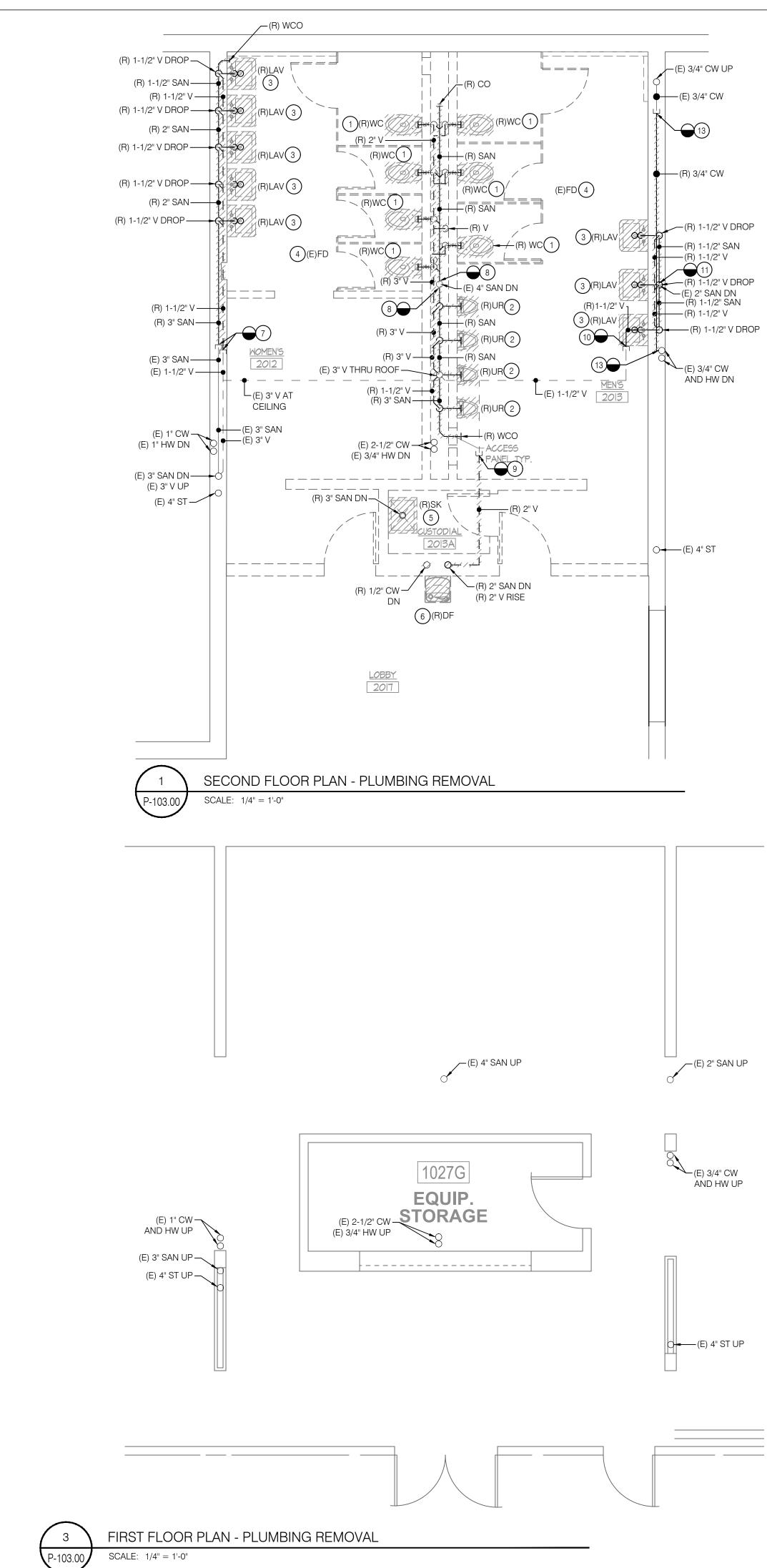
KEY PLAN

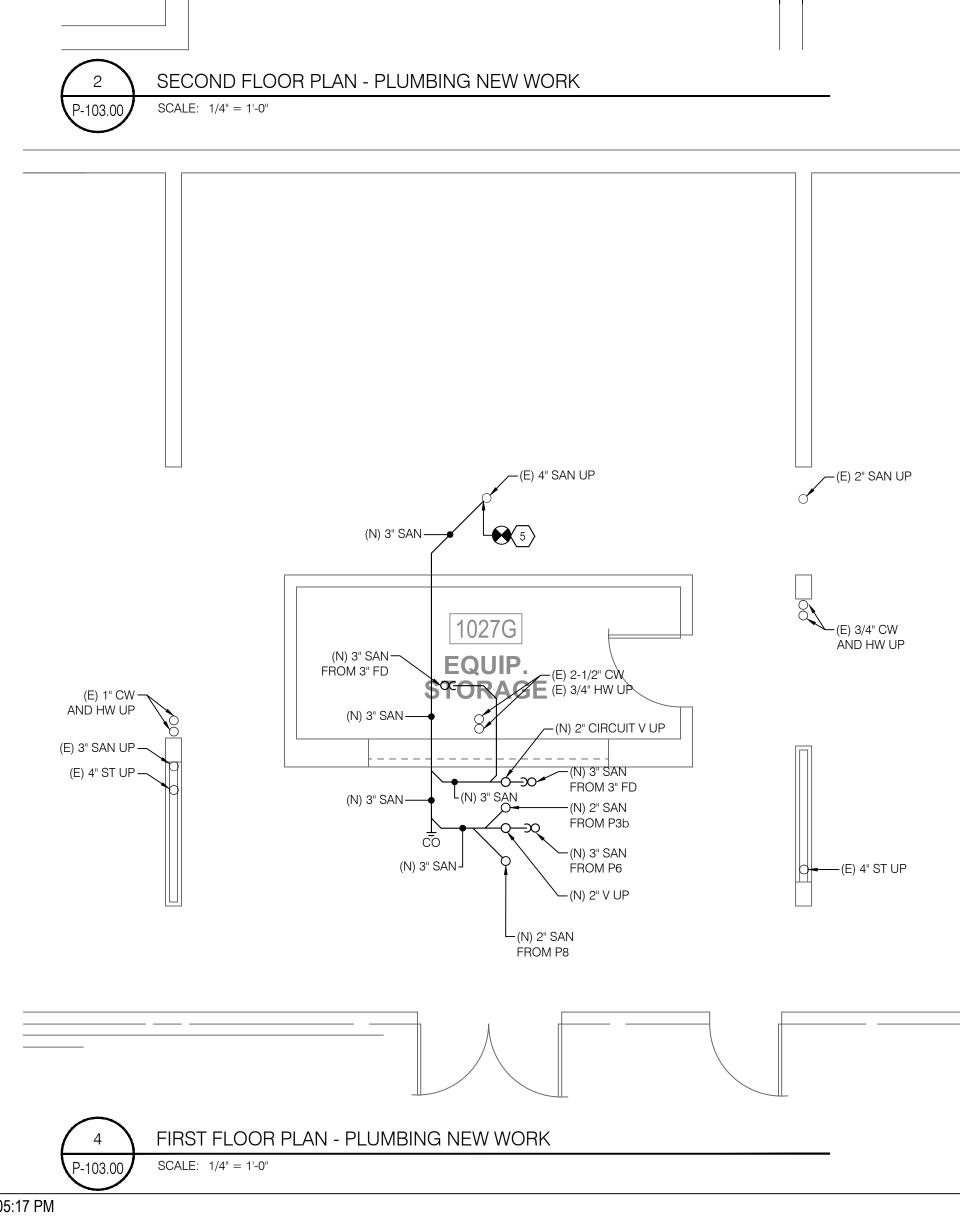


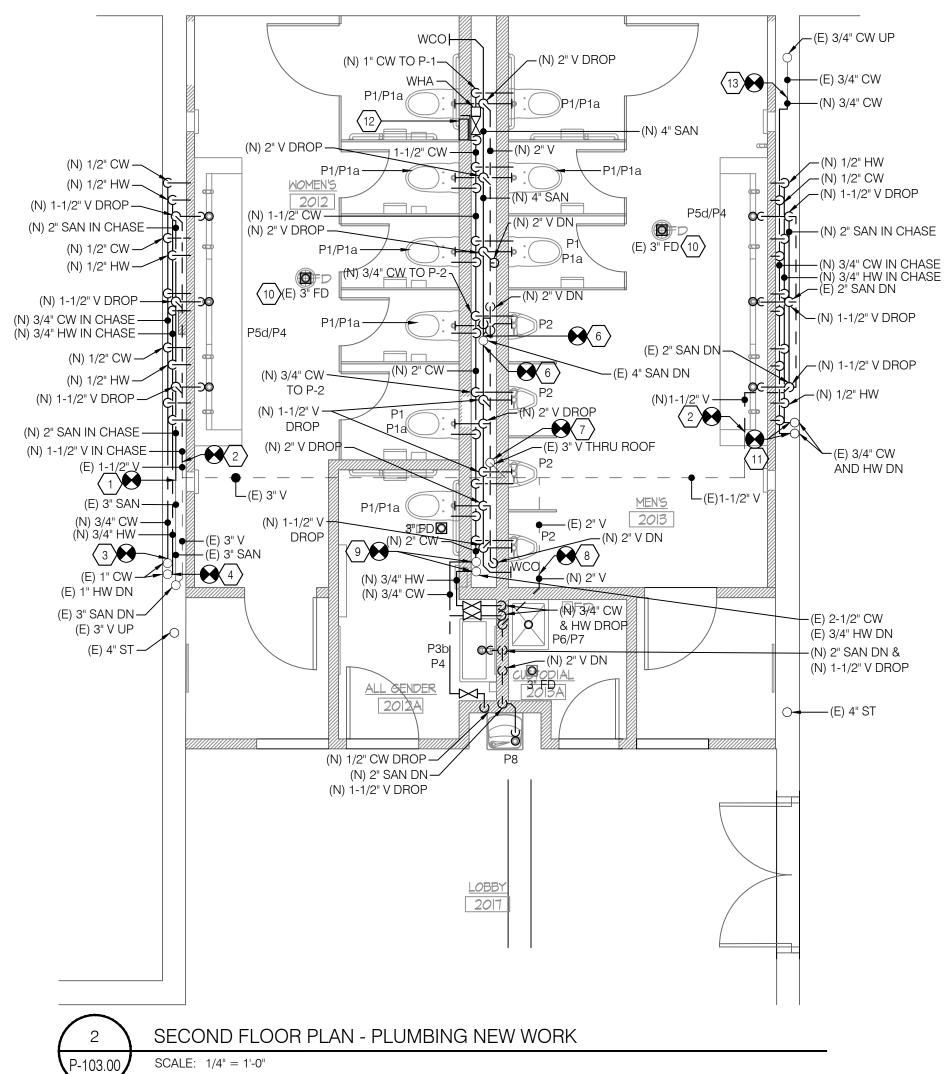
# DANCE BUILDING -PLUMBING PLANS











#### DEMOLITION KEY NOTES #

- REMOVE EXISTING WATER CLOSET, FLUSH VALVE, CARRIER AND ASSOCIATED PIPES.
- REMOVE EXISTING URINAL, FLUSH VALVE, CARRIER AND ASSOCIATED
- PIPES.
- REMOVE EXISTING LAVATORY, FAUCET ALONG WITH P-TRAP CONNECTIONS AND ASSOCIATED PIPES.
- REMOVE EXISTING GRATE FROM EXISTING FLOOR DRAIN.
- REMOVE EXISTING SINK, FAUCET ALONG WITH P-TRAP CONNECTIONS AND ASSOCIATED PIPES.
- REMOVE EXISTING DRINKING FOUNTAIN AND ALL ASSOCIATED PIPES.
- . CUT AND CAP EXISTING 3" SAN AND 1-1/2" VENT PIPE AT THIS LOCATION.
- 8. CUT AND CAP EXISTING 4" SAN PIPE AT THIS LOCATION.
- 9. CUT AND CAP EXISTING 2" VENT PIPE AT THIS LOCATION.
- 10. CUT AND CAP EXISTING 1-1/2" VENT PIPE AT THIS LOCATION.
- 11. CUT AND CAP EXISTING 2" SAN PIPE AT THIS LOCATION. 12. CUT AND CAP EXISTING 3/4" CW PIPE AT THIS LOCATION.

#### NEW WORK KEY NOTES $\langle \# \rangle$

- CONNECT NEW 2" SAN TO EXISTING 3" SAN PIPE.
- CONNECT NEW 1-1/2" V TO EXISTING 1-1/2" V PIPE
- CONNECT NEW 3/4" CW TO EXISTING 1" CW PIPE.
- CONNECT NEW 3/4" HW TO EXISTING 1" HW PIPE
- CONNECT NEW 3" SAN TO EXISTING 4" SAN PIPE . CONNECT NEW 4" SAN TO EXISTING 4" SAN PIPE.
- CONNECT NEW 2" V TO EXISTING 3" V PIPE.
- B. CONNECT NEW 2" V TO EXISTING 2" V PIPE.
- CONNECT NEW 3/4" CW AND 3/4" HW TO EXISTING 2-1/2" CW AND 3/4" HW PIPES.
- 10. PROVIDE NEW GRATE FOR EXISTING FLOOR DRAIN.

13. CONNECT NEW 3/4" CW TO EXISTING 3/4" CW PIPE.

- 1. CONNECT NEW 3/4" CW AND HW TO EXISTING 3/4" CW AND HW PIPES.
- 12. ACCESS PANEL TO ACCESS BALL VALVE AND WATER HAMMER ARRESTOR.

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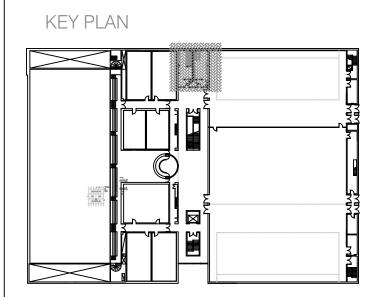
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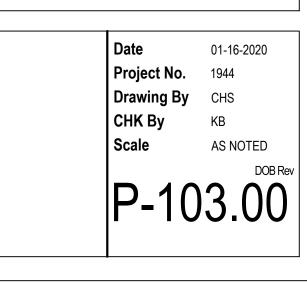
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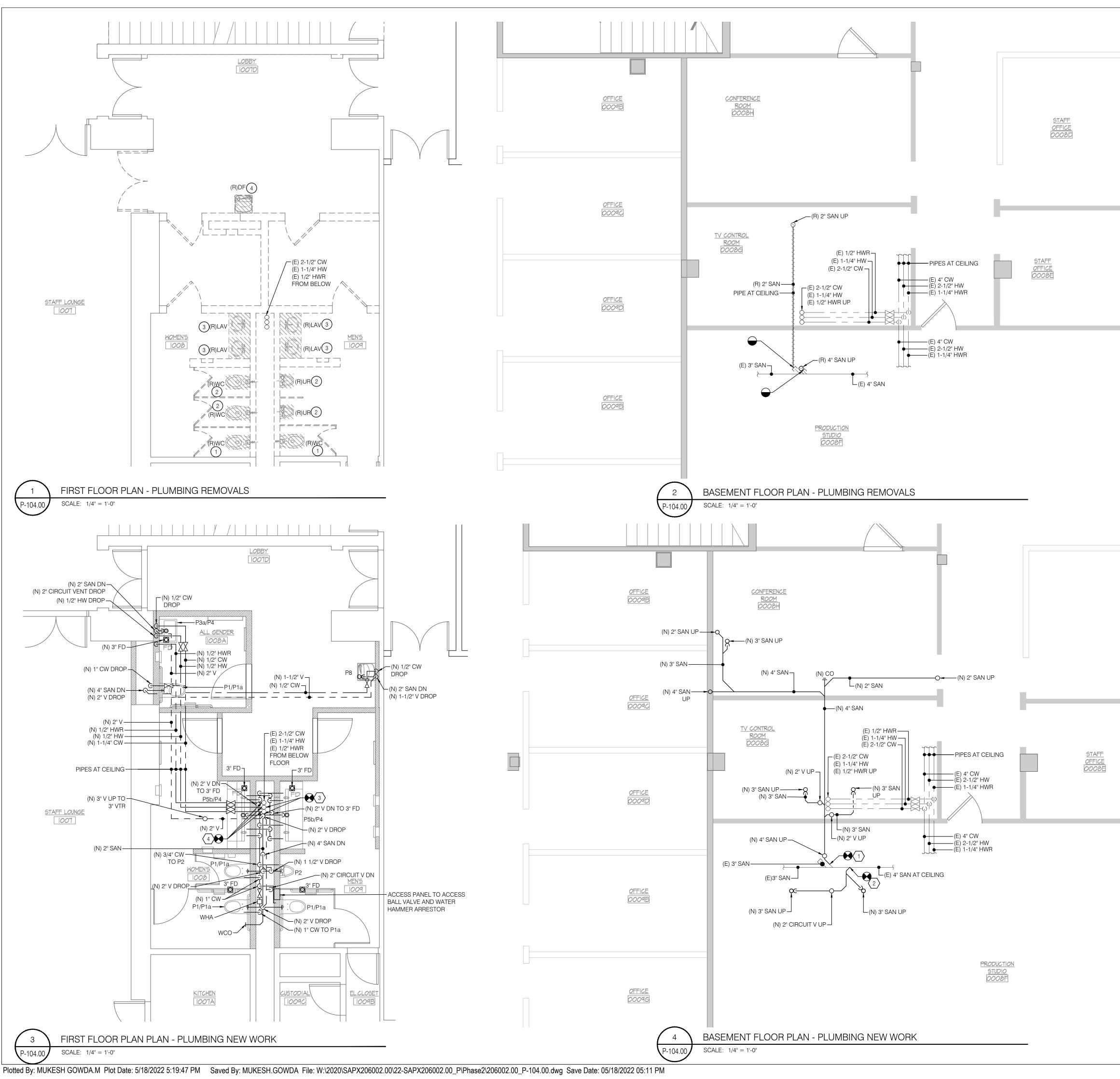
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## Title PHYSICAL EDUCATION -PLUMBING PLANS





#### DEMOLITION KEY NOTES #

- REMOVE EXISTING WATER CLOSET, FLUSH VALVE, CARRIER AND ASSOCIATED PIPES.
- REMOVE EXISTING URINAL, FLUSH VALVE, CARRIER AND ASSOCIATED PIPES.
- REMOVE EXISTING LAVATORY, FAUCET ALONG WITH P-TRAP CONNECTIONS AND ASSOCIATED PIPES.
- . REMOVE EXISTING DRINKING FOUNTAIN AND ALL ASSOCIATED PIPES.

#### NEW WORK KEY NOTES $\langle \# \rangle$

- CONNECT NEW 4" SANITARY PIPE TO EXISTING 4" SANITARY PIPE AT FLOOR BELOW.
- CONNECT NEW 3" SANITARY PIPE TO EXISTING 4" SANITARY PIPE
- AT FLOOR BELOW. . CONNECT NEW 1-1/2" CW AND 1/2" HW TO EXISTING 2-1/2" CW
- AND 1-1/4" HW. . CONNECT NEW 1-1/4" CW, 1/2" HW, AND 1/2" HWR TO EXISTING 2-1/2" CW, 1-1/4" HW, AND 1/2" HWR.

<u>STAFF</u> <u>OFFICE</u> DOO8D

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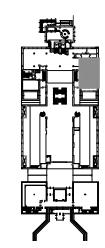
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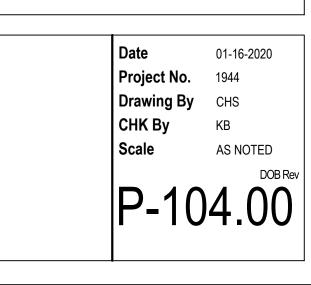
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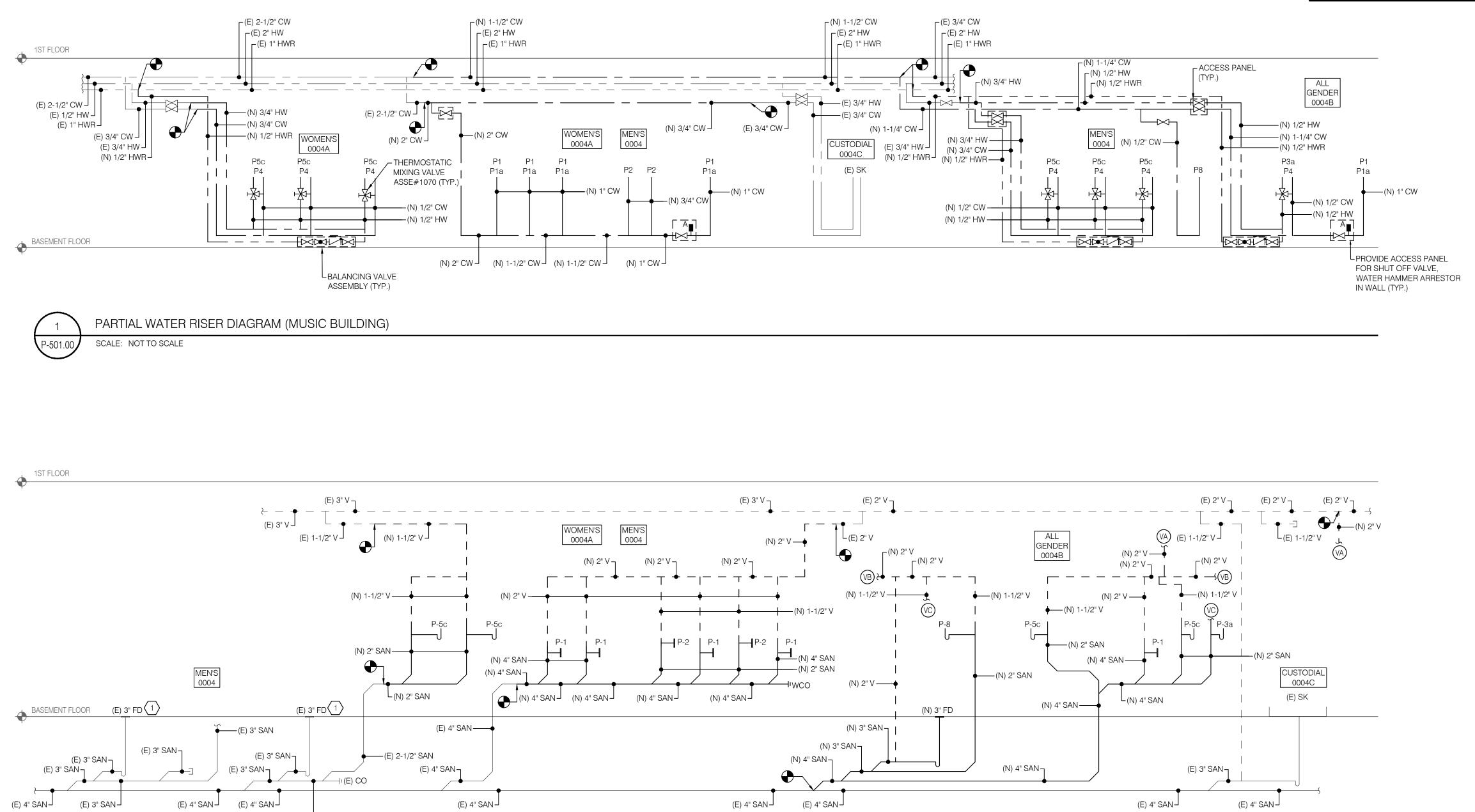
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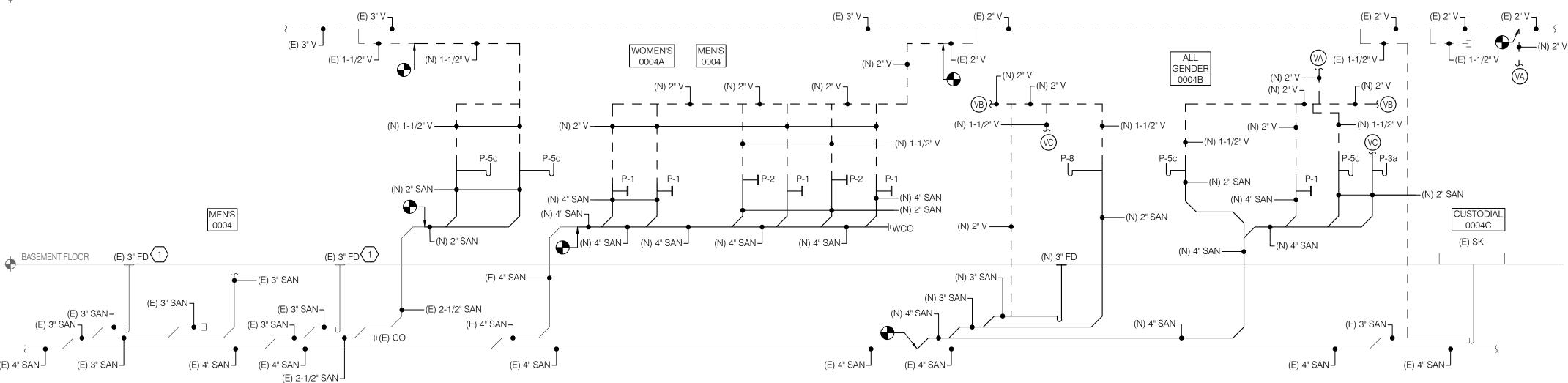


## Title LIBRARY BUILDING -PLUMBING PLANS



(







PARTIAL SANITARY RISER DIAGRAM (MUSIC BUILDING) SCALE: NOT TO SCALE

#### $\langle \# \rangle$ SHEET KEY NOTES

. PROVIDE NEW GRATE FOR EXISTING FLOOR DRAIN.

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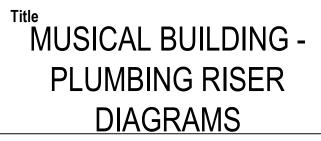
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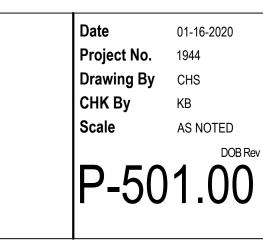
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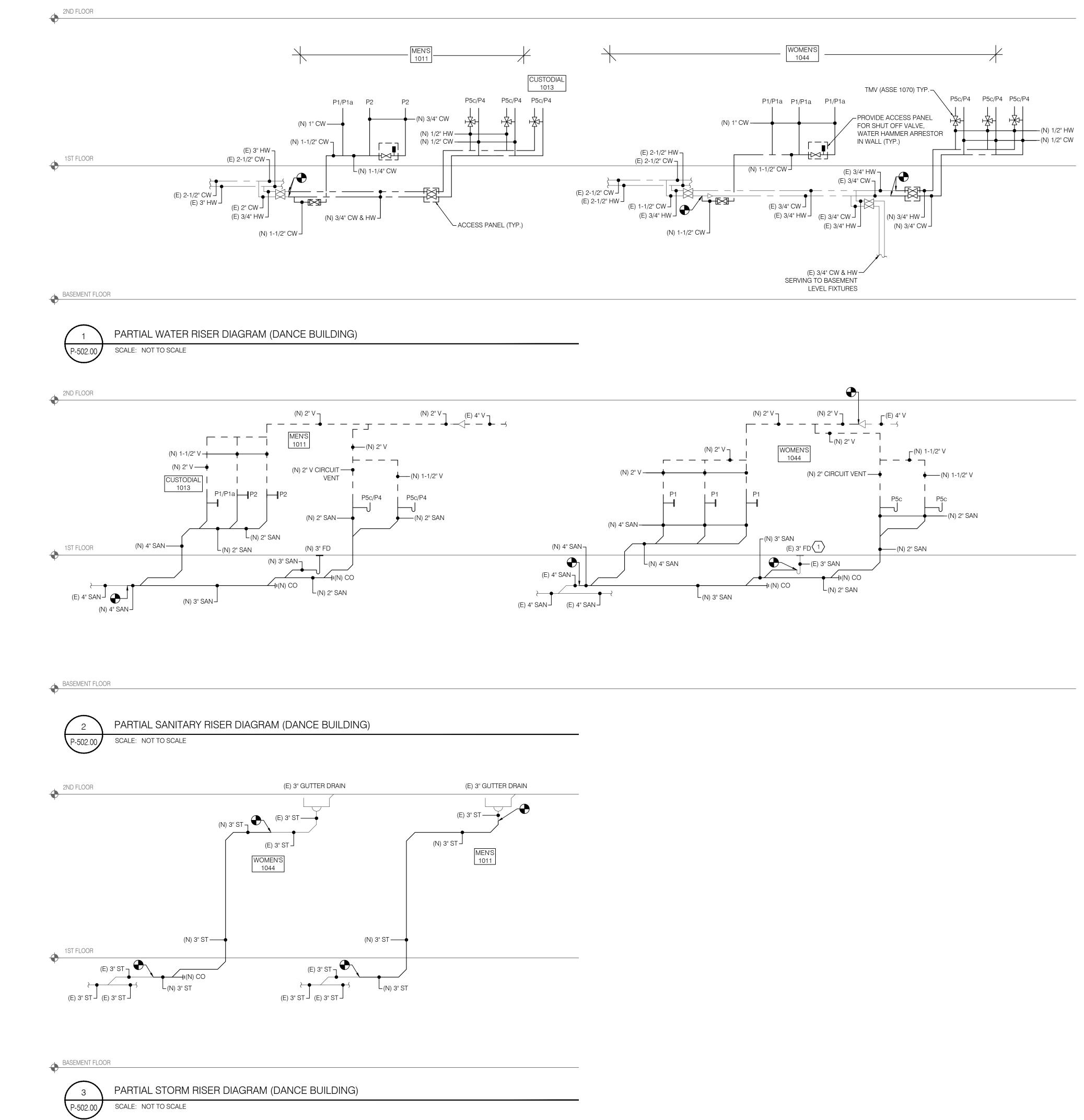
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# SHEET KEY NOTES

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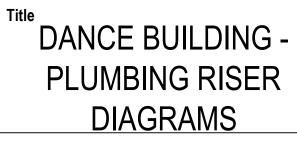
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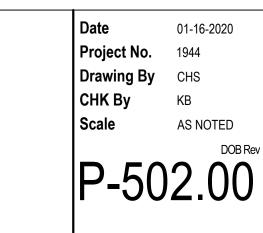
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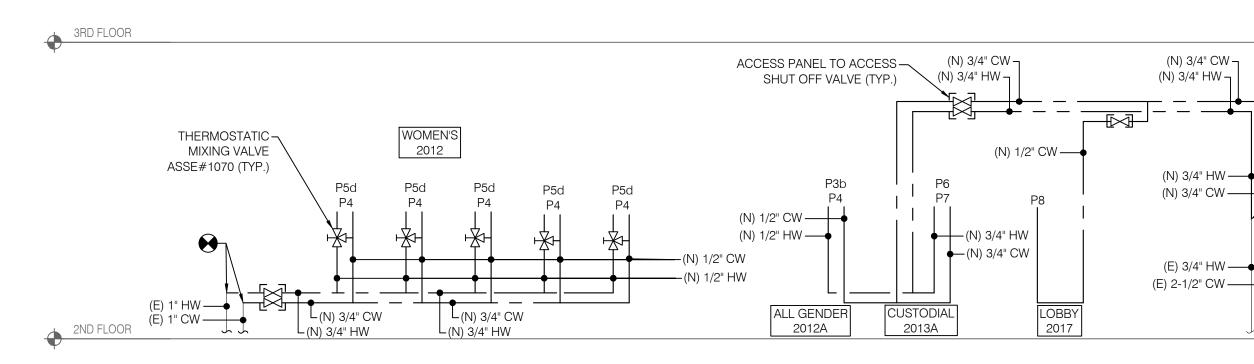
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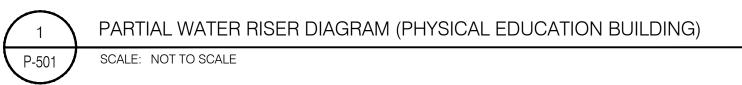
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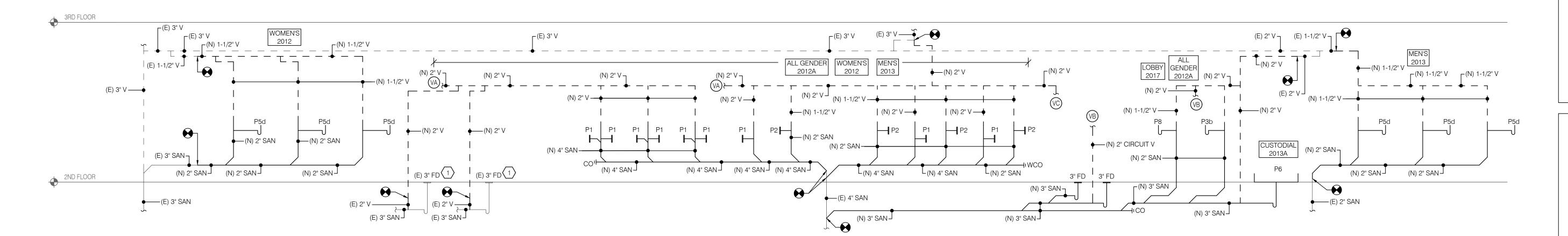






-1ST FLOOR





(N) 3/4" CW –

(N) 3/4" HW ——

(N) 3/4" CW

P2

P1a

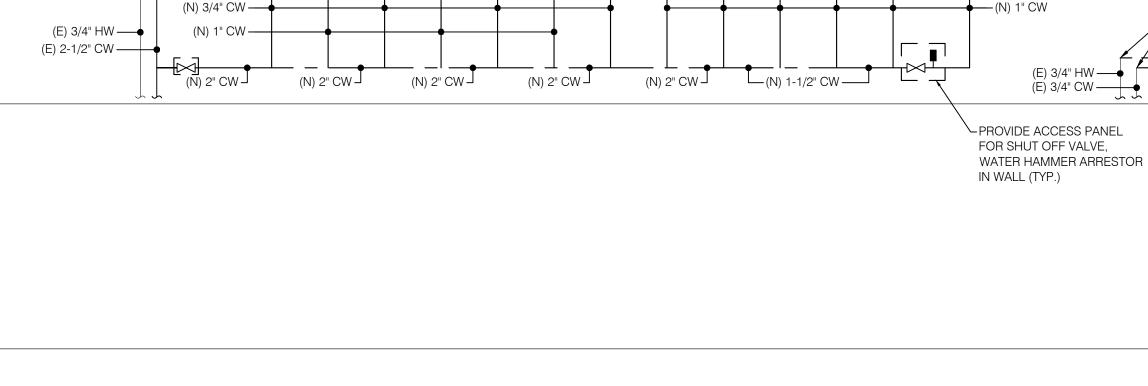
P2

(N) 3/4" HW –

-1ST FLOOR

PARTIAL SANITARY RISER DIAGRAM (PHYSICAL EDUCATION BUILDING)

2 P-501 SCALE: NOT TO SCALE



P2

P1a

P1a

ALL GENDER 2012A WOMEN'S MEN'S 2012 2013

P1a

P2

P1

P1a

P1

P1a

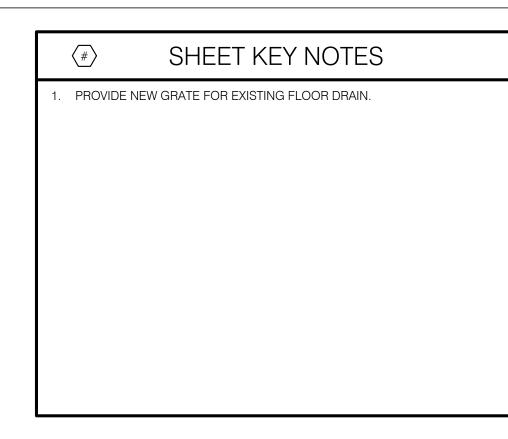
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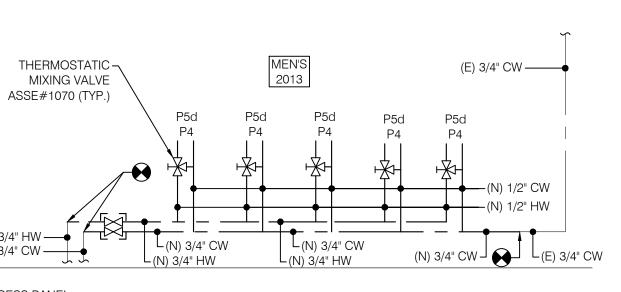
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P1 P1a

P1

P1a





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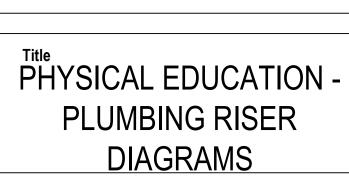
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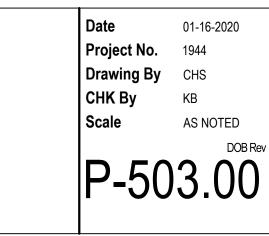
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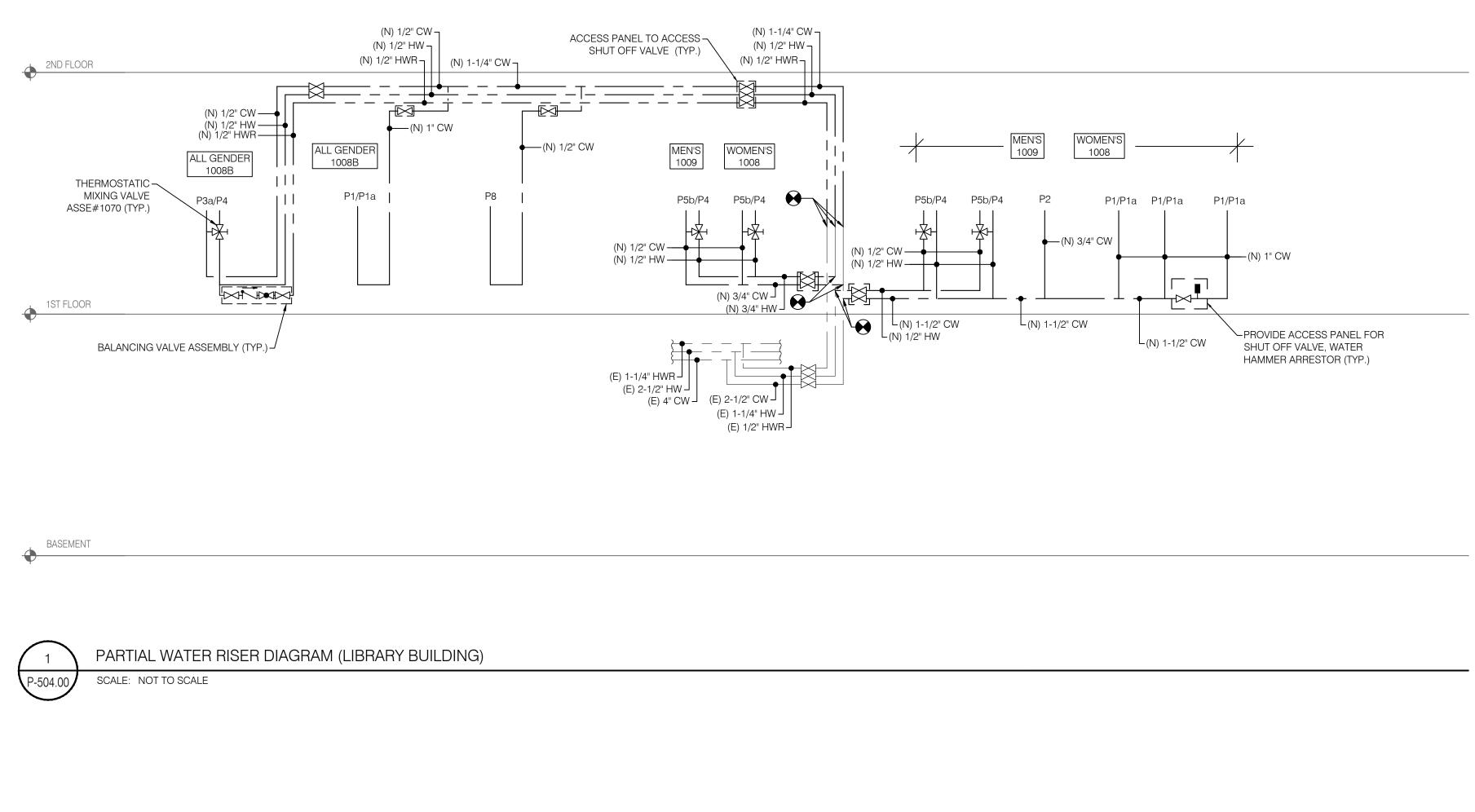
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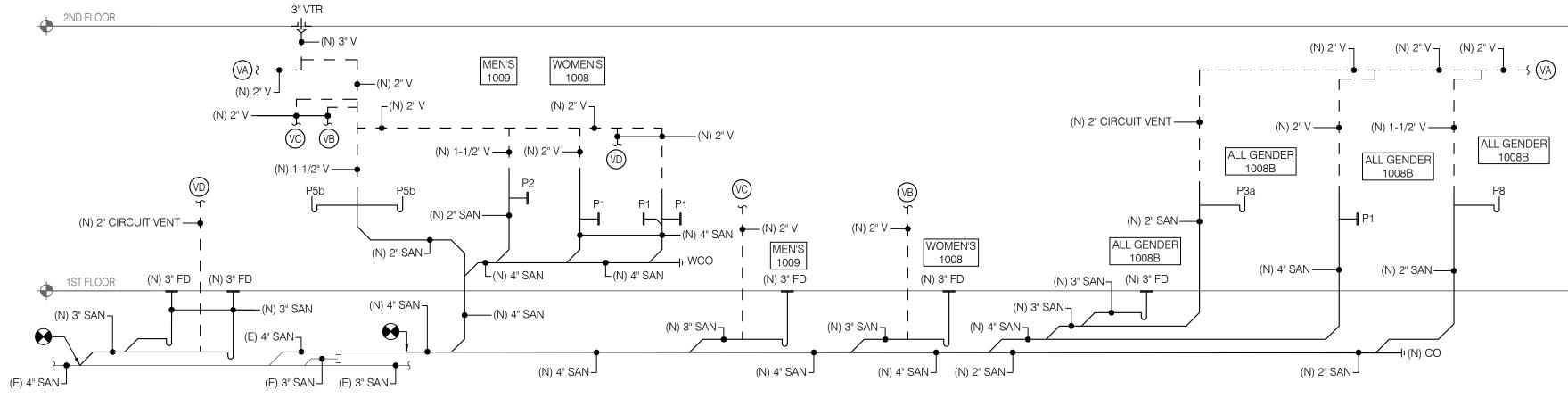
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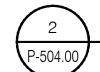








