

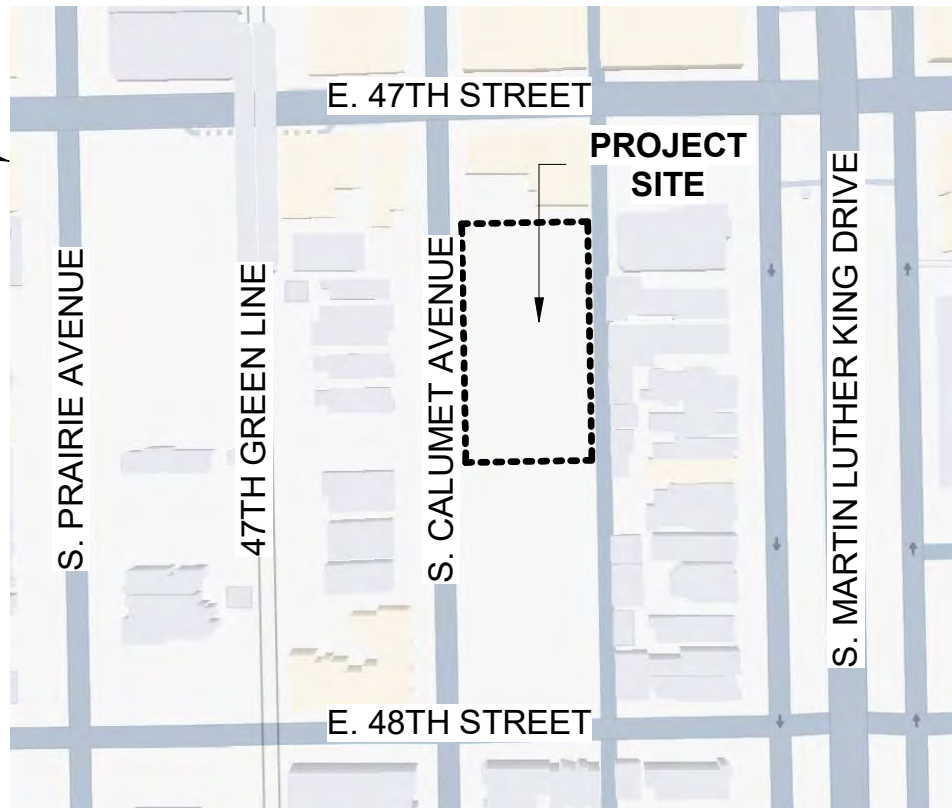
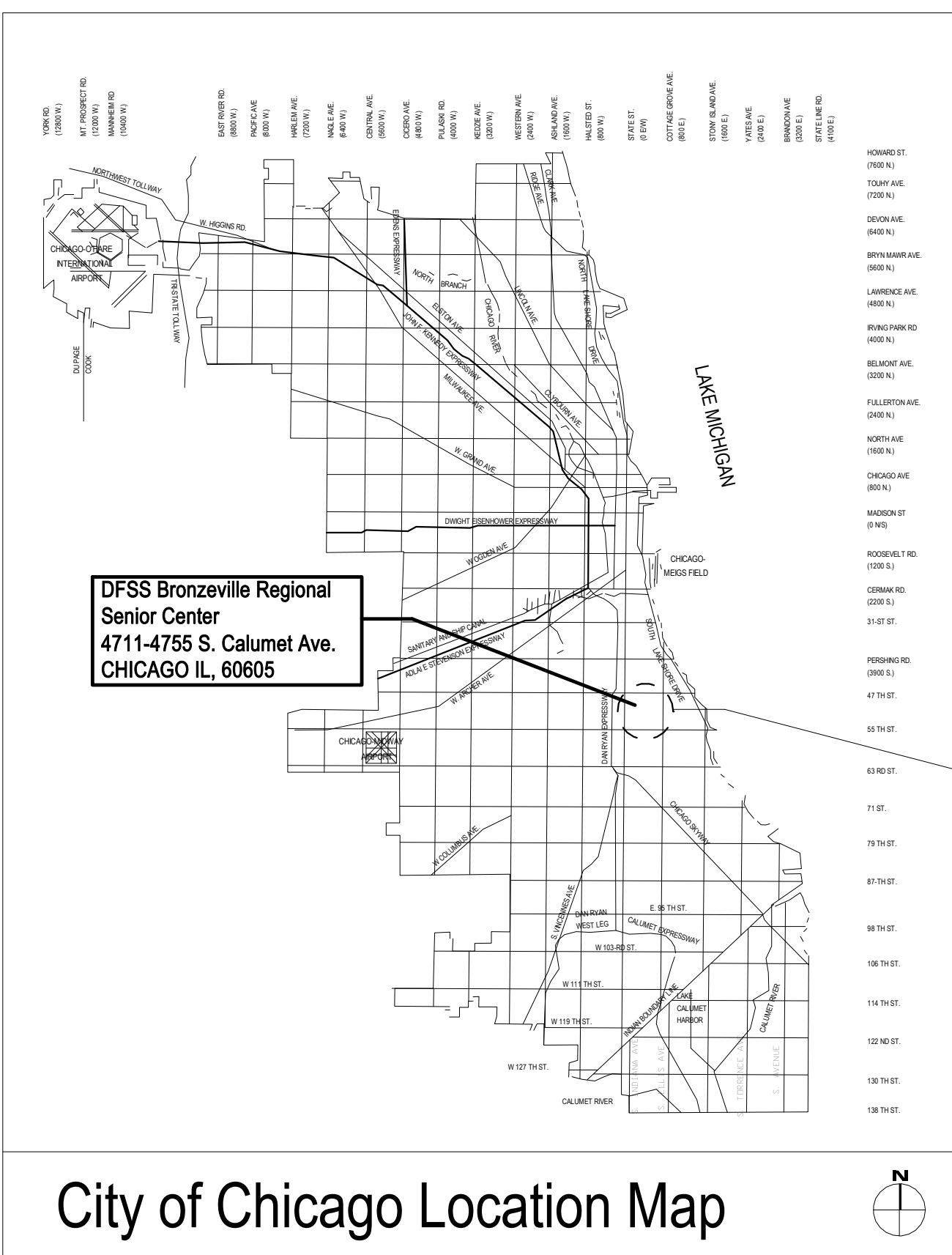
DFSS BRONZEVILLE REGIONAL SENIOR CENTER

4711-4755 S. CALUMET AVENUE
CHICAGO IL, 60605
PBC PROJECT NUMBER 10030

ISSUE FOR 100% SD
08.15.25



PUBLIC BUILDING COMMISSION OF CHICAGO
BRANDON JOHNSON, MAYOR
RAY GIDEROF, EXECUTIVE DIRECTOR



FOOD SERVICE CONSULTANT

S20 Consultants
530 N. Wood Street, #C
Chicago, IL 60622
847.309.1163

LANDSCAPE ARCHITECT

TGDA Landscape Architecture
3233 W. Le Moyne Street, #1
Chicago, IL 60651
312.481.8432

MEP/FP ENGINEER

Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604
312.987.0061

CIVIL ENGINEER

Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604
312.987.0061

STRUCTURAL ENGINEER

Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604
312.987.0061

DESIGN ARCHITECT

RADA Architects, LTD
233 N. Michigan Avenue, #1900
Chicago, IL 60601
312.856.1970



INDEX OF DRAWINGS	
SHEET #	SHEET NAME
ARCHITECTURAL DRAWINGS	
G-001	TITLE SHEET AND INDEX OF DRAWINGS
G-101	CODE & ZONING MATRIX
G-102	CODE COMPLIANCE - FIRST FLOOR PLAN
G-103	CODE COMPLIANCE - SECOND FLOOR PLAN
G-104	PLAT OF SURVEY
AS101	SITE PLAN
DR-1	EXTERIOR VIEWS
DR-2	COURTYARD / TERRACE VIEWS
DR-3	AXON VIEWS
A-101	FIRST FLOOR PLAN W/ SITE
A-102	SECOND FLOOR PLAN
A-111	ROOF PLAN
A-201	BUILDING ELEVATIONS
A-211	BUILDING SECTIONS
A-301	WALL SECTIONS
A-901	FURNITURE PLANS
CIVIL DRAWINGS	
C1.00	DEMOLITION PLAN
C2.00	GEOMETRY PLAN
C3.00	GRADING PLAN
C4.00	UTILITY PLAN
STRUCTURAL DRAWINGS	
S1.01	FIRST FLOOR STRUCTURAL PLAN
S1.02	SECOND FLOOR FRAMING PLAN
S1.03	ROOF FRAMING PLAN
MECHANICAL DRAWINGS	
M0.00	SYMBOLS AND ABBREVIATIONS
M1.01	FIRST FLOOR MECHANICAL PLAN
M1.02	SECOND FLOOR MECHANICAL PLAN
M1.03	ROOF MECHANICAL PLAN
ELECTRICAL DRAWINGS	
E0.00	SYMBOLS AND ABBREVIATIONS
E1.01	LEVEL 1 POWER
E1.02	LEVEL 2 POWER
E1.03	ROOF - POWER PLAN
E5.00	SINGLE LINE DIAGRAM
E5.01	ELECTRICAL DETAILS
PLUMBING DRAWINGS	
P0.00	SYMBOLS AND ABBREVIATIONS
P1.01	FIRST FLOOR PLUMBING PLAN
P1.02	SECOND FLOOR PLUMBING PLAN



DFSS BRONZEVILLE
REGIONAL SENIOR CENTER
4711 - 4755 S. CALUMET AVE.
CHICAGO IL, 60615
PUBLIC BUILDING COMMISSION
CITY OF CHICAGO, MAYOR BRANDON JOHNSON

DESIGN ARCHITECT:



ADDRESS: 233 N. MICHIGAN AVE, #1900
CHICAGO, ILLINOIS 60601
PHONE: 312.856.1970
FAX: 312.856.1978
WEB: WWW.RADA-ARCH.COM

ARCHITECT OF RECORD:

MEP/FP ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

STRUCTURAL ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

CIVIL ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

LANDSCAPE ARCHITECT
TGDA Landscape Architecture
3233 W. Le Moyne Street, #1
Chicago, IL 60651

FOOD SERVICE CONSULTANT
S20 Consultants
530 N. Wood Street, #C
Chicago, IL 60622

Issuance		
MARK	DESCRIPTION	DATE
1	100% SD	08/15/25

PBC Project Name: DFSS BRONZEVILLE
REGIONAL SENIOR CENTER

PBC Contract No: 10030
Project No: H-93

Title

TITLE SHEET AND
INDEX OF DRAWINGS

Sheet
G-001

ZONING / LANDSCAPE CODE ANALYSIS									
ISSUE / CODE REQUIREMENT	CODE SECTION	UNIT / QTY	REQUIRED / CALCULATION			ACTUAL / PROVIDED		NOTES	
SITE SUMMARY (ALL UNITS ARE SQUARE FOOT)									
TOTAL SITE AREA						32,360			
1ST FLOOR BUILDING COVERAGE (GSF)						12,533			
2ND FLOOR BUILDING FLOOR AREA (GSF)						12,064			
TOTAL BUILDING FLOOR AREA (GSF)						24,597			
VEHICULAR USE AREA						13,259			
ASPHALT PAVING						12,000			
CONCRETE PAVING, CURBS + PADS						3,300			
EXTERIOR COURTYARD						2,100			
TOTAL LANDSCAPE AREA EXCLUDING COURTYARD						1,841			
TOTAL SITE IMPERVIOUS AREA						30,019			
TOTAL SITE LANDSCAPE AREA						2,341			
AUTOMOBILE PARKING REQUIREMENTS									
REQUIRED PARKING - 1 PER FULL TIME EMPLOYEE	17-10-0207-E	6	6 EMPLOYEES / 1 = 2 SPACES REQUIRED			39	TOTAL COUNT IN CLIDES 2 ACCESSIBLE SPACES		
ACCESSIBLE PARKING - NONRESIDENTIAL OCCUPANCY	17-10-0902-A		1 REQUIRED ACCESSIBLE SPACES - 1 PER FIRST 25 SPACES - 1 FOR EVERY 25 SPACES THEREAFTER			2	TECHNICALLY NOT REQUIRED		
PARKING STALL DIMENSIONS - 90 DEGREE	17-10-1001		8'0" x 18'0" / 22'0" AISLE				AISLE MAY BE REDUCED TO 20'-0" IF STALL WIDTH IS INCREASED TO 8'-6"		
BICYCLE PARKING REQUIREMENTS									
OFF-STREET PARKING SCHEDULE	17-10-0302-A / 17-10-0302-E		1 PER 10 AUTO SPACES / 2' W x 6' D x 7' H			4			
OFF-STREET LOADING									
SCHEDULE OF MINIMUM REQUIREMENTS - CIVIC USE GROUP	17-10-1101		0 - 24,999 GROSS FLOOR AREA: NONE REQUIRED 25,000 - 199,999 GFA: 1 REQUIRED			1	AS THE BUILDING IS CIVIC USE AND LESS THAN 25,000 GSF, A LOADING BERTH IS TECHNICALLY NOT REQUIRED. THIS NEEDS TO BE REVIEWED WITH CLIENT/USER		
LANDSCAPE ORDINANCE									
PARKWAY PLANTING - (1 TREE PER 25' OF FRONTAGE)			EXISTING TO REMAIN	EXISTING TO REPLACE	ADDITIONAL NEW PROVIDED				
S. CALLMET R.O.W. FRONTAGE LENGTH (15' WIDE SIDEWALKS) / TREES	17-11-0103-A	255.00	10	3	0	6	ADDITIONAL TREES BEYOND THIS NUMBER CANNOT BE PROVIDED DUE TO MINIMUM DRIVEWAY AND STREET LIGHT UTILITY OFFSET REQUIREMENTS. UNDERGROUND UTILITIES (GAS LINE) TO BE INVESTIGATED TO ESTABLISH VIABILITY OF TREE PLACEMENT.		
TOTAL NUMBER OF TREES REQUIRED			16						
TOTAL NUMBER OF PARKWAY TREES PROVIDED			9	3	0	6			
PARKING LOT AND VEHICULAR USE AREA SCREENING									
PERIMETER LANDSCAPE AREA									
PARKING LOT STREET FRONTAGE (L.F.)		61.00							
STREET FRONTAGE L.F. LANDSCAPE AREA PROVIDED		39.00							
PERIMETER LANDSCAPE AREA		39.00					SEE PLAN	MINIMUM 2'-5" HIGH / 4'-0" MAX. HIGH HEDGE / 12" HIGH MAX. AT SIGHT TRIANGLES	
CONTINUOUS SCREENING HEDGE			24" H SHRUBS SPACED 36" O.C. MAX.				SEE PLAN	OWNER TO MAINTAIN HEDGE BETWEEN 30" AND 48" AT MATURITY	
NUMBER OF TREES REQUIRED- 1 PER 25 L.F. OF FRONTAGE		61.00	2	0	0	2			
INTERNAL PLANTING									
PARKING LOT VEHICULAR USE AREA (S.F.)	17-11-0203-A	13259.00				13,259	485 SF OF 995 SF TOTAL PROVIDED AT NORTH LOT EDGE PERIMETER TO MAXIMIZE NUMBER OF PARKING SPACES AND AS BUFFER TO ADJACENT COMMERCIAL PROPERTY		
INTERNAL PLANTING AREA (S.F.) 17.5% OF VEHICULAR USE AREA			13259 x 0.075=995SF REQUIRED			1171			
REQUIRED TREES: 1 PER 125 S.F. OF REQUIRED INTERNAL LANDSCAPE AREA			1171 / 125=9 REQUIRED			9			
FENCING									
PARKING LOT STREET FRONTAGE	17-11-0202-C	61.00	4' H ORNAMENTAL METAL FENCE			4'	4' H ORNAMENTAL METAL FENCE (6 FT HIGH AS ALLOWED BY ZONING ADMINISTRATOR FOR SECURITY CONCERNS)		
PARKING LOT TO ADJACENT RESIDENTIAL PROPERTY			6' HIGH WOOD OR MASONRY FENCE			NA	(NA) NOT APPLICABLE		
TRASH AND ELEC. TRANSFORMER ENCLOSURE / SCREENING	17-11-0300		6' HIGH MASONRY WALL ENCLOSURE WITH OPAQUE GATES. WALL PERIMETER TO BE PLANTED WITH VINES			6 FT HIGH MASONRY ENCLOSURE WALLS WITH OPAQUE METAL GATES			

PLUMBING FIXTURE COUNT (PER IL ADMIN CODE PART 890 APPENDIX A IL PLUMBING CODE)									
COMMUNITY USE, ASSEMBLY / EXHIBITION									
OCCUPANT LOAD: 14,640 NSF / 50 SF/PERSON = 292	MALE OCCUPANTS: 146			FEMALE OCCUPANTS: 146			ALL-GENDER		
	FIXTURES	REQUIRED	ACTUAL	FIXTURES	REQUIRED	ACTUAL			
WATER CLOSETS	S+150 OVER 110	6	2	S+150 OVER 110	6	8			
URINALS	SUBSTITUTE UP TO 3	4	NA	NA	NA	NA			
LAVATORIES	S+150 OVER 125	6	4	NA	NA	NA			
DRINKING FOUNTAINS	REQUIRED: 1 PER 75 = 4, ACTUAL: 4	7	4						
SERVICE SINKS	REQUIRED: 1 PER FLOOR = 2, ACTUAL: 2	2							
1. URINALS MAY BE SUBSTITUTED FOR MALE WATER CLOSETS NOT TO EXCEED HALF THE REQUIRED TOTAL									
2. SPACES CONSIDERED NONCONCURRENT USE: STORAGE, ELECTRICAL/MECHANICAL ROOMS, RESTROOMS, STAIRWELLS, CORRIDORS.									
3. THE IL ADMIN CODE PART 890 APPENDIX A IL PLUMBING CODE MAY BE SUBSTITUTED FOR THE CHICAGO PLUMBING CODE.									
PLUMBING FIXTURE COUNT (PER CHICAGO PLUMBING CODE)									
OCCUPANCY/USE: A-3 COMMUNITY CENTER									
OCCUPANT LOAD: 14,640 NSF / 20 SF/PERSON = 732	MALE OCCUPANTS: 366			FEMALE OCCUPANTS: 366			ALL-GENDER		
	FIXTURES	REQUIRED	ACTUAL	FIXTURES	REQUIRED	ACTUAL			
WATER CLOSETS	3+150 OVER 90	9	2	4+130 OVER 100	13	6			
URINALS	SUBSTITUTE UP TO 4	4	NA	NA	NA	NA			
LAVATORIES	1 PER 50	7	4						
DRINKING FOUNTAINS	REQUIRED: 1 PER 500 = 2, ACTUAL: 4	4							
SERVICE SINKS	REQUIRED: 1, ACTUAL: 2	2							
1. URINALS MAY BE SUBSTITUTED FOR MALE WATER CLOSETS NOT TO EXCEED HALF THE REQUIRED TOTAL									
B. SPACES CONSIDERED NONCONCURRENT USE: STORAGE, ELECTRICAL/MECHANICAL ROOMS, RESTROOMS, STAIRWELLS, CORRIDORS.									

ZONING INFORMATION			UNDERLYING ZONE	PROPOSED PROJECT
ZONING DISTRICT			B3-3 (Community Shopping District)	Special Use
BUSINESS DISTRICTS				
Allowed Uses 12-2-0201 Use Table and Standards			Community Centers allowed by Special Use	Special Use Permit Required
Bulk and Density Standards				
Floor Area Ratio (FAR) (17-3-043-A)			Maximum FAR-3.0	Existing Site Area: 64,614/2=32,307 SQ SF Total Building Area: 24,500 SF FAR Calculation: 24,500 SF / 32,307 SF = 0.76 FAR 3.0+20%=>3.8
FAR of Public and Civic Uses (17-13-1003-C)			The Zoning Administrator is authorized to approve an administrative adjustment to allow any permitted Public and Civic use in an B or C district to exceed the applicable FAR by up to 20% over the otherwise applicable maximum.	
SETBACKS	Front: (17-3-0404)	S. Calumet Ave. (West side of site)	No front setback is required in B or C districts, except on B- or C-zoned lots abutting R-zoned lots that have lot frontage on the same street. The required front setback in those cases must equal at least 50% of the front yard that exists on the abutting R-zoned lot. If the abutting R-zoned lot is vacant, the 50% must be calculated on the basis of the abutting lot's required front setback.	
	Side: (17-3-0406)	Neighboring parking lot (North side of site)	No side setbacks are required in B and C districts, except when B- or C- zoned property abuts R-zoned property, in which case the side setback required for a residential use on the R- zoned lot applies.	
	Side: (17-3-0408)	Neighboring senior living (South side of site)	No side setbacks are required in B and C districts, except when B- or C- zoned property abuts R-zoned property, in which case the side setback required for a residential use on the R- zoned lot applies.	
	Rear: (17-3-0405-B2)	Alley (East side of site)	When the rear property line of B- or C-zoned property abuts a rear property line of R-zoned property, the minimum rear setback for the B- or C- zoned property is 16 feet. In such cases, the rear setback may begin 15 feet or one story above grade, whichever is lower.	
	Other Setbacks, Admin. Adjustment (17-13-1003-I)		The Zoning Administrator is authorized to approve an administrative adjustment to permit a reduction of up to 50% in the depth of any setback required by the applicable zoning district regulations when such reduction would match the predominate yard depth of existing buildings on the block.	
Building Height (17-3-0408-A)			Varies by lot frontage and whether there is ground floor commercial space.	Lot Frontage >50', w/Commercial = 65' Max Height Lot Frontage <50', w/Commercial = 60' Max Height
Height Increase for Transit-Served Locations (17-3-0408-B)			Within 2,640' rail or 1,320' bus. Requires a Type I Zoning Map Amendment.	Lot Frontage >160', w/Commercial = 75' Max Height Lot Frontage <50', w/Commercial = 70' Max Height
OFF-STREET PARKING AND LOADING				
Automobile Parking:				
(17-10-0207-E) Off-Street Parking Schedule			1 per 3 employees + additional parking and drop-off spaces as determined by DZLUP.	38 parking spaces + 2 accessible spaces = 40 total spaces
(17-10-0902-A) Accessible Parking, Nonresidential Occupancy (17-10-1001) Dimensions (90 degree parking)			Min. Number of Accessible Spaces: 1-25: 1, 26-50: 2 Stall Depth: 18' Aisle Width: 22' Stall Width: 8'	2 accessible spaces
Bicycle Parking:				
(17-10-0207-E) Off-Street Parking Schedule			1 per 10 Auto spaces; minimum 4 spaces; may use up to (2) vehicle spaces req'd as space for providing bicycle parking (17-10-0302-C).	4 spaces
Table (17-10-0302) Design and Location			2'W x 6'L x 7'H each	
Loading Berths:				
(17-10-1101) Schedule of Minimum Requirements			Required Loading Spaces: 0 - 24,999 gsf = none 25,000 - 199,999 gsf = 1	<50,000 SQ FT = 10x 26' Loading Space >50,000 SQ FT = 10x 65'

Project: DFSS Regional Senior Center							Date: 6/18/2025
CITY OF CHICAGO DEPARTMENT OF BUILDINGS CODE MATRIX							
Public Building Commission of Chicago: DFSS Regional Senior Center, 47118, Calumet Ave							
PROJECT DESCRIPTION							
The scope of work provides for constructing a new approximately 24,587 sq. ft., two story senior center. The proposed building will include a community room, a dining room with warming kitchen, a fitness room, and various classrooms / administrative spaces. The project will also include site improvements, landscaping, and access walkways.							
The existing site has no above-ground structures so demolition will be limited to removal of existing paving.							
GENERAL BUILDING REQUIREMENTS Per Chicago Zoning Ordinance(CZO) and Chicago Building Code (CBC) 2019 Edition							
ITEM	ISSUE	CHAPTER/ARTICLE	Ordinance Requirement	Actual	Location/Sheet No.	Agency/ Test No.	REMARKS
BUILDING REQUIREMENTS							
2.01	Occupancy Classification(s)	Section 305	-	Assembly Group A-3			Community hall
2.02	Height and Area Limitations						
a.	Height	Ch 5, Table 504.3 Table 504.4	85 FTA-story	TBD			Fully sprinkled
b.	Area	Ch 5, Table 506.2	48,000 SF	24,587			Fully sprinkled
2.03	Types of Construction	Ch 6, Table 601	Type II - A: Fire-Resistive	Type II - A: Fire-Resistive			Non-combustible, unprotected
2.04	Mixed Occupancy Separations	Section 508.3.3	Group A occupancies <300 people = 1 hr separation unless sprinkled	Fully sprinkled			
2.05	Fire Resistance Requirements	Ch 6, Table 601					
a.	Primary structural frame		1 Hour	1 Hour			
b.	Bearing walls - exterior		1 Hour	n/a			No Exterior Bearing Walls
c.	Bearing walls - interior		1 Hour	0 Hour			No Interior Bearing Walls
d.	Non bearing walls - exterior	Ch 6, Table 602	0 Hour @ 30'	0 Hour			
e.	Non bearing walls - interior		0 Hour	0 Hour			
f.	Floor construction		1 Hour	1 Hour			
g.	Roof construction		1 Hour	1 Hour			
2.06	Elevator Framing	Section 713.4	1 Hour <4 Stories	1 Hour			Elevator Shaft and framing is 1 hour rated
2.07	Mezzanine Floor		n/a	n/a			No mezzanine floor
2.08	Basement Construction		n/a	n/a			No basement
2.09	Driveways & Loading Spaces						
2.10	Fire Resistance Requirements- interior partitions	Section 706					
a.	Fire Walls - Construction	Section 706	4 Hours	n/a			No fire walls
b.	Parapets	Section 708.1.1	1 Hour	n/a			No rated wall to match
c.	Stairway Enclosures	Section 713.4	1 Hour	1 Hour	U 419		Stair connecting 2 stories
d.	Elevator and escalator enclosures	Section 713.4	1 Hour	1 Hour	U 906		Connecting less than 4 stories
	Protection of openings	714, Table 716.1(2)	Match rating	1 Hour, 2 Hour			
	Enclosures of Heating Rooms	Table 509	2 Hours	1 Hour	U 419		
	Enclosures of Storage Rooms	Table 509	1 Hour (sprinkled)	1 Hour (sprinkled)			
	h. Finishes						
	Interior wall and ceiling finishes	Section 803.1.1	Varies, see below				
	Stairway and Elevator shafts	Table 803.13	Class A	Class A	NFPA 286		Class A: 0-25 flame spread rating; smoke developed 0 - 450
	Public Lobbies and Corridors	Table 803.13	Class B	Class B			Class A: 0-25 flame spread rating; smoke developed 0 - 450
	Room & Enclosed Spaces	Table 803.13	Class C	Class C			Not more than 10% of any specific wall or area
	Interior Trim	Section 806.7	Class C	Class C			
	Floor Coverings	Section 804.4.2	Class II	Class II	NFPA 286		803.1.1.1 - NFPA 286 Acceptance criteria
2.11	Fire Protection Equipment	Chapter 9					
a.	Sprinkler Systems	Section 903.2.1.3	Required	Provided			See fire protection drawings
EXIT REQUIREMENTS							
3.01	Types of Exits	Chapter 10	Allowable: vertical and horizontal exits	Vertical and horizontal exits			
3.02	Minimum Number of Exits	1006.1	Minimum of 2 Exits required	2 Exits to be provided			2 Exits from each floor, 2 exits from specific spaces
a.	Exception	1006.2.1	Minimum of 1 exit required	1 or 2 Provided			<50 Occupants and < 4000 of and < 75 feet interior travel distance
b.	Assembly room	Table 1004.5, 1006.2.1	51-300 > Occupants Minimum of 2 exits required	2 Exits provided			For occupant loads > 300
3.03	Travel Distance to Exits	Table 1017.2	200 Feet w/sprinkler system	<250 Feet w/sprinkler system			
a.	Increases Permitted	Table 1017.2.1	Not permitted	Not permitted			
b.	Dead End Corridor	Section 1020.4	20 Feet	20 Feet			*Except where length is less than 2.5 times the corridor width
3.04	Capacity of Exits						
a.	Stairs and vertical exits	1005.3.1	0.2 inches per occupant / sprinklered	See life safety plans			sprinklered bldg
b.	Doorways, outside exits, horizontal exits.	1005.3.2	0.15 inches per occupant / sprinklered	See life safety plans			Min 32" clear opening at doorway for accessibility. Door capacity at 0.15 as sprinklered bldg
3.05	Minimum Width of Exits						
a.	Exit Doors	1005.3.2	Min 32" Clear, 0.15 in per occupant / sprinklered	See life safety plans			See Floor plans and door schedule
b.	Stairs and corridors	Table 1006.2	Minimum 44"	44"			See Floor plans and door schedule
3.06	Swing of Exit Doors	1010.1.2.1	90+ Occupants in direction of exit travel	in direction of exit travel			Applies to exit and access regardless of occupant load
3.07	Hardware	1010.1.9	Exit doors open without key	Exit doors open without key			
a.	Assembly Units	1010.9.4	<300 occupants (B) locks permitted, ANSI approval	Power-Devices Provided			
b.	Finish		Knurled handles when leading to hazard areas	Knurled handles when leading to hazard areas			Utility / mechanical spaces
3.08	Revolving Doors	1010.1.4.1	n/a	n/a			Revolving door not provided
3.09	a. Landings	1011.6	Width not less than width of doorway served	Width not less than width of doorway served or 48" min			
b.	Handrails	1014	Handrails required	Provided			Shall be between 34"-38" above nosing
c.	Construction	1011	Consistent with type	Non - combustible			
d.	Enclosures (Stair #1 + Stair #42)	Section 713.4	1 Hour	1 Hour			Stair Connecting <4 Stories
e.	Enclosures (Stair #3)	1019.3(1)	Enclosure not required	n/a			Stair enclosure not required as connecting only 2 stories (2nd to 1st/stair floor)
f.	Heat Room	1011.3	Minimum 7'-0"	Minimum 7'-0"			

