


FRANKLIN ES RENOVATION

Liberty Public Schools

201 W Mill St.
Liberty, MO 64068

CONSTRUCTION DOCUMENTS

INDEX OF DRAWINGS				PROJECT INFORMATION		DESIGN TEAM																															
<p>GENERAL</p> <p>G000 COVER SHEET</p> <p>G101 CODE FLOOR PLANS</p> <p>DEMOLITION - ARCHITECTURE</p> <p>DA101 DEMOLITION FLOOR PLAN - OVERALL - LEVEL 1</p> <p>DEMOLITION - MECHANICAL</p> <p>DM101B DEMOLITION HVAC PLAN - LEVEL 1 - AREA B</p> <p>DEMOLITION - PLUMBING</p> <p>DP101A DEMOLITION PLUMBING PLAN - LEVEL 1 - AREA A</p> <p>DP101B DEMOLITION PLUMBING PLAN - LEVEL 1 - AREA B</p> <p>DEMOLITION - ELECTRICAL</p> <p>DE101A DEMOLITION LIGHTING PLAN - LEVEL 1 - AREA A</p> <p>DE101B DEMOLITION LIGHTING PLAN - LEVEL 1 - AREA B</p> <p>DE201B DEMOLITION POWER PLAN - LEVEL 1 - AREA B</p> <p>ARCHITECTURE</p> <p>A001 GENERAL ARCHITECTURAL INFORMATION</p> <p>A101 FLOOR PLAN - OVERALL - LEVEL 1</p> <p>A120 REFLECTED CEILING PLAN - OVERALL - LEVEL 1</p> <p>A401 ENLARGED TOILET PLANS & DETAILS</p> <p>A402 ENLARGED PLANS & DETAILS</p> <p>A403 ENLARGED PLANS & DETAILS</p> <p>A404 ENLARGED PLANS & DETAILS</p> <p>A405 ENLARGED PLANS & DETAILS</p> <p>A621 INTERIOR ELEVATIONS</p> <p>A681 MAT. FINISH LEGEND, SCHED. & ELEVATIONS</p> <p>A701 SIGNAGE SCHEDULE & TYPES</p> <p>STRUCTURAL</p> <p>S001 GENERAL NOTES AND DETAILS</p> <p>S101 FRAMING PLAN - AREA B</p> <p>MECHANICAL/ELECTRICAL</p> <p>ME101 MECH AND ELEC - SYMBOLS AND ABBREVIATIONS</p> <p>ME301 MECHANICAL AND ELECTRICAL SCHEDULES AND DETAILS</p> <p>MECHANICAL</p> <p>M101B HVAC PLAN - LEVEL 1 - AREA B</p> <p>PLUMBING</p> <p>P100B UNDERSLAB PLUMBING PLAN - LEVEL 1 - AREA B</p> <p>P101A PLUMBING PLAN - LEVEL 1 - AREA A</p> <p>P101B PLUMBING PLAN - LEVEL 1 - AREA B</p> <p>ELECTRICAL</p> <p>E101A LIGHTING PLAN - LEVEL 1 - AREA A</p> <p>E101B LIGHTING PLAN - LEVEL 1 - AREA B</p> <p>E201A POWER PLAN - LEVEL 1 - AREA A</p> <p>E201B POWER PLAN - LEVEL 1 - AREA B</p> <p>E301 ELECTRICAL - SCHEDULES & DETAILS</p> <p>E302 ELECTRICAL - SCHEDULES & DETAILS</p>				<p><u>OCCUPANCY TYPE:</u></p> <p>GROUP E, EDUCATIONAL</p> <p><u>OWNER:</u></p> <p>LIBERTY PUBLIC SCHOOLS 8 VICTORY LANE LIBERTY, MO 64068</p> <p><u>ANTICIPATED OCCUPANCY:</u></p> <p>AUGUST 2024</p> <p><u>PROJECT DESCRIPTION:</u></p> <p>THE PROJECT SCOPE CONSISTS OF THE FOLLOWING INTERIOR TENANT FINISH UPGRADES: RESTROOM RENOVATIONS, BREAK ROOM FINISH UPGRADES, NURSES RENOVATION AND A RECONFIGURATION OF A CURRENT THREE ROOM SUITE. ALL OF THIS WORK TAKES PLACE IN THE NON-CONFORMING 1990s ERA PORTION OF THE BUILDING. THEREFORE ANY ASSOCIATED DEMOLITION WILL NOT AFFECT ANY FIRE RATINGS THAT CURRENTLY EXIST IN THIS BUILDING.</p>	<p>ARCHITECT:</p> <p>Hollis + Miller Architects 1828 Walnut Street Ste 922 Kansas City, MO 64108 CONTACT: Nicole Rezai PHONE: 816.442.7700 FAX: 816.599.2545</p> <p>STRUCTURAL ENGINEER:</p> <p>Bob D Campbell 4338 Belleview Ave Kansas City, MO 64111 CONTACT: Wayne Davis PHONE: 816.442.7700 FAX: 816.531.4122</p> <p>CONSTRUCTION MANAGER:</p> <p>Newkirk Novak 11200 W 79th Street Lenexa, KS 66214 CONTACT: Brandon Stanley PHONE: 913.312.9535</p> <p>MEP ENGINEER:</p> <p>Smith and Boucher Mechanic, Electric, Plumbing State Certificate of Authority #EGC000178 25501 Valley Parkway, Suite 200 Olathe, KS 66061 PHONE: 913.345.2127</p>																																
				<p>PROJECT CODES</p> <p>THE FOLLOWING CODES WERE USED FOR THIS PROJECT:</p> <table><tr><td>2018 "IBC"</td><td>INTERNATIONAL BUILDING CODE</td></tr><tr><td>2018 "IMC"</td><td>INTERNATIONAL MECHANICAL CODE</td></tr><tr><td>2012 "IECC"</td><td>INTERNATIONAL ENERGY CONSERVATION CODE</td></tr><tr><td>2018 "IPC"</td><td>INTERNATIONAL PLUMBING CODE</td></tr><tr><td>2017 "NEC"</td><td>NATIONAL ELECTRIC CODE</td></tr><tr><td>2010 "ADA"</td><td>AMERICANS WITH DISABILITIES ACT</td></tr><tr><td>2017 "ICC ANSI A117.1"</td><td>ACCESSIBLE & USABLE BUILDINGS & FACILITIES</td></tr></table>		2018 "IBC"	INTERNATIONAL BUILDING CODE	2018 "IMC"	INTERNATIONAL MECHANICAL CODE	2012 "IECC"	INTERNATIONAL ENERGY CONSERVATION CODE	2018 "IPC"	INTERNATIONAL PLUMBING CODE	2017 "NEC"	NATIONAL ELECTRIC CODE	2010 "ADA"	AMERICANS WITH DISABILITIES ACT	2017 "ICC ANSI A117.1"	ACCESSIBLE & USABLE BUILDINGS & FACILITIES																		
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				<p>IPC PLUMBING CALCULATIONS</p> <p>FRANKLIN ELEMENTARY OCCUPANCY CATEGORY E (TYPICAL OCCUPANCY)</p> <table><tr><th rowspan="2">DESIGN MAX POPULATION</th><th rowspan="2">MEN</th><th colspan="2">MALE</th><th rowspan="2">WOMEN</th><th colspan="2">FEMALE</th></tr><tr><th>WATER CLOSETS @1:50</th><th>LAVATORIES @1:50</th><th>WATER CLOSETS @1:50</th><th>LAVATORIES @1:50</th></tr><tr><td>*359</td><td>177</td><td>4</td><td>4</td><td>177</td><td>4</td><td>4</td></tr></table> <p>PROVIDED FIXTURES:</p> <table><tr><td>11 EXG</td><td>5 EXG</td><td>9 EXG</td><td>5 EXG</td></tr></table> <p>REMOVED FIXTURES:</p> <table><tr><td>0 REM</td><td>1 REM</td><td>0 REM</td><td>0 REM</td></tr></table> <p>NEW ADDITIONAL FIXTURES:</p> <table><tr><td>0 NEW</td><td>0 NEW</td><td>2 NEW</td><td>0 NEW</td></tr></table> <p>*359 IS BASED ON A HIGH STUDENT CAPACITY AND STAFF CAPACITY OF 27 CAPACITY INFORMATION BASED ON VERIFIED ENROLLMENT W/ SCHOOL DISTRICT:</p> <p>- 1.5 STAFF MEMBER PER CLASSROOM</p> <p>PROVIDED FIXTURE COUNTS ONLY INCLUDE MULTI-USE AND KINDERGARTEN RESTROOM FIXTURES; NOT THE ADDITIONAL STAFF SINGLE RESTROOMS</p> <p>4 WC AND 5 LAVS</p>		DESIGN MAX POPULATION	MEN	MALE		WOMEN	FEMALE		WATER CLOSETS @1:50	LAVATORIES @1:50	WATER CLOSETS @1:50	LAVATORIES @1:50	*359	177	4	4	177	4	4	11 EXG	5 EXG	9 EXG	5 EXG	0 REM	1 REM	0 REM	0 REM	0 NEW	0 NEW	2 NEW	0 NEW		
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				<p>ALTERNATES</p> <table><tr><th>No.</th><th>Accepted</th><th>Description</th></tr><tr><td>AD1</td><td><input type="checkbox"/></td><td>STAFF LOUNGE A107 BASE BID NO WORK EXCEPT AS NOTED ON MEP DRAWINGS, ADD ALTERNATE AS DOCUMENTED ON H1, H5 & H9/A402</td></tr><tr><td>AD2</td><td><input type="checkbox"/></td><td>GYM STAGE BASE BID NO WORK EXCEPT AS NOTED ON MEP DRAWINGS, ADD ALTERNATE AS DOCUMENTED ON A1, A9, F1 & F9/A404</td></tr></table>		No.	Accepted	Description	AD1	<input type="checkbox"/>	STAFF LOUNGE A107 BASE BID NO WORK EXCEPT AS NOTED ON MEP DRAWINGS, ADD ALTERNATE AS DOCUMENTED ON H1, H5 & H9/A402	AD2	<input type="checkbox"/>	GYM STAGE BASE BID NO WORK EXCEPT AS NOTED ON MEP DRAWINGS, ADD ALTERNATE AS DOCUMENTED ON A1, A9, F1 & F9/A404																							
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				<p>VICINITY MAP</p> 																																	

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1828 Walnut Street Suite 922
Kansas City, MO 64108
P 816.442.7700

115 Wilcox Street Suite 210
Castle Rock, CO 80104
P 720.949.1689

HOLLISANDMILLER.COM

Hollis + Miller Architects
Missouri State Certificate of Authority
Architecture # 000061

Structural Engineer
Bob D Campbell
State Certificate of Authority #000442
4338 Belleview Ave.
Kansas City, MO 64111
816.531.4144

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State Certificate of Authority #EGC000178
25501 Valley Parkway, Suite 200
Olathe, KS 66061
913.345.2127 phone

CONSTRUCTION DOCUMENTS

Franklin Elementary School
Liberty Public Schools
201 W Mill St.
Liberty, MO 64068

REVISIONS:

#	Description	Date
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STATE OF MISSOURI
KEVIN E. NELSON
A-2019015618
ARCHITECT
November 22, 2023
Kevin E. Nelson
A-2019015618

The Professional Addresses and Affirms that the above documents are the original and true copies of the work. All drawings, specifications and documents are submitted to the state and are the property of the state. The state and the architect agree to indemnify any and all third party for such state drawings, or documents not meeting these standards.

JOB NO: 23027
DRAWN BY: LB
CHECKED BY: JB
DATE: 11.22.2023

G000

COVER SHEET

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
R																
Q																
P																
N																
M																
L																
K																

Work Area Occupant Load Table						
Rm No	Room Name	Function of Space	Area (SF)	Occupant Load Factor	Space Occupant Load	
A103A	Girls	(none)	176 SF			
A103B	Boys	(none)	173 SF			
A106b	Staff Restroom	(none)	53 SF			
A108	Restroom Entry	(none)	67 SF			
A109A	Girls	(none)	164 SF			
A109B	Boys	(none)	171 SF			
B100	Office	Business Areas	304 SF	150 SF	3	
B101	Principal	Business Areas	142 SF	150 SF	1	
B102	Asst Principal	Business Areas	116 SF	150 SF	1	
B108	Boiler	Accessory Storage Areas, Mechanical Equipment Room	13 SF	300 SF	1	
B110	Office	Assembly Without Fixed Seats Concentrated (chairs only - not fixed)	88 SF	15 SF	6	
B111	Office	Business Areas	88 SF	150 SF	1	
B112	PE Storage	Accessory Storage Areas, Mechanical Equipment Room	151 SF	300 SF	1	
B112a	Office	Business Areas	48 SF	150 SF	1	
B112b	Elec	Accessory Storage Areas, Mechanical Equipment Room	26 SF	300 SF	1	
B114	Staff Lounge	Assembly Without Fixed Seats Unconcentrated (tables & Chairs)	293 SF	15 SF	20	
B114a	Staff Restroom	(none)	47 SF			
B115	Workroom	Assembly Without Fixed Seats Unconcentrated (tables & Chairs)	213 SF	15 SF	15	
B116	Lactation Room	Business Areas	74 SF	150 SF	1	
B117	Restroom	(none)	54 SF			
B121	Restroom Entry	(none)	69 SF			
B122	Nurse	Institutional - Outpatient Areas	280 SF	100 SF	3	
B122a	Restroom	(none)	64 SF			
B123	Counselor	Business Areas	193 SF	150 SF	2	
Reflected Ceiling Plan - Overall - Level 1						57
Total Building Occupant Load						57

PROJECT INFORMATION

PROJECT NUMBER

23027.00

PROJECT NAME

Franklin Elementary Renovation

OWNER

Liberty Public School District
8 Victory Lane
Liberty, MO 64066

AUTHORITY HAVING JURISDICTION

Liberty City Hall
Building Division
101 E Kansas Street, 3rd Floor
Liberty, MO 64068
816-439-4534

RESPONDING FIRE SERVICE

Liberty Fire Department
200 W Mississippi Street
Liberty, MO 64068
816-439-4310

ANTICIPATED OCCUPANCY

Occupant Load will not change

ADOPTED CODES AND ORDINANCES

2018 International Building Code
2018 International Existing Building Code
2018 International Fire Code
2017 National Electric Code (NFPA 70)
2018 International Mechanical Code
2018 International Plumbing Code
2017 ICC A117.1 Accessible and Usable Buildings and Facilities

BUILDING INFORMATION

OCCUPANCY CLASSIFICATION:

Educational, Group E (305.1)

CONSTRUCTION TYPE:

II-B-V-B (802.2, Non-combustible, non-protected)
Renovation of existing structure

FIRE SAFETY FEATURES

SPRINKLER:

Non-Sprinklered

FIRE ALARM SIGNALING:

Existing to remain.

EMERGENCY LIGHTING / POWER:

Existing to remain.

SMOKE CONTROL SYSTEM:

Existing to remain.

SCOPE OF WORK

XXX

RENOVATION SQUARE FOOTAGE

ALTERATION LEVEL 1:

393 SF

ALTERATION LEVEL 2:

3,063 SF

TOTAL ALTERATION:

3,456SF

CODE LEGEND

1:20

1:20

1:20

1:20

1:20

1 HOUR FIRE PARTITION W/ 20 MIN DOORS

1:45

1:45

1:45

1:45

1:45

1 HOUR FIRE BARRIER W/ 45 MIN. DOORS

2:FB

2:FB

2:FB

2:FB

2:FB

2 HOUR FIRE BARRIER W/ 90 MIN DOORS

2:FW

2:FW

2:FW

2:FW

2:FW

2 HOUR FIRE WALL W/ 90 MIN DOORS

EXISTING BUILDING - NO WORK

EXISTING BUILDING - ALTERATION LEVEL 1
ALTERATIONS DO NOT INVOLVE SPACE RECONFIGURATION

EXISTING BUILDING - ALTERATION LEVEL 2
SPACE RECONFIGURATION DOES NOT EXCEED 50% OF THE BUILDING AREA

EXISTING BUILDING - ALTERATION LEVEL 3
SPACE RECONFIGURATION COVERS MORE THAN 50% OF THE BUILDING AREA

NOTE: ALL EXISTING FIRE EXTINGUISHERS TO REMAIN UNO

KEY PLAN

A

B

C

Franklin Elementary School
Liberty Public Schools
201 W Mill St.
Liberty, MO 64068

REVISONS:

#	Description	Date
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STATE OF MISSOURI
KEVIN E. NELSON
A-2019015618
ARCHITECT
NOVEMBER 22, 2023

This Professional Address and Affirmation is the signed agreement to the project and the design of the work. All drawings, specifications and other documents are prepared by the architect and are intended to be used by the architect and the architect's firm only and are not to be used by any other person or entity for any purpose other than the project for which they were prepared.

JOB NO: 23027
DRAWN BY: MB
CHECKED BY: JB
DATE: 11.22.2023

G101

CODE FLOOR PLANS

A1 Scale Code Floor Plan - Level 1

11/30/2023 4:06:09 PM



SHEET KEYNOTE LEGEND

GENERAL DEMOLITION NOTES

- DEMOLITION INCLUDES THE REMOVAL OF EXISTING CONSTRUCTION WHICH CONFLICTS WITH WORK TO BE BUILT/INSTALLED IN NEW CONSTRUCTION. TRANSITIONS BETWEEN DEMOLITION AND EXISTING TO REMAIN TO BE CAREFULLY COORDINATED
- DASHED LINES INDICATE EXISTING CONSTRUCTION TO BE DEMOLISHED/REMOVED
- HALF-TONE SHADING INDICATES EXISTING CONSTRUCTION TO REMAIN
- EVERY DETAIL OF THE DEMOLITION WORK MAY NOT BE COVERED ON THESE DRAWINGS, BUT THE DEMOLITION CONTRACTOR SHALL COORDINATE WITH THE GC/CM TO ENSURE ALL REQUIRED ITEMS ARE REMOVED IN ORDER FOR NEW WORK TO BE COMPLETED
- IN AREAS SCHEDULED FOR DEMOLITION, ALL ACCESSORIES ATTACHED TO THE CEILINGS, FLOOR AND WALLS ARE TO BE REMOVED, INCLUDING BRACKETS, SCREWS, SIGNAGE, SURFACE MOUNTED ELECTRICAL AND TECHNOLOGY; REMOVE ALL WINDOW COVERINGS; MINI-BLINDS, ROLLER SHADES AND ALL BRACKETS
- THE OWNER WILL IDENTIFY ALL ITEMS TO BE SALVAGED PRIOR DEMOLITION STARTING. CONTRACTOR SHALL SALVAGE AND TURN OVER TO THE OWNER ALL EQUIPMENT IDENTIFIED. ALL REMAINING ITEMS SHALL BE REMOVED BY THE DEMOLITION CONTRACTOR
- DO NOT DISTURB SOIL UNDER EXISTING FOOTINGS AND/OR FLOOR SLABS NOTED TO REMAIN
- COORDINATE THE REMOVAL OF ALL PORTIONS OF LOAD BEARING ELEMENTS WITH THE STRUCTURAL ENGINEER PRIOR TO REMOVAL. PROVIDE TEMPORARY SHORING AS REQUIRED
- REFER TO MEP DEMOLITION SHEETS FOR EXISTING MECHANICAL, ELECTRICAL AND PLUMBING TO BE REMOVED

DEMOLITION NOTES

FLOORS & BASE

- REMOVE EXISTING QUARRY / CERAMIC TILE AND BASE, INCLUDING SETTING BED TO EXPOSE EXISTING CONCRETE SLAB
- REMOVE EXISTING SHEET VINYL AND BASE INCLUDING ADHESIVE TO 4' - 0" AFF
- REMOVE EXISTING VCT AND ADHESIVE
- REMOVE EXISTING CONCRETE SLAB AS REQUIRED FOR UNDER SLAB MECHANICAL, ELECTRICAL AND PLUMBING WORK. SAW CUT CONCRETE PRIOR TO REMOVAL. DO NOT SAW CUT INTO EXISTING FOUNDATIONS OR OTHER STRUCTURAL MEMBERS. COORDINATE WITH MEP SHEETS FOR NEW WORK AND CAPPING OF ABANDONED SERVICES
- REMOVE EXISTING CARPET AND ANY ASSOCIATED TACK STRIPS OR ADHESIVES

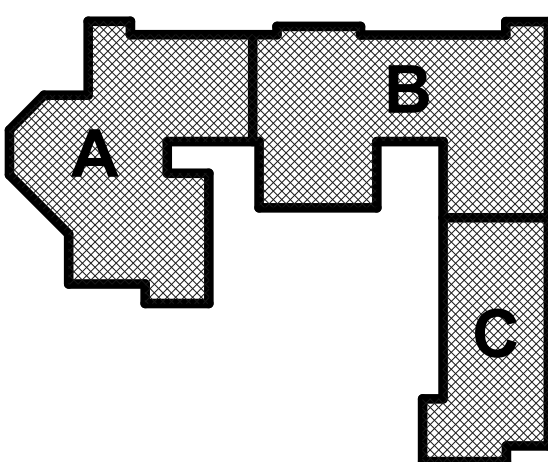
WALLS

- REMOVE ALL/PORTION OF EXISTING PLASTER WALL AND ASSOCIATED FRAMING. REMOVE ANY DOORS AND ASSOCIATED FRAME AND HARDWARE.
- REMOVE EXISTING LAYER(S) AS REQUIRED TO EXPOSE STUD FRAMING OR BRICK.
- REMOVE WALL HUNG FIXTURES, TOILET ACCESSORIES, MIRRORS AND ASSOCIATED PARTITIONS.
- REMOVE CASEWORK/CABINETS. OWNER TO REMOVE APPLIANCES
- REMOVE BOTTOM 4'-0" OF LAMINATED GYP BD
- REMOVE EXISTING WINDOW TREATMENTS INCLUDING HARDWARE. COORDINATE WITH NEW CONSTRUCTION.
- REMOVE EXISTING ROOM SIGNAGE.
- REMOVE EXISTING ALUMINUM OR HOLLOW METAL FRAME DOOR AND ALL RELATED HARDWARE

CEILINGS

- REMOVE PORTION OF EXISTING LAY-IN ACOUSTICAL TILE AND SUSPENSION SYSTEM. EXISTING HANGER WIRE MAY BE REUSED FOR NEW SUSPENSION SYSTEM.
- REMOVE EXISTING PLASTER/GYPSUM BOARD CEILINGS AND SUSPENSION SYSTEM. EXISTING HANGER WIRE MAY BE REUSED FOR NEW SUSPENSION SYSTEM

KEY PLAN



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1 720.949.1689

HOLLISANDMILLER.COM

Hollis + Miller Architects
Missouri State Certificate of Authority
Architecture # 0000161

Structural Engineer
Bob D Campbell
State Certificate of Authority #000442
4338 Bellevue Ave.
Kansas City, MO 64111
816.531.4144

Smith & Boucher
Mechanical/Electrical/Plumbing
State Certificate of Authority #EGC000178
25501 Valley Parkway, Suite 200
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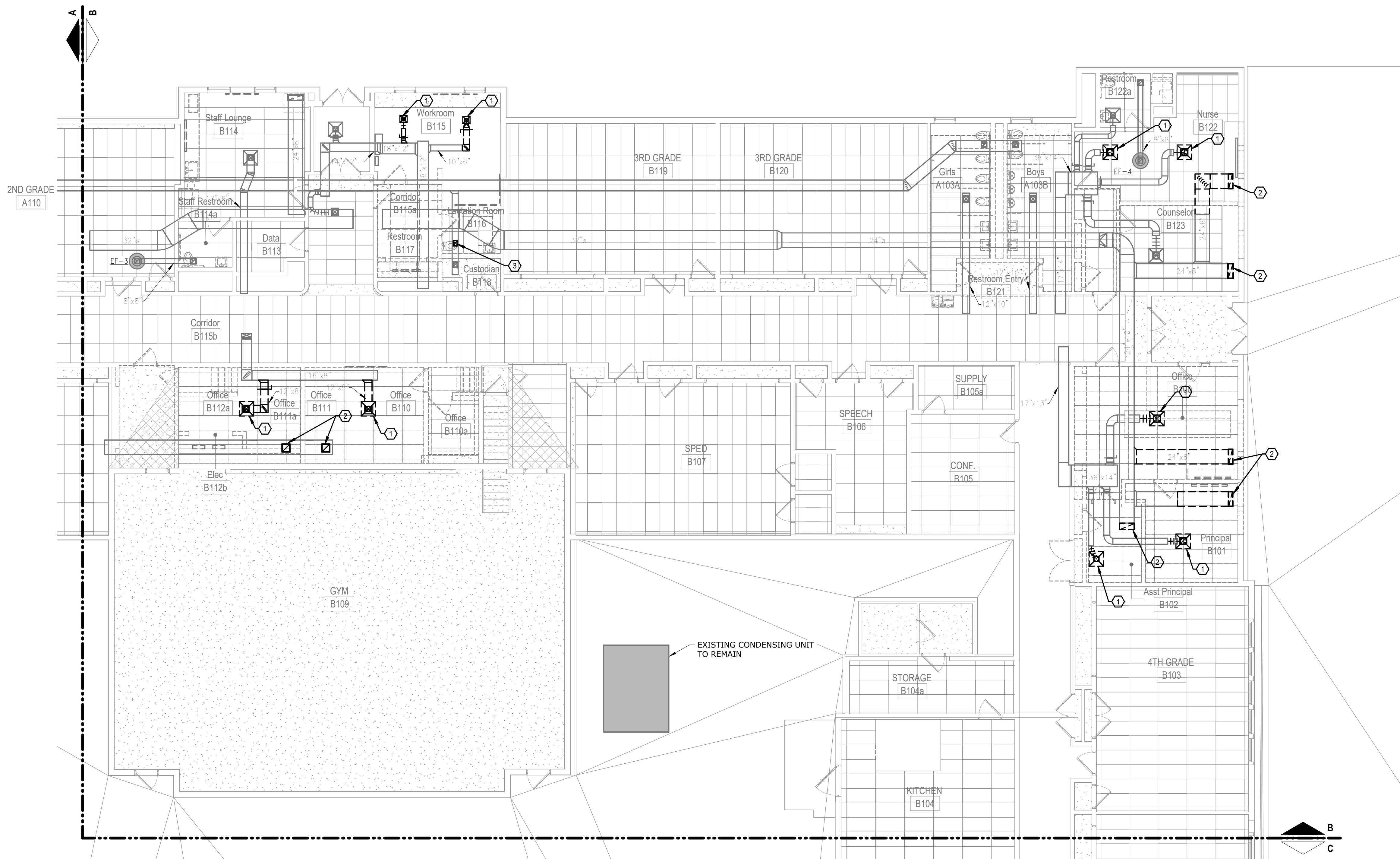
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JOB NO: 23027
DRAWN BY: NR
CHECKED BY: JB
DATE: 11.22.2023

DA101

DEMOLITION FLOOR PLAN - OVERALL - LEVEL 1

Please consider the environment before printing this.



SHEET KEYNOTE LEGEND

DEMOLITION GENERAL NOTES:

1. UNLESS OTHERWISE NOTED, SERVICES AND EQUIPMENT SHOWN WITH BOLD DASHED LINES ARE TO BE DISMANTLED. THE EXISTING EQUIPMENT TO REMAIN WITHIN THE SOLID HALF TONE LINE WEIGHT ARE TO REMAIN IN PLACE.
- EXISTING
DEMO
2. THE EXISTING CONDITIONS INDICATED ON THE DRAWINGS ARE TAKEN FROM THE BEST INFORMATION AVAILABLE AND FROM VISUAL SITE INSPECTION AND ARE NOT TO BE CONSIDERED "AS BUILT" CONDITIONS. THE INFORMATION IS PROVIDED TO ESTABLISH THE EXTENT OF THE SCOPE OF WORK. VERIFY ALL ACTUAL EXISTING CONDITIONS AT THE PROJECT SITE AND PERFORM WORK AS REQUIRED TO MEET THE EXISTING CONDITIONS AND THE EXTENT OF THE WORK INDICATED.
3. PATCH ROOFS, WALLS, CEILINGS, AND FLOORS WHERE ANY SERVICES ARE REMOVED UNLESS NOTED OTHERWISE.
4. DISCONNECT AND REMOVE ALL DUCTWORK, PIPING, WIRING, AND CONDUIT THAT BECOMES UNNECESSARY AS A RESULT OF THE REMOVAL OF EQUIPMENT INDICATED TO BE REMOVED.
5. WHERE MECHANICAL AND ELECTRICAL FIXTURES OR EQUIPMENT ARE REMOVED, CAP ALL UNUSED CONDUIT, PIPING AND PIPING BEHIND THE FLOOR LINE OR WALL LINE TO FACILITATE THE RESTORATION OF FINISH.
6. PROVIDE FOR THE CONTINUITY OF ALL REMAINING SERVICES, SYSTEMS, AND CIRCUITS. RELOCATE AND RECONNECT ANY MECHANICAL AND ELECTRICAL FACILITIES THAT MAY BE RELOCATED IN ORDER TO ACCOMPLISH THE REPAIRING SHOWN IN THE DRAWINGS OR INDICATED IN THE SPECIFICATIONS.

DEMOLITION PLAN NOTES:

- ① DISCONNECT AND REMOVE EXISTING SUPPLY DIFFUSER AND ASSOCIATED BRANCH DUCT.
- ② DISCONNECT AND REMOVE EXISTING RETURN GRILLE.
- ③ DISCONNECT AND REMOVE EXISTING EXHAUST GRILLE AND ASSOCIATED BRANCH DUCT.

