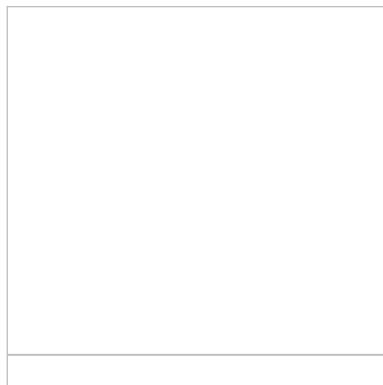
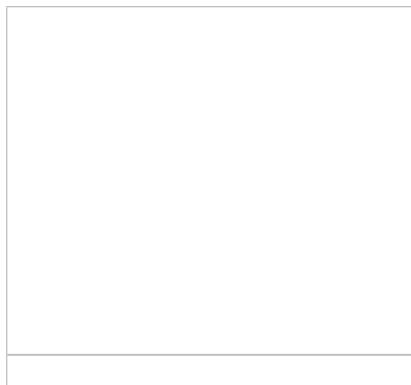


WARNER PARK COMMUNITY RECREATION CENTER EXPANSION

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Credit	NC	Notes	Yes	Maybe	No
Integrative Process	Req	Assess 2 strategies from 7 energy related systems Assess the water source and demand from 4 components		1	
Location and Transportation					
LEED Neighborhood Development	NA	Not applicable to project			16
Sensitive Land Protection	1				
Option 1 - Previously developed					
Option 2 - avoidance of sensitive land			1		
High Priority Site	NA	None of the 3 options are applicable			2
Surrounding Density & Diverse Use					
Surrounding Density	0 of possible 3				3
Diverse Use	2 of possible 2		2		
Access to Quality Transit		No bus stops within .25 miles			5
Bicycle Facilities		Long-term bicycle storage for 5% of regular occupants	1		
Reduced parking footprint		20% reduction of tables 18-2 - 18-4	1		
Green Vehicles		5% EV installed or 10% EV ready	1		
Sustainable sites					
Construction Activity Pollution Prevention Prerequisite					
Site Assessment			1		
Site Development - Protect or Restore					2
Open Space		30% site outdoor space - 25% of that to be vegetative	1		
Rainwater management		Determine percentile managed onsite		3	
Heat island reduction		Non-roof measures and high-reflectance roof		2	
Light pollution reduction		Up light and light trespass			1

Water Efficiency

Outdoor water use reduction Prerequisite				
Indoor water use reduction prerequisite				
Building level water metering				
Outdoor water use reduction	No irrigation required	2		
Indoor water use reduction	further reduction by 25%, 30%, and 35%		4	2
Cooling tower water use	No cooling towers			2
Water metering <i>Does the City do this already?</i>	Track water consumption		1	

Energy and Atmosphere

Fundamental commissioning prerequisite				
Minimum energy performance prerequisite				
Building-level energy metering prerequisite				
Fundamental refrigerant management prerequisite				
Enhanced commissioning	Enhanced commissioning + Envelope commissioning	6		
Optimize energy performance	Improved energy performance	8	10	
Advanced energy metering <i>Does the City do this already?</i>			1	
Demand response	Demand response availability			2
Renewable energy production	10% of annual energy cost - Get with solar panels	3		
Enhanced refrigerant management	No or low-impact refrigerant	1		
Green power and carbon offsets	Purchase green power		2	

Materials and Resources

Storage and collection of recyclables prerequisite				
Construction and demolition waste management prerequisite				
Building life-cycle impact reduction	Whole building life-cycle assessment		3	2
Building product disclosure and optimization - environmental declaration	20 different products from 5 manufactures	1	1	
Building product disclosure and optimization - sourcing of raw materials	20 different products from 5 manufactures	1	1	
Building product disclosure and optimization - material ingredients	20 different products from 5 manufactures	1	1	
Construction and demolition waste management	No more than 2.5 lbs of construction waste per SF	2		

Indoor Environmental Quality

Minimum indoor air quality performance prerequisite				
Environmental tobacco smoke control prerequisite				
Enhanced indoor air quality strategies	Enhanced and additional enhanced strategies	2		
Low-emitting materials	4 categories - paints, adhesives, flooring, insulation	3		
Construction indoor air quality management plan	Indoor air quality management plan	1		
Indoor air quality assessment	Flush-out or air testing of expansion	1	1	
Thermal comfort		1		
ASHRAE Standard 55-2010				
Interior lighting	Light control and light quality	1	1	
Daylighting	75% of occupied floor area	1	2	
Quality views				1
75% of occupied floor area	must have 2 of 4 types of views			
Acoustic performance	HVAC background, sound transmission, reverb time	1		

Innovation

Innovation credit	Possible 1 - 3 points max of 5 for Innovation			5
Pilot program credits	Possible 1 - 3 points max of 5 for Innovation			
Exemplary performance credits	Possible 1 - 3 points max of 5 for Innovation			
LEED accredited professional		1		

Regional Priority

Regional priority credits	Yes - Bicycle Facilities, Green Vehicles, Sensitive Land	4		
	Yes - Energy Performance			
		50	33	27

**WARNER PARK
COMMUNITY
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1625 NORTHPORT DRIVE
MADISON, WI 53704

CITY OF MADISON PARKS DIVISION
CITY-COUNTY BUILDING, ROOM 104
210 MARTIN LUTHER KING JR. BLVD
MADISON, WI 53703

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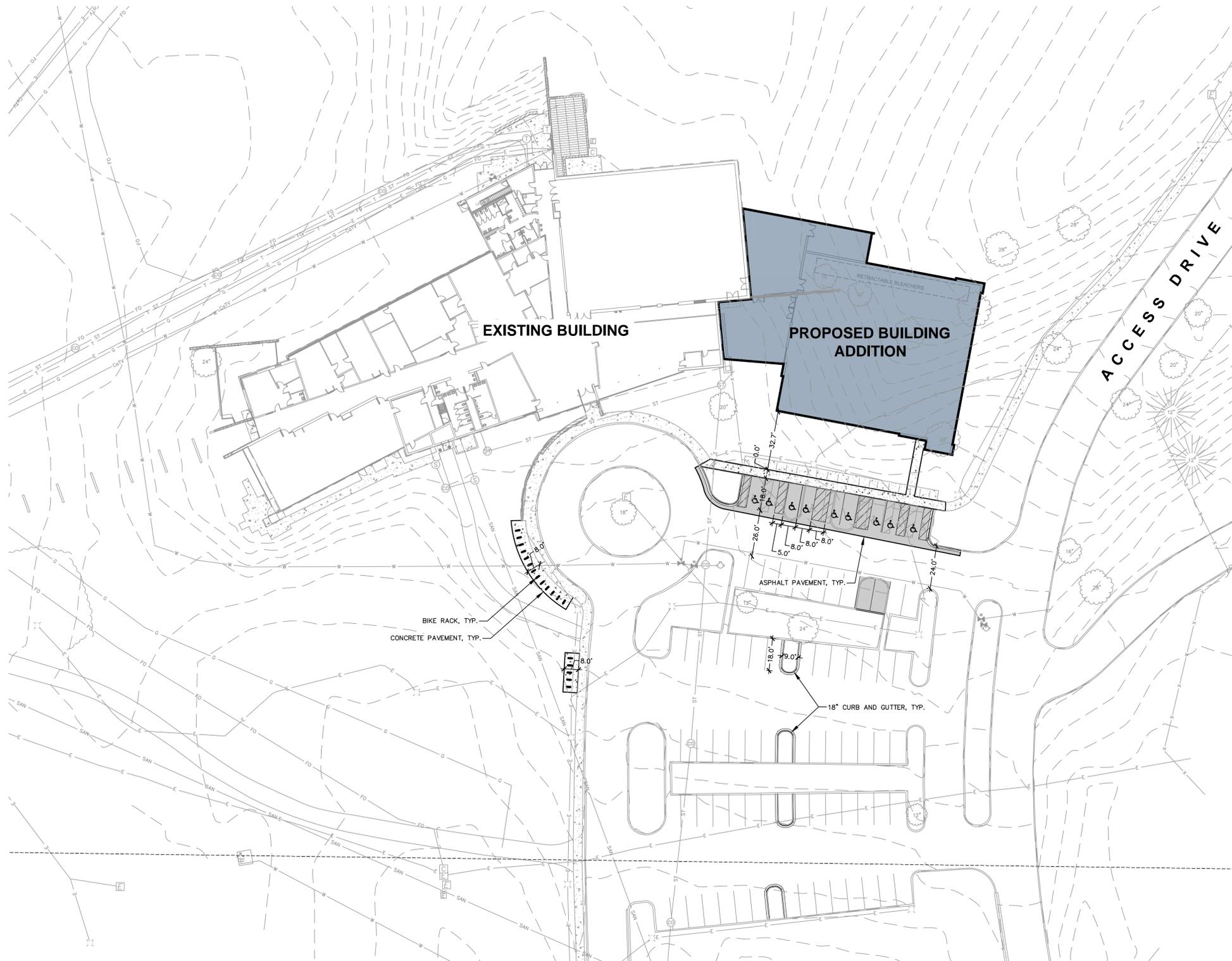
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OVERALL SITE PLAN



LEGEND

	PROPERTY LINE
	RIGHT-OF-WAY
	EASEMENT LINE
	BUILDING OUTLINE
	EDGE OF PAVEMENT
	STANDARD CURB AND GUTTER
	ASPHALT PAVEMENT
	CONCRETE PAVEMENT
	BIKE RACK



C300

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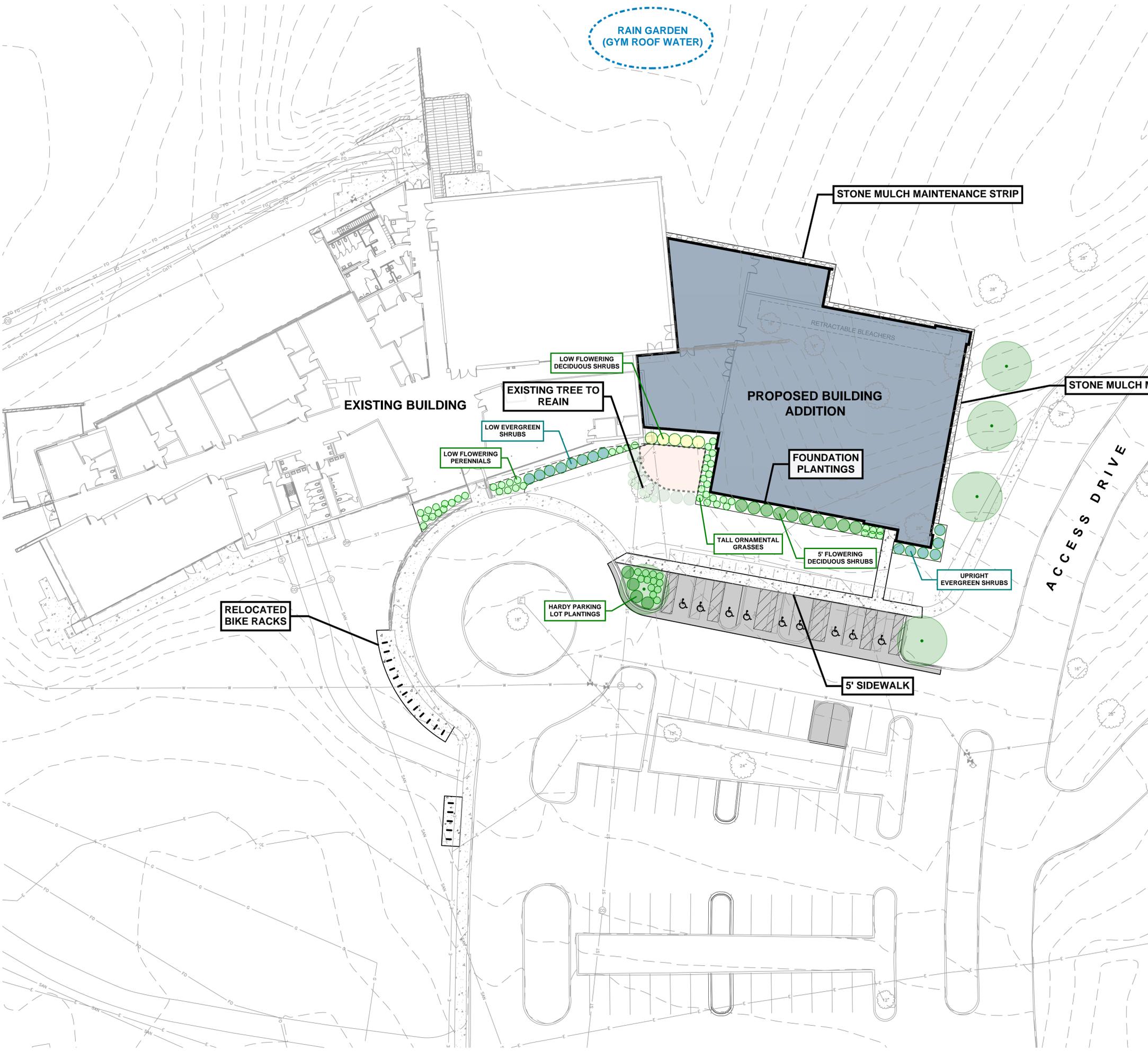
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**OVERALL LANDSCAPE
PLAN**



LEGEND

	PROPERTY LINE
	RIGHT-OF-WAY
	EASEMENT LINE
	BUILDING OUTLINE
	EDGE OF PAVEMENT
	STANDARD CURB AND GUTTER
	ASPHALT PAVEMENT
	CONCRETE PAVEMENT
	BIKE RACK



L100

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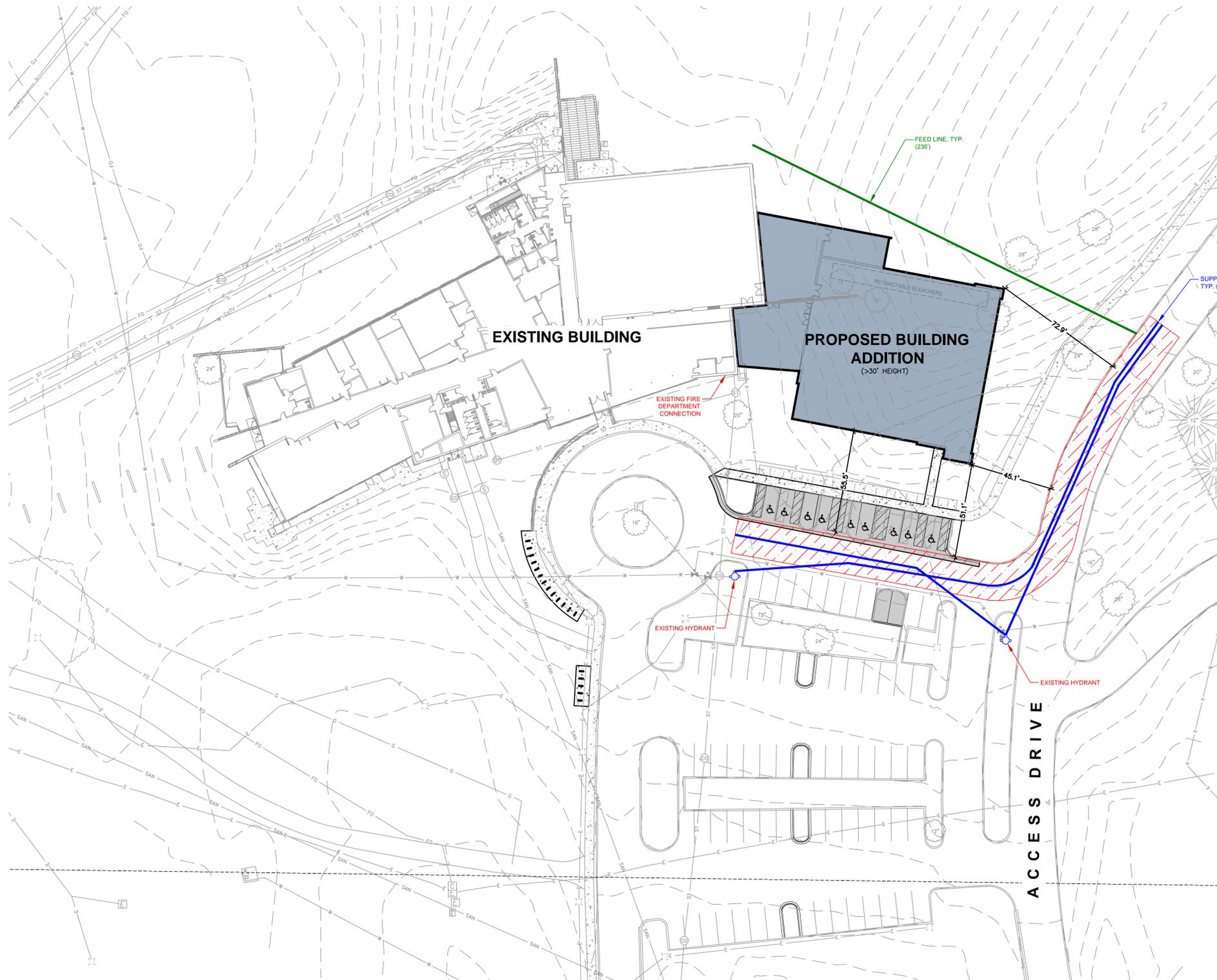
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FIRE ACCESS EXHIBIT





City of Madison Fire Department
314 W Dayton Street, Madison, WI 53703
Phone: 608-266-4420 • Fax: 608-267-1100 • E-mail: fire@cityofmadison.com

Project Address: 1625 NORTHPORT DR. MADISON, WI 53704
Contact Name & Phone #: KEVIN YESKA (608-848-5060)

FIRE APPARATUS ACCESS AND FIRE HYDRANT WORKSHEET

1. Is the building completely protected by an NFPA 13 or 13R automatic fire sprinkler system? If non-sprinklered, fire lanes extend to within 150-feet of all portions of the exterior wall? If sprinklered, fire lanes are within 250-feet of all portions of the exterior wall?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
2. Is the fire lane constructed of concrete or asphalt, designed to support a minimum load of 85,000 lbs? a) Is the fire lane a minimum unobstructed width of at least 20-feet? b) Is the fire lane unobstructed with a vertical clearance of at least 13½-feet? c) Is the minimum inside turning radius of the fire lane at least 28-feet? d) Is the grade of the fire lane not more than a slope of 8%? e) Is the fire lane posted as fire lane? (Provide detail of signage.) f) Is a roll-able curb used as part of the fire lane? (Provide detail of curb.) g) Is part of a sidewalk used as part of the required fire lane? (Must support +85,000 lbs.)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
3. Is the fire lane obstructed by security gates or barricades? If yes: a) Is the gate a minimum of 20-foot clear opening? b) Is an approved means of emergency operations installed, key vault, padlock or key switch?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
4. Is the Fire Lane dead-ended with a length greater than 150-feet? If yes, does the area for turning around fire apparatus comply with IFC D103?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
5. Is any portion of the building to be used for high-piled storage in accordance with IFC Chapter 3206.6 If yes, see IFC 3206.6 for further requirements.	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
6. Is any part of the building greater than 30-feet above the grade plane? If yes, answer the following questions: a) Is the aerial apparatus fire lane parallel to one entire side of the building and covering at least 25% of the perimeter? b) Is the near edge of the aerial apparatus fire lane between 15' and 30' from the building? c) Are there any overhead power or utility lines located across the aerial apparatus fire lane? d) Are there any tree canopies expected to grow across the aerial fire lane? (Based on mature canopy width of tree species) e) Does the aerial apparatus fire lane have a minimum unobstructed width of 26-feet? f) Is the space between the aerial lane and the building free of trees exceeding 20' in heights?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
7. Are all portions of the required fire lanes within 500-feet of at least (2) hydrants? <i>Note: Distances shall be measured along the path of the hose lay as it comes off the fire apparatus.</i> a) Is the fire lane at least 26' wide for at least 20-feet on each side of the hydrants? b) Is there at least 40' between a hydrant and the building? c) Are the hydrant(s) setback no less than 5-feet nor more than 10-feet from the curb or edge of the street or fire lane? d) Are hydrants located in parking lot islands a minimum of 3½-feet from the hydrant to the curb? e) Are there no obstructions, including but not limited to: power poles, trees, bushes, fences, posts located, or grade changes exceeding 1½-feet, within 5-feet of a fire hydrant? <i>Note: Hydrants shall be installed and in-service prior to combustible construction on the project site.</i>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

Attach an additional sheet if further explanation is required for any answers.
This worksheet is based on MGO 34.503 and IFC 2021 Edition Chapter 5 and Appendix D; please see the codes for further information.

