

DRAWING SUBMISSIONS

Table with columns: REV #, DATE, SCHEMATIC DESIGN, NAME

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3300 CLIPPER MILL ROAD
SUITE 201
PHONE: 667.210.2478
CONTACT: ANTHONY J. CORTEAL, JR.
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MOYA DESIGN PARTNERS
1308 19TH STREET NW
WASHINGTON, DC 20036
PHONE: 202.843.0220
CONTACT: JOHNATHAN STYLES
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CARROL ENGINEERING, INC.
215 SCHILLING CIRCLE, SUITE 102
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BALA CONSULTING ENGINEERS, INC.
8140 CORPORATE DRIVE, SUITE 150
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FOOD SERVICE
PORTER KHOUW CONSULTING, INC.
1672 VILLAGE GREEN, P.O. BOX 4028
CROFTON, MD 21114
PHONE: 410.451.3617
CONTACT: DAVID PORTER
EMAIL: DPORTER@PORTERKHOUWCONSULTING.COM

PGCC DUKES STUDENT CENTER

PROJ: 221226.00
PRINCE GEORGE'S COMMUNITY COLLEGE
301 LARGO RD
LARGO, MD 20774



hord | coplan | macht

ARCHITECT
700 E. PRATT ST, SUITE 1200
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LARGO, MD 20774

hord coplan macht
ARCHITECTURE
LANDSCAPE ARCHITECTURE
PLANNING
INTERIOR DESIGN

Project Number: 221226.00
Drawn By: Author
Checked By: Checker

Drawing
COVER SHEET

G-000

NOT FOR CONSTRUCTION

SCHEMATIC DESIGN

SHEET INDEX

Table with columns: NUMBER, NAME. Lists project information, life safety plans, civil, landscape, structural, and architectural drawings.

SHEET INDEX

Table with columns: NUMBER, NAME. Lists architectural information, site, plans, elevations, sections, and renderings.

SHEET INDEX

Table with columns: NUMBER, NAME. Lists architectural reflected ceiling plans, elevations, sections, and renderings.

SHEET INDEX

Table with columns: NUMBER, NAME. Lists interiors, food service, and theater drawings.

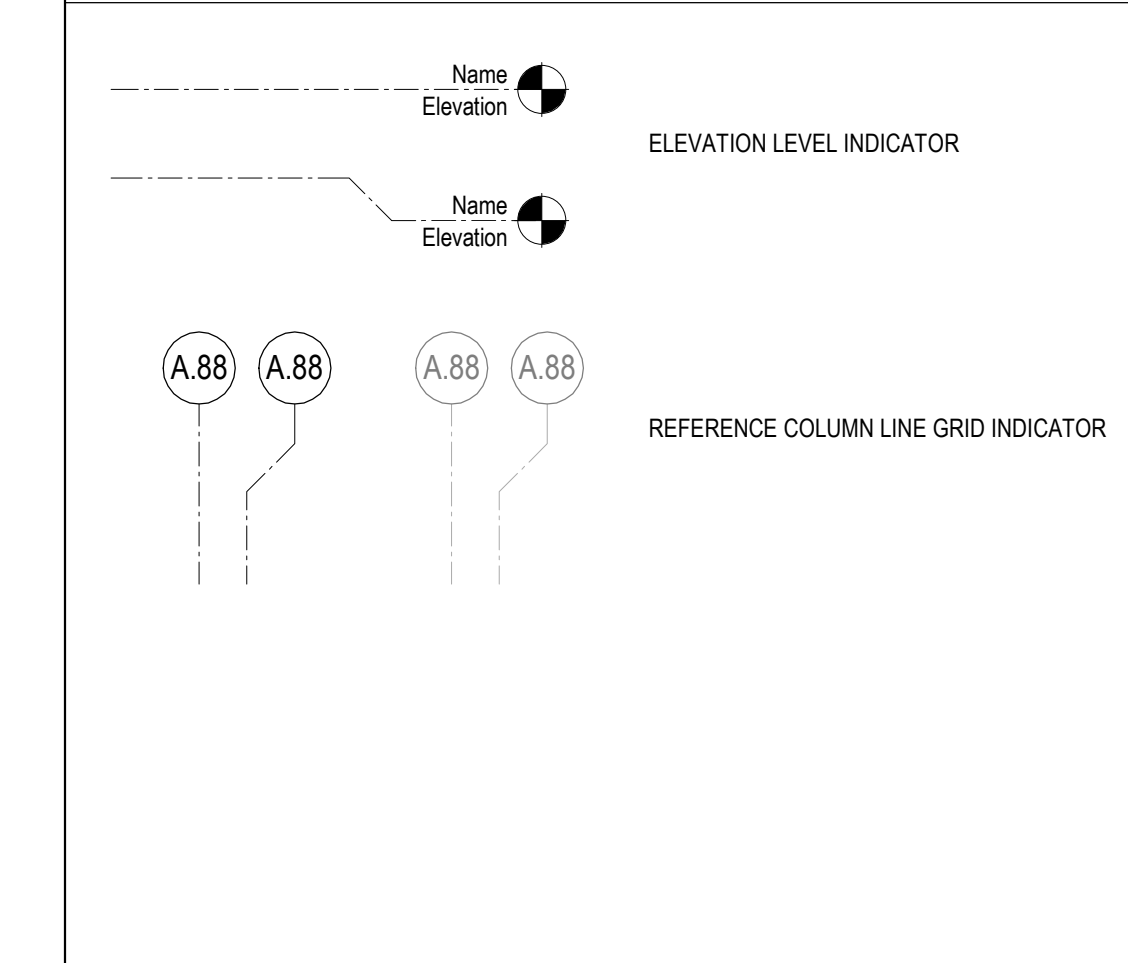
ABBREVIATIONS

THESE ABBREVIATIONS ARE BASED ON STANDARD ABBREVIATIONS THAT ARE USED IN CONSTRUCTION. HOWEVER, ALL ABBREVIATIONS MUST BE REVIEWED IN CONTEXT AND FINAL INTERPRETATION IS BY THE ARCHITECT. NOT ALL ABBREVIATIONS THAT ARE LISTED ARE USED IN THE ATTACHED DOCUMENTS.

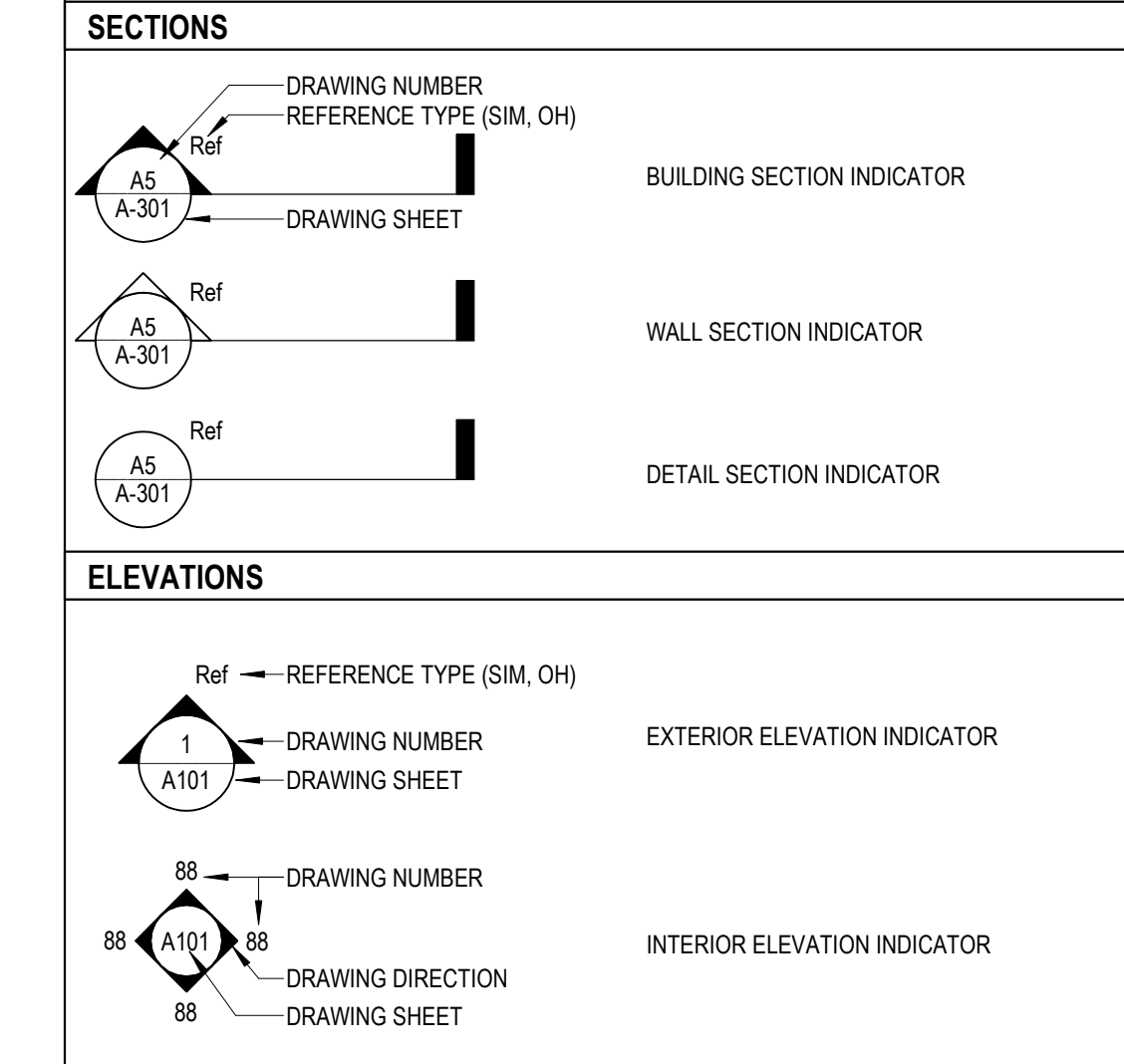
Table of abbreviations and their corresponding full names, organized in columns A through F and rows 1 through 10.

Table of abbreviations and their corresponding full names, organized in columns G through V and rows 1 through 10.

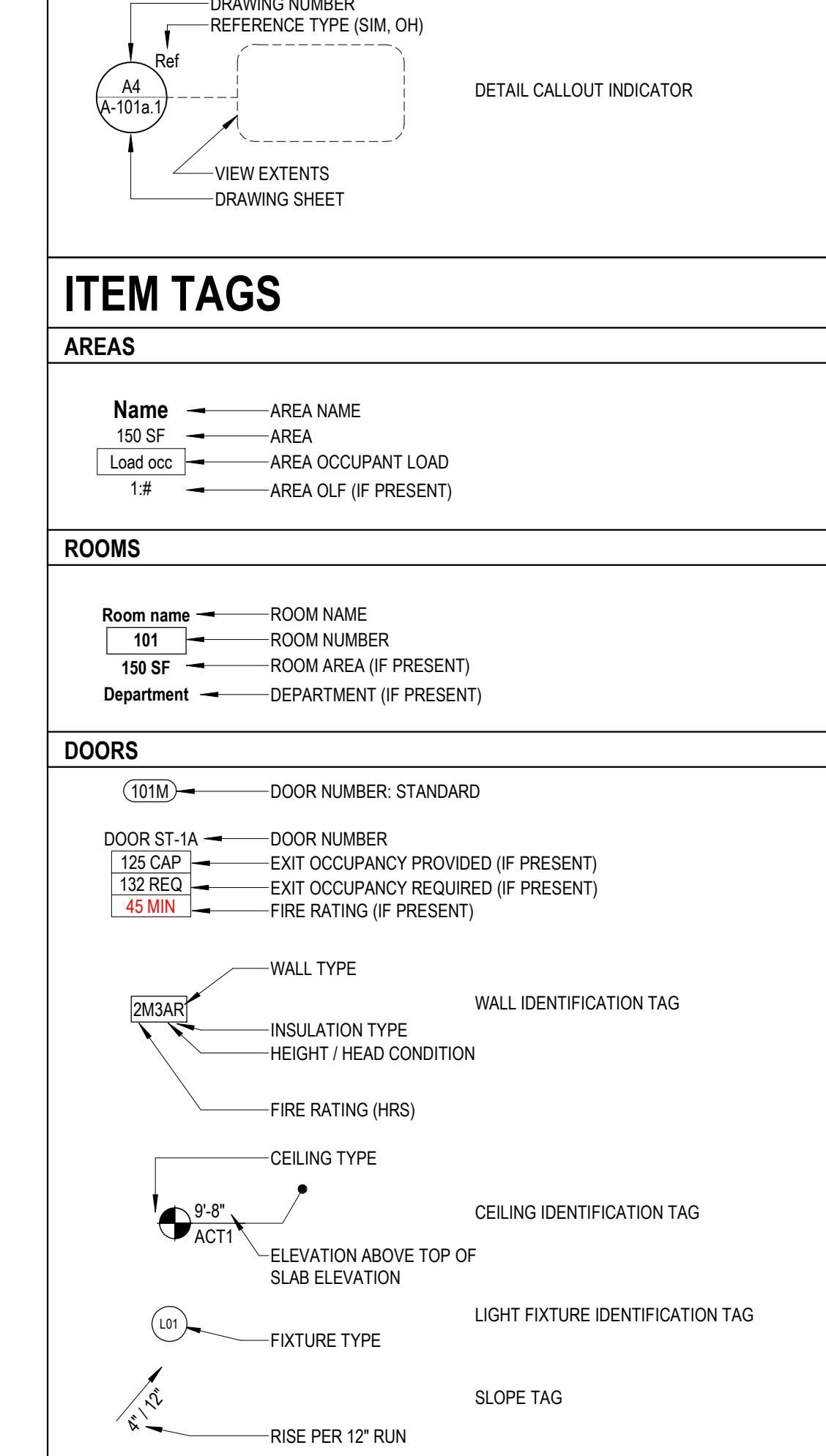
DATUMS



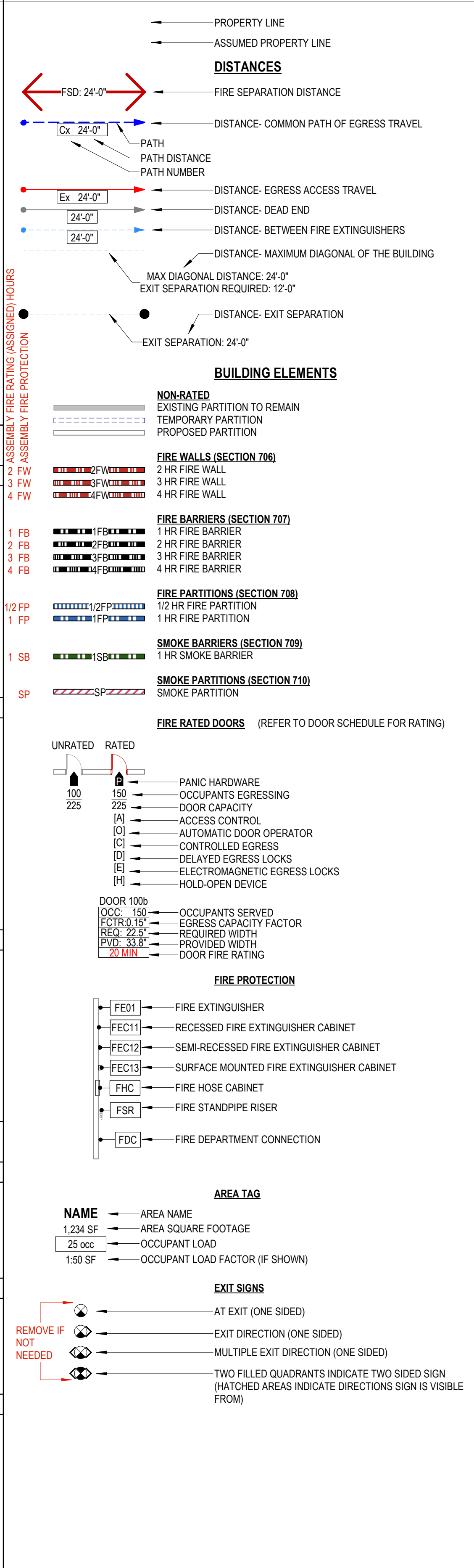
VIEW MARKERS



ITEM TAGS



LEGEND - LIFE SAFETY PLANS



GENERAL NOTES - LIFE SAFETY PLANS

- List of general notes regarding fire resistance ratings, exit signs, and other life safety requirements.

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ARCHITECTURE
LANDSCAPE ARCHITECTURE
PLANNING
INTERIOR DESIGN

Table with columns DATE and DESCRIPTION for project tracking.

Project Name: PGCC DUKES STUDENT CENTER
Project Number: 2021226.00
Sheet Issue Date: 2024.04.12
Scale: As indicated

Drawing
PROJECT GENERAL INFORMATION

G-010

NOT FOR CONSTRUCTION

SCHEMATIC DESIGN

E
D
C
B
A

LIFE SAFETY-OCCUPANCY- LEVEL U1

NAME	AREA	FUNCTION OF SPACE	OCCUPANT LOAD FACTOR	OCC. LOAD
STORAGE TANKS	8,097 SF	WAREHOUSE	500 SF - GROSS	17
	8,097 SF			17

CODE SUMMARY

GOVERNING CODES: 2018 INTERNATIONAL BUILDING CODE
 2018 INTERNATIONAL EXISTING BUILDING CODE
 2018 INTERNATIONAL MECHANICAL CODE
 2018 FUEL GAS CODE
 2018 INTERNATIONAL PLUMBING CODE/2019 WSSC TRAPS, INTERCEPTORS & SEPARATORS
 2018 INTERNATIONAL ENERGY CONSERVATION CODE
 2014 NATIONAL ELECTRIC CODE
 ELECTRICAL CODE VIA WICOMICO COUNTY
 2018 INTERNATIONAL GREEN CONSTRUCTION CODE
 STATE OF MARYLAND FIRE PREVENTION CODE
 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN (ICCANS) A117.1

CONSTRUCTION TYPE: II-A FULLY SPRINKLED
 NUMBER OF STORIES: 3 STORIES WITH A BASEMENT
 OCCUPANCY: 'B', 'A-1', 'A-2', 'A-3', 'S-1' - MIXED OCCUPANCY, MULTISTORY BUILDING
 AREA SEPARATIONS: NON-SEPARATED
 BUILDING AREA (EXTERIOR GSF): BASEMENT LEVEL: 8,678 SQ. FT.
 LEVEL 1: 48,494 SQ. FT.
 LEVEL 2: 26,736 SQ. FT.
 LEVEL 3: 30,546 SQ. FT.
 TOTAL BUILDING GSF: 105,876 SQ. FT. (EXCL. BASEMENT)
 ALLOWABLE BUILDING AREA PER STORY:
 TABULAR ALLOWABLE AREA FACTOR (A) Occupancy Classification: A-1 (most restrictive) A₁ (SM) = 46,500 SF
 Type of Construction: 2A (NS) = 15,500 SF
 ALLOWABLE AREA (A_a) A_a = [A + (NS x I)] x S_a
 = [46,500 SF + (15,500 SF x 0.75)] x 3
 = 174,375 SF (58,125 SF per floor)
 ALLOWABLE BUILDING HEIGHT: 85'-0"
 ACTUAL BUILDING HEIGHT: 70'-0"
 ALLOWABLE BUILDING STORIES: 4 STORIES

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PRINCE GEORGE'S COMMUNITY COLLEGE
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TYPES OF CONSTRUCTION

TYPE II-A, FULLY SPRINKLED:
 PRIMARY STRUCTURAL FRAMING: 1 HOUR
 BEARING WALLS EXTERIOR: 1 HOUR
 BEARING WALLS INTERIOR: 1 HOUR
 NONBEARING WALLS/PARTITIONS: 0 HOUR (FSD > 30' PER T602)
 FLOOR CONSTRUCTION: 1 HOUR
 ROOF CONSTRUCTION: 1 HOUR (0 IF > 20' ABOVE FLOOR PER T601.b)

MEANS OF EGRESS

EGRESS COMPONENT SIZING:
 STAIRWAYS:
 STAIR WIDTH CALCULATED AT 0.3" PER OCCUPANTS. 44" MIN WIDTH REQUIRED FOR STAIRS.
 STAIRS WIDER THAN 44" ARE CALCULATED USING THE EQUATION $W = 1.46 \cdot W + (10N - 40) \cdot 2.10$.
 (LSC 7.3.3.2)
 OTHER MEANS OF EGRESS = 0.15" PER OCCUPANT (1005.3.2 EX.1)

MINIMUM EXITS (1006.2.1.1):
 50 - 500 = MINIMUM 2 EXITS OR ACCESS TO EXITS FROM STORY
 501 - 1,000 = MINIMUM 3 EXITS OR ACCESS TO EXITS FROM STORY
 > 1,000 OCCUPANTS = MINIMUM 4 EXITS OR ACCESS TO EXITS FROM STORY

BASEMENT OCCUPANTS = 17
 LEVEL 1 = 1,328
 LEVEL 2 = 623
 LEVEL 3 = 1,257
 TOTAL OCCUPANTS = 3,225

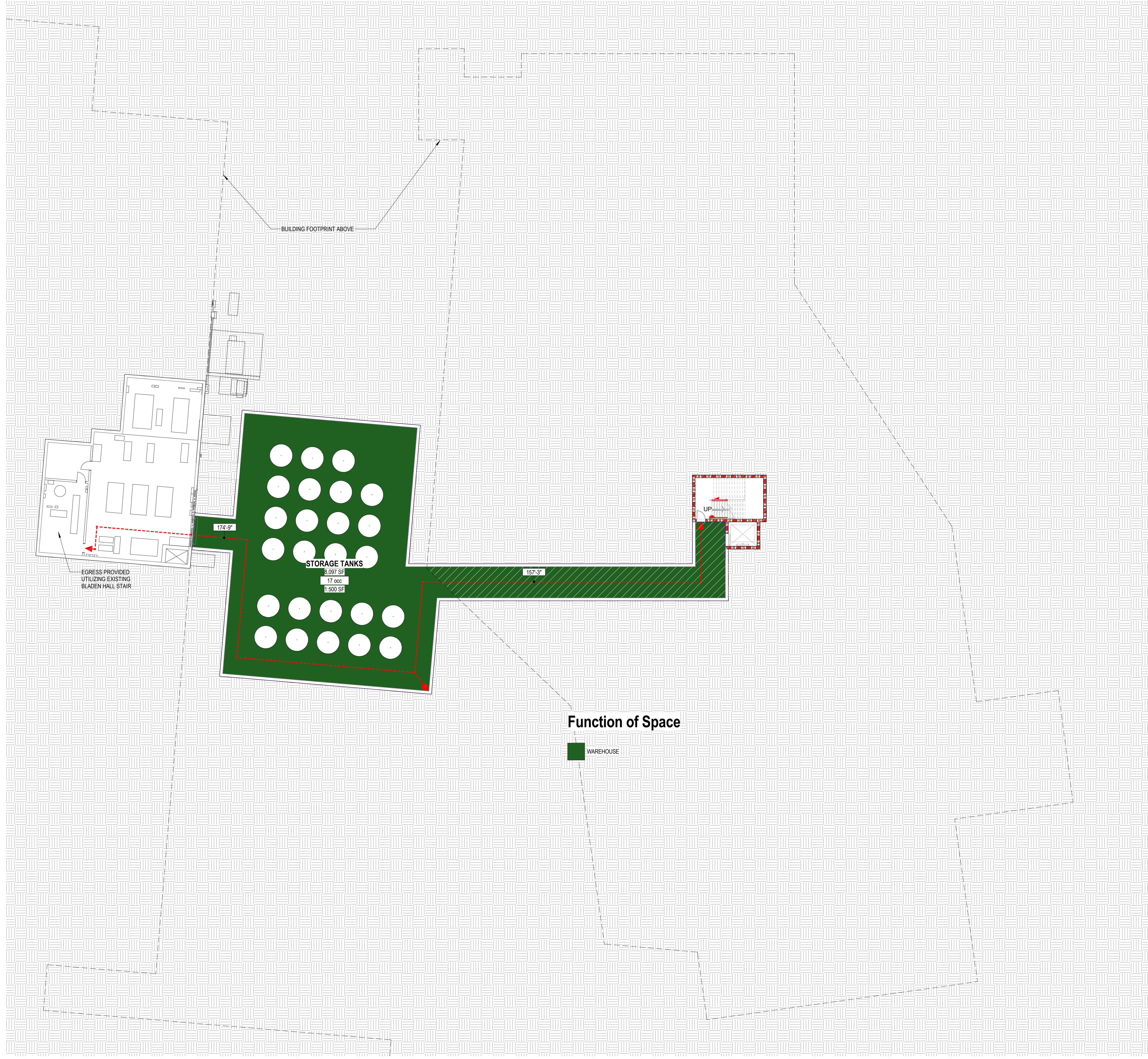
17 BASEMENT OCCUPANTS = 44" TOTAL STAIR WIDTH REQUIRED,
 330" TOTAL STAIR WIDTH PROVIDED
 623 LEVEL 2 OCCUPANTS = 390" OCCUPANTS AT CENTRAL STAIR = 238" OCCUPANTS / 3 STAIRS = 80" OCCUPANTS = 44" TOTAL STAIR WIDTH REQUIRED, 78" TOTAL STAIR WIDTH PROVIDED,
 1,257 LEVEL 3 OCCUPANTS = 388" OCCUPANTS AT CENTRAL STAIR = 872" OCCUPANTS / 3 STAIRS = 291" OCCUPANTS = 78" TOTAL STAIR WIDTH REQUIRED, 78" TOTAL STAIR WIDTH PROVIDED

17 BASEMENT OCCUPANTS = 32" TOTAL DOOR WIDTH REQUIRED,
 32" TOTAL DOOR WIDTH PROVIDED
 1,328 LEVEL 1 OCCUPANTS = (1,328 X 15") = 199.2" TOTAL DOOR WIDTH REQUIRED,
 > 200" TOTAL DOOR WIDTH PROVIDED
 623 LEVEL 2 OCCUPANTS / 4 STAIRS = 156" OCCUPANTS = 32" TOTAL DOOR WIDTH REQUIRED,
 32" TOTAL DOOR WIDTH PROVIDED
 1,257 LEVEL 3 OCCUPANTS = 388" OCCUPANTS AT CENTRAL STAIR = 872" OCCUPANTS / 3 STAIRS = 291" OCCUPANTS (291 X 15") = 43.7" DOOR WIDTH REQUIRED, 48.8" DOOR WIDTH PROVIDED

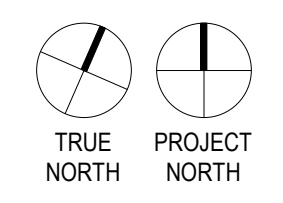
EXIT ACCESS TRAVEL 300 FT (TABLE 1017.2) = B OCCUPANCY
 EXIT ACCESS TRAVEL 250 FT (TABLE 1017.2) = S-1, A-1 OCCUPANCY
 DEAD-END CORRIDORS SHALL NOT EXCEED 90 FT IN A S-1 OCCUPANCY
 DEAD-END CORRIDORS SHALL NOT EXCEED 20 FT IN A A-1 OCCUPANCY
 EQUIPPED WITH AN AUTOMATIC SPRINKLER SYSTEM (1020.4.2)

PLUMBING FIXTURE COUNTS

TABLE 2902.1) LEVEL 1:		M CLASSIFICATION= 209 OCCUPANTS	
A-1 CLASSIFICATION=	488 OCCUPANTS	M CLASSIFICATION=	209 OCCUPANTS
A-2 CLASSIFICATION=	310 OCCUPANTS	S CLASSIFICATION=	7 OCCUPANTS
B CLASSIFICATION=	87 OCCUPANTS		
	WC/URINAL	LAVS	
FIXTURES REQUIRED (A-1 CLASSIFICATION)	3.75F/1.95M	1.22F/1.22M	
FIXTURES REQUIRED (A-2 CLASSIFICATION)	2.07F/2.07M	0.78F/0.78M	
FIXTURES REQUIRED (B CLASSIFICATION)	1.76F/1.76M	1.10F/1.10M	
FIXTURES REQUIRED (M CLASSIFICATION)	0.21F/0.21M	0.14F/0.14M	
FIXTURES REQUIRED (S CLASSIFICATION)	0.04F/0.04M	0.04F/0.04M	
TOTALS	8F/7M	4F/4M	
TABLE 2902.1) LEVEL 2:			
A-1 CLASSIFICATION=	204 OCCUPANTS	M CLASSIFICATION=	33 OCCUPANTS
B CLASSIFICATION=	256 OCCUPANTS		
	WC/URINAL	LAVS	
FIXTURES REQUIRED (A-1 CLASSIFICATION)	1.57F/0.82M	0.51F/0.51M	
FIXTURES REQUIRED (B CLASSIFICATION)	5.12F/5.12M	3.20F/3.20M	
FIXTURES REQUIRED (M CLASSIFICATION)	0.03F/0.03M	0.02F/0.02M	
TOTALS	7F/6M	4F/4M	
TABLE 2902.1) LEVEL 3:			
A-1 CLASSIFICATION=	331 OCCUPANTS		
A-2 CLASSIFICATION=	642 OCCUPANTS		
B CLASSIFICATION=	39 OCCUPANTS		
	WC/URINAL	LAVS	
FIXTURES REQUIRED (A-1 CLASSIFICATION)	4.28F/4.28M	1.61F/1.61M	
FIXTURES REQUIRED (A-2 CLASSIFICATION)	2.55F/1.33M	0.83F/0.83M	
FIXTURES REQUIRED (B CLASSIFICATION)	0.80F/0.80M	0.50F/0.50M	
TOTALS	8F/7M	3F/3M	



A1 LIFE SAFETY PLAN- LEVEL U1
 GL1U1 1/16" = 1'-0"



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 ARCHITECTURE
 LANDSCAPE ARCHITECTURE
 PLANNING
 INTERIOR DESIGN

Project Name:
 PGCC DUKES STUDENT CENTER

Project Number: 221226.00

Sheet Issue Date: XXXX.XX.XX

Scale: As indicated

Drawing
 LIFE SAFETY PLAN-
 LEVEL U1

GL1U1

NOT FOR CONSTRUCTION

SCHEMATIC DESIGN

A1 LIFE SAFETY PLAN- LEVEL 02
 1/16" = 1'-0"
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 Autodesk Docs: 221226-PGCC Dukes Student Center
 221226-4829-PGCC Dukes Student Center
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E
 D
 C
 B
 A