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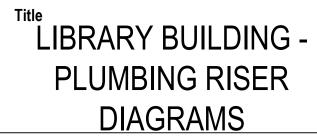
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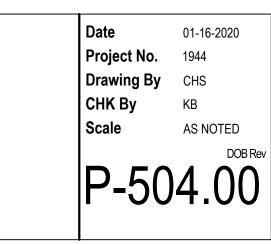
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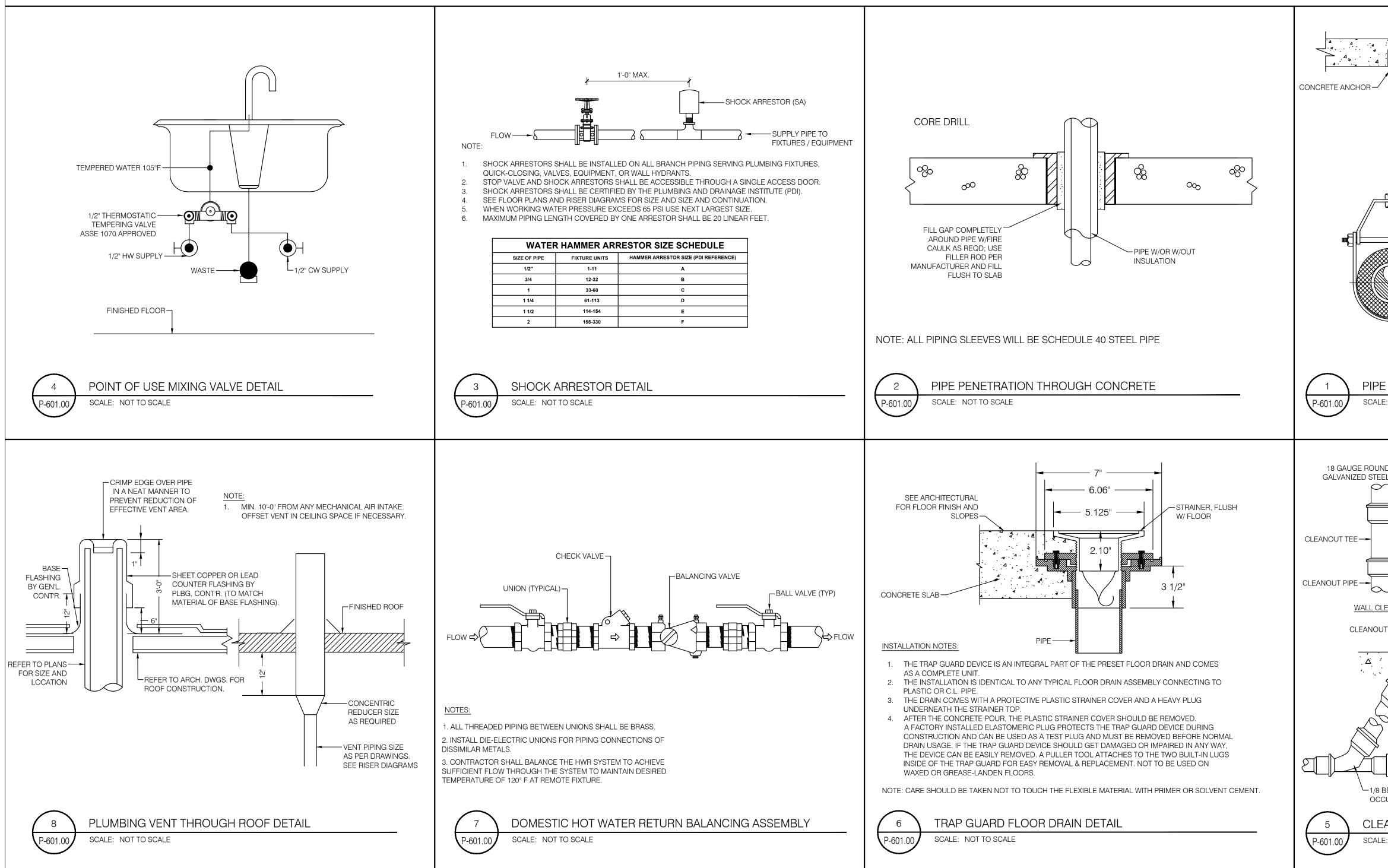
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						PLUMBING FIXTURE SCHEDULE							
ID	FIXTURE	ADA	MANUFACTURER	MODEL	WHITE VITREOUS CHINA ELONGATED ROWL WALL MOU	DESCRIPTION JNTED, WALL OUTLET, SIPHON JET FLUSHING ACTION ACHIEVES 1000g MAP SCORE WHEN USED WITH ANY SLOAN	MOUNTING	REMARKS 1.28 GPF, FLUSHOMETER TOILET, FOR	CW	HW	WASTE	VENT	
P1		YES	SLOAN	ST-2459	FLUSHOMETER , 1 1/2" I.P.S. TOP SPUD INLET, STATIC LC	AN SOLIS DUAL FLUSH MODEL WATER CLOSET FLUSHING ACTION ACHIEVES 1000g MAP SCORE WHEN USED WITH ANY SLOAN	WALL MOUNT	ADA SEAT HEIGHT SET AT 17" TO 19" FROM FINISHED FLOOR	-	-	4"	2"	
P1a  P2	SOLAR POWERED DUAL FLUSH	- YES	SLOAN	8111-1.6/1.1 WESU-7000.1201	(LARGE BUTTON) 1.6 GPF/6.0 LPF. REDUCED FLUSH (SM		- WALL MOUNT	- 0.125 GPF EXPOSED SENSOR	1" 3/4"	-	-	- 1-1/2"	<b>RESTROOM RENOVATION</b>
P3a	WALL MOUNTED SINK	YES	DURAVIT	VERO	ASSEMBLY INCULDED, 100% FACTORY FLUSH TESTED, F SINK DIMENSION 23 5/8" X 18 1/4" X 5 3/8", WHITE VITRED	ELUSH VOLUME 0.125 GPF, SU-7009 URINAL AND SOLIS 8186 FLUSHOMETER COMBO.	WALL MOUNT	URINAL FLUSHOMETER		-	2	1-1/2"	PURCHASE COLLEGE
P3b	WALL MOUNTED SINK	YES	DURAVIT	VERO	SINK DIMENSION 31 1/2" X 18 1/4" X 5 3/8", WHITE VITREO	DUS CHINA WITH OVER FLOW, ORDER NO 04548025	WALL MOUNT	-	-	-	2"	1-1/2"	STATE UNIVERSITY OF NEW YORK
P4	WALL MOUNTED SINK FAUCET	-	SLOAN	OPTIMA SOLIS EAF-275-ISM	SOLAR POWERED, SENSOR ACTIVATED, ELECTRONIC, ADAPTING SENSOR TECHNOLOGY, 6 VDC LITHIUM BATT	CHROME PLATED CONSTRUCTED METAL , HAND WASHING FAUCET , MAGNETIC SOLENID VALVE, AUTOMATIC SELF ERY BACK-UP POWER.	-	0.5 GPM FLOW RATE. PROVIDE ASSE #1070 THERMOSTSTIC MIXING VALVE	1/2"	1/2"	-	-	
P5b	VANITY SINK	YES	SOPHSTONE	SOPH-ST70	SINK DIMENSION 70" X 23 5/8" X 4-3/4" ADA COMPLIANT, S SURFACE WITH STAIN RESISTANT QUALITIES. ECO- SENS	SOPSSTONE COMPOSITE STONE WITH HONED FINISH, METICULOUSLY HAND CRAFTED, SMOOTH, EASY TO CLEAN SITIVE WITH HIGH RECYCLED MATERIAL CONTEN	WALL MOUNT	FOR SOPHSTONE VANITY COLORS REFER TO ARCHITECTURAL DRAWINGS	-	-	2"	1-1/2"	735 Anderson Hill Rd. Purchase, NY 10577
P5c	VANITY SINK	YES	SOPHSTONE	SOPH-ST94	SINK DIMENSION 94" X 23 5/8" X 4-3/4" ADA COMPLIANT, S SURFACE WITH STAIN RESISTANT QUALITIES. ECO- SENS	SOPSSTONE COMPOSITE STONE WITH HONED FINISH, METICULOUSLY HAND CRAFTED, SMOOTH, EASY TO CLEAN SITIVE WITH HIGH RECYCLED MATERIAL CONTEN	WALL MOUNT	FOR SOPHSTONE VANITY COLORS REFER TO ARCHITECTURAL DRAWINGS	-	-	2"	1-1/2"	
P5d	VANITY SINK	YES	SOPHSTONE	SOPH-ST144	SINK DIMENSION 114" X 23 5/8" X 4-3/4" ADA COMPLIANT, SURFACE WITH STAIN RESISTANT QUALITIES. ECO- SENS	SOPSSTONE COMPOSITE STONE WITH HONED FINISH, METICULOUSLY HAND CRAFTED, SMOOTH, EASY TO CLEAN SITIVE WITH HIGH RECYCLED MATERIAL CONTEN	WALL MOUNT	FOR SOPHSTONE VANITY COLORS REFER TO ARCHITECTURAL DRAWINGS	-	-	2"	1-1/2"	PHASE 2:
P6	MOP SINK	-	ADVANCE TABCO	9-OP-20	16 GAUGE TYPE 304 SERIES STAINLESS STELL SINK BOW	/L WITH FLOOR MOUNTED, SINK DIMENSION 21" X 25" X 10". FREE FLOW DRAIN.	FLOOR MOUNT	-	-	-	3"	2"	MUSIC BUILDING DANCE BUILDING
P7	MOP SINK WALL MOUNTED FAUCET	-	ADVANCE TABCO	K-240	BRASS CHROME PLATED BODY AND SPOUT, CHROME P INDEXES, VACUUM BREAKER. BUILT-IN STOPS.	LATED HANDLES, 8" O.C WATER SUPPLY , QUARTER TURN WEDGE STYLE HANDLES WITH COLORED HOT AND COLD	-	-	3/4"	3/4"	-	-	PHYS. ED. BUILDING LIBRARY
P8	DRINKING FOUNTAIN	YES	ELKAY	LZS8WSLP	CHILLING CAPACITY OF 8.0 GPH (GALLONS PER HOUR) (	NGLE ADA COOLER, FILTERED 8 GPH FINISH WITH LIGHT GREY GRANITE. 115V/60HZ , FULL LOAD 5 AMPS WITH DF 50° F DRINKING WATER, HANDS FREE, AUTOMATIC FILTER STATUS RESET, ENERGY SAVINGS, GREEN TICKER,	WALL MOUNT	-	1/2"	-	2"	1-1/2"	
	FLOOR DRAIN	-	PROSET	T35630-F-P	LAMINAR FLOW , ANTIMICROBIAL, REAL DRAIN THE TRAP GUARD DEVICE IS AN INTERGRAL PART OF TH STRAINER COVER AND A HEAVY PLUG UNDERNEATH TH	E PROSET FLOOR DRAIN AND COMES AS A COMPLETE UNIT. THE DRAIN COMES WITH A PROTECTIVE PLASTIC	FLOOR MOUNT	-	_	_	3"	2"	<b>Conditions</b> All ideas, designs, arrangements and plans indicated or represented by this
				NOTE: *REF		ONS, QUANTITIES AND ADA REQUIREMENTS. *PLUMBING FIXTURE SCHEDULE INDICATING THE SPECIFIED PRODUCT	ARE BASIS OF DESIGN.						DRAWING ARE OWNED BY, AND THE PROPERTY OF RONNETTE RILEY ARCHITECT AND WERE CREATED, EVOLVED AND DEVELOPED FOR THE USE ON, AND IN CONNECTION WITH THE SPECIFIED PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PERSON, FIRM OR CORPORATION FOR ANY PURPOSE WHATSOEVER
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									<b>↓</b>				New York, NY 10001 T 212 594 4015
$(\bigcap)$				1'-0" MAX. ≁			CONCRETE ANCH	OR - EXISTING SLAB,				1	F 212 594 2868 www.ronnetteriley.com
					SHOCK ARRESTOR (SA)			HANGER ROD					MEP Engineer
			FLOW							┨╼──⊢	HANGER ROD		SETTY & Associates, Ltd 149 W 36th Street, 8th floor New York, NY 10018
		NOTE	0	╢╤┱╢─────╸╺───	FIXTURES / EQUIPMENT								T 646 253 9000 F 646 224 8497
			QUICK-CLOSING, VALVES, E	EQUIPMENT, OR WALL H									
 T		З.	SHOCK ARRESTORS SHALL	L BE CERTIFIED BY THE F	CCESSIBLE THROUGH A SINGLE ACCESS DOOR. PLUMBING AND DRAINAGE INSTITUTE (PDI).						JAMB NUT		
		5.	WHEN WORKING WATER PR	PRESSURE EXCEEDS 65 P	E AND SIZE AND CONTINUATION. PSI USE NEXT LARGEST SIZE. ESTOR SHALL BE 20 LINEAR FEET.			SUPPORT NUT	[[		JAMB NUT — SUPPORT N	IUT	
  ]		0.		COVERED BY ONE ANNE		FILL GAP COMPLETELY AROUND PIPE W/FIRE				//		VY DUTY /IS HANGER	
				MMER ARRESTOR S	SIZE SCHEDULE	CAULK AS REQD; USE FILLER ROD PER INSULATION						ISULATION	Rev Date Issue
L <sub>1/2"</sub>	" CW SUPPLY		1/2"	1-11	A	MANUFACTURER AND FILL FLUSH TO SLAB	k				HIGH D		05 May 2022 Issue for Bid
			1 1/4	33-60	с 		Ţ		NGER \\		🕅 INSULA	TION AT HANGER S. REFER SPEC'S	R
			1 1/2	114-154 155-330	E F			GALVANIZED STEEL SADDLE (INSULATION				ZED STEEL (INSULATION	
						NOTE: ALL PIPING SLEEVES WILL BE SCHEDULE 40 STEEL PIPE		SADDEL (INSOLATION SHIELD)		·	SHIELD)	(INSOLATION	
DETAIL				RESTOR DETAIL		2 PIPE PENETRATION THROUGH CONCRETE		PIPE SUPPORT DETAIL					
		P-601				P-601.00 SCALE: NOT TO SCALE	P-601.00	SCALE: NOT TO SCALE					
						<b>—</b> 7" <b>— —</b>	18 GAUGI GALVANIZE				<u>م</u>		
						SEE ARCHITECTURAL	GALVANIZE				×	XØ PIPE	
	NY MECHANICAL AIR INTAKE. EILING SPACE IF NECESSARY.					FOR FLOOR FINISH AND SLOPES			CLEANOUT -				
OL							CLEANOUT TEE		LTERNATE MET	гнор — 🗸		-FINISH FLOOR	
Г—			CHEC					ACCESS COVER		<u>]</u>			
EAD					-BALANCING VALVE								
BY ATCH _ASHING).			UNION (TYPICAL)			CONCRETE SLAB	CLEANOUT PIPE					 	
							M	ALL CLEANOUT				<u> </u>	
		FLOW ⊨>			FLOW		CL	EANOUT - FINISHED GRADE			UT NEAR BASI	E OF STACK	Title
			╵───┓┝╲╱┥┟┸┇╧┇	┍┈┑╷╴╴╴╶┍╄┈╴╢		INSTALLATION NOTES:       Image: Comparison of the second se			FINISHE			ORIATED COVER	
- - -						AS A COMPLETE UNIT. 2. THE INSTALLATION IS IDENTICAL TO ANY TYPICAL FLOOR DRAIN ASSEMBLY CONNECTING TO		-16"SQUARE CON PAD TROWEL SM				ET LEVEL WITH	
+ (						PLASTIC OR C.L. PIPE. 3. THE DRAIN COMES WITH A PROTECTIVE PLASTIC STRAINER COVER AND A HEAVY PLUG		AND EDGE.				ADJUSTABLE HOUSING	DETAILS
Ì	REDUCER SIZE AS REQUIRED	<u>NOTES:</u> 1. ALL THRE	EADED PIPING BETWEEN UN	NIONS SHALL RE REASS		<ul> <li>UNDERNEATH THE STRAINER TOP.</li> <li>4. AFTER THE CONCRETE POUR, THE PLASTIC STRAINER COVER SHOULD BE REMOVED.</li> <li>A FACTORY INSTALLED ELASTOMERIC PLUG PROTECTS THE TRAP GUARD DEVICE DURING</li> </ul>		C.I. WASTE LINE.	· · ·			SET SCREW	
	VENT PIPING SIZE	2. INSTALL [	DIE-ELECTRIC UNIONS FOR		OF	A FACTORY INSTALLED ELASTOMERIC PLUG PROTECTS THE TRAP GUARD DEVICE DURING CONSTRUCTION AND CAN BE USED AS A TEST PLUG AND MUST BE REMOVED BEFORE NORMAL DRAIN USAGE. IF THE TRAP GUARD DEVICE SHOULD GET DAMAGED OR IMPAIRED IN ANY WAY,		LENGTH TO SUIT.	KEIE ⊶∵	• • • • • •			Date 01-16-2020
	AS PER DRAWINGS. SEE RISER DIAGRAMS		CTOR SHALL BALANCE THE			THE DEVICE CAN BE EASILY REMOVED. A PULLER TOOL ATTACHES TO THE TWO BUILT-IN LUGS INSIDE OF THE TRAP GUARD FOR EASY REMOVAL & REPLACEMENT. NOT TO BE USED ON		FLOOR S	SLAB	۹ v.			Project No. 1944 Drawing By CHS
			FLOW THROUGH THE SYST JRE OF 120° F AT REMOTE F			WAXED OR GREASE-LANDEN FLOORS.			· • • • •	<b>N</b>			СНК Ву КВ
			_			NOTE: CARE SHOULD BE TAKEN NOT TO TOUCH THE FLEXIBLE MATERIAL WITH PRIMER OR SOLVENT CEMENT.		└──1/8 BEND IF CLEANOUT OCCURS AT END OF LINE.		FLOOR CLE	ANOUT DETAI	<u>L</u>	Scale AS NOTED
OOF DETAIL	L	7	DOMESTIC H	HOT WATER RET	TURN BALANCING ASSEMBLY	6 TRAP GUARD FLOOR DRAIN DETAIL	5	CLEANOUT DETAILS					P-601.00
		P-601	.00 SCALE: NOT TO S	SCALE		P-601.00 SCALE: NOT TO SCALE	P-601.00	SCALE: NOT TO SCALE					
			-										



Plotted By: MUKESH GOWDA.M Plot Date: 5/18/2022 5:20:17 PM Saved By: MAHBOOB.PASHA File: W:\2020\SAPX206002.00\22-SAPX206002.00\_P\Phase2\206002.00\_P-601.00.dwg Save Date: 04/25/2022 04:29 PM

Original drawing size is 24"x36"; Scale entities accordingly if reduced/enlarged.

P SHEET 10 OF 10

## GENERAL NOTES

#### 1. CODE PERMITS AND INSPECTIONS

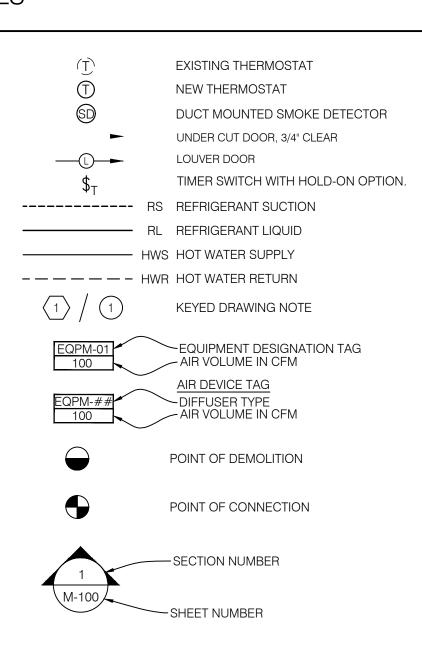
1.1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH LATEST APPLI CODES, REGULATIONS AND STANDARDS. CONTRACTOR SHALL AND PAY FOR ALL NECESSARY PERMITS AND SHALL ARRANGE F INSPECTIONS BY AUTHORITIES HAVING JURISDICTION. 1.2. PERFORM ALL WORK IN ACCORDANCE WITH THE FOLLOWING CO AND STANDARDS: 1.2.A. NEW YORK STATE MECHANICAL CODE: 2020 1.2.B. NEW YORK STATE FUEL GAS CODE: 2020 1.2.C. NEW YORK STATE FIRE CODE: 2020 1.2.D. NEW YORK STATE BUILDING CODE: 2020 1.2.E. NEW YORK STATE ENERGY CONSERVATION CODE: 2020 1.2.F. NEW YORK STATE PLUMBING CODE: 2020 1.2.G. NEW YORK STATE EXISTING BUILDING CODE 2020 1.2.H. ASHRAE STANDARD 90.1.2016 1.2.I. SMACNA DUCT CONSTRUCTION STANDARDS: LATEST 1.3. CONTRACTOR SHALL COMPLY WITH ALL OCCUPATIONAL SAFETY HEALTH ADMINISTRATION (OSHA) AND ENVIRONMENTAL PROTEC AGENCY (EPA) REQUIREMENTS 2. HVAC DESIGN PARAMETERS 1. INDOOR CONDITION: SUMMER 75°F DB/50%RH WINTER: 70°F DB 2. OUTDOOR CONDITION:

SUMMER: 89°F DB/ 77° FWB

WINTER: 9° F DB

3. MINIMUM OUTDOOR AIR SUPPLY BASED ON CHAPTER 4 "VENTILATION NEW YORK STATE MECHANICAL CODE.

		S`	YMBOLS
LICABLE	(E)12x10	EXISTING DUCTWORK OR EQUIPMENT TO REMAIN	
OBTAIN FOR ALL		DUCTWORK TO BE REMOVED OR EQUIPMENT TO BE REMOVED	
CODES	- 12x10 -	NEW DUCT (1ST DIMENSION INDICATES TOP SHOWN, INSIDE CLEAR DIMENSIONS)	
	12x10	DUCTWORK WITH SOUND LINING (DIMENSION INDICATES INSIDE CLEAR DIMENSIONS)	-
		DUCT WORK WITH TRANSITION	_
		RECTANGULAR/SQUARE DUCT TO ROUND DUCT SIZE TRANSITION	
16 EDITIONS 'Y AND		MANUAL VOLUME DAMPER	
Y AND CTION		FIRE DAMPER	
		SUPPLY AIR DUCT TO RISE UP	
		SUPPLY AIR DUCT TO DROP DOWN	
		RETURN AIR DUCT TO RISE UP	NOTE
DN" IN 2020		RETURN AIR DUCT TO DROP DOWN	
		EXHAUST DUCT TO RISE UP	
		EXHAUST DUCT TO DROP DOWN	
		ELBOW WITH TURNING VANES	
		SUPPLY AIR DEVICE	
		RETURN OR EXHAUST AIR DEVICE	
		EXHAUST AIR DEVICE	
		DUCTWORK WITH DUCT BRANCH	
		DUCTWORK WITH ROUND DUCT TAKE-OFF	
		OPEN END DUCT WITH CAP	
		ROUND DUCT TO RISE UP	
	$\bigcirc \bigcirc $	ROUND DUCT TO DROP DOWN	
		FLEXIBLE ROUND DUCT	
		CEILING SUPPLY AIR DIFFUSER	
		LINEAR SLOT DIFFUSER	
		RETURN AIR GRILLE OPEN TO CEILING EXHAUST AIR GRILLE	ż

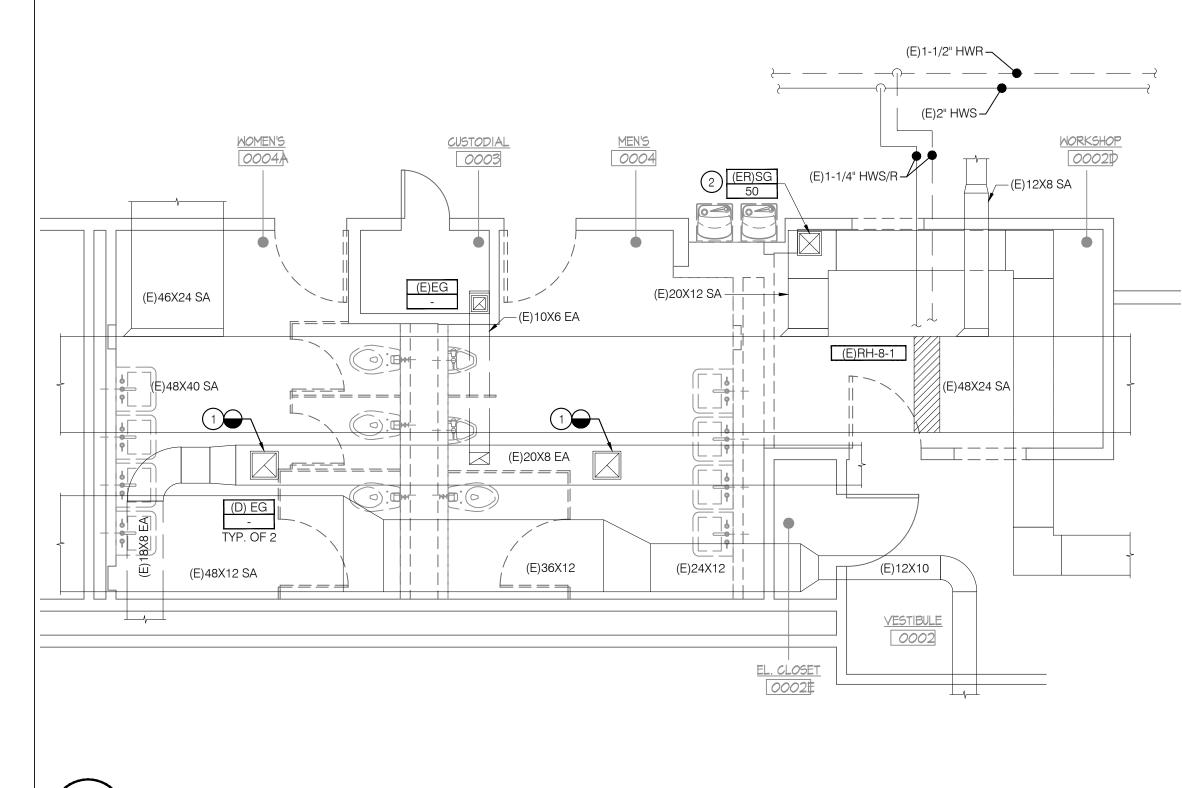


NOTE: ALL SYMBOLS MAY NOT APPEAR ON THE DRAWINGS.

AC AIR CONDITIONING UNIT ACCU AIR COOLED CONDENSING UNIT AFF ABOVE FINISHED FLOOR	NC NOISE CRITERIA NOM NOMINAL	
AHU ARHANDLING UNT AP ACCESS PANEL APD ACCESS PANEL APD ARP RESSURE DROP ARC ARC URTAIN ARCH ARCHITECTURAL BAS BUILDING AUTOMATION SYSTEM BD BACKDRAFT DAMPER BHP BRAKE HORSE POWER BLDG BLW BELOW BOD BASIS OF DESIGN BTUH BRITISH THERMAL UNIT PER HOUR CC COOLING COIL CD CONDENSATE DRAIN CD CEILING DIFFUSER CFM CUBIC FEET PER MINUTE CH CHILLER CLG CEILING DIFFUSER CFM CUBIC FEET PER MINUTE CH CHILLER CLG CEILING DD DEMOLITION DB DRY BULB DDC DIRECT DIGITAL CONTROL DI DIGITAL INPUT DA DAMETER DN DOWN DO DIGITAL OUTPUT DAS DEFERENTIAL PRESSURE SWITCH DYS DIFFERENTIAL PRESSURE EXHAUST FAN EG EXHAUST FAN EG	No. NUMBER No. NUMBER OA OUTDOOR AIR P PUMP PD PRESSURE SENSOR R RELOCATE RA RETURN AIR RAD RADIATOR RD RETURN DIFFUSER RF RETURN GRILLE RLA RELIEF AIR RLF RELIEF AIR RLF RELIEF FAN RPM REVOLUTION PER MINUTE RTU ROOF TOP UNIT RWS REHEAT WATER RET. SA SUPPLY AIR SAT SUPPLY AIR SAT SUPPLY AIR SAT SUPPLY FAN SG SUPPLY GRILLE SP STATIC PRESSURE T THERMOSTAT TS TEMPERATURE SENSOR TYP TYPICAL VAV VARIABLE AIR VOLUME VD VOLUME DAMPER VD VARIABLE AIR VOLUME VD VARIABLE REFRIGERANT FLOW W WATT WB WET BULB WC WATER COLUMN W WITH WO WITHOUT WMS WIRE MESH SCREEN NOTE: ALL ABBREVIATIONS MAY NOT APPEAR ON THE DRAWINGS.	<section-header><section-header><section-header><section-header><section-header><section-header><section-header><text><text><text><text><text><text><text><text><text><text></text></text></text></text></text></text></text></text></text></text></section-header></section-header></section-header></section-header></section-header></section-header></section-header>
MCU MODE CONTROL UNIT		
SHEET DRAWING	DRAWING LIST	
1       M-001.00       GENERAL NOTES, SYMBOLS & ABBRI         2       M-101.00       MUSICAL INSTRUCTIONAL FACILITIES         3       M-102.00       DANCE INSTRUCTIONAL FACILITIES         4       M-103.00       PHYSICAL EDUCATION - MECHANICA         5       M-104.00       LIBRARY BUILDING - MECHANICAL PL         6       M-601.00       MECHANICAL SCHEDULES AND DETA	ANS	
		Title GENERAL NOTES, SYMBOLS & ABBREVIATIONS
		Date         01-16-2020           Project No.         1944           Drawing By         AKV           CHK By         BS           Scale         AS NOTED

## ABBREVIATIONS

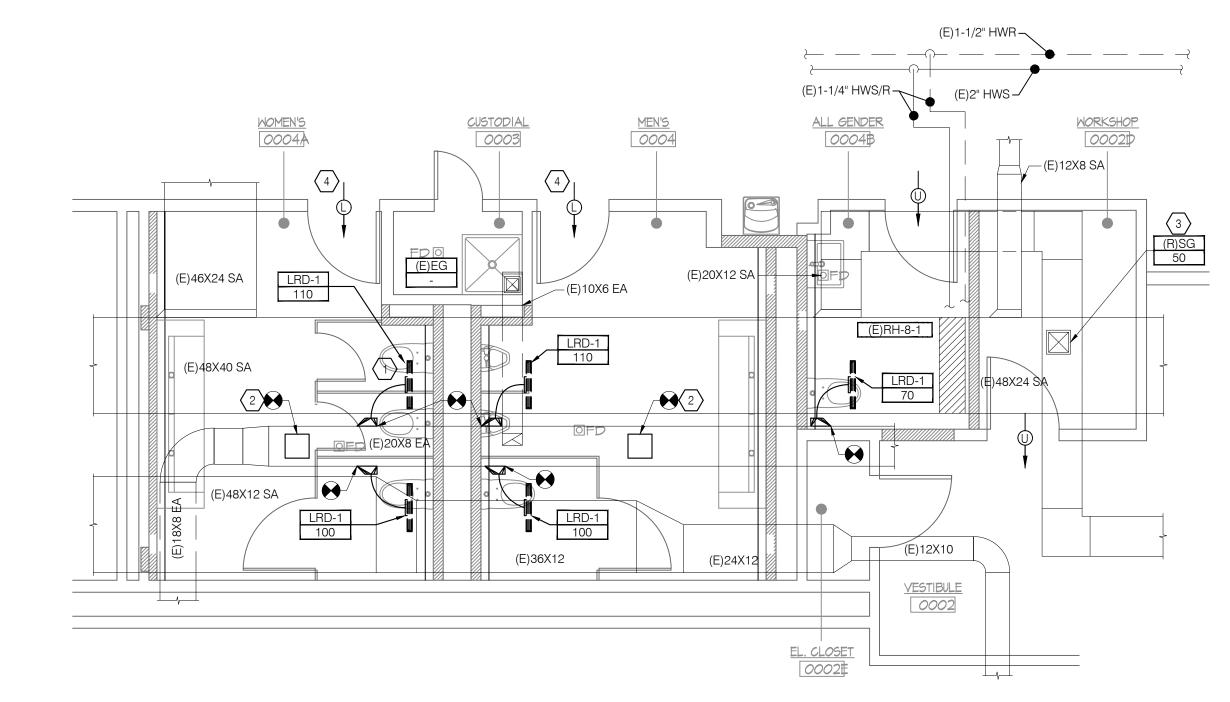
M-001.00



1 M-101.00 BASEMENT LEVEL PLAN - MECHANICAL REMOVALS SCALE: 1/4" = 1'-0"



BASEMENT LEVEL PLAN - MECHANICAL NEW WORK SCALE: 1/4" = 1'-0"



## GENERAL NOTES

- EXISTING WORK SHOWN IS BASED ON AVAILABLE DOCUMENTATION AND SPOT CHECKS ON SURVEY. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS AND COORDINATE WITH ENGINEER PRIOR TO PROCEEDING WITH WORK.
- THE DEMOLITION PLAN IS INTENDED TO PROVIDE THE CONTRACTOR WITH A GENERAL KNOWLEDGE OF THE EXISTING CONDITIONS WITHIN THE PROJECT AREA.
- CONTRACTOR SHALL SCHEDULE ALL WORK IN ACCORDANCE WITH OWNER'S REQUIREMENTS.
- CONTRACTOR TO FIELD COORDINATE ALL REMOVAL/ STORAGE/DISPOSAL OF EXISTING EQUIPMENT WITH THE OWNER. CONTRACTOR TO COORDINATE WITH ARCHITECT AND STRUCTURAL ENGINEER TO PATCH AND REPAIR AREAS AFFECTED BY DEMOLITION
- WORK. CONTRACTOR TO REINSTALL ALL THERMOSTATS OR SENSORS AFFECTED BY DEMOLITION.

#### DEMOLITION KEY NOTES #

- REMOVE EXISTING EXHAUST GRILLE AND ASSOCIATED DUCTWORK, ACCESSORIES, FITTINGS, HANGERS AND SUPPORTS FROM POINT OF DISCONNECTION SHOWN.
- DISCONNECT AND RELOCATE EXISTING SUPPLY AIR GRILLE. CAP AND SEAL DUCT OPENING AIR TIGHT. SEE NEW WORK PLAN ON DWG. 2/M-101.00 FOR EXACT LOCATION.

## SHEET KEY NOTES

- PROVIDE EXHAUST LINEAR DIFFUSER AT THE LOCATION SHOWN
- AND COORDINATE WITH ARCH. RCP. (TYP.) . ALL UNUSED DUCT OPENINGS SHALL BE CAP AND SEALED AIR
- TIGHT. 3. TAB CONTRACTOR TO BALANCE RELOCATED SUPPLY AIR GRILLE TO
- AIRFLOW SHOWN ON PLANS.

 $\langle \# \rangle$ 

4. PROVIDE DOOR LOUVER OF 0.4 SQ FT WITH 100% FREE AREA.

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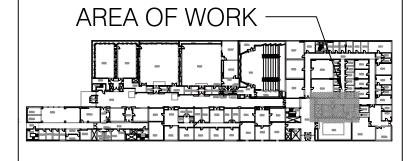
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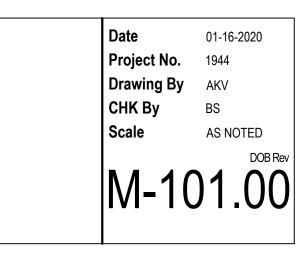
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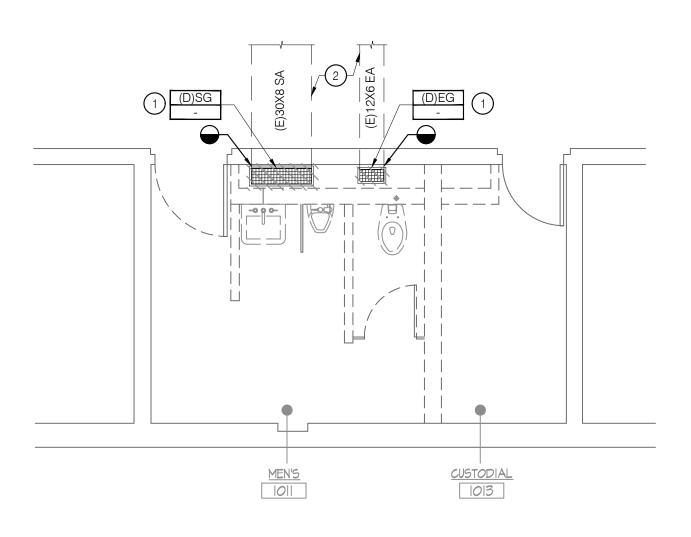
KEY PLAN

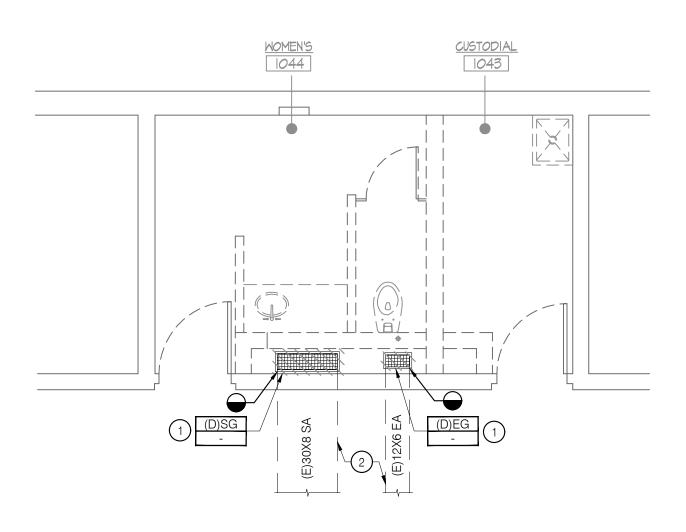


Title MUSICAL INSTRUCTIONAL FACILITIES - MECHANICAL PLANS

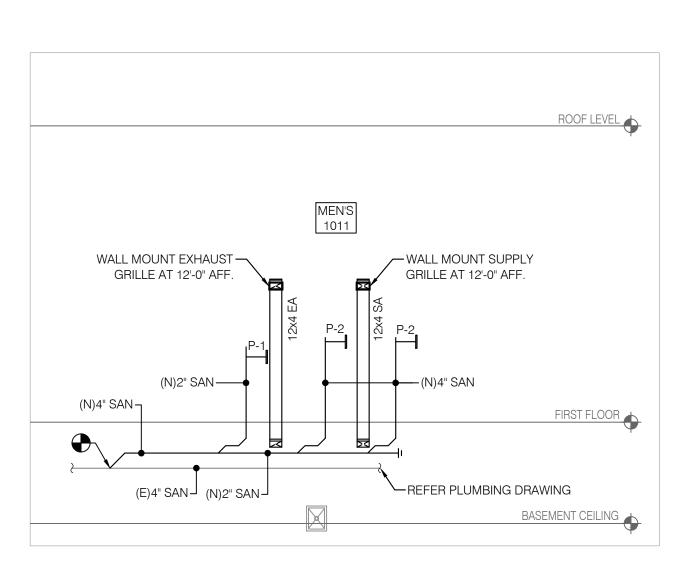


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FIRST FLOOR PLAN - MECHANICAL REMOVALS

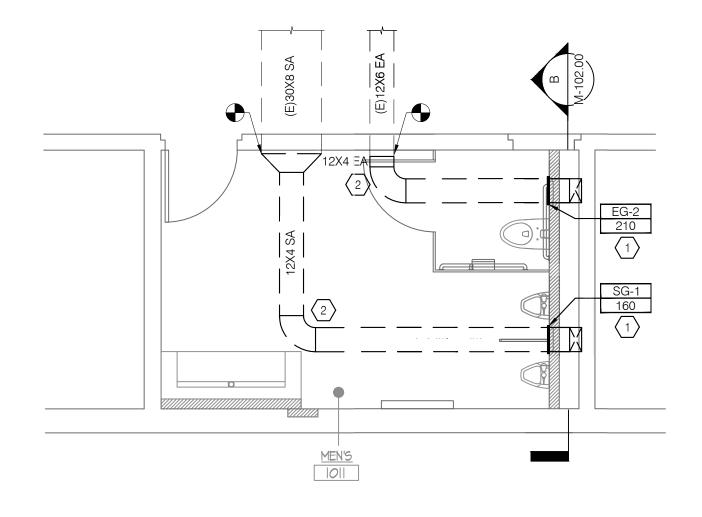


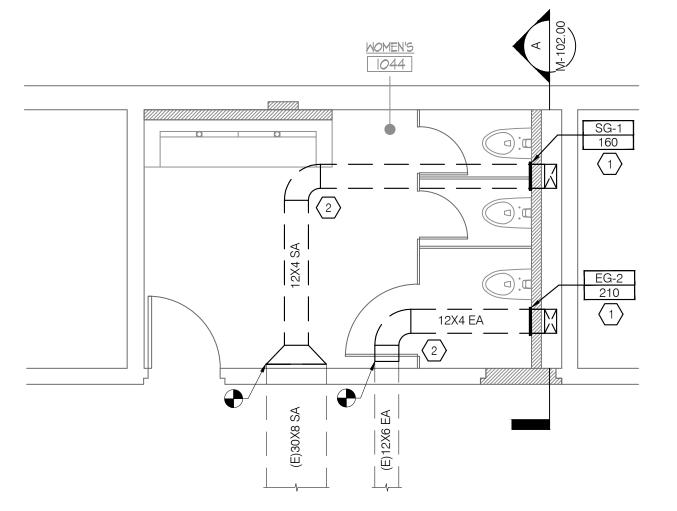


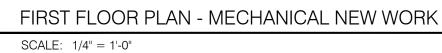
M-102.00

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

## SECTIONAL VIEW OF DUCT AND SANITARY PIPE COORDINATION SCALE: NTS

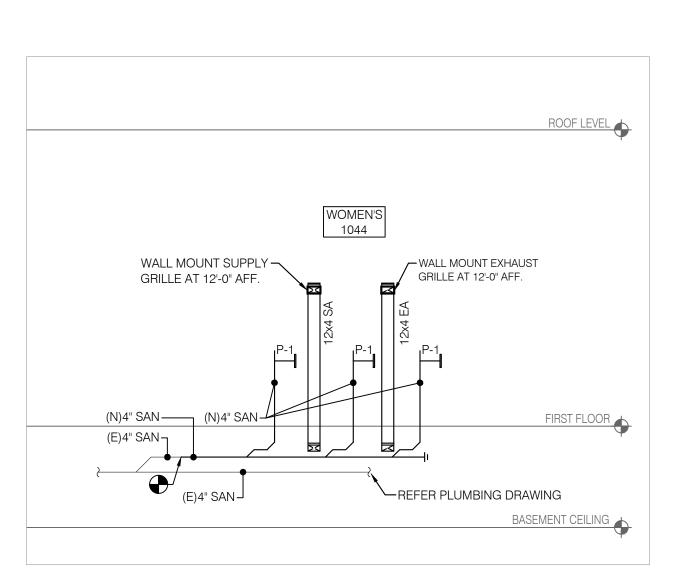






2

M-102.00





## GENERAL NOTES

- EXISTING WORK SHOWN IS BASED ON AVAILABLE DOCUMENTATION AND SPOT CHECKS ON SURVEY. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS AND COORDINATE WITH ENGINEER PRIOR TO PROCEEDING WITH WORK.
- THE DEMOLITION PLAN IS INTENDED TO PROVIDE THE CONTRACTOR WITH A GENERAL KNOWLEDGE OF THE EXISTING CONDITIONS WITHIN THE PROJECT AREA.
- CONTRACTOR SHALL SCHEDULE ALL WORK IN ACCORDANCE WITH OWNER'S REQUIREMENTS.
- . CONTRACTOR TO FIELD COORDINATE ALL REMOVAL/ STORAGE/DISPOSAL OF EXISTING EQUIPMENT WITH THE OWNER. CONTRACTOR TO COORDINATE WITH ARCHITECT AND STRUCTURAL ENGINEER TO PATCH AND REPAIR AREAS AFFECTED BY DEMOLITION
- . CONTRACTOR TO REINSTALL ALL THERMOSTATS OR SENSORS AFFECTED BY DEMOLITION.