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1828 Walnut Street Suite 922
Kansas City, MO 64108
T 816.442.7700

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Castle Rock, CO 80104
T 720.949.1689

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Architecture # 000181

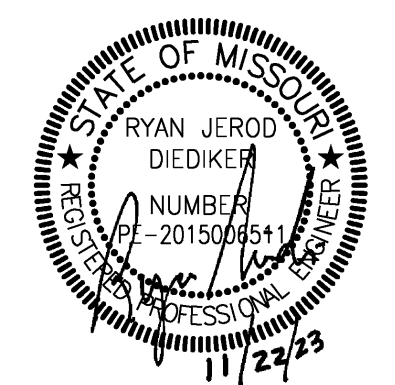
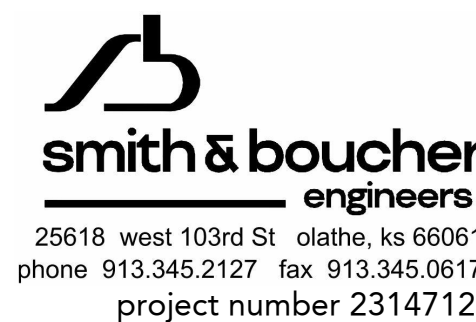
Structural Engineer
Bob D Campbell
State Certificate of Authority #000442
4338 Belleview Ave
Kansas City, MO 64111
816.531.4144

Smith & Boucher
Mechanical/Electrical/Plumbing
State Certificate of Authority #EGC000178
25618 West 103rd St
Olathe, KS 66061
913.345.2127 phone

100% CONSTRUCTION DOCUMENTS

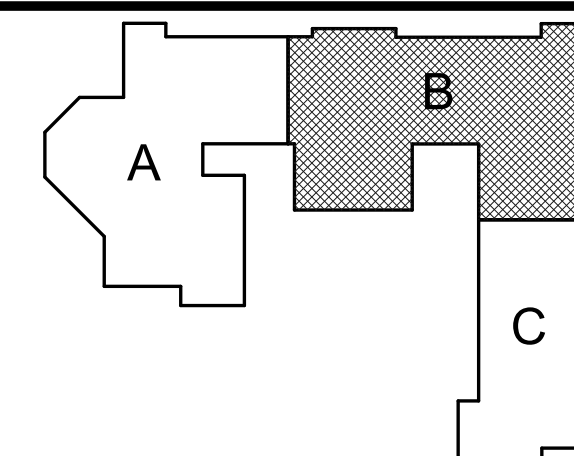
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REVISIONS:		
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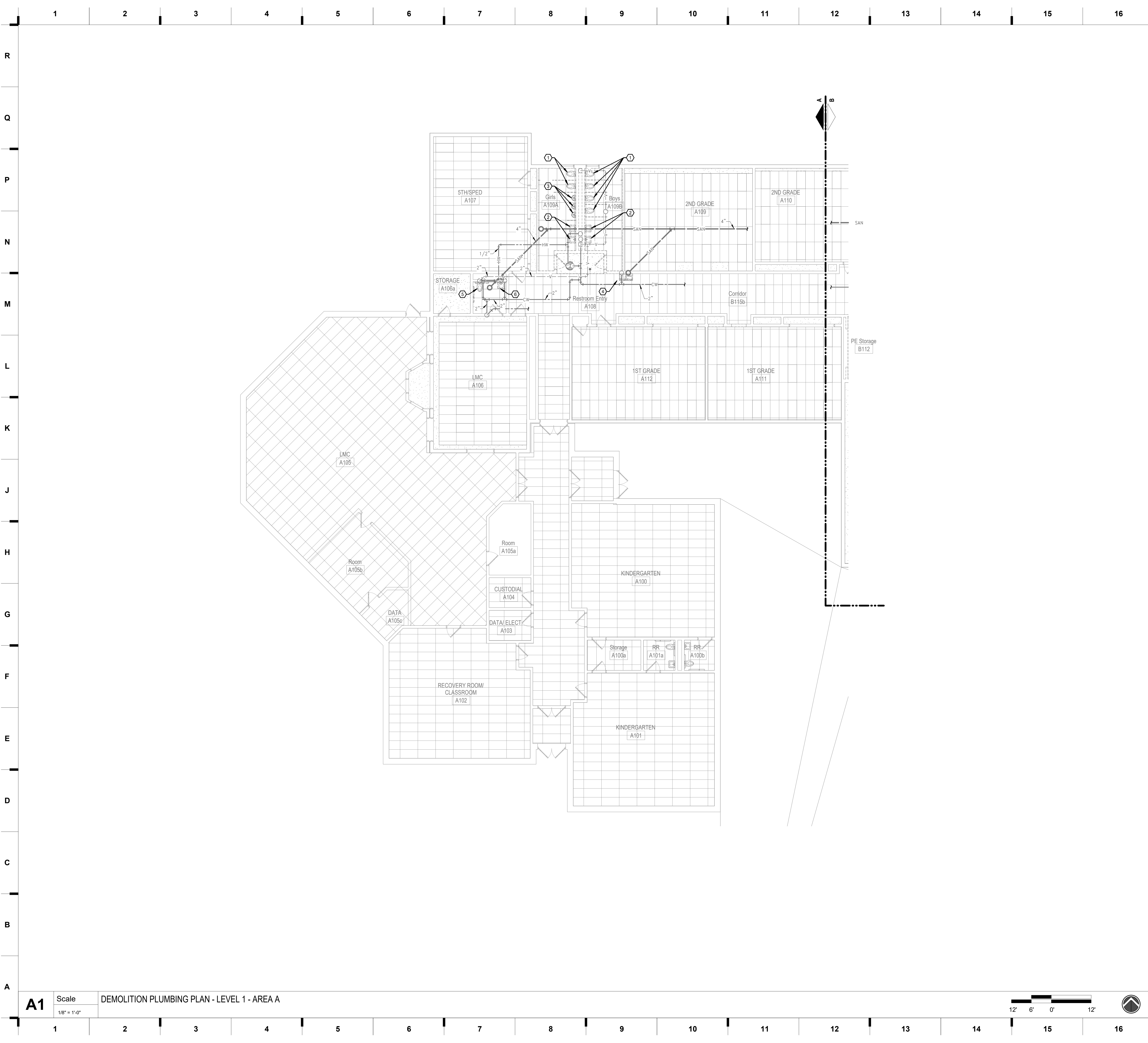
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DRAWN BY: SB
CHECKED BY: RJB
DATE: 11.10.202

DM101B

KEY PLAN

DEMOLITION HVAC PLAN - LEVEL 1 - AREA B



SHEET KEYNOTE LEGEND

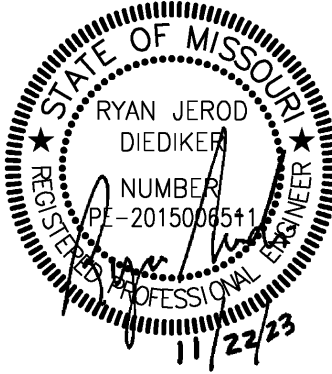
DEMOLITION GENERAL NOTES:

- UNLESS OTHERWISE NOTED, SERVICES AND EQUIPMENT SHOWN WITH BOLD DASHED LINES ARE TO BE DEMOLISHED. SERVICES AND EQUIPMENT SHOWN WITH SOLID HALF TONE LINE WEIGHT ARE TO REMAIN IN PLACE.
- THE EXISTING CONDITIONS INDICATED ON THE DRAWINGS ARE TAKEN FROM THE BEST INFORMATION AVAILABLE AND FROM VISUAL SITE INSPECTION AND ARE NOT TO BE CONSIDERED "AS BUILT" CONDITIONS. THE INFORMATION SHOWN IS TO ESTABLISH THE EXTENT OF THE SCOPE OF WORK. VERIFY ALL ACTUAL EXISTING CONDITIONS AT THE PROJECT SITE AND PERFORM WORK AS REQUIRED TO MEET THE EXISTING CONDITIONS AND THE EXTENT OF THE WORK INDICATED.
- PATCH ROOFS, WALLS, CEILINGS, AND FLOORS WHERE ANY SERVICES ARE REMOVED UNLESS NOTED OTHERWISE.
- DISCONNECT AND REMOVE ALL DUCTWORK, PIPING, WIRING, AND CONDUIT THAT BECOMES UNNECESSARY AS A RESULT OF THE REMOVAL OF EQUIPMENT INDICATED TO BE REMOVED.
- WHERE MECHANICAL AND ELECTRICAL FIXTURES OR EQUIPMENT ARE REMOVED, CAP ALL UNUSED CONDUIT, WIRING, AND PIPING BEHIND THE FLOOR LINE OR WALL LINE TO FACILITATE THE RESTORATION OF FINISH.
- PROVIDE FOR THE CONTINUITY OF ALL REMAINING SERVICES, SYSTEMS, AND CIRCUITS. RELOCATE AND RECONNECT ANY MECHANICAL AND ELECTRICAL FACILITIES THAT MUST BE RELOCATED IN ORDER TO ACCOMPLISH THE REMODELING SHOWN IN THE DRAWINGS OR INDICATED IN THE SPECIFICATIONS.

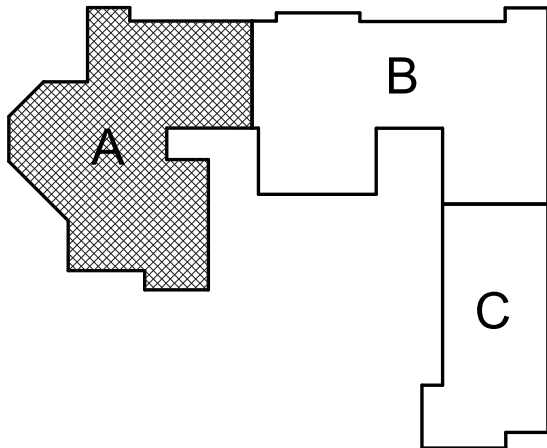
PLAN NOTES:

- DISCONNECT AND REMOVE EXISTING WATER CLOSET AND ASSOCIATED BRANCH PIPING AND ASSOCIATED CARRIER. PREPARE EXISTING PIPING IN CHASE FOR INSTALLATION OF NEW FIXTURES.
- DISCONNECT AND REMOVE EXISTING LAVATORY AND ASSOCIATED BRANCH PIPING. PREPARE EXISTING PIPING IN CHASE FOR INSTALLATION OF NEW FIXTURES.
- DISCONNECT AND REMOVE EXISTING URINAL AND ASSOCIATED BRANCH PIPING AND ASSOCIATED CARRIER. PREPARE EXISTING PIPING IN CHASE FOR INSTALLATION OF NEW FIXTURES.
- DISCONNECT AND REMOVE EXISTING DRINKING FOUNTAIN. PREPARE EXISTING PIPING FOR INSTALLATION OF NEW DRINKING FOUNTAIN IN SAME LOCATION.
- DISCONNECT AND REMOVE EXISTING WATER CLOSET. PREPARE EXISTING PIPING FOR INSTALLATION OF NEW WATER CLOSET IN SAME LOCATION.
- DISCONNECT AND REMOVE EXISTING LAVATORY. PREPARE EXISTING PIPING FOR INSTALLATION OF NEW LAVATORY IN SAME LOCATION.

smith & boucher
engineers
25618 west 103rd St. olathe, ks 66061
phone 913.345.2127 fax 913.345.0617
project number 2314712



KEY PLAN



JOB NO: 23027
DRAWN BY: SBI
CHECKED BY: RJD
DATE: 11.10.2023

DP101A

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DOCUMENTS

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HOLLISANDMILLER.COM

Holls + Miller Architects
Missouri State Certificate of Authority
Architecture # 000161
Structural Engineer
Bob D Campbell
State Certificate of Authority #000442
4338 Belleview Ave.
Kansas City, MO 64111
816.531.4144

Smith & Boucher
Mechanical/Electrical/Plumbing
State Certificate of Authority #EGC000178
25618 West 103rd St
Olathe, KS 66061
913.345.2127 phone

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A

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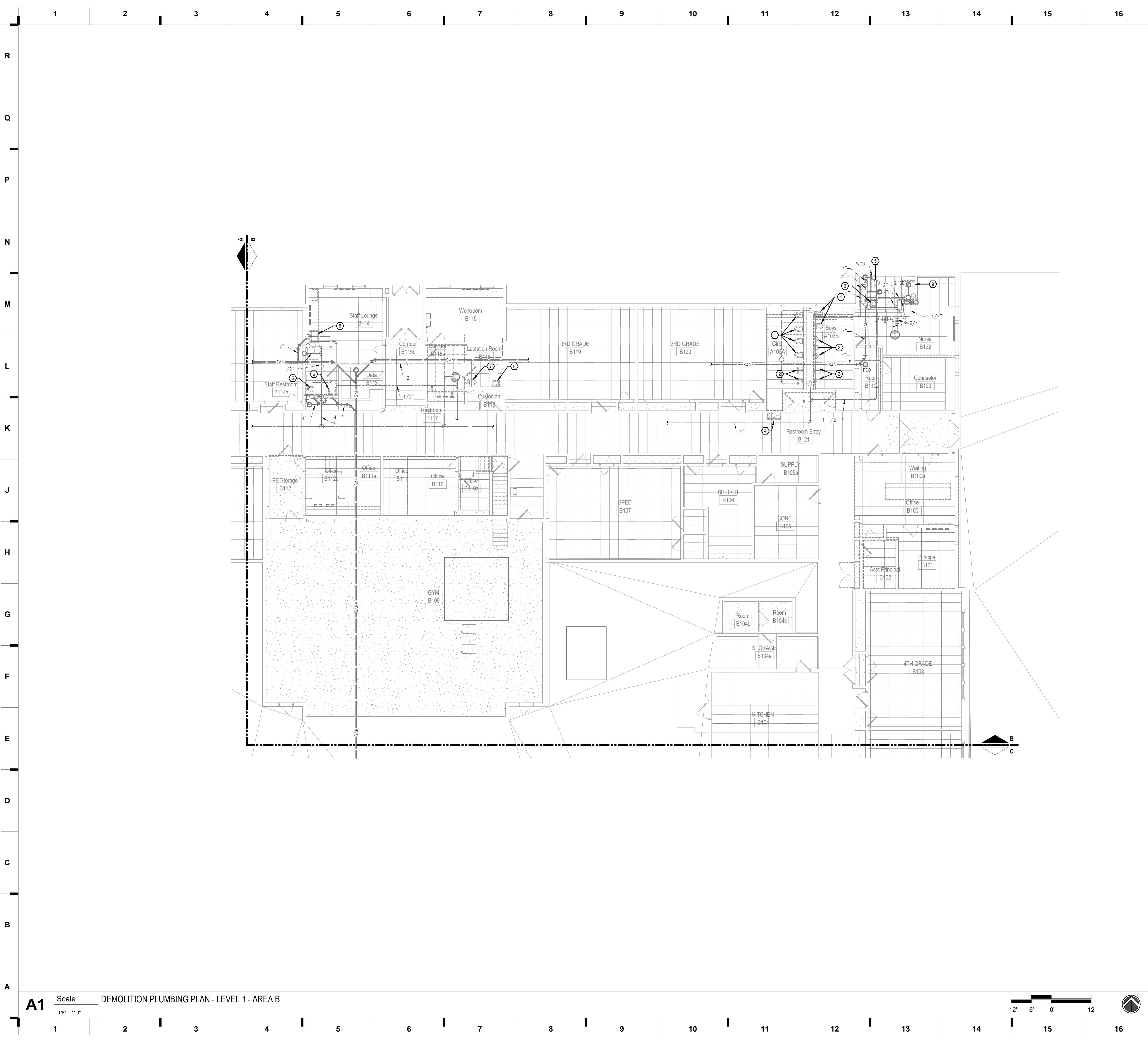
M

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R



SHEET KEYNOTE LEGEND

DEMOLITION GENERAL NOTES:
1. REFER TO SHEET DP101A FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

- 1 DISCONNECT AND REMOVE EXISTING WATER CLOSET AND ASSOCIATED BRANCH PIPING AND ASSOCIATED CARRIER. PREPARE EXISTING PIPING IN CHASE FOR INSTALLATION OF NEW FIXTURES.
- 2 DISCONNECT AND REMOVE EXISTING LAVATORY AND ASSOCIATED BRANCH PIPING. PREPARE EXISTING PIPING IN CHASE FOR INSTALLATION OF NEW FIXTURES.
- 3 DISCONNECT AND REMOVE EXISTING URINAL AND ASSOCIATED BRANCH PIPING AND ASSOCIATED CARRIER. PREPARE EXISTING PIPING IN CHASE FOR INSTALLATION OF NEW FIXTURES.
- 4 DISCONNECT AND REMOVE EXISTING DRINKING FOUNTAIN. PREPARE EXISTING PIPING FOR INSTALLATION OF NEW DRINKING FOUNTAIN IN SAME LOCATION.
- 5 DISCONNECT AND REMOVE EXISTING WATER CLOSET. PREPARE EXISTING PIPING FOR INSTALLATION OF NEW WATER CLOSET IN SAME LOCATION.
- 6 DISCONNECT AND REMOVE EXISTING LAVATORY/SINK. PREPARE EXISTING PIPING FOR INSTALLATION OF NEW LAVATORY/SINK IN SAME LOCATION.
- 7 DISCONNECT AND REMOVE EXISTING WATER CLOSET AND ASSOCIATED BRANCH PIPING. CAP WATER AND VENT PIPING AT MAINS AND CAP SANITARY PIPE BELOW FINISHED FLOOR.
- 8 DISCONNECT AND REMOVE EXISTING LAVATORY AND ASSOCIATED BRANCH PIPING. CAP WATER AND VENT PIPING AT MAINS AND CAP SANITARY PIPE BELOW FINISHED FLOOR.
- 9 DISCONNECT AND REMOVE EXISTING SHOWER AND ASSOCIATED BRANCH PIPING. CAP WATER AND VENT PIPING AT MAINS AND CAP SANITARY PIPE BELOW FINISHED FLOOR.

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Hollis + Miller Architects
Missouri State Certificate of Authority
Architecture # 000261

Structural Engineer
Bob D Campbell
State Certificate of Authority #000442
4338 Belleview Ave
Kansas City, MO 64111
816.531.4144

Smith & Boucher
Mechanical/Electrical/Plumbing
State Certificate of Authority #EGC000178
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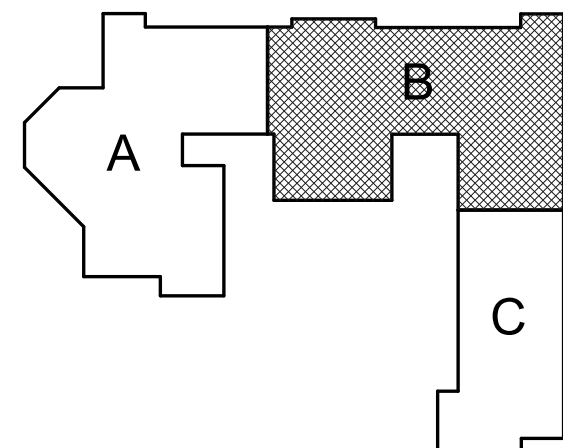
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smith & boucher engineers
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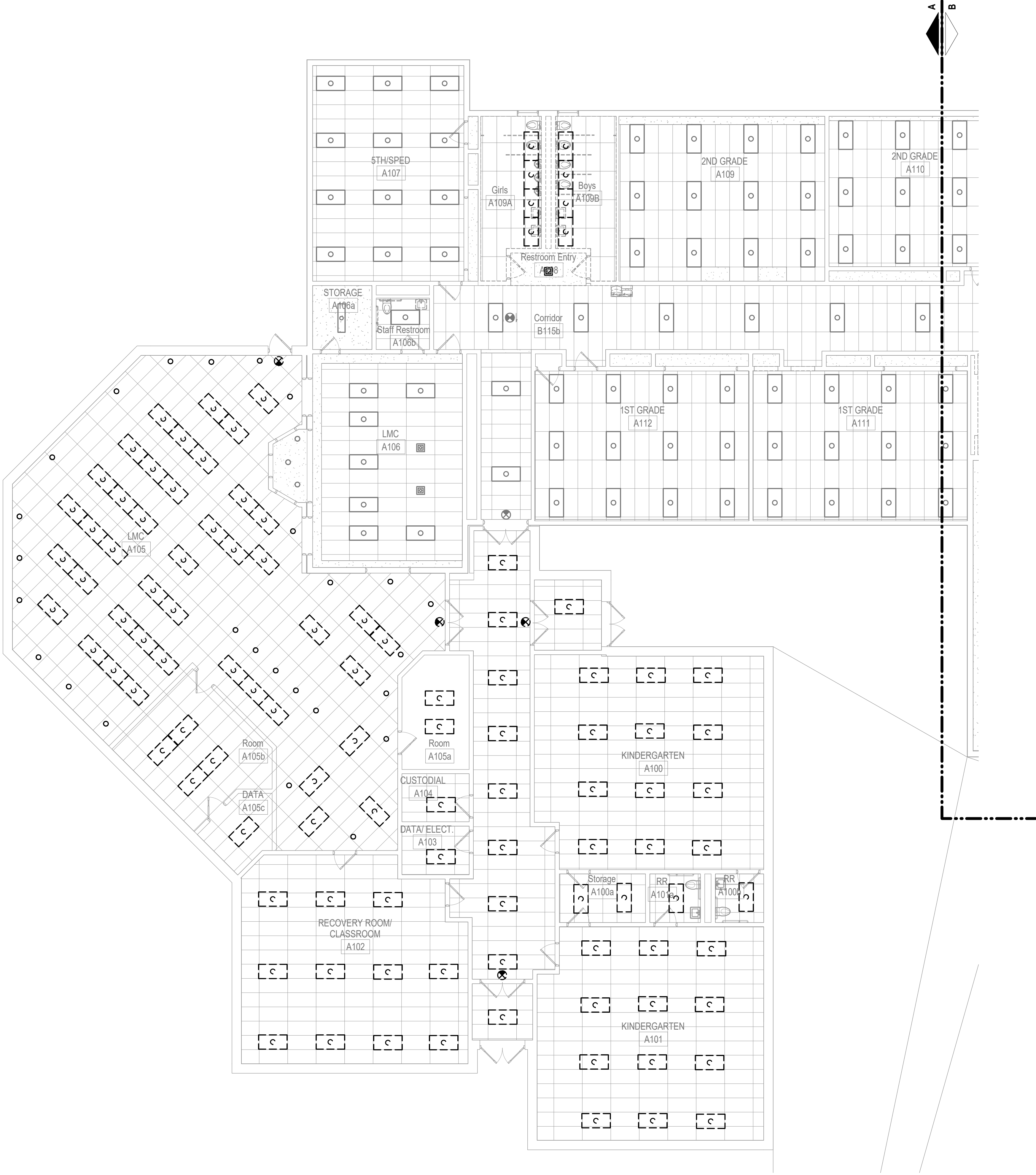
STATE OF MISSOURI
RYAN JEROD DIEDER
NUMBER 2015000178
11/23/23

KEY PLAN



JOB NO: 23027
DRAWN BY: SBI
CHECKED BY: RJD
DATE: 11.10.2023

DP101B



SHEET KEYNOTE LEGEND

DEMOLITION GENERAL NOTES:

1. DASHED LINES INDICATE ELECTRICAL FIXTURES, DEVICES OR EQUIPMENT THAT SHALL BE REMOVED. SOLID LINES REPRESENT EXISTING EQUIPMENT OR MATERIAL TO REMAIN UNLESS NOTED OTHERWISE.
2. THE EXISTING CONDITIONS INDICATED ON THE DRAWINGS ARE TAKEN FROM THE BEST INFORMATION AVAILABLE AND FROM VISUAL SITE INSPECTIONS AND ARE NOT TO BE CONSTRUED AS "AS-BUILT" CONDITIONS. THE INFORMATION IS SHOWN TO HELP ESTABLISH THE EXTENT OF THE NEW WORK. VERIFY ALL ACTUAL EXISTING CONDITIONS AT THE PROJECT SITE AND PERFORM THE WORK AS REQUIRED TO MEET EXISTING EXISTING CONDITIONS AND THE EXTENT OF THE NEW WORK INDICATED.
3. VERIFY AND RESTORE THE CONTINUITY OF ALL EXISTING CIRCUITRY INDICATED TO REMAIN IN USE. WHERE REMOVAL OF EXISTING WIRING INTERRUPTS ELECTRICAL CONTINUITY OF CIRCUITS WHICH ARE TO REMAIN, FURNISH AND INSTALL ALL REQUIRED CIRCUITRY, CONDUIT, JUNCTION BOXES, ETC. TO INSURE CONTINUED ELECTRICAL CONTINUITY.
4. PATCH ROOFS, WALLS, AND CEILINGS WHERE ANY SERVICES ARE REMOVED. PATCH AND REPAIR ALL OPENINGS THAT PENETRATE FIRE RATED WALLS, FLOORS, AND CEILING USING UL APPROVED METHODS AND MATERIALS CONSISTENT WITH THE RATING OF THE SURFACE PENETRATED.
5. WHERE MECHANICAL AND ELECTRICAL FIXTURES OR EQUIPMENT ARE REMOVED, CAP ALL UNUSED CONDUIT, WIRING, AND PIPING BEYOND THE FLOOR LINE OR WALL LINE AND PROVIDE RESTORATION OF FINISH.

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Missouri State Certificate of Authority
Architecture # 0000161

Structural Engineer
Bob D Campbell
State Certificate of Authority #000442
4338 Bellevue Ave.
Kansas City, MO 64111
816.531.4144

Smith & Boucher
Mechanical/Electrical/Plumbing
State Certificate of Authority #EGC000178
25618 West 103rd St
Olathe, KS 66061
913.345.2127 phone

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Liberty, MO 64068

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engineers

25618 west 103rd St olathe, ks 66061
phone 913.345.2127 fax 913.345.0617
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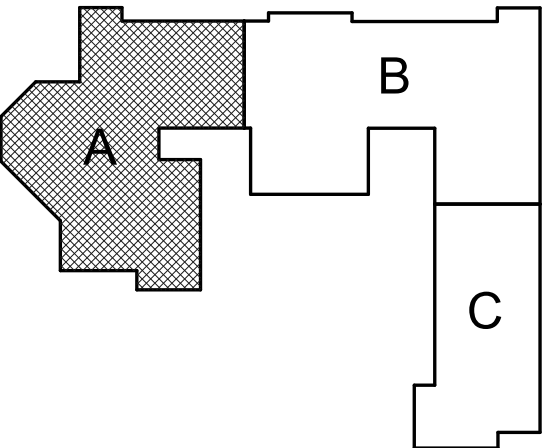


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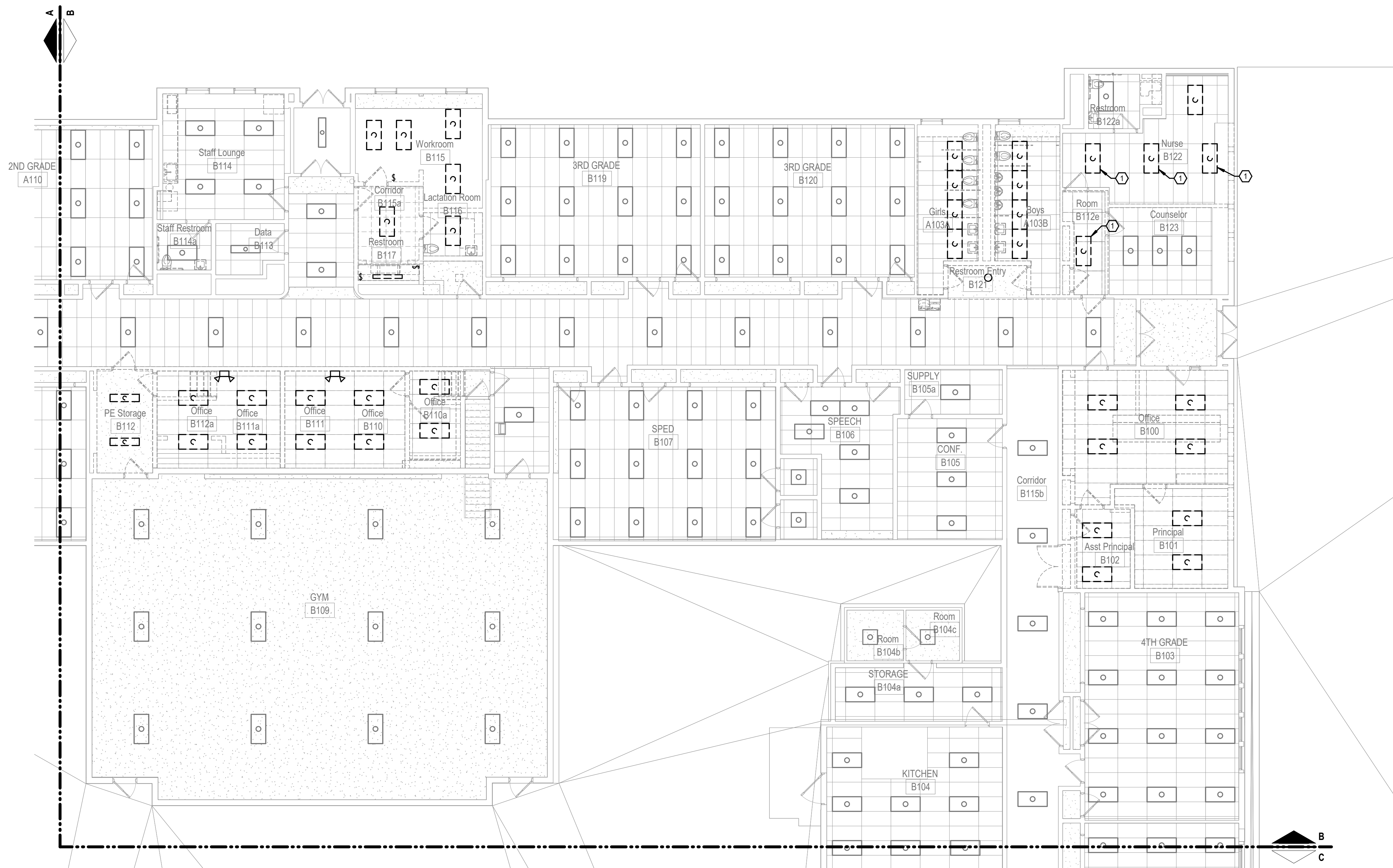
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DE101A

KEY PLAN



DEMOLITION LIGHTING PLAN - LEVEL 1 - AREA A



SHEET KEYNOTE LEGEND

DEMOLITION GENERAL NOTES:

1. REFER TO SHEET DE101A FOR ADDITIONAL INFORMATION.

DEMOLITION PLAN NOTES:

1 LED LIGHT FIXTURE TO BE SALVAGED FOR REINSTALLATION IN NEW WORK. REFER TO SHEET 101B.

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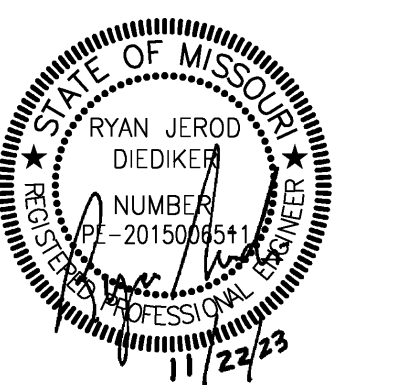
Structural Engineer
Bob D Campbell
State Certificate of Authority #000442
4338 Belleview Ave
Kansas City, MO 64111
816.531.4144

Smith & Boucher
Mechanical/Electrical/Plumbing
State Certificate of Authority #EGC000178
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Olathe, KS 66061
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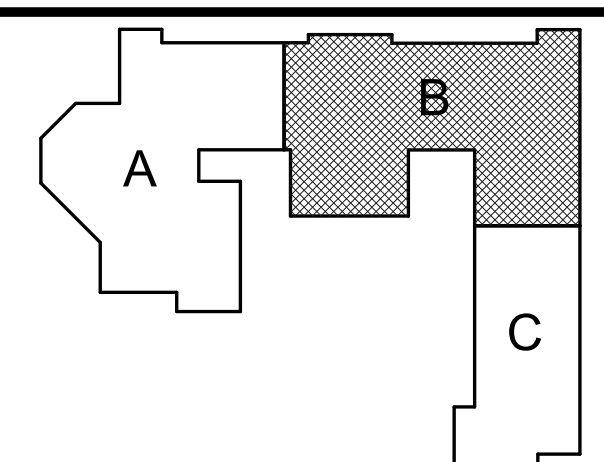
DE101B A



smith & boucher
engineers

25618 west 103rd St. olathe, ks 66061
phone 913.345.2127 fax 913.345.0617
project number 2314712

KEY PLAN



DEMOLITION LIGHTING PLAN - LEVEL 1 - AREA B

 Please consider the environment before printing this.