LIFE SAFETY-OCCUPANCY- LEVEL 02

NAME	AREA	FUNCTION OF SPACE	OCCUPANT LOAD FACTOR	OCC. LOAD	PLUMBING-OCC-REDUCTION-PP
LOUNGE	2,896 SF	ASM UNCONC.	15 SF - NET	180	0
FORUM TERRACE	1,185 SF	ASM UNCONC.	15 SF - NET	80	
CONFERENCE	162 SF	ASM UNCONC.	15 SF - NET	11	
CONFERENCE	107 SF	ASM UNCONC.	15 SF - NET	8	
	4,151 SF			279	
CLASSROOM-30	850 SF	CLASS RM.	20 SF - NET	43	
CLASSROOM-30	850 SF	CLASS RM.	20 SF - NET	43	
CLASSROOM-30	850 SF	CLASS RM.	20 SF - NET	43	
CLASSROOM-30/STUDIO	1,076 SF	CLASS RM.	20 SF - NET	54	
	3,626 SF			183	
MAKER	1,000 SF	VOCATIONAL	50 SF - NET	21	
BOOKSTORE - TEXTBOOKS	1,105 SF	MERC.	60 SF - GROSS	19	
OWL MART	777 SF	MERC.	60 SF - GROSS	13	
	1,882 SF			32	
OFFICE	3,800 SF	BUSINESS	150 SF - GROSS	26	
OFFICE	3,248 SF	BUSINESS	150 SF - GROSS	22	
OFFICE CIRCULATION	7,620 SF	BUSINESS	150 SF - GROSS	51	0
	14,668 SF			99	
LIBRARY RESOURCE ROOM	91 SF	STORAGE	300 SF - GROSS	1	
LIBRARY RESOURCE ROOM	217 SF	STORAGE	300 SF - GROSS	1	
PGCC CARES STORAGE	165 SF	STORAGE	300 SF - GROSS	1	
IDF	165 SF	MECH.	300 SF - GROSS	1	
STORAGE	70 SF	STORAGE	300 SF - GROSS	1	
ELEC	27 SF	MECH.	300 SF - GROSS	1	
ELEC	30 SF	MECH.	300 SF - GROSS	1	
JAN	37 SF	MECH.	300 SF - GROSS	1	
STORAGE	83 SF	STORAGE	300 SF - GROSS	1	
	883 SF			9	
	26,211 SF			623	

CODE SUMMARY

GOVERNING CODES: 2018 INTERNATIONAL BUILDING CODE
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 2018 INTERNATIONAL MECHANICAL CODE
 2018 FUEL GAS CODE
 2018 INTERNATIONAL PLUMBING CODE/2019 WSSC TRAPS, INTERCEPTORS & SEPARATORS
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 STATE OF MARYLAND FIRE PREVENTION CODE
 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN (ICCANS) A117.1

CONSTRUCTION TYPE: II-A FULLY SPRINKLED
 NUMBER OF STORIES: 3 STORIES WITH A BASEMENT
 OCCUPANCY: 'B', 'A-1', 'A-2', 'A-3', 'S-1' - MIXED OCCUPANCY, MULTISTORY BUILDING
 AREA SEPARATIONS: NON-SEPARATED
 BUILDING AREA: BASEMENT LEVEL 8,678 SQ. FT.
 LEVEL 1: 48,494 SQ. FT.
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 TOTAL BUILDING GSF: 105,876 SQ. FT. (EXCL. BASEMENT)

ALLOWABLE BUILDING AREA PER STORY:
 TABULAR ALLOWABLE AREA FACTOR (A)
 Occupancy Classification: A-1 (most restrictive) A₁ (SM) = 46,500 SF
 Type of Construction: 2A (NS) = 15,500 SF
 ALLOWABLE AREA (A₂)
 A₂ = [A + (NS x I)] x S₂
 = [46,500 SF + (15,500 SF x 0.75)] x 3
 = 174,375 SF (58,125 SF per floor)

ALLOWABLE BUILDING HEIGHT: 85'-0"
 ACTUAL BUILDING HEIGHT: 70'-0"
 ALLOWABLE BUILDING STORIES: 4 STORIES

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 ARCHITECTURE
 LANDSCAPE ARCHITECTURE
 PLANNING
 INTERIOR DESIGN

TYPES OF CONSTRUCTION

TYPE II-A FULLY SPRINKLED:
 PRIMARY STRUCTURAL FRAMING: 1 HOUR
 BEARING WALLS EXTERIOR: 1 HOUR
 BEARING WALLS INTERIOR: 1 HOUR
 NONBEARING WALLS/PARTITIONS: 0 HOUR (FSD > 30' PER T802)
 FLOOR CONSTRUCTION: 1 HOUR
 ROOF CONSTRUCTION: 1 HOUR (0 IF > 20' ABOVE FLOOR PER T801.b)

MEANS OF EGRESS

EGRESS COMPONENT SIZING:
 STAIRWAYS:
 STAIR WIDTH CALCULATED AT 0.3" PER OCCUPANTS. 44" MIN WIDTH REQUIRED FOR STAIRS.
 STAIRS WIDER THAN 44" ARE CALCULATED USING THE EQUATION $W = 1.46 \cdot T + (10N - 40) / 2.0$ (LSC 7.3.3.2)
 OTHER MEANS OF EGRESS = 0.15" PER OCCUPANT (1005.3.2 EX. 1)

MINIMUM EXITS (1006.2.1.1):
 50 - 500 = MINIMUM 2 EXITS OR ACCESS TO EXITS FROM STORY
 501 - 1,000 = MINIMUM 3 EXITS OR ACCESS TO EXITS FROM STORY
 > 1,000 OCCUPANTS = MINIMUM 4 EXITS OR ACCESS TO EXITS FROM STORY

BASEMENT OCCUPANTS = 17
 LEVEL 1 = 1,328
 LEVEL 2 = 623
 LEVEL 3 = 1,257
 TOTAL OCCUPANTS = 3,225

17 BASEMENT OCCUPANTS = 44" TOTAL STAIR WIDTH REQUIRED,
 330" TOTAL STAIR WIDTH PROVIDED
 623 LEVEL 2 OCCUPANTS = 385 OCCUPANTS AT CENTRAL STAIR = 238 OCCUPANTS / 3 STAIRS = 80 OCCUPANTS = 44" TOTAL STAIR WIDTH REQUIRED, 78" TOTAL STAIR WIDTH PROVIDED
 1,257 LEVEL 3 OCCUPANTS = 385 OCCUPANTS AT CENTRAL STAIR = 872 OCCUPANTS / 3 STAIRS = 291 OCCUPANTS = 78" TOTAL STAIR WIDTH REQUIRED, 78" TOTAL STAIR WIDTH PROVIDED

17 BASEMENT OCCUPANTS = 32" TOTAL DOOR WIDTH REQUIRED,
 32" TOTAL DOOR WIDTH PROVIDED
 1,328 LEVEL 1 OCCUPANTS = (1,328 x 15") = 199.2" TOTAL DOOR WIDTH REQUIRED,
 > 200" TOTAL DOOR WIDTH PROVIDED
 623 LEVEL 2 OCCUPANTS / 4 STAIRS = 156 OCCUPANTS = 32" TOTAL DOOR WIDTH REQUIRED,
 32" TOTAL DOOR WIDTH PROVIDED
 1,257 LEVEL 3 OCCUPANTS = 385 OCCUPANTS AT CENTRAL STAIR = 872 OCCUPANTS / 3 STAIRS = 291 OCCUPANTS (291 X 15") = 43.7" DOOR WIDTH REQUIRED, 45.8" DOOR WIDTH PROVIDED

EXIT ACCESS TRAVEL 300 FT (TABLE 1017.2) = B OCCUPANCY
 EXIT ACCESS TRAVEL 250 FT (TABLE 1017.2) = S-1, A-1 OCCUPANCY
 DEAD-END CORRIDORS SHALL NOT EXCEED 50 FT IN A-1, A-2, S-1 OCCUPANCY
 DEAD-END CORRIDORS SHALL NOT EXCEED 20 FT IN A-1 OCCUPANCY
 EQUIPPED WITH AN AUTOMATIC SPRINKLER SYSTEM (1020.4.2)

PLUMBING FIXTURE COUNTS

(TABLE 2902.1) LEVEL 1: A-1 CLASSIFICATION=	488 OCCUPANTS	M CLASSIFICATION=	209 OCCUPANTS
A-2 CLASSIFICATION=	310 OCCUPANTS	S CLASSIFICATION=	7 OCCUPANTS
B CLASSIFICATION=	87 OCCUPANTS		
	WC/URINAL	LAVS	
FIXTURES REQUIRED (A-1 CLASSIFICATION)	3.75F/1.95M	1.22F/1.22M	
FIXTURES REQUIRED (A-2 CLASSIFICATION)	2.07F/2.07M	0.78F/0.78M	
FIXTURES REQUIRED (B CLASSIFICATION)	1.76F/1.76M	1.10F/1.10M	
FIXTURES REQUIRED (M CLASSIFICATION)	0.21F/0.21M	0.14F/0.14M	
FIXTURES REQUIRED (S CLASSIFICATION)	0.04F/0.04M	0.04F/0.04M	
TOTALS	8F/7M	4F/4M	

(TABLE 2902.1) LEVEL 2: A-1 CLASSIFICATION=	204 OCCUPANTS	M CLASSIFICATION=	33 OCCUPANTS
B CLASSIFICATION=	256 OCCUPANTS		
	WC/URINAL	LAVS	
FIXTURES REQUIRED (A-1 CLASSIFICATION)	1.57F/0.82M	0.51F/0.51M	
FIXTURES REQUIRED (B CLASSIFICATION)	5.12F/5.12M	3.20F/3.20M	
FIXTURES REQUIRED (M CLASSIFICATION)	0.03F/0.03M	0.02F/0.02M	
TOTALS	7F/6M	4F/4M	

(TABLE 2902.1) LEVEL 3: A-1 CLASSIFICATION=	331 OCCUPANTS	A-2 CLASSIFICATION=	642 OCCUPANTS
B CLASSIFICATION=	39 OCCUPANTS		
	WC/URINAL	LAVS	
FIXTURES REQUIRED (A-1 CLASSIFICATION)	4.28F/4.28M	1.61F/1.61M	
FIXTURES REQUIRED (A-2 CLASSIFICATION)	2.55F/1.33M	0.83F/0.83M	
FIXTURES REQUIRED (B CLASSIFICATION)	0.80F/0.80M	0.50F/0.50M	
TOTALS	8F/7M	3F/3M	

Project Name:
 PGCC DUKES STUDENT CENTER
Project Number: 221226.00
Sheet Issue Date: 2024.04.12
Scale: As indicated

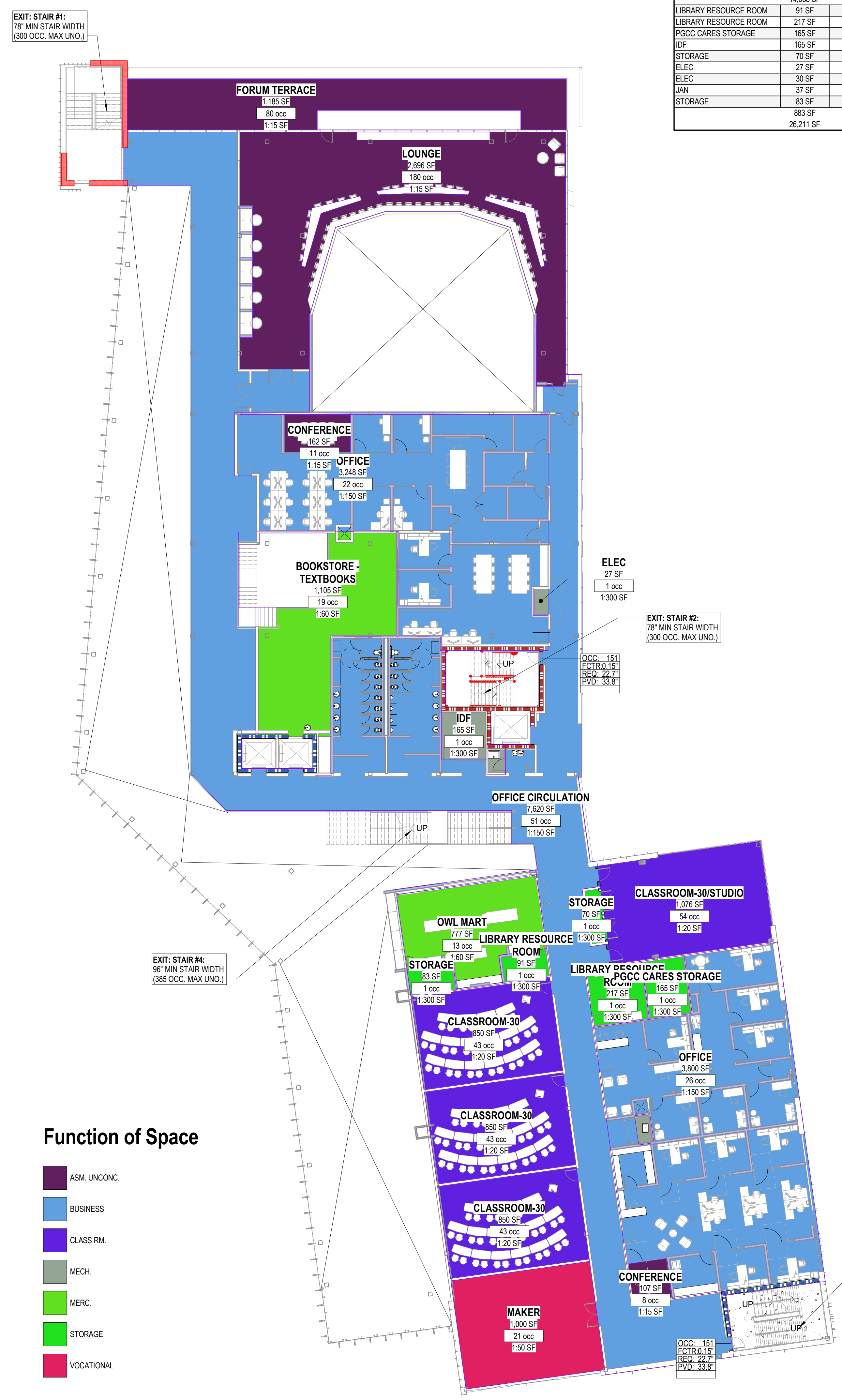
Drawing
 LIFE SAFETY PLAN-
 LEVEL 02

GL102

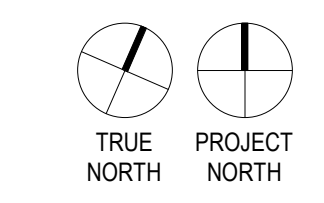
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SCHEMATIC DESIGN

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A1 LIFE SAFETY PLAN- LEVEL 02
GL102 1/16" = 1'-0"



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LIFE SAFETY-OCCUPANCY- LEVEL 03

NAME	AREA	FUNCTION OF SPACE	OCCUPANT LOAD FACTOR	OCC. LOAD	PLUMBING-OCC-REDUCTION-PP
ASSEM - CHAIRS	2,181 SF	ASM. CONC.	7 SF - NET	312	
ASSEM - CHAIRS	2,177 SF	ASM. CONC.	7 SF - NET	312	
	4,358 SF			624	
CONFERENCE	1,936 SF	ASM. UNCONC.	15 SF - NET	130	
CONFERENCE	351 SF	ASM. UNCONC.	15 SF - NET	24	
CONFERENCE	877 SF	ASM. UNCONC.	15 SF - NET	59	
CONFERENCE	869 SF	ASM. UNCONC.	15 SF - NET	45	
STAGE	199 SF	STAGE	15 SF - NET	14	
CONFERENCE	978 SF	ASM. UNCONC.	15 SF - NET	66	
TERRACE	2,599 SF	ASM. UNCONC.	15 SF - NET	174	0
KITCHENETTE	178 SF	ASM. UNCONC.	15 SF - NET	12	
CATERING KITCHEN	727 SF	KITCHEN	100 SF - GROSS	8	4
	727 SF			8	
OFFICE	3,656 SF	BUSINESS	150 SF - GROSS	25	
OFFICE CIRC.	8,685 SF	BUSINESS	150 SF - GROSS	58	0
	12,341 SF			83	
ACC	158 SF	STORAGE	300 SF - GROSS	1	
ACC	137 SF	STORAGE	300 SF - GROSS	1	
ACC	398 SF	STORAGE	300 SF - GROSS	2	
IDF	155 SF	MECH.	300 SF - GROSS	1	
MEETING ROOM STORAGE	558 SF	STORAGE	300 SF - GROSS	2	
CATERING STORAGE	134 SF	STORAGE	300 SF - GROSS	1	
ELEC	34 SF	MECH.	300 SF - GROSS	1	
SERVICE CORR.	1,029 SF	MECH.	300 SF - GROSS	4	0
SERVICE CORR.	904 SF	MECH.	300 SF - GROSS	2	0
ELEC	29 SF	MECH.	300 SF - GROSS	1	
AV	53 SF	MECH.	300 SF - GROSS	1	
JAN	46 SF	MECH.	300 SF - GROSS	1	
	3,236 SF			18	
	28,490 SF			1257	

CODE SUMMARY

GOVERNING CODES: 2018 INTERNATIONAL BUILDING CODE
 2018 INTERNATIONAL EXISTING BUILDING CODE
 2018 INTERNATIONAL MECHANICAL CODE
 2018 INTERNATIONAL PLUMBING CODE/2019 WSSC TRAPS, INTERCEPTORS & SEPARATORS
 2018 INTERNATIONAL ENERGY CONSERVATION CODE
 2014 NATIONAL ELECTRIC CODE
 ELECTRICAL CODE VIA WOODMICK COUNTY
 2018 INTERNATIONAL GREEN CONSTRUCTION CODE
 STATE OF MARYLAND FIRE PREVENTION CODE
 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN (ICCANS) A117.1

CONSTRUCTION TYPE: II-A FULLY SPRINKLED
 NUMBER OF STORIES: 3 STORIES WITH A BASEMENT
 OCCUPANCY: 'B', 'A-1', 'A-2', 'A-3', 'S-1' - MIXED OCCUPANCY, MULTISTORY BUILDING
 AREA SEPARATIONS: NON-SEPARATED

BUILDING AREA: BASEMENT LEVEL 8,678 SQ. FT.
 LEVEL 1: 48,494 SQ. FT.
 LEVEL 2: 26,736 SQ. FT.
 LEVEL 3: 30,346 SQ. FT.
 TOTAL BUILDING GSF: 105,876 SQ. FT. (EXCL. BASEMENT)

ALLOWABLE BUILDING AREA PER STORY:
 TABULAR ALLOWABLE AREA FACTOR (A)
 Occupancy Classification: A-1 (most restrictive) A₁ (SM) = 46,500 SF
 Type of Construction: 2A (NS) = 15,500 SF

ALLOWABLE AREA (A_a)
 A_a = [A₁ + (NS x I)] x S₃
 = [46,500 SF + (15,500 SF x 0.75)] x 3
 = 174,375 SF (58,125 SF per floor)

ALLOWABLE BUILDING HEIGHT: 85'-0"
 ACTUAL BUILDING HEIGHT: 70'-0"
 ALLOWABLE BUILDING STORIES: 4 STORIES

TYPES OF CONSTRUCTION

TYPE II-A, FULLY SPRINKLED:
 PRIMARY STRUCTURAL FRAMING: 1 HOUR
 BEARING WALLS EXTERIOR: 1 HOUR
 BEARING WALLS INTERIOR: 1 HOUR
 NONBEARING WALLS/PARTITIONS: 0 HOUR (FSD > 30' PER TB02)
 FLOOR CONSTRUCTION: 1 HOUR
 ROOF CONSTRUCTION: 1 HOUR (0 IF > 20' ABOVE FLOOR PER TB01.b)

MEANS OF EGRESS

EGRESS COMPONENT SIZING:
 STAIRWAYS:
 STAIR WIDTH CALCULATED AT 0.3" PER OCCUPANTS. 44" MIN WIDTH REQUIRED FOR STAIRS.
 STAIRS WIDER THAN 44" ARE CALCULATED USING THE EQUATION $W = 146.7 + (0.0019 \times 210)$
 (LSC 7.3.3.2)
 OTHER MEANS OF EGRESS = 0.15" PER OCCUPANT (1005.3.2 EX. 1)

MINIMUM EXITS (1006.2.1.1):
 50 - 500 = MINIMUM 2 EXITS OR ACCESS TO EXITS FROM STORY
 501 - 1,000 = MINIMUM 3 EXITS OR ACCESS TO EXITS FROM STORY
 > 1,000 OCCUPANTS = MINIMUM 4 EXITS OR ACCESS TO EXITS FROM STORY

BASEMENT OCCUPANTS = 17
 LEVEL 1 = 1,328
 LEVEL 2 = 623
 LEVEL 3 = 1,257
 TOTAL OCCUPANTS = 3,225

17 BASEMENT OCCUPANTS = 44" TOTAL STAIR WIDTH REQUIRED, 330" TOTAL STAIR WIDTH PROVIDED
 623 LEVEL 2 OCCUPANTS = 385 OCCUPANTS AT CENTRAL STAIR = 238 OCCUPANTS / 3 STAIRS = 80 OCCUPANTS / 44" TOTAL STAIR WIDTH REQUIRED, 78" TOTAL STAIR WIDTH PROVIDED
 1,257 LEVEL 3 OCCUPANTS = 385 OCCUPANTS AT CENTRAL STAIR = 872 OCCUPANTS / 3 STAIRS = 291 OCCUPANTS = 78" TOTAL STAIR WIDTH REQUIRED, 78" TOTAL STAIR WIDTH PROVIDED

17 BASEMENT OCCUPANTS = 32" TOTAL DOOR WIDTH REQUIRED, 32" TOTAL DOOR WIDTH PROVIDED
 1,328 LEVEL 1 OCCUPANTS (1,328 x 15") = 199.2" TOTAL DOOR WIDTH REQUIRED, > 200" TOTAL DOOR WIDTH PROVIDED
 623 LEVEL 2 OCCUPANTS / 4 STAIRS = 156 OCCUPANTS = 32" TOTAL DOOR WIDTH REQUIRED, 32" TOTAL DOOR WIDTH PROVIDED
 1,257 LEVEL 3 OCCUPANTS = 385 OCCUPANTS AT CENTRAL STAIR = 872 OCCUPANTS / 3 STAIRS = 291 OCCUPANTS (291 x 15") = 43.7" DOOR WIDTH REQUIRED, 45.8" DOOR WIDTH PROVIDED

EXIT ACCESS TRAVEL 300 FT (TABLE 1017.2) = B OCCUPANCY
 EXIT ACCESS TRAVEL 250 FT (TABLE 1017.2) = S-1, A-1 OCCUPANCY
 DEAD-END CORRIDORS SHALL NOT EXCEED 50 FT IN B & S-1 OCCUPANCY
 DEAD-END CORRIDORS SHALL NOT EXCEED 20 FT IN A-1 OCCUPANCY
 EQUIPPED WITH AN AUTOMATIC SPRINKLER SYSTEM (1020.4.2)

PLUMBING FIXTURE COUNTS

(TABLE 2902.1) LEVEL 1:	A-1 CLASSIFICATION=	488 OCCUPANTS	M CLASSIFICATION=	209 OCCUPANTS
A-2 CLASSIFICATION=	310 OCCUPANTS	B CLASSIFICATION=	87 OCCUPANTS	
		WC/URINAL	LAVS	
FIXTURES REQUIRED (A-1 CLASSIFICATION)	3.75F/1.95M	1.22F/1.22M		
FIXTURES REQUIRED (A-2 CLASSIFICATION)	2.07F/2.07M	0.78F/0.78M		
FIXTURES REQUIRED (B CLASSIFICATION)	1.76F/1.76M	1.10F/1.10M		
FIXTURES REQUIRED (M CLASSIFICATION)	0.21F/0.21M	0.14F/0.14M		
FIXTURES REQUIRED (S CLASSIFICATION)	0.04F/0.04M	0.04F/0.04M		
TOTALS	8F/7M	4F/4M		

(TABLE 2902.1) LEVEL 2:	A-1 CLASSIFICATION=	204 OCCUPANTS	M CLASSIFICATION=	33 OCCUPANTS
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FIXTURES REQUIRED (B CLASSIFICATION)	5.12F/5.12M	3.20F/3.20M		
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TOTALS	7F/6M	4F/4M		

(TABLE 2902.1) LEVEL 3:	A-1 CLASSIFICATION=	331 OCCUPANTS	A-2 CLASSIFICATION=	642 OCCUPANTS
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FIXTURES REQUIRED (A-2 CLASSIFICATION)	2.55F/1.33M	0.83F/0.83M		
FIXTURES REQUIRED (B CLASSIFICATION)	0.80F/0.80M	0.50F/0.50M		
TOTALS	8F/7M	3F/3M		

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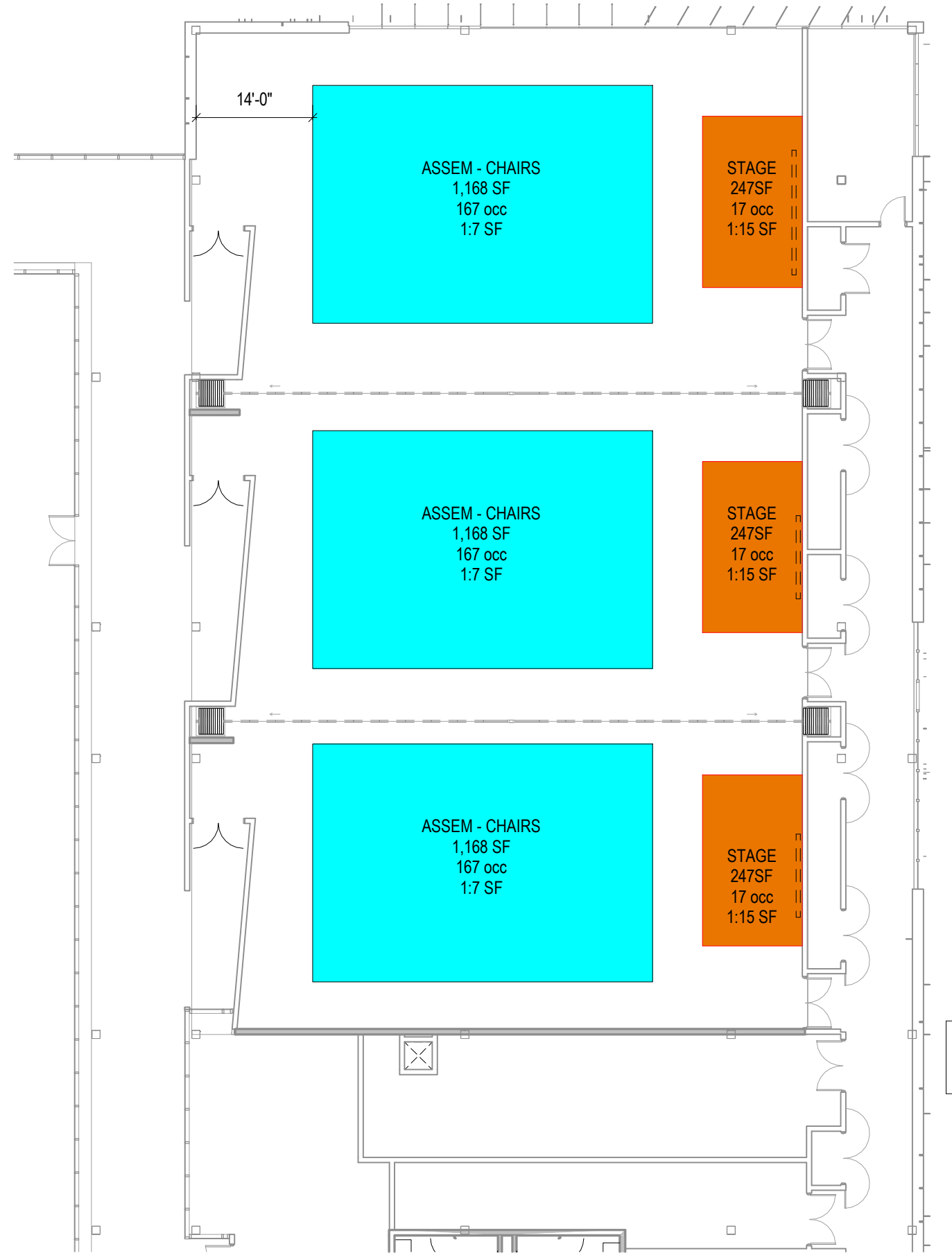
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LIFE SAFETY PLAN- LEVEL 03

GL103

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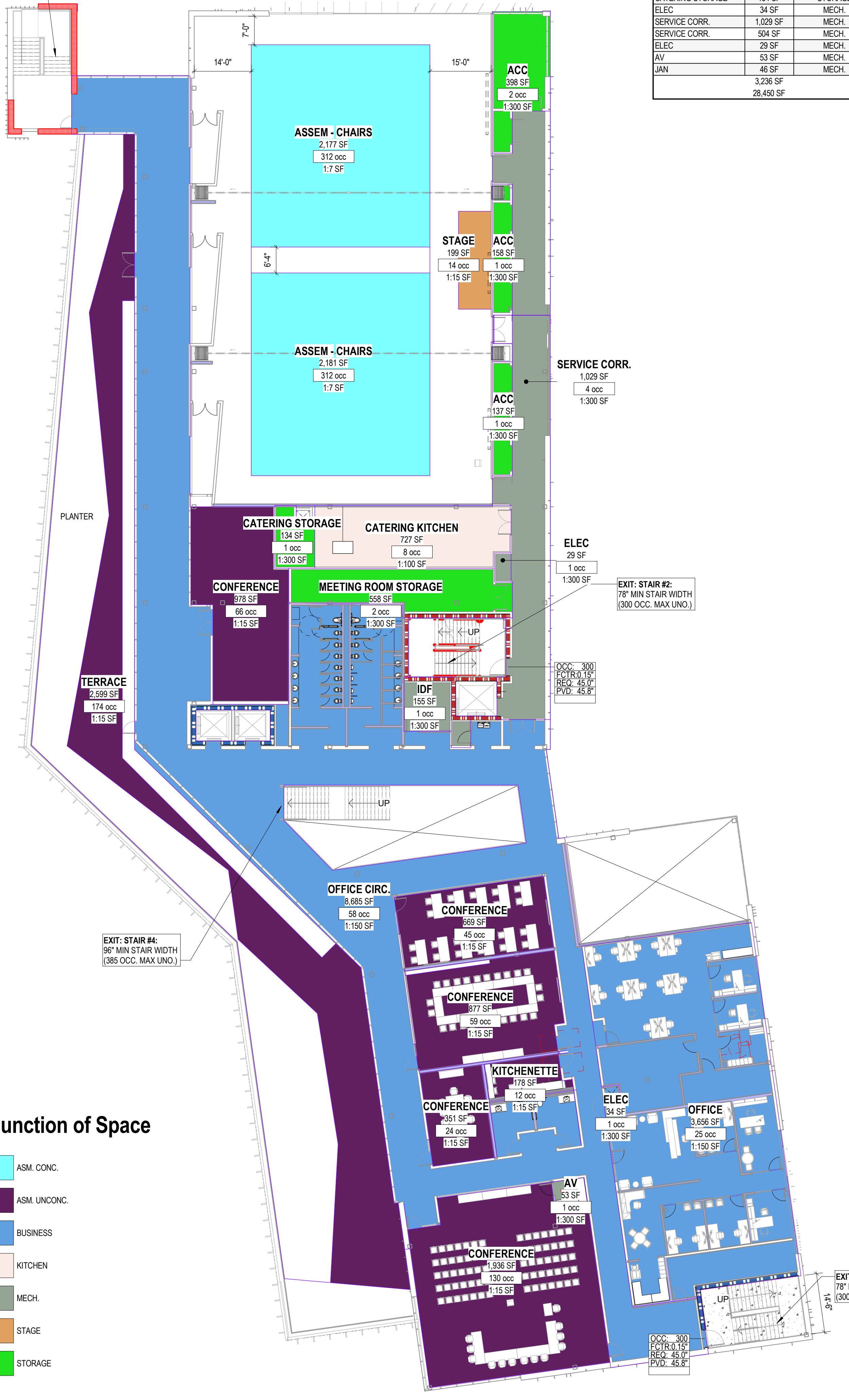
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C2 LIFE SAFETY PLAN- LEVEL 03 - ALT 1

GL103 1/16" = 1'-0"

EXIT STAIR #1:
 78" MIN STAIR WIDTH
 (300 OCC. MAX UNO.)