Revised 06/2022

- LEGEND**
- PROPERTY LINE
 - - - RIGHT-OF-WAY
 - - - EASEMENT LINE
 - ▭ BUILDING OUTLINE
 - ▭ EDGE OF PAVEMENT
 - ▭ STANDARD CURB AND GUTTER
 - ▭ ASPHALT PAVEMENT
 - ▭ CONCRETE PAVEMENT
 - ▭ 20' WIDE FIRE LANE
 - ▭ 26' WIDE FIRE LANE - AERIAL APPARATUS
 - ⊕ HYDRANT LOCATION



EXHIBIT

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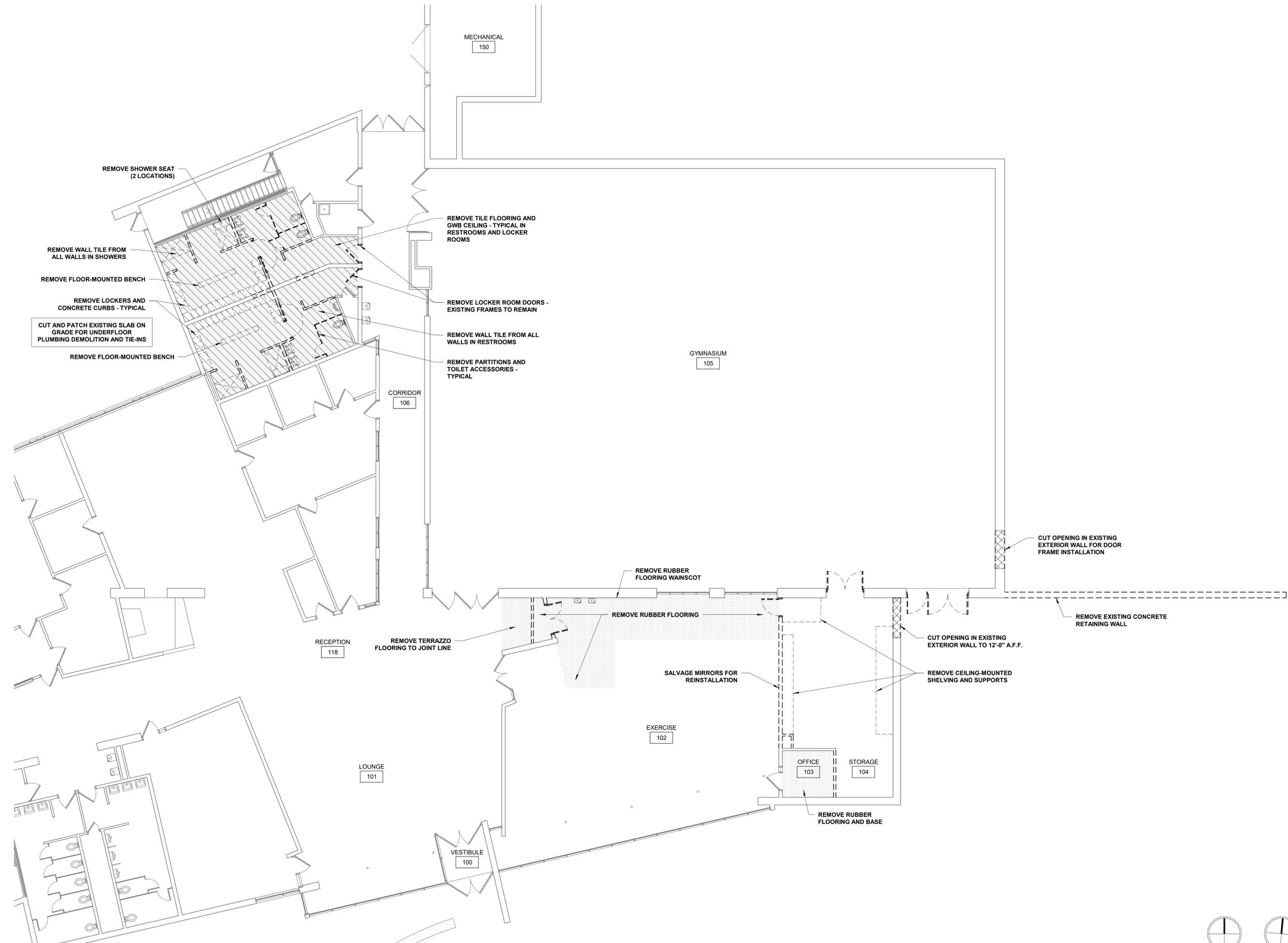
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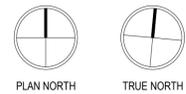
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**PARTIAL DEMOLITION
PLAN**



1 FIRST FLOOR PARTIAL DEMOLITION PLAN
SCALE: 1/8" = 1'-0"



A101

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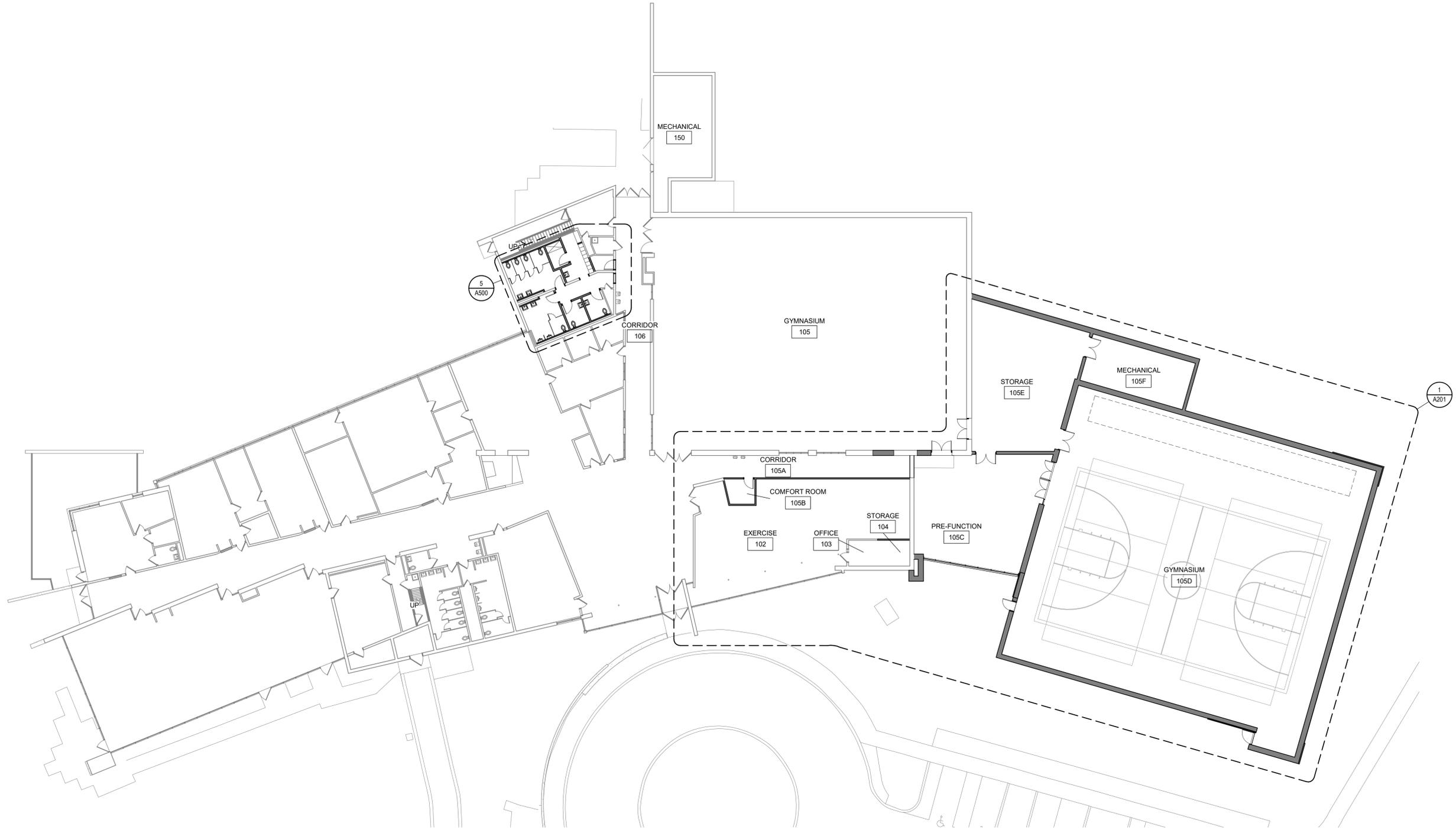
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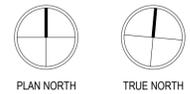
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OVERALL FLOOR PLAN



1 FIRST FLOOR PLAN
SCALE: 1/16" = 1'-0"



A200

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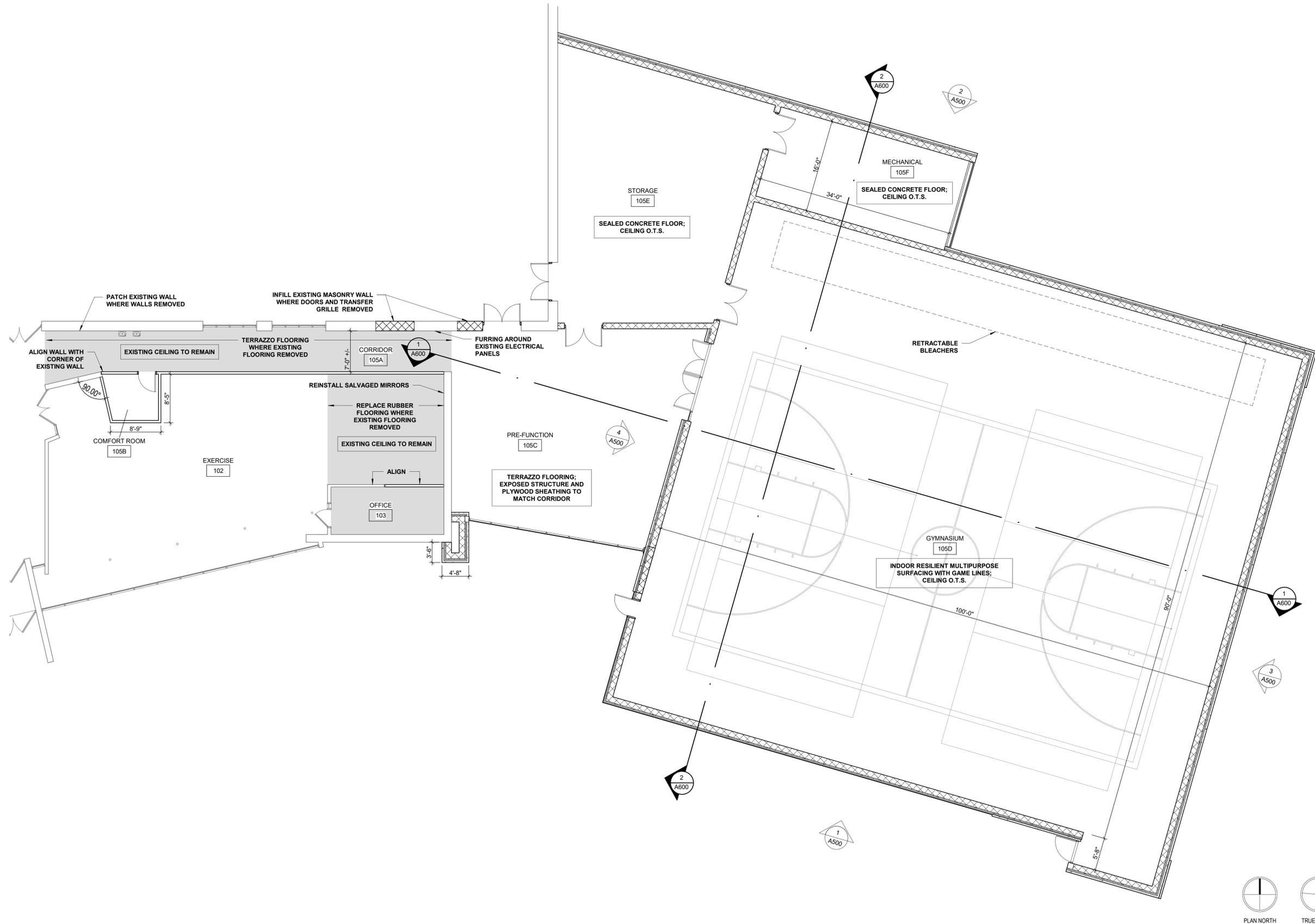
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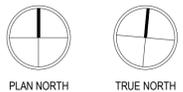
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EXPANSION FLOOR PLAN



1 ENLARGED PLAN - EXPANSION
SCALE: 1/8" = 1'-0"



A201

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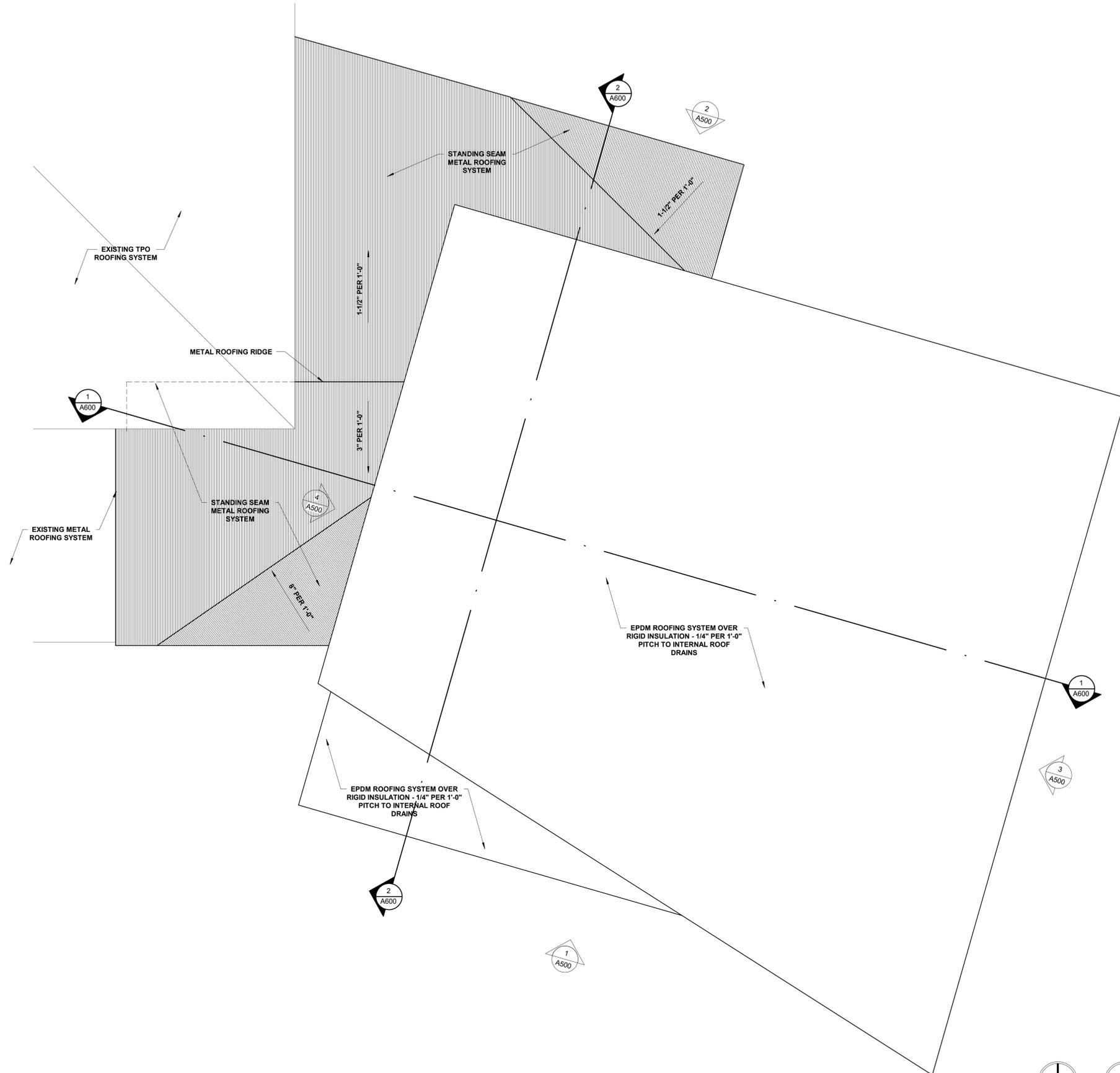
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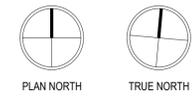
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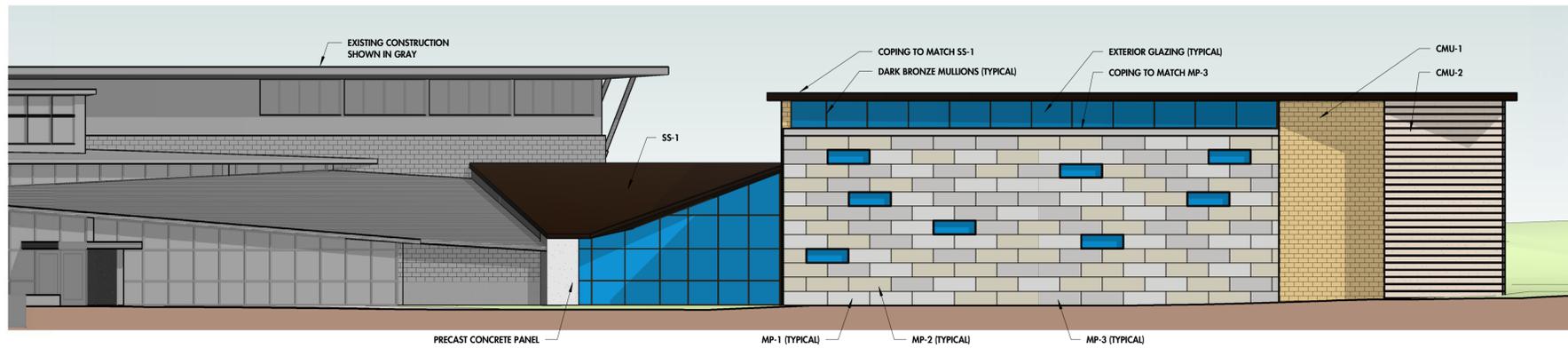
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EXPANSION ROOF PLAN