A1

Scale
$1/8" = 1'-0"$

DEMOLITION LIGHTING PLAN - LEVEL 1 - AREA B

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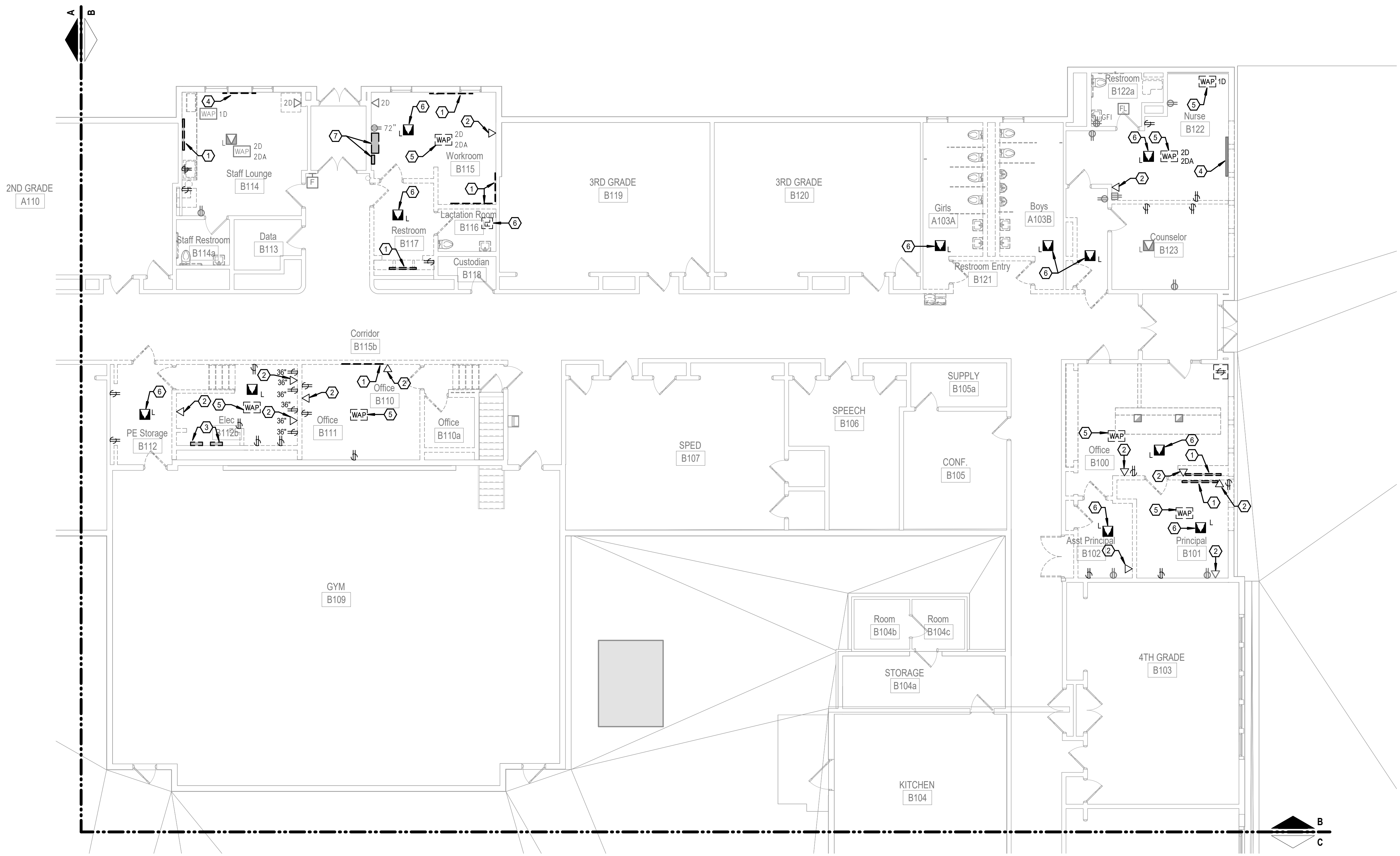
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DEMOLITION LIGHTING PLAN - LEVEL 1 - AREA B

ALL DATA CABLES TO BE PROTECTED DURING THE DEMOLITION PROCESS. CABLES TO BE REUSED IN NEW WORK.



SHEET KEYNOTE LEGEND

GENERAL DEMOLITION NOTES:

1. REFER TO DE101A FOR ADDITIONAL INFORMATION.

PLAN NOTES:

1. EXISTING RECEPTACLE PLUGMOLD SYSTEM TO BE DEMOLISHED.
2. REMOVE DATA BOX, SALVAGE EXISTING CABLES FOR RETERMINATION IN NEW BOX IN NEW WORK. TAG AND LABEL CABLE WITH PORT NUMBER. COIL CABLE ABOVE CEILING FOR REINSTALLATION. EXISTING CABLES TO BE REUSED AND RECERTIFIED. REFERENCE NEW WORK FOR ADDITIONAL INFORMATION.
3. EXISTING ELECTRICAL PANELS TO BE REMOVED AND SALVAGED. LOWER AND EXTEND ALL FEEDERS AND REVISE CIRCUITS TO ENSURE CONTINUITY OF ALL EXISTING ELECTRICAL CIRCUITS.
4. EXISTING RECEPTACLE PLUG MOLD SYSTEM TO REMAIN.
5. EXISTING WIRELESS ACCESS POINT TO BE REMOVED FOR CEILING DEMOLITION. SALVAGE AND REINSTALL. REFER TO SHEET E201B TO ADDITIONAL INFORMATION.
6. SALVAGE AND REINSTALL FIRE ALARM DEVICE IN NEW WORK. REFER TO SHEET E201B.
7. FIRE ALARM PANEL TO BE PROTECTED AND SALVAGED FOR REUSE IN NEW WORK. REFER TO SHEET E201B.

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Missouri State Certificate of Authority
Architecture # 0001161

Structural Engineer
Bob D Campbell
State Certificate of Authority #000442
4338 Belleview Ave
Kansas City, MO 64111
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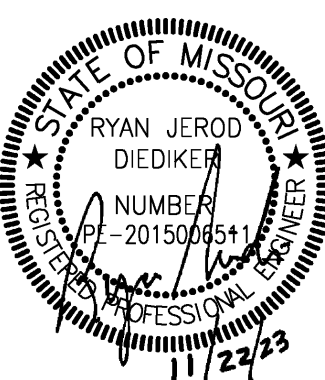
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engineers

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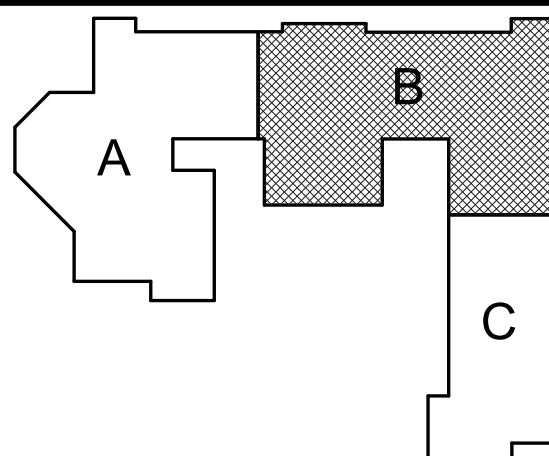


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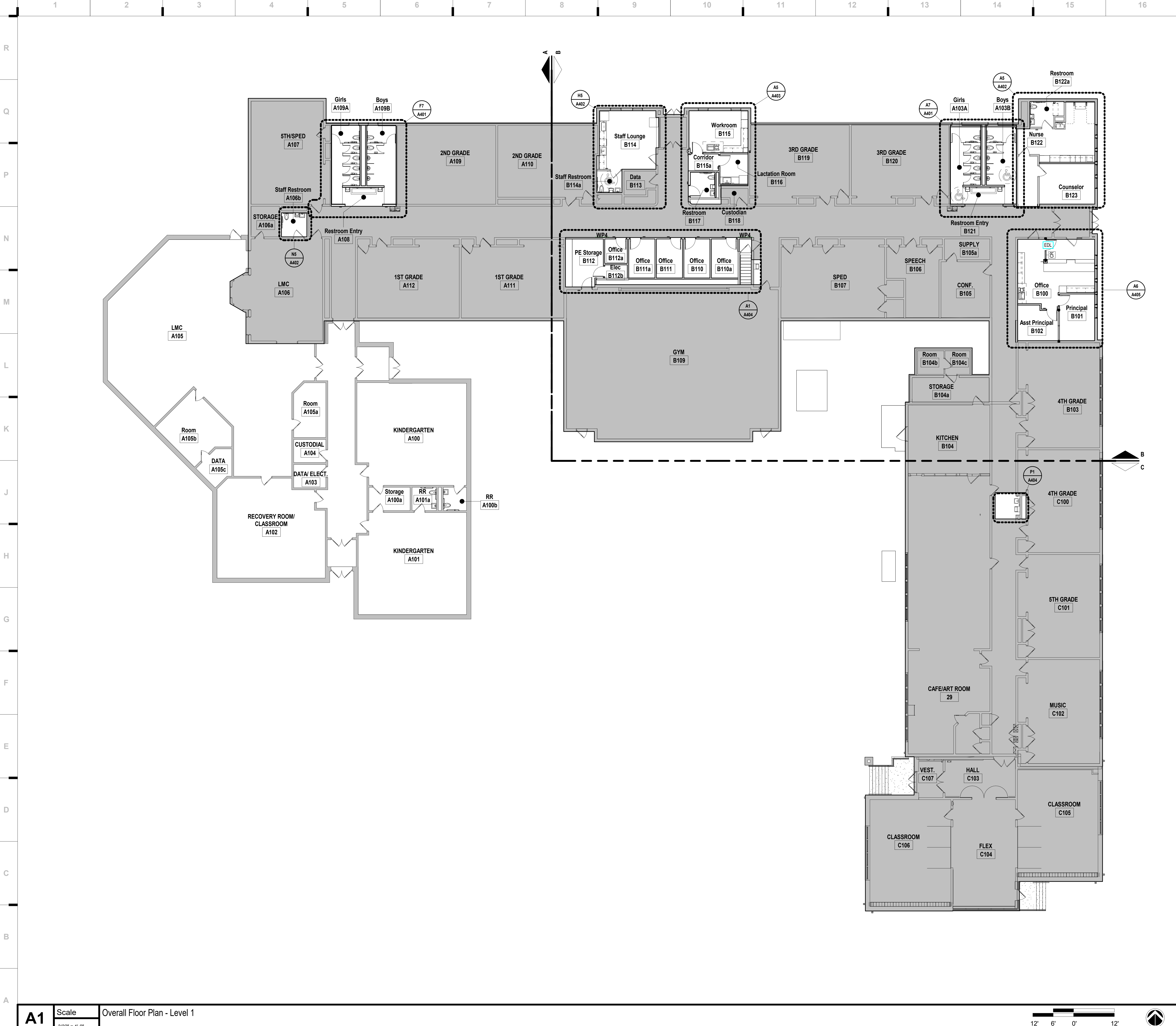
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DE201B

KEY PLAN



DEMOLITION POWER PLAN - LEVEL 1 - AREA B



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7720.949.1689
HOLLISANDMILLER.COM

Hollis + Miller Architects
Missouri State Certificate of Authority
Architecture # 0000161

Structural Engineer
Bob D Campbell
State Certificate of Authority #000442
4338 Bellevue Ave.
Kansas City, MO 64111
816.531.4144

Smith & Boucher
Mechanical/Electrical/Plumbing
State Certificate of Authority #EGC000178
25501 Valley Parkway, Suite 200
Olathe, KS 66061
913.345.2127 phone

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SHEET NOTES

- REFER TO SHEET G000 FOR SHEET INDEX
- DO NOT SCALE THIS DRAWING
- INTERIOR DIMENSIONS ARE TO THE FOLLOWING, UNLESS NOTED OTHERWISE:
 - TO FACE OF STUD
 - TO FACE OF MASONRY UNIT
 - TO FACE OF DOOR AND WINDOW ROUGH OPENINGS
 - TO FACE OF EXISTING WALL AND/OR FACE OF TILE
- REFER TO INTERIOR ELEVATIONS, THIS SHEET, FOR PLACEMENT OF ALL WALL MOUNTED/RECESSED ITEMS
- COORDINATE LOCATIONS WHERE BACKING REQUIRED FOR TOILET ACCESSORIES

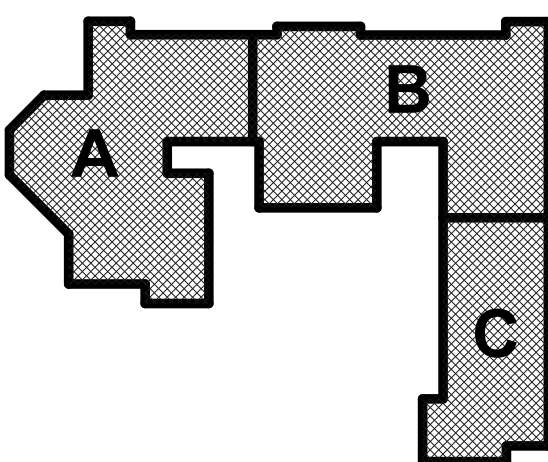


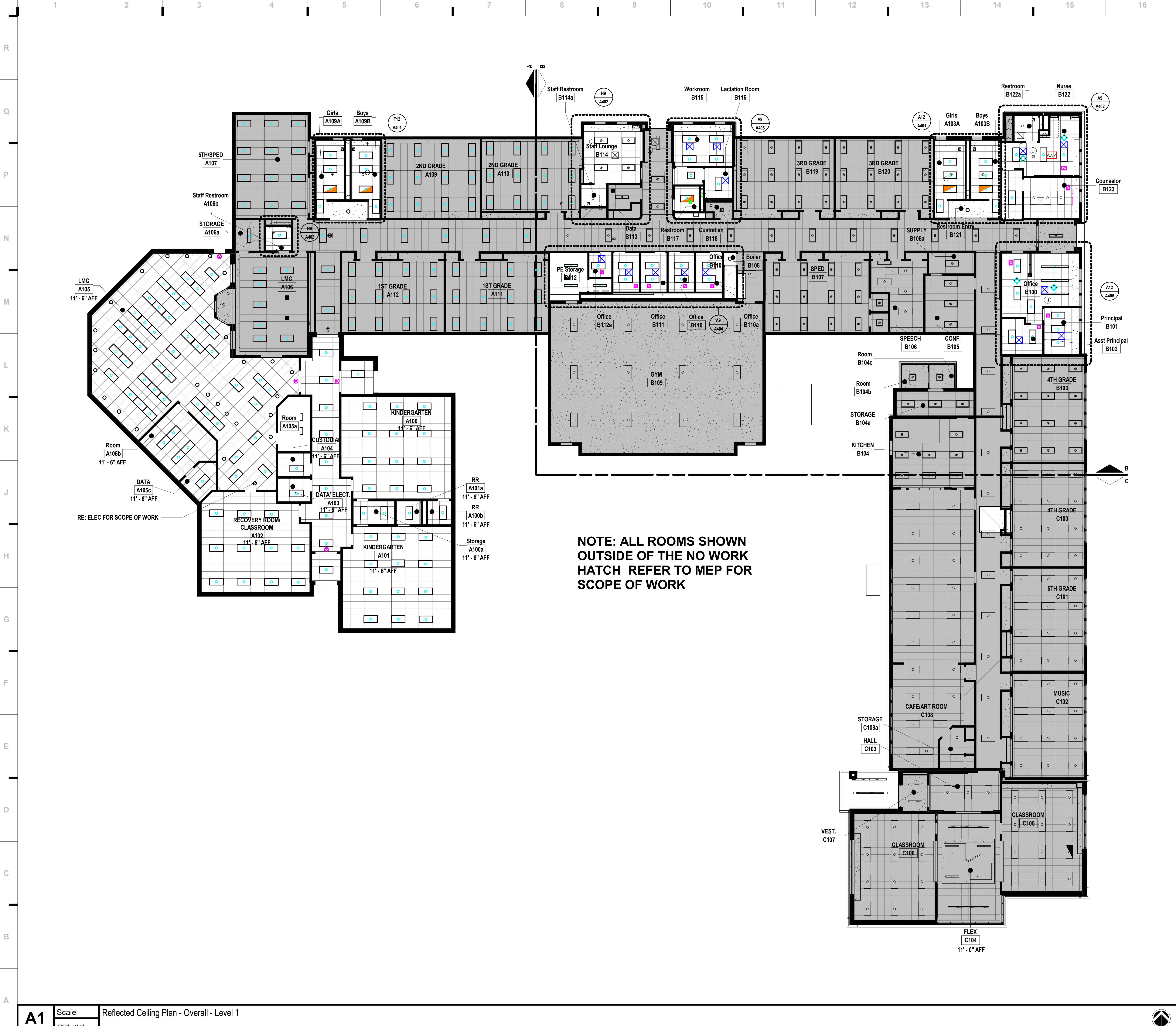
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A101

KEY PLAN





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115 Wilcox Street Suite 210
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1.720.949.1689
HOLLISANDMILLER.COM

Hollis + Miller Architects
Missouri State Certificate of Authority
Architecture # 000001

Structural Engineer
Bob D Campbell
State Certificate of Authority #000442
4338 Bellevue Ave.
Kansas City, MO 64111
816.531.4144

Smith & Boucher
Mechanical/Electrical/Plumbing
State Certificate of Authority #EGC000178
25501 Valley Parkway, Suite 200
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SHEET NOTES

- REFER TO SHEET G000 FOR SHEET INDEX
- REFER TO MEP AND TECHNOLOGY SHEETS FOR SPECIFIC CEILING MOUNTED DEVICES
- ALL ACT GRID TO BE CENTERED IN ROOM UNLESS NOTED OTHERWISE
- HALF-TONE SHADING INDICATES EXISTING CONSTRUCTION TO REMAIN

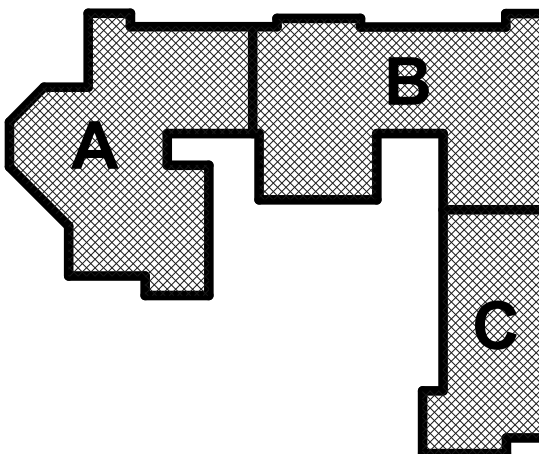


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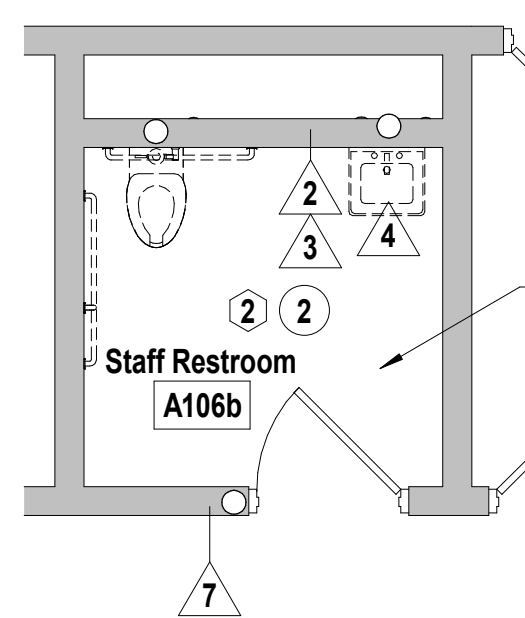
A120

KEY PLAN

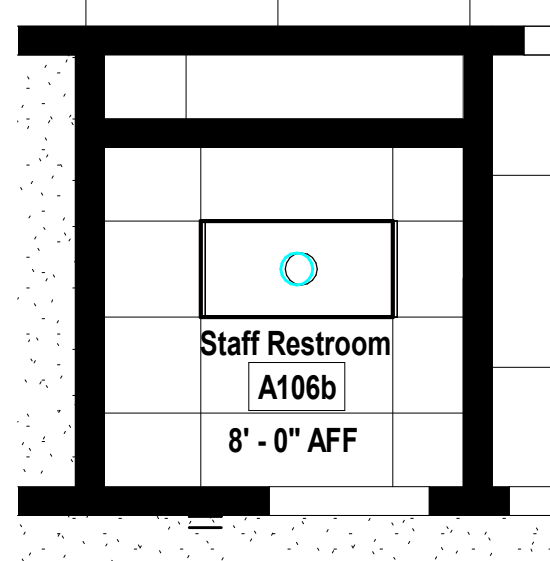
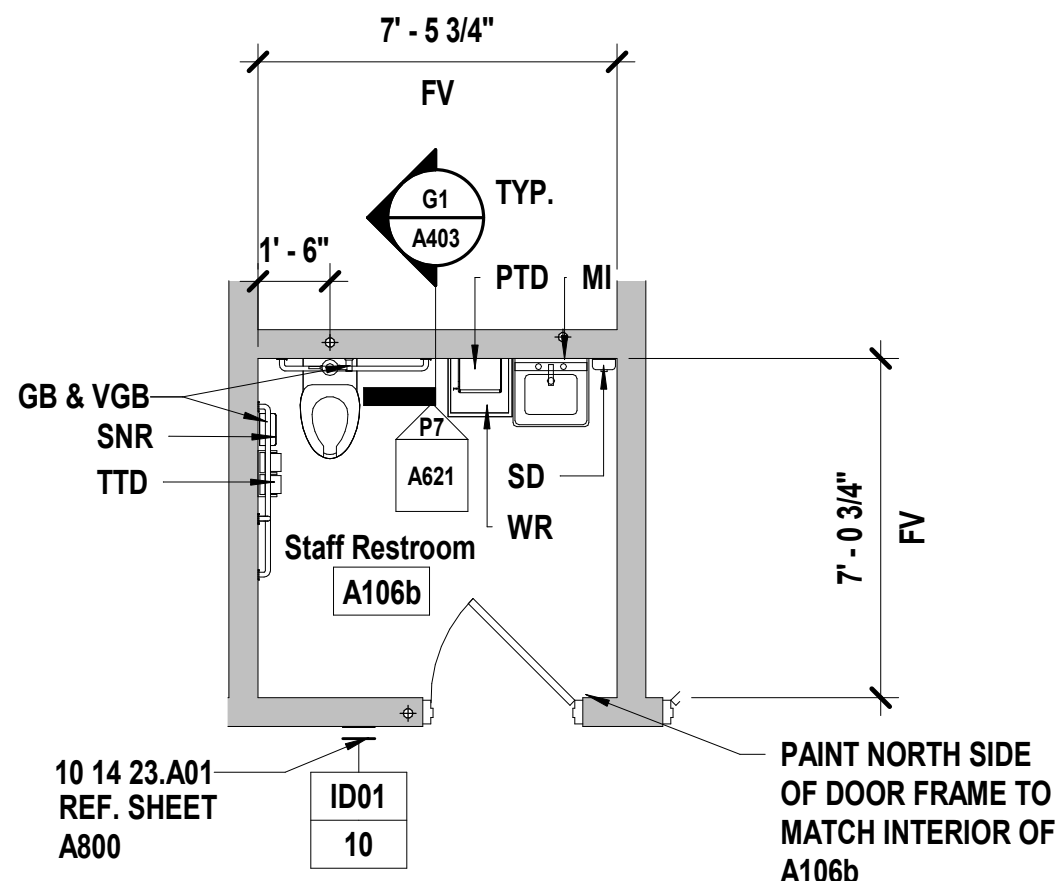


REFLECTED CEILING PLAN - OVERALL - LEVEL 1

A1 Scale Reflected Ceiling Plan - Overall - Level 1
3/32" = 1'-0"



CONTRACTOR'S OPTION
TO REMOVE AND REINSTALL
CEILING TO PREVENT DAMAGE
WHILE TILE INSTALLATION TAKES
PLACE



TOILET, BATH AND LAUNDRY ACCESSORY LEGEND

TAG	ACCESSORY	KEYNOTE	RESPONSIBILITY
TTD	TOILET TISSUE DISPENSER	10 28 00.A01	OFCI
PTD	PAPER TOWEL DISPENSER	10 28 00.A02	OFCI
WR	WASTE RECEPTACLE	10 28 00.A03	OFOI
PTDR	COMBINATION TOWEL DISPENSER / WASNOT USED	10 28 00.A04	CFCI
SD	SOAP DISPENSER	10 28 00.A05	OFCI
GB	GRAB BARS	10 28 00.A06	CFCI
VGB	VERTICAL GRAB BAR	10 28 00.A06	CFCI
SND	SANITARY NAPKIN DISPENSER NOT USED	10 28 00.A07	CFCI
SNR	SANITARY NAPKIN RECEPTOR	10 28 00.A08	CFCI
SCD	SEAT COVER DISPENSER NOT USED	10 28 00.A09	OFCI
M1	MIRROR - SINGLE	10 28 00.A10	CFCI
M2	MIRROR - DOUBLE WIDTH	10 28 00.A10	CFCI
M3	MIRROR - FULL HEIGHT	10 28 00.A10	CFCI
SC	SHOWER CURTAIN NOT USED	10 28 00.A11	CFCI
FSS	FOLDING SHOWER SEAT NOT USED	10 28 00.A12	CFCI
BSD	SOAP DISH NOT USED	10 28 00.A13	CFCI
RH	ROBE HOOK NOT USED	10 28 00.A14	CFCI
CH	COAT HOOK	10 28 00.A15	CFCI
TS	TOWEL STRIP NOT USED	10 28 00.A16	CFCI
SPT	SPECIMEN PASS-THROUGH NOT USED	10 28 00.A17	CFCI
BUG	BEDPAN AND URINAL CABINET NOT USED	10 28 00.A18	CFCI
EHD	WARM-AIR DRYER NOT USED	10 28 00.A19	CFCI
DCS	DIAPER CHANGING STATION NOT USED	10 28 00.A20	CFCI
ULG	UNDER-LAVATORY GUARD NOT USED	10 28 00.A21	CFCI
SH	UTILITY SHELF NOT USED	10 28 00.A22	CFCI
MBH	MOP AND BROOM HOLDER NOT USED	10 28 00.A23	CFCI

NOTES: TAGS ABOVE WITH A "C" PREFIX (IE CGB) DENOTE CHILD MOUNTING HEIGHTS

CF = CONTRACTOR FURNISH	OF = OWNER FURNISH
CI = CONTRACTOR INSTALL	OI = OWNER INSTALL

SHEET KEYNOTE LEGEND

09 29 00.A02	GYPSUM BOARD - TYPE X
10 14 23.A01	WAYFINDING PANEL SIGNAGE
10 21 23.A01	CUBICLE CURTAIN
12 21 13.A01	HORIZONTAL LOUVER BLINDS (MANUAL

