

PLUMBING SCHEDULE								
TAG	ITEM	MANUF	STYLE	MODEL	DIM/DESCRIP	FIN	QTY	NOTES
P1	WALL MOUNTED TOILET	SLOAN	---	ST-245#	---	WHITE	20	
P1a	SOLAR POWERED DUAL FLUSH	SLOAN	----	B111-1.6/1.1	---	---	20	
P2	URNAL/FLUSH VALVE COMBO	SLOAN	----	NEUS-1000.1201	---	---	6	
P3a	WALL MOUNTED SINK	DURAVIT	----	VERO	24" WIDE X 10.5" DEEP	WHITE	4	ONE FAUCET HOLE
P3b	WALL MOUNTED SINK	DURAVIT	----	VERO	31" WIDE X 10.5" DEEP	WHITE	2	ONE FAUCET HOLE
P4	FAUCET	SLOAN	----	OPTIMA SOLIS EAF-2751	---	CHROME	24	
P5	VANITY SINK	SOPHSTONE	PREFAB SERIES/SLANT	P5a: SOPH-ST-62	62"X23 5/8"	COTTON	1 (CON)	VANITY IV BRACKETS & ENCLOSURE COORDINATE FAUCET & DECK MOUNTED SOAP DISPENSER HOLES. COORDINATE EL OUTLET & WIRING FOR SOAP DISPENSERS BEHIND VANITY ENCLOSURE, TYP. *** SINKS TRIMMABLE BY SOPHSTONE
				P5b: SOPH-ST-62 (***)	60"X23 5/8"	COTTON	2 (CCS)	
				P5c: SOPH-ST144	144"X23 5/8"	COTTON	1 (CON) 2 (FE)	
P6	MOP SINK	FIAT PRODUCTS	----	MSB 24X24	24X24"	---	2	
P7	MOP SINK WALL MOUNTED FAUCET	FIAT PRODUCTS	----	FIAT 830-A4	---	---	2	
P8	DRINKING FOUNTAIN	ELKAY	----	LZS8VSLP	---	---	2	

- NOTES:
REFER TO PLUMBING DRAWINGS AND SPECS, TYP.
- FOR ALL TOILETS PROVIDE TOILET SEAT, CENTROGO 500 ST-56CPE-001
 - 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 SCHEDULE								
TAG	ITEM	MANUF	STYLE	MODEL	DIM/DESCRIP	FIN	QTY	NOTES
A1	BABY CHANGING STATION	KOALA	---	KB310-55RE	---	SS	4	RECESSED MTD. AS PER ADA GUIDELINES
A2	HAND DRYER	BOBRICK	---	B-3125	---	SS	11	INSTALLED IN PAIRS, SEE ELEVATION, FOLLOW ADA GUIDELINES
A3	RECESSED TRASH RECEPTACLE	BOBRICK	---	B-35633	---	SS	11	
A4	FULL LENGTH MIRROR	BOBRICK	---	B-240	24"X12"	SS	12	SEE ELEVATIONS, CENTERED ON WALLS, U.O.N.
A5	TOILET PAPER HOLDER	BOBRICK	---	B-2042	---	SS	20	INSTALLED AS PER ADA GUIDELINES
A6	COAT HOOK	BOBRICK	---	B-544	---	SS	20	ON DOORS INSIDE AS RESTROOMS AND ADA STALLS
A7	AUTOMATIC SOAP DISPENSER	SLOAN	SURFACE MOUNT	OPTIMA ESP 2000CP	---	---	18	DECK MOUNTED, COORDINATE W/ELEC. AND PROVIDE AC ADAPTER
A8	AUTOMATIC SOAP DISPENSER	BOBRICK	WALL MOUNT	B-2013	---	---	6	BATTERY OPERATED
A9	SANITARY NAPKIN DISPOSAL	BOBRICK	---	B-210	---	SS	15	IN AG AND WOMEN'S RESTROOMS
A10	GRAB BAR	BOBRICK	---	B-5006	36"	SS	12	INSTALLED AS PER ADA GUIDELINES
A11	GRAB BAR	BOBRICK	---	B-5006	42"	SS	12	INSTALLED AS PER ADA GUIDELINES
A12	GRAB BAR	BOBRICK	---	B-5006	18"	SS	12	INSTALLED AS PER ADA GUIDELINES
A13	MIRROR	BOBRICK	---	B-240	24"X36"	SS	4	MOUNTED HEIGHT AS PER ADA GUIDELINES
A14	MIRROR	BOBRICK	---	B-240	18"X36"	SS	2	MOUNTED HEIGHT AS PER ADA GUIDELINES
A15	TOILET PARTITIONS	BOBRICK	OVERHEAD BRACED	CGL-1082 DURALINE	---	TBD	---	SEE DRAWINGS, PEXTER MASH FINISH
A16	KLUTCH HOLDER/HOOK	BOBRICK	---	B-635	---	SS	10d	

- CONTRACTOR SHALL VERIFY ALL COUNTS & LOCATIONS SO THAT EACH BATHROOM IS PROVIDED WITH REQUISITE NUMBER OF ACCESSORIES TO SUIT FIXTURES & LAYOUT.
- TOILET COMPARTMENT PARTITIONS TO BE FABRICATED AFTER FIELD VERIFICATION FOR INSTALLED FINISHES & APPROVED SHOP DRAWINGS.
- INSTALLATION OF ACCESSORIES TO FOLLOW ADA STANDARDS AS PER SHEET A-003 AND A-004 AND CONSTRUCTION PLAN NOTES REGARDING REQUIRED BLOCKING AND STANDARDS.
- MOUNTING HEIGHTS AS PER ADA GUIDELINES ON SHEET A-004, A005, LOCATIONS AS PER PLANS/ ELEVATIONS

LIGHT SCHEDULE								
TAG	TYPE	MFR	MODEL	FIN	WATTAGE COLOR TEMP. / CRI	LAMP	QTY	NOTES
L1	LINEAR LED COVE LIGHT	LUCETTA LIGHTING	CELESTE LINEAR	WHITE	1.8W/FT / 3000K/90 CRI	LED	--	QTY IS IN LINEAR FEET, SEE DRAWINGS
L2	4" RECESSED ROUND	COOPER LIGHTING	HALO LCR 4, REGRESSED	WHITE	10W MIN / 3000K/90 CRI	LED	51	3000K, 90 CRI, FROSTED GLASS COVER
L5	OVERSIZE PENDANT	DELRAY LIGHTING	DOSIO 3'	WHITE	75W / 3000K / 90 CRI	LED	5	SEPARATE REMOTE MOUNTING (UBOX RECESSED), 3000K 90 CRI
L3	FLUSH MOUNT	METALUX	NWS 2 FT	WHITE	15W / 3500K / 85 CRI	LED	2	REUSE OR USE SPECIFIED (CUSTODIAN ROOMS ONLY)

- NOTES:
- CONTRACTOR RESPONSIBLE TO VERIFY QUANTITIES AS PER PLANS
 - REFER TO ELECTRICAL DRAWINGS, SCHEDULES AND SPECS FOR DETAILS, CONTROLS AND WIRING
 - SUBMITTALS REQUIRED
 - COORDINATE MOUNTING HEIGHTS W/ ARCHITECT PRIOR TO INSTALLATION.

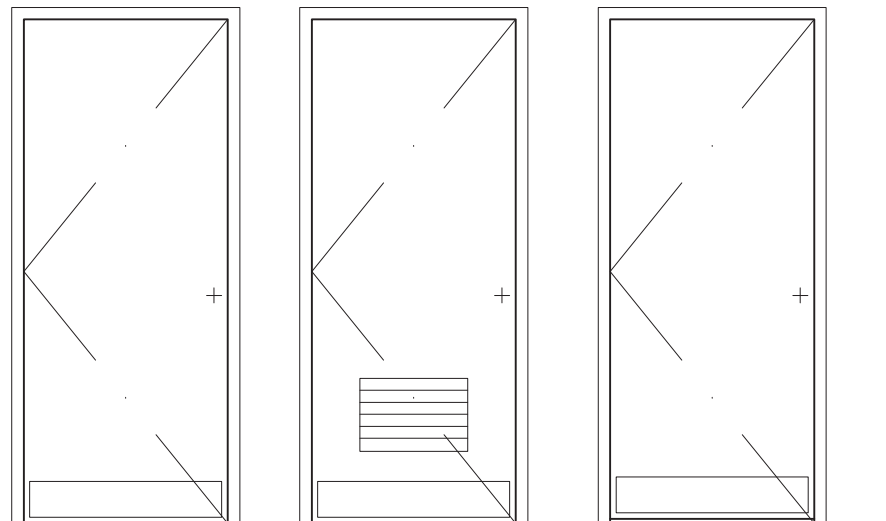
DOOR SCHEDULE																		
LOCATION			DOOR							FRAME				THRESHOLD		HWR	COMMENTS	
MARK	FROM	TO	TYPE	WIDTH	HEIGHT	THK	FIRE RATING	MAT	FIN	HEAD	JAMB	MAT	FIN	MAT	DTL	SET		
PHYS. ED	1	CORR.	2012	B	3'-0"	T-10"	1 3/4"	45 MIN	MTL	PT-2a	---	---	MTL	PT-2a	ST-1	4/A-502	1	LOUVER 18"X12' 0.75F 100% FREE AREA
	2	CORR.	2012A	C	3'-0"	T-10"	1 3/4"	45 MIN	MTL	PT-2a	---	---	MTL	PT-2a	ST-1	4/A-502	2	
	3	CORR.	2013A	C	2'-6"	T-10"	1 3/4"	45 MIN	MTL	PT-2a	---	---	MTL	PT-2a	ST-1	4/A-502	3	
	4	CORR.	2013	B		T-10"	1 3/4"	45 MIN	MTL	PT-2a	---	---	MTL	PT-2a	ST-1	4/A-502	1	LOUVER 18"X12' 0.95F 100% FREE AREA
CON	5	1004	1009	B		T-2"	1 3/4"	45 MIN	MTL	PT-2a	---	---	MTL	PT-2a	ST-1	4/A-502	1	-----
	6	1004	1007	C		T-2"	1 3/4"	45 MIN	MTL	PT-2a	---	---	MTL	PT-2a	ST-1	4/A-502	2	-----
	7	1004	1006	B	3'-0"	T-2"	1 3/4"	45 MIN	MTL	PT-2a	---	---	MTL	PT-2a	ST-1	4/A-502	1	-----
	14	1006	1009	C	2'-6"	T-0"	1 3/4"	NO RTG.	MTL	PT-2a	---	---	MTL	PT-1	ST-1	4/A-502	3	DOOR TO BE PAINTED PT-1 (TO MATCH ADJACENT TILE)
CAS	8	1003	1005	B	3'-0"	T-4"	1 3/4"	45 MIN	MTL	PT-2a	---	---	MTL	PT-2a	ST-1	4/A-502	1	-----
	9	1003	1004	B	3'-0"	T-4"	1 3/4"	45 MIN	MTL	PT-2a	---	---	MTL	PT-2a	ST-1	4/A-502	1	-----
	10	1003	1004A	C	3'-0"	T-4"	1 3/4"	45 MIN	MTL	PT-2a	---	---	MTL	PT-2a	ST-1	4/A-502	2	-----
	11	019	019A	C	3'-0"	T-0"	1 3/4"	45 MIN	MTL	PT-2a	---	---	MTL	PT-2a	ST-1	4/A-502	2	-----
NTH	12	019	019B	C	3'-0"	T-0"	1 3/4"	45 MIN	MTL	PT-2a	---	---	MTL	PT-2a	ST-1	4/A-502	2	-----
	13	019	019C	C	3'-0"	T-0"	1 3/4"	45 MIN	MTL	PT-2a	---	---	MTL	PT-2a	ST-1	4/A-502	2	-----

- DOOR SCHEDULE NOTES:
CONFIRM DOOR TYPE (IN REFERENCE TO VENTILATION REQUIREMENTS) WITH MECHANICAL ENGINEER
- ALL DOORS TO RECEIVE METAL KICK PLATES, 10" 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 EXG CONDITIONS
 - ALL DOOR HARDWARE SHALL ALLOW FOR FREE EGRESS FROM ANY SPACE
 - DOOR AND FRAME HEIGHT: ALL DOOR HEIGHTS TO MATCH EXG. ALL FRAME HEIGHTS TO MATCH EXG.
 - V.I.F. DOOR HT & DOOR FRAME HT.
 - 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, IF REQUIRED, TO BE 10X18, COORDINATE WITH MECHANICAL AND SPECS
 - DOOR LOUVER COLOR TO MATCH DOOR COLOR
 - SUBMITTALS REQUIRED
- HARDWARE: MORTISE LOCK WITH SMALL CORE AS PER FACILITIES STANDARDS, REFER TO SPECIFICATIONS

HARDWARE LEGEND:

1	HARDWARE SET 1: MULTI PERSON RESTROOM CLASSROOM LOCKSET TYPE	COUNT: 8
1	LOCK SET	
1	TRIM SET	COUNT: 3
1	LATCH	
3	HINGES	COUNT: 3
3	SLIDERS	
1	STOP	COUNT: 2
1	SURFACE CLOSER	
1	OCCLUSION SENSOR	COUNT: 2
1	KICK PLATE	

HDWR SET 2: EXAMPLE (REFER TO SPECS FOR EXACT CONFIGURATIONS)			FIN
1	LOCK SET	SEE HARDWARE LEGEND	
1	TRIM SET	-	
1	LATCH	-	
3	HINGES		
3	SLIDERS		
1	STOP		
1	SURFACE CLOSER	FOR FIRE RATED DOORS ONLY	NORTON T510
1	OCCLUSION SENSOR		
1	KICK PLATE		



- NOTES:
FOR DOORS AND HARDWARE DETAILS REFER TO SPECIFICATIONS, TYP.
- DOOR LEGEND:
- A NEW METAL DOOR & FRAME
COUNT: 2
 - B NEW METAL LOUVERED DOOR & FRAME
COUNT: 6
 - C NEW METAL DOOR & FRAME, DOOR UNDERCUT 3/4"
COUNT: 5

FINISH LEGEND

STONE:

- ST-1 DOOR SADDLE
CAESARSTONE 4141 HONED, MISTY CARRERA
- NOTE: SADDLE TO BE ADA COMPATIBLE, SEE DETAIL #2/A-501.00
- TILE:
- PHYSICAL ED. BUILDING
- T-120 LANDMARK CHARMIE, VENEED STATUTARIO, 12"X24"
- T-122 NEMO BOND, OPAL, 2 1/2"X8 1/4" JOLLY 1/2"X8"
- T-123 NEMO BOND, PEXTER, 2 1/2"X8 1/4" JOLLY 1/2"X8"
- T-124 LANDMARK MADE IN, FREEDOM WHITE, 24"X24"
- T-125 LANDMARK MADE IN, FREEDOM WHITE, 12"X24"

- CAMPUS CENTER NORTH
- T-21 LANDMARK SOUL, WHITE COTTON, 12"X24"
- T-22 LANDMARK VISION, DOVE, 12"X24"
- T-23 NEMO BOND, MALACHITE, 2 1/2"X8 1/4" JOLLY 1/2"X8"
- T-24 NEMO BOND GARNET, 2 1/2"X8" & JOLLY 1/2"X8"
- CAMPUS CENTER SOUTH
- T-30 NEMO ALGHEMY SILVER, 12"X24"
- T-31 NEMO ALGHEMY SILVER, 24"X24"
- T-10 NEMO CADENCE PINOT, 2 1/2"X8" & JOLLY 1/2"X8"
- MAIN DINING HALL
- T-40 NEMO AREA OFF WHITE, 24"X24"
- T-41 NEMO METRO LIMELIGHT GLOSS, 6"X6"
- T-42 NEMO METRO GOLDENROD, 6"X6"
- T-44 NEMO GLAZED MOSAIC, PENNY TILE, ORANGE (COLUMN ONLY, TILEBREAK AT THE BACK)

- GENERAL TILING NOTES:
- GROUT: USE EPOXY GROUT (LATICRETE), COLOR TBD
- TILE EDGES: EXPOSED EDGES AT LARGE FORMAT TILES TO BE HANDLED WITH M-1 SCHLUTER
- EXPOSED EDGES AT SMALLER AND ACCENT TILE TO BE HANDLED WITH TILE JOLLY OR BULLNOSE TYP.

METAL:

- M-1 ANI- 100 SCHLUTER JOLLY (OUTSIDE CORNERS AND EDGES WHERE REQUIRED, TOP OF THE T1 FIELD CUT FLOOR BASE AND MISC. EDGES REQUIRED FINISH: ST. STEEL
- PAINT:
- NOTE: ALL CEILING PAINT TO BE FLAT FINISH, TYP.
- ALL WALL PAINT TO BE SATIN FINISH, TYP.
- ALL DOORS, TRIMS, ETC. PAINT TO BE SEMI GLOSS FINISH, TYP.
- PT-1 BENJAMIN MOORE, DECORATORS WHITE, FLAT, GL'S TYP.
- PT-2 BENJAMIN MOORE, COLOR CHINA WHITE, SATIN WALL TYP. (INSIDE OF RESTROOMS)
- PT-2a BENJAMIN MOORE, CHINA WHITE, SEMI-GLOSS: (CASINGS & DOORS INSIDE OF RESTROOMS, TYP)
- PT-3 PAINT AND COLOR TO MATCH EXISTING CORRIDOR FINISH
- PT-3a COLOR TO MATCH EXISTING ADJACENT, SEMI-GLOSS: (CASINGS & DOORS ON CORRIDOR SIDES, TYP)
- PT-6 BENJAMIN MOORE, AC-19 HOMESTEAD GREEN (ACCENT WALL PHYS. ED. FOYERS AND LIBRARY FOYER)

VGT:

- VGT-1 VINYL COMPOSITION TILE, COLOR TBD (MATCH EXG ADJACENT)
- VGT-2 VINYL COMPOSITION TILE, COLOR TBD

BASE:

- T-X WALL TILE FILED CUT TO 6" HEIGHT (WHERE INDICATED) WITH M-1 SCHLUTER ON TOP AND EXPOSED EDGES
- B-1 CORRIDOR VINYL BASE TO MATCH EXISTING (WHERE NEEDED)

FINISH NOTES

- TILE LAYOUTS TO BE CONFIRMED BEFORE INSTALLATION & VERIFIED WITH ARCHITECT, NO LESS THAN HALF TILE AT EDGES AND CORNERS UNLESS PREVIOUSLY CONFIRMED BY ARCHITECT, TYP.
- 1 1/2" MIN. BETWEEN FLUSHOMETER & GRAB BAR ABOVE IS REQUIRED. CONFIRM WITH ARCHITECT HEIGHT OF GRAB BARS

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Rev	Date	Issue
1	27 Feb 2023	Issue for Bid
2	16 June 2023	Addendum #1

Title
SCHEDULES

Date 01-16-2020
Project No. 1944
Drawing By SJ, CQ
CHK By SN
Scale AS NOTED

DOB Rev
A-601.00
#

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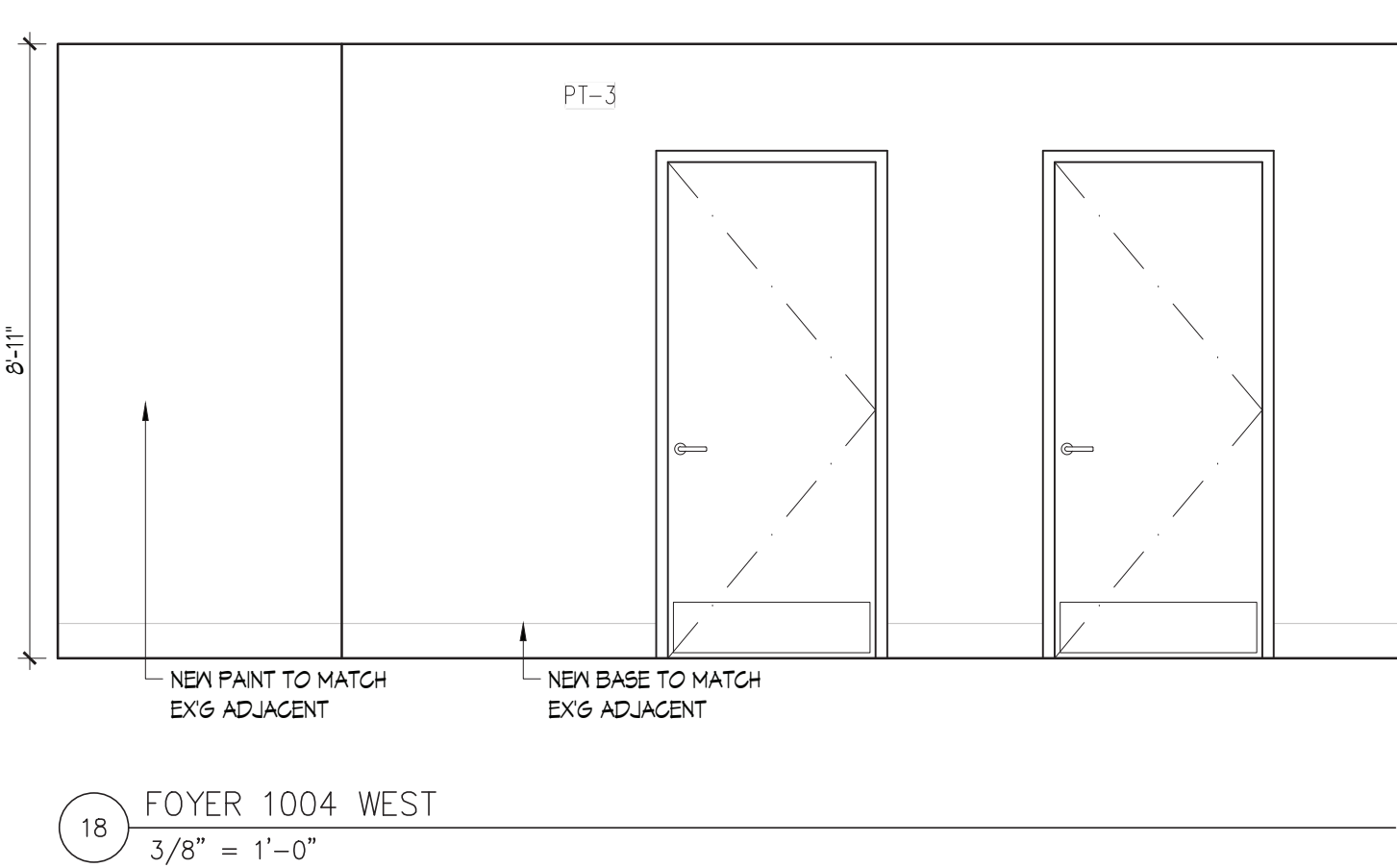
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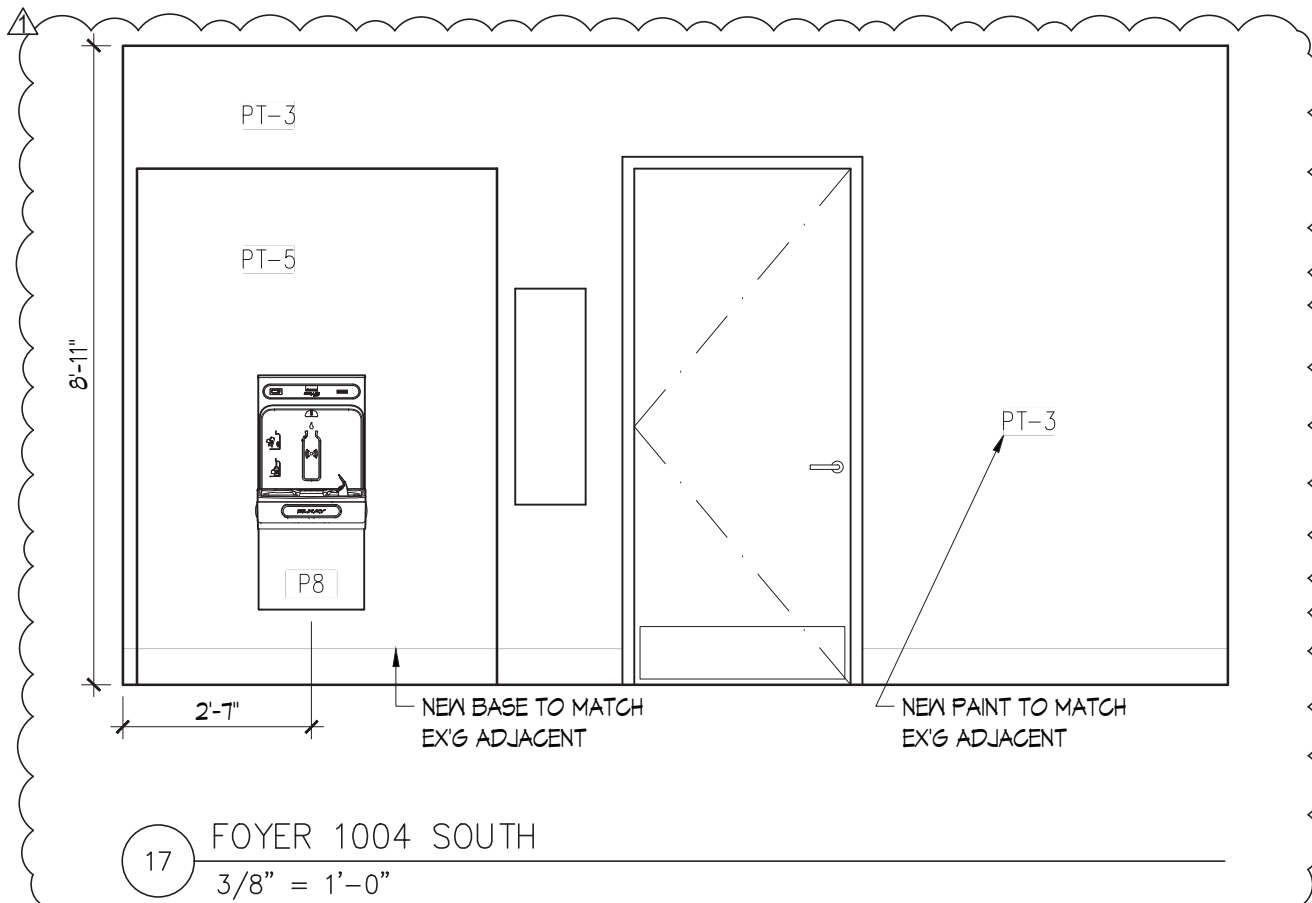
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INTERIOR ELEVATIONS
CAMPUS CENTER NORTH

Date 01-16-2020
Project No. 1944
Drawing By SJ, CQ
CHK By SN
Scale AS NOTED

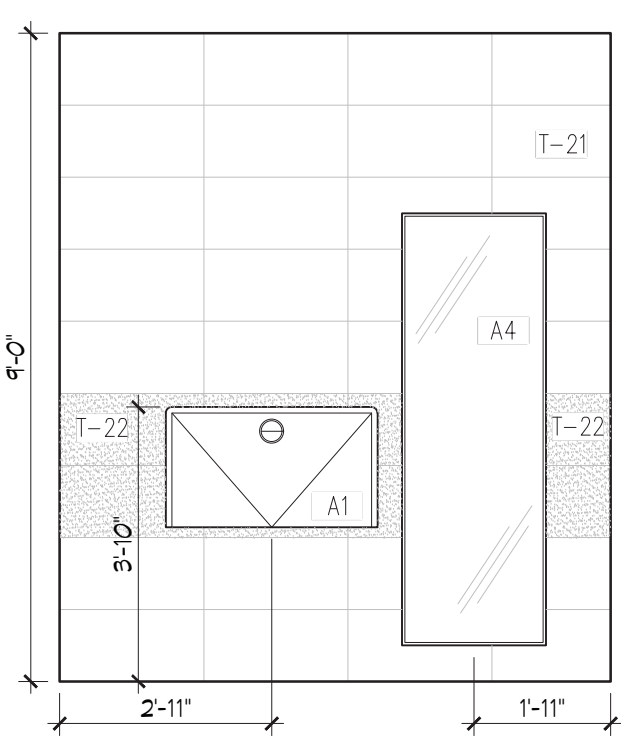
DOB Rev
A-203.00
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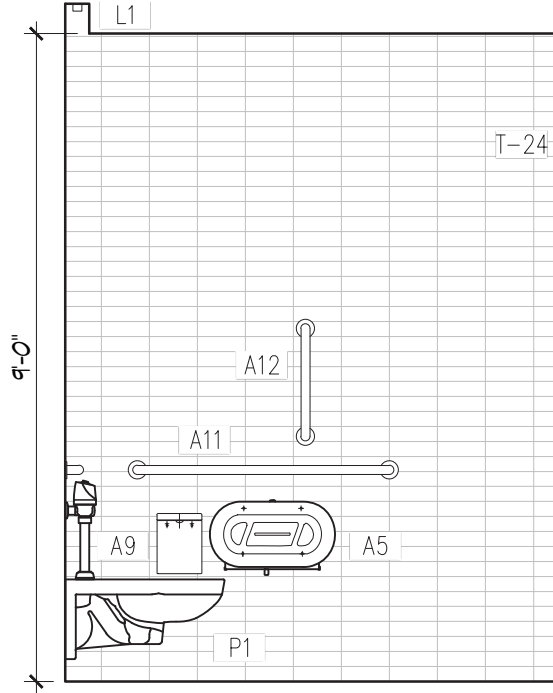
18 FOYER 1004 WEST
3/8" = 1'-0"



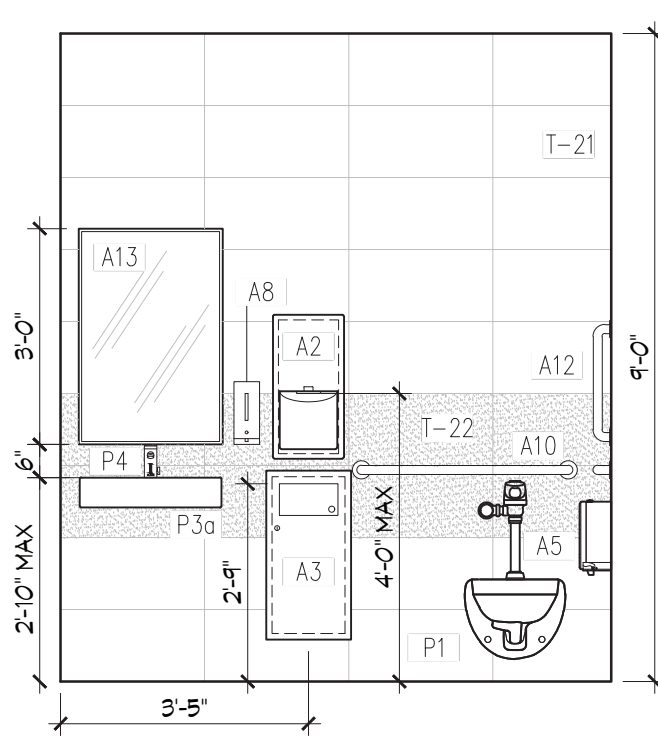
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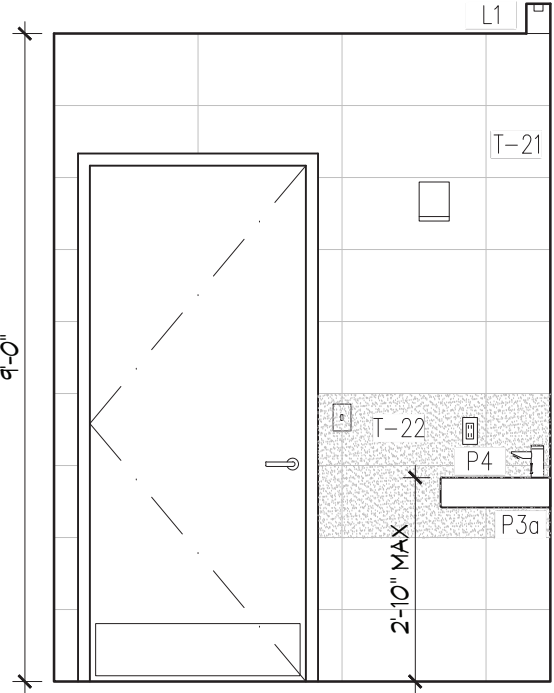
16 ALL GENDER 1007 NORTH
3/8" = 1'-0"



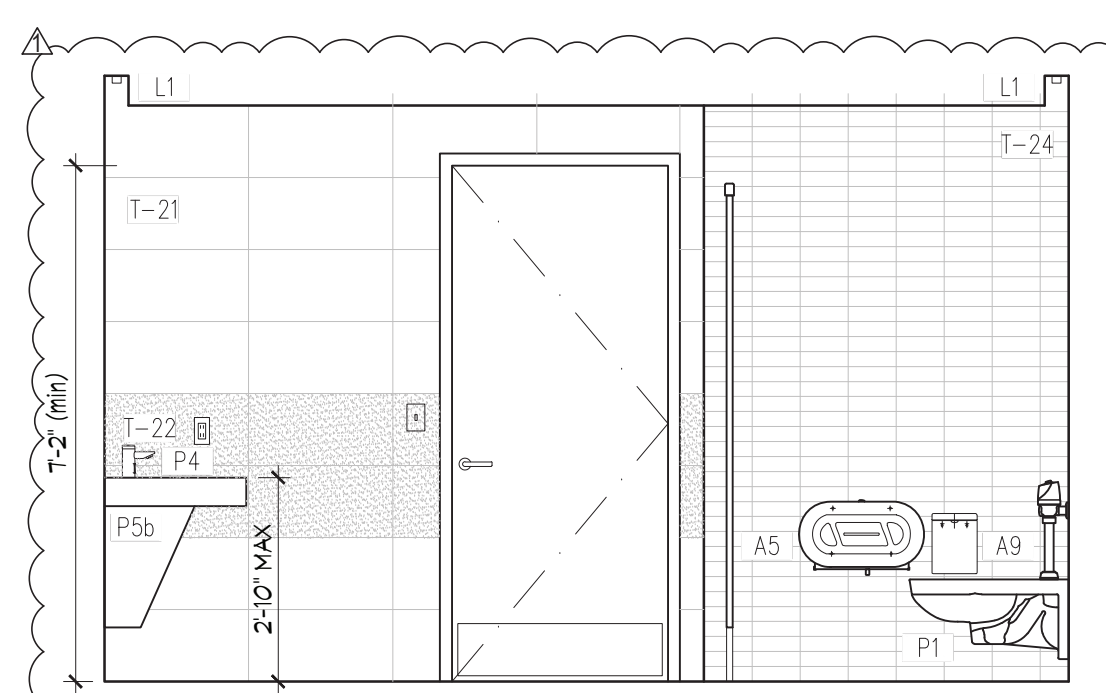
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3/8" = 1'-0"