OCCUPANCY CLASSIFICATION: A-3 COMMUNITY HALL
OCCUPANCY CONTENT

Number	Name	Area	Occ.	Occ. Load Factor	Occ. Load	Primary Exit
FIRST FLOOR						
102	LOBBY	944 SF				1,2
103	RECEPTION	190 SF	100	GROSS	1	1,2
104	NURSE	115 SF	100	GROSS	1	1,2
105	OFFICE	116 SF	100	NET	1	1,2
106	BLDG. ENG.	116 SF	100	NET	1	2
107	ELEC.	181 SF	300	GROSS	1	2
108	COMMUNITY LOUNGE	890 SF	20	NET	48	1
110	STORAGE	132 SF	300	GROSS	1	2
111	JAN.	52 SF	300	GROSS	1	2
112	ALL GENDER	63 SF			1	2
115	WOMEN	199 SF			1	1
116	MEN	199 SF			1	1
117	MECH	103 SF	300	GROSS	1	4
118	LOCKERS	73 SF	50		1	4
120	WM KITCHEN	443 SF	200	GROSS	2	4
121	DRY STORAGE / WASHING	224 SF	300		1	4
122	DINING ROOM	2197 SF	15		152	6
123	INDOOR PATIO	718 SF	15	NET	49	9
125	STORAGE	91 SF	300	GROSS	1	9
127	MULTIPURPOSE RM #2 (MPR #2)	979 SF	15	NET	57	9
128	MULTIPURPOSE RM #1 (MPR #1)	704 SF	15	NET	48	1
131	GIFT SHOP	244 SF	50	NET	3	1
132	COURTYARD	1932 SF	20		97	
133	COATS	29 SF	300	GROSS	1	2
136	HALL	493 SF	15	NET	32	
146	WATER RM	85 SF				
TOTAL:		11,523 SF			469 PEOPLE	



**DFSS BRONZEVILLE
REGIONAL SENIOR CENTER**

4711 - 4755 S. CALUMET AVE.
CHICAGO IL, 60615

PUBLIC BUILDING COMMISSION
CITY OF CHICAGO, MAYOR BRANDON JOHNSON

DESIGN ARCHITECT:



ADDRESS: 233 N. MICHIGAN AVE, #1900
CHICAGO, ILLINOIS 60601
PHONE: 312.856.1970
FAX: 312.856.1978
WEB: WWW.RADA-ARCH.COM

ARCHITECT OF RECORD:

MEP/FP ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

STRUCTURAL ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

CIVIL ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

LANDSCAPE ARCHITECT
TGDA Landscape Architecture
3233 W. Le Moine Street, #1
Chicago, IL 60651

FOOD SERVICE CONSULTANT
S20 Consultants
530 N. Wood Street, #C
Chicago, IL 60622

MARK	DESCRIPTION	DATE
1	100% SD	08/15/25

PBC Project Name: DFSS BRONZEVILLE REGIONAL SENIOR CENTER

PBC Contract No: 10030

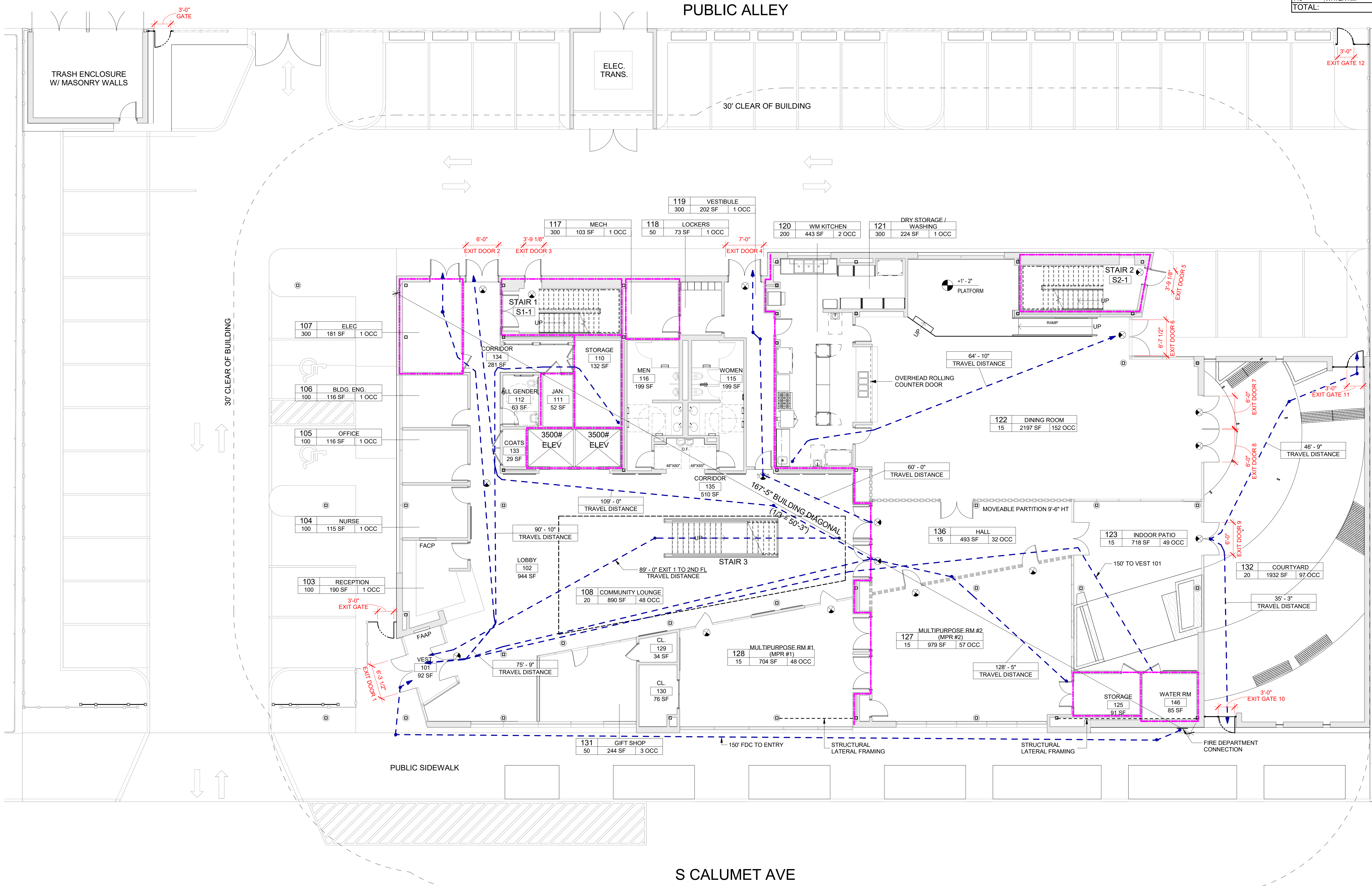
Project No: H-93

Title

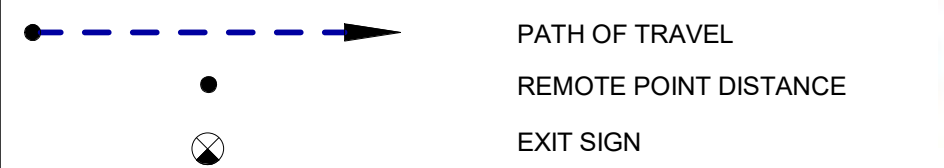
**CODE COMPLIANCE -
FIRST FLOOR PLAN**

Sheet

G-102



LIFE SAFETY LEGEND



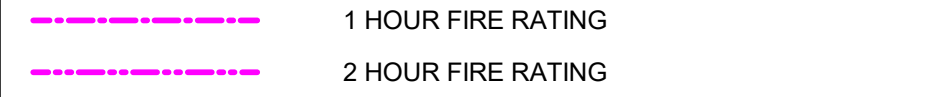
MAXIMUM TRAVEL DISTANCE

IBC 2018 TABLE 1017.2	
CLASS B	250 FEET W/ SPRINKLER SYSTEM
CLASS S-1	250 FEET W/ SPRINKLER SYSTEM
CLASS S-2	400 FEET W/ SPRINKLER SYSTEM
NFPA 101 CHAPTERS 38 & 42	
CLASS B	300 FEET W/ SPRINKLER SYSTEM
CLASS S-1	400 FEET W/ SPRINKLER SYSTEM
CLASS S-2	400 FEET W/ SPRINKLER SYSTEM
PROVIDED	
MAXIMUM TRAVEL DISTANCE PROVIDED	
162'-8" (W/ SPRINKLER SYSTEM)	

EXITING CAPACITY (DOORS)

EXIT NO.	WIDTH (IN)	EGRESS CAP. FACTOR	EXIT CAPACITY	ACTUAL LOAD
1	72		480	267
2	72		480	3
3	40		266	-
4	84		560	5
5	40		266	-
6	72		480	51
7	72		480	51
8	72		480	50
9	72		480	49
10	36		240	49
11	36		240	49
12	36		240	-
TOTAL				574

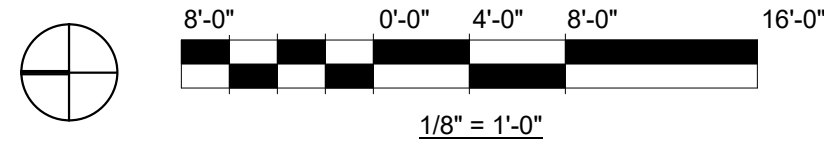
FIRE RATINGS LEGEND



LEGEND

ROOM NUMBER	ROOM NAME	ROOM SF	OCCUPANCY LOAD
101	LOBBY	150 SF	150 OCC
LOAD FACTOR (SF/OCC)			
N: NET			
G: GROSS			

1 FIRST FLOOR LIFE SAFETY PLAN
SCALE: 1/8" = 1'-0"
TOTAL SITE AREA: 32,305 GSF



DESIGN ARCHITECT:



ADDRESS: 233 N. MICHIGAN AVE, #1900

CHICAGO, ILLINOIS 60601

PHONE: 312.856.1970

FAX: 312.856.1978

WEB: WWW.RADA-ARCH.COM

ARCHITECT OF RECORD:

MEP/FP ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

STRUCTURAL ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

CIVIL ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

LANDSCAPE ARCHITECT
TGDA Landscape Architecture
3233 W. Le Moine Street, #1
Chicago, IL 60651

FOOD SERVICE CONSULTANT
S20 Consultants
530 N. Wood Street, #C
Chicago, IL 60622

Issuance		
MARK	DESCRIPTION	DATE
1	100% SD	08/15/25

PBC Project Name: DFSS BRONZEVILLE
REGIONAL SENIOR CENTER

PBC Contract No: 10030

Project No: H-93

Title

CODE COMPLIANCE -
SECOND FLOOR
PLAN

Sheet

G-103

OCCUPANCY CLASSIFICATION: A-3 COMMUNITY HALL

OCCUPANCY CONTENT						
Number	Name	Area	Occ.	Occ. Load Factor	Occ. Load	Primary Exit
SECOND FLOOR						
201	ACTIVITY ROOM #1	681 SF	15	NET	43	3
202	ACTIVITY ROOM #2	664 SF	15	NET	43	3
203	CONFERENCE ROOM	431 SF	20	NET	20	3
204	ADMIN. OFFICES	423 SF	100	NET	4	3
205	OFFICE	150 SF	100	NET	1	3
206	OFFICE	137 SF	100	NET	1	3
207	OFFICE	153 SF	100	NET	1	3
210	MDF	132 SF	300	GROSS	1	3
211	JAN.	48 SF	300	GROSS	1	3
212	ALL GENDER	63 SF				3
215	WOMEN	199 SF				1
216	MEN	199 SF				1
217	STORAGE	318 SF	300	GROSS	1	1
218	FITNESS STORAGE	208 SF	300	GROSS	1	1
219	MOVIE ROOM	736 SF	15	NET	49	1
220	MASSAGE RM	183 SF	50	NET	3	1
221	FITNESS ROOM	1226 SF	50	GROSS	26	1
222	TERRACE	1022 SF	15	NET	72	5
223	GAME ROOM	826 SF	50	NET	17	1
225	TECH CENTER	596 SF	15	NET	38	1
227	COMMUNITY LOUNGE	304 SF	15	NET	20	1
230	HALL	575 SF				
S1-1	STAIR 1	178 SF				3
S1-2	STAIR 1	178 SF				3
S2-1	STAIR 2	184 SF				5
S2-2	STAIR 2	184 SF				5
TOTAL:		10,021 SF			342 PEOPLE	

LIFE SAFETY LEGEND



MAXIMUM TRAVEL
DISTANCE

IBC 2018 TABLE 1017.2	250 FEET W/ SPRINKLER SYSTEM 290 FEET W/ SPRINKLER SYSTEM 400 FEET W/ SPRINKLER SYSTEM
CLASS B CLASS S-1 CLASS S-2	

NFPA 101 CHAPTERS 38 & 42	300 FEET W/ SPRINKLER SYSTEM 400 FEET W/ SPRINKLER SYSTEM 400 FEET W/ SPRINKLER SYSTEM
CLASS B CLASS S-1 CLASS S-2	

PROVIDED	MAXIMUM TRAVEL DISTANCE PROVIDED
	162'-8" (W/ SPRINKLER SYSTEM)

EXITING CAPACITY (STAIRS/DOORS)

CHICAGO CONSTRUCTION CODE 2019 1005.3.2

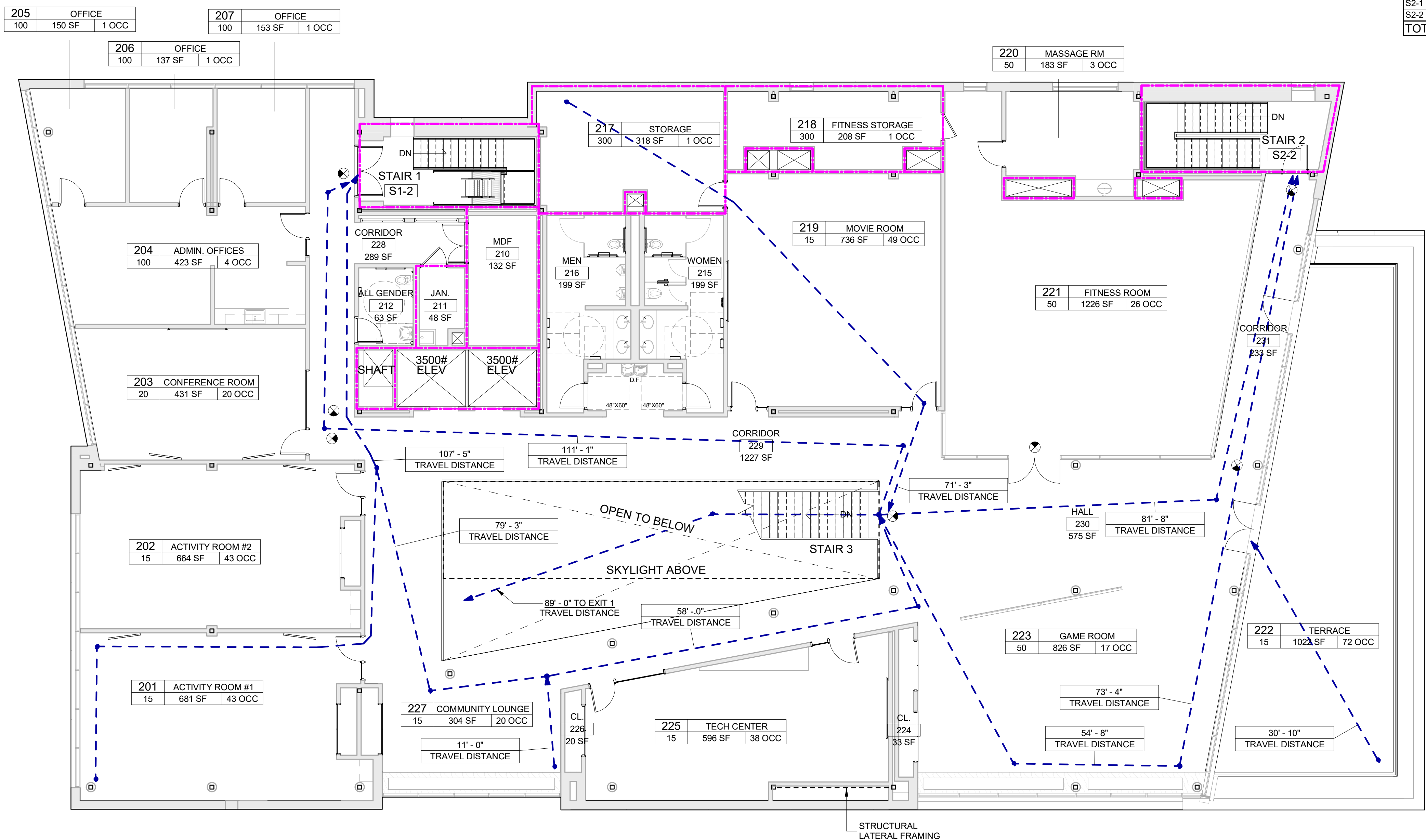
EXIT NO.	WIDTH (IN)	EGRESS CAP. FACTOR	STAIR EXIT CAPACITY	DOOR EXIT CAPACITY	ACTUAL LOAD
STAIR 1	44	0.2 STAIR	220	480	109
STAIR 2	44	0.15 DOORS	220	240	113
STAIR 3	68		340	-	118
TOTAL					340

FIRE RATINGS LEGEND

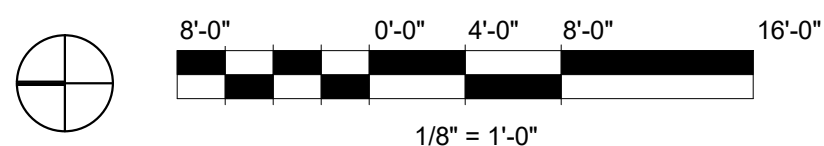
1 HOUR FIRE RATING	
2 HOUR FIRE RATING	

LEGEND

ROOM NUMBER	101	ROOM NAME	150 SF	### OCC
LOAD FACTOR (SF/OCC)	N/NET	ROOM SF		OCCUPANCY LOAD
	G/GROSS			



1 SECOND FLOOR LIFE SAFETY PLAN
SCALE: 1/8" = 1'-0"



PIN: 20-10-105-002
PIN: 20-10-105-003

PIN: 20-10-105-002
PIN: 20-10-105-003



HORIZONTAL AND VERTICAL DATUM

[illegible]

SOURCE: BENCHMARK 100
ELEVATION: 17.53
8.4' W. OF S. ELIZABETH ST. & 9.7' S. OF S. LINE OF W. 47TH ST.
ELEVATION: 14.35

SITE BENCHMARKS:

APPROXIMATE 200' SOUTH OF SOUTH CALUMET AVENUE
ELEVATION: 23.37

APPROXIMATE 200' SOUTH OF SOUTH CALUMET AVENUE
ELEVATION: 18.87

BM 3
CLIP ON BACK OF CURB ON SOUTHWEST CORNER OF SOUTH CALUMET AVENUE AND EAST 47TH AVENUE INTERSECTION
ELEVATION: 17.66

SITE CONTROL: 100' W. OF S. ELIZABETH ST. & 106, 111 & 117 SOUTH HEEDEN WITH NORTHINGS, EASTINGS, AND ELEVATIONS.

ELECTRICITY - COMED (COMMONWEALTH Edison)
 1-800-455-4545
 1-800-334-7651
 1-800-455-4545
 NEW SERVICE / CONSTRUCTION INQUIRIES:
 1-800-334-7651
 OUTSTANDING BILLS:
 1-800-455-4545
 USE THE NAME NUMBER OR VIA COMED WEBSITE
 "CALL BEFORE YOU DIG" PROGRAM
 CALL 811 TO MARK UNDERGROUND
 CALL 811 TO MARK UNDERGROUND ELECTRIC LINES BEFORE EXCAVATING

NATURAL GAS - PEOPLES GAS
 1-800-455-4545
 1-800-334-7651
 1-800-455-4545
 NEW SERVICE / CONSTRUCTION INQUIRIES:
 1-800-334-7651
 OUTSTANDING BILLS:
 1-800-455-4545
 USE THE NAME NUMBER OR VIA COMED WEBSITE
 "CALL BEFORE YOU DIG" PROGRAM
 CALL 811 TO MARK UNDERGROUND
 CALL 811 TO MARK UNDERGROUND GAS LINES BEFORE EXCAVATING

WATER & SEWER - CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT
 1-800-455-4545
 1-800-334-7651
 1-800-455-4545
 NEW SERVICE / CONSTRUCTION INQUIRIES:
 1-800-334-7651
 OUTSTANDING BILLS:
 1-800-455-4545
 USE THE NAME NUMBER OR VIA COMED WEBSITE
 "CALL BEFORE YOU DIG" PROGRAM
 CALL 811 TO MARK UNDERGROUND
 CALL 811 TO MARK UNDERGROUND WATER LINES BEFORE EXCAVATING

PERMITS - CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT
 1-800-455-4545
 1-800-334-7651
 1-800-455-4545
 NEW SERVICE / CONSTRUCTION INQUIRIES:
 1-800-334-7651
 OUTSTANDING BILLS:
 1-800-455-4545
 USE THE NAME NUMBER OR VIA COMED WEBSITE
 "CALL BEFORE YOU DIG" PROGRAM
 CALL 811 TO MARK UNDERGROUND
 CALL 811 TO MARK UNDERGROUND PERMIT RELATE

WATER BULKING & CUSTOMER SERVICE 312-744-4428
 1-800-455-4545
 1-800-334-7651
 1-800-455-4545
 NEW SERVICE / CONSTRUCTION INQUIRIES:
 1-800-334-7651
 OUTSTANDING BILLS:
 1-800-455-4545
 USE THE NAME NUMBER OR VIA COMED WEBSITE
 "CALL BEFORE YOU DIG" PROGRAM
 CALL 811 TO MARK UNDERGROUND
 CALL 811 TO MARK UNDERGROUND WATER LINES BEFORE EXCAVATING

[illegible]

**LAND TITLE SURVEY PREPARED BY
WEAVER CONSULTANTS GROUP IS
PROVIDED FOR INFORMATION ONLY**

WEAVER CONSULTANTS GROUP
1316 BOND STREET SUITE 100
NAPERVILLE, ILLINOIS 60563
(630)-717-4848
www.wcgrp.com

DRAWN BY:	VSP
REVIEWED BY:	MDB
DATE:	6/27/2025
FILE:	1012-336-09
12-336-09_PBC_DFSS_ALTATOPOX	
SHEET 2	OF 3

[illegible]

PREPARED FOR:
**PUBLIC BUILDING
COMMISSION**
of Chicago

50 WEST WASHINGTON STREET, ROOM 200
CHICAGO, IL 60602

Issuance

[illegible]