GENERAL DEMOLITION NOTES

1. DEMOLITION INCLUDES THE REMOVAL OF EXISTING CONSTRUCTION WHICH CONFLICTS WITH WORK TO BE BUILT/INSTALLED IN NEW CONSTRUCTION. TRANSITIONS BETWEEN DEMOLITION AND EXISTING TO REMAIN TO BE CAREFULLY COORDINATED
2. DASHED LINES INDICATE EXISTING CONSTRUCTION TO BE DEMOLISHED/REMOVED
3. HALF-TONE SHADING INDICATES EXISTING CONSTRUCTION TO REMAIN
4. EVERY DETAIL OF THE DEMOLITION WORK MAY NOT BE COVERED ON THESE DRAWINGS, BUT THE DEMOLITION CONTRACTOR SHALL COORDINATE WITH THE GC/CM TO ENSURE ALL REQUIRED ITEMS ARE REMOVED IN ORDER FOR NEW WORK TO BE COMPLETED
5. IN AREAS SCHEDULED FOR DEMOLITION, ALL ACCESSORIES ATTACHED TO THE CEILINGS, FLOOR AND WALLS ARE TO BE REMOVED, INCLUDING BRACKETS, SCREWS, SIGNAGE, SURFACE MOUNTED ELECTRICAL AND TECHNOLOGY, REMOVE ALL WINDOW COVERINGS, MINI-BLINDS, ROLLER SHADES AND ALL BRACKETS
6. THE OWNER WILL IDENTIFY ALL ITEMS TO BE SALVAGED PRIOR TO DEMOLITION STARTING. CONTRACTOR SHALL SALVAGE AND TURN OVER TO THE OWNER ALL EQUIPMENT IDENTIFIED. ALL REMAINING ITEMS SHALL BE REMOVED BY THE DEMOLITION CONTRACTOR
7. DO NOT DISTURB SOIL UNDER EXISTING FOOTINGS AND/OR FLOOR SLABS NOT TO REMAIN
8. COORDINATE THE REMOVAL OF ALL PORTIONS OF LOAD BEARING ELEMENTS WITH THE STRUCTURAL ENGINEER PRIOR TO REMOVAL. PROVIDE TEMPORARY SHORING AS REQUIRED
9. REFER TO MEP DEMOLITION SHEETS FOR EXISTING MECHANICAL, ELECTRICAL AND PLUMBING TO BE REMOVED

DEMOLITION NOTES

FLOORS & BASE

- ① REMOVE EXISTING QUARRY / CERAMIC TILE AND BASE, INCLUDING EXISTING BED TO EXPOSE EXISTING CONCRETE SLAB
- ② REMOVE EXISTING STRIP VINYL AND BASE INCLUDING ADHESIVE TO 4" - 0" AFF
- ③ REMOVE EXISTING VCT AND ADHESIVE
- ④ REMOVE EXISTING CONCRETE SLAB AS REQUIRED FOR UNDER SLAB MECHANICAL, ELECTRICAL AND PLUMBING WORK. SAW CUT CONCRETE PRIOR TO REMOVAL. DO NOT SAW CUT INTO EXISTING FOUNDATIONS OR OTHER STRUCTURAL MEMBERS. COORDINATE WITH MEP SERVICES FOR NEW WORK AND CAPPING OF ABANDONED SERVICES
- ⑤ REMOVE EXISTING CARPET AND ANY ASSOCIATED TACK STRIPS OR ADHESIVES

WALLS

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2. REMOVE EXISTING LAYER(S) AS REQUIRED TO EXPOSE STUD FRAMING OR BRICK.
3. REMOVE WALL HUNG FIXTURES, TOILET ACCESSORIES, MIRRORS AND ASSOCIATED PARTITIONS.
4. REMOVE CASEWORK/CABINETRY. OWNER TO REMOVE APPLIANCES
5. REMOVE BOTTOM 4'-0" OF LAMINATED GYP BD
6. REMOVE EXISTING WINDOW TREATMENTS INCLUDING HARDWARE. COORDINATE WITH NEW CONSTRUCTION.
7. REMOVE EXISTING ROOM SIGNAGE.
8. REMOVE EXISTING ALUMINUM OR HOLLOW METAL FRAME DOOR AND ALL RELATED HARDWARE

CEILINGS

- ① REMOVE PORTION OF EXISTING LAY-IN ACOUSTICAL TILE AND SUSPENSION SYSTEM. EXISTING HANGER WIRE MAY BE REUSED FOR NEW SUSPENSION SYSTEM.
- ② REMOVE EXISTING PLASTER/GYPSUM BOARD CEILINGS AND SUSPENSION SYSTEM. EXISTING HANGER WIRE MAY BE REUSED FOR NEW SUSPENSION SYSTEM

SHEET NOTES

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 - B. TO FACE OF MASONRY UNIT
 - C. TO FACE OF DOOR AND WINDOW ROUGH OPENINGS
 - D. TO FACE OF EXISTING WALL AND/OR FACE OF TILE
4. REFER TO INTERIOR ELEVATIONS, THIS SHEET, FOR PLACEMENT OF ALL WALL MOUNTED/RECESSED ITEMS
5. COORDINATE LOCATIONS WHERE BACKING REQUIRED FOR TOILET ACCESSORIES



F13	Scale	Nurse Demo 1
	$3/8" = 1'-0"$	



A13	Scale	Nurse Demo 2
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1828 Walnut Street Suite 922
Kansas City, MO 64108
T 816.442.7700

115 Wilcox Street Suite 210
Castle Rock, CO 80104
T 720.949.1689

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Hollis + Miller Architects
Missouri State Certificate of Authority
Architecture # 0000161

Structural Engineer
Bob D Campbell
State Certificate of Authority #000442
4338 Belleview Ave
Kansas City, MO 64111
816.531.4144

Smith & Boucher
Mechanical/Electrical/Plumbing
State Certificate of Authority #EGC000178
25501 Valley Parkway, Suite 200
Olathe, KS 66061
913.345.2127 phone

**CONSTRUCTION
DOCUMENTS**

Franklin Elementary School
Liberty Public Schools

Liberty Public Schools

201 W Mill St.
Liberty, MO 64068

REVISIONS:		
#	Description	Date



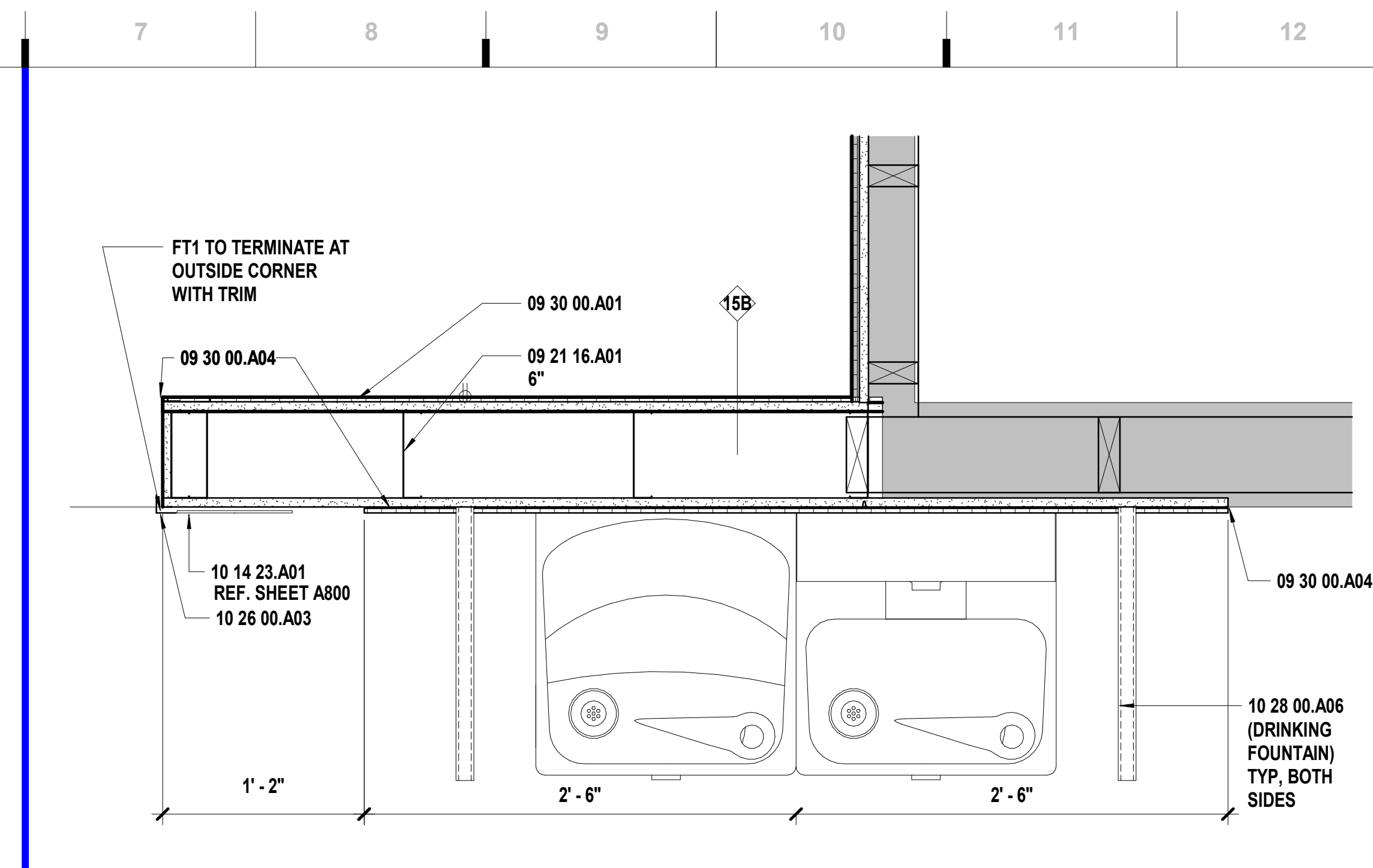
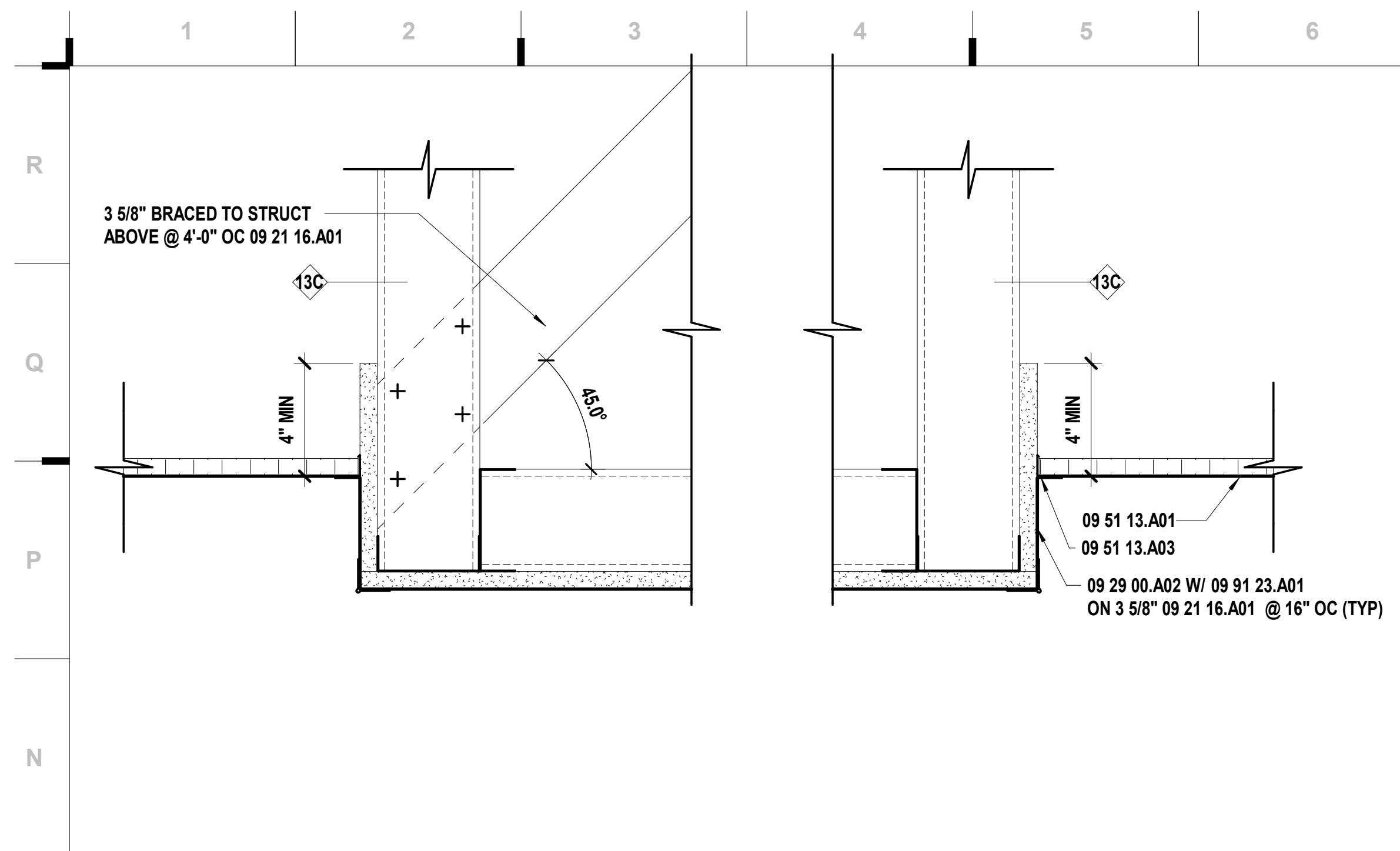
NOVEMBER 22, 2023

JOB NO: 23027
DRAWN BY: RO
CHECKED BY: JB
DATE: 11.22.2023

A402

ENLARGED PLANS & DETAILS

 Please consider the environment before printing this document.

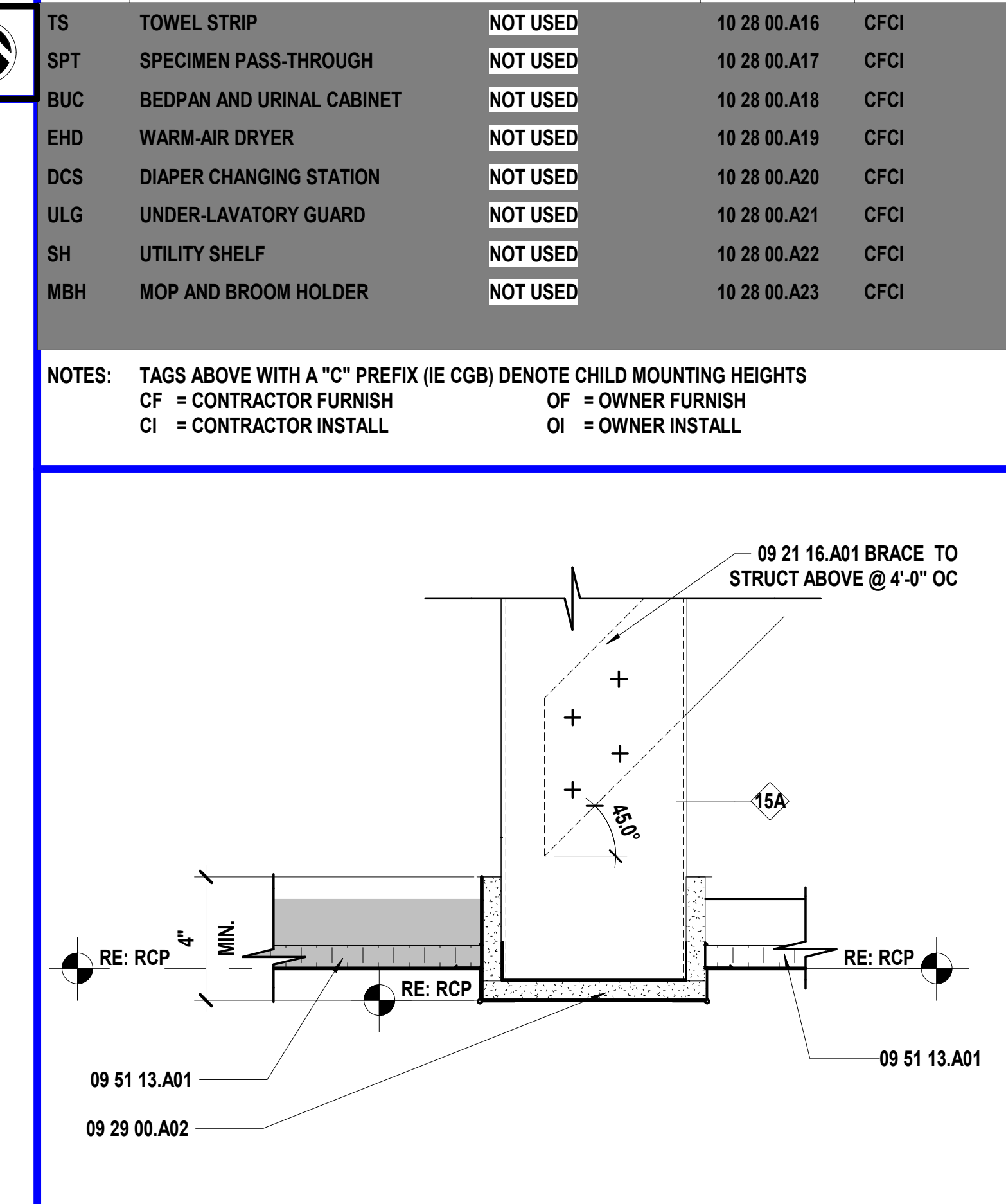
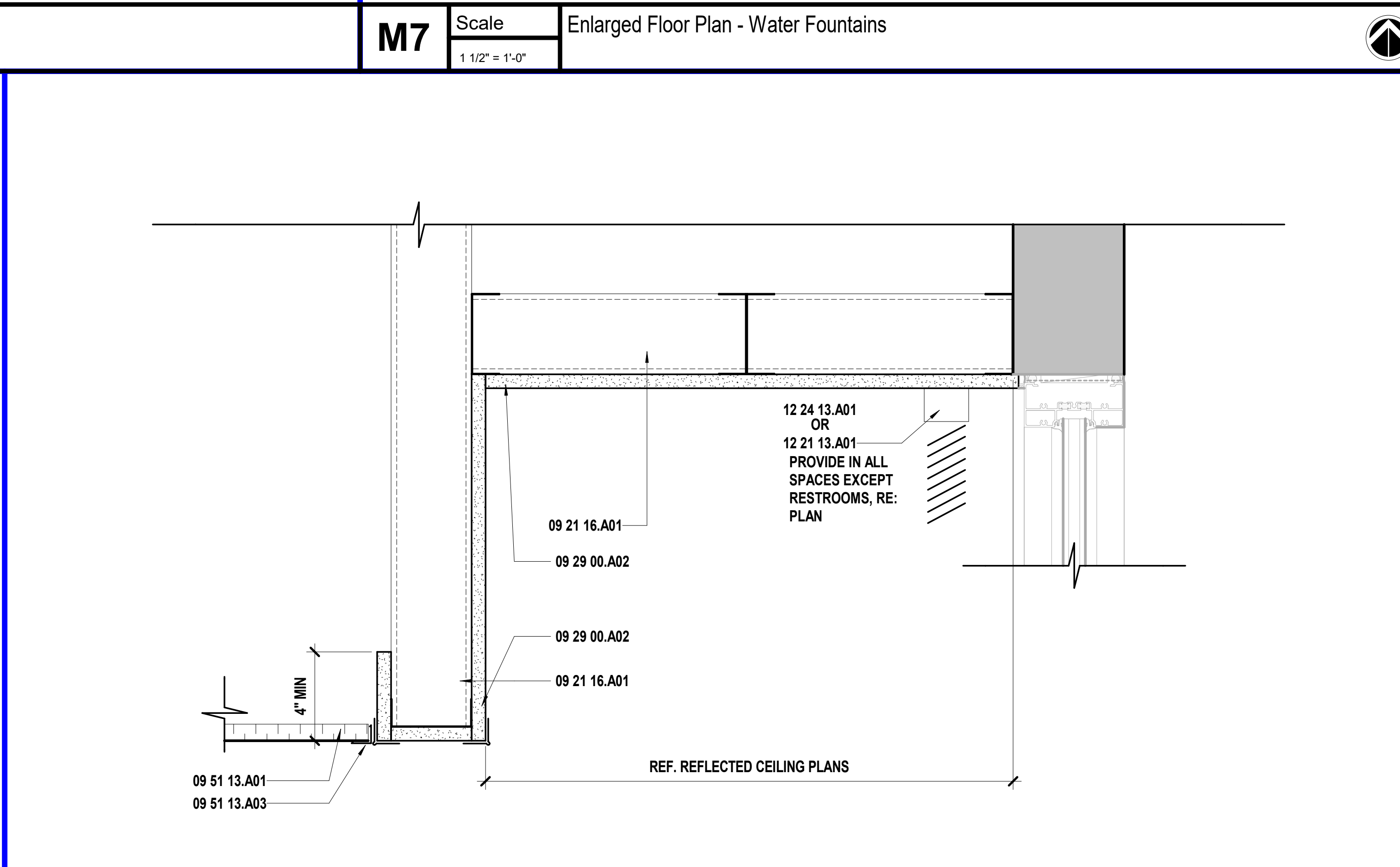
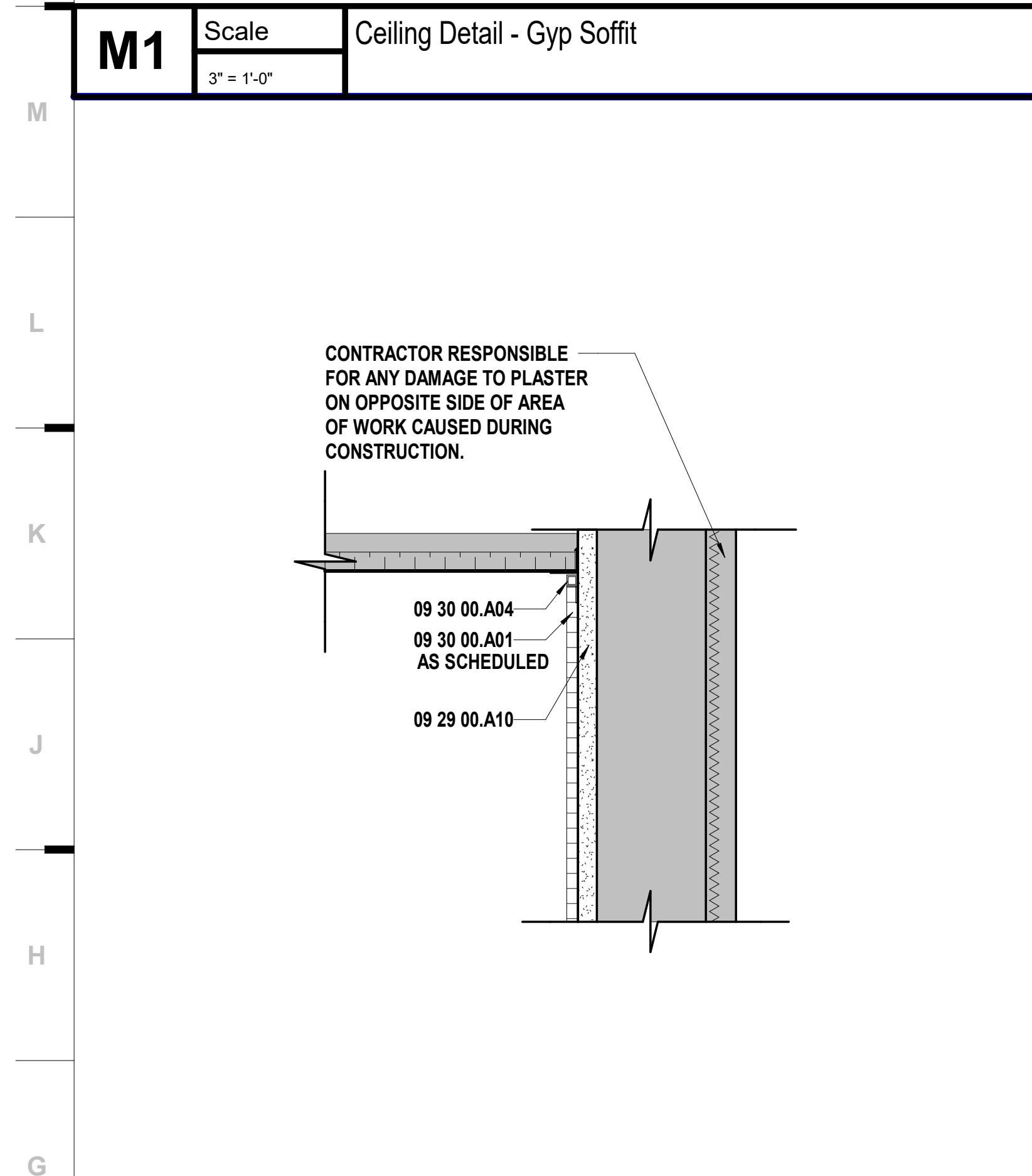


13	14	15	16
TOILET, BATH AND LAUNDRY ACCESSORY LEGEND			
TAG	ACCESSORY	KEYNOTE	RESPONSIBILITY
TTD	TOILET TISSUE DISPENSER	10 28 00.A01	OFCI
PTD	PAPER TOWEL DISPENSER	10 28 00.A02	OFCI
WR	WASTE RECEPTACLE	10 28 00.A03	OFOI
PTDR	COMBINATION TOWEL DISPENSER / WASTE RECEPTACLE	10 28 00.A04	CFCI
SD	SOAP DISPENSER	10 28 00.A05	OFCI
GB	GRAB BARS	10 28 00.A06	CFCI
VGB	VERTICAL GRAB BAR	10 28 00.A06	CFCI
SND	SANITARY NAPKIN DISPENSER	NOT USED	CFCI
SNR	SANITARY NAPKIN RECEPTOR	10 28 00.A08	CFCI
SCD	SEAT COVER DISPENSER	NOT USED	OFCI
M1	MIRROR - SINGLE	10 28 00.A10	CFCI
M2	MIRROR - DOUBLE WIDTH	10 28 00.A10	CFCI
M3	MIRROR - FULL HEIGHT	10 28 00.A10	CFCI
SC	SHOWER CURTAIN	NOT USED	CFCI
FSS	FOLDING SHOWER SEAT	NOT USED	CFCI
BSD	SOAP DISH	NOT USED	CFCI
RH	ROBE HOOK	NOT USED	CFCI
CH	COAT HOOK	10 28 00.A15	CFCI
TS	TOWEL STRIP	NOT USED	CFCI
SPT	SPECIMEN PASS-THROUGH	NOT USED	CFCI
BUC	BEDPAN AND URINAL CABINET	NOT USED	CFCI
EHD	WARM-AIR DRYER	NOT USED	CFCI
DCS	DIAPER CHANGING STATION	NOT USED	CFCI
ULG	UNDER-LAVATORY GUARD	NOT USED	CFCI
SH	UTILITY SHELF	NOT USED	CFCI
MBH	MOP AND BROOM HOLDER	NOT USED	CFCI

	SHEET KEYNOTE LEGEND
09 21 16 A01	NON-STRUCTURAL FRAMING
09 29 00 A02	GYPSPUM BOARD - TYPE X
09 29 00 A10	CEMENTITIOUS BACKER UNITS
09 30 00 A01	TILE
09 30 00 A04	METAL EDGE STRIPS
09 30 00 A07	ACOUSTICAL CEILING PANELS
09 51 13 A03	EDGE MOLDINGS AND TRIM
09 91 23 A01	PAINT - FLAT
10 14 23 A01	WAYFINDING PANEL SIGNAGE
10 26 00 A03	CORNER GUARDS
10 28 00 A06	GRAB BAR
12 21 13 A01	HORIZONTAL LOUVER BLINDS (MANUAL)
12 24 13 A01	ROLLER SHADES (MANUAL)