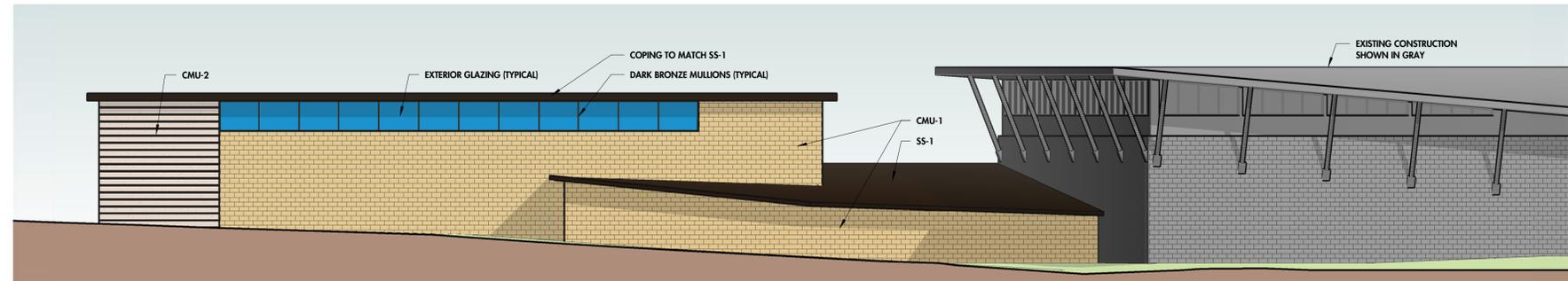


1 EXPANSION ROOF PLAN
SCALE: 1/8" = 1'-0"

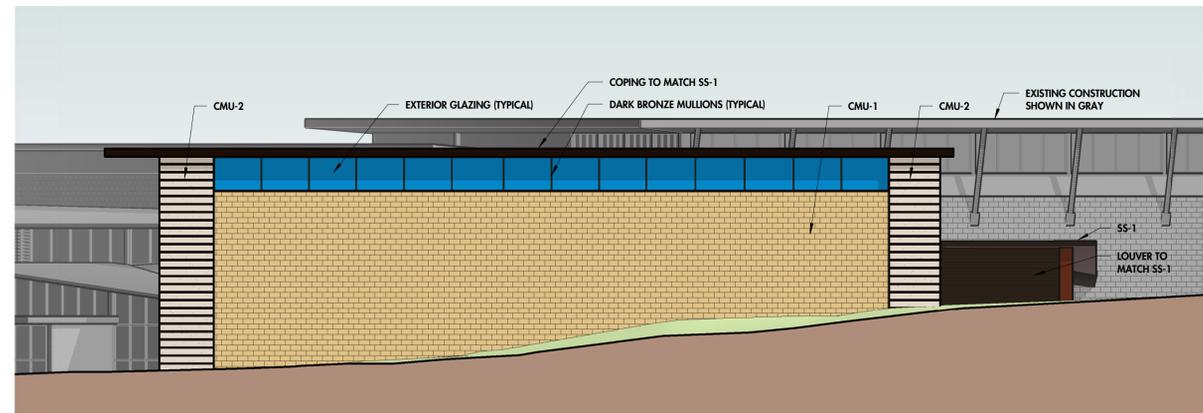




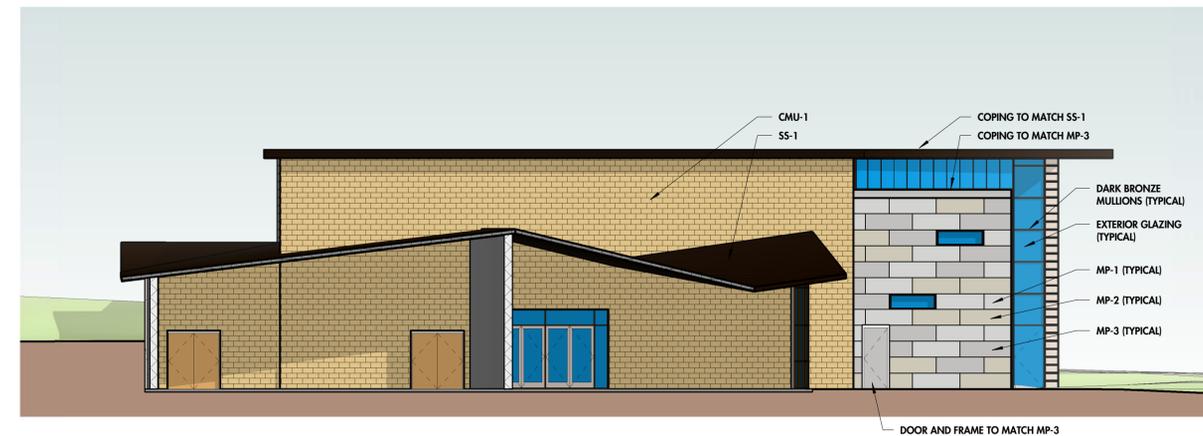
1 SOUTH ELEVATION
SCALE: 3/32" = 1'-0"



2 NORTH ELEVATION
SCALE: 3/32" = 1'-0"



3 EAST ELEVATION
SCALE: 3/32" = 1'-0"



4 WEST ELEVATION
SCALE: 3/32" = 1'-0"

EXTERIOR FINISH LEGEND

CMU-1	COUNTY MATERIALS DECORATIVE CONCRETE MASONRY COLOR: 18-121C BISQUE (MATCHED TO EXISTING) TEXTURE: SPLITFACE 8" x 16" RUNNING BOND PATTERN
CMU-2	ARRISCRAFT THIN-CLAD RENAISSANCE UNITS COLOR: OAK RIDGE TEXTURE: SMOOTH 12" x 24" RUNNING BOND PATTERN
MP-1	DRI-DESIGN EN-V METAL PANEL SYSTEM COLOR: EN-V 008 CITYSCAPE 24" x 72" RUNNING BOND PATTERN
MP-2	DRI-DESIGN EN-V METAL PANEL SYSTEM COLOR: DRI-005 SIERRA TAN 24" x 72" RUNNING BOND PATTERN
MP-3	DRI-DESIGN EN-V METAL PANEL SYSTEM COLOR: EN-V 009 SLATE GRAY 24" x 72" RUNNING BOND PATTERN
SS-1	STANDING SEAM METAL ROOF DARK BRONZE FINISH TO MATCH EXISTING

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CITY OF MADISON PARKS DIVISION
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210 MARTIN LUTHER KING JR. BLVD
MADISON, WI 53703

PROJECT NUMBER 223471.00

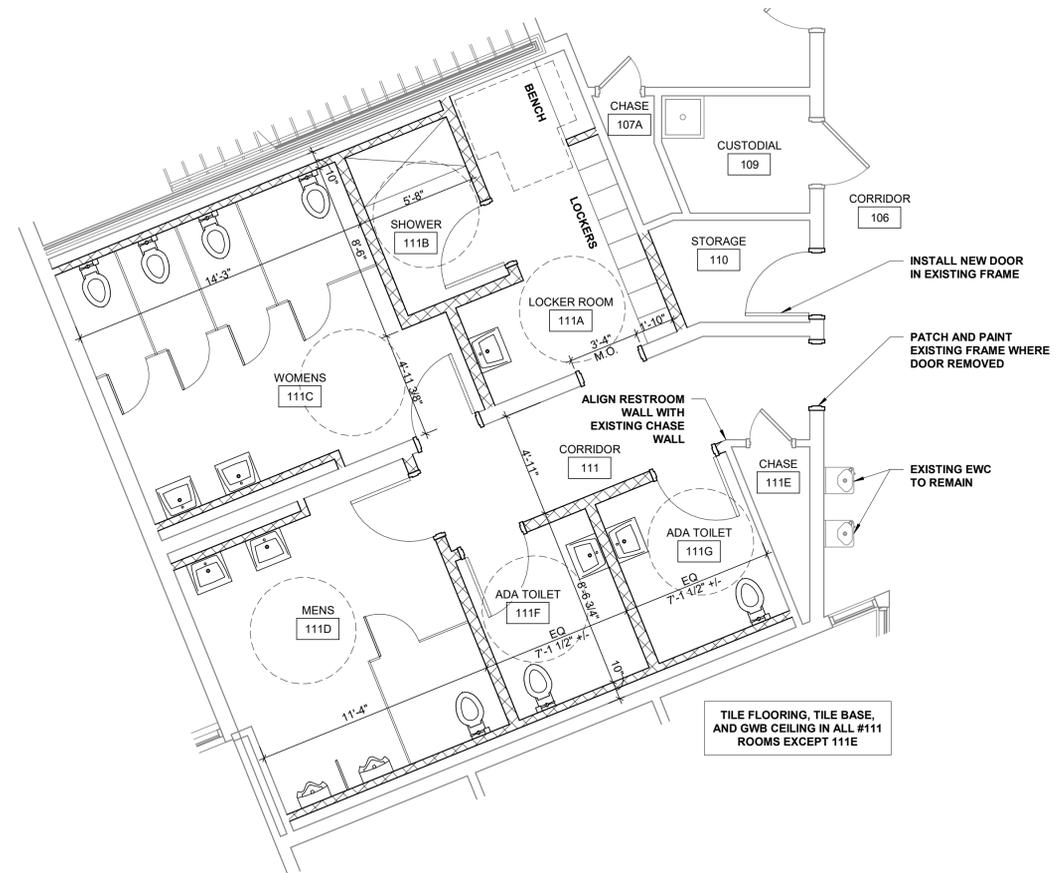
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5 ENLARGED PLAN - RESTROOMS
SCALE: 1/4" = 1'-0"

**EXTERIOR ELEVATIONS &
ENLARGED PLANS**

DRAWN BY Author

CHECKED BY Checker

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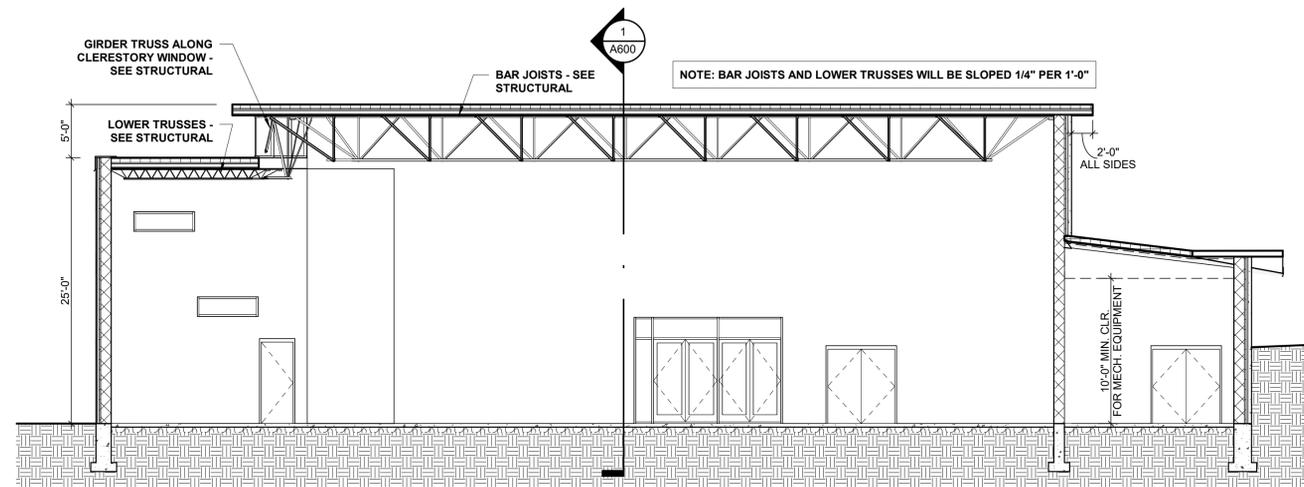
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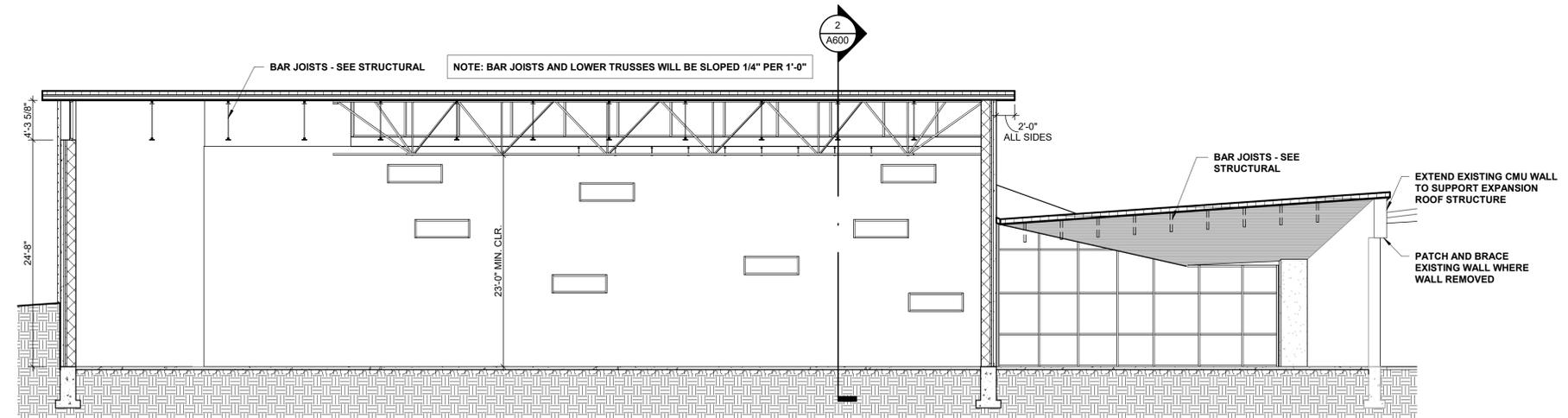
DRAWN BY _____ Author

CHECKED BY _____ Checker

BUILDING SECTIONS



2 NORTH-SOUTH EXPANSION SECTION
SCALE: 1/8" = 1'-0"



1 EAST-WEST EXPANSION SECTION
SCALE: 1/8" = 1'-0"

A600



OVERHEAD VIEW FROM SOUTH



NOTE: SOME TREES HIDDEN FOR CLARITY.

VIEW FROM SOUTHWEST

WARNER PARK COMMUNITY RECREATION CENTER EXPANSION



NOTE: SOME TREES HIDDEN FOR CLARITY.

VIEW FROM SOUTHEAST



NOTE: SOME TREES HIDDEN FOR CLARITY.