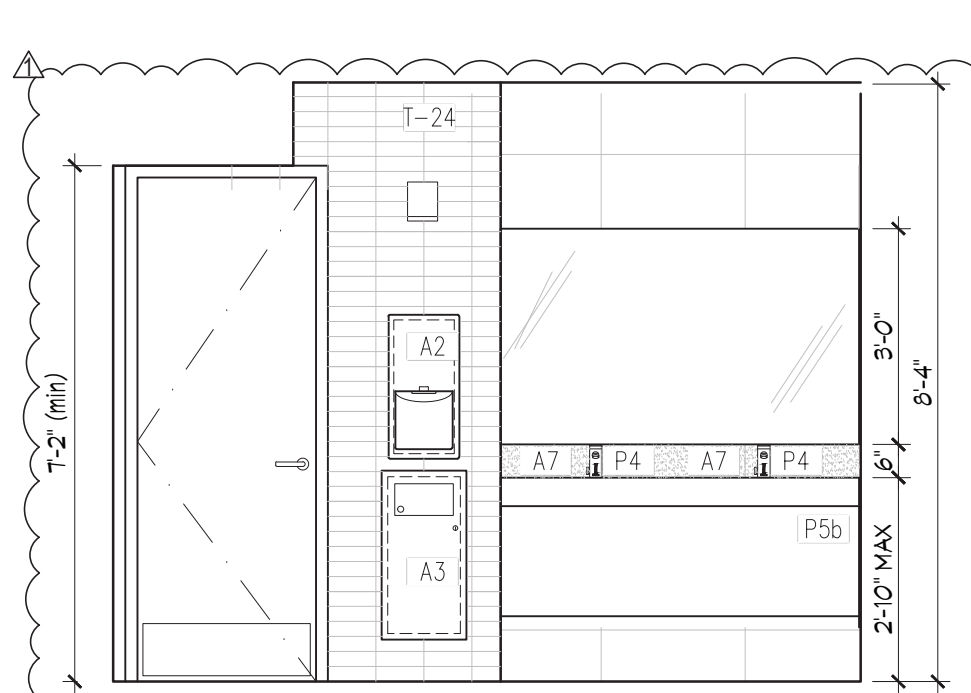
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3/8" = 1'-0"



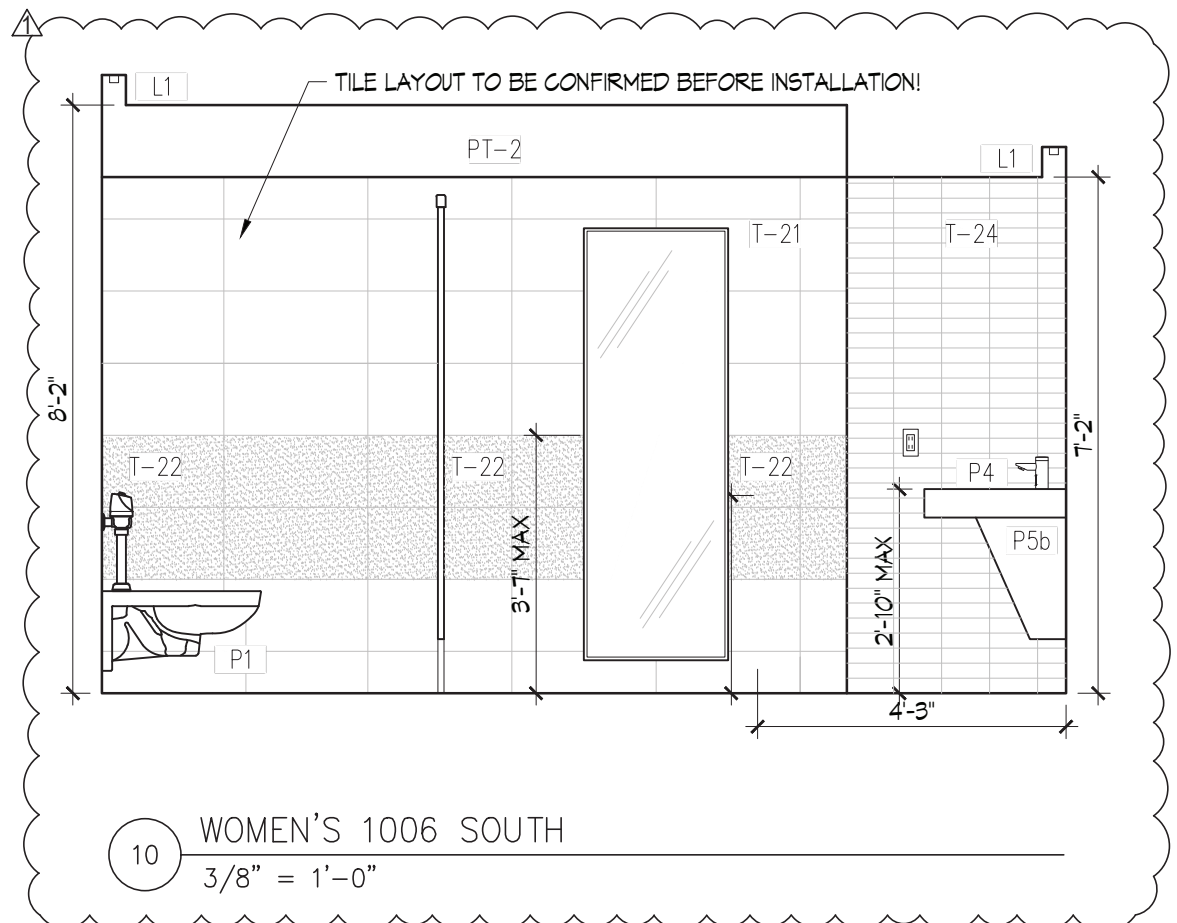
13 ALL GENDER 1007 EAST
3/8" = 1'-0"



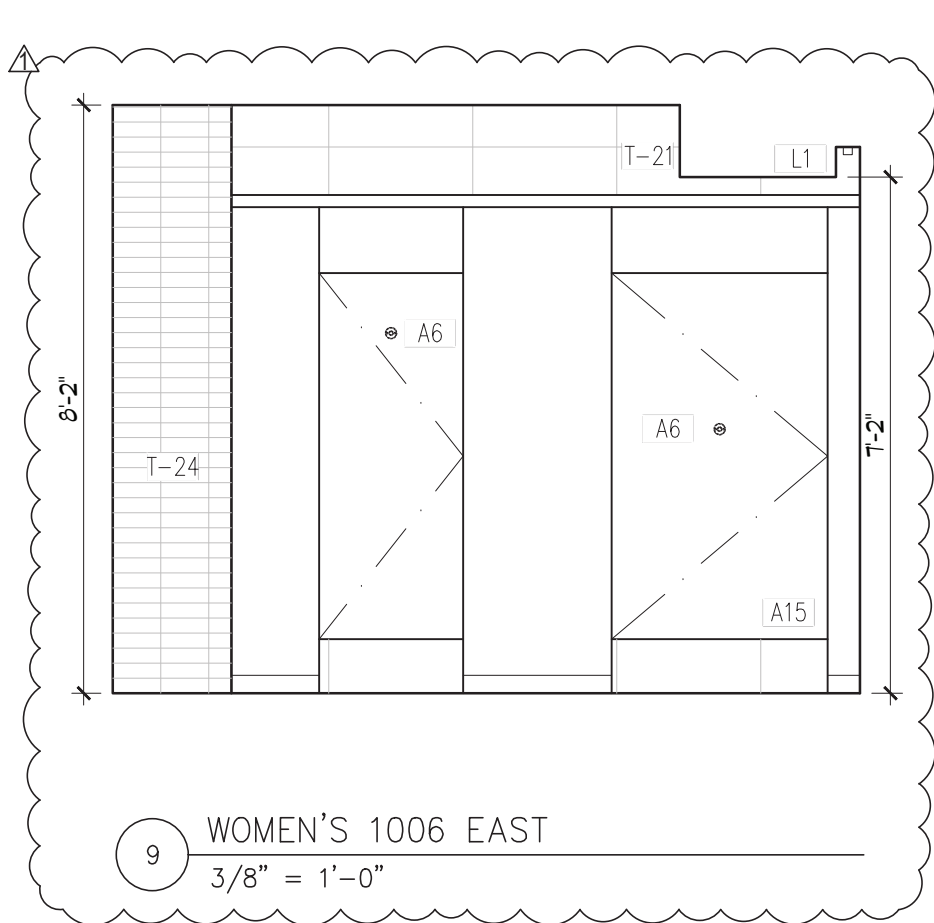
12 WOMEN'S 1006 NORTH
3/8" = 1'-0"



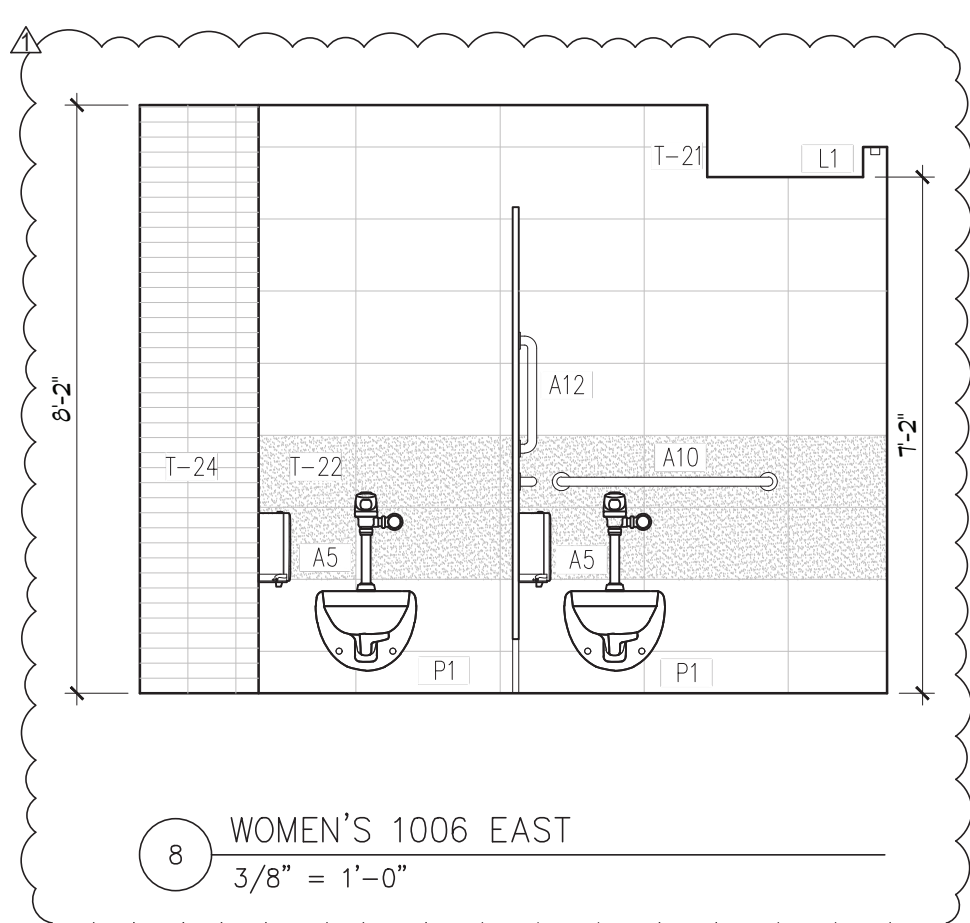
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3/8" = 1'-0"



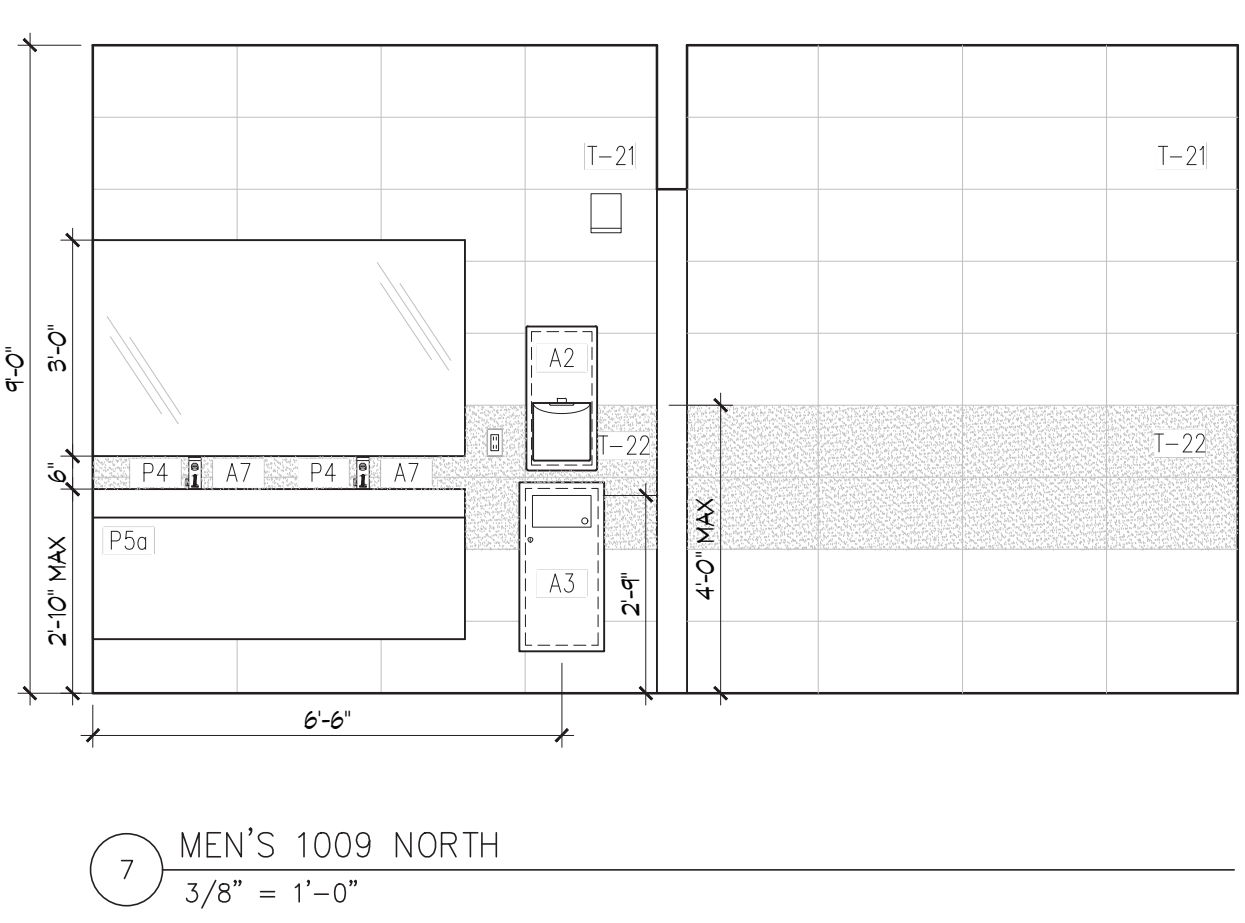
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3/8" = 1'-0"



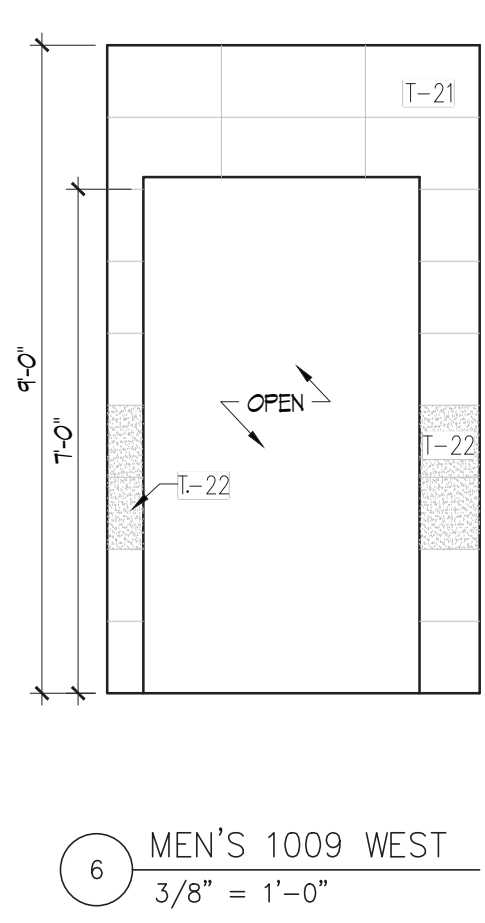
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3/8" = 1'-0"



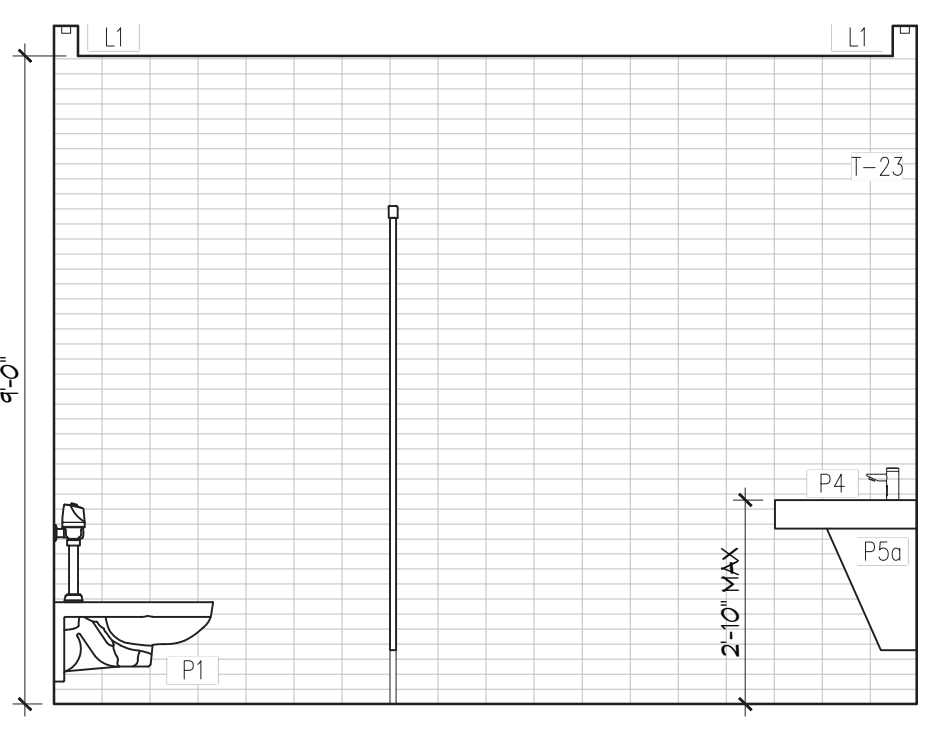
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3/8" = 1'-0"



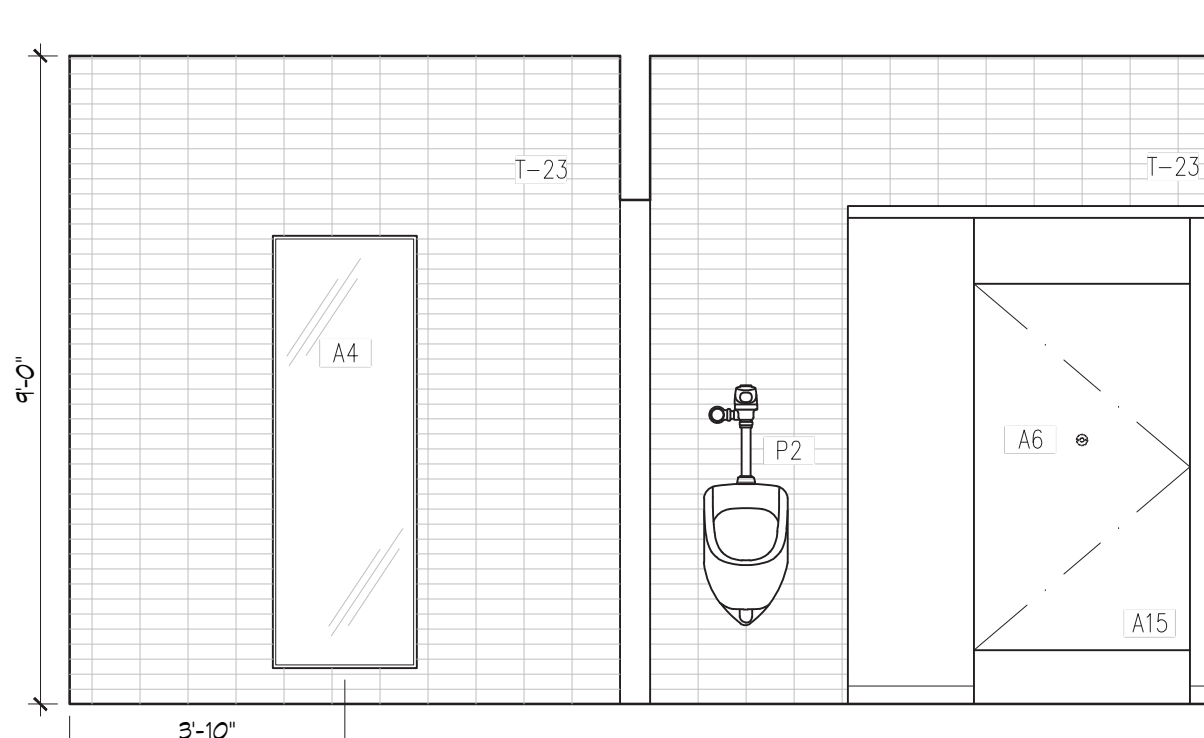
7 MEN'S 1009 NORTH
3/8" = 1'-0"



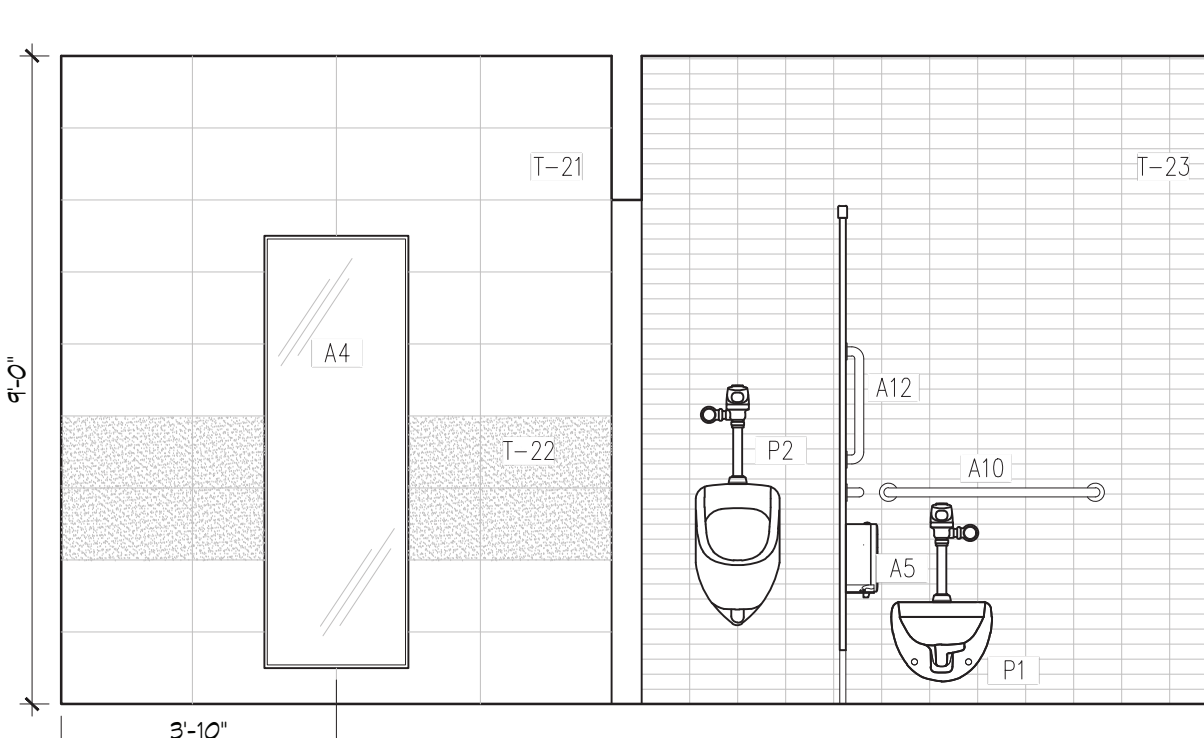
6 MEN'S 1009 WEST
3/8" = 1'-0"



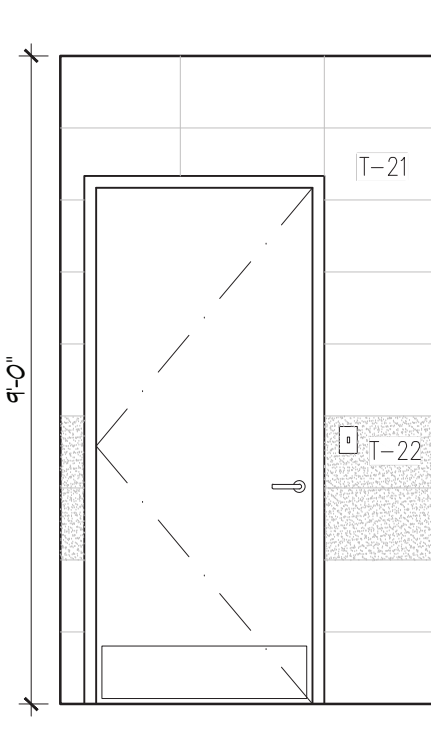
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3/8" = 1'-0"



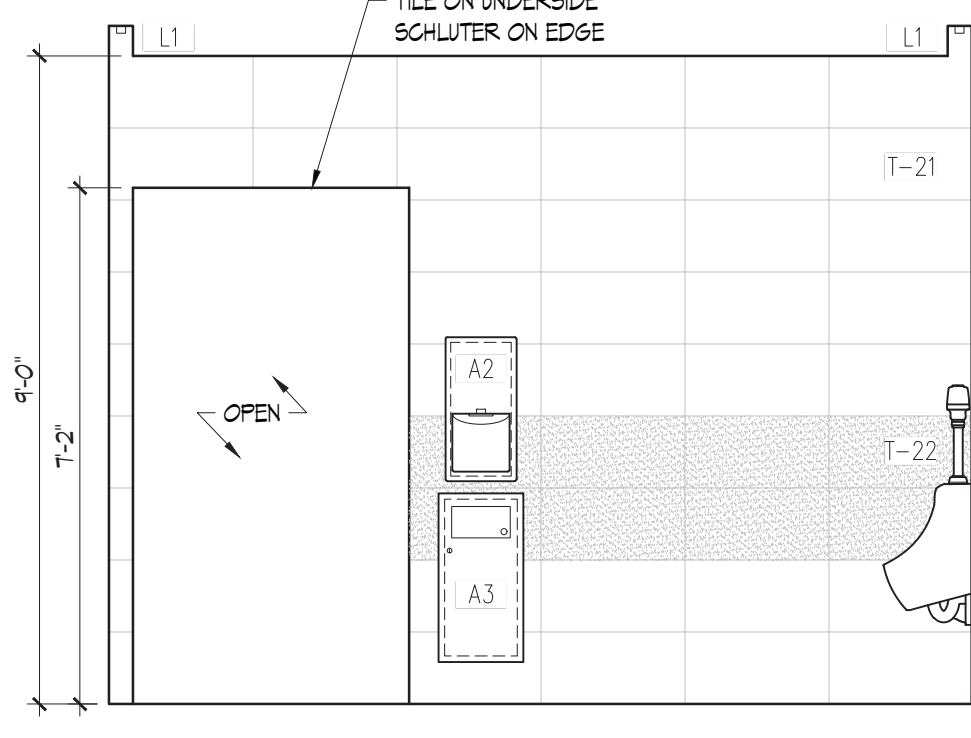
4 MEN'S 1009 SOUTH
3/8" = 1'-0"



3 MEN'S 1009 SOUTH
3/8" = 1'-0"



2 MEN'S 1009 EAST
3/8" = 1'-0"



1 MEN'S 1009 EAST
3/8" = 1'-0"

NOTES

1. FOR PLAN RELATED NOTES INCLUDING DEMOLITION NOTES, RCP AND Foyer DEMO NOTES, CONSTRUCTION PLAN NOTES, REFLECTED CEILING PLAN NOTES AND OTHER RELATED NOTES REFER TO SHEET A-101

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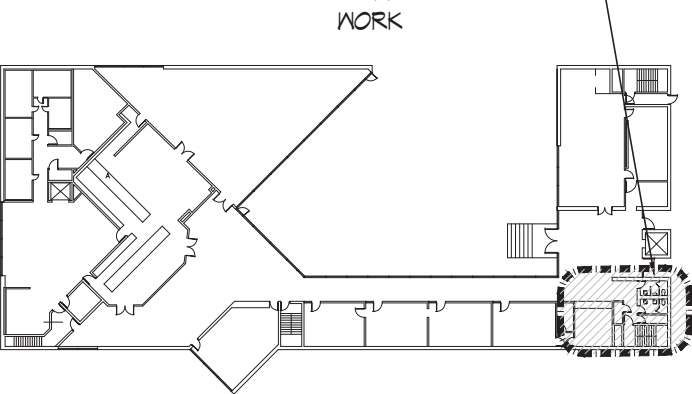
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	27 Feb 2023	Issue for Bid
△	16 June 2023	Addendum #1