PBC Project Name: DFSS BRONZEVILLE

PBC Contract No: 10030

Project No: H-93

PLAT OF SURVEY

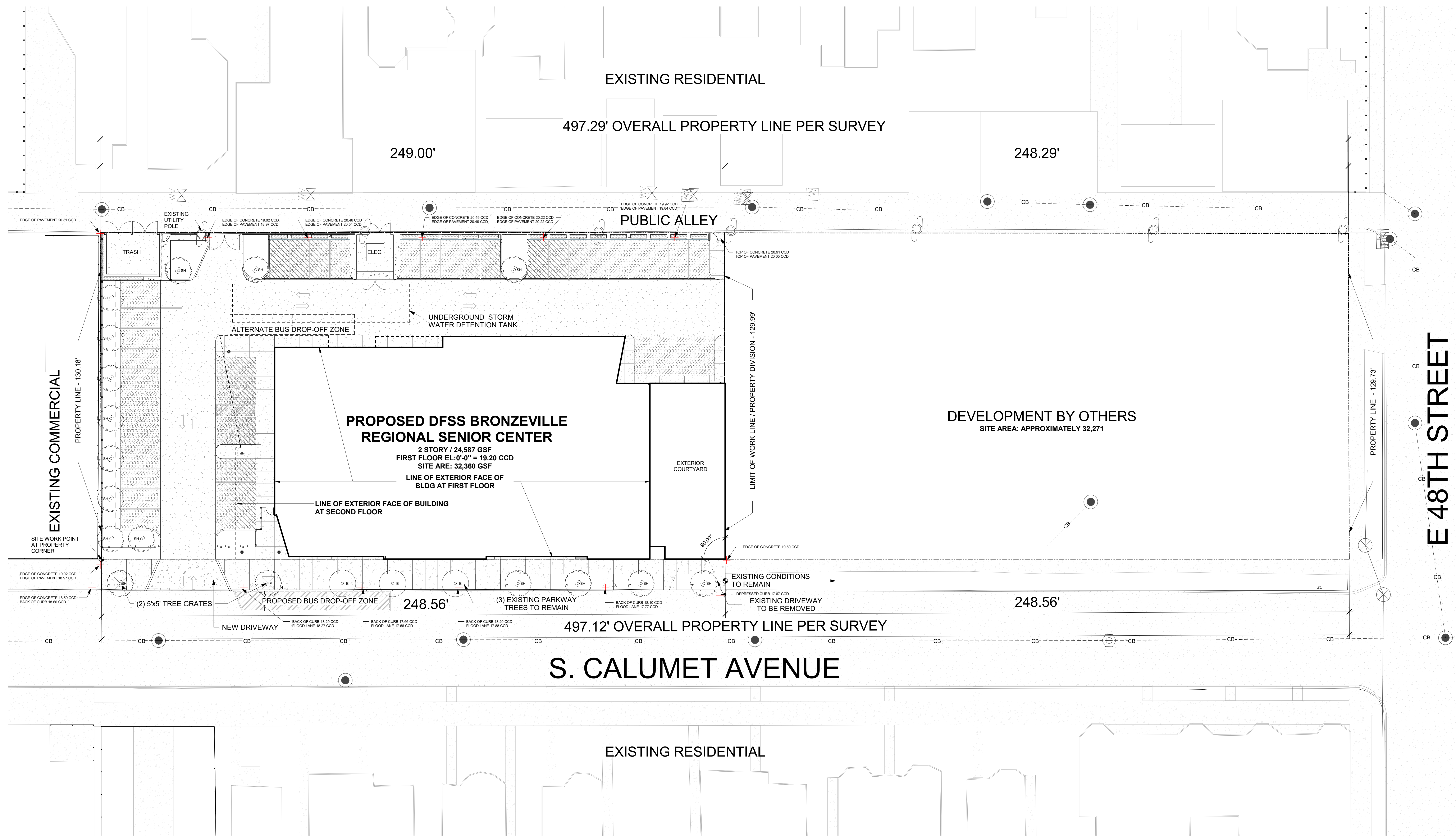
Sheet

G-104



4711 - 4755 S. CALUMET AVE.
CHICAGO IL, 60615

PUBLIC BUILDING COMMISSION
CITY OF CHICAGO, MAYOR BRANDON JOHNSON



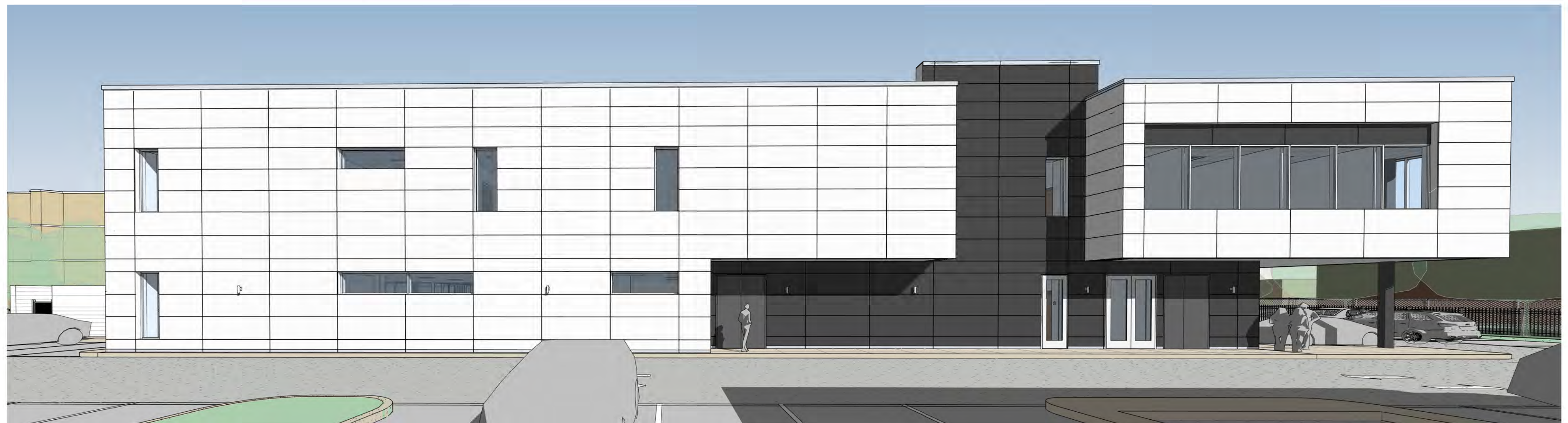
AS101



3 NORTH / EAST FACADE FROM PUBLIC ALLEY
SCALE:



2 WEST FACADE FROM CALUMET AVENUE
SCALE:



1 EAST FACADE VIEW FROM PARKING LOT
SCALE:

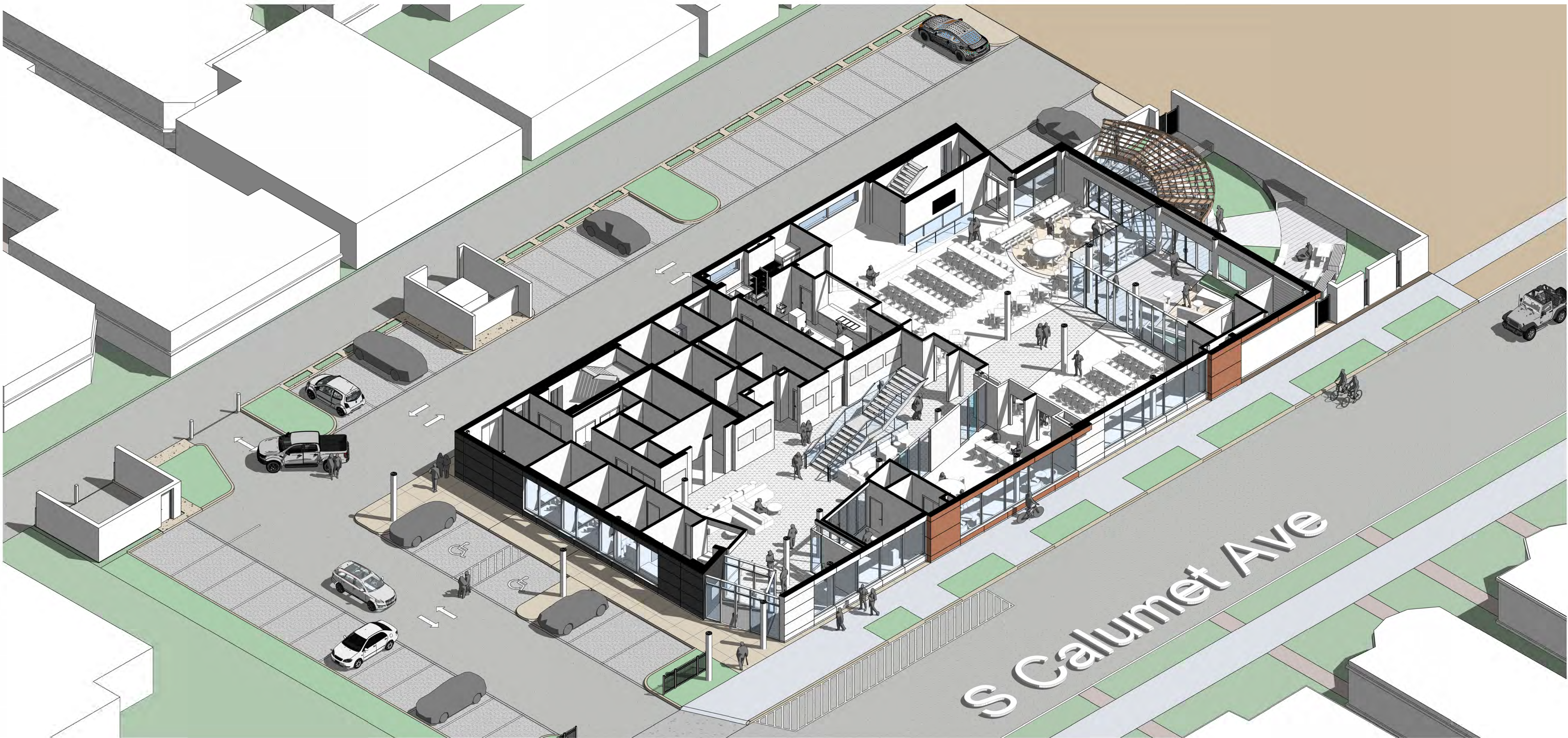
Issuance		
MARK	DESCRIPTION	DATE
1	100% SD	08/15/25



Issuance		
MARK	DESCRIPTION	DATE
1	100% SD	08/15/25



2 SECOND FLOOR AXON VIEW
SCALE:



1 FIRST FLOOR AXON VIEW
SCALE:

**DFSS BRONZEVILLE
REGIONAL SENIOR CENTER**

4711 - 4755 S. CALUMET AVE.
CHICAGO IL, 60615

PUBLIC BUILDING COMMISSION
CITY OF CHICAGO, MAYOR BRANDON JOHNSON

DESIGN ARCHITECT:



ADDRESS: 233 N. MICHIGAN AVE, #1900
CHICAGO, ILLINOIS 60601
PHONE: 312.856.1970
FAX: 312.856.1978
WEB: WWW.RADA-ARCH.COM

ARCHITECT OF RECORD:

MEP/FP ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

STRUCTURAL ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

CIVIL ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

LANDSCAPE ARCHITECT
TGDA Landscape Architecture
3233 W. Le Moine Street, #1
Chicago, IL 60651

FOOD SERVICE CONSULTANT
S20 Consultants
530 N. Wood Street, #C
Chicago, IL 60622

Issuance

MARK	DESCRIPTION	DATE
1	100% SD	08/15/25

PBC Project Name: DFSS BRONZEVILLE
REGIONAL SENIOR CENTER

PBC Contract No: 10030

Project No: H-93

Title

AXON VIEWS

Sheet

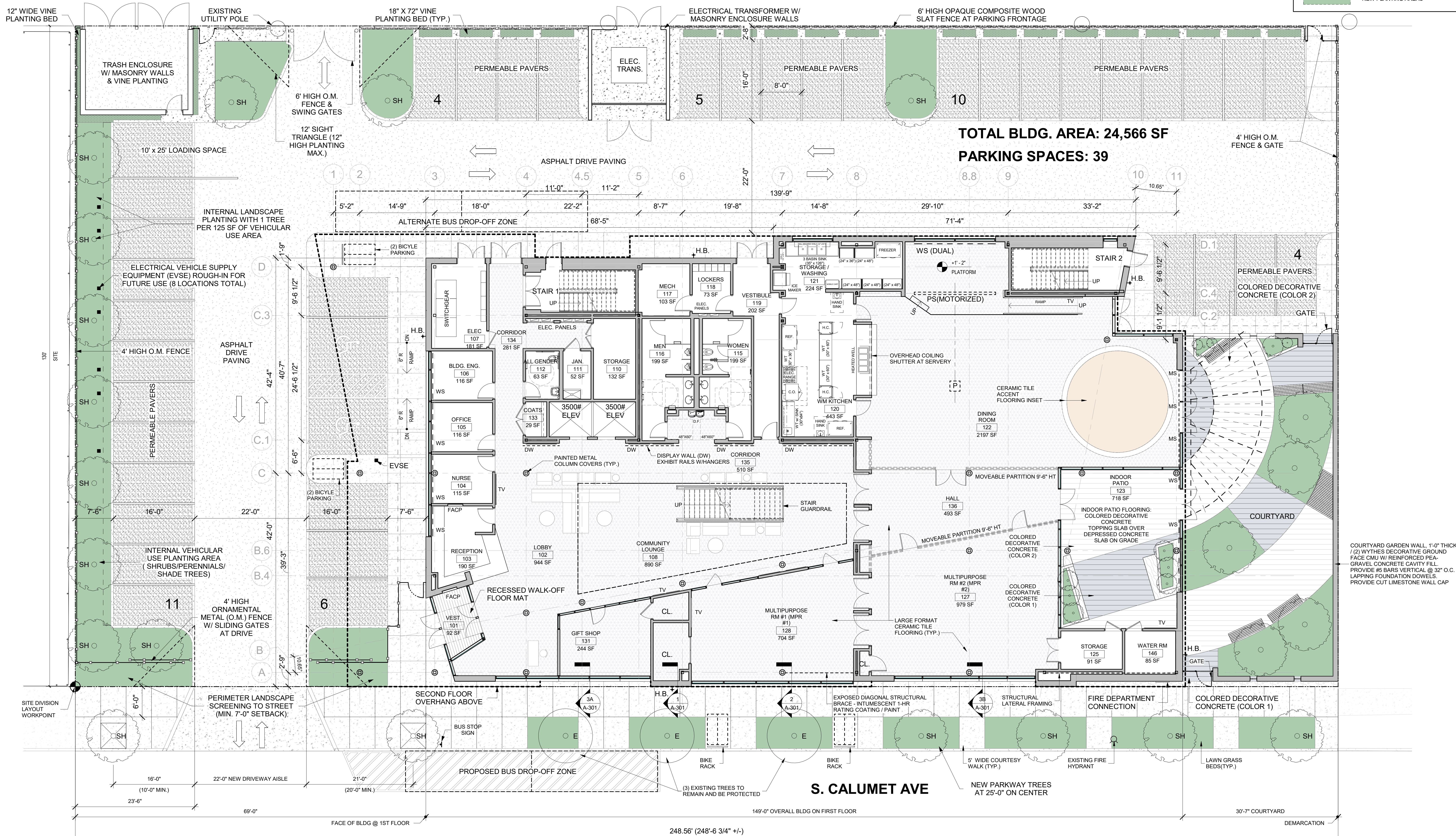
DR-3

ZONING / LANDSCAPE CODE ANALYSIS						
ISSUE / CODE REQUIREMENT	CODE SECTION	UNIT / QTY	REQUIRED / CALCULATION	ACTUAL / PROVIDED		NOTES
BICYCLE PARKING REQUIREMENTS						
OFF-STREET PARKING SCHEDULE	17-10-0302-A / 17-10-0207-E		1 PER 10 AUTO SPACES / 2' W x 6' D x 7' H		4	
OFF-STREET LOADING						
SCHEDULE OF MINIMUM REQUIREMENTS - CIVIC USE GROUP	17-10-1101		0 - 24,999 GROSS FLOOR AREA: NONE REQUIRED 25,000 - 199,999 GFA: 1 REQUIRED		1	AS THE BUILDING IS CIVIC USE AND LESS THAN 25,000 GSF, A LOADING BERTH IS TECHNICALLY NOT REQUIRED. THIS NEEDS TO BE REVIEWED WITH CLIENT/USER.
LANDSCAPE ORDINANCE						
PARKWAY PLANTING - (1 TREE PER 25' OF FRONTAGE)	17-11-0100			EXISTING TO REMAIN	EXISTING TO REPLACE	ADDITIONAL NEW PROVIDED
S. CALUMET R.O.W. FRONTAGE LENGTH (15' WIDE SIDEWALK) / #TREES	17-11-0103-A	255.00	10	3	0	6
ADDITIONAL TREES BEYOND THIS NUMBER CANNOT BE PROVIDED DUE TO MINIMUM DRIVEWAY AND STREET LIGHT UTILITY OFFSET REQUIREMENTS, UNDERGROUND UTILITIES (GAS AND 120V) TO BE REINTEGRATED TO ESTABLISH VIABILITY OF TREE PLACEMENT.						
TOTAL NUMBER OF TREES REQUIRED			10			
TOTAL NUMBER OF PARKWAY TREES PROVIDED			9	3	0	6
PARKING LOT AND VEHICULAR USE AREA SCREENING						
PERIMETER LANDSCAPE AREA	17-11-0200					
PARKING LOT STREET FRONTAGE (L.F.)		61.00				
STREET FRONTAGE L.F. LANDSCAPE AREA PROVIDED		39.00				
PERIMETER LANDSCAPE AREA		39.00	7' W (SHRUB BORDER WITH ORNAMENTAL FENCE SETBACK 9' FROM PROPERTY LINE ALONG CALUMET AVE)			
CONTINUOUS SCREENING HEDGE			24" H SHRUBS SPACED 36" O.C. MAX.			MINIMUM 2.5' HIGH / 4' MAX. HIGH HEDGE / 12" HIGH MAX. AT SIGHT TRIANGLES
NUMBER OF TREES REQUIRED - 1 PER 25 L.F. OF FRONTAGE		61.00	2	0	0	SEE PLAN
INTERNAL PLANTING	17-11-0203-A					OWNER TO MAINTAIN HEDGE BETWEEN 30' AND 48" AT MATURITY
PARKING LOT VEHICULAR USE AREA (S.F.)		13259.00				
INTERNAL PLANTING AREA (S.F.) 7.75% OF VEHICULAR USE AREA			13259 x 0.075 = 995.9 SF REQUIRED		1171	485 SF OF 995 SF TOTAL PROVIDED AT NORTH LOT EDGE PERIMETER TO MAXIMIZE NUMBER OF PARKING SPACES AND AS BUFFER TO ADJACENT COMMERCIAL PROPERTY
REQUIRED TREES: 1 PER 125 S.F. OF REQUIRED INTERNAL LANDSCAPE AREA			1171 / 125 = 9.36 REQUIRED		9	
FENCING						
PARKING LOT STREET FRONTAGE		61.00	4' H ORNAMENTAL METAL FENCE		4'	4' H ORNAMENTAL METAL FENCE (6 FT HIGH AS ALLOWED BY ZONING ADMINISTRATOR FOR SECURITY CONCERNS)
PARKING LOT TO ADJACENT RESIDENTIAL PROPERTY			6' HIGH WOOD OR MASONRY FENCE		NA	(NA) NOT APPLICABLE
TRASH AND ELEC. TRANSFORMER ENCLOSURE / SCREENING	17-11-0300		6' HIGH MASONRY WALL ENCLOSURE WITH OPAQUE GATES. WALL PERIMETER TO BE PLANTED WITH VINES			6 FT HIGH MASONRY ENCLOSURE WALLS WITH OPAQUE METAL GATES

ZONING / LANDSCAPE CODE ANALYSIS					
ISSUE / CODE REQUIREMENT	CODE SECTION	UNIT / QTY	REQUIRED / CALCULATION	ACTUAL / PROVIDED	NOTES
SITE SUMMARY (ALL UNITS ARE SQUARE FEET)					
TOTAL SITE AREA				32,360	
1ST FLOOR BUILDING COVERAGE (GSF)				12,533	
2ND FLOOR BUILDING FLOOR AREA (GSF)				12,064	
TOTAL BUILDING FLOOR AREA (GSF)				24,597	
VEHICULAR USE AREA				13,259	
ASPHALT PAVING				12,000	
CONCRETE PAVING, CURBS + PADS				3,300	
EXTERIOR COURTYARD				2,100	
TOTAL LANDSCAPE AREA EXCLUDING COURTYARD				1,641	
TOTAL SITE IMPERVIOUS AREA				30,015	
TOTAL SITE LANDSCAPE AREA				2,341	
AUTOMOBILE PARKING REQUIREMENTS					
REQUIRED PARKING - 1 PER 3 FULL TIME EMPLOYEES	17-10-0207-E	6	6 EMPLOYEES / 3 = 2 SPACES REQUIRED	39	TOTAL COUNT INCLUDES 2 ACCESSIBLE SPACES
ACCESSIBLE PARKING - NON-RESIDENTIAL OCCUPANCY	17-10-0902-A		1 REQUIRED ACCESSIBLE SPACE: 1 PER FIRST 25 SPACES - 1 FOR EVERY 25 SPACES THEREAFTER		
PARKING STALL DIMENSIONS - 30 DEGREE	17-10-1001		9'-0" x 18'-0" / 22'-0" ASBL	2	ASBL MAY BE REDUCED TO 20'-0" IF STALL WIDTH IS INCREASED TO 8'-6"

FLOOR PLAN LEGEND	
WS	MANUAL WINDOW SHADE
MS	MOTORIZED WINDOW SHADE
PS	CEILING MOUNTED PROJECTION SCREEN
[P]	MOTORIZED CEILING PROJECTOR
DW	DISPLAY WALL EXHIBIT RAILS W/ HANGERS
E	EXISTING TREES
SH	NEW CANOPY TREES
	NEW P.C. CONCRETE PAVING DUMPSTER PAD
	NEW P.C. CONCRETE PAVING
	NEW BITUMINOUS PAVING
	NEW PLANTING AREAS

PUBLIC ALLEY



DFSS BRONZEVILLE REGIONAL SENIOR CENTER

4711 - 4755 S. CALUMET AVE.
CHICAGO IL, 60615

PUBLIC BUILDING COMMISSION
CITY OF CHICAGO, MAYOR BRANDON JOHNSON

DESIGN ARCHITECT:

RADA ARCHITECTS

ADDRESS: 233 N. MICHIGAN AVE. #1900
CHICAGO, ILLINOIS 60601
PHONE: 312.856.1970
FAX: 312.856.1978
WEB: WWW.RADA-ARCH.COM

ARCHITECT OF RECORD:

MEP/FP ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

STRUCTURAL ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

CIVIL ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

LANDSCAPE ARCHITECT
TGDA Landscape Architecture
3233 W. Le Moine Street, #1
Chicago, IL 60651

FOOD SERVICE CONSULTANT
S20 Consultants
530 N. Wood Street, #C
Chicago, IL 60622

MARK	DESCRIPTION	DATE
1	100% SD	08/15/25

PBC Project Name: DFSS BRONZEVILLE REGIONAL SENIOR CENTER

PBC Contract No: 10030
Project No: H-93

Title: **FIRST FLOOR PLAN W/ SITE**

Sheet: **A-101**

**DFSS BRONZEVILLE
REGIONAL SENIOR CENTER**

4711 - 4733 S. CALUMET AVE.
CHICAGO IL, 60615

PUBLIC BUILDING COMMISSION
CITY OF CHICAGO, MAYOR BRANDON JOHNSON

DESIGN ARCHITECT:



ADDRESS: 233 N. MICHIGAN AVE, #1900
CHICAGO, ILLINOIS 60601
PHONE: 312.856.1970
FAX: 312.856.1978
WEB: WWW.RADA-ARCH.COM

ARCHITECT OF RECORD:

MEP/FP ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

STRUCTURAL ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

CIVIL ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

LANDSCAPE ARCHITECT
MGDA Landscape Architecture
 3233 W. Le Moyne Street, #1
 Chicago, IL 60651

FOOD SERVICE CONSULTANT
S20 Consultants
530 N. Wood Street, #C
Chicago, IL 60622

[illegible]

PBC Project Name: **DFSS BRONZEVILLE
REGIONAL SENIOR CENTER**

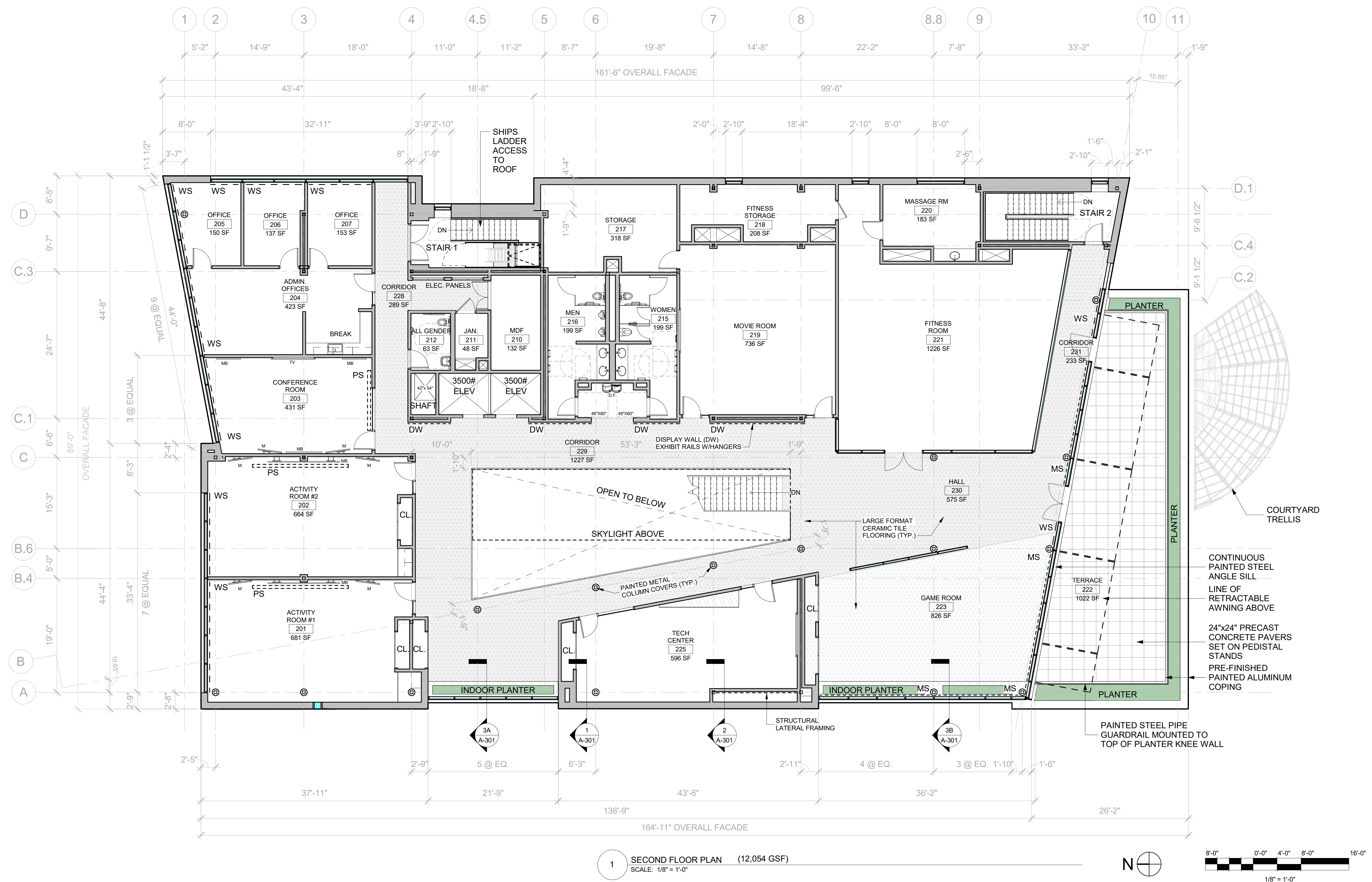
PBC Contract No: 10030

Project No: H-93

SECOND FLOOR PLAN

Sheet

A-102



DESIGN ARCHITECT:



ADDRESS: 233 N. MICHIGAN AVE, #1900
CHICAGO, ILLINOIS 60601
PHONE: 312.856.1970
FAX: 312.856.1978
WEB: WWW.RADA-ARCH.COM

ARCHITECT OF RECORD:

MEP/FP ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

STRUCTURAL ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

CIVIL ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

LANDSCAPE ARCHITECT
TGDA Landscape Architecture
3233 W. Le Moine Street, #1
Chicago, IL 60651

FOOD SERVICE CONSULTANT
S20 Consultants
530 N. Wood Street, #C
Chicago, IL 60622

Issuance

MARK	DESCRIPTION	DATE
1	100% SD	08/15/25

PBC Project Name: DFSS BRONZEVILLE
REGIONAL SENIOR CENTER

PBC Contract No: 10030

Project No: H-93

Title

ROOF PLAN

Sheet

A-111

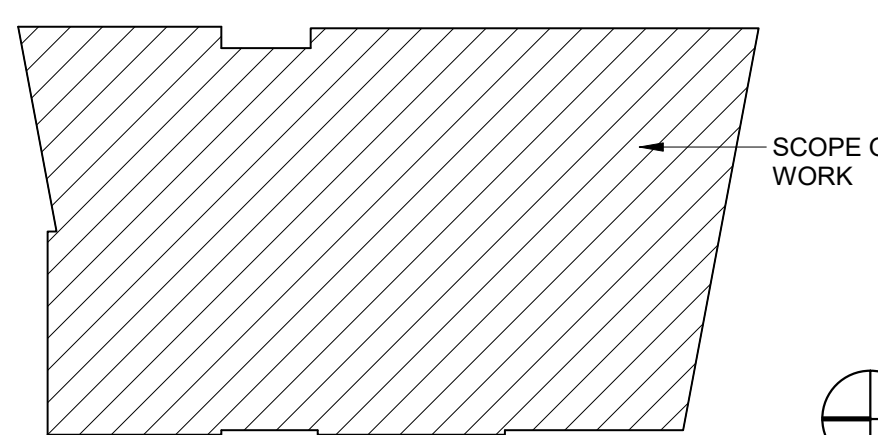
GENERAL ROOF NOTES

- ALL INSULATION JOINTS, HORIZONTAL AND VERTICAL, ARE TO BE STAGGERED.
- ALL INSULATION JOINTS GREATER THAN 1/4" ARE TO BE FILLED W/ INSULATION STRIPS.
- ALL ROOF PENETRATIONS, INCLUDING VENT STACKS, ROOF CURBS, AND PIPE SUPPORT CURBS ARE TO BE A MINIMUM OF 14" ABOVE THE ROOF MEMBRANE SURFACE.
- FIELD VERIFY ALL CONDITIONS PRIOR TO SUBMITTING SHOP DRAWINGS INCLUDING TAPERED INSULATION DRAWINGS W/ ALL DRAIN LOCATIONS.
- ALL COUNTERFLASHING, COPING, AND MISC. METAL FLASHING PIECES ARE TO HAVE SEALANT APPLIED AT THEIR END CONDITIONS.
- ALL EXPOSED FASTENERS TO BE CORROSION RESISTIVE, HAVE NEOPRENE WASHERS, AND BE COVERED W/ SEALANT FOLLOWING ARCHITECT'S APPROVAL.
- APPLY MEMBRANE MANUFACTURER'S SEALANT OVER FASTENER HEADS AT BASE FLASHING SECUREMENT.
- DRAINS TO BE FLASHED AS PER MANUFACTURER'S SPECIFICATIONS.
- PROVIDE COUNTERFLASHING FOR ALL VERTICAL FLANGES ON ENDWALL FLASHING PIECES.
- WHEN CONDITIONS REQUIRE END WALL FLASHING TO BE INSTALLED, COORDINATE INSTALLATION SO THAT END WALL FLASHING AND COUNTERFLASHING COVERING IT ARE NOT DOUBLE FASTENED - ONLY ONE FASTENER IS REQUIRED TO SECURE BOTH PIECES.
- SCREW FASTENERS FOR INSULATION ARE TO BE INSTALLED THROUGH TOP FLUTES OF METAL DECK ONLY.
- ALL WOOD BLOCKING TO BE PRESSURE TREATED. ALL CONNECTIONS MITERED AND SCREWED, UNLESS NOTED OTHERWISE.
- ALL COPING JOINTS TO ALIGN WITH CENTER OF METAL PANEL JOINTS AND MULLIONS, UNLESS NOTED OTHERWISE.
- REFER TO "ROOF PLAN LEGEND" ON SHEET G-201