VIEW FROM ENTRY DRIVE

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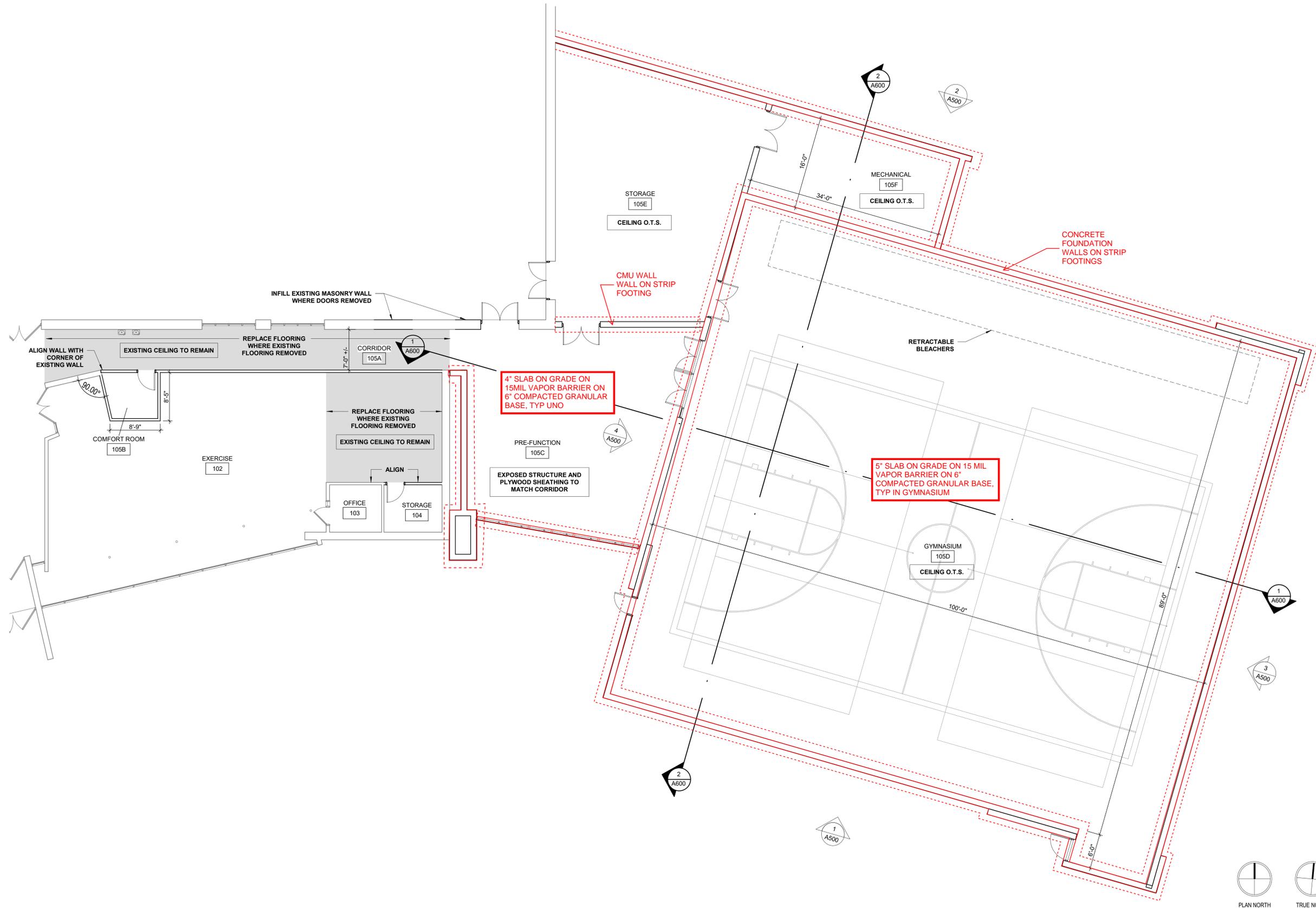
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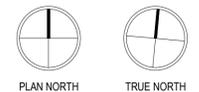
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EXPANSION FLOOR PLAN



1 FOUNDATION PLAN - EXPANSION
SCALE: 1/8" = 1'-0"



S200

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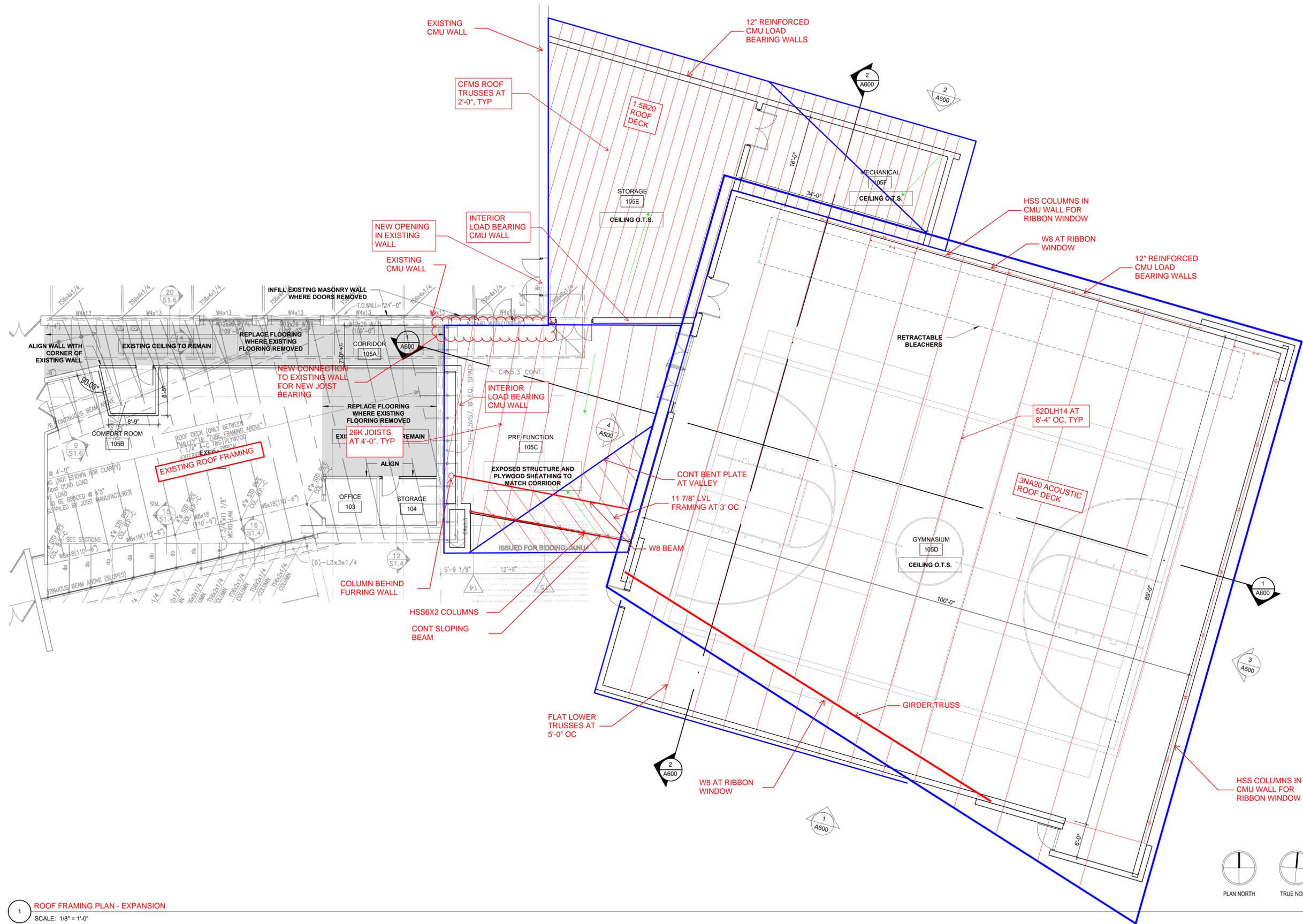
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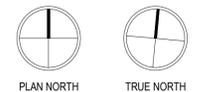
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EXPANSION FLOOR PLAN



1 ROOF FRAMING PLAN - EXPANSION
SCALE: 1/8" = 1'-0"

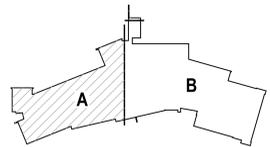


S201

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**UNDERGROUND PLAN -
PLUMBING DEMOLITION**

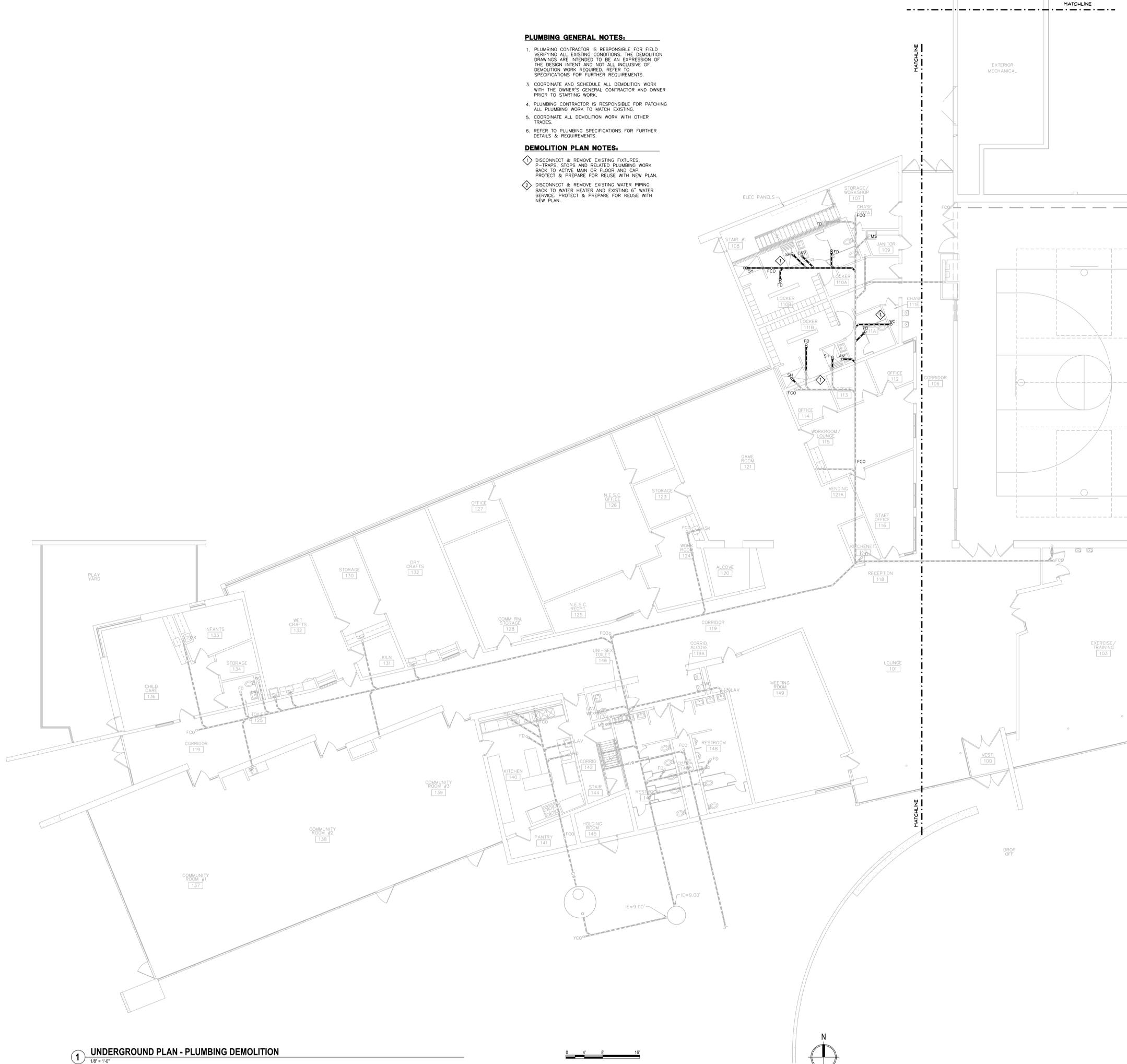
PD001A

PLUMBING GENERAL NOTES:

1. PLUMBING CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL EXISTING CONDITIONS. THE DEMOLITION DRAWINGS ARE INTENDED TO BE AN EXPRESSION OF THE DESIGN INTENT AND NOT ALL INCLUSIVE OF DEMOLITION WORK REQUIRED. REFER TO SPECIFICATIONS FOR FURTHER REQUIREMENTS.
3. COORDINATE AND SCHEDULE ALL DEMOLITION WORK WITH THE OWNER'S GENERAL CONTRACTOR AND OWNER PRIOR TO STARTING WORK.
4. PLUMBING CONTRACTOR IS RESPONSIBLE FOR PATCHING ALL PLUMBING WORK TO MATCH EXISTING.
5. COORDINATE ALL DEMOLITION WORK WITH OTHER TRADES.
6. REFER TO PLUMBING SPECIFICATIONS FOR FURTHER DETAILS & REQUIREMENTS.

DEMOLITION PLAN NOTES:

- ◇ DISCONNECT & REMOVE EXISTING FIXTURES, P-TRAPS, STOPS AND RELATED PLUMBING WORK BACK TO ACTIVE MAIN OR FLOOR AND CAP. PROTECT & PREPARE FOR REUSE WITH NEW PLAN.
- ◇ DISCONNECT & REMOVE EXISTING WATER PIPING BACK TO WATER HEATER AND EXISTING 6" WATER SERVICE. PROTECT & PREPARE FOR REUSE WITH NEW PLAN.



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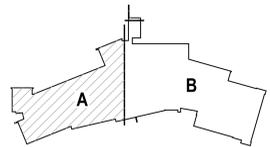
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PLUMBING GENERAL NOTES:

1. PLUMBING CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL EXISTING CONDITIONS. THE DEMOLITION DRAWINGS ARE INTENDED TO BE AN EXPRESSION OF THE DESIGN INTENT AND NOT ALL INCLUSIVE OF DEMOLITION WORK REQUIRED. REFER TO SPECIFICATIONS FOR FURTHER REQUIREMENTS.
2. COORDINATE AND SCHEDULE ALL DEMOLITION WORK WITH THE OWNER'S GENERAL CONTRACTOR AND OWNER PRIOR TO STARTING WORK.
3. COORDINATE ALL DEMOLITION WORK WITH OTHER TRADES.
4. PLUMBING CONTRACTOR IS RESPONSIBLE FOR PATCHING ALL PLUMBING WORK TO MATCH EXISTING.
5. REFER TO PLUMBING SPECIFICATIONS FOR FURTHER DETAILS & REQUIREMENTS.

DEMOLITION PLAN NOTES:

- ◇ DISCONNECT & REMOVE EXISTING FIXTURES, P-TRAPS, STOPS AND RELATED PLUMBING WORK BACK TO ACTIVE MAIN OR FLOOR AND CAP. PROTECT & PREPARE FOR REUSE WITH NEW PLAN.
- ◇ DISCONNECT & REMOVE EXISTING WATER PIPING BACK TO WATER HEATER AND EXISTING 6" WATER SERVICE. PROTECT & PREPARE FOR REUSE WITH NEW PLAN.



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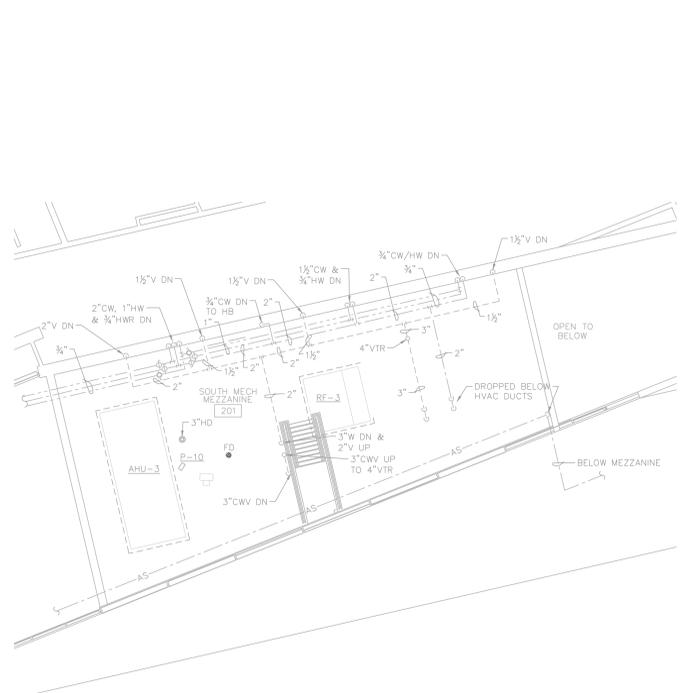
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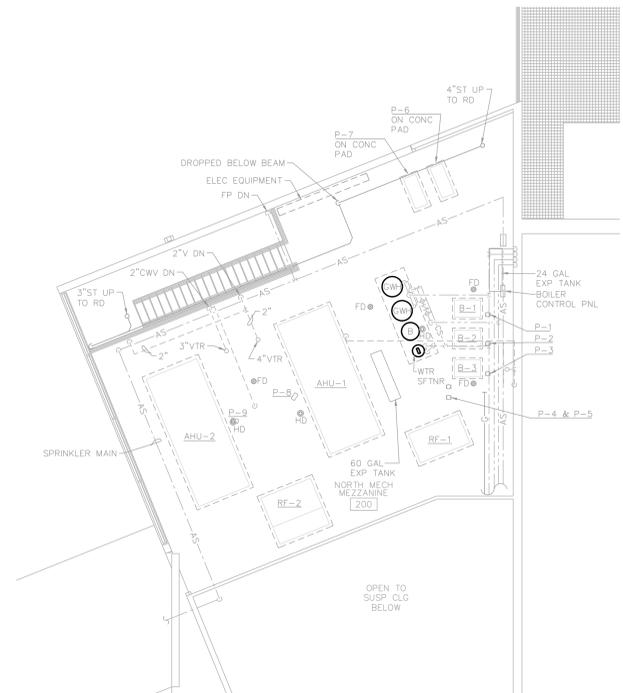
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FIRST FLOOR PLAN -
PLUMBING DEMOLITION