GENERAL DEMOLITION NOTES

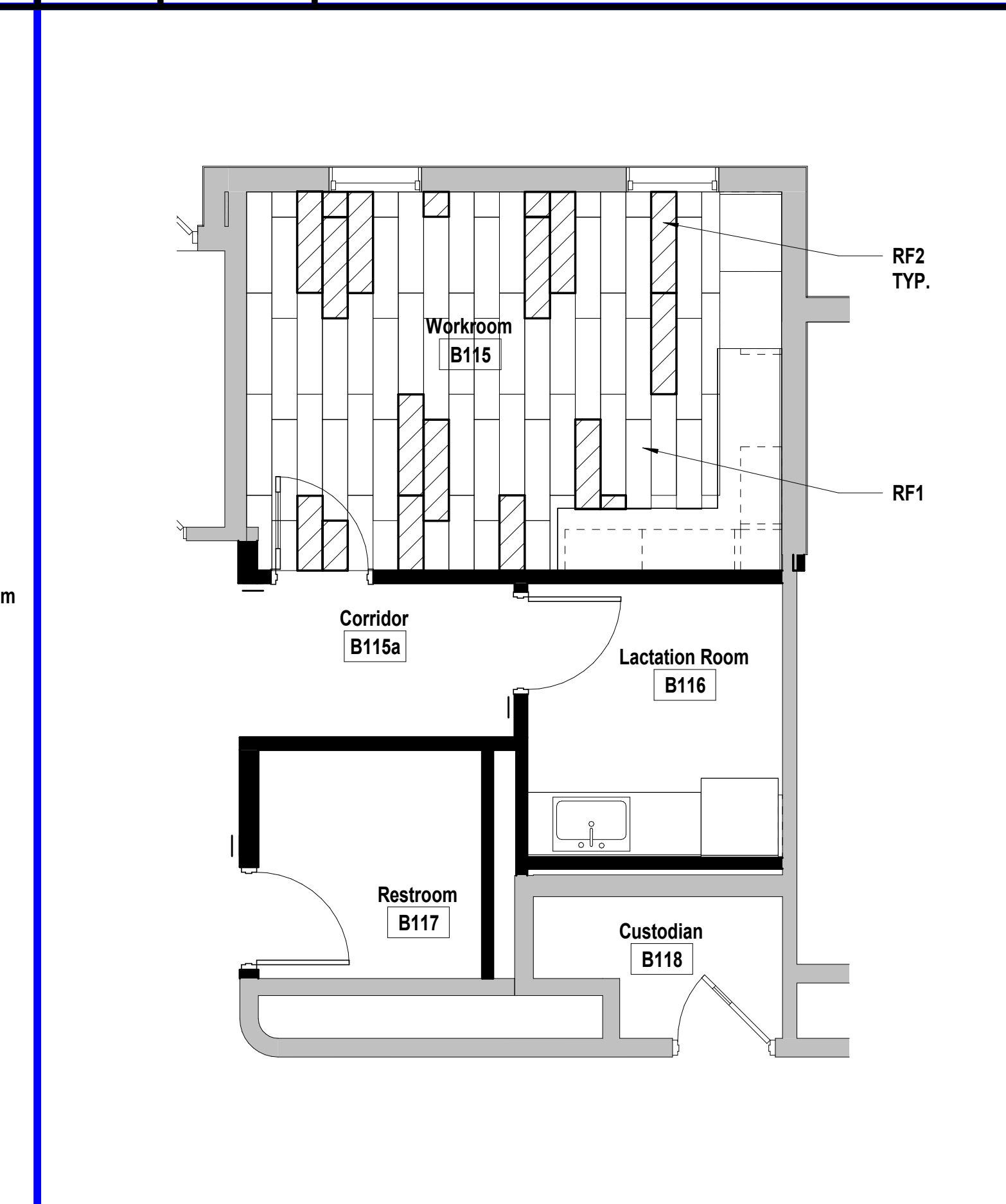
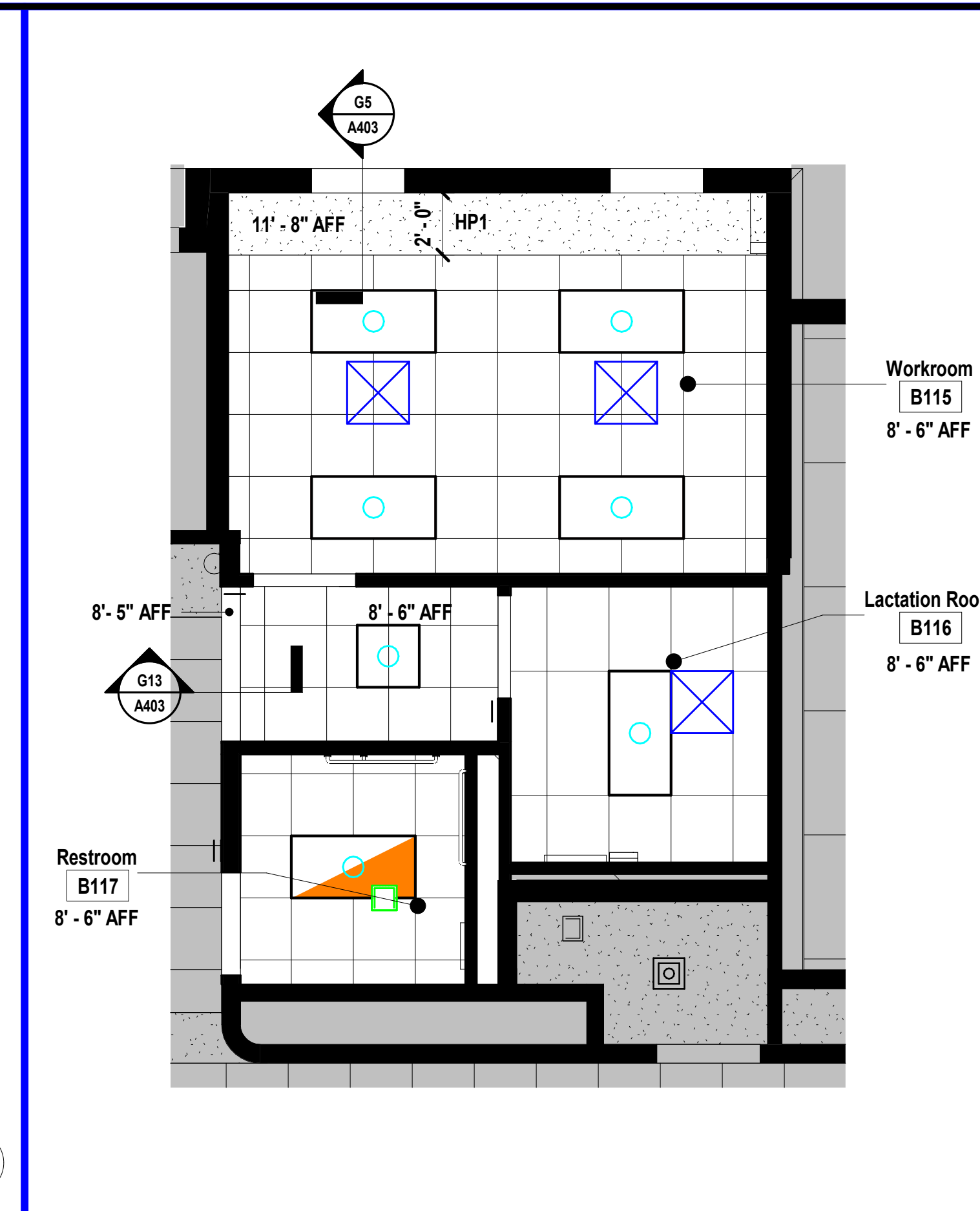
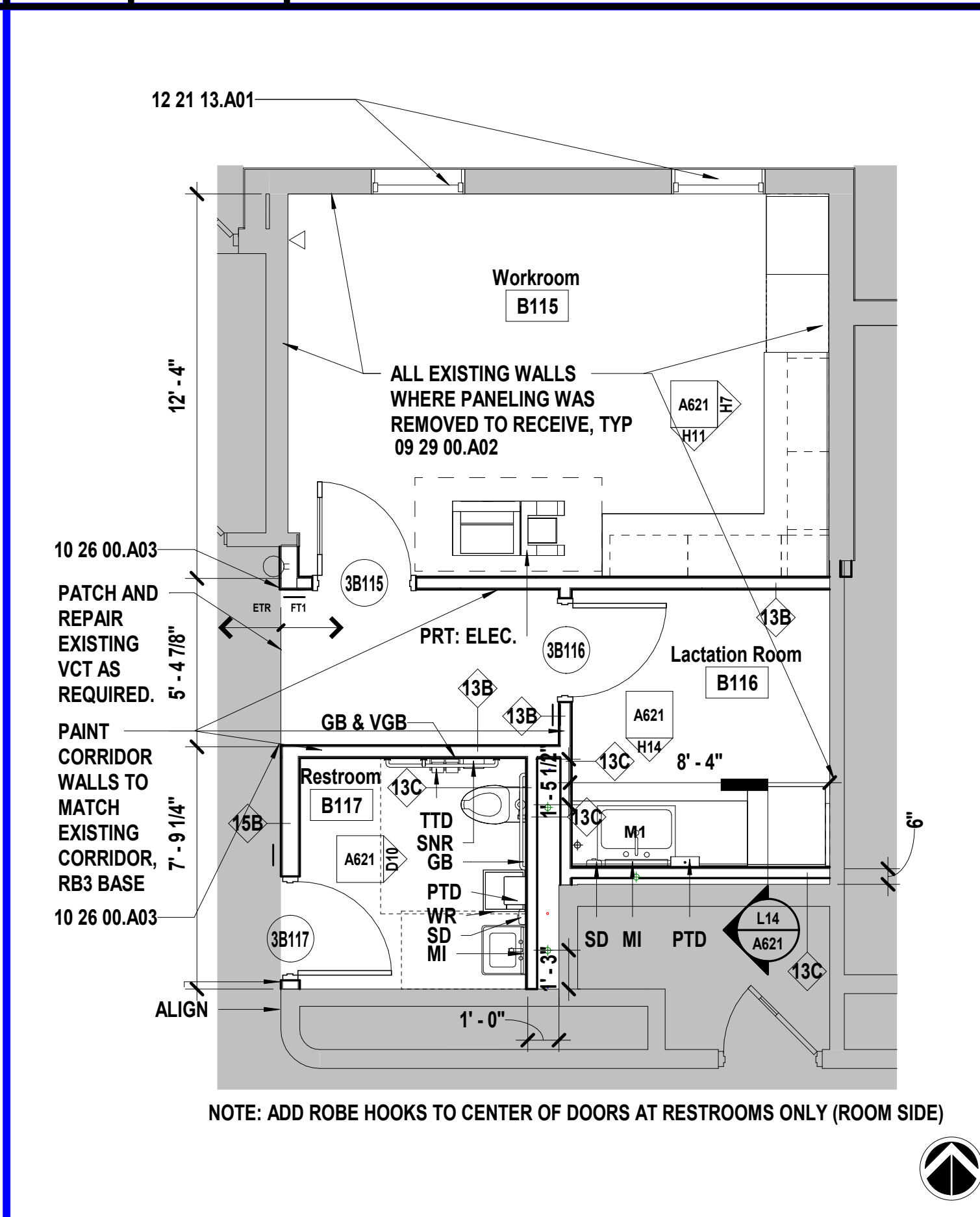
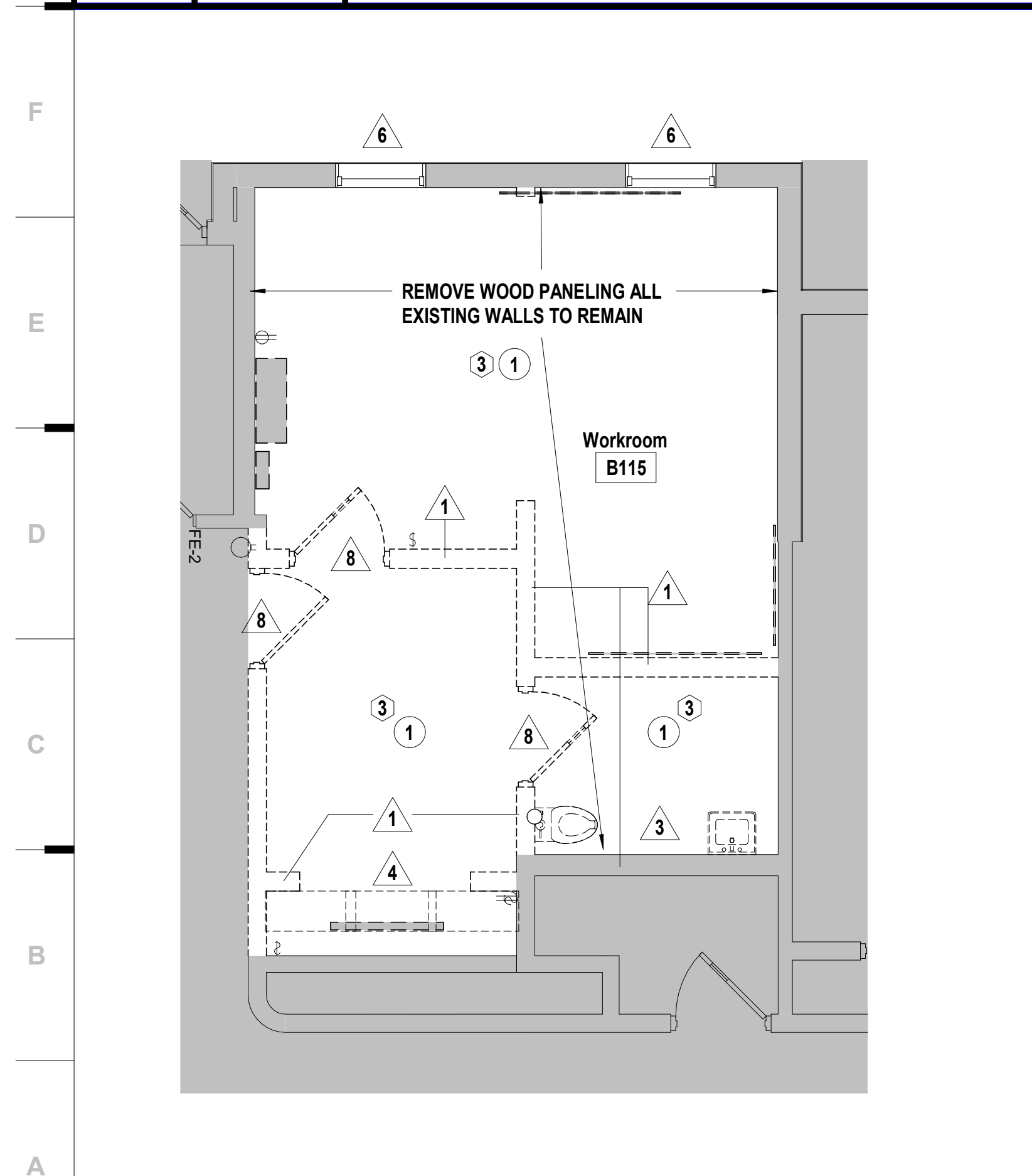
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G1	Scale	Ceiling Detail @ Restroom
	3" = 1'-0"	

G5	Scale	Ceiling Detail at Existing Windows
	3" = 1'-0"	

G13	Scale	Ceiling Detail - Staff Work Suite B115
	3" = 1'-0"	



A1	Scale	Demolition Floor Plan - Staff Work Suite B115 / B116 / B117
	1/4" = 1'-0"	

A5	Scale	Enlarged Floor Plan - Staff Work Suite B115 / B116 / B117
	1/4" = 1'-0"	

A9	Scale	Enlarged RCP - Staff Work Suite B115 / B116 / B117
	1/4" = 1'-0"	

A13	Scale	Finish Floor Plan - Staff Work Suite B115 / B116 / B117
	1/4" = 1'-0"	

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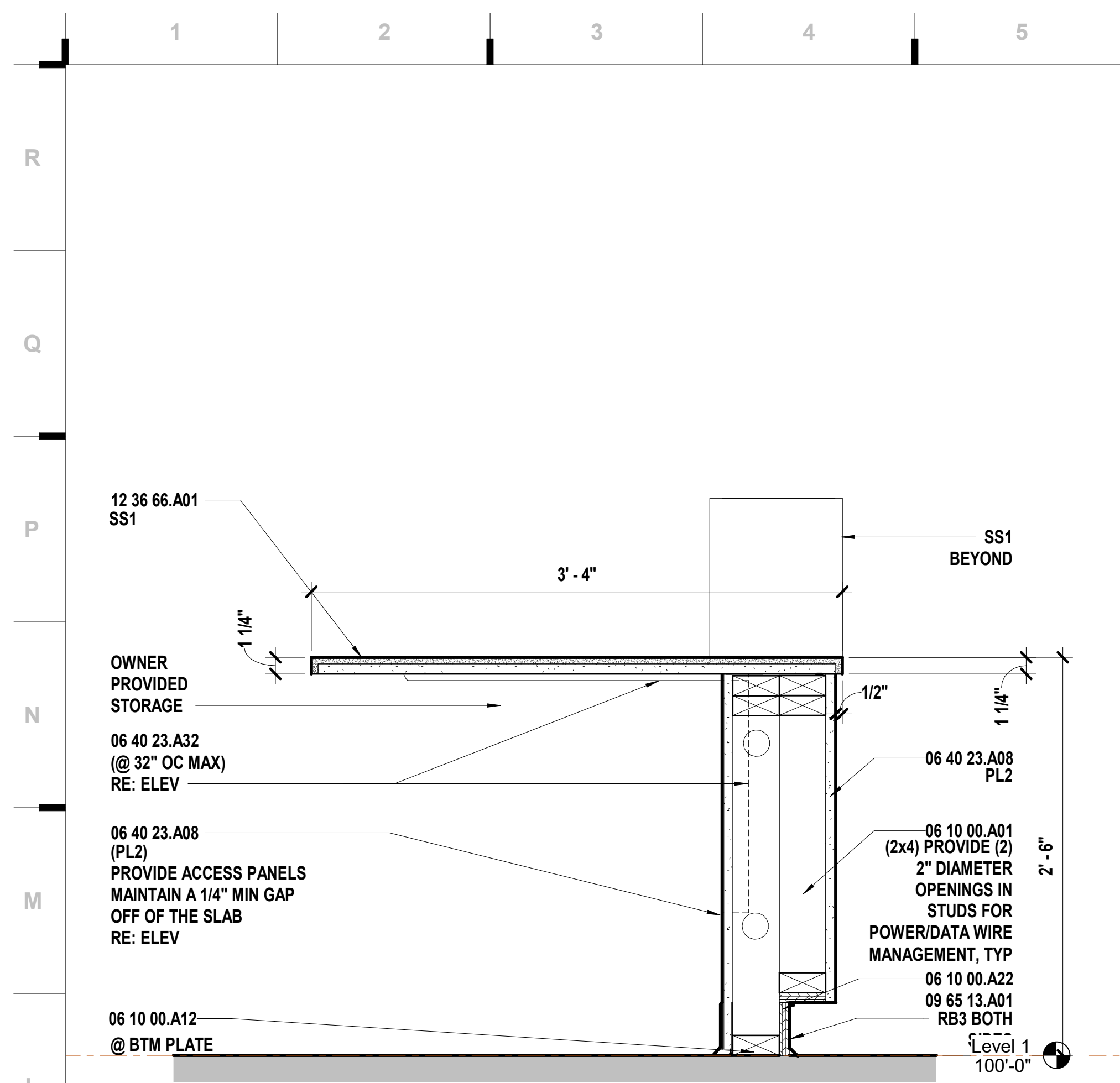
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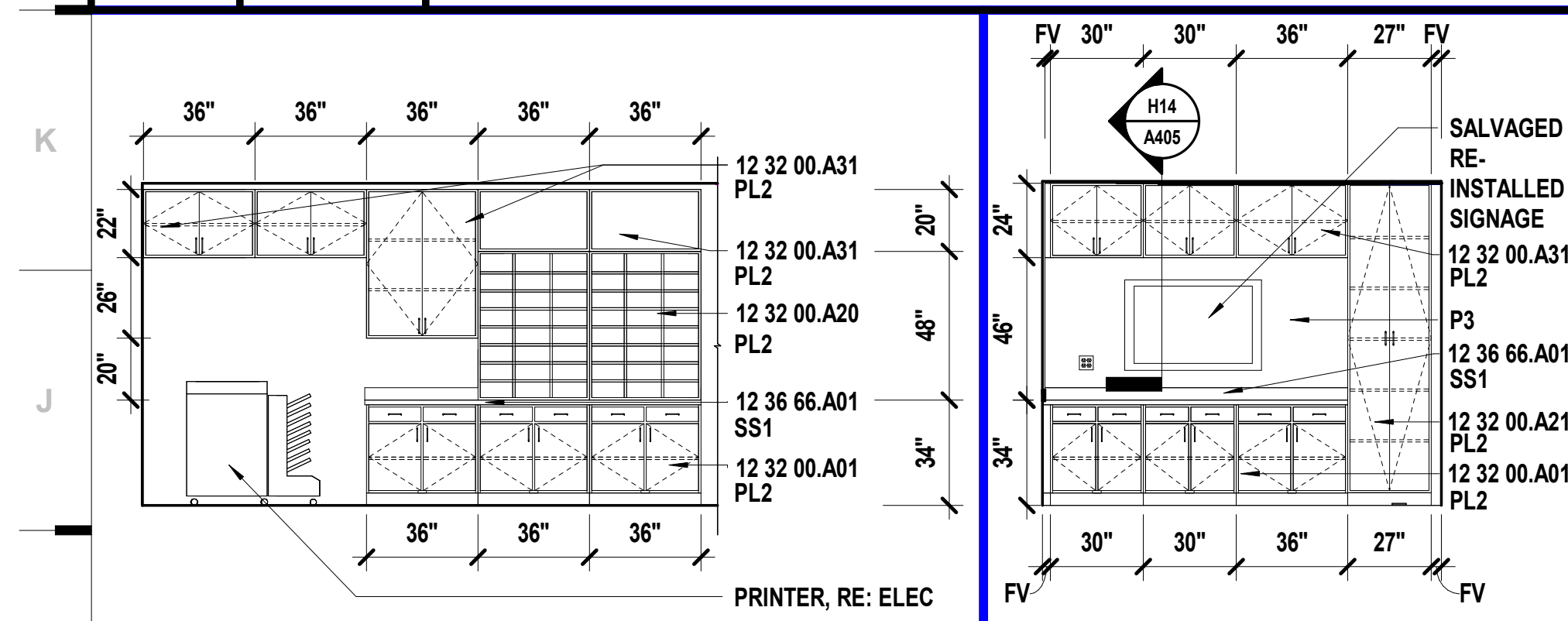
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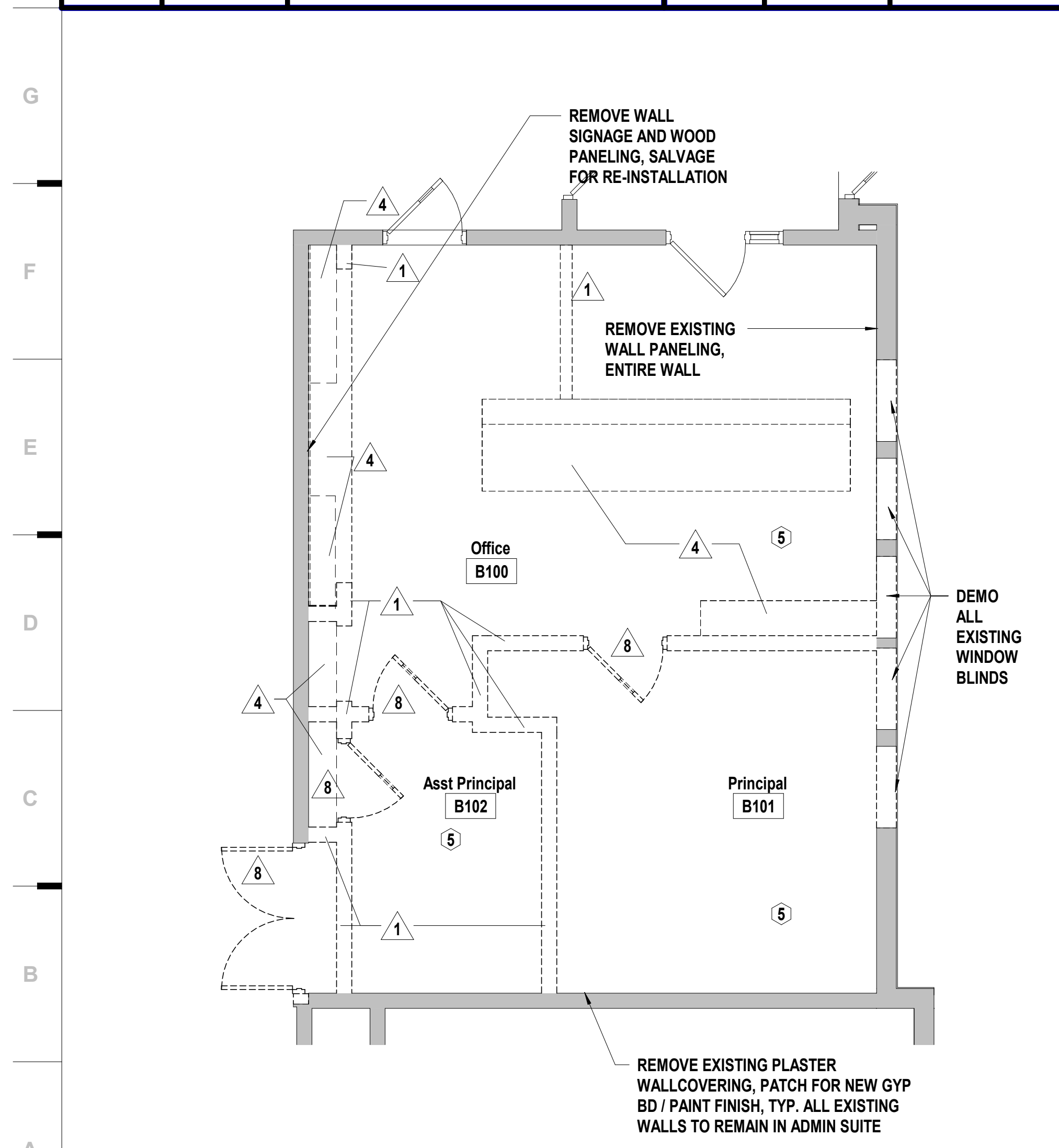
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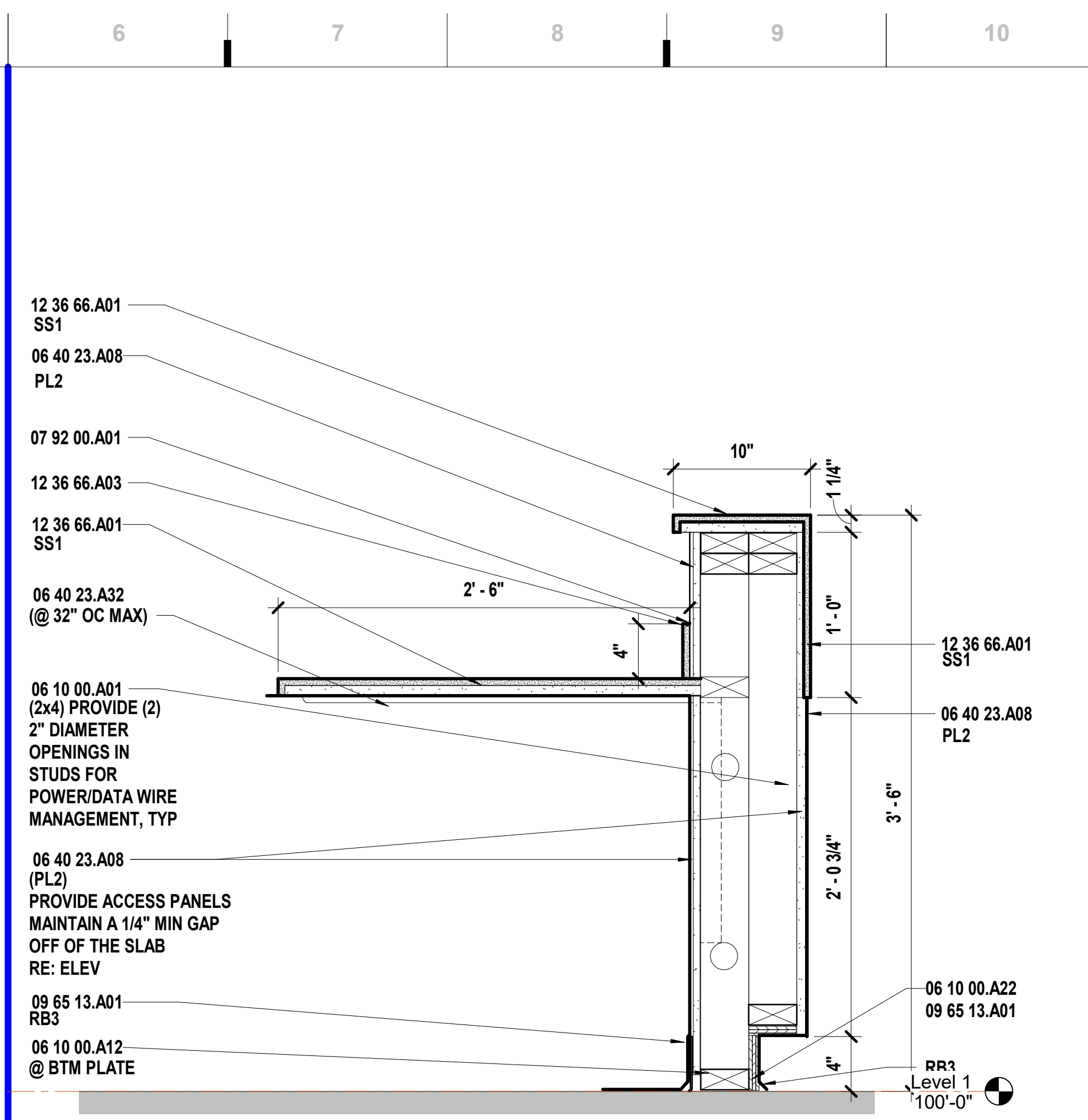
L1	Scale	Casework Section - Office 22 - Reception Desk - West 1
	1 1/2" = 1'-0"	



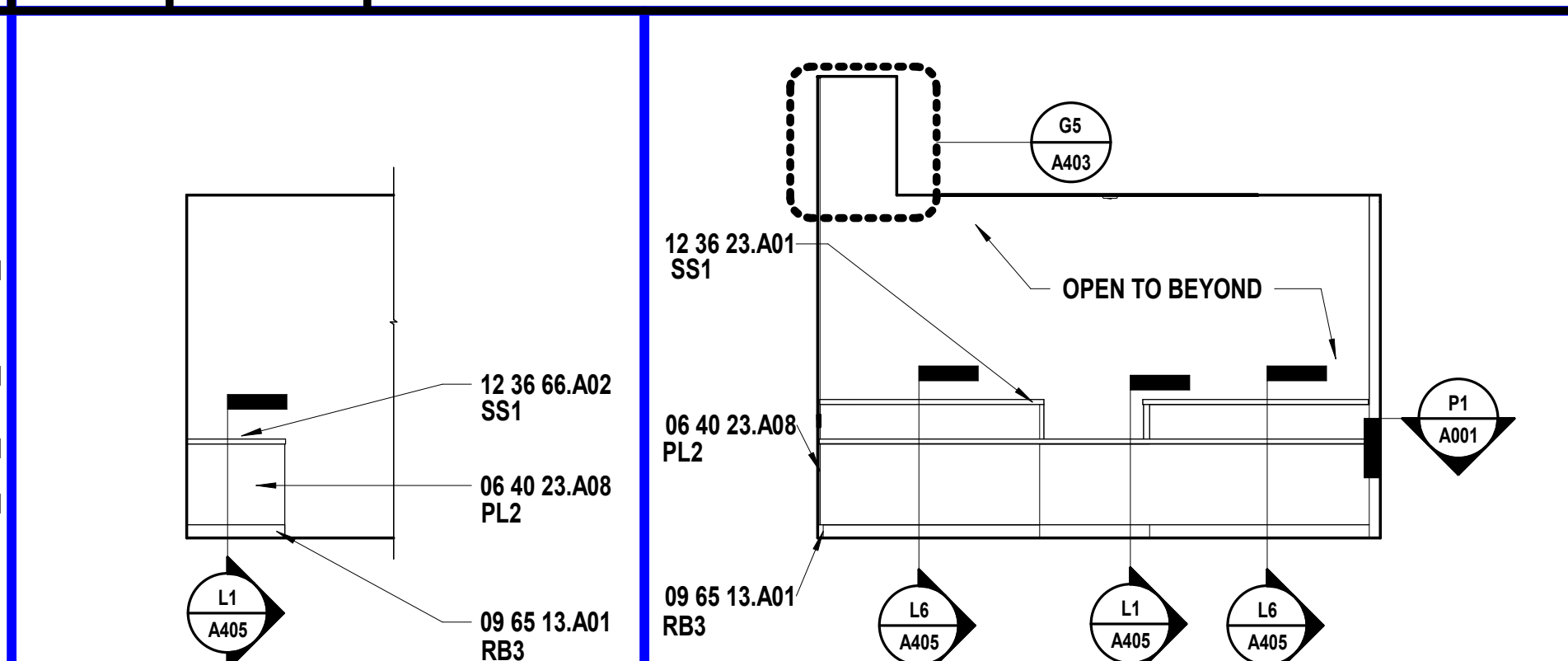
H1	Scale	Interior Elevation - Office B100 - W
	1/4" = 1'-0"	