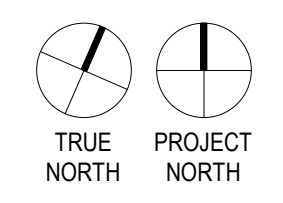


Function of Space

- ASM. CONC.
- ASM. UNCONC.
- BUSINESS
- KITCHEN
- MECH.
- STAGE
- STORAGE

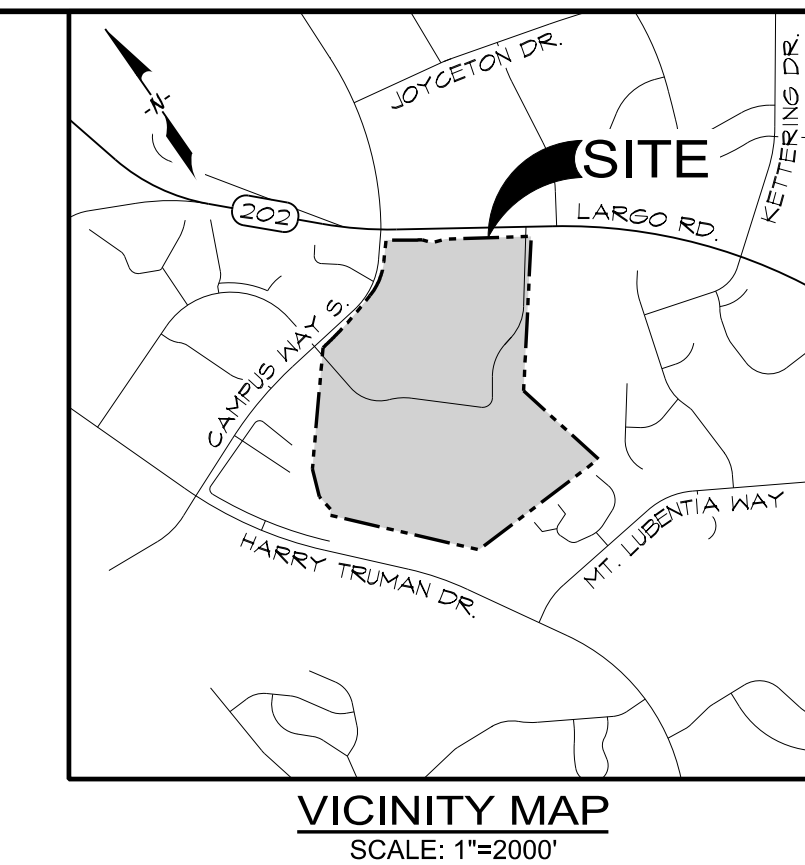
A3 LIFE SAFETY PLAN- LEVEL 03

GL103 1/16" = 1'-0"



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VICINITY MAP
SCALE: 1"=2000'

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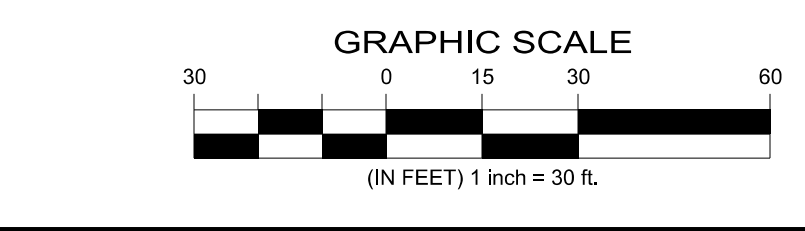
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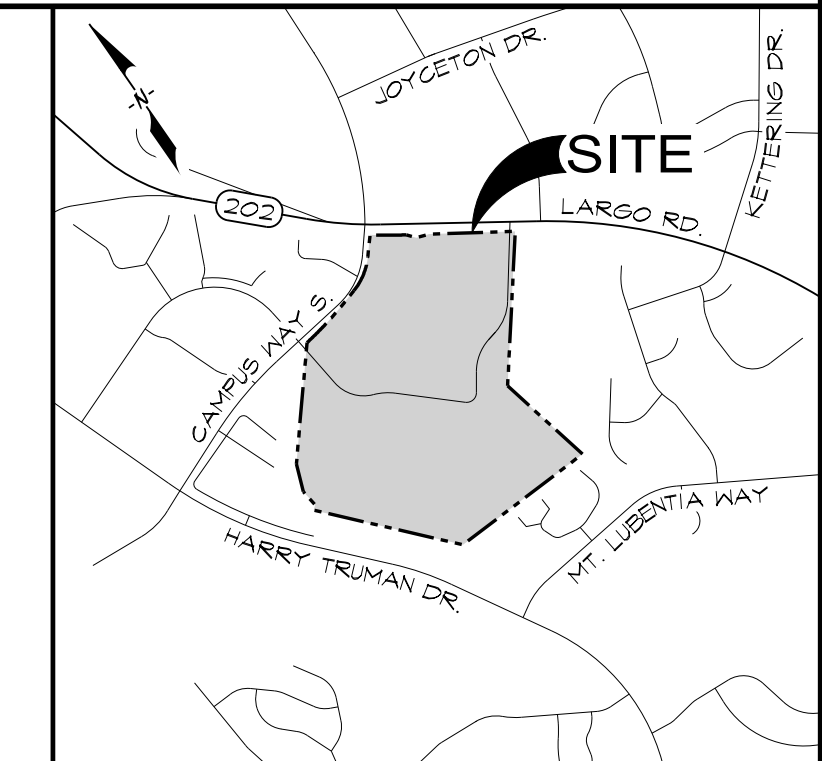
- EXISTING LEGEND**
- EX. PROPERTY LINE
 - EX. SETBACKS
 - EX. MAJOR CONTOURS
 - EX. MINOR CONTOURS
 - EX. SPOT ELEVATION
 - EX. TREE, SHRUB
 - EX. TREE LINE
 - EX. CHAINLINK FENCE
 - EX. METAL FENCE
 - EX. CURB
 - EX. CURB & GUTTER
 - EX. CONCRETE SIDEWALK
 - EX. SIGN BOLLARD
 - EX. STORM DRAIN LINE, MANHOLE, CLEANOUT, INLET
 - EX. SANITARY SEWER LINE, MANHOLE
 - EX. WATER LINE
 - FIRE HYDRANT, WATER WELL
 - EX. UNDERGROUND ELECTRIC
 - EX. ELEC. MANHOLE, LIGHT POLE
 - POWER POLE, COMM. BOX
 - EX. TELEPHONE, MANHOLE
 - EX. GAS LINE

NO.	DATE	DESCRIPTION

Project Name: PGCC DUKES STUDENT CENTER
 Project Number: 221226.00
 Sheet Issue Date: 2024.04.12
 Scale: 1" = 30'



EXISTING CONDITIONS PLAN
SCALE: 1" = 30'



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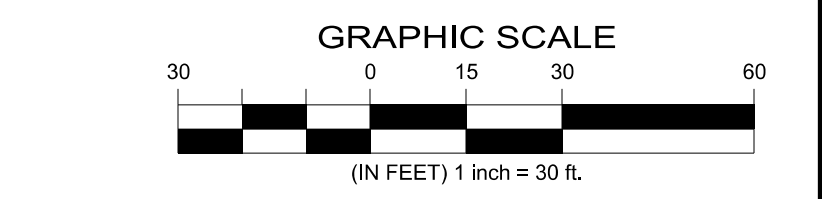
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- LEGEND**
- EX. PROPERTY LINE
 - EX. SETBACKS
 - EX. MAJOR CONTOURS
 - EX. MINOR CONTOURS
 - EX. SPOT ELEVATION
 - EX. TREE SHRUB
 - EX. TREE LINE
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 - EX. CURB
 - EX. CURB & GUTTER
 - EX. CONCRETE SIDEWALK
 - EX. SIGN, BOLLARD
 - EX. STORM DRAIN LINE, MANHOLE, GLEANDOUT, INLET
 - EX. SANITARY SEWER LINE, MANHOLE
 - EX. WATER LINE, FIRE HYDRANT, WATER WELL
 - EX. UNDERGROUND ELECTRIC
 - EX. OVERHEAD ELECTRIC
 - EX. ELEC. MANHOLE, LIGHT POLE, POWER POLE, COMM. BOX
 - EX. TELEPHONE, MANHOLE
 - EX. GAS LINE
 - PROP. MAJOR CONTOUR
 - PROP. MINOR CONTOUR
 - PROP. SPOT ELEVATION
 - PROP. STORM DRAIN
 - PROP. STORM DRAIN MANHOLE
 - PROP. STORM DRAIN STRUCTURES
 - PROP. SANITARY
 - PROP. WATER
 - PROP. BUILDING DOOR
 - PROP. GREEN ROOF AREA

DATE	DESCRIPTION

Project Name: PGCC DUKES STUDENT CENTER
Project Number: 221226.00
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Scale: 1" = 30'



Drawing
 SITE PLAN

C-102

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SCHEMATIC DESIGN

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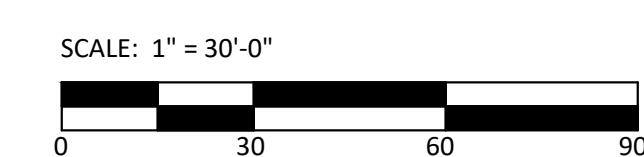
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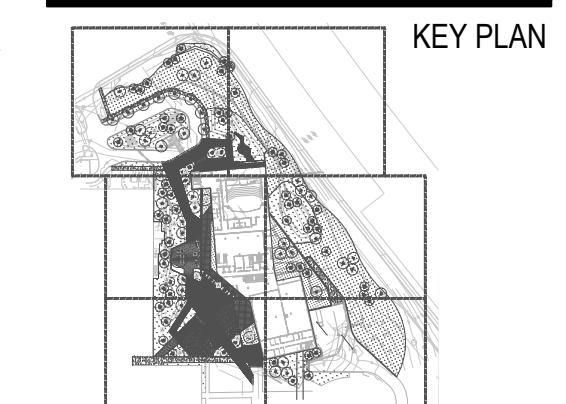
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NO.	DATE	DESCRIPTION

Project Name: PGCC DUKES STUDENT CENTER
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Sheet Issue Date: 2024.04.12
Scale:



Drawing
OVERALL SITE KEY

L-100
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SCHEMATIC DESIGN

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2024.04.12

MATERIAL SPECIFICATIONS (FOR PRICING ONLY)

1. CONCRETE UNIT PAVERS (PEDESTRIAN)- HANOVER 6X12 X 2 3/4" PREST PAVES; 3 CUSTOM MATRIX COLORS (TBD); PATTERN TO BE DETERMINED; SET ON 1" DEPTH SAND SETTING BED (ASTM C33 SAND) OVER 4" DEPTH CONCRETE BASE ON CR-6 BASE AND COMPACTED TO 95%, WITH ALUMINUM EDGING AT PLANTING BEDS.
2. CONCRETE UNIT PAVERS (VEHICULAR)- HANOVER 4X8X3 PREST PAVES; PATTERN TO BE DETERMINED; SET ON 3/4" DEPTH BITUMINOUS SETTING BED OVER 5" DEPTH CONCRETE BASE; FOR VEHICULAR PAVING; WITH ALUMINUM EDGING.
3. SCORED CONCRETE PAVING WITH INTEGRAL COLOR 4" CONCRETE SLAB WITH WELDED WIRE MESH SET ON 6" DEPTH CR-6 SETTING BED COMPACTED TO 95%; PROVIDE 1/2" PRE-MOLDED EXPANSION JOINTS WHERE CONCRETE ABUTS BUILDING AND PLANTER WALLS AND ACROSS WALK AT MIN 2'-0" O.C.; PROVIDE TOOLED SCORE JOINTS ACROSS WALK AT 45'-0" O.C. OR SPACED EVENLY.
4. DECKING - 5/8" THERMALLY MODIFIED ASH DECKING ON CONCRETE BASE WITH PTP FURRING STRIPS OR SHIMS WITH INVISIBLE FASTENERS.
5. CONCRETE WALLS: ALL EXTERIOR SITE CONCRETE WALLS SHALL BE RUBBED FINISH WITH 1/2" DEEP VERTICAL REVEALS 6'-0" O.C. TYPICAL, WITH 1/2" EASE ALL TOP AND SIDE OUTSIDE EDGES.
6. SITE FURNISHINGS: PROVIDE ALLOWANCE FOR THE FOLLOWING (FINAL QUANTITIES AND LOCATIONS TO BE DETERMINED):
 - A. BIKE RACK - LANDSCAPE FORMS 'RING' BIKE RACK; STAINLESS STEEL FINISH; EMBED IN CONCRETE SLAB PER MANUFACTURER'S INSTRUCTIONS, OR CAMPUS STANDARD. LOCATION TBD. (QTY: 10 TOTAL)
 - B. CAFE TABLES AND CHAIRS (FIXED) - LANDSCAPE FORMS 'CHARLIE' TABLE AND CHAIR; POWDERCOAT FINISH, COLOR TBD; SECURED IN CONCRETE SLAB PER MANUFACTURER'S INSTRUCTIONS. (QTY: 10 TOTAL)
 - C. CAFE TABLES AND CHAIRS (MOVABLE) - LANDSCAPE FORMS 'PARC CENTER' TABLE AND CHAIR; POWDERCOAT FINISH, COLOR TBD. (QTY: 8 TOTAL) OR CAMPUS STANDARD.
 - E. TRASH AND RECYCLE RECEPTACLE (FIXED) - LANDSCAPE FORMS 'SELECT TRIPLE UNIT'; POWDERCOAT FINISH, COLOR, SIGNAGE, LOCKING TBD. (QTY: 10 TOTAL) OR CAMPUS STANDARD.
 - F. CUSTOM WOOD BENCH (W103) (FIXED) - LANDSCAPE FORMS 'PARALLEL' 42 STRAIGHT BACKLESS TABLE AND CHAIR; CUSTOM CONFIGURATION AS INDICATED ON PLANS; POWDERCOAT FINISH FOR END PANELS COLOR TBD. (QTY: 8 UNITS TOTAL)
 - G. PEDESTRIAN LIGHTS - LED CAMPUS STANDARD PEDESTRIAN LIGHT FIXTURES; COLOR AND FINISH TO MATCH EXISTING LIGHTS ON CAMPUS. 10 TOTAL)
 - H. DECORATIVE LIGHTING (WALLS AND STEPS): ALL STEPS SHALL BE FURNISHED WITH STEP LIGHTS MIN 2' PER RISER. LOCATION AND TYPE TBD. ALL LANDSCAPE WALLS IN THE COURTYARD WITH HEIGHTS OF MIN 18" ABOVE GRADE SHALL BE FURNISHED WITH RECESSED WALL LIGHTS AT 3'-0" O.C. THROUGHOUT THE LENGTH OF THE WALL.
7. PLANTING:
 - A. ALL PLANTING AREAS SHALL BE FURNISHED WITH MIN 24" OF AMENDED PLANTING SOIL (1/3 NATIVE, 1/3 IMPORTED, 1/3 ORGANIC MATTER); LOCALLY SOURCED WITHIN 50 MILES OF THE PROJECT SITE.
 - B. ALL TREE PLANTING AREAS SHALL BE FURNISHED WITH MIN 36" OF AMENDED PLANTING SOIL 2X THE DIAMETER OF ROOT BALL.
 - C. ALL DISTURBED AREAS SHALL BE SEEDED, SODDED OR PLANTED AS NOTED AS INDICATED ON THE PLANS.
 - D. ALL PLANTING AND TREES SHALL BE SPECIMEN QUALITIES, UNSHEARED, NATURAL FORM TO MEET AMERICAN STANDARD FOR NURSERY STOCK (ANSI Z60.1).
8. RAINWATER CISTERN: PROVIDE ALLOWANCE FOR RAIN WATER CISTERN. CISTERN TO CAPTURE WATER FROM BIORETENTION AREAS AND ROOF DRAINS WITH CAPACITY OF APPROXIMATELY 10,000 GALLON. PROVIDE PUMP, DRAIN TIE-IN AND ELECTRICAL CONNECTION AS REQUIRED, AND TIE INTO IRRIGATION SYSTEM. FINAL DESIGN TO BE DETERMINED.

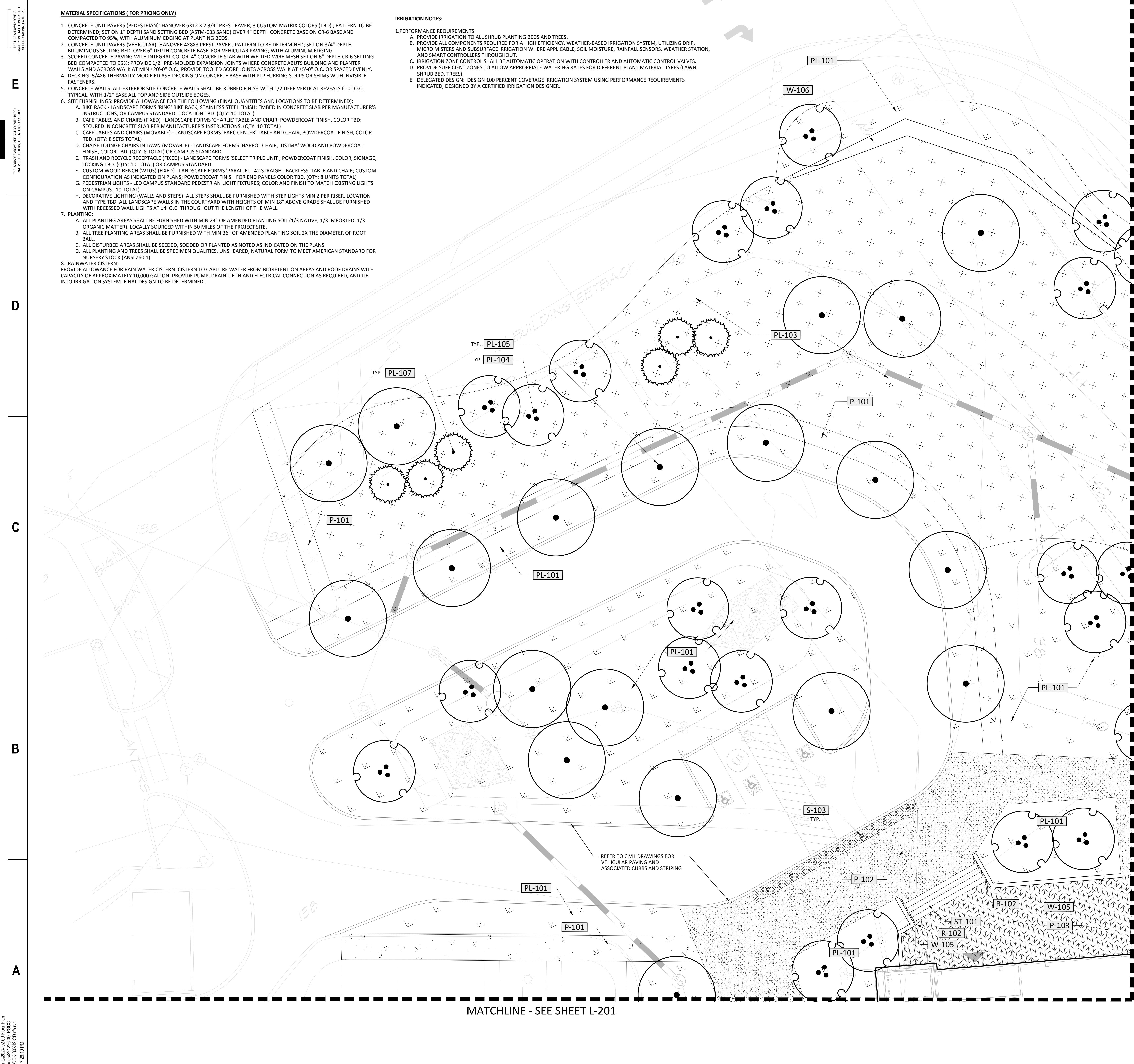
IRRIGATION NOTES:

1. PERFORMANCE REQUIREMENTS
 - A. PROVIDE IRRIGATION TO ALL SHRUB PLANTING BEDS AND TREES.
 - B. PROVIDE ALL COMPONENTS REQUIRED FOR A HIGH EFFICIENCY, WEATHER-BASED IRRIGATION SYSTEM, UTILIZING DRIP MICRO MISTERS AND SUBSURFACE IRRIGATION WHERE APPLICABLE, SOIL MOISTURE, RAINFALL SENSORS, WEATHER STATION, AND SMART CONTROLLERS THROUGHOUT.
 - C. IRRIGATION ZONE CONTROL SHALL BE AUTOMATIC OPERATION WITH CONTROLLER AND AUTOMATIC CONTROL VALVES.
 - D. PROVIDE SUFFICIENT ZONES TO ALLOW APPROPRIATE WATERING RATES FOR DIFFERENT PLANT MATERIAL TYPES (LAWN, SHRUB BED, TREES).
 - E. DELEGATED DESIGN: DESIGN 100 PERCENT COVERAGE IRRIGATION SYSTEM USING PERFORMANCE REQUIREMENTS INDICATED, DESIGNED BY A CERTIFIED IRRIGATION DESIGNER.

REFERENCE NOTES SCHEDULE

SYMBOL	DESCRIPTION
DR-101	RAINWATER CISTERN - SEE SPEC NOTES
K-101	LOCALLY SOURCED SMOOTH RIVER STONE, 2"-5" SIZE, 8" DEPTH OVER FILTER FABRIC WITH METAL EDGING
K-102	LOCALLY SOURCED SMOOTH RIVER STONE, 6"-9" SIZE, 12" DEPTH OVER FILTER FABRIC WITH METAL EDGING
K-103	NATURAL STONE BOULDER SEATWALLS AND STEPPERS
P-101	SCORED CONCRETE PAVING
P-102	SCORED CONCRETE PAVING WITH INTEGRAL COLOR AND EXPOSED AGGREGATE
P-103	CONCRETE UNIT PAVERS
P-104	THERMALLY MODIFIED WOOD DECKING WITH DECK STRUCTURE AND DRAINAGE STONE BELOW
P-105	CRUSHED LOCAL STONE WITH BINDER
P-106	CONCRETE UNIT PAVERS ON PEDESTALS
PL-101	PLANTING BED TO INCLUDE MIX OF SHRUBS, ORNAMENTAL GRASSES, AND GROUNDCOVER. PROVIDE FULL IRRIGATION PER NOTES.
PL-102	INTENSIVE GREEN ROOF ASSEMBLY, MINIMUM 3" DEPTH LIGHTWEIGHT SOIL, MIX OF SHRUBS, ORNAMENTAL GRASSES, AND GROUND COVER
PL-103	LOW-MOW AREA - MAINTENANCE PROGRAM TO BE DISCUSSED WITH CLIENT
PL-104	ORNAMENTAL TREE - SIZE VARIES 10'-14"
PL-105	SHADE TREE - 4" CAL
PL-106	SPECIMEN TREE - 8" CAL
PL-107	EVERGREEN TREE
R-101	FRAMELESS GLASS RAIL, 42" HT.
R-102	METAL HANDRAIL WITH HIGH PERFORMANCE COATING TO MATCH ARCHITECTURAL RAILS
S-101	CUSTOM BENCH SEATING INTEGRATED WITH DECK, THERMALLY MODIFIED WOOD
S-102	CUSTOM LOUNGER INTEGRATED WITH DECK, THERMALLY MODIFIED WOOD
S-103	LIGHTED BOLLARDS BY LANDSCAPE FORMS OR EQUAL
S-104	CHALKBOARD, 6' HT. INTEGRATED WITH DECK, THERMALLY MODIFIED WOOD FRAME
ST-101	PRECAST CONCRETE STAIR TREADS WITH CIP CONCRETE FOUNDATION
W-101	CORTEN STEEL PLANTER WALL, 2" WIDE TURNED EDGE AT TOP OF PLANTER, ANTI-RUST COATING
W-102	CORTEN STEEL CHEEK WALL, ANTI-RUST COATING
W-103	PRECAST CONCRETE WALL, DECORATIVE FINISH, WITH STAINLESS STEEL SCUPPER
W-104	CAST-IN-PLACE CONCRETE RETAINING WALL
W-105	PRECAST CONCRETE RETAINING WALL WITH DECORATIVE FINISH
W-106	MONUMENT SIGN
WF-101	STORMWATER COLLECTION WATER FEATURE, PRECAST CONCRETE WALLS WITH DECORATIVE FINISH

MATCHLINE - SEE SHEET L-203

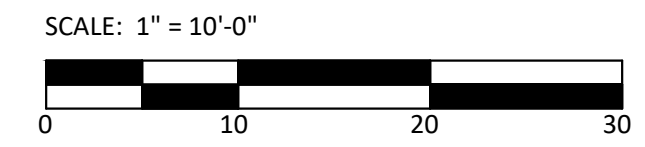


MATCHLINE - SEE SHEET L-201

REFER TO CIVIL DRAWINGS FOR VEHICULAR PAVING AND ASSOCIATED CURBS AND STRIPING

PLANTING KEY

- 53,772 SF OF PLANTING
- 62 - SHADE TREES
- 54 - ORNAMENTAL TREES
- 35 - EVERGREEN TREES
- 1 - SPECIMEN TREE



ARCHITECT
HORD COPLAN MACTH, INC.
 700 E PRATT ST, SUITE 1200
 BALTIMORE, MD 21202
 410.837.7311

CIVIL ENGINEER
BM CONSULTING ENGINEERS, LLC
 3300 CLIPPER HILL ROAD
 SUITE 201
 867.210.4718

LANDSCAPE ARCHITECT
HORD COPLAN MACTH, INC.
 700 E PRATT ST, SUITE 1200
 BALTIMORE, MD 21202
 410.837.7311

INTERIOR DESIGNER
MOVA DESIGN PARTNERS
 1208 15TH STREET NW
 WASHINGTON, DC 20005
 202.463.0220

STRUCTURAL ENGINEER
CAROL ENGINEERING, INC.
 215 SCHOLING CIRCLE, SUITE 102
 HARTFORD, MD 21001
 410.785.7423

MEP ENGINEER
BALL CONSULTING ENGINEERS, INC.
 814 CORPORATE DRIVE, SUITE 100
 BALTIMORE, MD 21286
 867.774714

THEATER PLANNING
SCHULER SHOOK
 401 PARK AVENUE SOUTH, 10TH FL.
 NEW YORK, NY 10010
 212.420.8801

FOOD SERVICE
PORTER KNOW CONSULTING, INC.
 1872 VILLAGE GREEN, P.O. BOX 4028
 CRISTON, MD 21114
 410.451.3817

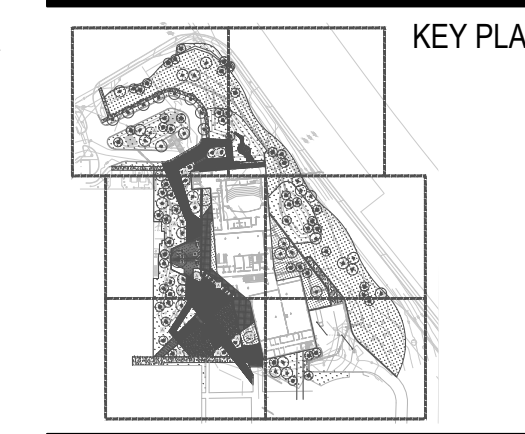
PRINCE GEORGES COMMUNITY COLLEGE
PGCC DUKES STUDENT CENTER
 301 LARGO RD
 LARGO, MD 20774

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ARCHITECTURE
 LANDSCAPE ARCHITECTURE
 PLANNING
 INTERIOR DESIGN

DATE	DESCRIPTION

Project Name: PGCC DUKES STUDENT CENTER
 Project Number: 221226.00
 Sheet Issue Date: 2024.04.12
 Scale: 1" = 10'-0"



Drawing
SITE MATERIALS PLAN

L-200

NOT FOR CONSTRUCTION

SCHEMATIC DESIGN

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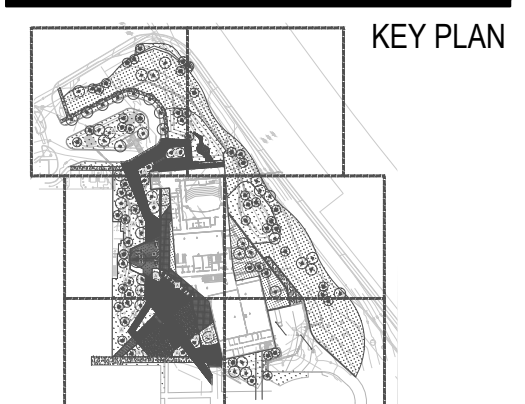
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Project Name: PGCC DUKES STUDENT CENTER

Project Number: 221226.00

Sheet Issue Date: 2024.04.12

Scale:



Drawing
SITE MATERIALS PLAN

L-201

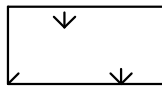
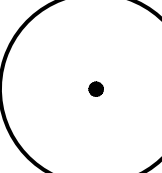

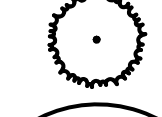
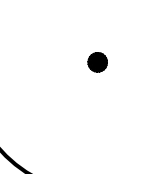
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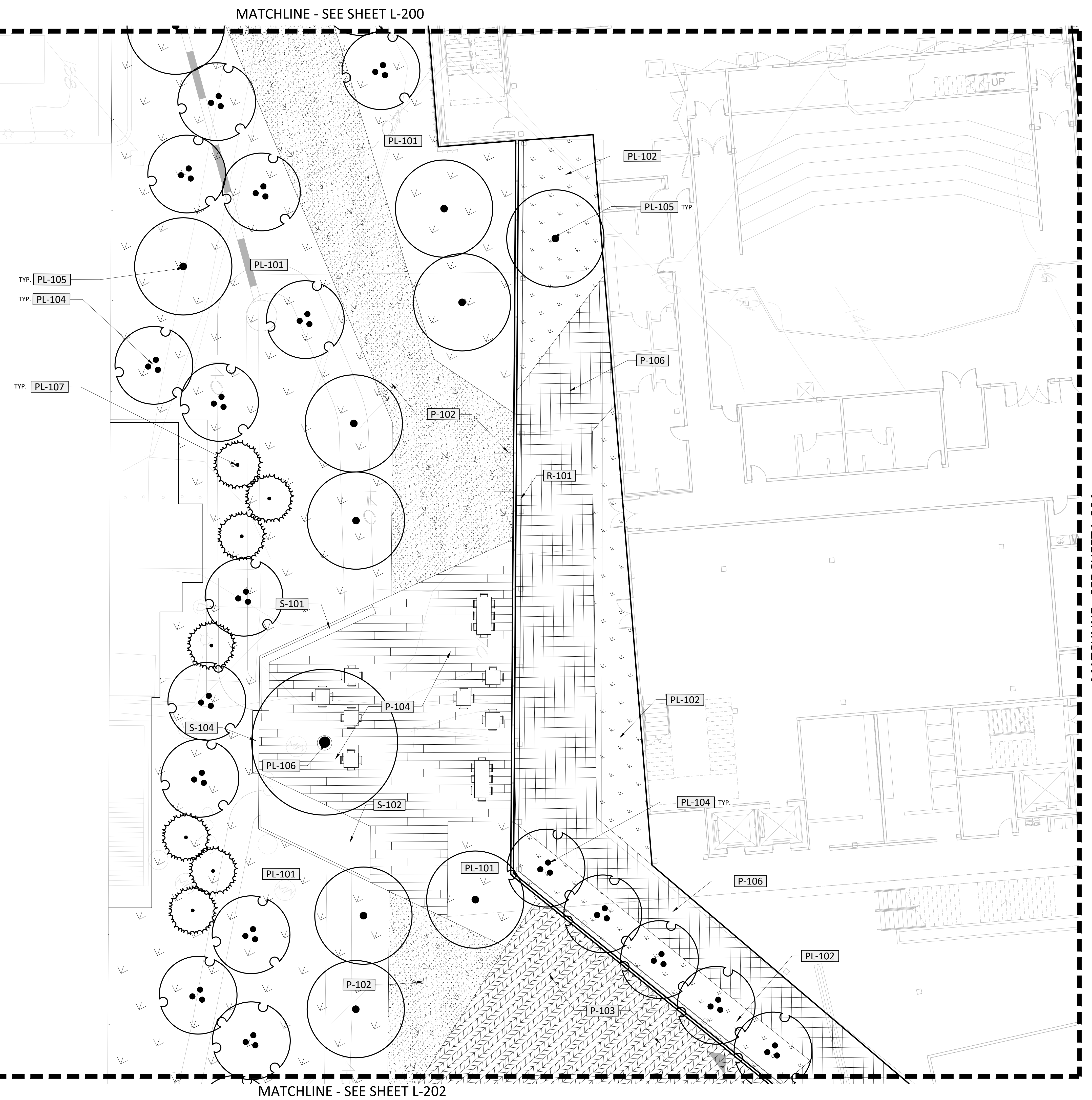
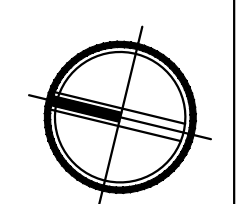
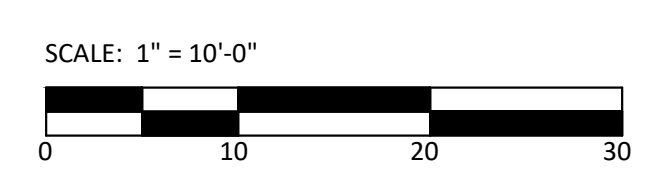
SCHEMATIC DESIGN

