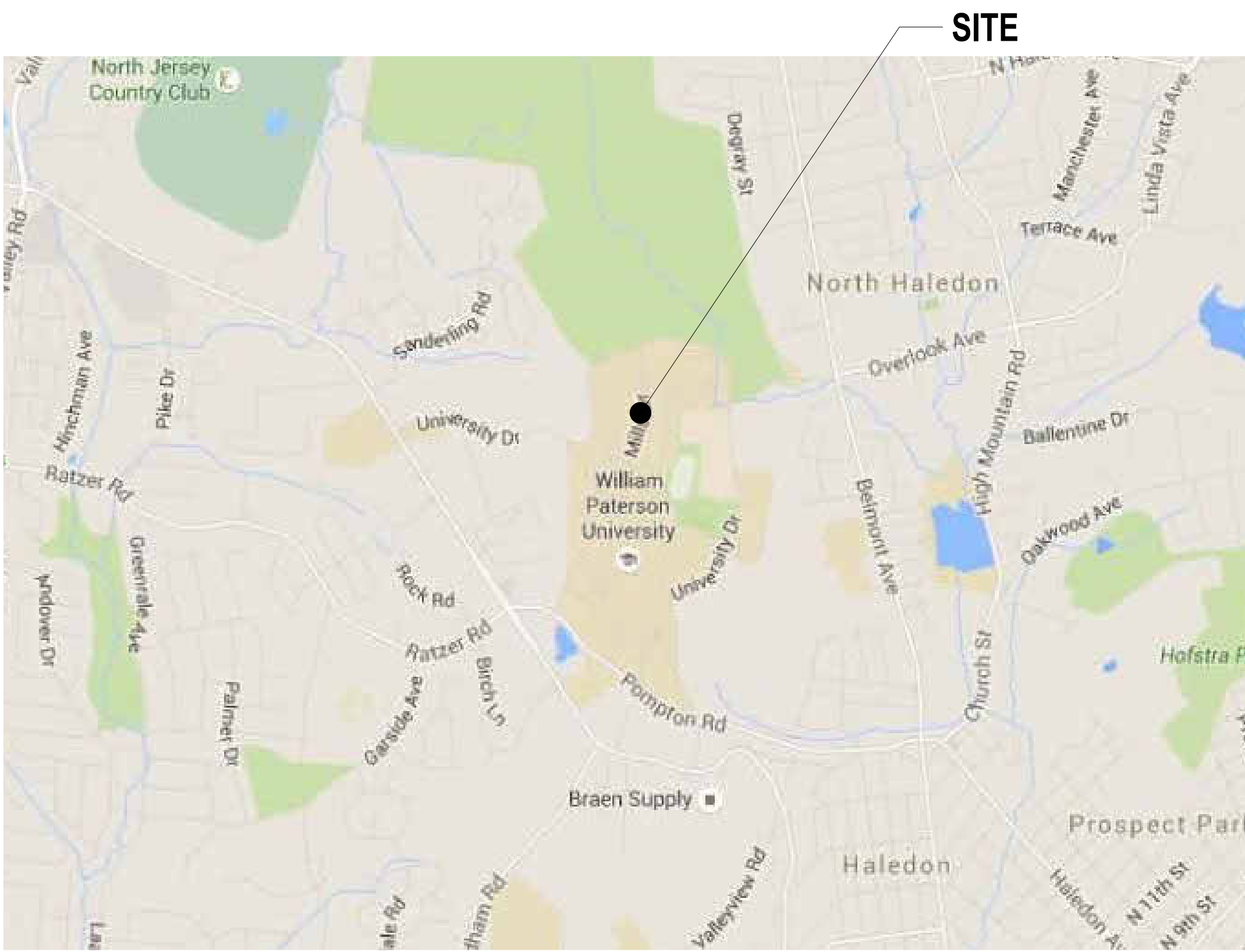


# WILLIAM PATERSON UNIVERSITY RECREATION AND HEALTH SCIENCES CENTER RENOVATIONS & ADDITION



LOCATION MAP



AERIAL VIEW

CCH JOB #2354

300 Pompton Road, Wayne  
NJ 07470

BLOCK: 1  
LOT:2

## 100% CONSTRUCTION DOCUMENTS

FOR CONSTRUCTION

JANUARY 10, 2025



- BID ALTERNATES:**
- #1: RENOVATIONS PER HIGHLIGHTED AREA OF EXISTING BUILDING
  - #2: WARM WATER SPA IN POOL AREA
  - #3: LIGHTING PROTECTION SYSTEM
  - #4: GYM BLEACHERS AND (4) BACKBOARDS

ALD, LLC

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PHONE: 610.449.4049

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HUNSAKER

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BALA Engineers

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M.E.P.FP.FA

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WAYNE, NJ 07470

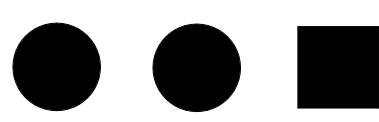
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Clarke Caton Hintz

Architecture  
Planning  
Landscape Architecture

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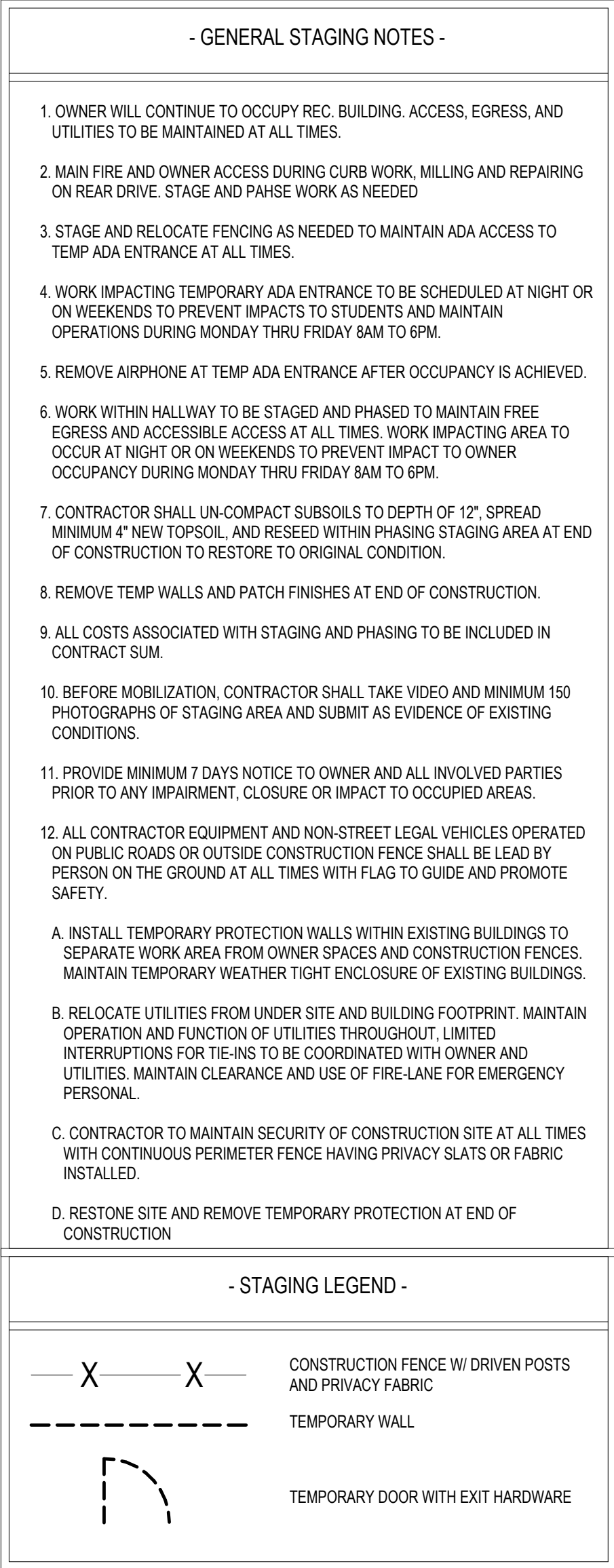
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**LIGHTING DESIGNER**  
ALD, LLC  
340 TENNIS AVE  
AMBLER, PA 19002

SUBMISSIONS		
NO.	DATE	DESCRIPTION
1	01/10/25	100% FOR CONSTRUCTION





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LICENSE NO. 10000  
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DATE:	01/10/2025
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DRAWN BY:	AD, TC, EW, MM
CHECKED BY:	MM

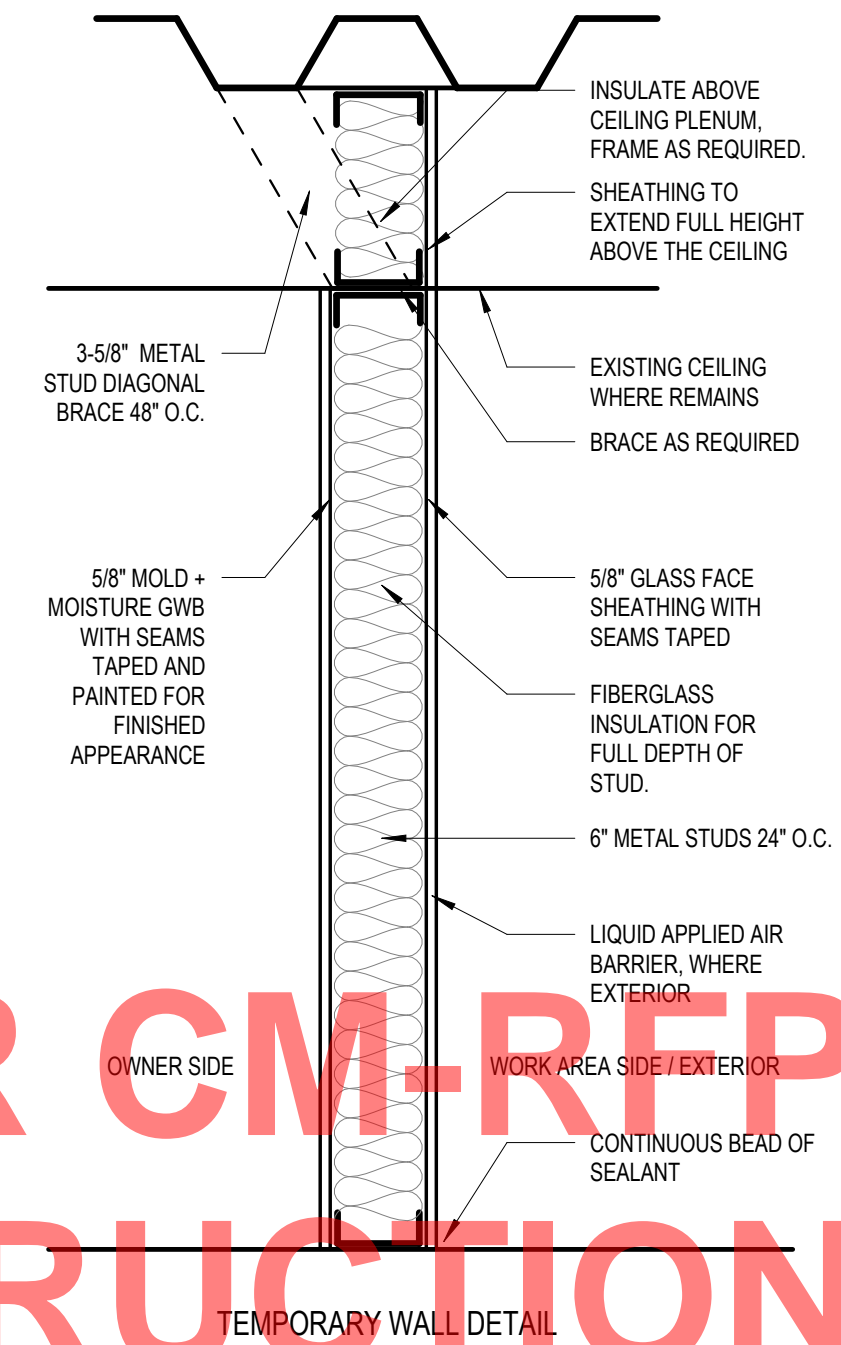
SHEET TITLE:  
PHASING AND STAGING

PLAN

DRAWING NO.:

G-005

CCH PROJECT NO:	2354
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**A3** TEMPORARY WALL DETAIL  
1" = 41.0'

ABBREVIATE DRAWING SET FOR CM-RTP  
NOT FOR CONSTRUCTION









J20 EXTERIOR RENDERING SW  
3/16" = 1'-0"



A20 EXTERIOR RENDERING SE  
3/16" = 1'-0"

**ABBREVIATE DRAWING SET FOR CM-RFP  
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WILLIAM PATERSON UNIVERSITY  
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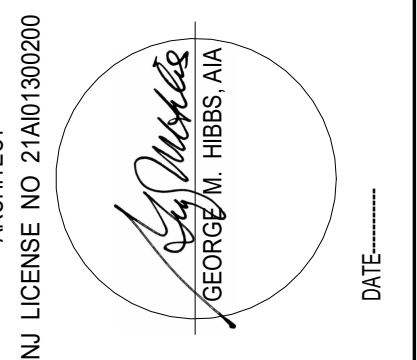
**PE/FP/FA ENGINEERS:**  
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**IT/SECURITY ENGINEERS:**  
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COMMISSIONS	
DATE	DESCRIPTION
01/10/25	100% FOR CONSTRUCTION


[illegible]

William Paterson University  
Recreation and Health  
Sciences Center

William Paterson University

DATE: 01/10/2025

SCALE:

RAWN BY: AD, TC, EW, MM

CHECKED BY: MM

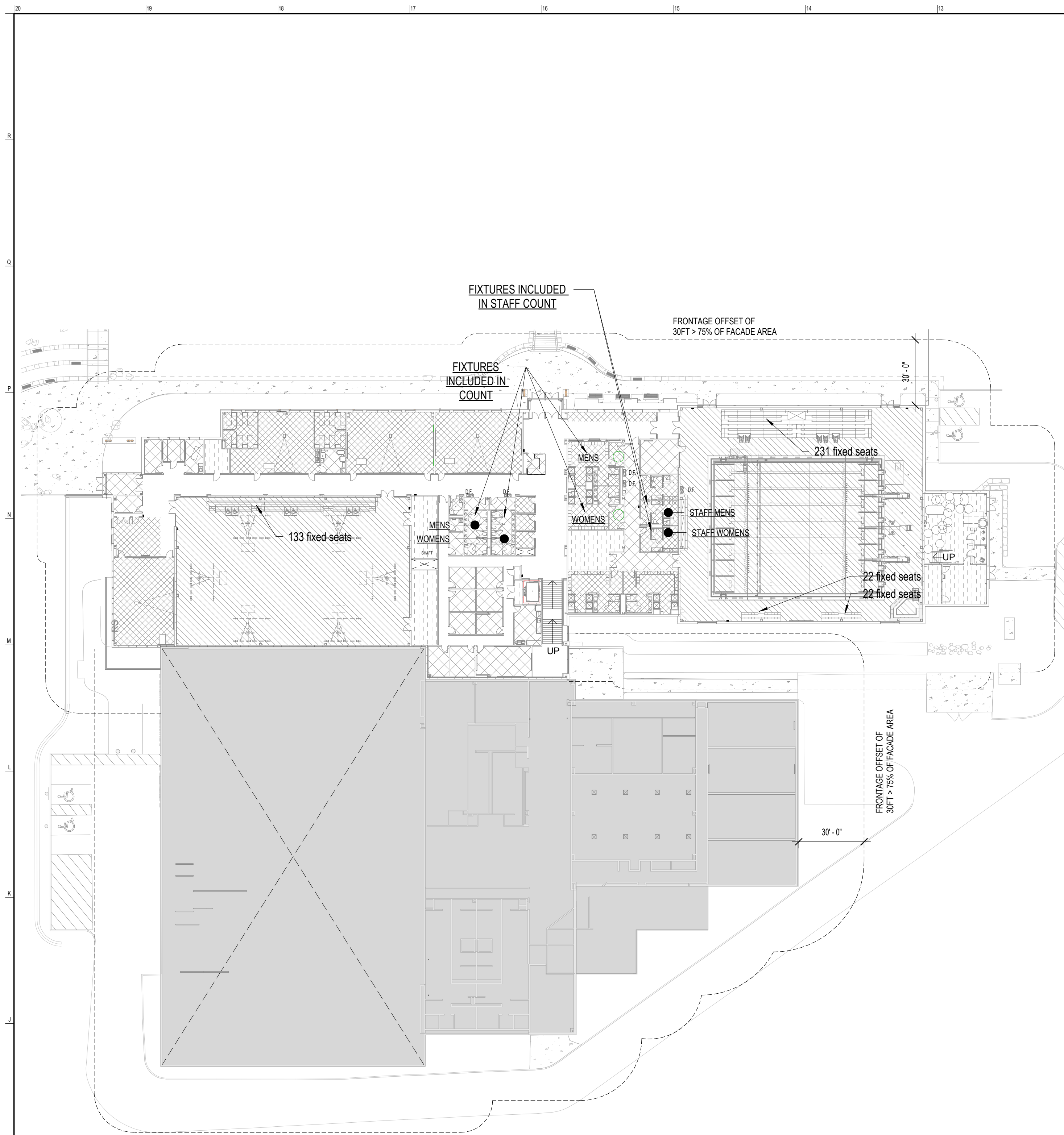
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EXTERIOR RENDERING

DRAWING NO.:

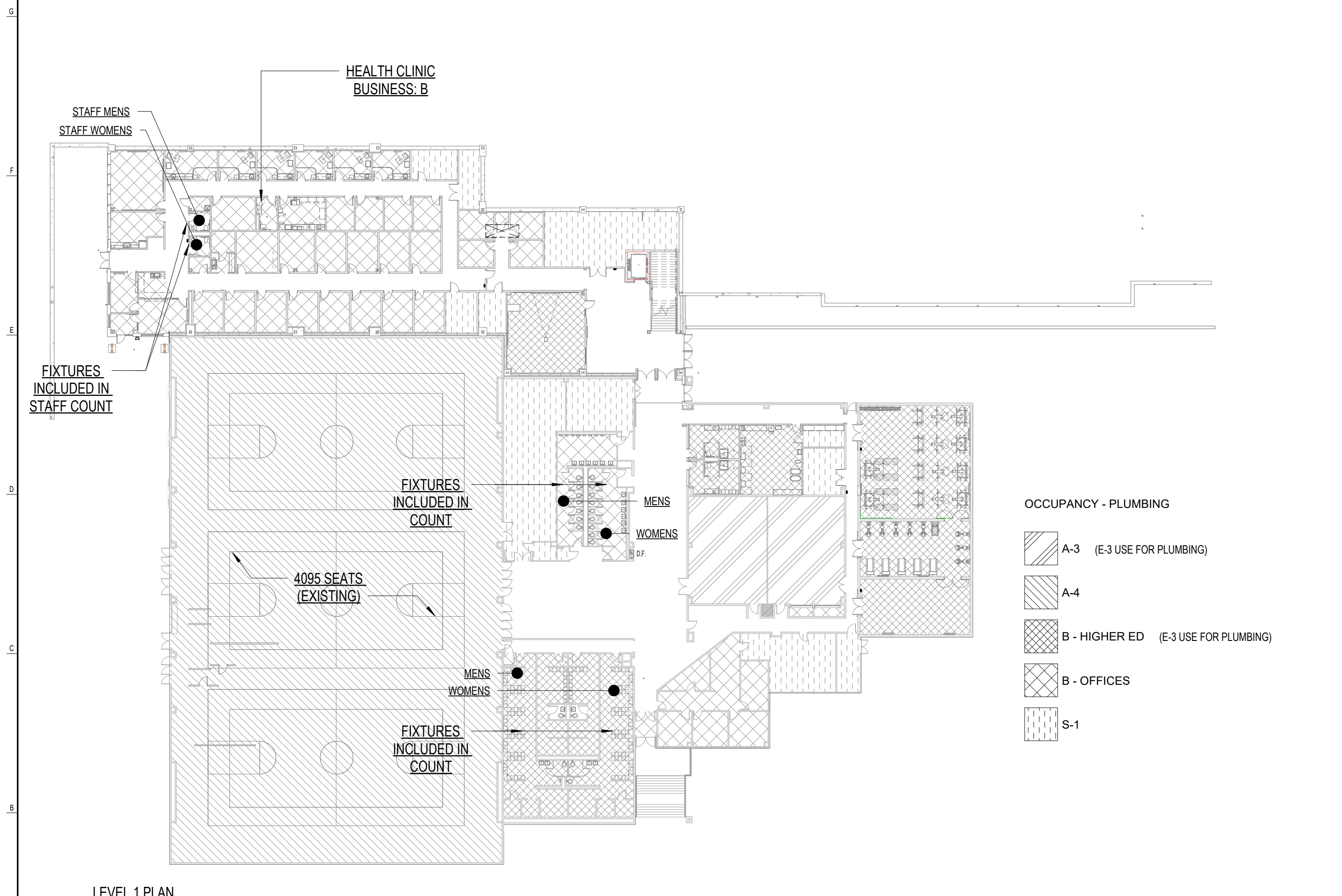
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CH PROJECT NO: 2354





LEVEL 2 PLAN



LEVEL 1 PLAN

PLUMBING FIXTURES - TYPICAL OPERATION:  
EXISTING GYM ACADEMIC SPACE

PLUMBING OCCUPANCY				
OCCUPANCY CLASS	OCCUPANTS BASED ON EGRESS:	2/3 EGRESS	EACH SEX	
BUSINESS: B	103 @ 1ST FLOOR 39 @ 2ND FLOOR	95 OCC	48 occ	
HIGHER ED: E-3	341 @ 1ST FLR 34 @ 2ND FLR	457 OCC	229 occ	
ASSEMBLY: A-4 (EXISTING GYM)	22,787SF 456 OCCUPANTS	364 OCC	153 occ	
ASSEMBLY: A-4 (POOL)	906 @ 2ND FLOOR	604 OCC	302 occ	
ASSEMBLY: A-4 (GYM)	279 @ 2ND FLOOR	186 OCC	93 occ	
STORAGE: S-1	12 @ 1ST FLR 12 @ 2ND FLR	16 OCC	8 OCC	

NOTE:  
1. SEE SAFETY PLANS FOR OCCUPANT LOADS OF INDIVIDUAL SPACES  
2. PER NSPC-2018 7.21.2 MINIMUM NUMBER OF FIXTURES SHALL BE BASED ON NUMBER OF PERSONS TO BE SERVED BY THE FIXTURES AS DETERMINED BY THE PERSON RESPONSIBLE FOR THE DESIGN