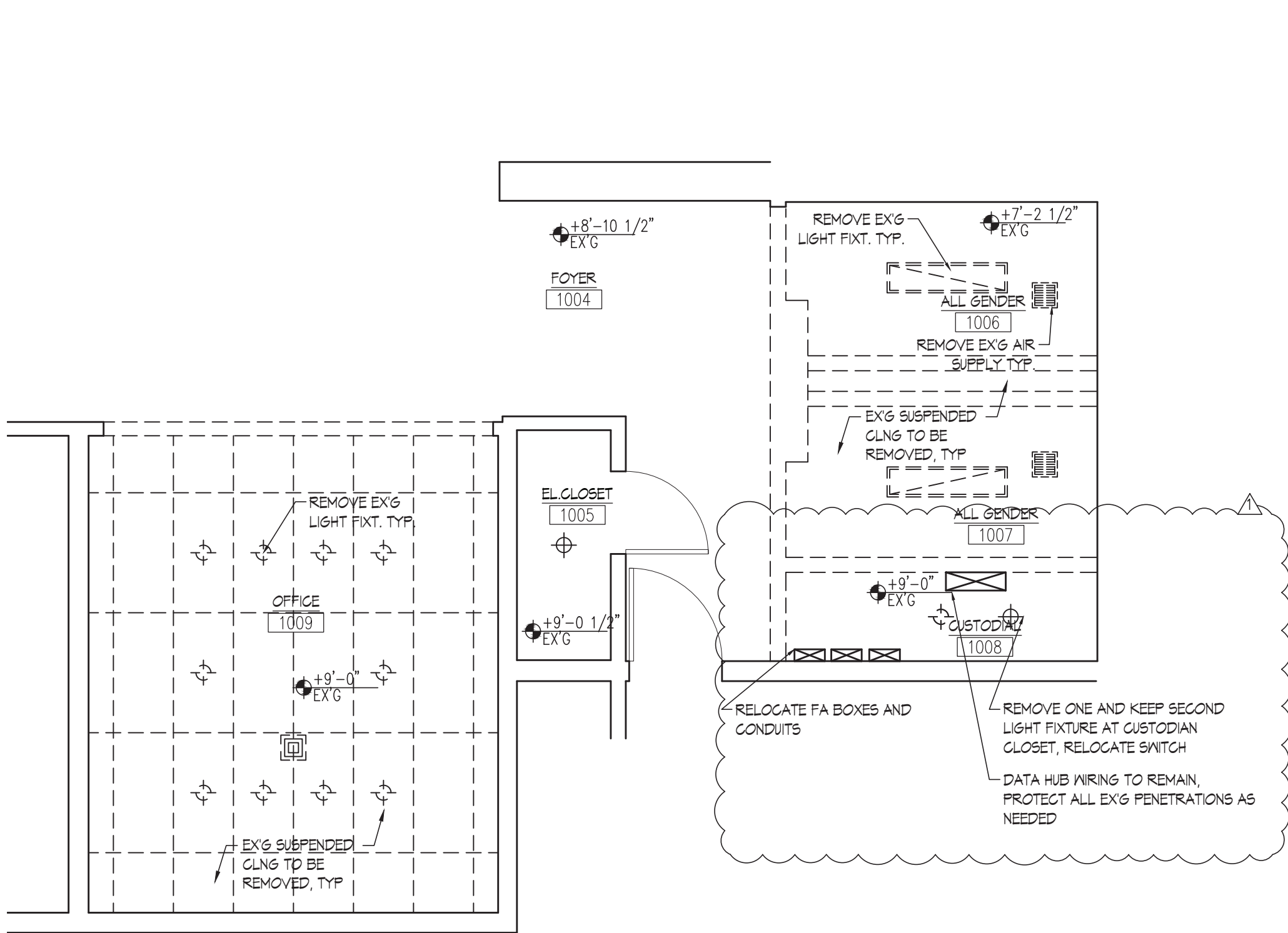
Keyplan



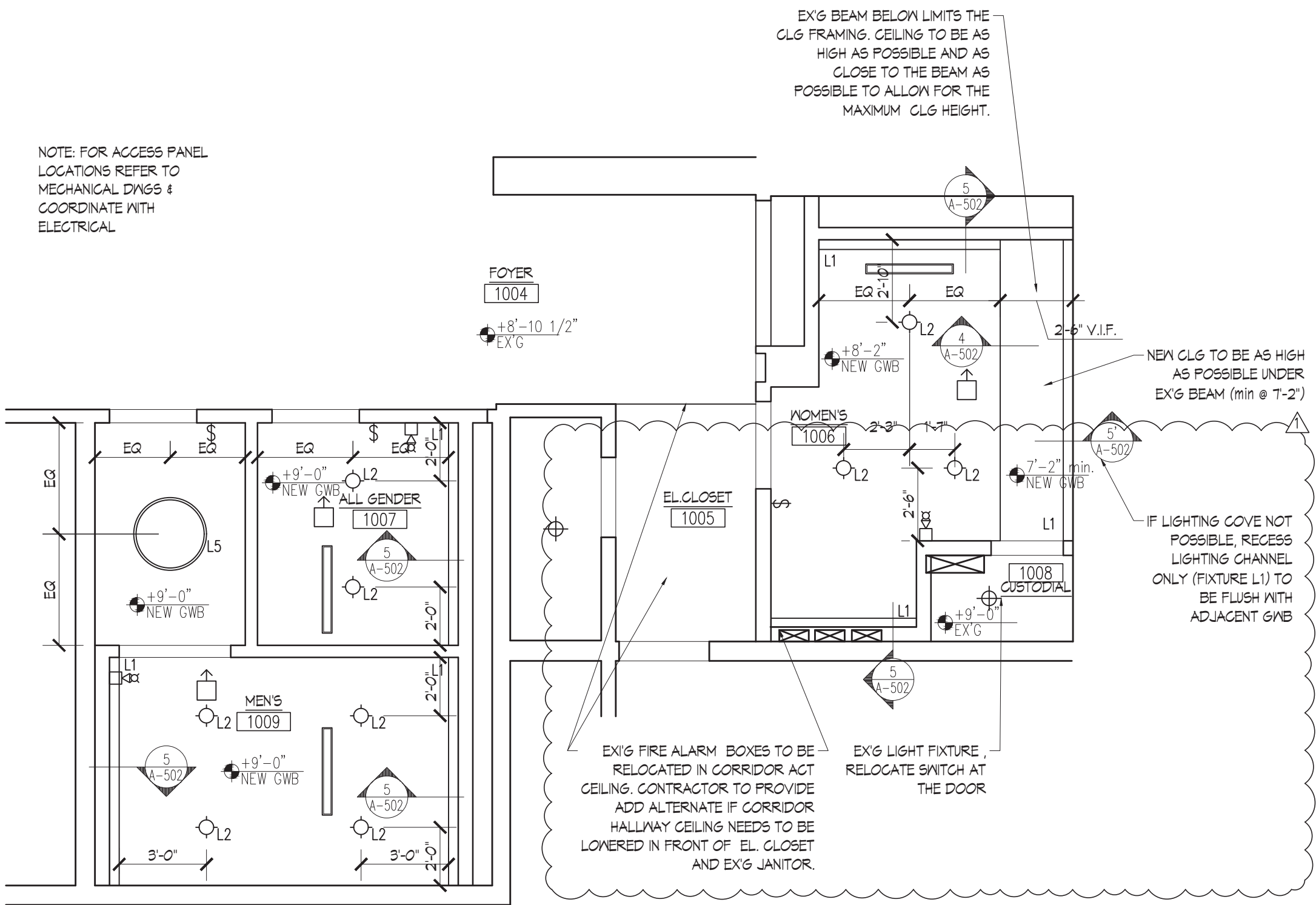
Title
PLANS
CAMPUS CENTER NORTH

Date 01-16-2020
Project No. 1944
Drawing By SJ, CQ
CHK By SN
Scale AS NOTED

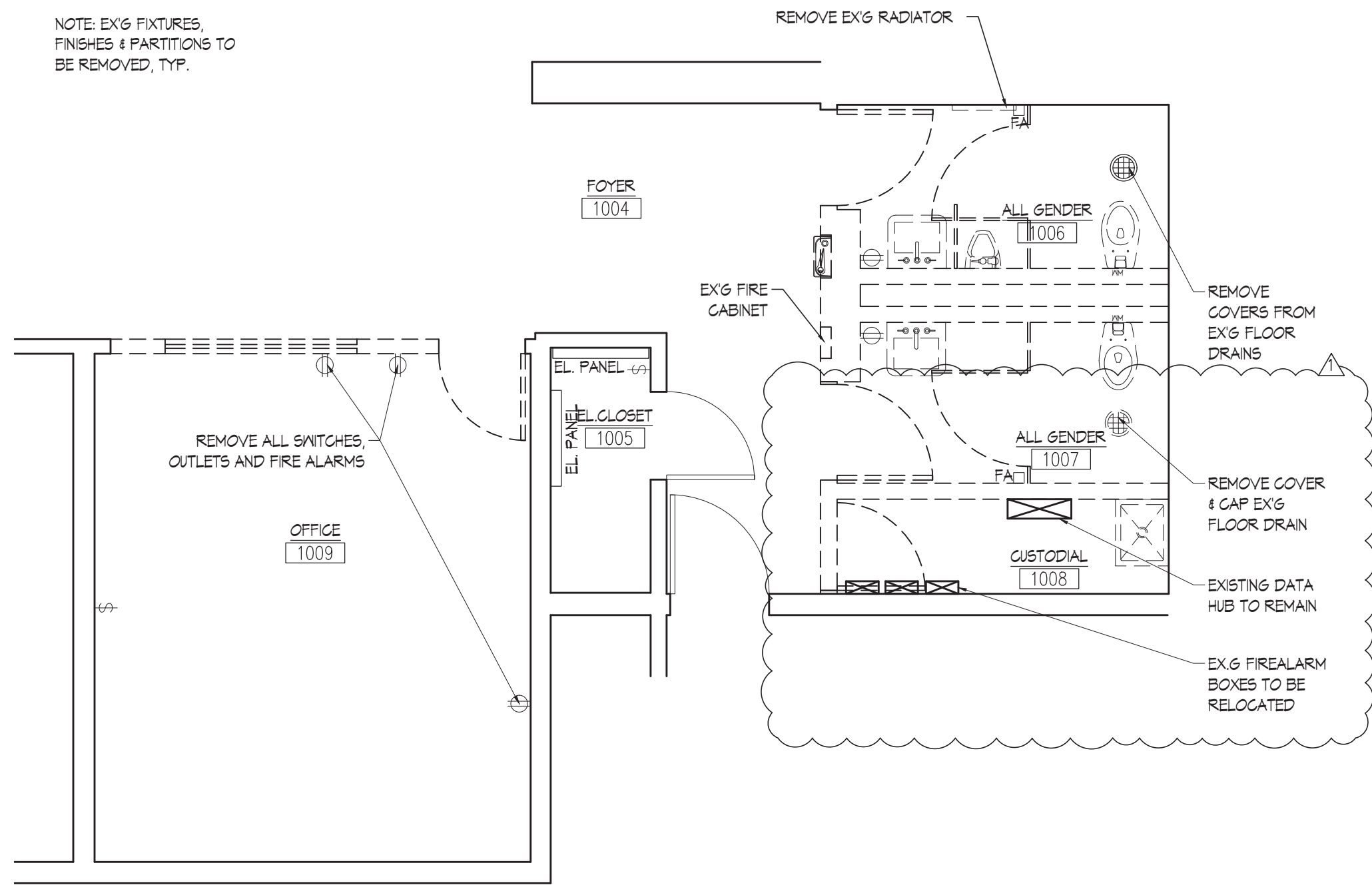
DOB Rev
A-102.00
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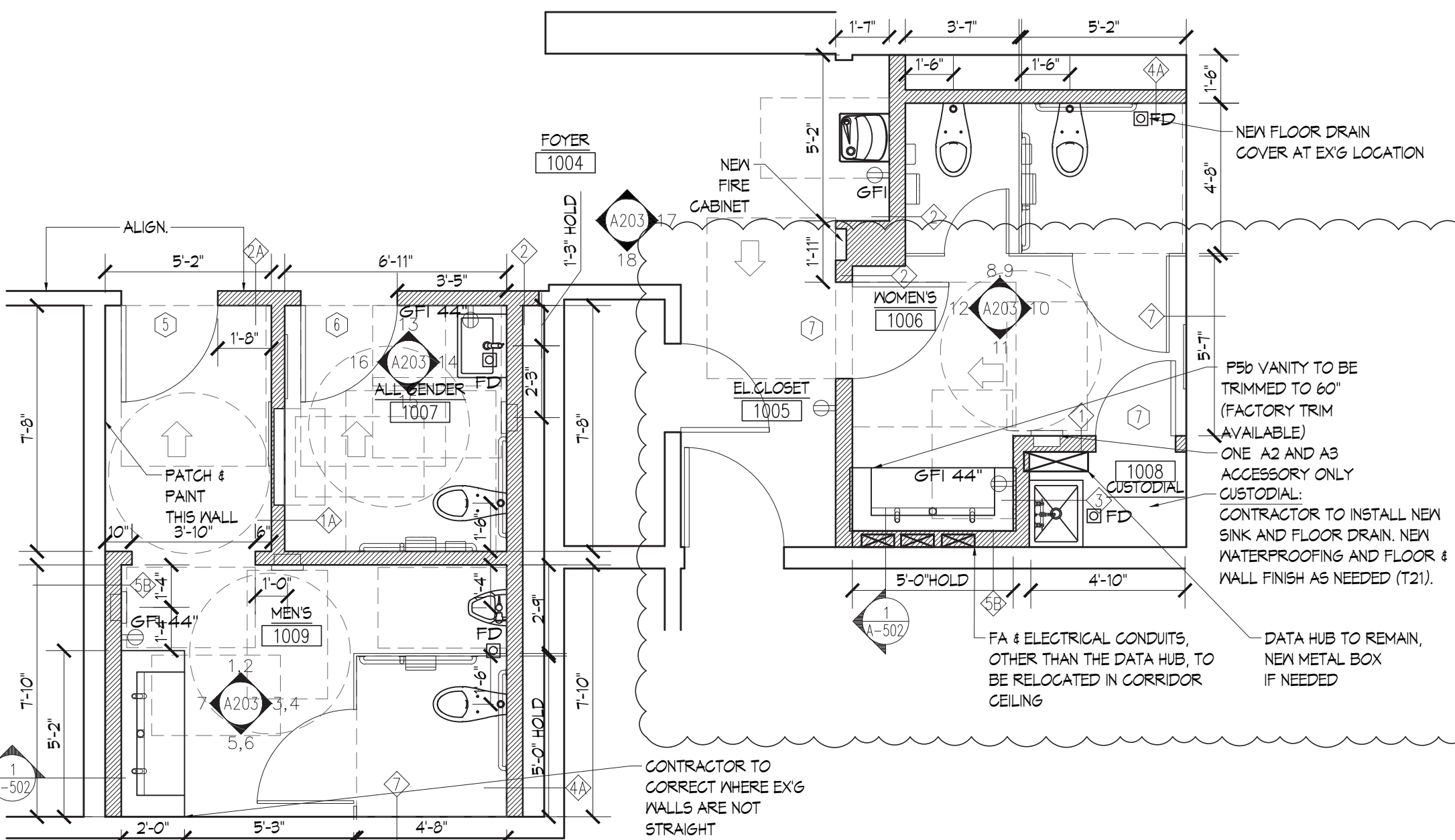
4 FIRST FLOOR DEMOLITION RCP
1/4" = 1'-0"



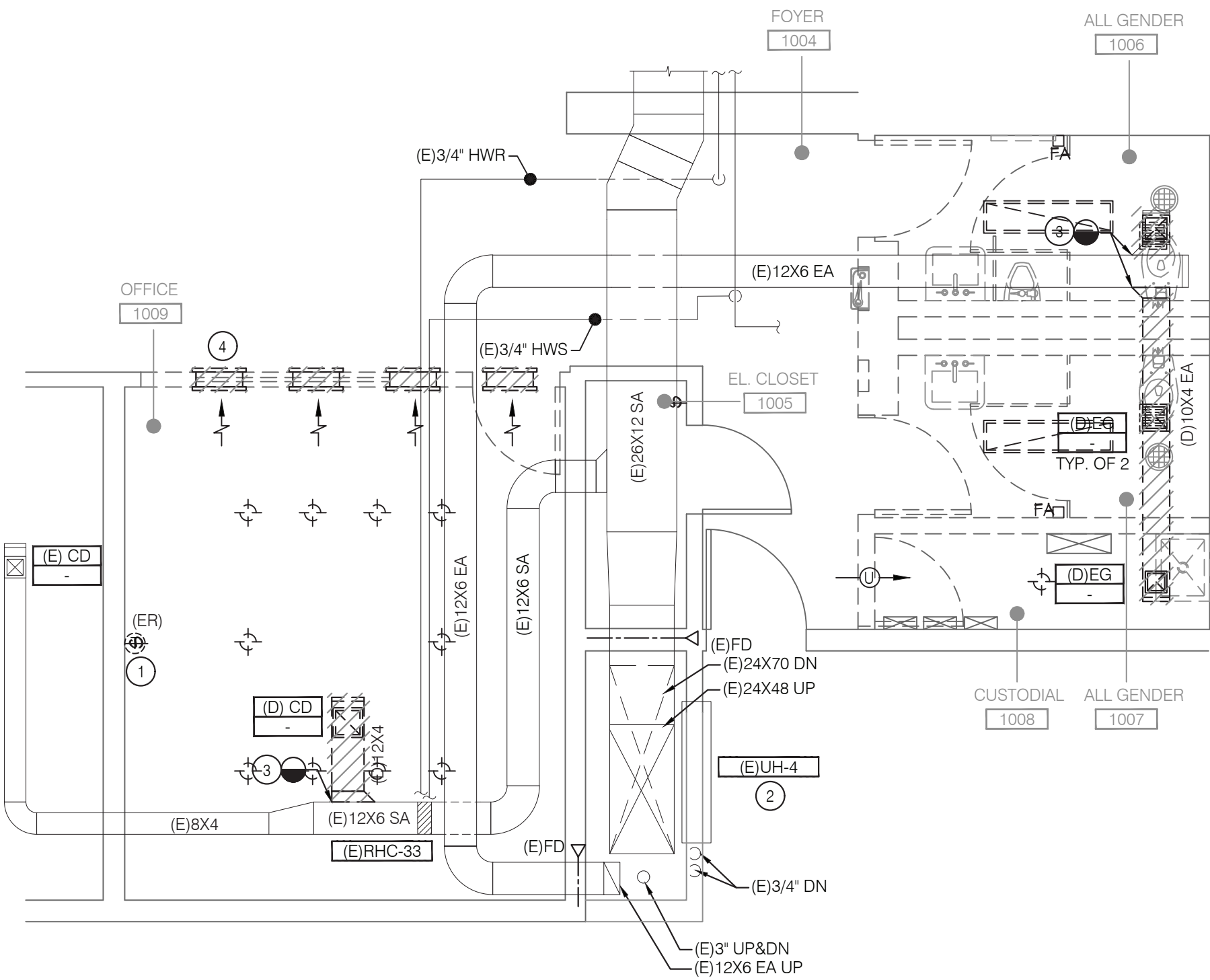
3 FIRST FLOOR RCP
1/4" = 1'-0"



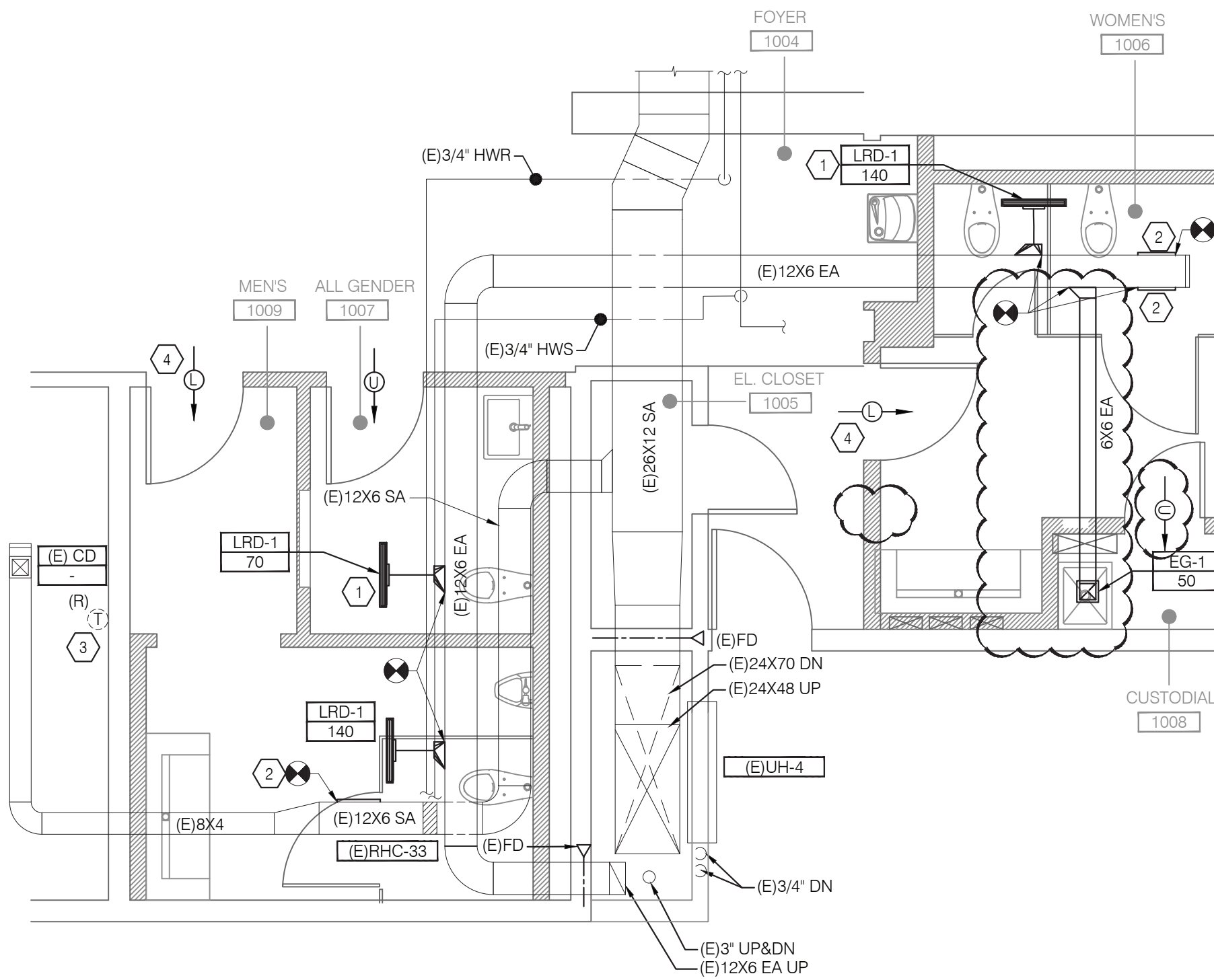
2 FIRST FLOOR DEMOLITION PLAN
1/4" = 1'-0"



1 FIRST FLOOR CONSTRUCTION PLAN
1/4" = 1'-0"



1 FIRST FLOOR PLAN - MECHANICAL REMOVALS
SCALE: 1/4" = 1'-0"



2 FIRST 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 WORK.

DEMOLITION KEY NOTES

- RELOCATE EXISTING THERMOSTAT. SEE NEW WORK PLAN ON DWG. 2/M-101.00 FOR EXACT LOCATION.
- EXISTING UNIT HEATER AND ASSOCIATED PIPING, VALVES, ENCLOSURE, SUPPORTS, CONTROLS ETC. TO REMAIN UNLESS OTHERWISE NOTED.
- REMOVE EXISTING SUPPLY/EXHAUST GRILLE AND ASSOCIATED DUCTWORK, ACCESSORIES, FITTINGS, HANGERS AND SUPPORTS FROM POINT OF DISCONNECTION SHOWN.
- REMOVE EXISTING TRANSFER GRILLE AND ASSOCIATED DUCTWORK, ACCESSORIES, FITTINGS, HANGERS AND SUPPORTS.

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.
- PROVIDE A NEW CONTROL WIRING FROM THE RELOCATED THERMOSTAT TO EXISTING RHC-33
- PROVIDE DOOR LOUVER OF 0.4 SQ FT WITH 100% FREE AREA.

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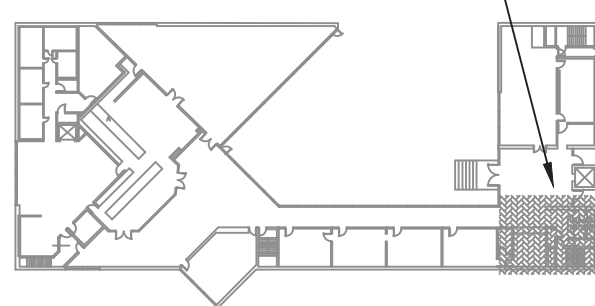
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	27 Feb 2023	Issue for Bid
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KEY PLAN

AREA OF WORK



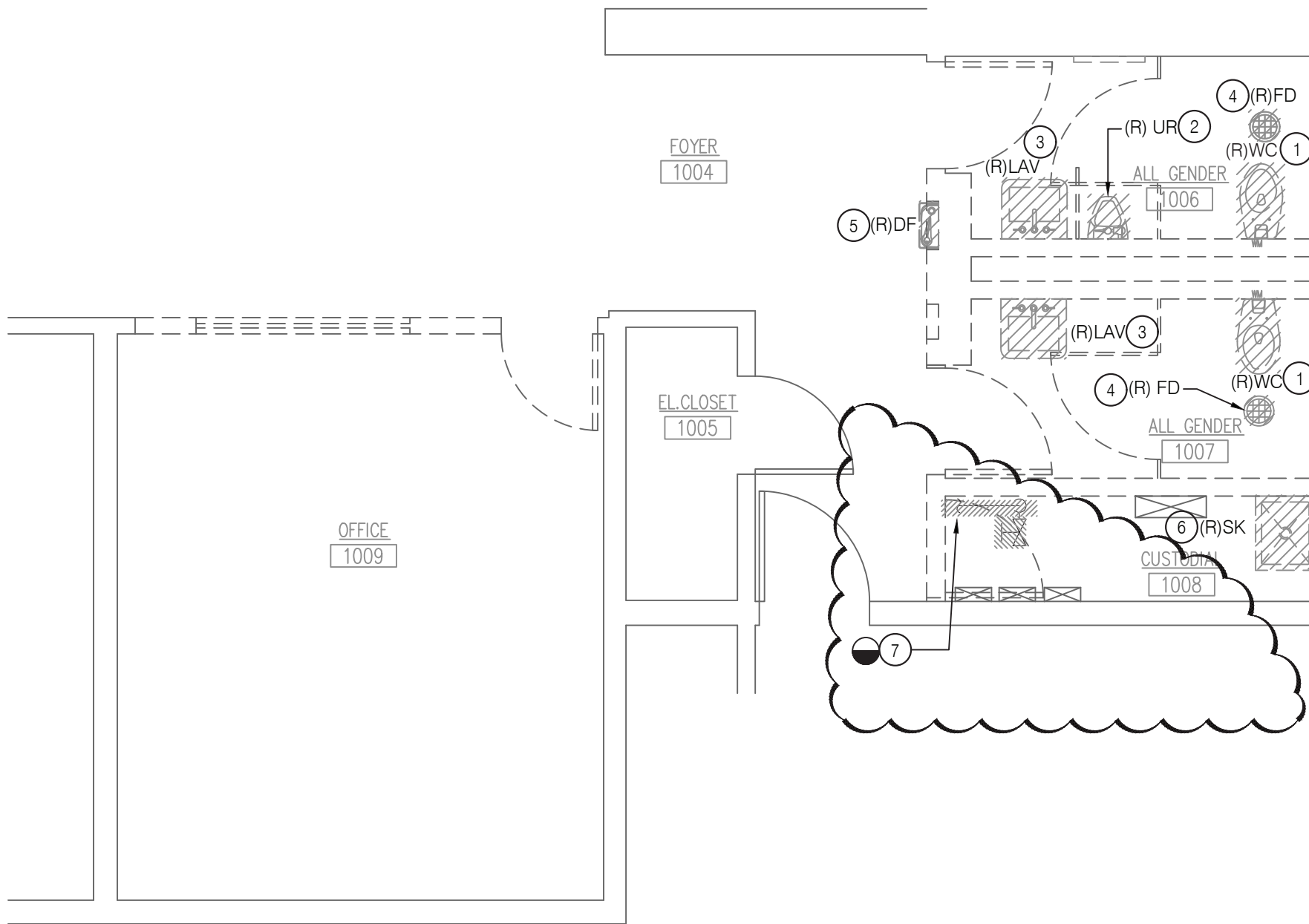
Title CAMPUS CENTER NORTH - MECHANICAL PLANS

Date 06-15-2023
Project No. 1944
Drawing By AKV
CHK By BS
Scale AS NOTED

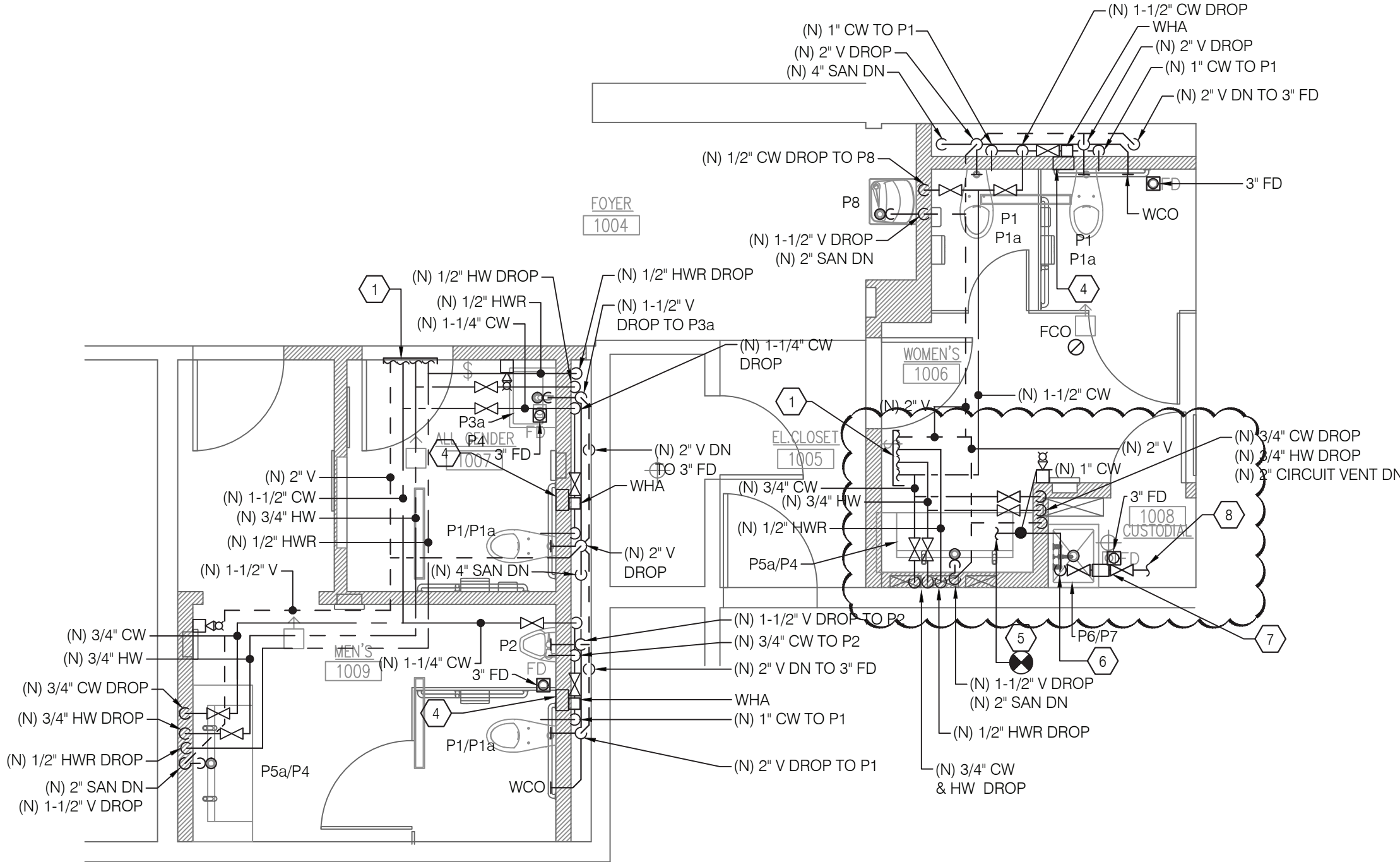
DOB Rev

M-102.00

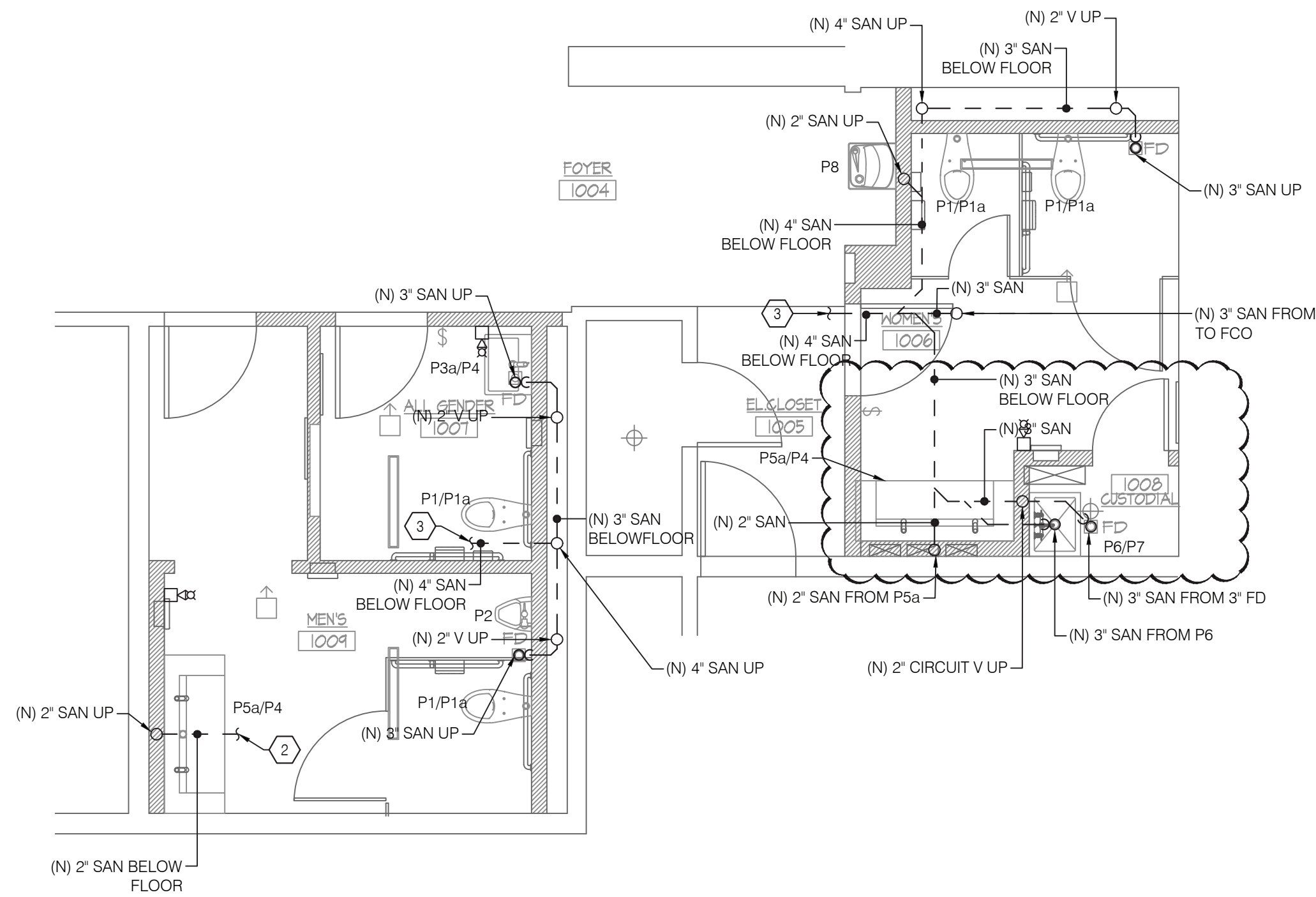




1 FIRST FLOOR PLAN - PLUMBING REMOVALS
P-105.00 SCALE: 1/4" = 1'-0"



2 FIRST FLOOR PLAN - PLUMBING NEW WORK
P-102.00 SCALE: 1/4" = 1'-0"



3 FIRST FLOOR PLAN - PLUMBING NEW WORK (BELOW FLOOR PLAN)
P-102.00 SCALE: 1/4" = 1'-0"

- ### # DEMOLITION KEY NOTES
1. REMOVE EXISTING WATER CLOSET, FLUSH VALVE, CARRIER AND ASSOCIATED PIPES.
 2. REMOVE EXISTING URINAL, FLUSH VALVE, CARRIER AND ASSOCIATED PIPES.
 3. REMOVE EXISTING LAVATORY, FAUCET ALONG WITH P-TRAP CONNECTIONS AND ASSOCIATED PIPES.
 4. REMOVE EXISTING FLOOR DRAIN AND ALL ASSOCIATED PIPES.
 5. REMOVE EXISTING DRINKING FOUNTAIN AND ALL ASSOCIATED PIPES.
 6. REMOVE EXISTING SINK, FAUCET ALONG WITH P-TRAP CONNECTIONS AND ASSOCIATED PIPES.
 7. REMOVE EXISTING CW PIPING, VALVES AND APPURTENANCES BACK TO NEAREST BRANCH / MAIN AND CAP FOR RECONNECTION ABOVE CEILING. REMOVALS DOWNSTREAM OF INDICATED CONTROL VALVE BY FIRE PROTECTION CONTRACTOR. COORDINATE WITH FIRE PROTECTION CONTRACTOR FOR REMOVALS ASSOCIATED WITH THIS CW PIPING.

- ### # NEW WORK KEY NOTES
1. CONNECT NEW 2" VENT, 1-1/2" CW 3/4" HW AND 1/2" HWR PIPES TO NEAREST EXISTING RESPECTIVE PIPES AT CEILING.
 2. CONNECT NEW 2" SANITARY PIPE TO NEAREST EXISTING SANITARY PIPE AT FLOOR BELOW.
 3. CONNECT NEW 4" SANITARY PIPE TO NEAREST EXISTING SANITARY PIPE AT FLOOR BELOW.
 4. ACCESS PANEL TO ACCESS BALL VALVE AND WATER HAMMER ARRESTOR.
 5. CONNECT NEW 1" CW PIPE TO NEAREST EXISTING 1" CW PIPE.
 6. 1" CW DROP BELOW EXISTING CEILING.
 7. NEW DOUBLE CHECK VALVE, BASIS OF DESIGN WATTS MODEL LF007 VALVE SHALL BE INSTALLED IN ACCESSIBLE LOCATION SUCH THAT VALVE HANDLES ARE NO GREATER THAN 7'-0" ABOVE FINISHED FLOOR. COORDINATE WITH ARCHITECT AND FIRE PROTECTION FOR EXACT LOCATION.
 8. 1" SPRINKLER PIPING SHOWN FOR REFERENCE ONLY. PIPING DOWNSTREAM OF DOUBLE CHECK VALVE CAPTURED UNDER FIRE PROTECTION SCOPE OF WORK. REFER TO FIRE PROTECTION PLANS.