WORK.

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#### DEMOLITION KEY NOTES (#)

REMOVE EXISTING DUCTWORK AND ALL ASSOCIATED AIR DEVICES ACCESSORIES/FITTINGS, INSULATION, HANGERS, SUPPORTS, ETC., WITHIN THE WORK AREA SHOWN.

EXISTING SUPPLY & EXHAUST DUCTS RUNNING IN CEILING BELOW TO REMAIN.

# SHEET KEY NOTES

PROVIDE WALL MOUNT SUPPLY AND EXHAUST GRILLE AT 12'-0" AFF. AND CONNECT TO THE RESPECTIVE MAIN DUCTS RUNNING IN BELOW PLENUM.

NEW SUPPLY AND EXHAUST DUCT RUNNING IN CEILING BELOW. CONTRACTOR TO COORDINATE WITH OTHER DISCIPLINES.

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## PHASE 2:

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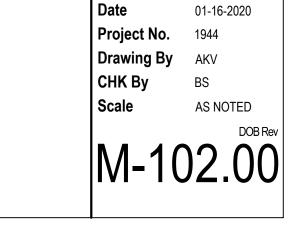
MEP Engineer

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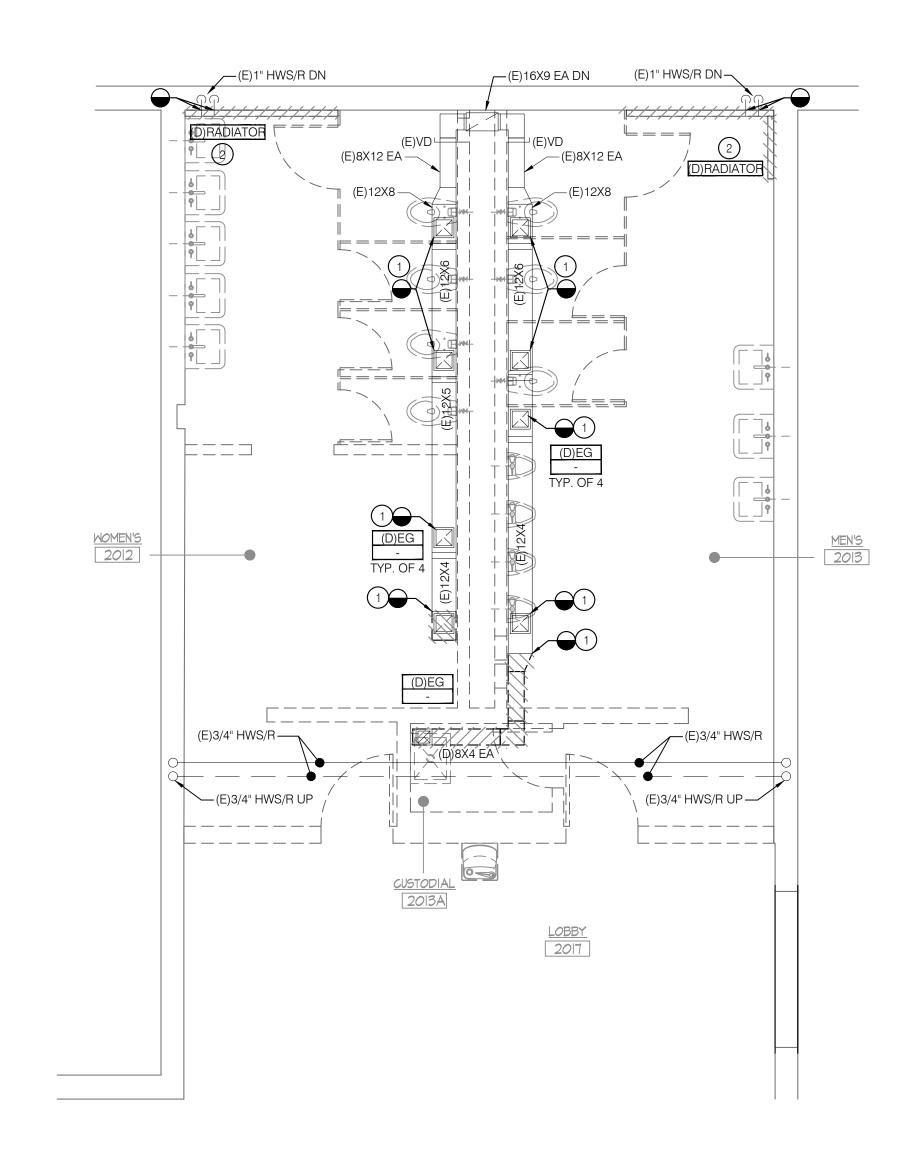
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KEY PLAN AREA OF WORK

DANCE INSTRUCTIONAL FACILITIES - MECHANICAL PLANS



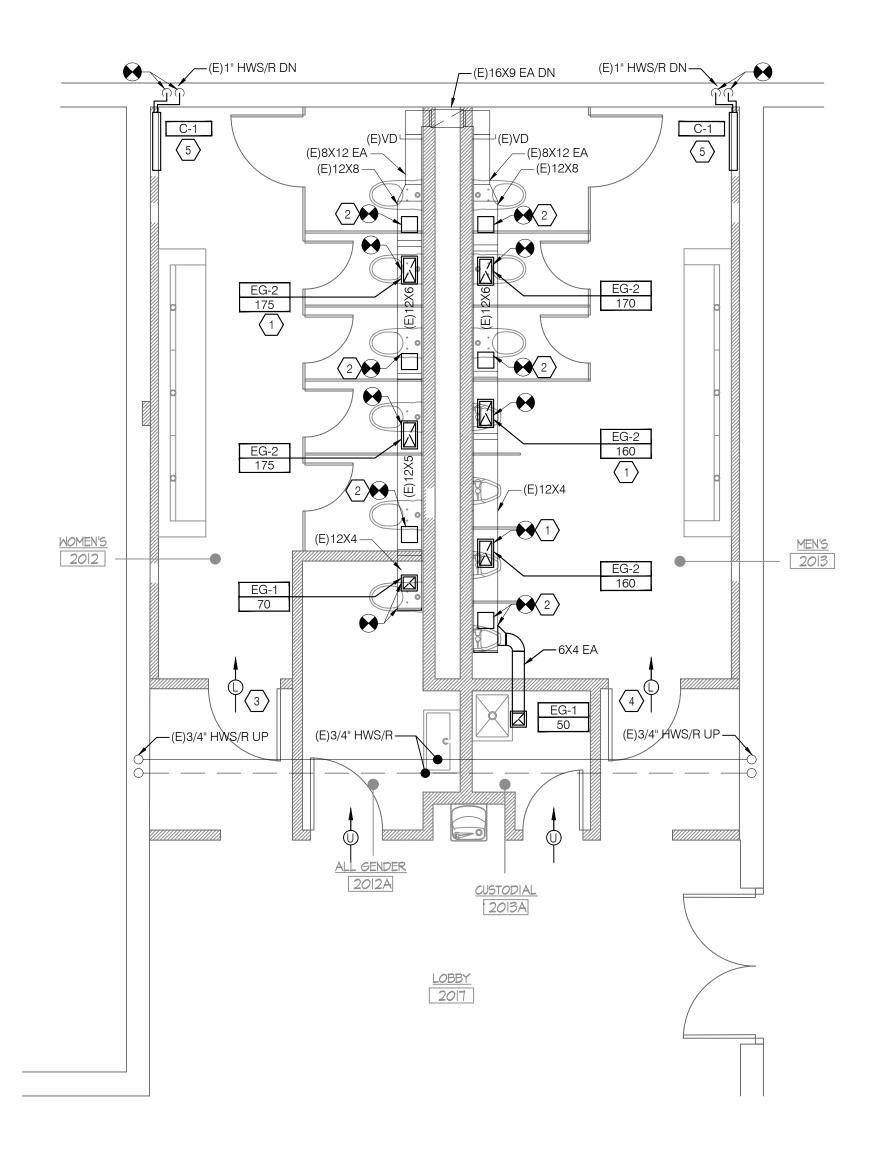
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## SECOND FLOOR PLAN - MECHANICAL REMOVALS

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





SECOND FLOOR PLAN - MECHANICAL NEW WORK SCALE: 1/4" = 1'-0"

## GENERAL NOTES

- EXISTING WORK SHOWN IS BASED ON AVAILABLE DOCUMENTATION AND SPOT CHECKS ON SURVEY. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS AND COORDINATE WITH ENGINEER PRIOR TO PROCEEDING WITH WORK.
- THE DEMOLITION PLAN IS INTENDED TO PROVIDE THE CONTRACTOR WITH A GENERAL KNOWLEDGE OF THE EXISTING CONDITIONS WITHIN THE PROJECT AREA.
- CONTRACTOR SHALL SCHEDULE ALL WORK IN ACCORDANCE WITH OWNER'S REQUIREMENTS.
- CONTRACTOR TO FIELD COORDINATE ALL REMOVAL/ STORAGE/DISPOSAL OF EXISTING EQUIPMENT WITH THE OWNER. CONTRACTOR TO COORDINATE WITH ARCHITECT AND STRUCTURAL ENGINEER TO PATCH AND REPAIR AREAS AFFECTED BY DEMOLITION
- . CONTRACTOR TO REINSTALL ALL THERMOSTATS OR SENSORS AFFECTED BY DEMOLITION.

WORK.

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#### DEMOLITION KEY NOTES (#)

REMOVE EXISTING EXHAUST GRILLE AND ASSOCIATED DUCTWORK, ACCESSORIES, FITTINGS, HANGERS AND SUPPORTS FROM POINT OF DISCONNECTION SHOWN.

REMOVE EXISTING RADIATOR AND ASSOCIATED PIPING, VALVES, SUPPORTS, CONTROLS ETC. PIPING SHALL BE REMOVED UP TO THE POINT OF DISCONNECTION SHOWN IN PLANS.

## SHEET KEY NOTES

- PROVIDE EXHAUST GRILLE AT THE LOCATION SHOWN AND
- COORDINATE WITH ARCH. RCP. (TYP.) . ALL UNUSED DUCT OPENINGS SHALL BE CAP AND SEALED AIR
- TIGHT. 3. PROVIDE DOOR LOUVER OF 0.7 SQ FT WITH 100% FREE AREA.
- 4. PROVIDE DOOR LOUVER OF 0.9 SQ FT WITH 100% FREE AREA.
- PROVIDE NEW WALL RECESSED CONVECTOR FOR CAPACITIES REFER TO DWG M-601.00. INSTALLATION AND CONTROLS TO MATCH BASE BUILDING STANDARDS. COORDINATE WITH BUILDING ENGINEER.

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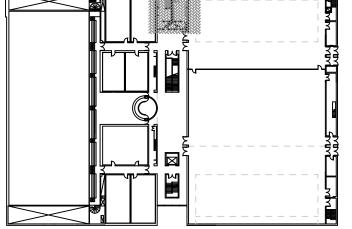
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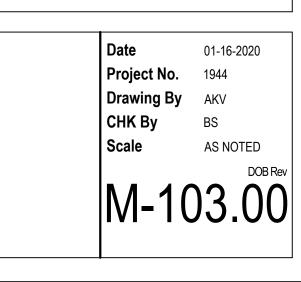
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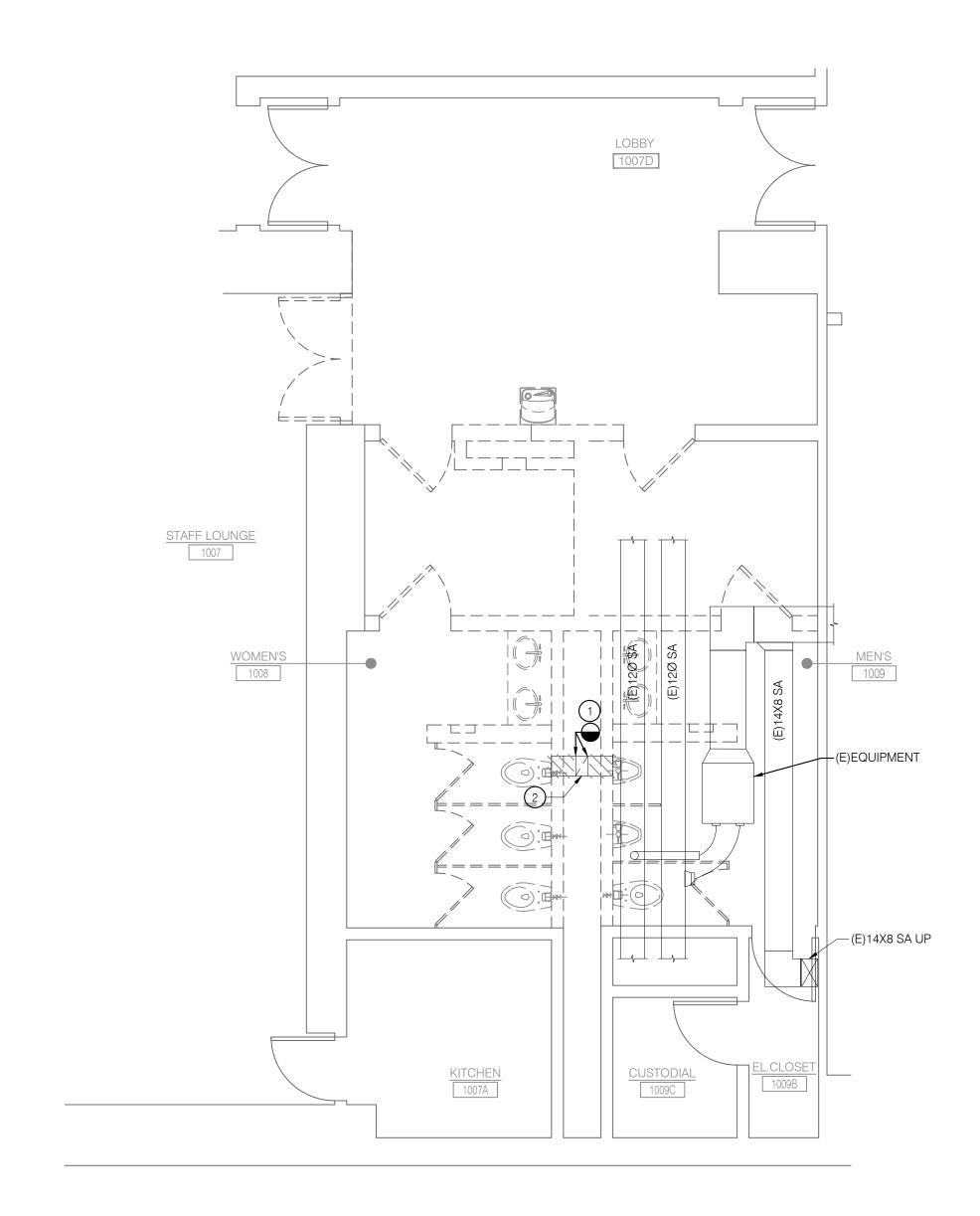
- AREA OF WORK KEY PLAN



## Title PHYSICAL EDUCATION -MECHANICAL PLANS



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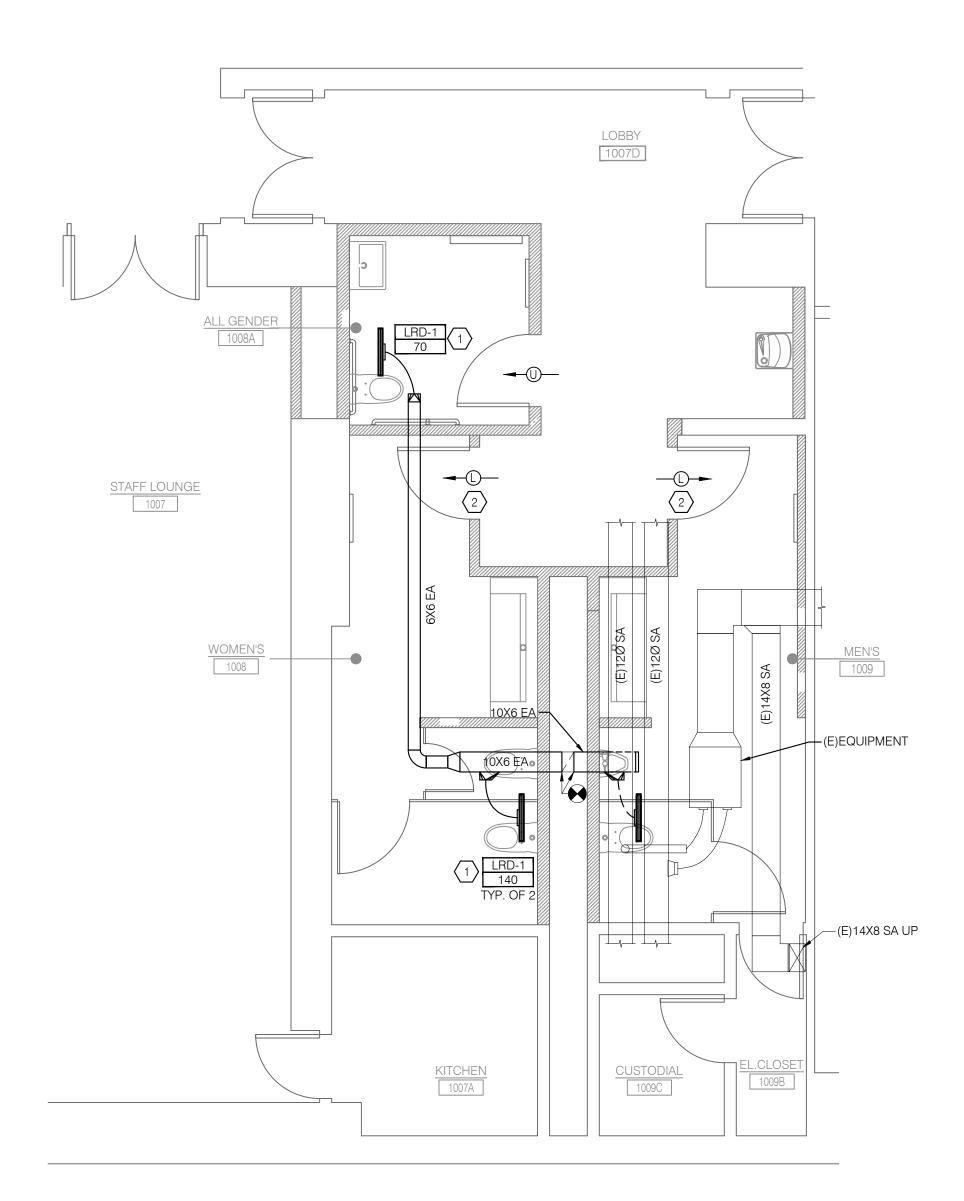




SCALE: 1/4" = 1'-0"

BASEMENT LEVEL PLAN - MECHANICAL REMOVALS

Plotted By: PAVAN.S.P Plot Date: 4/22/2022 5:28:20 PM





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

BASEMENT LEVEL PLAN - MECHANICAL NEW WORK

## GENERAL NOTES

- EXISTING WORK SHOWN IS BASED ON AVAILABLE DOCUMENTATION AND SPOT CHECKS ON SURVEY. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS AND COORDINATE WITH ENGINEER PRIOR TO PROCEEDING WITH WORK.
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- CONTRACTOR TO REINSTALL ALL THERMOSTATS OR SENSORS AFFECTED BY DEMOLITION.

#### DEMOLITION KEY NOTES #

- REMOVE EXISTING DUCTWORK AND ALL ASSOCIATED AIR DEVICES ACCESSORIES/FITTINGS, INSULATION, HANGERS, SUPPORTS, ETC., WITHIN THE WORK AREA SHOWN.
- . (E)10x6 EA DUCT DN TO REMAIN.

WORK.

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## SHEET KEY NOTES

- PROVIDE EXHAUST LINEAR DIFFUSER AT THE LOCATION SHOWN AND COORDINATE WITH ARCH. RCP. (TYP.).
- . PROVIDE DOOR LOUVER OF 0.3 SQ FT WITH 100% FREE AREA.

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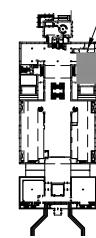
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MEP Engineer

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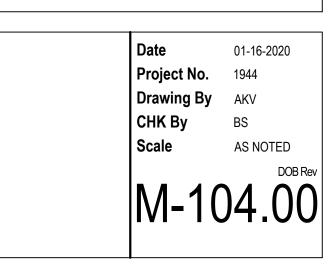
KEY PLAN



- AREA OF

WORK

Title LIBRARY BUILDING -MECHANICAL PLANS

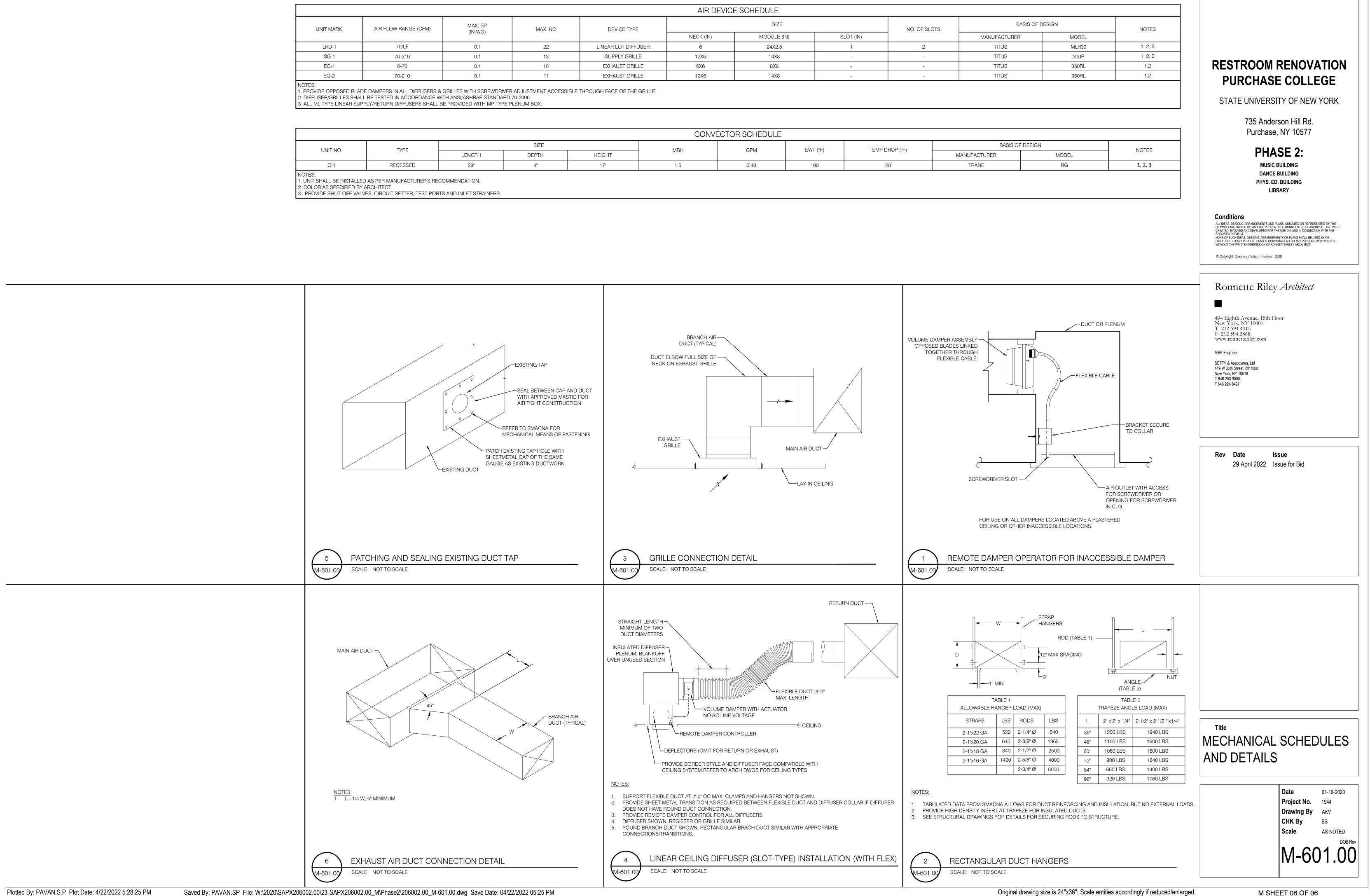


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AIR DEVICE SCHEDULE											
UNIT MARK	AIR FLOW RANGE (CFM)	MAX. SP	MAX. NC	DEVICE TYPE		NO. OF SLOTS					
		(IN WG)			NECK (IN)	MODULE (IN)	MODULE (IN) SLOT (IN)				
LRD-1	70/LF	0.1	22	LINEAR LOT DIFFUSER	6	24X2.5	1	2			
SG-1	70-210	0.1	13	SUPPLY GRILLE	12X6	14X8	-	-			
EG-1	0-70	0.1	10	EXHAUST GRILLE	6X6	8X8	-	-			
EG-2	70-210	0.1	11	EXHAUST GRILLE	12X6	14X8	-	-			
NOTES:	· · ·			· · ·					•		

I. PROVIDE OPPOSED BLADE DAMPERS IN ALL DIFFUSERS & GRILLES WITH SCREWDRIVER ADJUSTMENT ACCESSIBLE THROUGH FACE OF THE GRILLE. 2. DIFFUSER/GRILLES SHALL BE TESTED IN ACCORDANCE WITH ANSI/ASHRAE STANDARD 70-2006. 3. ALL ML TYPE LINEAR SUPPLY/RETURN DIFFUSERS SHALL BE PROVIDED WITH MP TYPE PLENUM BOX.

					CONV	ECTOR SCHEDULE			
			SIZE		MDLL	CDM	EWT (°F)	TEMP DROP (°F)	
UNIT NO	TYPE	LENGTH	DEPTH	HEIGHT	MBH	GPM			MANUF
C-1	RECESSED	29"	4"	17"	1.5	0.40	190	20	TI



Plotted By: PAVAN.S.P Plot Date: 4/22/2022 5:28:25 PM

ELECTRICAL GENERAL NOTES	ELEC	CTRICAL GENER
<ul> <li>ELECTRICAL GENERAL NOTES</li> <li>INSTALLATION OF ALL WORK SHALL BE IN ACCORDANCE WITH THE FOLLOWING REGULATIONS, CODES, ETC.</li> <li>A. LOCAL CODES AND ORDINANCES</li> <li>B. THE EDITION OF THE NATIONAL ELECTRICAL CODE NFPA 70 (NEC) IN EFFECT.</li> <li>CONTRACTOR TO PROVIDE SUFFICIENT NOTICE TO THE OWNER'S REPRESENTATIVE PRIOR TO ANY WORK TO ALLOW ADEQUATE TIME FOR COORDINATION OF EXISTING SITE ACTIVITIES WITH THE CONSTRUCTION WORK.</li> <li>CONTRACTOR TO INCLUDE IN THEIR SCOPE ALL LABOR, MATERIALS, SERVICES, APPARATUS AND SHOP DRAWINGS IN ADDITION TO THE CONTRACT DOCUMENTS AS REQUIRED TO COMPLY WITH ALL APPLICABLE GOVERNING LAWS, CODES AND JURISDICTION REQUIREMENTS. PROVIDE ELECTRICAL EQUIPMENT WITH ALL ASSOCIATED ACCESSORIES, BRANCH CIRCUIT WRING AND CONDUIT INFRASTRUCTURE AS REQUIRED TO ENSURE A COMPLETE AND OPERATIONAL SYSTEM.</li> <li>ALL MATERIALS AND WORK SHALL BE ACCORDING TO PROJECT SPECIFICATIONS.</li> <li>IF MATERIAL OR EQUIPMENT IS INSTALLED BEFORE IT IS APPROVED, THE CONTRACTOR SHALL BE LIABLE FOR ITS REMOVAL AND REPLACEMENT AT NO ADDITIONAL CHARGE IF IN THE OPINION OF THE ARCHITECT OR ENGINEER, THE MATERIAL OR EQUIPMENT DOES NOT MEET THE INTENT OF THE DRAWINGS AND/OR SPECIFICATIONS.</li> <li>REFER TO ARCHITECTURAL DRAWINGS FOR THE EXACT LOCATION, ELEVATION, MOUNTING HEIGHTS AND DETAILS OF ALL LIGHT FIXTURES AND DEVICES. REPORT ANY DISCREPANCIES TO THE ARCHITECT IMMEDIATELY.</li> <li>ALL NEW SLAB PENETRATIONS MUST BE X-RAYED OR RADAR PRIOR TO CORE DRILLING. OBTAIN APPROVAL FROM OWNER'S REPRESENTATIVE PRIOR TO ANY CORE DRILLING. OBTAIN APPROVAL FROM OWNER'S REPRESENTATIVE PRIOR TO ANY CORE DRILLING.</li> <li>PROVIDE FIRESTOPPING MATERIALS TO MAINTAIN INTEGRITY OF THE FIRE RATED CONSTRUCTION WHERE CONDULTS PASS THROUGH WALLS AND FLOORS.</li> </ul>	<ol> <li>GENERAL:         <ul> <li>A. BEFORE SUBM VISITING THE S CONSIDERATIO ALLEGED MISU HIS BID PRICE</li> <li>B. THE GENERAL RELOCATED IS</li> <li>C. ALL COMPONE MAY NOT BE SI COMPONENTS ADDITIONAL M REMOVED OR I OF SUPPLY IN INDICATED, NO PLACE.</li> <li>D. ABANDON ALL ABANDONED OC</li> </ul> </li> <li>DISPOSAL OF DEMO A. CONTRACTOR BUILDING OWN USABLE MATEF MATERIALS SH APPLICABLE SI</li> </ol>	ITTING THEIR BID, THE ELECTRICAL SITE TO VERIFY THE EXISTING COND ON OR ALLOWANCE WILL BE GRANT INDERSTANDING OF WORK TO BE P ALL LABOR AND MATERIAL THAT MA EXTENT OF EXISTING ELECTRICAL V INDICATED ON THE DRAWINGS. ENTS ASSOCIATED WITH SYSTEMS A PECIFICALLY INDICATED. REMOVE A INCLUDING BUT NOT LIMITED TO H ISCELLANEOUS ITEMS RELATED TO RELOCATED. REMOVE ALL ASSOCIA EXISTING CIRCUITS WHICH ARE TO D D EQUIPMENT, MATERIALS OR ASSO CONDUITS CONCEALED IN CONCR CONDUITS BACK TO SOURCE OF SU
<ul> <li>CONTRACTOR TO PROVIDE ALL LIGHT FIXTURE AND EQUIPMENT WITH INTEGRAL OR REMOTE MOUNTED ACCESSORY DEVICES WITH ALL NECESSARY COMPONENTS, BRANCH CIRCUIT WIRING AND CONDUITS TO ENSURE A COMPLETE AND OPERATIONAL SYSTEM. CONTRACTOR TO MAKE ALL FINAL CONNECTIONS TO THE EQUIPMENT.</li> <li>ELECTRICAL SYSTEMS SHALL BE GROUNDED PER ARTICLE 250 OF THE NATIONAL ELECTRICAL CODE.</li> <li>PROVIDE AN INSULATED EQUIPMENT GROUNDING CONDUCTOR IN ALL BRANCH CIRCUITS AND FEEDERS INSTALLED IN RACEWAYS. THE DEDICATED EQUIPMENT GROUNDING CONDUCTOR SHALL BE SIZED PER NEC SECTION 250.122. SOLE USE OF METAL RACEWAY AS A GROUNDING CONDUCTOR SHALL NOT BE ACCEPTABLE. WIRING METHODS SHALL BE IN ACCORDANCE WITH NEC SECTION 518.4 FOR ALL ASSEMBLY AREAS.</li> <li>PROVIDE RED COLOR LOCKABLE TYPE BREAKERS FOR CIRCUITS SERVING LIFE SAFETY PANEL BOARDS.</li> <li>NUMBER OF WIRES MAY NOT BE INDICATED FOR ALL CIRCUITS, ONLY THOSE WHERE CLARIFICATION IS NECESSARY. PROVIDE THE NUMBER AND SIZE AS NECESSARY FOR THE PROPER FUNCTION OF THE SYSTEM WHETHER SPECIFICALLY INDICATED ON PLAN OR NOT.</li> <li>UNLESS OTHERWISE NOTED, ALL CONDUCTORS SHALL BE #12 AWG MINIMUM. PROVIDE EACH CIRCUIT HOMERUN WITH A DEDICATED NEUTRAL CONDUCTOR AND INSULATED EQUIPMENT GROUNDING</li> </ul>	EXISTING MATE PROCESS SHA SPECIFICATION 4. TERMINATION AND A. DISCONNECT E WIRING BACK B. WHERE EXISTII CONSTRUCTIO CONSTRUCTIO CONSTRUCTIO C. THE CONTINUI REMAIN SHALL MAINTAIN THE	EXISTING EQUIPMENT AND DEVICES TO SOURCE OF SUPPLY. NG FLOORS, WALLS AND ROOFS MI IN PROCESS, PATCH THE CUT OR D
CONDUCTOR. 5. GANG ALL SWITCHES INSTALLED AT THE SAME LOCATION UNDER A SINGLE COVER PLATE. PROVIDE BARRIERS WITHIN THE SWITCH BACK BOX AS REQUIRED TO SEPARATE 120V CIRCUITS FROM 277V CIRCUITS.	FIRE ALAR	M SYMBOL LIST
IS NOT PERMITTED. PROVIDE ACCESS PANELS FOR ALL INACCESSIBLE JUNCTION BOXES AS REQUIRED BY THE N.E.C. CONTRACTOR TO TSTATH OF VERICY THE CAPACITY OF THE EXISTING SPIEM ALAMM SYSTEM SERVING BUILDING ANY DEPICIPACIES IDENTIFIED WITHIN THE EXISTING SYSTEM. SUBMIT ASSOCIATED COSTS FOR OWNERS APPROVAL TO PERPLACE AND/OPERATORAL SYSTEM. ELECTRICAL COURDENT A SSOCIATED WITH THEIR RESPECTIVE TRADES WITH NECESSARY WIRING AND COMPONENT ASSOCIATED WITH THEIR RESPECTIVE TRADES WITH NECESSARY WIRING AND CONDUCT MARSTRUCTURE FOR ALL SENSORS, CONTROL SYSTEMS AND REMOTE MOUNTED CONTROL AND CONDUCT MARSTRUCTURE FOR ALL SENSORS, CONTROL SYSTEMS AND REMOTE MOUNTED CONTROL AND CONDUCT MARSTRUCTURE FOR ALL SENSORS, CONTROL SYSTEMS AND REMOTE MOUNTED CONTROL AND CONTRACTOR TO PROVIDE DEDICATED CIRCUIT FOR CONNECTION TO EACH MECHANICAL. FLUMBING AND MISCELLANEOUS EQUIPMENT CONTROL PANELS AS REQUIRED. COORDINATE EXACT LOCATION AND CONNECTION FOOLINES FOR WORK IS A DAVID INTERFERENCE BETWEEN ALL TRADES A DETERMINE INTERFERENCE BEFORE WORK IS A DAVID INTERFERENCE BETWEEN ALL TRADES A DETERMINE INTERFERENCE BEFORE WORK IS ADSOLUTED OF INSTALLED. THE CONTRACTOR SHALL BETHOROUGHLY FAMILIAR WITH ALL DETAILS OF WORK AAD WORKING GONDINGS AND COORDINATE WORK DURING PARAMINAL DETAILS OF WORK AAD WORKING GONDINGS AND COORDINATE WORK DURING PREAMMANTY STAGES TO ENSURE ACTUAL ERECTION WILL PROCEED WITHOUT INTERFERENCE COORDINATION IS OF PARAMINOUNT IMPORTANCE AND RECOVERS FOR ADDITIONAL PARAMENT WILL BE CONSIDERED WHERE REQUEST IS BASED ON THEREFERENCE. B WIELDS DO CONTONNE COORDINATE CONTRACTOR MARC DEVARTORS WITHOUT ADDITIONAL COST TO OWNER, AFTER OBTAINING APPROVAL OF ADDITIONAL PARAMENT WILL BE CONSIDERED WHERE REQUEST AND OCONTRACT CONTROL CONSTRUCTION MARC DEVARTORS WORK AND WORK ADD WORK AND WORK AND WORK AND WORK AND WORK AND MODILED COERSENSITY PROVIDED THEY ARE APR	EATC FATC	CEILING,WALL MOUNTED FIRE A COMPLIANT NUMBER DENOTES MOUNTING HEIGHT FROM 80" U CEILING,WALL MOUNTED FIRE A DENOTES CANDELA INTENSITY A MAXIMUM OF 96" AFF FIRE ALARM TERMINAL CABINE FIRE ALARM TERMINAL CABINE F