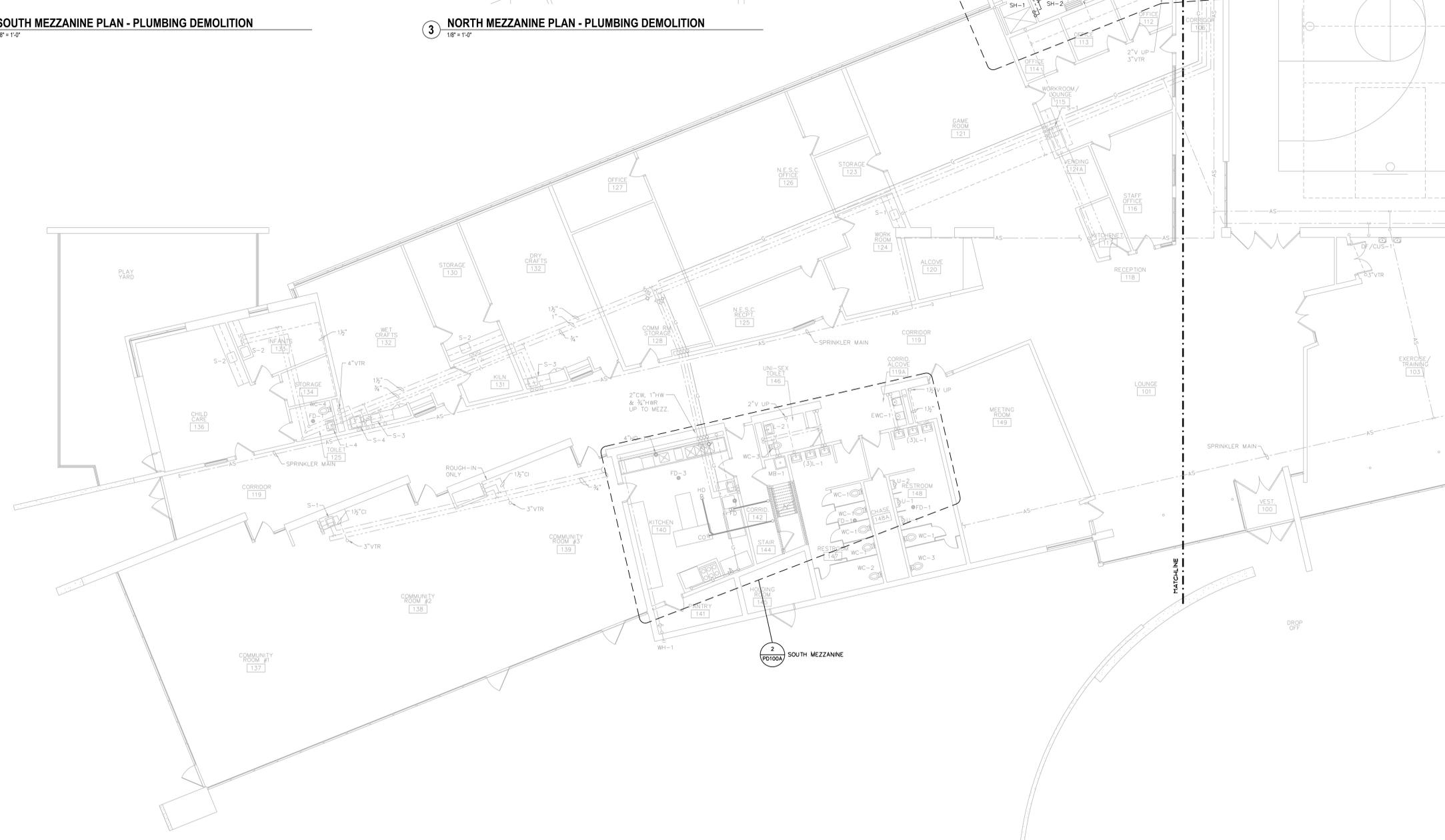
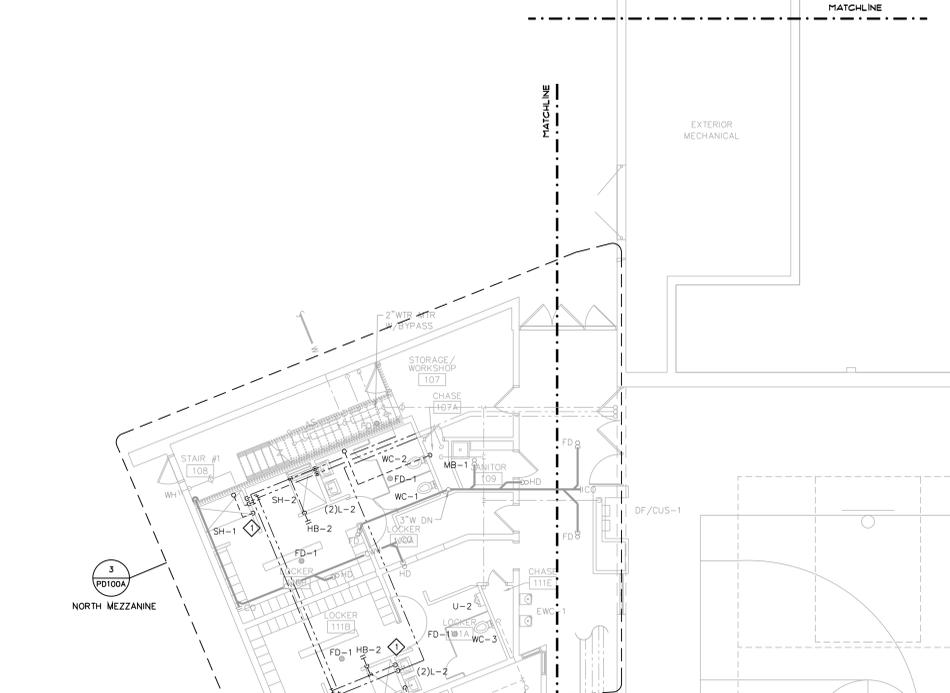
PD100A



2 SOUTH MEZZANINE PLAN - PLUMBING DEMOLITION
1/8" = 1'-0"



3 NORTH MEZZANINE PLAN - PLUMBING DEMOLITION
1/8" = 1'-0"



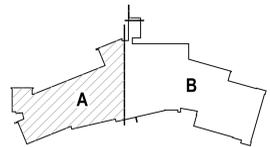
1 FIRST FLOOR PLAN - PLUMBING DEMOLITION
1/8" = 1'-0"



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FIRST FLOOR PLAN - PLUMBING

P100A



2 SOUTH MEZZANINE PLAN - PLUMBING
1/8" = 1'-0"

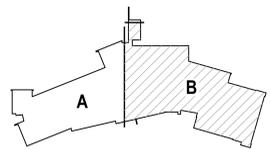
3 NORTH MEZZANINE PLAN - PLUMBING
1/8" = 1'-0"

1 FIRST FLOOR PLAN - PLUMBING
1/8" = 1'-0"

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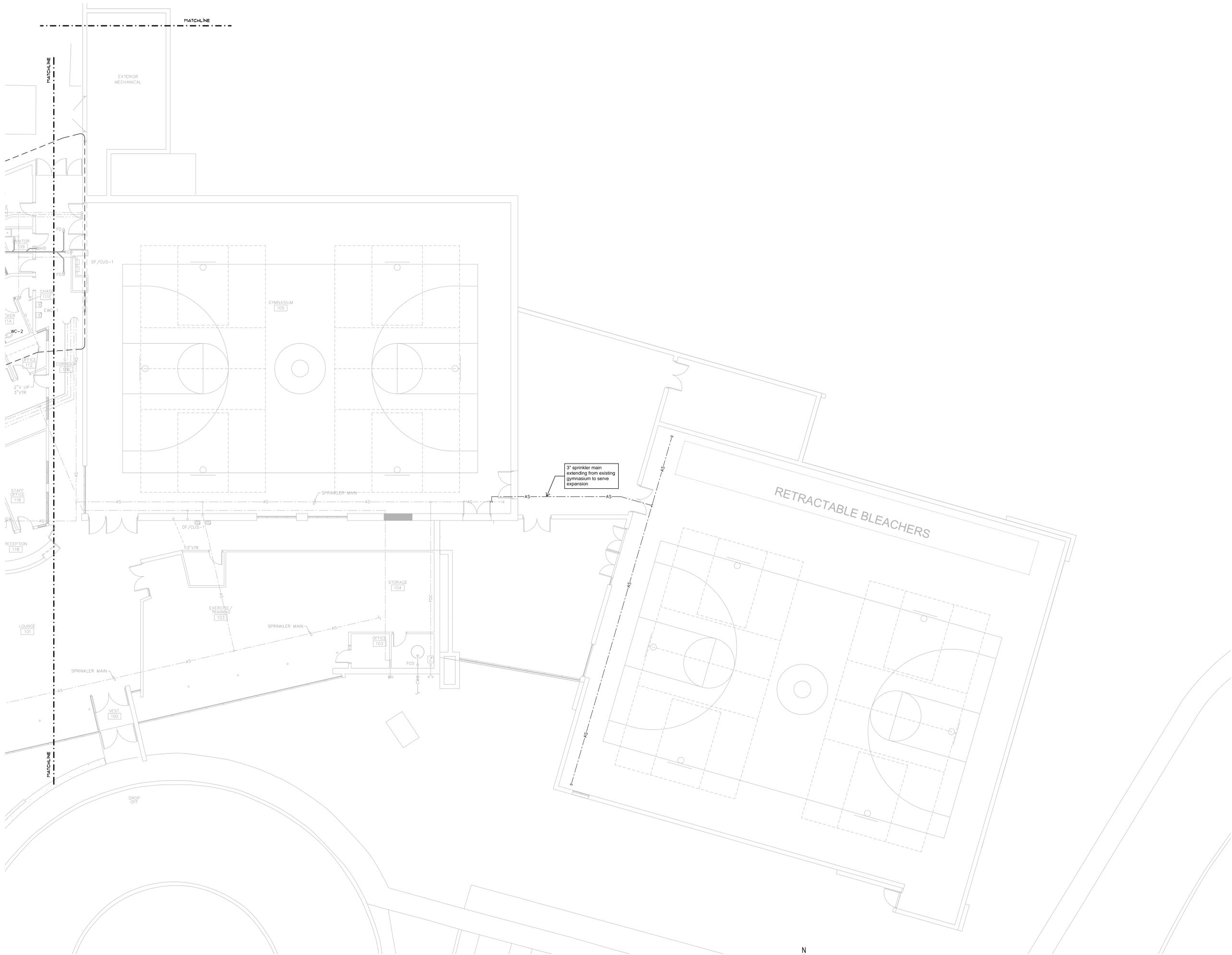
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**FIRST FLOOR PLAN -
PLUMBING**

P100B



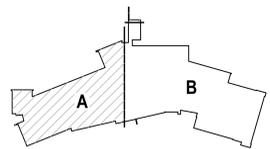
1 FIRST FLOOR PLAN - PLUMBING
1/8" = 1'-0"



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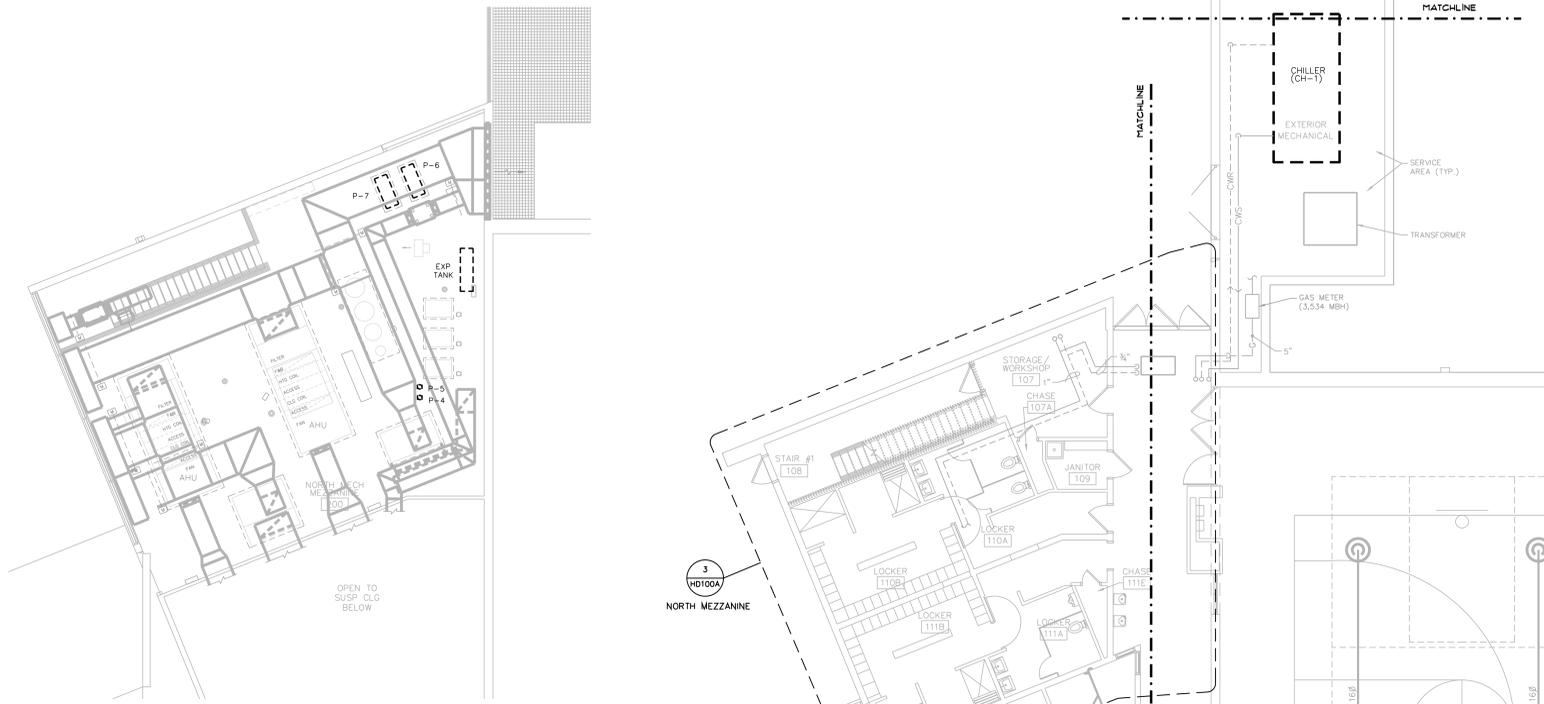
CHECKED BY: MH

FIRST FLOOR PLAN -
HVAC DEMOLITION

HD100A



2 SOUTH MEZZANINE PLAN - HVAC DEMOLITION
1/8" = 1'-0"



3 NORTH MEZZANINE PLAN - HVAC DEMOLITION
1/8" = 1'-0"



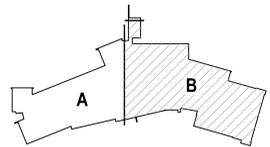
1 FIRST FLOOR PLAN - HVAC DEMOLITION
1/8" = 1'-0"



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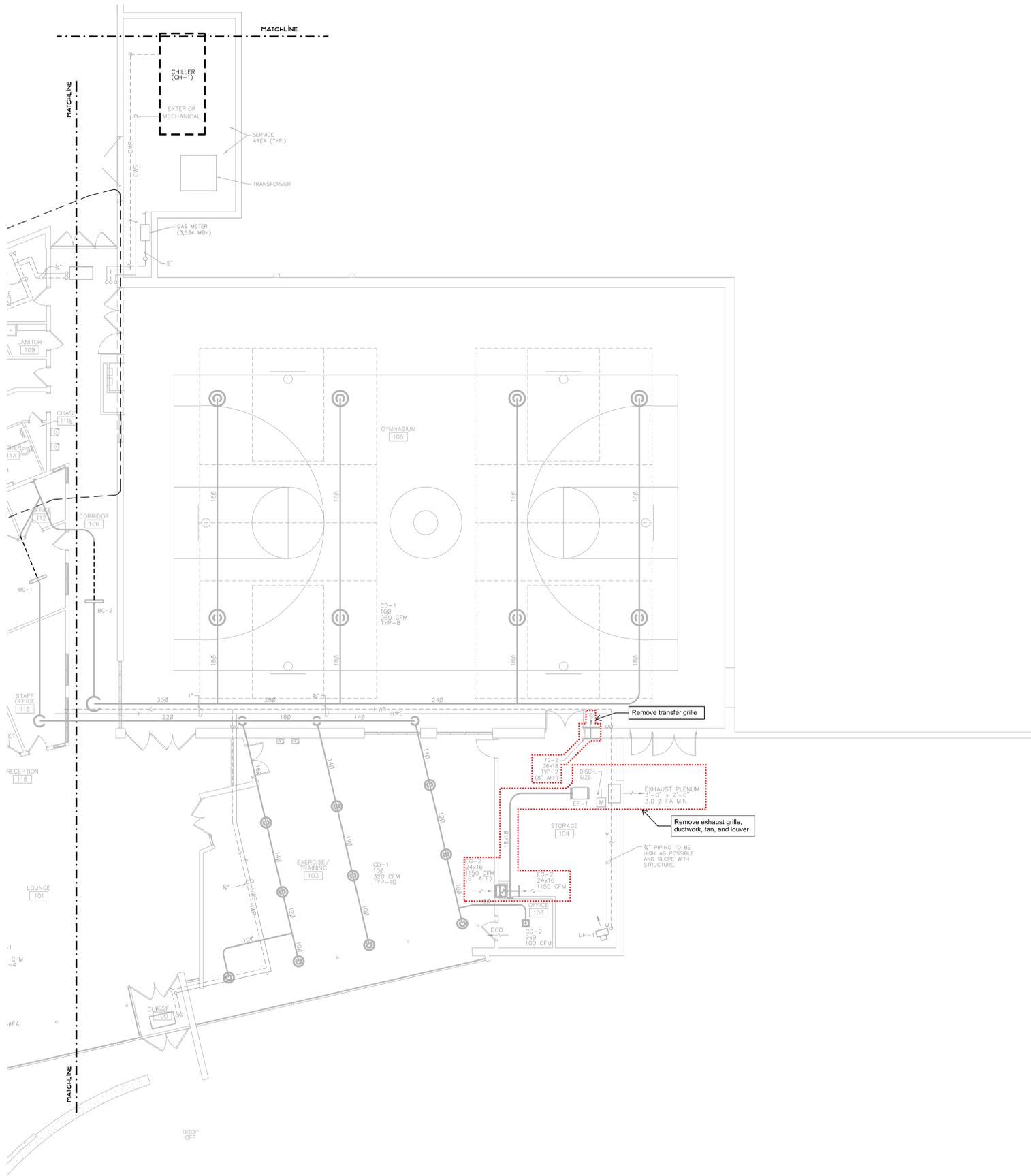
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FIRST FLOOR PLAN -
HVAC DEMOLITION

HD100B



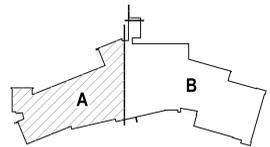
1 FIRST FLOOR PLAN - HVAC DEMOLITION
1/8" = 1'-0"



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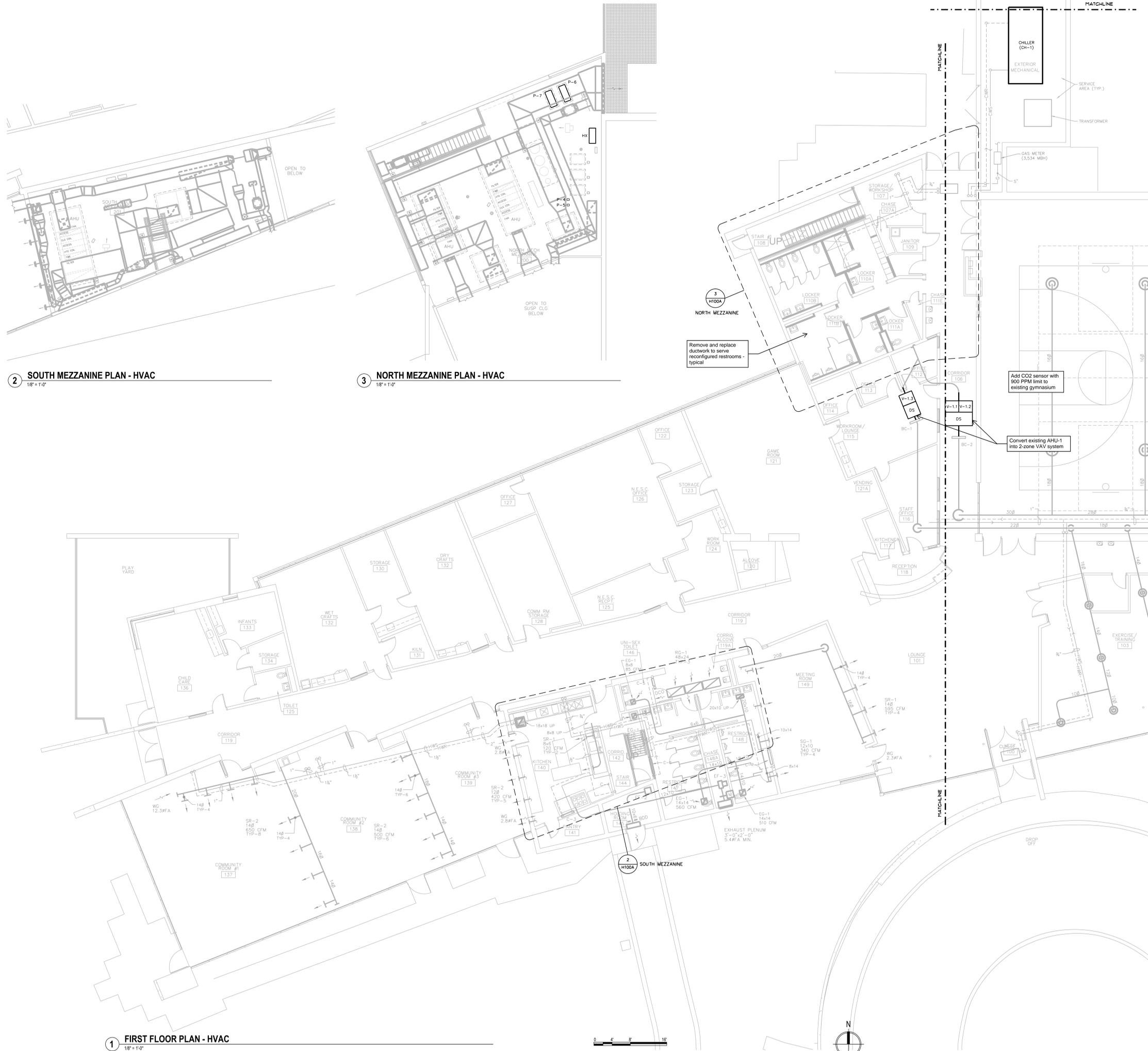
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FIRST FLOOR PLAN - HVAC