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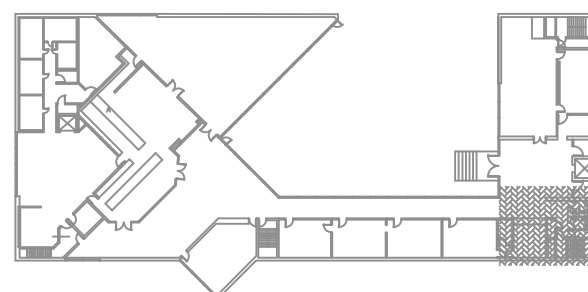
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KEY PLAN



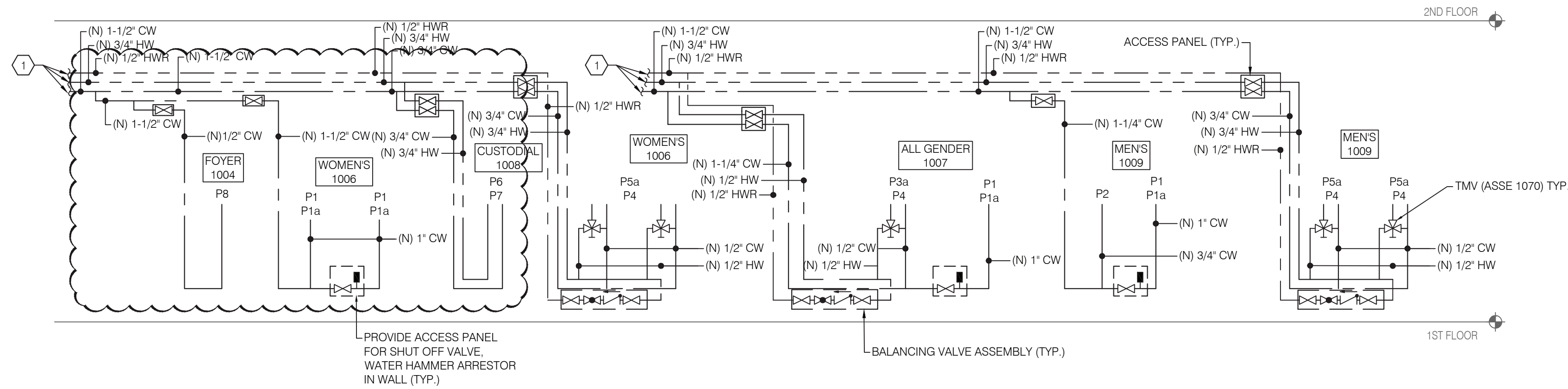
CAMPUS CENTER NORTH-PLUMBING PLANS

Date	06-15-2023
Project No.	1944
Drawing By	CHS
CHK By	EB
Scale	AS NOTED

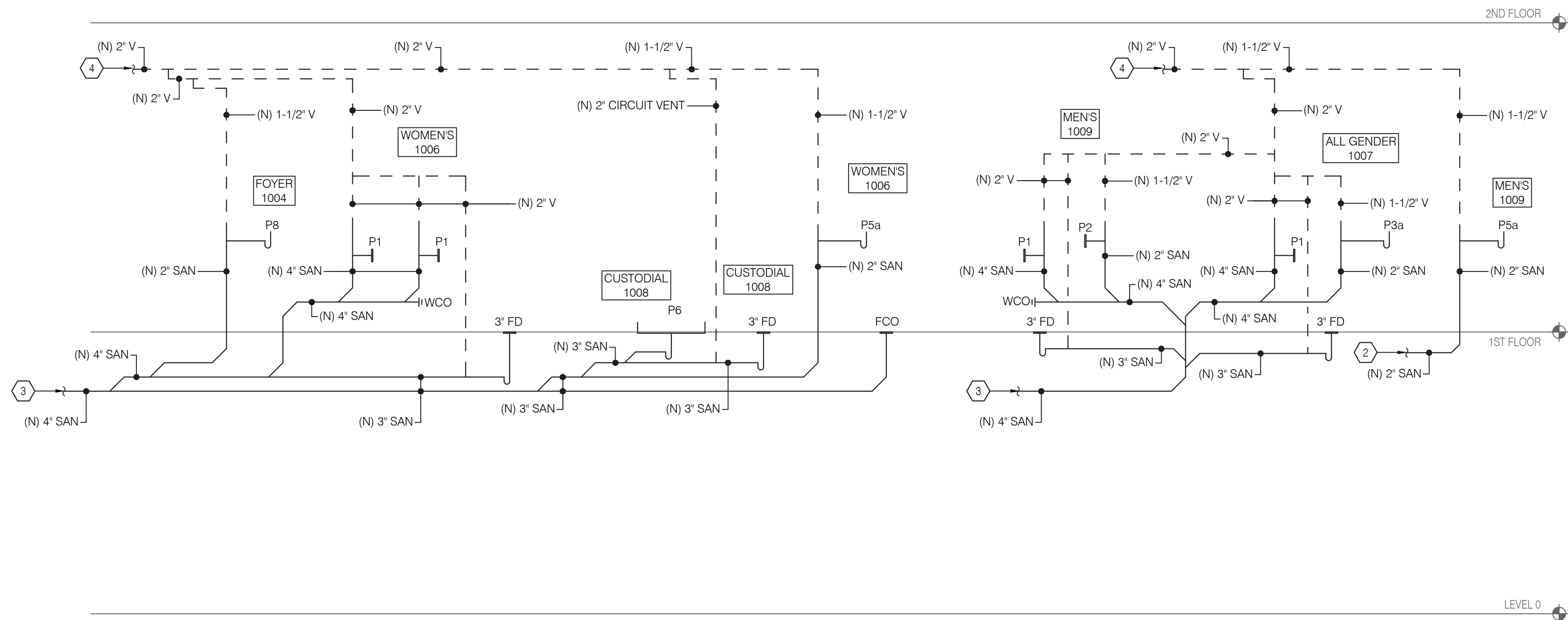
DOB Rev

P-102.00





1 PARTIAL WATER RISER DIAGRAM (CAMPUS CENTRE NORTH)
P-505.00 SCALE: NOT TO SCALE



2 PARTIAL SANITARY RISER DIAGRAM (CAMPUS CENTRE NORTH)
P-505.00 SCALE: NOT TO SCALE

SHEET KEY NOTES

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

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Title CAMPUS CENTER NORTH - PLUMBING RISER DIAGRAMS

Date 06-15-2023
Project No. 1944
Drawing By CHS
CHK By EB
Scale AS NOTED

DOB Rev

P-502.00

PLUMBING FIXTURE SCHEDULE											
ID	FIXTURE	ADA	MANUFACTURER	MODEL	DESCRIPTION	MOUNTING	REMARKS	PLUMBING FIXTURE ROUGH-IN			
								CW	HW	WASTE	VENT
P1	WALL MOUNTED TOILET	YES	SLOAN	ST-2459	WHITE VITREOUS CHINA, ELONGATED BOWL, WALL MOUNTED, WALL OUTLET, SIPHON JET FLUSHING ACTION ACHIEVES 1000g MAP SCORE WHEN USED WITH ANY SLOAN FLUSHOMETER , 1 1/2" I.P.S. TOP SPUD INLET, STATIC LOAD RATING OF 750 LBS. WATER SPOT AREA 10 1/8" X 9 3/8" (26 CM X24 CM).	WALL MOUNT	1.28 GPF, FLUSHOMETER TOILET, FOR ADA SEAT HEIGHT SET AT 17" TO 19" FROM FINISHED FLOOR	-	-	4"	2"
P1a	SOLAR POWERED DUAL FLUSH	-	SLOAN	8111-1.6/1.1	EXPOSED, SOLAR POWERED, SENSOR ACTIVATED SLOAN SOLIS DUAL FLUSH MODEL WATER CLOSET FLUSHOMETER FOR WALL HUNG TOP SPUD BOWLS. FULL FLUSH (LARGE BUTTON) 1.6 GPF/6.0 LPF. REDUCED FLUSH (SMALL BUTTON) 1.1 GPF/4.2 LPF.	-	-	1"	-	-	-
P2	URINAL/FLUSH VALVE COMBO	YES	SLOAN	WESU-7000.1201	WHITE VITREOUS CHINA, WASH-DOWN FLUSHING ACTION, INTEGRAL FLUSHING RIM, 3/4" I.P.S. TOP SPUD INLET, 2" NPT OUTLET FLANGE , VANDAL RESISTANT STRAINER ASSEMBLY INCLUDED, 100% FACTORY FLUSH TESTED , FLUSH VOLUME 0.125 GPF, SU-7009 URINAL AND SOLIS 8186 FLUSHOMETER COMBO.	WALL MOUNT	0.125 GPF EXPOSED SENSOR URINAL FLUSHOMETER	3/4"	-	2"	1-1/2"
P3a	WALL MOUNTED SINK	YES	DURAVIT	VERO	SINK DIMENSION 23 5/8" X 18 1/4" X 5 3/8" , WHITE VITREOUS CHINA WITH OVER FLOW, ORDER NO 045460.27	WALL MOUNT	-	-	-	2"	1-1/2"
P3b	WALL MOUNTED SINK	YES	DURAVIT	VERO	SINK DIMENSION 31 1/2" X 18 1/4" X 5 3/8" , WHITE VITREOUS CHINA WITH OVER FLOW, ORDER NO 045480.25	WALL MOUNT	-	-	-	2"	1-1/2"
P4	WALL MOUNTED SINK FAUCET	-	SLOAN	OPTIMA SOLIS EAF-875-16N	SOLAR POWERED, SENSOR ACTIVATED , ELECTRONIC , CHROME PLATED CONSTRUCTED METAL , HAND WASHING FAUCET , MAGNETIC SOLENIID VALVE, AUTOMATIC SELF ADAPTING SENSOR TECHNOLOGY, 6 VDC LITHIUM BATTERY BACK-UP POWER	-	0.5 GPM FLOW RATE, PROVIDE ASSE #4079 THERMOSTATIC MIXING VALVE	1/2"	1/2"	-	-
P5a	VANITY SINK	YES	SOPHSTONE	SOPH-ST62	SINK DIMENSION 62" X 23 5/8" X 4-3/4" ADA COMPLIANT, SOPHSTONE COMPOSITE STONE WITH HONED FINISH, METICULOUSLY HAND CRAFTED, SMOOTH, EASY TO CLEAN SURFACE WITH STAIN RESISTANT QUALITIES. ECO- SENSITIVE WITH HIGH RECYCLED MATERIAL CONTENT.	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, SOPHSTONE COMPOSITE STONE WITH HONED FINISH, METICULOUSLY HAND CRAFTED, SMOOTH, EASY TO CLEAN SURFACE WITH STAIN RESISTANT QUALITIES. ECO- SENSITIVE WITH HIGH RECYCLED MATERIAL CONTEN	WALL MOUNT	FOR SOPHSTONE VANITY COLORS REFER TO ARCHITECTURAL DRAWINGS	-	-	2"	1-1/2"
P6	MOP SINK	-	ADVANCE TABCO	B-OP-20	16 GAUGE TYPE 304 SERIES STAINLESS STEEL SINK BOWL WITH FLOOR MOUNTED, SINK DIMENSION 21" X 25" X 10". FREE FLOW DRAIN.	FLOOR MOUNT	-	-	-	3"	2"
P7	MOP SINK WALL MOUNTED FAUCET	-	ADVANCE TABCO	K-240	BRASS CHROME PLATED BODY AND SPOUT, CHROME PLATED HANDLES, 8" O.C WATER SUPPLY , QUARTER TURN WEDGE STYLE HANDLES WITH COLORED HOT AND COLD INDEXES, VACUUM BREAKER, BUILT-IN STOPS.	-	-	3/4"	3/4"	-	-
P8	DRINKING FOUNTAIN	YES	ELKAY	LZS8WSLP	ELKAY ENHANCED EZ420 BOTTLE FILLING STATION & SINGLE ADA COOLER, FILTERED 8 GPH FINISH WITH LIGHT GREY GRANITE. 115V/60HZ , FULL LOAD 5 AMPS WITH CHILLING CAPACITY OF 8.0 GPH (GALLONS PER HOUR) OF 50° F DRINKING WATER, HANDS FREE, AUTOMATIC FILTER STATUS RESET, ENERGY SAVINGS, GREEN TICKER, LAMINAR FLOW , ANTIMICROBIAL ,REAL DRAIN	WALL MOUNT	-	1/2"	-	2"	1-1/2"
3" FD	FLOOR DRAIN	-	PROSET	T35630-F-P	THE TRAP GUARD DEVICE IS AN INTEGRAL PART OF THE PROSET FLOOR DRAIN AND COMES AS A COMPLETE UNIT. THE DRAIN COMES WITH A PROTECTIVE PLASTIC STRAINER COVER AND A HEAVY PLUG UNDERNEATH THE STRAINER TOP.	FLOOR MOUNT	-	-	-	3"	2"
NOTE: *REFER TO ARCHITECTURAL PLANS FOR EXACT FIXTURE LOCATIONS, QUANTITIES AND ADA REQUIREMENTS. *PLUMBING FIXTURE SCHEDULE INDICATING THE SPECIFIED PRODUCT ARE BASIS OF DESIGN.											

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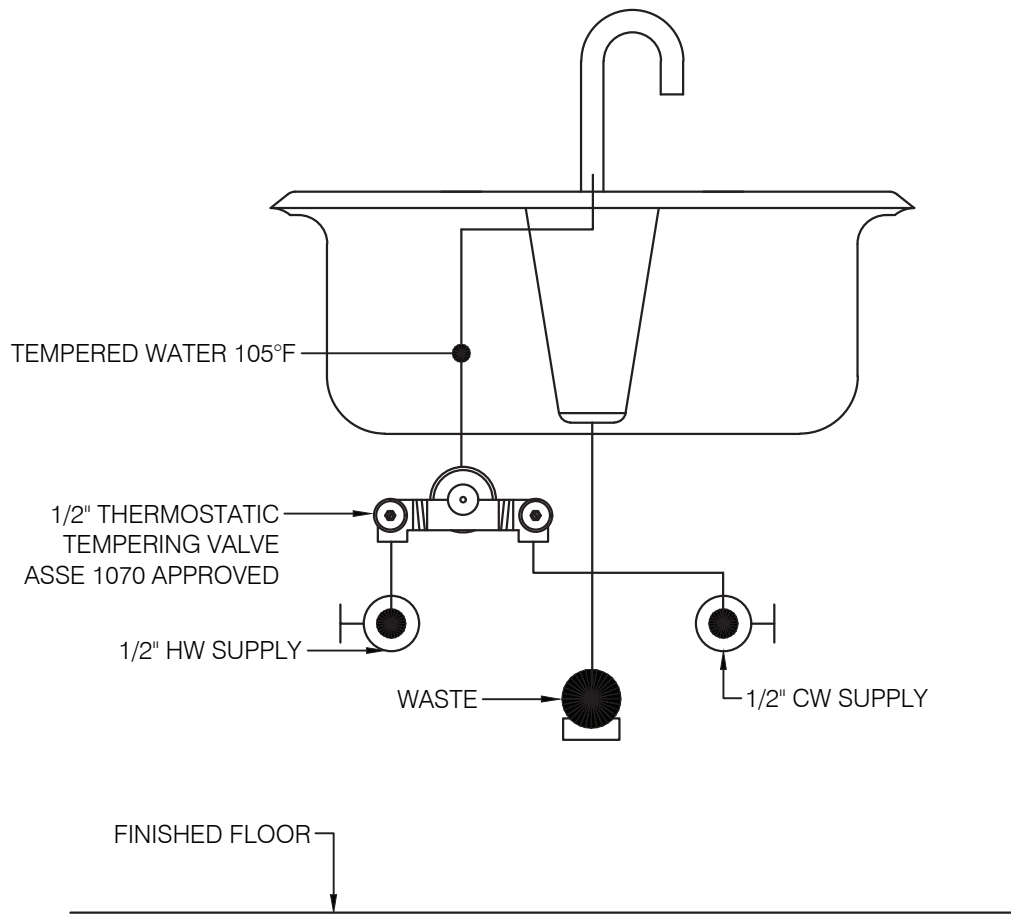
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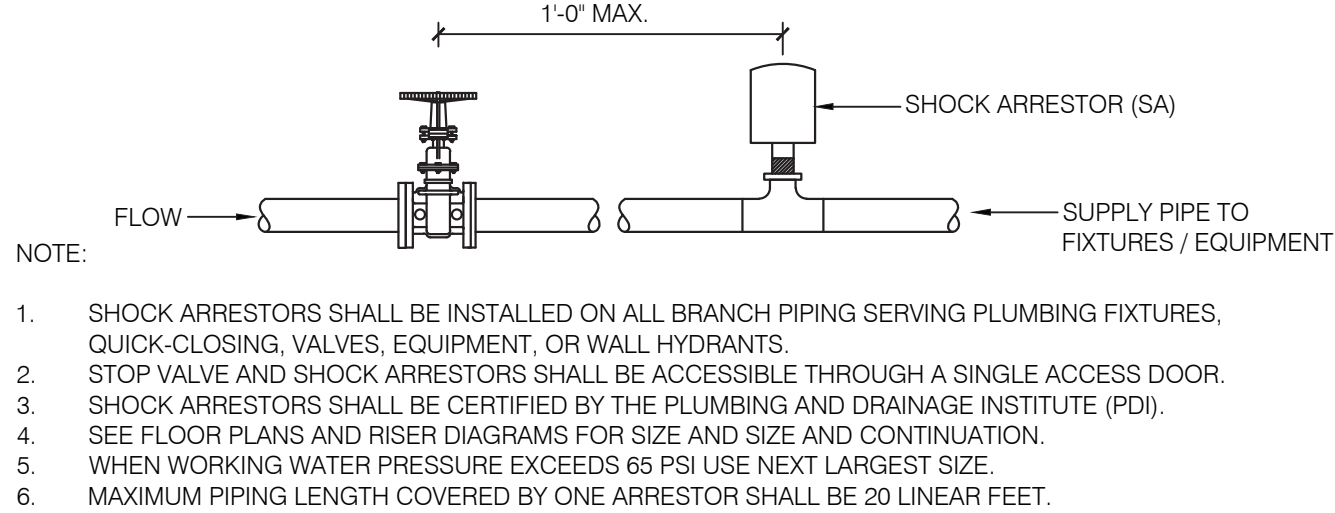
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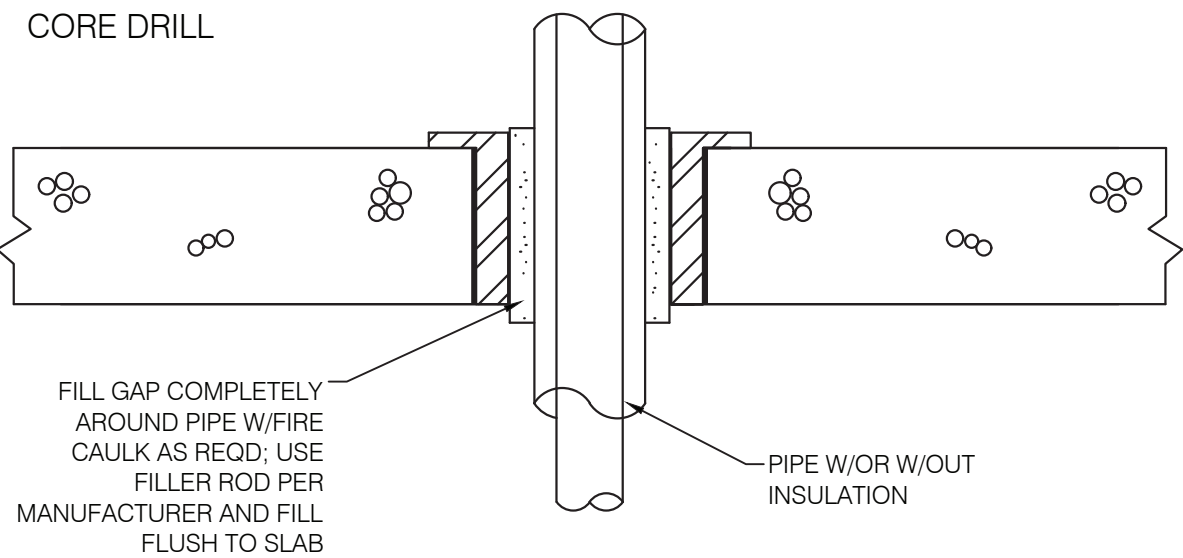
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4 POINT OF USE MIXING VALVE DETAIL
SCALE: NOT TO SCALE

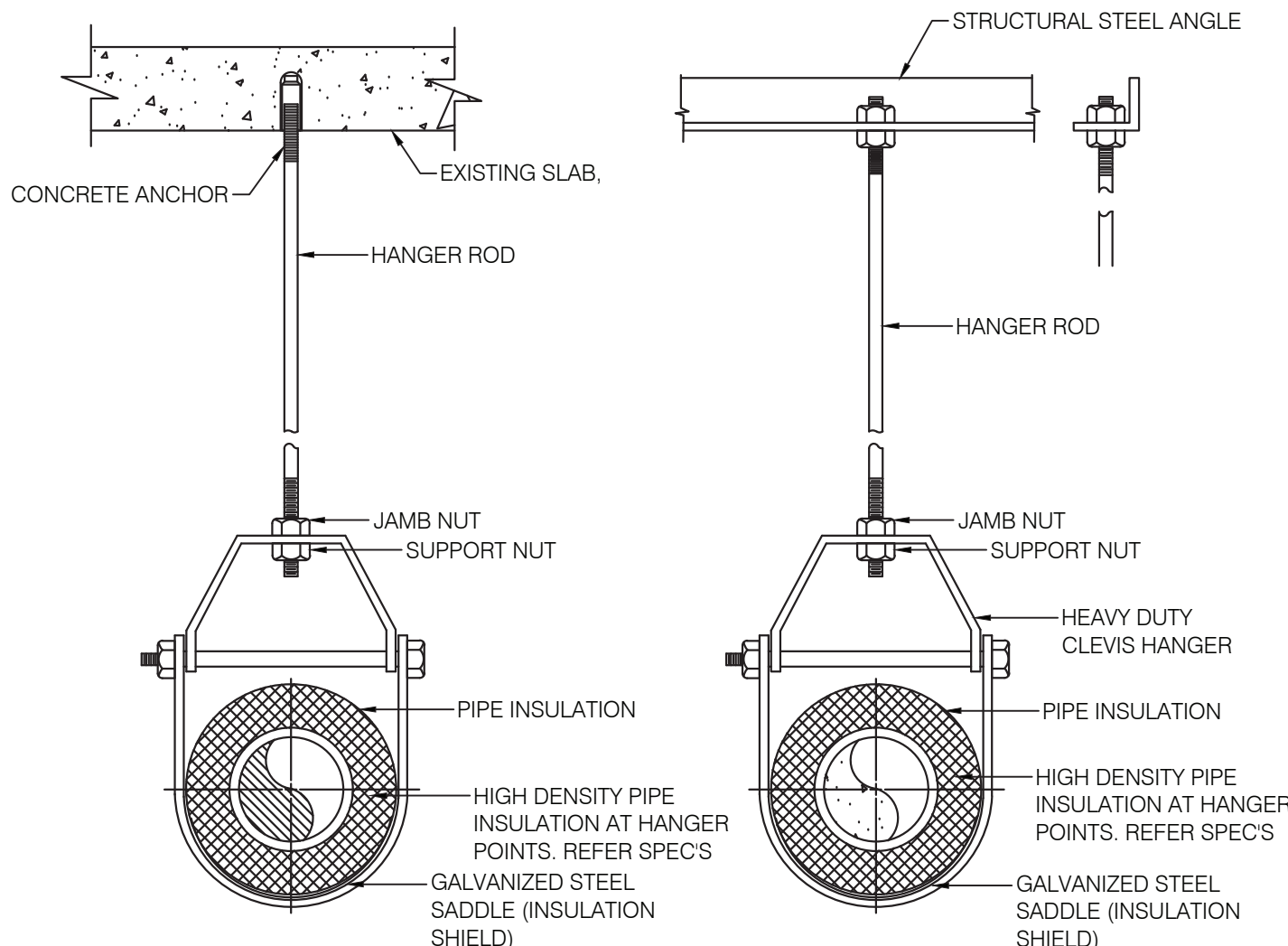


3 SHOCK ARRESTOR DETAIL
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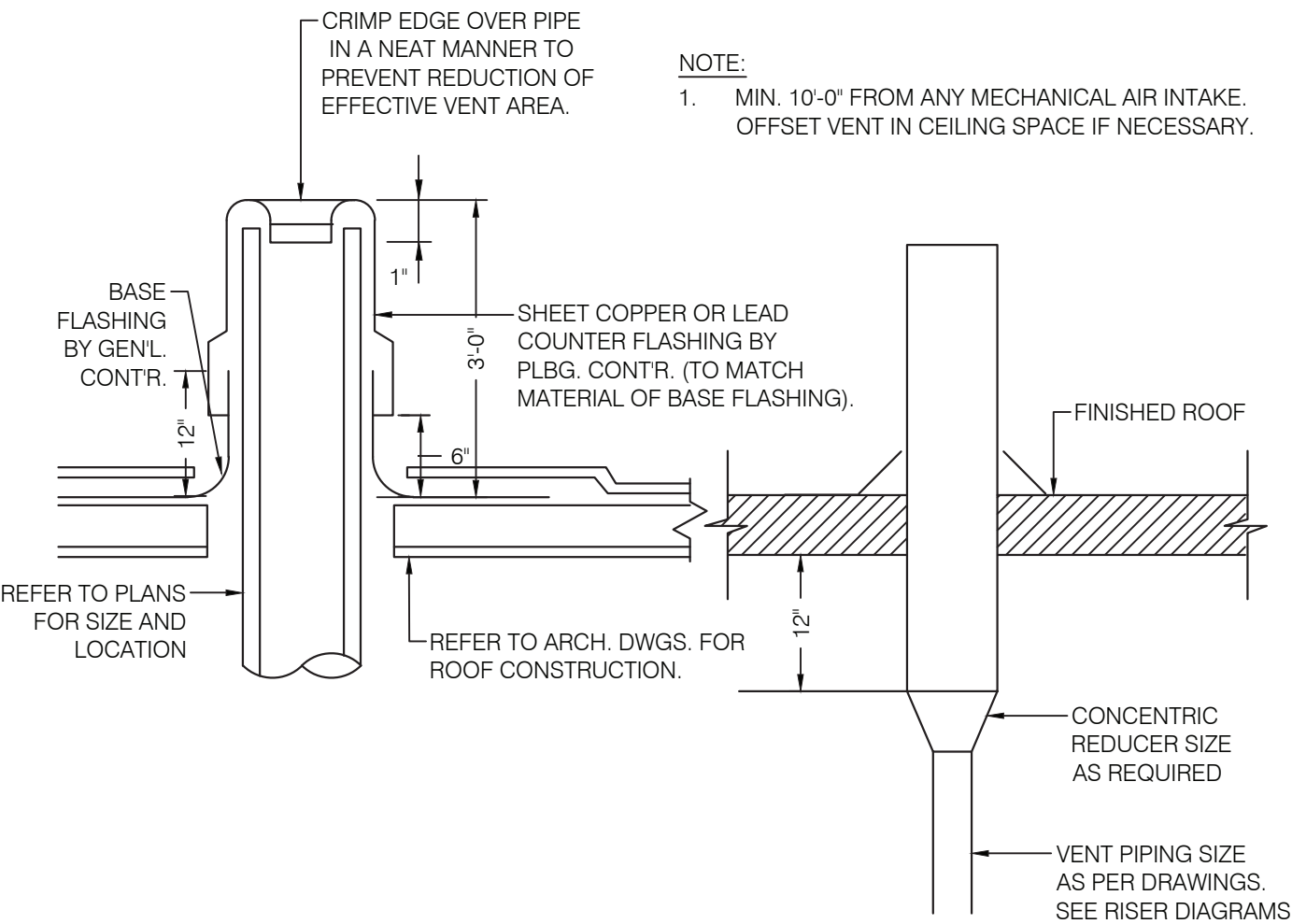


NOTE: ALL PIPING SLEEVES WILL BE SCHEDULE 40 STEEL PIPE

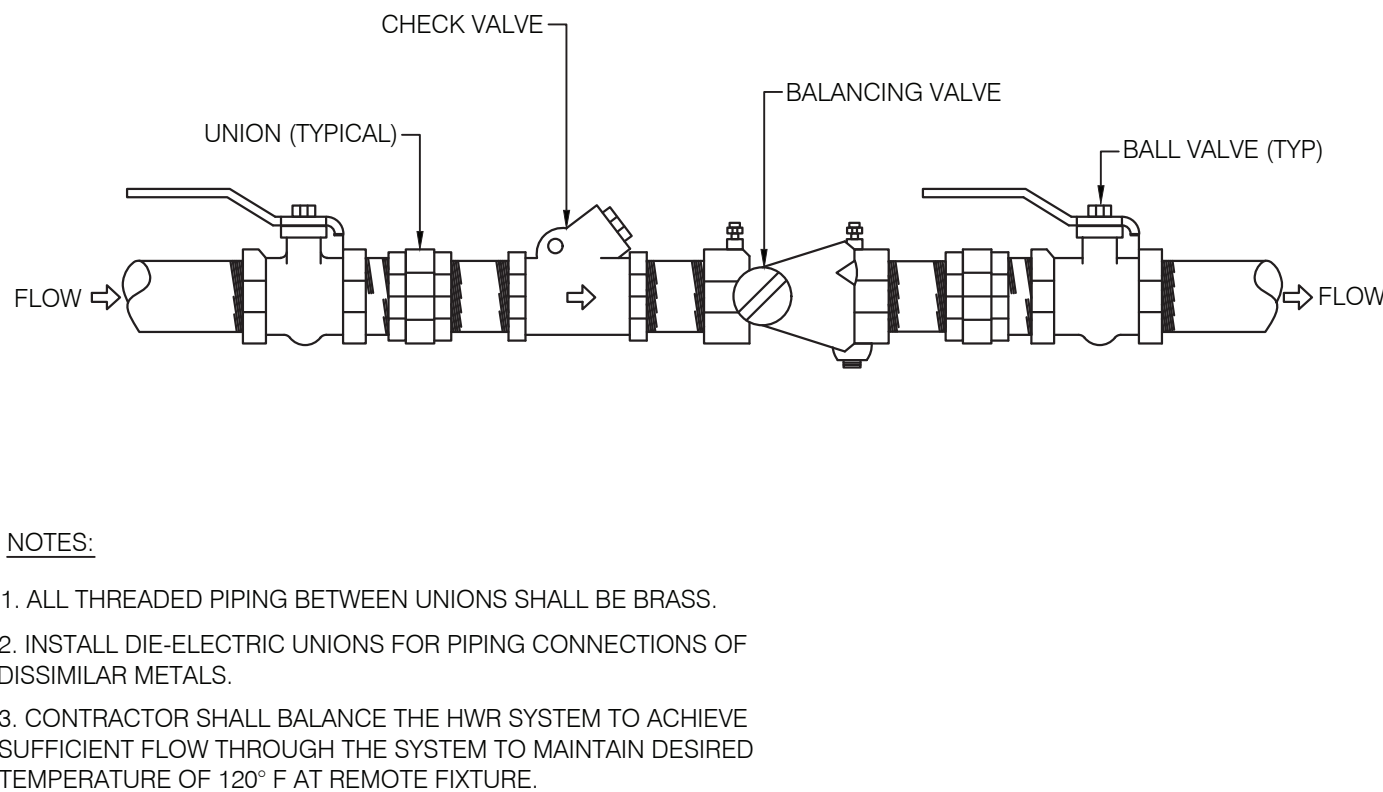
2 PIPE PENETRATION THROUGH CONCRETE
SCALE: NOT TO SCALE



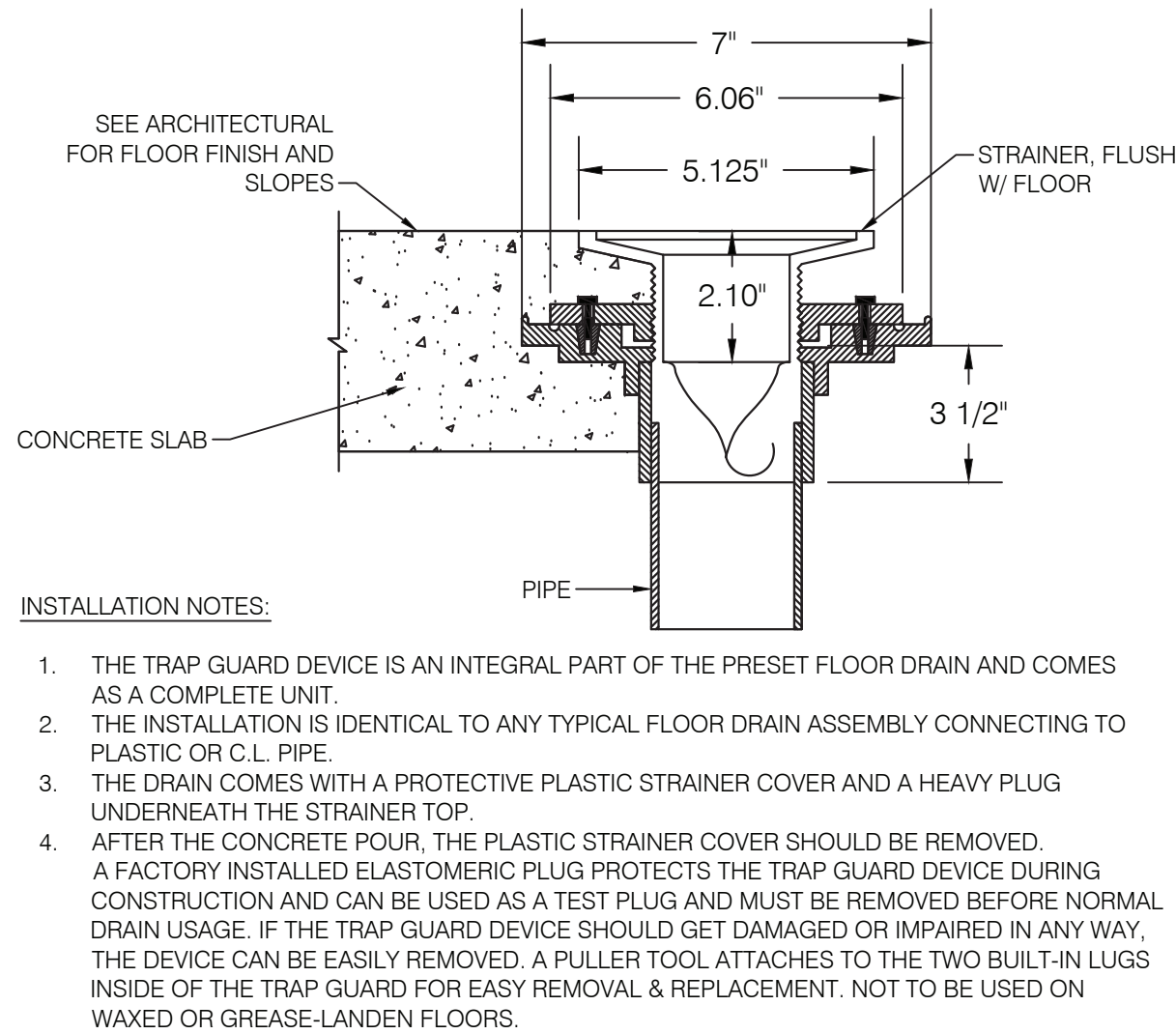
1 PIPE SUPPORT DETAIL
SCALE: NOT TO SCALE



8 PLUMBING VENT THROUGH ROOF DETAIL
SCALE: NOT TO SCALE

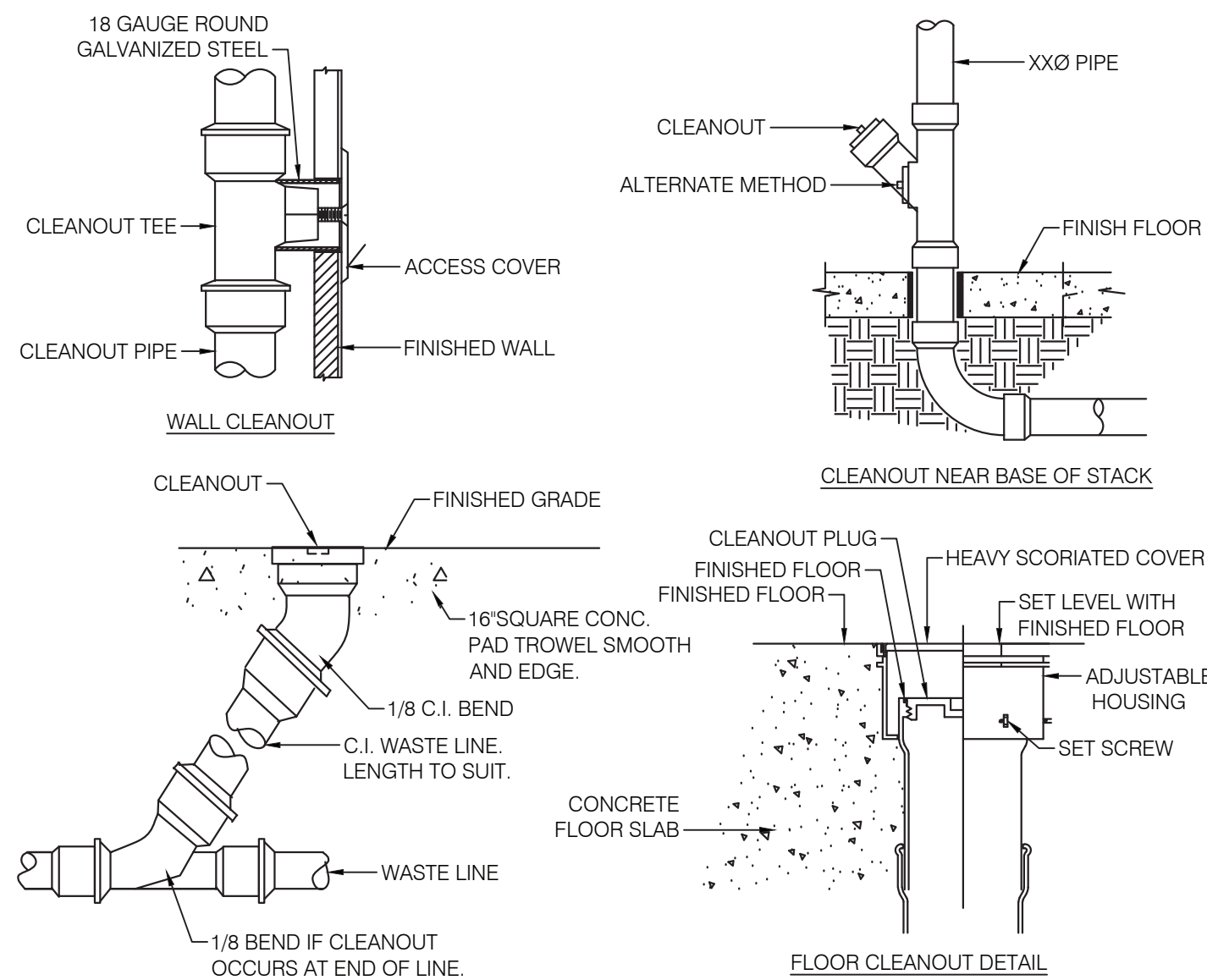


7 DOMESTIC HOT WATER RETURN BALANCING ASSEMBLY
SCALE: NOT TO SCALE



NOTE: CARE SHOULD BE TAKEN NOT TO TOUCH THE FLEXIBLE MATERIAL WITH PRIMER OR SOLVENT CEMENT.