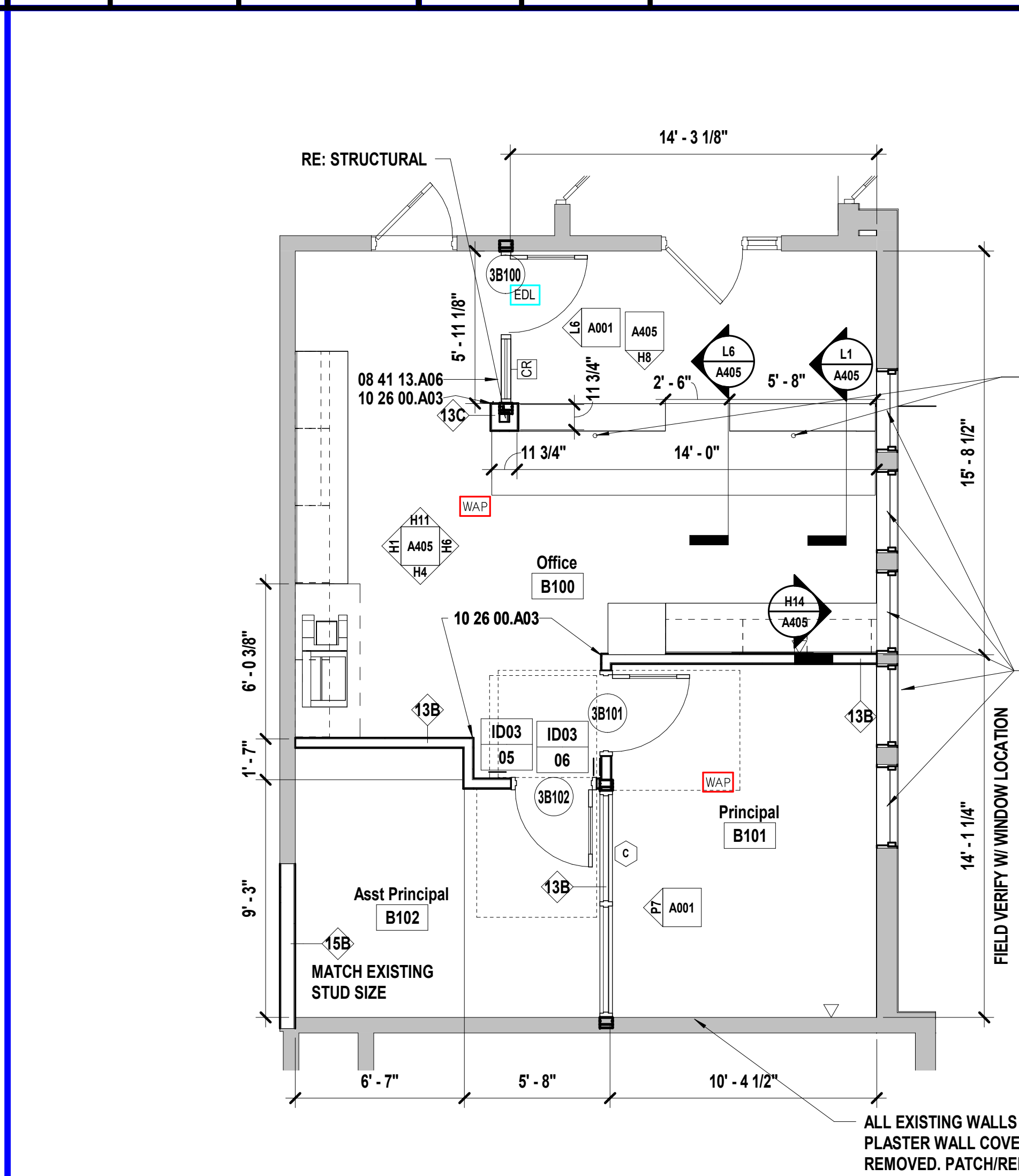
A1	Scale	Demo Plan - Admin
	1/4" = 1'-0"	



L6	Scale	Casework Section - Office 22 - Reception Desk - West 2
	1 1/2" = 1'-0"	



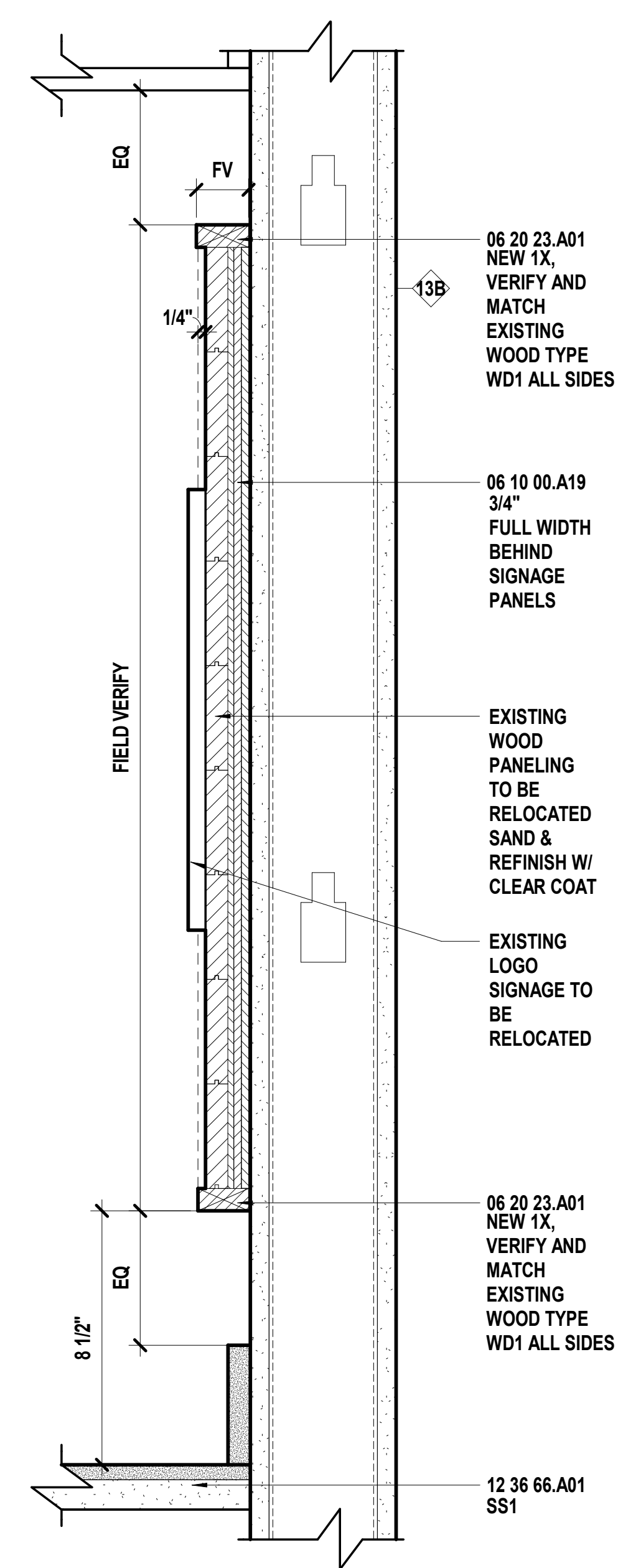
H6	Scale	Elev - B100 -
	1/4" = 1'-0"	Desk - E



A6	Scale	Enlarged Plan - Admin
	1/4" = 1'-0"	

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H14	Scale	Section Detail - Salvaged Wood Sign
	3" = 1'-0"	

SHEET KEYNOTE LEGEND

06 10 00 AO.01	DIMENSION LUMBER FRAMING
06 10 00 A12	PRESERVATIVE TREATED WOOD BLOCKING/NAILERS
06 10 00 A19	PLYWOOD BLOCKING AND BACKING PANELS
06 10 00 A22	PRESERVATIVE TREATED PLYWOOD BLOCKING
06 20 23 AO.1	TRIM - TRANSPARENT
06 40 23 AO.8	PLASTIC LAMINATE-CLAD PANELS
06 40 23 A22	GROMMETS
06 40 23 A32	CONCEALED BRACKET
07 92 00 AO.1	SEALANT
08 41 13 AO.6	NON-THERMAL BROKEN STOREFRONT FRAMING (4.5")
09 20 00 AO.2	GYPNUM BOARD - TYPE X
09 65 13 AO.1	RESILIENT BASE
10 26 00 AO.3	CORNER GUARDS
12 24 13 AO.1	ROLLER SHADES (MANUAL)
12 32 00 AO.1	BASE CABINET
12 32 00 AO.20	
12 32 00 AO.21	TALL CABINET
12 32 00 AO.31	WALL CABINET
12 36 23 AO.1	PLASTIC-LAMINATE-CLAD COUNTERTOP
12 36 66 AO.1	SOLID SURFACE COUNTERTOP
12 36 66 AO.2	SOLID SURFACE TRANSACTION COUNTER
12 36 66 AO.3	SOLID SURFACE SPLASHES

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**CONSTRUCTION
DOCUMENTS**

Franklin Elementary School
Liberty Public Schools
201 W Mill St.
Liberty, MO 64068

REVISIONS:

#	Description	Date
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NOVEMBER 22, 2023

JOB NO: 23027
DRAWN BY: RO, NR
CHECKED BY: JB
DATE: 11.22.2023

A405

ENLARGED PLANS & DETAILS

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GENERAL FINISH NOTES

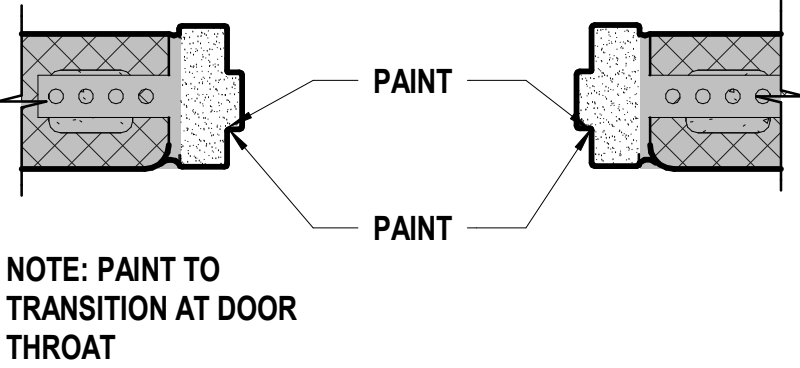
1. REFER TO FINISH FLOOR PLANS, REFLECTED CEILING PLANS, ELEVATIONS, AND DETAILS FOR EXTENT OF MULTIPLE FINISHES.
2. DO NOT PAINT NATURAL OR MANUFACTURED STONE, BRICK, GLAZED BLOCK OR ANY OTHER PREFINISHED MATERIALS.
3. DO NOT PAINT ALUMINUM OR OTHER NON-FERROUS METALS THAT ARE PREFINISHED.
4. MATCH VERTICAL FINISH OF ALL INTERIOR GYPSUM BOARD SOFFITS TO HORIZONTAL FINISH AS NOTED ON RCP OR ROOM FINISH SCHEDULE, UNO.
5. PAINT ALL EXPOSED CEILINGS DESIGNATED AS 'OTS' AS INDICATED ON ROOM FINISH SCHEDULE. PAINTING INCLUDES, BUT IS NOT LIMITED TO: EXPOSED STRUCTURE, JOISTS, METAL DECKING, EXISTING TECTUM PANELS, DUCTWORK AND MECHANICAL EQUIPMENT.
6. PAINT ALL EXPOSED STEEL, UNO.
7. PAINT ALL INTERIOR HOLLOW METAL DOORS AND FRAMES TO MATCH ADJACENT WALL, UNO.
8. PAINT OR FINISH THE FOLLOWING ITEMS TO MATCH ADJACENT PAINT OR FINISH:

ELECTRICAL PANELS IN FINISHED ROOMS

GRILLES, LOUVERS ETC. PRIMED OR SPECIFIED TO BE PAINTED

UNFINISHED SPEAKER OUTLET GRILLES

VISIBLE PORTIONS OF DUCTWORK AND MECH EQUIPMENT BEHIND VENTS, GRILLES AND DIFFUSERS



NOTE: CONTRACTOR COORDINATE REDUCER THICKNESS WITH CARPET THICKNESS

NEW OR EXISTING CARPET, RESINOUS, VCT OR NORA FLOO SYSTEM

(RADIUS AS REQUIRED)
NEW TRANSITION STRIP- GRADUS, TT35/AFT16 OR PTT1/MP1TB5
MECHANICALLY FASTENED TO SUB-FLOOR AS RECOMMENDED BY MANUFACTURER

NEW OR EXISTING CARPET, RESINOUS, VCT OR NORA FLOOR SYSTEM

NOTE: COLOR OF CAP TO MATCH WALL BASE

K1Scale1 1/2" = 1'-0"HM Jamb Frame Finish Where Noted

K5Scale12" = 1'-0"Flooring Reducer Strip Detail

MATERIAL FINISH LEGEND

MATERIAL	ID	KEYNOTE	MANUFACTURER	STYLE/MODEL NO	COLOR/FINISH	COMMENTS
Carpet	C3	09 68 13.A01	Interface	Detours Ahead 1472302500	24x24, 105160 Steel/Tonal	Install Ashlar
Ceiling	CLG3	09 51 13.A01	Armstrong	1772 Dune 24" X 24" X 5/8"	White	
Ceiling	CLG4	09 51 13.A01	Armstrong	1773 Dune 24"x 48" x 5/8"	White	
Concrete Finish	CON1	03 30 00.A21			Clear Sealed Concrete Finish	
Fabric	F2	10 21 23.A01	Maharam	Moderate 2, 511519	009 Calming	
Floor (Poured) Topping	FT1	09 67 23.A01	Desco	Cremona TG	33% SW7653, 32% SW7018, 35%SW7625	Integral Cove Base
High Performance Coating	HP1	09 91 23	Sherwin Williams	SW7011	Natural Choice	
High Performance Coating	HP2	09 91 23	Sherwin Williams	SW7015	Repose Gray	
Paint	P1	09 91 23	Sherwin Williams	SW7011	Natural Choice	
Paint	P2	09 91 23	Sherwin Williams	SW7015	Repose Gray	
Paint	P3	09 91 23	Sherwin Williams	SW6524	Commodore	
Plastic Laminate	PL1	12 32 00	Formica	8826-58	Neutral Twill	
Plastic Laminate	PL2	12 32 00	Wilsonart	7953-38	Harvest Maple	
Resilient Base & Accessories	RB3	09 65 13.A01	Roppe	4" Cove	123 Charcoal	
Resilient Base & Accessories	RB4	09 65 13.A01	Roppe	Match Existing Profile	139 Deep Navy	
Resilient Flooring	RF1	09 65 19.A01	Interface	Brushed Lines	A01604 Galena	Install Ashlar
Resilient Flooring	RF2	09 65 19.A01	Interface	Brushed Lines	A01605 Graphite	Install Ashlar
Simulated Stone	SS1	12 36 66.A01	Corian	Solid Surface	Everest	
Tile	T3	09 30 00.A01	Daltile	Colorwheel 4X16	0790 Artic White	
Tile	T5	09 30 00.A01	Daltile	Colorwheel 4X8	1174 Sea Breeze	
Tile	T6	09 30 00.A01	Daltile	Articulo 6X18	AR06 Editorial White	
Trim	TR1	09 30 00.A04	Schluter	Schiene		
Trim	TR2	06 40 23.A24	Fry Reglet	Millwork Trim - L Channel		3/4" MWCL75, ANODIZED ALUMINUM
Wall Coverings	WC1	10 26 00.A04	Korogard	.040" Sheet	Lava	
Wood	WD1	06 20 23.A01	Match Existing	Match Existing Species	Match Existing Clear Stain	
Window Film	WF		3M	Matte SH2MAOW 1250, Opaque White		
Fabric Wrapped Tack Panel	WP1	09 77 23.A01	CF Stinson	4'-0" W x 8'-0" H	TBD	Alternate 2

ROOM FINISH SCHEDULE

ROOM		FLOOR		WALLS				CEILING	Finish Remarks
NO	Name	Finish	Base	North	East	South	West	Finish	
A103A	Girls	FT1	FT1	T6	T5	T5/T6	T5/T6	CLG3/HP1	
A103B	Boys	FT1	FT1	T6	T5/T6	T5/T6	T5	CLG3/HP1	
A106b	Staff Restroom	FT1	FT1	T5/T6	HP2	HP2	HP2	HP1	
A108	Restroom Entry	FT1	FT1	T5	T5/T6	T5/T6	T5/T6	HP1	
A108A	Girls	FT1	FT1	T6	T5	T5/T6	T5/T6	CLG3/HP1	
A108B	Boys	FT1	FT1	T6	T5/T6	T5/T6	T5	CLG3/HP1	
B100	Office	C4	RB3	P2	P2	P2	P2	CLG3	
B101	Principal	C3	RB3	P2	P2	P3	P2	CLG3	
B102	Asst Principal	C3	RB3	P2	P2	P3	P2	CLG3	
B110	Office	C3	RB3	P2	P2	P2	P2	CLG3	
B110a	Office	C3	RB3	P2	P2	P2	P2	CLG3	
B111	Office	C3	RB3	P2	P2	P2	P2	CLG3	
B112	PE Storage	CON1	RB3	P2	P2	P2	P2	OTS	
B112a	Office	C3	RB3	P2	P2	P2	P2	CLG3	
B112b	Elec	CON1	RB3	P2	P2	P2	P2	OTS	
B114	Staff Lounge	RF1/RF2	RB3	P2	P2	P2	P2	ETR/HP1	2
B114a	Staff Restroom	FT1	FT1	HP2	HP2	HP2	HP2	HP1	
B115	Workroom	RF1/RF2	RB3	P2	P2	P2	P2	CLG3	
B115a	Corridor	C3	RB4	P2	P2	P2	P2	CLG3	
B116	Lactation Room	FT1	FT1	HP2	HP2	HP2	HP2	CLG3	
B117	Restroom	FT1	FT1	HP2	HP2	HP2	HP2	CLG3	
B121	Restroom Entry	FT1	FT1	T5	T5/T6	T5/T6	T5/T6	HP1	
B122	Nurse	FT1	FT1	P2/WC1	P2/WC1	P2/WC1	P2/WC1	EXIST	3
B122a	Restroom	FT1	FT1	HP1	HP1	HP1	T5/T6	CLG4	

ROOM SCHEDULE REMARKS

1. PROVIDE LEVEL 5 FINISH FOR GYPSUM BOARD SURFACE WHERE WGX IS DESIGNATED. RE: FINISH FLOOR PLANS AND INTERIOR ELEVATIONS FOR TRANSITION CLARIFICATION.
2. PAINT EXISTING WOOD WINDOW FRAMES TO MATCH ADJACENT WALL FINISH.
3. PROVIDE 10 26 00.A04 (WC1) ON ALL WALL SURFACES EXCEPT WHERE INDICATED AT 48" H A.F.F., UNO.
4. PROVIDE NEW WINDOW TREATMENTS.

SHEET KEYNOTE LEGEND

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1828 Walnut Street Suite 922
Kansas City, MO 64108
1 816.442.7700

115 Wilcox Street Suite 210
Castle Rock, CO 80104
1 720.949.1689

HOLLISANDMILLER.COM

Hollis + Miller Architects
Missouri State Certificate of Authority
Architecture # 0000161

Structural Engineer
Bob D Campbell
State Certificate of Authority #000442
4338 Bellevue Ave.
Kansas City, MO 64111
816.531.4144

Smith & Boucher
Mechanical/Electrical/Plumbing
State Certificate of Authority #EGC000178
25501 Valley Parkway, Suite 200
Olathe, KS 66061
913.345.2127 phone

SHEET NOTES

1. REFER TO SHEET G000 FOR SHEET INDEX
2. COORDINATE LOCATIONS WHERE BACKING REQUIRED FOR WALL HUNG CASEWORK, MARKERBOARDS, AND TECHNOLOGY
3. COLOR/MATERIAL TRANSITIONS ARE NOTED WHEN THEY DO NOT OCCUR AT INSIDE CORNERS
4. REFER TO MEP SHEETS FOR LOCATION DIAGRAM OF SWITCHES, THERMOSTATS, FIRE ALARM STROBES TO BE MOUNTED ADJACENT TO ENTRY DOORS OR AT OUTSIDE CORNERS WITHIN ROOMS
5. COORDINATE WITH ELECTRICAL SHEETS FOR HEIGHT OF OUTLETS A.F.F. AND/OR ABOVE COUNTERTOPS
6. COORDINATE WITH MECHANICAL SHEETS FOR LOCATIONS OF WALL MOUNTED GRILLES AND REGISTERS
7. ALL EXPOSED SURFACES TO RECEIVE PLASTIC LAMINATE
8. ALL BACKSPLASH MATERIAL TO MATCH COUNTERTOP MATERIAL, UNO
9. PROVIDE 4" BACKSPLASH, UNO
10. PROVIDE 1" OVERHANG AT ALL COUNTERTOPS, UNO
11. PROVIDE ONE 2" DIAMETER GROMMET PER 30 INCH OF KNEE-SPACE - RECEPTION COUNTERS AND OTHER LOCATIONS - COORDINATE EXACT LOCATION WITH OWNER
12. REFER TO PLUMBING DRAWINGS FOR LOCATIONS OF SINKS AND OTHER PLUMBING FIXTURES LOCATED WITHIN CASEWORK
13. ALL BASE CABINETS ARE TO BE 24" DEEP, UNO
14. ALL UPPER CABINETS ARE TO BE 16" DEEP, UNO
15. ALL TALL STORAGE AND WARDROBE CABINETS ARE TO BE 24" DEEP, UNO
16. ALL SCIENCE AND NURSE CASEWORK TO HAVE LOCKS
17. FILE DRAWERS TO HAVE LOCKS
18. ALL WARDROBE CABINETS TO HAVE LOCKS
19. COORDINATE DOOR CONTROL BUTTON LOCATION AT RECEPTION DESK WITH OWNER
20. PROVIDE WOOD CLEAT AT BACK AND SIDE WALLS OF ALL COUNTERTOPS WITH NO BASE CABINET BELOW

Franklin Elementary School
Liberty Public Schools

201 W Mill St.
Liberty, MO 64068

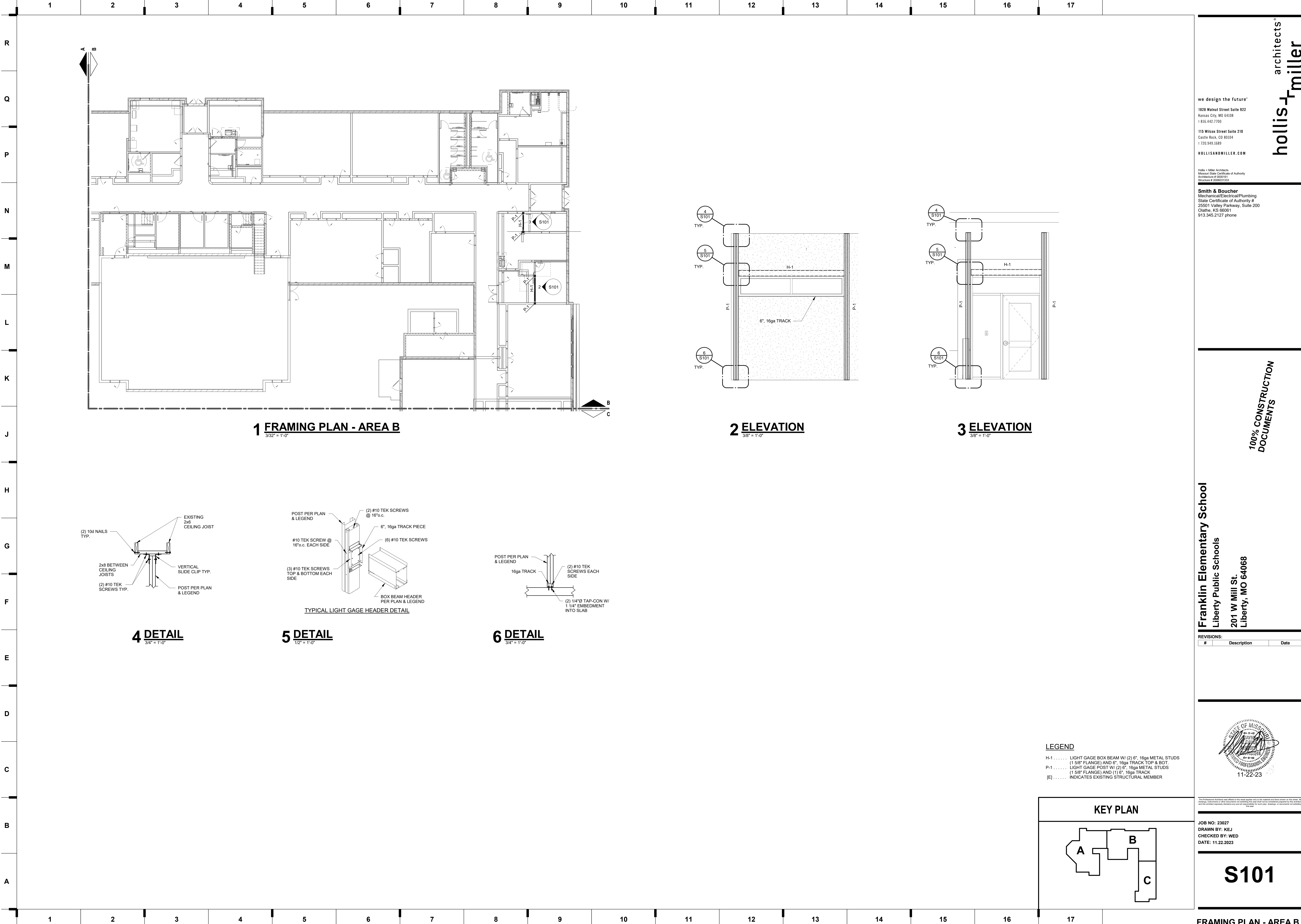
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1828 Walnut Street Suite 922
Kansas City, MO 64108
t 816.442.7700

333 Perry Street Suite 205
Castle Rock, CO 80104
t 719.313.9729

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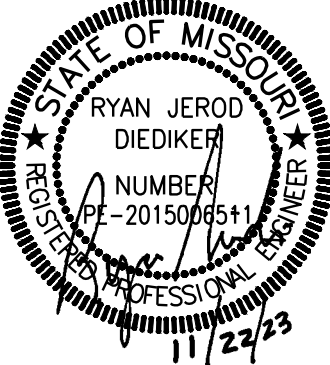
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Smith & Boucher
Mechanical/Electrical/Plumbing
State Certificate of Authority #EGC000178
25618 W 103rd St
Olathe, KS 66061
913.345.2127 phone

100% CONSTRUCTION DOCUMENTS

Franklin Elementary School
Liberty School District
201 W Mill St.
Liberty, MO 64068

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DATE: 11.22.2023

ME101

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DRAWN BY: J. V. (2314712) Liberty SD 2023 - Franklin ES Renovations
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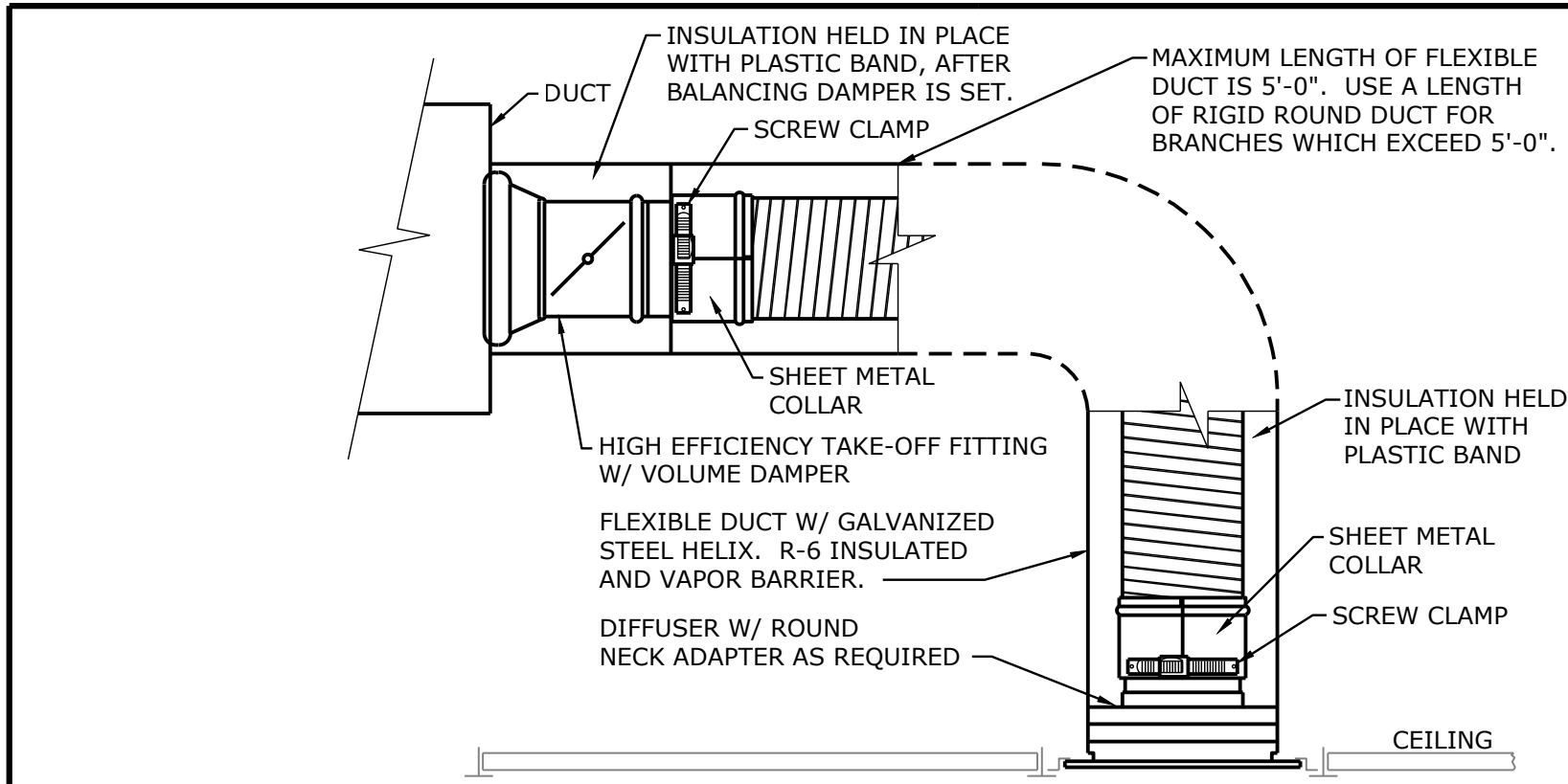
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GRILLE, REGISTER & DIFFUSER SCHEDULE							
PLAN MARK	MANUFACTURER MODEL NUMBER	SERVICE	MOUNT TYPE	VOLUME DAMPER	MATERIAL	COLOR	NOTES
SD-1	PRICE SPD	SUPPLY	SURFACE	YES	STEEL	WHITE	1
RG-1	PRICE 530	RETURN	SURFACE	NO	STEEL	WHITE	1
EG-1	PRICE 530	EXHAUST	SURFACE	YES	STEEL	WHITE	1

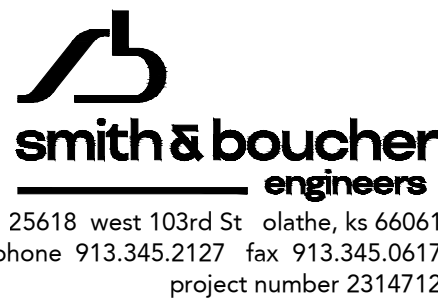
NOTES:
1: REFER TO PLANS FOR SIZES.