REFERENCE NOTES SCHEDULE

SYMBOL	DRAINAGE DESCRIPTION
[DR-101]	RAINWATER CISTERN - SEE SPEC NOTES
SYMBOL	ROCK DESCRIPTION
[K-101]	LOCALLY SOURCED SMOOTH RIVER STONE, 2"-5" SIZE, 8" DEPTH OVER FILTER FABRIC WITH METAL EDGING
[K-102]	LOCALLY SOURCED SMOOTH RIVER STONE, 6"-9" SIZE, 12" DEPTH OVER FILTER FABRIC WITH METAL EDGING
[K-103]	NATURAL STONE BOULDER SEATWALLS AND STEPPERS
SYMBOL	PAVING DESCRIPTION
[P-101]	SCORED CONCRETE PAVING
[P-102]	SCORED CONCRETE PAVING WITH INTEGRAL COLOR AND EXPOSED AGGREGATE
[P-103]	CONCRETE UNIT PAVERS
[P-104]	THERMALLY MODIFIED WOOD DECKING WITH DECK STRUCTURE AND DRAINAGE STONE BELOW
[P-105]	CRUSHED LOCAL STONE WITH BINDER
[P-106]	CONCRETE UNIT PAVERS ON PEDESTALS
SYMBOL	PLANTING DESCRIPTION
[PL-101]	PLANTING BED TO INCLUDE MIX OF SHRUBS, ORNAMENTAL GRASSES, AND GROUNDCOVER. PROVIDE FULL IRRIGATION PER NOTES.
[PL-102]	INTENSIVE GREEN ROOF ASSEMBLY, MINIMUM 3" DEPTH LIGHTWEIGHT SOIL, MIX OF SHRUBS, ORNAMENTAL GRASSES, AND GROUNDCOVER
[PL-103]	LOW-MOW AREA - MAINTENANCE PROGRAM TO BE DISCUSSED WITH CLIENT
[PL-104]	ORNAMENTAL TREE - SIZE VARIES 10'-14'
[PL-105]	SHADE TREE - 4" CAL
[PL-106]	SPECIMEN TREE - 8" CAL
[PL-107]	EVERGREEN TREE
SYMBOL	RAIL DESCRIPTION
[R-101]	FRAMELESS GLASS RAIL, 42" HT.
[R-102]	METAL HANDRAIL WITH HIGH PERFORMANCE COATING TO MATCH ARCHITECTURAL RAILS
SYMBOL	SITE FURNISHINGS DESCRIPTION
[S-101]	CUSTOM BENCH SEATING INTEGRATED WITH DECK, THERMALLY MODIFIED WOOD
[S-102]	CUSTOM LOUNGER INTEGRATED WITH DECK, THERMALLY MODIFIED WOOD
[S-103]	LIGHTED BOLLARDS BY LANDSCAPE FORMS OR EQUAL
[S-104]	CHALKBOARD, 6' HT. INTEGRATED WITH DECK, THERMALLY MODIFIED WOOD FRAME
SYMBOL	STAIRS DESCRIPTION
[ST-101]	PRECAST CONCRETE STAIR TREADS WITH CIP CONCRETE FOUNDATION
SYMBOL	WALLS / CURBS DESCRIPTION
[W-101]	CORTEN STEEL PLANTER WALL, 2" WIDE TURNED EDGE AT TOP OF PLANTER, ANTI-RUST COATING
[W-102]	CORTEN STEEL CHEEK WALL, ANTI-RUST COATING
[W-103]	PRECAST CONCRETE WALL, DECORATIVE FINISH, WITH STAINLESS STEEL SCUPPER
[W-104]	CAST-IN-PLACE CONCRETE RETAINING WALL
[W-105]	PRECAST CONCRETE RETAINING WALL WITH DECORATIVE FINISH
[W-106]	MONUMENT SIGN
SYMBOL	WATER FEATURE DESCRIPTION
[WF-101]	STORMWATER COLLECTION WATER FEATURE, PRECAST CONCRETE WALLS WITH DECORATIVE FINISH

PLANTING KEY

-  53,772 SF OF PLANTING
-  62 - SHADE TREES
-  54 - ORNAMENTAL TREES
-  35 - EVERGREEN TREES
-  1 - SPECIMEN TREE



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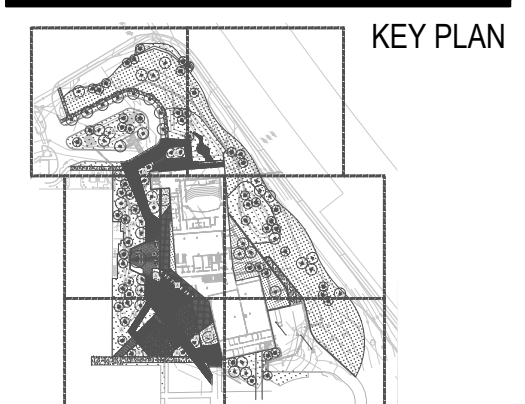
NO.	DATE	DESCRIPTION

Project Name: PGCC DUKES STUDENT CENTER

Project Number: 221226.00

Sheet Issue Date: 2024.04.12

Scale:



Drawing
SITE MATERIALS PLAN

NOT FOR CONSTRUCTION

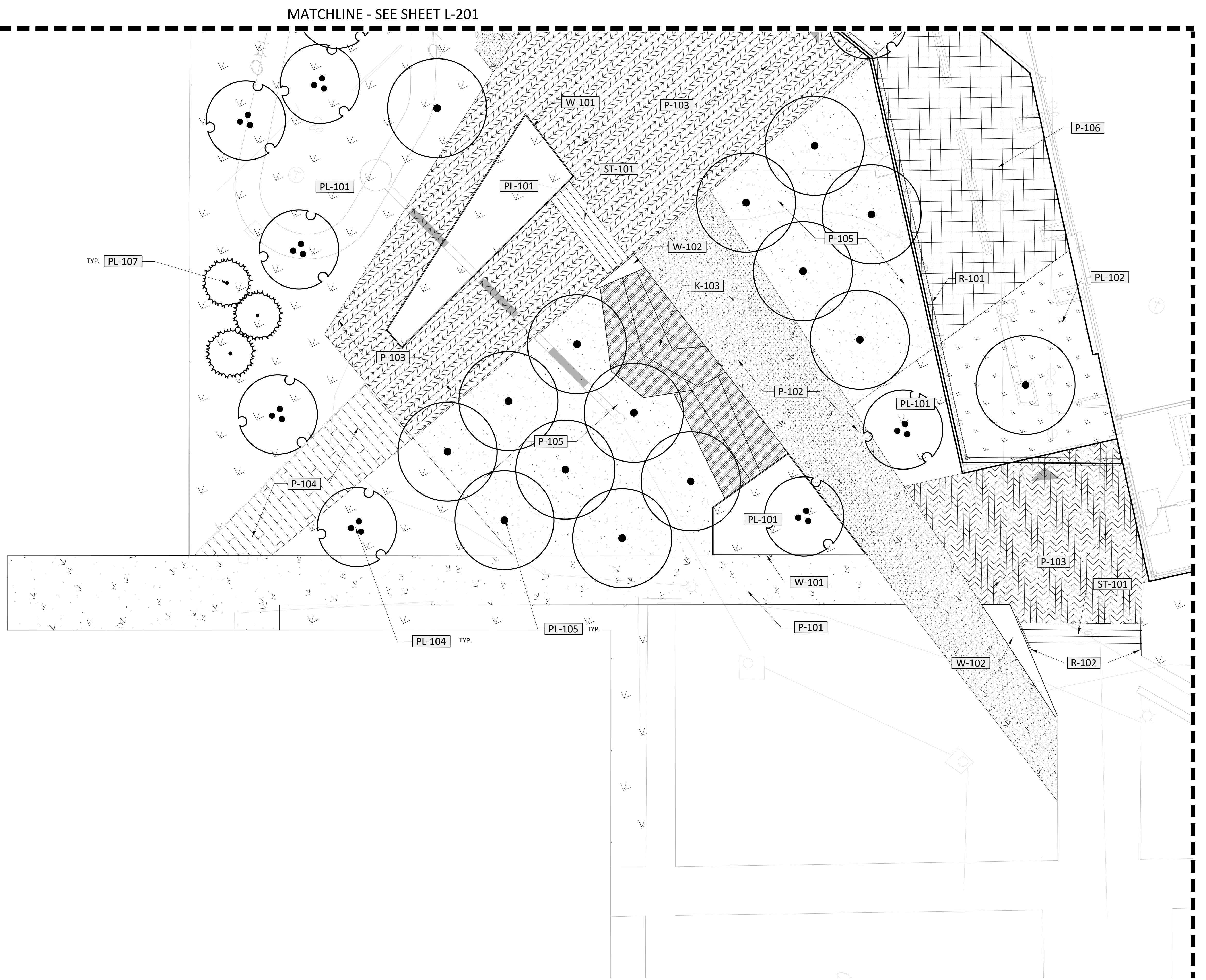
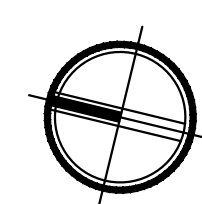
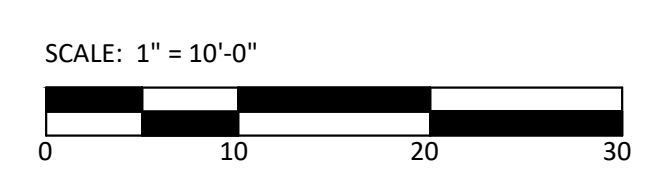
SCHEMATIC DESIGN

REFERENCE NOTES SCHEDULE

SYMBOL	DESCRIPTION
DR-101	RAINWATER CISTERN - SEE SPEC NOTES
SYMBOL	DESCRIPTION
K-101	LOCALLY SOURCED SMOOTH RIVER STONE, 2"-5" SIZE, 8" DEPTH OVER FILTER FABRIC WITH METAL EDGING
K-102	LOCALLY SOURCED SMOOTH RIVER STONE, 6"-9" SIZE, 12" DEPTH OVER FILTER FABRIC WITH METAL EDGING
K-103	NATURAL STONE BOULDER SEATWALLS AND STEPPERS
SYMBOL	DESCRIPTION
P-101	SCORED CONCRETE PAVING
P-102	SCORED CONCRETE PAVING WITH INTEGRAL COLOR AND EXPOSED AGGREGATE
P-103	CONCRETE UNIT PAVERS
P-104	THERMALLY MODIFIED WOOD DECKING WITH DECK STRUCTURE AND DRAINAGE STONE BELOW
P-105	CRUSHED LOCAL STONE WITH BINDER
P-106	CONCRETE UNIT PAVERS ON PEDESTALS
SYMBOL	DESCRIPTION
PL-101	PLANTING BED TO INCLUDE MIX OF SHRUBS, ORNAMENTAL GRASSES, AND GROUNDCOVER. PROVIDE FULL IRRIGATION PER NOTES.
PL-102	INTENSIVE GREEN ROOF ASSEMBLY, MINIMUM 3" DEPTH LIGHTWEIGHT SOIL, MIX OF SHRUBS, ORNAMENTAL GRASSES, AND GROUNDCOVER
PL-103	LOW-MOW AREA - MAINTENANCE PROGRAM TO BE DISCUSSED WITH CLIENT
PL-104	ORNAMENTAL TREE - SIZE VARIES 10'-14'
PL-105	SHADE TREE - 4" CAL
PL-106	SPECIMEN TREE - 8" CAL
PL-107	EVERGREEN TREE
SYMBOL	DESCRIPTION
R-101	FRAMELESS GLASS RAIL, 42" HT.
R-102	METAL HANDRAIL WITH HIGH PERFORMANCE COATING TO MATCH ARCHITECTURAL RAILS
SYMBOL	DESCRIPTION
S-101	CUSTOM BENCH SEATING INTEGRATED WITH DECK, THERMALLY MODIFIED WOOD
S-102	CUSTOM LOUNGER INTEGRATED WITH DECK, THERMALLY MODIFIED WOOD
S-103	LIGHTED BOLLARDS BY LANDSCAPE FORMS OR EQUAL
S-104	CHALKBOARD, 6' HT. INTEGRATED WITH DECK, THERMALLY MODIFIED WOOD FRAME
SYMBOL	DESCRIPTION
ST-101	PRECAST CONCRETE STAIR TREADS WITH CIP CONCRETE FOUNDATION
SYMBOL	DESCRIPTION
W-101	CORTEN STEEL PLANTER WALL, 2" WIDE TURNED EDGE AT TOP OF PLANTER, ANTI-RUST COATING
W-102	CORTEN STEEL CHEEK WALL, ANTI-RUST COATING
W-103	PRECAST CONCRETE WALL, DECORATIVE FINISH, WITH STAINLESS STEEL SCUPPER
W-104	CAST-IN-PLACE CONCRETE RETAINING WALL
W-105	PRECAST CONCRETE RETAINING WALL WITH DECORATIVE FINISH
W-106	MONUMENT SIGN
SYMBOL	DESCRIPTION
WF-101	STORMWATER COLLECTION WATER FEATURE, PRECAST CONCRETE WALLS WITH DECORATIVE FINISH

PLANTING KEY

- 53,772 SF OF PLANTING
- 62 - SHADE TREES
- 54 - ORNAMENTAL TREES
- 35 - EVERGREEN TREES
- 1 - SPECIMEN TREE

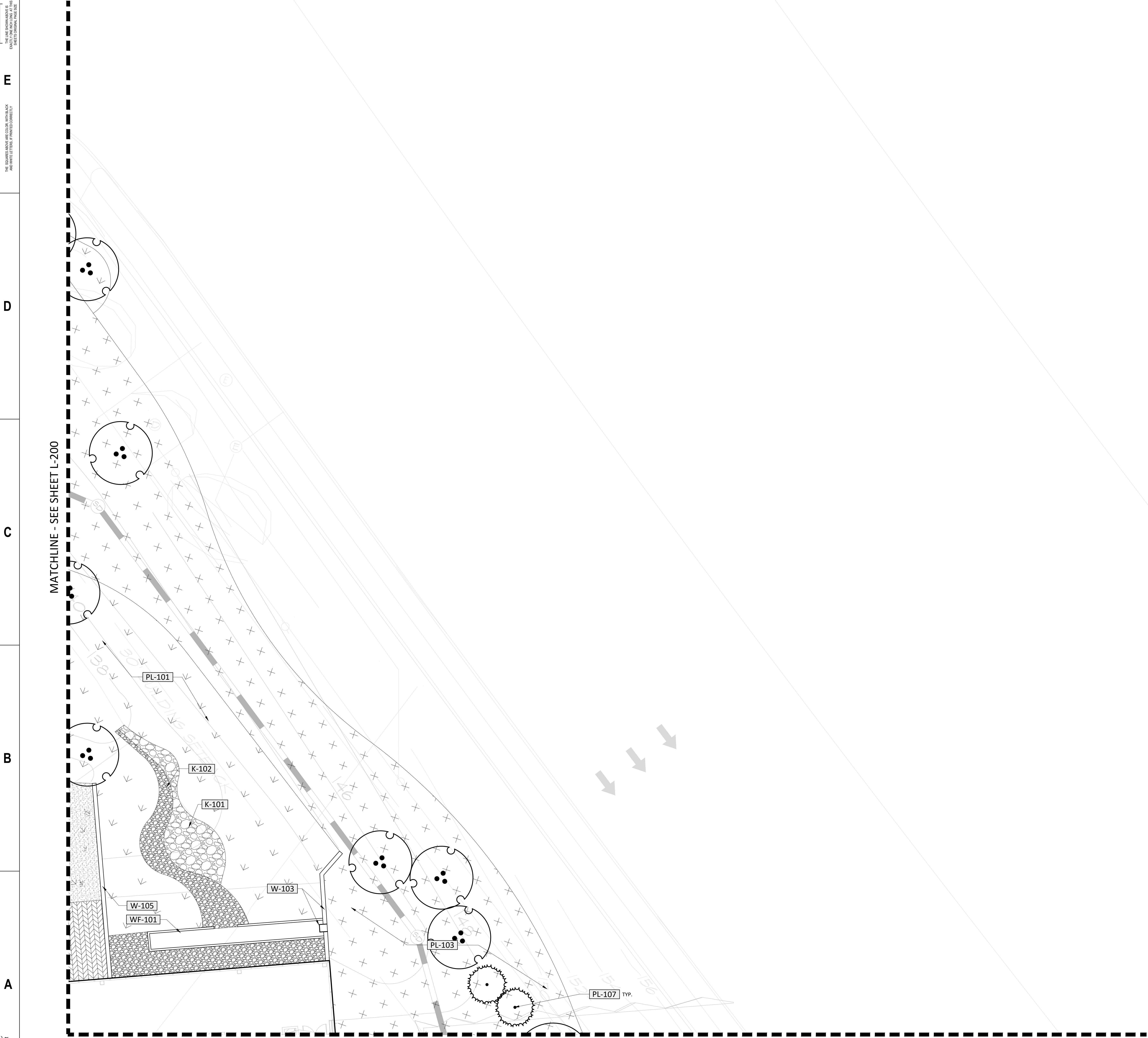


MATCHLINE - SEE SHEET L-201

MATCHLINE - SEE SHEET L-205

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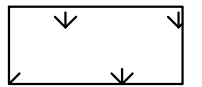
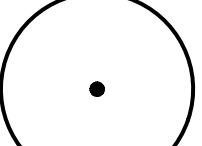
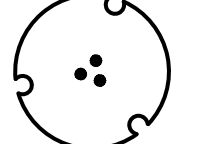
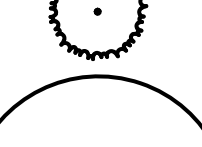
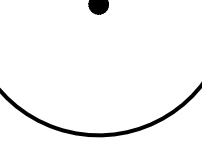
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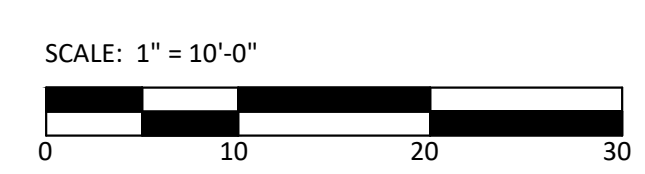
MATCHLINE - SEE SHEET L-204

REFERENCE NOTES SCHEDULE

SYMBOL	DESCRIPTION
DR-101	RAINWATER CISTERN - SEE SPEC NOTES
ROCK	
K-101	LOCALLY SOURCED SMOOTH RIVER STONE, 2"-5" SIZE, 8" DEPTH OVER FILTER FABRIC WITH METAL EDGING
K-102	LOCALLY SOURCED SMOOTH RIVER STONE, 6"-9" SIZE, 12" DEPTH OVER FILTER FABRIC WITH METAL EDGING
K-103	NATURAL STONE BOULDER SEATWALLS AND STEPPERS
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P-101	SCORED CONCRETE PAVING
P-102	SCORED CONCRETE PAVING WITH INTEGRAL COLOR AND EXPOSED AGGREGATE
P-103	CONCRETE UNIT PAVERS
P-104	THERMALLY MODIFIED WOOD DECKING WITH DECK STRUCTURE AND DRAINAGE STONE BELOW
P-105	CRUSHED LOCAL STONE WITH BINDER
P-106	CONCRETE UNIT PAVERS ON PEDESTALS
PLANTING	
PL-101	PLANTING BED TO INCLUDE MIX OF SHRUBS, ORNAMENTAL GRASSES, AND GROUNDCOVER. PROVIDE FULL IRRIGATION PER NOTES.
PL-102	INTENSIVE GREEN ROOF ASSEMBLY, MINIMUM 3" DEPTH LIGHTWEIGHT SOIL, MIX OF SHRUBS, ORNAMENTAL GRASSES, AND GROUNDCOVER
PL-103	LOW-MOW AREA - MAINTENANCE PROGRAM TO BE DISCUSSED WITH CLIENT
PL-104	ORNAMENTAL TREE - SIZE VARIES 10'-14'
PL-105	SHADE TREE - 4" CAL
PL-106	SPECIMEN TREE - 8" CAL
PL-107	EVERGREEN TREE
RAIL	
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R-102	METAL HANDRAIL WITH HIGH PERFORMANCE COATING TO MATCH ARCHITECTURAL RAILS
SITE FURNISHINGS	
S-101	CUSTOM BENCH SEATING INTEGRATED WITH DECK, THERMALLY MODIFIED WOOD
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S-103	LIGHTED BOLLARDS BY LANDSCAPE FORMS OR EQUAL
S-104	CHALKBOARD, 6' HT. INTEGRATED WITH DECK, THERMALLY MODIFIED WOOD FRAME
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ST-101	PRECAST CONCRETE STAIR TREADS WITH CIP CONCRETE FOUNDATION
WALLS / CURBS	
W-101	CORTEN STEEL PLANTER WALL, 2" WIDE TURNED EDGE AT TOP OF PLANTER, ANTI-RUST COATING
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W-105	PRECAST CONCRETE RETAINING WALL WITH DECORATIVE FINISH
W-106	MONUMENT SIGN
WATER FEATURE	
WF-101	STORMWATER COLLECTION WATER FEATURE, PRECAST CONCRETE WALLS WITH DECORATIVE FINISH

PLANTING KEY

-  53,772 SF OF PLANTING
-  62 - SHADE TREES
-  54 - ORNAMENTAL TREES
-  35 - EVERGREEN TREES
-  1 - SPECIMEN TREE



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HORD COPLAN MACTH, INC.
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THEATER PLANNING
SCHULER SHOOK
 407 PARK AVENUE SOUTH, 10TH FL
 NEW YORK, NY 10010
 212.420.8000

FOOD SERVICE
PORTER KNOW CONSULTING, INC.
 1872 VILLAGE GREEN, P.O. BOX 4028
 CRISTON, MD 21114
 410.451.3817

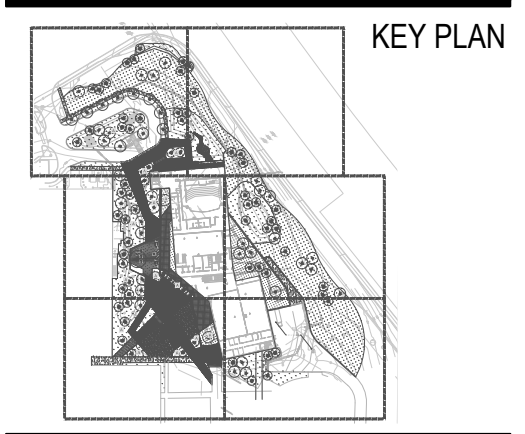
PRINCE GEORGES COMMUNITY COLLEGE
PGCC DUKES STUDENT CENTER
 301 LARGO RD
 LARGO, MD 20774

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ARCHITECTURE
 LANDSCAPE ARCHITECTURE
 PLANNING
 INTERIOR DESIGN

DATE	DESCRIPTION

Project Name: PGCC DUKES STUDENT CENTER
 Project Number: 221226.00
 Sheet Issue Date: 2024.04.12
 Scale: 1" = 10'-0"



Drawing
SITE MATERIALS PLAN

L-203

NOT FOR CONSTRUCTION

SCHEMATIC DESIGN

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MATCHLINE - SEE SHEET L-203

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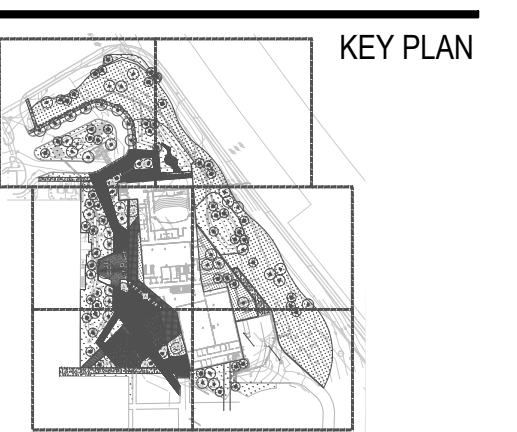
ARCHITECTURE
LANDSCAPE ARCHITECTURE
PLANNING
INTERIOR DESIGN

Project Name: PGCC DUKES STUDENT CENTER

Project Number: 221226.00

Sheet Issue Date: 2024.04.12

Scale:



Drawing
SITE MATERIALS PLAN

L-204

NOT FOR CONSTRUCTION

SCHEMATIC DESIGN

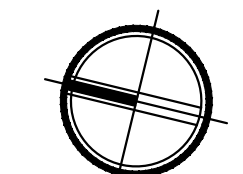
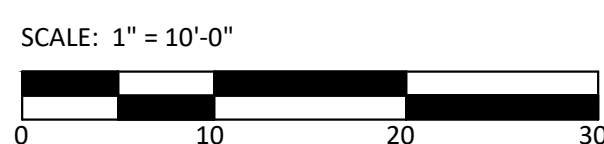
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REFERENCE NOTES SCHEDULE

SYMBOL	DRAINAGE DESCRIPTION
[DR-101]	RAINWATER CISTERN - SEE SPEC NOTES
SYMBOL	ROCK DESCRIPTION
[K-101]	LOCALLY SOURCED SMOOTH RIVER STONE, 2"-5" SIZE, 8" DEPTH OVER FILTER FABRIC WITH METAL EDGING
[K-102]	LOCALLY SOURCED SMOOTH RIVER STONE, 6"-9" SIZE, 12" DEPTH OVER FILTER FABRIC WITH METAL EDGING
[K-103]	NATURAL STONE BOULDER SEATWALLS AND STEPPERS
SYMBOL	PAVING DESCRIPTION
[P-101]	SCORED CONCRETE PAVING
[P-102]	SCORED CONCRETE PAVING WITH INTEGRAL COLOR AND EXPOSED AGGREGATE
[P-103]	CONCRETE UNIT PAVERS
[P-104]	THERMALLY MODIFIED WOOD DECKING WITH DECK STRUCTURE AND DRAINAGE STONE BELOW
[P-105]	CRUSHED LOCAL STONE WITH BINDER
[P-106]	CONCRETE UNIT PAVERS ON PEDESTALS
SYMBOL	PLANTING DESCRIPTION
[PL-101]	PLANTING BED TO INCLUDE MIX OF SHRUBS, ORNAMENTAL GRASSES, AND GROUNDCOVER. PROVIDE FULL IRRIGATION PER NOTES.
[PL-102]	INTENSIVE GREEN ROOF ASSEMBLY, MINIMUM 3" DEPTH LIGHTWEIGHT SOIL, MIX OF SHRUBS, ORNAMENTAL GRASSES, AND GROUNDCOVER
[PL-103]	LOW-MOW AREA - MAINTENANCE PROGRAM TO BE DISCUSSED WITH CLIENT
[PL-104]	ORNAMENTAL TREE - SIZE VARIES 10'-14'
[PL-105]	SHADE TREE - 4" CAL
[PL-106]	SPECIMEN TREE - 8" CAL
[PL-107]	EVERGREEN TREE
SYMBOL	RAIL DESCRIPTION
[R-101]	FRAMELESS GLASS RAIL, 42" HT.
[R-102]	METAL HANDRAIL WITH HIGH PERFORMANCE COATING TO MATCH ARCHITECTURAL RAILS
SYMBOL	SITE FURNISHINGS DESCRIPTION
[S-101]	CUSTOM BENCH SEATING INTEGRATED WITH DECK, THERMALLY MODIFIED WOOD
[S-102]	CUSTOM LOUNGER INTEGRATED WITH DECK, THERMALLY MODIFIED WOOD
[S-103]	LIGHTED BOLLARDS BY LANDSCAPE FORMS OR EQUAL
[S-104]	CHALKBOARD, 6' HT. INTEGRATED WITH DECK, THERMALLY MODIFIED WOOD FRAME
SYMBOL	STAIRS DESCRIPTION
[ST-101]	PRECAST CONCRETE STAIR TREADS WITH CIP CONCRETE FOUNDATION
SYMBOL	WALLS / CURBS DESCRIPTION
[W-101]	CORTEN STEEL PLANTER WALL, 2" WIDE TURNED EDGE AT TOP OF PLANTER, ANTI-RUST COATING
[W-102]	CORTEN STEEL CHEEK WALL, ANTI-RUST COATING
[W-103]	PRECAST CONCRETE WALL, DECORATIVE FINISH, WITH STAINLESS STEEL SCUPPER
[W-104]	CAST-IN-PLACE CONCRETE RETAINING WALL
[W-105]	PRECAST CONCRETE RETAINING WALL WITH DECORATIVE FINISH
[W-106]	MONUMENT SIGN
SYMBOL	WATER FEATURE DESCRIPTION
[WF-101]	STORMWATER COLLECTION WATER FEATURE, PRECAST CONCRETE WALLS WITH DECORATIVE FINISH

PLANTING KEY

- 53,772 SF OF PLANTING
- 62 - SHADE TREES
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- 35 - EVERGREEN TREES
- 1 - SPECIMEN TREE



MATCHLINE - SEE SHEET L-201

MATCHLINE - SEE SHEET L-205

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0:22:26 AM PGCC Dukes Student Center/07
Background/2024.04.12.09 Floor Plan
Consultant/2024.04.12.09 PGCC
Background/2024.04.12.09 PGCC
Background/2024.04.12.09 PGCC
2024.04.12.09 PM