6 TRAP GUARD FLOOR DRAIN DETAIL
SCALE: NOT TO SCALE



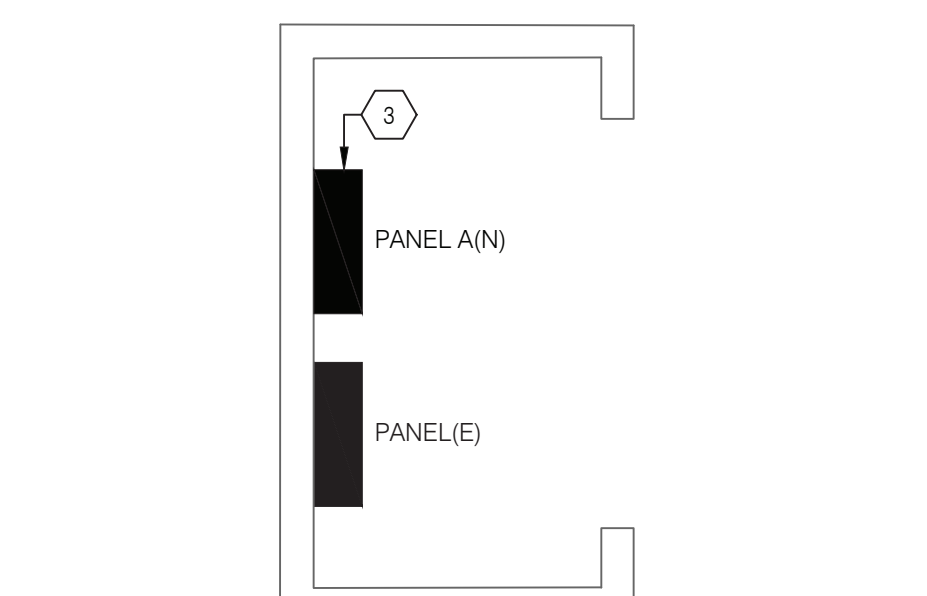
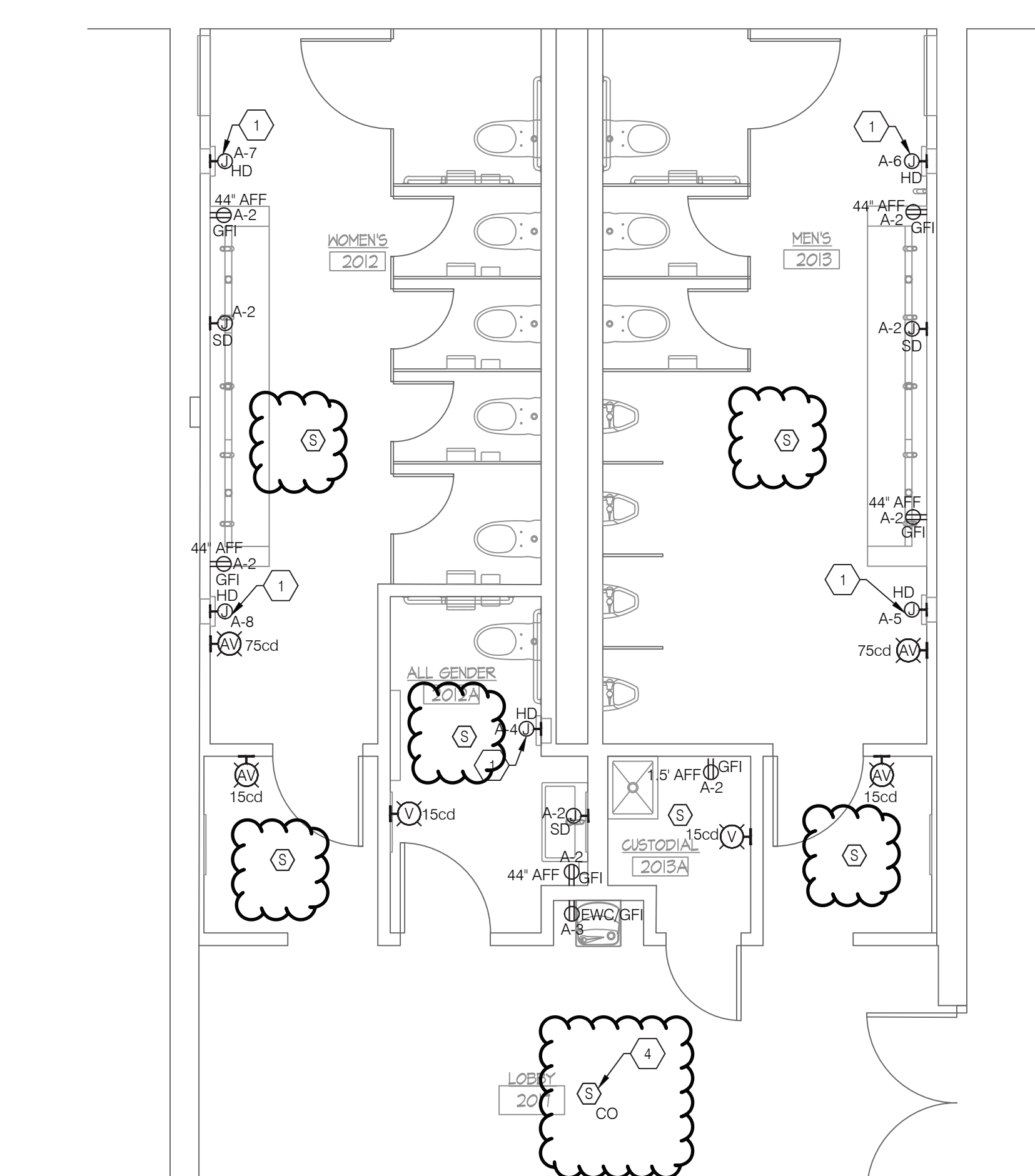
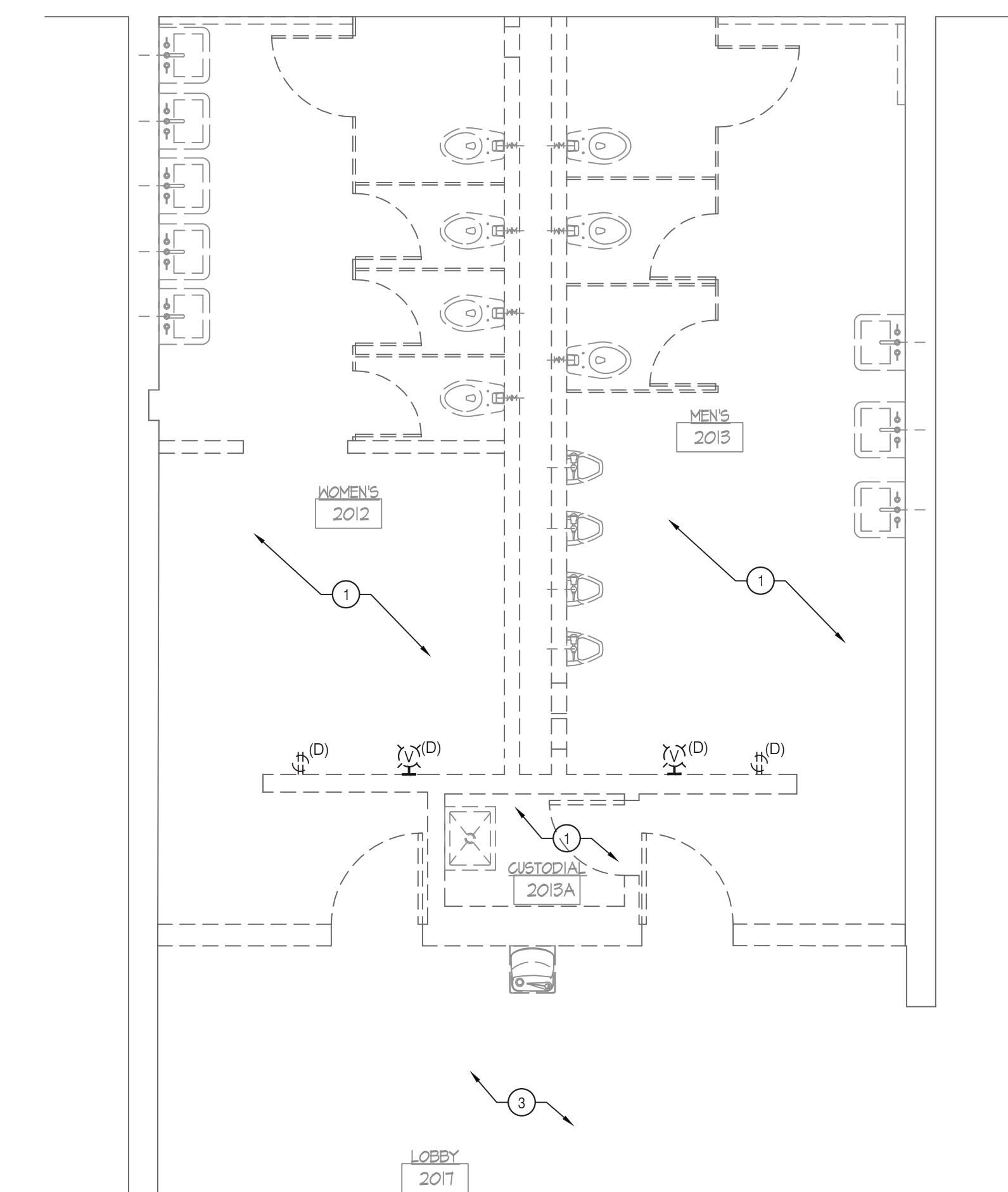
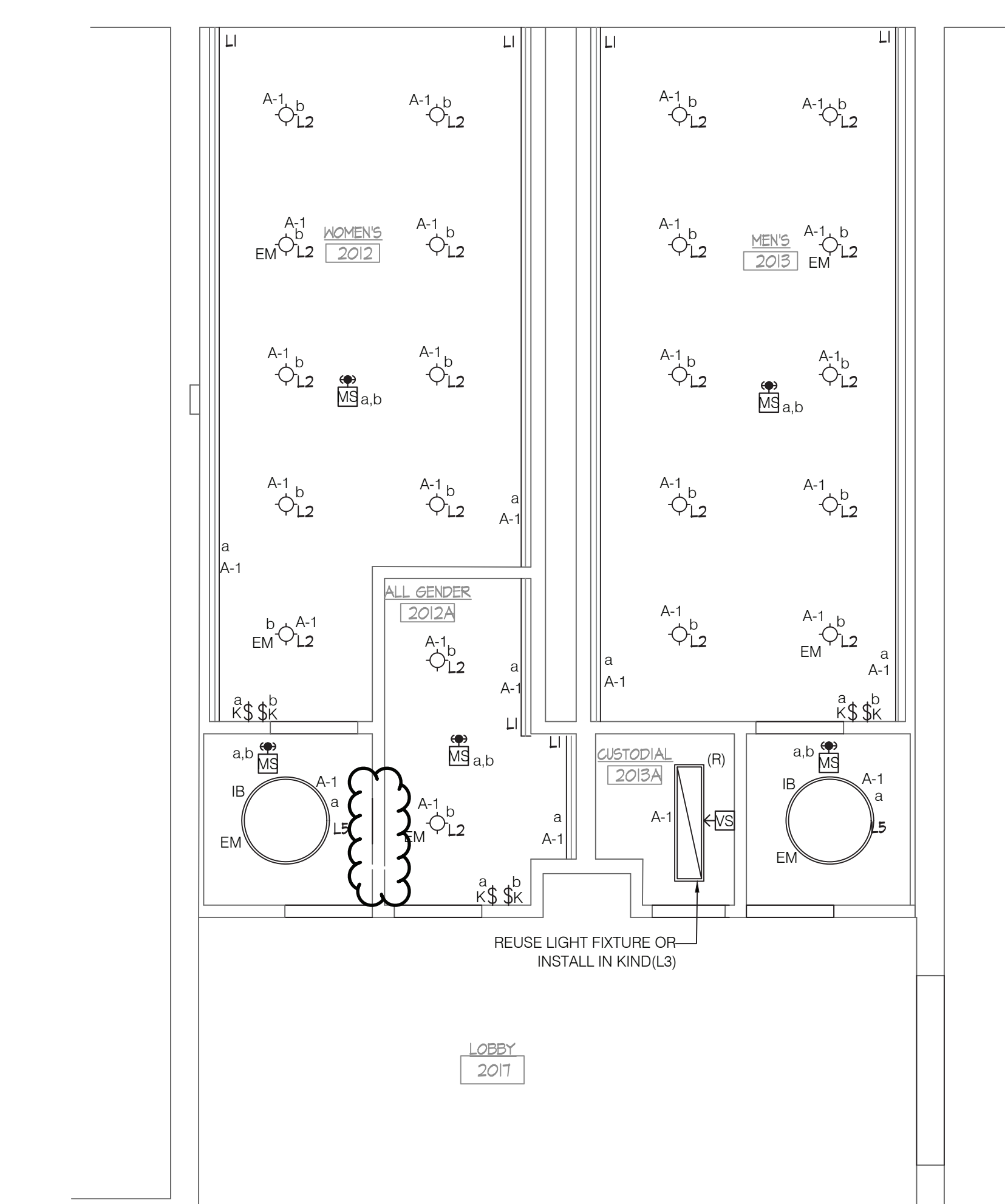
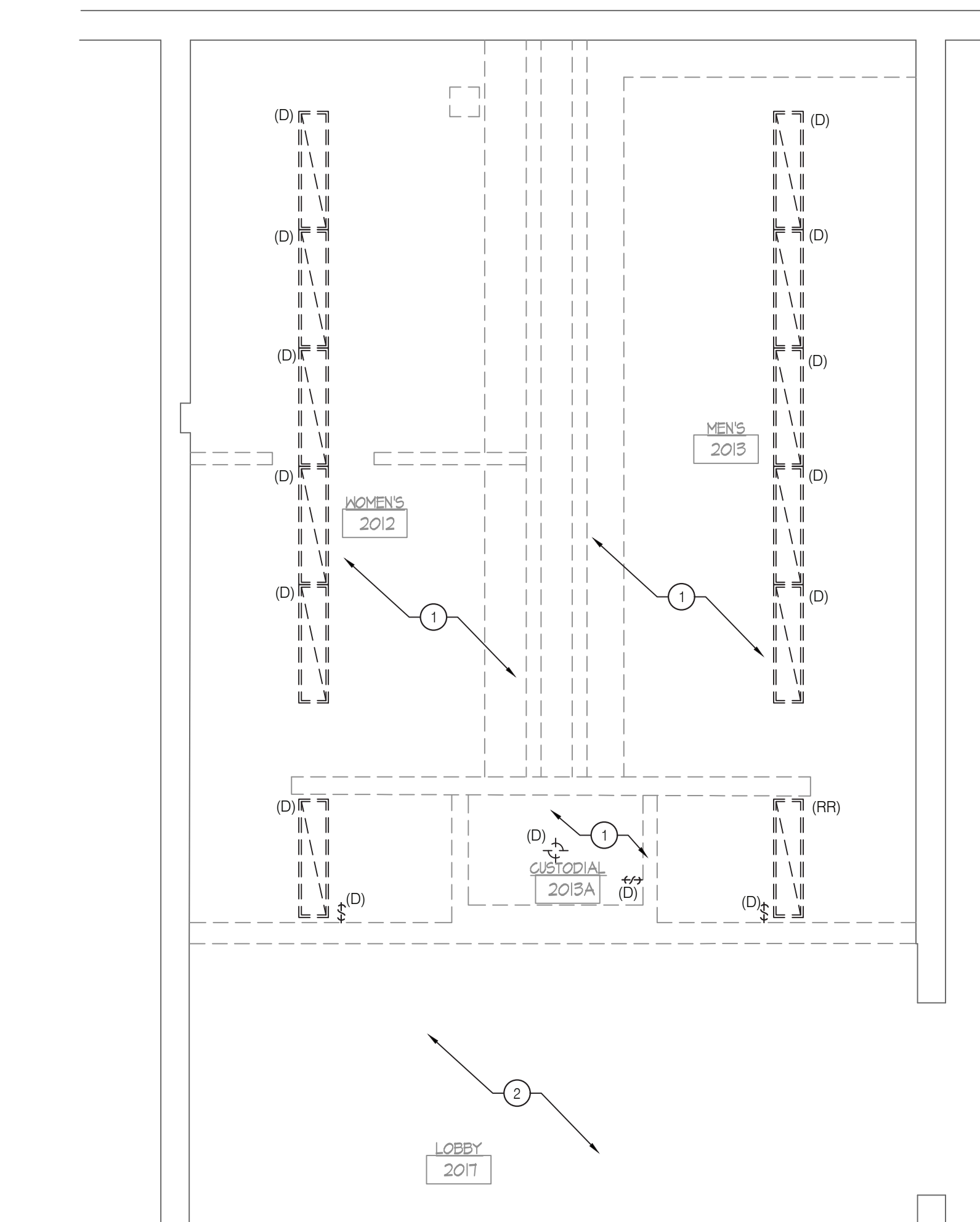
5 CLEANOUT DETAILS
SCALE: NOT TO SCALE

Title PLUMBING SCHEDULES AND DETAILS

Date	06-15-2023
Project No.	1944
Drawing By	CHS
CHK By	EB
Scale	AS NOTED

DOB Rev

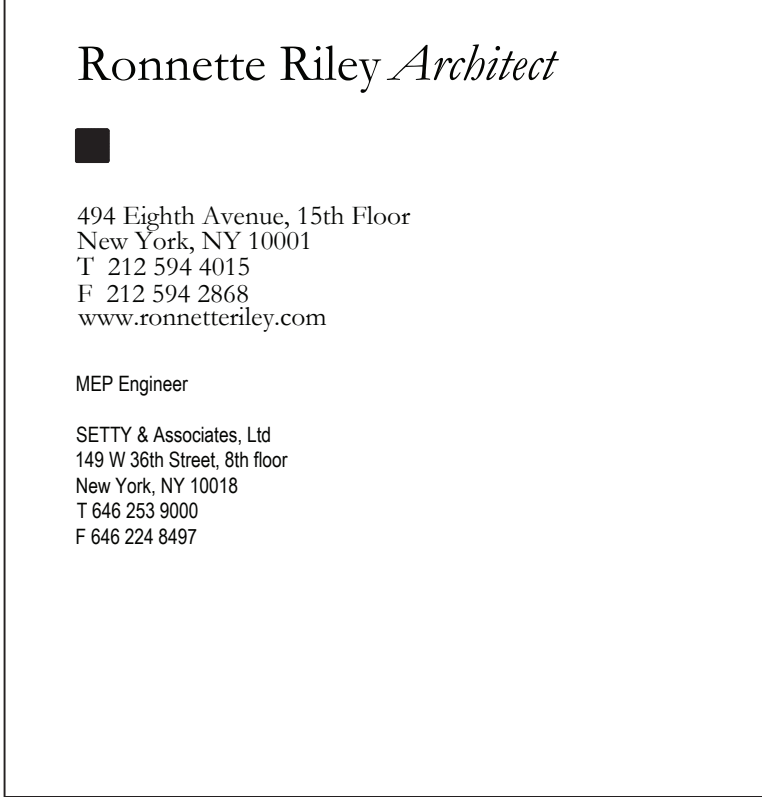
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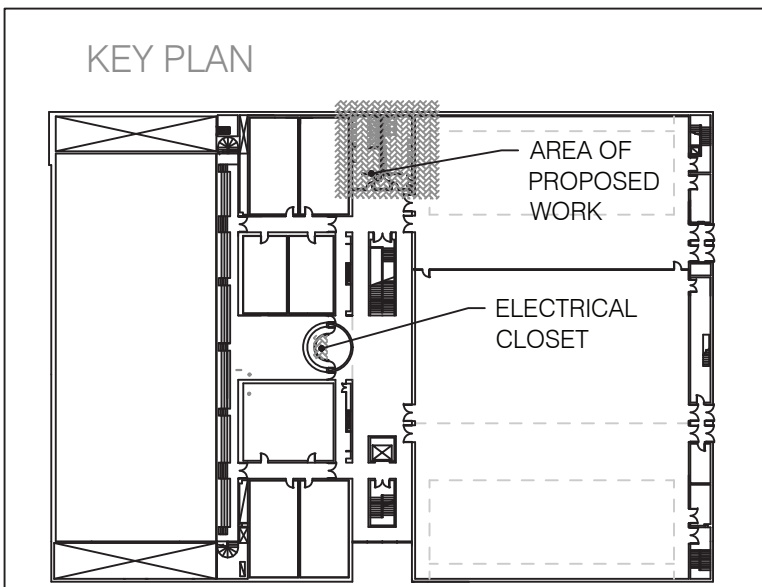
- # GENERAL NOTES
1. REFER TO THE ELECTRICAL COVER SHEET DRAWING FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS.
 2. UNLESS OTHERWISE NOTED, DEMOLISH ALL EXISTING ELECTRICAL AND FIRE ALARM DEVICES AND EQUIPMENT SHOWN OR NOT SHOWN ON PLANS AT DEMOLISHED WALL, CEILING AND FLOOR SECTIONS THROUGHOUT THE AREA 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.
 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 SIGNALING, 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. BUT NOT LIMITED TO, DEVICES SHOWN WITH 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. ALL EXISTING 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 | |
|----------------------|--|
| 1. | 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 OTHERWISE NOTED, ALL EXISTING LIGHT FIXTURES AND CONTROLS IN THIS AREA ARE EXISTING TO REMAIN. |
| 3. | UNLESS OTHERWISE NOTED, ALL EXISTING ELECTRICAL AND FIRE ALARM DEVICES IN THIS AREA ARE EXISTING TO REMAIN. |

- | # | SHEET KEY NOTES |
|----|--|
| 1. | <p>PROVIDE AUTOMATIC THERMAL-OVERLOAD SWITCH FOR DISCONNECTING DEVICES.</p> |
| 2. | NOT USED. |
| 3. | <p>NEW 120/208V, 1Ø, 3WIRE PANEL "A" FED VIA 60A 2 POLE BREAKER FROM EXISTING PANEL BY LOWER CLASS ROOM. CONTRACTOR TO FURNISH PANEL AND WIRING.</p> |
| 4. | <p>CO DETECTORS SHALL HAVE BUILT IN SOUNDER BASES SHALL BE INSTALLED IN ACCORDANCE WITH 90C 97.2.</p> |

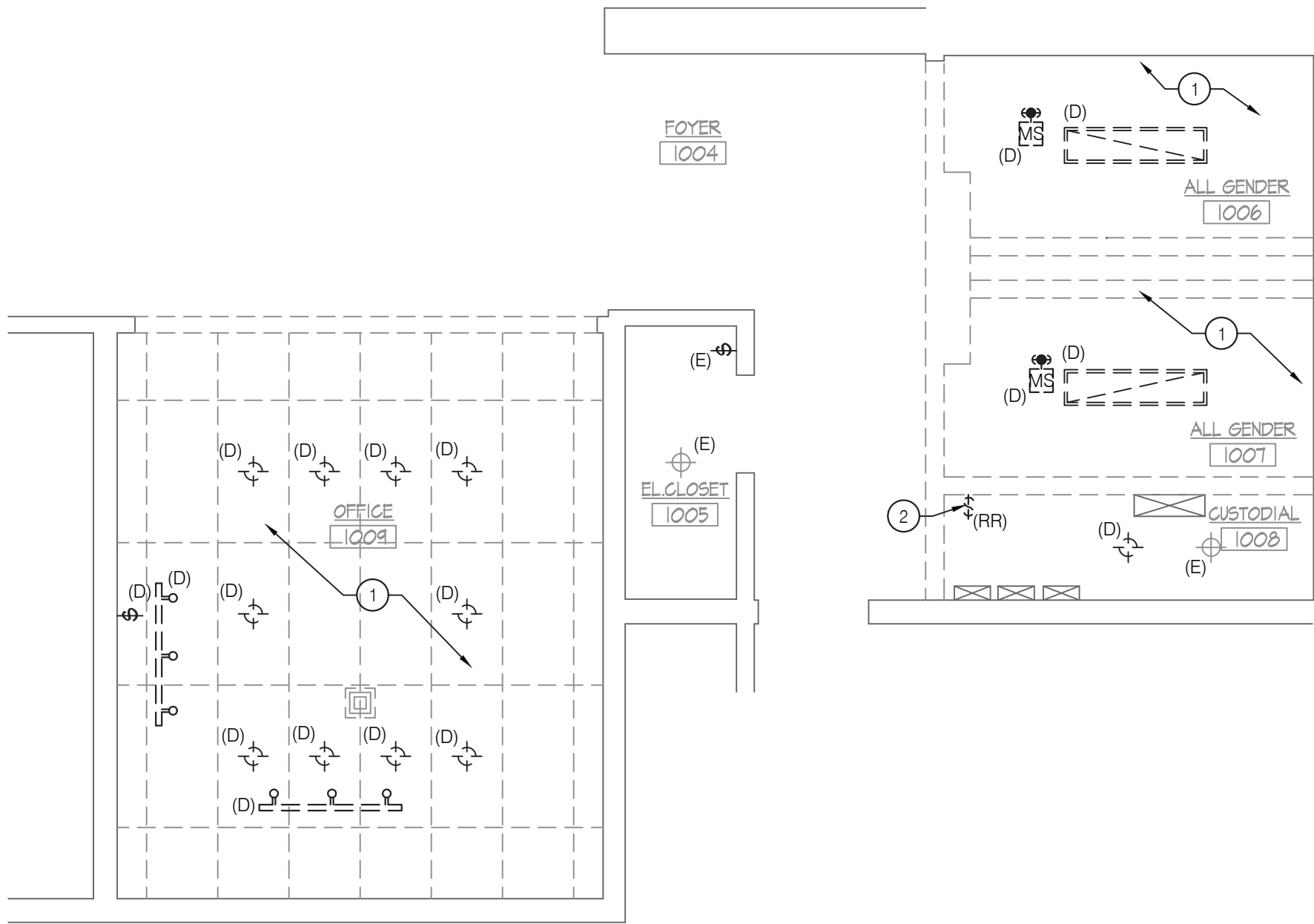


Rev	Date	Issue
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	6/16/2023	PHASE 3 ADDENDUM #1

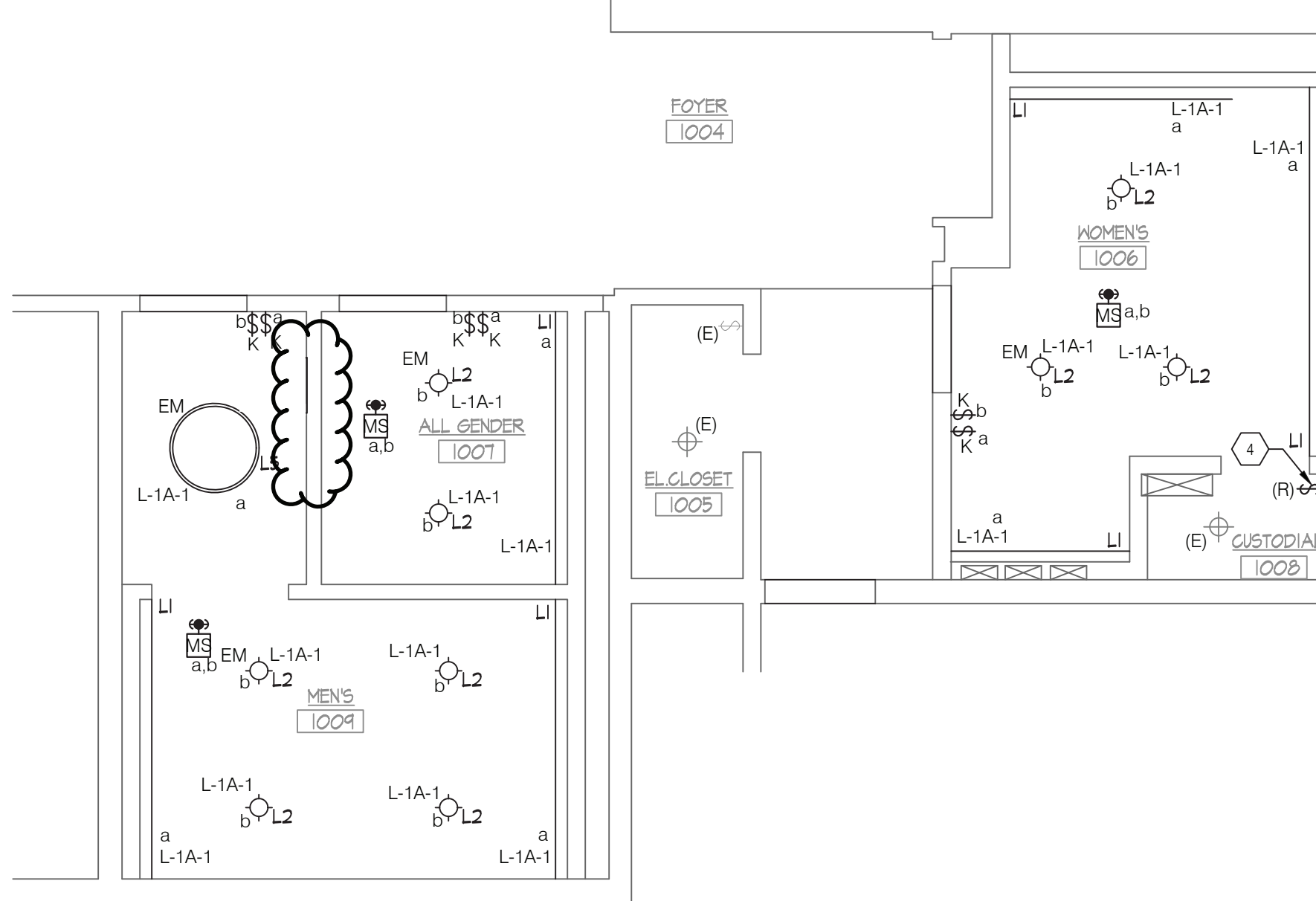


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PHYSICAL EDUCATION -
ELECTRICAL PLANS