ROOF PLAN LEGEND

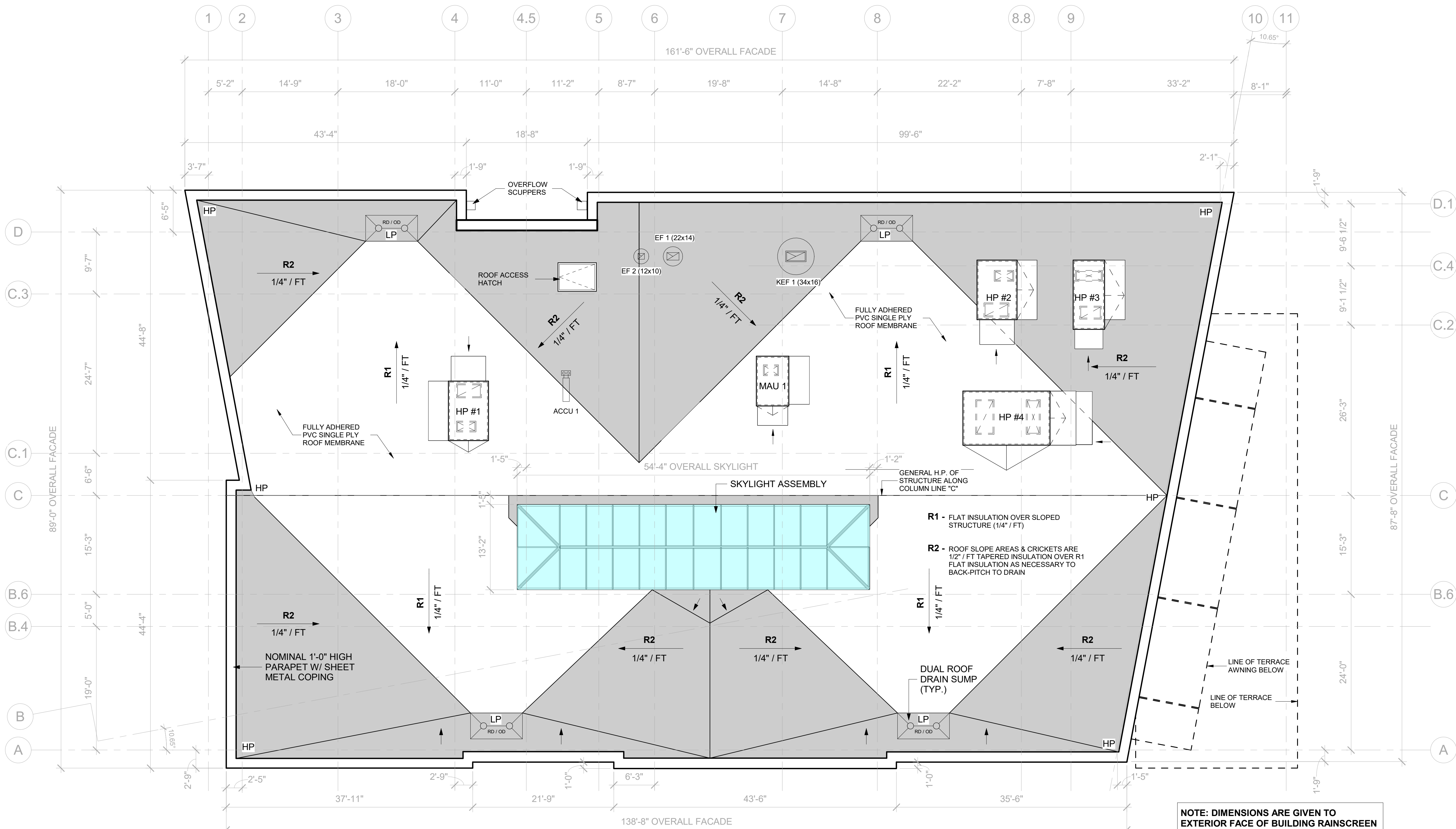
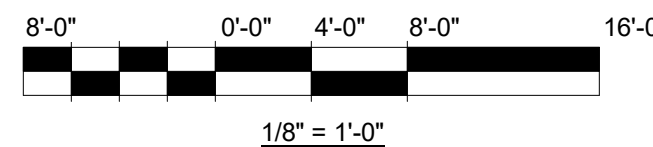
- AREA OF SLOPED STRUCTURE
- AREA OF SLOPED INSULATION
- ROOF DRAIN SUMP WITH OVERFLOW DRAIN
- FLUE
- VENT PIPE ROOF PENETRATION - REFER TO PLUMBING DWGS
- DSPN DOWNSPOUT NOZZLE
- DS DOWNSPOUT
- TAPERED INSULATION
- AREA OF CONCRETE FILLED METAL DECK
- EXHAUST FAN
- AC CONDENSER UNIT

KEY PLAN



SCOPE OF WORK

NOTE: DIMENSIONS ARE GIVEN TO EXTERIOR FACE OF BUILDING OVERSCREEN PANEL FACE, NOT TO COPING OVERHANG



1 ROOF PLAN (12,307 GSF)
SCALE: 1/8" = 1'-0"

DFSS BRONZEVILLE
REGIONAL SENIOR CENTER

4711 - 4755 S. CALUMET AVE.
CHICAGO IL, 60615

PUBLIC BUILDING COMMISSION
CITY OF CHICAGO, MAYOR BRANDON JOHNSON

DESIGN ARCHITECT:



ADDRESS: 233 N. MICHIGAN AVE, #1900
CHICAGO, ILLINOIS 60601

PHONE: 312.856.1970

FAX: 312.856.1978

WEB: WWW.RADA-ARCH.COM

ARCHITECT OF RECORD:

MEP/FP ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

STRUCTURAL ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

CIVIL ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

LANDSCAPE ARCHITECT
TGDA Landscape Architecture
3233 W. Le Moine Street, #1
Chicago, IL 60651

FOOD SERVICE CONSULTANT
S20 Consultants
530 N. Wood Street, #C
Chicago, IL 60622

Issuance		
MARK	DESCRIPTION	DATE
1	100% SD	08/15/25
A. COURTYARD TRELLIS ASSEMBLY:		
• PAINTED STEEL TUBULAR POST/BEAMS		
• 3 x 10 WOOD PRIMARY MEMBERS @ 16" O.C. MAX		
• 2 x 3 WOOD LATTICE CROSS MEMBERS @ 16" O.C.		
B. RAINSCREEN CLADDING COLORS:		
• COLORS 1: SWISS PEARL CARAT - BLACK OPAL 7021		
• COLORS 2: SWISS PEARL CARAT - ONYX 7090		
• COLORS 3: SWISS PEARL CARAT - TOPAZ 7070		

PBC Project Name: DFSS BRONZEVILLE
REGIONAL SENIOR CENTER

PBC Contract No: 10030

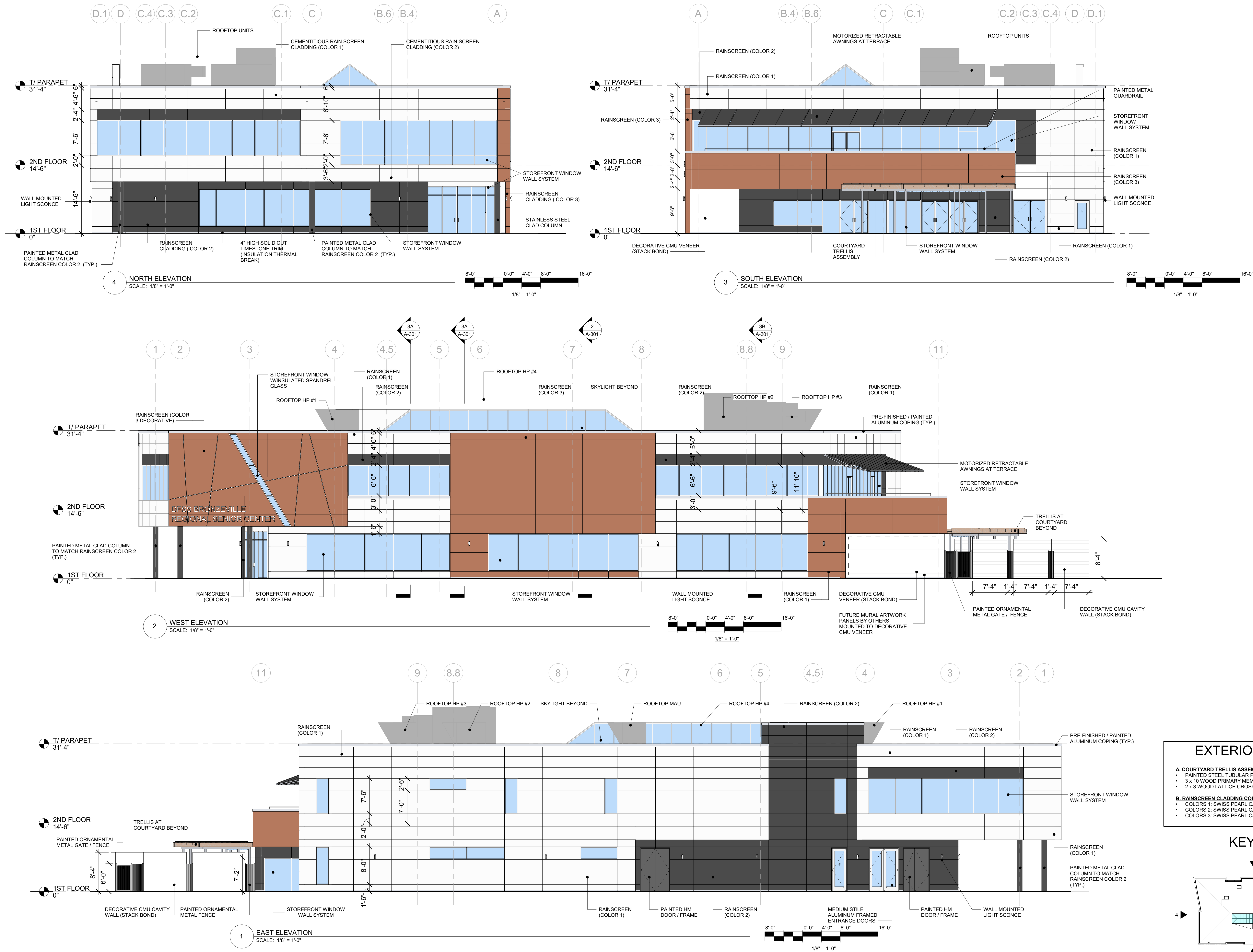
Project No: H-93

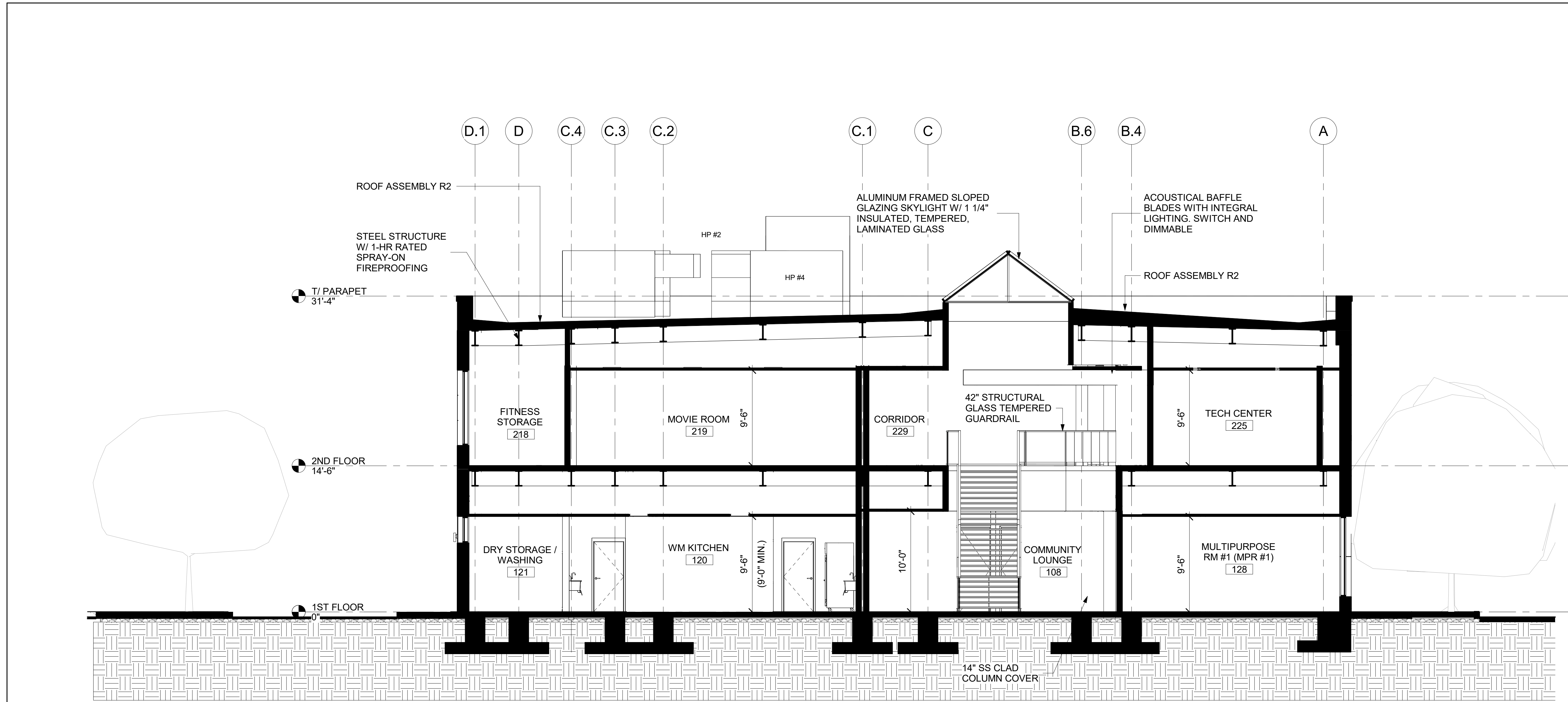
Title

**BUILDING
ELEVATIONS**

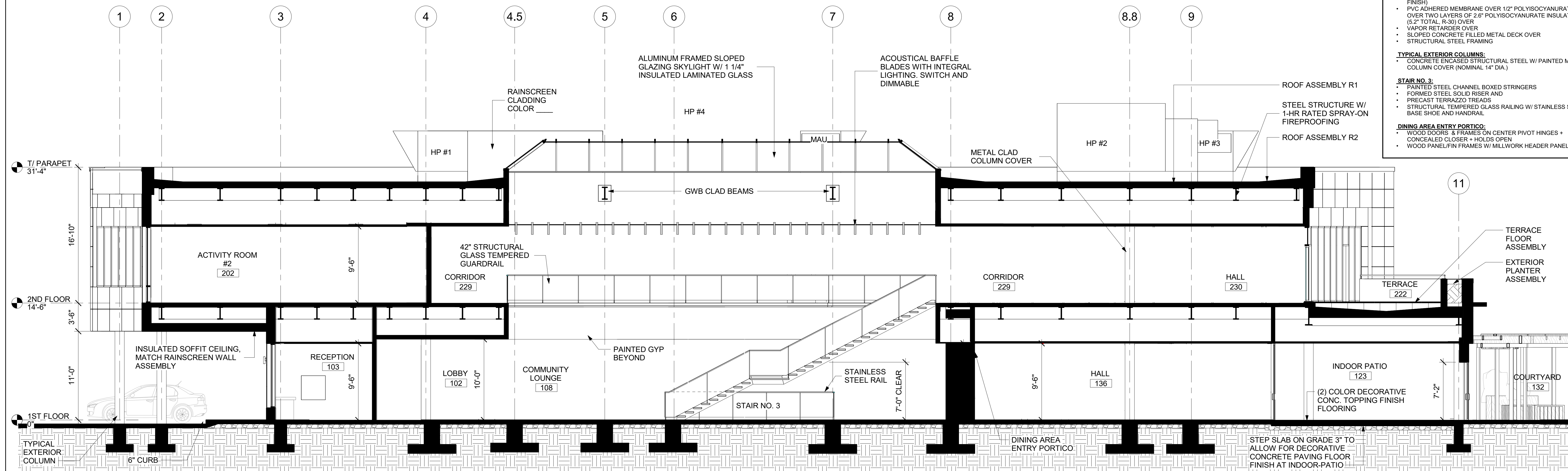
Sheet

A-201



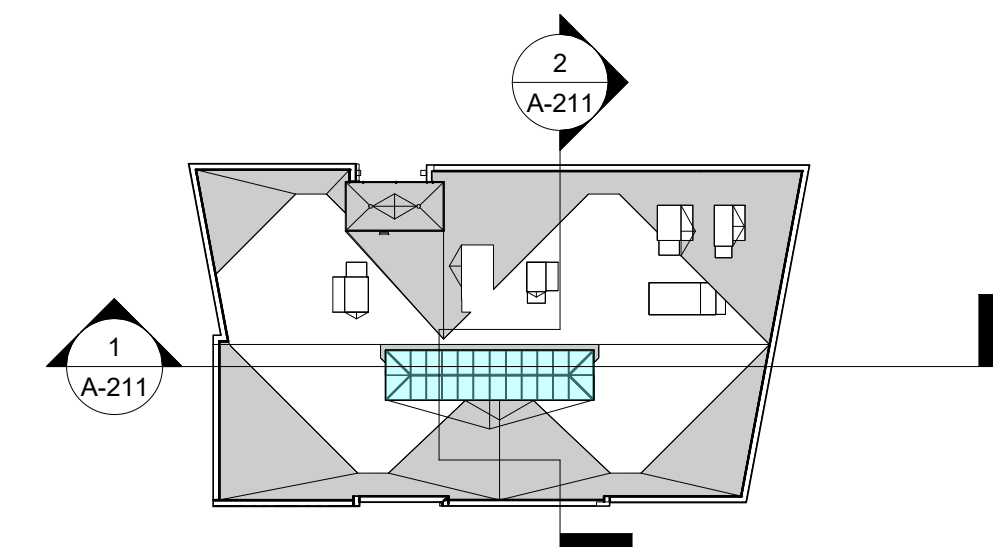


2 TRANSVERSE BUILDING SECTION
SCALE: 3/16" = 1'-0"

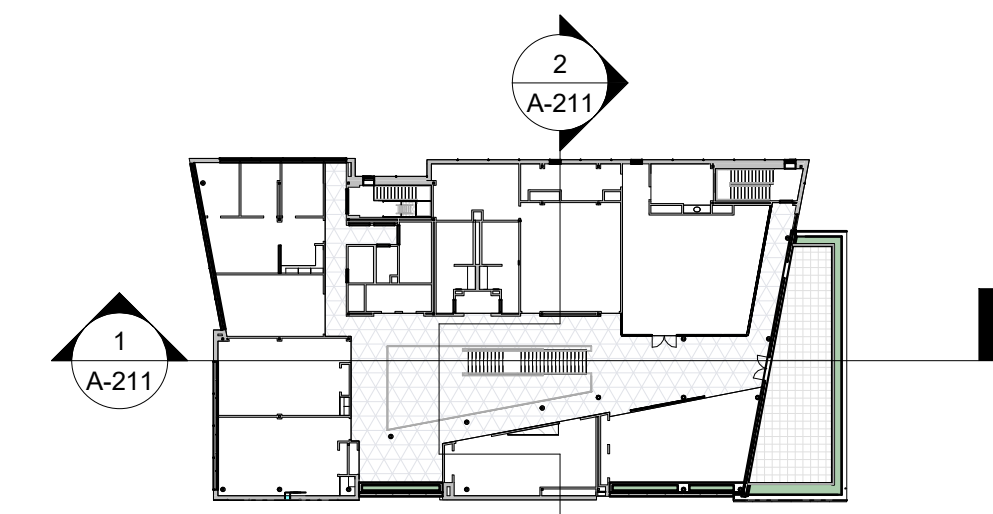


1 LONGITUDINAL BUILDING SECTION
SCALE: 3/16" = 1'-0"

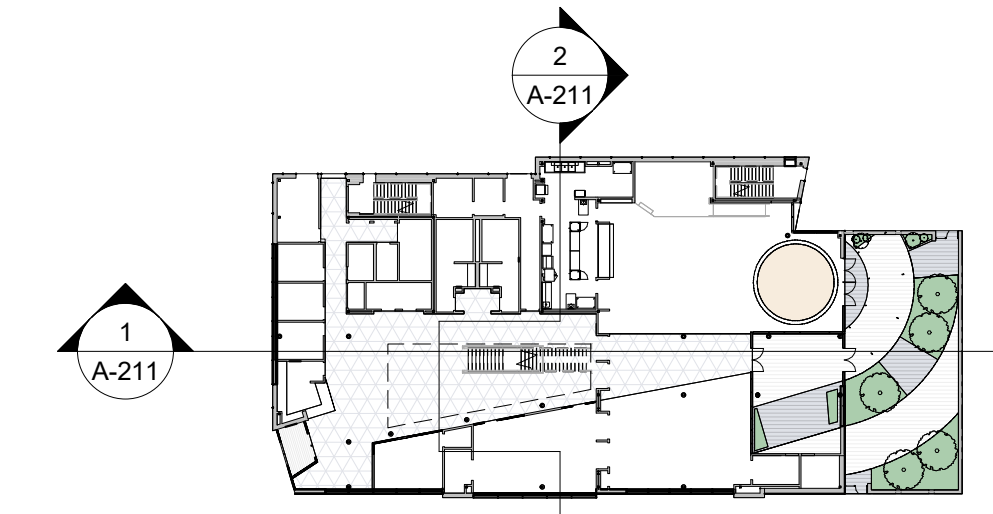
ROOF KEYPLAN



SECOND FLOOR KEYPLAN



FIRST FLOOR KEYPLAN



EXTERIOR ASSEMBLY

R1 - FULLY ADHERED SINGLE-PLY ROOF ASSEMBLY ON CONCRETE FILLED METAL DECK / FLAT INSULATION OVER SLOPED STRUCTURE - (ASSEMBLY U VALUE 0.026):

- PVC MEMBRANE ROOFING SYSTEM OVER
- 1/2" POLYISOCYANURATE COVERBOARD OVER
- TWO LAYERS OF 2.6" POLYISOCYANURATE INSULATION (5.2" TOTAL, R-30) OVER
- VAPOR RETARDER OVER
- 1/2" GYPSUM SUBSTRATE BOARD OVER
- 1 1/2" METAL DECK AND SLOPED STEEL OPEN WEB STEEL JOISTS OR STEEL BEAMS
- ALUMINUM ROOF-EDGE FASCIA AND COPINGS WITH A FLUOROPOLYMER FINISH

R2 - FULLY ADHERED SINGLE-PLY ROOF ASSEMBLY ON CONCRETE FILLED METAL DECK - (ASSEMBLY U VALUE 0.026):

- PVC MEMBRANE ROOFING SYSTEM OVER
- 1/2" POLYISOCYANURATE COVERBOARD OVER
- TAPERED POLYISOCYANURATE INSULATION @ 1/4" / FOOT, OVER
- TWO LAYERS OF 2.6" POLYISOCYANURATE INSULATION (5.2" TOTAL) OVER
- CONCRETE ON COMPOSITE METAL DECK AND SLOPED STEEL WIDE FLANGE BEAMS

EXTERIOR PLANTING ASSEMBLY:

- CEMENTITIOUS RAINSCREEN WALL CLADDING OVER
- 1" ALUMINUM GIRTS SECURED TO REINFORCED CONCRETE PLANTER WALLS FORMED INTEGRALLY WITH CONCRETE SLAB
- PROVIDE PVC ROOFING WRAP OF ACL PLANTER INTERIORS/EXTERIOR WALLS
- INSTALL GEOTEXTILE DRAINAGE PANELS TO LINE WALLS+DECK OF PLANTER
- INSTALL 2" THICK POLYISOCYANURATE PROTECTION BOARD LINING PLANTER
- PROVIDE DRAINS, SOIL AND LANDSCAPING
- PROVIDE PREFINISHED ALUMINUM COPINGS TO CAP WALLS

TERRACE FLOOR ASSEMBLY:

- PRECAST CONCRETE PAVERS W/ 1/4" OPEN JOINTS SET ON ADJUSTABLE PEDESTALS (SET LEVEL MATCHING 2ND FLR FINISH)
- PVC ADHERED MEMBRANE OVER 1/2" POLYISOCYANURATE OVER TWO LAYERS OF 2.6" POLYISOCYANURATE INSULATION (5.2" TOTAL, R-30) OVER
- VAPOR RETARDER OVER
- SLOPED CONCRETE FILLED METAL DECK OVER
- STRUCTURAL STEEL FRAMING

TYPICAL EXTERIOR COLUMNS:

- CONCRETE ENCASED STRUCTURAL STEEL W/ PAINTED METAL COLUMN COVER (NOMINAL 14" DIA.)