MINIMUM REQUIRED PLUMBING FIXTURES BASED ON EGRESS LOADS											
OCCUPANCY CLASS	OCCUPANTS (EACH SEX)	WATER CLOSETS		LAVATORIES		BATH OR SHOWER		DRINKING FACILITIES		OTHER	
		MALE	FEMALE	MALE	FEMALE	MALE	FEMALE				
BUSINESS: B (STAFF)	48 OCC	1 FIRST 15 1 NEXT 30 1 NEXT 50	1 FIRST 15 1 NEXT 30 1 NEXT 50	1 FIRST 15 1 NEXT 30 1 NEXT 50	1 FIRST 15 1 NEXT 30 1 NEXT 50	-	-	1 per 100	-	1 SERVICE SINK PER FLOOR	
	RECD	2	2	1	1	-	-	1	-		
ASSEMBLY: A-4	548 OCC	2 FIRST 100 2 NEXT 200 1 EA ADDL 400	2 FIRST 100 2 NEXT 200 1 EA ADDL 400	2 FIRST 100 2 NEXT 200 1 EA ADDL 400	2 FIRST 100 2 NEXT 200 1 EA ADDL 400	-	-	1 per 500	-		
	RECD	6.74	7.48	6.74	6.74	-	-	2.19	-		
E-3 HIGHER EDUCATION (USED FOR ALL B-USE SPACES)	229 OCC	1 FIRST 30 1 NEXT 30 1 EA ADDL 50	1 FIRST 30 1 NEXT 30 1 EA ADDL 50	1 FIRST 30 1 NEXT 30 1 EA ADDL 50	1 FIRST 30 1 NEXT 30 1 EA ADDL 50	-	-	1 per 100	-	1 SERVICE SINK PER FLOOR	
	RECD	5.58	5.58	5.58	5.58	-	-	4.58	-		
STORAGE: S-1	8 OCC	1 FIRST 50	1 FIRST 50	1 FIRST 50	1 FIRST 50	-	-	1 per 500	-		
	RECD	0.18	0.18	0.18	0.18	-	-	0.04	-		
TOTALS: BUSINESS (STAFF)	PROVIDED	2	2	2	2	0	0	0	-	1 SERVICE SINK PER FLOOR	
TOTALS (NON-STAFF)	RECD	12.7	13.22	12.7	12.7	-	-	6.77	-		
	PROVIDED	25	19	16	16	-	-	12	-		

NOTE:  
\* BUSINESS USE DRINKING FACILITIES PROVIDED IN STAFF BREAK ROOMS

PLUMBING FIXTURES - SIMULTANEOUS POOL & GYM EVENT & HEALTH OCCUPIED  
(NO ACADEMIC CLASSES AT SAME TIME)

PLUMBING OCCUPANCY				
OCCUPANCY CLASS	OCCUPANTS BASED ON EGRESS:	2/3 EGRESS	EACH SEX	
BUSINESS: B	103 @ 1ST FLOOR 39 @ 2ND FLOOR	95 OCC	48 occ	
HIGHER ED: E-3	NON-SIMULTANEOUS		0 occ	
ASSEMBLY: A-4 (EXISTING GYM)	4096 OCCUPANTS POSTED	2730 OCC	1365 occ	
ASSEMBLY: A-4 (POOL)	906 @ 2ND FLOOR	604 OCC	302 occ	
ASSEMBLY: A-4 (GYM)	NON-SIMULTANEOUS		0 occ	
STORAGE: S-1	12 @ 1ST FLR 12 @ 2ND FLR	16 OCC	8 OCC	

NOTE:  
1. SEE SAFETY PLANS FOR OCCUPANT LOADS OF INDIVIDUAL SPACES  
2. PER NSPC-2018 7.21.2 MINIMUM NUMBER OF FIXTURES SHALL BE BASED ON NUMBER OF PERSONS TO BE SERVED BY THE FIXTURES AS DETERMINED BY THE PERSON RESPONSIBLE FOR THE DESIGN

MINIMUM REQUIRED PLUMBING FIXTURES BASED ON EGRESS LOADS											
OCCUPANCY CLASS	OCCUPANTS (EACH SEX)	WATER CLOSETS		LAVATORIES		BATH OR SHOWER		DRINKING FACILITIES		OTHER	
		MALE	FEMALE	MALE	FEMALE	MALE	FEMALE				
BUSINESS: B (STAFF)	48 OCC	1 FIRST 15 1 NEXT 30 1 NEXT 50	1 FIRST 15 1 NEXT 30 1 NEXT 50	1 FIRST 15 1 NEXT 30 1 NEXT 50	1 FIRST 15 1 NEXT 30 1 NEXT 50	-	-	1 per 100	-	1 SERVICE SINK PER FLOOR	
	RECD	2	2	1	1	-	-	1	-		
ASSEMBLY: A-4	1667 OCC	2 FIRST 100 2 NEXT 200 1 EA ADDL 400	2 FIRST 100 2 NEXT 200 1 EA ADDL 400	2 FIRST 100 2 NEXT 200 1 EA ADDL 400	2 FIRST 100 2 NEXT 200 1 EA ADDL 400	-	-	1 per 500	-		
	RECD	12.25	18.49	12.25	12.25	-	-	6.6	-		
E-3 HIGHER EDUCATION (USED FOR ALL B-USE SPACES)	0 OCC	1 FIRST 30 1 NEXT 30 1 EA ADDL 50	1 FIRST 30 1 NEXT 30 1 EA ADDL 50	1 FIRST 30 1 NEXT 30 1 EA ADDL 50	1 FIRST 30 1 NEXT 30 1 EA ADDL 50	-	-	1 per 100	-		
	RECD	0	0	0	0	-	-	0	-		
STORAGE: S-1	8 OCC	1 FIRST 50	1 FIRST 50	1 FIRST 50	1 FIRST 50	-	-	1 per 500	-		
	RECD	0.18	0.18	0.18	0.18	-	-	0.04	-		
TOTALS: BUSINESS (STAFF)	PROVIDED	2	2	2	2	0	0	0	-	1 SERVICE SINK PER FLOOR	
TOTALS (NON-STAFF)	RECD	12.43	18.67	12.31	12.43	-	-	6.6	-		
	PROVIDED	25	19	16	16	-	-	12	-		

NOTE:  
\* BUSINESS USE DRINKING FACILITIES PROVIDED IN STAFF BREAK ROOMS

ITEM 1 - APPLICABLE REFERENCES & CODES:

- INTERNATIONAL BUILDING CODE, NJ EDITION - 2021
- INTERNATIONAL FIRE CODE, NJ EDITION - 2021
- NATIONAL STANDARD PLUMBING CODE - 2021
- NATIONAL ELECTRICAL CODE (NFPA 70) - 2020
- ASHRAE 90.1 - 2019
- INTERNATIONAL MECHANICAL CODE - 2021
- INTERNATIONAL FUEL GAS CODE - 2021
- REHABILITATION SUB CODE - N.J.A.C. 5:23-6.5
- BARRIER FREE SUB CODE - N.J.A.C. 5:23-7.1 ANS1 A117.1 - 2017
- ELEVATOR SUBCODE 5:23-12 ASME A17.1 SAFETY CODE FO ELEVATORS AND ESCALATORS
- NEW JERSEY SWIMMING POOL AND SPA CODE 2021
- NEW JERSEY STANDARD ON BLEACHERS, FOLDING AND TELESCOPIC SEATING, AND GRANDSTANDS 2017

THIS PROJECT INCLUDES AREAS CLASSIFIED AS ALTERATIONS, AND AREAS OF RENOVATION PER NJAC5:23-6 WITHIN AN EXISTING HIGHER EDUCATION A-4 ASSEMBLY BUILDING. THIS WORK DOES NOT INCLUDE A CHANCE OF USE. THE BUILDING WILL REMAIN OCCUPIED DURING CONSTRUCTION. A NEW ADDITION IS ALSO BEING CONSTRUCTED DIRECTLY ADJACENT. A TWO-HOUR FIRE-WALL SHALL BE CONSTRUCTED SEPARATING THE ADDITION FROM THE EXISTING CREATED TWO FIRE AREAS.

THE EXISTING BUILDING (FIRE-AREA #1) IS A NON-SEPARATED MIXED USE BUILDING WITH A-3, A-4, B AND S-1 OCCUPANCIES. THE ADDITION (FIRE-AREA #2) IS A SEPARATE MIXED USE BUILDING WITH A-4, B, AND S-1 OCCUPANCIES.

THIS CODE EVALUATION MUST BE PERFORMED FROM TWO DIFFERENT PERSPECTIVES. AREAS OF NEWLY CREATED STRUCTURE MUST BE EVALUATED AGAINST THE REQUIREMENTS OF THE APPLICABLE CODES LISTED ABOVE. THE EXISTING BUILDING SCHEDULED TO REMAIN MUST BE EVALUATED AGAINST THE REQUIREMENTS OF THE NEW JERSEY REHAB SUBCODE (5:23-6.1 THROUGH 6.33) FOR ANY PROPOSED WORK.

- RENOVATION: THE REMOVAL AND REPLACEMENT OR COVERING OF EXISTING INTERIOR OR EXTERIOR FINISH, TRIM, DOORS, WINDOWS, OR OTHER MATERIALS WITH NEW MATERIALS THAT SERVE THE SAME PURPOSE AND DO NOT CHANGE THE CONFIGURATION OF SPACE. RENOVATION SHALL INCLUDE THE REPLACEMENT OF EQUIPMENT OR FIXTURES. RENOVATION WORK MUST COMPLY WITH N.J.A.C. 5:23-6.5. ALTERATION WORK MUST ALSO COMPLY WITH MATERIALS AND METHODS THAT ARE SET FORTH IN N.J.A.C. 5:23-6.8.
- ALTERATION: THE REARRANGEMENT OF ANY SPACE BY THE CONSTRUCTION OF WALLS OR PARTITIONS OR BY A CHANGE IN CEILING HEIGHT, THE ADDITION OR ELIMINATION OF ANY DOOR OR WINDOW, THE EXTENSION OR REARRANGEMENT OF ANY SYSTEM, THE INSTALLATION OF ANY ADDITIONAL EQUIPMENT OR FIXTURES, AND ANY WORK WHICH REDUCES THE LOAD-BEARING CAPACITY OF OR WHICH IMPOSES ADDITIONAL LOADS ON A PRIMARY STRUCTURAL COMPONENT. ALTERATION WORK MUST COMPLY WITH N.J.A.C. 5:23-6.6. ALTERATION WORK MUST ALSO COMPLY WITH MATERIALS AND METHODS THAT ARE SET FORTH IN N.J.A.C. 5:23-6.8.

FIRE AREA #1: BUILDING AREAS		44,695 GSF (UNCHANGED)
FIRST FLOOR EXISTING	2,470 GSF	
AREAS OF RENOVATION:	5,789 GSF	
AREAS OF ALTERATIONS:	180 GSF	
NEW CONSTRUCTION:	0 GSF	
FIRST FLOOR:	180 GSF	
SECOND FLOOR:	0 GSF	

FIRE AREA #1 TOTAL: 44,785 GSF	
FIRST FLOOR: 44,785 GSF	
SECOND FLOOR: 0 GSF	

FIRE AREA #2 BUILDING AREAS		0 GSF
FIRST FLOOR EXISTING	0 GSF	
NEW CONSTRUCTION:	13,800 GSF	
FIRST FLOOR:	40,871 GSF	
SECOND FLOOR:	0 GSF	

FIRE AREA #2 TOTAL: 54,871 GSF	
FIRST FLOOR: 13,800 GSF	
SECOND FLOOR: 40,871 GSF	

OVERALL TOTAL EXISTING AND ADDITION: 99,456 GSF	
FIRST FLOOR: 58,585 GSF	
SECOND FLOOR: 40,871 GSF	

BUILDING VOLUME:		355,500 cu. ft.
pool:	217,350 cu. ft.	
gym:	214,000 cu. ft.	
First floor proposed:	321,000 cu. ft.	
Second floor proposed:	936,850 cu. ft.	
Existing gym:	498,750 cu. ft.	
Existing 1st floor:	1,435,600 cu. ft.	
Existing total:	786,850 cu. ft.	
Total:	2,222,450 cu. ft.	

- CHAPTER 3 - OCCUPANCY CLASSIFICATION:  
PRIMARY OCCUPANCIES (SEPARATED 4 HR):  
BUSINESS GROUP B: EDUCATIONAL OCCUPANCIES ABOVE 12TH GRADE (\$304.1)  
OTHER OCCUPANCIES (NON-SEPARATED):  
ASSEMBLY GROUP A-4: GYMNASIUMS & SWIMMING POOLS WITH SPECTATOR SEATING (\$303.5)  
OTHER OCCUPANCIES (NON-SEPARATED):  
STORAGE GROUP S-1  
ACCESSORY GROUP S-1 LESS THAN 10% OF PRIMARY OCCUPANCY

CHAPTER 4: SPECIAL DETAILED REQUIREMENTS:  
N/A  
CHAPTER 5: GENERAL BUILDING HEIGHTS AND AREAS (SEPARATED USE):  
THE DESIGN IS BASED ON TYPE IIB CONSTRUCTION. THE EXISTING BUILDING IS EQUIPPED WITH A FIRE SPRINKLER SYSTEM THAT WILL BE EXPANDED TO THE ADDITION FOR A FULLY SPRINKLERED STRUCTURE PER 903.3.1.1

ALLOWABLE BUILDING HEIGHT IN FEET ABOVE GRADE PLANE (TABLE 504.3):  
TYPE IIB, USE GROUP A.B & SPRINKLERED = 75-FEET  
FIRE AREA #1: EXISTING UNCHANGED = 41'-0" (COMPLIES)  
FIRE AREA #2: PROPOSED BUILDING HEIGHT = 54-FEET 6 INCHES (COMPLIES)

ALLOWABLE NUMBER OF STORIES ABOVE GRADE PLANE (TABLE 504.4):  
TYPE IIB, USE GROUP B MOST RESTRICTIVE, SPRINKLERED - 4 STORIES  
FIRE AREA #1: EXISTING UNCHANGED - 1 STORY (COMPLIES)  
FIRE AREA #2: PROPOSED NUMBER OF STORIES ABOVE GRADE PLANE - 2 STORIES (COMPLIES)

ALLOWABLE BUILDING AREA (TABLE 506.2):  
FIRE AREA #1 (ONE-STORY BUILDING) EXISTING  
TYPE IIB, USE GROUP A MOST RESTRICTIVE, SPRINKLERED SM1 = 38,000  
ONE STORY BUILDING = FIRE AREA #1:  
MAX ALLOWABLE WITH FRONTAGE INCREASE: 38,000 + (75 x 9,500) = 45,125 GSF

FIRE AREA #2 (MULTI-STORY SEPARATED MIXED USE)  
TYPE IIB, USE GROUP B, SPRINKLERED SM = 69,000SF  
MAX ALLOWABLE WITH FRONTAGE INCREASE: 69,000 + (75 X 23,000) = 86,250 GSF  
TYPE IIB, USE GROUP A, SPRINKLERED SM = 28,500SF  
MAX ALLOWABLE WITH FRONTAGE INCREASE: 28,500 + (75 x 9,500) = 35,625 GSF

(FRONTAGE INCREASE FACTOR = .75 FOR BUILDINGS WITH 75-100% PERIMETER WITH GREATER THAN 30FT OPEN SPACE PER 506.3)  
FIRE AREA #1:  
NON-SEPARATE MIXED ONE-STORY BUILDING SHALL COMPLY WITH MOST RESTRICTIVE OCCUPANCY (GROUP A-3 AND A-4) PROPOSED EXISTING AREA AND ADDITION = 44,785 GSF < MAX ALLOWABLE (AREA COMPLIES)  
FIRE AREA #2:  
SEPARATE MIXED USE ALLOWABLE PER STORY (508.4.2) RATIO OF ACTUAL BUILDING AREA DIVIDED BY ALLOWABLE BUILDING AREA SHALL NOT EXCEED 1 AND ALL STORIES COMBINED SHALL NOT EXCEED 3.  
FIRST FLOOR B = 13,800 GSF / 86250 ALLOWABLE = .16  
TOTAL FIRST FLOOR = .16  
SECOND FLOOR A-4 = 18728 GSF / 15625 ALLOWABLE = .53  
SECOND FLOOR B = 22099 GSF / 86250 ALLOWABLE = .26  
TOTAL SECOND FLOOR = .79  
FIRE AREA #2 TOTAL = .16+.79 = .95 < REQUIRED VALUE OF 3 (AREA COMPLIES)

CHAPTER 6 - CONSTRUCTION TYPE:  
EXISTING: IIB CONSTRUCTION - UNPROTECTED, NON-COMBUSTIBLE  
PROPOSED ADDITION: IIB CONSTRUCTION

TABLE 601 INDICATED THE FOLLOWING MINIMUM REQUIRED RATINGS FOR VARIOUS BUILDING ELEMENTS:

	TYPE 2B
PRIMARY STRUCTURAL FRAME	0
BEARING WALLS (EXTERIOR)	0
BEARING WALLS (INTERIOR)	0
NON-BEARING WALLS (EXTERIOR)	0
NON-BEARING WALLS (INTERIOR)	0
FLOOR CONSTRUCTION + SECONDARY MEMBERS	0
ROOF CONSTRUCTION + SECONDARY MEMBERS	0

EXTERIOR WALL RATINGS: ACCORDING TO TABLE 602, THE EXTERIOR WALLS DO NOT NEED TO BE RATED SINCE THE BUILDING IS MORE THAN 30FT FROM ANY ADJACENT BUILDINGS.

CHAPTER 7 - FIRE AND SMOKE PROTECTION FEATURES:  
EXTERIOR WALL OPENINGS (705.9) NOT LIMITED  
SHAFT ENCLOSURES (713) 1 HOUR CONSTRUCTED AS FIRE-BARRIERS, CONNECTING LESS THAN FOUR STORIES

FIRE-BARRIER CONTINUITY (707.5) EXTEND FROM TOP OF FOUNDATION OR FLOOR/CEILING ASSEMBLY BELOW TO UNDERSIDE OF THE FLOOR OR ROOF SHEATHING, SLAB OR DECK ABOVE AND SHALL BE SECURELY ATTACHED THERETO.

FIRE-BARRIER SUPPORTING CONSTRUCTION (707.5.1) SHALL BE AFFORDED RESISTENCE RATING OF FIRE BARRIER SUPPORTED. HOLLOW VERTICAL SPACES WITHIN A FIRE-BARRIER shall be fire-blocked in accordance with section 718.2 at every floor level

CHAPTER 8 - INTERIOR FINISHES:

OCCUPANCY GROUP	INTERIOR EXIT STAIRS, RAMPS & PASSAGEWAYS	CORRIDORS & ENCLOSURE FOR EXIT ACCESS	ROOMS & ENCLOSED SPACES
A-4:	B	B	C
B:	B	C	C
S:	C	C	C

CHAPTER 9 - FIRE PROTECTION SYSTEMS

901.6.1 AUTOMATIC SPRINKLER SYSTEMS SHALL BE MONITORED BY AN APPROVED SUPERVISING STATIONS  
901.6.3 FIRE ALARM SYSTEMS REQUIRED SHALL BE MONITORED BY ANY APPROVED SUPERVISING STATION

AUTOMATIC SPRINKLER: PROVIDED, FULLY SPRINKLERED PER 903.3 TO MEET OR EXCEED NFPA 13

PORTABLE FIRE EXTINGUISHERS:

- PORTABLE FIRE EXTINGUISHERS SHALL BE INSTALLED IN A, B, S OCCUPANCIES
- WHERE FLAMMABLE OR COMBUSTIBLE LIQUIDS ARE STORED, USED OR DISPENSED, SPECIAL HAZARD AREAS, INCLUDING BUT NOT LIMITED TO LABORATORIES, COMPUTER ROOMS, GENERATOR ROOMS WHERE REQUIRED BY THE FIRE PROTECTION SUBCODE OFFICIAL.

SIZE AND DISTRIBUTION (905.3):

- FIRE EXTINGUISHER SIZE: 2A-10B-C TYPICAL
- MAXIMUM FLOOR AREA FOR EACH UNIT OF A: 1,500SF
- MAXIMUM DISTANCE OF TRAVEL TO EXTINGUISHER: 75FT

FIRE ALARM AND DETECTION SYSTEMS (907.2)

- APPROVED FIRE ALARM SYSTEM INSTALLED IN ACCORDANCE WITH PROVISIONS OF THE IBC-NJ AND NFPA 72
- GROUP A & B: MANDATORY FIRE ALARM SYSTEM WHICH ACTIVATES THE OCCUPANT NOTIFICATION SYSTEM IN ACCORDANCE WITH DETECTION
- ACTIVATION OF THE FIRE ALARM IN GROUP A OCCUPANCIES WITH AN OCCUPANT LOAD OF 1,000 OR MORE SHALL INITIATE A SIGNAL USING AN EMERGENCY VOICELARM COMMUNICATIONS SYSTEM IN ACCORDANCE WITH SECTION 907.5.2.2
- EMERGENCY VOICELARM COMMUNICATION SYSTEM (97.5.2.2) REQUIRED AND SHALL BE DESIGNATED AND INSTALLED IN ACCORDANCE WITH NFPA 72. MINIMUM PAGING ZONES SHALL BE ELEVATOR GROUPS, INTERIOR EXIT STAIRWAYS, EACH FLOOR, AND AREAS OF REFUGE.

CHAPTER 10 - MEANS OF EGRESS

MAXIMUM FLOOR AREA PER OCCUPANTS (1004.5)

EDUCATIONAL CLASSROOM	20 NET
ASSEMBLY WITHOUT FIXED SEATING UNCONCENTRATED (TABLES AND CHAIRS)	15 NET
EXERCISE ROOM	50 GROSS
SWIMMING POOL	50 GROSS
STORAGE AND MECHANICAL	300 GROSS

TOTAL OCCUPANTS: SEE LIFE SAFETY PLANS

FIRST FLOOR - EXISTING: 4207 OCCUPANTS  
FIRST FLOOR - NEW: 230 OCCUPANTS  
SECOND FLOOR: 1577 OCCUPANTS  
TOTAL: 6014 OCCUPANTS

REQUIRED EGRESS CAPACITY (1005.3)  
STAIRS AND RAMPS: 0.2" PER OCCUPANT  
OTHER ELEMENTS: 0.15" PER OCCUPANT

SPACES WITH ONE EXTERIOR EXIT ACCESS DOORWAY (1006.2.1)  
A-4 MAXIMUM OCCUPANTS LOAD OF SPACE: 49  
B MAXIMUM OCCUPANTS LOAD OF SPACE: 49  
COMMON PATH OF TRAVEL: 75 FT  
COMMON PATH OF TRAVEL: 100 FT

MINIMUM NUMBER OF EXITS OR ACCESS TO EXITS PER STORY PER 1006.3.2 TABLE  
OCCUPANT LOAD PER STORY MIN # OF EXITS  
1-500 2  
501-1000 3  
1000+ 4

ACCESSIBLE MEANS OF EGRESS (1009.1)  
ACCESSIBLE SPACES SHALL BE PROVIDED WITH NOT LESS THAN ONE ACCESSIBLE MEANS OF EGRESS. WHERE MORE THAN ONE MEANS OF EGRESS IS REQUIRED BY SECTION 1006.2 OR 1006.3 FROM ANY ACCESSIBLE SPACE, EACH ACCESSIBLE PORTION OF THE SPACE SHALL BE SERVED BY NOT LESS THAN TWO ACCESSIBLE MEANS OF EGRESS.