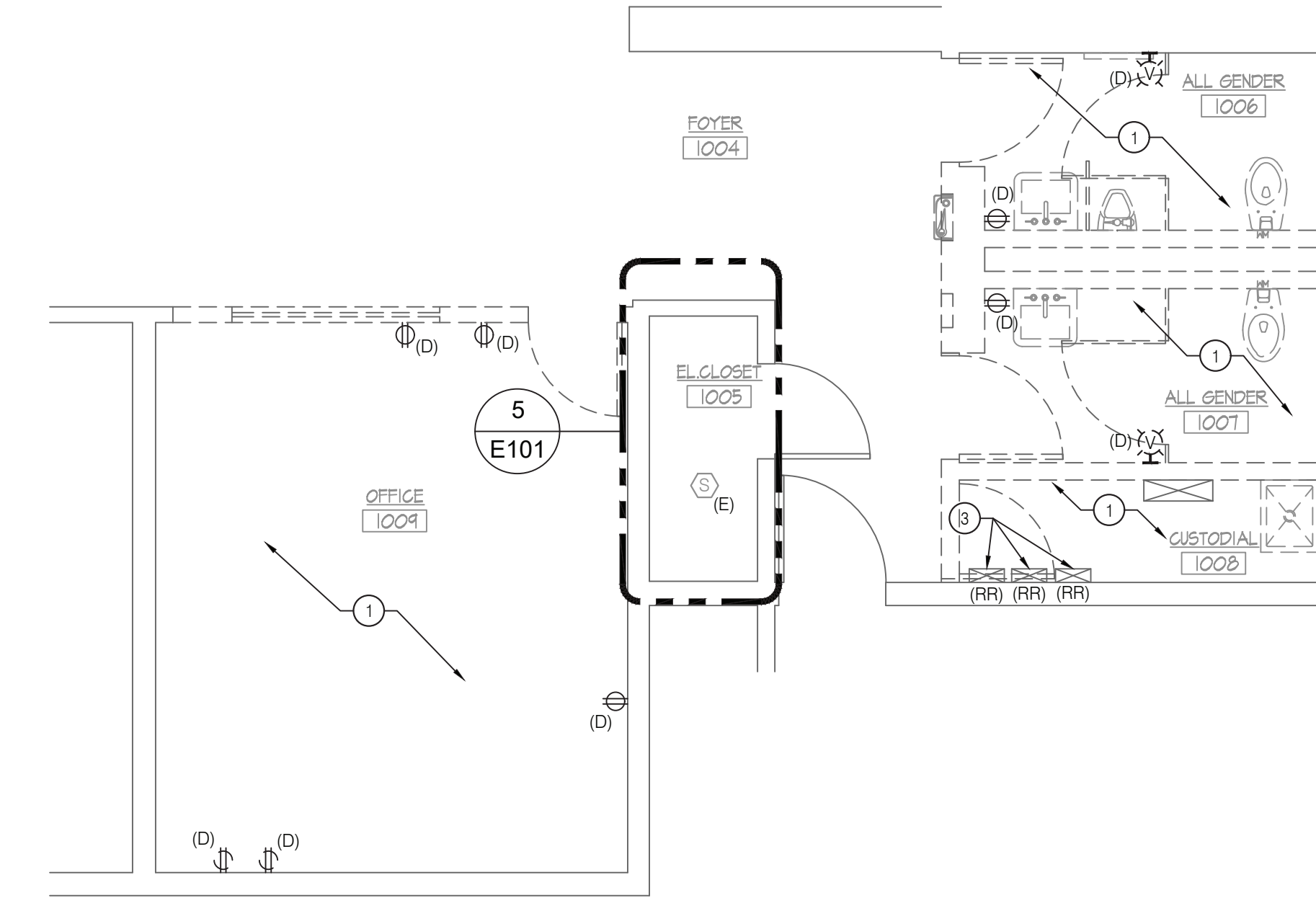
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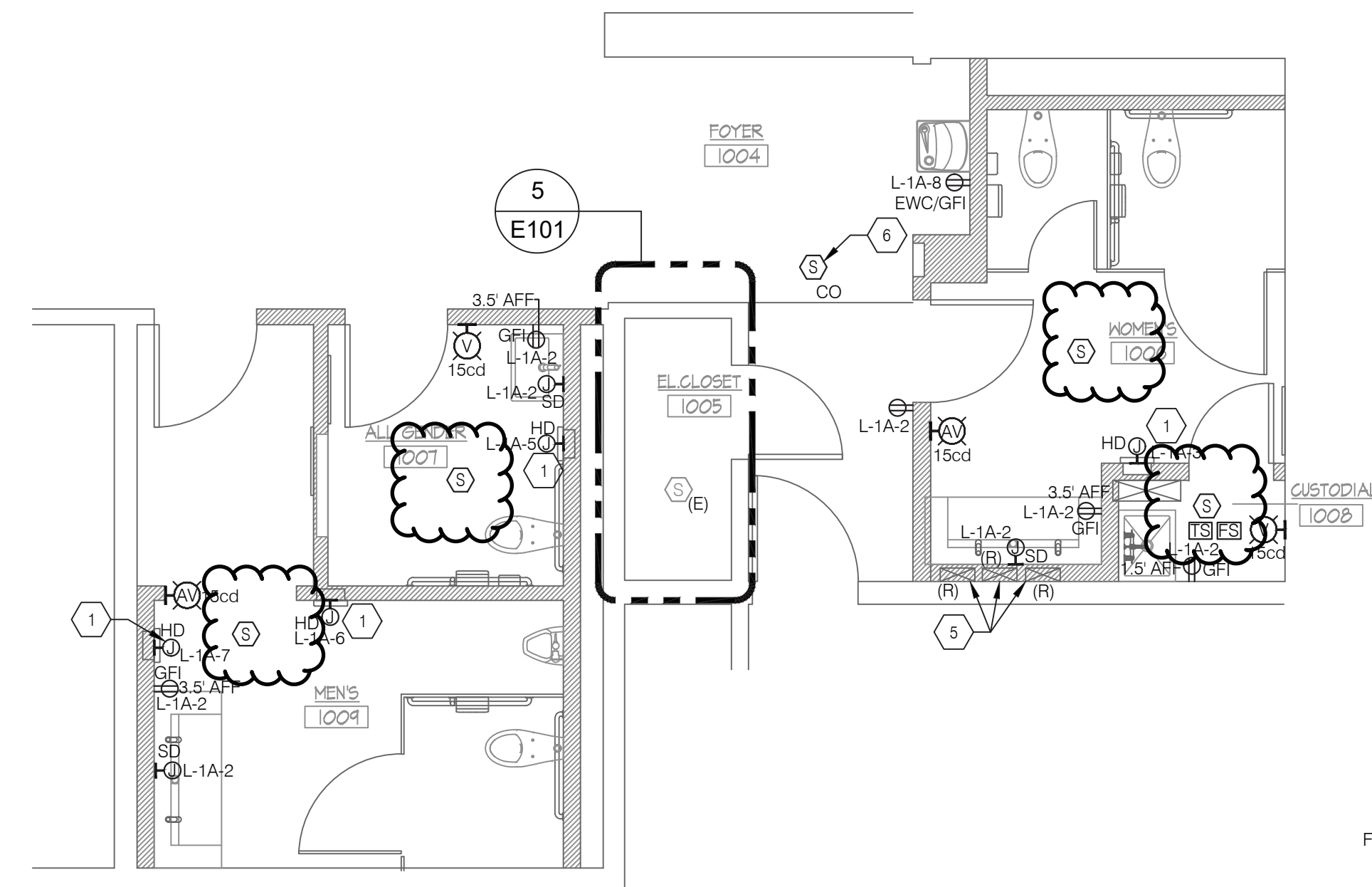
4 FIRST FLOOR PLAN - ELECTRICAL LIGHTING REMOVALS
SCALE: 1/4" = 1'-0"



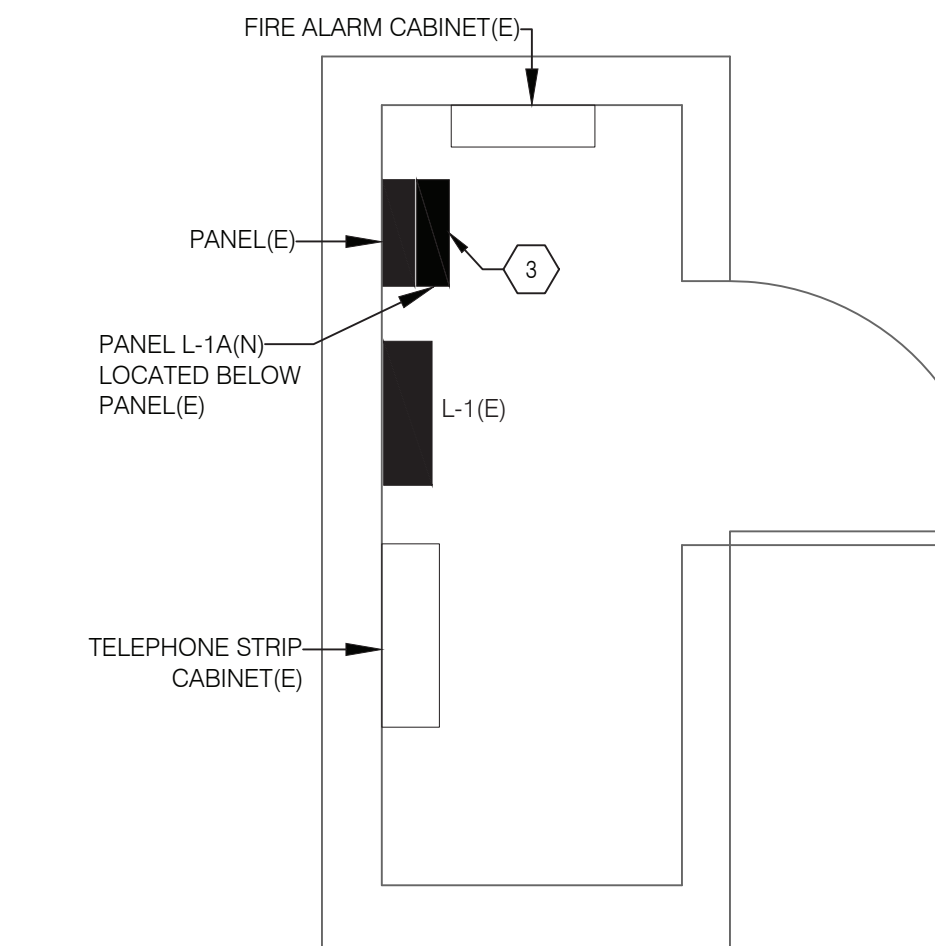
3 FIRST FLOOR PLAN - ELECTRICAL LIGHTING
SCALE: 1/4" = 1'-0"



2 FIRST FLOOR PLAN - ELECTRICAL POWER & FIRE ALARM REMOVALS
SCALE: 1/4" = 1'-0"



1 FIRST FLOOR PLAN - ELECTRICAL POWER & FIRE ALARM
SCALE: 1/4" = 1'-0"



5 ENLARGED PLAN - ELEC CLOSET 1005
SCALE: 1/2" = 1'-0"

GENERAL NOTES

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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.
- 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.
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- 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.
- ALL EMERGENCY LIGHTS AND EXIT SIGNS TO BE PROVIDED WITH INTEGRAL OR REMOTE EMERGENCY BATTERY PACK.
- 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.
- REMOVE AND RELOCATE EXISTING LIGHT SWITCH. INTERCEPT EXISTING CONTROL WIRING AT CONVENIENT LOCATION AND EXTEND TO NEW LOCATION. REFER NEW WORK FOR MORE INFORMATION.
- REMOVE AND RELOCATE EXISTING FIRE ALARM JUNCTION BOXES TO ABOVE CEILING. INTERCEPT EXISTING WIRING AT CONVENIENT LOCATION AND EXTEND TO NEW LOCATION. REFER NEW WORK FOR MORE INFORMATION.

SHEET KEY NOTES

- PROVIDE AUTOMATIC THERMAL-OVERLOAD SWITCH FOR ~~RELOCATED~~
- NOT USED.
- NEW 120/208V, 10, 3WIRE PANEL L-1A FED VIA 60A, 2 POLE BREAKER FROM EXISTING PANEL L-1. CONTRACTOR TO RUN 3#4 AWG + 1#8 AWG G IN 1" C.
- RELOCATED LIGHT SWITCH, EXTEND WIRING TO NEW LOCATION VIA JUNCTION BOX.
- RELOCATED FIRE ALARM JUNCTION BOXES TO ABOVE CEILING. INTERCEPT AND EXTEND ASSOCIATED WIRING VIA JUNCTION BOX.
- CO DETECTORS SHALL HAVE BUILT IN SOUNDER BASES SHALL BE INSTALLED IN ACCORDANCE WITH BC 908.7.2.

RESTROOM RENOVATION PURCHASE COLLEGE

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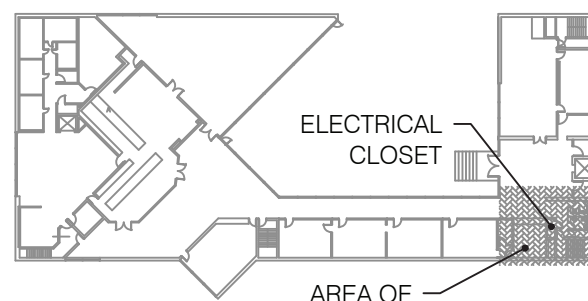
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Rev	Date	Issue
27 Feb 2023	Issue for Bid	
6/16/2023	PHASE 3 ADDENDUM #1	

KEY PLAN



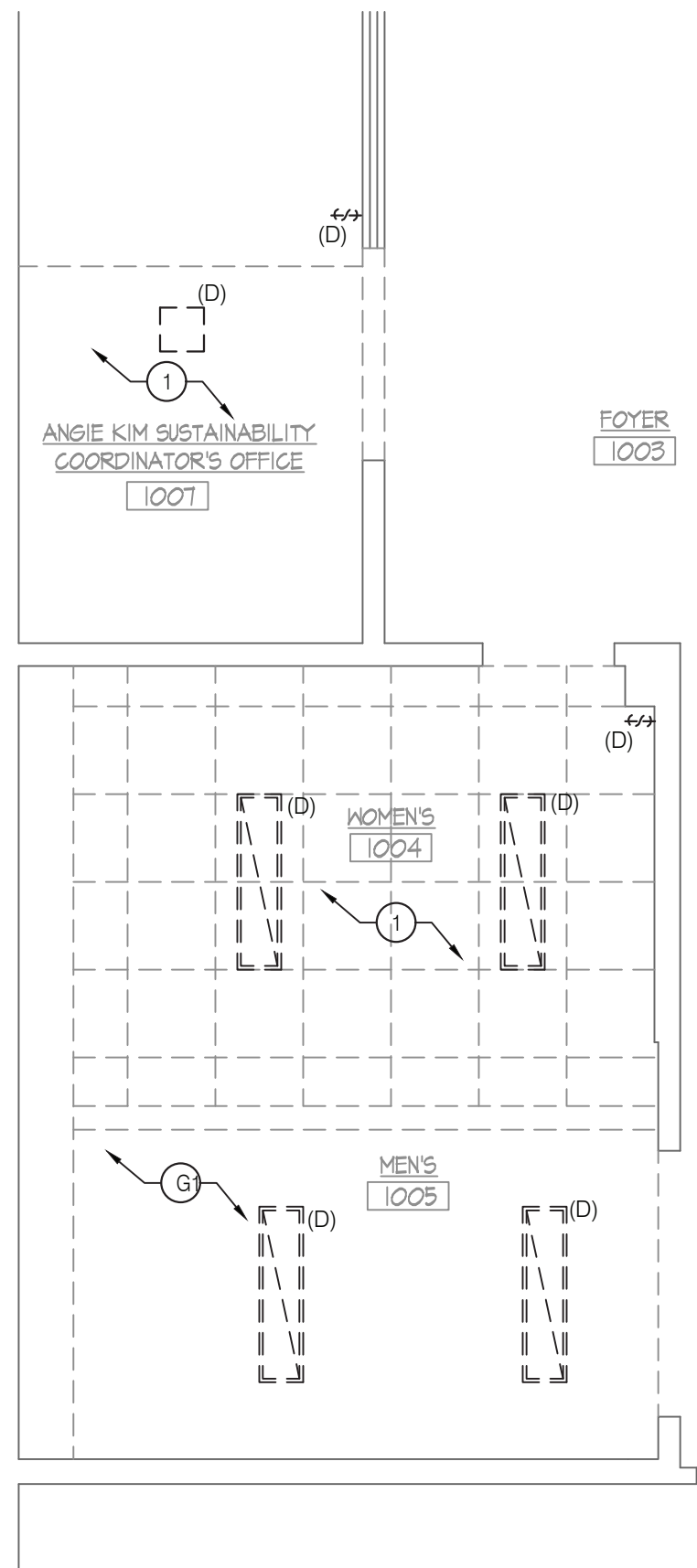
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Date 06-15-2023
Project No. 1944
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CHK By SM
Scale AS NOTED

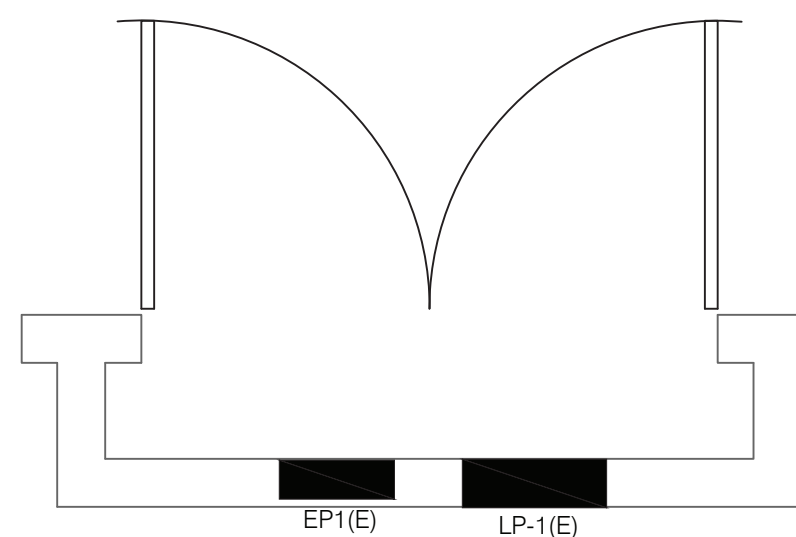
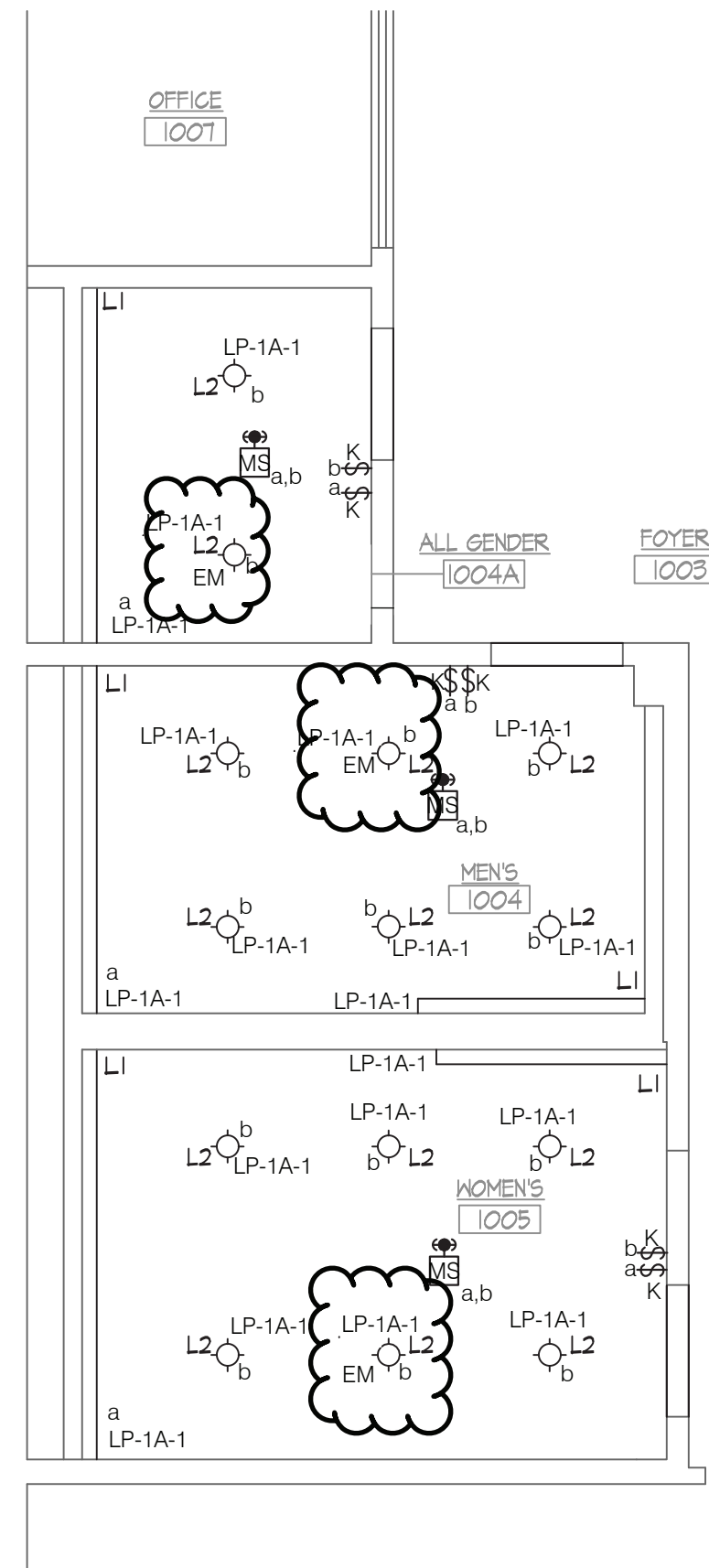
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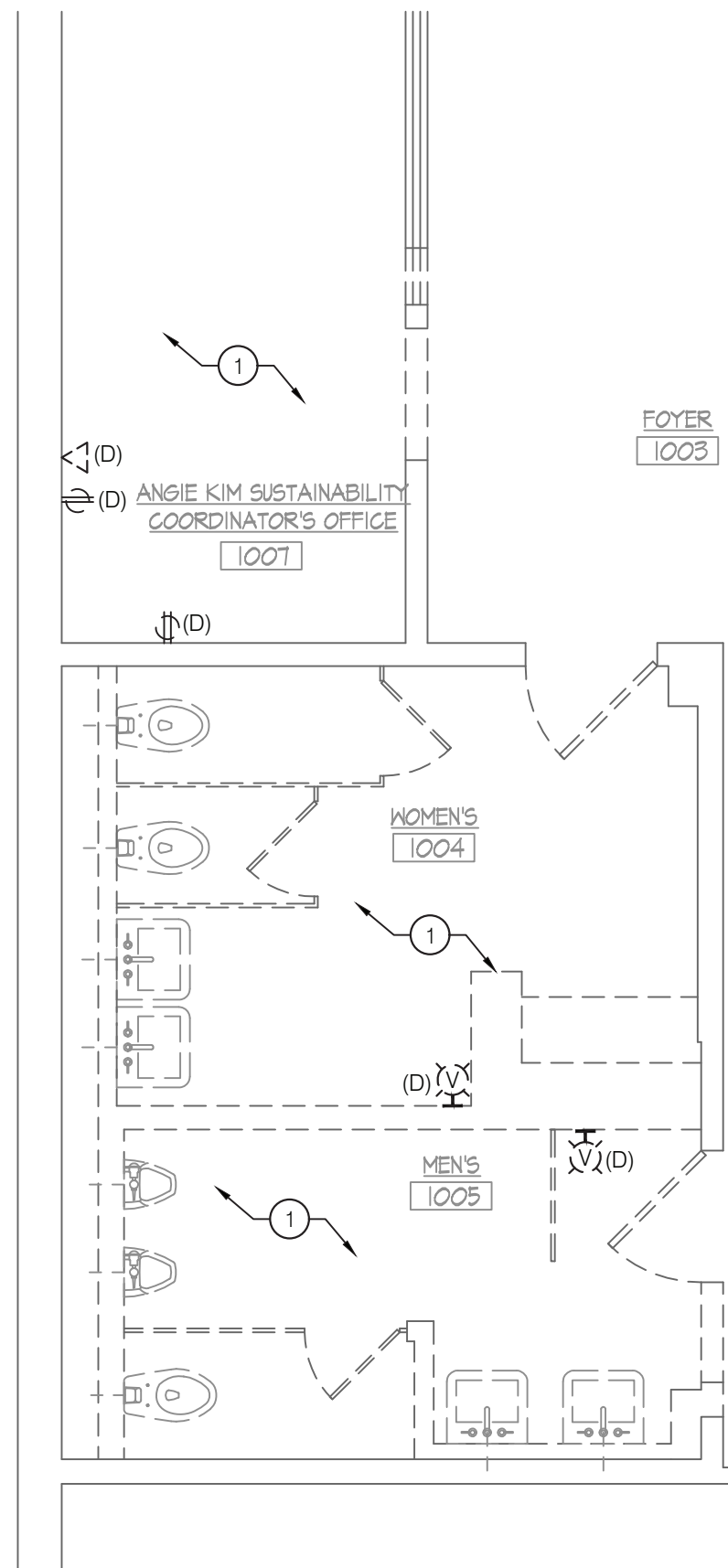
4 FIRST FLOOR PLAN - ELECTRICAL LIGHTING REMOVALS
SCALE: 1/4" = 1'-0"



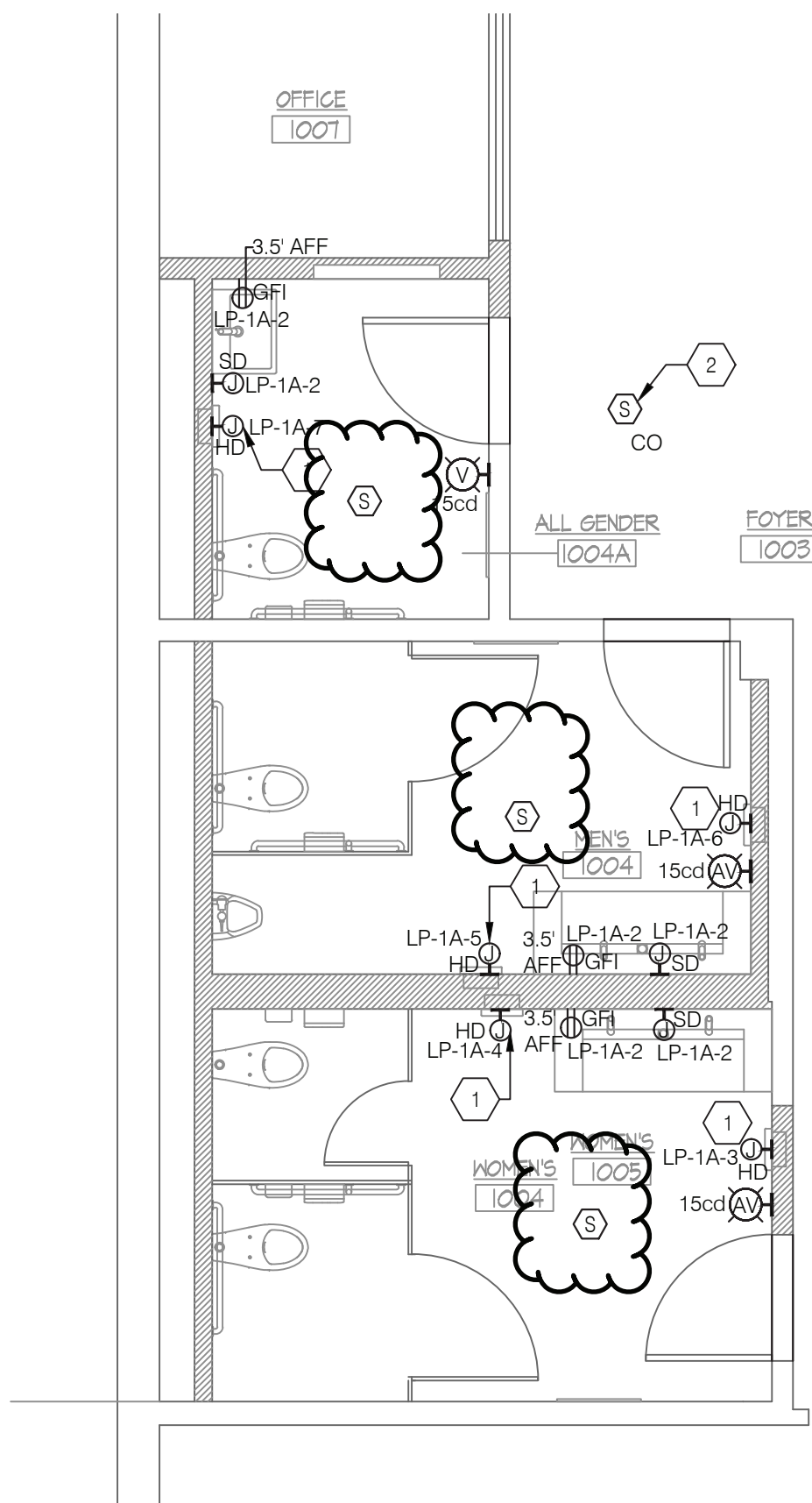
3 FIRST FLOOR PLAN - ELECTRICAL LIGHTING
SCALE: 1/4" = 1'-0"



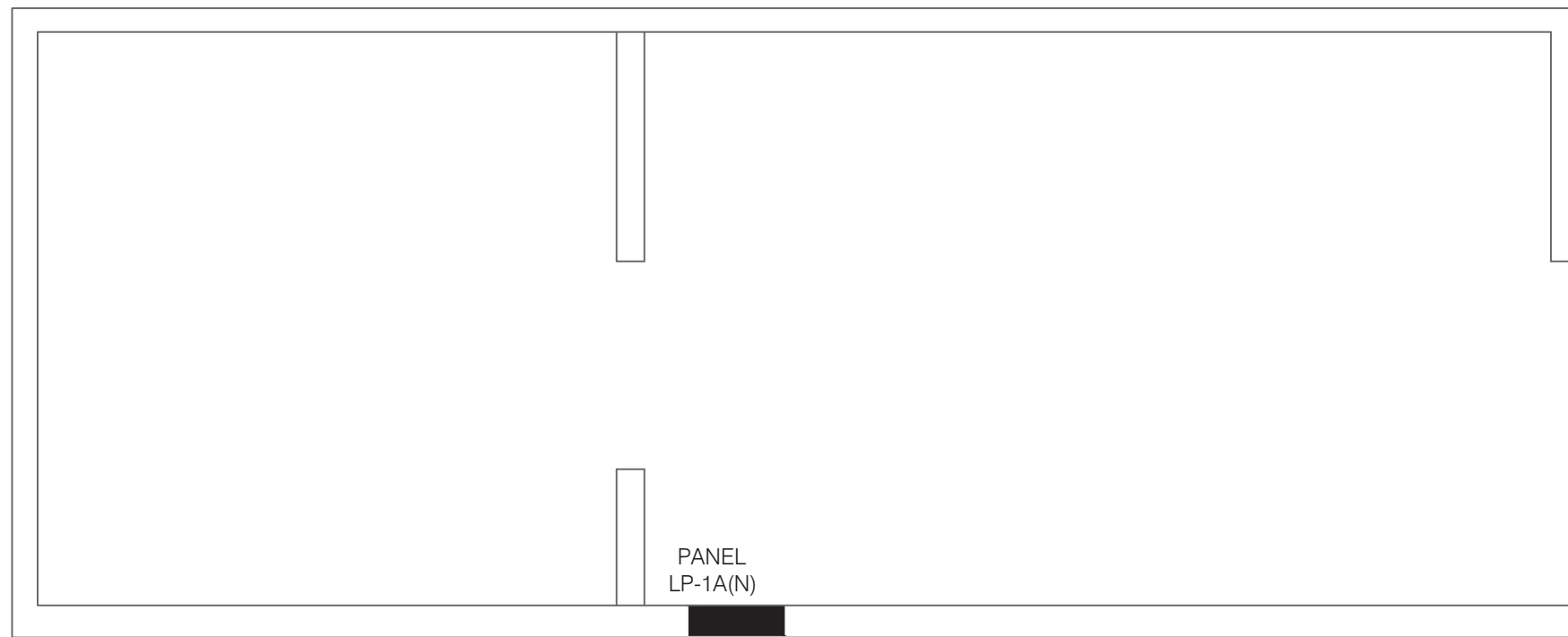
4 ENLARGED PLAN - ELEC. CLOSET
SCALE: 1/2" = 1'-0"



2 FIRST FLOOR PLAN - ELECTRICAL POWER & FIRE ALARM
SCALE: 1/4" = 1'-0"



1 FIRST FLOOR PLAN - ELECTRICAL POWER & FIRE ALARM
SCALE: 1/4" = 1'-0"



5 ENLARGED PLAN - COAT ROOM 108
SCALE: 1/2" = 1'-0"

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.
- 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.
- 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.
- 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.
- 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.
- CONNECT ALL EMERGENCY LIGHTS TO THE DESIGNATED EMERGENCY PANEL WITH 2 #10 AWG + 1 #10 G IN 3/4" C.
- 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.
- 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.
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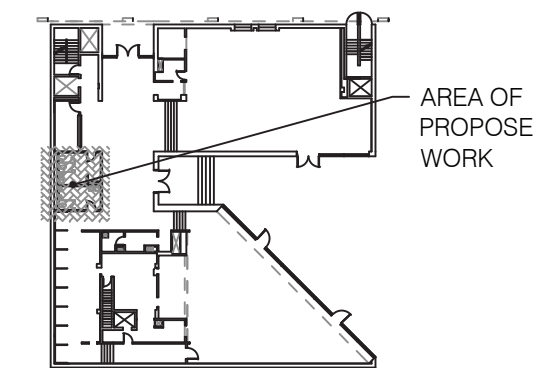
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Rev	Date	Issue
27 Feb 2023	Issue for Bid	
6/16/2023	PHASE 3 ADDENDUM #1	