PLUMBING FIXTURE SCHEDULE									
MARK	MANUFACTURER/ MODEL	DESCRIPTION	MANUFACTURER/ MODEL	FITTINGS DESCRIPTION	PIPING CONNECTIONS				
					NOTES	CW	HW	SAN	VENT
WC-1	KOHLER KINGSTON K-4325	ADA WATER CLOSET: WHITE, SIPHON JET, LOW FLOW 1.28GPF, WALL HUNG, WHITE VITREOUS CHINA, FULLY GLAZED TRAPWAY, ELONGATED BOWL, TOP SPUD. INCLUDE WITH OPEN FRONT SEAT.	SLOAN G2 8111	ADA FLUSH VALVE: POLISHED CHROME FINISH, TOP SPUD, BATTERY POWERED SENSOR WITH MANUAL BUTTON, DIAPHRAM OPERATED FLUSH VALVE. 1.28 GPF.	5	1-1/4"	—	4"	2"
	WADE	CARRIER: PROVIDE CARRIER AS REQUIRED TO SUIT APPLICATION.							
WC-2	KOHLER KINGSTON K-4325	WATER CLOSET: WHITE, SIPHON JET, LOW FLOW 1.28GPF, WALL HUNG, WHITE VITREOUS CHINA, FULLY GLAZED TRAPWAY, ELONGATED BOWL, TOP SPUD. INCLUDE WITH OPEN FRONT SEAT.	SLOAN G2 8111	FLUSH VALVE: POLISHED CHROME FINISH, TOP SPUD, BATTERY POWERED SENSOR WITH MANUAL BUTTON, DIAPHRAM OPERATED FLUSH VALVE. 1.28 GPF.	5	1-1/4"	—	4"	2"
	WADE	CARRIER: PROVIDE CARRIER AS REQUIRED TO SUIT APPLICATION.							
U-1	KOHLER BARDON K-4991	ADA URINAL: WHITE VITREOUS CHINA WALL HUNG URINAL WITH 0.125 GALLON FLUSH ACTION. REFER TO ARCHITECTURAL PLANS FOR MOUNTING HEIGHT.	SLOAN G2 8186	BATTERY POWERED SENSOR ACTIVATED, EXPOSED URINAL FLUSH VALVE, 0.125 GPF, CHROME PLATED, FLUSH OVERRIDE BUTTON, VACUUM BREAKER FLUSH CONNECTION AND SPUD COUPLING FOR 3/4" TOP SPUD.	5	3/4"	—	2"	1-1/2"
	WADE	PROVIDE CARRIER AS REQUIRED TO SUIT APPLICATION FOR MOUNTING IN CHASE.							
L-1	KOHLER GREENWICH K-2031	ADA COMPLIANT LAVATORY: WALL-HUNG, WHITE VITREOUS CHINA, LEDGE BACK, FRONT OVERFLOW, 4" CENTERS, CONCEALED SUPPORT ARMS.	SLOAN EBF650	LAVATORY FAUCET: SENSOR OPERATED, BATTERY POWERED, 4" CENTERS, CAST BRASS BODY, CHROME FINISH, 0.5 GPM. PROVIDE POINT-OF-USE THERMOSTATIC MIXING VALVE.	1,2,3,4,6	1/2"	1/2"	2"	2"
WF-1	SLOAN EW-73000	ADA COMPLIANT, THREE STATION, WALL HUNG LAVATORY SYSTEM, MATRIX SILVER COLOR.	SLOAN EBF650	SENSOR ACTIVATED, DECK MOUNT, CENTERSET, BATTERY POWERED, 0.5 GPM, CHROME FINISH.	2,3,4	1/2"	1/2"	2"	1-1/2"
			LEONARD	ASSE 1070 COMPLIANT THERMOSTATIC MIXING VALVE					
S-1	JUST MANUFACTURING US-ADA-1824-A	SINK: ADA COMPLIANT, UNDERMOUNT, TYPE 304 STAINLESS STEEL, FULLY COATED SOUND INSULATION, SINGLE BOWL, INTERNAL BOWL DIMENSIONS 16"x22"x5-1/2", CENTER DRAIN.	MOEN CIA 7622	ADA COMPLIANT FAUCET: DUAL WRIST BLADE HANDLES, HIGH ARC KITCHEN FAUCET WITH PULLDOWN SPRAYER WITH CHROME FINISH. FURNISH AND INSTALL WITH AERATOR SET TO 1.5GPM.	1,2,3,4,6	1/2"	1/2"	2"	1-1/2"
S-2	JUST MANUFACTURING US-ADA-1824-A	SINK: ADA COMPLIANT, UNDERMOUNT, TYPE 304 STAINLESS STEEL, FULLY COATED SOUND INSULATION, SINGLE BOWL, INTERNAL BOWL DIMENSIONS 16"x22"x5-1/2", CENTER DRAIN.	MOEN CIA 7622	ADA COMPLIANT FAUCET: DUAL WRIST BLADE HANDLES, HIGH ARC KITCHEN FAUCET WITH PULLDOWN SPRAYER WITH CHROME FINISH. FURNISH AND INSTALL WITH AERATOR SET TO 1.5GPM.	1,2,3,4,6	1/2"	1/2"	2"	1-1/2"
			GUARDIAN GBF1849	ADA COMPLIANT EMERGENCY EYEWASH: DECK MOUNTED, 90° SWING DOWN ACTIVATION.					
DF-1	EKKAY LZSTL8WSLK	ELECTRIC DRINKING FOUNTAIN: ADA COMPLIANT, BI-LEVEL BARRIER FREE ELECTRIC WATER COOLER, SENSOR OPERATED BOTTLE FILLER ABOVE ADA FOUNTAIN. FRONT PUSHBUTTON, NON-CORROSIVE STAINLESS STEEL BASIN.	—	—		1/2"	—	2"	1-1/2"

NOTES:
1. PROVIDE CHROME PLATED BRASS TAILPIECE AND GRID DRAIN.
2. PROVIDE CHROME PLATED BRASS P-TRAP.
3. PROVIDE LOOSE KEY STOPS AND FLEXIBLE RISERS.
4. IF EXPOSED, INSULATE TAILPIECE, P-TRAP, AND WATER RISERS PER ADA REQUIREMENTS. REFER TO SPECIFICATIONS FOR INSULATION METHODS.
5. PROVIDE CAULK AROUND FIXTURE CONNECTION TO FLOOR/WALL. COLOR BY ARCHITECT.
6. QUANTITY OF FAUCET HOLES SHALL MATCH FAUCET TYPE.



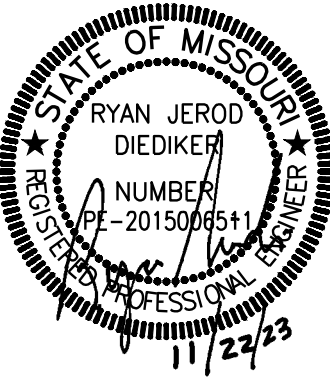
FLEXIBLE BRANCH DUCT DETAIL
NOT TO SCALE



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Franklin Elementary School
Liberty School District
201 W Mill St.
Liberty, MO 64068

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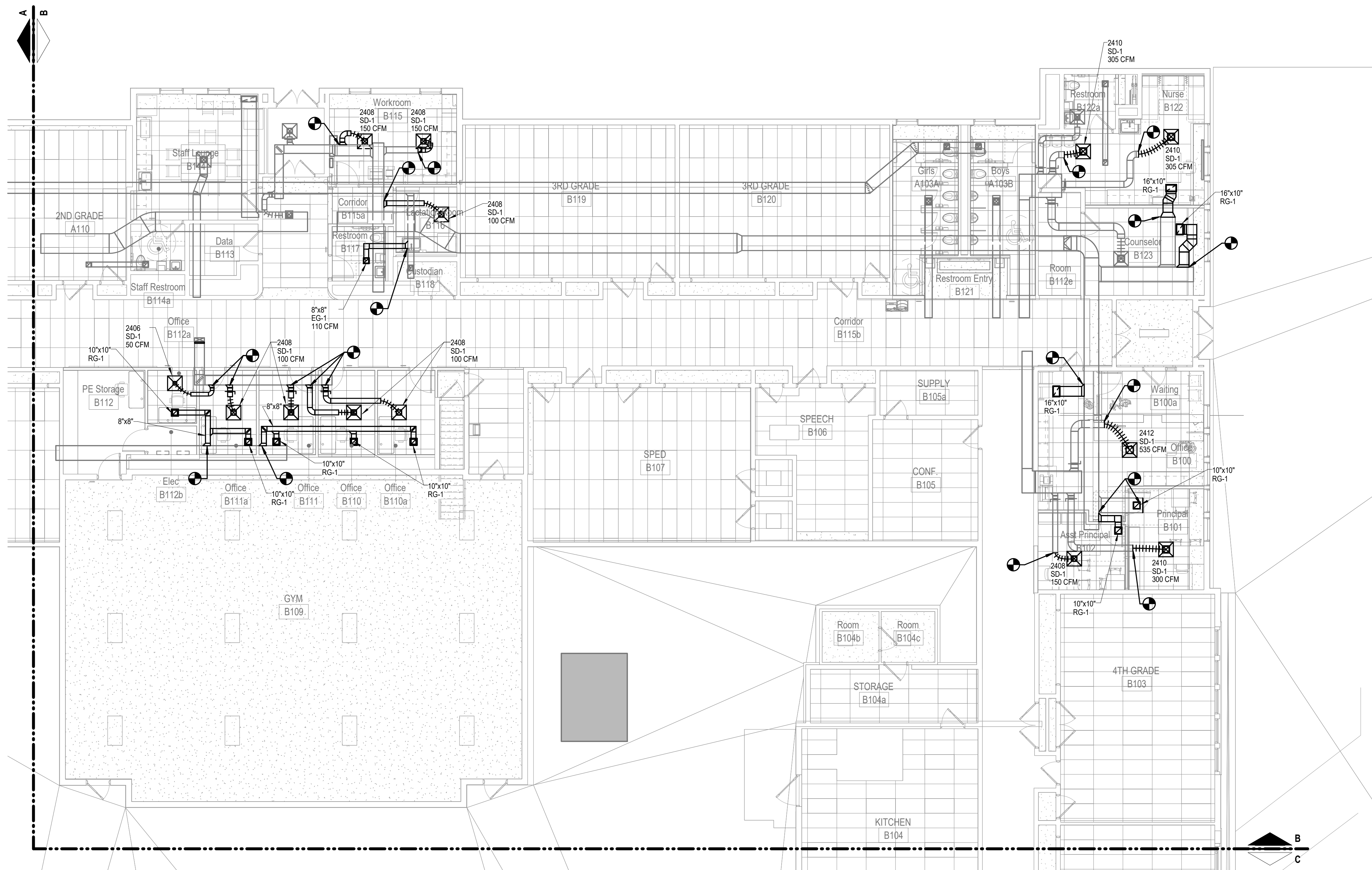
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HOLLISANDMILLER.COM

Structural Engineer
Bob D Campbell
State Certificate of Authority #0000442
4338 Bellview Ave.
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hollis + miller architects



SHEET KEYNOTE LEGEND

GENERAL NOTES:

1. INFORMATION SHOWN ON THE DRAWINGS IS INTENDED TO COVER SCOPE AND IS ARRANGED FOR DRAWING CLARITY. IT IS NOT TO BE TAKEN AS AN AS-BUILT CONDITION. THE STRUCTURE, INSTALLATION, LOCATION, AND ORIENTATION OF STRUCTURE, CEILINGS, WALLS, AND ALL OTHER TRADES TO PROVIDE FOR A COMPLETE AND WORKING SYSTEM.
2. ALL DUCTWORK AND PIPING IS SHOWN DIAGRAMMATICALLY AND DOES NOT INCLUDE ALL OFFSETS, DROPS, AND RISES. ALL COORDINATE DUCT AND PIPE ROUTING WITH THE STRUCTURE AS WELL AS ALL OTHER TRADES TO MAINTAIN EQUIPMENT CLEARANCES, EQUIPMENT ACCESSIBILITY, DESIRED CEILING HEIGHTS, AND AESTHETICS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING CONDITIONS AND CHANGES OF DIRECTION IN THE BID PRICING.
3. COORDINATE ALL DUCT PENETRATIONS WITH STRUCTURAL PRIOR TO CUTTING FLOORS OR BEARING WALLS.
4. WALL MOUNTED DEVICES SUCH AS THERMOSTATS, TEMPERATURE SENSORS, HUMIDITY SENSORS, AND PRESSURE SENSORS ARE SHOWN ON PLANS FOR CLARITY AND GENERAL REFERENCE OF LOCATIONS. LOCATIONS ARE TO BE DETERMINED TO THE CONTRACTOR BY THE INSTALLATION LOCATION. COORDINATE THE INSTALLATION OF ALL WALL MOUNTED DEVICES WITH THE ARCHITECTURAL ELEVATIONS AND FINISHES. COORDINATE WITH THE ELECTRICAL TRADES THE INSTALLATION OF ALL THE DEVICES TO THE EXTENT POSSIBLE AND LOCATED DEVICES SUCH THAT THEY DO NOT CONFLICT WITH MILL WORK, TELEVISIONS, FURNITURE, TEACHING BODIES, AND OTHER SIMILAR OBSTRUCTIONS.
5. PROVIDE FIRESTOPPING AT PENETRATIONS OF ALL RATED WALLS. REFER TO CODE PLANS FOR LOCATIONS OF RATED WALLS.
6. URNISH EXPOSED DUCTWORK IN FINISHED SPACES WITH PAINTABLE FINISH.
7. DUCT SIZES SHOWN ARE SHEET METAL DIMENSIONS. WHERE DUCT LINER IS REQUIRED, DUCT SIZES ARE NOT REQUIRED TO BE INCREASED TO ACCOUNT FOR LINER.
8. ALL SERVICES SHOW WITH HALF TONE LINE WEIGHT ARE EXISTING.

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Hollis + Miller Architects
Missouri State Certificate of Authority
Architecture # 0000161

Structural Engineer

Bob D Campbell
State Certificate of Authority #000442
4338 Bellevue Ave
Kansas City, MO 64111
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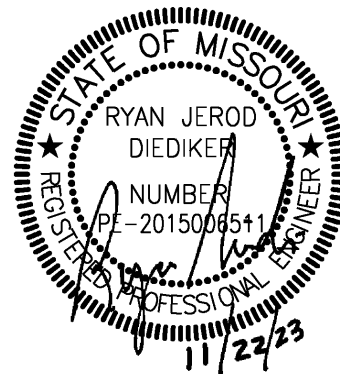
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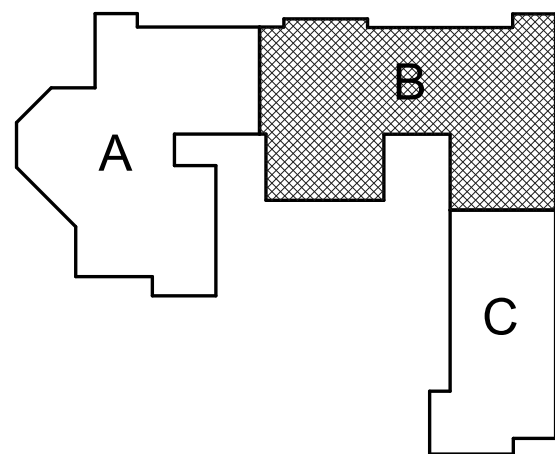


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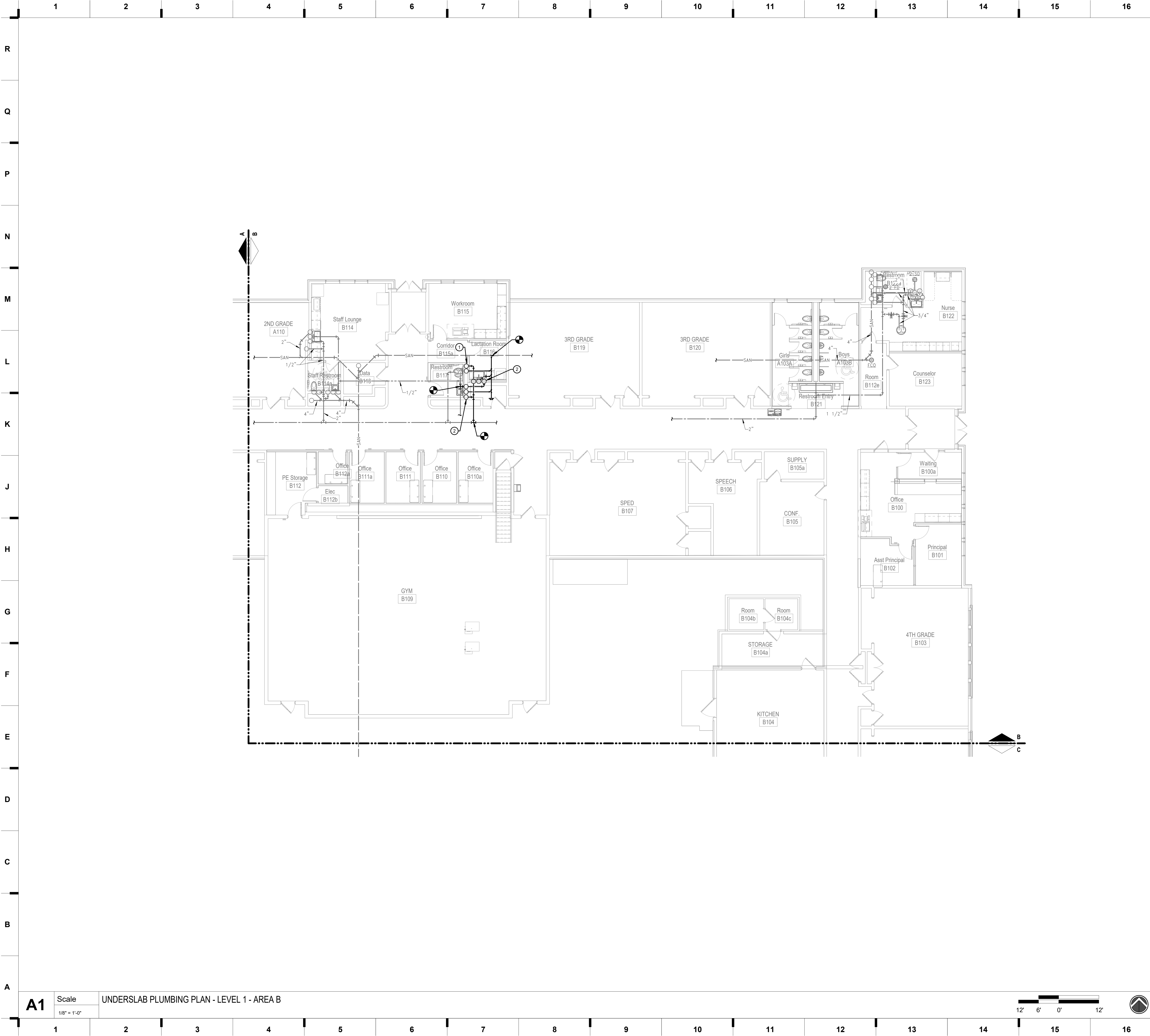
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M101B

KEY PLAN



HVAC PLAN - LEVEL 1 - AREA B



SHEET KEYNOTE LEGEND

GENERAL NOTES:

1. UNLESS OTHERWISE NOTED, SERVICES AND EQUIPMENT SHOWN WITH BOLD DASHED LINES ARE TO BE DEMOLISHED. SERVICES AND EQUIPMENT SHOWN WITH SOLID HALF-TONE LINE WEIGHT ARE TO REMAIN IN PLACE.
2. THE EXISTING CONDITIONS INDICATED ON THE DRAWINGS ARE TAKEN FROM THE BEST INFORMATION AVAILABLE AND FROM VISUAL SITE INSPECTION AND ARE NOT TO BE CONSIDERED "AS BUILT" CONDITIONS. THE INFORMATION SHOWN IS TO ESTABLISH THE EXTENT OF THE SCOPE OF WORK. VERIFY ALL ACTUAL EXISTING CONDITIONS AT THE PROJECT SITE AND PERFORM WORK AS REQUIRED TO MEET THE EXISTING CONDITIONS AND THE EXTENT OF THE WORK INDICATED.
3. PATCH ROOFS, WALLS, AND CEILINGS WHERE ANY SERVICES ARE REMOVED UNLESS NOTED OTHERWISE.
4. DISCONNECT AND REMOVE ALL DUCTWORK, PIPING, WIRING, AND CONDUIT THAT BECOMES UNNECESSARY AS A RESULT OF THE REMOVAL OF EQUIPMENT INDICATED TO BE REMOVED.
5. WHERE MECHANICAL AND ELECTRICAL FIXTURES OR EQUIPMENT ARE REMOVED, CAP ALL UNUSED CONDUIT, WIRING, AND PIPING BEHIND THE FLOOR LINE OR WALL LINE TO FACILITATE THE RESTORATION OF FINISH.
6. PROVIDE FOR THE CONTINUITY OF ALL REMAINING SERVICES, SYSTEMS, AND CIRCUITS. RELOCATE AND RECONNECT ANY MECHANICAL AND ELECTRICAL FACILITIES THAT MUST BE RELOCATED IN ORDER TO ACCOMPLISH THE REMODELING SHOWN IN THE DRAWINGS OR INDICATED IN THE SPECIFICATIONS.

PLAN NOTES:

- 1 1/4" CW AND 4" SAN UP TO WATER CLOSET.
- 1/2" CW, 1/2" HW, 2" SAN UP TO LAVATORY/SINK.

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Kansas City, MO 64108
7816.442.7700

115 Wilcox Street Suite 210
Castle Rock, CO 80104
1720.949.1089

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Hollis + Miller Architects
Missouri State Certificate of Authority
Architecture # 000261

Structural Engineer
Bob D Campbell
State Certificate of Authority #000442
4338 Belleview Ave.
Kansas City, MO 64111
816.531.4144


Smith & Boucher
Mechanical/Electrical/Plumbing
State Certificate of Authority #EGC000178
25618 West 103rd St
Olathe, KS 66061
913.345.2127 phone

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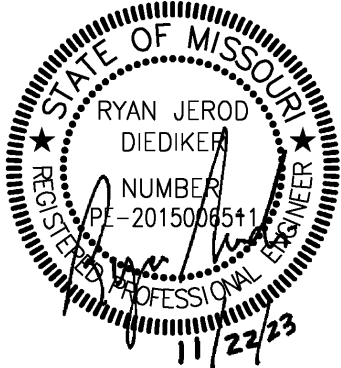
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smith & boucher
engineers

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phone 913.345.2127 fax 913.345.0617
project number 2314712

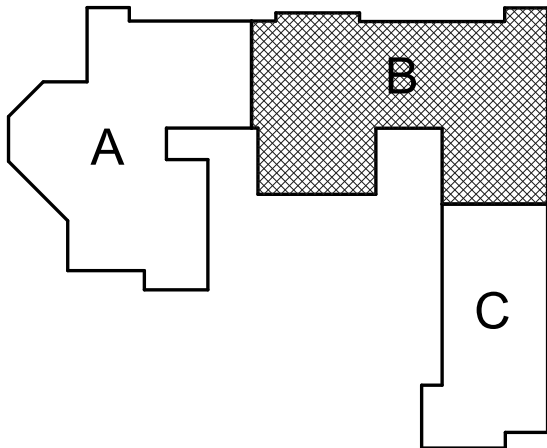


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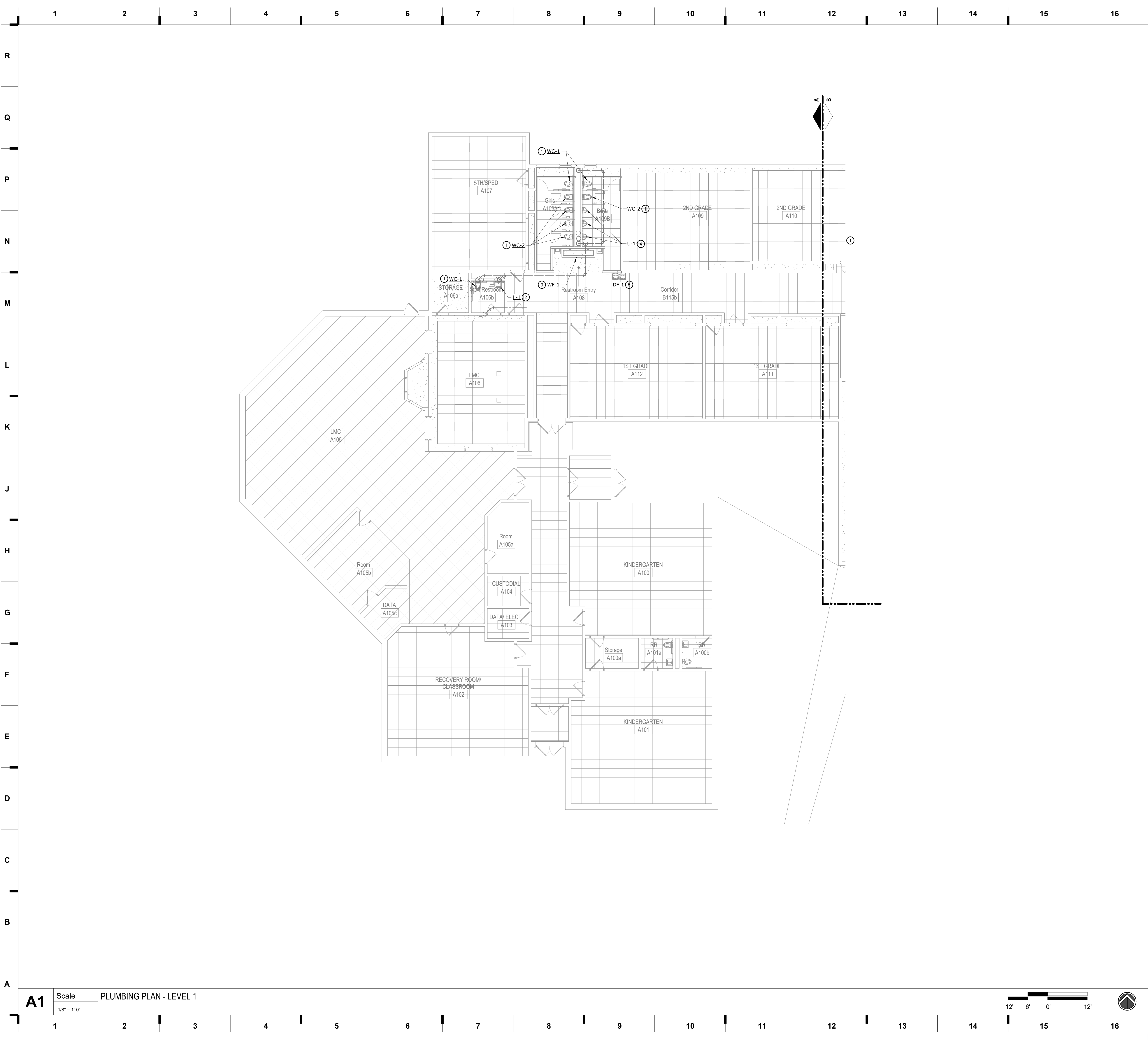
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KEY PLAN



UNDERSLAB PLUMBING PLAN - LEVEL 1 - AREA B



A1 Scale PLUMBING PLAN - LEVEL 1
1/8" = 1'-0"

SHEET KEYNOTE LEGEND

GENERAL NOTES:

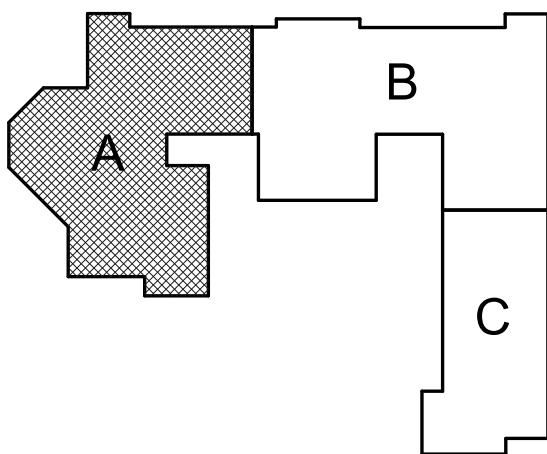
1. REFER TO SHEET P100B FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

- ① EXTEND AND CONNECT NEW 1-1/4" CW, 2" V, AND 4" SAN FOR NEW WATER CLOSET TO EXISTING PLUMBING PIPING.
② EXTEND AND CONNECT NEW 1/2" CW, 1/2" HW, 1-1/2" V, AND 2" SAN FOR NEW LAVATORY/SINK TO EXISTING PLUMBING PIPING.
③ EXTEND AND CONNECT NEW 1/2" CW, 1/2" HW, 1-1/2" V, AND 2" SAN FOR NEW WASH FOUNTAIN TO EXISTING PLUMBING PIPING.
④ EXTEND AND CONNECT NEW 3/4" CW, 1-1/2" V, AND 2" SAN FOR NEW URINAL TO EXISTING PLUMBING PIPING.
⑤ EXTEND AND CONNECT NEW 1/2" CW, 1-1/2" V, AND 2" SAN FOR NEW DRINKING FOUNTAIN TO EXISTING PLUMBING PIPING.