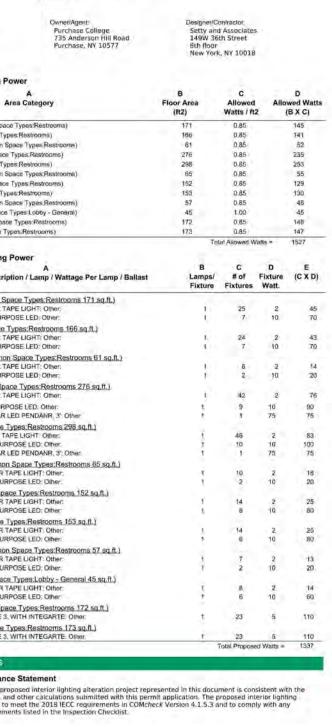
# RAL DEMOLITION NOTES

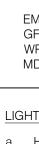
- L CONTRACTOR SHALL BE RESPONSIBLE FOR DITIONS AND SCOPE OF WORK AREA. NO TED FOR FAILURE TO VISIT THE SITE, NOR FOR ANY PERFORMED. THE CONTRACTOR SHALL INCLUDE IN AY AFFECT HIS WORK.
- WORK TO BE DISMANTLED AND REMOVED OR
- AND EQUIPMENT TO BE REMOVED OR RELOCATED ALL ASSOCIATED ELECTRICAL ACCESSORIES AND HANGERS, WIRING, CONDUIT, BOXES AND ALL D THE EXISTING EQUIPMENT INDICATED TO BE ATED WIRING AND CONDUIT BACK TO THE SOURCE BE DEMOLISHED. UNLESS SPECIFICALLY DCIATED COMPONENTS SHALL BE ABANDONED IN
- RETE WALLS OR SLABS. REMOVE ALL WIRING FROM JPPLY.
- AT THE END OF EACH WORKING DAY. NOTIFY THE LISHED MATERIALS TO ALLOW SALVAGE OF ANY HE OWNER'S REPRESENTATIVE, ALL UNUSED SITE WITH DISPOSAL IN ACCORDANCE WITH
- ENT, DEVICES AND MATERIALS TO REMAIN. ANY DURING THE COURSE OF THE CONSTRUCTION AND EQUIPMENT CONFORMING TO EXISTING E OWNER.
- S WITH ASSOCIATED ACCESSORIES, CONDUIT AND
- UST BE CUT OR ARE DAMAGED DURING THE DAMAGED AREAS TO MATCH THE ADJACENT
- D FEEDERS SERVICING AREAS AND EQUIPMENT TO STING CIRCUITS IF REQUIRED IN ORDER TO
- ND RETURNED TO THE COLLEGE.
- ALARM COMBINATION AUDIO (HORN)/VISUAL DEVICE, ADA S CANDELA INTENSITY RATING, MINIMUM 15cd, UP TO A MAXIMUM OF 96" AFF
- ALARM VISUAL DEVICE (STROBE), ADA COMPLIANT NUMBER / RATING, MINIMUM 15cd, MOUNTING HEIGHT FROM 80" UP TO

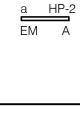
# ELECTRICAL SYMBOL LIST (STANDARD SYMBOLS ONLY, ALL SYMBOLS MAY NOT BE APPLICABLE TO THIS PROJECT)

	E LIGHTING FIXTURE SCHEDULE ON DRAWING E-501.00 FOR LIGHTING FIXTURE SPECIFICATIONS. TAIL ON DRAWING E-701.00 FOR TYPICAL DEVICE MOUNTING HEIGHTS.
∞/ 🔊	EXIT SIGN LIGHTING FIXTURES ON EMERGENCY LIGHTING CIRCUIT
	TYPICAL INTERIOR LIGHTING FIXTURES
EM	TYPICAL INTERIOR LIGHTING FIXTURES ON EMERGENCY LIGHTING CIRCUIT, FIXTURES MAY HAVE THE FOLLOWING SUBSCRIPTS: EM : EMERGENCY NL : NIGHT LIGHT IB : INTEGRAL BATTERY PACK
₽/ ₱	WALL-MOUNTED DUPLEX OR QUAD RECEPTACLE, 20A, 125V, NEMA 5-20R
\$ <sub>K</sub>	SINGLE POLE KEY OPERATED SWITCH. LOWERCASE LETTER SWITCHES MAY HAVE THE FOLLOWING SUBSCRIPTS:
	a :LOWER CASE SUBSCRIPT INDICATES LIGHTING ZONE IDENTIFICATION.
€M BM	CEILING MOUNTED LOW VOLTAGE OCCUPANCY SENSOR CONFIGURED AS AUTO-ON, AUTO OFF, CONFIGURE TIME-OUT SETTING FOR 20 MINUTES UNLESS OTHERWISE NOTED, DEVICES MAY HAVE THE FOLLOWING SUBSCRIPTS: a,b : LIGHTING ZONE(S) CONTROLLED BY SENSOR
2 <sup>1</sup> 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	WALL/CEILING MOUNTED LOW VOLTAGE VACANCY SENSOR SWITCH CONFIGURED AS MANUAL ON, AUTO OFF, CONFIGURE TIME-OUT SETTING FOR 20 MINUTES. UNLESS OTHERWISE NOTED, DEVICES MAY HAVE THE FOLLOWING SUBSCRIPTS: 2 : DUAL SWITCH a,b :LIGHTING ZONE(S) CONTROLLED BY SENSOR. IF NO LETTER SHOWN, SWITCH SHALL CONTROL ALL LIGHT FIXTURES IN THE ROOM
<b>★</b> WC	WALL CORNER MOUNTED OCCUPANCY SENSOR
HO) (	WALL/CEILING/FLOOR MOUNTED JUNCTION BOX. JUNCTION BOXES MAY HAVE THE FOLLOWING SUBSCRIPTS TO INDICATE THE FUNCTIONAL PURPOSE: HD :HAND DRYER SD :SOAP DISPENSER
	120/208V ELECTRICAL PANEL
	480/277V ELECTRICAL PANEL
PANEL-XX	CIRCUIT NUMBER DESIGNATION FEEDING ELECTRICAL DEVICES, FIXTURES AND EQUIPMENT. UNLESS OTHERWISE NOTED, INSTALL ALL 20A-1P CIRCUITS WITH 2 #12 AWG + 1 #12 AWG G IN 3/4" CONDUIT: PANEL : INDICATES THE PANEL NAME XX : INDICATES THE CIRCUIT NUMBER
$\langle 2 \rangle$	KEYED DRAWING NOTE
INV-2	MICRO INVERTERS FOR THE EMERGENCY LIGHTS

# eck Software Version 4.1.5.3 or Lighting Compliance Certificate







SHEET

1

### ABBREVIATIONS (NOTE : ALL ABBREVIATIONS MAY NOT APPEAR ON THE DRAWINGS)

AMPERE AMERICANS WITH DISABILITIES ACT ABOVE FINISHED FLOOR ALUMINUM AUTOMATIC TRANSFER SWITCH AMERICAN WIRE GAUGE

CONDUIT CIRCUIT BREAKER COPPER

Α

ADA

AFF

ATS

AWG

AL

С

CB

CU

D

DISC. SW.

DWG

E, EX

FAAP

FACP

FATC

FASP

FLA

G

GFI

ΗP

IG

IB

KVA

KW

LM

MCB

MLO

MDP

NEC NFSS

NL NTS

PH, Ø

PNL

R

RR

SD

S/N

SPD SWBD

XFMR

TYP.

UON

V

W

WP

Ν

GRS

EM EMT EXISTING TO BE DEMOLISHED DISCONNECT SWITCH DRAWING

EXISTING TO REMAIN DEVICE ON EMERGENCY CIRCUIT ELECTRICAL METALLIC TUBING

FIRE ALARM ANNUNCIATOR PANEL FIRE ALARM CONTROL PANEL FIRE ALARM TERMINAL CABINET FIRE ALARM SMOKE PURGE PANEL FULL LOAD AMPS

GROUND GROUND FAULT INTERRUPTER GALVANIZED RESISTIVE CONDUIT

HORSE POWER

ISOLATED GROUND INTEGRAL BATTERY PACK

KILOVOLT-AMPS KILOWATT

LUMEN

MAIN CIRCUIT BREAKER MAIN LUGS ONLY MAIN DISTRIBUTION PANEL

NEW NATIONAL ELECTRICAL CODE NON FUSED SAFETY SWITCH NIGHT LIGHT FIXTURE NOT TO SCALE

POLE PHASE PANEL

RELOCATED AT NEW LOCATION REMOVE AND RELOCATE

SOAP DISPENSER SOLID NEUTRAL SURGE PROTECTIVE DEVICE SWITCHBOARD

TRANSFORMER TYPICAL

UNLESS OTHERWISE NOTED

VOLTS

WATTS WEATHERPROOF

## SUBSCRIPTS

RECEPTACLE OUTLETS AND JUNCTION BOX DEVICES MAY BE INDICATED WITH THE FOLLOWING SUBSCRIPTS:

EM : RECEPTACLE ON EMERGENCY POWER

GFI : GROUND FAULT INTERRUPTER

WP : WEATHER PROOF OUTLET WITH PROTECTIVE IN-USE COVER MD : MOTORIZED DAMPER

LIGHT FIXTURE SUBSCRIPT DETAIL:

LIGHT FIXTURES MAY BE INDICATED WITH THE FOLLOWING SUBSCRIPTS:

- A : UPPER CASE SUBSCRIPT INDICATES LIGHT FIXTURE IDENTIFICATION TAGa : LOWER CASE SUBSCRIPT INDICATES LIGHTING ZONE IDENTIFICATION
- HP-2 : PANEL NAME AND CIRCUIT NUMBER SERVING LIGHT FIXTURE

ELECTRICAL DRAWING LIST

Sheet Number	Sheet Title
E-001.00	GENERAL NOTES, SYMBOLS & ABBREVIATIONS
E-101.00	MUSICAL INSTRUCTIONAL FACILITIES - ELECTRICAL PLANS
E-102.00	DANCE INSTRUCTIONAL FACILITIES - ELECTRICAL PLANS
E-103.00	PHYSICAL EDUCATION - ELECTRICAL PLANS
E-104.00	LIBRARY BUILDING - ELECTRICAL PLANS
E-501.00	ELECTRICAL RISER DIAGRAMS
E-502.00	FIRE ALARM RISER DIAGRAMS AND SCHEDULES
E-601.00	ELECTRICAL SCHEDULES
E-602.00	ELECTRICAL SCHEDULES
E-603.00	ELECTRICAL SCHEDULES
E-604.00	ELECTRICAL SCHEDULES
E-701.00	ELECTRICAL DETAILS
E-702.00	ELECTRICAL DETAILS

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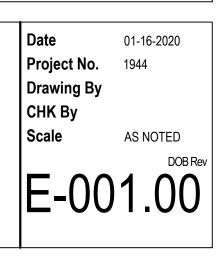
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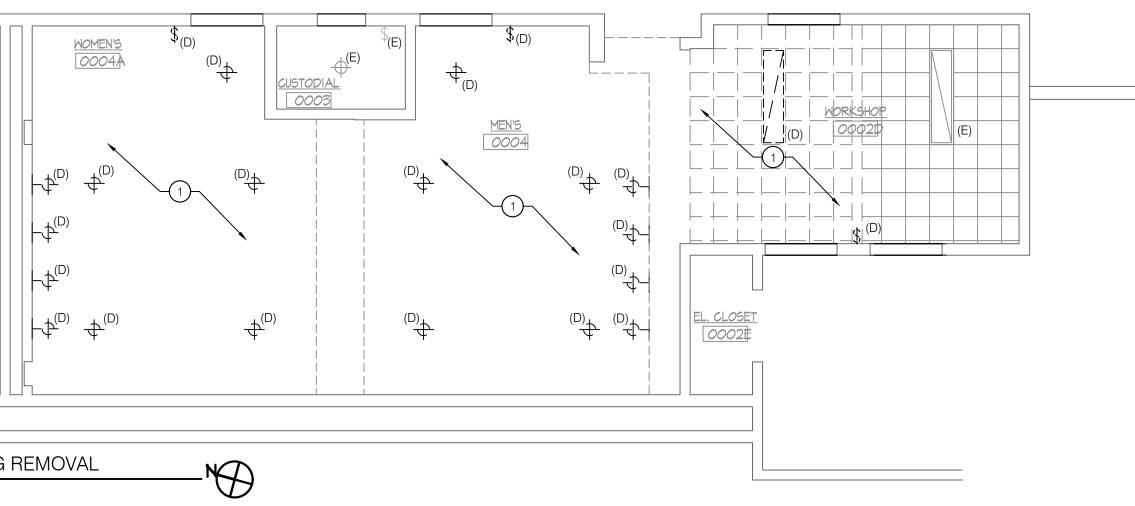
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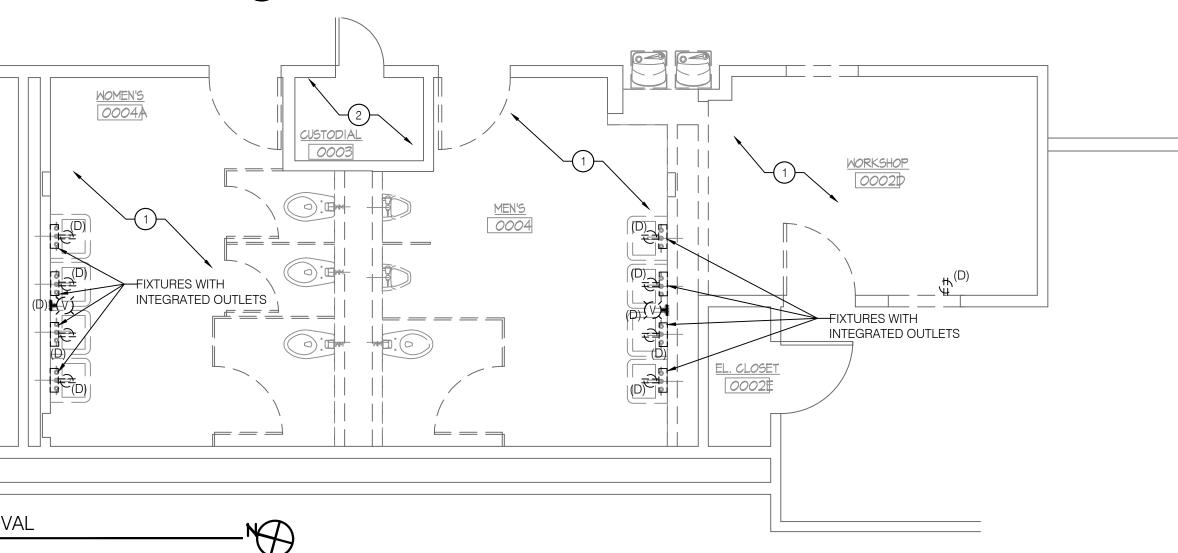
GENERAL NOTES, SYMBOLS & ABBREVIATIONS





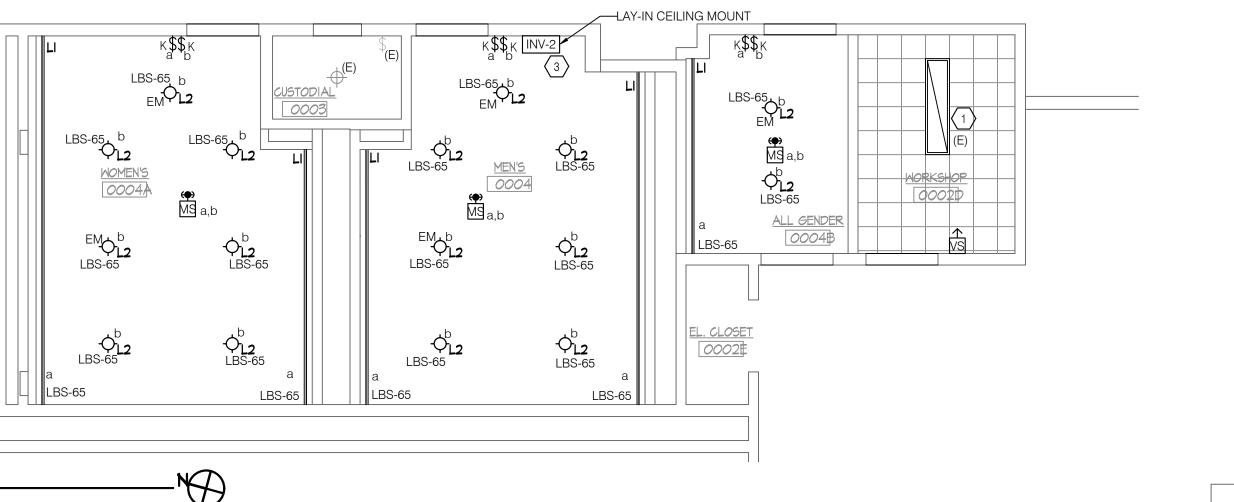


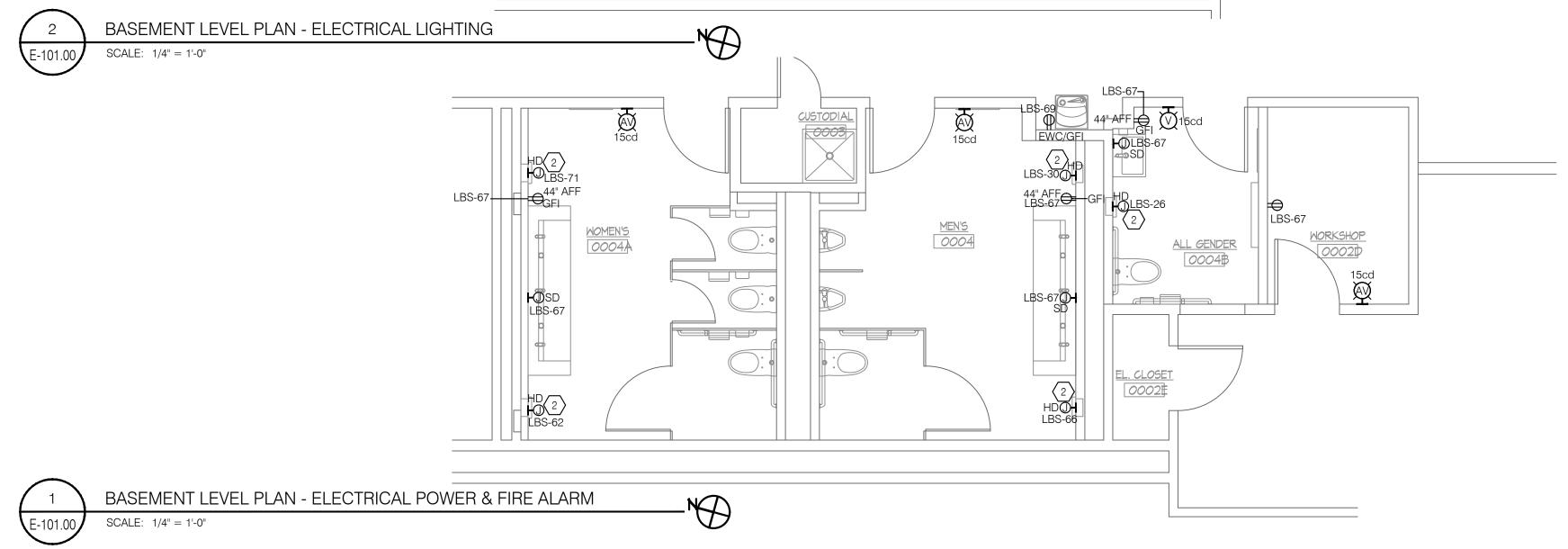
BASEMENT LEVEL PLAN - ELECTRICAL LIGHTING REMOVAL SCALE: 1/4" = 1'-0"

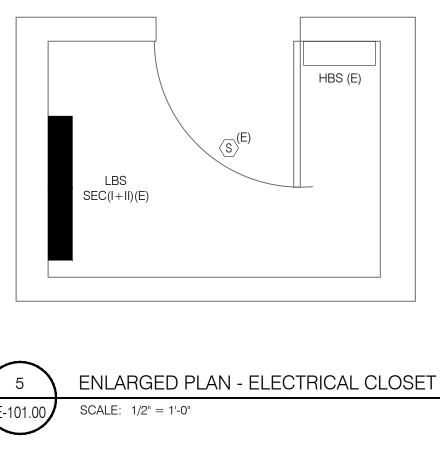




BASEMENT LEVEL PLAN - ELECTRICAL REMOVAL SCALE: 1/4" = 1'-0"







## GENERAL NOTES

- 1. REFER TO THE ELECTRICAL COVER SHEET DRAWING FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS.
- 2. UNLESS OTHERWISE NOTED, DEMOLISH ALL EXISTING ELECTRICAL AND FIRE ALARM DEVICES AND EQUIPMENT SHOWN OR NOT SHOWN ON PLANS AT DEMOLISHED WALL, CEILING AND FLOOR SECTIONS THROUGHOUT THE AREA OF WORK. ABANDON CONCEALED EXISTING CONDUITS INSTALLED IN CONCRETE WALLS OR SLABS.
- 3. FOR ALL DEMOLISHED EQUIPMENT AND DEVICES, REMOVE ALL ASSOCIATED ACCESSORIES, BRANCH CIRCUIT WIRING AND CONDUIT BACK TO SOURCE OF SUPPLY.
- 4. REFER TO ARCHITECTURAL DRAWINGS TO VERIFY THE ELEVATIONS, DETAILS, LOCATION, MOUNTING HEIGHTS AND ADDITIONAL INFORMATION PRIOR TO THE ROUGH-IN OF ELECTRICAL OUTLETS, DEVICES AND FIRE ALARM DEVICE INSTALLATION LOCATIONS.
- 5. COORDINATE WITH CONTRACT DOCUMENTS FOR ALL OTHER DISCIPLINES AND TRADES FOR EXACT LOCATION OF ASSOCIATED EQUIPMENT.
   5. THE CONTINUE DECIDENT OF EXISTING OF E
- 6. THE CONTINUITY OF EXISTING CIRCUITS SERVING EXISTING DEVICES AND EQUIPMENT, EXISTING FIRE ALARM INITIATING DEVICE, NOTIFICATION APPLIANCE, SIGNALING LINE CIRCUITS AND FIXTURES TO REMAIN SHALL BE MAINTAINED.
- 7. ALL NEW OUTLETS, DEVICES AND FIRE ALARM DEVICES MUST BE FLUSH MOUNTED WITH CONCEALED CONDUITS. ANY SURFACE MOUNTED OUTLETS, DEVICES AND CONDUITS IN THE SCOPE OF WORK AREA MUST BE APPROVED BY THE ARCHITECT PRIOR TO INSTALLATION.
- 8. ALL REUSED CIRCUIT NUMBERS INDICATED ON PLAN ARE BASED ON EXISTING DOCUMENTS AND MAY NOT MATCH THE AS-BUILT CONDITION OF THE EXISTING CIRCUITS SERVING THE AREA. CONTRACTOR TO VERIFY AND UPDATE THE CIRCUIT NUMBERS UTILIZED DURING CONSTRUCTION.
- 9. ALL NEW FIRE ALARM DEVICES MUST BE COMPATIBLE WITH AND CONNECTED TO THE EXISTING FIRE ALARM SYSTEM, ZONED BY FLOOR. EXTEND EXISTING WIRING AND CONDUIT FOR RELOCATED DEVICES TO NEW LOCATIONS AS REQUIRED.
- 10. WHERE MORE THAN TWO VISUAL (STROBE) NOTIFICATION APPLIANCES ARE IN THE FIELD OF VIEW, THEY SHALL FLASH IN SYNCHRONIZATION. PROVIDE EXTERNAL SYNC MODULE OR SYNC PROTOCOL BUILT IN TO THE FIRE ALARM CONTROL PANEL.
- 11. LOCATION OF FIXTURES AND DEVICES SHOWN ON PLANS ARE DIAGRAMMATIC ONLY. REFER TO ARCHITECTURAL DRAWINGS TO VERIFY THE ELEVATIONS, DETAILS, LOCATION, MOUNTING HEIGHTS AND ADDITIONAL INFORMATION PRIOR TO THE ROUGH-IN OF ELECTRICAL FIXTURES AND DEVICES.
- 12. AT THE COMPLETION OF CONSTRUCTION, CLEAN LENSES AND REFLECTORS OF ALL LIGHTING FIXTURES IN THE CONTRACT AREA AND RENDER THEM FREE OF ANY MATERIAL, SUBSTANCE OR FILM FOREIGN TO THE FIXTURES. BLEMISHED, DAMAGED OR UNSATISFACTORY FIXTURES ARE TO BE REPLACED IN A SATISFACTORY MANNER.
- 13. ALL EMERGENCY LIGHTS AND EXIT SIGNS TO BE PROVIDED WITH INTEGRAL OR REMOTE EMERGENCY BATTERY PACK.
- 14. CLEAN, RE-LAMP AND RE-BALLAST ALL EXISTING TO REMAIN AND RELOCATED LIGHTING FIXTURES IN THE CONTRACT AREA AS REQUIRED. CONTRACTOR TO ENSURE THAT ALL REUSED FIXTURES ARE IN WORKING CONDITION. ALL EXISTING DEVICES TO REMAIN ARE TO BE PROTECTED FROM DAMAGE THROUGHOUT THE CONSTRUCTION PROCESS.
- 15. UNLESS OTHERWISE NOTED, IN THE SCOPE OF WORK AREA, ALL ELECTRICAL OUTLETS, DEVICES, FIRE ALARM DEVICES, LIGHT FIXTURES AND CONTROL DEVICES SHOWN WITH A SUBSCRIPT "N" OR WITHOUT ANY SUBSCRIPT ARE NEW TO BE PROVIDED. DEVICES SHOWN WITH A SUBSCRIPT "E" INDICATE EXISTING EQUIPMENT TO REMAIN. DEVICES SHOWN WITH A SUBSCRIPT "D" AND DASHED LINE INDICATE EXISTING EQUIPMENT TO DEMOLISHED.

## DEMOLITION KEY NOTES

UNLESS OTHERWISE NOTED, ALL ELECTRICAL DEVICES, CONDUITS, WIRING/BOXES, LIGHTING FIXTURE, SWITCHING SCHEME INCLUDING ALL TELEPHONE/DATA, RECEPTACLES (WALL/CEILING/FLOOR) SERVING THIS AREA ARE TO BE DEMOLISHED. MAINTAIN EXISTING CIRCUIT WIRING FROM LIGHTING FIXTURES FOR REUSE. ALL OTHER WIRING DEVICES, CONDUIT, AND FEEDERS SHALL BE REMOVED BACK TO SOURCE.

2. UNLESS AND OTHERWISE NOTED, ALL EXISTING ELECTRICAL AND FIRE ALARM DEVICES IN THIS AREA ARE EXISTING TO REMAIN.

## SHEET KEY NOTES

- 1. REWIRE CIRCUITING TO ACCOMMODATE THE NEW LIGHTING CONTROL LAYOUT.
- 2. PROVIDE AUTOMATIC THERMAL-OVERLOAD SWITCH FOR DISCONNECTING MEANS.

 $\langle \# \rangle$ 

 PROVIDE INVERTER FOR EMERGENCY LIGHT FIXTURES IN THIS FLOOR WITH 50W POWER REQUIREMENT FOR 1.5 HOUR. INVERTERS SHALL BE PROVIDED WITH TEST AND LED-CHARGE INDICATORS. MANUFACTURER BASIS OF DESIGN: MYERS EMERGENCY POWER SYSTEMS.

## RESTROOM RENOVATION PURCHASE COLLEGE

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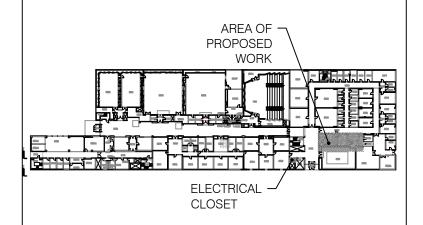
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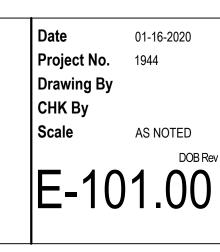
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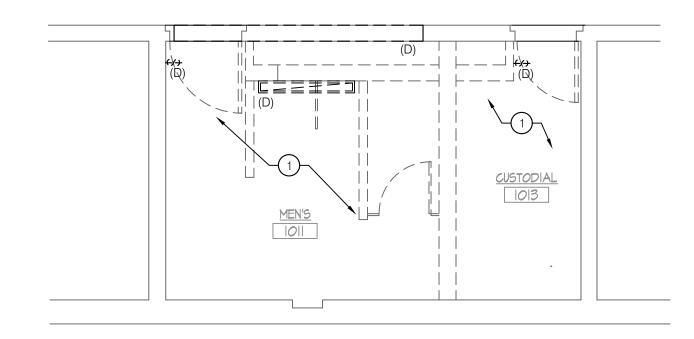
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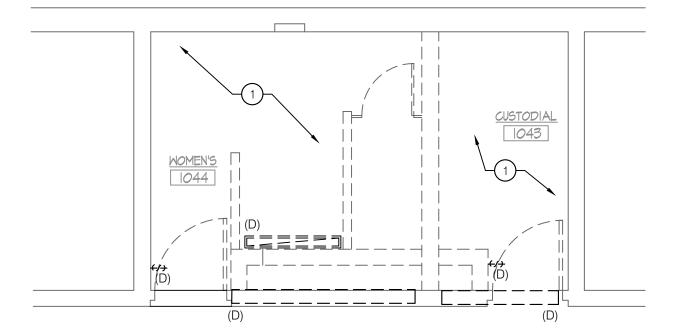
KEY PLAN



# MUSICAL INSTRUCTIONAL FACILITIES - ELECTRICAL PLANS

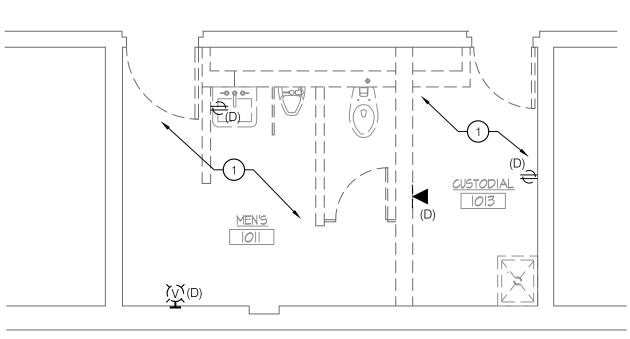


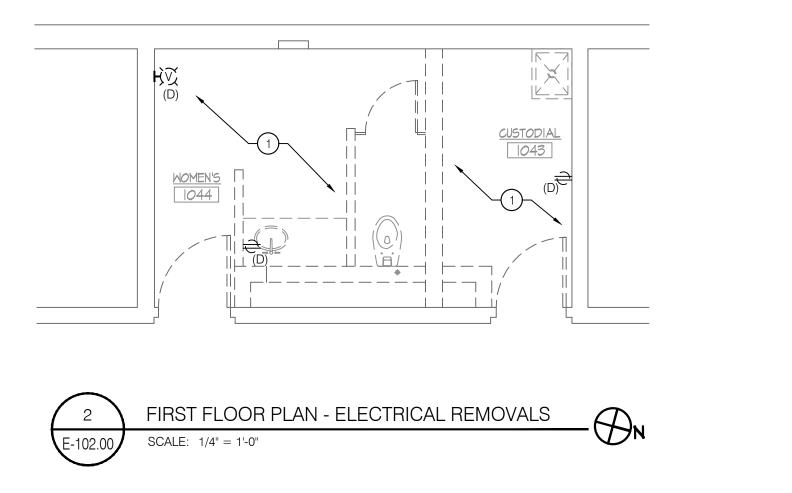




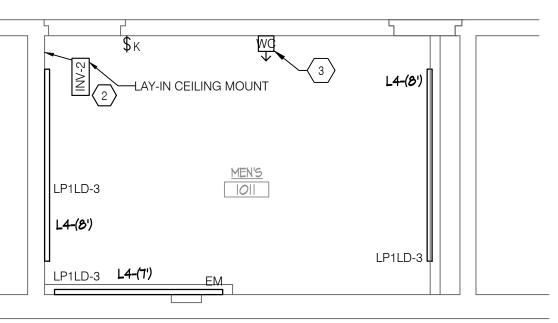


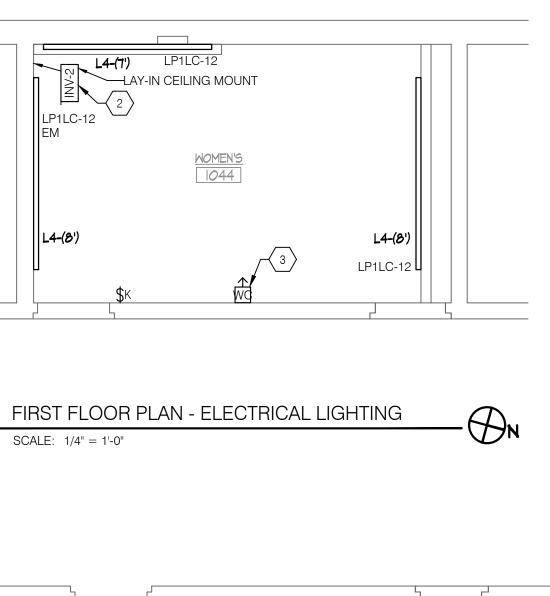
FIRST FLOOR PLAN - ELECTRICAL LIGHTING REMOVALS



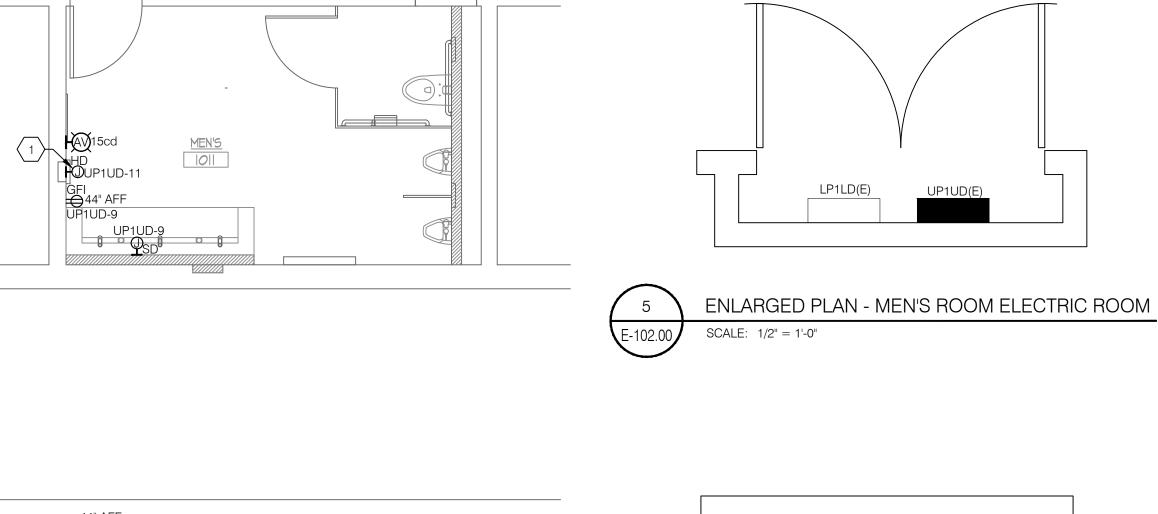


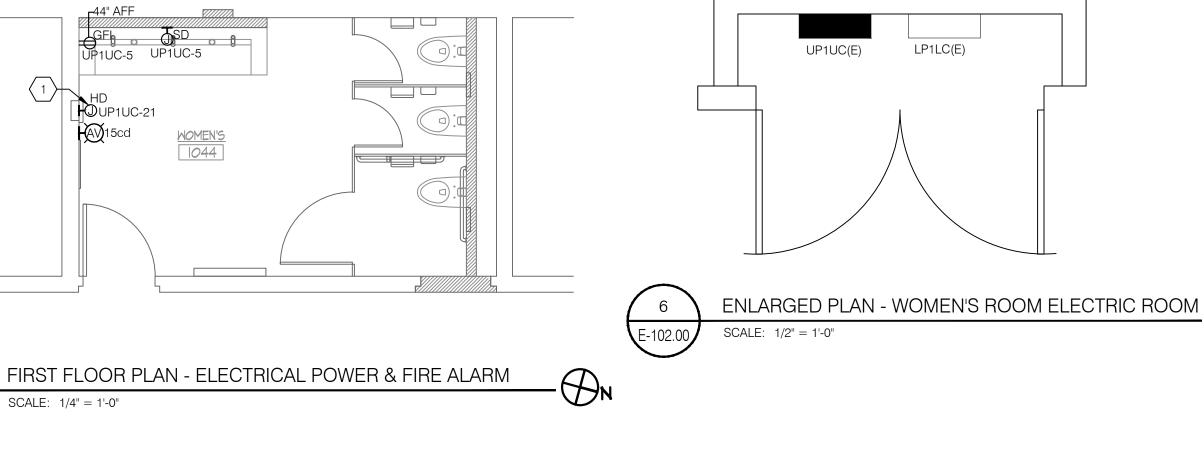
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# GENERAL NOTES

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- 8. ALL REUSED CIRCUIT NUMBERS INDICATED ON PLAN ARE BASED ON EXISTING DOCUMENTS AND MAY NOT MATCH THE AS-BUILT CONDITION OF THE EXISTING CIRCUITS SERVING THE AREA. CONTRACTOR TO VERIFY AND UPDATE THE CIRCUIT NUMBERS UTILIZED DURING CONSTRUCTION.
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- 12. AT THE COMPLETION OF CONSTRUCTION, CLEAN LENSES AND REFLECTORS OF ALL LIGHTING FIXTURES IN THE CONTRACT AREA AND RENDER THEM FREE OF ANY MATERIAL, SUBSTANCE OR FILM FOREIGN TO THE FIXTURES. BLEMISHED, DAMAGED OR UNSATISFACTORY FIXTURES ARE TO BE REPLACED IN A SATISFACTORY MANNER.
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### DEMOLITION KEY NOTES

. UNLESS OTHERWISE NOTED, ALL ELECTRICAL DEVICES, CONDUITS, WIRING/BOXES, LIGHTING FIXTURE, SWITCHING SCHEME INCLUDING ALL TELEPHONE/DATA, RECEPTACLES (WALL/CEILING/FLOOR) SERVING THIS AREA ARE TO BE DEMOLISHED. MAINTAIN EXISTING CIRCUIT WIRING FROM LIGHTING FIXTURES FOR REUSE. ALL OTHER WIRING DEVICES, CONDUIT, AND FEEDERS SHALL BE REMOVED BACK TO SOURCE.

### SHEET KEY NOTES

1. PROVIDE AUTOMATIC THERMAL-OVERLOAD SWITCH FOR DISCONNECTING MEANS.

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- 2. PROVIDE INVERTER FOR EMERGENCY LIGHT FIXTURES IN THIS ROOM WITH 50W POWER REQUIREMENT FOR 1.5 HOUR. INVERTERS SHALL BE PROVIDED WITH TEST AND LED-CHARGE INDICATORS. MANUFACTURER BASIS OF DESIGN: MYERS EMERGENCY POWER SYSTEMS.
- 3. ARCHITECT TO CONFIRM MOUNTING HEIGHT OF OCCUPANCY SENSOR. OCCUPANCY SENSOR TO BE MOUNTED AT A ELEVATION HIGHER THAN THE STALL DOORS.