KEY PLAN

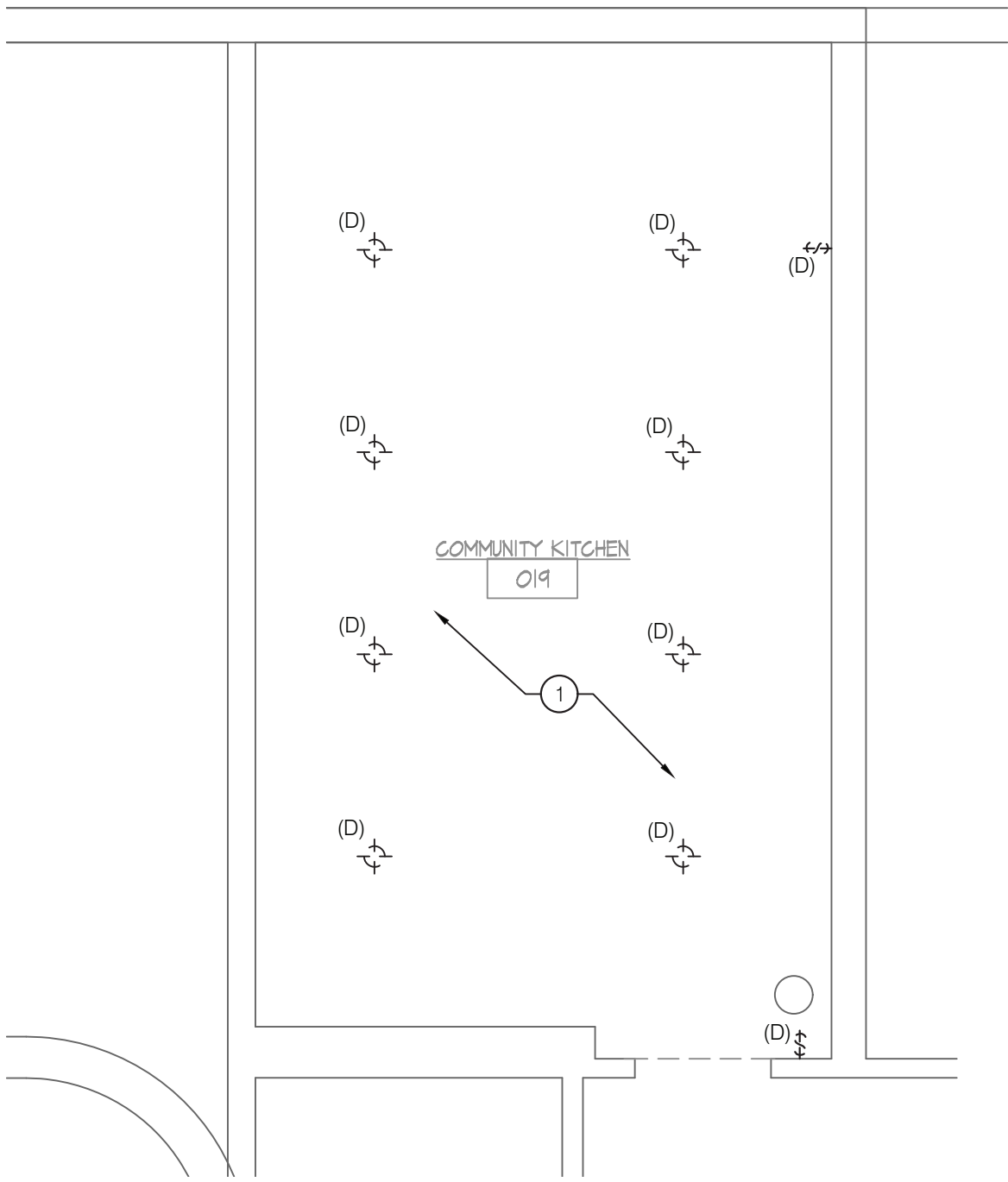


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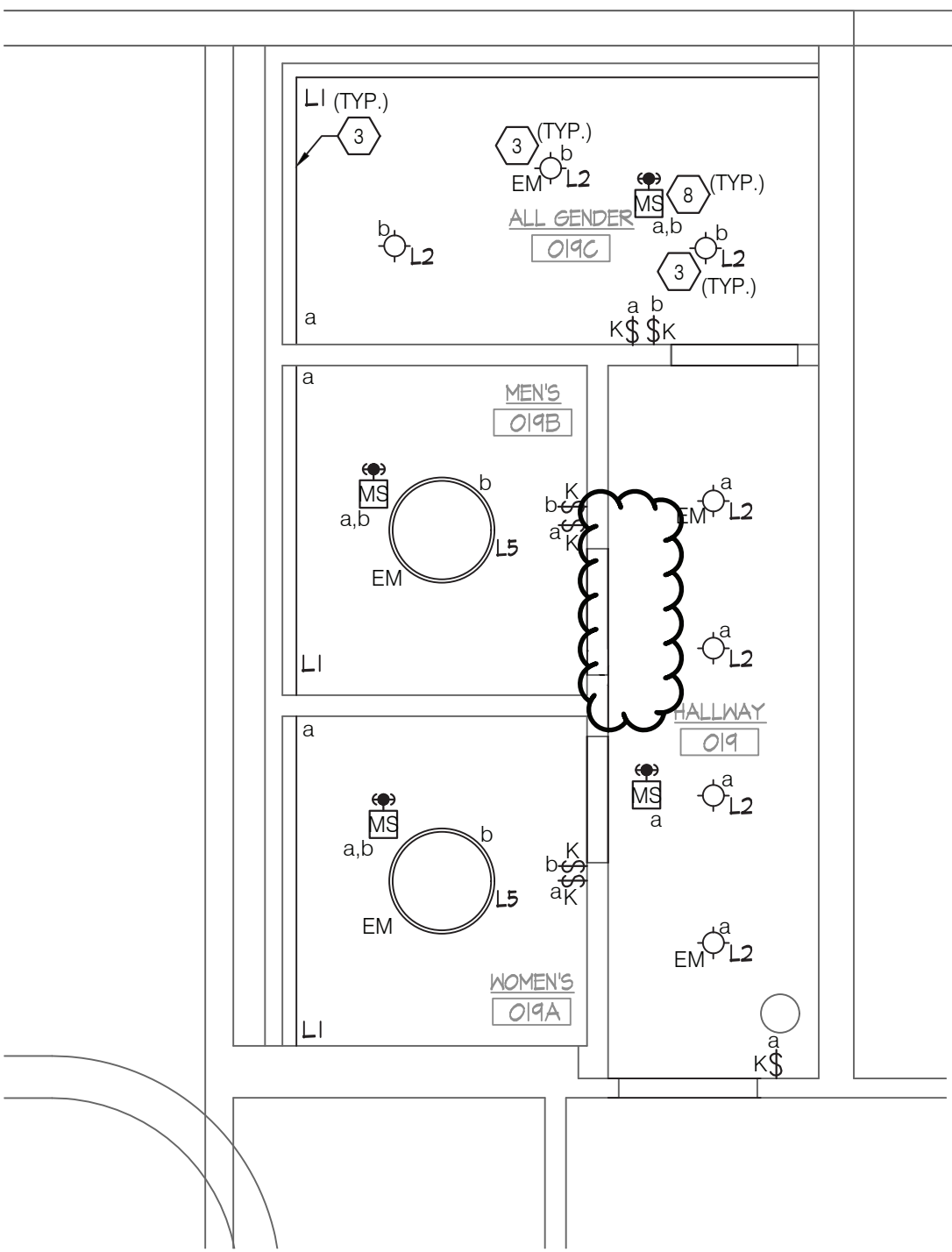
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CHK By SM
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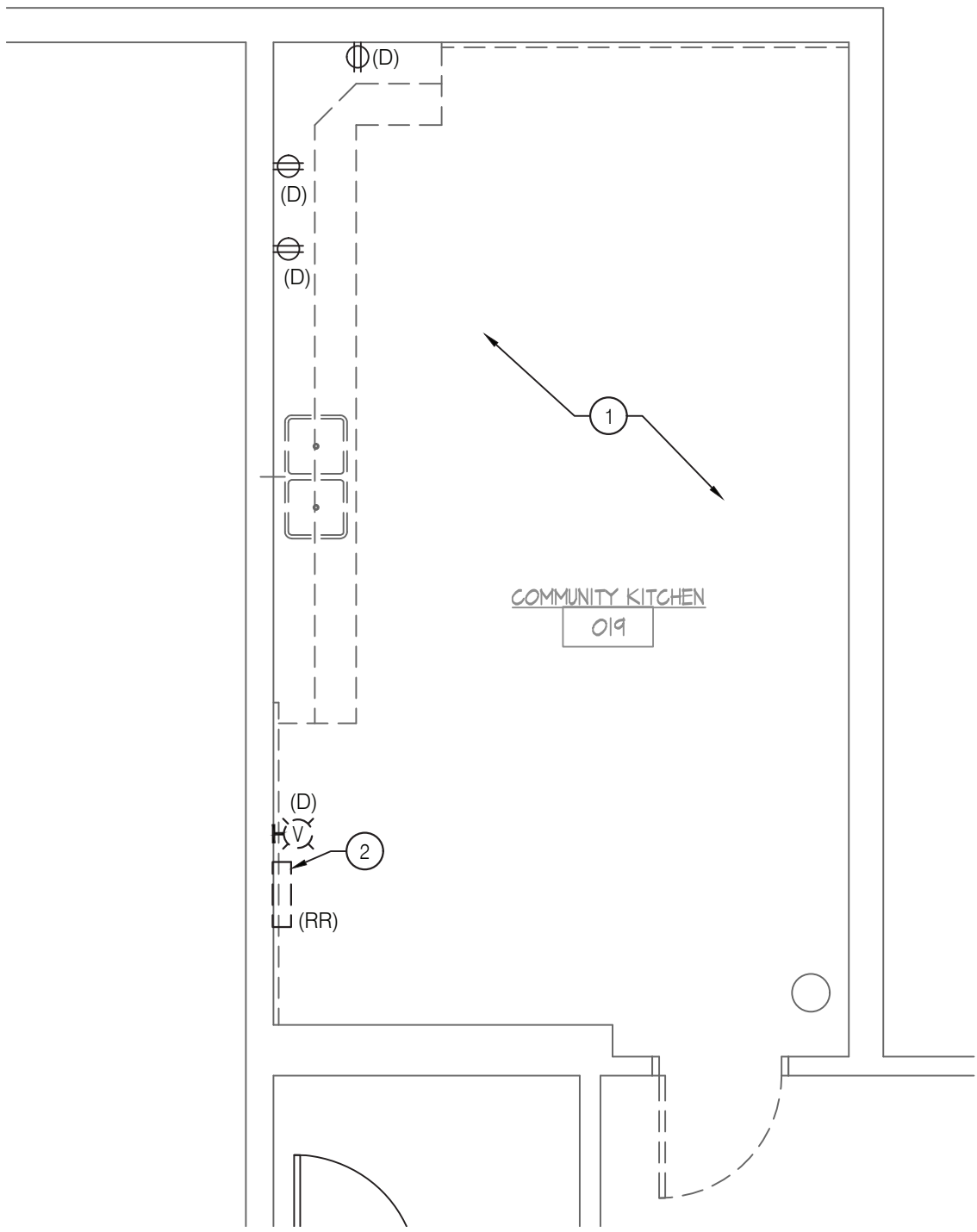
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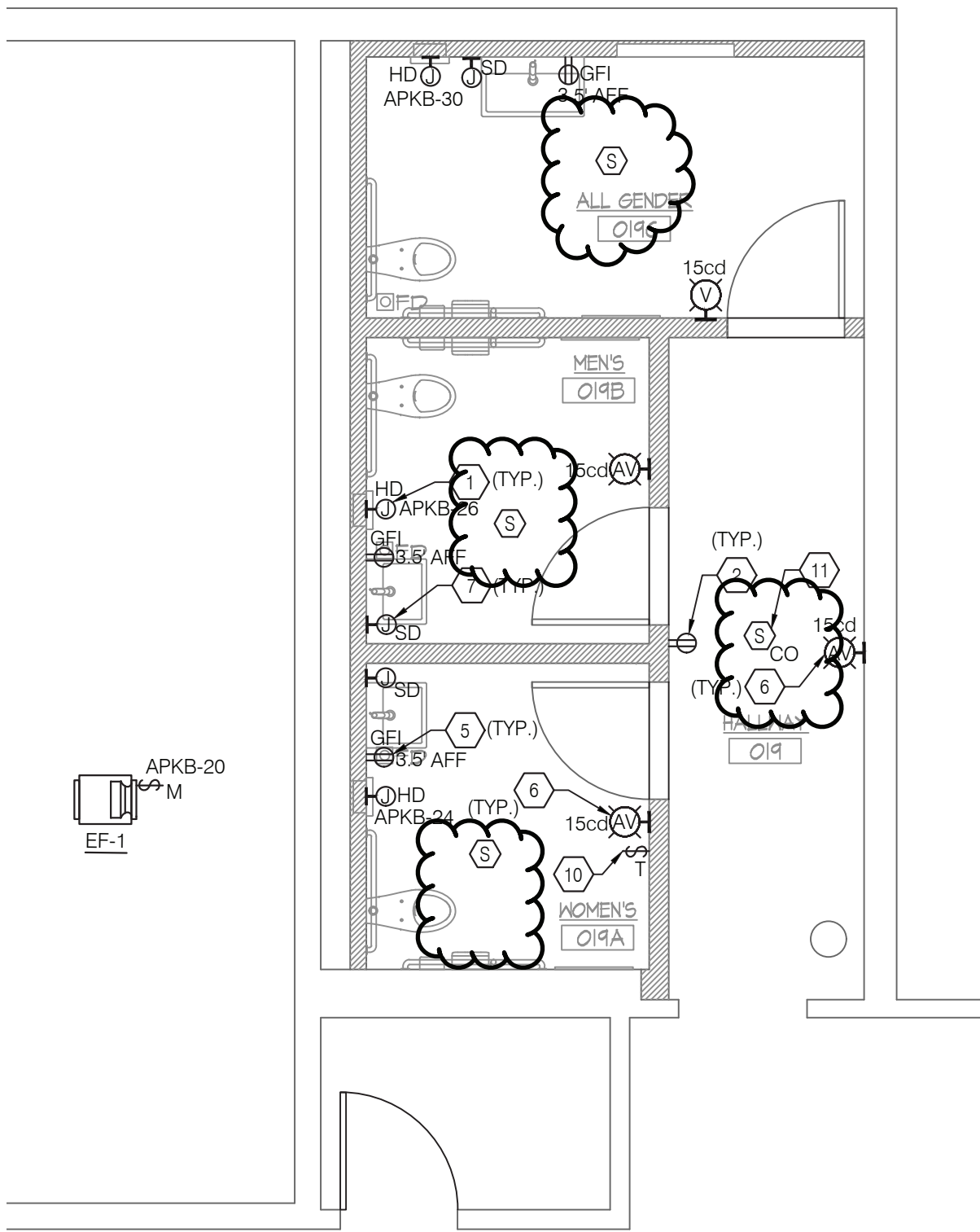
4 FIRST FLOOR PLAN - ELECTRICAL LIGHTING REMOVALS
E-104.00 SCALE: 1/4" = 1'-0"



3 FIRST FLOOR PLAN - ELECTRICAL LIGHTING
E-104.00 SCALE: 1/4" = 1'-0"



2 FIRST FLOOR PLAN - ELECTRICAL REMOVALS
E-104.00 SCALE: 1/4" = 1'-0"



1 FIRST FLOOR PLAN - ELECTRICAL
E-104.00 SCALE: 1/4" = 1'-0"

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- 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.
- 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.
- 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.
- 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.
- ALL EMERGENCY LIGHTS AND EXIT SIGNS TO BE PROVIDED WITH INTEGRAL OR REMOTE EMERGENCY BATTERY PACK.
- 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.
- 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.
- FIRE ALARM TERMINAL CABINET TO BE REMOVED AND RELOCATED.

SHEET KEY NOTES

- PROVIDE AUTOMATIC THERMAL-OVERLOAD SWITCH FOR DISCONNECTING MEANS.
- PROVIDE RECEPTACLE, EXTEND RACEWAY AND EXISTING CIRCUIT TO NEW LOCATION.
- PROVIDE LUMINAIRE IN NEW CEILING. EXTEND EXISTING LIGHTING CIRCUIT AND CONNECT TO LUMINAIRE PER DETAIL 1 ON DRAWING E-702.
- NOT USED.
- PROVIDE GFCI RECEPTACLE, EXTEND RACEWAY AND EXISTING CIRCUIT TO NEW LOCATION.
- PROVIDE FIRE ALARM STROBE, PROVIDE RACEWAY AS REQUIRED AND EXTEND EXISTING FIRE ALARM NOTIFICATION CIRCUIT. WIRING SHALL MATCH EXISTING.
- INSTALL SOAP DISPENSER TO EXISTING CIRCUIT, EXTEND RACEWAY AND EXISTING CIRCUIT TO NEW LOCATION.
- NOT USED.
- NOT USED.
- AUTOMATIC TIMER SWITCH TO TURN OFF EXHAUST FAN EF-1.
- CO DETECOTORS SHALL HAVE BUILT IN SOUNDER BASES AS PER BC 908.7.2.

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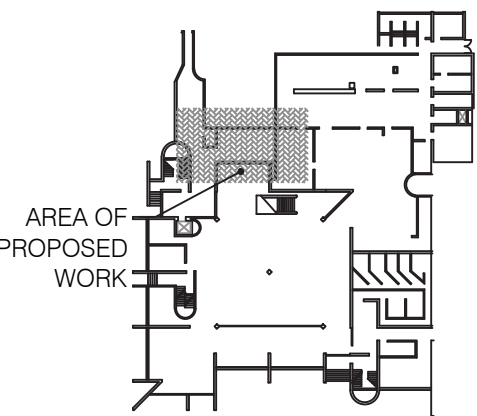
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KEY PLAN



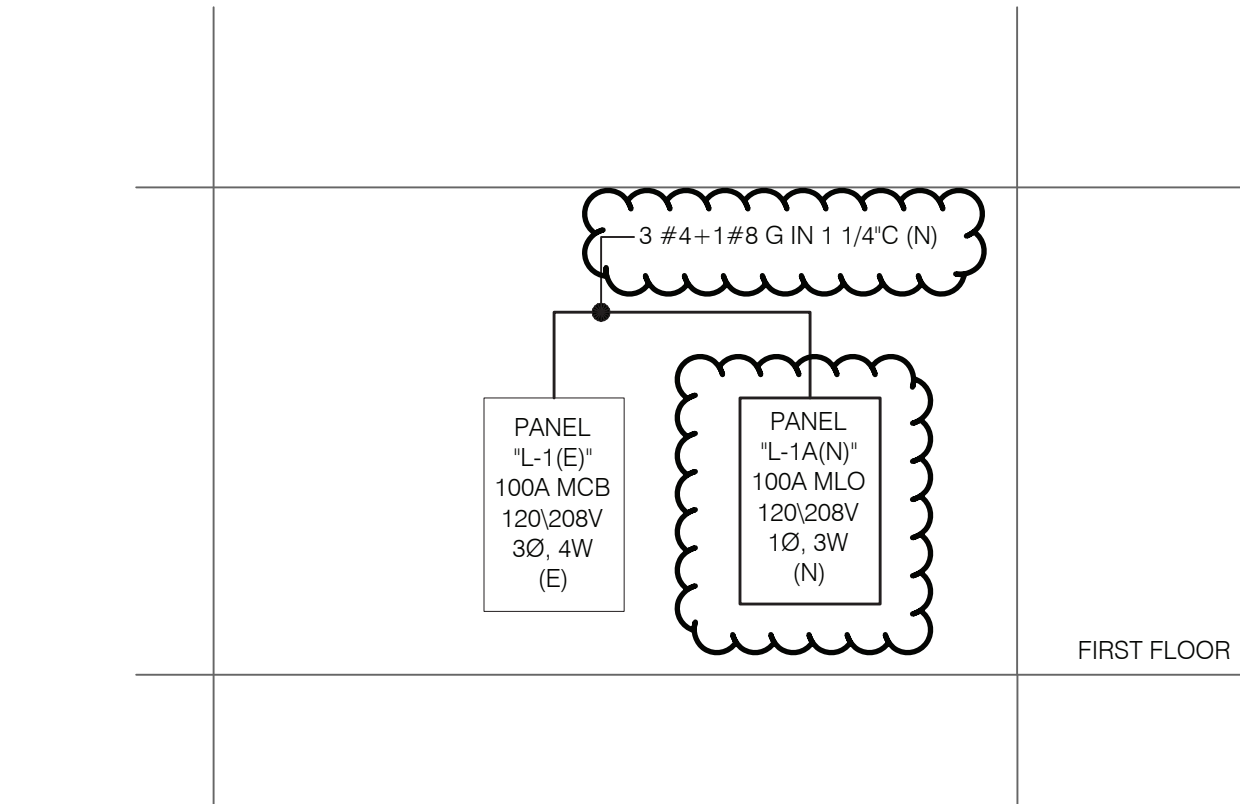
MAIN DINING HALL - ELECTRICAL PLANS

Date 06-15-2023
Project No. 1944
Drawing By
CHK By
Scale AS NOTED
DOB Rev

E-104.00

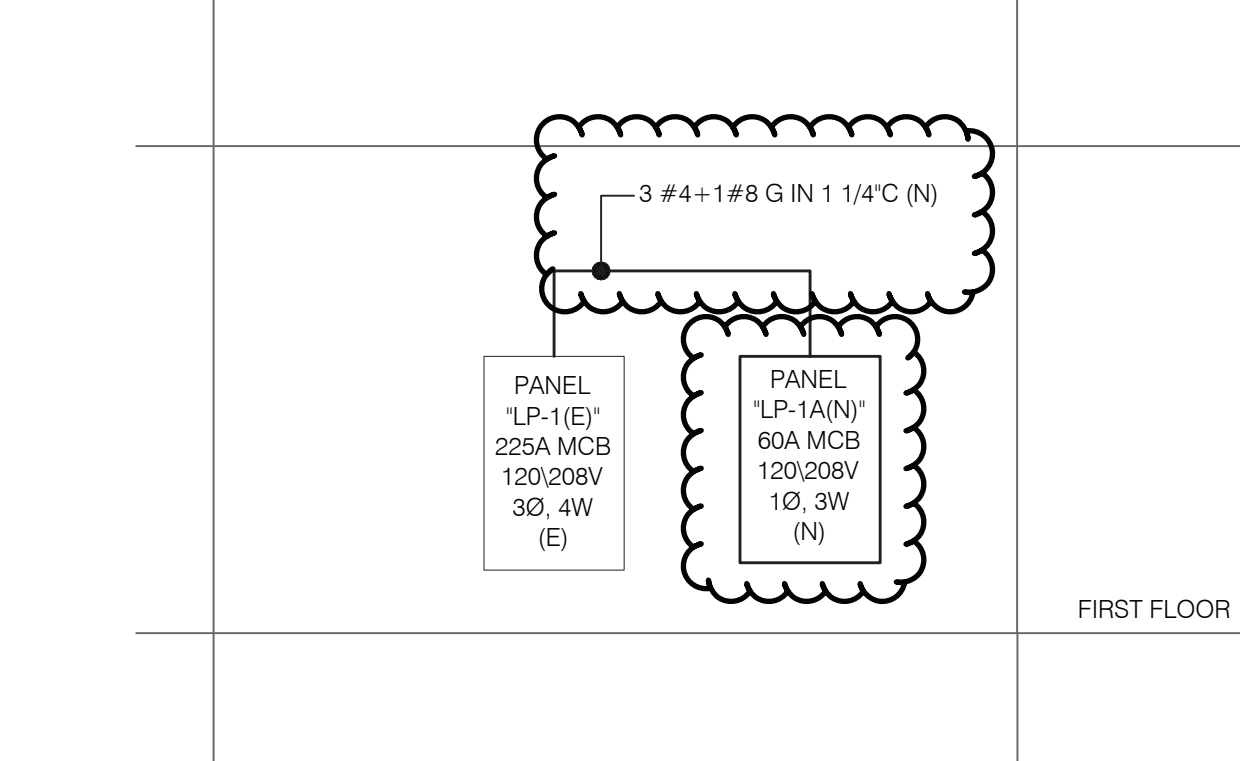
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E-501.00 SCALE: NTS



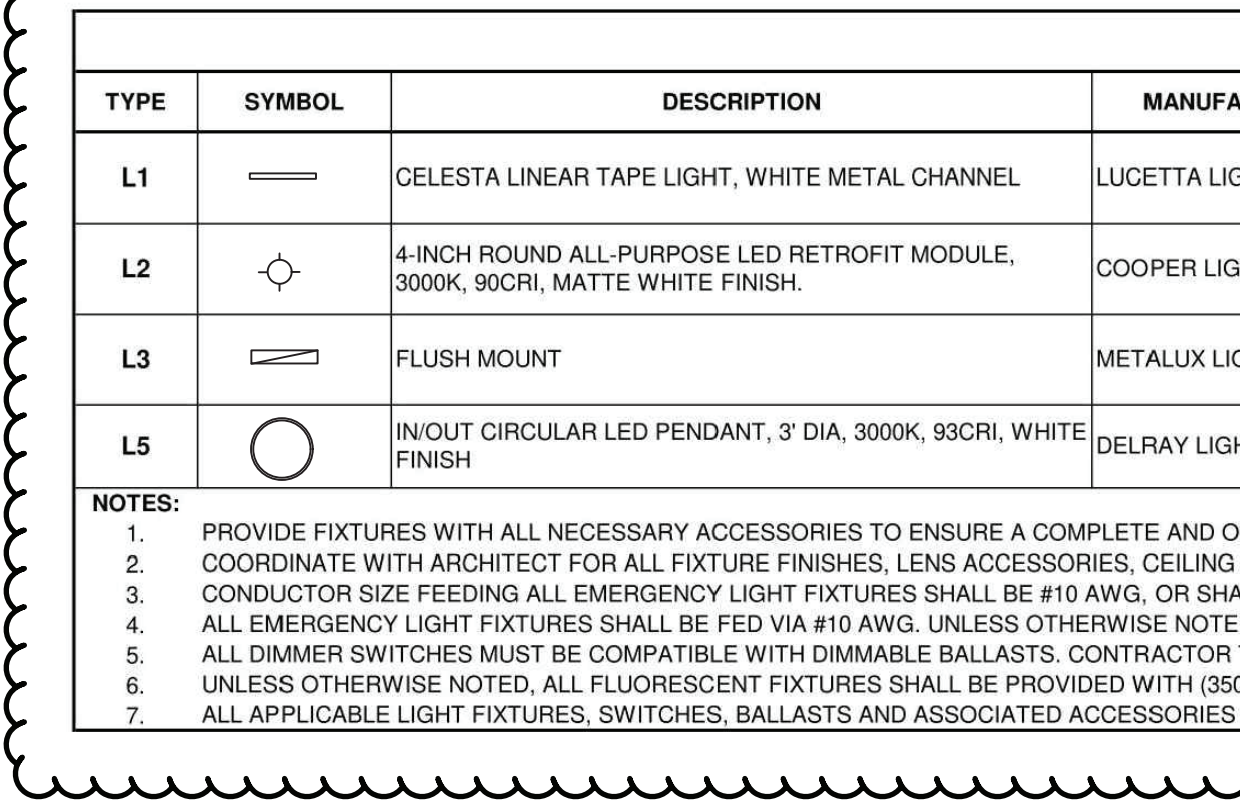
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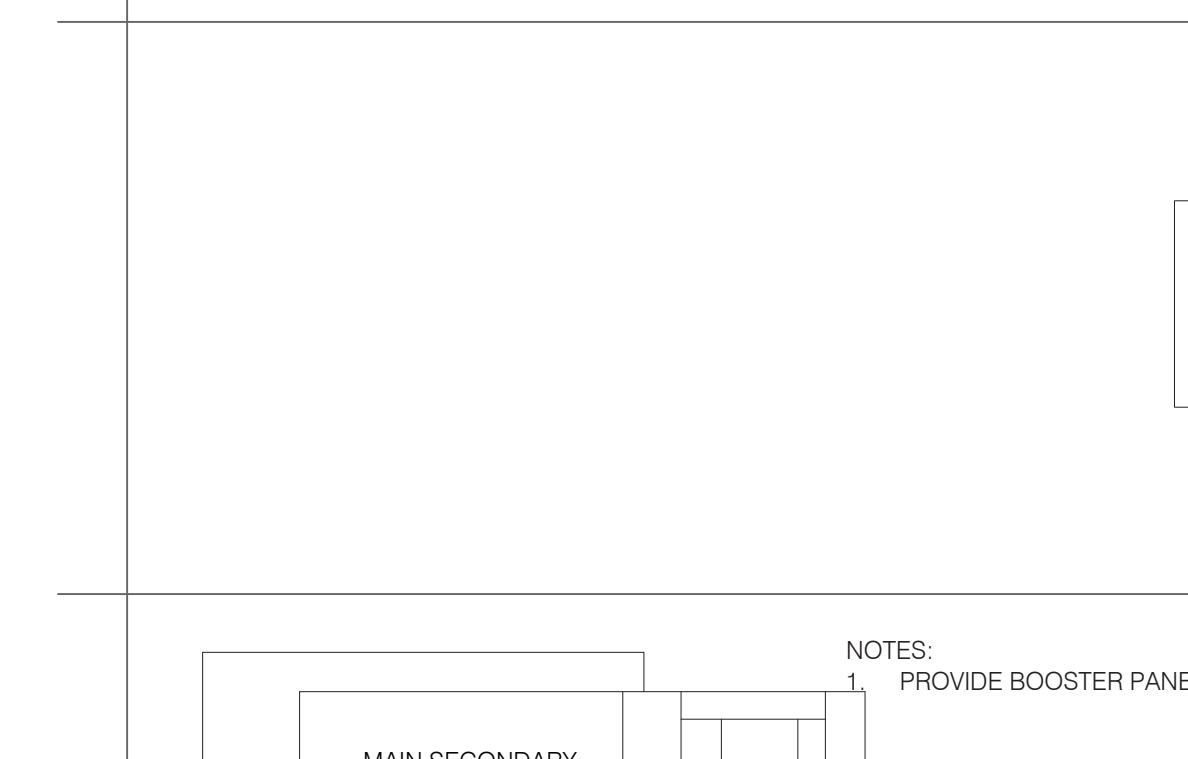
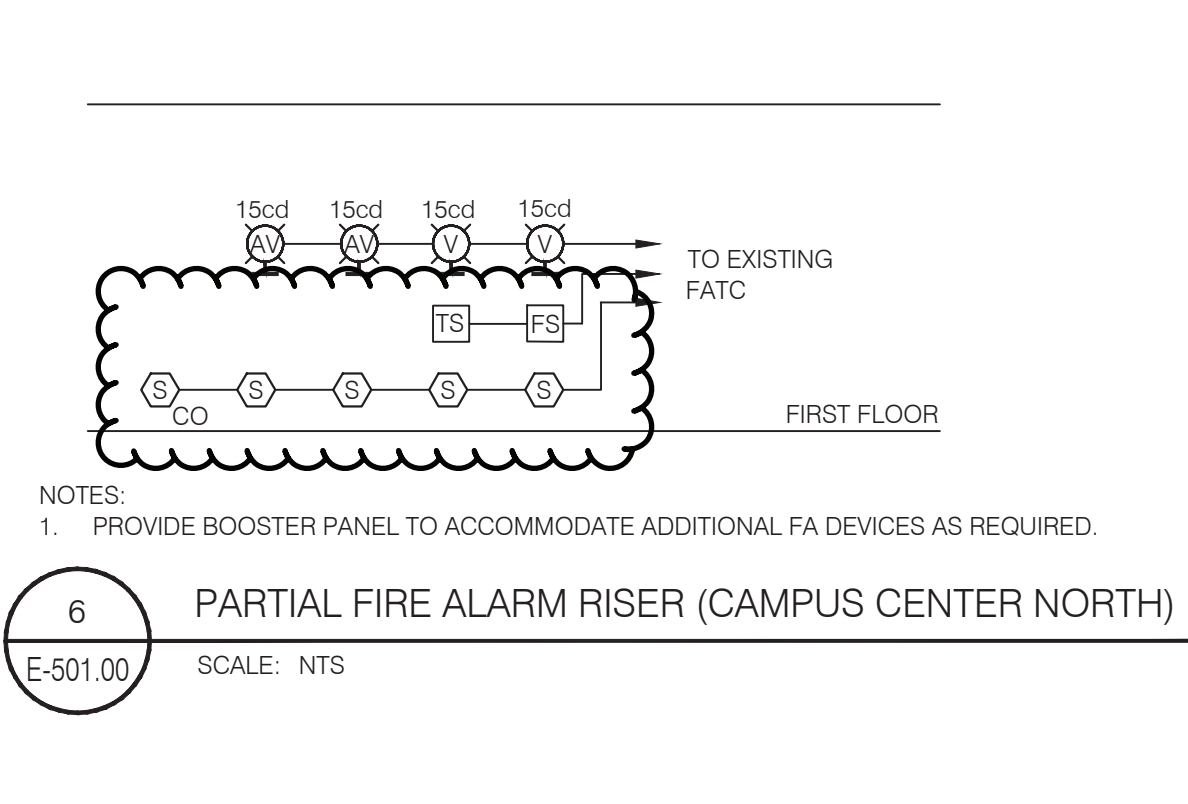
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E-501.00 SCALE: NTS



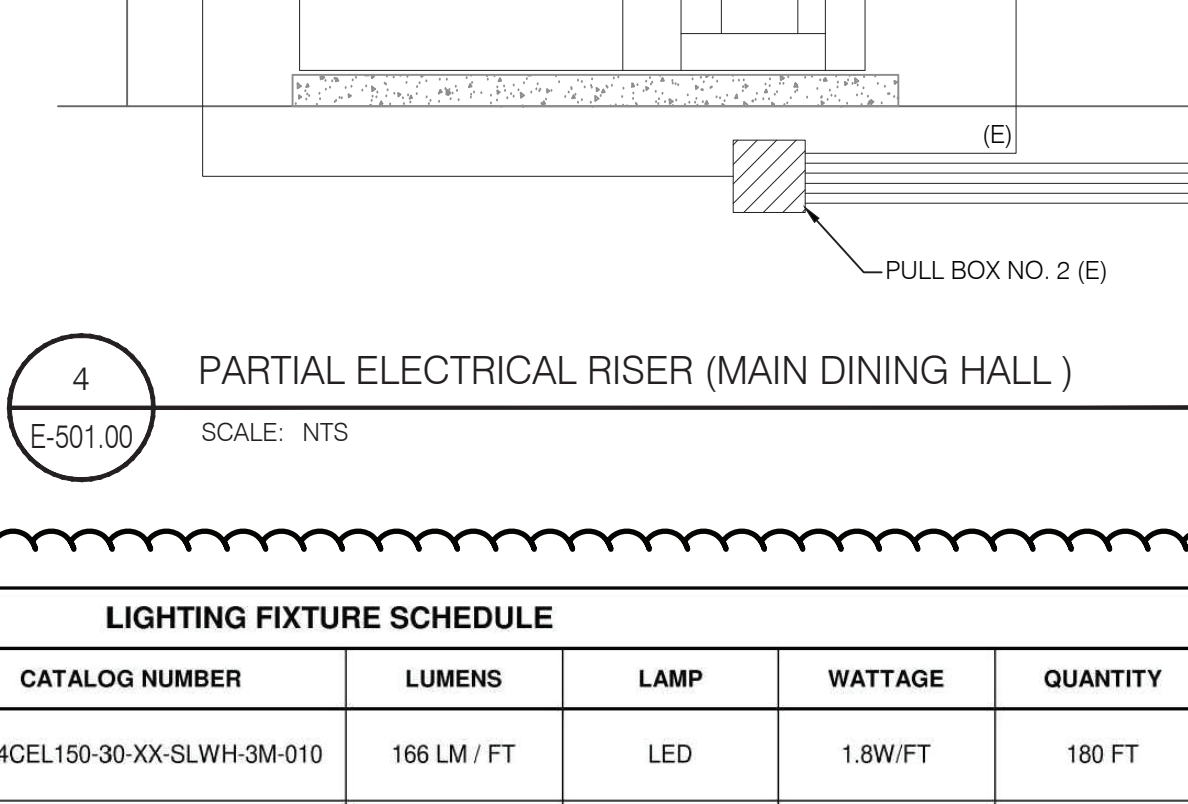
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E-501.00 SCALE: NTS



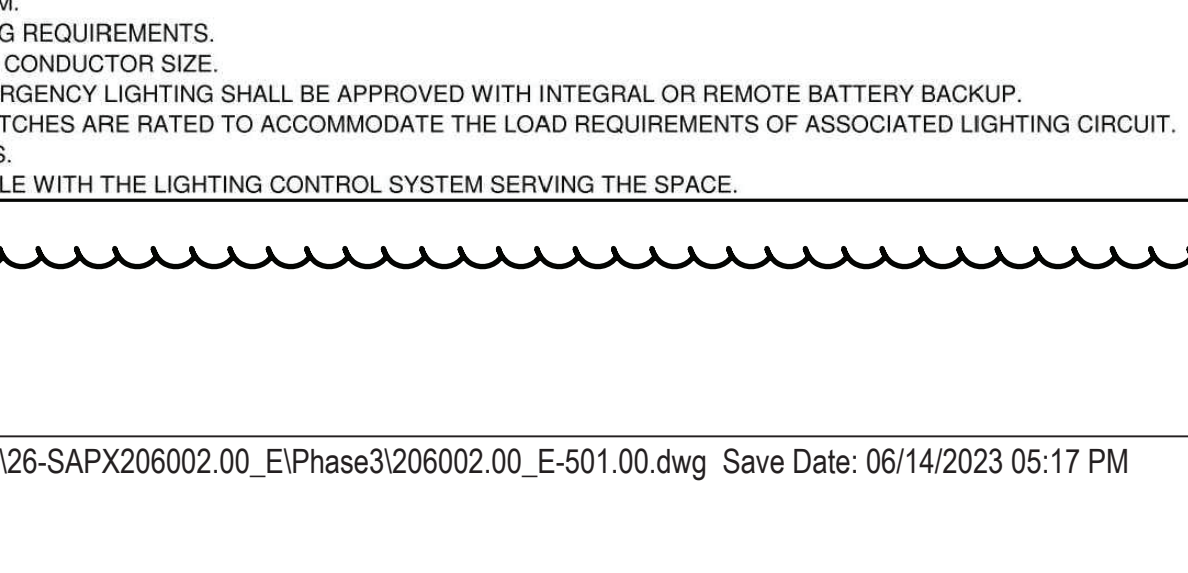
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E-501.00 SCALE: NTS