STAIR NO. 3:

- PAINTED STEEL CHANNEL BOXED STRINGERS
- FORMED STEEL SOLID RISER AND
- PRECAST TERRAZZO TREADS
- STRUCTURAL TEMPERED GLASS RAILING W/ STAINLESS STEEL BASE SHOE AND HANDRAIL

DINING AREA ENTRY PORTICO:

- WOOD DOORS & FRAMES ON CENTER PIVOT HINGES + CONCEALED CLOSER + HOLDS OPEN
- WOOD PANEL/FIN FRAMES W/ MILLWORK HEADER PANELS

DESIGN ARCHITECT:



ADDRESS: 233 N. MICHIGAN AVE, #1900

CHICAGO, ILLINOIS 60601

PHONE: 312.856.1970

FAX: 312.856.1978

WEB: WWW.RADA-ARCH.COM

ARCHITECT OF RECORD:

MEP/FP ENGINEER

Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

STRUCTURAL ENGINEER

Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

CIVIL ENGINEER

Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

LANDSCAPE ARCHITECT

TGDA Landscape Architecture
3233 W. Le Moine Street, #1
Chicago, IL 60651

FOOD SERVICE CONSULTANT

S20 Consultants
530 N. Wood Street, #C
Chicago, IL 60622

Issuance

MARK	DESCRIPTION	DATE
1	100% SD	08/15/25

PBC Project Name: DFSS BRONZEVILLE REGIONAL SENIOR CENTER

PBC Contract No: 10030

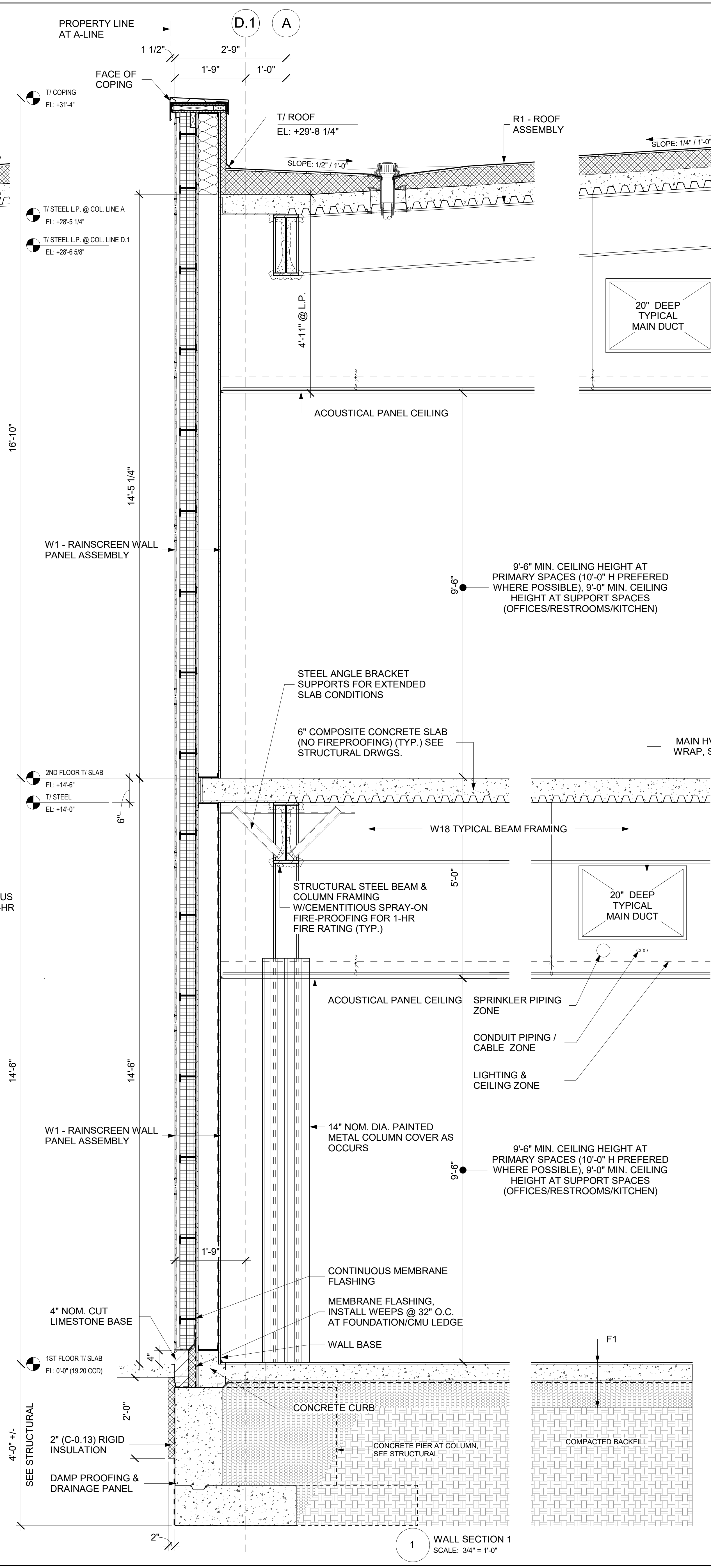
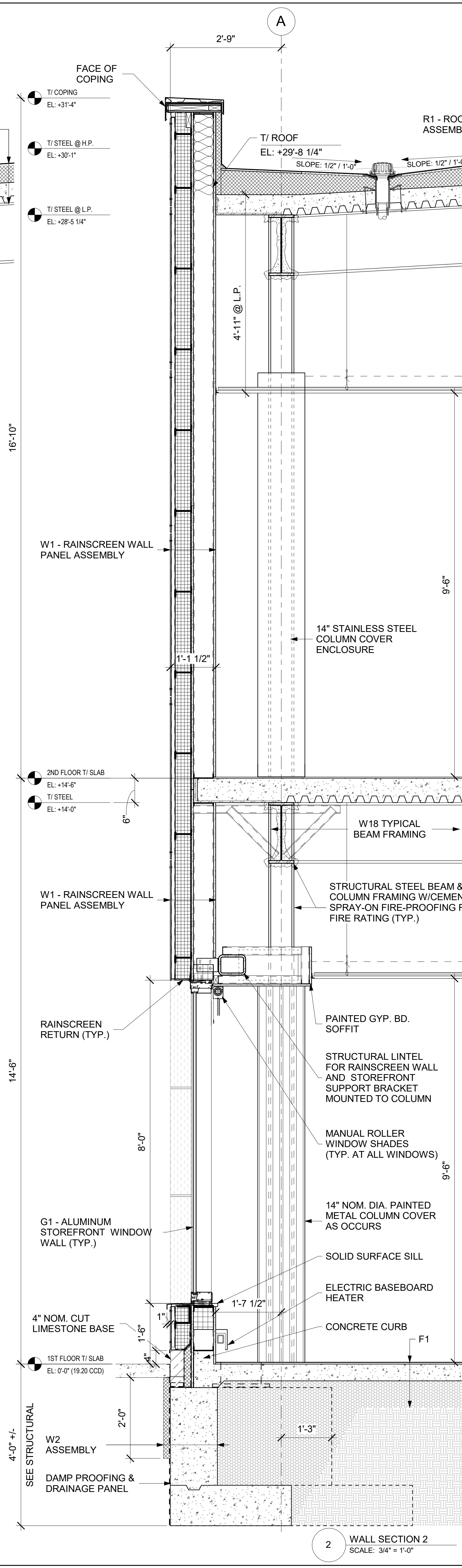
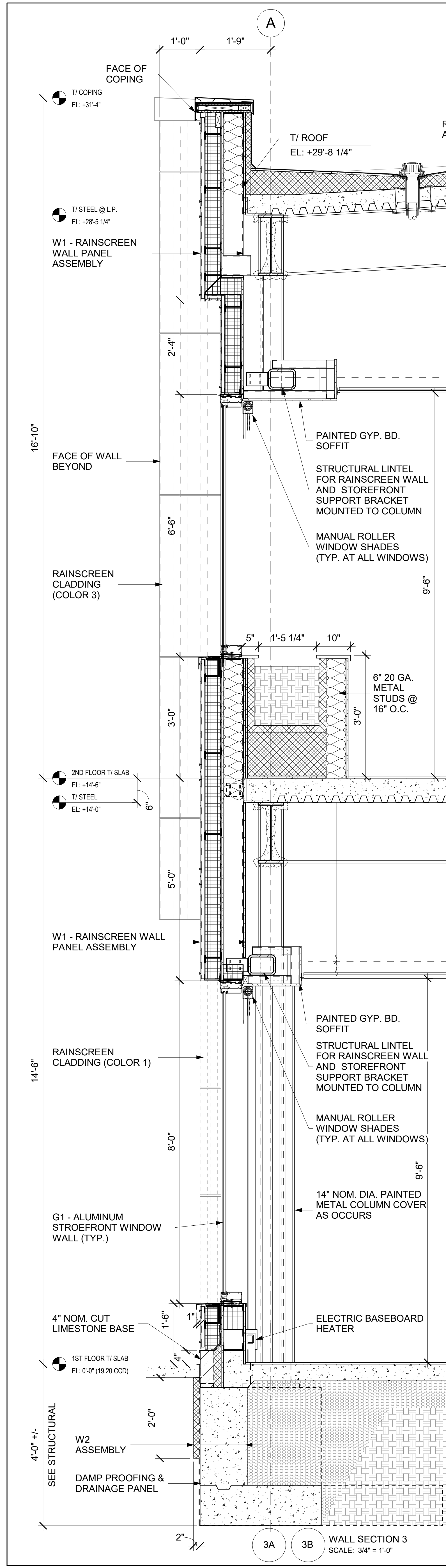
Project No: H-93

Title

BUILDING SECTIONS

Sheet

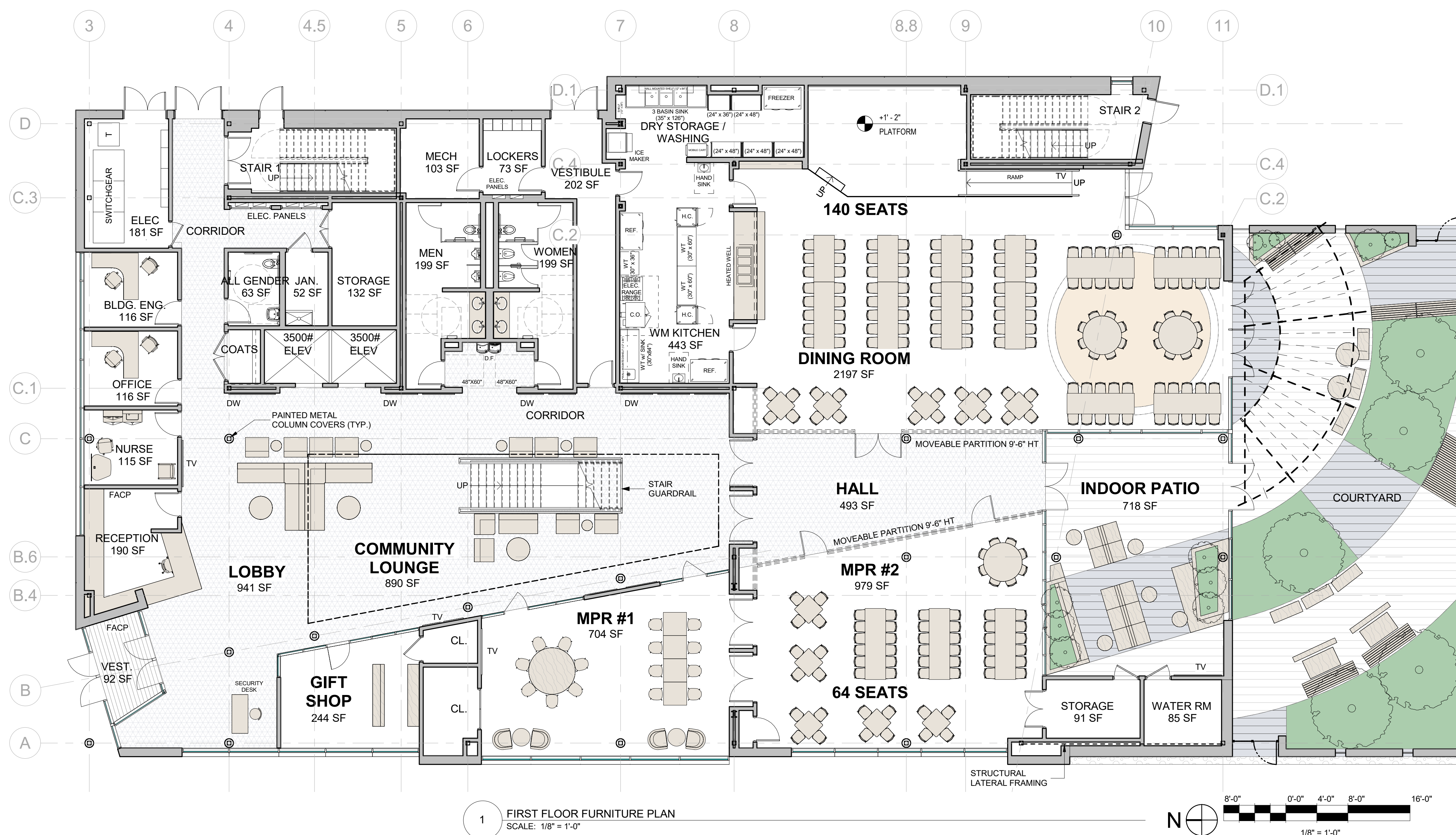
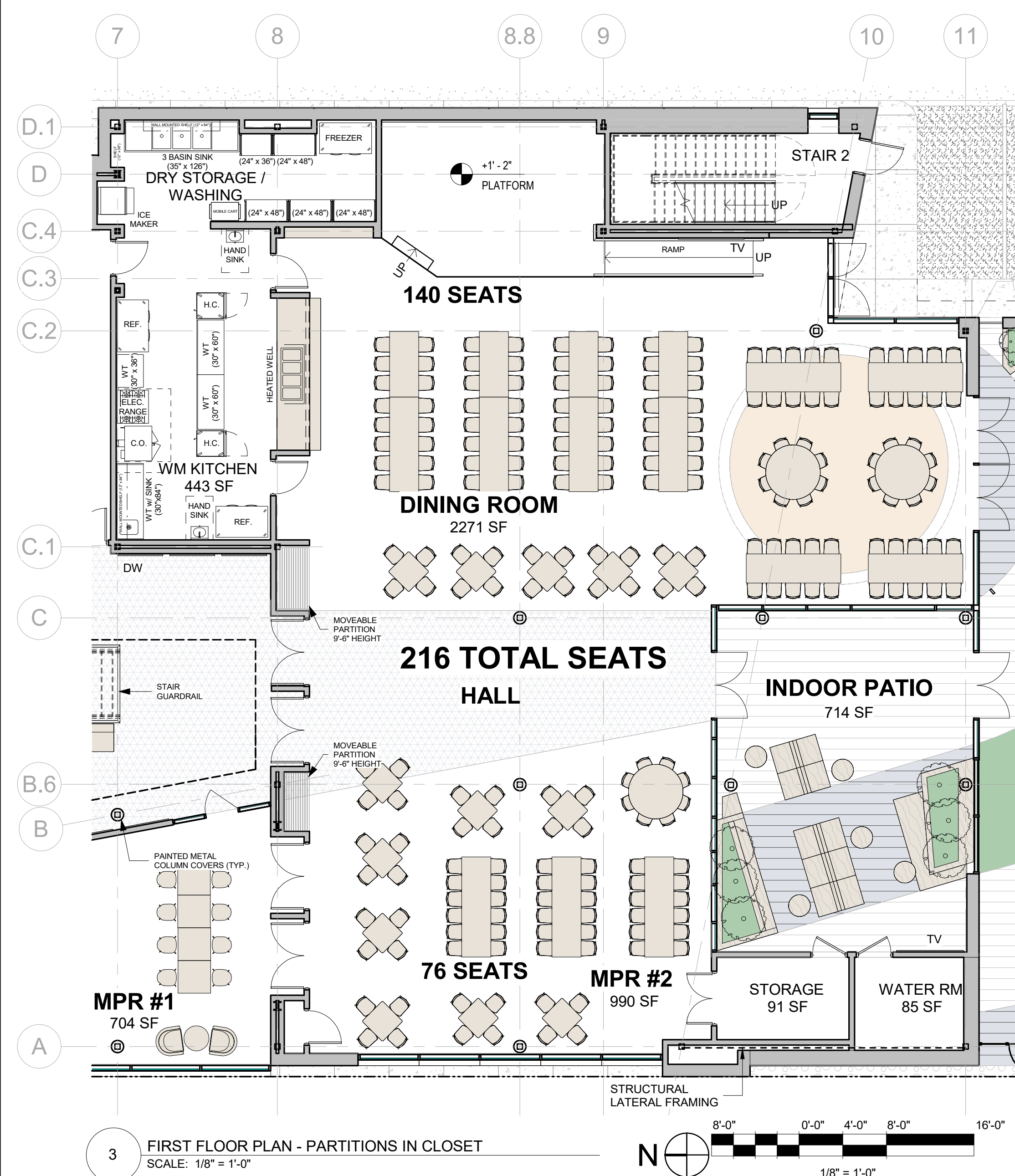
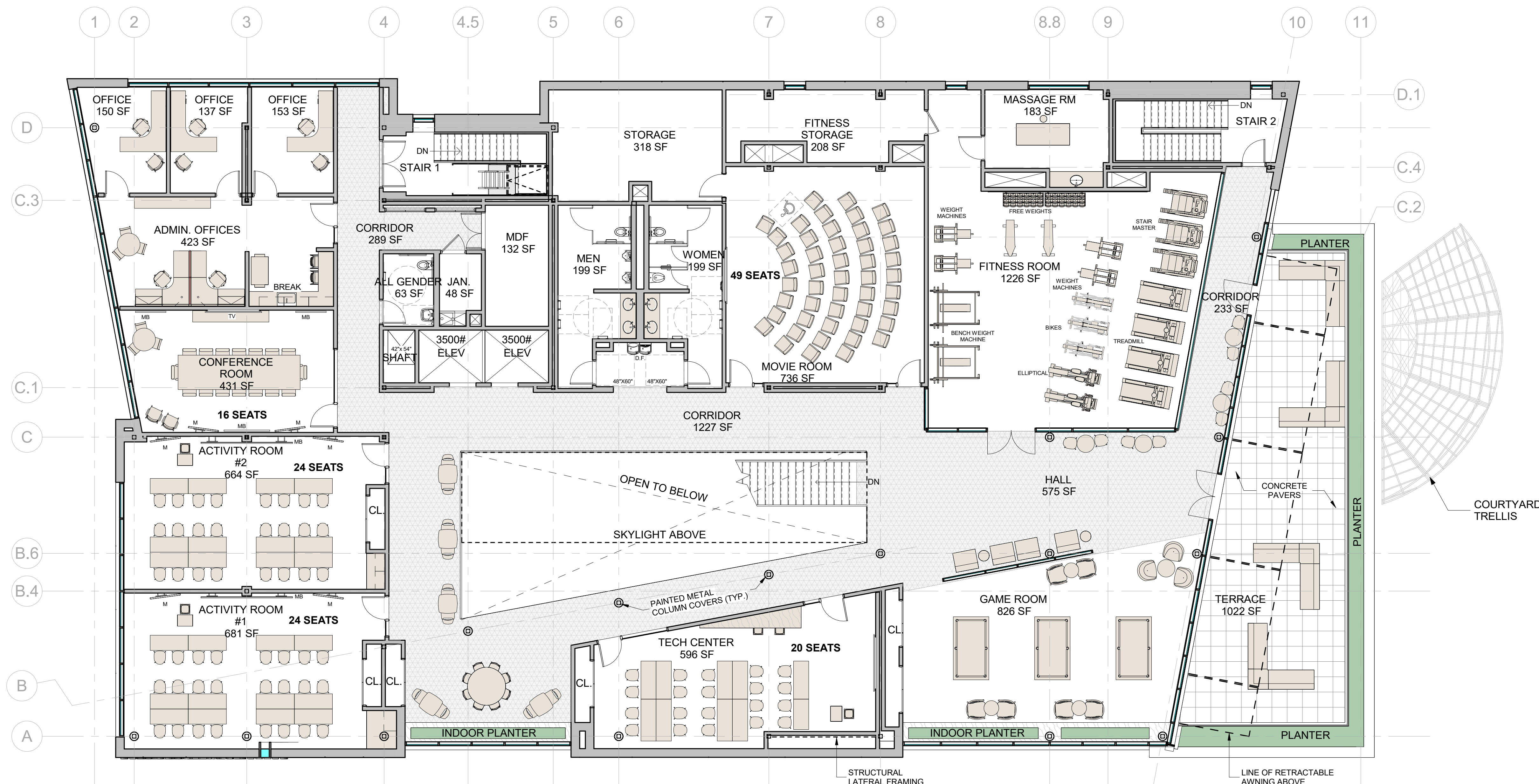
A-211



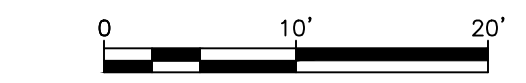
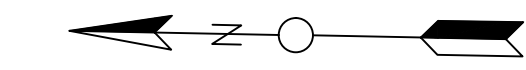
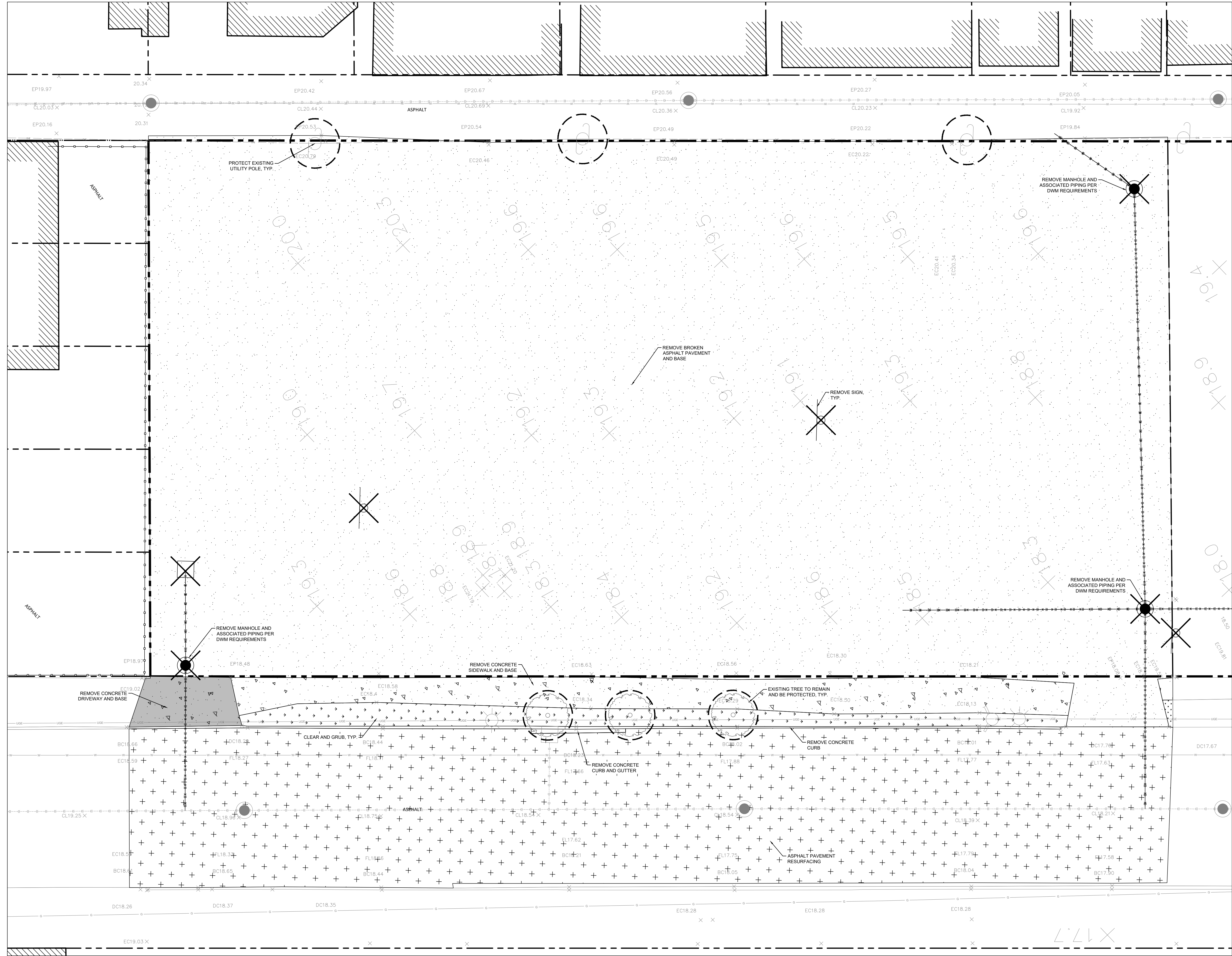
EXTERIOR ASSEMBLY

- R1 - FULLY ADHERED SINGLE-PLY ROOF ASSEMBLY ON CONCRETE FILLED METAL DECK - (ASSEMBLY U VALUE 0.028):**
- PVC MEMBRANE ROOFING SYSTEM OVER
 - 1/2" POLYISOCYANURATE COVERBOARD OVER
 - TWO LAYERS OF 2.6" POLYISOCYANURATE INSULATION (5.2" TOTAL, R30) OVER
 - VAPOR RETARDER OVER
 - 1/2" GYPSUM SUBSTRATE BOARD OVER
 - 1 1/2" METAL DECK AND SLOPED STEEL OPEN WEB STEEL JOISTS OR STEEL BEAMS
 - ALUMINUM ROOF-EDGE FASCIA AND COPINGS WITH A FLUOROPOLYMER FINISH
- R2 - FULLY ADHERED SINGLE-PLY ROOF ASSEMBLY ON CONCRETE FILLED METAL DECK - (ASSEMBLY U VALUE 0.028):**
- PVC MEMBRANE ROOFING SYSTEM OVER
 - 1/2" POLYISOCYANURATE COVERBOARD OVER
 - TAPERED POLYISOCYANURATE INSULATION @ 1/4" / FOOT, OVER
 - TWO LAYERS OF 2.6" POLYISOCYANURATE INSULATION (5.2" TOTAL) OVER
 - CONCRETE ON COMPOSITE METAL DECK AND SLOPED STEEL WIDE FLANGE BEAMS
- G1 - GLAZED STOREFRONT WINDOW ASSEMBLY - (U VALUE 0.32):**
- PREFINISHED ALUMINUM WINDOW SYSTEM: GLASS RETAINED MECHANICALLY ON TWO SIDES AND WITH STRUCTURAL SEALANT ON TWO SIDES
 - DOUBLE-GLAZED 1" ARGON-FILLED INSULATING GLASS WITH LOW-E COATING ON #2 SURFACE
 - FLUOROPOLYMER FINISH
 - ALUMINUM SILLS & JAMBS FINISHED TO MATCH MULLIONS
- W1 - RAINSCREEN WALL PANEL ASSEMBLY - NONCOMBUSTIBLE (ASSEMBLY U VALUE 0.047):**
- GLASS FIBER-REINFORCED CEMENTITIOUS PANELS WITH EXPOSED STAINLESS-STEEL FASTENERS FINISHED WITH COLOR TO MATCH PANEL OVER
 - 1" ALUMINUM GIRTS & STAINLESS-STEEL FASTENERS W/ BLACK FINISH FASTENED TO CONTINUOUS FIBERGLASS GIRTS WITH 1 1/2" THICK MINERAL WOOL INSULATION (R4.3"/INCH) W/ BLACK FINISH OVER
 - FLUID-APPLIED MEMBRANE AIR BARRIER OVER
 - 5/8" TYPE X EXTERIOR GLASSMAT GYPSUM BOARD SHEATHING OVER
 - COLD-FORMED METAL FRAMING (CFMF)
 - 5/8" TYPE X INTERIOR GYPSUM BOARD, TAPED AND PAINTED
 - PARAPET CONDITIONS AT THE INTERIOR FACE OF THE WALL PANEL ASSEMBLY: GLASS FIBER-REINFORCED CEMENTITIOUS PANELS, GIRTS, SHEATHING AND AIR BARRIER TO MATCH THE EXTERIOR FACE WITH 2" THICK MINERAL WOOL INSULATION (R4.3"/INCH) AND AN ALUMINUM COPING WITH A FLUOROPOLYMER FINISH
- W2 - PERIMETER FOUNDATION WALL ASSEMBLY - NONCOMBUSTIBLE (ASSEMBLY U VALUE 0.119):**
- 2" EXTRUDED POLYSTYRENE INSULATION (R3.8"/INCH) TO THE TOP OF FOUNDATION WALL
 - 1/2" DRAINAGE PANEL OVER
 - BITUMINOUS DAMPPROOFING OVER
 - CONCRETE FOUNDATION WALL
- F1 - SLAB ON GRADE, NON-COMBUSTIBLE**
- REINFORCED CONCRETE SLAB WITH WOVEN WIRE FABRIC AND THICKENED EDGES. SEE STRUCTURAL FOR SLAB THICKNESS.
 - CONTINUOUS POLYETHYLENE VAPOR RETARDER, LAPPED, SEALED AND TURNED UP AND SEALED AT ALL TERMINATIONS / PENETRATIONS OVER
 - COMPACTED GRANULAR FILL, REFER TO STRUCTURAL DWGS.