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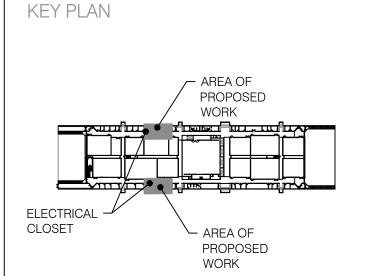
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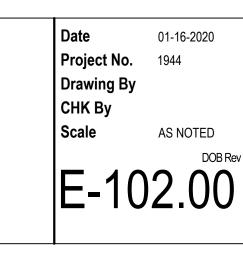
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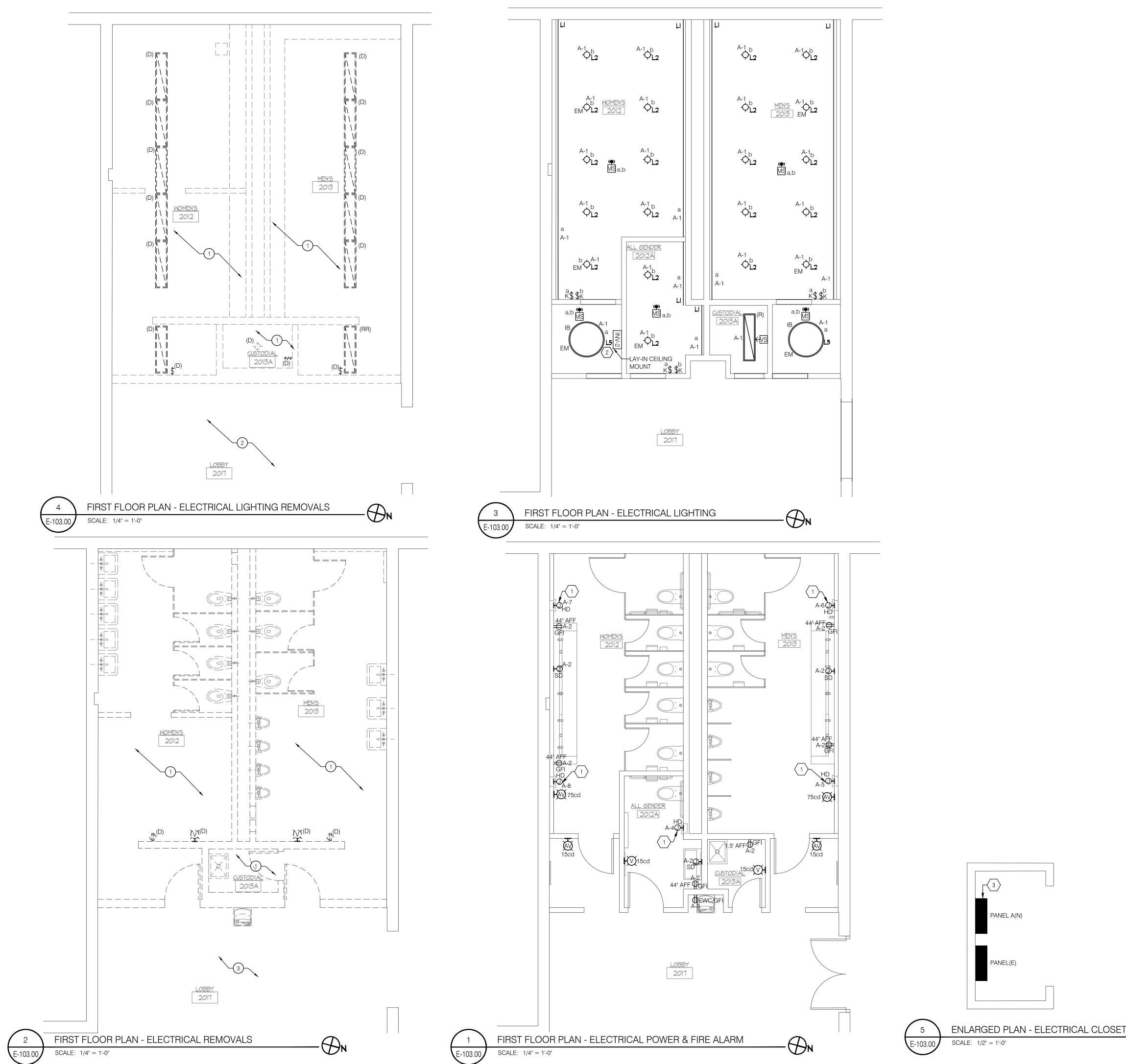
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# DANCE INSTRUCTIONAL FACILITIES - ELECTRICAL PLANS





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# GENERAL NOTES

- REFER TO THE ELECTRICAL COVER SHEET DRAWING FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS.
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- FOR ALL DEMOLISHED EQUIPMENT AND DEVICES, REMOVE ALL ASSOCIATED ACCESSORIES, BRANCH CIRCUIT WIRING AND CONDUIT BACK TO SOURCE OF SUPPLY.
- REFER TO ARCHITECTURAL DRAWINGS TO VERIFY THE ELEVATIONS, DETAILS, LOCATION, MOUNTING HEIGHTS AND ADDITIONAL INFORMATION PRIOR TO THE ROUGH-IN OF ELECTRICAL OUTLETS, DEVICES AND FIRE ALARM DEVICE INSTALLATION LOCATIONS.
- COORDINATE WITH CONTRACT DOCUMENTS FOR ALL OTHER DISCIPLINES AND TRADES FOR EXACT LOCATION OF ASSOCIATED EQUIPMENT.
- . THE CONTINUITY OF EXISTING CIRCUITS SERVING EXISTING DEVICES AND EQUIPMENT, EXISTING FIRE ALARM INITIATING DEVICE, NOTIFICATION APPLIANCE, SIGNALING LINE CIRCUITS AND FIXTURES TO REMAIN SHALL BE MAINTAINED.
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- . ALL REUSED CIRCUIT NUMBERS INDICATED ON PLAN ARE BASED ON EXISTING DOCUMENTS AND MAY NOT MATCH THE AS-BUILT CONDITION OF THE EXISTING CIRCUITS SERVING THE AREA. CONTRACTOR TO VERIFY AND UPDATE THE CIRCUIT NUMBERS UTILIZED DURING CONSTRUCTION.
- . ALL NEW FIRE ALARM DEVICES MUST BE COMPATIBLE WITH AND CONNECTED TO THE EXISTING FIRE ALARM SYSTEM, ZONED BY FLOOR. EXTEND EXISTING WIRING AND CONDUIT FOR RELOCATED DEVICES TO NEW LOCATIONS AS REQUIRED.
- 10. WHERE MORE THAN TWO VISUAL (STROBE) NOTIFICATION APPLIANCES ARE IN THE FIELD OF VIEW, THEY SHALL FLASH IN SYNCHRONIZATION. PROVIDE EXTERNAL SYNC MODULE OR SYNC PROTOCOL BUILT IN TO THE FIRE ALARM CONTROL PANEL.
- 1. LOCATION OF FIXTURES AND DEVICES SHOWN ON PLANS ARE DIAGRAMMATIC ONLY. REFER TO ARCHITECTURAL DRAWINGS TO VERIFY THE ELEVATIONS, DETAILS, LOCATION, MOUNTING HEIGHTS AND ADDITIONAL INFORMATION PRIOR TO THE ROUGH-IN OF ELECTRICAL FIXTURES AND DEVICES.
- 12. AT THE COMPLETION OF CONSTRUCTION, CLEAN LENSES AND REFLECTORS OF ALL LIGHTING FIXTURES IN THE CONTRACT AREA AND RENDER THEM FREE OF ANY MATERIAL, SUBSTANCE OR FILM FOREIGN TO THE FIXTURES. BLEMISHED, DAMAGED OR UNSATISFACTORY FIXTURES ARE TO BE REPLACED IN A SATISFACTORY MANNER.
- 13. ALL EMERGENCY LIGHTS AND EXIT SIGNS TO BE PROVIDED WITH INTEGRAL OR REMOTE EMERGENCY BATTERY PACK.
- 14. CLEAN, RE-LAMP AND RE-BALLAST ALL EXISTING TO REMAIN AND RELOCATED LIGHTING FIXTURES IN THE CONTRACT AREA AS REQUIRED. CONTRACTOR TO ENSURE THAT ALL REUSED FIXTURES ARE IN WORKING CONDITION. ALL EXISTING DEVICES TO REMAIN ARE TO BE PROTECTED FROM DAMAGE THROUGHOUT THE CONSTRUCTION PROCESS.
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#### # DEMOLITION KEY NOTES

- UNLESS OTHERWISE NOTED, ALL ELECTRICAL DEVICES, CONDUITS, WIRING/BOXES, LIGHTING FIXTURE, SWITCHING SCHEME INCLUDING ALL TELEPHONE/DATA, RECEPTACLES (WALL/CEILING/FLOOR) SERVING THIS AREA ARE TO BE DEMOLISHED. MAINTAIN EXISTING CIRCUIT WIRING FROM LIGHTING FIXTURES FOR REUSE. ALL OTHER WIRING DEVICES, CONDUIT, AND FEEDERS SHALL BE REMOVED BACK TO SOURCE.
- UNLESS OTHERWISE NOTED, ALL EXISTING LIGHT FIXTURES AND CONTROLS IN THIS AREA ARE EXISTING TO REMAIN.
- UNLESS OTHERWISE NOTED, ALL EXISTING ELECTRICAL AND FIRE ALARM DEVICES IN THIS AREA ARE EXISTING TO REMAIN.

### SHEET KEY NOTES

PROVIDE AUTOMATIC THERMAL-OVERLOAD SWITCH FOR DISCONNECTING MEANS.

 $\langle \# \rangle$ 

- PROVIDE INVERTER FOR EMERGENCY LIGHT FIXTURES IN THIS FLOOR WITH 50W POWER REQUIREMENT FOR 1.5 HOUR. INVERTERS SHALL BE PROVIDED WITH TEST AND LED-CHARGE INDICATORS. MANUFACTURER BASIS OF DESIGN: MYERS EMERGENCY POWER SYSTEMS.
- NEW 120/208V, 1Ø, 3WIRE PANEL "A" FED VIA 60A, 2 POLE BREAKER FROM EXISTING PANEL BY LOCKER/CLASS ROOM. CONTRACTOR TO RUN 3#4 AWG + 1#8 AWG G IN 1"C.

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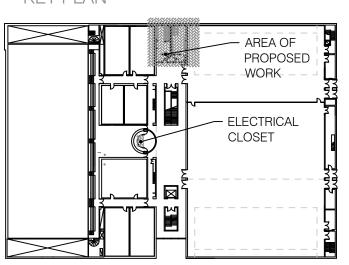
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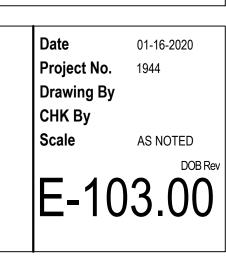
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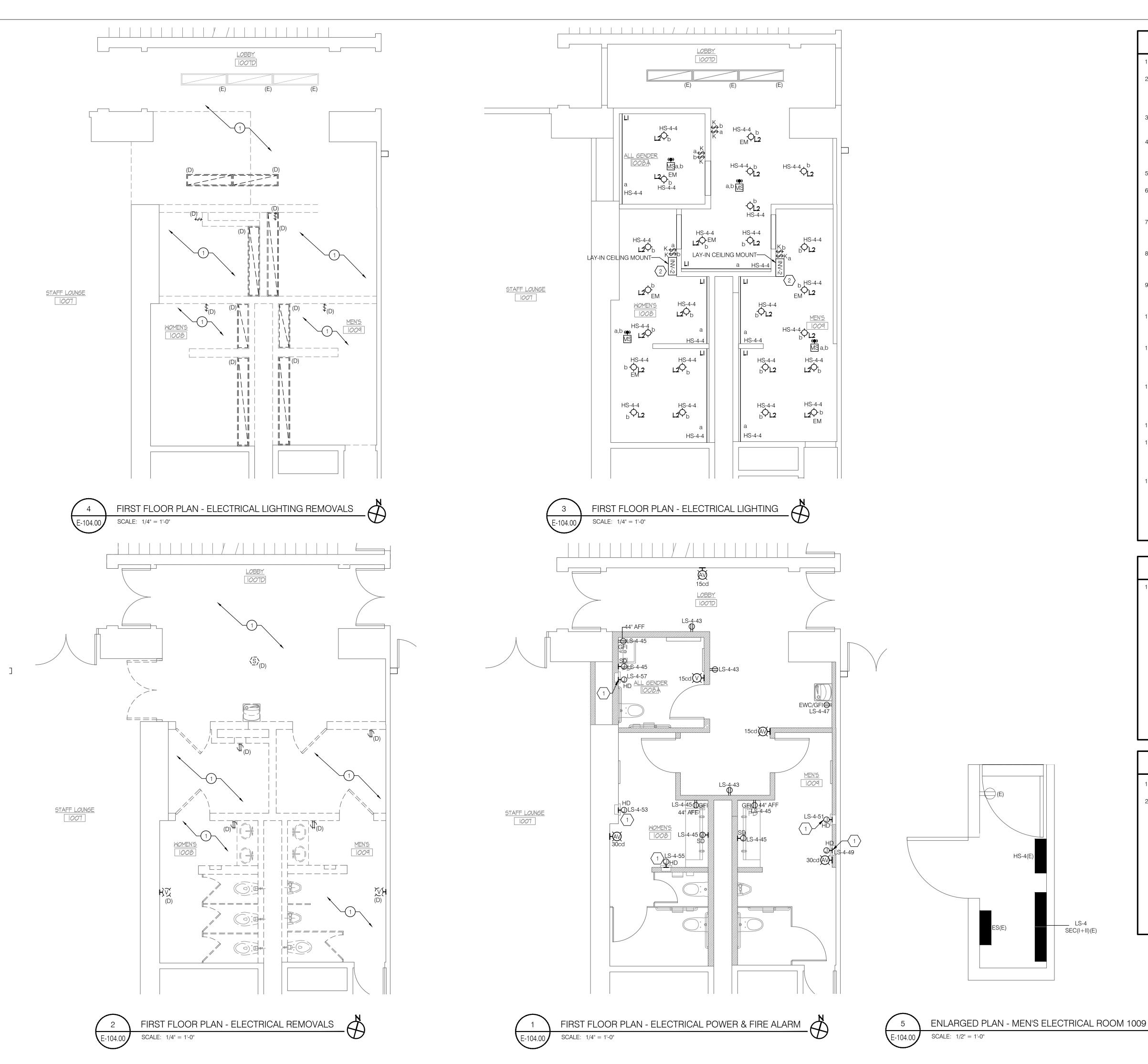
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KEY PLAN



# Title **PHYSICAL EDUCATION -**ELECTRICAL PLANS





# **GENERAL NOTES**

- REFER TO THE ELECTRICAL COVER SHEET DRAWING FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS.
- UNLESS OTHERWISE NOTED, DEMOLISH ALL EXISTING ELECTRICAL AND FIRE ALARM DEVICES AND EQUIPMENT SHOWN OR NOT SHOWN ON PLANS AT DEMOLISHED WALL, CEILING AND FLOOR SECTIONS THROUGHOUT THE AREA OF WORK. ABANDON CONCEALED EXISTING CONDUITS INSTALLED IN CONCRETE WALLS OR SLABS.
- FOR ALL DEMOLISHED EQUIPMENT AND DEVICES, REMOVE ALL ASSOCIATED ACCESSORIES, BRANCH CIRCUIT WIRING AND CONDUIT BACK TO SOURCE OF SUPPLY.
- REFER TO ARCHITECTURAL DRAWINGS TO VERIFY THE ELEVATIONS, DETAILS, LOCATION, MOUNTING HEIGHTS AND ADDITIONAL INFORMATION PRIOR TO THE ROUGH-IN OF ELECTRICAL OUTLETS, DEVICES AND FIRE ALARM DEVICE INSTALLATION LOCATIONS.
- COORDINATE WITH CONTRACT DOCUMENTS FOR ALL OTHER DISCIPLINES AND TRADES FOR EXACT LOCATION OF ASSOCIATED EQUIPMENT.
- THE CONTINUITY OF EXISTING CIRCUITS SERVING EXISTING DEVICES AND EQUIPMENT, EXISTING FIRE ALARM INITIATING DEVICE, NOTIFICATION APPLIANCE, SIGNALING LINE CIRCUITS AND FIXTURES TO REMAIN SHALL BE MAINTAINED.
- ALL NEW OUTLETS, DEVICES AND FIRE ALARM DEVICES MUST BE FLUSH MOUNTED WITH CONCEALED CONDUITS. ANY SURFACE MOUNTED OUTLETS, DEVICES AND CONDUITS IN THE SCOPE OF WORK AREA MUST BE APPROVED BY THE ARCHITECT PRIOR TO INSTALLATION.
- . ALL REUSED CIRCUIT NUMBERS INDICATED ON PLAN ARE BASED ON EXISTING DOCUMENTS AND MAY NOT MATCH THE AS-BUILT CONDITION OF THE EXISTING CIRCUITS SERVING THE AREA. CONTRACTOR TO VERIFY AND UPDATE THE CIRCUIT NUMBERS UTILIZED DURING CONSTRUCTION.
- . ALL NEW FIRE ALARM DEVICES MUST BE COMPATIBLE WITH AND CONNECTED TO THE EXISTING FIRE ALARM SYSTEM, ZONED BY FLOOR. EXTEND EXISTING WIRING AND CONDUIT FOR RELOCATED DEVICES TO NEW LOCATIONS AS REQUIRED.
- 10. WHERE MORE THAN TWO VISUAL (STROBE) NOTIFICATION APPLIANCES ARE IN THE FIELD OF VIEW, THEY SHALL FLASH IN SYNCHRONIZATION. PROVIDE EXTERNAL SYNC MODULE OR SYNC PROTOCOL BUILT IN TO THE FIRE ALARM CONTROL PANEL.
- 1. LOCATION OF FIXTURES AND DEVICES SHOWN ON PLANS ARE DIAGRAMMATIC ONLY. REFER TO ARCHITECTURAL DRAWINGS TO VERIFY THE ELEVATIONS, DETAILS, LOCATION, MOUNTING HEIGHTS AND ADDITIONAL INFORMATION PRIOR TO THE ROUGH-IN OF ELECTRICAL FIXTURES AND DEVICES.
- 12. AT THE COMPLETION OF CONSTRUCTION, CLEAN LENSES AND REFLECTORS OF ALL LIGHTING FIXTURES IN THE CONTRACT AREA AND RENDER THEM FREE OF ANY MATERIAL, SUBSTANCE OR FILM FOREIGN TO THE FIXTURES. BLEMISHED, DAMAGED OR UNSATISFACTORY FIXTURES ARE TO BE REPLACED IN A SATISFACTORY MANNER.
- 13. ALL EMERGENCY LIGHTS AND EXIT SIGNS TO BE PROVIDED WITH INTEGRAL OR REMOTE EMERGENCY BATTERY PACK.
- 14. CLEAN, RE-LAMP AND RE-BALLAST ALL EXISTING TO REMAIN AND RELOCATED LIGHTING FIXTURES IN THE CONTRACT AREA AS REQUIRED. CONTRACTOR TO ENSURE THAT ALL REUSED FIXTURES ARE IN WORKING CONDITION. ALL EXISTING DEVICES TO REMAIN ARE TO BE PROTECTED FROM DAMAGE THROUGHOUT THE CONSTRUCTION PROCESS.
- 15. UNLESS OTHERWISE NOTED, IN THE SCOPE OF WORK AREA, ALL ELECTRICAL OUTLETS, DEVICES, FIRE ALARM DEVICES, LIGHT FIXTURES AND CONTROL DEVICES SHOWN WITH A SUBSCRIPT "N" OR WITHOUT ANY SUBSCRIPT ARE NEW TO BE PROVIDED. DEVICES SHOWN WITH A SUBSCRIPT "E" INDICATE EXISTING EQUIPMENT TO REMAIN. DEVICES SHOWN WITH A SUBSCRIPT "D" AND DASHED LINE INDICATE EXISTING EQUIPMENT TO DEMOLISHED.

#### DEMOLITION KEY NOTES #

UNLESS OTHERWISE NOTED, ALL ELECTRICAL DEVICES, CONDUITS, WIRING/BOXES, LIGHTING FIXTURE, SWITCHING SCHEME INCLUDING ALL TELEPHONE/DATA, RECEPTACLES (WALL/CEILING/FLOOR) SERVING THIS AREA ARE TO BE DEMOLISHED. MAINTAIN EXISTING CIRCUIT WIRING FROM LIGHTING FIXTURES FOR REUSE. ALL OTHER WIRING DEVICES, CONDUIT, AND FEEDERS SHALL BE REMOVED BACK TO SOURCE.

### SHEET KEY NOTES

PROVIDE AUTOMATIC THERMAL-OVERLOAD SWITCH FOR DISCONNECTING MEANS.

 $\langle \# \rangle$ 

PROVIDE INVERTER FOR EMERGENCY LIGHT FIXTURES IN THIS FLOOR WITH 50W POWER REQUIREMENT FOR 1.5 HOUR. INVERTERS SHALL BE PROVIDED WITH TEST AND LED-CHARGE INDICATORS. MANUFACTURER BASIS OF DESIGN: MYERS EMERGENCY POWER SYSTEMS.

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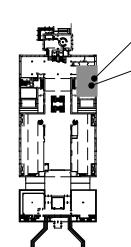
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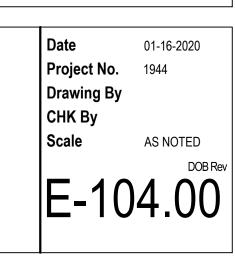
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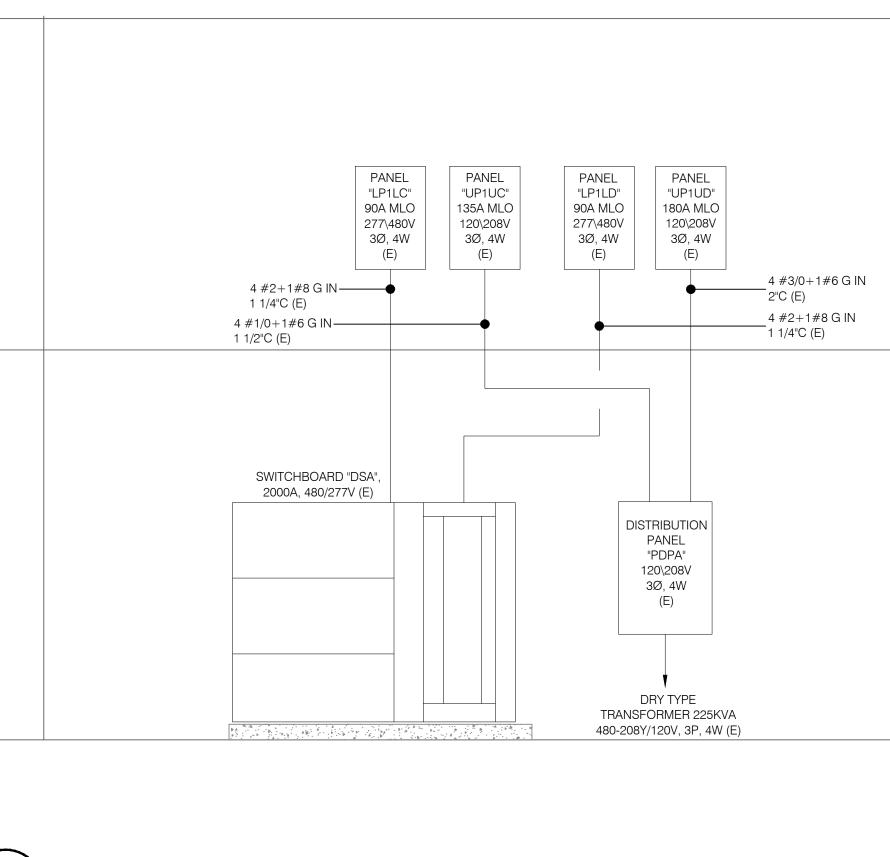
### KEY PLAN



- ELECTRICAL CLOSET - AREA OF PROPOSED WORK



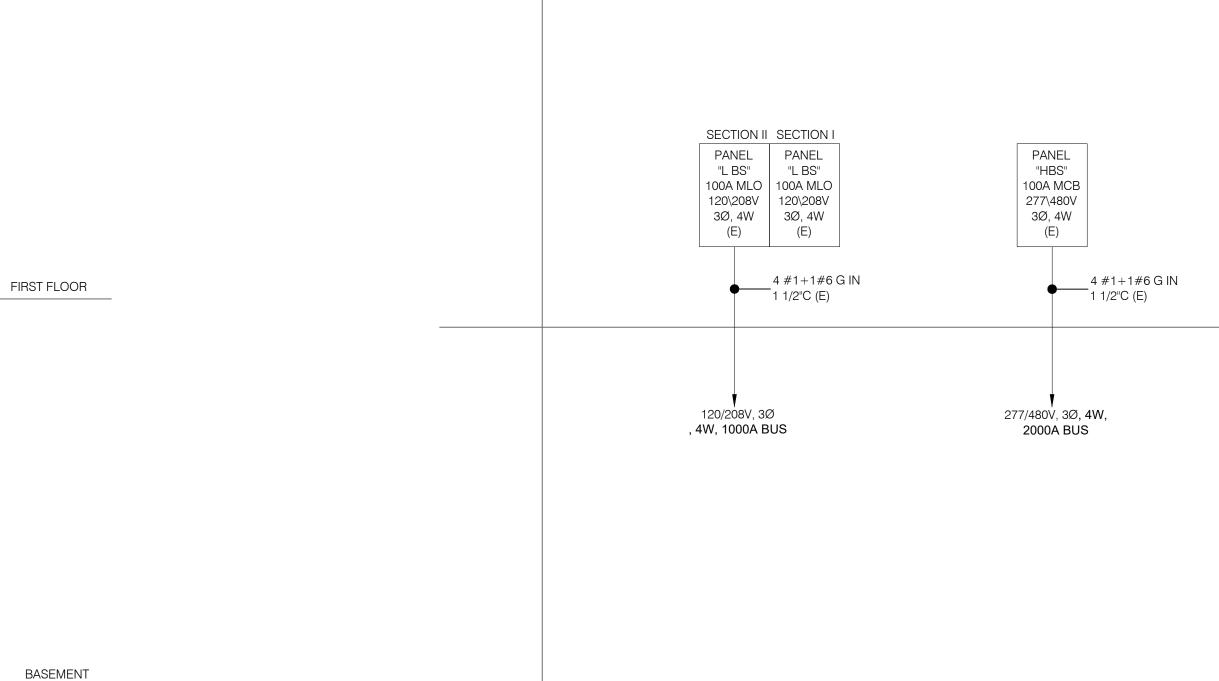




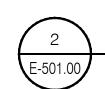
E-501.00

PARTIAL ELECTRICAL RISER (DANCE INSTRUCTIONAL FACILITIES)

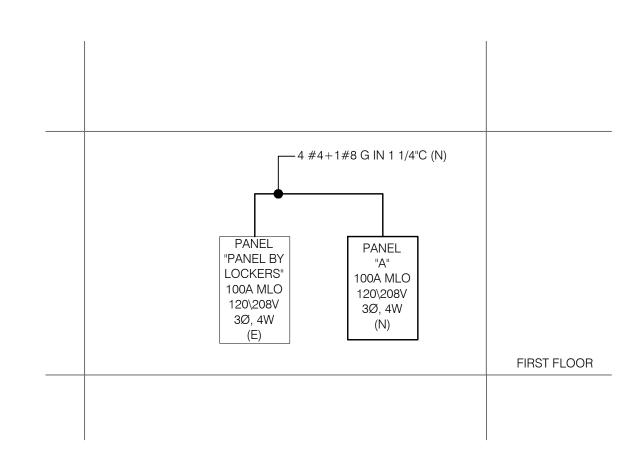
SCALE: NTS



### BASEMENT



PARTIAL ELECTRICAL RISER (MUSICAL INSTRUCTIONAL FACILITIES) SCALE: NTS





PARTIAL ELECTRICAL RISER (PHYSICAL EDUCATION ) SCALE: NTS

PLAZA	
BASEMENT	

SUB BASEMENT

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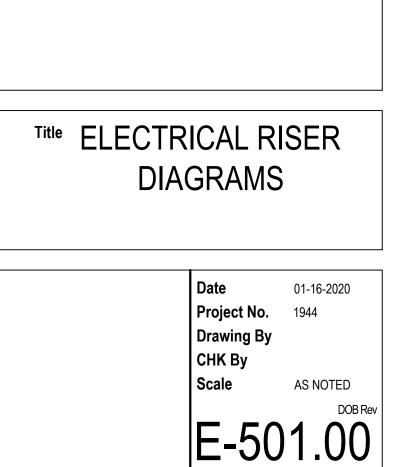
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# GENERAL NOTES

1. UNLESS OTHERWISE NOTED, ALL ELECTRICAL EQUIPMENT, PANELS AND FEEDERS ARE EXISTING TO REMAIN AND SHOWN FOR REFERENCE ONLY.



15cd 15cd 15cd 15cd TO EXISTING FATC	15cd 15cd TO EXISTING FATC	15cd 15cd 15cd TO EXISTING FATC
FIRST FLOOR	FIRST FLOOR	BASEMENT LEVEL
3 PARTIAL FIRE ALARM RISER (PHYSICAL EDUCATION) E-502.00 SCALE: NTS	2 PARTIAL FIRE ALARM RISER (DANCE INSTRUCTIONAL FACILITIES) E-502.00 SCALE: NTS	1     PARTIAL FIRE ALARM RISER (MUSICAL INSTRUCTIONAL FACILITIES)       E-502.00     SCALE: NTS
		15cd 15cd 15cd 15cd TO EXISTING FATC
		FIRST FLOOR
		4 PARTIAL FIRE ALARM RISER (LIBRARY BUILDING) E-502.00 SCALE: NTS

					RE SCHEDULE					
TYPE	SYMBOL	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	LUMENS	LAMP	WATTAGE	QUANTITY	VOLTAGE	REMARKS
L1		CELESTA LINEAR TAPE LIGHT, WHITE METAL CHANNEL	LUCETTA LIGHTING	VIP-24CEL150-30-XX-SLWH-3M-010	166 LM / FT	LED	1.8W/FT	193 FT	120/277 V	QUANTITY IS IN LINEAR FEET, REFER TO FLOOR PLANS FOR EXACT FIXTURE LENGTH
L2	-¢-	4-INCH ROUND ALL-PURPOSE LED RETROFIT MODULE, 3000K, 90CRI, MATTE WHITE FINISH.	COOPER LIGHTING	LCR4-08-9FS-E010-MW	800 LM	LED	10W	60	120/277 V	
L4		NEORAY DEFINE 3, WITH INTEGRATED DRIVER, DIRECT/INDIRECT, WHITE FINISH	COOPER LIGHTING	S123DIW-C-560D-755U-9-30-1-U	560D / 755U	LED	4.8W/FT	46 FT	120/277 V	QUANTITY IS IN LINEAR FEET, REFER TO FLOOR PLANS FOR EXACT FIXTURE LENGTH
L5	$\bigcirc$	IN/OUT CIRCULAR LED PENDANT, 3' DIA, 3000K, 93CRI, WHITE FINISH	DELRAY LIGHTING	UDCioC-3-W-W30-D-EM	5438 LM	LED	75W	2	120 V	SEPARATE REMOTE MOUNTING
								1		

CONDUCTOR SIZE FEEDING ALL EMERGENCY LIGHT FIXTURES SHALL BE #10 AWG, OR SHALL MATCH EXISTING CONDUCTOR SIZE.

ALL EMERGENCY LIGHT FIXTURES SHALL BE FED VIA #10 AWG. UNLESS OTHERWISE NOTED ON PLAN, ALL EMERGENCY LIGHTING SHALL BE APPROVED WITH INTEGRAL OR REMOTE BATTERY BACKUP. ALL DIMMER SWITCHES MUST BE COMPATIBLE WITH DIMMABLE BALLASTS. CONTRACTOR TO ENSURE ALL SWITCHES ARE RATED TO ACCOMMODATE THE LOAD REQUIREMENTS OF ASSOCIATED LIGHTING CIRCUIT. UNLESS OTHERWISE NOTED, ALL FLUORESCENT FIXTURES SHALL BE PROVIDED WITH (3500K) or (4100K) LAMPS.

UNLESS OTHERWISE NOTED, ALL LIGHT FIXTURES INDICATED ON PLANS AS TO BE CONTROLLED WITH A DUAL SWITCHING SYSTEM SHALL BE PROVIDED WITH (50% STEP-DIM) or (TWO) BALLASTS AND DRIVERS. ALL APPLICABLE LIGHT FIXTURES, SWITCHES, BALLASTS AND ASSOCIATED ACCESSORIES MUST BE COMPATIBLE WITH THE LIGHTING CONTROL SYSTEM SERVING THE SPACE.

				MECH		L EQU	JIPMEN	T ELECTI	RICAL CO	NNE
	UNIT DESCRIPTION	VOLTAGE /	ЦБ	LOAD	FLA	МСА	MOCP	UNIT D	ISCONNECT	SWIT
UNIT MARK	UNIT DESCRIPTION	PHASE	HP	ĸw	FLA	INICA	PANEL	SIZE	TYPE	FURN
EF-1	EXHAUST FAN	120/1	0.06	0.12	0.96	1.2	20	-	SM	DI
ABBREVIATI	ONS: SM - MOTOR RA	TED SWITCH	I; NFSS	- NON FL	JSED S	AFETY S	WITCH; F	SS - FUSED	SAFETY SW	TCH; \

NOTES:

1. ALL OUTDOOR DISCONNECT SWITCHES SHALL BE IN NEMA 3R ENCLOSURE TYPE, UNLESS OTHERWISE NOTED. 2. ALL FUSE SIZES FOR EQUIPMENT DISCONNECT SWITCH SHALL BE BASED ON THE EQUIPMENT NAME PLATE DATA AND EQUIPMENT MANUFACTURER RECOMMENDATIONS. 3. CONTRACTOR TO PROVIDE ELECTRICAL CONNECTIONS FOR ALL ASSOCIATED CONDENSATE PUMP, CONTROL PANEL, ALARM AND MISCELLANEOUS ACCESSORY DEVICES SERVING 4. ALL FUSES SHALL BE DUAL ELEMENT TYPE.

### GENERAL NOTES

- THE FIRE ALARM RISER DIAGRAM ONLY INCLUDES NEW FIRE ALARM DEVICES. REFER TO FLOOR PLAN DRAWING TO VERIFY EXACT QUANTITY OF DEVICES.
- 2. THE FIRE ALARM RISER DIAGRAM IS PROVIDED FOR REFERENCE ONLY AND IS NOT INTENDED TO DESCRIBE THE SYSTEM ARCHITECTURE AND DOES NOT INCLUDE ALL NECESSARY INFORMATION TO INSTALL THE SYSTEM. THE INSTALLED SYSTEM MUST MEET ALL REQUIREMENTS OF THE NFPA AND AHJ.
- 3. THE FIRE ALARM SYSTEM IS DESIGNED TO UTILIZE HORN MODULES FOR AUDIBLE NOTIFICATIONS.
- 4. ALL NEW FIRE ALARM VISUAL NOTIFICATION DEVICES IN THE SCOPE OF WORK AREA MUST BE ADA COMPLIANT.
- 5. THE FIRE ALARM AUDIBLE DEVICE SHALL HAVE A SOUND LEVEL AT LEAST 15 dBA ABOVE THE AVERAGE AMBIENT SOUND LEVEL OR 5 dBA ABOVE THE MAXIMUM SOUND LEVEL HAVING A DURATION OF AT LEAST 60 SECONDS, WHICHEVER IS GREATER, THROUGHOUT THE AREA OF WORK.
- 6. ALL EXISTING AND NEW FIRE ALARM DEVICES INSTALLED IN THE AREA OF WORK SHALL CONFORM WITH ALL STANDARDS AND REQUIREMENTS OF ADA, UL, ANSI AND NFPA. EXISTING NON-COMPLIANT DEVICES IN THE SCOPE OF WORK AREA SHALL BE REPLACED IN PLACE WITH NEW COMPLIANT DEVICES. VISUAL (STROBE) DEVICES SHALL BE EQUIPPED WITH FIELD SELECTABLE WITH MINIMUM 15 AND MAXIMUM 110 CANDELA RATED LIGHT OUTPUT OPTION AND SIMULTANEOUS FLASH RATE OF 1 TO 3 Hz.
- 9. ALL SOUND MASKING, WHITE NOISE, PA AND SIMILAR SYSTEMS MUST BE DEACTIVATED WHEN AN ALARM SIGNAL IS INITIATED BY THE FIRE ALARM SYSTEM. CONTRACTOR TO PROVIDE MODULES TO INTERFACE WITH THE FIRE ALARM SYSTEM AS REQUIRED.
- 10. THE FIRE ALARM SYSTEM IS TO BE CLEAR OF ALL TROUBLE AND ALARM SIGNALS AT THE END OF EACH DAY INCLUDING ANY REPROGRAMMING REQUIRED BY THE TEMPORARY OR PERMANENT REMOVAL OF EXISTING DEVICES.
- 1. CONTRACTOR TO REPROGRAM THE EXISTING FIRE ALARM SYSTEM UPON COMPLETION OF ANY MODIFICATIONS TO THE SYSTEM AS REQUIRED. UNLESS OTHERWISE NOTED, MAINTAIN AND MATCH EXISTING SEQUENCE OF OPERATIONS.
- 12. ALL FIRE ALARM WORK MUST BE COORDINATED WITH THE OWNER AND BUILDING ENGINEER AT LEAST 3 DAYS PRIOR TO INSTALLATION. THE FIRE ALARM SYSTEM MUST REMAIN OPERATIONAL AS THE BUILD OUT OCCURS. OBTAIN WRITTEN PERMISSION FROM THE OWNER PRIOR TO THE INTERRUPTION OF THE BUILDING FIRE ALARM SYSTEM. THE CONTRACTOR MUST FOLLOW ALL BUILDING OWNER PROTOCOLS AND CODE REQUIREMENTS FOR A FIRE ALARM INTERRUPTION.
- 13. THE BUILDING FIRE ALARM SYSTEM IS MONITORED BY "DATAWATCH SYSTEMS", PHONE NUMBER 301-280-4321.
- 14. CONTRACTOR TO PREPARE AND SUBMIT FIRE ALARM SHOP DRAWINGS TO THE ENGINEER AND THE FIRE MARSHAL FOR REVIEW AND FINAL APPROVAL. CONTRACTOR TO BE PRESENT DURING FINAL INSPECTION AND TESTING BY THE FIRE MARSHALL. SHOP DRAWINGS SHALL INCLUDE:
- SYSTEM RISER DIAGRAM AND FLOOR PLAN WITH DEVICE ADDRESSES, CONDUIT SIZES AND WIRE TYPE AND SIZES
- FIRE ALARM EXTENDER PANEL, IF REQUIRED
- COMPONENT WIRING DIAGRAMS
- PRODUCT DATA SHEETS AND EQUIPMENT DESCRIPTION
- BATTERY SIZE CALCULATIONS ANY REVISIONS AND ADDITIONS REQUIRED BY THE AHJ PRIOR TO OBTAINING THE CERTIFICATE OF OCCUPANCY ARE THE RESPONSIBILITY OF THE CONTRACTOR.

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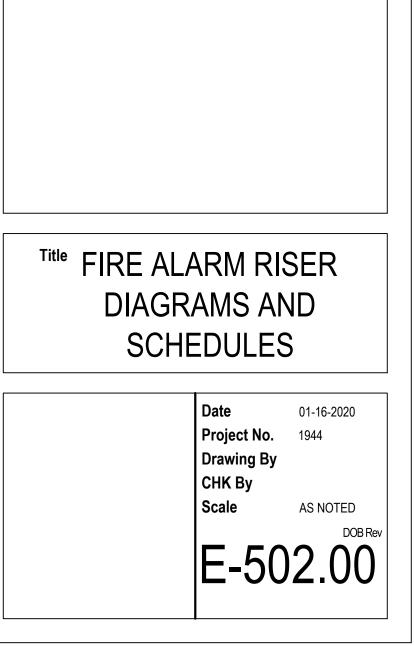
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ECTION SCHEDULE тсн FEEDER REMARKS NISHED BY AUTOMATIC TIMER SWITCH TO TURN OFF DIV.26 2 #12 + 1 # 12G IN 3/4"C EXHAUST FAN.