EXIT ACCESS TRAVEL DISTANCE (1017.2)  
A: 250 FT WITH SPRINKLER SYSTEM  
B: 300 FT WITH SPRINKLER SYSTEM

TRAVEL DISTANCE ON EXIT ACCESS STAIRWAYS OR RAMPS SHALL BE INCLUDED IN THE EXIT TRAVEL DISTANCE MEASUREMENT. THE MEASUREMENT ALONG STAIRWAYS SHALL BE MADE ON A PLANE PARALLEL AND TANGENT TO THE STAIR TREAD NOSINGS IN THE CENTER OF THE STAIR AND LANDINGS. (1017.3.1)

CORRIDOR FIRE RESISTANCE (1020.1)  
A, B: 0 HOURS WITH SPRINKLER SYSTEM

MINIMUM CORRIDOR WIDTH (1020.2)  
OTHER AREAS: 44 INCHES

DEAD END CORRIDORS (1020.4)  
EXCEPTION #2: GROUP B WITH AUTOMATIC SPRINKLER SYSTEM: <50 FT

CHAPTER 11 - ACCESSIBILITY

SITE ARRIVAL POINTS (1104.1)  
AT LEAST ONE ACCESSIBLE ROUTE WITHIN THE SITE SHALL BE PROVIDED FROM PUBLIC TRANSPORTATION STOPS, ACCESSIBLE PARKING, ACCESSIBLE PASSENGER LOADING ZONES, AND PUBLIC STREETS OR SIDEWALKS TO THE ACCESSIBLE BUILDING ENTRANCE SERVED.

PUBLIC ENTRANCES (1105.1)  
IN ADDITION TO ACCESSIBLE ENTRANCES REQUIRED BY SECTIONS 1105.1.1 THROUGH 1105.1.7, AT LEAST 60 PERCENT OF ALL PUBLIC ENTRANCES SHALL BE ACCESSIBLE.

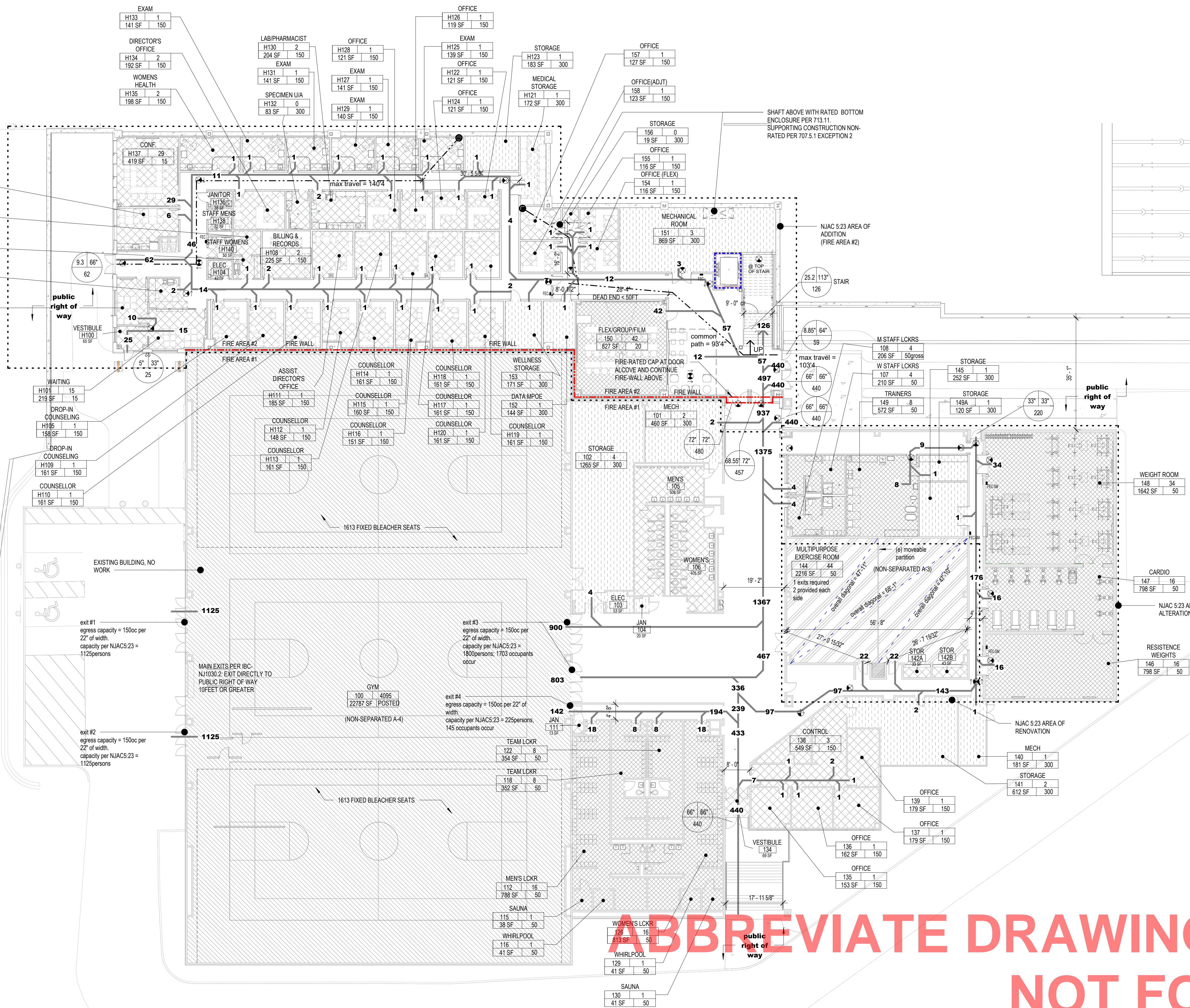
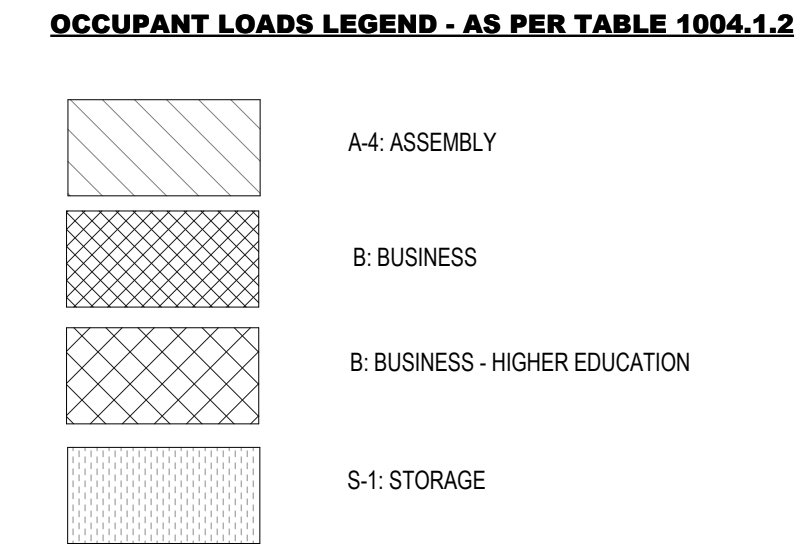
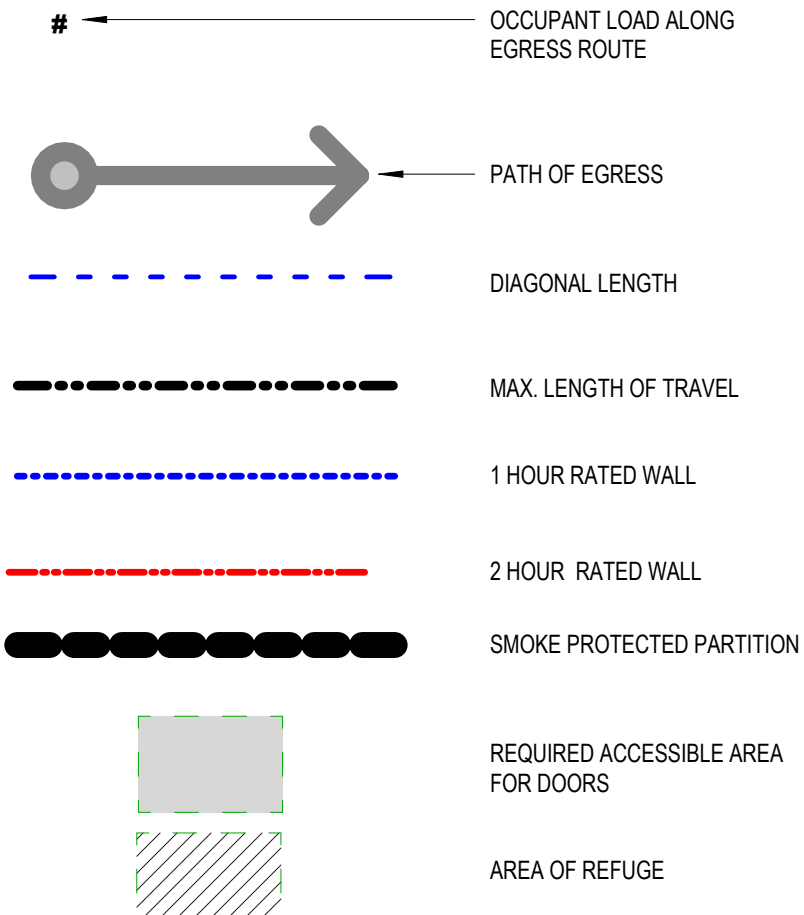
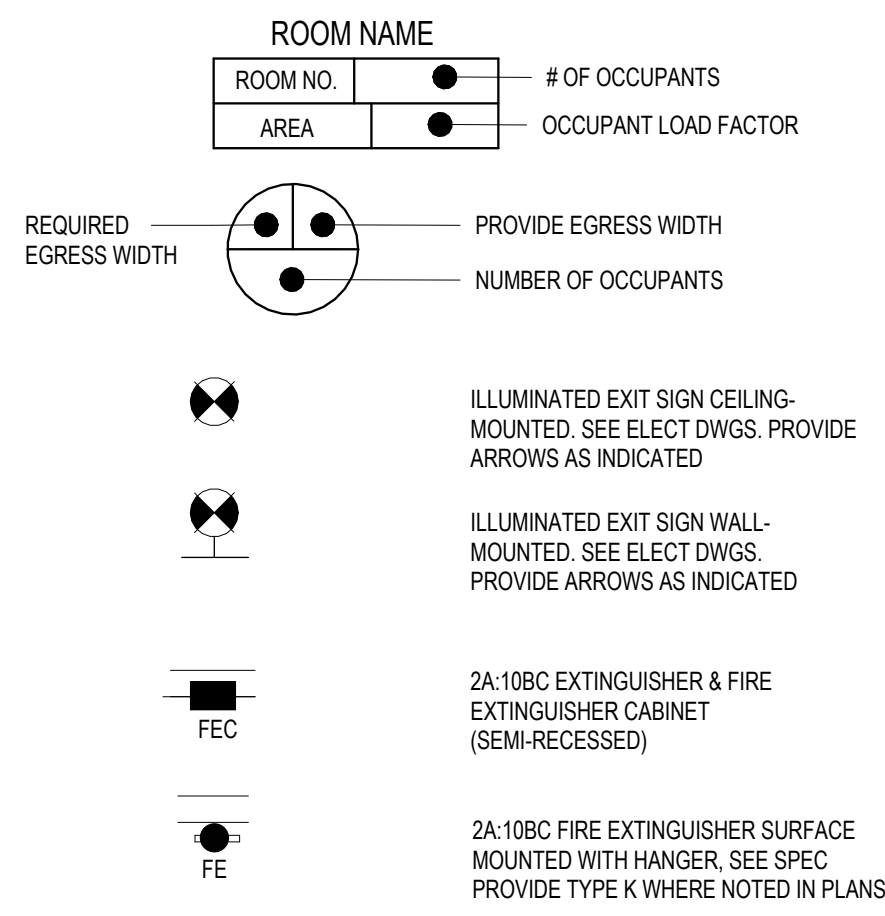
TOILET AND BATHING FACILITIES (1109.2)  
EACH TOILET ROOM AND BATHING ROOM SHALL BE ACCESSIBLE. EXCEPT AS PROVIDED FOR IN SECTIONS 1109.2.2 AND 1109.2.3, AT LEAST ONE OF EACH TYPE OF FIXTURE, ELEMENT, CONTROL OR DISPENSER IN EACH ACCESSIBLE TOILET ROOM AND BATHING ROOM SHALL BE ACCESSIBLE.

MINIMUM NUMBER OF DRINKING FOUNTAINS (1109.5.1)  
NOT FEWER THAN TWO DRINKING FOUNTAINS SHALL BE PROVIDED. ONE DRINKING FOUNTAIN SHALL COMPLY WITH THE REQUIREMENTS FOR PEOPLE WHO USE A WHEELCHAIR AND ONE DRINKING FOUNTAIN SHALL COMPLY WITH THE REQUIREMENTS FOR STANDING PERSONS.

DRINKING FOUNTAIN COUNT: 10



- CODE PLAN LEGEND -



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Recreation and Health  
Sciences Center**  
William Paterson University

DATE: 01/10/2025  
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DRAWN BY: AD, TC, EW, MM  
CHECKED BY: MM

SHEET TITLE:  
LIFE SAFETY & EGRESS  
- LEVEL 1

DRAWING NO.:  
**LS-101**  
CCH PROJECT NO.: 2354



**- CODE PLAN LEGEND -**

**ROOM NAME**

ROOM NO.	●	# OF OCCUPANTS
AREA	●	

REQUIRED EGRESS WIDTH

PROVIDE EGRESS WIDTH

NUMBER OF OCCUPANTS

ILLUMINATED EXIT SIGN CEILING MOUNTED: SEE ELECT DWGS. PROVIDE ARROWS AS INDICATED

ILLUMINATED EXIT SIGN WALL MOUNTED: SEE ELECT DWGS. PROVIDE ARROWS AS INDICATED

2A-10BC EXTINGUISHER & FIRE EXTINGUISHER CABINET (SEMI-RECESSED)

2A-10BC FIRE EXTINGUISHER SURFACE MOUNTED WITH HANGER, SEE SPEC. PROVIDE TYPE K WHERE NOTED IN PLANS

**OCCUPANT LOADS LEGEND - AS PER TABLE 1004.1.2**

	A-4: ASSEMBLY
	B: BUSINESS
	B: BUSINESS - HIGHER EDUCATION
	S-1: STORAGE

**PATH OF EGRESS**

PATH OF EGRESS

DIAGONAL LENGTH

MAX. LENGTH OF TRAVEL

1 HOUR RATED WALL

2 HOUR RATED WALL

SMOKE PROTECTED PARTITION

REQUIRED ACCESSIBLE AREA FOR DOORS

AREA OF REFUGE



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DATE.....

GEORGE M. HIBBS, AIA

*George M. Hibbs*

NU LICENSE NO 21A01300200

William Paterson University  
Recreation and Health  
Sciences Center

William Paterson University

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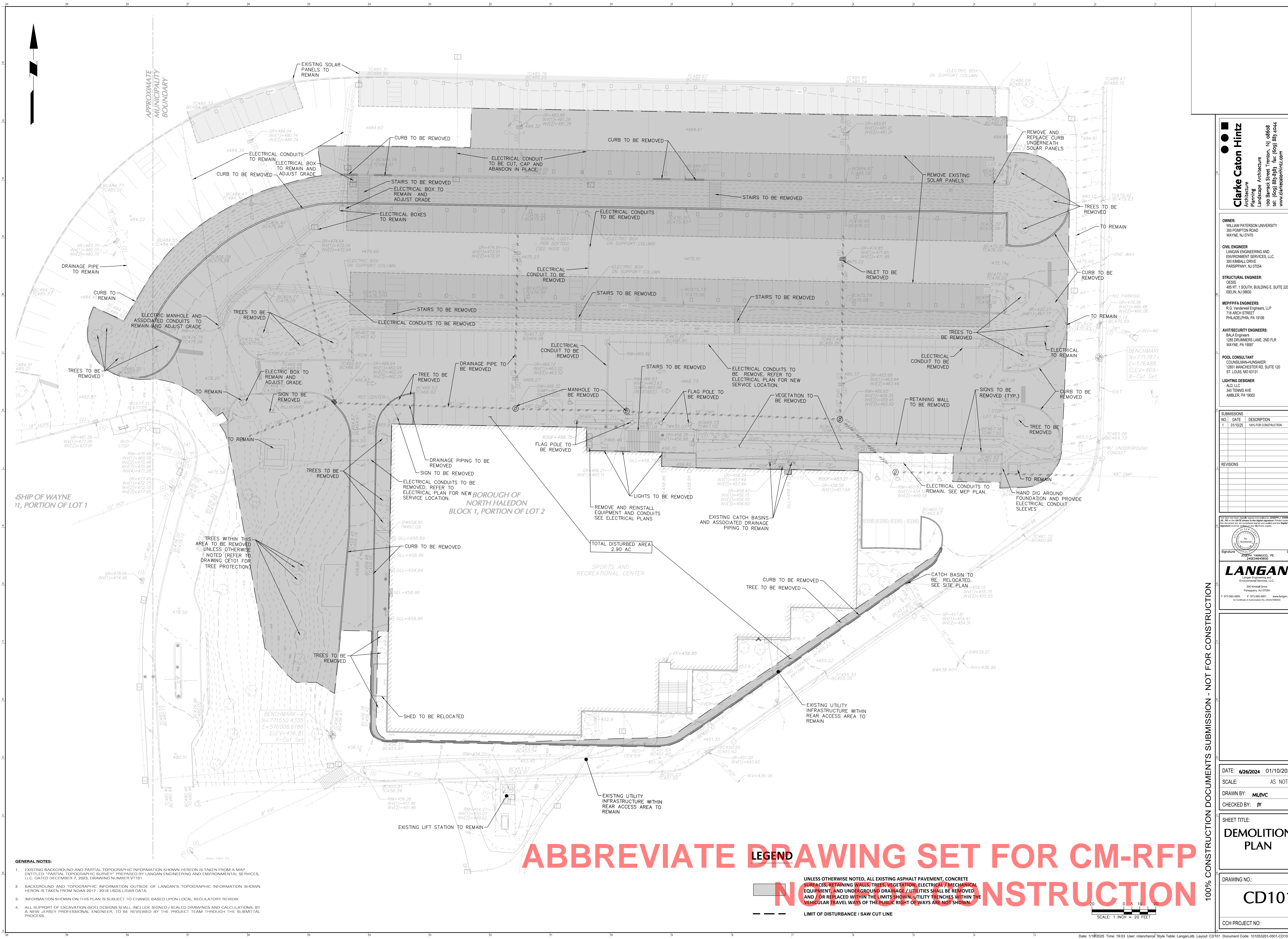
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LIFE-SAFETY & EGRESS  
LEVEL 2

DRAWING NO.:

S-102

H PROJECT NO: 2354





- GENERAL NOTES:**
- EXISTING BACKGROUND AND PARTIAL TOPOGRAPHIC INFORMATION SHOWN HEREON IS TAKEN FROM A MAP ENTITLED "PARTIAL TOPOGRAPHIC SURVEY" PREPARED BY LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES, LLC, DATED DECEMBER 7, 2023, DRAWING NUMBER VT101.
  - BACKGROUND AND TOPOGRAPHIC INFORMATION OUTSIDE OF LANGAN'S TOPOGRAPHIC INFORMATION SHOWN HEREON IS TAKEN FROM NOAA 2017 - 2018 USGS LIDAR DATA.
  - INFORMATION SHOWN ON THIS PLAN IS SUBJECT TO CHANGE BASED UPON LOCAL REGULATORY REVIEW.
  - ALL SUPPORT OF EXCAVATION (SOD) DESIGNS SHALL INCLUDE SIGNED / SEALED DRAWINGS AND CALCULATIONS, BY A NEW JERSEY PROFESSIONAL ENGINEER, TO BE REVIEWED BY THE PROJECT TEAM THROUGH THE SUBMITTAL PROCESS.

**ABBREVIATE LEGEND**

UNLESS OTHERWISE NOTED, ALL EXISTING ASPHALT PAVEMENT, CONCRETE SURFACES, RETAINING WALLS, TREES, VEGETATION, ELECTRICAL / MECHANICAL EQUIPMENT, AND UNDERGROUND DRAINAGE / UTILITIES SHALL BE REMOVED AND / OR REPLACED WITHIN THE LIMITS SHOWN. UTILITY TRENCHES WITHIN THE VEHICULAR TRAVELWAYS OF THE PUBLIC RIGHT OF WAYS ARE NOT SHOWN.

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Date: 2/4/2025

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SCALE: AS NOTED  
DRAWN BY: ML/JVC  
CHECKED BY: JY

SHEET TITLE:  
**DEMOLITION PLAN**

DRAWING NO.:  
**CD101**

CCH PROJECT NO:

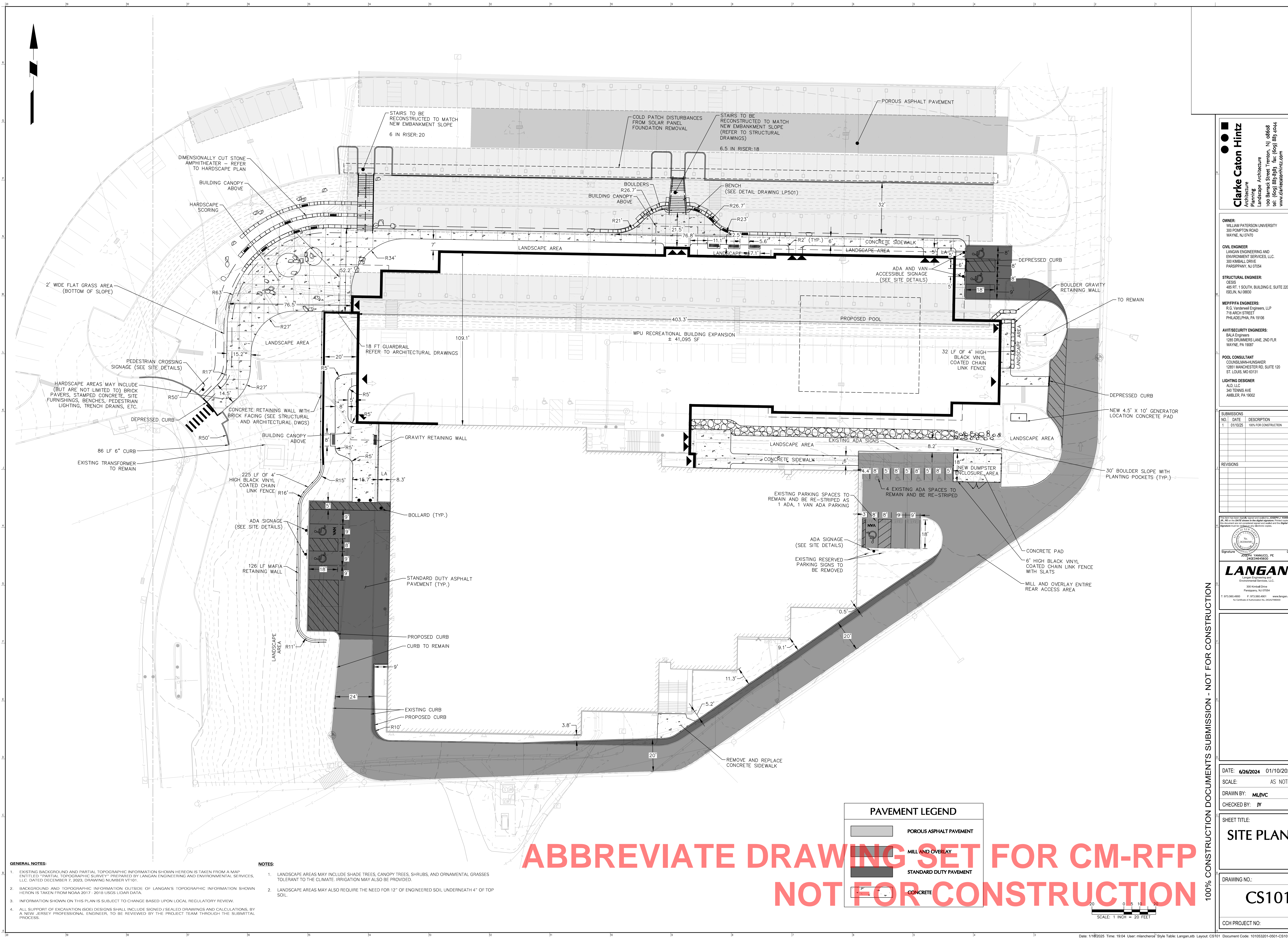
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3. INFORMATION SHOWN ON THIS PLAN IS SUBJECT TO CHANGE BASED UPON LOCAL REGULATORY REVIEW.