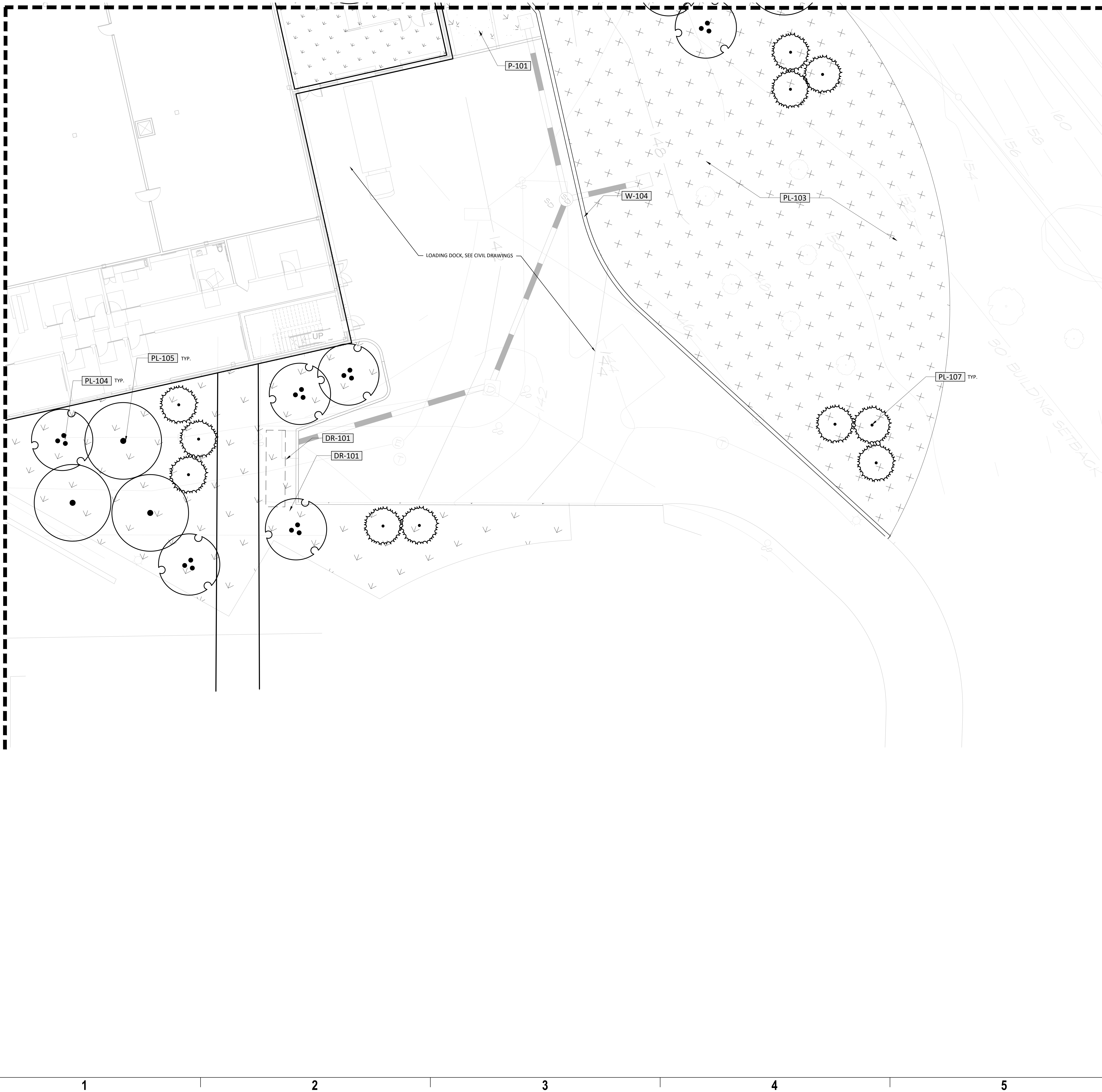
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2024.04.12

MATCHLINE - SEE SHEET L-204

MATCHLINE - SEE SHEET L-202

E
D
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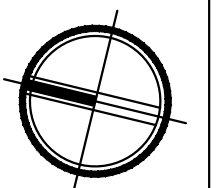


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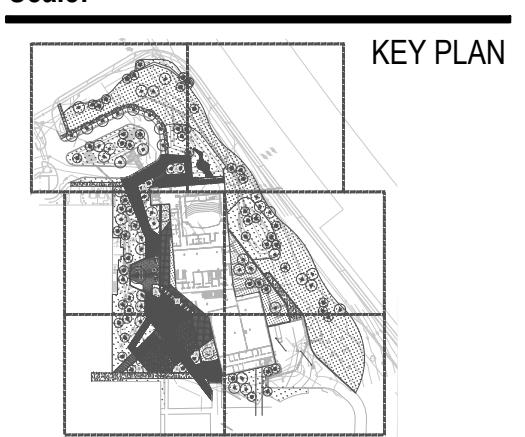
PRINCE GEORGES COMMUNITY COLLEGE
PGCC DUKES STUDENT CENTER
 301 LARGO RD
 LARGO, MD 20774

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ARCHITECTURE
LANDSCAPE ARCHITECTURE
PLANNING
INTERIOR DESIGN

DATE	DESCRIPTION

Project Name: PGCC DUKES STUDENT CENTER
 Project Number: 221226.00
 Sheet Issue Date: 2024.04.12
 Scale:



Drawing
SITE MATERIALS PLAN

L-205
 NOT FOR CONSTRUCTION
 SCHEMATIC DESIGN

0:22:26:30 PGCC Dukes Student Center
 2024.04.12 12:00:00 PGCC
 2024.04.12 12:00:00 PGCC
 2024.04.12 12:00:00 PGCC

DESIGN CRITERIA:

Table with 2 columns: AREA, LIVE LOAD. Lists areas like SLAB ON GRADE, PUBLIC AREAS, CLASSROOMS, etc. and corresponding live load values in PSF.

Table with 2 columns: SNOW LOADING IS BASED ON THE FOLLOWING, INCLUDING PROVISIONS FOR DRIFTING SNOW. Lists parameters like GROUND SNOW LOAD, RISK CATEGORY, EXPOSURE CATEGORY, etc.

Table with 2 columns: WIND LOADING IS BASED ON THE FOLLOWING. Lists parameters like ULTIMATE DESIGN WIND SPEED, NOMINAL DESIGN WIND SPEED, RISK CATEGORY, etc.

COMPONENTS & CLADDING ULTIMATE DESIGN PRESSURES, (10 SQ FT TRIBUTARY AREA): ROOF ZONE 1: +16/-38 PSF, WALL ZONE 2: +16/-63 PSF, etc.

IT IS THE RESPONSIBILITY OF THE COMPONENT & CLADDING ENGINEER TO CALCULATE WIND LOADS FOR COMPONENTS AND CLADDING BASED ON EACH COMPONENT'S TRIBUTARY AREA AND LOCATION ON THE BUILDING.

Table with 2 columns: SEISMIC LOADING IS BASED ON THE FOLLOWING. Lists parameters like MAPPED SPECTRAL RESPONSE ACCELERATION, RISK CATEGORY, IMPORTANCE FACTOR, etc.

Table with 2 columns: LATERAL EARTH PRESSURES ON RETAINING WALLS ARE BASED ON THE FOLLOWING. Lists parameters like EQUIVALENT AT-REST FLUID PRESSURE, EQUIVALENT ACTIVE FLUID PRESSURE, etc.

- 7. SLABS ON GRADE HAVE BEEN DESIGNED USING A MODULUS OF SUBGRADE REACTION (k) OF 100 PCF.
8. DESIGN REACTIONS AND SUPPORT DETAILS FOR ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING EQUIPMENT IS BASED UPON AVAILABLE MANUFACTURER INFORMATION. SUPPORT CONDITIONS MAY NEED TO BE REVISED BASED UPON ACTUAL SUPPLIED EQUIPMENT AND SUPPORT DETAILS.

Table with 2 columns: CRITERION, WALKING / RHYTHMIC/ELECTRONIC OFFICE. Lists criteria like OCCUPANCY, ACCELERATION LIMIT, DAMPING RATIO.

SUBMITTALS:

- 1. BEFORE SUBMISSION OF SHOP DRAWINGS, THE CONTRACTOR SHALL HAVE DETERMINED AND VERIFIED ALL QUANTITIES, DIMENSIONS, SPECIFIED PERFORMANCE CRITERIA, INSTALLATION REQUIREMENTS, MATERIALS, CATALOG NUMBERS AND SIMILAR DATA AND SHALL HAVE COORDINATED EACH SHOP DRAWING WITH OTHER SHOP DRAWINGS AND THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.

EXISTING CONSTRUCTION:

- 1. ALL MEMBER SIZES, DIMENSIONS AND ELEVATIONS OF EXISTING STRUCTURES SHOWN ON THE DRAWINGS ARE OBTAINED FROM AVAILABLE SOURCES, AND ARE NOT GUARANTEED TO BE TRUE AND EXACT. THE CONTRACTOR SHALL VERIFY THESE MEMBER SIZES, DIMENSIONS AND ELEVATIONS BY ACTUAL FIELD MEASUREMENTS PRIOR TO FABRICATION OF ANY MATERIALS AND START OF WORK, AND REPORT ANY DISCREPANCIES TO THE ARCHITECT/ENGINEER.

LINTELS:

- 1. PROVIDE LINTELS OVER ALL PENETRATIONS IN MASONRY WALLS AT DOORS, WINDOWS, MECHANICAL AND ELECTRICAL SERVICES AND EQUIPMENT, ETC., AND AT LOCATIONS NOT SPECIFICALLY SHOWN ON THE DRAWINGS, IN ACCORDANCE WITH THE LINTEL SCHEDULE.
2. LINTELS IN INTERIOR, NON-LOAD BEARING CONCRETE MASONRY WALLS SHALL BE PRECAST CONCRETE TO MATCH THE TEXTURE, APPEARANCE AND THICKNESS OF THE WALLS OR PARTITIONS IN WHICH THEY ARE PLACED.

- 1. ALL SPREAD FOOTINGS SHALL BEAR ON UNDISTURBED SOIL OR CONTROLLED STRUCTURAL FILL, HAVING A MINIMUM ALLOWABLE SOIL BEARING CAPACITY OF XXX PSF. ALL SPREAD FOOTINGS SHALL PROJECT AT LEAST 1'-0" INTO SOIL HAVING SUCH MINIMUM BEARING VALUE.
2. FINAL DESIGN AND CONSTRUCTION SHALL BE SUBJECT TO GEOTECHNICAL ENGINEER, APPROVED BY THE ARCHITECT/ENGINEER AND PAID FOR BY THE OWNER, TO VERIFY SOIL BEARING CAPACITY AT EACH FOOTING PRIOR TO INSTALLATION.

FOUNDATION CONCRETE:

- 1. ALL CONCRETE SHALL CONFORM TO THE PROVISIONS OF ACI BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318-LATEST EDITION) AND ACI SPECIFICATIONS FOR STRUCTURAL CONCRETE IN BUILDINGS, (ACI 301-LATEST EDITION).
2. ALL FOUNDATION CONCRETE SHALL BE IN ACCORDANCE WITH THE FOLLOWING:
STRUCTURAL ELEMENT fc@28 DAYS DRY WEIGHT MAX W/C AGGREGATE SIZE AIR CONTENT

REINFORCEMENT:

- 1. ALL DEVELOPMENT AND SPLICES OF REINFORCEMENT SHALL CONFORM TO THE PROVISIONS OF ACI BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE, (ACI 318-LATEST EDITION), ALL REINFORCEMENT SPLICES SHALL BE TENSION LAP SPLICES, (TSL), UNLESS NOTED OTHERWISE.
2. REINFORCING STEEL SHALL BE DEFORMED BARS OF INTERMEDIATE GRADE NEW BILLET STEEL CONFORMING TO CURRENT REQUIREMENTS OF ASTM A615, GRADE 60, UNLESS NOTED OTHERWISE.

CONCRETE MASONRY:

- 1. CONCRETE MASONRY SHALL CONFORM TO THE BUILDING CODE REQUIREMENTS AND SPECIFICATION FOR MASONRY STRUCTURE, (TMS 402/602 - LATEST EDITION).
2. CONCRETE MASONRY SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF MASONRY, fm = 2,000 PSI.
3. CONCRETE MASONRY UNITS (CMU) SHALL CONFORM TO THE REQUIREMENTS OF THE MOST RECENT EDITIONS OF THE FOLLOWING STANDARDS:

STRUCTURAL STEEL:

- 1. ALL STRUCTURAL STEEL SHALL CONFORM TO THE LATEST EDITIONS OF AISC SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS, SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH-STRENGTH BOLTS, AND THE CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES.
2. STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING DESIGNATIONS, UNO:
W & WT SHAPES ASTM A992
M & S SHAPES ASTM A36

- 19. STRUCTURAL STEEL SHALL BE INSPECTED IN THE FIELD BY AN INDEPENDENT TESTING AGENCY APPROVED BY THE ARCHITECT/ENGINEER AND PAID FOR BY THE OWNER.
20. SHOP DRAWINGS SHOWING ALL PLANS, SECTIONS, AND DETAILS NECESSARY FOR THE PROPER PLACEMENT AND CONNECTION OF ALL STRUCTURAL STEEL, SHEAR STUDS, STEEL JOISTS, AND JOIST GIRDERS SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER FOR REVIEW AND COMMENT PRIOR TO FABRICATION AND ERECTION.

METAL DECKING:

- 1. METAL DECK SHALL CONFORM TO THE AISI (AMERICAN IRON AND STEEL INSTITUTE) SPECIFICATIONS FOR THE DESIGN OF LIGHT GAUGE COLD-FORMED STRUCTURAL STEEL MEMBERS AND SD) CODE OF RECOMMENDED STANDARD PRACTICE.
2. METAL DECKING SHALL CONFORM TO THE FOLLOWING DESIGNATIONS. SEE DRAWINGS FOR DECK TYPE, DEPTH, GAUGE, AND FINISH.

CONCRETE SUPPORTED BY METAL DECK:

Table with 7 columns: STRUCTURAL ELEMENT, fc@28 DAYS, DRY WEIGHT, MAX W/C, AGGREGATE SIZE, AIR CONTENT. Lists elements like LIGHTWEIGHT SLABS, NORMAL WEIGHT SLABS, STAIRS & LANDINGS, etc.

STEEL STAIRS /LADDERS:

- 1. STAIR SUPPLIER SHALL DESIGN AND INCORPORATE ALL COMPONENTS OF STAIR FRAMING INCLUDING HANDRAIL AND GUARDRAIL SYSTEMS TO SUPPORT THE FOLLOWING DESIGN LEVEL LOADS.
STAIRS: 100 PSF UNIFORM OR 300 LBS CONCENTRATED LOAD AT CENTER TREAD OR AT ANY POINT ON LANDING.

LIGHT GAUGE STEEL FRAMING (STRUCTURAL FRAMING DELEGATED DESIGN):

- 1. LIGHT GAUGE STEEL FRAMING SHALL CONFORM TO THE AISI (AMERICAN IRON AND STEEL INSTITUTE) NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS AND CODE OF STANDARD PRACTICE FOR COLD-FORMED STEEL STRUCTURAL FRAMING.
2. SUBMIT TO THE ARCHITECT/ENGINEER FOR REVIEW, PRIOR TO FABRICATION, COMPLETE DELEGATED DESIGN INCLUDING CALCULATIONS AND SHOP DRAWINGS OF ALL LIGHT GAUGE FRAMING ELEMENTS, SHOP DRAWINGS SHALL INCLUDE COMPLETE SECTION PROPERTIES OF MEMBERS, CONNECTION DETAILS, BRIDGING STEEL, TYPE, LOCATION, AND ERECTION PLANS. SHOP DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF MARYLAND.

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hord coplan macht
ARCHITECTURE
LANDSCAPE ARCHITECTURE
PLANNING
INTERIOR DESIGN

Table with 2 columns: DATE, DESCRIPTION. Multiple empty rows for project notes.

Project Name: PGCC DUKES STUDENT CENTER
Project Number: 221226.00
Sheet Issue Date: 2024.04.12
Scale: N.T.S.

Drawing
GENERAL NOTES

S-001

NOT FOR CONSTRUCTION
SCHEMATIC DESIGN

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ALL DIMENSIONS
EXCEPT FOR FINISHING AT THIS
SCALE TO BE SHOWN ON FACE

E

THE DIMENSIONS OF THIS DRAWING
AND THESE LETTERS PRINTED CORRECTLY

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Autodesk Docs/221226 PGCC Dukes Student
Center PGCC Student Center Blant/Rent
4/12/2024 11:59:20 AM



FOUNDATION / FIRST FLOOR PLAN
1/16" = 1'-0"

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3011 LARGO RD
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LANDSCAPE ARCHITECTURE
PLANNING
INTERIOR DESIGN

DATE	DESCRIPTION

Project Name:
PGCC DUKES STUDENT CENTER
Project Number: 221226.00
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Drawing
FOUNDATION / FIRST FLOOR PLAN

S-101

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SECOND FLOOR FRAMING PLAN
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Drawing
SECOND FLOOR
FRAMING PLAN

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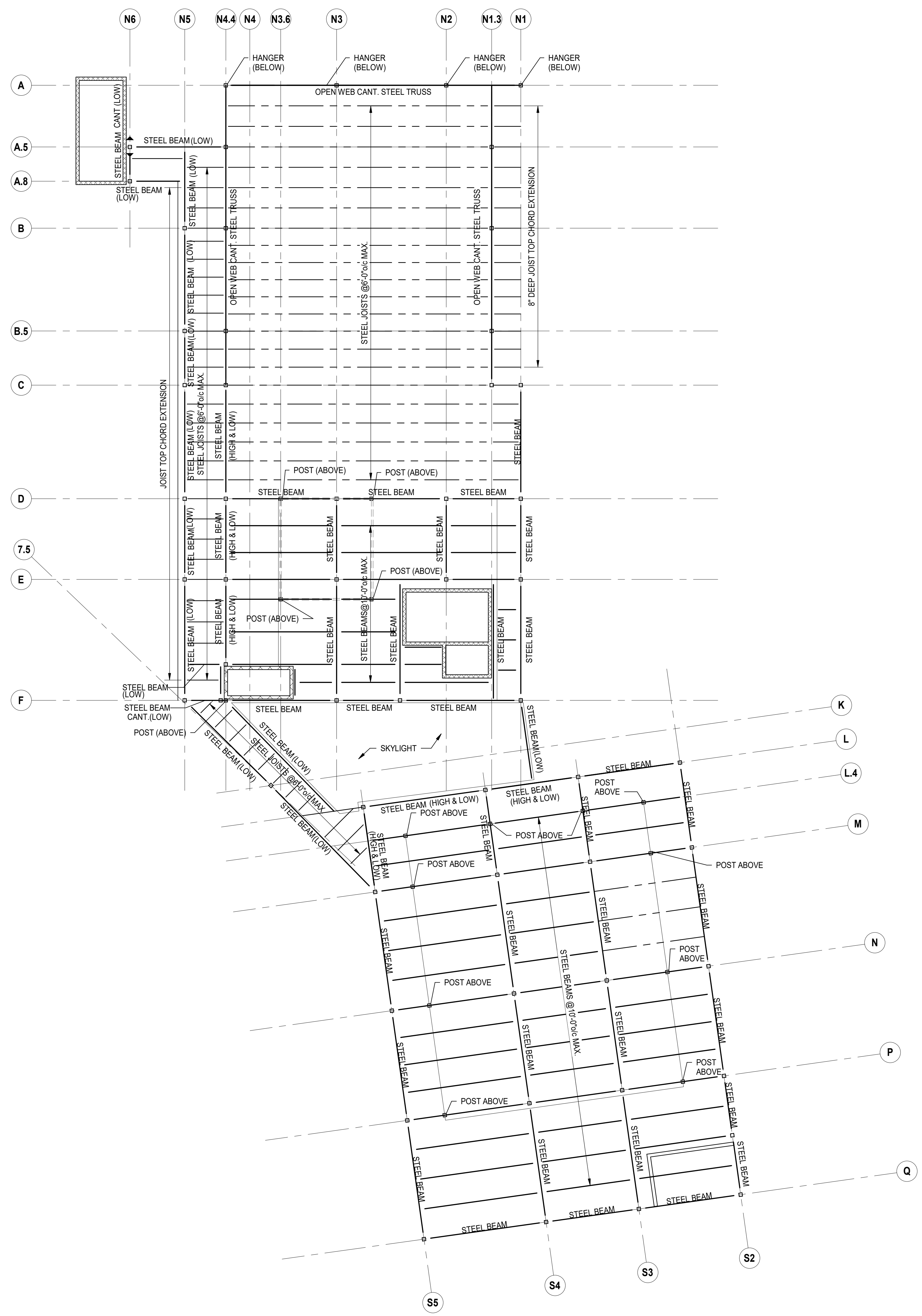


THIRD FLOOR FRAMING PLAN
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ROOF FRAMING PLAN
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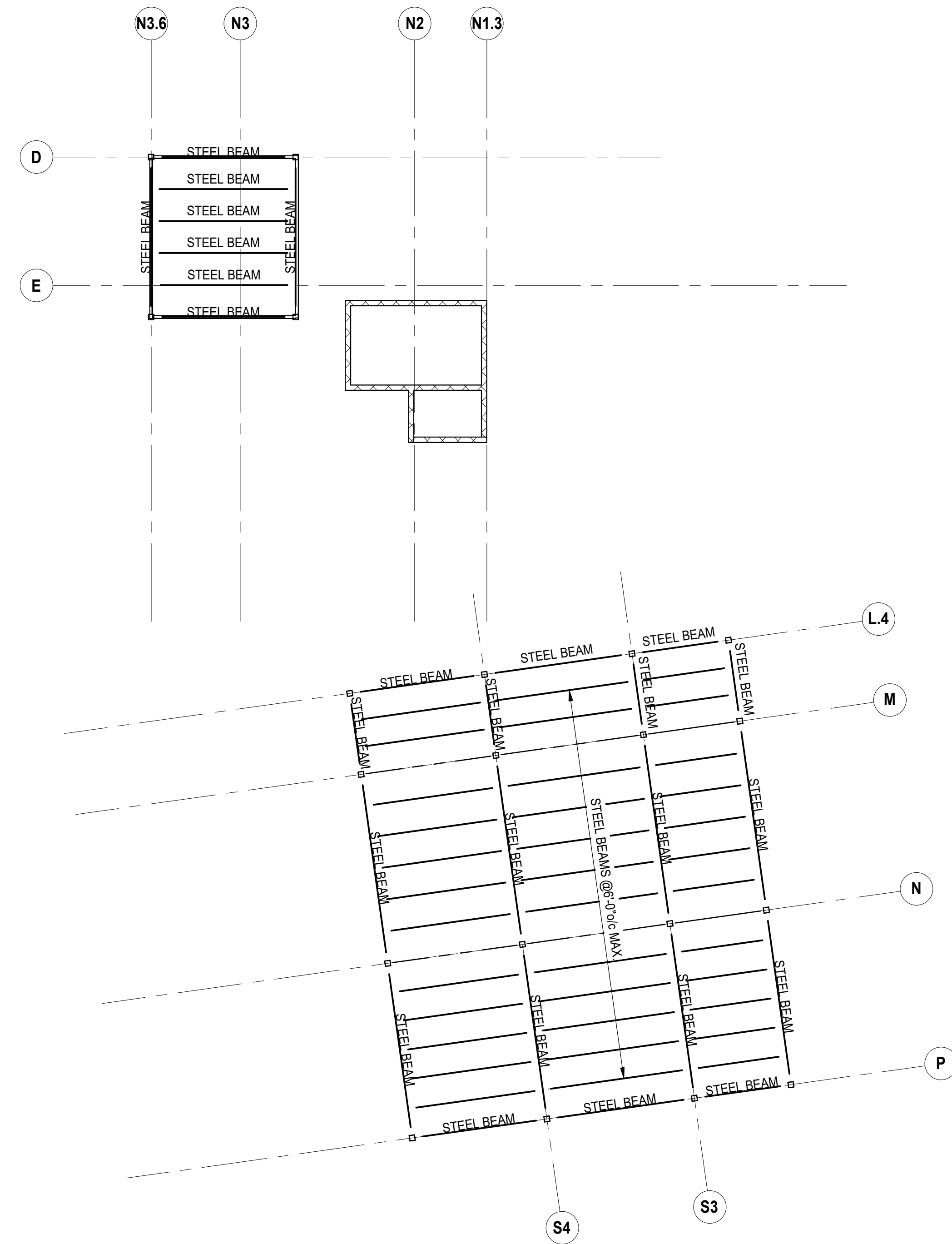
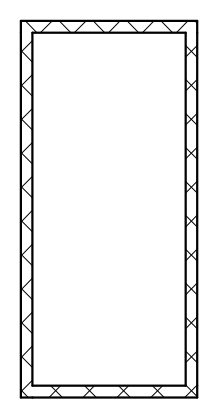
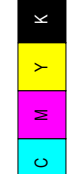
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Drawing
ROOF FRAMING PLAN

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DATE	DESCRIPTION

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Drawing
MECHANICAL
PENTHOUSE FRAMING
PLAN

S-105

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LEGEND - EQUIPMENT PLANS

PLAN CALLOUTS
VIEW NUMBER
SHEET NUMBER

MATCHLINE
REFER TO DRAWING REFERENCED, FOR ITEMS ON REFERENCE SIDE OF MATCHLINE
SHEET NUMBER

BUILDING ELEMENTS
EXISTING PARTITION TO REMAIN
TEMPORARY PARTITION
PARTITION
FURNISHING ITEM - SHOWN FOR REFERENCE ONLY - REFER TO FURNISHING PLANS
EQUIPMENT ITEM - SCHEDULE MARK (ITEM TYPE)
EQUIPMENT ITEM (SHADED) - REFER TO SPECIFICATIONS

GENERAL NOTES - EQUIP. PLANS

- DIMENSIONS TO FACE OF PARTITIONS ARE TO FACE OF SUBSTRATE LAYER AS SHOWN IN PARTITION TYPES ON A0.11. FINISHES DEPICTED IN FINISH PLANS AND ELEVATIONS ARE NOT SHOWN ON PARTIAL FLOOR PLANS. REFER TO ENLARGED PLANS, ELEVATIONS, AND DETAILS.
-

LEGEND - RCP'S

SECTIONS
VIEW NUMBER
SHEET NUMBER

PLAN CALLOUTS
VIEW NUMBER
SHEET NUMBER

MATCHLINE
REFER TO DRAWING REFERENCED, FOR ITEMS ON REFERENCE SIDE OF MATCHLINE
SHEET NUMBER

BUILDING ELEMENTS
EXISTING PARTITION TO REMAIN
TEMPORARY PARTITION
PARTITION
DOOR (SWING SHOWN FOR FIXTURE COORDINATION)
HEIGHT ABOVE LEVEL (NOT FINISH FLOOR)
CEILING TYPE
MATERIAL FINISH
RETURN AIR GRILLE (DIAGONAL HATCH - SYMBOL SHAPES WILL VARY)
SUPPLY AIR GRILLE (CROSSHATCH - SYMBOL SHAPES WILL VARY)
LIGHT FIXTURE (SHADED - SYMBOL SHAPES WILL VARY)
EMERGENCY LIGHT FIXTURE (SHADED - SYMBOL SHAPES WILL VARY)
EXIT SIGN - TWO FILLED QUADRANTS INDICATE TWO SIDED SIGN (HATCHED AREAS INDICATE DIRECTIONS SIGN IS VISIBLE FROM)

GENERAL NOTES - PARTIAL RCP'S

- DIMENSIONS TO FACE OF PARTITIONS ARE TO FACE OF SUBSTRATE LAYER AS SHOWN IN PARTITION TYPES ON A0.11. FINISHES DEPICTED IN FINISH PLANS AND ELEVATIONS ARE NOT SHOWN ON PARTIAL FLOOR PLANS. REFER TO ENLARGED PLANS, ELEVATIONS, AND DETAILS.

LEGEND - FINISH PLANS

MILLWORK ELEVATIONS
VIEW NUMBER
SHEET NUMBER

SECTIONS
VIEW NUMBER
SHEET NUMBER

PLAN CALLOUTS
VIEW NUMBER
SHEET NUMBER

MATCHLINE
REFER TO DRAWING REFERENCED, FOR ITEMS ON REFERENCE SIDE OF MATCHLINE
SHEET NUMBER

BUILDING ELEMENTS
EXISTING PARTITION TO REMAIN
TEMPORARY PARTITION
PARTITION
WALL AND BASE FINISH MARKERS
WALL PROTECTION - REFER TO SPECIFICATIONS
WHERE "LINE" TYPE IS USED, FINISH AND BASE TERMINATE AT "DIAGONAL" LINE ENDS
WHERE NO LINES EXIST, FINISH AND BASE TYPICAL ON ALL WALLS IN ROOM, EXCEPT WHERE "LINE" TYPE SHOWN
CORNER GUARD - REFER TO SPECIFICATIONS
CORNER GUARD (WALL END STYLE) - REFER TO SPECIFICATIONS
FFE ITEM - SCHEDULE MARK (ITEM TYPE)
FFE ITEM (SHADED) - REFER TO SPECIFICATIONS

GENERAL NOTES - FINISH PLANS

- DIMENSIONS TO FACE OF PARTITIONS ARE TO FACE OF SUBSTRATE LAYER AS SHOWN IN PARTITION TYPES ON A0.11. FINISHES DEPICTED IN FINISH PLANS AND ELEVATIONS ARE NOT SHOWN ON PARTIAL FLOOR PLANS. REFER TO ENLARGED PLANS, ELEVATIONS, AND DETAILS.

LEGEND - PARTIAL FLOOR PLANS

INTERIOR ELEVATIONS
VIEW NUMBER
SHEET NUMBER

SECTIONS
VIEW NUMBER
SHEET NUMBER

PLAN CALLOUTS
VIEW NUMBER
SHEET NUMBER

MATCHLINE
REFER TO DRAWING REFERENCED, FOR ITEMS ON REFERENCE SIDE OF MATCHLINE
SHEET NUMBER

BUILDING ELEMENTS
EXISTING PARTITION TO REMAIN
TEMPORARY PARTITION
PARTITION
PARTITION TAG - REFER TO A-011 AND A-012 FOR MORE INFORMATION
DOOR TAG (SHOWS DOOR NUMBER); REFER TO DOOR SCHEDULE
SLAB
EXISTING SLAB TO REMAIN

GENERAL NOTES - FLOOR PLANS

- DIMENSIONS TO FACE OF PARTITIONS ARE TO FACE OF SUBSTRATE LAYER AS SHOWN IN PARTITION TYPES ON A0.11. FINISHES DEPICTED IN FINISH PLANS AND ELEVATIONS ARE NOT SHOWN ON PARTIAL FLOOR PLANS. REFER TO ENLARGED PLANS, ELEVATIONS, AND DETAILS.