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engineers
25618 west 103rd St. olathe, ks 66061
phone 913.345.2127 fax 913.345.0617
project number 2314712

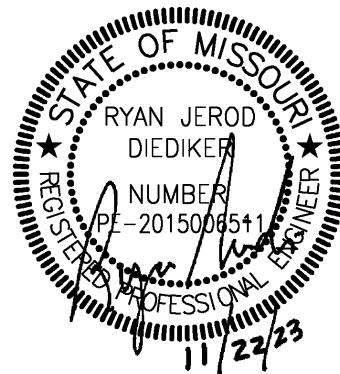
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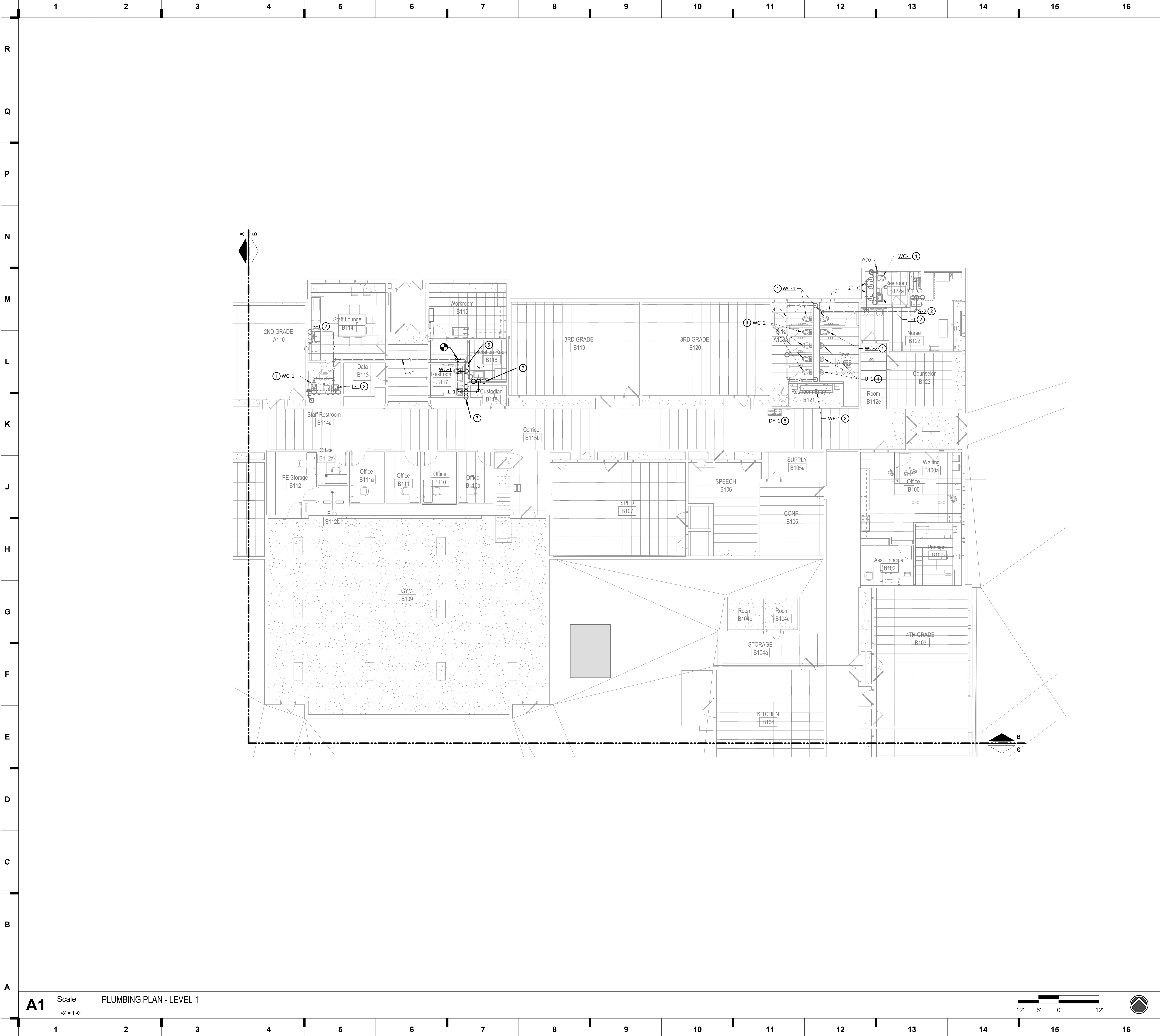
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Bob D Campbell
State Certificate of Authority #000442
4338 Belleview Ave.
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816.531.4144

Smith & Boucher
Mechanical/Electrical/Plumbing
State Certificate of Authority #EGC000178
25618 West 103rd St.
Olathe, KS 66061
913.345.2127 phone



SHEET KEYNOTE LEGEND

GENERAL NOTES:
1. REFER TO SHEET P100B FOR ADDITIONAL GENERAL NOTES.

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② EXTEND AND CONNECT NEW 1/2" CW, 1/2" HW, 1-1/2" V, AND 2" SAN FOR NEW LAVATORY/SINK TO EXISTING PLUMBING PIPING.
③ EXTEND AND CONNECT NEW 1/2" CW, 1/2" HW, 1-1/2" V, AND 2" SAN FOR NEW WASH FOUNTAIN TO EXISTING PLUMBING PIPING.
④ EXTEND AND CONNECT NEW 3/4" CW, 1-1/2" V, AND 2" SAN FOR NEW URINAL TO EXISTING PLUMBING PIPING.
⑤ EXTEND AND CONNECT NEW 1/2" CW, 1-1/2" V, AND 2" SAN FOR NEW DRINKING FOUNTAIN TO EXISTING PLUMBING PIPING.
⑥ 1-1/2" CW AND 4" SAN FROM BELOW TO WATER CLOSET. 2" V DOWN TO WATER CLOSET.
⑦ 1/2" CW, 1/2" HW, AND 2" SAN FROM BELOW TO LAVATORY/SINK. 1-1/2" V DOWN TO LAVATORY/SINK.

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Bob D Campbell
State Certificate of Authority #000442
4338 Belleview Ave
Kansas City, MO 64111
816.531.4144
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Mechanical/Electrical/Plumbing
State Certificate of Authority #EGC000178
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Overland Park, KS 66201
913.345.2127 phone

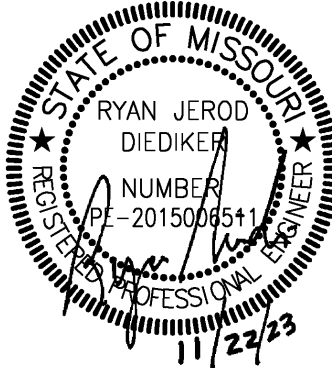
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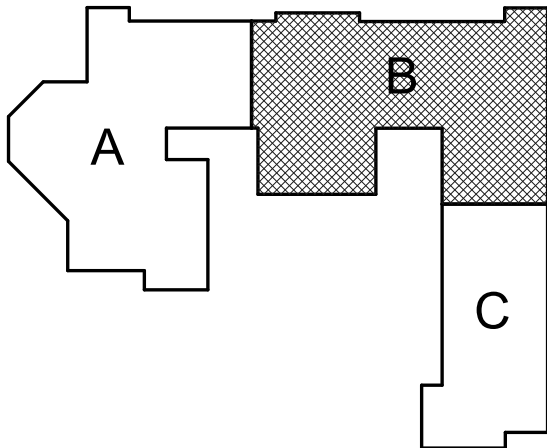
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engineers
25616 West 103rd St. Overland Park, KS 66201
phone 913.345.2127 fax 913.345.0817
project number 2314712

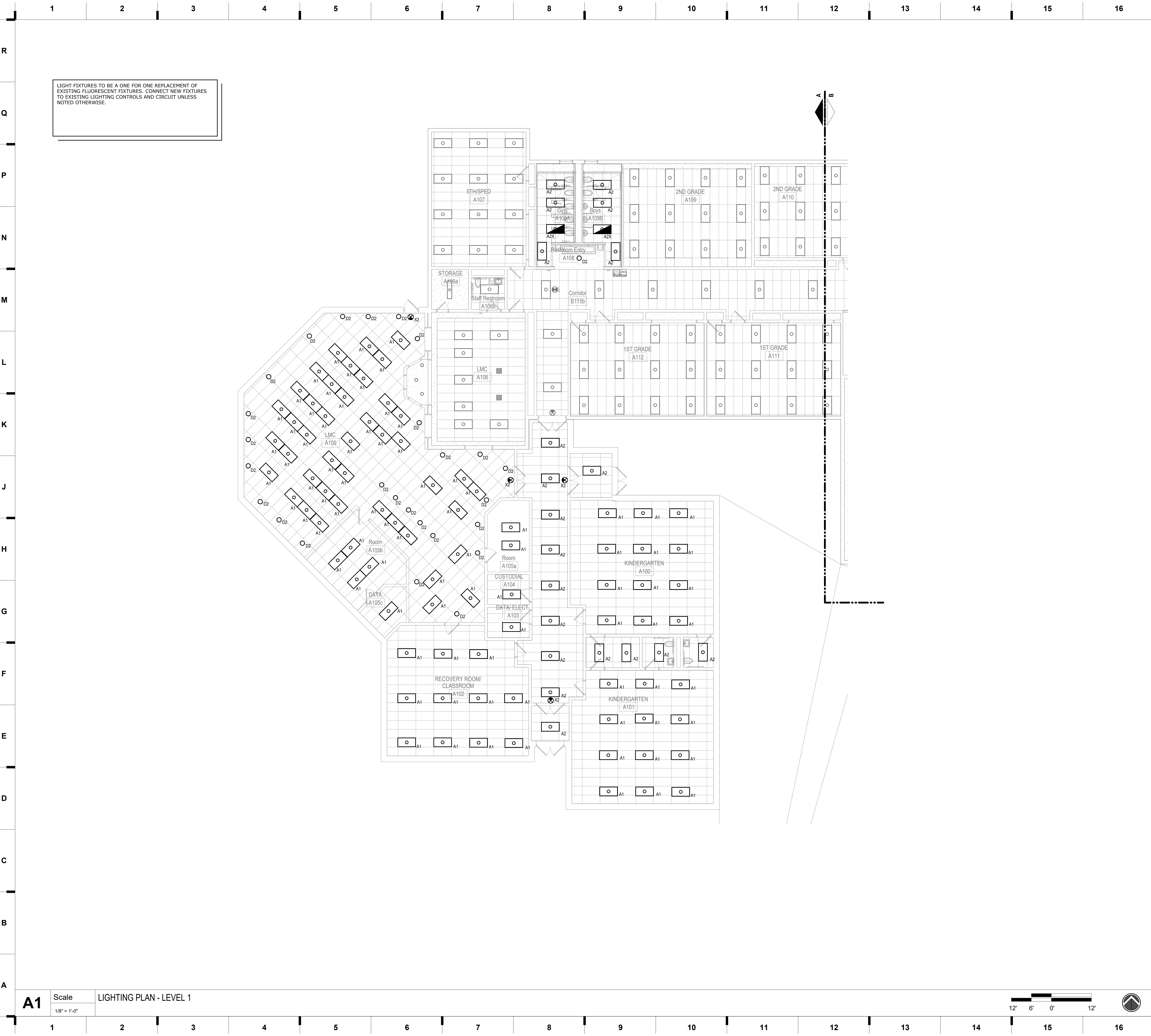


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LIGHT FIXTURES TO BE A ONE FOR ONE REPLACEMENT OF EXISTING FLUORESCENT FIXTURES. CONNECT NEW FIXTURES TO EXISTING LIGHTING CONTROLS AND CIRCUIT UNLESS NOTED OTHERWISE.

SHEET KEYNOTE LEGEND

- GENERAL NOTES:**
- FOR DIAMOND PLAN NOTES REFER TO LIGHTING CONTROL SCHEDULE ON SHEET E300 FOR ADDITIONAL INFORMATION.
 - FURNISH AND INSTALL ALL REQUIRED LOW VOLTAGE CONTROL WIRING BETWEEN OCCUPANCY SENSORS, POWER PACKS, WALL SWITCHES, ROOM CONTROLLERS, ETC. WITHIN EACH SPACE AS REQUIRED.
 - 120V BRANCH CIRCUITING SHALL BE AS FOLLOWS, UNLESS NOTED OTHERWISE.

0'-100' = #12 AWG
101'-150' = #10AWG
151'-250' = #8 AWG
250'-400' = #6 AWG

GROUND CONDUCTOR AND RACEWAYS SHALL BE INCREASED AS REQUIRED.
 - ALL CONDUIT TO BE CONCEALED WHEREVER PHYSICALLY POSSIBLE. WHERE EXPOSED CONDUIT IS MANDATORY, IT SHALL BE INSTALLED PARALLEL AND PERPENDICULAR TO STRUCTURAL MEMBERS, WALLS, SOFFITS, ETC. ALL GROUPS OF EXPOSED CONDUIT SHALL BE INSTALLED AS CLOSE TOGETHER AS POSSIBLE. EXPOSED CONDUIT SHALL BE INSTALLED IN A CLEAN AND WORKMANLIKE MANNER. EXPOSED CONDUIT IS DEFINED AS ANY CONDUIT NOT CONCEALED WITHIN WALLS OR ABOVE EITHER A LAY-IN OR HARD LID CEILING. ALL SURFACE CONDUIT AND/OR PAINTABLE SURFACE RACEWAY TO BE PAINTED TO MATCH THE WALL SURFACE IT IS MOUNTED TO.
 - REFER TO ARCHITECTURAL FLOOR PLANS AND REFLECTED CEILING PLANS FOR EXACT MOUNTING LOCATIONS OF ALL WALL MOUNTED ELECTRICAL DEVICES.
 - ALL EMERGENCY JUNCTION BOXES AND RACEWAY MUST BE MARKED WITH PERMANENT RED "EMERGENCY" STICKERS TO READILY IDENTIFY THEM AS A COMPONENT OF THE EMERGENCY SYSTEM (NEC 700.10), INSTALL ON EACH JUNCTION BOX COVER AND ON RACEWAY AT INTERVALS NOT EXCEEDING 25'-0". RACEWAYS WITHIN WALLS, BELOW SLABS, AND ABOVE NON-ACCESSIBLE CEILING AREAS DO NOT NEED TO BE MARKED.
 - CIRCUIT ALL EMERGENCY BATTERY DRIVERS AND FIXTURE TYPE "E" AND "X" WITH AN UNSWITCHED HOT CONDUCTOR.
 - CONNECT ALL TYPE "E" AND "X" FIXTURES TO ASSOCIATED ROOM LIGHTING CIRCUIT.
 - NEW PANEL LOADING HAS BEEN MADE CONSERVATIVELY IN ORDER TO AVOID OVERLOADING A PANEL OR ITS UPSTREAM PANELS AND FEEDERS. IF A PANEL IS FOUND TO BE OVERLOADED OR NEAR FULLY LOADED DURING NEW LOAD CONNECTION AND PHASE BALANCING, THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR ALTERNATIVE CIRCUITING.

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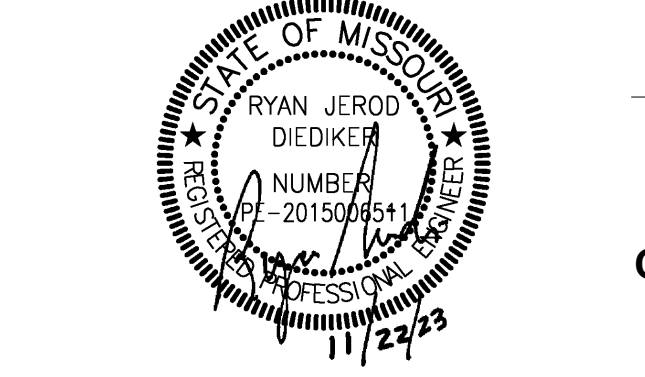
Structural Engineer
Bob D Campbell
State Certificate of Authority #000442
4338 Bellevue Ave
Kansas City, MO 64111
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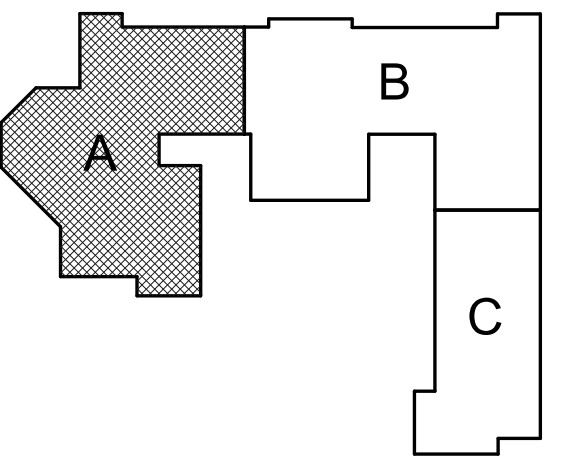
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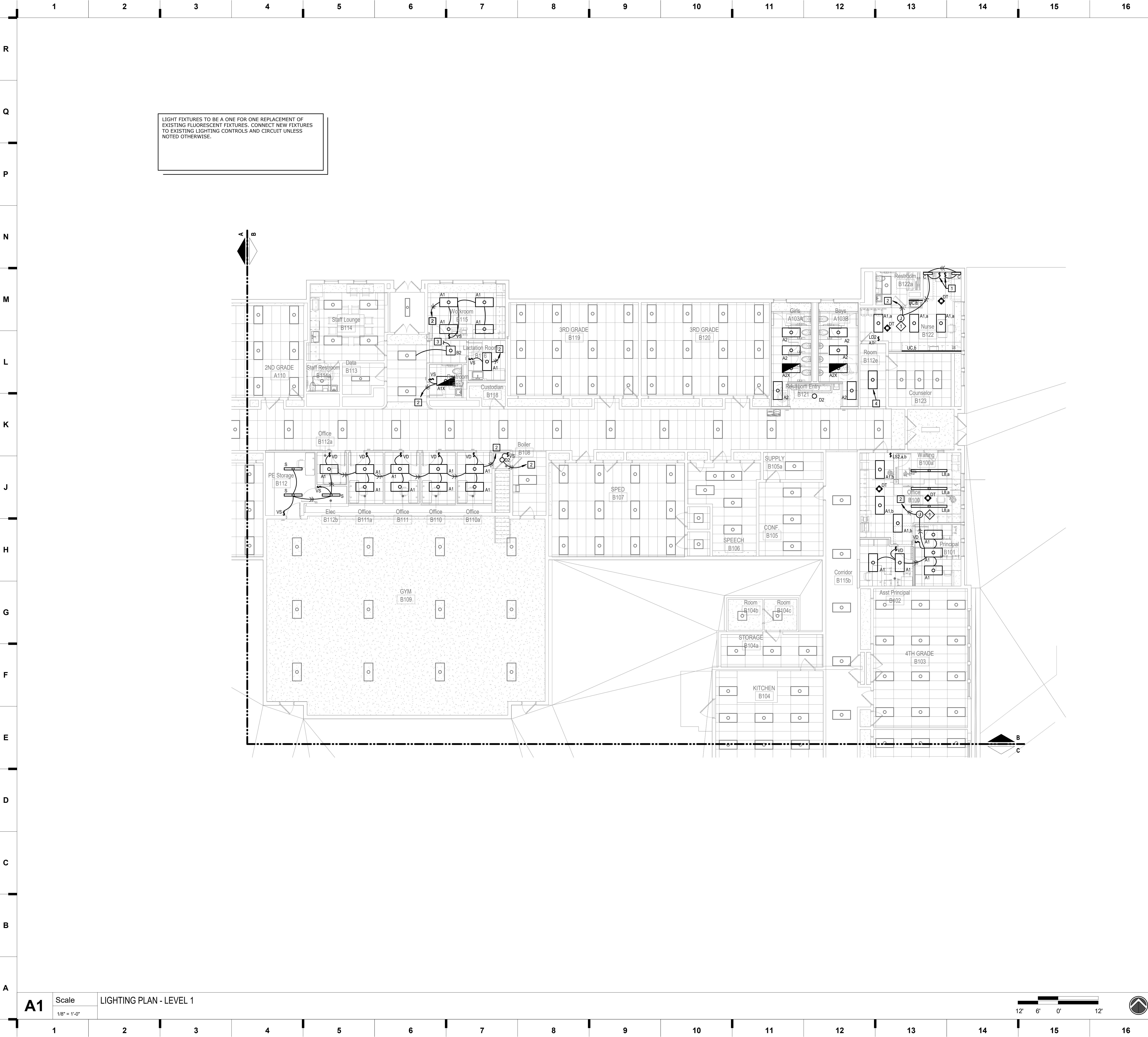
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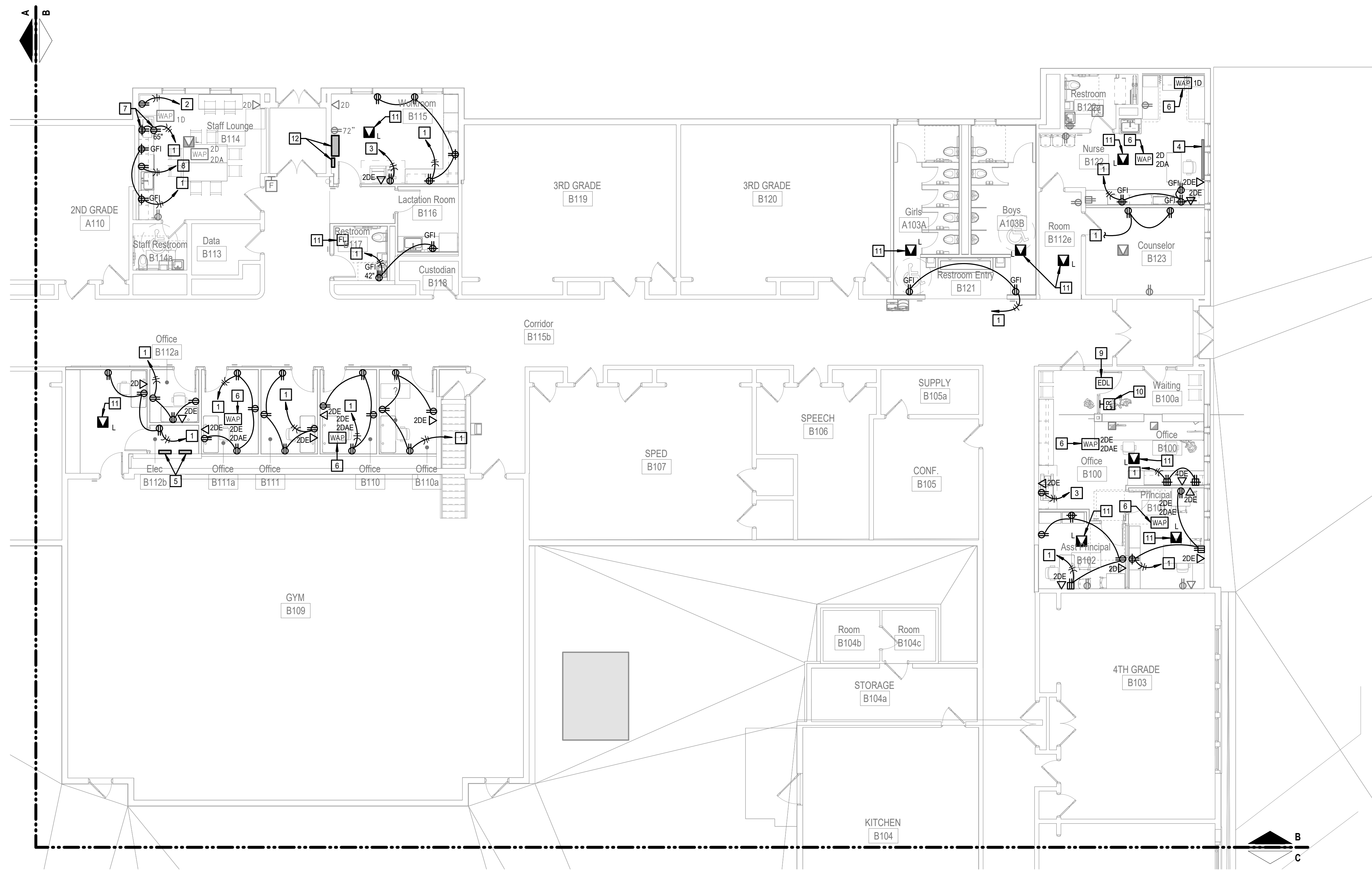
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KEY PLAN









SHEET KEYNOTE LEGEND

GENERAL NOTES:

REFER TO SHEET E101A FOR ADDITIONAL INFORMATION.

PLAN NOTES:

1. CONNECT NEW DEVICES TO EXISTING CIRCUIT(S) SERVING ROOM.
2. DEDICATED RECEPTACLE FOR REFRIGERATOR. CONNECT TO SPARE 20A/1P CIRCUIT BREAKER IN PANEL SERVING ROOM. PROVIDE CIRCUIT BREAKER WITH GFI PROTECTION.
3. DEDICATED RECEPTACLE FOR PRINTER. CONNECT TO EXISTING CIRCUIT SERVING ROOM.
4. EXISTING WALL MOUNTED RECEPTACLE PLUGMOLD SYSTEM.
5. EXISTING ELECTRICAL PANELS TO BE RELOCATED AS SHOWN. EXTEND AND RECONNECT CONDUCTORS.
6. EXISTING WIRELESS ACCESS POINT TO BE REINSTALLED.
7. RECEPTACLE FOR MICROWAVE. COORDINATE EXACT MOUNTING HEIGHT AND LOCATION WITH ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH IN.
8. DEDICATED RECEPTACLE FOR DISHWASHER. CIRCUIT WITH 20A/1P CIRCUIT BREAKER IN PANEL SERVING ROOM. PROVIDE CIRCUIT BREAKER WITH GFI PROTECTION.
9. ELECTRIC DOOR LOCK LOCATION. PROVIDE CONTROL CABLING PER SPECIFICATIONS. ROUTE BACK TO DOOR CONTROL HEAD END PANEL. COORDINATE EXIST REQUIREMENTS WITH OWNER AND ARCHITECT.
10. CARD READER MOUNTED AT 48" AFF. ROUTE IN 1-1/4" CONDUIT COORDINATE PATHWAY WITH DOOR HARDWARE PROVIDER.
11. SALVAGED FIRE ALARM DEVICE TO BE REINSTALLED. CONNECT TO EXISTING FIRE ALARM WIRING AND CIRCUITRY.
12. EXISTING FIRE ALARM PANEL TO BE REINSTALLED.

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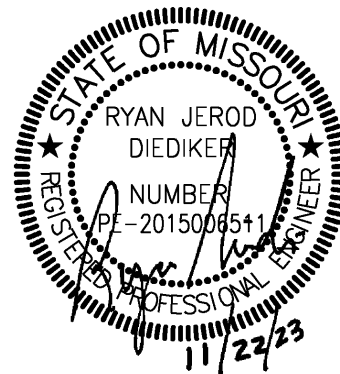
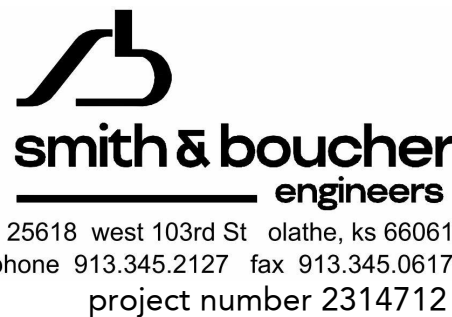
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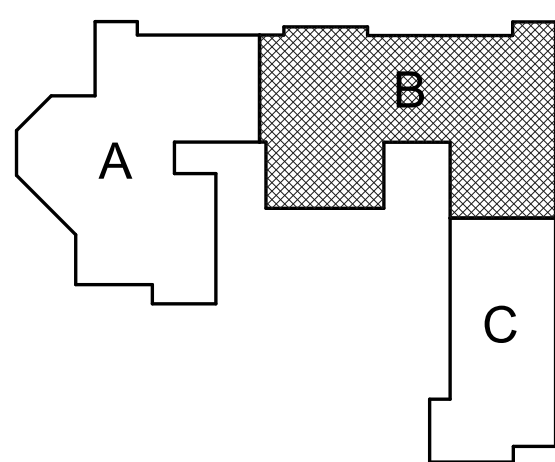


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KEY PLAN



POWER PLAN - LEVEL 1 - AREA B