4. ALL SUPPORT OF EXCAVATION (SOE) DESIGNS SHALL INCLUDE SIGNED / SEALED DRAWINGS AND CALCULATIONS, BY A NEW JERSEY PROFESSIONAL ENGINEER, TO BE REVIEWED BY THE PROJECT TEAM THROUGH THE SUBMITTAL PROCESS.

NOTES:

1. LANDSCAPE AREAS MAY INCLUDE SHADE TREES, CANOPY TREES, SHRUBS, AND ORNAMENTAL GRASSES TOLERANT TO THE CLIMATE. IRRIGATION MAY ALSO BE PROVIDED.

2. LANDSCAPE AREAS MAY ALSO REQUIRE THE NEED FOR 12" OF ENGINEERED SOIL UNDERNEATH 4" OF TOP SOIL.

PAVEMENT LEGEND

POROUS ASPHALT PAVEMENT

MILL AND OVERLAY

STANDARD DUTY PAVEMENT

CONCRETE

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DRAWING NO.: CS101

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EXISTING TREELINE TO REMAIN (TYP.)

# SPORTS & RECREATIONAL CENTER

NOTE: REFER TO LP501 FOR LANDSCAPE NOTES & DETAILS.

ABBREVIATE DRAWING SET FOR CM/FP NOT FOR CONSTRUCTION

PLANT SCHEDULE						
KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	REMARKS
SHADE TREE(S)						
AR	8	ACER RUBRUM 'ARMSTRONG'	ARMSTRONG COLUMNAR RED MAPLE	3-3 1/2" CAL.	B+B	-
GDE	7	GYMNOCLADUS DIOICUS 'ESPRESSO'	KENTUCKY COFFEETREE	3-3 1/2" CAL.	B+B	-
ORNAMENTAL TREE(S)						
CC	5	CERCIS CANADENSIS	EASTERN REDBUD	10-12'	B+B	-
CVWK	3	CRATAEGUS VIRDIS 'WINTER KING'	WINTER KING HAWTHORN	10-12'	B+B	-
EVERGREEN TREE(S)						
PR	4	PINUS RIGIDA	PITCH PINE	7-8'	B+B	-
TGG	2	THUJA X 'GREEN GIANT'	GREEN GIANT ARBORVITAE	7-8'	B+B	-
TJG	2	THUJA X 'JUNIOR GIANT'	JUNIOR GIANT ARBORVITAE	6-7'	B+B	-
EVERGREEN SHRUB(S)						
CHY	88	CEPHALOTAXUS HARRINGTONIA 'PLANIA'	YEWTOPIA PLUM YEW	24-30"	B+B	-
IGS	30	ILEX GLABRA 'SHAMROCK'	SHAMROCK INKBERY HOLLY	24-30"	B+B	-
JVT	32	JUNIPERUS VIRGINIANA 'TAYLOR'	TAYLOR EASTERN REDCEDAR	3-4'	#5 CAN	-
VR	13	VIBURNUM RHYTIDOPHYLLUM	LEATHERLEAF VIBURNUM	30-36"	#5 CAN	-
DECIDUOUS SHRUB(S)						
CAH	54	CLETHRA ALNIFOLIA 'HUMMINGBIRD'	HUMMINGBIRD SUMMERSWEET	24-30"	CONTAINER	-
PF	52	PHYSOCARPUS OPULIFOLIUS 'DIABLO'	NINEBARK	24-30" SPRD.	CONTAINER	-
RAG	6	RHUS AROMATICA 'GRO LOW'	GRO LOW FRAGRANT SUMAC	24-30" SPRD.	CONTAINER	-
GROUND COVER (S)						
AH	121	AMSONIA HUBRICHTII	BLUESTAR	2 GAL.	CONTAINER	spaced @ 30" o.c.
ADW	175	ASTER DUMOSUS 'WOOD'S PURPLE'	WOODS PURPLE ASTER	2 GAL.	CONTAINER	spaced @ 24" o.c.
CL	31	CHASMANTHIUM LATIFOLIUM	NORTHERN SEA OATS	2 GAL.	CONTAINER	spaced @ 24" o.c.
CVM	95	COREOPSIS VERTICILLATA 'MOONBEAM'	MOONBEAM TICKSEED	2 GAL.	CONTAINER	spaced @ 18" o.c.
ED	189	EURYBIA DIVARICATA	WHITE WOOD ASTER	2 GAL.	CONTAINER	spaced @ 24" o.c.
EPM	56	ECHINACEA PURPUREA 'MAGNUS'	MAGNUS PURPLE CONEFLOWER	2 GAL.	CONTAINER	spaced @ 18" o.c.
MF	50	MONARDA FISTULOSA	WILD BERGAMOT	2 GAL.	CONTAINER	SEE PLAN.
NR	38	NEPETA RACEMOSA 'WALKER'S LOW'	WALKER'S LOW CATMINT	2 GAL.	CONTAINER	spaced @ 24" o.c.
PDI	68	PHLOX DIVARICATA	BLUE WOODLAND PHLOX	2 GAL.	CONTAINER	spaced @ 18" o.c.
PAC	41	POLYSTICHUM ACROSTICHOIDES	CHRISTMAS FERN	2 GAL.	CONTAINER	spaced @ 18" o.c.
RC	48	RUDBECKIA FULGIDA 'CITY GARDEN'	CITY GARDEN CONEFLOWER	2 GAL.	CONTAINER	spaced @ 12" o.c.
SAJ	85	SEDUM X 'AUTUMN JOY'	AUTUMN JOY SEDUM	2 GAL.	CONTAINER	SEE PLAN.
SMD	17	SEDUM MAKINOI 'OGON'	OGON JAPANESE SEDUM	2 GAL.	CONTAINER	SEE PLAN.
ORNAMENTAL GRASS(S)						
CPE	112	CAREX PENSYLVANICA	SEDGE	2 GAL.	CONTAINER	-
FE	67	FESTUCA GLAUCA 'ELIJAH BLUE'	ELIJAH BLUE FESCUE	2 GAL.	CONTAINER	-
PVS	56	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCH GRASS	2 GAL.	CONTAINER	-
SSPB	154	SCHIZACHYRIUM SCOPARIUM 'PRAIRIE BLUES'	PRAIRIE BLUES LITTLE BLUESTEM	2 GAL.	CONTAINER	-
SNU	47	SORGHASTRUM NUTANS	INDIAN GRASS	2 GAL.	CONTAINER	-

NOTES:  
1. IF ANY DISCREPANCIES OCCUR BETWEEN AMOUNTS SHOWN IN THE PLAN AND THE PLANT LIST, THE PLAN SHALL DICTATE.  
2. TREE IRRIGATION BAGS MUST BE INSTALLED AND MAINTAINED FOR AT LEAST SIX (6) MONTHS AFTER PLANTING.

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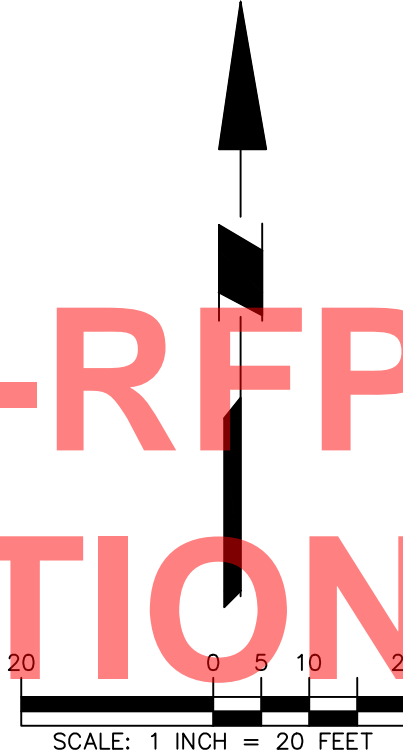
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**LANDSCAPE PLAN**  
DRAWING NO.:  
**LP101**  
CCH PROJECT NO.:





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**NOT FOR CONSTRUCTION**

DRAWING NO.:
<b>LP102</b>
CCH PROJECT NO:





- ## PLAN KEYNOTES

- |    |   |
|----|---|
| 1  | MODULAR BRICK CLAYDOME RETAINING WALL. SEE STRUCTURAL AND CIVIL DRAWINGS FOR DETAILS                            |
| 1B | THIN BRICK CLAYDOME RETAINING WALL. SEE STRUCTURAL AND CIVIL DRAWINGS FOR DETAILS                               |
| 2  | EXISTING FOUNDATION WALL OF STORY ABOVE. SEE STRUCTURAL PLANS   |
| 3  | BOULDER STYLE RETAINING WALL. SEE CIVIL DRAWINGS  |
| 4  | 2" HOUR RATED FIREWALL W/ 2" EXPANSION JOINT TO EXISTING STRUCTURE  |
| 5  | PRE-CAST CONCRETE "MAFRA" BLOCK RETAINING WALL. SEE CIVIL DWGS.   |
| 6  | NEW PARKING AND PAVING. SEE CIVIL DWGS  |
| 7  | NEW CONCRETE SIDEWALKS AND LANDSCAPING. SEE CIVIL DWGS.   |
| 8  | PTD. GALV. STEEL GUARDRAIL AT RETAINING WALL  |
| 9  | TEMPORARY WALL DURING CONSTRUCTION. SEE PHASING AND STAGING PLANS. PROVIDE COVER WITH EXIT HARDWARE WHERE SHOWN |
| 10 | NEW DUMPSTER PAD AND ENCLOSURE. SEE CIVIL DWGS.   |
| 11 | PREP AND PAINT EXISTING FACADE. SEE FINISH PLANS AND ELEVATIONS   |
| 12 | OUT STONE AMPHITHEATER. SEE CIVIL AND LANDSCAPE DWGS.   |
| 13 | CONCRETE SITE STAIR. SEE CIVIL, LANDSCAPE AND STRUCTURAL DWGS   |
| 14 | STAINLESS STEEL HANDRAIL. SEE DETAILS   |
| 15 | 4FT BLACK VINYL COATED FENCE. SEE CIVIL DWGS  |

**OWNER:**  
WILLIAM PATERSON UNIVERSITY  
300 POMPTON ROAD  
WAYNE, NJ 07470

**CIVIL ENGINEER**  
LANGAN ENGINEERING AND  
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**AVIT/SECURITY ENGINEERS:**  
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**POOL CONSULTANT**  
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SUBMISSIONS		
NO.	DATE	DESCRIPTION
1	01/10/25	100% FOR CONSTRUCTION

[illegible]

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NJ LICENSE NO 21A01300200



GEORGE M. HIBBS, AIA

William Paterson University  
Recreation and Health  
Sciences Center

William Paterson University

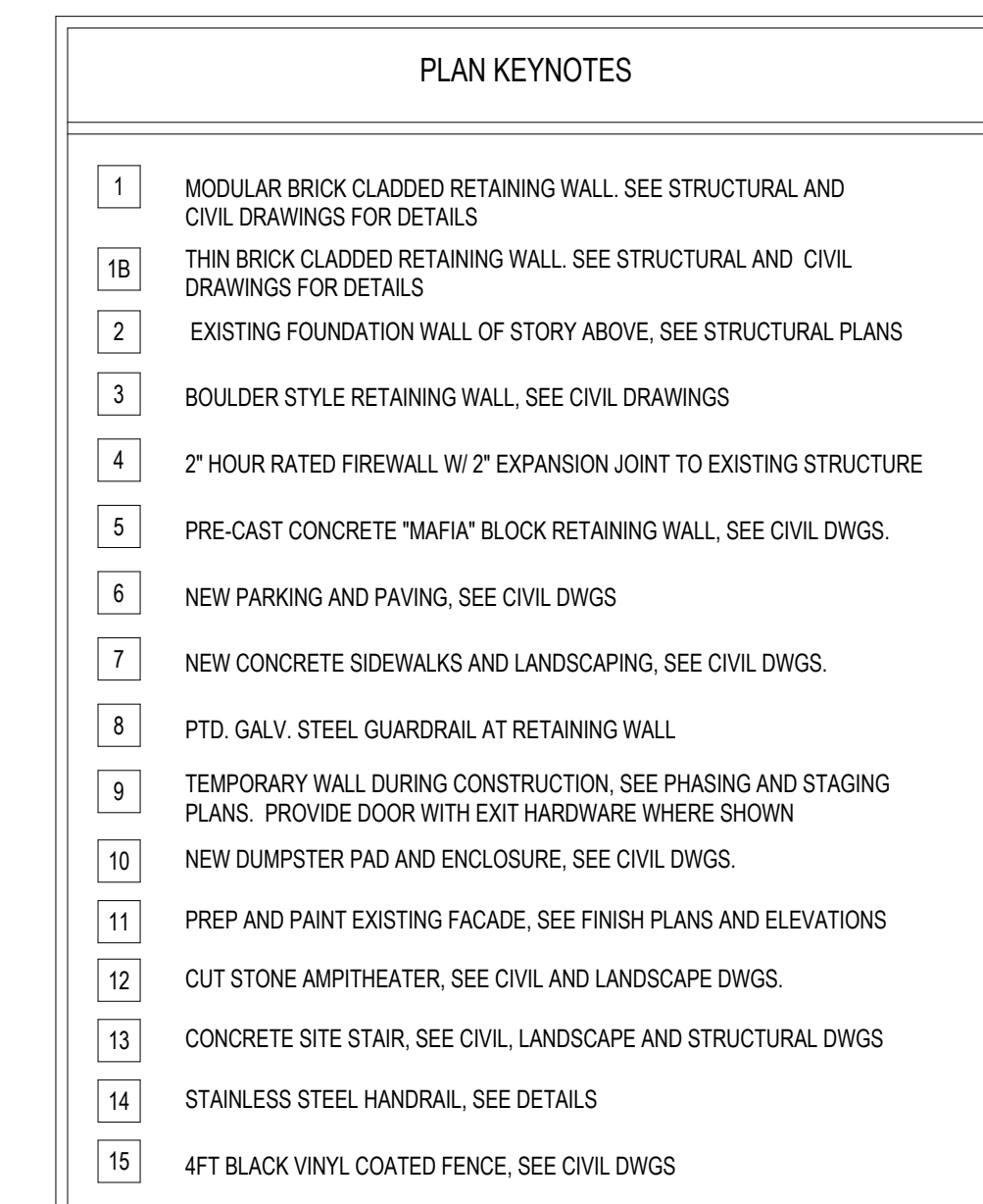
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SCALE:	
DRAWN BY:	AD, TC, EW, MM
CHECKED BY:	MM

SHEET TITLE:  
LEVEL 1 PLAN OVERALL

DRAWING NO.:	
A-101	
CCH PROJECT NO:	2354

**ABBREVIATE DRAWING SET FOR CM-RFP  
NOT FOR CONSTRUCTION**





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CCH PROJECT NO: 235

**ABBREVIATE DRAWING SET FOR CM-RFP  
NOT FOR CONSTRUCTION**



SPECIALITY EQUIPMENT SCHEDULE						
EQUIP #	DESCRIPTION	BASIS OF DESIGN MANUFACTURER / MODEL	SPEC # / DETAIL	PROVIDED BY	INSTALLED BY	NOTES
[E.1]	AV PODIUM	SEE IT/AV DRAWINGS		CONTRACTOR	CONTRACTOR	
[E.2A]	MAGNETIC GLASS MARKERBOARD, 4FT X 12FT	GLASSWRITE LINXX BY EGAN GLASS	SPEC 101100	CONTRACTOR	CONTRACTOR	
[E.2B]	MAGNETIC GLASS MARKERBOARD, 4FT X 8FT	GLASSWRITE LINXX BY EGAN GLASS	SPEC 101100	CONTRACTOR	CONTRACTOR	
[E.3]	MULTIPURPOSE COPY MACHINE			OWNER	CONTRACTOR	
[E.4]	CEILING MOUNTED PROJECTOR	SEE IT/AV DRAWINGS		CONTRACTOR	CONTRACTOR	
[E.5]	PROJECTOR SCREEN	SEE IT/AV DRAWINGS		CONTRACTOR	CONTRACTOR	
[E.6]	WALL MOUNTED TV	SEE IT/AV DRAWINGS		CONTRACTOR	CONTRACTOR	
[E.6A]	WALL MOUNTED LARGE TV	SEE IT/AV DRAWINGS		CONTRACTOR	CONTRACTOR	
[E.7]	REFRIGERATOR			OWNER	CONTRACTOR	
[E.8]	LAPTOP CART			OWNER	CONTRACTOR	
[E.9]	MEDICAL EXAM TABLE 28W X 60L	RITTER / MODEL #204-001 / SERIAL NO. V872327		OWNER	CONTRACTOR	
[E.9A]	EXISTING MEDICAL EXAM TABLE 28W X 60L	RITTER / MODEL #204-001 / SERIAL NO. V872327		OWNER	CONTRACTOR	EXISTING
[E.9B]	EXISTING WOMEN'S MEDICAL EXAM TABLE WITH LAMP AND PEDAL TO RAISE TABLE	RITTER / MODEL #22-01 / SERIAL NO. V1883542		OWNER	CONTRACTOR	EXISTING
[E.10]	WALL SYSTEM WITH PANOPTIC PLUS, OPHTHALMOSCOPE, OTOSCOPE, EAR SPECULUM DISPENSER	WELCH ALLYN / GREEN SERIES WA777-PM3wXX-US		OWNER	CONTRACTOR	
[E.10A]	WALL SYSTEM WITH PANOPTIC PLUS, OPHTHALMOSCOPE, OTOSCOPE, EAR SPECULUM DISPENSER	WELCH ALLYN / GREEN SERIES 777 WA777-PM3wXX-US		OWNER	CONTRACTOR	EXISTING
[E.11]	MEDICAL WASTE BIN			OWNER	CONTRACTOR	
[E.12]	MEDICAL SHARPS			OWNER	CONTRACTOR	
[E.13]	PRINTER			OWNER	CONTRACTOR	
[E.14]	FAX MACHINE			OWNER	CONTRACTOR	
[E.15]	UNDER THE COUNTER FRIDGE SPECIMEN	GE SPACEMAKER / GMR04BANWW		OWNER	CONTRACTOR	
[E.16]	UNDER THE COUNTER FRIDGE IMMUNIZATION, 1.7 CUBE FEET	BLACK AND DECKER / BCRK17W		OWNER	CONTRACTOR	
[E.17]	MEDICINE CABINET, DOUBLE DOOR	MIDMARK TA03 / 42"W 24"D 84"H		OWNER	CONTRACTOR	W/POWER
[E.18]	EXTREMITY WHIRLPOOL	WHITEHALL / STATIONARY E-27-S / 28"L 15"W 21"D 27"H OR EQUAL	SPEC 114500	CONTRACTOR	CONTRACTOR	
[E.19]	SPORTS WHIRLPOOL, 90 GALLON	WHITEHALL / STATIONARY S-90-S / 46"Lx 24"W x 25"D OR EQUAL	SPEC 114500	CONTRACTOR	CONTRACTOR	
[E.20]	FRIDGE/FREEZER			OWNER	CONTRACTOR	
[E.21]	HYDROCOLLATOR	CHATTANOOGA / M2 MOBILE HEATING UNIT		OWNER	CONTRACTOR	
[E.22]	WASHER/DRYER			OWNER	CONTRACTOR	
[E.24]	MICROWAVE			OWNER	CONTRACTOR	

SPECIALITY EQUIPMENT SCHEDULE						
EQUIP #	DESCRIPTION	BASIS OF DESIGN MANUFACTURER / MODEL	SPEC # / DETAIL	PROVIDED BY	INSTALLED BY	NOTES
[E.25]	LABORATORY BLOOD DRAWING CHAIR WITH STORAGE.	RITTER / 281 BLOOD DRAW CHAIR		OWNER	CONTRACTOR	
[E.26]	PORTABLE GAME READY	GAME READY / GRPRO 2.1 SYSTEM		OWNER	CONTRACTOR	
[E.27]	STIM MACHINE WITH A CART, 4 CHANNEL COMBO SET	CHATTANOOGA / INTELECT LEGEND 2		OWNER	CONTRACTOR	
[E.28]	ATHLETIC TAPING TABLE	CLINTON INDUSTRIES / 1702-30 / 36" H X 48"L X 30" W		OWNER	CONTRACTOR	
[E.28A]	SMALL TAPING TABLE	CLINTON INDUSTRIES		OWNER	CONTRACTOR	
[E.28B]	TREATMENT TABLE	CLINTON INDUSTRIES / 1025-30 / 31" H X 72"L X 30" W		OWNER	CONTRACTOR	
[E.29]	MODALITY CART	ATHLETIC EDGE / SMC-002 / 24"W 18"D 32"H		OWNER	CONTRACTOR	
[E.30]	15" X 18" ONE TIER LOCKER		SPEC 105100	CONTRACTOR	CONTRACTOR	PHENOLIC
[E.30A]	15" x 18" TWO TIER LOCKER		SPEC 105100	CONTRACTOR	CONTRACTOR	PHENOLIC
[E.30B]	18" X 18" ATHLETIC LOCKER		SPEC 105100	CONTRACTOR	CONTRACTOR	PHENOLIC
[E.30C]	18" X 18" ONE TIER LOCKER		SPEC 105100	CONTRACTOR	CONTRACTOR	PHENOLIC
[E.30D]	18" X 18" TWO TIER LOCKER		SPEC 105100	CONTRACTOR	CONTRACTOR	PHENOLIC
[E.31]	8FT X 8FT OLMPIC LIFTING STATION	PATTERN IN FLOORING, SEE FINISH PLANS		CONTRACTOR	CONTRACTOR	
[E.32]	GYM BENCH			OWNER	CONTRACTOR	
[E.33]	BARBELL STATION			OWNER	CONTRACTOR	
[E.34]	SQUAT RACK			OWNER	CONTRACTOR	
[E.35]	STATIONARY BIKE			OWNER	CONTRACTOR	
[E.36]	TREADMILL			OWNER	CONTRACTOR	
[E.38]	BASKETBALL HOOP CEILING MOUNTED		SPEC 116600	CONTRACTOR	CONTRACTOR	
[E.40]	SCOREBOARD POOL	SEE AQ DRAWINGS AND SPECS & MOUNT DETAIL A14/ A-1012		CONTRACTOR	CONTRACTOR	
[E.41]	ICE MAKER	HOSHIZAKI / IM-500SAB OR EQUAL	SPEC 114500	CONTRACTOR	CONTRACTOR	
[E.42]	STAIR MACHINE			OWNER	CONTRACTOR	
[E.43]	ELLIPTICAL			OWNER	CONTRACTOR	
[E.44]	GYM MIRROR 48"W X 72"L			CONTRACTOR	CONTRACTOR	
[E.45]	PORTABLE STRETCHER			OWNER	CONTRACTOR	
[E.46]	SWIMSUIT SPINNER	SUITMATE / EC3 / 15"W X 15"D X 23"H		CONTRACTOR	CONTRACTOR	stainless steel
[E.48]	GYM WALL PAD		SPEC 116600	CONTRACTOR	CONTRACTOR	