LEGEND - SITE PLANS

BUILDING ELEMENTS
EXISTING PARTITION TO REMAIN
TEMPORARY PARTITION
PARTITION

ELEVATION (MAY BE RELATIVE TO PROJECT BENCHMARK OR OTHER DATUM - REFER TO GENERAL NOTES)

COORDINATES AT POINT (MAY BE RELATIVE TO PROJECT BENCHMARK OR OTHER DATUM - REFER TO GENERAL NOTES)

PROPERTY LINE LENGTH (IF TAGGED)
PROPERTY LINE BEARING (IF TAGGED)
PROPERTY LINES (TAGS MAY BE SHOWN FOR REFERENCE ONLY - REFER TO CIVIL DRAWINGS AND SURVEY FOR PROPERTY INFORMATION)

PROPERTY LINE LENGTH (IF TAGGED)
PROPERTY LINE BEARING (IF TAGGED)
PROPERTY LINES (TAGS MAY BE SHOWN FOR REFERENCE ONLY - REFER TO CIVIL DRAWINGS AND SURVEY FOR PROPERTY INFORMATION)

ASSUMED PROPERTY LINE
PARKING SPACES (ONE PER DIAGONAL LINE)
PARKING ROW COUNT

GENERAL NOTES - SITE PLANS

- xxx

LEGEND - ELEVATIONS

MILLWORK SECTIONS
VIEW NUMBER
SHEET NUMBER

BUILDING ELEMENTS
MATERIAL FINISH TAG - REFER TO MATERIAL FINISH SCHEDULE AND SPECIFICATIONS
SOLID SURFACE MATERIAL (IF TAGGED)
HANDICAP ACCESSIBLE COMPONENT (HATCHED AREA) - REFER TO SCHEDULE AND DETAILS
MILLWORK COMPONENT - REFER TO SCHEDULE AND DETAILS
MILLWORK COMPONENT - TYPE NAME (ITEM TYPE SPECIFICS)
MILLWORK COMPONENT - SCHEDULE MARK (ITEM TYPE OVERALL)

GENERAL NOTES - ELEVATIONS

- LIGHT FIXTURES, AIR TERMINALS, GRILLES, ELECTRICAL FIXTURES, OUTLETS, DATA RECEPTACLES, AUDIO/VIDEO CONNECTIONS AND MEDICAL GAS FIXTURES SHOWN ARE FOR ARCHITECTURAL COORDINATION AND DIMENSIONAL CONTROL ONLY. REF. MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS AND SPECIFICATIONS.
- NOT ALL FIXTURES MAY BE SHOWN ON ARCHITECTURAL ELEVATIONS
-

LEGEND - FURNITURE PLANS

PLAN CALLOUTS
VIEW NUMBER
SHEET NUMBER

MATCHLINE
REFER TO DRAWING REFERENCED, FOR ITEMS ON REFERENCE SIDE OF MATCHLINE
SHEET NUMBER

BUILDING ELEMENTS
EXISTING PARTITION TO REMAIN
TEMPORARY PARTITION
PARTITION
FURNISHING ITEM - REFER TO SPECIFICATIONS
FURNISHING ITEM - SCHEDULE MARK (ITEM TYPE)

GENERAL NOTES - FURN PLANS

- DIMENSIONS TO FACE OF PARTITIONS ARE TO FACE OF SUBSTRATE LAYER AS SHOWN IN PARTITION TYPES ON A0.11. FINISHES DEPICTED IN FINISH PLANS AND ELEVATIONS ARE NOT SHOWN ON PARTIAL FLOOR PLANS. REFER TO ENLARGED PLANS, ELEVATIONS, AND DETAILS.
-

LEGEND - FLOOR PATTERN PLANS

SECTIONS
VIEW NUMBER
SHEET NUMBER

PLAN CALLOUTS
VIEW NUMBER
SHEET NUMBER

MATCHLINE
REFER TO DRAWING REFERENCED, FOR ITEMS ON REFERENCE SIDE OF MATCHLINE
SHEET NUMBER

BUILDING ELEMENTS
EXISTING PARTITION TO REMAIN
TEMPORARY PARTITION
PARTITION
FLOOR FINISH MATERIAL TAG (MATERIAL DESIGNATED AT LEADER END)
EDGE OF FLOOR FINISH MATERIAL BOUNDARY
FLOOR FINISH MATERIAL TAG (MATERIAL DESIGNATED AT BODY OF TAG)
DIMENSIONS TO EDGES OF FLOOR FINISH MATERIAL BOUNDARIES

GENERAL NOTES - FLOOR PAT PLANS

- DIMENSIONS TO FACE OF PARTITIONS ARE TO FACE OF SUBSTRATE LAYER AS SHOWN IN PARTITION TYPES ON A0.11. FINISHES DEPICTED IN FINISH PLANS AND ELEVATIONS ARE NOT SHOWN ON PARTIAL FLOOR PLANS. REFER TO ENLARGED PLANS, ELEVATIONS, AND DETAILS.
- FLOOR FINISH TRANSITIONS EXIST AT ALL INTERSECTIONS OF DISSIMILAR FINISHES. REFER TO TRANSITION DETAILS FOR APPLICABLE TRANSITIONS BASED ON FINISHES PRESENT ON EACH SIDE OF INTERSECTION.

LEGEND - ROOF PLANS

WALL/ROOF SECTION OR SECTION DETAIL
VIEW NUMBER
SHEET NUMBER

PLAN CALLOUTS
VIEW NUMBER
SHEET NUMBER

MATCHLINE
REFER TO DRAWING REFERENCED, FOR ITEMS ON REFERENCE SIDE OF MATCHLINE
SHEET NUMBER

BUILDING ELEMENTS
EXISTING PARTITION TO REMAIN
TEMPORARY PARTITION
PARTITION
MARKER (LEADER)
ELEVATION AT MARKER
MINIMUM REQUIRED SLOPE - THIS RIDGE OR VALLEY (PARALLEL TO ARROW HEAD)
MINIMUM REQUIRED SLOPE (PLANE OF ROOF ENCLOSING TAIL OF ARROW)
TAPERED INSULATION (CRICKET) UNDERNEATH ROOFING SYSTEM (HATCHED AREA)
ROOF WALK MATSPADS
ROOF DRAIN (REFER TO PLUMBING DRAWINGS)
OVERFLOW DRAIN (REFER TO PLUMBING DRAWINGS)
SCUPPER AND DOWNSPOUT (REFER TO PLUMBING DRAWINGS)
SCUPPER (REFER TO PLUMBING DRAWINGS)

GENERAL NOTES - ROOF PLANS

- ITEMS FROM MECHANICAL, PLUMBING, AND ELECTRICAL SCOPES MAY BE SHOWN FOR REFERENCE AND COORDINATION ONLY. REFER TO MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR LOCATIONS OF PIPING, CURBS, VENTS, DUCTS, FANS, AND OTHER ITEMS ON THE ROOF SURFACE
- ALL ROOF FLASHING TO BE IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS AND RECOMMENDATIONS

LEGEND - OVERALL FLOOR PLANS

BUILDING ELEVATIONS
VIEW NUMBER
SHEET NUMBER

BUILDING SECTIONS
VIEW NUMBER
SHEET NUMBER

BUILDING ELEMENTS
EXISTING PARTITION TO REMAIN
TEMPORARY PARTITION
PARTITION

GENERAL NOTES - FLOOR PLANS

- DIMENSIONS TO FACE OF PARTITIONS ARE TO FACE OF SUBSTRATE LAYER AS SHOWN IN PARTITION TYPES ON A0.11. FINISHES DEPICTED IN FINISH PLANS AND ELEVATIONS ARE NOT SHOWN ON OVERALL FLOOR PLANS. REFER TO ENLARGED PLANS, ELEVATIONS, AND DETAILS.
- REFER TO PARTIAL PLANS FOR MORE INFORMATION. OVERALL PLANS ARE INTENDED TO PROVIDE CONTEXT FOR PARTIAL PLANS.

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A1 ARCHITECTURAL SITE PLAN- OVERALL
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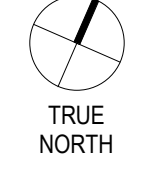
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OVERALL
ARCHITECTURAL SITE
PLAN

AS101

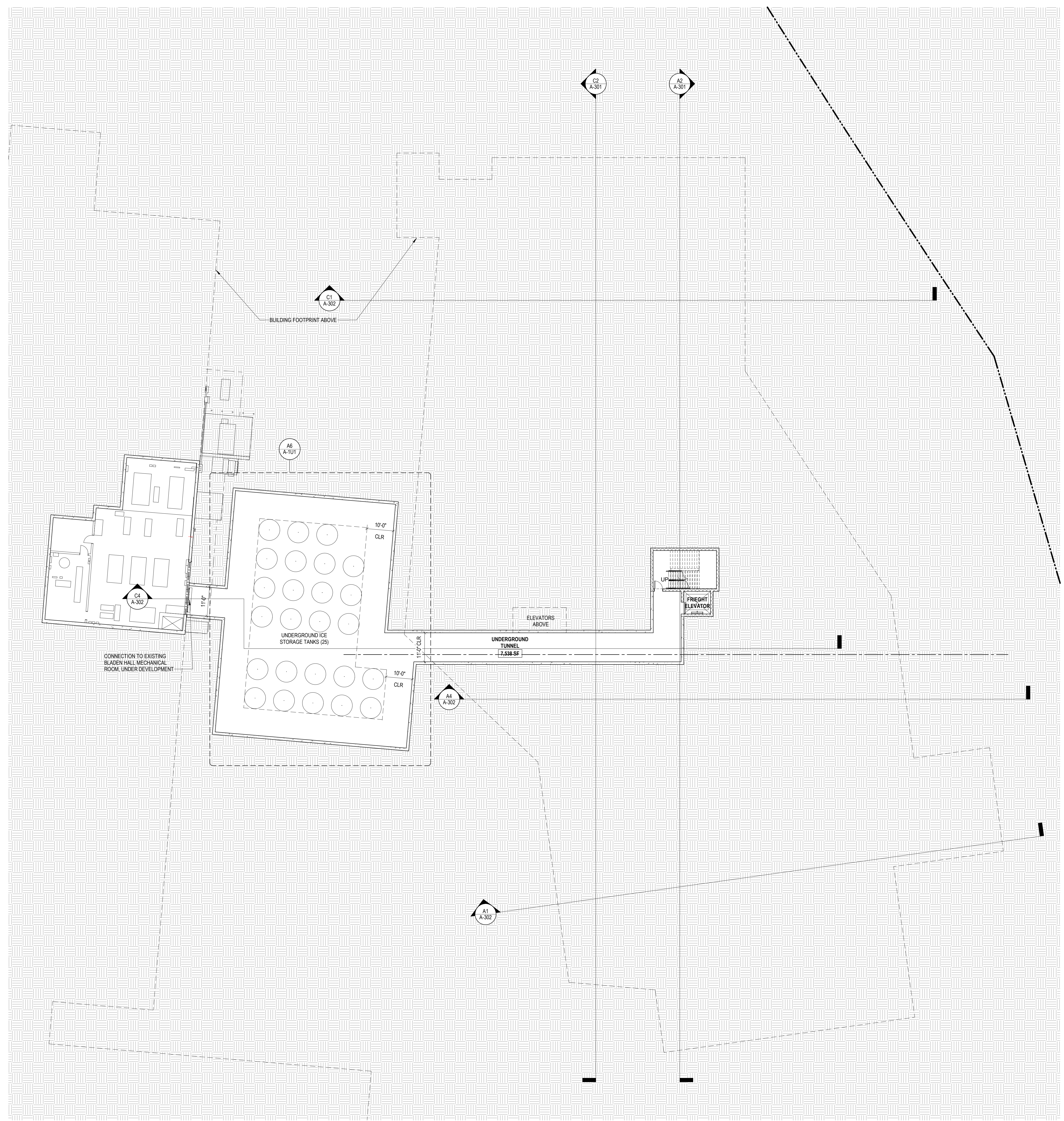
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FLOOR PLAN GENERAL NOTES

1. REFER TO FINISH PLANS FOR INTERIOR ELEVATION CALLOUTS, ENLARGED PLAN CALLOUTS AND FLOOR FINISH PATTERNS.
2. REFER TO FINISH PLANS FOR VISUAL DISPLAY UNIT TYPES, SIZES, AND LOCATIONS.
3. REFER TO FLOOR DIMENSION PLANS FOR PARTITION IDENTIFICATION AND DIMENSIONS.
4. PROVIDE WOOD BLOCKING AT WALL MOUNTED GRAB BARS AND HAND RAILS.
5. PROVIDE STRAP SHEET METAL BLOCKING AT ALL OTHER WALL MOUNTED ACCESSORIES, EQUIPMENT, CASEWORK, ETC.
6. PROVIDE PAINTED ACCESS PANELS IN WALLS & GYPSUM BOARD CEILINGS AT CONCEALED ITEMS (VALVES, CONTROLS, SWITCHES, AND ANY OTHER ITEM THAT REQUIRES ACCESS. COORDINATE LOCATION WITH ARCHITECT PRIOR TO INSTALLATION.
7. AT GANG TOILETS, SINGLE OCCUPANT TOILET ROOMS WITH SHOWERS AND ART CLASSROOMS, SET FLOOR DRAINS IN A 24" HAND TROWELED DEPRESSION WITH DRAIN ASSEMBLY IN CENTER OF DEPRESSION. 1/4" BELOW SURROUNDING TOP OF SLAB ELEVATION. SLOPE FLOOR AT DEPRESSION TO ROOMS SO AS NOT TO HAVE DRAINS DIRECTLY UNDER LEGS OF TOILET PARTITIONS.
8. VERIFY & COORDINATE ALL REQUIREMENTS FOR OWNER FURNISHED ITEMS PRIOR TO PERFORMANCE OF WORK THAT MAY INTERFACE WITH SUCH ITEMS.
9. PROVIDE PAINTED ACCESS PANELS IN WALLS & CEILINGS AT CONCEALED ITEMS, SUCH AS VALVES, CONTROLS, SWITCHES OR ANY OTHER ITEMS THAT REQUIRES ACCESS. GC TO DETERMINE ACCESS PANEL LOCATION W/ ARCHITECT PRIOR TO INSTALLATION.

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CARRIOL ENGINEERING, INC.
 215 SCROLLING CIRCLE, SUITE 102
 HORT HAVEN, MD 21083
 410.765.7403

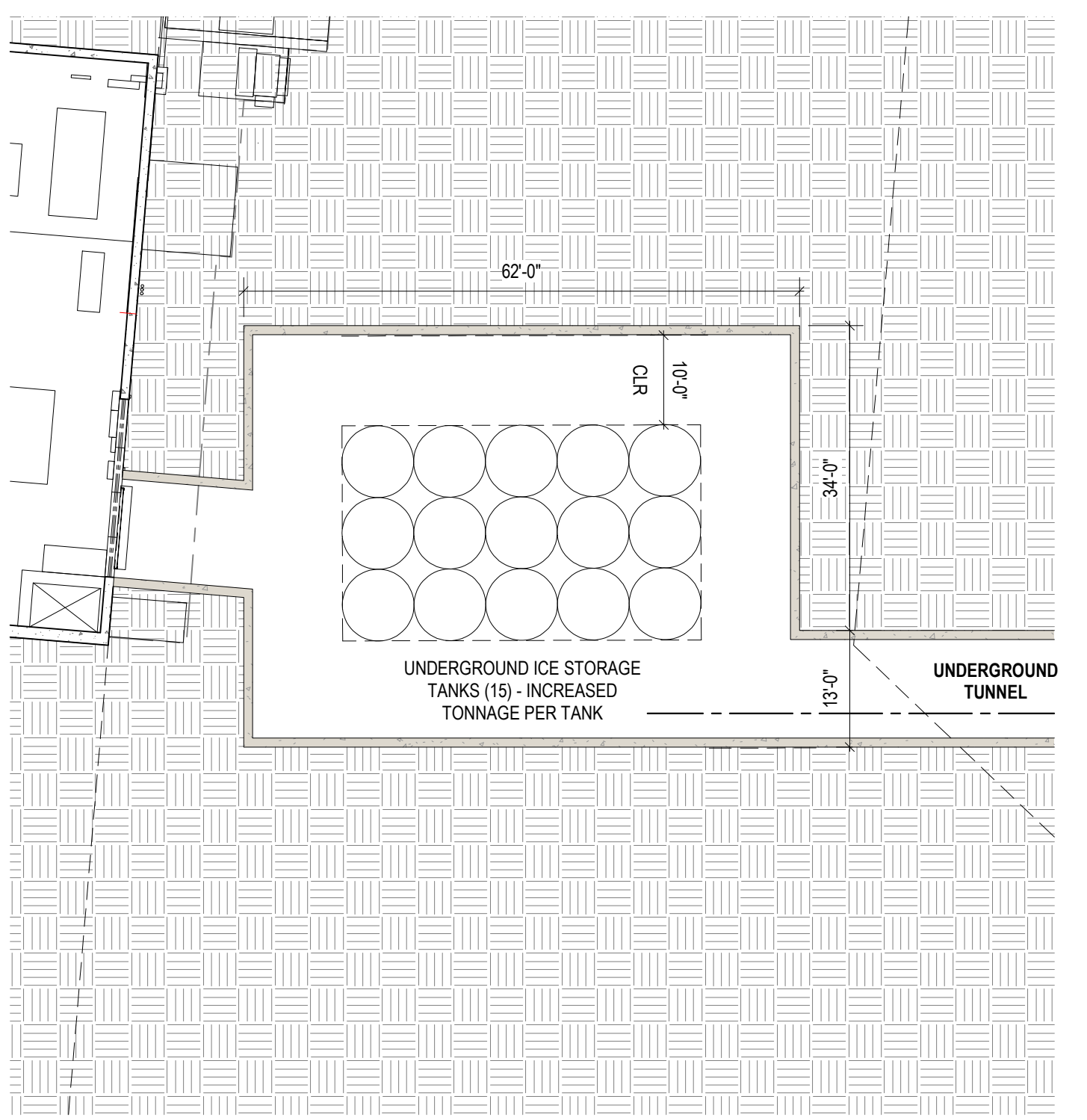
MEP ENGINEER
SALA CONSULTING ENGINEERS, INC.
 8145 CORPORATE DRIVE, SUITE 100
 BALTIMORE, MD 21286
 800.770.8274

THEATER PLANNING
SCHULER SHOOK
 60 PARK AVENUE, 10TH FL
 NEW YORK, NY 10015
 212.478.8900

FOOD SERVICE
PORTER KHOUW CONSULTING, INC.
 1872 VILLAGE GREEN, P.O. BOX 4028
 CROFTON, MD 21114
 410.681.2807

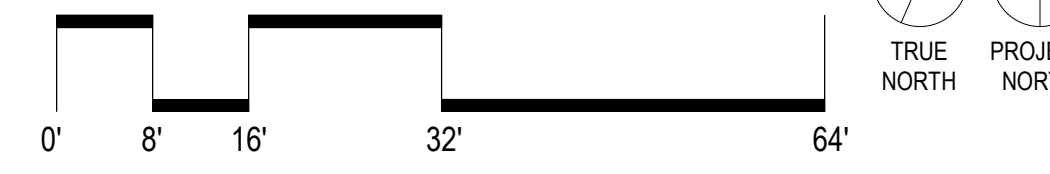
FLOOR PLAN KEYNOTES

NUM.	NOTE
A1	PROVIDE 1-HOUR RATED INTUMESCENT COATING AT COLUMN, TYPICAL AT EXPOSED COLUMNS IN PUBLIC AREAS
A2	RETAINING WALL
A3	PREFINISHED METAL MECHANICAL SCREEN
A4	ATM



A6 DESIGN OPTION - ICE STORAGE ROOM
 A-1U1 1/16" = 1'-0"

A1 FLOOR PLAN-OVERALL- LEVEL U1
 A-1U1 1/16" = 1'-0"



PRINCE GEORGE'S COMMUNITY COLLEGE
PGCC DUKES STUDENT CENTER
 301 LARGO RD
 LARGO, MD 20774

hord coplan macht
 ARCHITECTURE
 LANDSCAPE ARCHITECTURE
 PLANNING
 INTERIOR DESIGN

DATE	DESCRIPTION

Project Name: PGCC DUKES STUDENT CENTER
Project Number: 221226.00
Sheet Issue Date: 2024.04.12
Scale: As indicated

Drawing
 FLOOR PLAN- LEVEL U1

A-1U1

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 Center: 2/21/2024 11:53:45 AM
 4/16/2024 11:53:45 AM

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FLOOR PLAN GENERAL NOTES

- REFER TO FINISH PLANS FOR INTERIOR ELEVATION CALLOUTS, ENLARGED PLAN CALLOUTS AND FLOOR FINISH PATTERNS.
- REFER TO FINISH PLANS FOR VISUAL DISPLAY UNIT TYPES, SIZES, AND LOCATIONS.
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A4	ATM

ARCHITECT
HORD COPLAN MACTH, INC.
 700 E. PRATT ST, SUITE 1200
 BALTIMORE, MD 21202
 410.837.7311

 CIVIL ENGINEER
 MK CONSULTING ENGINEERS, LLC
 3300 CLIPPER MILL ROAD
 SUITE 201
 667.210.2478

 LANDSCAPE ARCHITECT
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 BALTIMORE, MD 21202
 410.837.7311

 INTERIOR DESIGNER
 MOVA DESIGN PARTNERS
 108 W. STREET NE
 WASHINGTON, DC 20008
 202.462.0200

 STRUCTURAL ENGINEER
 CARROLL ENGINEERING, INC.
 215 SCARLETT CIRCLE, SUITE 102
 HORT HAVEN, MD 21081
 410.785.7403

 MEP ENGINEER
 S&A CONSULTING ENGINEERS, INC.
 8140 CORPORATE DRIVE, SUITE 150
 BALTIMORE, MD 21286
 867.718.0214

 THEATER PLANNING
 SCHULER SHOOK
 60 FRANKLIN BLVD. SUITE 107H, 107H PL
 NEW YORK, NY 10013
 212.69.8960

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 1872 VILLAGE GREEN, P.O. BOX 4028
 CRISTON, MD 21114
 410.461.9817

PRINCE GEORGE'S COMMUNITY COLLEGE
PGCC DUKES STUDENT CENTER

 301 LARGO RD
 LARGO, MD 20774

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 ARCHITECTURE
 LANDSCAPE ARCHITECTURE
 PLANNING
 INTERIOR DESIGN

DATE	DESCRIPTION

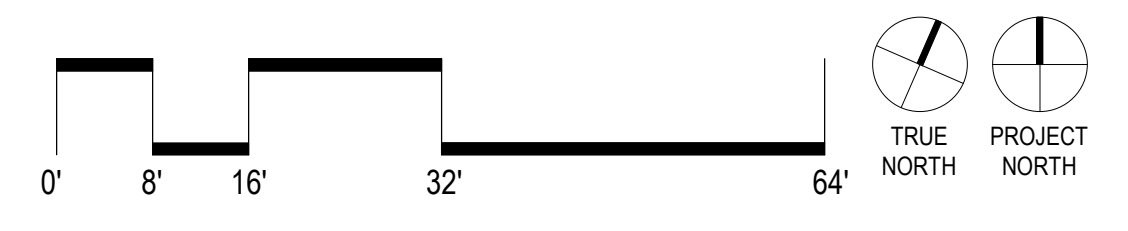
Project Name: PGCC DUKES STUDENT CENTER
Project Number: 221226.00
Sheet Issue Date: 2024.04.12
Scale: As indicated

Drawing
FLOOR PLAN- LEVEL 01

A-101
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SCHEMATIC DESIGN
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A1 FLOOR PLAN-OVERALL- LEVEL 01
 A-101 1/16" = 1'-0"



1 2 3 4 5 6

SEE FINISH SCHEDULE FOR ALL FINISHES
EXCEPT WHERE NOTED OTHERWISE
INDICATED BY LETTERS IN PARENTHESIS

THE SCHEDULED FINISHES SHALL BE
APPLIED TO THE SURFACES OF THE
FLOOR PLAN AS SHOWN

SEE FINISH SCHEDULE FOR ALL FINISHES
EXCEPT WHERE NOTED OTHERWISE
INDICATED BY LETTERS IN PARENTHESIS

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EXCEPT WHERE NOTED OTHERWISE
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ARCHITECT

HORD COPLAN MACTH, INC.
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SUITE 201
867.210.2478

LANDSCAPE ARCHITECT
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INTERIOR DESIGNER
MOYA DESIGN PARTNERS
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WASHINGTON, DC 20036
202.463.0220

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1872 VILLAGE GREEN, P.O. BOX 4028
CRICHTON, MD 21114
410.481.3817

**PRINCE GEORGE'S COMMUNITY COLLEGE
PGCC DUKES STUDENT CENTER**

**301 LARGO RD
LARGO, MD 20774**

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ARCHITECTURE
LANDSCAPE ARCHITECTURE
PLANNING
INTERIOR DESIGN

PROJECT NAME:
PGCC DUKES STUDENT CENTER

PROJECT NUMBER: 221226.00

SHEET ISSUE DATE: 2024.04.12

SCALE: As indicated

KEY PLAN:

DRAWING

**FLOOR PLAN- LEVEL
01- AREA A**

A-101a

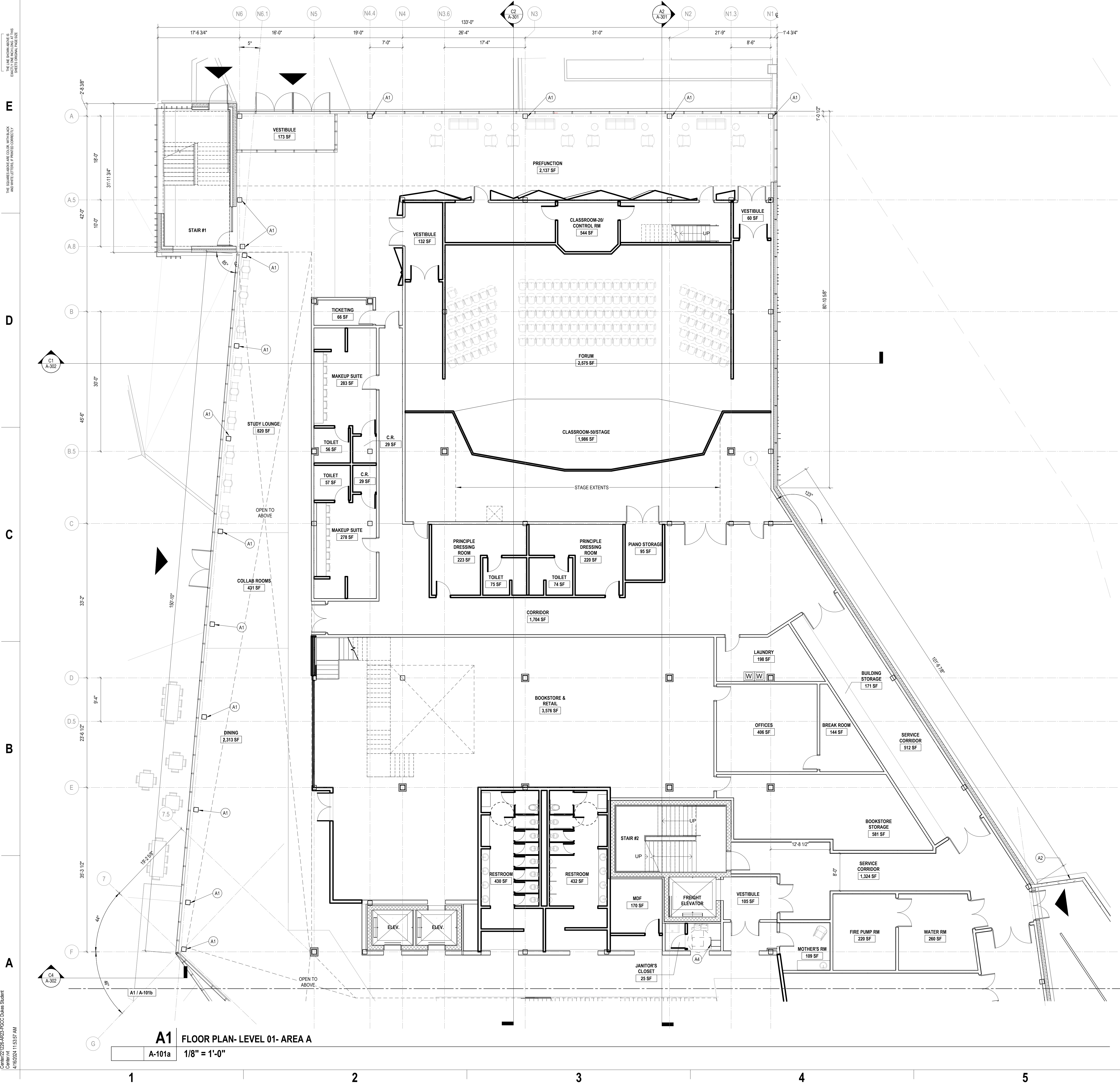
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SCHEMATIC DESIGN

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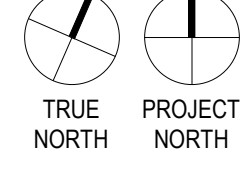
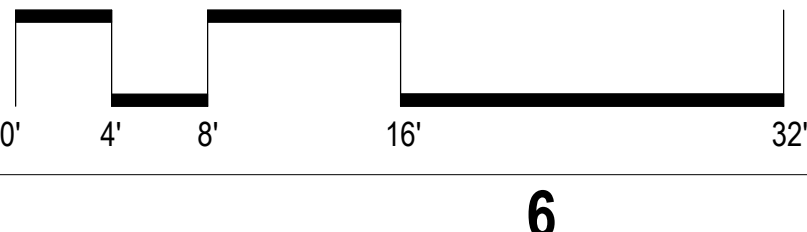
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A4	ATM



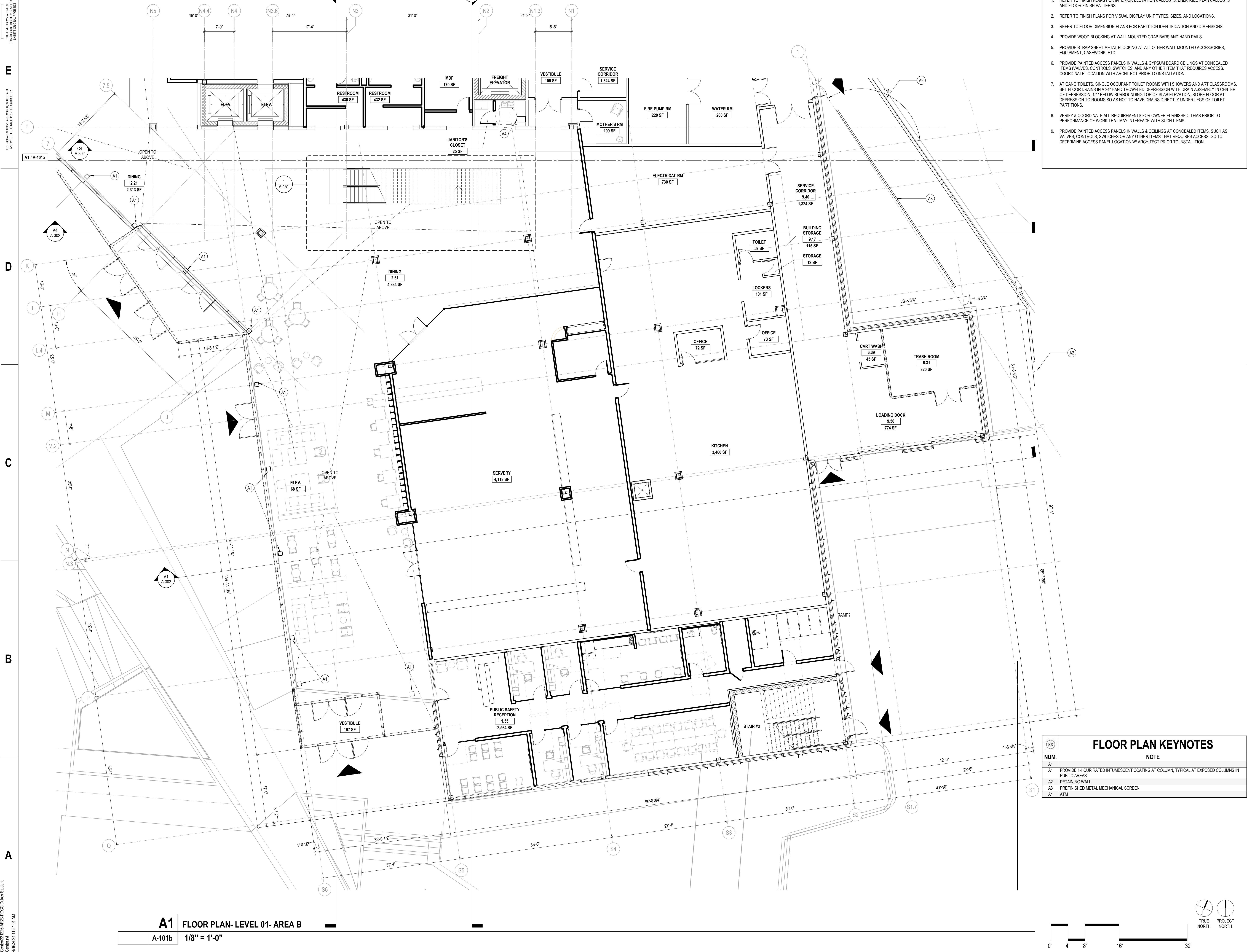
A1 FLOOR PLAN- LEVEL 01- AREA A

A-101a 1/8" = 1'-0"