7 PARTIAL FIRE ALARM RISER (CAMPUS CENTER SOUTH)

E-501.00 SCALE: NTS

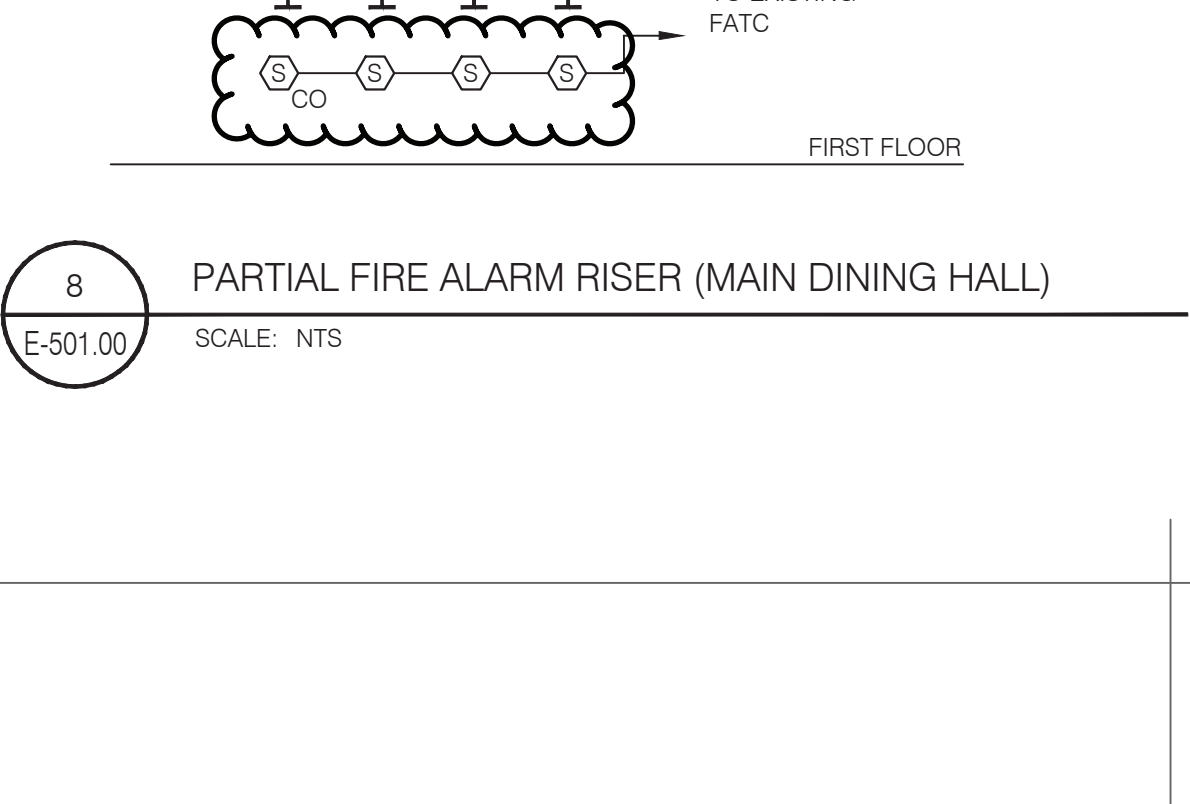


8 PARTIAL FIRE ALARM RISER (MAIN DINING HALL)

E-501.00 SCALE: NTS

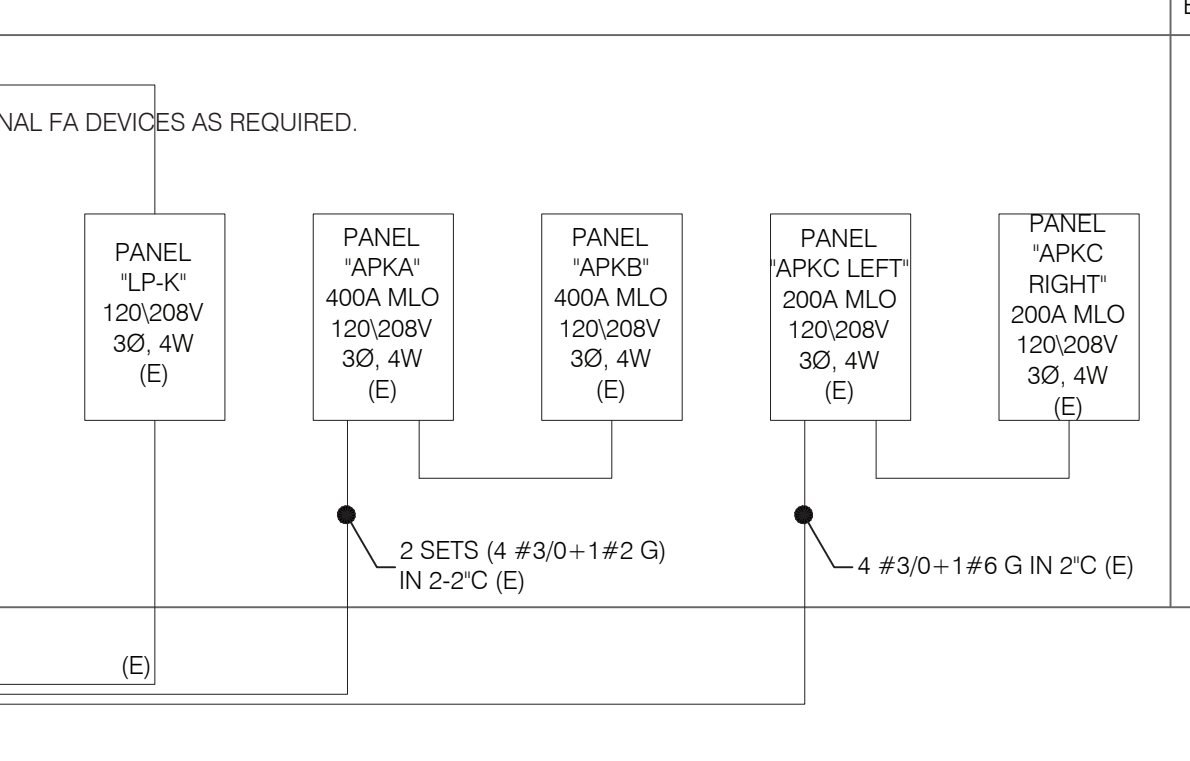
1 PARTIAL ELECTRICAL RISER (PHYSICAL EDUCATION)

E-501.00 SCALE: NTS



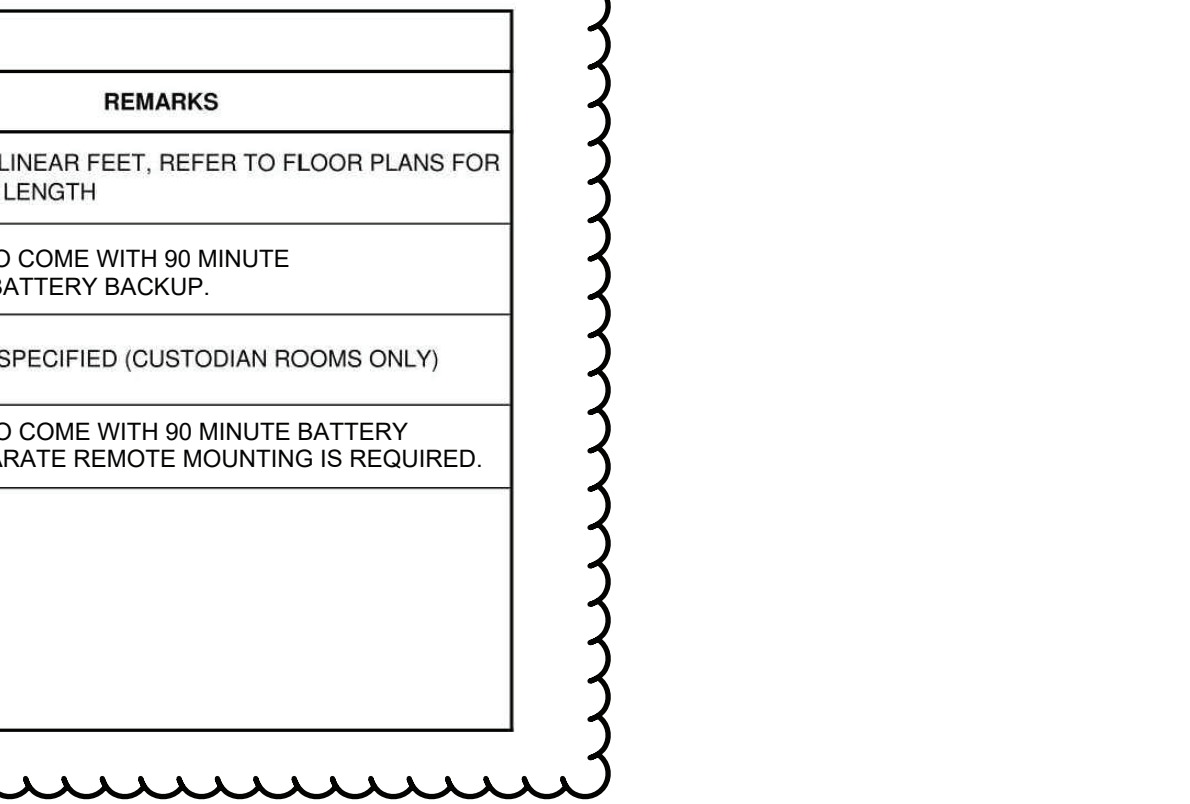
2 PARTIAL ELECTRICAL RISER (CAMPUS CENTER NORTH)

E-501.00 SCALE: NTS



3 PARTIAL ELECTRICAL RISER (CAMPUS CENTER SOUTH)

E-501.00 SCALE: NTS



4 PARTIAL ELECTRICAL RISER (MAIN DINING HALL)

E-501.00 SCALE: NTS

GENERAL NOTES

1.

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.

11.

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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Rev	Date	Issue
27 Feb 2023	6/16/2023	Issue for Bid PHASE 3 ADDENDUM #1

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Title ELECTRICAL RISER
DIAGRAMS AND
SCHEDULES
Date 06-15-2023
Project No. 1944
Drawing By LJ
CHK By SM
Scale AS NOTED
DOB Rev
E-501.00

GENERAL FIRE PROTECTION NOTES

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.

2. 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.

7. 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 AT SYSTEM WORKING PRESSURE. TESTING SHALL NOT EXCEED 80 PSI.

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 SURVEYS. 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.

CODES AND STANDARDS

2020NYS BUILDING CODE

2020NYS EXISTING BUILDING CODE

2020NYS FIRE CODE

NFPA 13STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS, 2016

SPRINKLER LEGEND

SYMBOL	K FACTOR	TYPE	ORFICE	RESPONSE	FINISH	TEMP.
	5.6	UPRIGHT	1/2"	QUICK	BRASS	155° F

PIPE FITTINGS

ECCENTRIC

CONCENTRIC

CAPPED CONNECTION

PIPE UNION

ELBOW TURNED UP

ELBOW TURNED DOWN

TEE DOWN

SHUT-OFF VALVE IN RISER

PIPE WITH HEAT TRACE

ANNOTATIONS

FIRE RISER DESIGNATION

REVISION NUMBER

POINT OF DEMOLITION

POINT OF CONNECTION

DETAIL ANNOTATIONS

2

FP7.01

DETAIL NUMBER

WHERE THE DETAIL IS DRAWN

2

FP1.01

DETAIL NUMBER

WHERE THE DETAIL IS DRAWN

WHERE THE DETAIL REFERENCED

N

O

NEW CONCEALED SPRINKLER HEAD

E

O

EXISTING CONCEALED SPRINKLER HEAD

R

REMOVAL PENDENT SPRINKLER HEAD

REMOVAL FIRE PIPE

PIPE REPRESENTATION

FIRE PROTECTION PIPING

PIPE VALVES AND ACCESSORIES

BUTTERFLY VALVE W/ TAMPER SWITCH

OS&Y VALVE W/ TAMPER SWITCH

DOUBLE CHECK VALVE / DETECTOR BACKFLOW PREVENTER (ASSE 1015, 1048)

BALL VALVE

CHECK VALVE

PRESSURE REDUCING VALVE

FLOW SWITCH

STRAINER

PRESSURE GAUGE

GATE VALVE

HOSE BIB

NOTE: ALL SYMBOLS MAY NOT APPEAR ON THE DRAWINGS.

ABBREVIATIONS

AAV
ABV
AD
AFF
AHJ
AP
ARCH
ASME

AUTO AIR VENT
ABOVE
AREA DRAIN
ABOVE FINISHED FLOOR
AUTHORITY HAVING JURISDICTION
ACCESS PANEL
ARCHITECTURAL
AMERICAN SOCIETY OF MECHANICAL ENGINEERS
AMERICAN SOCIETY OF PLUMBING ENGINEERS
AMERICAN SOCIETY OF SANITARY ENGINEERS

BLDG
BLW

BUILDING
BELOW

CFM
CLG
CONN
CONT
CW

CUBIC FEET PER MINUTE
CEILING
CONNECTION
CONTINUATION
COLD WATER

D
DCWASA
DIA
DN
DWG

DEMOLISH / REMOVAL
D.C. WATER AND SEWER AUTHORITY
DIAMETER
DOWN
DRAWING

E
EA
EQUIP
ETR

EXISTING
EACH
EQUIPMENT
EXISTING TO REMAIN

F
FD
FDC
FHC
FHV
FL
FCB
FOT
FS
FT

FIRE
FLOOR DRAIN
FIRE DEPARTMENT CONNECTION
FIRE HOSE CABINET
FIRE HOSE VALVE
FLOOR
FLAT ON BOTTOM
FLAT ON TOP
FLOW SWITCH
FEET

GAL
GPM

GALLON
GALLONS PER MINUTE

HDPE
HP
HB

HIGH DENSITY POLYETHYLENE
HORSE POWER
HOSE BIB

IN
INV

INCH
INVERT

KW

KILOWATT

MAX
MECH
MFR
MIN
MTD

MAXIMUM
MECHANICAL
MANUFACTURER
MINIMUM
MOUNTED

N
NFPA

NEW
NATIONAL FIRE PROTECTION
ASSOCIATION
NOT IN CONTRACT
NUMBER

OS&Y

OUTSIDE STEM AND YOLK

P
PH
PRV
PSI

PUMP
PHASE (ELECTRICAL)
PRESSURE REDUCING VALVE
POUNDS PER SQUARE INCH

OR

QUICK RESPONSE

RPM

REVOLUTIONS PER MINUTE

SAN
SF
SS
STP
STRUC

SANITARY/WASTE PIPE
SQUARE FEET
STAINLESS STEEL
STANDPIPE
STRUCTURAL

TDA
TEMP
TYP

TEST AND DRAIN ASSEMBLY
TEMPERATURE
TYPICAL

W
WM
WTR
W/
W/O

WATT
WATER METER
WATER
WITH
WITHOUT

NOTE: ALL ABBREVIATIONS MAY NOT APPEAR ON THE DRAWINGS.

FIRE PROTECTION DRAWING LIST

SHEET	DRAWING	TITLE
1	F-001.00	GENERAL NOTES, SYMBOLS & ABBREVIATIONS
2	F-101.00	CAMPUS CENTER NORTH - FIRE PROTECTION PLANS
3	F-701.00	FIRE PROTECTION DETAILS

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Rev

Date

Issue

1

27 Feb 2023

Issue for Bid

6/16/2023

PHASE 3 ADDENDUM #1

Title

GENERAL NOTES,
SYMBOLS &
ABBREVIATIONS

Date

06-15-2023

Project No.

1944

Drawing By

CHS

CHK By

KB

Scale

AS NOTED

DOB Rev

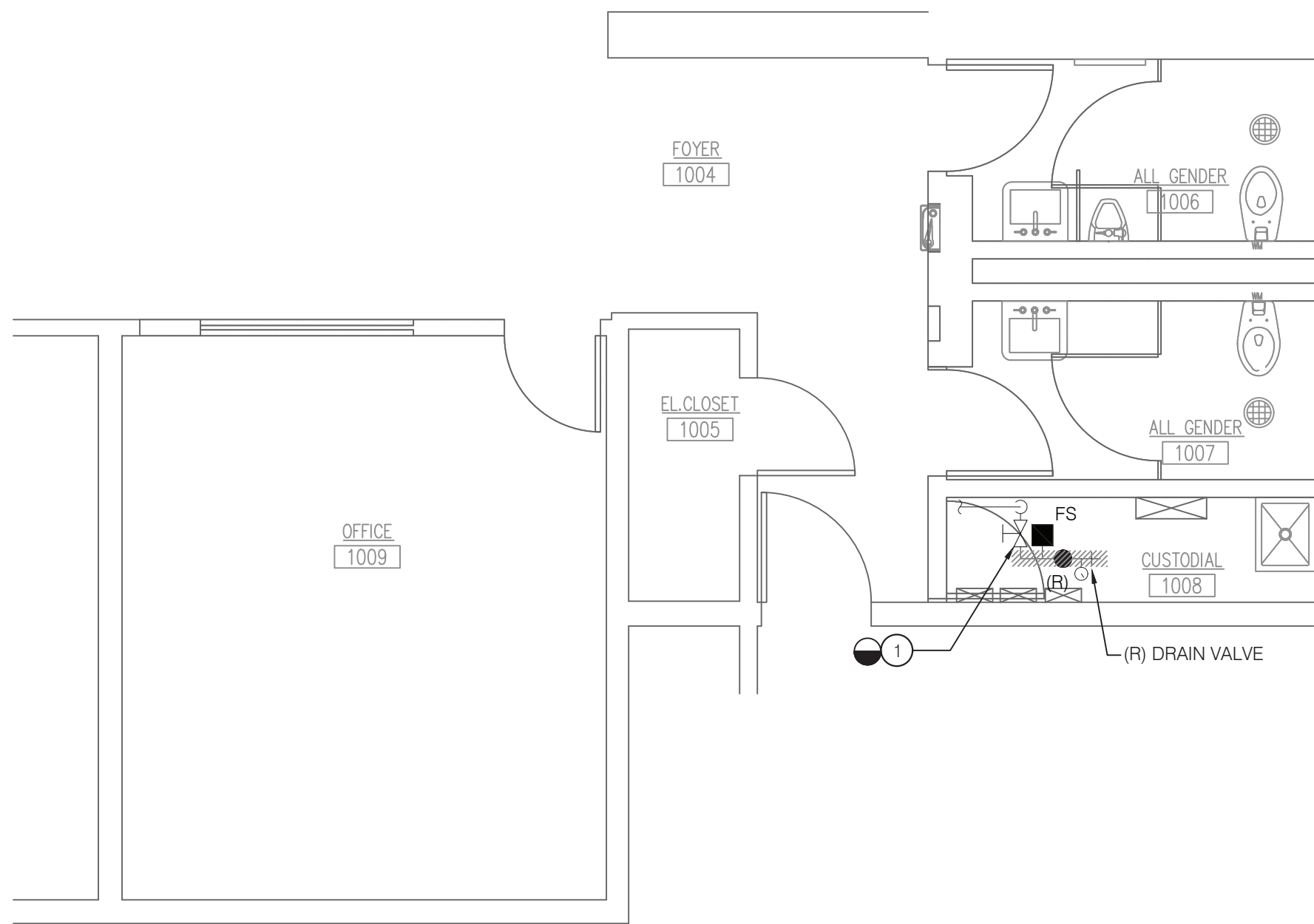
F-001.00

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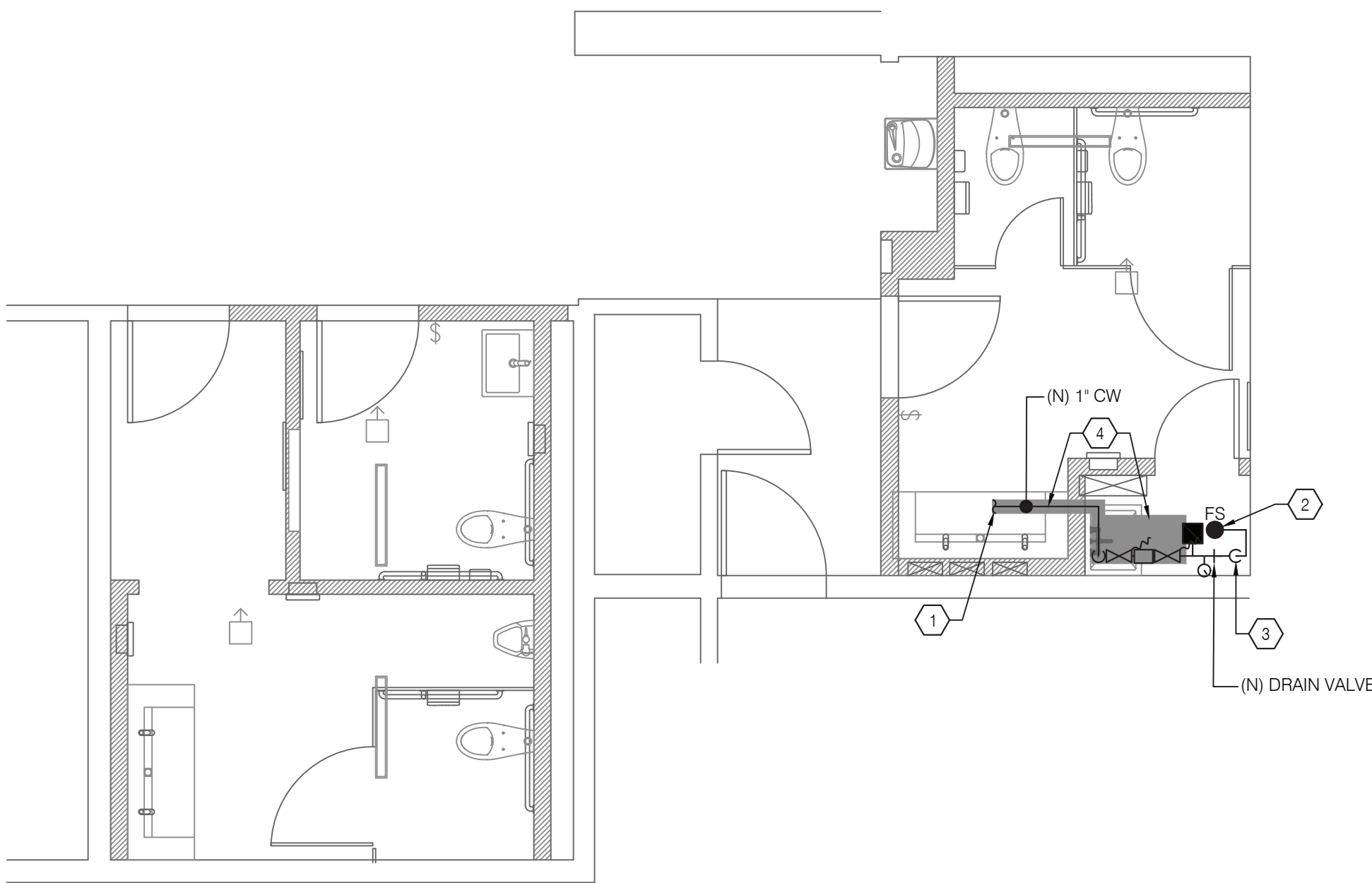
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F SHEET 01 OF 03

page 29



1 FIRST FLOOR PLAN - FIRE PROTECTION REMOVALS
F-101.00 SCALE: 1/4" = 1'-0"



2 FIRST FLOOR PLAN - FIRE PROTECTION NEW WORK
F-101.00 SCALE: 1/4" = 1'-0"

DEMOLITION KEY NOTES

1. REMOVE EXISTING PIPING, SPRINKLER HEAD, VALVES, AND APPURTENANCES BACK TO CONTROL VALVE.

NEW WORK KEY NOTES

1. REFER TO PLUMBING PLAN FOR CONTINUATION.

2. NEW QUICK RESPONSE UPRIGHT SPRINKLER HEAD PLACED BETWEEN 1'-12" BELOW FINISHED CEILING.

3. 1" SPRINKLER RISE TO SPRINKLER HEAD.

4. 1" CW PIPING AND DOUBLE CHECK VALVE SHOWN FOR REFERENCE. ONLY. REFER TO PLUMBING PLANS FOR CONTINUATION. PROVIDE (2) TOTAL TAMPER SWITCHES FOR VALVES ASSOCIATED WITH DOUBLE CHECK VALVE ASSEMBLY.

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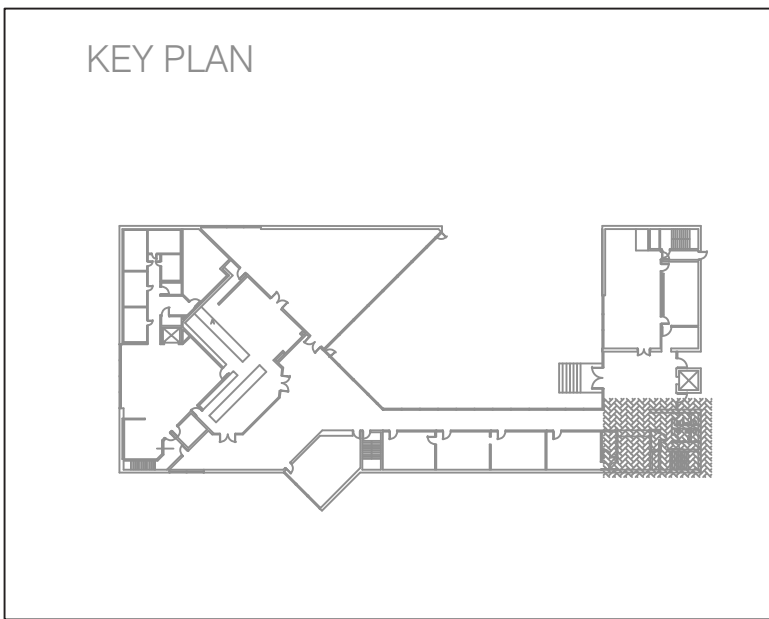
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Rev	Date	Issue
27 Feb 2023	Issue for Bid	
6/16/2023	PHASE 3 ADDENDUM #1	

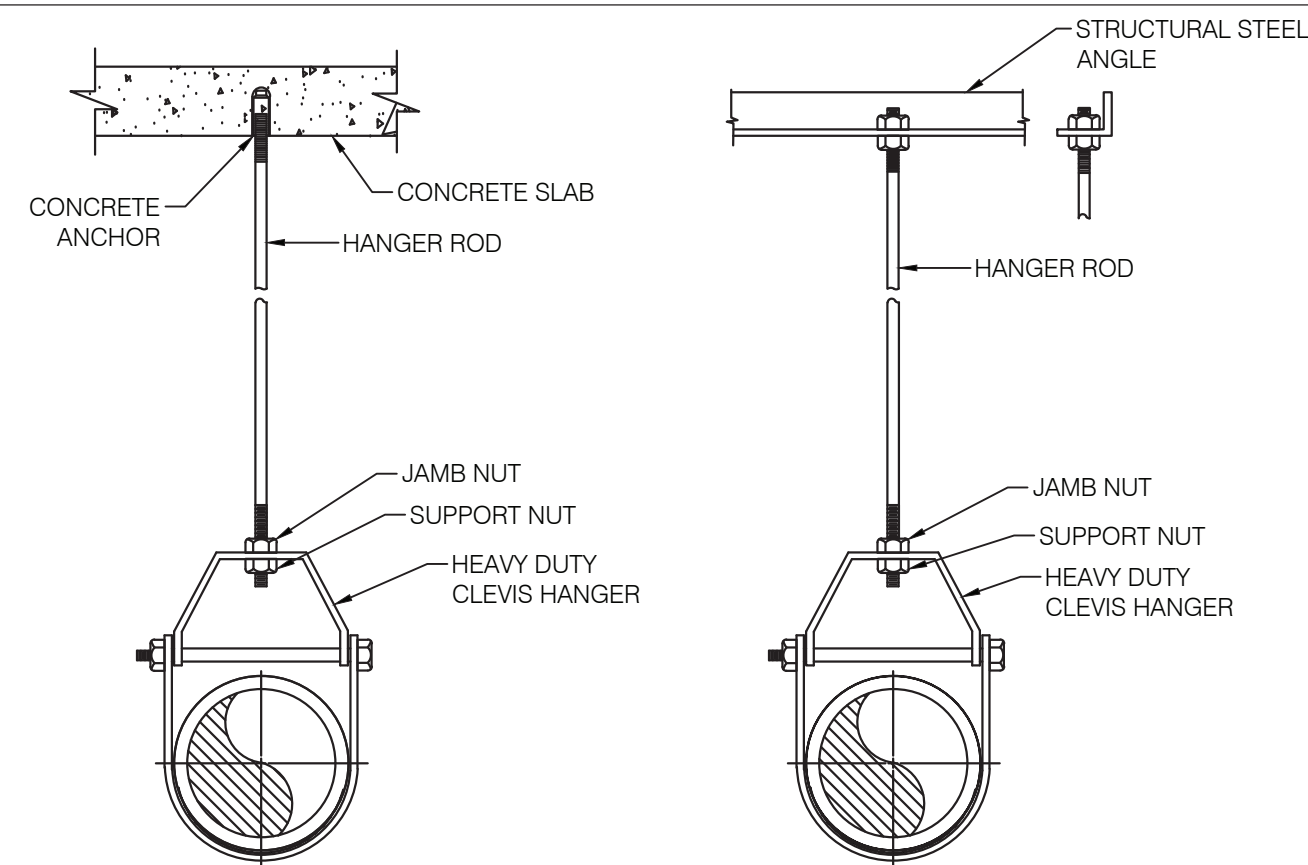


Title

CAMPUS CENTER NORTH -
FIRE PROTECTION PLANS

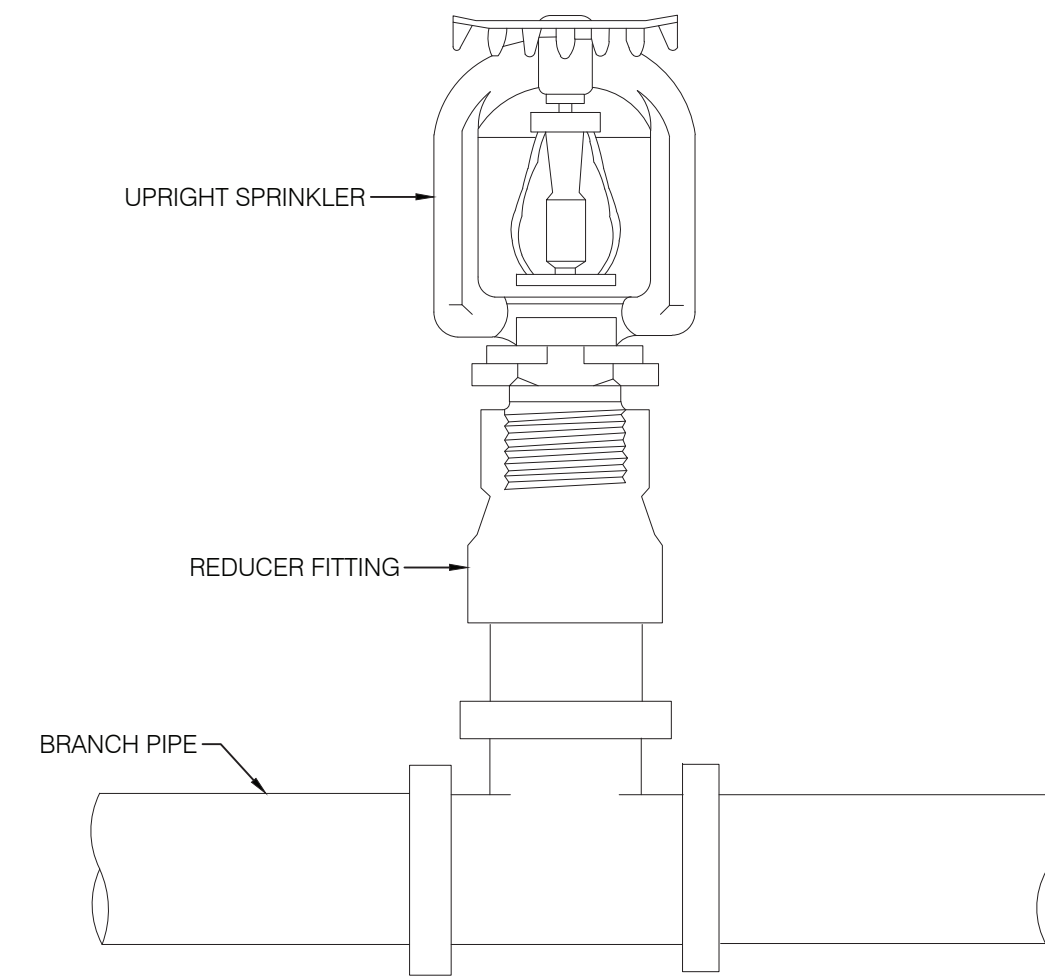
Date	06-15-2023
Project No.	1944
Drawing By	CHS
CHK By	EB
Scale	AS NOTED
DOB Rev	
F-101.00	





MAXIMUM DISTANCE BETWEEN HANGERS (FEET - INCHES)											
NOMINAL PIPE SIZE (N INCHES)											
	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	5	6	8
STEEL PIPE EXCEPT THREADED LIGHT WALL	12'-0"	12'-0"	15'-0"	15'-0"	15'-0"	15'-0"	15'-0"	15'-0"	15'-0"	15'-0"	15'-0"
THREADED LIGHTWALL STEEL PIPE	12'-0"	12'-0"	12'-0"	12'-0"	12'-0"	N/A	N/A	N/A	N/A	N/A	N/A

2	PIPE SUPPORT DETAIL	
F-701.00	SCALE: NOT TO SCALE	



1 UPRIGHT SPRINKLER DETAIL
F-701.00 SCALE: NOT TO SCALE

RESTROOM RENOVATION PURCHASE COLLEGE

STATE UNIVERSITY OF NEW YORK

735 Anderson Hill Rd.
Purchase, NY 10577

PHASE 3:

CAMPUS CENTER NORTH BUILDING
CAMPUS CENTER SOUTH BUILDING
PHYSICAL EDUCATION BUILDING
MAIN DINING HALL

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CHK By	KB
Scale	AS NOTED

F-701.00