TEMP WALL	NEW WALL/PARTITION
EXISTING WALL/PARTITION	
COLUMN GRID LINE	
PARTITION TYPE SEE WALL TYPES FOR DETAILS	
NEW DOOR SEE DOOR SCHEDULE	
EXISTING DOOR SEE DOOR SCHEDULE	
WINDOW TAG SEE ELEVATIONS	
FLOOR DRAIN (SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION)	
EXTENT OF NEW CONC FLOOR AT EXISTING BUILDING	
EARTH	
FIRE EXTINGUISHER CABINET & 4A:10BC EXTINGUISHER (SURFACE MOUNTED)	
FIRE EXTINGUISHER CABINET & 4A:10BC EXTINGUISHER (SEMI-RECESSED)	
4A:10BC TYP FIRE EXTINGUISHER SURFACE MOUNTED WITH HANGER, provide 2A WATER MIST TYPE EXTINGUISHER WHERE NOTED AS "APW", SEE SPEC	
WALL MTD SIGN SEE SIGNAGE LEGEND	
WORKING POINT	
MECH UNIT, SEE MECH DWGS.	
CONTROL JOINT	
FLOOR OUTLET, SEE ELEC DWGS.	
PROJECTION SCREEN, SEE IT/AV DWGS	
GLASS MARKER BOARD, SEE EQUIPMENT SCHEDULE	
TACK BOARD - SELF HEALING, SEE FINISH DETAILS AND SCHEDULE	
CENTER LINE (WINDOW)	
HAND DRYER, SEE RESTROOM FIXTURE AND ACCESSORY SCHEDULE ON SHEET A401 FOR DETAILS	

PLAN KEYNOTES

- MILLWORK, SEE DETAILS
- INFILL EXISTING WALL, PAINT AS INDICATED IN FINISH PLANS.
- TEMPORARY WALL DURING CONSTRUCTION, SEE PHASING AND STAGING PLANS. PROVIDE DOOR WITH EXIT HARDWARE WHERE SHOWN
- NEW PTD, STEEL STAIR
- EXTERIOR 2" EXPANSION JOINT WITH COVER AND COMPRESSIBLE EXPANSION JOINT FILLER AT WEATHER BARBERS
- TOUCHLESS CONTROLS SINK WITH GOOSNECK FAUCET
- SPECTATOR ALUMINUM BLEACHERS WITH RESIN COATED SEATING AND ALUMINUM GUARDRAILS, SEE DETAILS ON SHEET A1211
- TEAMS ALUMINUM BLEACHERS WITH RESIN COATED SEATS. SEE DETAILS ON A1211
- RETRACTABLE ALUMINUM BLEACHERS WITH RESIN COATED SEATS. SEE DETAILS ON SHEET A1210
- INTERIOR EXPANSION JOINT COVER AT WALLS, CEILING, AND 2ND FLOOR SLAB
- POOL AND POOL EQUIPMENT, SEE AQ DRAWINGS AND SPEC.
- DOORS SHALL NOT REDUCE THE REQUIRED EGRESS WIDTH BY MORE THAN HALF WHEN OPEN, MODIFY THE SETBACK AS NEEDED TO MAINTAIN A MIN. OF 22" CLEAR
- APPROXIMATE AREA OF PATCHED SLAB FOR TRENCHING, SEE ALSO MEP, STRUC DWGS AND COORDINATE EXTENT WITH NEW UNDERGROUND PIPING AND SHOWER BASINS
- CRYSTALLINE WATERPROOFING TO BE INSTALLED AT ALL SURFACES OF SURGE TANK AND CONCRETE BACKWASH CATCHER BASIN
- INFILL EXISTING WALL OPENING WITH NEW 12" THICK CMU TO MATCH EXISTING, VIF THICKNESS
- PREFINISHED 4"x4" ALUMINUM LEADER WITH 24" TALL CAST-ALUMINUM DOWNSPOUT BOOT SPILL TO GRADE WITH PRE-CAST CONCRETE SPLASHBLOCK
- SLOPED GALV. STEEL COLUMNS WITH HIGH-PERFORMANCE COATING AND MASONRY BASE
- CUT AND GRIND CMU FLUSH WHERE PERPENDICULAR WALL REMOVED, PATCH AND FILL MASONRY FOR FLUSH SMOOTH APPEARANCE AT INTERSECTION USING MORTAR AND CEMENT PASTE AS NEEDED
- CANOPY ROOF BELOW WITH BOX GUTTER, SEE ROOF PLAN
- DASHED LINE OF CURTAIN TRACK ABOVE, SEE REFLECTED CEILING PLANS AND DETAILS
- DASHED LINE OF CFMF VESTIBULE CAP ABOVE, SEE SECTIONS
- EXPOSED PAINTED STEEL WITH HIGH-PERFORMANCE COATING WITHIN POOL
- CONCEALED STEEL POSTS FOR STAIR SUPPORT AS PART OF DELEGATED STAIR DESIGN
- "MAFIA" STYLE LARGE WALL RETAINING WALL, SEE CIVIL DWGS.
- CAST IN PLACE CONCRETE RETAINING WALL W/ BRICK CLADDING, SEE STRUC. DWGS
- BOULDER STYLE RETAINING WALL, SEE CIVIL DWGS.
- WATERPROOFING FOR EXTENT OF FOUNDATION WALL
- SELF LEVELING MIN 1/8" THICK TO EVEN FLOOR FOR NEW FINISH
- 4" THICK CONCRETE HOUSEKEEPING PAD AT EACH PUMP AND POOL EQUIPMENT, SEE AQ DRAWINGS
- NEW CMU MASONRY WALL INFILL
- DOOR ABOVE DOOR, SEE ELEVATIONS
- RECESSED ADA SLOPED 36"x36" W/RTOR BED SHOWER BASIN WITH WATERPROOFING AND WEIRBARGE AND FLANGED DRAIN INSTALLED AS PART OF A SHOWER SYSTEM, SEE SPEC 093100 AND DETAILS, INCLUDE AS BASE BID, OMIT OF BID ALTERNATE #2 SELECTED

A20 ENLARGED LEVEL 1 FLOOR PLAN - HEALTH  
1/8" = 1'-0"

ABBREVIATE DRAWING SET FOR CM-RFP  
NOT FOR CONSTRUCTION

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SUBMISSIONS  
NO. DATE DESCRIPTION  
1 01/10/25 100% FOR CONSTRUCTION

REVISIONS

ARCHITECT  
NO. LICENSE NO. 21A0130020  
DATE: \_\_\_\_\_  
William Paterson University  
Recreation and Health  
Sciences Center  
William Paterson University

DATE: 01/10/2025  
SCALE:  
DRAWN BY: AD, TC, EW, MM  
CHECKED BY: MM

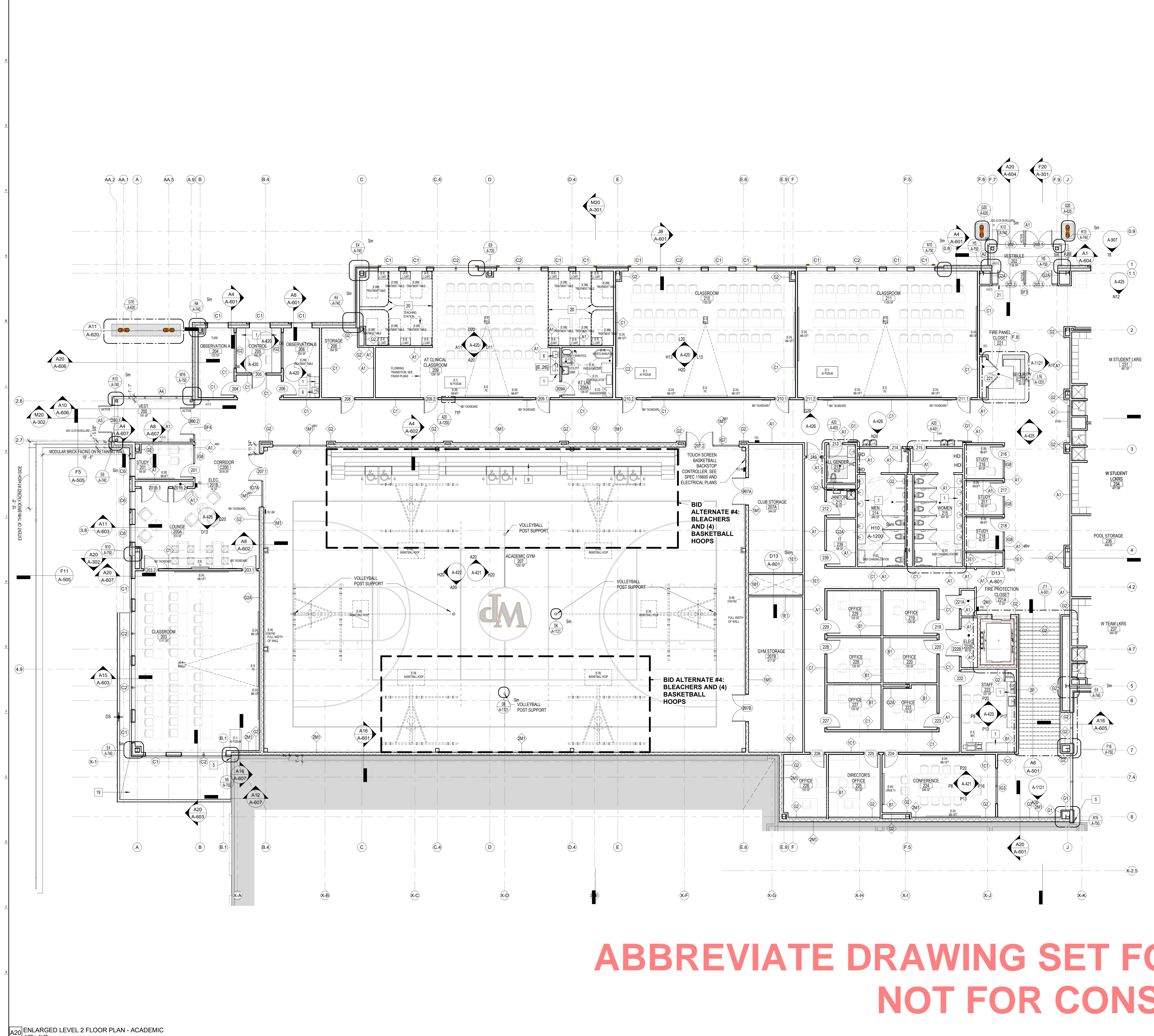
SHEET TITLE:  
ENLARGED LEVEL 1  
FLOOR PLAN - HEALTH

DRAWING NO.:  
A-111  
CCH PROJECT NO: 2354









.....

TEMP WALL

=====

NEW WALL/PARTITION

=====

EXISTING WALL/PARTITION

X

COLUMN GRID LINE

X

PARTITION TYPE  
SEE WALL TYPES FOR  
DETAILS

XXXX

NEW DOOR  
SEE DOOR SCHEDULE

EX

EXISTING DOOR  
SEE DOOR SCHEDULE

X

WINDOW TAG  
SEE ELEVATIONS

FD

FLOOR DRAIN  
(SEE PLUMBING DRAWINGS  
FOR ADDITIONAL INFORMATION)

[Pattern]

EXTENT OF NEW CONC FLOOR AT  
EXISTING BUILDING

[Pattern]

EARTH

FEC-SM

FIRE EXTINGUISHER CABINET & 4A-10BC  
EXTINGUISHER (SURFACE MOUNTED)

FEC

FIRE EXTINGUISHER CABINET & 4A-10BC  
EXTINGUISHER (SEMI-RECESSED)

FE

4A-10BC TYP FIRE EXTINGUISHER SURFACE  
MOUNTED WITH HANGER, provide 2A WATER  
MIST TYPE EXTINGUISHER WHERE NOTED AS  
"APW", SEE SPEC

[Symbol]

WALL MTD SIGN  
SEE SIGNAGE LEGEND

[Symbol]

WORKING POINT

[Symbol]

MECH UNIT, SEE MECH DWGS.

[Symbol]

CONTROL JOINT

[Symbol]

FLOOR OUTLET, SEE ELECT  
DWGS.

[Symbol]

PROJECTION SCREEN, SEE IT/AV DWGS

[Symbol]

GLASS MARKER BOARD, SEE EQUIPMENT  
SCHEDULE

[Symbol]

TACK BOARD - SELF HEALING, SEE FINISH  
DETAILS AND SCHEDULE

[Symbol]

CENTER LINE (WINDOW)

[Symbol]

HAND DRYER, SEE RESTROOM FIXTURE  
AND ACCESSORY SCHEDULE ON SHEET  
A-01 FOR DETAILS

PLAN KEYNOTES

1

MILL/WORK, SEE DETAILS

2

INFILL EXISTING WALL, PAINT AS INDICATED IN FINISH PLANS.

3

TEMPORARY WALL DURING CONSTRUCTION, SEE PHASING AND STAGING  
PLANS. PROVIDE DOOR WITH EXT. HARDWARE WHERE SHOWN

4

NEW PTD. STEEL STAIR

5

EXTERIOR 2" EXPANSION JOINT WITH COVER AND COMPRESSIBLE  
EXPANSION JOINT FILLER AT WEATHER BARRIERS

6

TOUCHLESS CONTROLS SINK WITH GOOSNECK FAUCET

7

SPECTATOR ALUMINUM BLEACHERS WITH RESIN COATED  
SEATINGS AND ALUMINUM GUARDRAILS, SEE DETAILS ON SHEET  
A-1211

8

TEAMS ALUMINUM BLEACHERS WITH RESIN COATED SEATS. SEE  
DETAILS ON A-1211

9

RETRACTABLE ALUMINUM BLEACHERS WITH RESIN COATED SEATS. SEE  
DETAILS ON SHEET A-1210

10

INTERIOR EXPANSION JOINT COVER AT WALLS, CEILING, AND 2ND FLOOR SLAB

11

POOL AND POOL EQUIPMENT, SEE A-0 DRAWINGS AND SPEC.

12

DOORS SHALL NOT REDUCE THE REQUIRED EGRESS WIDTH BY MORE  
THAN HALF WHEN OPEN, MODIFY THE SETBACK AS NEEDED TO  
MAINTAIN A MIN. OF 2' CLEAR

13

APPROXIMATE AREA OF PATCHED SLAB FOR TRENCHING, SEE ALSO  
MEP, STRUC DWGS AND COORDINATE EXTENT WITH NEW  
UNDERGROUND PIPING AND SHOWER BASINS

14

CRYSTALLINE WATERPROOFING TO BE INSTALLED AT ALL SURFACES  
OF SURGE TANK AND CONCRETE BACKWASH CATCH BASIN

15

INFILL EXISTING WALL OPENING WITH NEW 12" THICK CMU TO MATCH  
EXISTING VIF THICKNESS

16

PREFINISHED 4"x4" ALUMINUM LEADER WITH 24" TALL CAST-ALUMINUM  
DOWNSPOUT BOOT SPILL TO GRADE WITH PRE-CAST CONCRETE  
SLASHBLOCK

17

SLOPED GALV. STEEL COLUMNS WITH HIGH-PERFORMANCE COATING  
AND MASONRY BASE

18

CUT AND GRIND CMU FLUSH WHERE PERPENDICULAR WALL REMOVED,  
PATCH AND FILL MASONRY FOR FLUSH SMOOTH APPEARANCE AT  
INTERSECTION USING MORTAR AND CEMENT PASTE AS NEEDED

19

CANOPY ROOF BELOW WITH BOX GUTTER, SEE ROOF PLAN

20

DASHED LINE OF CURTAIN TRACK ABOVE, SEE REFLECTED CEILING  
PLANS AND DETAILS

21

DASHED LINE OF CFMF VESTIBULE CAP ABOVE, SEE SECTIONS

22

EXPOSED PAINTED STEEL WITH HIGH-PERFORMANCE COATING WITHIN  
POOL

23

CONCEALED STEEL POSTS FOR STAIR SUPPORT AS PART OF  
DELEGATED STAIR DESIGN

24

"MAFIA" STYLE LARGE WALL RETAINING WALL, SEE CIVIL DWGS.

25

CAST IN PLACE CONCRETE RETAINING WALL W/ BRICK CLADDING, SEE  
STRUC. DWGS

26

BOULDER STYLE RETAINING WALL, SEE CIVIL DWGS.

27

WATERPROOFING FOR EXTENT OF FOUNDATION WALL

28

SELF LEVELING MIN 1/8" THICK TO EVEN FLOOR FOR NEW FINISH

29

4" THICK CONCRETE HOUSEKEEPING PAD AT EACH PUMP AND POOL  
EQUIPMENT, SEE A-0 DRAWINGS

30

NEW CMU MASONRY WALL INFILL

31

DOOR ABOVE DOOR, SEE ELEVATIONS

32

RECESSED ADA SLOPED 36"x36" W/ TYPICATOR BED SHOWER BATH WITH  
WATERPROOFING AND WEIRBANE AND FLANGED DRAIN INSTALLED AS PART  
OF A SHOWER SYSTEM, SEE SPEC 093100 AND DETAILS, INCLUDE AS  
BASE BID, OMIT OF BID ALTERNATE #2 SELECTED

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SUBMISSIONS

NO.	DATE	DESCRIPTION
1	01/10/2025	100% FOR CONSTRUCTION

REVISIONS

NO.	DATE	DESCRIPTION
-----	------	-------------

ARCHITECT

NO. 21401300020

William Paterson University  
Recreation and Health  
Sciences Center

William Paterson University

DATE: 01/10/2025

DATE:

01/10/2025

SCALE:

DRAWN BY:

AD, TC, EW, MM

CHECKED BY:

MM

SHEET TITLE:

ENLARGED LEVEL 2  
FLOOR PLAN -  
ACADEMIC

DRAWING NO.:

A-121

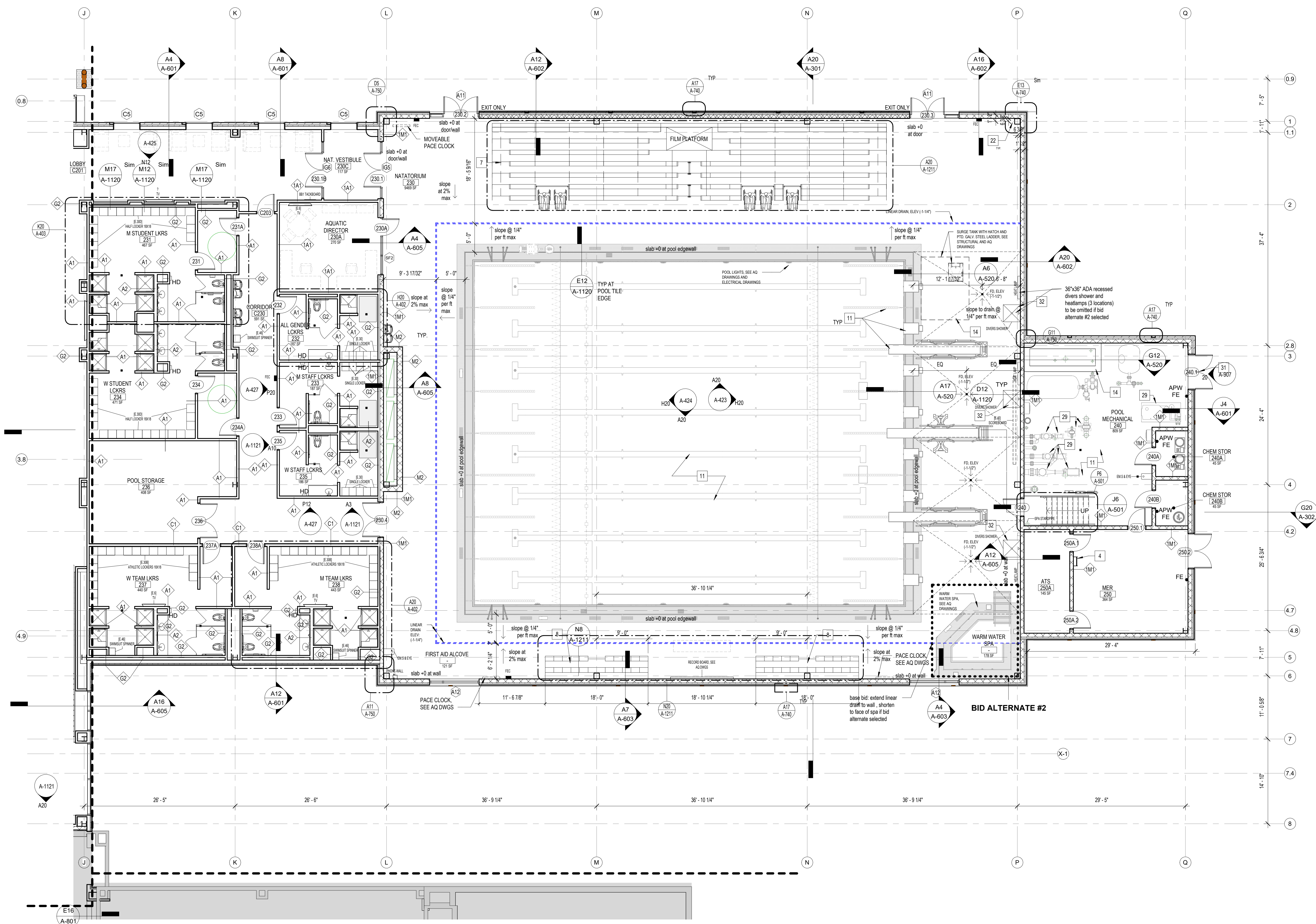
CCH PROJECT NO.:

2354

ABBREVIATE DRAWING SET FOR CM-RFP  
NOT FOR CONSTRUCTION

A20 ENLARGED LEVEL 2 FLOOR PLAN - ACADEMIC  
1/8" = 1'-0"





TEMP WALL

NEW WALL/PARTITION

EXISTING WALL/PARTITION

COLUMN GRID LINE

PARTITION TYPE  
SEE WALL TYPES FOR DETAILS

NEW DOOR  
SEE DOOR SCHEDULE

EXISTING DOOR  
SEE DOOR SCHEDULE

WINDOW TAG  
SEE ELEVATIONS

FLOOR DRAIN  
(SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION)

EXTENT OF NEW CONC FLOOR AT EXISTING BUILDING

EARTH

FIRE EXTINGUISHER CABINET & 4A:10BC EXTINGUISHER (SURFACE MOUNTED)

FIRE EXTINGUISHER CABINET & 4A:10BC EXTINGUISHER (SEMI-RECESSED)

4A:10BC TYP FIRE EXTINGUISHER SURFACE MOUNTED WITH HANGER, provide 2A WATER MIST TYP EXTINGUISHER WHERE NOTED AS "APW". SEE SPEC

WALL MTD SIGN  
SEE SIGNAGE LEGEND

WORKING POINT

MECH UNIT. SEE MECH DWGS.