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1
2
3
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6



FLOOR PLAN GENERAL NOTES

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ARCHITECT
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410.837.7311

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MK CONSULTING ENGINEERS, LLC
3300 CLIPPER HILL ROAD
SUITE 201
687.210.3478

LANDSCAPE ARCHITECT
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700 E. PRATT ST, SUITE 1200
BALTIMORE, MD 21202
410.837.7311

INTERIOR DESIGNER
MOYA DESIGN PARTNERS
1208 17TH STREET NW
WASHINGTON, DC 20036
202.462.0220

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CARRILO ENGINEERING, INC.
215 SCARLEIGH CIRCLE, SUITE 102
HIGHT HOLLOW, MD 21101
410.785.7403

MEP ENGINEER
BALA CONSULTING ENGINEERS, INC.
8145 CORPORATE DRIVE, SUITE 100
BALTIMORE, MD 21286
800.770.6374

THEATER PLANNING
SCHULER SHOOK
60 FRANK AVENUE SOUTH, 10TH FL.
NEW YORK, NY 10013
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FOOD SERVICE
PORTER KHOUW CONSULTING, INC.
1872 VILLAGE GREEN, P.O. BOX 4229
CROFTON, MD 21114
410.451.9807

PRINCE GEORGE'S COMMUNITY COLLEGE
PGCC DUKES STUDENT CENTER
301 LARGO RD
LARGO, MD 20774

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ARCHITECTURE
LANDSCAPE ARCHITECTURE
PLANNING
INTERIOR DESIGN

NO.	DATE	DESCRIPTION

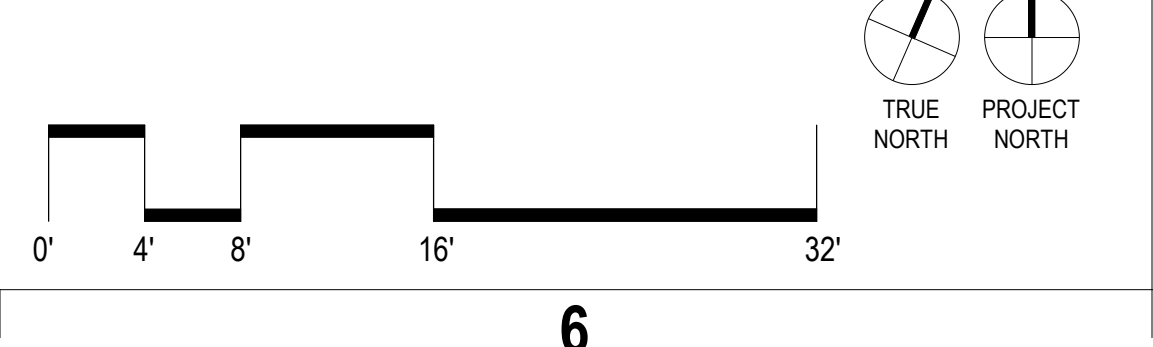
Project Name: PGCC DUKES STUDENT CENTER
Project Number: 221226.00
Sheet Issue Date: 2024.04.12
Scale: As indicated

FLOOR PLAN KEYNOTES

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A4	ATM



A1 FLOOR PLAN- LEVEL 01- AREA B
A-101b 1/8" = 1'-0"



Drawing
FLOOR PLAN- LEVEL
01- AREA B

A-101b

NOT FOR CONSTRUCTION

SCHEMATIC DESIGN

FLOOR PLAN GENERAL NOTES

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ARCHITECT
HORD COPLAN MACTH, INC.
 700 E. PRATT ST, SUITE 1200
 BALTIMORE, MD 21202
 410.837.7311

CIVIL ENGINEER
 MK CONSULTING ENGINEERS, LLC
 3300 CLIPPER HILL ROAD
 SUITE 201
 667.219.2478

LANDSCAPE ARCHITECT
 HORD COPLAN MACTH, INC.
 700 E. PRATT ST, SUITE 1100
 BALTIMORE, MD 21202
 410.837.7311

INTERIOR DESIGNER
 MOYA DESIGN PARTNERS
 1208 19TH STREET NW
 WASHINGTON, DC 20036
 202.643.0220

STRUCTURAL ENGINEER
 CARROLL ENGINEERING, INC.
 215 SCARLETT CIRCLE, SUITE 102
 HORT HAVEN, MD 21083
 410.765.7403

MEP ENGINEER
 S&A CONSULTING ENGINEERS, INC.
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 BALTIMORE, MD 21286
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PRINCE GEORGE'S COMMUNITY COLLEGE
PGCC DUKES STUDENT CENTER
 301 LARGO RD
 LARGO, MD 20774

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 ARCHITECTURE
 LANDSCAPE ARCHITECTURE
 PLANNING
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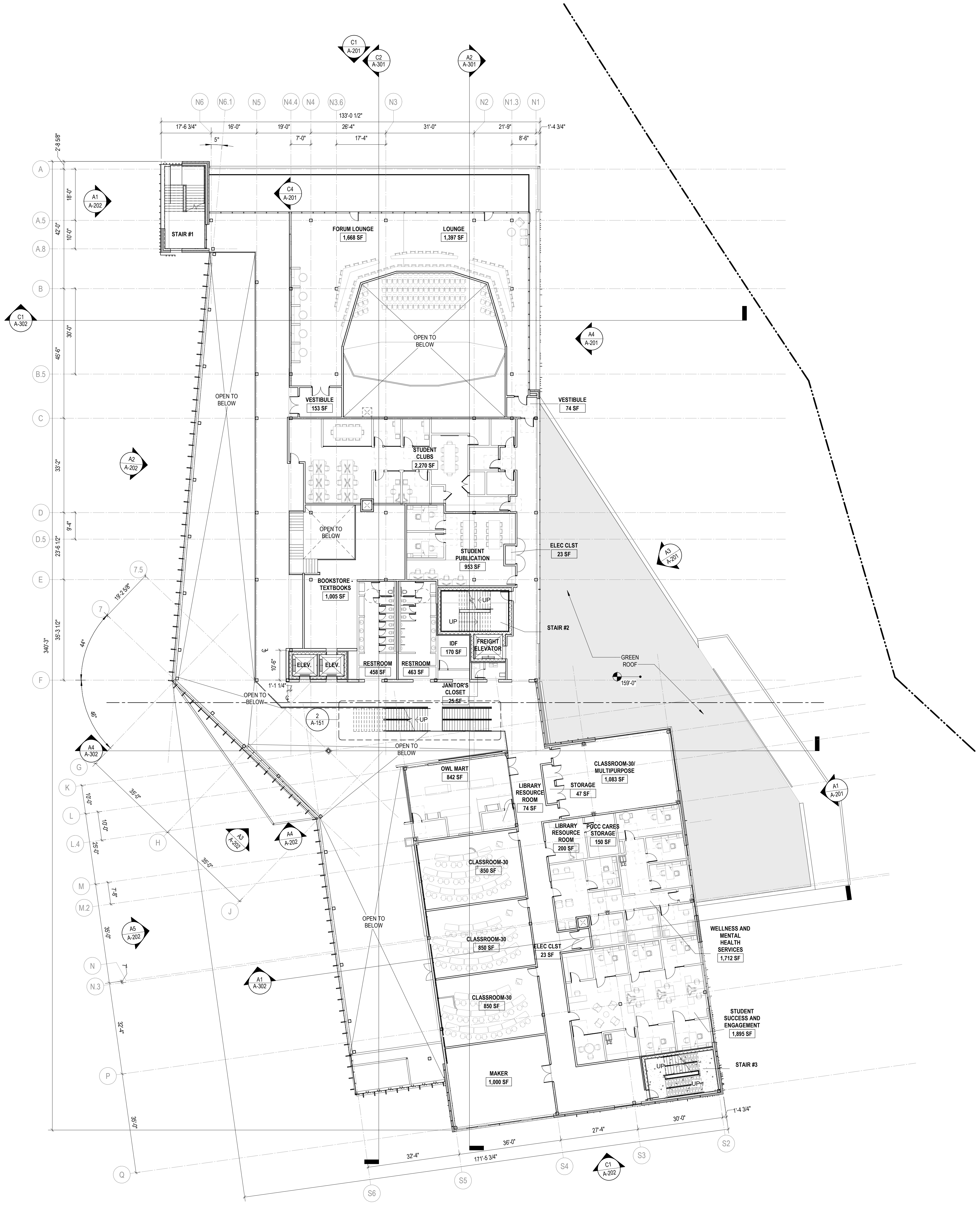
DATE	DESCRIPTION

Project Name: PGCC DUKES STUDENT CENTER
Project Number: 221226.00
Sheet Issue Date: 2024.04.12
Scale: As indicated

Drawing
 FLOOR PLAN- LEVEL 02

A-102
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SCHEMATIC DESIGN
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A1 FLOOR PLAN-OVERALL- LEVEL 02
 A-102 1/16" = 1'-0"



1 2 3 4 5 6

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ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED. DIMENSIONS TO FACE OF PARTS OF MECHANICAL EQUIPMENT SHALL BE TO THE CENTERLINE UNLESS OTHERWISE NOTED.

THE SHADING IS FOR COLOR REFERENCE ONLY. PRINTED LETTERS SHALL BE PRINTED CORRECTLY.

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A

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LANDSCAPE ARCHITECT
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 410.837.7311

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MOYA DESIGN PARTNERS
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THEATER PLANNING
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 LARGO, MD 20774

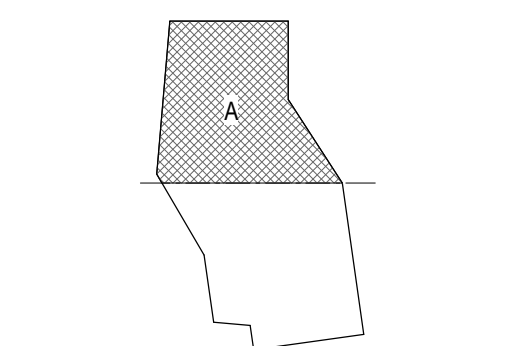
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 ARCHITECTURE
 LANDSCAPE ARCHITECTURE
 PLANNING
 INTERIOR DESIGN

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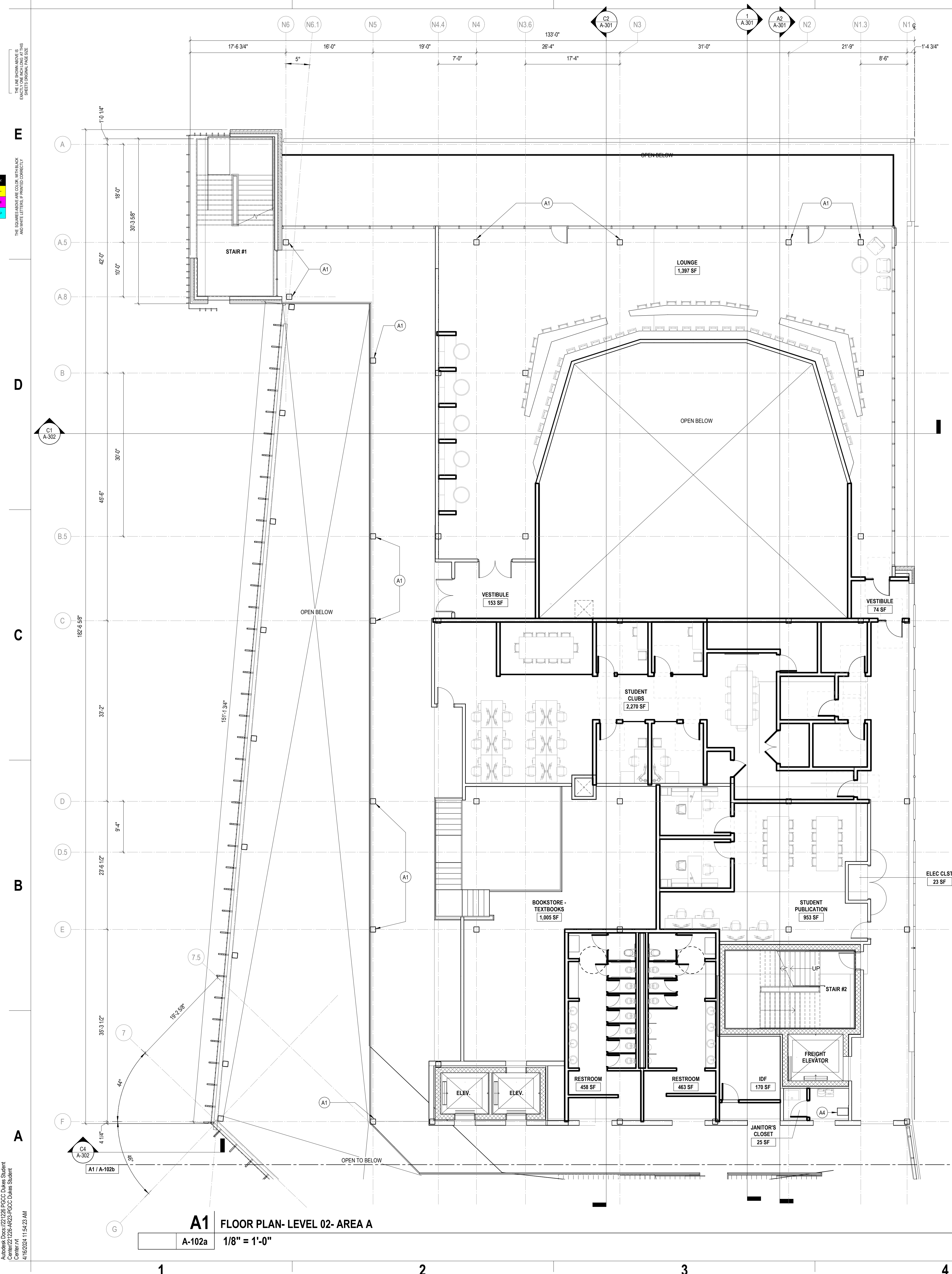


Drawing
FLOOR PLAN- LEVEL 02- AREA A

A-102a

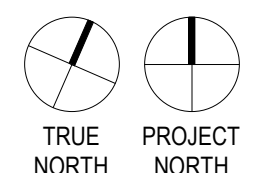
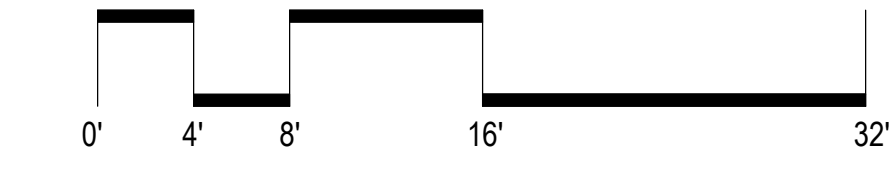
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SCHEMATIC DESIGN



A1 FLOOR PLAN- LEVEL 02- AREA A

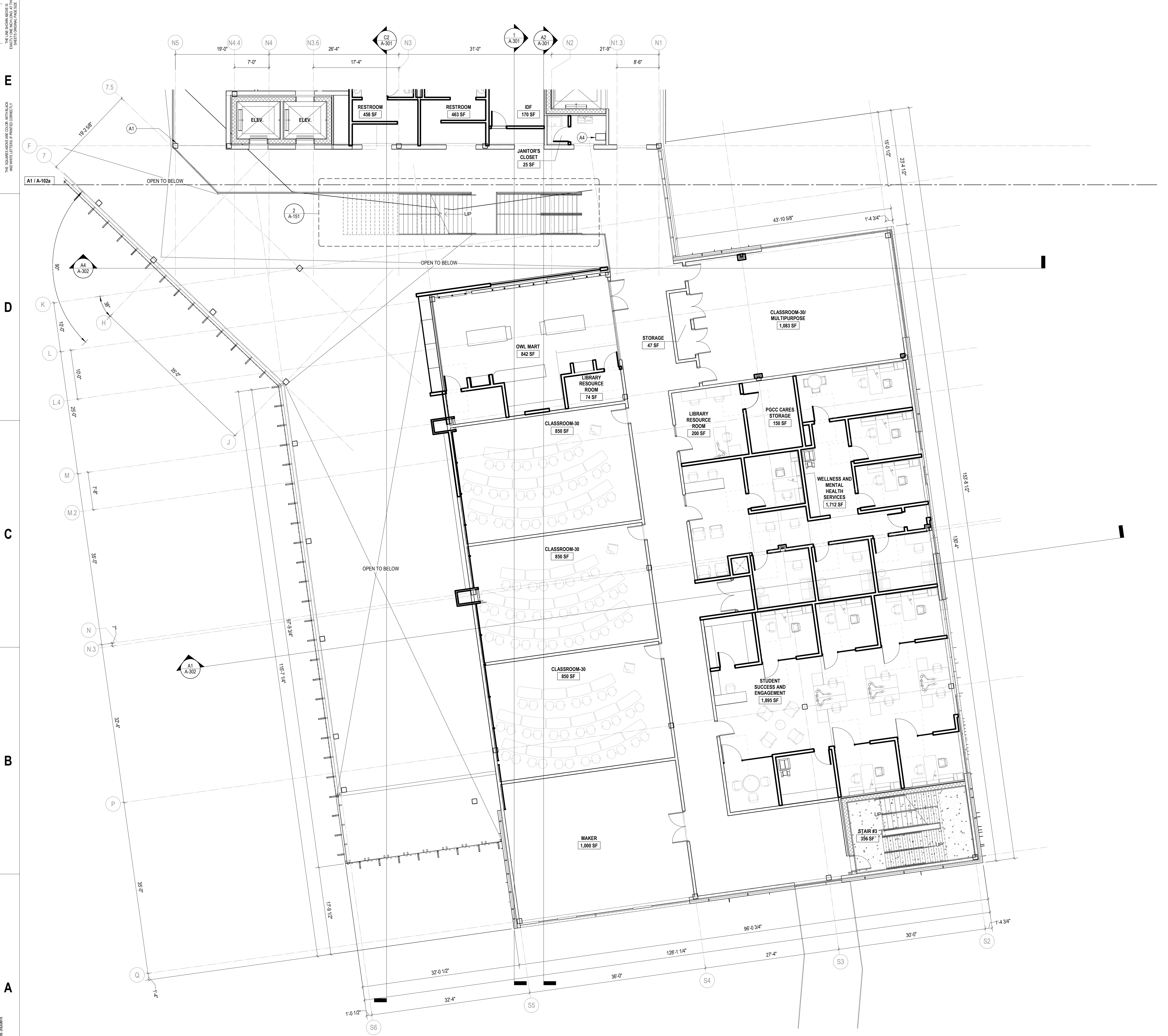
A-102a 1/8" = 1'-0"



Autodesk Docs: 221226 PGCC Dukes Student Center/221226-A102a-PGCC Dukes Student Center/221226-A102a-11-54-23 AM

THE SHOWN COLORS, INCLUDING DIMENSIONS, SHALL BE PRINTED CORRECTLY.

ALL DIMENSIONS SHALL BE TO FACE UNLESS OTHERWISE NOTED.



FLOOR PLAN GENERAL NOTES

- REFER TO FINISH PLANS FOR INTERIOR ELEVATION CALLOUTS, ENLARGED PLAN CALLOUTS AND FLOOR FINISH PATTERNS.
- REFER TO FINISH PLANS FOR VISUAL DISPLAY UNIT TYPES, SIZES, AND LOCATIONS.
- REFER TO FLOOR DIMENSION PLANS FOR PARTITION IDENTIFICATION AND DIMENSIONS.
- PROVIDE WOOD BLOCKING AT WALL MOUNTED GRAB BARS AND HAND RAILS.
- PROVIDE STRAP SHEET METAL BLOCKING AT ALL OTHER WALL MOUNTED ACCESSORIES, EQUIPMENT, CASEWORK, ETC.
- PROVIDE PAINTED ACCESS PANELS IN WALLS & GYPSUM BOARD CEILINGS AT CONCEALED ITEMS (VALVES, CONTROLS, SWITCHES, AND ANY OTHER ITEM THAT REQUIRES ACCESS. COORDINATE LOCATION WITH ARCHITECT PRIOR TO INSTALLATION.
- AT GANG TOILETS, SINGLE OCCUPANT TOILET ROOMS WITH SHOWERS AND ART CLASSROOMS, SET FLOOR DRAINS IN A 2" HAND TROWELED DEPRESSION WITH DRAIN ASSEMBLY IN CENTER OF DEPRESSION, 1/4" BELOW SURROUNDING TOP OF SLAB ELEVATION. SLOPE FLOOR AT DEPRESSION TO ROOMS SO AS NOT TO HAVE DRAINS DIRECTLY UNDER LEGS OF TOILET PARTITIONS.
- VERIFY & COORDINATE ALL REQUIREMENTS FOR OWNER FURNISHED ITEMS PRIOR TO PERFORMANCE OF WORK THAT MAY INTERFACE WITH SUCH ITEMS.
- PROVIDE PAINTED ACCESS PANELS IN WALLS & CEILINGS AT CONCEALED ITEMS, SUCH AS VALVES, CONTROLS, SWITCHES OR ANY OTHER ITEMS THAT REQUIRES ACCESS. GC TO DETERMINE ACCESS PANEL LOCATION W/ ARCHITECT PRIOR TO INSTALLATION.

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PGCC DUKES STUDENT CENTER

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NO.	DATE	DESCRIPTION

Project Name: PGCC DUKES STUDENT CENTER
Project Number: 221226.00
Sheet Issue Date: 2024.04.12
Scale: As indicated

FLOOR PLAN KEYNOTES

NUM.	NOTE
A1	PROVIDE 1-HOUR RATED INTUMESCENT COATING AT COLUMN, TYPICAL AT EXPOSED COLUMNS IN PUBLIC AREAS
A2	RETAINING WALL
A3	PREFINISHED METAL MECHANICAL SCREEN
A4	ATM



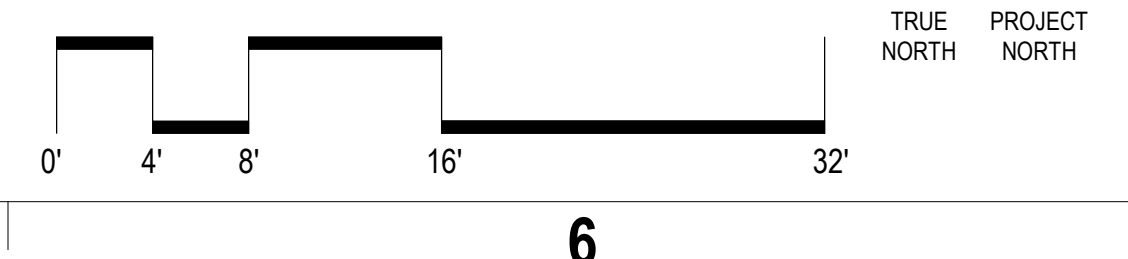
Drawing
 FLOOR PLAN- LEVEL 02- AREA B

A-102b

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SCHEMATIC DESIGN

A1 FLOOR PLAN- LEVEL 02- AREA B
 A-102b 1/8" = 1'-0"



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FLOOR PLAN GENERAL NOTES

1. REFER TO FINISH PLANS FOR INTERIOR ELEVATION CALLOUTS, ENLARGED PLAN CALLOUTS AND FLOOR FINISH PATTERNS.
2. REFER TO FINISH PLANS FOR VISUAL DISPLAY UNIT TYPES, SIZES, AND LOCATIONS.
3. REFER TO FLOOR DIMENSION PLANS FOR PARTITION IDENTIFICATION AND DIMENSIONS.
4. PROVIDE WOOD BLOCKING AT WALL MOUNTED GRAB BARS AND HAND RAILS.
5. PROVIDE STRAP SHEET METAL BLOCKING AT ALL OTHER WALL MOUNTED ACCESSORIES, EQUIPMENT, CASEWORK, ETC.
6. PROVIDE PAINTED ACCESS PANELS IN WALLS & GYPSUM BOARD CEILINGS AT CONCEALED ITEMS (VALVES, CONTROLS, SWITCHES, AND ANY OTHER ITEM THAT REQUIRES ACCESS COORDINATE LOCATION WITH ARCHITECT PRIOR TO INSTALLATION.
7. AT GANG TOILETS, SINGLE OCCUPANT TOILET ROOMS WITH SHOWERS AND ART CLASSROOMS, SET FLOOR DRAINS IN A 2" HAND TROWELED DEPRESSION WITH DRAIN ASSEMBLY IN CENTER OF DEPRESSION. 1/4" BELOW SURROUNDING TOP OF SLAB ELEVATION. SLOPE FLOOR AT DEPRESSION TO ROOMS SO AS NOT TO HAVE DRAINS DIRECTLY UNDER LEGS OF TOILET PARTITIONS.
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Project Number: 221226.00
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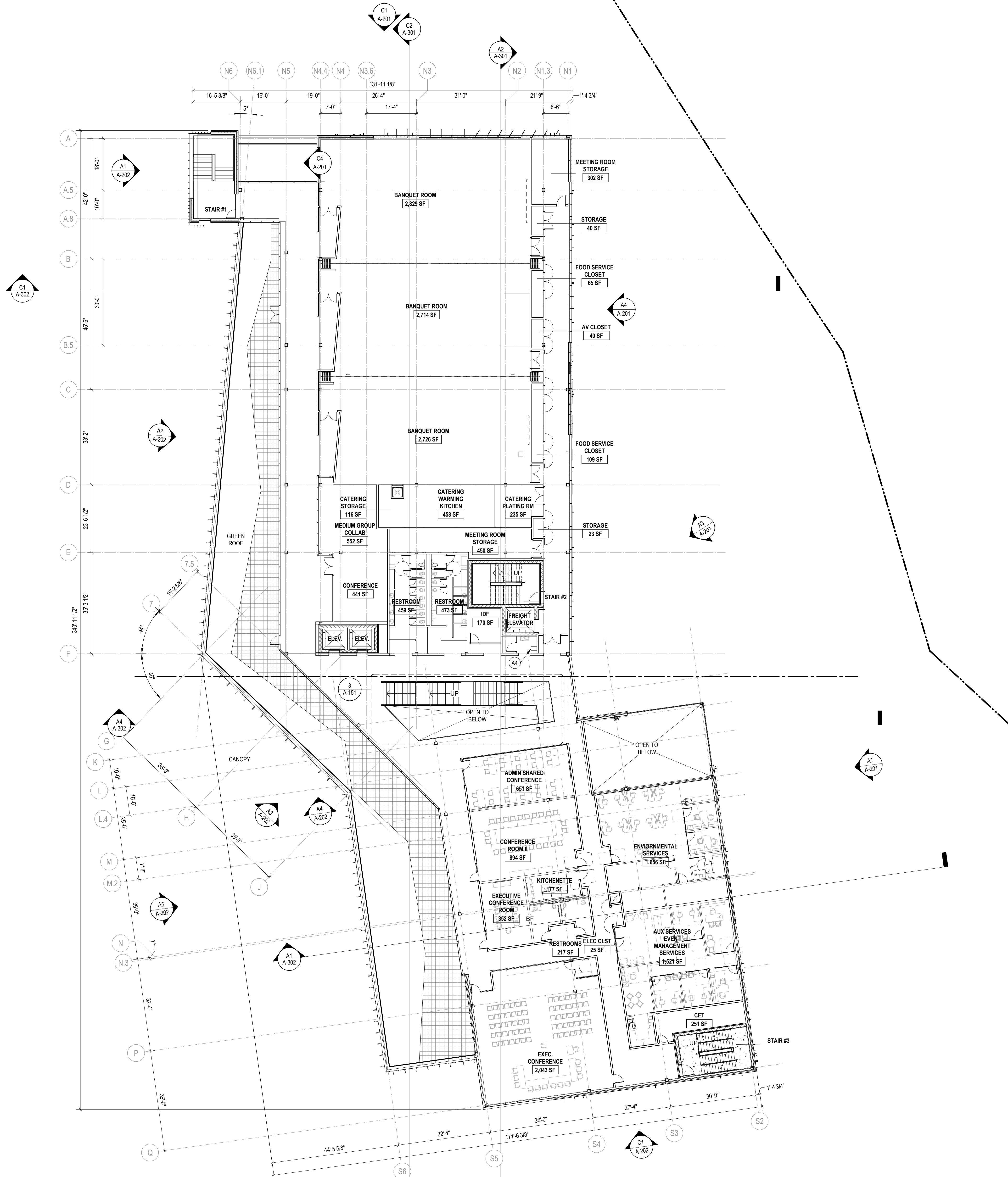
Drawing
 FLOOR PLAN- LEVEL 03

A-103

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SCHEMATIC DESIGN

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FLOOR PLAN KEYNOTES

NUM.	NOTE
A1	PROVIDE 1-HOUR RATED INTUMESCENT COATING AT COLUMN, TYPICAL AT EXPOSED COLUMNS IN PUBLIC AREAS
A2	RETAINING WALL
A3	PREFINISHED METAL MECHANICAL SCREEN
A4	ATM

A1 FLOOR PLAN-OVERALL- LEVEL 03
 A-103 1/16" = 1'-0"



E

PLEASE CHECK FOR CORRECTIONS TO THESE DIMENSIONS, PARTS AND FINISHES. PRINTED CORRECTLY.