Issuance		
MARK	DESCRIPTION	DATE
1	100% SD	08/15/25



MARK	DESCRIPTION	DATE
1	100% SD	08/15/25



LEGEND

- ASPHALT REMOVAL
- CONCRETE SIDEWALK REMOVAL
- CONCRETE PAVEMENT REMOVAL
- CLEAR AND GRUB
- ASPHALT RESURFACING
- REMOVE SEWER
- REMOVE ITEM
- PROTECT EXISTING ITEM
- PROPERTY LINE

DFSS BRONZEVILLE REGIONAL SENIOR CENTER
4711 - 4755 S. CALUMET AVE.
CHICAGO IL, 60615
PUBLIC BUILDING COMMISSION
CITY OF CHICAGO, MAYOR BRANDON JOHNSON

DESIGN ARCHITECT:
RADA ARCHITECTS

ADDRESS: 233 N. MICHIGAN AVE, #1900
CHICAGO, ILLINOIS 60601
PHONE: 312.856.1970
FAX: 312.856.1978
WEB: WWW.RADA-ARCH.COM

ARCHITECT OF RECORD:

MEP/FP ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

STRUCTURAL ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

CIVIL ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

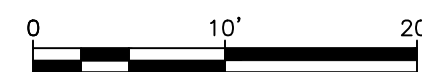
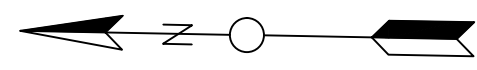
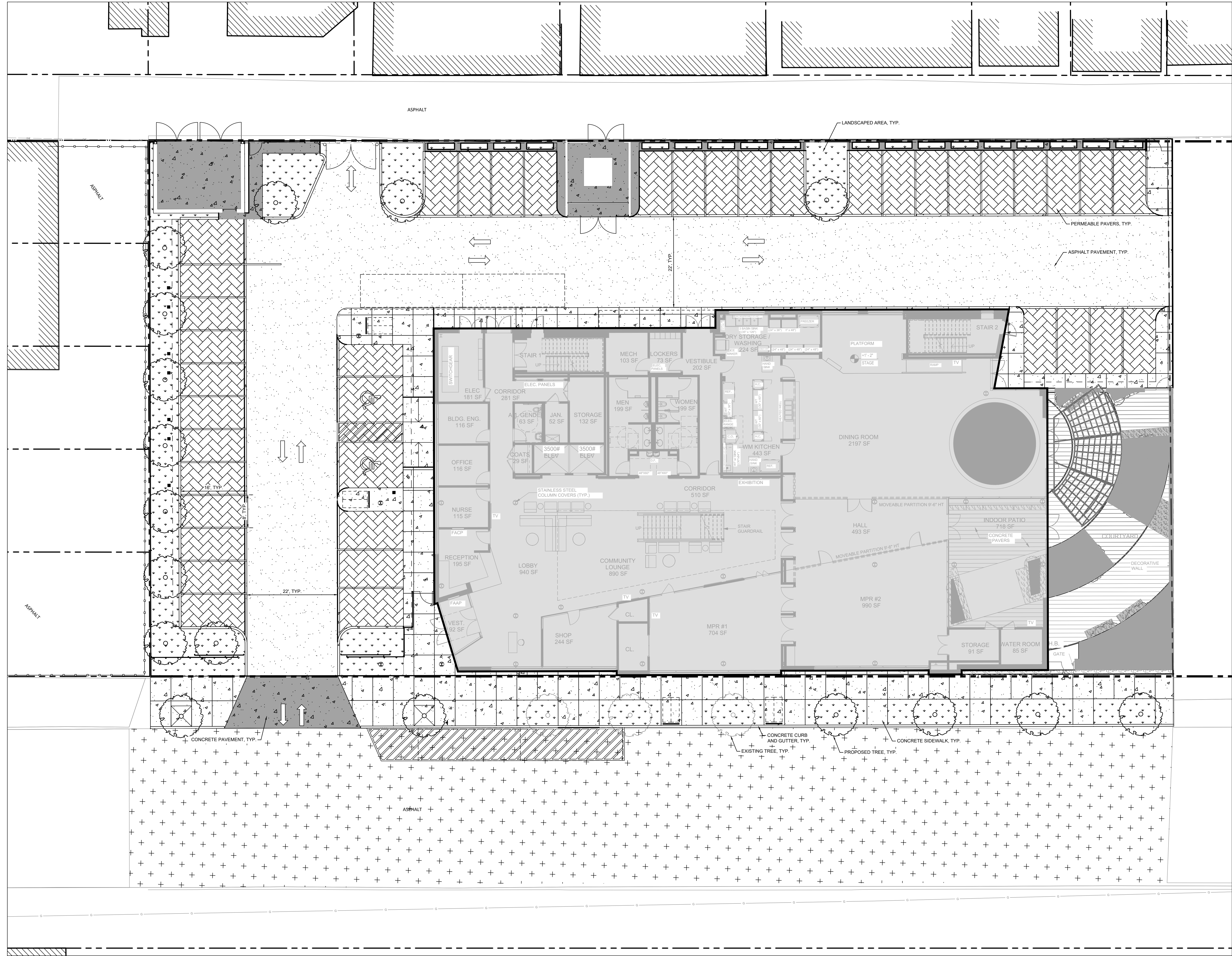
LANDSCAPE ARCHITECT
TGDA Landscape Architecture
3233 W. Le Moine Street, #1
Chicago, IL 60651

FOOD SERVICE CONSULTANT
S20 Consultants
530 N. Wood Street, #C
Chicago, IL 60622

Issuance		
MARK	DESCRIPTION	DATE
01	100% SD	8/15/2025

PBC Project Name: DFSS BRONZEVILLE REGIONAL SENIOR CENTER
PBC Contract No: 10030
Project No: H-93
Title

DEMOLITION PLAN



LEGEND

- ASPHALT PAVEMENT AND BASE
- CONCRETE PAVEMENT AND BASE
- CONCRETE SIDEWALK AND BASE
- LANDSCAPED AREA
- PERMEABLE PAVERS
- PROPERTY LINE
- BUILDING FOOTPRINT



**DFSS BRONZEVILLE
REGIONAL SENIOR CENTER**
4711 - 4755 S. CALUMET AVE.
CHICAGO IL, 60615
PUBLIC BUILDING COMMISSION
CITY OF CHICAGO, MAYOR BRANDON JOHNSON



ADDRESS: 233 N. MICHIGAN AVE, #1900
CHICAGO, ILLINOIS 60601
PHONE: 312.856.1970
FAX: 312.856.1978
WEB: WWW.RADA-ARCH.COM

ARCHITECT OF RECORD:

MEP/FP ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

STRUCTURAL ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

CIVIL ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

LANDSCAPE ARCHITECT
TGDA Landscape Architecture
3233 W. Le Moine Street, #1
Chicago, IL 60651

FOOD SERVICE CONSULTANT
S20 Consultants
630 N. Wood Street, #C
Chicago, IL 60622

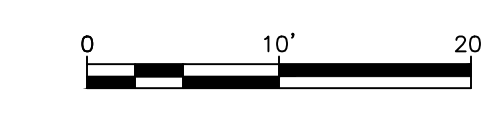
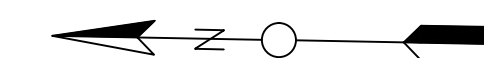
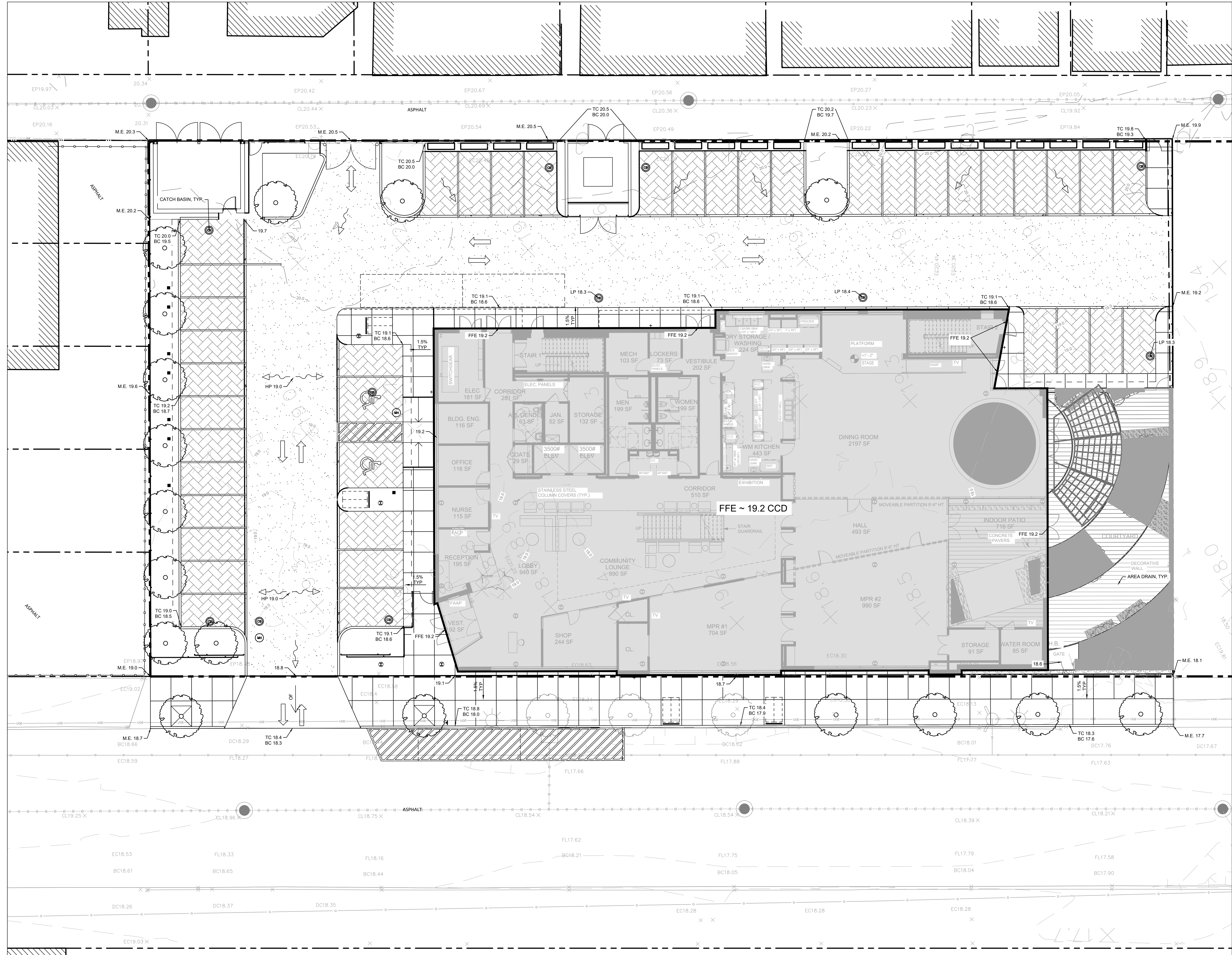
Issuance		
MARK	DESCRIPTION	DATE
01	100% SD	8/15/2025

PBC Project Name: DFSS BRONZEVILLE
REGIONAL SENIOR CENTER

PBC Contract No: 10030
Project No: H-93

Title
GEOMETRY PLAN

Sheet
C2.00



LEGEND

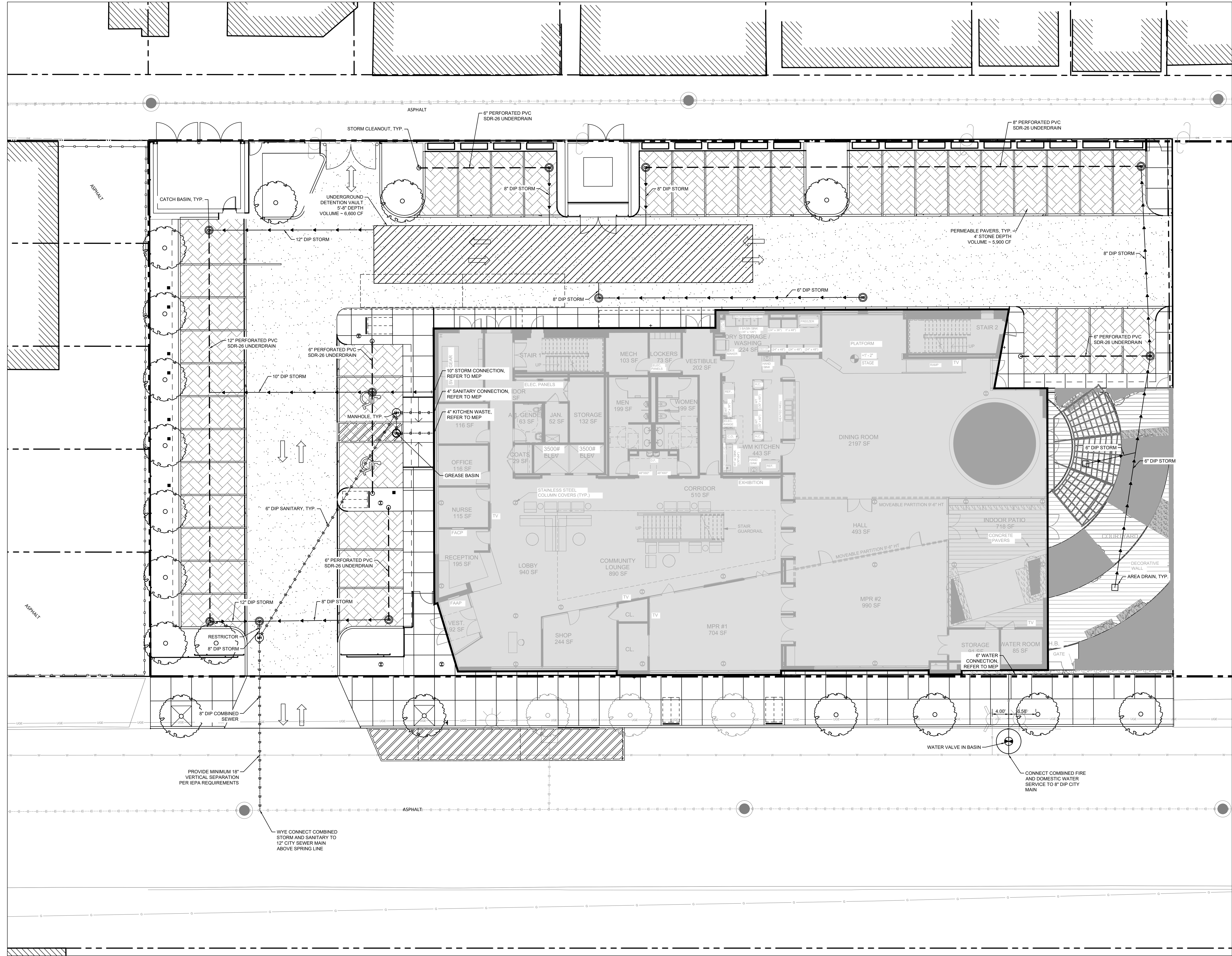
- PERMEABLE PAVERS
- GENERAL DIRECTION OF DRAINAGE
- MANHOLE
- AREA DRAIN
- CATCH BASIN
- PROPERTY LINE

**DFSS BRONZEVILLE
REGIONAL SENIOR CENTER**
4711 - 4755 S. CALUMET AVE.
CHICAGO IL, 60615
PUBLIC BUILDING COMMISSION
CITY OF CHICAGO, MAYOR BRANDON JOHNSON

DESIGN ARCHITECT:
RADA ARCHITECTS
ADDRESS: 233 N. MICHIGAN AVE, #1900
CHICAGO, ILLINOIS 60601
PHONE: 312.856.1970
FAX: 312.856.1978
WEB: WWW.RADA-ARCH.COM

ARCHITECT OF RECORD:
MEP/FP ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604
STRUCTURAL ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604
CIVIL ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604
LANDSCAPE ARCHITECT
TGDA Landscape Architecture
3233 W. Le Moine Street, #1
Chicago, IL 60651
FOOD SERVICE CONSULTANT
S20 Consultants
530 N. Wood Street, #C
Chicago, IL 60622

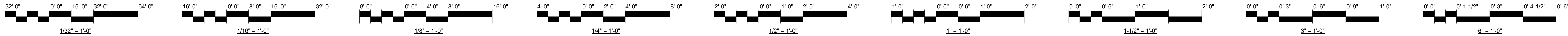
Issuance		
MARK	DESCRIPTION	DATE
01	100% SD	8/15/2025



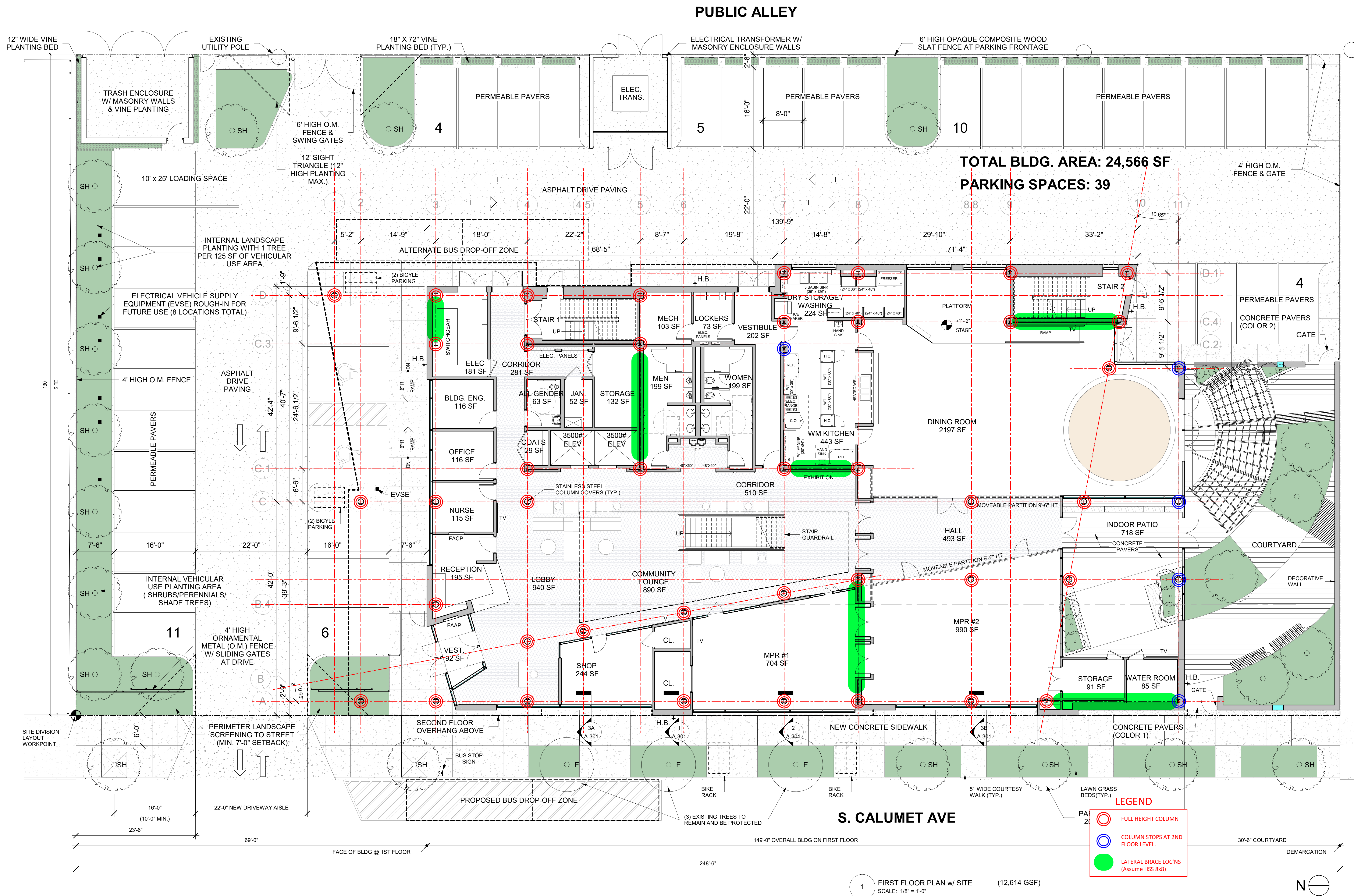
LEGEND

- PERMEABLE PAVERS
- UNDERGROUND DETENTION
- GENERAL DIRECTION OF DRAINAGE
- MANHOLE
- AREA DRAIN
- CATCH BASIN
- GREASE TRAP
- SANITARY
- STORM
- PERFORATED STORM
- WATER
- WATER VALVE
- PROPERTY LINE

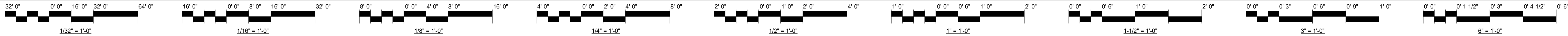
Issuance		
MARK	DESCRIPTION	DATE
01	100% SD	8/15/2025



TYP column size HSS6x6,
A500 Gr C ($f_y=50$ ksi)
No PV allowance for roof



Issuance		
MARK	DESCRIPTION	DATE
01	100% SD	8/15/2025



**DFSS BRONZEVILLE
REGIONAL SENIOR CENTER**

4711 - 4755 S. CALUMET AVE.
CHICAGO IL, 60615

PUBLIC BUILDING COMMISSION
CITY OF CHICAGO, MAYOR BRANDON JOHNSON

DESIGN ARCHITECT:



ADDRESS: 233 N. MICHIGAN AVE, #1900
CHICAGO, ILLINOIS 60601
PHONE: 312.856.1970
FAX: 312.856.1978
WEB: WWW.RADA-ARCH.COM

ARCHITECT OF RECORD:

MEP/FP ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

STRUCTURAL ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

CIVIL ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

LANDSCAPE ARCHITECT
TGDA Landscape Architecture
3233 W. Le Moine Street, #1
Chicago, IL 60651

FOOD SERVICE CONSULTANT
S20 Consultants
530 N. Wood Street, #C
Chicago, IL 60622

Issuance		
MARK	DESCRIPTION	DATE
01	100% SD	8/15/2025

PBC Project Name: DFSS BRONZEVILLE REGIONAL SENIOR CENTER

PBC Contract No: 10030

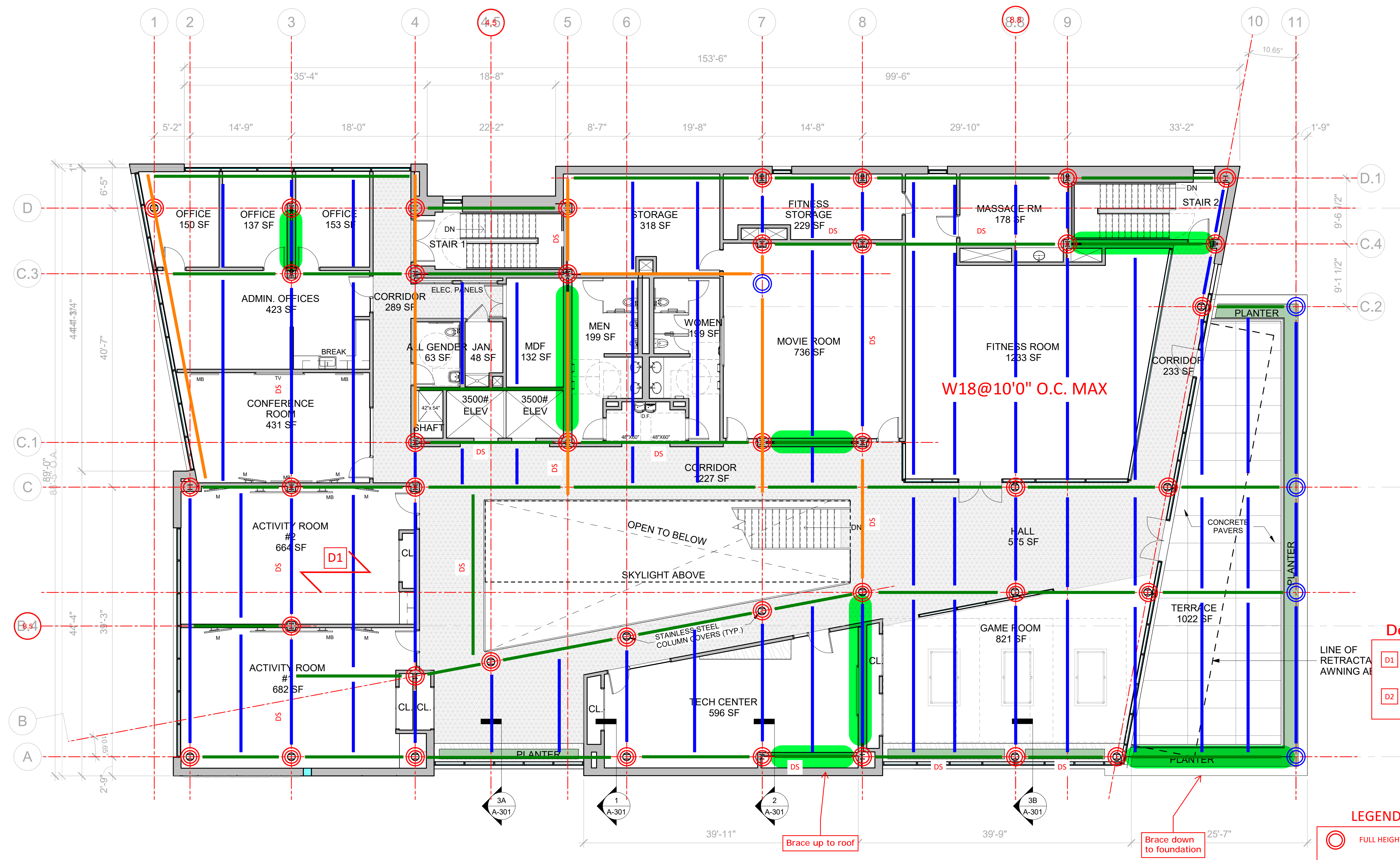
Project No: H-93

Title

**SECOND FLOOR
FRAMING PLAN**

Sheet

S1.02



Deck Schedule

- D1 6" TOTAL SLAB THICKNESS.
2 1/2" NW CONCRETE ON
3.5DS-24 GALV DECK
- D2 5 1/2" TOTAL SLAB THICKNESS.
3 1/4" LW CONCRETE ON
2.0VL1-36 GALV DECK

LEGEND

- FULL HEIGHT COLUMN
- COLUMN STOPS AT 2ND FLOOR LEVEL
- LATERAL BRACE LOC'NS (Assume HSS 8x8)
- DECK SPAN DIRECTION

1 SECOND FLOOR PLAN (11,592 GSF)
SCALE: 1/8" = 1'-0"



DFSS BRONZEVILLE
REGIONAL SENIOR CENTER

4711 - 4755 S. CALUMET AVE.
CHICAGO IL, 60615

PUBLIC BUILDING COMMISSION
CITY OF CHICAGO, MAYOR BRANDON JOHNSON

TYP column size HSS6x6,
A500 Gr C ($f_y=50$ ksi)