CONTROL JOINT

FLOOR OUTLET. SEE ELECT DWGS.

PROJECTION SCREEN. SEE ITAV DWGS

GLASS MARKER BOARD. SEE EQUIPMENT SCHEDULE

TACK BOARD - SELF HEALING. SEE FINISH DETAILS AND SCHEDULE

CENTER LINE (WINDOW)

HAND DRYER. SEE RESTROOM FIXTURE AND ACCESSORY SCHEDULE ON SHEET A-01 FOR DETAILS

- PLAN NOTES
- MILLWORK. SEE DETAILS
  - INFILL EXISTING WALL. PAINT AS INDICATED IN FINISH PLANS.
  - TEMPORARY WALL DURING CONSTRUCTION. SEE PHASING AND STAGING PLANS. PROVIDE DOOR WITH EXIT HARDWARE WHERE SHOWN
  - NEW PTD. STEEL STAIR
  - EXTERIOR 2" EXPANSION JOINT WITH COVER AND COMPRESSIBLE EXPANSION JOINT FILLER AT WEATHER BARRIERS
  - TOUCHLESS CONTROLS SINK WITH GOOSNECK FAUCET
  - SPECTATOR ALUMINUM BLEACHERS WITH RESIN COATED SEATING AND ALUMINUM GUARDRAILS. SEE DETAILS ON SHEET A-1211
  - TEAMS ALUMINUM BLEACHERS WITH RESIN COATED SEATS. SEE DETAILS ON A-1211
  - RETRACTABLE ALUMINUM BLEACHERS WITH RESIN COATED SEATS. SEE DETAILS ON SHEET A-1210
  - INTERIOR EXPANSION JOINT COVER AT WALLS, CEILING, AND 2ND FLOOR SLAB
  - POOL AND POOL EQUIPMENT. SEE AQ DRAWINGS AND SPEC.
  - DOORS SHALL NOT REDUCE THE REQUIRED EGRESS WIDTH BY MORE THAN HALF WHEN OPEN. MODIFY THE SETBACK AS NEEDED TO MAINTAIN A MIN. OF 22" CLEAR
  - APPROXIMATE AREA OF PATCHED SLAB FOR TRENCHING. SEE ALSO MEP, STRUC DWGS AND COORDINATE EXTENT WITH NEW UNDERGROUND PIPING AND SHOWER BASINS
  - CRYSTALLINE WATERPROOFING TO BE INSTALLED AT ALL SURFACES OF SURGE TANK AND CONCRETE BACKWASH CATCH BASIN
  - INFILL EXISTING WALL OPENING WITH NEW 12" THICK CMU TO MATCH EXISTING. VIF THICKNESS
  - PREFINISHED 4"x4" ALUMINUM LEADER WITH 24" TALL CAST-ALUMINUM DOWNSPOUT BOOT SPILL TO GRADE WITH PRE-CAST CONCRETE SPLASHBLOCK
  - SLOPED GALV. STEEL COLUMNS WITH HIGH-PERFORMANCE COATING AND MASONRY BASE
  - CUT AND GRIND CMU FLUSH WHERE PERPENDICULAR WALL REMOVED. PATCH AND FILL MASONRY FOR FLUSH SMOOTH APPEARANCE AT INTERSECTION USING MORTAR AND CEMENT PASTE AS NEEDED
  - CANOPY ROOF BELOW WITH BOX GUTTER. SEE ROOF PLAN
  - DASHED LINE OF CURTAIN TRACK ABOVE. SEE REFLECTED CEILING PLANS AND DETAILS
  - DASHED LINE OF CFMF VESTIBULE CAP ABOVE. SEE SECTIONS
  - EXPOSED PAINTED STEEL WITH HIGH-PERFORMANCE COATING WITHIN POOL
  - CONCEALED STEEL POSTS FOR STAIR SUPPORT AS PART OF DELEGATED STAIR DESIGN
  - "MAFIA" STYLE LARGE WALL RETAINING WALL. SEE CIVIL DWGS.
  - CAST IN PLACE CONCRETE RETAINING WALL W/ BRICK CLADDING. SEE STRUC. DWGS
  - BOULDER STYLE RETAINING WALL. SEE CIVIL DWGS.
  - WATERPROOFING FOR EXTENT OF FOUNDATION WALL
  - SELF LEVELING MIN 1/8" THICK TO EVEN FLOOR FOR NEW FINISH
  - 4" THICK CONCRETE HOUSEKEEPING PAD AT EACH PUMP AND POOL EQUIPMENT. SEE AQ DRAWINGS
  - NEW CMU MASONRY WALL INFILL
  - DOOR ABOVE DOOR. SEE ELEVATIONS
  - RECESSED ADA SLOPED 36"x36" W/RTOR BID SHOWER BASIN WITH WATERPROOF AND WEIRBANE AND FLANGED DRAIN INSTALLED AS PART OF A SHOWER SYSTEM. SEE SPEC 093100 AND DETAILS. INCLUDE AS BASE BID. OMIT OF BID ALTERNATE #2 SELECTED

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NJ LICENSE NO. 21A01300200

*Georgina M. Higgs AIA*  
GEORGINA M. HIGGS AIA

DATE: \_\_\_\_\_

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Recreation and Health  
Sciences Center**

**William Paterson University**

DATE: 01/10/2025

SCALE:

DRAWN BY: AD, TC, EW, MM

CHECKED BY: MM

SHEET TITLE:  
ENLARGED LEVEL 2  
FLOOR PLAN -  
NATATORIUM

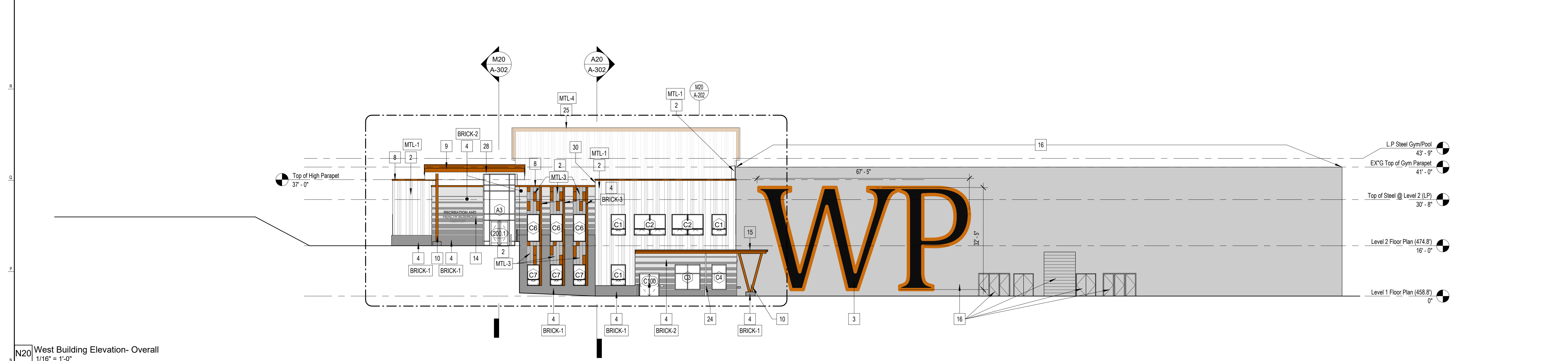
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**A-122**

CCH PROJECT NO: 2354

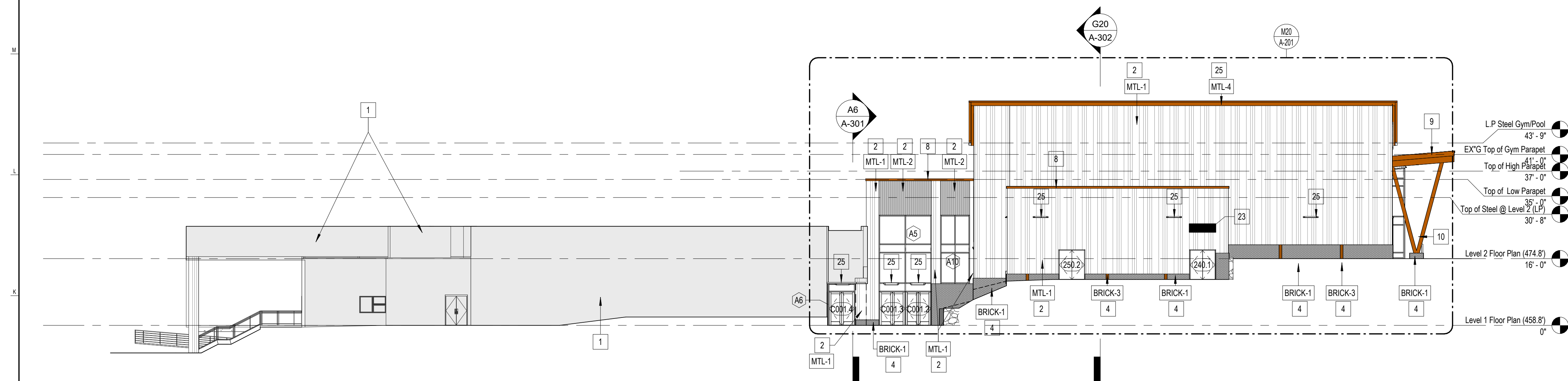
ABBREVIATE DRAWING SET FOR CM-RFP  
NOT FOR CONSTRUCTION

A20 ENLARGED LEVEL 2 FLOOR PLAN - NATATORIUM  
1/8" = 1'-0"

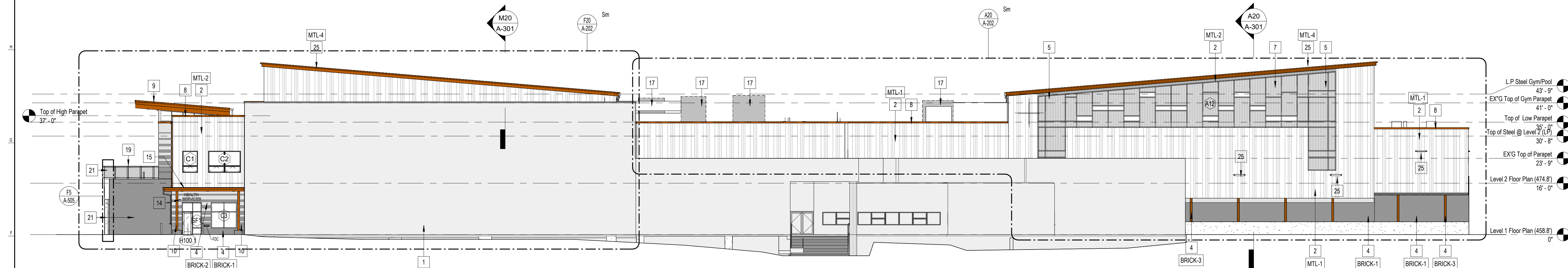




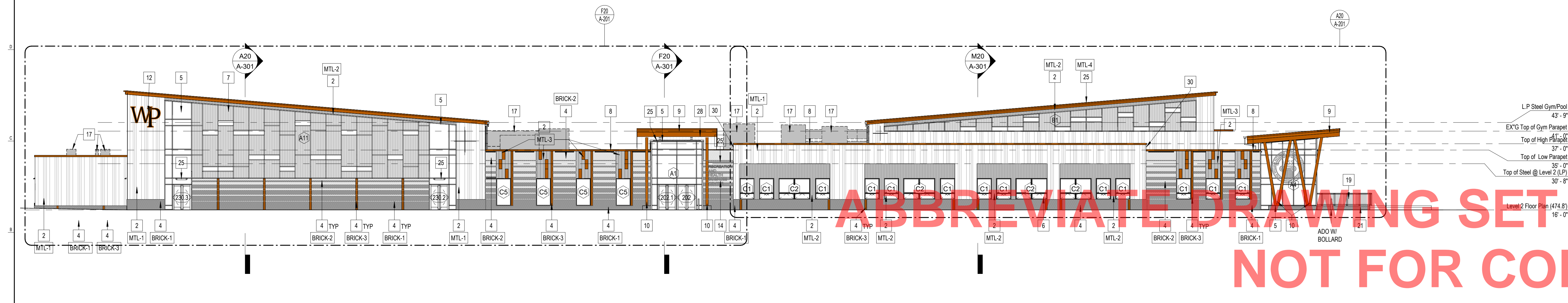
N20 West Building Elevation - Overall  
1/16" = 1'-0"



J20 East Building Elevation - Overall  
1/16" = 1'-0"



E20 South Building Elevation - Overall  
1/16" = 1'-0"



A20 North Building Elevation - Overall  
1/16" = 1'-0"

#### - ELEVATIONS LEGEND -

	SPANDREL GLAZING
	KEYNOTE, SEE LEGEND BELOW
	WINDOW TAG, SEE WINDOW SCHEDULE AND ELEVATION TYPES
	DOOR TAG, SEE DOOR SCHEDULE AND ELEVATION TYPES
	EXTERIOR FINISH TAG, SEE EXTERIOR FINISH SCHEDULES FOR NOTES.
	TYPE - X
	MASONRY CONTROL JOINT

#### - GENERAL ELEVATION NOTES -

1. GRIDLINE DIMENSIONS ARE GIVEN TO CENTERLINE OF STEEL COLUMNS. THE DIMENSIONS ARE TO BE V.F.F. AFTER ERECTION OF STEEL WITH DISCREPANCIES NOTED AND PROVIDED TO THE ARCHITECT AND OWNER'S REPRESENTATIVE.
2. ALL EXPOSED EXTERIOR STEEL TO BE HOT-DIPPED GALVANIZED WITH FIELD-APPLIED HIGH-PERFORMANCE PAINT HPC-1 APPLIED AFTER ERECTION.
3. ALL METAL FACADE MOUNTED COMPONENTS AND PENETRATIONS TO RECEIVE COVER TRIM BLOCK EXTENDING 2" IN ALL DIRECTIONS WITH A TRIM FRAME, BASIS OF DESIGN Z-BOX.
4. IN-PLACE MOCKUP TO BE INSTALLED MINIMUM 6 FEET X 6 FEET AT CORNER OF BUILDING AGREED TO BY ARCHITECT. IN-SEQUENCE WORK TO BE INSTALLED MINIMUM 2 WEEKS PRIOR TO FULL MOBILIZATION TO ALLOW FOR REVIEW OF OWNER AND ARCHITECT. MOCKUP TO BE DEMONSTRATION OF APPROVED MATERIALS AND BE BASIS OF APPROVED INSTALLATION QUALITY CONTROL.

#### - BUILDING ELEVATION NOTES -

- 1 EXISTING FACADE, NOT IN SCOPE.
- 2 FORMED ALUMINUM WALL PANEL, CLADDING, COLOR TO BE SELECTED BY ARCHITECT.
- 3 PAINTED LOGO SIGN ON EXISTING BUILDING. MATCH UNIVERSITY LOGO GRAPHICS.
- 4 MODULAR BRICK VENEER SYSTEM WITH STAINLESS STEEL THRU-WALL FLASHING.
- 5 ALUMINUM THERMAL-STRUT CURTAINWALL SYSTEM WITH LOW-E SOLARBAN 70 GLAZING.
- 6 ALUMINUM THERMAL-STRUT WINDOW WITH LOW-E SOLARBAN 70 GLAZING.
- 7 KALWALL GLAZING SYSTEM. SEE SHEET A-905 FOR WINDOW SCHEDULE.
- 8 FORMED ALUMINUM COPING SYSTEM.
- 9 STEEL FRAMED CANOPY WITH STANDING SEAM METAL ROOF.
- 10 EXPOSED GALV. STEEL COLUMNS WITH HIGH-PERFORMANCE COATING HPC-2. SEE FINISH PLANS.
- 11 NEW CAST-IN-PLACE CONCRETE STAIR.
- 12 ILLUMINATED WALL-MOUNTED SIGN SALVAGED AND REINSTALLED AT NEW LOCATION AS SHOWN.
- 13 DOOR, REFER TO SCHEDULE ON A-900.
- 14 PTD. PIN - MOUNTED SIGNAGE. SEE SHEET A1XXX FOR DETAILS.
- 15 STEEL FRAMED CANOPY WITH PRE-FINISHED ALUMINUM FASCIA AND BOX GUTTER.
- 16 PREP AND PAINT EXISTING BUILDING FACADE INCLUDING DOORS & COILING DOORS. SEE FINISH SCHEDULE.
- 17 MECHANICAL UNIT AND DUCTWORK, SEE MEP DRAWINGS.
- 18 2" EXPANSION JOINT.
- 19 48" TALL GUARD RAIL PTD WITH HIGH PERFORMANCE COATING HPC-3. SEE FINISH SCHEDULE & SPEC.
- 20 BLACK VINYL CHAINLINK FENCE, 5FT TALL.
- 21 BRICK CLAD RETAINING WALL. SEE STRUCTURAL AND CIVIL DRAWINGS.
- 22 EXISTING COLUMN TO HAVE METAL CLADDING REMOVED TO SOFFIT HEIGHT AND BE RE-CLAD IN BRICK MASONRY.
- 23 ACOUSTICAL LOUVER PRE-FINISHED WITH HIGH-MICA POLYFLUOROMER TO MATCH FACADE PANELS WITH HEAD FLASHING, SILL FLASHING WITH END DWS AND BRD SCREEN. SEE HEADSILL/JAMB DETAILS ON SHEET A721.
- 24 6" DIA LEADER AND 24" CAST ALUMINUM DOWNSPOUT BOOT WITH CLEANOUT SPILLING TO GRADE AND SPLASH BLOCK.
- 25 WALL OR MULLION MOUNTED LIGHT AS SHOWN.
- 26 CONTINUOUS EXPANSION JOINT AND COVER, SEE PLANS AND DETAILS.
- 27 FLAT FORMED METAL PANEL FASCIA AND DRIP EDGE ROOFING METAL.
- 28 METAL SOFFIT PANEL WITH 1-BEAD. SEE RCP.
- 29 8"X8" BOX GUTTER OF .040 ALUMINUM WITH PVDF FINISH AND MATCHING 6" DIA LEADERS. COLOR TO MATCH FACIA PANEL.
- 30 METAL PANEL CLADDING AT EXPOSED END OF PARAPET. FINISH TO MATCH ADJACENT FACADE PANEL.

#### - ELEVATION FINISH LEGEND -

BRICK-1	ROUGH BLACK MODULAR BRICK BASIS OF DESIGN: TAYLOR CLAY INC COLOR: COBALT, RIVER BIRCH TEXTURE PATTERN: RUNNING
BRICK-2	MODULAR BRICK BASIS OF DESIGN: TAYLOR CLAY INC COLOR: COBALT, WIRECUT TEXTURE PATTERN: RUNNING, SET 1/2" RECESSED FROM TYPICAL FACE OF BRICK
BRICK-3	SMOOTH ORANGE MODULAR BRICK BASIS OF DESIGN: GLEN-GERRY COLOR: PUMPKIN GLAZED PATTERN: STACKED
MTL-1	PAN RIB METAL PANEL IN VARYING WIDTHS OF 6", 12", 20" WITH MICA FINISH BASIS OF DESIGN: IMETOO LATITUDE PAN RIB PROFILE, WITH 1" REVEAL COLOR: PLATINUM SILVER
MTL-2	PAN RIB METAL PANEL IN 6" WIDTH BASIS OF DESIGN: IMETOO LATITUDE PAN RIB "B" PROFILE, WITH 1" REVEAL COLOR: CHARCOAL
MTL-3	FLAT METAL PANELS 12" X 36" BASIS OF DESIGN: IMETOO ELEMENT PANEL COLOR: SILVER CLOUD & CUSTOM COLORED "ORANGE" PANELS IN PATTERN AS DETAILED
MTL-4	FLAT METAL PANELS @ FASCIA BASIS OF DESIGN: IMETOO ELEMENT PANEL COLOR: CUSTOM COLORED "ORANGE" PANELS

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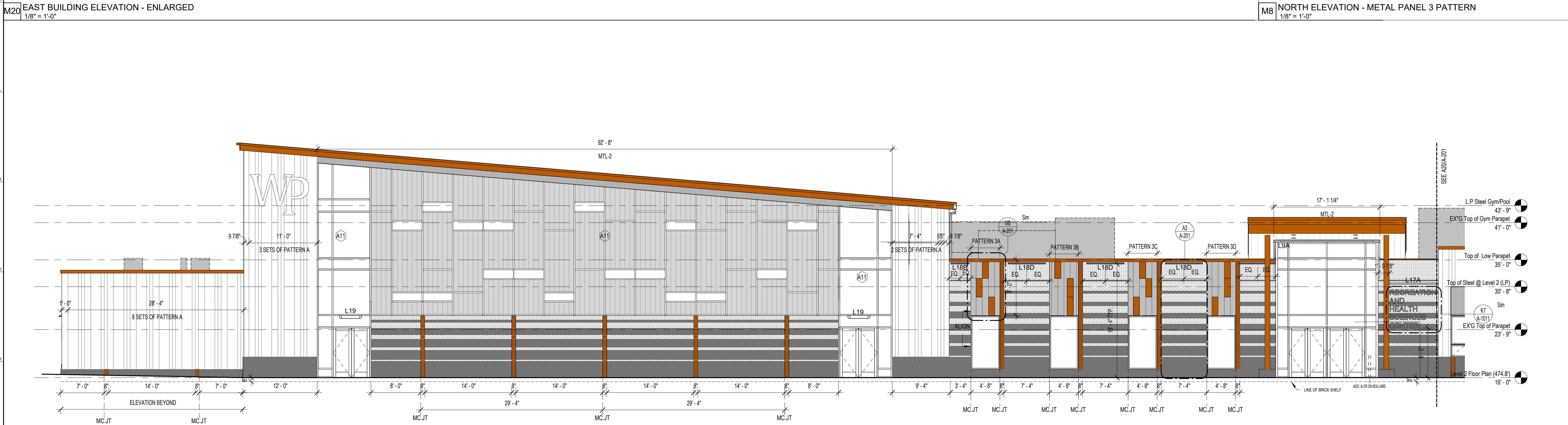
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SHEET TITLE:  
EXTERIOR ELEVATION

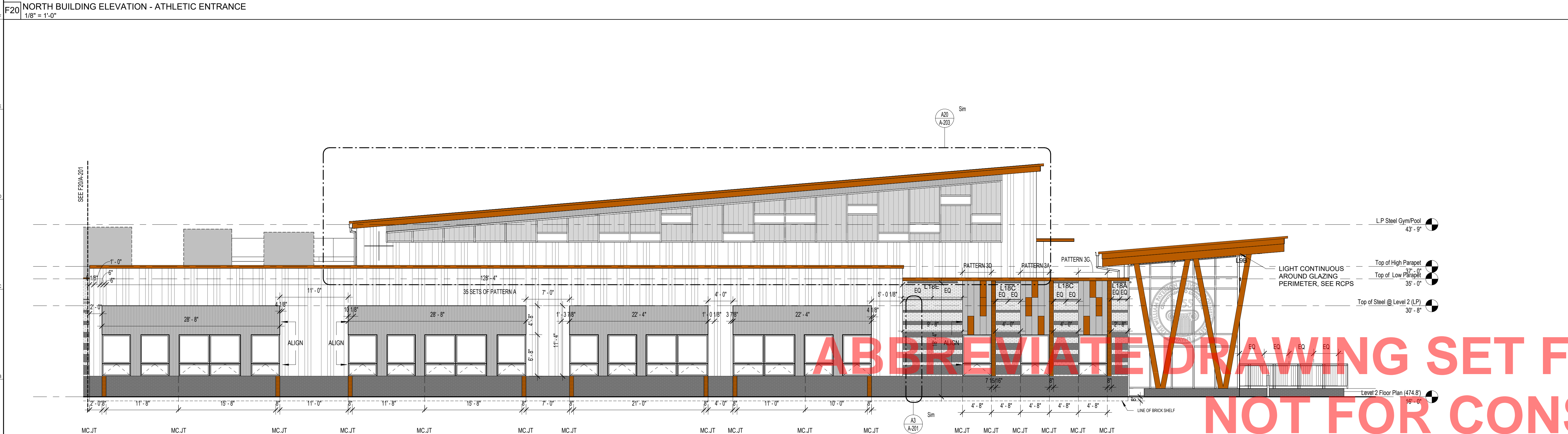
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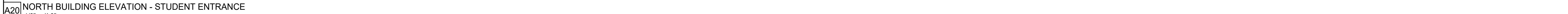
M20 EAST BUILDING ELEVATION - ENLARGED  
1/8" = 1'-0"



F20 NORTH BUILDING ELEVATION - ATHLETIC ENTRANCE  
1/8" = 1'-0"



A20 NORTH BUILDING ELEVATION - STUDENT ENTRANCE  
1/8" = 1'-0"



**- ELEVATIONS LEGEND -**

SPANDREL GLAZING

KEYNOTE: SEE LEGEND BELOW

WINDOW TAG, SEE WINDOW SCHEDULE AND ELEVATION TYPES

DOOR TAG, SEE DOOR SCHEDULE AND ELEVATION TYPES

EXTERIOR FINISH TAG, SEE EXTERIOR FINISH SCHEDULES FOR NOTES.