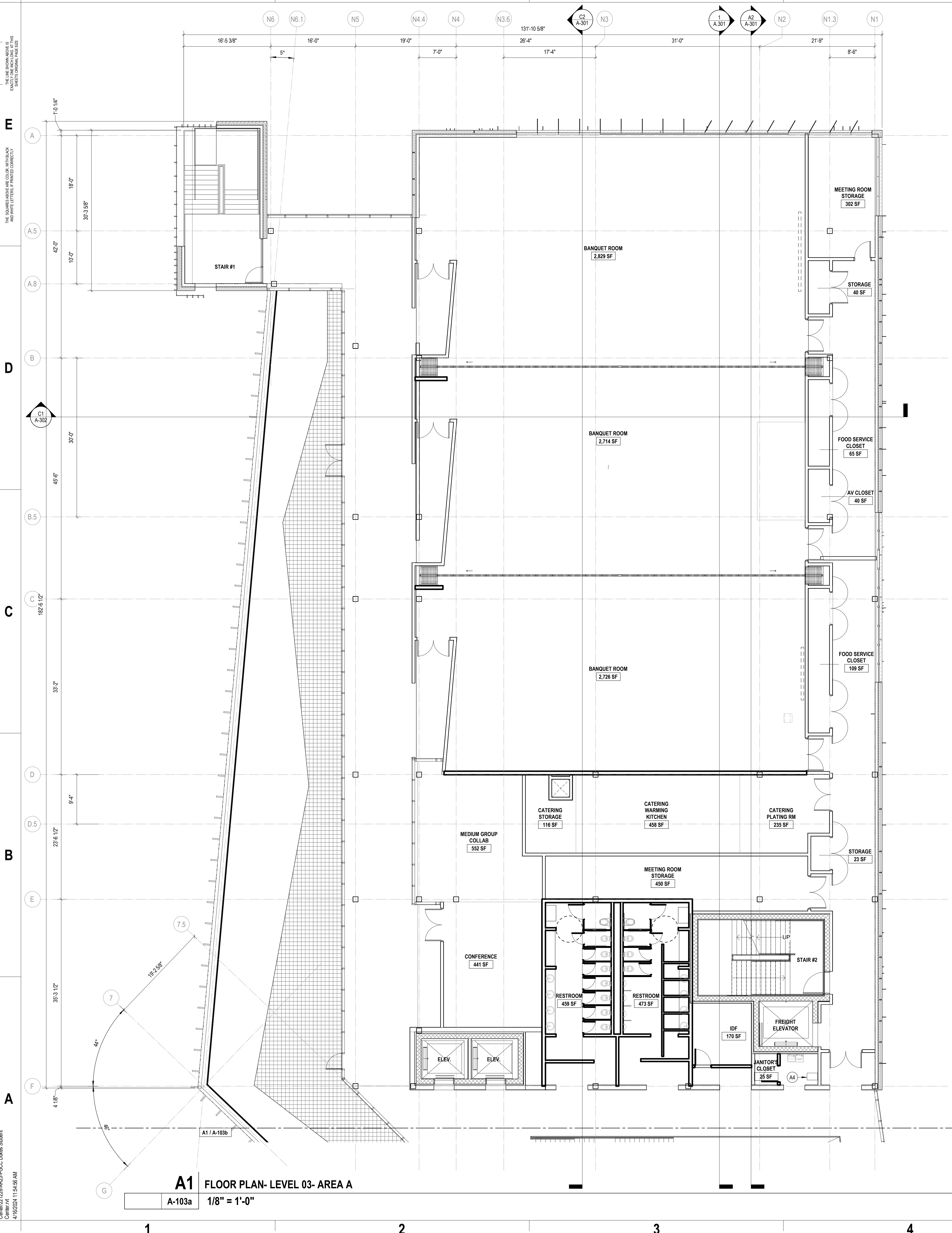
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FLOOR PLAN GENERAL NOTES

- REFER TO FINISH PLANS FOR INTERIOR ELEVATION CALLOUTS, ENLARGED PLAN CALLOUTS AND FLOOR FINISH PATTERNS.
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 410.451.3817

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PGCC DUKES STUDENT CENTER
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 LARGO, MD 20774

FLOOR PLAN KEYNOTES

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A4	ATM

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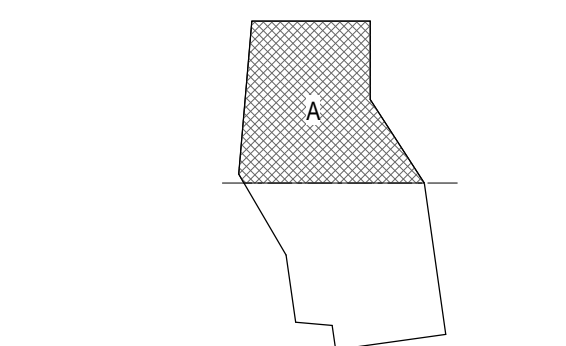
DATE	DESCRIPTION

Project Name:
 PGCC DUKES STUDENT CENTER

Project Number: 221226.00

Sheet Issue Date: 2024.04.12

Scale: As indicated



Drawing
 FLOOR PLAN- LEVEL
 03- AREA A

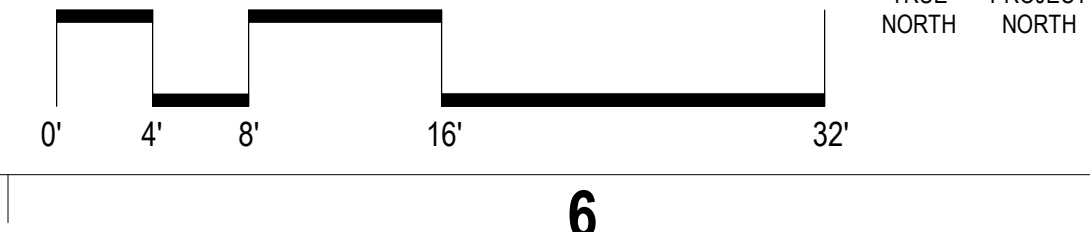
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A1 FLOOR PLAN- LEVEL 03- AREA A
 A-103a 1/8" = 1'-0"



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PORTER KHOUW CONSULTING, INC.
 187 VILLAGE GREEN, P.O. BOX 4020
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 410.451.3817

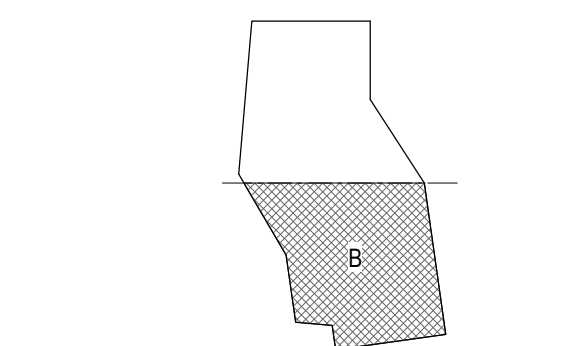
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 301 LARGO RD
 LARGO, MD 20774

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FLOOR PLAN KEYNOTES	
NUM.	NOTE
A1	PROVIDE 1-HOUR RATED INTUMESCENT COATING AT COLUMN, TYPICAL AT EXPOSED COLUMNS IN PUBLIC AREAS
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A3	PREFINISHED METAL MECHANICAL SCREEN
A4	ATM

DATE	DESCRIPTION

Project Name: PGCC DUKES STUDENT CENTER
Project Number: 221226.00
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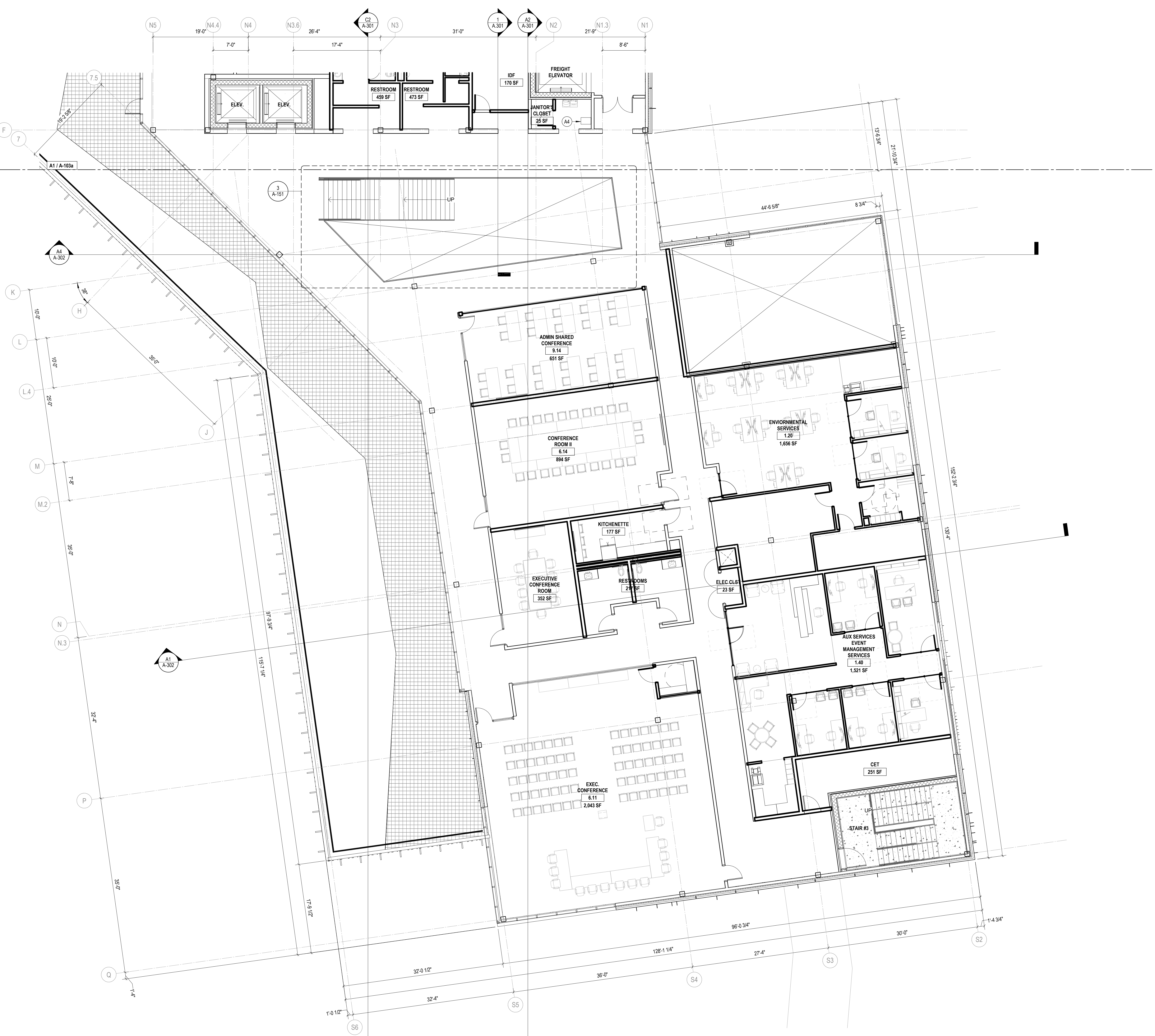


Drawing
FLOOR PLAN- LEVEL
03- AREA B

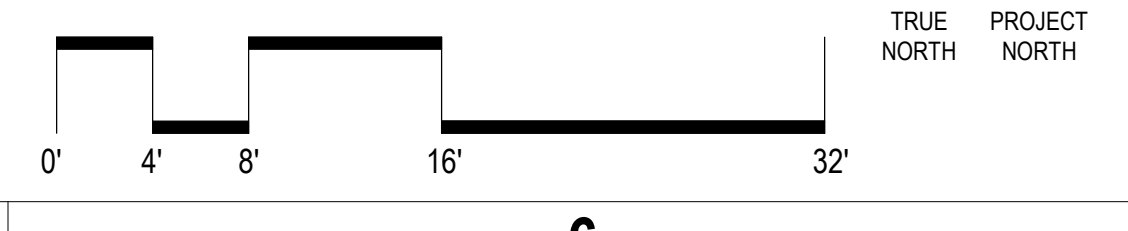
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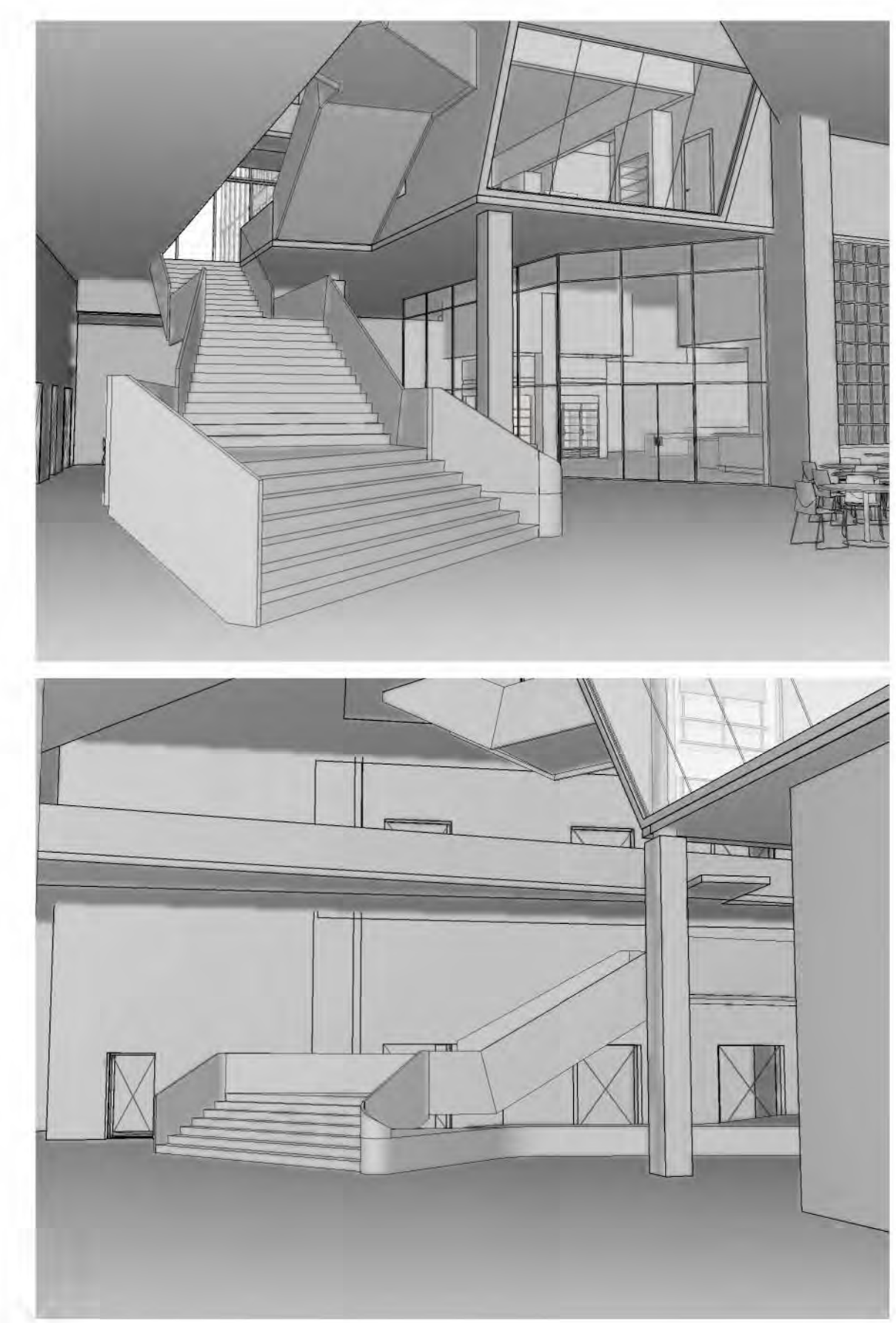
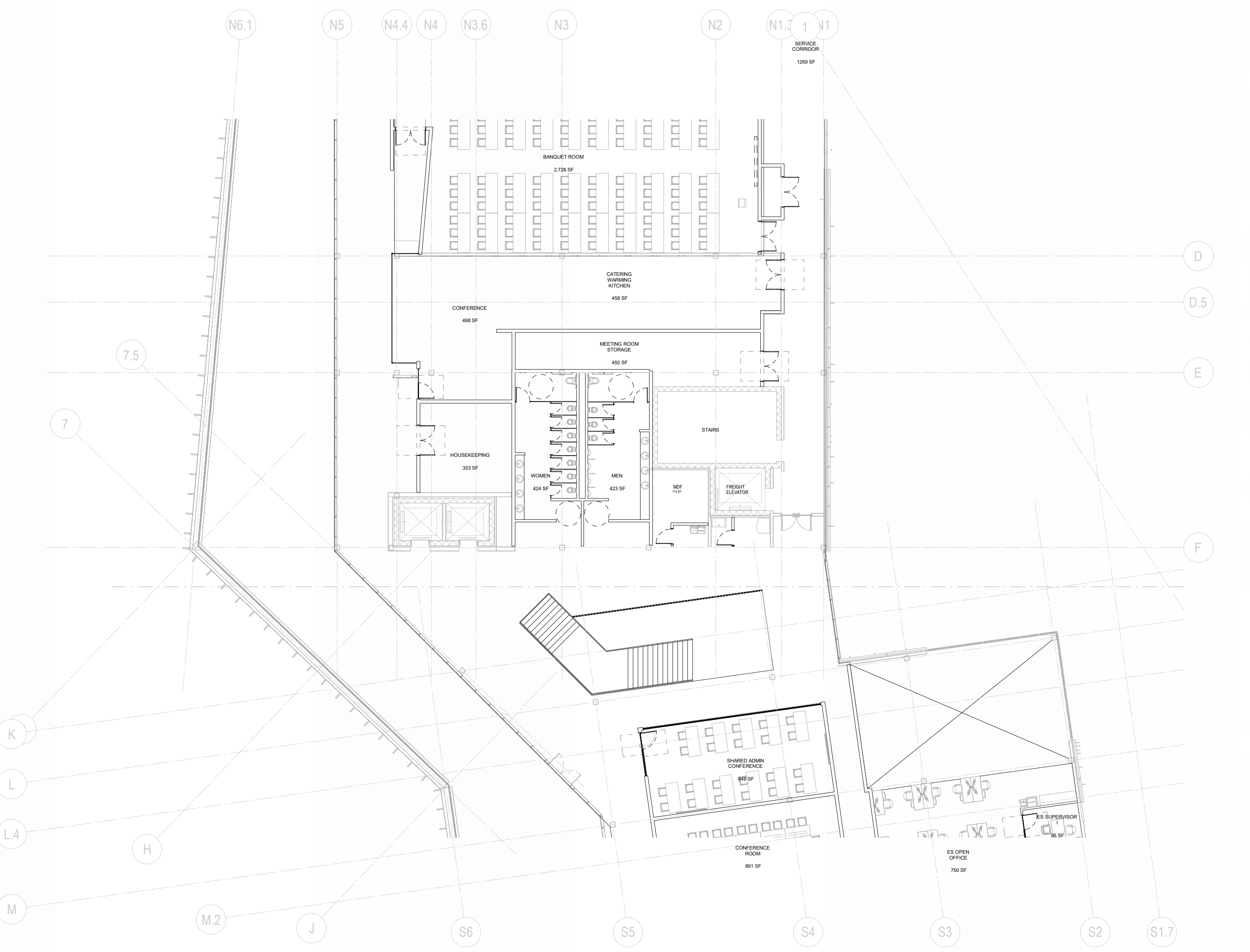
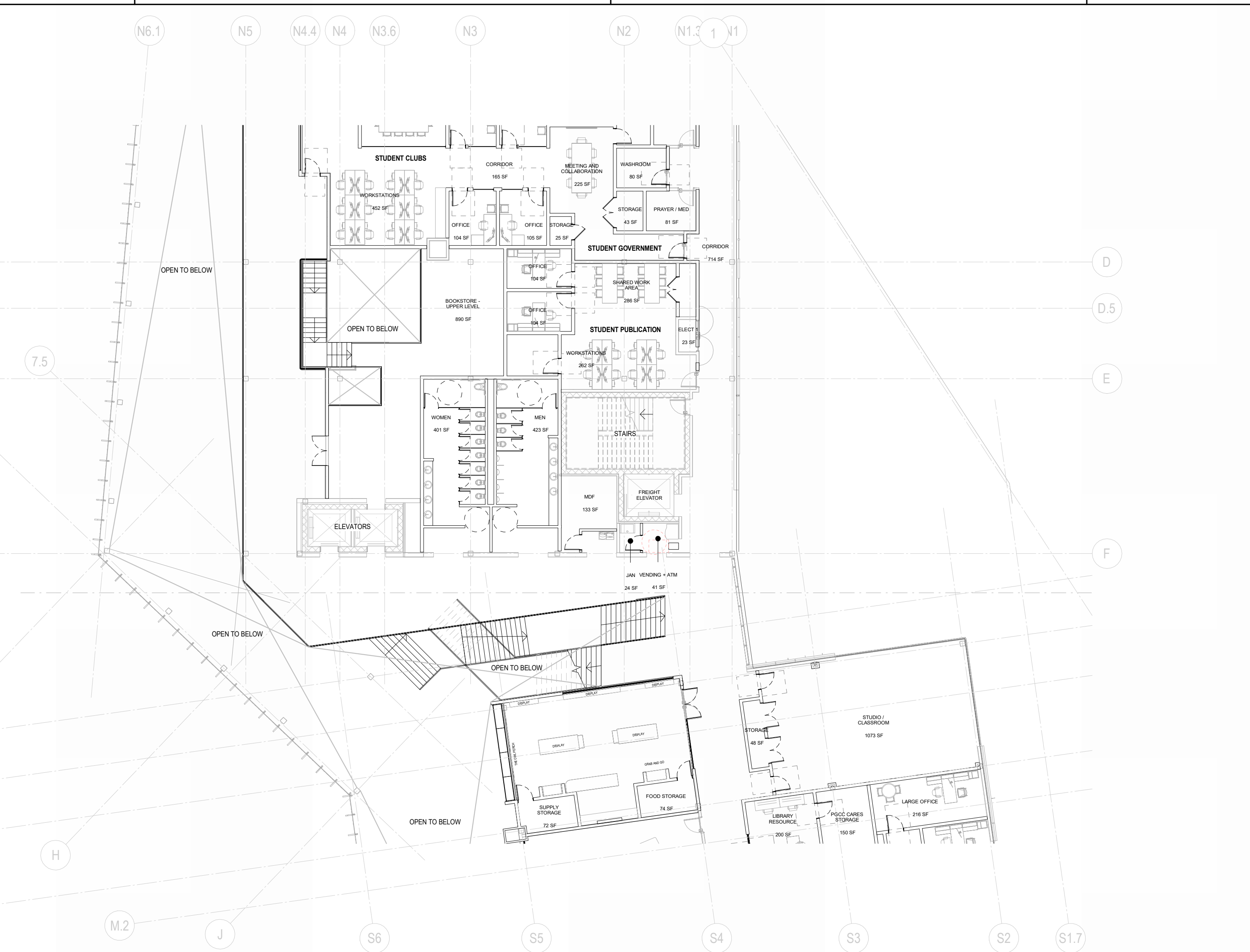
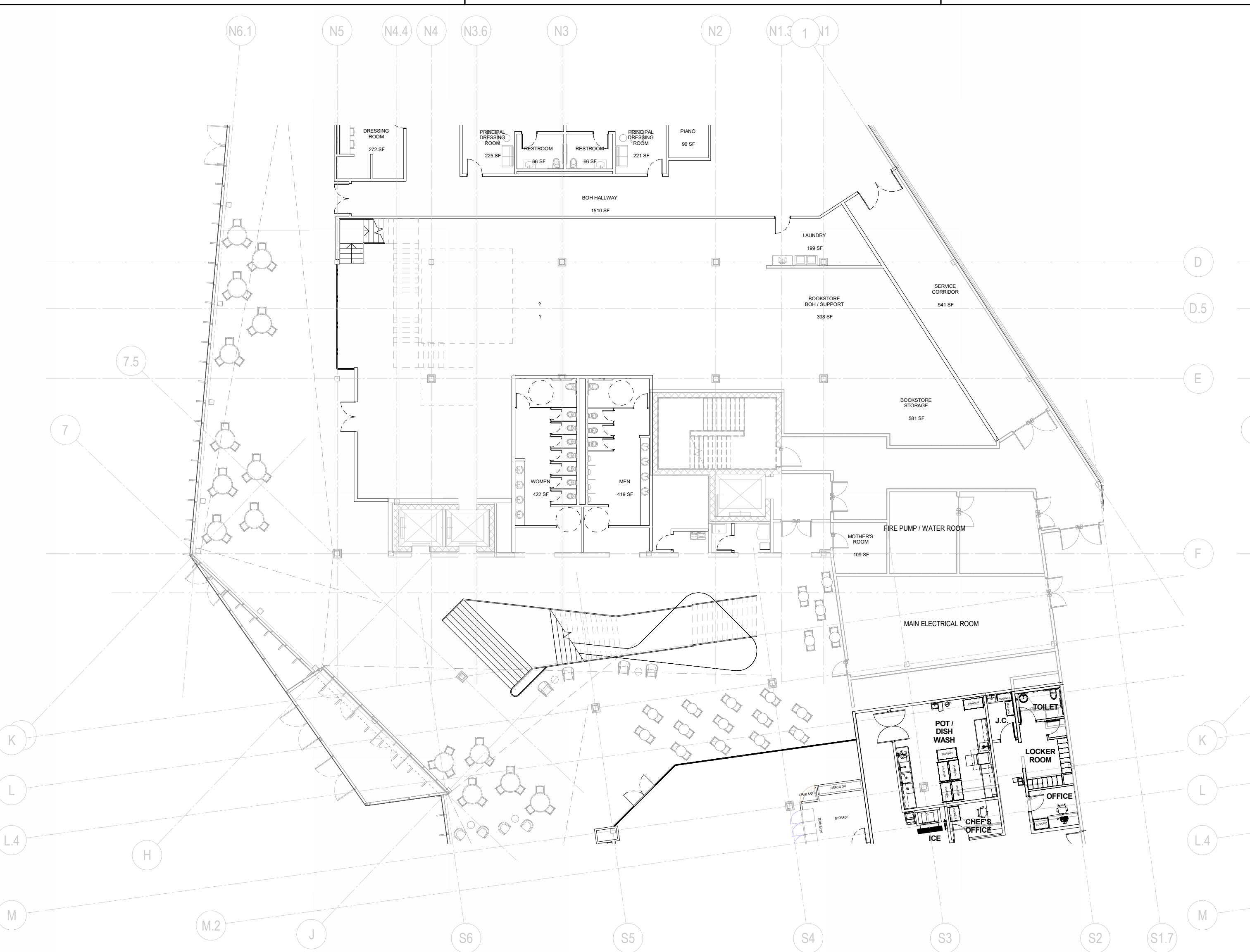


A1 FLOOR PLAN- LEVEL 03- AREA B
A-103b 1/8" = 1'-0"

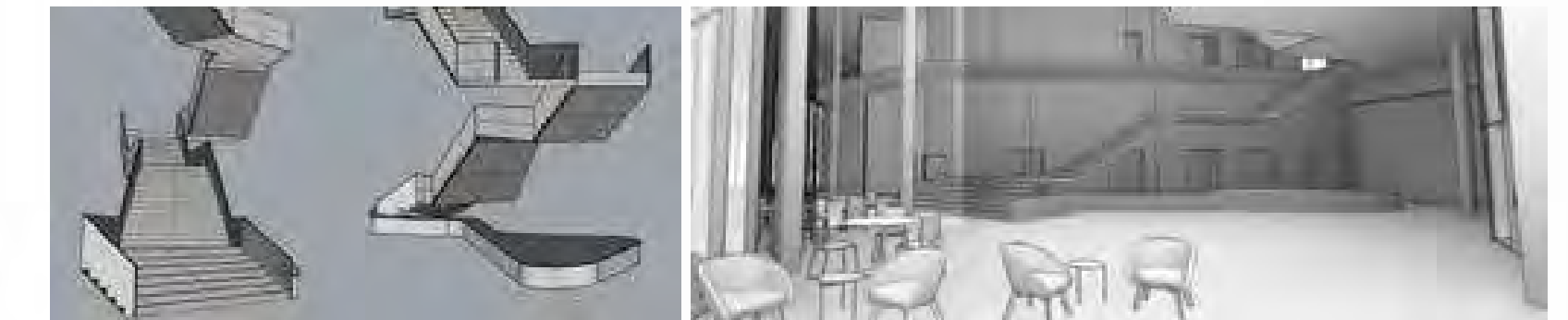


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E
D
C
B
A



Inspiration Images



Stair Design as Sculpture Element

Stair Bench design in relation to space

Elevation Rendered Sketches

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Project Number: 221226.00
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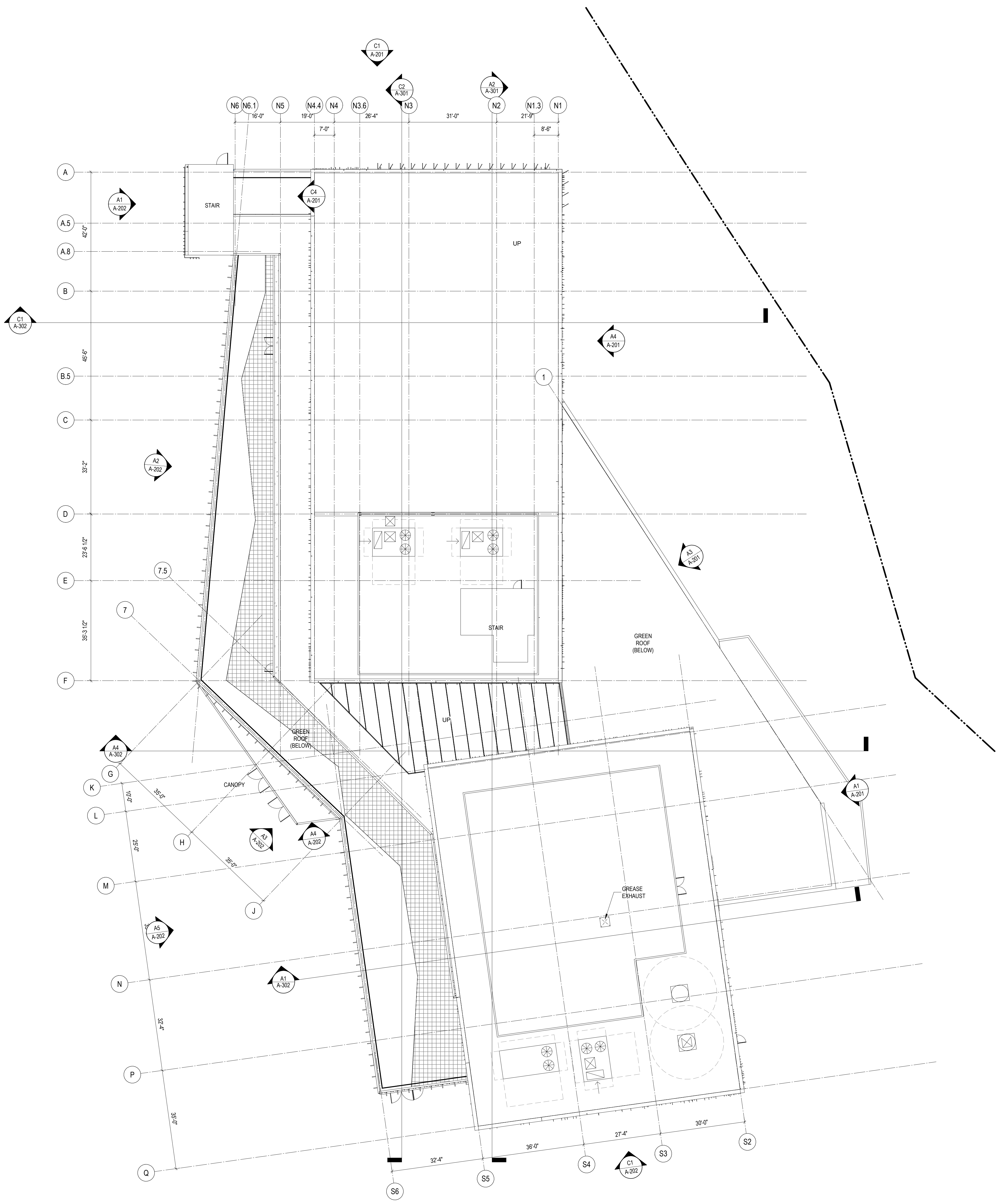
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A1 ROOF PLAN- OVERALL
 A-104 1/16" = 1'-0"

ROOF PLAN GENERAL NOTES

1. TAPERED INSULATION REQUIRED AROUND ALL ROOF TOP EQUIPMENT AND BETWEEN ROOF HATCHES AND ROOF LADDERS
2. REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR ADDITIONAL ROOF EQUIPMENT AND PENETRATIONS
3. 5" CONCRETE HOUSEKEEPING PAD AT RTU, REF. MECH FOR LOCATION

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Drawing
 ROOF PLAN

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