No PV allowance for roof

GENERAL ROOF NOTES

1. ALL INSULATION JOINTS, HORIZONTAL AND VERTICAL, ARE TO BE STAGGERED.
2. ALL INSULATION JOINTS GREATER THAN 1/4" ARE TO BE FILLED W/ INSULATION STRIPS.
3. ALL ROOF PENETRATIONS, INCLUDING VENT STACKS, ROOF CURBS, AND PIPE SUPPORT CURBS ARE TO BE A MINIMUM OF 14" ABOVE THE ROOF MEMBRANE SURFACE.
4. FIELD VERIFY ALL CONDITIONS PRIOR TO SUBMITTING SHOP DRAWINGS INCLUDING TAPERED INSULATION DRAWINGS W/ ALL DRAIN LOCATIONS.
5. ALL COUNTERFLASHING, COPING, AND MISC. METAL FLASHING PIECES ARE TO HAVE SEALANT APPLIED AT THEIR END CONDITIONS.
6. ALL EXPOSED FASTENERS TO BE CORROSION RESISTIVE, HAVE NEOPRENE WASHERS, AND BE COVERED W/ SEALANT FOLLOWING ARCHITECT'S APPROVAL.
7. APPLY MEMBRANE MANUFACTURER'S SEALANT OVER FASTENER HEADS AT BASE FLASHING SECUREMENT.
8. DRAINS TO BE FLASHED AS PER MANUFACTURER'S SPECIFICATIONS.
9. PROVIDE COUNTERFLASHING FOR ALL VERTICAL FLANGES ON ENDWALL FLASHING PIECES.
10. WHEN CONDITIONS REQUIRE END WALL FLASHING TO BE INSTALLED, COORDINATE INSTALLATION SO THAT END WALL FLASHING AND COUNTERFLASHING COVERING IT ARE NOT DOUBLE FASTENED - ONLY ONE FASTENER IS REQUIRED TO SECURE BOTH PIECES.
11. SCREW FASTENERS FOR INSULATION ARE TO BE INSTALLED THROUGH TOP FLUTES OF METAL DECK ONLY.
12. ALL WOOD BLOCKING TO BE PRESSURE TREATED. ALL CONNECTIONS MITERED AND SCREWED, UNLESS NOTED OTHERWISE.
13. ALL COPING JOINTS TO ALIGN WITH CENTER OF METAL PANEL JOINTS AND MULLIONS, UNLESS NOTED OTHERWISE.
14. REFER TO "ROOF PLAN LEGEND" ON SHEET G-201

DESIGN ARCHITECT:



ADDRESS: 233 N. MICHIGAN AVE, #1900
CHICAGO, ILLINOIS 60601
PHONE: 312.856.1970
FAX: 312.856.1978
WEB: WWW.RADA-ARCH.COM

ARCHITECT OF RECORD:

MEP/FP ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

STRUCTURAL ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

CIVIL ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

LANDSCAPE ARCHITECT
TGDA Landscape Architecture
3233 W. Le Moine Street, #1
Chicago, IL 60651

FOOD SERVICE CONSULTANT
S20 Consultants
530 N. Wood Street, #C
Chicago, IL 60622

Issuance		
MARK	DESCRIPTION	DATE
01	100% SD	8/15/2025

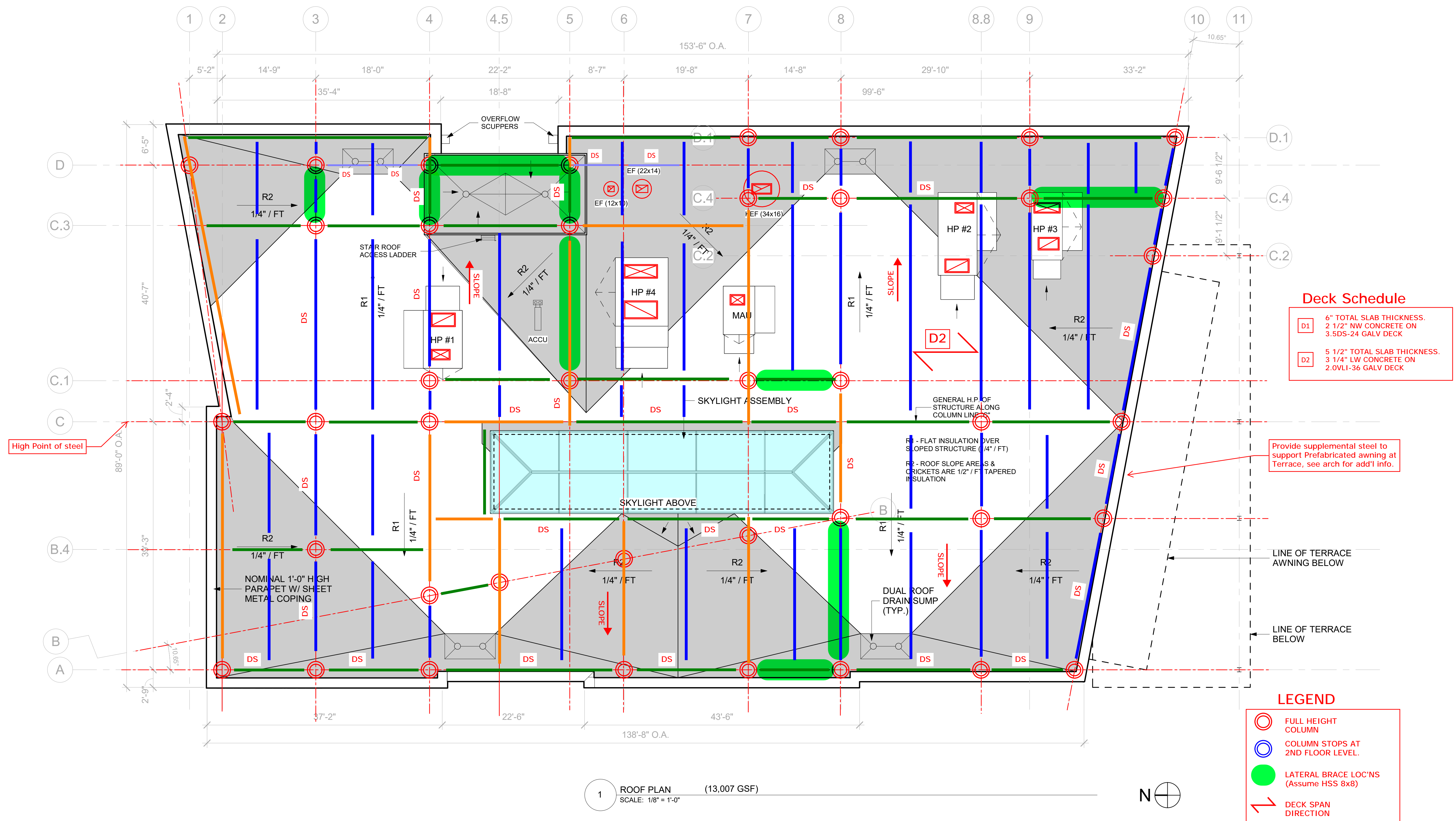
PBC Project Name: DFSS BRONZEVILLE
REGIONAL SENIOR CENTER

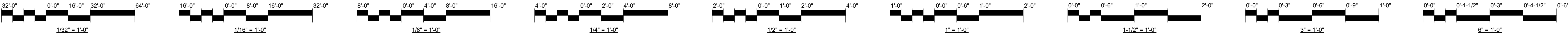
PBC Contract No: 10030
Project No: H-93

Title
ROOF FRAMING PLAN

Sheet

S1.03





PIPE & EQUIPMENT SYMBOLS	
	AIR FLOW
	BACKFLOW PREVENTER
	BALANCING VALVE/CIRCUIT SETTER
	BALL VALVE
	BALL VALVE W/ PADLOCK
	BASKET STRAINER
	BTU METER
	BUTTERFLY VALVE WITH TAMPER SWITCH
	CAP
	CAPPED PIPE
	CARBON DIOXIDE SENSOR
	CHECK VALVE
	CLEANOUT
	CLEANOUT WITH 45
	CLEANOUT WITH 45 AND EXTENSION
	DIELECTRIC UNION
	DIFFERENTIAL PRESSURE CONTROL VALVE
	EXPANSION JOINT
	FLEXIBLE CONNECTION
	FLOW METER
	FLOW SWITCH
	FOOT VALVE
	GAS METER
	GAS SHUT OFF VALVE
	GATE VALVE
	GLOBE VALVE
	MANUAL AIR VENT
	MANUAL BUTTERFLY VALVE
	MOTOR OPERATED THREE-WAY CONTROL VALVE (DIVERTING)
	MOTOR OPERATED THREE-WAY CONTROL VALVE (MIXING)
	MOTOR OPERATED TWO-WAY CONTROL VALVE
	MOTORIZED SHUT OFF VALVE
	PETE'S PLUG
	PIPE ANCHOR
	PIPE ELBOW TURNED DOWN
	PIPE ELBOW TURNED UP
	PIPE GUIDE
	PIPE PENETRATION THRU BEAM
	PRESSURE GAUGE
	PRESSURE GAUGE ASSEMBLY
	PRESSURE INDEPENDENT CONTROL VALVE
	PRESSURE REGULATING VALVE
	PRESSURE & TEMPERATURE PLUG
	PUMP
	REDUCER
	RELIEF OR SAFETY VALVE
	SOLENOID VALVE
	STAD BALANCING VALVE
	SMOKE DETECTOR
	THERMOMETER
	THREE WAY BY-PASS VALVE
	THREE-WAY VALVE
	THREE-WAY CONTROL VALVE
	UNION
	VENT CAP
	VOLUME DAMPER
	Y STRAINER WITH BLOWOFF VALVE
	Y STRAINER
	Y STRAINER WITH DRAIN VALVE
	WALL THERMOSTAT
	PRESSURE SENSOR
	DEW POINT SENSOR
	GAS SENSOR
	CARBON MONOXIDE SENSOR
	FIELD EQUIPMENT CONTROLLER

DUCT & EQUIPMENT SYMBOLS	
	RECTANGULAR DUCT ELBOW TURNED DOWN
	RECTANGULAR DUCT ELBOW TURNED UP
	ROUND DUCT ELBOW TURNED DOWN
	ROUND DUCT ELBOW TURNED UP
	DUCT OFFSET DOWN WITH RESPECT TO AIRFLOW
	DUCT OFFSET UP WITH RESPECT TO AIRFLOW
	DUCT AIRWAY SIZE IN INCHES-FIRST DIMENSION IS SIDE SHOWN
	DUCT SIZE TRANSITION
	DUCT PENETRATION THRU BEAM
	FIRE DAMPER WITH ACCESS DOOR
	MANUAL VOLUME DAMPER
	BACKDRAFT DAMPER
	MOTOR OPERATED DAMPER
	COMBINATION FIRE/SMOKE DAMPER - SMOKE DETECTOR ACTUATION
	FLOW MONITORING STATION
	FLEXIBLE DUCT CONNECTION
	DUCT WITH ACCESS DOOR
	FLEXIBLE DUCT
	RECTANGULAR ELBOW WITH AIRFOIL TURNING VANES
	2-PIPE RADIANT PANEL
	4-PIPE RADIANT PANEL
	VENTURI VALVE
	DUCTED VRF UNIT
	NON-DUCTED VRF UNIT

MECHANICAL LINETYPES		
— CHWR —	—	CHILLED WATER RETURN
— CHWS —	—	CHILLED WATER SUPPLY
— CD —	—	CONDENSATE DRAIN
— MU —	—	MAKE-UP WATER
— G —	—	GAS
— C —	—	CONDENSATE
— HWS —	—	HEATING HOT WATER SUPPLY
— HWR —	—	HEATING HOT WATER RETURN

EQUIPMENT TAGS	
	AIR DIFFUSER - GRILLE, REGISTER TYPE
	AIR DIFFUSER - FLOWBAR, LINEAR SLOT TYPE
	AIR DIFFUSER - SWIRL TYPE
	AIR DIFFUSER - PLENUM TYPE
	MECHANICAL EQUIPMENT TAG
	EQUIPMENT NUMBER BUILDING TYPE / LEVEL
	EQUIPMENT TYPE
	IN-FLOOR CHILLED BEAM TAG
	UNIT SIZE
	VALVE TYPE SYSTEM TYPE
	CONTROL VALVE TAG
	VALVE NUMBER
	TYPICAL RISER TAG

NOMENCLATURE:			
AHU	AIR HANDLING UNIT	HUM	HUMIDIFIER
AS	AIR SEPARATOR	HWP	HOT WATER PUMP
B	BOILER	HXC	HEAT EXCHANGER (COOLING)
CB	IN-FLOOR ACTIVE CHILLED BEAM	HXH	HEAT EXCHANGER (HEATING)
CHWP	CHILLED WATER PUMP	JEF	JANITOR EXHAUST FAN
CUH	CABINET UNIT HEATER	OHU	OUTSIDE AIR HANDLING UNIT
DP	DIFFERENTIAL PRESSURE	PCHWP	PRIMARY CHILLED WATER PUMP
EBH	ELECTRIC BASEBOARD HEATER	RF	RETURN/RELIEF FAN
ECH	ELECTRIC CABINET HEATER	RHP	RADIANT HEAT RECIRCULATION PUMP
EDH	ELECTRIC DUCT HEATER	SA	SOUND ATTENUATOR
EF	EXHAUST FAN	SCHWP	SECONDARY CHILLED WATER PUMP
ERW	ENERGY RECOVERY WHEEL	SD	SMOKE DAMPER
ET	EXPANSION TANK	SF	SUPPLY FAN
EUH	ELECTRIC UNIT HEATER	TEF	TOILET EXHAUST FAN
F	FILTER	UH	HOT WATER UNIT HEATER
FCU	FAN COIL UNIT	VAV	VARIABLE AIR VOLUME TERMINAL
FMS	FLOW MEASURING STATION	CDP	CONDENSATE PUMP
FPB	PARALLEL FAN POWERED TERMINAL (BOX)	V V	VENTURI VALVE
FS	FILL STATION		
FT	FIN TUBE RADIATOR		
HRC	HEAT RECOVERY COIL		

ABBREVIATIONS AND DEFINITIONS	
AC	AIR CURTAIN
AD	ACCESS DOOR
AHU	AIR HANDLING UNIT
AP	ACCESS PANEL
B	BOILER
BDD	BACKDRAFT DAMPER
BOD	BOTTOM OF DUCT ELEVATION
BHP	BRAKE HORSEPOWER
BTUH	BRITISH THERMAL UNIT PER HOUR
BV	BALANCING VALVE
CAI	COMBUSTION AIR INTAKE
CO	CARBON MONOXIDE DETECTOR
CC	COOLING COIL
CD	CONDENSATE DRAIN
CFM	CUBIC FEET PER MINUTE
CLG	CEILING
CV	CONSTANT VOLUME SUPPLY TERMINAL BOX
DB	DRY BULB TEMPERATURE
DEFL	DEFLECTION
DEG	DEGREE
DG	DOOR GRILLE
DIA	DIAMETER
DIFF	DIFFUSER
DN	DOWN
DX	DIRECT EXPANSION
E	EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE
ECM	ELECTRONICALLY COMMUTATED MOTOR
EQUIP	EQUIPMENT
ER	EXHAUST/RECIRCULATION FAN
ET	EXPANSION TANK
EWT	ENTERING WATER TEMPERATURE
EXH	EXHAUST
F	FILTER
FA	FREE AREA
FCU	FAN COIL UNIT
FD	FIRE DAMPER
FLEX	FLEXIBLE
FM	FLOW METER
FMS	FLOW MEASURING STATION
FPB	FAN POWERED BOX
FT	FEET
GA	GAUGE
GPM	GALLON PER MINUTE
GR	GRILLE
H	HEIGHT
HR	HOOR
HTG	HEATING
HVAC	HEATING, VENTILATING & AIR CONDITIONING
HX	HEAT EXCHANGER
HZ	HERTZ
INSUL	INSULATION
IN	INCH
KW	KILOWATT
L	LENGTH
LAT	LEAVING AIR TEMPERATURE
LWT	LEAVING WATER TEMPERATURE
L.D.	LINEAR DIFFUSER

ABBREVIATIONS AND DEFINITIONS - CONT'D	
L	LENGTH
LAT	LEAVING AIR TEMPERATURE
LWT	LEAVING WATER TEMPERATURE
L.D.	LINEAR DIFFUSER
MAX	MAXIMUM
MCA	MINIMUM CIRCUIT AMPACITY
MIN	MINIMUM
MISC	MISCELLANEOUS
NC	NOISE CRITERIA
NK	NECK SIZE
NTS	NOT TO SCALE
OA	OUTSIDE AIR
OBD	OPPOSED BLADE DAMPER
OAHU	DEDICATED OUTSIDE AIR HANDLING UNIT
OV	OUTLET VELOCITY
P	PUMP
DP	PRESSURE DIFFERENCE
PH	PHASE
PRESS	PRESSURE
RA	RETURN AIR
REG	REGISTER
RET	RETURN
RH	RELATIVE HUMIDITY
RPM	REVOLUTIONS PER MINUTE
REQ	REQUIREMENT
RV	REFRIGERANT RELIEF VENT
S	SUPPLY FAN
SA	SUPPLY AIR
SC	SUPPLEMENTAL COOLING
SD	SMOKE DAMPER
SMD	SMOKE DETECTOR
SOL	SOLENOID
SS	STAINLESS STEEL
SQ	SQUARE
ST	SOUND TRAP
STAT	STATIC
SUP	SUPPLY
TEMP	TEMPERATURE
TE	TOILET EXHAUST
TS	TIP SPEED
TR	TRANSFER AIR
TSP	TOTAL STATIC PRESSURE
TYP	TYPICAL
V	VOLTAGE
VAV	VARIABLE AIR VOLUME
VD	VOLUME DAMPER
VEL	VELOCITY
VOL	VOLUME
W	WIDTH
WIF.D.	WITH FIRE DAMPER
WB	WET BULB TEMPERATURE
WC	WATER COLUMN
WMS	WIRE MESH SCREEN
WP	WORKING PRESSURE

GENERAL NOTES	
1.	ENTIRE INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF THE FOLLOWING CODES: INTERNATIONAL BUILDING CODE
2.	EXACT LOCATIONS OF ALL CEILING DIFFUSERS,REGISTERS AND GRILLES ARE DETAILED ON THE ARCHITECTURAL REFLECTED CEILING PLANS AND INTERIOR ELEVATIONS.
3.	EXACT LOCATION OF ALL ROOF OPENINGS TO BE COORDINATED WITH CONSTRUCTION WORK AND ARCHITECTURAL DRAWINGS.
4.	PLATFORMS AND CURBS FOR MECHANICAL EQUIPMENT SHALL BE AS INDICATED ON THE STRUCTURAL PLANS. COORDINATE EXACT SIZES OF REQUIRED OPENING AND SUPPORTS FOR FURNISHED EQUIPMENT. SEE ARCHITECTURAL PLANS FOR ROOFING AND FLASHING.
5.	ALL EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S RECOMMENDATIONS. CONTRACTOR TO PROVIDE ALL FITTINGS, TRANSITIONS, DAMPERS, VALVES, AND OTHER DEVICES REQUIRED FOR A COMPLETE WORKABLE INSTALLATION.
6.	ALL EQUIPMENT, DUCTS PIPING, AND OTHER DEVICES AND MATERIALS INSTALLED OUTSIDE OF THE BUILDING OR OTHERWISE EXPOSED TO THE WEATHER SHALL BE COMPLETELY WEATHERPROOFED.
7.	PROVIDE FIRE DAMPERS AS SHOWN ON DRAWINGS AT ALL PENETRATIONS THROUGH FIRE RATED WALLS AND FLOOR/CEILING. DAMPERS SHALL BE INSTALLED STRICTLY PER MANUFACTURERS INSTRUCTIONS AND THE DAMPER'S LISTING.
8.	ALL DUCTWORK SHALL BE CONSTRUCTED, ERECTED AND TESTED IN ACCORDANCE WITH THE LOCAL REGULATIONS AND PROCEDURES DETAILED IN THE APPLICABLE STANDARDS ADOPTED BY THE SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION. (SMACNA)
9.	PENETRATIONS OF PIPES, CONDUITS, ETC. IN WALLS REQUIRING PROTECTED OPENINGS SHALL BE FIRE STOPPED, FIRE STOP MATERIAL SHALL BE A TESTED ASSEMBLY APPROVED BY THE FIRE MARSHAL.
10.	MANUFACTURERS INSTALLATION INSTRUCTIONS SHALL BE MADE AVAILABLE TO THE INSPECTING AUTHORITIES.
11.	PENETRATION OF RATED ASSEMBLIES SHALL BE FIRE STOPPED USING AN APPROVED PENETRATION FIRESTOP AS TESTED IN ACCORDANCE WITH ASTM E 814 OR UL 1479 WITH A MINIMUM POSITIVE PRESSURE DIFFERENTIAL OF 0.01 INCH OF WATER AND SHALL HAVE AN F AND T RATING OF NOT LESS THAN THE REQUIRED FIRE RESISTANCE RATING OF THE ASSEMBLIES.
12.	INSULATION OR LINING APPLIED TO THE INTERIOR OR EXTERIOR OF DUCTWORK LOCATED IN THE BUILDING SHALL HAVE A FLAME SPREAD OF NOT MORE THAN 25 AND SMOKE DEVELOPED RATING OF NOT MORE THAN 50 WHEN TESTED AS A COMPOSITE INSTALLATION INCLUDING INSULATION, FACING MATERIALS, TAPES AND ADHESIVES AS NORMALLY APPLIED.
	PROVIDE AND MAINTAIN ACCESS AND WORKING SPACE NEAR MECHANICAL, ELECTRICAL AND CONTROL EQUIPMENT TO PERMIT READY AND SAFE OPERATION, EXAMINATION AND MAINTENANCE.
13.	DESIGN DRAWINGS ARE DIAGRAMMATIC AND DO NOT SHOW ALL OFFSETS, BENDS ELBOWS OR OTHER ELEMENTS WHICH MAY BE REQUIRED. CONTRACTOR SHALL PROVIDE ALL ACCESSORIES AS NECESSARY FOR A COMPLETE INSTALLATION, WITH NO ADDITIONAL COST TO THE OWNER.
	CONTRACTOR SHALL REFER TO ALL OTHER DRAWINGS FOR REFERENCE DATA AND VERIFICATION PURPOSES.
14.	COMPLY WITH ALL CONTRACT DOCUMENTS IN LAYING OUT WORK AND EQUIPMENT COORDINATE WORK WITH OTHER TRADES AND ALL JOB CONDITIONS.
15.	EACH PIECE OF EQUIPMENT COMPRISING PART OF MECHANICAL SYSTEM SHALL BE CHECKED FOR PROPER LUBRICATION, DRIVE ROTATION, BELT TENSION, PROPER CONTROL SEQUENCE AND ANY OTHER CONDITION WHICH MAY CAUSE IMPROPER EQUIPMENT OPERATION, DAMAGE TO EQUIPMENT OR ENDANGER PERSONNEL.
16.	ALL SPACE CONDITIONING AND VENTILATION SYSTEMS SHALL BE BALANCED TO THE QUANTITIES SPECIFIED IN THE PLANS. IN ACCORDANCE WITH THE ASSOCIATED AIR BALANCE COUNCIL (AABC) NATIONAL STANDARDS.
17.	ALL OUTDOOR AIR SUPPLY AND EXHAUST EQUIPMENT SHALL INCORPORATE DAMPERS THAT AUTOMATICALLY CLOSE DURING PERIODS OF NON-USE. THE DAMPERS SHALL BE EITHER MOTORIZED OR OF THE GRAVITY TYPE.
18.	ALL ROUND DUCTWORK SHALL BE ROUND SPIRAL GALVANIZED SHEET METAL UNLESS NOTED OR SPECIFIED OTHERWISE
19.	DUCT SIZES SHOWN ON DRAWINGS ARE NET INSIDE CLEAR DIMENSIONS, INTERNAL DUCT LINER AND EXTERNAL INSULATION ARE IN ADDITION TO THE DIMENSIONS SHOWN.
20.	EXACT LOCATION AND SIZES OF ALL GRILLES, REGISTERS, AND DIFFUSERS DETAILED ON ARCHITECTURAL LAYOUTS/PLANS AND INTERIOR ELEVATIONS AND DETAILS.

REFERENCE SYMBOLS	
TYPE NUM.	RISER DESIGNATION
TYPE LOC. NUM.	EQUIPMENT IDENTIFICATION
— — —	MATCHLINE
	DETAIL / ENLARGED PLAN CALLOUT
	DETAIL / SECTION ELEVATION
	INTERIOR ELEVATION
NOMENCLATURE:	
	ELEVATION / DETAIL DESIGNATION
	SHEET REFERENCE NUMBER



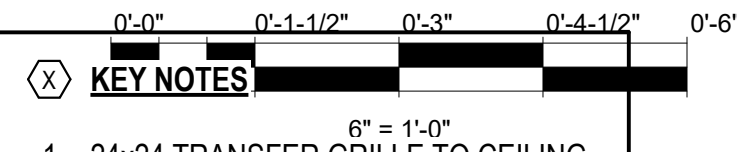
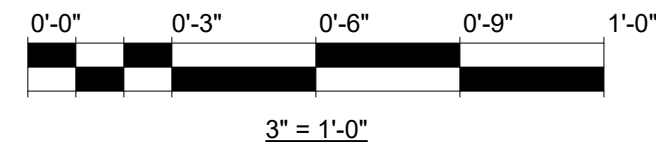
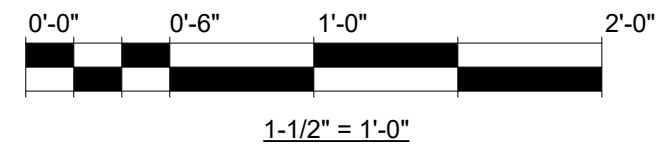
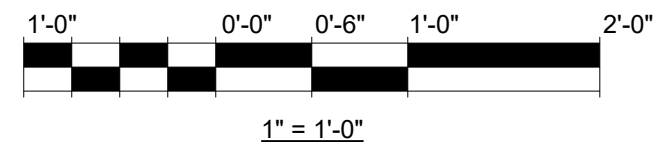
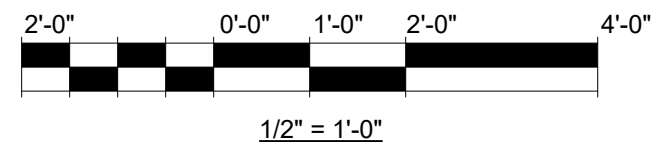
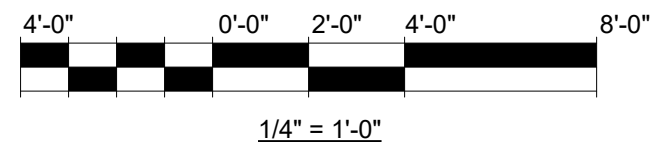
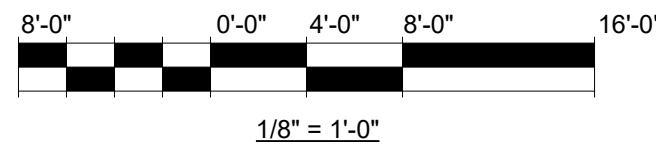
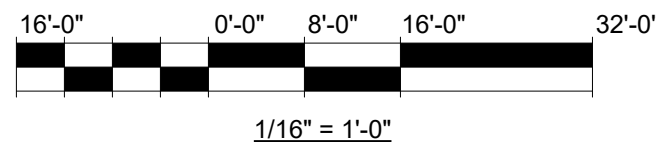
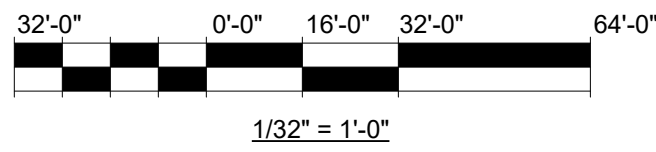
DFSS BRONZEVILLE
REGIONAL SENIOR CENTER
4711 - 4755 S. CALUMET AVE.
CHICAGO IL, 60615
PUBLIC BUILDING COMMISSION
CITY OF CHICAGO, MAYOR BRANDON JOHNSON

DESIGN ARCHITECT:
RADA ARCHITECTS
ADDRESS: 233 N. MICHIGAN AVE., #1900
CHICAGO, ILLINOIS 60601
PHONE: 312.856.1970
FAX: 312.856.1978
WEB: WWW.RADA-ARCH.COM
ARCHITECT OF RECORD:

MEP/FP ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604
STRUCTURAL ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604
CIVIL ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604
LANDSCAPE ARCHITECT
TGDA Landscape Architecture
2323 W. Le Moine Street, #1
Chicago, IL 60651
FOOD SERVICE CONSULTANT
S20 Consultants
530 N. Wood Street, #C
Chicago, IL 60622

Issuance		
MARK	DESCRIPTION	DATE
1	50% SD	6/20/2025
2	100% SD	8/15/2025

PBC Project Name: DFSS BRONZEVILLE REGIONAL SENIOR CENTER
PBC Contract No: 10030
Project No: H-93
Title
SYMBOLS AND ABBREVIATIONS
Sheet
M0.00



KEY NOTES

1. 24x24 TRANSFER GRILLE TO CEILING PLENUM. TYPICAL THROUGHOUT.