; VFD - VARIABLE FREQUENCY DRIVE



PANE	L:	HB	NY PURCHASE COLLEGE -MU S (E) SIC ELEC, ROOM	SIC INS	TRUC	TIONA	L FAC	PHAS	E & WIR	E:		3	80/277 PH, 4\ 00A M(	N			AIC RATING: MOUNTING: NEMA TYPE:	SI	14) JRF	K ACE
СКТ	OCD	12/1		-	L	OAD (KV	(A)			SEQUE	NCE			OAD (KV	A)			oct		СКТ
NO.	A	P	DESCRIPTION	MISC	HWH		REC	LTG	A	В	С	MISC		HVAC		LTG	DESCRIPTION	A	P	NO.
1	20	1	EXISTING LOAD					1.2	3.4			2.2					ERH RM. B5, B6 (E)	20	1	2
3	20	1	EXISTING LOAD	-		1	11-1	1.2		3.4	-	2.2		1		-	ERH RM. B33, B37 (E)	20	1	4
5	20	1	EXISTING LOAD					1.2			3.4	2.2					ERH RM. B71, B82 (E)	20	1	6
7	20	1	LTG-RM, B7, B8, B9 (E)					1.2	3.4							2.2	LTG-RM. B68 (E)	20	1	8
9	20	1	LTG-RM. B5, B6 (E)				1.21	1.2		3.4						2.2	LTG-RM. B69 (E)	20	1	10
11	20	1	LTG-VEST B1A (E)		1			1.2			3.4					2.2	LTG-RM. B88 (E)	20	1	12
13	20	1	LTG-RM. B93, 94, 95, 96, 97, 98 (E)			· · · · · · ·	1	1.2	3.4			1				2.2	LTG-RM. B89 (E)	20	1	14
15	20	1	LTG-RM. B90, 91, 92, 99, 100, 101 (E)		1		1.25	2.2		4.4				1.1.1	1	2.2	LTG-RM. B70, B71 (E)	20	1	16
17	20	1	LTG-RM. B72, 73, 74, 75, 76, 77 (E)				10.00	2.2			4.4					2.2	LTG-RM. B111, B114 (E)	20	1	18
19	20	1	LTG-RM. B102, 103, 104, 105 (E)					2.2	4.4							2.2	LTG-RM. B115, 116, 117, 118 (E)	20	1	20
21	20	1	EXISTING LOAD	2.2						4.4		2.2					EXISTING LOAD	20	1	22
23	20	1	EXISTING LOAD	2.2							4.4	2.2					EXISTING LOAD	20	1	24
25	20	1	EXISTING LOAD	2.2	7.71	1.1		1	4.4		1	2.2			1.0		EXISTING LOAD	20	1	26
			d (KVA) Motor (KVA)	6.6	0.0	0.0	0.0	15.0	19.0	15.6	15.6	13.2	0.0	0.0	0.0	15.4				
TOTAL	CONN	ECTE	ED LOAD (KVA)	19.8	0.0	0.0	0.0	30.4												
DEMA	ND FAC	CTOR		1.0	1.25	1.0	х	1.25									TOTAL DEMAND (KVA)	58		
TOTAL	DEMA	ND L	OAD (KVA)	19.8	0.0	0.0	0.0	38.0									LINE CURRENT (AMPS)	70		

PANE			NY PURCHASE COLLEGE -MU S SEC.II (E)	SIC INS	TRUC	TIONA	LFAC		E & WIR				20/208 PH, 4				AIC RATING: MOUNTING:		SI.	10k JRF/	
			SEC.II (E)						AIN (A				00A MI				NEMA TYPE:		50	1	AUE
CKT	OCD			1		OAD (KV	(A)	DUSIN	-	SEQUE	NCE	T		OAD (KV	A)			_	OCD		CK
NO.	A	P	DESCRIPTION	MISC	1	HVAC	REC	LTG	A	B	C	MISC		HVAC	REC	LTG	DESCRIPTION		A	P	NO
37	20	1	EXISTING LOAD	0.3					0.7			0.4					EXISTING LOAD		20	1	3
39	20	1	EXISTING LOAD	0,3	-		1			0.7		0.4					EXISTING LOAD		20	1	40
41	20	1	EXISTING LOAD	0.4							0.8	0.4			111	1000	EXISTING LOAD		20	1	4
43	20	1	EXISTING LOAD				0.5		0.9			0.4					EXISTING LOAD	-	20	1	4
45	20	1	EXISTING LOAD				0.5			0.9						0.4	EXISTING LOAD	-	20	1	40
47	20	1	EXISTING LOAD				0.4		-		0.8					0.4	EXISTING LOAD		20	1	48
49	20	1	EXISTING LOAD	0,4			1.1.1		0.8			0.4				-	EXISTING LOAD		20	1	50
51	20	1	EXISTING LOAD	0.4			1.1			0.8		0.4				1.1	EXISTING LOAD		20	1	52
53	20	1	EXISTING LOAD	0.4				1222			0.8	0.4		1000		120	EXISTING LOAD	-	20	1	5
55	20	1	EXISTING LOAD	0.4					0.8			0.4				1273	EXISTING LOAD		20	1	50
57	20	1	EXISTING LOAD	0.4			1.11			0.4							BUSSED SPACE				58
59	20	1	EXISTING LOAD	0.4	-						0.8				0.4	1.1	EXISTING LOAD		20	1	60
61	20	1	EXISTING LOAD	0.4		-			1.4			1.0					JBOX - HAND DRYER 0004A(N)	2	20	1	62
63	20	1	EXISTING LOAD				0.3			0.7					0.4	11.5	EXISTING LOAD		30	1	64
65	20	1	LTG-0004A,0004,0004B(N)	2		-		1.2			2.2	1.0				-17	JBOX - HAND DRYER 0004(N)	2	20	1	60
67	20	1	REC - RM. 0004B,0004,0004A & 0002D(N	)			1.1		1.1							1222	MAIN		100	3	68
69	20	1	REC - EWC/GFI(N)		-		0.4			0.4							1		/	1	70
71	20	1	JBOX - HAND DRYER 0004A(N)	1.0							1.0						1		1	1	72
CONNE	ECTED	LOAD	D (KVA)	4.8	0.0	0.0	3.2	1.2	5.7	3.9	6.4	5.2	0.0	0.0	0.8	0.8					
25% OF	LARG	EST	MOTOR (KVA)				21		11												
									11												
OTAL	CONN	ECTE	D LOAD (KVA)	10.0	0.0	0.0	4.0	2.0	1.1												
DEMAN	ID FAC	TOR		1.0	1.25	1.0	Х	1.25									TOTAL DEMAND (KVA)		16		
OTAL	DEMA	ND L	DAD (KVA)	10.0	0.0	0.0	4.0	2.5	1.1								LINE CURRENT (AMPS)		46		

Plotted By: LAVANYA.R Plot Date: 23-05-2022 17:01:25

		SUN	NY PURCHASE COLLEGE -MUS	SIC INST	TRUC	TIONA	LFAC	PANEL	VOLT	AGE:		1	20/208	BV			AIC RATING:		10	K
ANE	L:	LBS	S SEC.I (E)					PHASE	E & WIR	E:		3	PH, 4	W			MOUNTING:	SU	JRF	ACE
OCA	TION	MUS	SIC ELEC. CONTROL ROOM - 0049			-		BUS/M	AIN (A	MPS):	-	1	DOA MI	LO			NEMA TYPE:	e de la	1	·
KT	OCD	)			L	OAD (KV	(A)		3 PH	SEQUE	NCE		L	OAD (KV	A)			OCE	0	CK
0.	Α	Ρ	DESCRIPTION	MISC	HWH	HVAC	REC	LTG	Α	В	C	MISC	HWH	HVAC	REC	LTG	DESCRIPTION	Α	Ρ	NO.
1	20	1	EXISTING LOAD	0.6			1		1.1			0.5			1-14		EXISTING LOAD	20	1	2
3	20	1	EXISTING LOAD	0.5						1.1		0.6				17.5	EXISTING LOAD	20	1	4
5	20	1	EXISTING LOAD	0.6	1.1.1		11.11	1.15			1.1	0.5			199		EXISTING LOAD	20	1	6
7	20	1	REC-FILM (E)	1			0.5		0.8			0.3		- 1	11.1		EXISTING LOAD	20	1	8
9	20	1	EXISTING LOAD	0.6			11.11			1.0			11.11		1.11	0.4	EXISTING LOAD	20	1	10
11	20	1	REC-FILM (E)	1			0.6	1.1			1.1	1.5				0.5	EXISTING LOAD	20	1	12
13	20	1	EXISTING LOAD	0.4			1	1	0.8			0.4	1		1		EXISTING LOAD	20	1	14
15	20	1	EXISTING LOAD	0.4						0.8		0.4				17.1	EXISTING LOAD	20	1	16
17	20	1	EXISTING LOAD	0.4							0.8	0.4	1			1.01	EXISTING LOAD	20	1	18
19	20	1	EXISTING LOAD	0.4					0.9			0.5			· · · · ·		EXISTING LOAD	20	1	20
21	20	1	EXISTING LOAD	0.4						0.8					0.4	1	EXISTING LOAD	20	1	22
23	20	1	EXISTING LOAD				0.6				1.1		1		0.5		EXISTING LOAD	20	1	24
25	20	1	EXISTING LOAD	1.1			0.5		1.5			1.0	11.1				JBOX - HAND DRYER 0004B (N) 2	20	1	26
27	20	1	EXISTING LOAD				0.6			1.0		0.4				-	EXISTING LOAD	30	1	28
29	20	1	EXISTING LOAD				0.5				1.5	1.0	11 11		12-1	121	JBOX - HAND DRYER 0004(N) 2	20	1	30
31	20	1	EXISTING LOAD			1	0.6	121	0.6					1			MAIN (E)	100	3	32
33	20	1	REC-BATHROOM, HAND DRYER (E)	0.8				1		0.8							1	1	1	34
35	20	1	REC-BATHROOM, HAND DRYER (E)	0.8	1		12.71	1			0.8		1		12.5	1	1	/	1	36
ONN	CTED	LOAD	D (KVA)	5.9	0.0	0.0	3.9	0.0	5.7	5.5	6.4	6.0	0.0	0.0	0.9	0.9		8.77		
OTAL	CONN	ECTE	D LOAD (SECTION 1)	11.9	0.0	0.0	4.8	0.9					_				-			
OTAL	CONN	ECTE	D LOAD (SECTION 2)	10.0	0.0	0.0	4.0	2.0	10											
5% O	LARC	GEST	MOTOR (KVA)				1.1.1.1													
OTAL	CONN	ECTE	D LOAD (KVA)	21.9	0.0	0.0	8.8	2.9	110											
EMA	D FAC	TOR		1.0	1.25	1.0	x	1.25									TOTAL DEMAND (KVA)	34		
OTAL	DEMA	NDL	OAD (KVA)	21.9	0.0	0.0	8.8	3.6									LINE CURRENT (AMPS)	95		

		SEC.I (E) IC ELEC. CONTROL ROOM - 0049					PHASE	E&WIR	E:		3	PH, 4V	N			MOUNTING:	SL	JRF/	IOF
DCD	IUS	IC ELEC. CONTROL ROOM - 0049											5						ACE
		·					BUS/M	AIN (A	MPS):		1(	DOA ML	0			NEMA TYPE:	<u></u>	1	-
1			5	L	OAD (KV	'A)		3 PH	SEQUE	NCE		L	OAD (KV	A)			OCD		СКТ
	Ρ	DESCRIPTION	MISC	HWH	HVAC	REC	LTG	Α	В	C	MISC	HWH	HVAC	REC	LTG	DESCRIPTION	Α	Ρ	NO.
0	1	EXISTING LOAD	0.6			1		1.1			0.5			1-1-		EXISTING LOAD	20	1	2
0	1	EXISTING LOAD	0.5		1.5				1.1		0.6				17.5	EXISTING LOAD	20	1	4
0	1	EXISTING LOAD	0.6			1.1				1.1	0.5			1.1		EXISTING LOAD	20	1	6
0	1	REC-FILM (E)	1			0.5		0.8			0.3			11.1		EXISTING LOAD	20	1	8
0	1	EXISTING LOAD	0.6			11.11			1.0			11.11		177.4	0.4	EXISTING LOAD	20	1	10
0	1	REC-FILM (E)				0.6				1.1	1.5				0.5	EXISTING LOAD	20	1	12
0	1	EXISTING LOAD	0.4			1		0.8			0.4	1		1		EXISTING LOAD	20	1	14
0	1	EXISTING LOAD	0,4						0.8		0.4				11.1	EXISTING LOAD	20	1	16
0	1	EXISTING LOAD	0.4							0.8	0.4				1.01	EXISTING LOAD	20	1	18
0	1	EXISTING LOAD	0.4					0.9			0.5			1		EXISTING LOAD	20	1	20
0	1	EXISTING LOAD	0.4						0.8					0.4	121	EXISTING LOAD	20	1	22
0	1	EXISTING LOAD				0.6				1.1		1.00		0.5	1.1.1	EXISTING LOAD	20	1	24
0	1	EXISTING LOAD	1			0.5		1.5			1.0					JBOX - HAND DRYER 0004B (N) 2	20	1	26
0	1	EXISTING LOAD				0.6			1.0		0.4					EXISTING LOAD	30	1	28
0	1	EXISTING LOAD				0.5				1.5	1.0			1211	122	JBOX - HAND DRYER 0004(N) 2	20	1	30
0	1	EXISTING LOAD			1	0.6	111	0,6						1.1.1	1223	MAIN (E)	100	3	32
0	1	REC-BATHROOM, HAND DRYER (E)	0.8			11.11			0.8					1.11	_	1	1	1	34
0	1	REC-BATHROOM, HAND DRYER (E)	0.8			12.76	1			0.8		1		12.5	1.1	1	/	1	36
ED L	OAD	) (KVA)	5.9	0.0	0.0	3.9	0.0	5.7	5.5	6.4	6.0	0.0	0.0	0.9	0.9		8.776		
NNEC	CTEI	D LOAD (SECTION 1)	11.9	0.0	0.0	4.8	0.9	_				_				-			
NNEC	CTEI	D LOAD (SECTION 2)	10.0	0.0	0.0	4.0	2.0	11											
ARGE	STI	MOTOR (KVA)					11.11	í											
NNEC	CTEI	D LOAD (KVA)	21.9	0.0	0.0	8.8	2.9	110											
FACTO	OR		1.0	1.25	1.0	X	1.25									TOTAL DEMAND (KVA)	34		
MAND	DLC	DAD (KVA)	21.9	0.0	0.0	8.8	3.6									LINE CURRENT (AMPS)	95		
	) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) )	)         1           )         1	0       1       EXISTING LOAD         0       1       REC-FILM (E)         0       1       EXISTING LOAD         0       1       REC-BATHROOM, HAND DRYER (E)         0       1       REC-BATHROOM, HAND DR	0         1         EXISTING LOAD         0.6           0         1         REC-FILM (E)         0.4           0         1         EXISTING LOAD         0.1           0         1         EXISTING LOAD         0.1           0         1         EXISTING LOAD         0.8           0         1         REC-BATHROOM, HAND DRYER (E)         0.8           0         1         REC-BATHROOM, HAND DRYER (E)         0.8           0         1	0         1         EXISTING LOAD         0.6           0         1         REC-FILM (E)	0         1         EXISTING LOAD         0.6	0         1         EXISTING LOAD         0.6         0.6           0         1         REC-FILM (E)         0.6         0.6           0         1         EXISTING LOAD         0.4         0.6           0         1         EXISTING LOAD         0.4         0.4         0.4           0         1         EXISTING LOAD         0.4         0.5         0.5           0         1         EXISTING LOAD         0.4         0.5         0.5           0         1         EXISTING LOAD         0.5         0.5         0.5         0.1         EXISTING LOAD         0.5           0         1         EXISTING LOAD         0.5         0.6         0.6           0         1         REC-BATHROOM, HAND DRYER (E)         0.8         0.6           0         1         REC-BATHROOM, HAND	0         1         EXISTING LOAD         0.6	0         1         EXISTING LOAD         0.6         0.6         0.6           0         1         REC-FILM (E)         0.6         0.6         0.8           0         1         EXISTING LOAD         0.4         0.8         0.8           0         1         EXISTING LOAD         0.4         0.8         0.8           0         1         EXISTING LOAD         0.4         0.4         0.8           0         1         EXISTING LOAD         0.4         0.9         0.9           0         1         EXISTING LOAD         0.4         0.9         0.9           0         1         EXISTING LOAD         0.4         0.9         0.9           0         1         EXISTING LOAD         0.4         0.6         0.9           0         1         EXISTING LOAD         0.4         0.6         0.6           0         1         EXISTING LOAD         0.5         1.5         0.5           0         1         EXISTING LOAD         0.6         0.6         0.6           0         1         EXISTING LOAD         0.5         0.6         0.6           0         1         EXISTING LOAD	0         1         EXISTING LOAD         0.6         1         0.6         1         1.0           0         1         REC-FILM (E)         0.6         0.7         0.7         0.7         0.7         0.7         0.8         0.8         0.7         1         EXISTING LOAD         0.4         0.7         0.7         0.7         0.9         0.8         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.8         0.9         0.9         0.8         0.9         0.9         0.8         0.8         0.8         0.8         0.8         0.8         0.8         0.8         0.8         0.8         0.9         1.0         0.8         0.9         1.0         0.9         1.0         1.0         0.9         1.0         1.0         0.1         1.0         0.1         EXISTING LOAD         0.0         0.8         0.8         0.8         0.8 </td <td>0         1         EXISTING LOAD         0.6         1         1.0           0         1         REC-FILM (E)         0.6         0.6         1.10           0         1         EXISTING LOAD         0.4         0.6         0.8         1.10           0         1         EXISTING LOAD         0.4         0.6         0.8         1.10           0         1         EXISTING LOAD         0.4         0.8         0.8         0.8           0         1         EXISTING LOAD         0.4         0.8         0.8         0.8           0         1         EXISTING LOAD         0.4         0.9         0.8         0.8           0         1         EXISTING LOAD         0.4         0.9         0.8         0.8           0         1         EXISTING LOAD         0.4         0.6         1.11         0.8           0         1         EXISTING LOAD         0.4         0.6         1.10         0.8           0         1         EXISTING LOAD         0.6         1.0         1.0         1.0           0         1         EXISTING LOAD         0.6         0.6         0.8         0.8           <td< td=""><td>0         1         EXISTING LOAD         0.6         1         1.0         1.0           0         1         REC-FILM (E)         0.6         0.6         0.8         0.4         0.6         0.8         0.4         0.4         0.4         0.8         0.4         0.4         0.4         0.8         0.4         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         1.0         0.4         0.4         0.4         0.4         0.5         0.5         1.0         0.4         0.4         0.5         1.0         0.5         1.0         1.0</td><td>0       1       EXISTING LOAD       0.6       0       0       1.0       0       1.0       0       1.0       0       1.0       0       0       1.1       0       0       0.6       0.6       0.6       0.6       0.6       0.1       0.1       0.1       0.4       0.6       0.6       0.8       0.4       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       1.0       0.4       0.4       0.4       0.4       0.4       0.4       0.5       1.0       0.4       0.5       1.0       1.0       0.4       0.5       1.5       1.0       1.0       0.5       1.5       1.0       1.0       0.5</td><td>0       1       EXISTING LOAD       0.6       0.6       0.6       0.6       0.1       0.0       0.1       REC-FILM (E)       0.6       0.6       0.8       0.4       0.8       0.4       0.8       0.4       0.8       0.4       0.4       0.8       0.4       0.4       0.8       0.4       0.4       0.8       0.4       0.4       0.4       0.8       0.4       0.4       0.6       0.8       0.4       0.4       0.6       0.8       0.4       0.4       0.6       0.8       0.4       0.4       0.6       0.8       0.4       0.6       0.6       0.8       0.4       0.6       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.6<!--</td--><td>0       1       EXISTING LOAD       0.6       0.6       1.0       0       1.0       0       0       0       1       REC-FILM(E)       0.6       0.6       0.1       0.1       0.4       0.8       0.4       0.4       0.8       0.4       0.4       0.8       0.4       0.4       0.8       0.4       0.4       0.4       0.8       0.4       0.4       0.8       0.4       0.4       0.8       0.4       0.4       0.8       0.4       0.4       0.4       0.8       0.4       0.4       0.6       0.4       0.4       0.4       0.8       0.4       0.4       0.6       0.4       0.5       1.1       0.5       0.4       0.4       0.5       0.4       0.5       0.5       0.5       0.5       &lt;</td><td>0       1       EXISTING LOAD       0.6       0.6       0       1.0       0       0       0.4       0.4         0       1       REC-FILM (E)       0.6       0.6       0.8       0.4       0.5       0.5         0       1       EXISTING LOAD       0.4       0.4       0.8       0.4       0.4       0.5         0       1       EXISTING LOAD       0.4       0.4       0.8       0.4       0.4       0.5         0       1       EXISTING LOAD       0.4       0.4       0.8       0.4       0.4       0.5         1       EXISTING LOAD       0.4       0.4       0.8       0.8       0.4       0.4       0.5         1       EXISTING LOAD       0.4       0.4       0.9       0.8       0.4       0.4       0.4         1       EXISTING LOAD       0.4       0.4       0.9       0.8       0.4       0.4       0.4         1       EXISTING LOAD       0.4       0.6       0.8       1.1       0.6       0.4         1       EXISTING LOAD       0.4       0.5       1.5       1.0       0.4       0.5         1       EXISTING LOAD       0.6<td>1       EXISTING LAAD       0.6        1.0        0.4       EXISTING LOAD         1       REC-FILM (E)       0.6       0.6       1.1       0.8       0.4       0.5       EXISTING LOAD         1       EXISTING LOAD       0.4       0.6       0.8       0.4       0.5       EXISTING LOAD         1       EXISTING LOAD       0.4       0.4       0.8       0.4       0.4       EXISTING LOAD         1       EXISTING LOAD       0.4       0.4       0.8       0.4       0.4       EXISTING LOAD         1       EXISTING LOAD       0.4       0.4       0.8       0.4       0.4       EXISTING LOAD         1       EXISTING LOAD       0.4       0.4       0.8       0.4       0.4       EXISTING LOAD         1       EXISTING LOAD       0.4       0.4       0.8       0.4       0.4       EXISTING LOAD         1       EXISTING LOAD       0.4       0.4       0.8       0.4       0.4       EXISTING LOAD         1       EXISTING LOAD       0.4       0.5       1.1       0.5       0.4       EXISTING LOAD         1       EXISTING LOAD       0.5       1.5       1.0       0.5&lt;</td><td>1       EXISTING LOAD       0.6       0.6       0.6       0.6       0.6       0.6       0.1       0.0       0.4       EXISTING LOAD       0.6       0.6       0.1       1.0       0.4       0.5       EXISTING LOAD       0.0       0.7       <th0.7< th=""></th0.7<></td><td>1       EXISTING LOAD       0.6       0.6       0.6       0.6       0.6       0.6       0.1       0.0       0.4       EXISTING LOAD       0.4       EXISTING LOAD       0.1       0.1       0.5       EXISTING LOAD       0.0       1         0       1       EXISTING LOAD       0.4       0.6       0.8       0.4       0.4       0.5       EXISTING LOAD       0.1       1       0.1       EXISTING LOAD       0.4       0.6       0.8       0.4       0.4       EXISTING LOAD       0.1       1       EXISTING LOAD       0.4       0.6       0.8       0.4       0.5       EXISTING LOAD       0.0       1       1       EXISTING LOAD       0.4       0.1       1       EXISTING LOAD       0.4       0.1       0.0       0.8       0.4       0.4       EXISTING LOAD       0.0       1       1       EXISTING LOAD       0.4       0.1       1       EXISTING LOAD       0.4       0.4       EXISTING LOAD       0.0       1       1       1       1       0.5       1       0.5       1       0.5       1       0.5       1       0.5       1       0.5       1       0.5       1       0.5       1       0.5       1       0.5       1</td></td></td></td<></td>	0         1         EXISTING LOAD         0.6         1         1.0           0         1         REC-FILM (E)         0.6         0.6         1.10           0         1         EXISTING LOAD         0.4         0.6         0.8         1.10           0         1         EXISTING LOAD         0.4         0.6         0.8         1.10           0         1         EXISTING LOAD         0.4         0.8         0.8         0.8           0         1         EXISTING LOAD         0.4         0.8         0.8         0.8           0         1         EXISTING LOAD         0.4         0.9         0.8         0.8           0         1         EXISTING LOAD         0.4         0.9         0.8         0.8           0         1         EXISTING LOAD         0.4         0.6         1.11         0.8           0         1         EXISTING LOAD         0.4         0.6         1.10         0.8           0         1         EXISTING LOAD         0.6         1.0         1.0         1.0           0         1         EXISTING LOAD         0.6         0.6         0.8         0.8 <td< td=""><td>0         1         EXISTING LOAD         0.6         1         1.0         1.0           0         1         REC-FILM (E)         0.6         0.6         0.8         0.4         0.6         0.8         0.4         0.4         0.4         0.8         0.4         0.4         0.4         0.8         0.4         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         1.0         0.4         0.4         0.4         0.4         0.5         0.5         1.0         0.4         0.4         0.5         1.0         0.5         1.0         1.0</td><td>0       1       EXISTING LOAD       0.6       0       0       1.0       0       1.0       0       1.0       0       1.0       0       0       1.1       0       0       0.6       0.6       0.6       0.6       0.6       0.1       0.1       0.1       0.4       0.6       0.6       0.8       0.4       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       1.0       0.4       0.4       0.4       0.4       0.4       0.4       0.5       1.0       0.4       0.5       1.0       1.0       0.4       0.5       1.5       1.0       1.0       0.5       1.5       1.0       1.0       0.5</td><td>0       1       EXISTING LOAD       0.6       0.6       0.6       0.6       0.1       0.0       0.1       REC-FILM (E)       0.6       0.6       0.8       0.4       0.8       0.4       0.8       0.4       0.8       0.4       0.4       0.8       0.4       0.4       0.8       0.4       0.4       0.8       0.4       0.4       0.4       0.8       0.4       0.4       0.6       0.8       0.4       0.4       0.6       0.8       0.4       0.4       0.6       0.8       0.4       0.4       0.6       0.8       0.4       0.6       0.6       0.8       0.4       0.6       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.6<!--</td--><td>0       1       EXISTING LOAD       0.6       0.6       1.0       0       1.0       0       0       0       1       REC-FILM(E)       0.6       0.6       0.1       0.1       0.4       0.8       0.4       0.4       0.8       0.4       0.4       0.8       0.4       0.4       0.8       0.4       0.4       0.4       0.8       0.4       0.4       0.8       0.4       0.4       0.8       0.4       0.4       0.8       0.4       0.4       0.4       0.8       0.4       0.4       0.6       0.4       0.4       0.4       0.8       0.4       0.4       0.6       0.4       0.5       1.1       0.5       0.4       0.4       0.5       0.4       0.5       0.5       0.5       0.5       &lt;</td><td>0       1       EXISTING LOAD       0.6       0.6       0       1.0       0       0       0.4       0.4         0       1       REC-FILM (E)       0.6       0.6       0.8       0.4       0.5       0.5         0       1       EXISTING LOAD       0.4       0.4       0.8       0.4       0.4       0.5         0       1       EXISTING LOAD       0.4       0.4       0.8       0.4       0.4       0.5         0       1       EXISTING LOAD       0.4       0.4       0.8       0.4       0.4       0.5         1       EXISTING LOAD       0.4       0.4       0.8       0.8       0.4       0.4       0.5         1       EXISTING LOAD       0.4       0.4       0.9       0.8       0.4       0.4       0.4         1       EXISTING LOAD       0.4       0.4       0.9       0.8       0.4       0.4       0.4         1       EXISTING LOAD       0.4       0.6       0.8       1.1       0.6       0.4         1       EXISTING LOAD       0.4       0.5       1.5       1.0       0.4       0.5         1       EXISTING LOAD       0.6<td>1       EXISTING LAAD       0.6        1.0        0.4       EXISTING LOAD         1       REC-FILM (E)       0.6       0.6       1.1       0.8       0.4       0.5       EXISTING LOAD         1       EXISTING LOAD       0.4       0.6       0.8       0.4       0.5       EXISTING LOAD         1       EXISTING LOAD       0.4       0.4       0.8       0.4       0.4       EXISTING LOAD         1       EXISTING LOAD       0.4       0.4       0.8       0.4       0.4       EXISTING LOAD         1       EXISTING LOAD       0.4       0.4       0.8       0.4       0.4       EXISTING LOAD         1       EXISTING LOAD       0.4       0.4       0.8       0.4       0.4       EXISTING LOAD         1       EXISTING LOAD       0.4       0.4       0.8       0.4       0.4       EXISTING LOAD         1       EXISTING LOAD       0.4       0.4       0.8       0.4       0.4       EXISTING LOAD         1       EXISTING LOAD       0.4       0.5       1.1       0.5       0.4       EXISTING LOAD         1       EXISTING LOAD       0.5       1.5       1.0       0.5&lt;</td><td>1       EXISTING LOAD       0.6       0.6       0.6       0.6       0.6       0.6       0.1       0.0       0.4       EXISTING LOAD       0.6       0.6       0.1       1.0       0.4       0.5       EXISTING LOAD       0.0       0.7       <th0.7< th=""></th0.7<></td><td>1       EXISTING LOAD       0.6       0.6       0.6       0.6       0.6       0.6       0.1       0.0       0.4       EXISTING LOAD       0.4       EXISTING LOAD       0.1       0.1       0.5       EXISTING LOAD       0.0       1         0       1       EXISTING LOAD       0.4       0.6       0.8       0.4       0.4       0.5       EXISTING LOAD       0.1       1       0.1       EXISTING LOAD       0.4       0.6       0.8       0.4       0.4       EXISTING LOAD       0.1       1       EXISTING LOAD       0.4       0.6       0.8       0.4       0.5       EXISTING LOAD       0.0       1       1       EXISTING LOAD       0.4       0.1       1       EXISTING LOAD       0.4       0.1       0.0       0.8       0.4       0.4       EXISTING LOAD       0.0       1       1       EXISTING LOAD       0.4       0.1       1       EXISTING LOAD       0.4       0.4       EXISTING LOAD       0.0       1       1       1       1       0.5       1       0.5       1       0.5       1       0.5       1       0.5       1       0.5       1       0.5       1       0.5       1       0.5       1       0.5       1</td></td></td></td<>	0         1         EXISTING LOAD         0.6         1         1.0         1.0           0         1         REC-FILM (E)         0.6         0.6         0.8         0.4         0.6         0.8         0.4         0.4         0.4         0.8         0.4         0.4         0.4         0.8         0.4         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         1.0         0.4         0.4         0.4         0.4         0.5         0.5         1.0         0.4         0.4         0.5         1.0         0.5         1.0         1.0	0       1       EXISTING LOAD       0.6       0       0       1.0       0       1.0       0       1.0       0       1.0       0       0       1.1       0       0       0.6       0.6       0.6       0.6       0.6       0.1       0.1       0.1       0.4       0.6       0.6       0.8       0.4       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       1.0       0.4       0.4       0.4       0.4       0.4       0.4       0.5       1.0       0.4       0.5       1.0       1.0       0.4       0.5       1.5       1.0       1.0       0.5       1.5       1.0       1.0       0.5	0       1       EXISTING LOAD       0.6       0.6       0.6       0.6       0.1       0.0       0.1       REC-FILM (E)       0.6       0.6       0.8       0.4       0.8       0.4       0.8       0.4       0.8       0.4       0.4       0.8       0.4       0.4       0.8       0.4       0.4       0.8       0.4       0.4       0.4       0.8       0.4       0.4       0.6       0.8       0.4       0.4       0.6       0.8       0.4       0.4       0.6       0.8       0.4       0.4       0.6       0.8       0.4       0.6       0.6       0.8       0.4       0.6       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.6 </td <td>0       1       EXISTING LOAD       0.6       0.6       1.0       0       1.0       0       0       0       1       REC-FILM(E)       0.6       0.6       0.1       0.1       0.4       0.8       0.4       0.4       0.8       0.4       0.4       0.8       0.4       0.4       0.8       0.4       0.4       0.4       0.8       0.4       0.4       0.8       0.4       0.4       0.8       0.4       0.4       0.8       0.4       0.4       0.4       0.8       0.4       0.4       0.6       0.4       0.4       0.4       0.8       0.4       0.4       0.6       0.4       0.5       1.1       0.5       0.4       0.4       0.5       0.4       0.5       0.5       0.5       0.5       &lt;</td> <td>0       1       EXISTING LOAD       0.6       0.6       0       1.0       0       0       0.4       0.4         0       1       REC-FILM (E)       0.6       0.6       0.8       0.4       0.5       0.5         0       1       EXISTING LOAD       0.4       0.4       0.8       0.4       0.4       0.5         0       1       EXISTING LOAD       0.4       0.4       0.8       0.4       0.4       0.5         0       1       EXISTING LOAD       0.4       0.4       0.8       0.4       0.4       0.5         1       EXISTING LOAD       0.4       0.4       0.8       0.8       0.4       0.4       0.5         1       EXISTING LOAD       0.4       0.4       0.9       0.8       0.4       0.4       0.4         1       EXISTING LOAD       0.4       0.4       0.9       0.8       0.4       0.4       0.4         1       EXISTING LOAD       0.4       0.6       0.8       1.1       0.6       0.4         1       EXISTING LOAD       0.4       0.5       1.5       1.0       0.4       0.5         1       EXISTING LOAD       0.6<td>1       EXISTING LAAD       0.6        1.0        0.4       EXISTING LOAD         1       REC-FILM (E)       0.6       0.6       1.1       0.8       0.4       0.5       EXISTING LOAD         1       EXISTING LOAD       0.4       0.6       0.8       0.4       0.5       EXISTING LOAD         1       EXISTING LOAD       0.4       0.4       0.8       0.4       0.4       EXISTING LOAD         1       EXISTING LOAD       0.4       0.4       0.8       0.4       0.4       EXISTING LOAD         1       EXISTING LOAD       0.4       0.4       0.8       0.4       0.4       EXISTING LOAD         1       EXISTING LOAD       0.4       0.4       0.8       0.4       0.4       EXISTING LOAD         1       EXISTING LOAD       0.4       0.4       0.8       0.4       0.4       EXISTING LOAD         1       EXISTING LOAD       0.4       0.4       0.8       0.4       0.4       EXISTING LOAD         1       EXISTING LOAD       0.4       0.5       1.1       0.5       0.4       EXISTING LOAD         1       EXISTING LOAD       0.5       1.5       1.0       0.5&lt;</td><td>1       EXISTING LOAD       0.6       0.6       0.6       0.6       0.6       0.6       0.1       0.0       0.4       EXISTING LOAD       0.6       0.6       0.1       1.0       0.4       0.5       EXISTING LOAD       0.0       0.7       <th0.7< th=""></th0.7<></td><td>1       EXISTING LOAD       0.6       0.6       0.6       0.6       0.6       0.6       0.1       0.0       0.4       EXISTING LOAD       0.4       EXISTING LOAD       0.1       0.1       0.5       EXISTING LOAD       0.0       1         0       1       EXISTING LOAD       0.4       0.6       0.8       0.4       0.4       0.5       EXISTING LOAD       0.1       1       0.1       EXISTING LOAD       0.4       0.6       0.8       0.4       0.4       EXISTING LOAD       0.1       1       EXISTING LOAD       0.4       0.6       0.8       0.4       0.5       EXISTING LOAD       0.0       1       1       EXISTING LOAD       0.4       0.1       1       EXISTING LOAD       0.4       0.1       0.0       0.8       0.4       0.4       EXISTING LOAD       0.0       1       1       EXISTING LOAD       0.4       0.1       1       EXISTING LOAD       0.4       0.4       EXISTING LOAD       0.0       1       1       1       1       0.5       1       0.5       1       0.5       1       0.5       1       0.5       1       0.5       1       0.5       1       0.5       1       0.5       1       0.5       1</td></td>	0       1       EXISTING LOAD       0.6       0.6       1.0       0       1.0       0       0       0       1       REC-FILM(E)       0.6       0.6       0.1       0.1       0.4       0.8       0.4       0.4       0.8       0.4       0.4       0.8       0.4       0.4       0.8       0.4       0.4       0.4       0.8       0.4       0.4       0.8       0.4       0.4       0.8       0.4       0.4       0.8       0.4       0.4       0.4       0.8       0.4       0.4       0.6       0.4       0.4       0.4       0.8       0.4       0.4       0.6       0.4       0.5       1.1       0.5       0.4       0.4       0.5       0.4       0.5       0.5       0.5       0.5       <	0       1       EXISTING LOAD       0.6       0.6       0       1.0       0       0       0.4       0.4         0       1       REC-FILM (E)       0.6       0.6       0.8       0.4       0.5       0.5         0       1       EXISTING LOAD       0.4       0.4       0.8       0.4       0.4       0.5         0       1       EXISTING LOAD       0.4       0.4       0.8       0.4       0.4       0.5         0       1       EXISTING LOAD       0.4       0.4       0.8       0.4       0.4       0.5         1       EXISTING LOAD       0.4       0.4       0.8       0.8       0.4       0.4       0.5         1       EXISTING LOAD       0.4       0.4       0.9       0.8       0.4       0.4       0.4         1       EXISTING LOAD       0.4       0.4       0.9       0.8       0.4       0.4       0.4         1       EXISTING LOAD       0.4       0.6       0.8       1.1       0.6       0.4         1       EXISTING LOAD       0.4       0.5       1.5       1.0       0.4       0.5         1       EXISTING LOAD       0.6 <td>1       EXISTING LAAD       0.6        1.0        0.4       EXISTING LOAD         1       REC-FILM (E)       0.6       0.6       1.1       0.8       0.4       0.5       EXISTING LOAD         1       EXISTING LOAD       0.4       0.6       0.8       0.4       0.5       EXISTING LOAD         1       EXISTING LOAD       0.4       0.4       0.8       0.4       0.4       EXISTING LOAD         1       EXISTING LOAD       0.4       0.4       0.8       0.4       0.4       EXISTING LOAD         1       EXISTING LOAD       0.4       0.4       0.8       0.4       0.4       EXISTING LOAD         1       EXISTING LOAD       0.4       0.4       0.8       0.4       0.4       EXISTING LOAD         1       EXISTING LOAD       0.4       0.4       0.8       0.4       0.4       EXISTING LOAD         1       EXISTING LOAD       0.4       0.4       0.8       0.4       0.4       EXISTING LOAD         1       EXISTING LOAD       0.4       0.5       1.1       0.5       0.4       EXISTING LOAD         1       EXISTING LOAD       0.5       1.5       1.0       0.5&lt;</td> <td>1       EXISTING LOAD       0.6       0.6       0.6       0.6       0.6       0.6       0.1       0.0       0.4       EXISTING LOAD       0.6       0.6       0.1       1.0       0.4       0.5       EXISTING LOAD       0.0       0.7       <th0.7< th=""></th0.7<></td> <td>1       EXISTING LOAD       0.6       0.6       0.6       0.6       0.6       0.6       0.1       0.0       0.4       EXISTING LOAD       0.4       EXISTING LOAD       0.1       0.1       0.5       EXISTING LOAD       0.0       1         0       1       EXISTING LOAD       0.4       0.6       0.8       0.4       0.4       0.5       EXISTING LOAD       0.1       1       0.1       EXISTING LOAD       0.4       0.6       0.8       0.4       0.4       EXISTING LOAD       0.1       1       EXISTING LOAD       0.4       0.6       0.8       0.4       0.5       EXISTING LOAD       0.0       1       1       EXISTING LOAD       0.4       0.1       1       EXISTING LOAD       0.4       0.1       0.0       0.8       0.4       0.4       EXISTING LOAD       0.0       1       1       EXISTING LOAD       0.4       0.1       1       EXISTING LOAD       0.4       0.4       EXISTING LOAD       0.0       1       1       1       1       0.5       1       0.5       1       0.5       1       0.5       1       0.5       1       0.5       1       0.5       1       0.5       1       0.5       1       0.5       1</td>	1       EXISTING LAAD       0.6        1.0        0.4       EXISTING LOAD         1       REC-FILM (E)       0.6       0.6       1.1       0.8       0.4       0.5       EXISTING LOAD         1       EXISTING LOAD       0.4       0.6       0.8       0.4       0.5       EXISTING LOAD         1       EXISTING LOAD       0.4       0.4       0.8       0.4       0.4       EXISTING LOAD         1       EXISTING LOAD       0.4       0.4       0.8       0.4       0.4       EXISTING LOAD         1       EXISTING LOAD       0.4       0.4       0.8       0.4       0.4       EXISTING LOAD         1       EXISTING LOAD       0.4       0.4       0.8       0.4       0.4       EXISTING LOAD         1       EXISTING LOAD       0.4       0.4       0.8       0.4       0.4       EXISTING LOAD         1       EXISTING LOAD       0.4       0.4       0.8       0.4       0.4       EXISTING LOAD         1       EXISTING LOAD       0.4       0.5       1.1       0.5       0.4       EXISTING LOAD         1       EXISTING LOAD       0.5       1.5       1.0       0.5<	1       EXISTING LOAD       0.6       0.6       0.6       0.6       0.6       0.6       0.1       0.0       0.4       EXISTING LOAD       0.6       0.6       0.1       1.0       0.4       0.5       EXISTING LOAD       0.0       0.7 <th0.7< th=""></th0.7<>	1       EXISTING LOAD       0.6       0.6       0.6       0.6       0.6       0.6       0.1       0.0       0.4       EXISTING LOAD       0.4       EXISTING LOAD       0.1       0.1       0.5       EXISTING LOAD       0.0       1         0       1       EXISTING LOAD       0.4       0.6       0.8       0.4       0.4       0.5       EXISTING LOAD       0.1       1       0.1       EXISTING LOAD       0.4       0.6       0.8       0.4       0.4       EXISTING LOAD       0.1       1       EXISTING LOAD       0.4       0.6       0.8       0.4       0.5       EXISTING LOAD       0.0       1       1       EXISTING LOAD       0.4       0.1       1       EXISTING LOAD       0.4       0.1       0.0       0.8       0.4       0.4       EXISTING LOAD       0.0       1       1       EXISTING LOAD       0.4       0.1       1       EXISTING LOAD       0.4       0.4       EXISTING LOAD       0.0       1       1       1       1       0.5       1       0.5       1       0.5       1       0.5       1       0.5       1       0.5       1       0.5       1       0.5       1       0.5       1       0.5       1

	KEY PANELS	
HBS (E)	LBS SEC.II (E)	LBS SEC.I (E)

# **RESTROOM RENOVATION** PURCHASE COLLEGE

STATE UNIVERSITY OF NEW YORK

735 Anderson Hill Rd. Purchase, NY 10577

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MEP Engineer

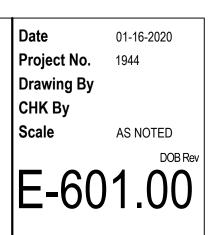
SETTY & Associates, Ltd 149 W 36th Street, 8th floor New York, NY 10018 T 646 253 9000 F 646 224 8497

Rev Date lssue 05 May 2022 Issue for Bid

	1.	TURN ALL SPARE CIRCUIT BREAKERS TO "OFF" POSITION AT COMPLETION OF WORK.
	2.	AT COMPLETION OF PROJECT, PROVIDE TYPE WRITTEN SCHEDULES FOR ALL PANEL BOARDS UTILIZED DURING THE CONSTRUCTION PROCESS INDICATING AS-BUILT CONDITIONS.
	З.	PROVIDE RED COLOR LOCKABLE TYPE BREAKERS FOR CIRCUITS SERVING LIFE SAFETY PANEL BOARDS.
	4.	ALL UNGROUNDED AND GROUNDED CONDUCTORS OF EACH MULTI-WIRE BRACH CIRCUIT ARE TO BE GROUPED BY WIRE TIES OR SIMILAR MEANS AT LEAST ONE LOCATION EITHER WITHIN THE PANEL BOARD OR AT THE OTHER POINT OF ORIGINATION.
	5.	ALL REUSED CIRCUIT NUMBERS INDICATED ON PLAN ARE BASED ON EXISTING DOCUMENTS AND MAY NOT MATCH THE ACTUAL AS-BUILT CONDITION OF THE EXISTING CIRCUITS SERVING THE AREA. CONTRACTOR TO VERIFY THE EXACT CIRCUIT NUMBERS DURING CONSTRUCTION.
	6.	ALL NEW CIRCUIT BREAKERS WHERE PROVIDED MUST BE COMPATIBLE WITH THE EXISTING PANEL BOARD AND SHALL MATCH THE EXISTING UL LISTING, MANUFACTURER MAKE AND AIC RATING.