H100A



2 SOUTH MEZZANINE PLAN - HVAC
1/8" = 1'-0"

3 NORTH MEZZANINE PLAN - HVAC
1/8" = 1'-0"

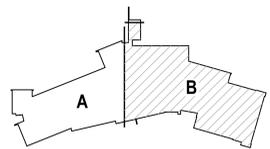
1 FIRST FLOOR PLAN - HVAC
1/8" = 1'-0"



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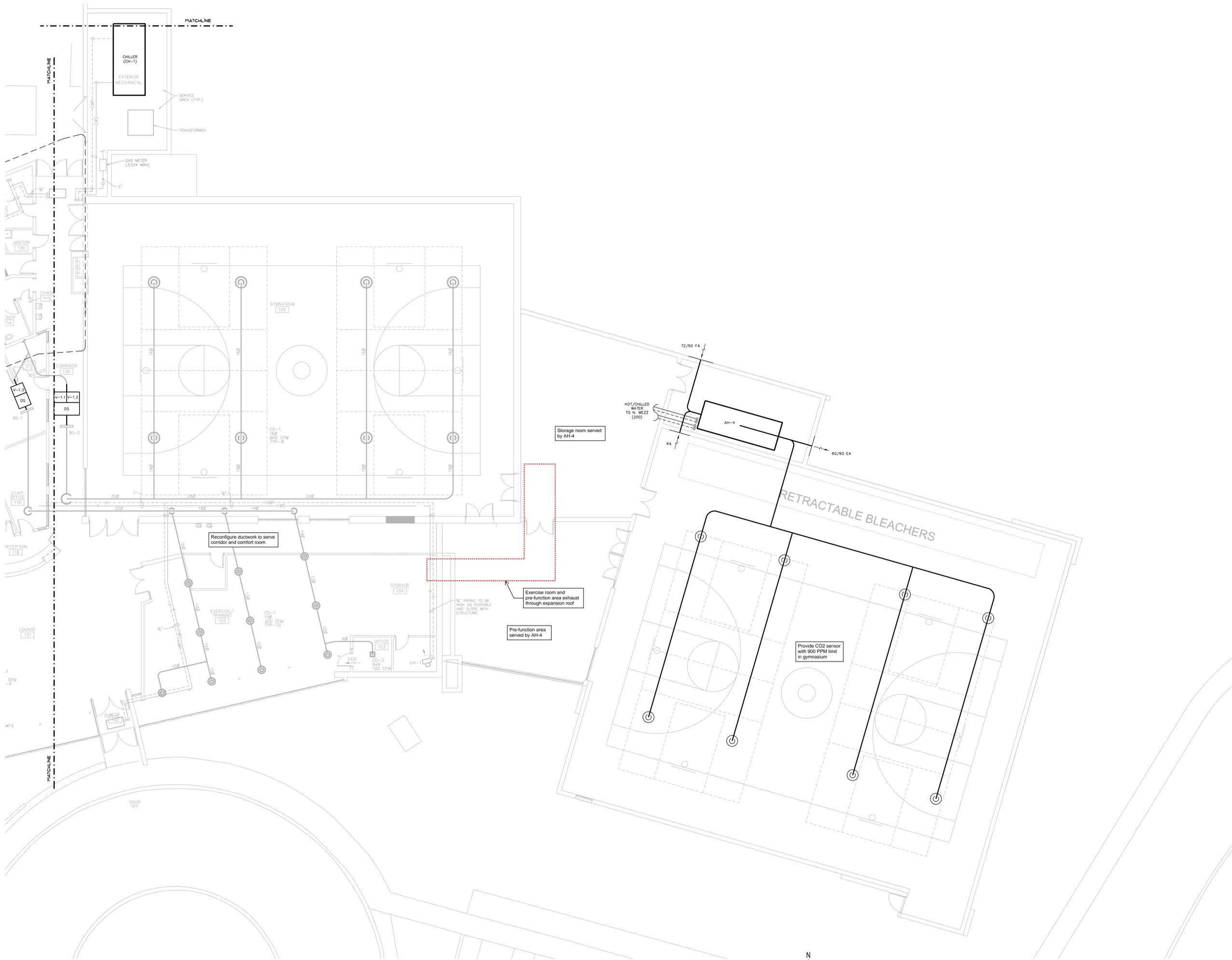
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FIRST FLOOR PLAN -
HVAC

H100B



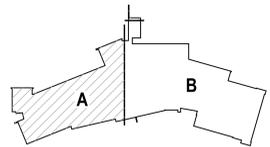
1 FIRST FLOOR PLAN - HVAC
1/8" = 1'-0"



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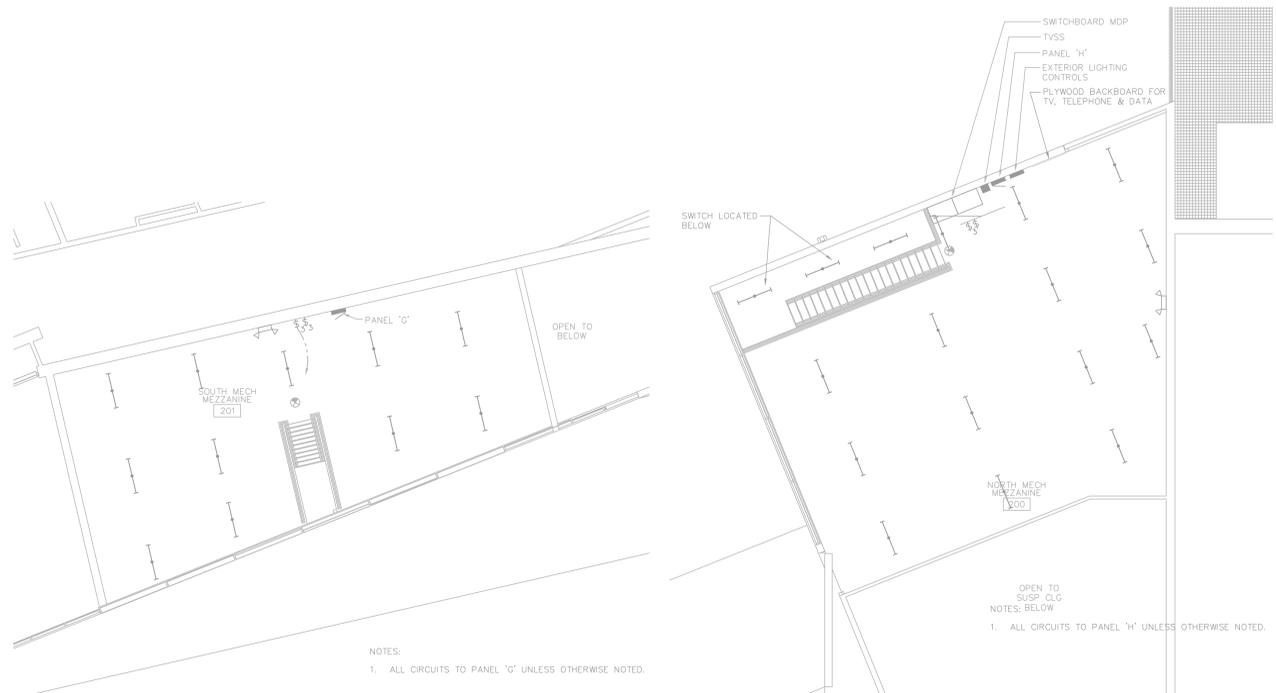
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**FIRST FLOOR PLAN -
ELECTRICAL LIGHTING
DEMOLITION**

ED100A



2 SOUTH MEZZANINE PLAN - ELECTRICAL LIGHTING DEMOLITION
1/8" = 1'-0"



3 NORTH MEZZANINE PLAN - ELECTRICAL LIGHTING DEMOLITION
1/8" = 1'-0"



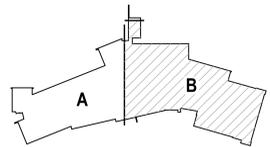
1 FIRST FLOOR PLAN - ELECTRICAL LIGHTING DEMOLITION
1/8" = 1'-0"



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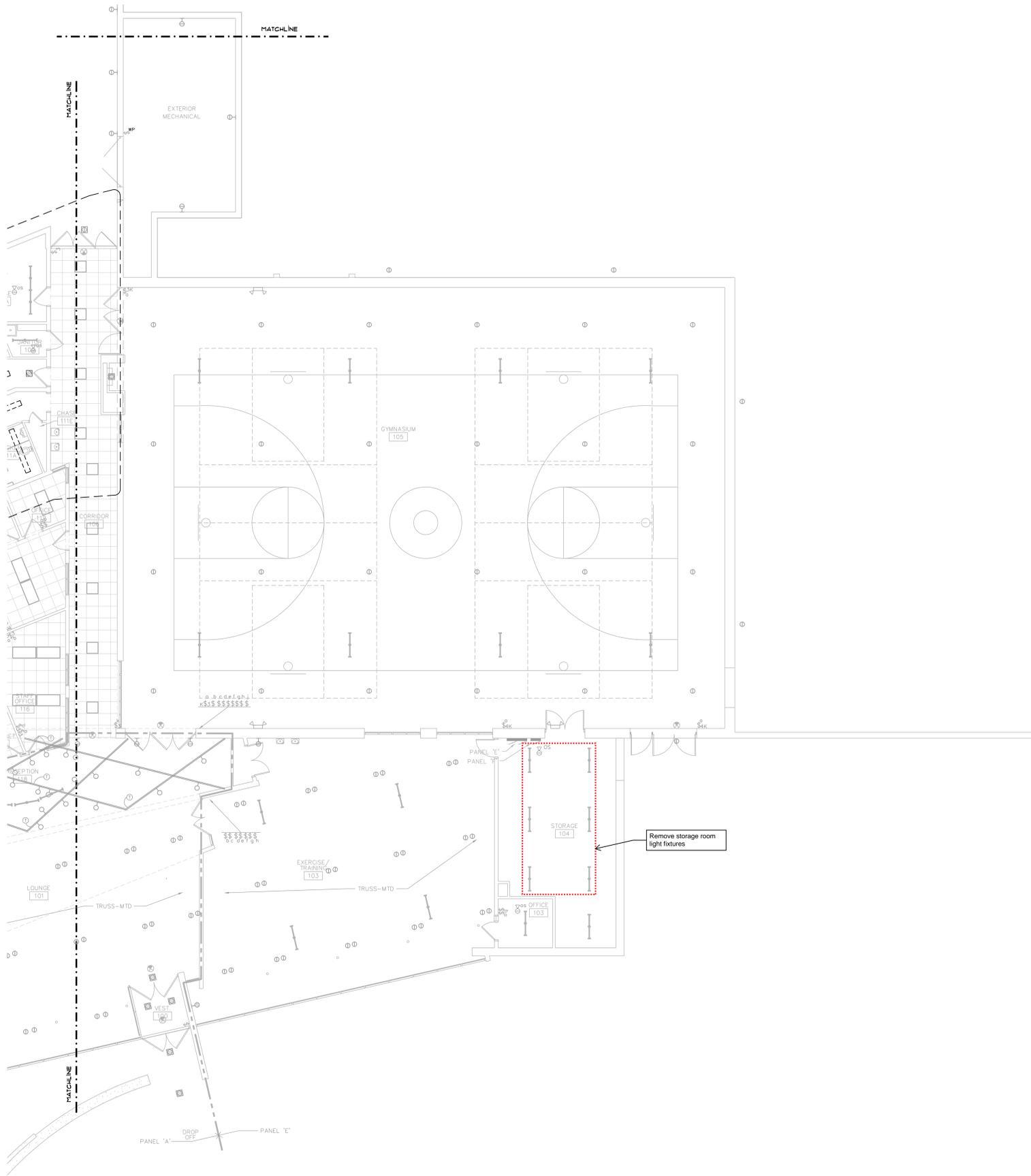
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**FIRST FLOOR PLAN -
ELECTRICAL LIGHTING
DEMOLITION**

ED100B



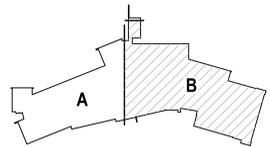
1 FIRST FLOOR PLAN - ELECTRICAL LIGHTING DEMOLITION
1/8" = 1'-0"



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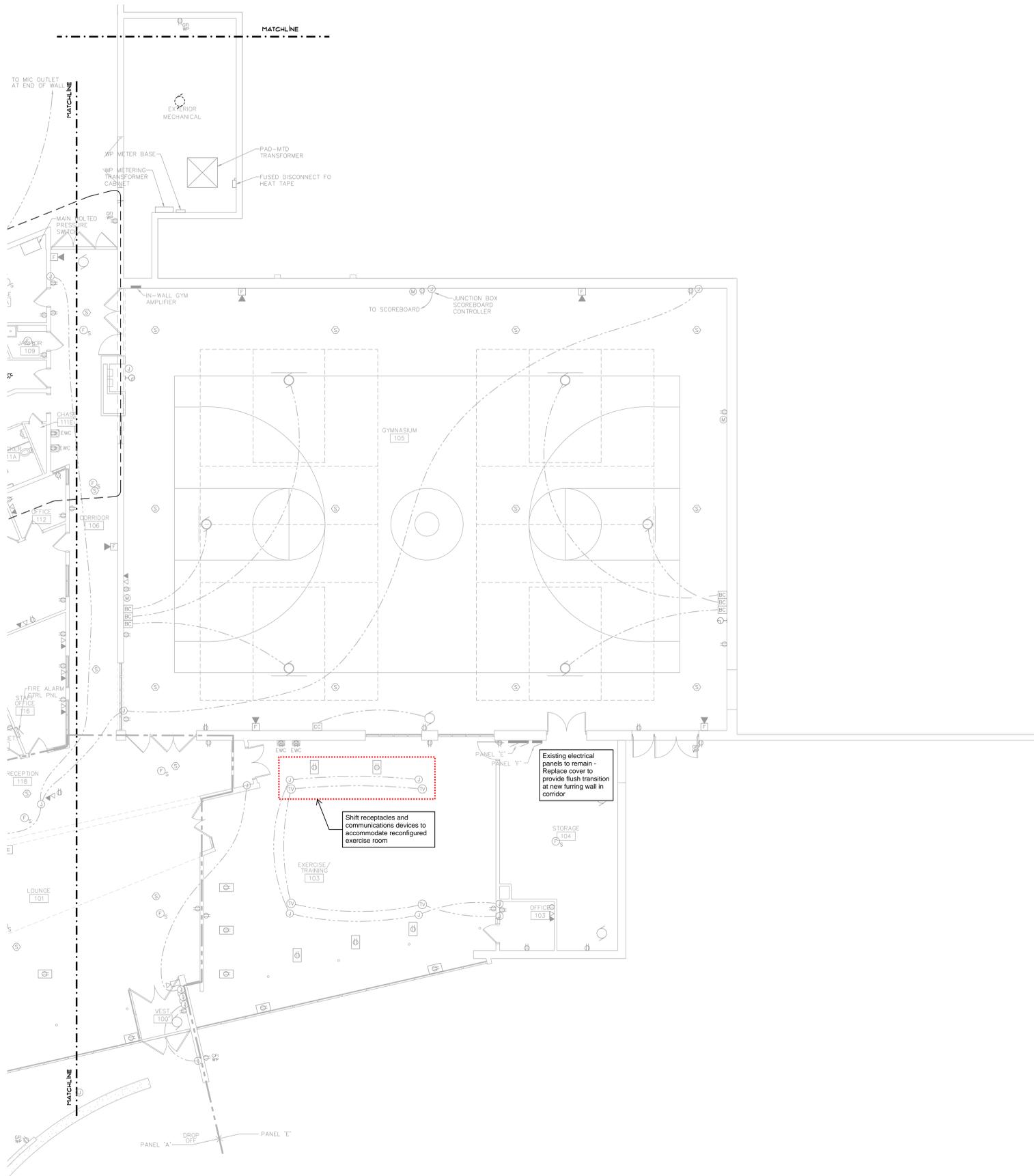
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**FIRST FLOOR PLAN -
ELECTRICAL POWER
DEMOLITION**

ED101B



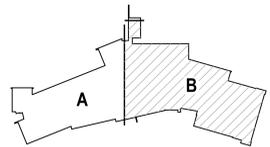
1 FIRST FLOOR PLAN - ELECTRICAL POWER DEMOLITION
1/8" = 1'-0"