MASONRY CONTROL JOINT

**- GENERAL ELEVATION NOTES -**

1. GRIDLINE DIMENSIONS ARE GIVEN TO CENTERLINE OF STEEL COLUMNS. THE DIMENSIONS ARE TO BE V.I.F. AFTER ERECTION OF STEEL WITH DISCREPANCIES NOTED AND PROVIDED TO THE ARCHITECT AND OWNER OWNERS REPRESENTATIVE.

2. ALL EXPOSED EXTERIOR STEEL TO BE HOT-DIPPED GALVANIZED WITH FIELD-APPLIED HIGH-PERFORMANCE PAINT HPC-1 APPLIED AFTER ERECTION.

3. ALL METAL FACED MOUNTED COMPONENTS AND PENETRATIONS TO RECEIVE COVER TRIM BLOCK EXTENDING 2" IN ALL DIRECTIONS WITH A TRIM FRAME, BASIS OF DESIGN 2-BLOCK.

4. IN-PLACE MOCKUP TO BE INSTALLED MINIMUM 6 FEET X 6 FEET AT CORNER OF BUILDING AGREED TO BY ARCHITECT. IN-SEQUENCE WORK TO BE INSTALLED MINIMUM 2 WEEKS PRIOR TO FULL MOBILIZATION TO ALLOW FOR REVIEW OF OWNER AND ARCHITECT. MOCKUP TO BE DEMONSTRATION OF APPROVED MATERIALS AND BE BASIS OF APPROVED INSTALLATION QUALITY CONTROL.

**- BUILDING ELEVATION NOTES -**

1 EXISTING FACADE, NOT IN SCOPE.

2 FORMED ALUMINUM WALL PANEL, CLADDING, COLOR TO BE SELECTED BY ARCHITECT.

3 PAINTED LOGO SIGN ON EXISTING BUILDING. MATCH UNIVERSITY LOGO GRAPHICS.

4 MODULAR BRICK VENEER SYSTEM WITH STAINLESS STEEL THRU-WALL FLASHING.

5 ALUMINUM THERMAL-STRUT CURTAINWALL SYSTEM WITH LOW-E SOLARBAN 70 GLAZING.

6 ALUMINUM THERMAL-STRUT WINDOW WITH LOW-E SOLARBAN 70 GLAZING.

7 KALWALL GLAZING SYSTEM. SEE SHEET A-905 FOR WINDOW SCHEDULE.

8 FORMED ALUMINUM COPING SYSTEM.

9 STEEL FRAMED CANOPY WITH STANDING SEAM METAL ROOF.

10 EXPOSED GALV. STEEL COLUMNS WITH HIGH-PERFORMANCE COATING HPC-2. SEE FINISH PLANS.

11 NEW CAST-IN-PLACE CONCRETE STAIR.

12 ILLUMINATED WALL-MOUNTED SIGN SALVAGED AND REINSTALLED AT NEW LOCATION AS SHOWN.

13 DOOR, REFER TO SCHEDULE ON A-900.

14 PTD. PIN - MOUNTED SIGNAGE. SEE SHEET A-100X FOR DETAILS.

15 STEEL FRAMED CANOPY WITH PRE-FINISHED ALUMINUM FASCIA AND BOX GUTTER.

16 PREP AND PAINT EXISTING BUILDING FACADE INCLUDING DOORS & COILING DOORS. SEE FINISH SCHEDULE.

17 MECHANICAL UNIT AND DUCTWORK, SEE MEP DRAWINGS.

18 2" EXPANSION JOINT.

19 48" TALL GUARD RAIL PTD WITH HIGH PERFORMANCE COATING HPC-3. SEE FINISH SCHEDULE & SPEC.

20 BLACK VINYL CHAINLINK FENCE, 5FT TALL.

21 BRICK CLAD RETAINING WALL. SEE STRUCTURAL AND CIVIL DRAWINGS.

22 EXISTING COLUMN TO HAVE METAL CLADDING REMOVED TO SOFFIT HEIGHT AND BE RE-CLAD IN BRICK MASONRY.

23 ACOUSTICAL LOUVER PRE-FINISHED WITH HIGH-MICA POLYFLUOROMER TO MATCH FACADE PANELS WITH HEAD FLASHING, SILL FLASHING WITH END DRAIN AND BRID SCREEN. SEE HEAD/SILL/JAMB DETAILS ON SHEET A-721.

24 6" DIA LEADER AND 24" TALL CAST ALUMINUM DOWNSPOUT BOOT WITH CLEANOUT SPILLING TO GRADE AND SPLASH BLOCK.

25 WALL OR MULLION MOUNTED LIGHT AS SHOWN.

26 CONTINUOUS EXPANSION JOINT AND COVER. SEE PLANS AND DETAILS.

27 FLAT FORMED METAL PANEL FASCIA AND DRIP EDGE ROOFING METAL.

28 METAL SOFFIT PANEL WITH 1-BEAD. SEE RCP.

29 8"X8" BOX GUTTER OF .040 ALUMINUM WITH PVDF FINISH AND MATCHING 6" DIA LEADERS. COLOR TO MATCH FACIA PANEL.

30 METAL PANEL CLADDING AT EXPOSED END OF PARAPET. FINISH TO MATCH ADJACENT FACADE PANEL.

**- ELEVATION FINISH LEGEND -**

BRICK-1 ROUGH BLACK MODULAR BRICK  
BASIS OF DESIGN: TAYLOR CLAY INC  
COLOR: COBALT, RIVER BIRCH TEXTURE  
PATTERN: RUNNING

BRICK-2 MODULAR BRICK  
BASIS OF DESIGN: TAYLOR CLAY INC  
COLOR: COBALT, WIRECUT TEXTURE  
PATTERN: RUNNING, SET 1/2" RECESSED FROM TYPICAL FACE OF BRICK

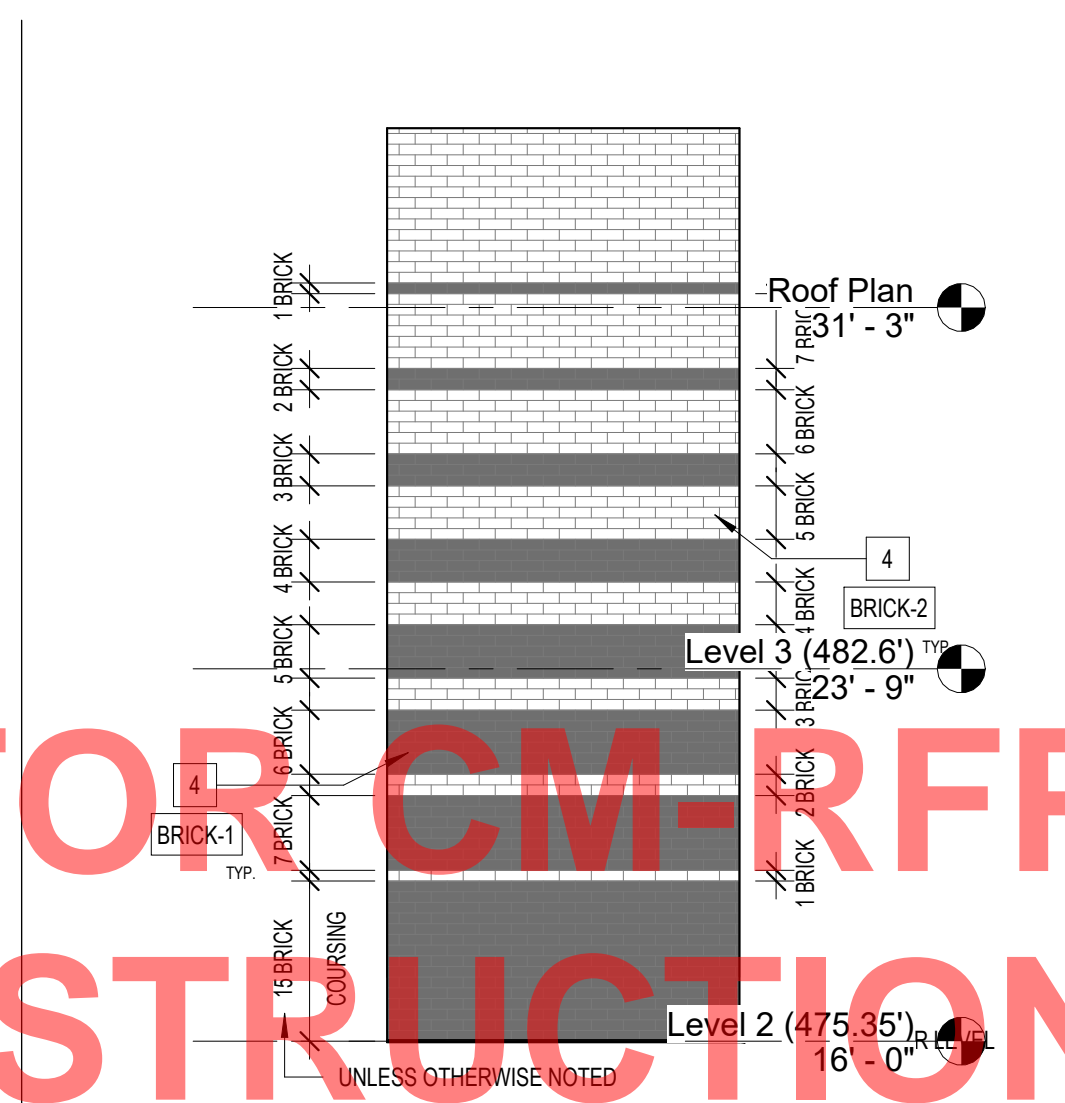
BRICK-3 SMOOTH ORANGE MODULAR BRICK  
BASIS OF DESIGN: GLEN-GERRY  
COLOR: PUMPKIN GLAZED  
PATTERN: STACKED

MTL-1 PAN RIB METAL PANEL IN VARYING WIDTHS OF 6", 12", 20" WITH MICA FINISH  
BASIS OF DESIGN: IMETOO LATITUDE PAN RIB PROFILE, WITH 1" REVEAL  
COLOR: PLATINUM SILVER

MTL-2 PAN RIB METAL PANEL IN 6" WIDTH  
BASIS OF DESIGN: IMETOO LATITUDE PAN RIB "B" PROFILE, WITH 1" REVEAL  
COLOR: CHARCOAL

MTL-3 FLAT METAL PANELS 12" X 36"  
BASIS OF DESIGN: IMETOO ELEMENT PANEL  
COLOR: SILVER CLOUD & CUSTOM COLORED "ORANGE" PANELS IN PATTERN AS DETAILED

MTL-4 FLAT METAL PANELS @ FASCIA  
BASIS OF DESIGN: IMETOO ELEMENT PANEL  
COLOR: CUSTOM COLORED "ORANGE" PANELS



A3 BRICK PATTERN  
1/4" = 1'-0"

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*Georgina M. Hibbs AIA*  
GEORGINA M. HIBBS AIA

DATE: \_\_\_\_\_

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Sciences Center**

William Paterson University

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SCALE:

DRAWN BY: AD, TC, EW, MM

CHECKED BY: MM

SHEET TITLE:  
EXTERIOR ELEVATION -  
PARTIAL

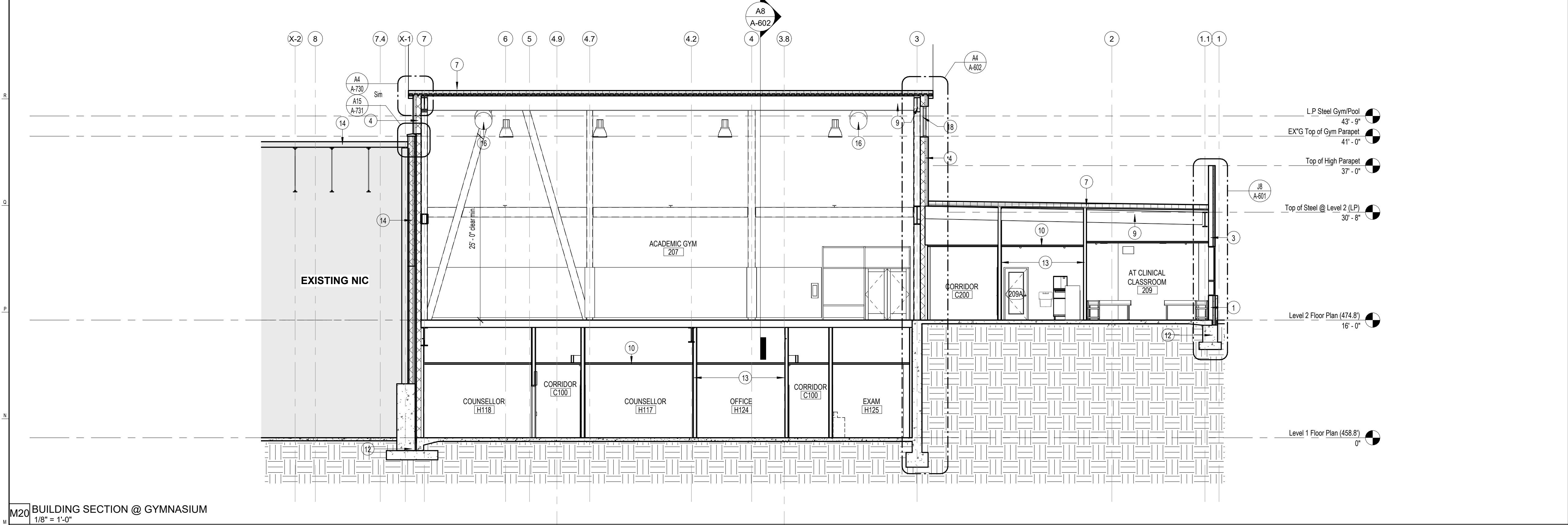
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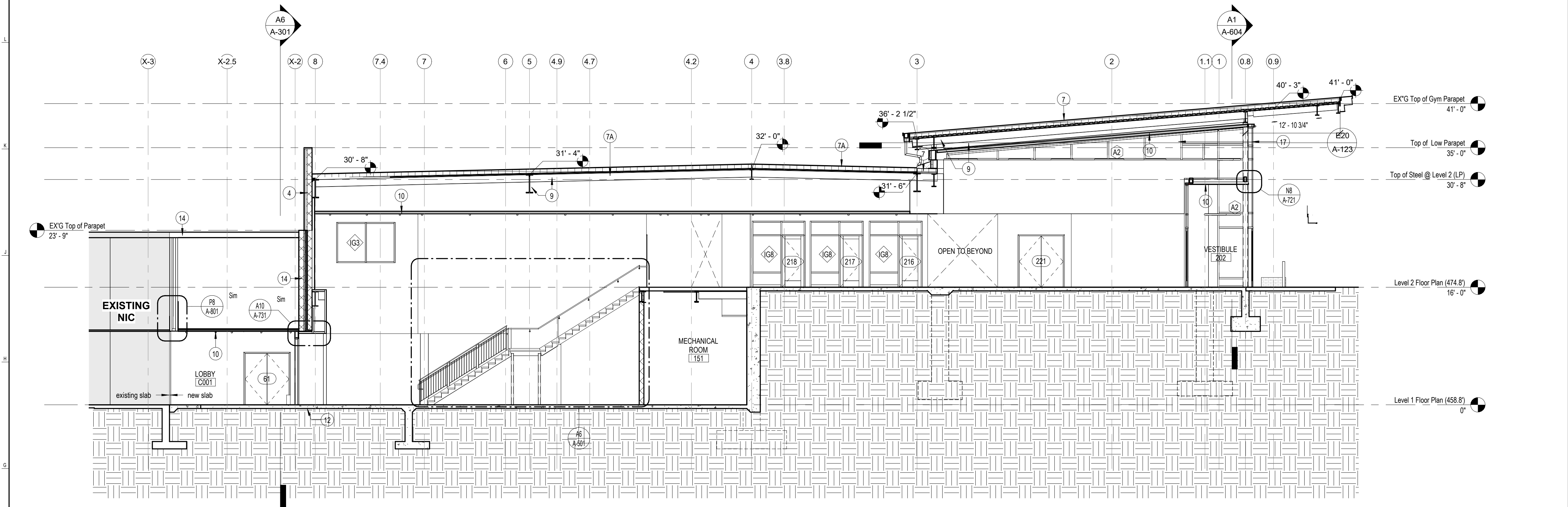




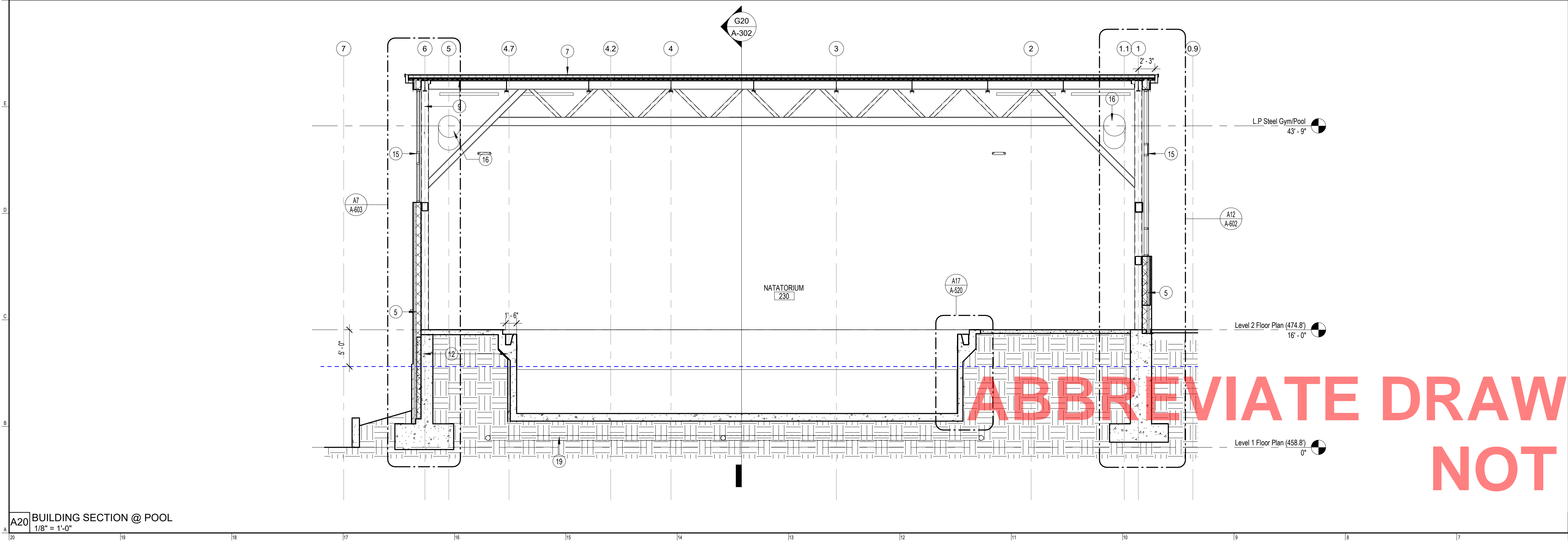




M20 BUILDING SECTION @ GYMNASIUM  
1/8" = 1'-0"



F20 BUILDING SECTION @ SPORTS ENTRY  
1/8" = 1'-0"



A20 BUILDING SECTION @ POOL  
1/8" = 1'-0"

**- SECTION LEGEND -**

KEYNOTE: SEE LEGEND BELOW

WINDOW TAG, SEE WINDOW SCHEDULE AND ELEVATION TYPES

DOOR TAG, SEE DOOR SCHEDULE AND ELEVATION TYPES

EXTERIOR FINISH TAG, SEE EXTERIOR FINISH SCHEDULES FOR NOTES

**- GENERAL SECTION NOTES -**

1. GRIDLINE DIMENSIONS ARE GIVEN TO CENTERLINE OF STEEL COLUMNS. THE DIMENSIONS ARE TO BE V.L.F. AFTER ERECTION OF STEEL, WITH DISCREPANCIES NOTED AND PROVIDED TO THE ARCHITECT AND OWNER/ OWNERS REPRESENTATIVE.

2. ALL EXPOSED EXTERIOR STEEL TO BE HOT-DIPPED GALVANIZED WITH FIELD-APPLIED HIGH-PERFORMANCE PAINT HPC-1 APPLIED AFTER ERECTION.

3. ALL METAL FACADE MOUNTED COMPONENTS AND PENETRATIONS TO RECEIVED COVER TRIM BLOCK EXTENDING 2" IN ALL DIRECTIONS WITH 1" TRIM FRAME, BASIS OF DESIGN 2-BLOCK.

4. IN-PLACE MOCKUP TO BE INSTALLED MINIMUM 6 FEET X 6 FEET AT CORNER OF BUILDING AGREED TO BY ARCHITECT. IN-SEQUENCE WORK TO BE INSTALLED MINIMUM 2 WEEKS PRIOR TO FULL MOBILIZATION TO ALLOW FOR REVIEW OF OWNER AND ARCHITECT. MOCKUP TO BE DEMONSTRATION OF APPROVED MATERIALS AND BE BASIS OF APPROVED INSTALLATION QUALITY CONTROL.