GENERAL NOTES

Title ELECTRICAL SCHEDULES



		NY PURCHASE COLLEGE -D P1UC(E)	DANCEINS	TRUC	TION	AL FAC		L VOLT				20/208 PH, 4				AIC RATING: MOUNTING:	61	10k					NY PURCHASE
		NCE (WOMEN'S ROOM)					1.10.11	AIN (A				35A M				NEMA TYPE:	50	1		1.000			S ROOM ELEC
KT OC				1	OAD (KV	A)			SEQUE	NCE	1		OAD (KV	A)			000	,	СКТ	СКТ	OCI		1
0. A	-	DESCRIPTION	MISC	-	HVAC		LTG	A	В	C	MISC		HVAC		LTG	DESCRIPTION	A	P	NO.	NO.	A	P	DE
1 20	1	119 CLOCK (E)	0.9					2.1						1.2		REC-OFFICE 133-134-135-136 (E)	20	1	2				BUSSED SPACE
3 20	1	REC-119, 1045 "K" CABINET (E)			- 1	1.2			2.4					1.2		REC-OFFICE 131-132-133 (E)	20	1	4				BUSSED SPACE
5 20	1	REC - WOMEN'S 1044(N)		-		0.2				1.4		-	1		1.2	LTG-120 (E)	20	1	6				BUSSED SPACE
7 20	1	REC-118 STUDIO (E)		-		1.2	1	2.4			11-1	1	1	1	1.2	LTG-120 (E)	20	1	8	1	20	1	LTG-116 (E)
9 20	1	LTG-118 (E)				121	1.2		2.4				1 - 1	1.000	1.2	LTG-119 (E)	20	1	10	3	20	1	LTG - MEN'S 1011
11 20	1	LTG-120 (E)				1	1.2			2.4			1		1.2	LTG-119 (E)	20	1	12	5	20	1	LTG-116 (E)
13 20	1	REC-STUDIO WREMOLD (E)				1.2		2.4			1				1.2	LTG-119 (E)	20	1	14	7	20	1	LTG-HALL & PERI
15 20	1	LTG-120 (E)			1	1.1	1.2		1.2	1			1.1.1		1	SPARE	20	1	16	9	20	1	EXISTING LOAD
17 20	1	REC-CORRIDOR (E)				1.2	2.1			2.4					1.2	LTG-119 (E)	20	1	18	11	20	1	FLOOR HEAT (E)
19 20	1	WATER COOLER (E)	1.2			la E d		2.4					1.01		1.2	LTG-119 (E)	20	1	20	13	20	1	FLOOR HEAT (E)
21 20	1	JBOX - HAND DRYER 1044(N)	1.0						2.2				11.1	1	1.2	LTG-119 (E)	20	1	22	15	20	1	EXISTING LOAD
23 20	1	SPARE		-						0.0	1		1	-	1	SPARE	20	1	24	17	20	1	EXISTING LOAD
25		BUSSED SPACE			· · · · · ·	1	1.1	1.0				· · · · ·	1	1.00	1.0	EXISTING LOAD	70	3	26				BUSSED SPACE
27		BUSSED SPACE							1.0						1.0	1	1	1	28	1			BUSSED SPACE
29		BUSSED SPACE								1.0	1.1			1	1.0	1	1	1	30	CONN	ECTED	LOAL	D (KVA)
ONNECTE	DLO	AD (KVA)	3.1	0.0	0.0	5.0	3.6	10.3	9.2	7.2	0.0	0.0	0.0	2.4	12.6					25% 0	FLAR	GEST	MOTOR (KVA)
5% OF LA	RGES	T MOTOR (KVA)		-					1														
						151														TOTA	CON	ECTE	D LOAD (KVA)
TAL CON	INECT	TED LOAD (KVA)	3.1	0.0	0.0	7.4	16.2	1												DEMA	ND FA	CTOR	
EMAND F	ACTO	R	1.0	1.25	1.0	Х	1.25	1								TOTAL DEMAND (KVA)	31			TOTA	DEMA	ND L	OAD (KVA)
		LOAD (KVA)	3.1	0.0	0.0	7.4	20.3	1								LINE CURRENT (AMPS)	85			N 10	T 401/1		00%, + REMAINDER

			NY PURCHASE COLLEGE -D ILC(E)	ANCEINS	TRUC	TIONA	AL FAC		E& WIR				80/277 PH, 4\				AIC RATING: MOUNTING:	SI	14k URF/	
LOCA	TION	WO	MEN;S ROOM (DANCE)				-	BUS/M	AIN (A	MPS):		9	OA ML	0		-	NEMA TYPE:		1	
СКТ	OCD	)			L	OAD (KV	A)	- 1. A	3 PH	SEQUE	NCE			OAD (KV			A Contractor of the	000	D	СКТ
NO.	Α	Р	DESCRIPTION	MISC	HWH	HVAC	REC	LTG	Α	В	С	MISC	HWH	HVAC	REC	LTG	DESCRIPTION	Α	P	NO.
-			BUSSED SPACE			1		1	0.0				· · · · · ·	1			BUSSED SPACE		1	
			BUSSED SPACE	111		1				0.0							BUSSED SPACE		1	
-		-	BUSSED SPACE								0.0					199	BUSSED SPACE			
1	20	1	LTG-120 (E)	111			111	1.2	2,4					1		1.2	LTG-119 (E)	20	1	2
3	20	1	LTG-120 (E)				1.1	1.2		2.4				I T		1.2	LTG-119 (E)	20	1	4
5	20	1	LTG-120 (E)					1.2			2.4			1		1.2	LTG-119 (E)	20	1	6
7	20	1	LTG-118 (E)				12.1	1.2	2.4		1	1		1		1.2	LTG-119 (E)	20	1	8
9	20	1	LTG-118 (E)					1.2		1.2							SPARE	20	1	10
11	20	1	FLOOR HEAT 119 (E)	1.2			14.1.1				1.7			j		0.5	LTG- WOMEN'S 1044(N) 1	20	1	12
13	20	1	FLOOR HEAT (E)	1.2		P	351		11.2					1	1	10.0	PANEL LP1LA	50	3	14
15	20	1	TIME CLOCK (E)	1.2			1.0.1			1.2				1			1	1	1	16
17	20	1	SPARE		1		1.1				0.0						1	1	1	18
	1.71	111	BUSSED SPACE	1000			11.1		0.0			1.1		1			BUSSED SPACE	1011		
	1		BUSSED SPACE				1.11			0.0			-				BUSSED SPACE			
CONN	ECTED	LOA	D (KVA)	3.6	0.0	0.0	0.0	6.0	16.0	4.8	4.1	0.0	0.0	0.0	0.0	15.3	1		-	
			MOTOR (KVA) ED LOAD (KVA)	3.6	0.0	0.0	0.0	21.3												
	ND FAC				1.25			1.25									TOTAL DEMAND (KIVA)	-		
				1.0	-	1.0	X										TOTAL DEMAND (KVA)	30		
			OAD (KVA) 00%, + REMAINDER @ 50% (N.E.C. 220	3.6	0.0	0.0	0.0	26.6									LINE CURRENT (AMPS)	36	<u>+</u>	

		NY PURCHASE COLLEGE -DAN	CEINS	TRUC	TIONA							80/277				AIC RATING:		144	S
		ILD(E)						E& WIR				PH, 4\				MOUNTING:	SU	JRFA	ACE
-		N'S ROOM ELECCTRICAL ROOM	-				BUS/N	AIN (A			9	0A ML	17 A			NEMA TYPE:	- 1.5.5	1	1
00	1	the second s			OAD (KV	,			SEQUE			_	OAD (KV				001	-	СКТ
A	P	DESCRIPTION	MISC	HWH	HVAC	REC	LTG	A	В	С	MISC	HWH	HVAC	REC	LTG	DESCRIPTION	A	Ρ	NO.
		BUSSED SPACE	1.12	-	1 - L	1 1		0.0	-				1-1.			BUSSED SPACE	o en fint.	12	1
		BUSSED SPACE				1			0.0							BUSSED SPACE			
		BUSSED SPACE							-	0.0			1			BUSSED SPACE			
20	1	LTG-116 (E)					1.2	2.4							1.2	LTG-116 (E)	20	1	2
20	1	LTG - MEN'S 1011(N) 1					0.5		1.7						1.2	LTG-116 (E)	20	1	4
20	1	LTG-116 (E)					1.2			2,4					1.2	LTG-117 (E)	20	1	6
20	1	LTG-HALL & PERIMETER, TIMES (E)		-			1.2	2.4					1		1.2	LTG-117 (E)	20	1	8
20	1	EXISTING LOAD	1.2						2.4					10.1	1.2	LTG-117 (E)	20	1	10
20	1	FLOOR HEAT (E)	1.2					2.4							1.2	EXISTING LOAD	20	1	12
20	1	FLOOR HEAT (E)	1.2						8.2		7.0					SUB FEED TO LP1LB	50	3	14
20	1	EXISTING LOAD	1.2							8.2	7.0					1	1	1	16
20	1	EXISTING LOAD	1.2	_				8.2	-		7.0	-	1			1	1	1	18
	1	BUSSED SPACE	6			11			0.0					1000		BUSSED SPACE		1	
1		BUSSED SPACE			1.1	11.1	1			0.0		1.1		11.1	1211	BUSSED SPACE			
СТ	LOA	D (KVA)	6.0	0.0	0.0	0.0	4.1	15.4	12.3	10.6	21.0	0.0	0.0	0.0	7.2			÷	_
LA	GEST	MOTOR (KVA)										~							
CON	NECTE	ED LOAD (KVA)	27.0	0.0	0.0	0.0	11.3												
ID F	CTOR		1.0	1.25	1.0	Х	1.25									TOTAL DEMAND (KVA)	41		
DEM	AND L	OAD (KVA)	27.0	0.0	0.0	0.0	14.1									LINE CURRENT (AMPS)	49		

PROJ	ECT:	SUI	NY PURCHASE COLLEGE -DA	NCE INS	TRUC	TIONA	AL FAC	PANEL	VOLT	AGE:		1	20/208	3V			AIC RATING:		101	<
PANE	L:	UP	IUD(E)					PHASE	E& WIR	RE:		3	PH, 4\	N			MOUNTING:	SL	JRF/	ACE
OCA	TION	MEN	S ROOM ELEC. ROOM					BUS/M	IAIN (A	MPS):	. I	18	BOA ML	_0_			NEMA TYPE:		1	
CKT	000	)		11	L	OAD (KV	A)		3 PH	SEQUE	NCE		L	OAD (KV	A)			OCD	,	CKT
10.	Α	Ρ	DESCRIPTION	MISC	HWH	HVAC	REC	LTG	Α	В	С	MISC	HWH	HVAC	REC	LTG	DESCRIPTION	Α	Ρ	NO.
1	20	1	REC-STUDIO B1006 (E)	1.2.1			0.5	103	1.5			1.0				1.12	ROOM 1009 2ND 2ND 1008 (E)	20	1	2
3	20	1	REC-STUDIO B1006 (E)				0.8			1.6					0.8		REC-MEN RM 1011 (E)	20	1	4
5	20	1	REC-STUDIO C1012 (E)				0.9				1.7				0.8		REC-MEN RM 1011 (E)	20	1	6
7	20	1	REC-B1006 (E)	101		-	0.8		0.8						1 - 1	177.7	SPARE	20	1	8
9	20	1	REC - RM. 1011 & 1013(N)	4.014			0.4			1.4						1.0	LTG-STUDIO 1006 (E)	20	1	10
11	20	1	JBOX - HAND DRYER RM. 1011(N)	1.0		1T					0.8					0.8	LTG-STUDIO 1006 (E)	20	1	12
13	20	1	LTG-STUDIO B1006 (E)				1	0.8	1.8			120				1.0	LTG-STUDIO 1006 (E)	20	1	14
15	20	1	LTG-STUDIO C1012 (E)	1.1			1	0.6		0.6					5.54		SPARE	20	1	16
17	20	1	LTG-STUDIO C1012 (E)	10-1				0.9			1.9				$\langle C_{i} \rangle$	1.0	LTG-STUDIO C1012 (E)	20	1	18
19	20	1	REC-STUDIO C1012 (E)	1011		E F	0.6		1.6						1.0		REC-C1012 (E)	20	1	20
21	20	1	SPARE							0.0							SPARE	20	1	22
23	20	1	SPARE	-10 = 1			1				0.8	1115			0.8	1	REC-HALL (E)	20	1	24
25	20	1	SPARE				1.1		1.0			1.11		1.1.1.	1.0	1.54	REC-HALL (E)	20	1	26
27			BUSSED SPACE							1.0					1.0	1.00	REC-HALL (E)	20	1	28
29			BUSSED SPACE				11-12				0.0	1.15		1.		1	SPARE	20	1	30
31			BUSSED SPACE						1.0					1.0	I E I		HVEC (E)	90	3	32
33			BUSSED SPACE				1.5			1.0				1.0		1.3	ľ	1	1	34
35			BUSSED SPACE	-1-1							1.0	1		1.0	150	1	1	1	1	36
37	30	3	EXISTING LOAD				1.0	-	2.0			1.0	_			9-10	EXISTING LOAD	70	3	38
39	1	1	I I				1.0			2.0		1.0			: = 1	1:2:2:	ſ	1	1	40
41	1	1	1	-			1.0				2.0	1.0			(		l I	1	1	42
ONN	ECTED	LOA	D (KVA)	1.0	0.0	0.0	7.0	2.3	9.7	7.6	8.2	4.0	0.0	3.0	5.4	3.8	1 g	1.1.1.1.1.1		
5% O	FLAR	GEST	MOTOR (KVA)																	
OTAL	CONN	ECTE	ED LOAD (KVA)	5.0	0.0	3.0	12.4	6.1												
EMA	ND FA	CTOR		1.0	1.25	1.0	х	1.25									TOTAL DEMAND (KVA)	27		
OTAL	DEMA	NDL	OAD (KVA)	5.0	0.0	3.0	11.2	7.6									LINE CURRENT (AMPS)	74		

			NY PURCHASE COLLEGE -DA	NCEINS	TRUC	TIONA	L FAC						20/208				AIC RATING:		10	
			IUD(E)						E& WIR			3	PH, 4\	N			MOUNTING:	SL	JRF	ACE
OCA	TION	MEN	S ROOM ELEC. ROOM		_	-	-	BUS/N	IAIN (A	MPS):	. I	18	BOA ML	_0	_	_	NEMA TYPE:		1	-
KT	000	)		12	L	OAD (KV	A)		3 PH	SEQUE	NCE		L	OAD (KV	A)		2 3. 17	OCD	)	CH
0.	A	Ρ	DESCRIPTION	MISC	HWH	HVAC	REC	LTG	Α	В	C	MISC	HWH	HVAC	REC	LTG	DESCRIPTION	Α	Ρ	NC
1	20	1	REC-STUDIO B1006 (E)	11,211			0.5		1.5			1.0				1.12	ROOM 1009 2ND 2ND 1008 (E)	20	1	
3	20	1	REC-STUDIO B1006 (E)				0.8			1.6					0.8		REC-MEN RM 1011 (E)	20	1	
5	20	1	REC-STUDIO C1012 (E)	1000			0.9				1.7				0.8		REC-MEN RM 1011 (E)	20	1	
7	20	1	REC-B1006 (E)	tite i		1- 1	0.8	in ni	0.8			10.1		1111	r = 1	111.1	SPARE	20	1	
9	20	1	REC - RM. 1011 & 1013(N)	4			0.4			1.4						1.0	LTG-STUDIO 1006 (E)	20	1	1
11	20	1	JBOX - HAND DRYER RM. 1011(N)	1.0		1-1	1				0.8				(=)	0.8	LTG-STUDIO 1006 (E)	20	1	
13	20	1	LTG-STUDIO B1006 (E)	110-1				0.8	1.8			100				1.0	LTG-STUDIO 1006 (E)	20	1	
15	20	1	LTG-STUDIO C1012 (E)	10.00			1	0.6		0.6					3 5 6		SPARE	20	1	
17	20	1	LTG-STUDIO C1012 (E)	1.00				0.9			1.9			1.00	$\langle C_{i} \rangle$	1.0	LTG-STUDIO C1012 (E)	20	1	
19	20	1	REC-STUDIO C1012 (E)	10.000		10.1	0.6		1.6				1		1.0	1.1	REC-C1012 (E)	20	1	
21	20	1	SPARE	1.						0.0						12.5	SPARE	20	1	
23	20	1	SPARE	11 1-11			1.21		1		0.8	1.1.1	11.1		0.8	1.55	REC-HALL (E)	20	1	
25	20	1	SPARE				1		1.0						1.0	1.54	REC-HALL (E)	20	1	
27			BUSSED SPACE		_		·			1.0					1.0	1	REC-HALL (E)	20	1	
29			BUSSED SPACE	1			1-12				0.0			1		1	SPARE	20	1	
31			BUSSED SPACE			1			1.0					1.0		17.1	HVEC (E)	90	3	
33			BUSSED SPACE	1.						1.0				1.0		1.1	ľ	1	1	
35			BUSSED SPACE				1				1.0	1.11		1.0	1251	1	1	1	1	
37	30	3	EXISTING LOAD	1			1.0		2.0			1.0				1.27	EXISTING LOAD	70	3	
39	1	1	Í				1.0			2.0		1.0			: = 1	1:1:1	1	1	1	
41	1	/	1	-			1.0				2.0	1.0					Ţ.	1	. /	
ONNE	ECTED	LOAL	D (KVA)	1.0	0.0	0.0	7.0	2.3	9.7	7.6	8.2	4.0	0.0	3.0	5.4	3.8		1.14		
% 0	FLAR	GEST	Motor (KVA)																	
DTAL	CONN	ECTE	D LOAD (KVA)	5.0	0.0	3.0	12.4	6.1												
	D FA			1.0	1.25	1.0	x	1.25									TOTAL DEMAND (KVA)	27		
TAL	DEMA	NDL	OAD (KVA)	5.0	0.0	3.0	11.2	7.6									LINE CURRENT (AMPS)	74		

	KEY PANELS	
UP1UC (E)	LP1LD (E)	UP1UD (E)
LP1LC (E)		

# **RESTROOM RENOVATION** PURCHASE COLLEGE

STATE UNIVERSITY OF NEW YORK

735 Anderson Hill Rd. Purchase, NY 10577

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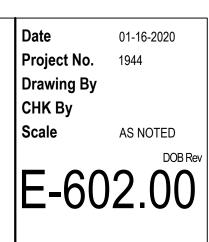
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Rev Date lssue 05 May 2022 Issue for Bid

		GENERAL NOTES
-	1.	TURN ALL SPARE CIRCUIT BREAKERS TO "OFF" POSITION AT COMPLETION OF WORK.
	2.	AT COMPLETION OF PROJECT, PROVIDE TYPE WRITTEN SCHEDULES FOR ALL PANEL BOARDS UTILIZED DURING THE CONSTRUCTION PROCESS INDICATING AS-BUILT CONDITIONS.
	3.	PROVIDE RED COLOR LOCKABLE TYPE BREAKERS FOR CIRCUITS SERVING LIFE SAFETY PANEL BOARDS.
	4.	ALL UNGROUNDED AND GROUNDED CONDUCTORS OF EACH MULTI-WIRE BRACH CIRCUIT ARE TO BE GROUPED BY WIRE TIES OR SIMILAR MEANS AT LEAST ONE LOCATION EITHER WITHIN THE PANEL BOARD OR AT THE OTHER POINT OF ORIGINATION.
	5.	ALL REUSED CIRCUIT NUMBERS INDICATED ON PLAN ARE BASED ON EXISTING DOCUMENTS AND MAY NOT MATCH THE ACTUAL AS-BUILT CONDITION OF THE EXISTING CIRCUITS SERVING THE AREA. CONTRACTOR TO VERIFY THE EXACT CIRCUIT NUMBERS DURING CONSTRUCTION.
	6.	ALL NEW CIRCUIT BREAKERS WHERE PROVIDED MUST BE COMPATIBLE WITH THE EXISTING PANEL BOARD AND SHALL MATCH THE EXISTING UL LISTING, MANUFACTURER MAKE AND AIC RATING.

Title ELECTRICAL SCHEDULES



PROJ			Y PURCHASE COLLEGE -PI	HYSICAL	EDUCA	TION		PANEL	OLTAGE:			0/208V				AIC RATING: MOUNTING:		10	
		A(N)	CTRICAL CLOSET						IN (AMPS):			PH, 3W DA MLO				NEMA TYPE:	5	URF 1	ACE
CKT	OCD				LC	AD (KVA)			1 PH SEC	UENCE		-	LOAD (KVA	A)			OC	D	CKT
NO.	A	P	DESCRIPTION	MISC	HWH	HVAC	REC	LTG	A	В	MISC	HWH	HVAC	REC	LTG	DESCRIPTION	A	Ρ	NO.
1	20	1	LTG - RM 2012,2013,2012A,2013A		-		1	0.6	1.7				1	1,1		REC - RM. 2012,2013,2012A,2013A	20	1	2
3	20	1	REC - EWC/GFI 2017			11.44	0.4	1		1.4	1.0	1.1				JBOX - HAND DRYER RM. 2012A	20	1	4
5	20	1	JBOX - HAND DRYER RM. 2013	1.0		12.2.2			2.0		1.0	12 1			12.1	JBOX - HAND DRYER RM. 2013	20	1	6
7	20	1	JBOX - HAND DRYER RM. 2012	1.0						2.0	1.0	6.5				JBOX - HAND DRYER RM. 2012A	20	1	8
9	1.171		BUSSED SPACE						0.0			$1 \le 10^{12}$				BUSSED SPACE			10
11			BUSSED SPACE							0.0	1.00		c i			BUSSED SPACE		1	12
	ECTED		(KVA) Notor (KVA)	2.0	0.0	0.0	0.4	0.6	3.7	3.4	3.0	0.0	0.0	1.1	0.0				
TOTAL	CONN	ECTED	DLOAD (KVA)	5.0	0.0	0.0	1.5	0.6											
DEMA	ND FAC	TOR		1.0	1.25	1.0	х	1.25								TOTAL DEMAND (KVA)	7		
TOTAL	DEMA	NDLO	AD (KVA)	5.0	0,0	0.0	1.5	0.8								LINE CURRENT (AMPS)	35		
X= 15	10KV	0 10	0%, + REMAINDER @ 50% (N.E.C. 220-4	(4)												HWH - HOT WATER HEATER			

PROJECT:	SUNY PURCHASE COLLEGE -PHYSICAL EDUCATION
PANEL:	PANEL BY LOCKERS/CLASS RM. (E)
LOCATION	BASEMENT ELECTRICAL ROOM

PANE	L:	PAN	IY PURCHASE COLLEGE -PH' EL BY LOCKERS/CLASS RM. EMENT ELECTRICAL ROOM		EDUC.	ATION		PANEL PHASE BUS/M	& WIR	E:		3	20/208 PH, 4 00A MI	N			AIC RATING: MOUNTING: NEMA TYPE:	SI	10k JRFA 1	1. A
CKT	OCD			- 1 I	L	OAD (KV	A)		3 PH	SEQUE	NCE		L	OAD (KV	A)			OCE	)	C
NO.	Α	P	DESCRIPTION	MISC	HWH	HVAC	REC	LTG	A	В	С	MISC	HWH	HVAC	REC	LTG	DESCRIPTION	Α	Ρ	NC
1	20	1	EXISTING LOAD	0.6	1		12.3		1.4						0.8	1611	EXISTING LOAD	20	1	
3	20	1	EXISTING LOAD	0.6			1	1		1.6		1.0	1	1	11 <i></i>		EXISTING LOAD	60	3	
5	20	1	EXISTING LOAD	0.6							1.6	1.0			1211		1	1	1	
7	20	1	EXISTING LOAD	0.6					1.6			1.0	1				1	1	T	
9	20	1	EXISTING LOAD				0.8	11		1.6					0.8	inf i	EXISTING LOAD	20	1	
11	60	2	PANEL A(N) 2	1.7	0.0	0.0	0.5	0.2			3.0	0.6					EXISTING LOAD	30	3	
13	1	1	1	1.7	0.0	0.0	0.5	0.2	3.0			0.6			-		/	1	1	
15	20	2	EXISTING LOAD				0.8			1.4		0.6	1.1		1		1	1	/	
17	/	1	/				0.8				1.4			0.6			EXISTING LOAD	30	3	
19	20	1	EXISTING LOAD				0.8	1	1.4					0.6			i	1	1	
21	30	2	EXISTING LOAD	0.9	1					1.5				0.6			1	/	/	1
23	1	1	/	0.9							1.7				0.8		EXISTING LOAD	20	1	13
			) (KVA) MOTOR (KVA)	7.5	0.0	0.0	4.2	0.4	7.4	6.1	7.7	4.8	0.0	1.8	2.4	0.0				
TOTAL	CONN	ECTE	D LOAD (KVA)	12.3	0.0	1.8	6.6	0.4												
DEMAN	D FAC	TOR		1.0	1.25	1.0	Х	1.25									TOTAL DEMAND (KVA)	21		
TOTAL	DEMA	NDLC	DAD (KVA)	12.3	0.0	1.8	6.6	0.5								-	LINE CURRENT (AMPS)	59		
			00%, + REMAINDER @ 50% (N.E.C. 220-44 Cuit Made Available After Demolit									2	PROVI	DE NEW	CIRCUI	T BREA	HWH - HOT WATER HEATER KER			

KEY PA	ANELS
PANEL 'A' (N)	PANEL BY LOCKERS/ CLASS RM. (E)

RELOCATED EXISTING LOAD AND CIRCUIT BREAKER FROM CIRCUIT #11 TO CIRCUIT #9.

# **RESTROOM RENOVATION** PURCHASE COLLEGE

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MEP Engineer

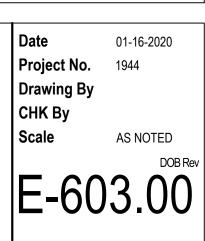
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### GENERAL NOTES

- 1. TURN ALL SPARE CIRCUIT BREAKERS TO "OFF" POSITION AT COMPLETION OF WORK.
- 2. AT COMPLETION OF PROJECT, PROVIDE TYPE WRITTEN SCHEDULES FOR ALL PANEL BOARDS UTILIZED DURING THE CONSTRUCTION PROCESS INDICATING AS-BUILT CONDITIONS.
- 3. PROVIDE RED COLOR LOCKABLE TYPE BREAKERS FOR CIRCUITS SERVING LIFE SAFETY PANEL BOARDS.
- 4. ALL UNGROUNDED AND GROUNDED CONDUCTORS OF EACH MULTI-WIRE BRACH CIRCUIT ARE TO BE GROUPED BY WIRE TIES OR SIMILAR MEANS AT LEAST ONE LOCATION EITHER WITHIN THE PANEL BOARD OR AT THE OTHER POINT OF ORIGINATION.
- 5. ALL REUSED CIRCUIT NUMBERS INDICATED ON PLAN ARE BASED ON EXISTING DOCUMENTS AND MAY NOT MATCH THE ACTUAL AS-BUILT CONDITION OF THE EXISTING CIRCUITS SERVING THE AREA. CONTRACTOR TO VERIFY THE EXACT CIRCUIT NUMBERS DURING CONSTRUCTION.
- 6. ALL NEW CIRCUIT BREAKERS WHERE PROVIDED MUST BE COMPATIBLE WITH THE EXISTING PANEL BOARD AND SHALL MATCH THE EXISTING UL LISTING, MANUFACTURER MAKE AND AIC RATING.
- PROVIDE ARC FLASH WARNING LABELS FOR ALL NEW PANEL BOARDS.

### Title ELECTRICAL SCHEDULES



			NY PURCHASE COLLEGE -	LIBR	ARY B	UILDI	NG			LVOLT				20/208			12	AIC RATING:	- D.	10k					NY PURCHAS
PANE	EL:	LS-	4 SEC.II (E)						PHAS	E& WIF	RE:		3	BPH, 4	W			MOUNTING:	SL	JRFA	ACE	PANE	£L:	LS-	4 SEC.I (E)
LOC	ATION	MEN	I'S ELEC. CLOSET 1009						BUS/N	AIN (A	MPS):		1	00A M	LO			NEMA TYPE:	-	1		LOCA	ATION	MEN	N'S ELEC. CLOS
СКТ	000	)		11		L	OAD (K)	/A)		3 Pl	HSEQUE	NCE		L	oad (KV	A)	- 51		OCE	)	CKT	СКТ	000	)	
NO.	Α	P	DESCRIPTION		MISC	HWH	HVAC	REC	LTG	Α	В	С	MISC	HWH	HVAC	REC	LTG	DESCRIPTION	Α	Ρ	NO.	NO.	Α	Ρ	DE
43	20	1	REC - LOBBY 1007D(N)	2			1	0.5		1.1			0.6		1			EXISTING LOAD	20	1	44	1	20	1	CIRCULATION DE
45	20	1	REC - RM. 10083,1008,1009(N)					0.7			1.9		1.2		1	te.		EXISTING LOAD	20	1	46	3	20	1	CIRCULATION DE
47	20	1	REC - EWC/GFI(N)					0.4				1.6	1.2		11.11			EXISTING LOAD	20	1	48	5	20	1	CIRCULATION D
49	20	1	JBOX - HAND DRYER RM.1009(N)	1	1.0		12.1	1.1		2.2			1.2		1 - 1			EXISTING LOAD	20	1	50	7	20	1	CIRCULATION DE
51	20	1	JBOX - HAND DRYER RM.1009(N)		1.0			1.1			1.6				1.1.1	17.5	0.6	EXISTING LOAD	20	1	52	9	20	1	WALL WASH S. W
53	20	1	JBOX - HAND DRYER RM.1008(N)		1.0			1				2.2			1		1.2	EXISTING LOAD	20	1	54	11	20	1	WALL WASH S. W
55	20	1	JBOX - HAND DRYER RM.1008(N)		1.0	_	1	$[\cdot]_{i}=[\cdot]_{i}$	1	1.6			0.6		) )	1		EXISTING LOAD	20	1	56	13	20	1	WALL WASH S. W
57	20	1	JBOX - HAND DRYER RM.1008B(N)	1	1.0	1.11					2,2		1.2		1122	19.17		EXISTING LOAD	20	1	58	15	20	1	PLUG STAFF RO
59			BUSSED SPACE	-								0.8	0.8		1			EXISTING LOAD	20	1	60	17	20	1	CATALOG AREA
61			BUSSED SPACE							0.9			0.9	-	1221			EXISTING LOAD	20	1	62	19	20	1	EXISTING LOAD
63			BUSSED SPACE					1 1			1.2				1	1.2		EXISTING LOAD	20	1	64	21	20	1	RANGE KITCHEN
65			BUSSED SPACE									0.8				0.8		EXISTING LOAD	20	1	66	23	20	1	EXISTING LOAD
67		1.1	BUSSED SPACE							0.6					1	0.6		EXISTING LOAD	20	1	68	25	20	1	EXISTING LOAD
69			BUSSED SPACE				1	1			1.2					1.2	-	EXISTING LOAD	20	1	70	27	20	1	EXISTING LOAD
71			BUSSED SPACE				1	1				0.6			1	0.6		EXISTING LOAD	20	1	72	29	20	1	EXISTING LOAD
73	50	3	EXISTING LOAD		0.8			1001		2.0					10.01	1.2		EXISTING LOAD	20	1	74	31	20	1	EXISTING LOAD
75	1	1	/		0.8						2.0			-		1.2		EXISTING LOAD	20	1	76	33	20	1	EXISTING LOAD
77	1	1	1		0.8							1.4	100		2.2	0.6		EXISTING LOAD	20	1	78	35	20	-1	EXISTING LOAD
79	90	3	EXISTING LOAD		0.5			1		1.7			1.2		)	1.00		EXISTING LOAD	20	1	80	37	20	1	EXISTING LOAD
81	1	1	Y		0.5			1			1.3		0.8		1 1			EXISTING LOAD	20	1	82	39	20	1	EXISTING LOAD
83	1	1	1		0.5							0.5			1101			BUSSED SPACE			84	41	20	1	EXISTING LOAD
CONN	ECTED	LOA	D (KVA)		8.9	0.0	0.0	1.7	0.0	10.1	11.4	7.9	9.7	0.0	0.0	7.4	1.8					1			BUSSED SPACE
25% C	FLAR	GEST	MOTOR (KVA)		1			1.1					-	-				-				CONN	ECTEL	LOA	D (KVA)
							1	1														TOTAL	CONI	IECTE	D LOAD (SECTION
TOTAL	CONN	ECTE	D LOAD (KVA)		18.6	0.0	0.0	9.1	1.8	1												TOTAL	CONI	NECTE	D LOAD (SECTION
DEMA	ND FA	CTOR			1.0	1.25	1.0	X	1.25									TOTAL DEMAND (KVA)	30			25% 0	FLAR	GEST	MOTOR (KVA)
			OAD (KVA)		18.6	0.0	0.0	9.1	2.3									LINE CURRENT (AMPS)	83			TOTAL	CON	ECTE	ED LOAD (KVA)
	St - 12.	1. Y. 1	00%, + REMAINDER @ 50% (N.E.C. 22	0-44)	1	-			1000					-		_	_	HWH - HOT WATER HEATER				1.00.000	ND FA		12 - 2 - 2 - 6 - 7 - 6
1			CUIT MADE AVAILABLE AFTER DEM		N								2	PROVI	DENEW	CIRCIN	TRRE					201 40 1			OAD (KVA)
-	01701	E OIII		oenno									1	inon	DEMEN	ontoor	TURES	utert							00% + REMAINDE

= 1ST	10KV/	@1	00%, + REMAINDER @ 50% (N.E.C. 220	)-44)											_		HWH - HOT WATER HEATER				DEMAND FACTOR
			CUIT MADE AVAILABLE AFTER DEMO									2	PROVID	DENEW	CIRCUI	TBRE/	KER				TOTAL DEMAND LOAD (KV
																					X= 1ST 10KVA @ 100%, + RE SPARE CIRCUIT MA
ROJE	CT:	SUI	NY PURCHASE COLLEGE -L	IBRARY B	UILDI	NG	-	PANEL	VOLT	AGE:		1	20/208	8V			AIC RATING:		10	<	
ANEL	.:	ES	(E)					PHASE	& WIR	E:		3	PH, 4	N			MOUNTING:	SI	JRF/	ACE	b.
			S ELEC. CLOSET 1009					BUS/M	AIN (A	MPS):		10	DOA MO	СВ			NEMA TYPE:		1		1
KT	OCD	1.			L	OAD (KV	A)		3 PH	SEQUE	NCE		L	OAD (KV	A)	_ [1]		OCI	)	CKT	r
0.	Α	Ρ	DESCRIPTION	MISC	HWH	HVAC	REC	LTG	A	В	С	MISC	HWH	HVAC	REC	LTG	DESCRIPTION	A	P	NO.	
1	20	1	EXISTING LOAD	1.2		-	0.3		2.4			1.2		1			EXISTING LOAD	20	1	2	
3	20	1	EXISTING LOAD	0.8	[]					2.0		1.2					EXISTING LOAD	20	1	4	
5	20	1	EXISTING LOAD	1.0							2.2	1.2		1			EXISTING LOAD	20	1	6	í .
7	20	4	EXISTING LOAD	1.0			1.1		2,2			1.2		1			EXISTING LOAD	20	1	8	1.
9	20	1	EXISTING LOAD	1.0			(1 . T)			2.2						1.2	EXISTING LOAD	20	1	10	2
11	20	1	EXISTING LOAD				1.2				2,4					1.2	EXISTING LOAD	20	1	12	2
13	20	1	EXISTING LOAD				1.2		2.4			1.2				1	EXISTING LOAD	20	1	14	4
15	20	1	EXISTING LOAD				1.2			2.4		1.2					EXISTING LOAD	20	1	16	5
17	20	1	EXISTING LOAD				0.8				2.0	1.2		1			EXISTING LOAD	20	1	18	3
19			BUSSED SPACE						0.0					1			BUSSED SPACE			20	)
21			BUSSED SPACE							0.0							BUSSED SPACE			22	2
23			BUSSED SPACE	-			9 T (	1 Tot.			0.0						BUSSED SPACE			24	4
25	100	3	MAIN BREAKER (E)	2.0					2.0									-		26	5
27	1	1	1	2.0						2,0										28	3
29	1	1	/	2.0		6.1					2.0				-	-				30	)
			d (KVA) Motor (KVA)	11.0	0.0	0.0	4.4	0.0	9.0	8.6	8.6	8.4	0.0	0.0	0.0	2.4					

2 PROVIDE NEW CIRCUIT BREAKER

TOTAL DEMAND (KVA)

LINE CURRENT (AMPS)

HWH - HOT WATER HEATER

74

1 SPARE CIRCUIT MADE AVAILABLE AFTER DEMOLITION

19.4 0.0 0.0 4.4 2.4

1.0 1.25 1.0 X 1.25

19.4 0.0 0.0 4.4 3.0

DEMAND FACTOR

TOTAL CONNECTED LOAD (KVA)

X= 1ST 10KVA @ 100%, + REMAINDER @ 50% (N.E.C. 220-44)

TOTAL DEMAND LOAD (KVA)

PANE	L:	LS-4	IY PURCHASE COLLEGE -LIB SEC.I (E) SELEC. CLOSET 1009	RARY B	UILDIN	١G	×.	PHAS	E & WIR	E:		3	20/208 PH, 4 00A M0	N			AIC RATING: MOUNTING: NEMA TYPE:	SL	10ł JRF/ 1	ACE
CKT OC					LOAD (KVA)						S/MAIN (AMPS): 200A MCB 3 PH SEQUENCE LOAD (KVA)			A)			OCD	OCD		
NO.	A	P	DESCRIPTION	MISC	HWH	HVAC	REC	LTG	A	В	С	MISC	HWH	HVAC	REC	LTG	DESCRIPTION	A	P	CK
1	20	1	CIRCULATION DESK (E)	0.6					1.4			0.8			-		WALL WASH S. WALL (E)	20	1	
3	20	1	CIRCULATION DESK (E)	0.6		1	11.5.1	1		1.2		0.6		1. 1	1		WALL WASH S. WALL (E)	20	1	1 10
5	20	1	CIRCULATION DESK (E)	1.2		-	1111	-			2.4	1.2					WALL WASH S. WALL (E)	20	1	
7	20	1	CIRCULATION DESK (E)	1.2			91.1		2.0			0.8			1		WALL WASH S. WALL (E)	20	1	-
9	20	1	WALL WASH S. WALL (E)	0.8						1.0				1		0.2	LTG-STAIR WAY (E)	20	1	1
11	20	1	WALL WASH S. WALL (E)	1.2	-		1				1.7	· · · · · · ·	1-0-	1 - 1		0.5	LTG-STAIR WAY (E)	20	1	1
13	20	1	WALL WASH S. WALL (E)	0.8			1.1		1.6			0.8					CATALOG AREA (E)	20	1	1
15	20	1	PLUG STAFF ROOM 11-15 (E)	1.2			1.51	1		2,4		1.2	1.0	1	1		CATALOG AREA (E)	20	1	1
17	20	1	CATALOG AREA (HAND DRYER) (E)	0.6							1.8	1.2		1			EXISTING LOAD	20	1	1
19	20	1	EXISTING LOAD	0.6		1	(a)		1.5			0.9		1		-	VENDING MECHINE (E)	15	1	1
21	20	1	RANGE KITCHEN (E)	1.0			1.11			1.6				1	0.6		EXISTING LOAD	20	1	
23	20	1	EXISTING LOAD	1	-		0.5				0.9				0.4		EXISTING LOAD	20	1	1
25	20	1	EXISTING LOAD				0.6		1.8						1.2		EXISTING LOAD	20	1	1
27	20	1	EXISTING LOAD				1.2			2.0				1	0.8		EXISTING LOAD	20	1	2
29	20	1	EXISTING LOAD				0.6				1.8	1		1	1.2	1	EXISTING LOAD	20	1	3
31	20	1	EXISTING LOAD				0.6		1.4						0.8	1.1	EXISTING LOAD	20	1	1
33	20	1	EXISTING LOAD			1.1	0.6			1.8				1	1.2		EXISTING LOAD	20	1	3
35	20	1	EXISTING LOAD			-	1.2	-			2.0		1	1	0.8	- 51	EXISTING LOAD	20	1	1
37	20	1	EXISTING LOAD	1	1		0.6		1.8			1.2					EXISTING LOAD	20	1	1
39	20	1	EXISTING LOAD	0.5				1		1.3		0.8					EXISTING LOAD	20	1	4
41	20	1	EXISTING LOAD	0.8							2.0	1.2					EXISTING LOAD	20	1	4
	1-1		BUSSED SPACE											1		10.23	BUSSED SPACE			
CONN	ECTED	LOAD	) (KVA)	11,1	0.0	0.0	5.9	0.0	11.5	11.3	12.6	10.7	0.0	0.0	7.0	0.7				
TOTAL	CONN	ECTE	D LOAD (SECTION 1)	21.8	0.0	0.0	12.9	0.7												
TOTAL	CONN	ECTE	D LOAD (SECTION 2)	18.6	0.0	0.0	9.1	1.8												
25% 0	FLAR	SEST	MOTOR (KVA)			122	1.1	1.1												
TOTAL CONNECTED LOAD (KVA)		40.4	0.0	0.0	22.0	2.5														
DEMA	ND FAC	TOR		1.0	1.25	1.0	х	1.25									TOTAL DEMAND (KVA)	60		
TOTAL	DEMA	NDLO	DAD (KVA)	40.4	0.0	0.0	16.0	3.1									LINE CURRENT (AMPS)	165		