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KEYPLAN

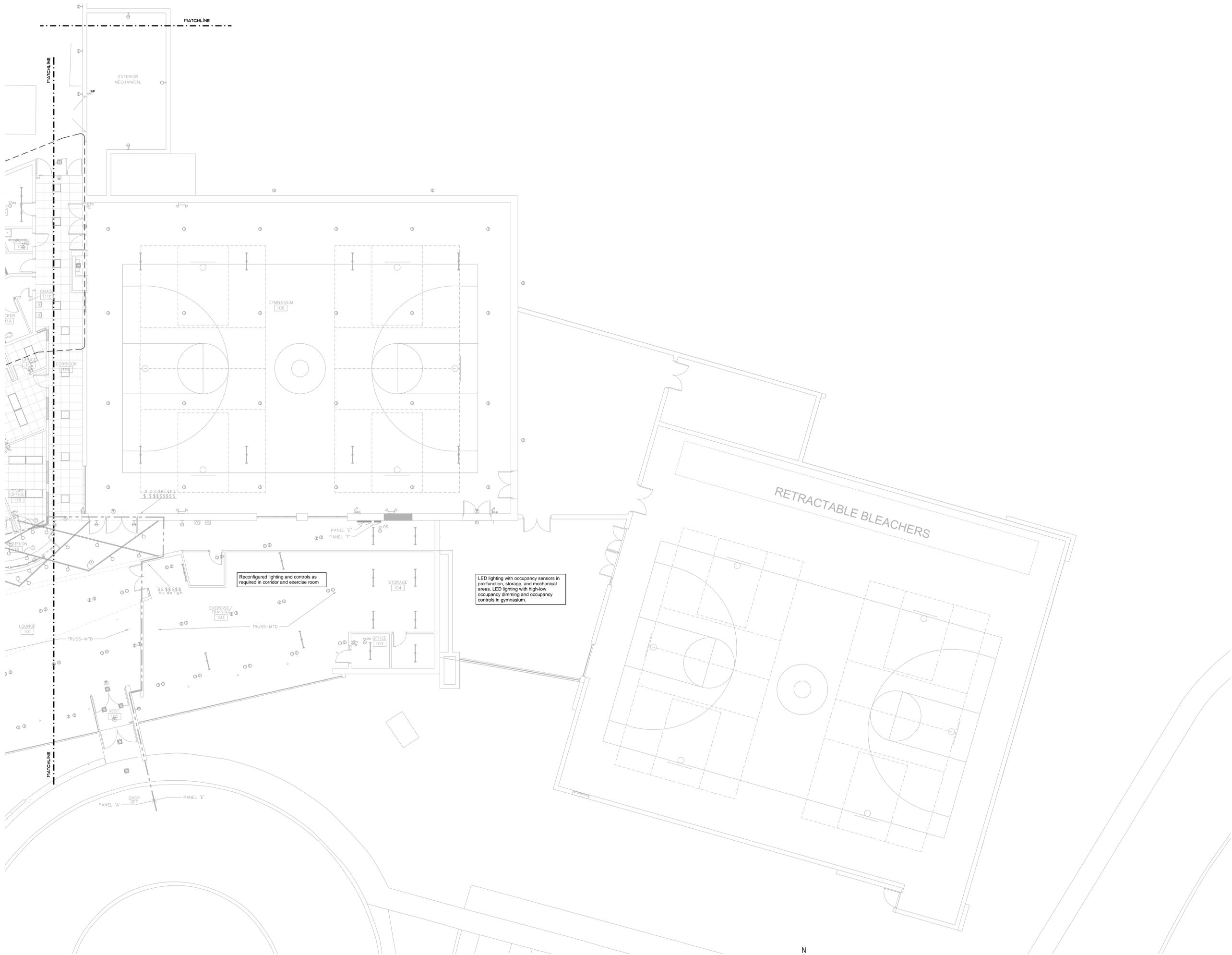
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**FIRST FLOOR PLAN -
ELECTRICAL LIGHTING**

E100B



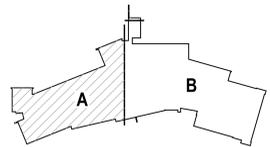
1 FIRST FLOOR PLAN - ELECTRICAL LIGHTING
1/8" = 1'-0"



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**FIRST FLOOR PLAN -
ELECTRICAL POWER**

E101A



2 SOUTH MEZZANINE PLAN - ELECTRICAL POWER
1/8" = 1'-0"

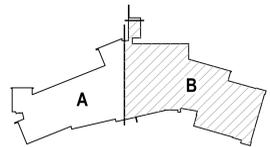
3 NORTH MEZZANINE PLAN - ELECTRICAL POWER
1/8" = 1'-0"



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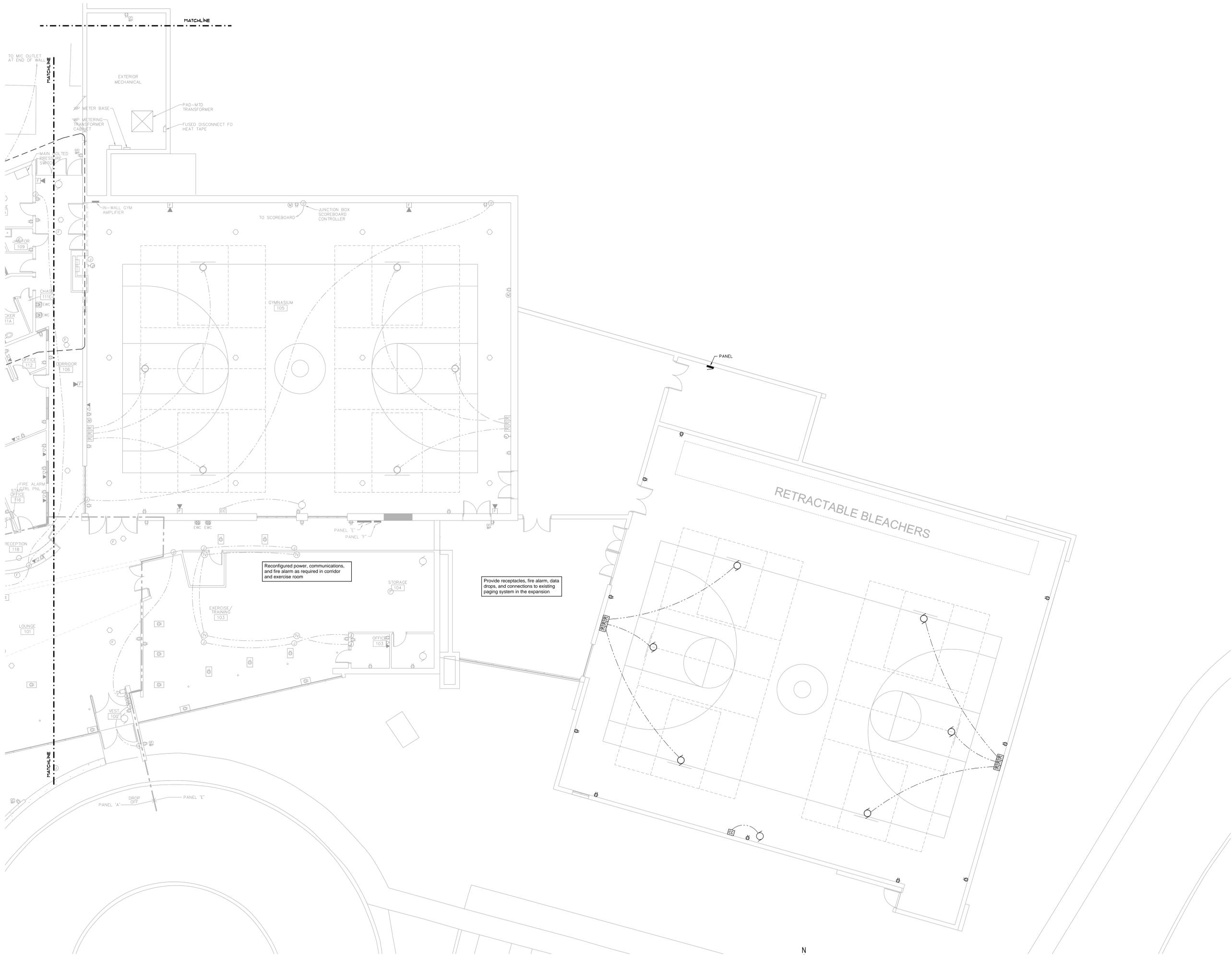
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CHECKED BY: MH

**FIRST FLOOR PLAN -
ELECTRICAL POWER**

E101B



1 FIRST FLOOR PLAN - ELECTRICAL POWER
1/8" = 1'-0"





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Merton, WI 53056
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CITY OF MADISON WARNER PARK COMMUNITY CENTER GYM ADDITION

Madison, WI

Schematic Design Estimate

April 4, 2023

Rev 01

Prepared For:

Engberg Anderson Architects

305 W. Washington Ave.

Madison, WI 53703

NOTES REGARDING PREPARATION OF ESTIMATE

This estimate was prepared based on the following documents provided by Engberg Anderson Architects

1. S.D. Drawings provided by Engberg Anderson Architects provided March 24, 2023
2. Design Narrative provided by Engberg Anderson Architects dated March 24, 2023
3. Information regarding the project was also obtained via meetings, phone conversations, and email messages that clarified the project scope.

BIDDING PROCESS - MARKET CONDITIONS

This document is based on the measurement and pricing of quantities wherever information is provided and/or reasonable assumptions for other work not covered in the drawings or specifications, as stated within this document. Unit rates have been generated from current material/labor rates, historical production data, and discussions with relevant subcontractors and material suppliers. The unit rates reflect current bid costs in the area. All unit rates relevant to subcontractor work include the subcontractors overhead and profit unless otherwise stated.

Pricing reflects probable construction costs obtainable in the Madison, Wisconsin area on the bid date. This estimate is a determination of fair market value for the construction of this project. It is not a prediction of low bid. Pricing assumes competitive bidding for every portion of the construction work for all subcontractors with a minimum of 3 bidders for all items of subcontracted work and a with a minimum of 3 bidders for a general contractor. Experience indicates that a fewer number of bidders may result in higher bids, conversely an increased number of bidders may result in more competitive bids.

Since Middleton Consulting has no control over the cost of labor, material, equipment, or over the contractor's method of determining prices, or over the competitive bidding or market conditions at the time of bid, this statement of probable construction cost is based on industry practice, professional experience and qualifications, and represents Middleton Consulting's best judgment as professional construction cost consultants familiar with the construction industry. However, Middleton Consulting cannot and does not guarantee that the proposals, bids, or the construction cost will not vary from opinions of probable cost prepared by them.

ASSUMED CONSTRUCTION PARAMETERS

The pricing is based on the following project parameters:

1. A construction start date of Spring 2024
2. A construction period of 14-16 months
3. The contract will be competitively bid to multiple contractors.
4. All contractors will be required to pay prevailing wages.
5. The contractors will have full access to the site during normal working hours
6. Estimate includes pricing as of March 2023

EXCLUSIONS

The following are excluded from the cost of this estimate:

1. Professional Design Fees
2. Testing Fees
3. Owner Contingencies/Scope Changes
4. Construction Contingency
5. Premium Time / Restrictions on Contractor Working Hours
6. Finance and Legal Charges
7. Environmental Abatement Costs
8. Contaminated Soil Removal
9. Temporary Facilities
10. Loose Furniture
11. Equipment (Owner Furnished/Installed)
12. Artwork



City Of Madison
Warner Park Community Center
Gym Addition
Summary

Schematic Design Estimate
 04/04/2023
 Rev 01

COST SUMMARY		13,100	GSF	\$/SF	BUILDING TOTAL
01000	GENERAL REQUIREMENTS			\$0.00	\$0
02000	EXISTING CONDITIONS-BUILDING DEMO			\$1.36	\$17,753
03000	CONCRETE			\$21.72	\$284,550
04000	MASONRY			\$39.95	\$523,291
05000	METALS			\$25.41	\$332,847
06000	WOODS, PLASTICS & COMPOSITES-IN DIVISION 9			\$1.58	\$20,663
07000	THERMAL & MOISTURE PROTECTION SYSTEM			\$31.31	\$410,158
08000	OPENINGS			\$15.96	\$209,080
09000	FINISHES-BUILDOUTS			\$20.72	\$271,437
10000	SPECIALTIES			\$1.75	\$22,886
11000	EQUIPMENT-GYM			\$16.33	\$213,922
12000	FURNISHINGS			\$0.00	\$0
13000	SPECIAL CONSTRUCTION			\$0.00	\$0
14000	CONVEYING EQUIPMENT			\$0.00	\$0
21000	FIRE SUPPRESSION			\$4.44	\$58,153
22000	PLUMBING			\$10.05	\$131,607
23000	HEATING, VENTILATING & AIR CONDITIONING			\$52.03	\$681,629
26000	ELECTRICAL			\$23.73	\$310,850
27000	COMMUNICATIONS			\$1.80	\$23,545
28000	ELECTRONIC SAFETY AND SECURITY			\$4.60	\$60,213
31000	EARTHWORK			\$3.09	\$40,511
32000	EXTERIOR IMPROVEMENTS			\$8.61	\$112,743
33000	UTILITIES			\$0.00	\$0
SUBTOTAL				\$284.42	\$3,725,837
	ESCALATION TO START OF CONSTRUCTION	7.0%		\$19.91	\$260,809
	GENERAL CONDITIONS/BOND/INSURANCE	7.0%		\$21.30	\$279,065
	CONTRACTOR'S FEES	5.0%		\$16.28	\$213,286
	DESIGN CONTINGENCY	10.0%		\$34.19	\$447,900
TOTAL ESTIMATED BID				\$376.10	\$4,926,897
	BPW CONTINGENCY	8.0%		\$30.09	\$394,152
TOTAL ESTIMATED BID				\$406.19	\$5,321,048



**CITY OF MADISON
WARNER PARK COMMUNITY CENTER
EXPANSION**

SD Estimate
04/04/2023
01

DESCRIPTION	QTY	UM	UNIT COST	TOTAL COST
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GENERAL REQUIREMENTS

01000 GENERAL REQUIREMENTS

Gross SF of Project-Gymnasium Addition	9,500	SQFT	0.00	0
Gross SF of Project-Storage and Locker Room Renovation	1,000	SQFT	0.00	0
Gross SF of Project-Storage and Pre-Function	3,600	SQFT	0.00	0

TOTAL: GENERAL REQUIREMENTS	\$0
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TOTAL: GENERAL REQUIREMENTS	\$0
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Selective Demolition

02100 Selective Demolition

Remove masonry partition	896	SQFT	2.30	2,064
Remove drywall metal stud partition	672	SQFT	1.50	1,006
Remove drywall ceiling, suspended	813	SQFT	3.65	2,971
Remove Rubber flooring	506	SQFT	1.48	751
Remove Terrazo	44	SQFT	1.98	87
Remove ceramic and quarry tile, thin set	813	SQFT	1.83	1,485
Remove door and frame, single	10	EACH	37.43	374
Remove toilet Partitions	3	EACH	74.86	225
Remove and Patch Opening	200	SQFT	18.84	3,769
Miscellaneous Exterior Removals	1	EACH	2,490.75	2,491
Remove lockers	45	EACH	37.43	1,684
Remove Locker Bench	14	LNFT	14.84	208
Remove shelving	43	LNFT	14.84	638

TOTAL: Selective Demolition	\$17,753
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TOTAL: Selective Demolition	\$17,753
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Concrete Formwork

03100 Concrete Formwork

Formwork for footings	1,740	SQFT	9.40	16,356
Formwork for frost walls	4,544	SQFT	14.31	65,024

TOTAL: Concrete Formwork	\$81,379
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TOTAL: Concrete Formwork	\$81,379
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Concrete Reinforcement

03200 Concrete Reinforcement

Reinforcement in footings 100lb/CUYD	5	TONS	2,899.64	14,208
Reinforcement frostwalls, avg 135 lbs/cy	9	TONS	3,377.08	31,913

TOTAL: Concrete Reinforcement	\$46,122
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TOTAL: Concrete Reinforcement	\$46,122
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Cast in Place Concrete



**CITY OF MADISON
WARNER PARK COMMUNITY CENTER
EXPANSION**

SD Estimate
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DESCRIPTION	QTY	UM	UNIT COST	TOTAL COST
03300 Cast in Place Concrete				
Concrete in footings	98	CUYD	185.49	18,178
Concrete in frost walls, 4,000 psi	140	CUYD	197.31	27,623
Concrete slab on grade-Gym	8,857	SQFT	7.41	65,634
Concrete slab on grade-Storage Area	3,193	SQFT	6.33	20,211
Cut and patch flooring for Plumbing in locker room	200	SQFT	19.87	3,974
Vapor Barrier	12,050	SQFT	1.20	14,431
TOTAL: Cast in Place Concrete				\$150,051
TOTAL: Cast in Place Concrete				\$150,051
Precast Architectural Concrete				
03600 Precast Architectural Concrete				
Precast panel architectural finish	102	SQFT	68.61	6,998
TOTAL: Precast Architectural Concrete				\$6,998
TOTAL: Precast Architectural Concrete				\$6,998
Exterior Masonry				
04100 Exterior Masonry				
4" split face CMU-1, exterior	6,488	SQFT	23.69	153,701
4" split face CMU-2, exterior	1,111	SQFT	26.13	29,030
12" CMU backup at Gym and Storage	7,599	SQFT	26.66	202,580
TOTAL: Exterior Masonry				\$385,311
TOTAL: Exterior Masonry				\$385,311
Interior Masonry				
04300 Interior Masonry				
CMU Infill	93	SQFT	33.15	3,083
CMU partition	6,344	SQFT	21.26	134,897
TOTAL: Interior Masonry				\$137,980
TOTAL: Interior Masonry				\$137,980
Structural Steel				
05100 Structural Steel				
Structural steel angles	4	TONS	4,955.14	18,334
Structural steel girder	5	TONS	5,044.95	26,486
Structural steel columns, HSS Tubes	3	TONS	4,744.95	14,709
Steel joists, series K	2	TONS	3,586.32	8,213
Steel joists, series DLH-Long Span	25	TONS	4,112.69	100,761
Metal roof deck, galvanized, 1-1/2" thk, 18 ga	3,319	SQFT	3.74	12,397
Perforated acoustic roof deck, cellular with flat bottom profile, galvanized, 18 ga	10,155	SQFT	10.99	111,574
Light gauge steel joists, 6" deep, 24" OC	1,131	LNFT	15.63	17,674
Miscellaneous angles, channels, lintels, etc.	13,100	SQFT	1.73	22,698



**CITY OF MADISON
WARNER PARK COMMUNITY CENTER
EXPANSION**

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DESCRIPTION	QTY	UM	UNIT COST	TOTAL COST
TOTAL: Structural Steel				\$332,847
TOTAL: Structural Steel				\$332,847
Structural Wood				
06100 Structural Wood				
LVL Framing and Wood Deck	323	SQFT	29.43	9,505
TOTAL: Structural Wood				\$9,505
TOTAL: Structural Wood				\$9,505
Rough Carpentry				
06200 Rough Carpentry				
Miscellaneous wood blocking & rough carpentry	13,100	SQFT	0.85	11,159
TOTAL: Rough Carpentry				\$11,159
TOTAL: Rough Carpentry				\$11,159
Dampproofing & Waterproofing				
07100 Dampproofing & Waterproofing				
Spray on Air Barrier	9,755	SQFT	3.84	37,471
2" rigid insulation	9,755	SQFT	2.17	21,128
TOTAL: Dampproofing & Waterproofing				\$58,599
TOTAL: Dampproofing & Waterproofing				\$58,599
Roofing				
07400 Roofing				
EPDM roofing including insulation	10,183	SQFT	18.94	192,879
Standing seam metal roof	3,210	SQFT	28.88	92,695
TOTAL: Roofing				\$285,575
TOTAL: Roofing				\$285,575
Roofing Specialties				
07500 Roofing Specialties				
Metal Coping	650	SQFT	10.75	6,986
TOTAL: Roofing Specialties				\$6,986
TOTAL: Roofing Specialties				\$6,986
Metal Panel Systems				
07600 Metal Panel Systems				
Metal siding MP-1/2/3-\$22 per sqft material allowance	2,156	SQFT	27.36	58,999
TOTAL: Metal Panel Systems				\$58,999