**- BUILDING SECTION NOTES -**

1 BRICK WALL ASSEMBLY ON CFMF STUD BACKUP, SEE SHEET A701

2 BRICK WALL ASSEMBLY ON CMU BACKUP, SEE SHEET A701

3 METAL PANEL ON CFMF BACKUP, SEE SHEET A701

4 METAL PANEL ON CMU BACKUP, SEE SHEET A701

5 METAL PANEL ON CMU BACKUP (POOL), SEE SHEET A701

6 BRICK WALL ASSEMBLY ON CMU BACKUP (POOL), SEE SHEET A701

7 ROOF ASSEMBLY #1 - 2 PLY MODIFIED ON SLOPED STRUCTURE, SEE A5 / A105

7A ROOF ASSEMBLY #1A - 2 PLY MODIFIED ON SLOPED STRUCTURE WITH CONCRETE SLAB, SEE A5 / A105 AND STRUCTURAL DRAWINGS

8 ROOF ASSEMBLY #2 - STANDING SEAM METAL ROOF ON SLOPED STRUCTURE, SEE G5 / A105

9 STEEL FRAMING SYSTEMS, SEE STRUCTURAL DRAWINGS

10 CEILING SYSTEM, SEE REFLECTED CEILING PLANS

11 SIDEWALK, SEE CIVIL DRAWING

12 CONCRETE FOUNDATION AND SLAB, SEE STRUCTURAL DRAWINGS

13 INTERIOR PARTITIONS, FULL HEIGHT TO UNDERSIDE OF DECK, SEE PLANS FOR PARTITION TYPES

14 EXISTING BUILDING

15 ALUMINUM CURTAIN WALL SYSTEM WITH KAWALL, DOUBLE THERMAL BREAK (THERMAL STRUT) AND INSULATED GLAZING WITH LOW-E COATINGS. SEE A905 - A907.

16 DUCTWORK, SEE MEP DRAWINGS

17 ALUMINUM CURTAIN WALL SYSTEM WITH DOUBLE THERMAL BREAK (THERMAL STRUT) AND INSULATED GLAZING WITH LOW-E COATINGS. SEE A905 - A907.

18 MECHANICAL UNITS, SEE MEP DRAWINGS

19 DRAINAGE SYSTEM PIPE, SEE MEP DRAWINGS

**OWNER:**  
WILLIAM PATERSON UNIVERSITY  
300 POMPTON ROAD  
WAYNE, NJ 07470

**CIVIL ENGINEER:**  
LANGAN ENGINEERING AND ENVIRONMENT SERVICES, INC.  
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**STRUCTURAL ENGINEER:**  
CES  
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**MEPPFA ENGINEERS:**  
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**AVITSECURITY ENGINEERS:**  
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**LIGHTING DESIGNER:**  
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AMBLER, PA 19002

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NU LICENSE NO. 21A01300200  
GEORGE H. HBSA, AIA  
DATE: \_\_\_\_\_

**William Paterson University  
Recreation and Health  
Sciences Center**

**William Paterson University**

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**SCALE:**  
**DRAWN BY:** AD, TC, EW, MM  
**CHECKED BY:** MM

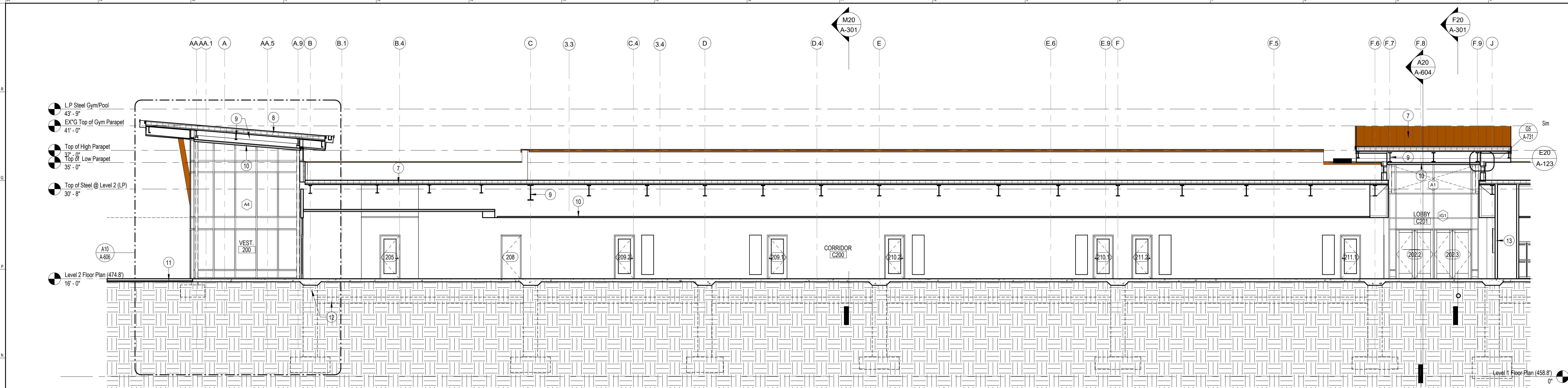
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**DRAWING NO.:**  
**A-301**

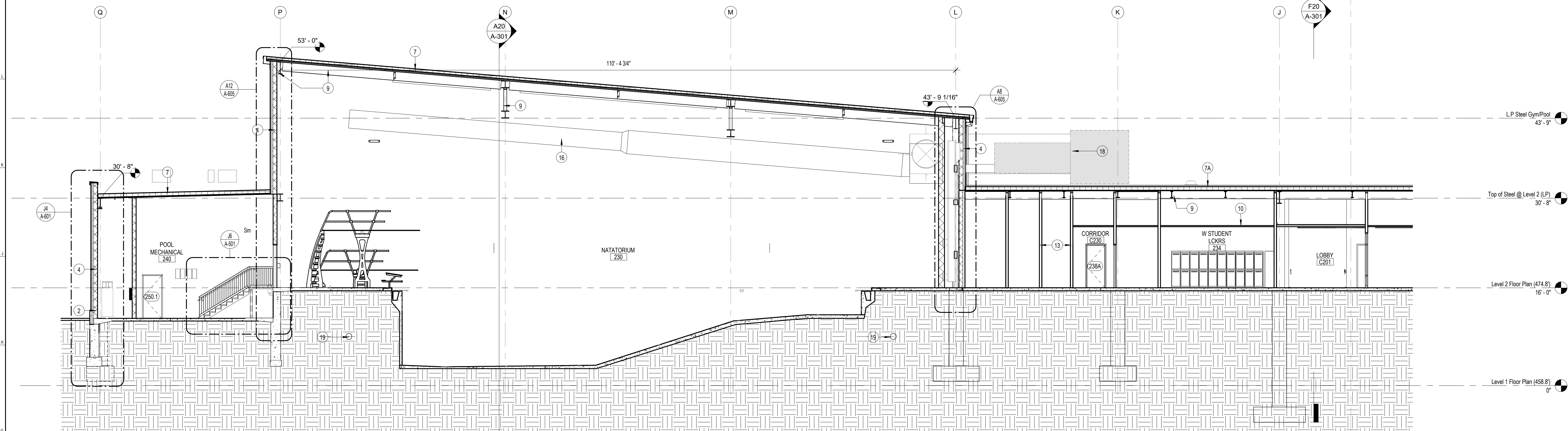
**CCH PROJECT NO.:** 2354

ABBREVIATE DRAWING SET FOR CM-RFP  
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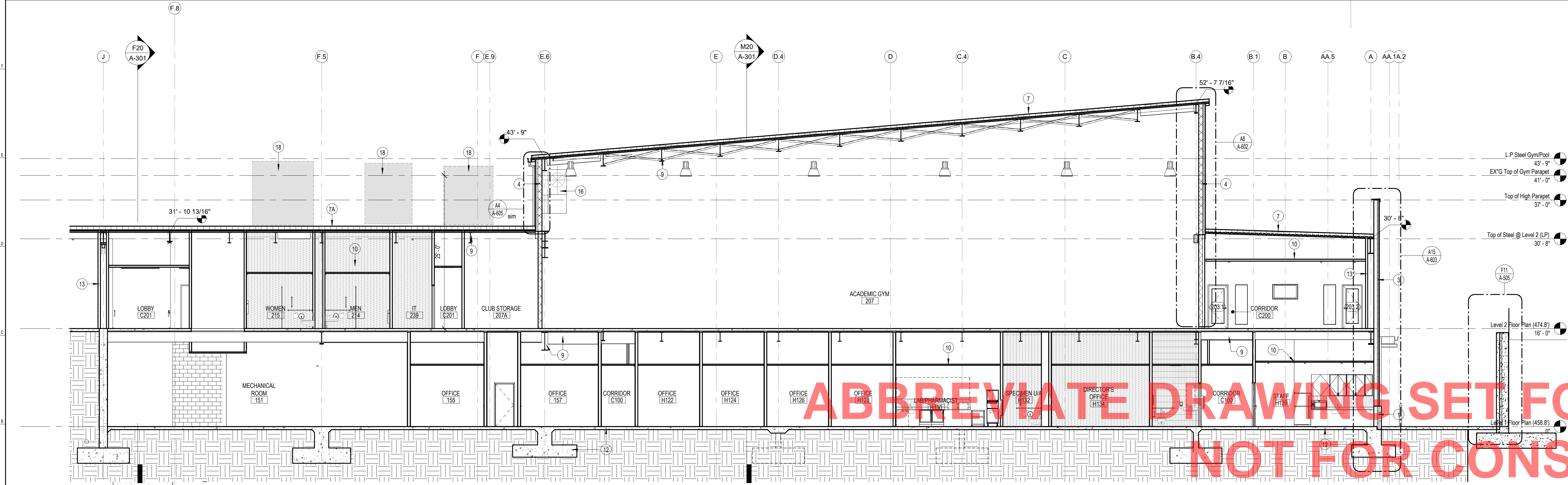




M20 BUILDING SECTION @ MAIN ENTRY  
1/8" = 1'-0"



G20 BUILDING SECTION @ POOL 2  
1/8" = 1'-0"



A20 BUILDING SECTION @ GYMNASIUM 2  
1/8" = 1'-0"

SECTION LEGEND	
	KEYNOTE, SEE LEGEND BELOW
	WINDOW TAG, SEE WINDOW SCHEDULE AND ELEVATION TYPES
	DOOR TAG, SEE DOOR SCHEDULE AND ELEVATION TYPES
	EXTERIOR FINISH TAG, SEE EXTERIOR FINISH SCHEDULES FOR NOTES

GENERAL SECTION NOTES	
1.	GRIDLINE DIMENSIONS ARE GIVEN TO CENTERLINE OF STEEL COLUMNS. THE DIMENSIONS ARE TO BE V.L.F. AFTER ERECTION OF STEEL WITH DISCREPANCIES NOTED AND PROVIDED TO THE ARCHITECT AND OWNER/OWNERS REPRESENTATIVE.
2.	ALL EXPOSED EXTERIOR STEEL TO BE HOT-DIPPED GALVANIZED WITH FIELD-APPLIED HIGH-PERFORMANCE PAINT HPC-1 APPLIED AFTER ERECTION.
3.	ALL METAL FACADE MOUNTED COMPONENTS AND PENETRATIONS TO RECEIVE COVER TRIM BLOCK EXTENDING 2" IN ALL DIRECTIONS WITH J-TIM FRAME, BASIS OF DESIGN 2-B0X.
4.	IN-PLACE MOCKUP TO BE INSTALLED MINIMUM 6 FEET X 6 FEET AT CORNER OF BUILDING AGREED TO BY ARCHITECT. IN-SEQUENCE WORK TO BE INSTALLED MINIMUM 2 WEEKS PRIOR TO FULL MOBILIZATION TO ALLOW FOR REVIEW OF OWNER AND ARCHITECT. MOCKUP TO BE DEMONSTRATION OF APPROVED MATERIALS AND BE BASIS OF APPROVED INSTALLATION QUALITY CONTROL.

BUILDING SECTION NOTES	
1	BRICK WALL ASSEMBLY ON CMF STUD BACKUP, SEE SHEET A701
2	BRICK WALL ASSEMBLY ON CMU BACKUP, SEE SHEET A701
3	METAL PANEL ON CMF BACKUP, SEE SHEET A701
4	METAL PANEL ON CMU BACKUP, SEE SHEET A701
5	METAL PANEL ON CMU BACKUP (POOL), SEE SHEET A701
6	BRICK WALL ASSEMBLY ON CMU BACKUP (POOL), SEE SHEET A701
7	ROOF ASSEMBLY #1 - 2 PLY MODIFIED ON SLOPED STRUCTURE, SEE A5 / A105
7A	ROOF ASSEMBLY #1A - 2 PLY MODIFIED ON SLOPED STRUCTURE WITH CONCRETE SLAB, SEE A5 / A105 AND STRUCTURAL DRAWINGS
8	ROOF ASSEMBLY #2 - STANDING SEAM METAL ROOF ON SLOPED STRUCTURE, SEE G5 / A105
9	STEEL FRAMING SYSTEMS, SEE STRUCTURAL DRAWINGS
10	CEILING SYSTEM, SEE REFLECTED CEILING PLANS
11	SIDEWALK, SEE CIVIL DRAWING
12	CONCRETE FOUNDATION AND SLAB, SEE STRUCTURAL DRAWINGS
13	INTERIOR PARTITIONS, FULL HEIGHT TO UNDERSIDE OF DECK, SEE PLANS FOR PARTITION TYPES
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19	DRAINAGE SYSTEM PIPE, SEE MEP DRAWINGS

**Clarke Caton Hintz**  
Architecture  
Planning  
Landscape Architecture

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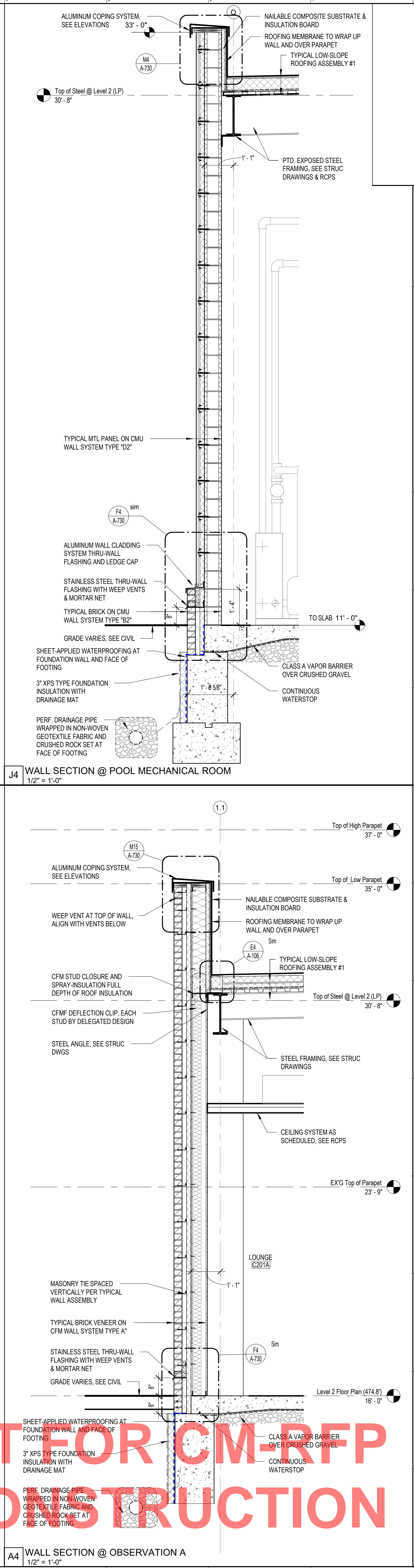
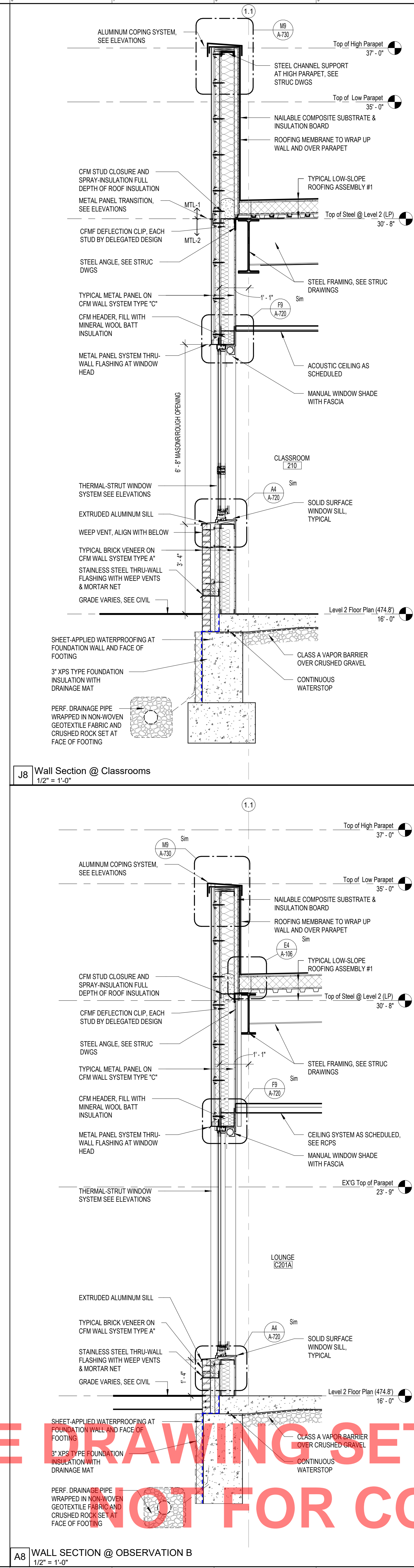
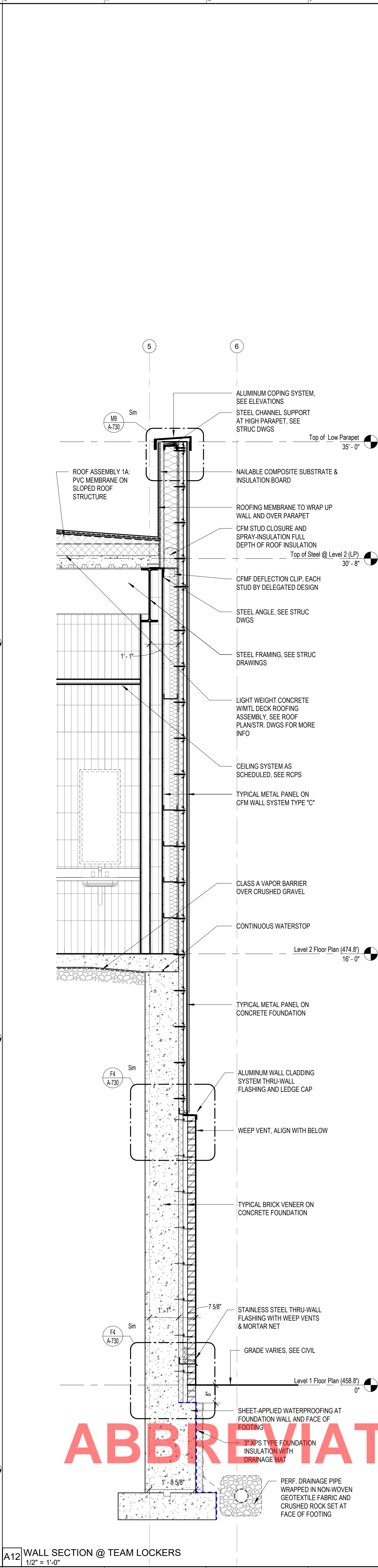
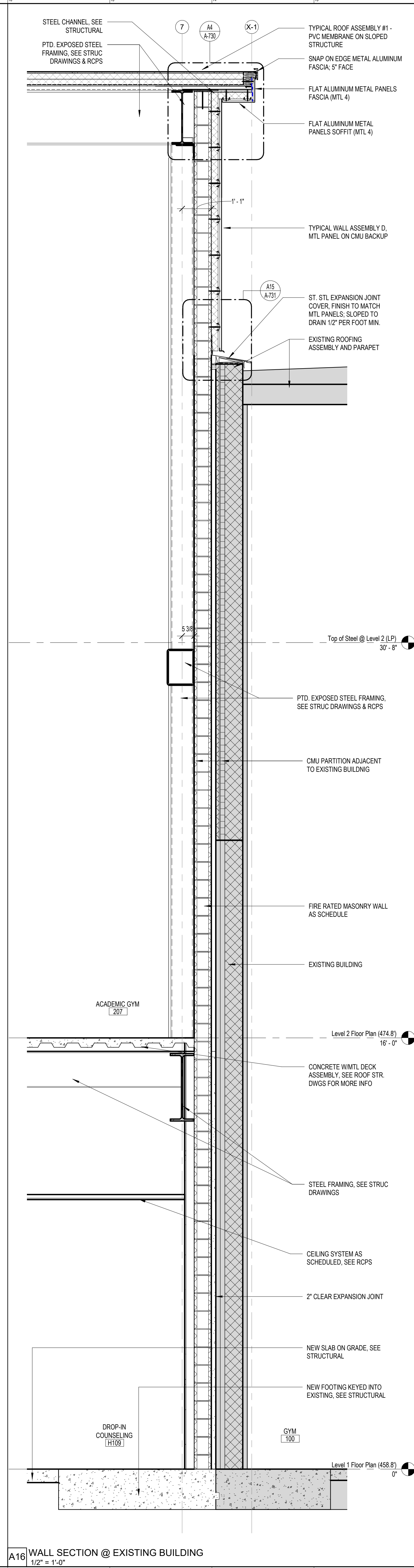
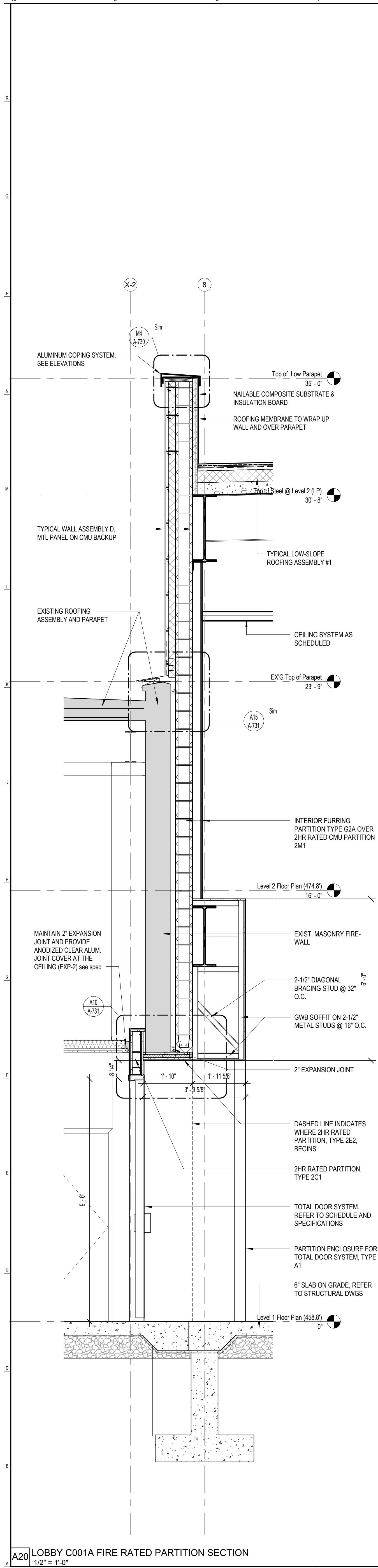
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