PROJECT:	SUNY PURCHASE COLLEGE -LIBRARY BUILDING
PANEL:	HS-4 (E)
	MENIO EL EO, DOOM 4000

PROJ	ECT:	SUI	NY PURCHASE COLLEGE -LIBRA	RYB	UILDIN	IG		PANEL	VOLT	AGE:		1	20/208	3V			AIC RATING:		10	K
PANE	L:	HS-	4 (E)					PHASE	E& WIR	E:		3	PH, 4	W			MOUNTING:	S	URF	ACE
OCA	TION	MEN	S ELEC. ROOM 1009					BUS/M	IAIN (A	MPS):		10	DOA MO	СВ			NEMA TYPE:		1	
СКТ	000	)			L	OAD (KV	A)		3 PH	SEQUE	NCE		L	OAD (KV	A)			00	D	CKT
NO.	A	P	DESCRIPTION	MISC	HWH	HVAC	REC	LTG	Α	В	С	MISC	HWH	HVAC	REC	LTG	DESCRIPTION	A	P	NO.
1	20	1	LTG - DUPLICATION AND SEC. CEILING (E)		1	1	1-11	1.2	2.4				· · · · ·	1	1-1	1.2	LTG - STAFF RANGE CEILING (E)	20	1	2
3	20	1	LTG - STAFF RANGE CEILING (E)					1.2		2.4					1.1	1.2	LTG-1008,1008B,1009 1	20	1	4
5	20	1	LTG - CORRIDOR CEILING (E)				1.1	1.2			2.4	1.2			1	1.	EXISTING LOAD	20	1	6
7	20	1	EXISTING LOAD	1.2				1111	2.4			1.2				1.61	SUB FEED TO HS-4A (E)	60	3	8
9	20	1	CONFERENCE AND DIRECTOR CEILING (E)	1.2		1.11				2.4		1.2		1.1		1.1	1	1	/	10
11	20	1	EXISTING LOAD	1.2							2.4	1.2			100	1.53	1	1	1	12
ONN	ECTED	LOA	D (KVA)	3.6	0.0	0.0	0.0	3.6	4.8	4.8	4.8	4.8	0.0	0.0	0.0	2.4				
5% 0	FLAR	GEST	MOTOR (KVA)																	
				1																
TOTAL	CONN	IECTE	D LOAD (KVA)	8.4	0.0	0.0	0.0	6.0												
DEMA	ND FA	CTOR		1.0	1.25	1.0	Х	1.25									TOTAL DEMAND (KVA)	1	6	
TOTAL	DEMA	ND L	OAD (KVA)	8.4	0.0	0.0	0.0	7.5	-								LINE CURRENT (AMPS)	4	4	
(= 151	10KV	A@1	00%, + REMAINDER @ 50% (N.E.C. 220-44)	1		1.00											HWH - HOT WATER HEATER			

	KEY PANELS	
LS-4 SEC.II (E)	LS-4 SEC.I (E)	HS-4 (E)
ES (E)		

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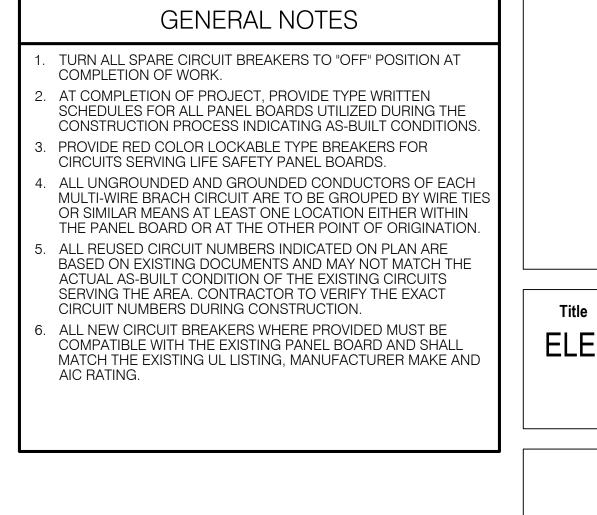
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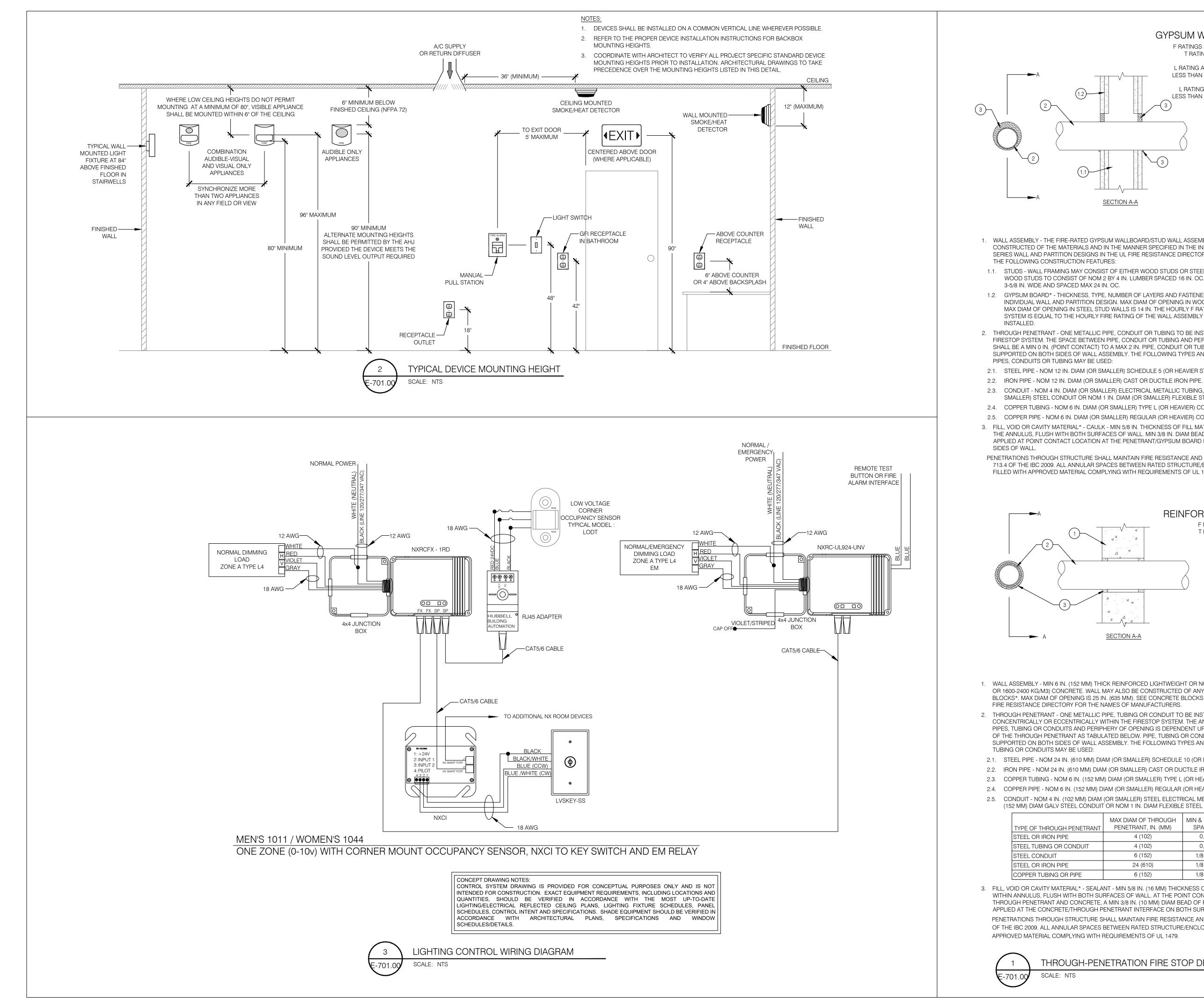
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Rev Date Issue 05 May 2022 Issue for Bid

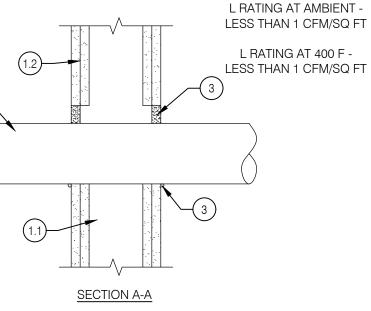


ELECTRICAL SCHEDULES









1. WALL ASSEMBLY - THE FIRE-RATED GYPSUM WALLBOARD/STUD WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER SPECIFIED IN THE INDIVIDUAL U300 OR U400 SERIES WALL AND PARTITION DESIGNS IN THE UL FIRE RESISTANCE DIRECTORY AND SHALL INCLUDE

1.1. STUDS - WALL FRAMING MAY CONSIST OF EITHER WOOD STUDS OR STEEL CHANNEL STUDS. WOOD STUDS TO CONSIST OF NOM 2 BY 4 IN. LUMBER SPACED 16 IN. OC. STEEL STUDS TO BE MIN

1.2. GYPSUM BOARD\* - THICKNESS, TYPE, NUMBER OF LAYERS AND FASTENERS AS REQUIRED IN THE INDIVIDUAL WALL AND PARTITION DESIGN. MAX DIAM OF OPENING IN WOOD STUD WALLS IS 8 IN. MAX DIAM OF OPENING IN STEEL STUD WALLS IS 14 IN. THE HOURLY F RATING OF THE FIRESTOP SYSTEM IS EQUAL TO THE HOURLY FIRE RATING OF THE WALL ASSEMBLY IN WHICH IT IS

2. THROUGH PENETRANT - ONE METALLIC PIPE, CONDUIT OR TUBING TO BE INSTALLED WITHIN THE FIRESTOP SYSTEM. THE SPACE BETWEEN PIPE, CONDUIT OR TUBING AND PERIPHERY OF OPENING SHALL BE A MIN 0 IN. (POINT CONTACT) TO A MAX 2 IN. PIPE, CONDUIT OR TUBING TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF WALL ASSEMBLY. THE FOLLOWING TYPES AND SIZES OF METALLIC

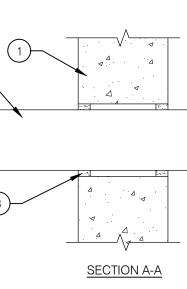
2.1. STEEL PIPE - NOM 12 IN. DIAM (OR SMALLER) SCHEDULE 5 (OR HEAVIER STEEL PIPE.

2.3. CONDUIT - NOM 4 IN. DIAM (OR SMALLER) ELECTRICAL METALLIC TUBING, NOM 6 IN. DIAM (OR SMALLER) STEEL CONDUIT OR NOM 1 IN. DIAM (OR SMALLER) FLEXIBLE STEEL CONDUIT. 2.4. COPPER TUBING - NOM 6 IN. DIAM (OR SMALLER) TYPE L (OR HEAVIER) COPPER TUBING.

2.5. COPPER PIPE - NOM 6 IN. DIAM (OR SMALLER) REGULAR (OR HEAVIER) COPPER PIPE. 3. FILL, VOID OR CAVITY MATERIAL\* - CAULK - MIN 5/8 IN. THICKNESS OF FILL MATERIAL APPLIED WITHIN

THE ANNULUS, FLUSH WITH BOTH SURFACES OF WALL. MIN 3/8 IN. DIAM BEAD OF FILL MATERIAL APPLIED AT POINT CONTACT LOCATION AT THE PENETRANT/GYPSUM BOARD INTERFACE ON BOTH

PENETRATIONS THROUGH STRUCTURE SHALL MAINTAIN FIRE RESISTANCE AND COMPLY WITH SECTION 713.4 OF THE IBC 2009. ALL ANNULAR SPACES BETWEEN RATED STRUCTURE/ENCLOSURE SHALL BE FILLED WITH APPROVED MATERIAL COMPLYING WITH REQUIREMENTS OF UL 1479.



**REINFORCED CONCRETE** F RATING - 2 HR. T RATING - 0 HR.

1. WALL ASSEMBLY - MIN 6 IN. (152 MM) THICK REINFORCED LIGHTWEIGHT OR NORMAL WEIGHT (100-150 PCF OR 1600-2400 KG/M3) CONCRETE. WALL MAY ALSO BE CONSTRUCTED OF ANY UL CLASSIFIED CONCRETE BLOCKS\*. MAX DIAM OF OPENING IS 25 IN. (635 MM). SEE CONCRETE BLOCKS (CAZT) CATEGORY IN THE FIRE RESISTANCE DIRECTORY FOR THE NAMES OF MANUFACTURERS.

2. THROUGH PENETRANT - ONE METALLIC PIPE, TUBING OR CONDUIT TO BE INSTALLED EITHER CONCENTRICALLY OR ECCENTRICALLY WITHIN THE FIRESTOP SYSTEM. THE ANNULAR SPACE BETWEEN PIPES, TUBING OR CONDUITS AND PERIPHERY OF OPENING IS DEPENDENT UPON THE TYPE AND MAX DIAM OF THE THROUGH PENETRANT AS TABULATED BELOW. PIPE, TUBING OR CONDUIT TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF WALL ASSEMBLY. THE FOLLOWING TYPES AND SIZES OF METALLIC PIPES,

2.1. STEEL PIPE - NOM 24 IN. (610 MM) DIAM (OR SMALLER) SCHEDULE 10 (OR HEAVIER) STEEL PIPE. 2.2. IRON PIPE - NOM 24 IN. (610 MM) DIAM (OR SMALLER) CAST OR DUCTILE IRON PIPE.

2.3. COPPER TUBING - NOM 6 IN. (152 MM) DIAM (OR SMALLER) TYPE L (OR HEAVIER) COPPER TUBING 2.4. COPPER PIPE - NOM 6 IN. (152 MM) DIAM (OR SMALLER) REGULAR (OR HEAVIER) COPPER PIPE. 2.5. CONDUIT - NOM 4 IN. (102 MM) DIAM (OR SMALLER) STEEL ELECTRICAL METALLIC TUBING, NOM 6 IN.

(152 MM) DIAM GALV STEEL CONDUIT OR NOM 1 IN. DIAM FLEXIBLE STEEL CONDUIT

I PENETRANT	MAX DIAM OF THROUGH PENETRANT, IN. (MM)	MIN & MAX ANNULAR SPACE, IN. (MM)
E	4 (102)	0, 1-1/2 (38)
CONDUIT	4 (102)	0, 1-1/2 (38)
	6 (152)	1/8 (3), 1/2 (13)
E	24 (610)	1/8 (3), 1/2 (13)
R PIPE	6 (152)	1/8 (3), 1/2 (13)

3. FILL, VOID OR CAVITY MATERIAL\* - SEALANT - MIN 5/8 IN. (16 MM) THICKNESS OF FILL MATERIAL APPLIED WITHIN ANNULUS, FLUSH WITH BOTH SURFACES OF WALL. AT THE POINT CONTACT LOCATION BETWEEN THROUGH PENETRANT AND CONCRETE, A MIN 3/8 IN. (10 MM) DIAM BEAD OF FILL MATERIAL SHALL BE APPLIED AT THE CONCRETE/THROUGH PENETRANT INTERFACE ON BOTH SURFACES OF WALL. PENETRATIONS THROUGH STRUCTURE SHALL MAINTAIN FIRE RESISTANCE AND COMPLY WITH SECTION 713.4 OF THE IBC 2009. ALL ANNULAR SPACES BETWEEN RATED STRUCTURE/ENCLOSURE SHALL BE FILLED WITH APPROVED MATERIAL COMPLYING WITH REQUIREMENTS OF UL 1479.

HROUGH-PENETRATION FIRE STOP DETAILS

**RESTROOM RENOVATION** PURCHASE COLLEGE

STATE UNIVERSITY OF NEW YORK

735 Anderson Hill Rd. Purchase, NY 10577

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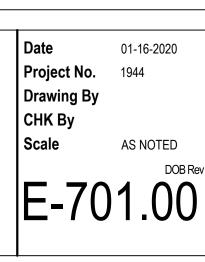
Ronnette Riley Architect

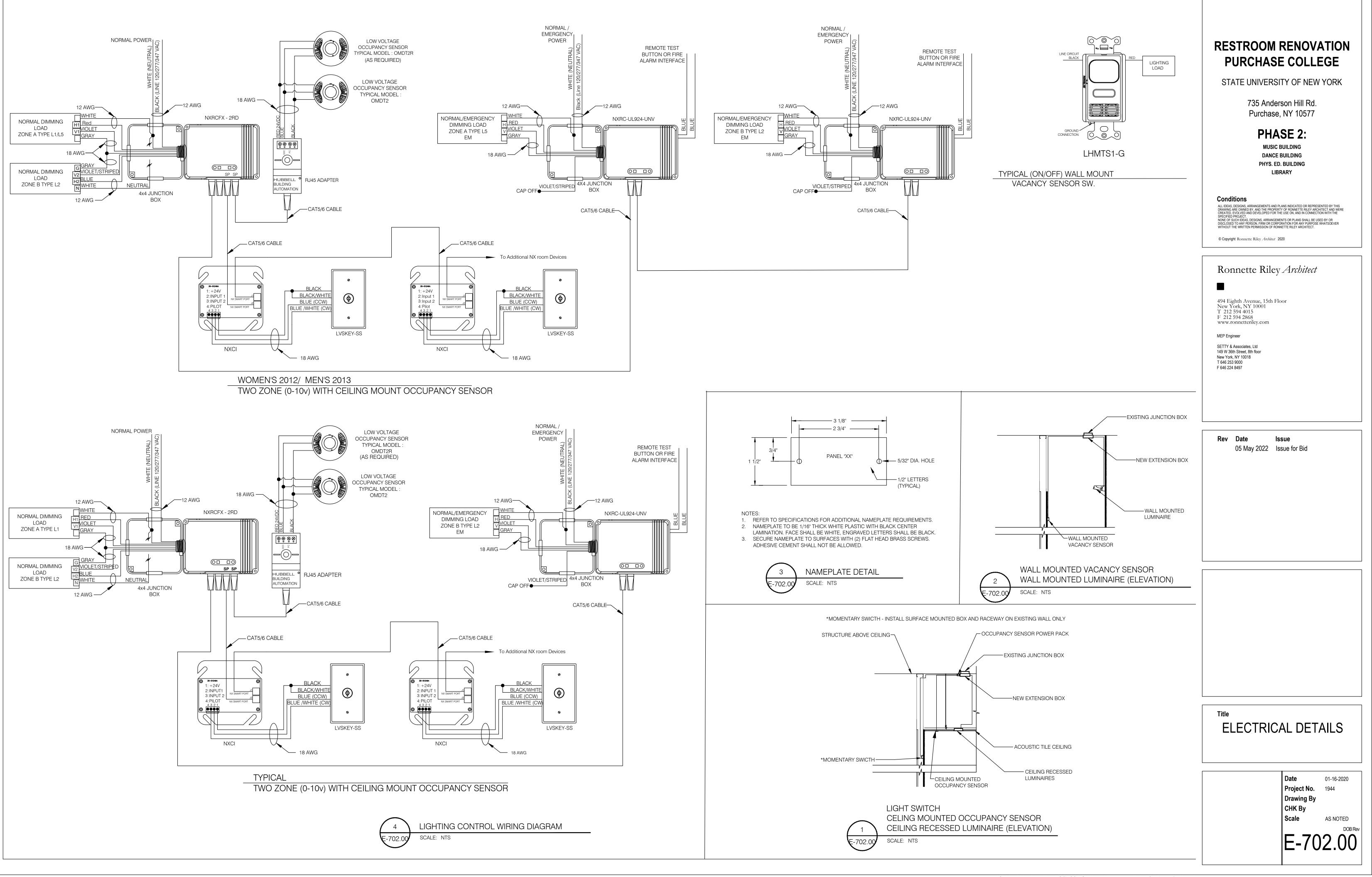
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Rev Date lssue 05 May 2022 Issue for Bid

Title ELECTRICAL DETAILS





Original drawing size is 24"x36"; Scale entities accordingly if reduced/enlarged.

E SHEET 22 OF 22

- 1. AUTOMATIC SUPERVISED SPRINKLER SYSTEM SHALL BE DESIGNED AND INSTALLED THROUGHOUT THE SCOPE OF WORK AREA IN ACCORDANCE WITH THE CODES AND STANDARDS LISTED BELOW.
- SPRINKLERS IN THE SCOPE OF WORK AREA SHALL BE REMOVED AND REPLACED WITH NEW TO ACCOMMODATE THE NEW ARCHITECTURAL LAYOUT IN ACCORDANCE WITH THE CODES AND STANDARDS LISTED BELOW. REFER TO ARCHITECTURAL DRAWINGS FOR COMPLETE SCOPE OF WORK.
- 3. IT IS THE INTENT OF THESE DOCUMENTS TO PROVIDE DESIGN, MATERIALS, AND EQUIPMENT FOR A FULLY FUNCTIONING AND OPERATING SPRINKLER SYSTEM, INCLUDING THE PROPER INTERFACE AND COORDINATION WITH MECHANICAL, ELECTRICAL, PLUMBING, ARCHITECTURAL, AND STRUCTURAL SYSTEMS.
- 4. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS AND APPROVALS OF THE AUTHORITY HAVING JURISDICTION.
- 5. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE LOCATIONS OF SPRINKLERS AND SLOPED PIPING WITH LIGHTING FIXTURES, DIFFUSERS, DUCTWORKS, CLEARANCE REQUIRED FOR EQUIPMENT ACCESS, CONDUITS, PIPES, STRUCTURAL MEMBERS, AND ALL OTHER OBSTRUCTIONS FOR A CODE COMPLIANT COVERAGE IN ACCORDANCE WITH NFPA 13.
- 6. STRUCTURAL MEMBERS SHALL NOT BE CUT OR PENETRATED UNLESS APPROVED BY THE PROJECT ARCHITECT AND STRUCTURAL ENGINEER.
- PIPING LAYOUTS, WHERE SHOWN, ARE DIAGRAMMATIC AND SHOWS SYSTEM INTENT ONLY. THE CONTRACTOR SHALL PROVIDE FINAL LAYOUT AND HYDRAULIC CALCULATIONS IN ACCORDANCE WITH THE STATE BUILDING CODE AND REFERENCED NFPA 13.
- 8. SPRINKLER PIPING SHALL BE INSTALLED SO THAT ALL PORTIONS OF THE SYSTEM CAN BE DRAINED THROUGH THE MAIN DRAIN VALVES FOR THE SYSTEM. WHERE TRAPPED SECTIONS OF PIPING CANNOT BE AVOIDED, AUXILIARY DRAINS SHALL BE PROVIDED IN ACCORDANCE WITH NFPA 13.
- 9. DO NOT INSTALL PIPING BELOW HVAC EQUIPMENT OR THAT INTERFERES WITH ANY TYPE OF ACCESS PANELS.
- 10. SPRINKLERS LOCATED IN AREAS EXPOSED TO STRUCTURE ABOVE SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 13 REQUIREMENTS FOR OBSTRUCTED OR UNOBSTRUCTED CONSTRUCTION CLASSIFICATIONS.
- 11. SPRINKLERS SHALL BE PROVIDED BELOW DUCTWORK OR EQUIPMENT GREATER THAN 4 FEET IN WIDTH AND COMPLY WITH ALL APPLICABLE OBSTRUCTION RULES OF NFPA 13.
- 12. WHERE CEILING TILES ARE PROVIDED, SPRINKLERS SHALL BE CENTERED IN CEILING TILES.
- 13. SPRINKLER GUARDS SHALL BE PROVIDED ON SPRINKLERS IN AREAS SUBJECT TO MECHANICAL DAMAGE AND ON SPRINKLERS LOCATED LESS THAN 7 FEET ABOVE FINISHED FLOOR.
- 14. PROVIDE ORDINARY TEMPERATURE SPRINKLERS IN ALL AREAS EXCEPT WHERE INTERMEDIATE OR HIGH TEMPERATURE SPRINKLERS ARE SPECIFICALLY REQUIRED BY NFPA 13.
- 15. SPRINKLERS THAT HAVE BEEN PAINTED OVER WITH PAINT FROM OTHER THAN THE SPRINKLER MANUFACTURER SHALL BE REPLACED WITH NEW.
- 16. ALL PIPING SHALL BE HYDROSTATICALLY TESTED IN ACCORDANCE WITH NFPA 13.

# **DESIGN CRITERIA**

SPRINKLER SYSTEM SHALL BE DESIGNED IN ACCORDANCE WITH NFPA 13 HAZARD CLASSIFICATIONS AND THEIR CORRESPONDING DESIGN DENSITY, DESIGN AREA, AND HOSE STREAM REQUIREMENTS. PIPE SCHEDULE METHOD IS NOT PERMITTED TO BE USED. MINIMUM SAFETY FACTOR OF 10 PSI SHALL BE PROVIDED.

1. LIGHT HAZARD: HALLWAY, ALL GENDER, MEN'S, WOMEN'S RESTROOM AND SIMILAR SPACES SHALL BE DESIGNED USING 0.1 GPM/SF OVER 1500 SQUARE FEET WITH 100 GPM HOSE STREAM. MAXIMUM SPRINKLER PROTECTION AREA SHALL NOT EXCEED 225 SQUARE FEET.

# FIRE PROTECTION REMOVALS NOTES

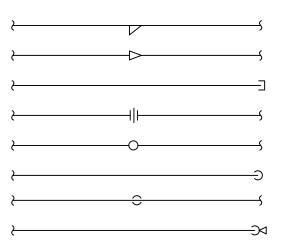
- 1. REFER TO ARCHITECTURAL DEMOLITION DRAWINGS FOR FULL EXTENT OF DEMOLITION SCOPE OF WORK.
- 2. CONTRACTOR IS STRONGLY ENCOURAGED TO VISIT THE SITE AND BECOME FAMILIAR WITH ALL EXISTING CONDITIONS AND SCOPE OF WORK PRIOR TO SUBMITTING BIDS.
- 3. EXISTING CONDITIONS, WHERE SHOWN, IS BASED ON AVAILABLE AS-BUILT DOCUMENTATION FROM THE OWNER AND SITE SERVEYS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AS ACTUAL CONDITIONS MAY VARY.
- 4. EXISTING FIRE PROTECTION SYSTEM COMPONENTS IN THE SCOPE OF WORK AREA THAT ARE FOUND TO BE DAMAGED OR NOT IN REUSABLE CONDITION SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER AND REPLACED WITH NEW.
- 5. CONTRACTOR SHALL COORDINATE ALL REMOVAL, DISPOSAL, AND STORAGE OF EXISTING EQUIPMENT WITH THE OWNER.
- 6. SHUTDOWN OF SPRINKLER SYSTEM TO PERFORM REQUIRED WORK SHALL BE KEPT TO A MINIMUM AND COORDINATED WITH THE OWNER AT LEAST THREE DAYS IN ADVANCE. SPRINKLER SYSTEM SHALL NOT BE SHUTDOWN WITHOUT OWNER APPROVAL.
- 7. EXISTING SPRINKLER SYSTEMS LOCATED OUTSIDE OF THE WORK AREA SHALL NOT BE AFFECTED AND REMAIN FULLY OPERATIONAL DURING THE COURSE OF THE RENOVATION. WHERE THIS CANNOT BE AVOIDED, EMPORARY FIRE PROTECTION MEASURES SHALL BE PROVIDED IN THE AFFECTED AREAS IN THE FORM STRATEGICALLY LOCATED TEMPORARY CONTROL VALVES, APPROVED FIRE WATCH OR OTHER APPROVED METHODS ACCEPTABLE TO THE AHJ.

### CODES AND STANDARDS

2020	NYS BUILDING CODE
2020	NYS EXISTING BUILDING CODE
2020	NYS FIRE CODE
NFPA 13	STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS, 2016

		SF	PRINKLE	R LEC	GEND	
SYMBOL	MODEL	K FACTOR	TYPE	ORFICE	RESPONSE	FIN
0	VICTAULIC V3801	5.6	CONCEALED	1/2"	QUICK	В

INISH	TEMP.	
BRASS	155° F	



### PIPE FITTINGS

	ECCENTRIC
→→	CONCENTRIC
]	CAPPED CONNECTION
	PIPE UNION
O{	ELBOW TURNED UP
	ELBOW TURNED DOWN
∽	TEE DOWN
₩	SHUT-OFF VALVE IN RISER

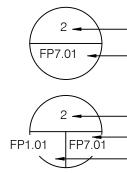
PIPE WITH HEAT TRACE 

# ANNOTATIONS

### FIRE RISER DESIGNATION 1 **REVISION NUMBER** $\bigcirc$ POINT OF DEMOLITION



# DETAIL ANNOTATIONS



— DETAIL NUMBER - WHERE THE DETAIL IS DRAWN

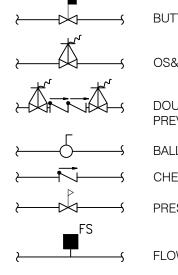
- DETAIL NUMBER - WHERE THE DETAIL IS DRAWN - WHERE THE DETAIL REFERENCED

- NO NEW CONCEALED SPRINKLER HEAD
- E EXISTING CONCEALED SPRINKLER HEAD
- REMOVAL PENDENT SPRINKLER HEAD

REMOVAL FIRE PIPE

# PIPE REPRESENTATION

# $\leftarrow F \rightarrow F$ FIRE PROTECTION PIPING L X" F PIPE VALVES AND ACCESSORIES



SYMBOLS

BUTTERFLY VALVE W/ TAMPER SWITCH	
OS&Y VALVE W/ TAMPER SWITCH	
DOUBLE CHECK VALVE / DETECTOR BACKF PREVENTER (ASSE 1015, 1048)	LOW
BALL VALVE	
CHECK VALVE	
PRESSURE REDUCING VALVE	
FLOW SWITCH	

<u>}</u> STRAINER

NOTE: ALL SYMBOLS MAY NOT APPEAR ON THE DRAWINGS.

AAV

ABV AD

AFF

AHJ

ARCH

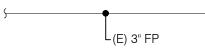
ASME

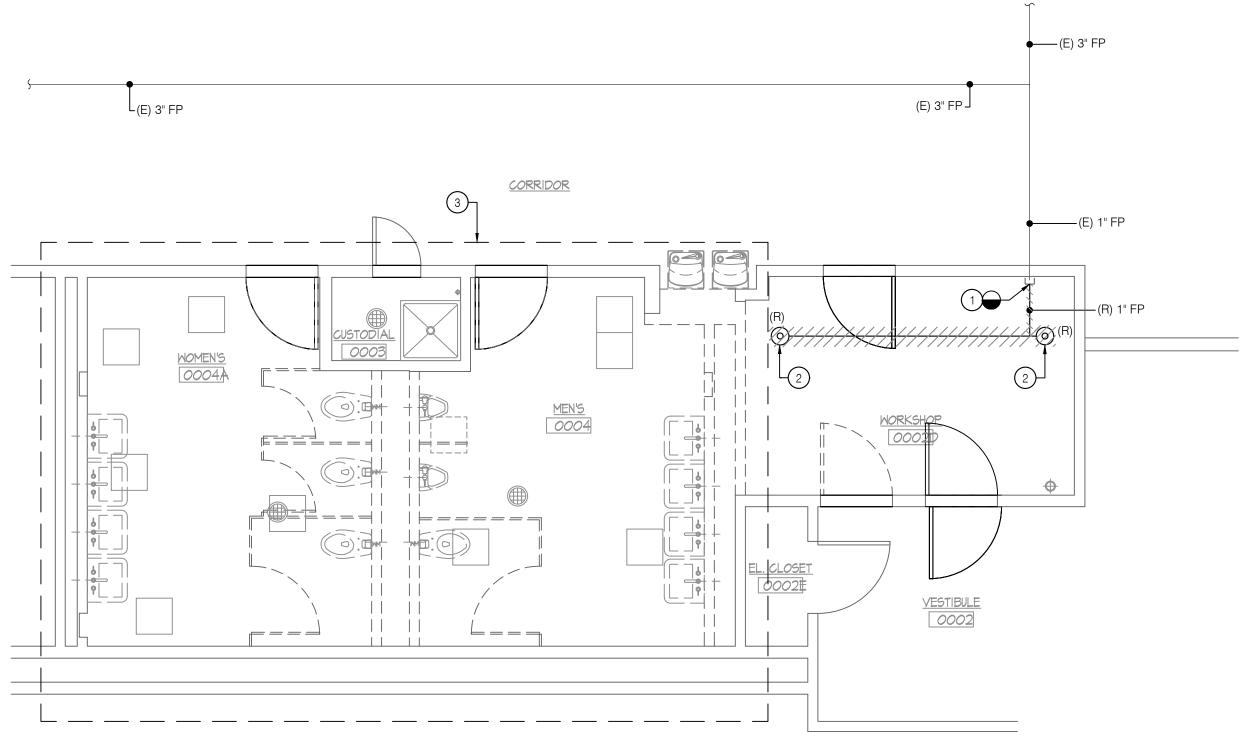
AP

SHEET	DRAWI		
1	F-001.		
2	F-101.		
3	F-701.		

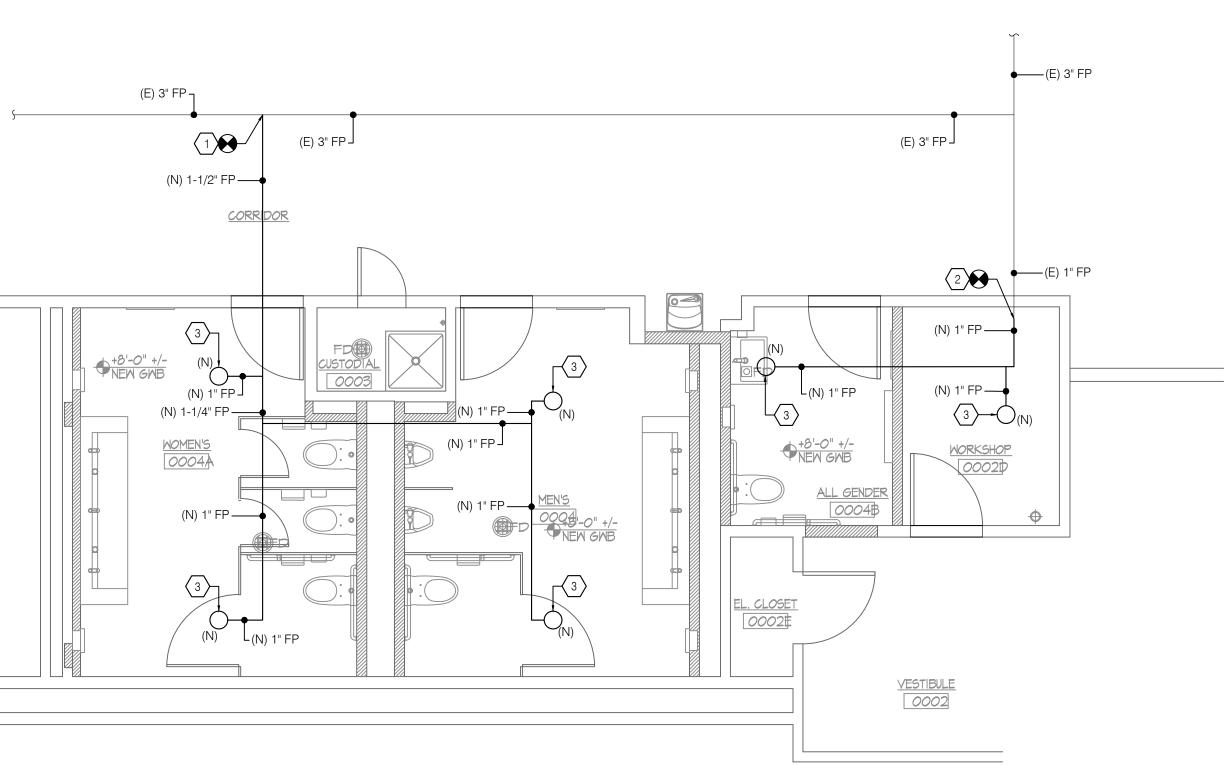
## ABBREVIATIONS

AUTO AIR VENT ABOVE AREA DRAIN ABOVE FINISHED FLOOR AUTHORITY HAVING JURISDICTION ACCESS PANEL	N NFPA NIC NO.	NEW NATIONAL FIRE PROTECTION ASSOCIATION NOT IN CONTRACT NUMBER	RESTROOM RENOVATION
ARCHITECTURAL AMERICAN SOCIETY OF MECHANICAL ENGINEERS AMERICAN SOCIETY OF PLUMBING	OS&Y	OUTSIDE STEM AND YOLK	PURCHASE COLLEGE
ENGINEERS AMERICAN SOCIETY OF SANITARY ENGINEERS	P PH PRV PSI	PUMP PHASE (ELECTRICAL) PRESSURE REDUCING VALVE POUNDS PER SQUARE INCH	STATE UNIVERSITY OF NEW YORK
BUILDING BELOW	QR	QUICK RESPONSE	735 Anderson Hill Rd. Purchase, NY 10577
CUBIC FEET PER MINUTE CEILING CONNECTION CONTINUATION COLD WATER DEMOLISH / REMOVAL D.C. WATER AND SEWER AUTHORITY DIAMETER DOWN DRAWING EXISTING EXISTING EXISTING EXISTING TO REMAIN FIRE FLOOR DRAIN FIRE HOSE CABINET FIRE HOSE CABINET FIRE HOSE VALVE FLOOR	RPM SAN SF SS STP STRUC TDA TEMP TYP W WM WTR W/ W/O NOTE: ALL ON THE D	REVOLUTIONS PER MINUTE SANITARY/WASTE PIPE SQUARE FEET STAINLESS STEEL STANDPIPE STRUCTURAL TEST AND DRAIN ASSEMBLY TEMPERATURE TYPICAL WATT WATER METER WATER WATER WITH WITHOUT	<section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><text><text><text><text></text></text></text></text></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header>
FLAT ON BOTTOM FLAT ON TOP FLOW SWITCH FEET GALLON GALLONS PER MINUTE HIGH DENSITY POLYETHYLENE HORSE POWER INCH INCH INVERT KILOWATT MAXIMUM MECHANICAL			<ul> <li>494 Eighth Avenue, 15th Floor New York, NY 10001 T 212 594 4015 F 212 594 2868 www.ronnetteriley.com</li> <li>MEP Engineer</li> <li>SETTY &amp; Associates, Ltd 149 W 36th Street, 8th floor New York, NY 10018 T 646 253 9000 F 646 224 8497</li> </ul>
MANUFACTURER MINIMUM MOUNTED			Rev     Date     Issue       05 May 2022     Issue for Bid
FIRE PROTECTIO	N DRAW	ING LIST	
<ul> <li>.00 GENERAL NOTES, SYMBOLS &amp; ABBRE</li> <li>.00 MUSIC BUILDING - FIRE PROTECTION</li> <li>.00 FIRE PROTECTION DETAILS</li> </ul>			
			Title GENERAL NOTES, SYMBOLS & ABBREVIATIONS Date 01-16-2020 Project No. 1944 Drawing By CHS CHK By KB Scale AS NOTED DB Rev F-OO1.000





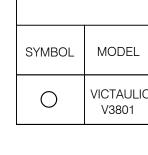
BASEMENT LEVEL PLAN - FIRE PROTECTION REMOVALS SCALE: 1/4" = 1'-0"





FP060

BASEMENT LEVEL PLAN - FIRE PROTECTION NEW WORK



#### DEMOLITION KEY NOTES #

- . CUT AND CAP EXISTING 1" FP PIPE AT THIS LOCATION.
- 2. REMOVE EXISTING SPRINKLER HEAD.
- 3. NO EXISTING SPRINKLER IN THIS AREA.

## SHEET KEY NOTES

. CONNECT NEW 1-1/2" SPRINKLER PIPE TO EXISTING 3" SPRINKLER PIPE.

2. CONNECT NEW 1" SPRINKLER PIPE TO EXISTING 1" SPRINKLER PIPE.

. CONCEALED SPRINKLER HEAD.
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 $\langle \# \rangle$ 

	SPRINKLER LEGEND						
-	K FACTOR	TYPE	ORFICE	RESPONSE	FINISH	TEMP.	QTY.
.IC	5.6	CONCEALED	1/2"	QUICK	BRASS	155° F	6

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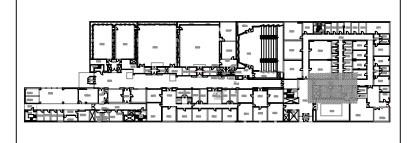
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KEY PLAN



# Title MUSIC BUILDING - FIRE PROTECTION PLANS