CITY OF MADISON
WARNER PARK COMMUNITY CENTER
EXPANSION

SD Estimate
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 01

DESCRIPTION	QTY	UM	UNIT COST	TOTAL COST
TOTAL: Metal Panel Systems				\$58,999
Curtainwall & Storefront				
08200 Curtainwall & Storefront				
Exterior window wall @ Pre-function and Gym	1,736	SQFT	97.40	169,086
TOTAL: Curtainwall & Storefront				\$169,086
TOTAL: Curtainwall & Storefront				\$169,086
Exterior Doors, Frames, & Hardware				
08300 Exterior Doors, Frames, & Hardware				
Door Frame and Hardware-Double-Exterior	2	EACH	4,021.88	8,044
Door Frame and Hardware-Single-Exterior	2	EACH	1,824.57	3,649
TOTAL: Exterior Doors, Frames, & Hardware				\$11,693
TOTAL: Exterior Doors, Frames, & Hardware				\$11,693
Interior Doors, Frames, & Hardware				
08400 Interior Doors, Frames, & Hardware				
Door Frame and Hardware-Double-Interior	5	EACH	3,945.51	19,728
Door Frame and Hardware-Single-Interior	5	EACH	1,714.57	8,573
TOTAL: Interior Doors, Frames, & Hardware				\$28,300
TOTAL: Interior Doors, Frames, & Hardware				\$28,300
Floor Finishes				
09200 Floor Finishes				
Ceramic tile floor, 12"x12"	695	SQFT	13.96	9,699
Ceramic tile base, 6" high	291	LNFT	18.80	5,472
Terrazzo flooring	1,884	SQFT	30.01	56,539
Urethane Gym floors and Striping	8,916	SQFT	13.15	117,202
Rubber sheet flooring, 3/16" thk	614	SQFT	16.39	10,065
Rubber base, 4" high	385	LNFT	2.23	858
TOTAL: Floor Finishes				\$199,834
TOTAL: Floor Finishes				\$199,834
Wall Finishes				
09300 Wall Finishes				
Wall Finishes-Gym	9,000	SQFT	2.36	21,218
Wall Finishes-Pre-Function/Storage	2,498	SQFT	3.77	9,422
TOTAL: Wall Finishes				\$30,640
TOTAL: Wall Finishes				\$30,640
Ceiling Finishes				



**CITY OF MADISON
WARNER PARK COMMUNITY CENTER
EXPANSION**

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DESCRIPTION	QTY	UM	UNIT COST	TOTAL COST
09400 Ceiling Finishes				
Ceilings at Pre-Function/Gym Renovation	2,498	SQFT	5.28	13,179
Gypsum ceilings at Locker Room	695	SQFT	13.49	9,379
TOTAL: Ceiling Finishes				\$22,558
TOTAL: Ceiling Finishes				\$22,558
Paints & Coatings				
09600 Paints & Coatings				
Concrete sealer	2,024	SQFT	1.39	2,805
Paint exposed structure	10,940	SQFT	1.43	15,599
TOTAL: Paints & Coatings				\$18,405
TOTAL: Paints & Coatings				\$18,405
Toilet Accessories				
10400 Toilet Accessories				
Toilet partition, accessible	2	EACH	1,353.18	2,706
Toilet partition, standard	3	EACH	1,022.54	3,068
Toilet paper dispenser, double roll	7	EACH	100.53	704
Paper towel dispenser, surface mounted	4	EACH	143.30	573
Napkin disposal, stainless steel, surface mounted	5	EACH	108.30	541
TOTAL: Toilet Accessories				\$7,592
TOTAL: Toilet Accessories				\$7,592
Lockers & Benches				
10600 Lockers & Benches				
Locker, two tier	8	EACH	293.30	2,346
Locker bench	14	LNFT	41.16	576
TOTAL: Lockers & Benches				\$2,923
TOTAL: Lockers & Benches				\$2,923
Miscellaneous Specialties				
10900 Miscellaneous Specialties				
Miscellaneous specialties /Signage allowance	13,100	SQFT	0.89	11,659
Remove and Re-install Mirrors	20	LNFT	35.58	712
TOTAL: Miscellaneous Specialties				\$12,371
TOTAL: Miscellaneous Specialties				\$12,371
Athletic Equipment				
11700 Athletic Equipment				
Grab bar set, three piece	4	EACH	259.89	1,040
Basketball Hoops- Retractable	6	EA	10,899.00	65,394



**CITY OF MADISON
WARNER PARK COMMUNITY CENTER
EXPANSION**

SD Estimate
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DESCRIPTION	QTY	UM	UNIT COST	TOTAL COST
Basketball Scoreboards	2	EA	3,800.00	7,600
Divider Curtian	2,250	SQFT	24.00	54,000
Retractable Bleachers	300	Seats	220.00	66,000
Wall Pads	1,080	SQFT	13.60	14,688
Volleyball Inserts	8	EA	650.00	5,200

TOTAL: Athletic Equipment **\$213,922**

TOTAL: Athletic Equipment **\$213,922**

Fire Sprinkler Equipment & Specialties

21200 Fire Sprinkler Equipment & Specialties

Wet sprinkler system - \$/SF	12,411	SQFT	4.44	55,095
Reconfigure existing wet sprinkler system for renovation/buildout	1,000	SQFT	3.06	3,058

TOTAL: Fire Sprinkler Equipment & Specialties **\$58,153**

TOTAL: Fire Sprinkler Equipment & Specialties **\$58,153**

Selective Demolition

22100 Selective Demolition

Remove existing wall-mount water closets including carrier and piping	3	EACH	324.45	973
Remove existing wall-mount lavatories including carrier and piping	4	EACH	270.38	1,082
Remove existing wall-mount urinals including carrier and piping	1	EACH	324.45	324
Remove existing showers, stall fixtures with head/valve systems	4	EACH	540.75	2,163
Remove hose bibbs	1	EACH	54.08	54
Remove floor drain	6	EACH	216.30	1,298
Remove plumbing piping, aboveground/suspended	152	LNFT	16.22	2,466
Remove plumbing piping, underground including slab cutting, excavation, backfill, and patching	65	LNFT	103.34	6,717

TOTAL: Selective Demolition **\$15,077**

TOTAL: Selective Demolition **\$15,077**

Plumbing Fixtures

22200 Plumbing Fixtures

Water closet, wall hung, hardwired sensor-op flush valve	7	EACH	2,547.20	17,830
Lavatory, wall hung, hardwired sensor-op faucet	7	EACH	2,401.05	16,807
Electric water cooler, ADA-bilevel	1	EACH	3,916.03	3,916
Shower head/valve, ADA/private, in tile enclosure	1	EACH	1,548.90	1,549

TOTAL: Plumbing Fixtures **\$40,103**

TOTAL: Plumbing Fixtures **\$40,103**

Plumbing Equipment & Specialties

22300 Plumbing Equipment & Specialties

Floor drains	2	EACH	494.16	988
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TOTAL: Plumbing Equipment & Specialties **\$988**



**CITY OF MADISON
WARNER PARK COMMUNITY CENTER
EXPANSION**

SD Estimate
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DESCRIPTION	QTY	UM	UNIT COST	TOTAL COST
TOTAL: Plumbing Equipment & Specialties				\$988
Domestic Water, Waste & Vent, & Storm Drainage Piping				
22400 Domestic Water, Waste & Vent, & Storm Drainage Piping				
Plumbing- Sanitary/ Storm/Water Piping	12,411	SQFT	4.73	58,709
Plumbing- Sanitary/ Storm/Water System Piping-Locker Room	1,000	SQFT	16.73	16,730
TOTAL: Domestic Water, Waste & Vent, & Storm Drainage Piping				\$75,439
TOTAL: Domestic Water, Waste & Vent, & Storm Drainage Piping				
Selective Demolition				
23100 Selective Demolition				
Disconnect and remove exhaust fan	1	EACH	411.68	412
Remove existing ductwork	65	LNFT	15.44	1,003
Remove existing grilles and diffusers	3	EACH	30.88	93
Disconnect and remove chillers	1	EACH	9,956.00	9,956
Disconnect and remove hydronic system pumps, base-mount end suction	5	EACH	1,486.80	7,434
TOTAL: Selective Demolition				\$18,898
TOTAL: Selective Demolition				
Ventilation & Exhaust				
23200 Ventilation & Exhaust				
Air handling unit, 9,000 CFM for Gym and Storage area	1	EACH	91,586.88	91,587
Galvanized steel duct & insulation @ new Areas	12,411	SQFT	12.15	150,744
TOTAL: Ventilation & Exhaust				\$242,331
TOTAL: Ventilation & Exhaust				
Central Hydronic & Steam Equipment & Specialties				
23300 Central Hydronic & Steam Equipment & Specialties				
Chiller,130 Ton and associated piping and pumps	1	EACH	218,537.12	218,537
Hydronic system pump, Size TBD	4	EACH	4,095.60	16,382
Variable frequency drive, pump, Size TBD	5	EACH	2,519.48	12,597
Expansion tank	1	EACH	8,986.80	8,987
Pressure fill/makeup water system	1	EACH	7,295.60	7,296
TOTAL: Central Hydronic & Steam Equipment & Specialties				\$263,799
TOTAL: Central Hydronic & Steam Equipment & Specialties				
Heating & Ventilating Terminals				
23400 Heating & Ventilating Terminals				
HVAC Renovations-Locker Room/Gym/Corridor-Reconfigure ductwork	2,056	SQFT	16.70	34,335
TOTAL: Heating & Ventilating Terminals				\$34,335

DESCRIPTION	QTY	UM	UNIT COST	TOTAL COST
TOTAL: Heating & Ventilating Terminals				\$34,335
Temperature Controls				
23600 Temperature Controls				
DDC controls	12,411	SQFT	6.00	74,466
DDC controls - air handling units	1	EACH	20,000.00	20,000
DDC controls - air handling units-Convert to 2 zone system	1	EACH	4,000.00	4,000
DDC controls - chiller	1	EACH	3,000.00	3,000
DDC controls - hydronic pumps, variable speed	4	EACH	5,000.00	20,000
CO2 sensors	2	EACH	400.00	800
TOTAL: Temperature Controls				\$122,266
TOTAL: Temperature Controls				\$122,266
Main Power Distribution				
26200 Main Power Distribution				
Service and distribution - distribution panels ONLY and associated feeders	12,411	SQFT	1.40	17,377
TOTAL: Main Power Distribution				\$17,377
TOTAL: Main Power Distribution				\$17,377
Lighting				
26500 Lighting				
Lighting System - Light fixtures including installation and hook up	12,411	SQFT	9.70	120,441
Lighting System - Light fixtures including installation and hook up-Locker Room	1,000	SQFT	14.80	14,804
Lighting System - Emergency and Exit Light fixtures including installation and hook up-Locker Room	1,000	SQFT	0.69	690
Lighting System - Emergency and Exit Light fixtures including installation and hook up	12,411	SQFT	0.69	8,569
Lighting System - dual level, dimmed switching, occupancy sensors	12,411	SQFT	1.54	19,118
Lighting System - dual level, dimmed switching, occupancy sensors-locker Room	1,000	SQFT	1.63	1,634
Lighting System - Branch wiring installation 600 V, including 3/4" EMT conduit and THWN wire, 20A	12,411	SQFT	2.68	33,201
Lighting System - Branch wiring installation 600 V, including 3/4" EMT conduit and THWN wire, 20A-locker Room	1,000	SQFT	3.25	3,250
TOTAL: Lighting				\$201,707
TOTAL: Lighting				\$201,707
Branch Power Distribution & Devices				
26600 Branch Power Distribution & Devices				
Branch Power - Miscellaneous receptacles and electrical equipment hook up	12,411	SQFT	3.69	45,792
Branch Power - Miscellaneous receptacles and electrical equipment hook up-Locker Room	1,000	SQFT	4.67	4,671
Branch Power - Branch wiring installation 600 V, including 3/4" EMT conduit and THWN wire, 20A	12,411	SQFT	2.08	25,754



**CITY OF MADISON
WARNER PARK COMMUNITY CENTER
EXPANSION**

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DESCRIPTION	QTY	UM	UNIT COST	TOTAL COST
Branch Power - Branch wiring installation 600 V, including 3/4" EMT conduit and THWN wire, 20A-Locker Room	1,000	SQFT	3.25	3,246

TOTAL: Branch Power Distribution & Devices \$79,463

TOTAL: Branch Power Distribution & Devices \$79,463

Mechanical Equipment Connections & Feeders

26700 Mechanical Equipment Connections & Feeders

Motors connection, disconnect switches and associated feeders	12,411	SQFT	0.92	11,386
Motors connection, disconnect switches and associated feeders-Locker Room	1,000	SQFT	0.92	917

TOTAL: Mechanical Equipment Connections & Feeders \$12,303

TOTAL: Mechanical Equipment Connections & Feeders \$12,303

Tele/Data Systems

27200 Tele/Data Systems

Telecommunication/Data & Television System, Rough-in only	12,411	SQFT	1.40	17,339
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TOTAL: Tele/Data Systems \$17,339

TOTAL: Tele/Data Systems \$17,339

Audio/Visual & Television System

27600 Audio/Visual & Television System

Audio/visual System -Rough-In Only- Equipment is OFOI	12,411	SQFT	0.50	6,205
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TOTAL: Audio/Visual & Television System \$6,205

TOTAL: Audio/Visual & Television System \$6,205

Fire Alarm Systems

28200 Fire Alarm Systems

Fire alarm control panel, addressable, up to 200 points, connections & programming-Replace existing	1	EACH	16,222.88	16,223
Fire alarm System, complete	12,411	SQFT	2.94	36,500
Fire alarm System, replacement	1,000	SQFT	2.22	2,218

TOTAL: Fire Alarm Systems \$54,940

TOTAL: Fire Alarm Systems \$54,940

Intrusion Detection & Access Control Systems

28300 Intrusion Detection & Access Control Systems

Intrusion Detection System/Cameras/Card Readers-Rough-In Only	12,411	SQFT	0.42	5,272
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TOTAL: Intrusion Detection & Access Control Systems \$5,272

TOTAL: Intrusion Detection & Access Control Systems \$5,272

Site Grading



CITY OF MADISON
WARNER PARK COMMUNITY CENTER
EXPANSION

SD Estimate
 04/04/2023
 01

DESCRIPTION	QTY	UM	UNIT COST	TOTAL COST
31200 Site Grading				
Site Survey and Layout	24	HRS	139.22	3,341
Cut and fill direct on site	700	CUYD	4.51	3,157
Rough grading, small area	12,000	SQFT	0.42	5,064
Fine grading, small area	12,000	SQFT	0.58	7,013
TOTAL: Site Grading				\$18,575
TOTAL: Site Grading				\$18,575
Foundation Excavation & Fill				
31300 Foundation Excavation & Fill				
Excavate for footings	298	CUYD	8.57	2,552
Excavate for Slab on Grade	447	CUYD	7.71	3,446
Add Backfill to Site	700	CUYD	16.95	11,867
Backfill with imported material	200	CUYD	15.35	3,071
TOTAL: Foundation Excavation & Fill				\$20,936
TOTAL: Foundation Excavation & Fill				\$20,936
Erosion & Sedimentation Control				
31600 Erosion & Sedimentation Control				
Erosion Control	1	LS	1,000.00	1,000
TOTAL: Erosion & Sedimentation Control				\$1,000
TOTAL: Erosion & Sedimentation Control				\$1,000
Pavement				
32100 Pavement				
Remove concrete walls	15	CUYD	240.40	3,510
Site Removals	1	LS	10,000.00	10,000
CA-6 base, 4" thk at concrete walk	14	CUYD	49.19	672
CA-6 base, 8" thk at asphalt paving-Patch / Infill only	18	CUYD	42.96	773
Asphalt pavement, 2" surface course, on 3" binder course	2,507	SQFT	3.66	9,186
Concrete curb & gutter, machine formed	253	LNFT	16.12	4,079
TOTAL: Pavement				\$28,220
TOTAL: Pavement				\$28,220
Athletic & Recreational Surfacing				
32200 Athletic & Recreational Surfacing				
Stripe parking space, ADA	9	EACH	439.71	3,957
Parking Signage	9	EACH	114.90	1,034
Concrete walk, 5" PC concrete w/6"x6" W4xW4 WWF	1,476	SQFT	6.12	9,034
CA-6 base, 6" thk, at concrete slab on grade	223	CUYD	29.72	6,627
TOTAL: Athletic & Recreational Surfacing				\$20,653



**CITY OF MADISON
WARNER PARK COMMUNITY CENTER
EXPANSION**

SD Estimate
04/04/2023
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DESCRIPTION	QTY	UM	UNIT COST	TOTAL COST
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TOTAL: Athletic & Recreational Surfacing	\$20,653
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Landscaping

32600 Landscaping

Trees, deciduous, 4" cal, B&B	4	EACH	1,365.78	5,463
Shrubs, deciduous, 24"-36", B&B	15	EACH	65.12	977
Shrubs, evergreen, 18"-24", B&B	18	EACH	77.59	1,397
Ornamental grasses, 1 gal	24	EACH	15.02	361
Perennials, 1 gal	36	EACH	8.25	297
Planting Bed	5,326	SQFT	3.25	17,316
Rain Garden-Vegatative Mat	2,569	SQFT	4.60	11,827
Topsoil, 12" thk	2,000	SQFT	1.32	2,638
Seeding, fertilizer and fine grading, machine	2,000	SQFT	0.87	1,741
Mulch, gravel, hand spread	26	CUYD	129.54	3,368

TOTAL: Landscaping	\$45,384
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TOTAL: Landscaping	\$45,384
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Site Furnishings

32700 Site Furnishings

Bike racks	18	EACH	929.77	16,736
Edging	652	LNFT	2.68	1,750

TOTAL: Site Furnishings	\$18,486
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TOTAL: Site Furnishings	\$18,486
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Site Water Service

33200 Site Water Service

Site Utilities- From Existing Building	1	LS	0.01	0
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TOTAL: Site Water Service	\$0
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TOTAL: Site Water Service	\$0
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