**DFSS BRONZEVILLE
REGIONAL SENIOR CENTER**

4711 - 4755 S. CALUMET AVE.
CHICAGO IL, 60615

PUBLIC BUILDING COMMISSION
CITY OF CHICAGO, MAYOR BRANDON JOHNSON

DESIGN ARCHITECT:



ADDRESS: 233 N. MICHIGAN AVE, #1900
CHICAGO, ILLINOIS 60601
PHONE: 312.856.1970
FAX: 312.856.1978
WEB: WWW.RADA-ARCH.COM

ARCHITECT OF RECORD:

MEP/FP ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

STRUCTURAL ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

CIVIL ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

LANDSCAPE ARCHITECT
TGDA Landscape Architecture
3233 W. Le Moine Street, #1
Chicago, IL 60651

FOOD SERVICE CONSULTANT
S20 Consultants
530 N. Wood Street, #C
Chicago, IL 60622

Issuance		
MARK	DESCRIPTION	DATE
1	50% SD	6/20/2025
2	100% SD	8/15/2025

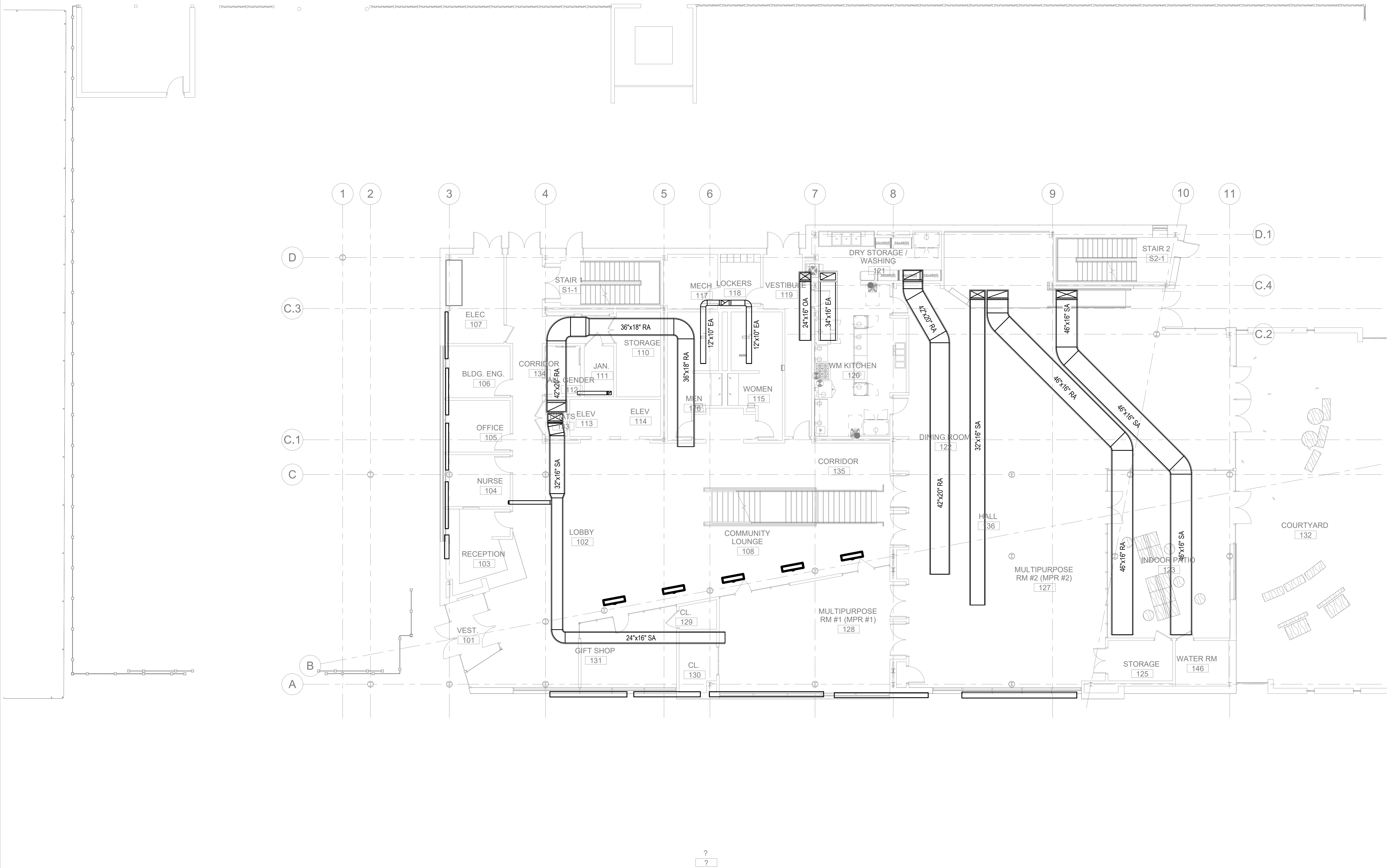
PBC Project Name: DFSS BRONZEVILLE
REGIONAL SENIOR CENTER

PBC Contract No: 10030
Project No: H-93

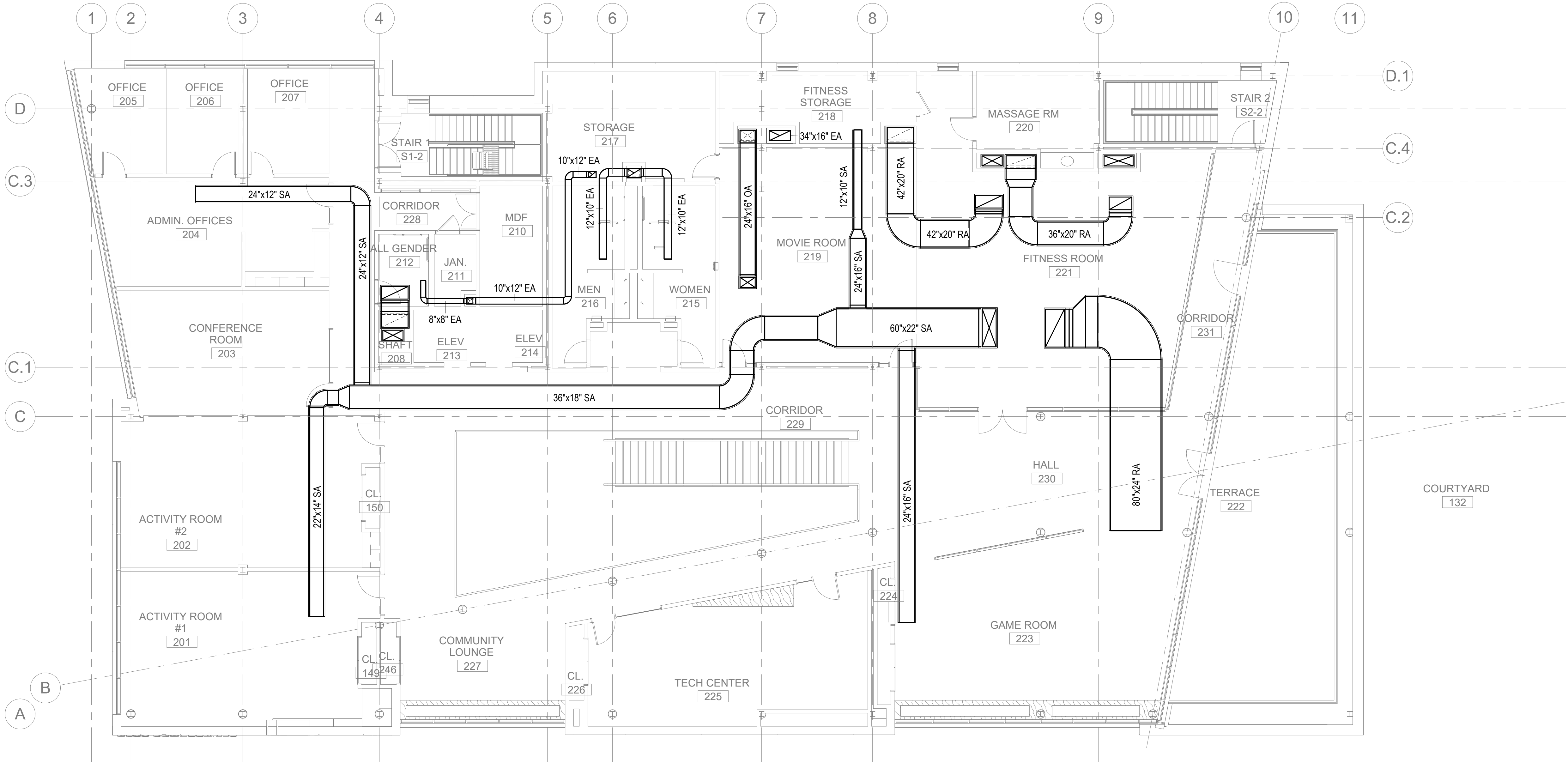
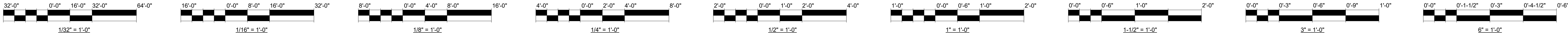
Title
**FIRST FLOOR
MECHANICAL PLAN**

Sheet

M1.01



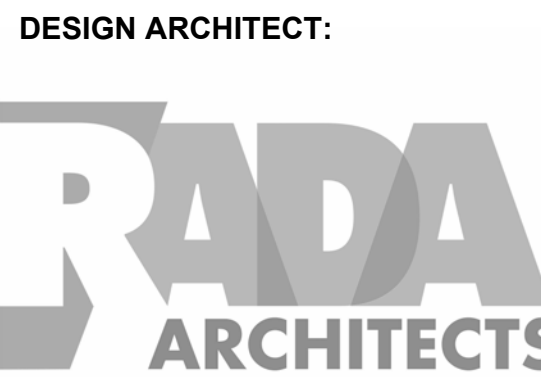
1 FIRST FLOOR MECHANICAL PLAN
SCALE: 1/8" = 1'-0"



1 SECOND FLOOR MECHANICAL PLAN
SCALE: 1/8" = 1'-0"



**DFSS BRONZEVILLE
REGIONAL SENIOR CENTER**
4711 - 4755 S. CALUMET AVE.
CHICAGO IL, 60615
PUBLIC BUILDING COMMISSION
CITY OF CHICAGO, MAYOR BRANDON JOHNSON



ADDRESS: 233 N. MICHIGAN AVE, #1900
CHICAGO, ILLINOIS 60601
PHONE: 312.856.1970
FAX: 312.856.1978
WEB: WWW.RADA-ARCH.COM

ARCHITECT OF RECORD:

MEP/FP ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

STRUCTURAL ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

CIVIL ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

LANDSCAPE ARCHITECT
TGDA Landscape Architecture
3233 W. Le Moine Street, #1
Chicago, IL 60651

FOOD SERVICE CONSULTANT
S20 Consultants
530 N. Wood Street, #C
Chicago, IL 60622

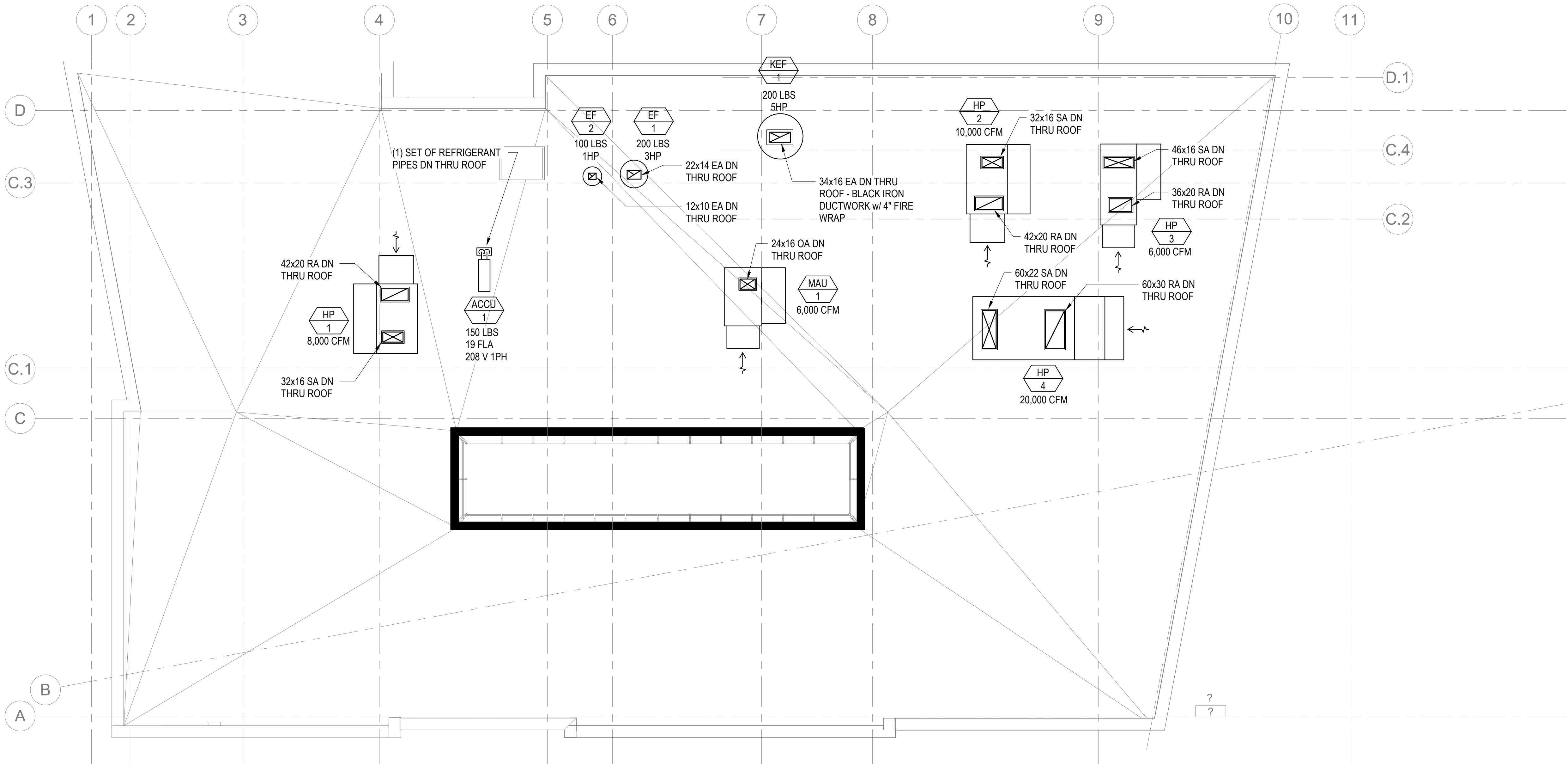
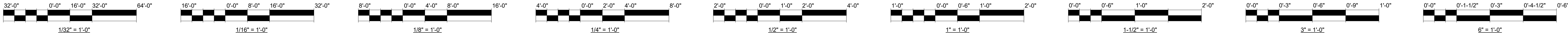
Issuance		
MARK	DESCRIPTION	DATE
1	50% SD	6/20/2025
2	100% SD	8/15/2025

PBC Project Name: DFSS BRONZEVILLE
REGIONAL SENIOR CENTER

PBC Contract No: 10030
Project No: H-93

Title
**SECOND FLOOR
MECHANICAL PLAN**

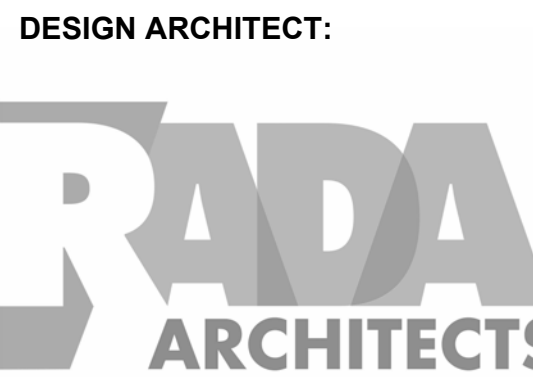
Sheet
M1.02



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



**DFSS BRONZEVILLE
REGIONAL SENIOR CENTER**
4711 - 4755 S. CALUMET AVE.
CHICAGO IL, 60615
PUBLIC BUILDING COMMISSION
CITY OF CHICAGO, MAYOR BRANDON JOHNSON



ADDRESS: 233 N. MICHIGAN AVE, #1900
CHICAGO, ILLINOIS 60601
PHONE: 312.856.1970
FAX: 312.856.1978
WEB: WWW.RADA-ARCH.COM

ARCHITECT OF RECORD:

MEP/FP ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

STRUCTURAL ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

CIVIL ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

LANDSCAPE ARCHITECT
TGDA Landscape Architecture
3233 W. Le Moine Street, #1
Chicago, IL 60651

FOOD SERVICE CONSULTANT
S20 Consultants
530 N. Wood Street, #C
Chicago, IL 60622

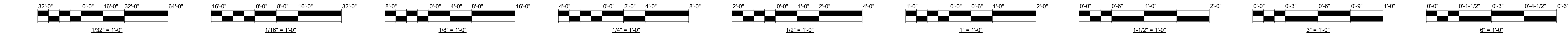
Issuance		
MARK	DESCRIPTION	DATE
1	50% SD	6/20/2025
2	100% SD	8/15/2025

PBC Project Name: DFSS BRONZEVILLE
REGIONAL SENIOR CENTER

PBC Contract No: 10030
Project No: H-93

Title
**ROOF MECHANICAL
PLAN**

Sheet
M1.03



RECEPTACLES	
	SINGLE RECEPTACLE
	DUPLEX RECEPTACLE
	DOUBLE DUPLEX RECEPTACLE
	DUPLEX RECEPTACLE ON SEPARATE CIRCUIT
	DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER
	DUPLEX RECEPTACLE WITH HALF SWITCHED OUTLET
	SPECIAL RECEPTACLE - REFER TO PLANS FOR NEMA TYPE
	DUPLEX RECEPTACLE - FLUSH MOUNTED AND FLOOR BOX
	CLOCK RECEPTACLE
	CEILING MOUNTED RECEPTACLE
	WALL MOUNTED OUTLET WITH FLEXIBLE CONNECTION TO FURNITURE SYSTEM OR EQUIPMENT CONNECTION
	FLOOR BOX OUTLET WITH FLEXIBLE CONNECTION TO FURNITURE SYSTEM OR EQUIPMENT CONNECTION
	POKE THROUGH OUTLET WITH FLEXIBLE CONNECTION TO FURNITURE SYSTEM OR EQUIPMENT CONNECTION
	UNDERFLOOR DUCT OUTLET INCLUDING SYSTEM ACTIVATION OF CELL OR DUCT WITH FLEXIBLE CONNECTION TO FURNITURE SYSTEM OR EQUIPMENT CONNECTION
	ELECTRIC WATER COOLER
RECEPTACLE NOTES: 1G DENOTES ISOLATED GROUND GFI DENOTES GROUND FAULT INTERRUPTER AFCI DENOTES ARC FAULT CURRENT INTERRUPTER WP DENOTES WHILE IN USE WEATHERPROOF COVER TR DENOTES TAMPER RESISTANT SC DENOTES SEPARATE CIRCUIT	

SWITCHES	
	SINGLE POLE SWITCH, THE NUMBER "1" DENOTES CIRCUIT NUMBER AND THE LETTER "a" SWITCH CONTROL. WP DENOTES WEATHERPROOF
	THREE WAY SWITCH
	FOUR WAY SWITCH
	KEY OPERATED SWITCH
	SWITCH WITH PILOT LIGHT
	MOMENTARY CONTACT SWITCH
	MANUAL ON FOR VACANCY SENSOR
	LIGHTING CONTROL STATION XXX IS UNIQUE IDENTIFIER REFER TO SCHEDULE
	DIMMER SWITCH WATTAGE AS NECESSARY VS INCATES INTEGRAL MANUAL ON FOR VACANCY SENSOR ASSOCIATED WITH DIMMER
	EMERGENCY - SHROUDED TYPE REMOTE CONTROL 'OFF' PUSHBUTTON (EPO)
	DOOR JAMB LIGHT SWITCH, EDWARDS #502A OR EQUIVALENT
	ENERGY MONITORING DEVICE WITH MODBUS/BACNET CAPABILITIES

RACEWAYS AND WIREWAYS	
	PULL BOX OR TAP JUNCTION BOX FOR FEEDERS
	JUNCTION BOX
	JUNCTION BOX - WALL MOUNTED
	JUNCTION BOX WITH FLEXIBLE CONNECTION

EXIT SIGN SCHEDULE				
SHADED QUADRANTS ON SYMBOL INDICATE FACE ORIENTATION				
SINGLE FACE			DOUBLE FACE	
No.	DESCRIPTION	SYMBOL	No.	DESCRIPTION
1	FIRE ESCAPE		16	FIRE ESCAPE
2	STAIRS		17	STAIRS
3	EXIT		18	EXIT
4	FIRE ESCAPE		19	FIRE ESCAPE
5	STAIRS		20	STAIRS
6	EXIT		21	EXIT
7	FIRE ESCAPE		22	FIRE ESCAPE
8	STAIRS		23	STAIRS
9	EXIT		24	EXIT
10	FIRE ESCAPE			
11	STAIRS			
12	EXIT			

OCCUPANCY SENSOR SYSTEM	
	WALL SWITCH VACANCY SENSOR (DUAL TECHNOLOGY): PI DENOTES PASSIVE INFRARED ONLY TYPE OS DENOTES OCCUPANCY SENSOR PC DENOTES DUAL TECHNOLOGY WITH PHOTOCCELL
	CEILING MOUNTED DUAL TECHNOLOGY 360° VACANCY SENSOR AND POWER PACK(S). 2P DENOTES 2-POLE PIR DENOTES PASSIVE INFRARED ONLY US DENOTES ULTRASONIC ONLY PC DENOTES DUAL TECHNOLOGY WITH PHOTOCCELL
	CEILING MOUNTED DUAL TECHNOLOGY 360° OCCUPANCY SENSOR AND POWER PACK(S). 2P DENOTES 2-POLE PIR DENOTES PASSIVE INFRARED ONLY US DENOTES ULTRASONIC ONLY PC DENOTES DUAL TECHNOLOGY WIT PHOTOCCELL
	WIDE ANGLE OCCUPANCY SENSOR
	DAYLIGHT SENSOR WITH POWER PACK AS REQUIRED

DISTRIBUTION EQUIPMENT	
	NAMING CONVENTION: 1ST GROUP OF CHARACTERS CODED AS FOLLOWS: DENOTES THE LEVEL ON WHICH THE PANEL IS LOCATED IF MORE THAN ONE LETTER IS SHOWN, THE FIRST LETTER DENOTES THE BUILDING IN WHICH THE PANEL IS LOCATED 2ND GROUP OF CHARACTERS CODED AS FOLLOWS: 'ATS' AUTOMATIC TRANSFER SWITCH 'B' BASE BUILDING 'C' CRITICAL 'D' DISTRIBUTION 'E' EMERGENCY 'HP' HEATING 'HV' 480Y/277V 'ISO' ISOLATION 'K' KITCHEN 'L' LIGHTING 'LV' 208Y/120V 'LVSG' LOW VOLTAGE SWITCHGEAR 'LS' LIFE SAFETY 'M' MECHANICAL 'MCC' MOTOR CONTROL CENTER 'MVGSM' MEDIUM VOLTAGE SWITCHGEAR 'P' POWER PANEL 'PDU' POWER DISTRIBUTION UNIT 'R' RECEPTACLE 'RPP' REMOTE POWER PANEL 'STS' STATIC TRANSFER SWITCH 'SWGR' SWITCHGEAR 'SWBD' SWITCHBOARD 'T' TRANSFORMER 'TC' TERMINAL CABINET 'UPS' UNINTERRUPTIBLE POWER SUPPLY 'USS' UNIT SUBSTATION COMBINATION OF LETTERS IS ALLOWED 3RD NUMBER DENOTES: '#' NUMBER DENOTES NUMBER FOR THAT PARTICULAR TYPE AND FLOOR '#A' NUMBER DENOTES NUMBER FOR THAT PARTICULAR TYPE AND FLOOR, LETTER DENOTES UTILITY SUBSTATION SOURCE '#F' LETTER DENOTES CORE CLOSET NUMBER, NUMBER DENOTES NUMBER FOR THAT PARTICULAR TYPE AND FLOOR

	FLUSH MOUNTED PANEL. SEE DESCRIPTION FOR TYPE.
	SURFACE MOUNTED PANEL. SEE DESCRIPTION FOR TYPE.
	PLUG-IN BUSWAY, SIZE AND MOUNTING AS INDICATED.
	FEEDER BUSWAY, SIZE AND MOUNTING AS INDICATED.
	CABLE TAP BOX.

HEATING EQUIPMENT	
	ELECTRIC UNIT HEATER WITH BUILT IN THERMOSTAT. WALL OR CEILING MOUNTED.
	CABINET UNIT HEATER WITH BUILT IN DISCONNECT SWITCH AND THERMOSTAT
	BASEBOARD HEATER WITH BUILT IN THERMOSTAT. LENGTH AS INDICATED ON PLAN. SEE MECHANICAL & ELECTRICAL EQUIPMENT SCHEDULES FOR KW OR WATTAGE PER LINEAR FOOT.
	ELECTRIC DUCT HEATER
	FAN POWERED BOX
	EXHAUST FAN - REFER TO SCHEDULES FOR HORSEPOWER AND VOLTAGE
	ELECTRIC WATER HEATER - REFER TO SCHEDULES FOR WATTAGE AND VOLTAGE
	HEAT TRACE

LUMINAIRES		
CEILING	WALL	NORMAL
		1x1 LIGHTING FIXTURE
		2x4 LIGHTING FIXTURE
		2x2 LIGHTING FIXTURE
		STRIP LIGHT
		FLOODLIGHT
		ADJUSTABLE LUMINAIRE, ARROW DENOTES AIMING ORIENTATION
		RECESSED WALL WASHER LUMINAIRE
		RECESSED DOWNLIGHT LUMINAIRE

EMERGENCY		
		1x1 LIGHTING FIXTURE WIRED TO EMERGENCY LIGHTING SYSTEM
		2x2 LIGHTING FIXTURE WIRED TO EMERGENCY LIGHTING SYSTEM
		2x4 LIGHTING FIXTURE WIRED TO EMERGENCY LIGHTING SYSTEM
		STRIP LIGHT WIRED TO EMERGENCY LIGHTING SYSTEM
		DOWNLIGHT WIRED TO EMERGENCY LIGHTING SYSTEM

CRITICAL		
		1x1 LIGHTING FIXTURE WIRED TO CRITICAL SYSTEM
		2x2 LIGHTING FIXTURE WIRED TO CRITICAL SYSTEM
		2x4 LIGHTING FIXTURE WIRED TO CRITICAL SYSTEM
		DOWNLIGHT WIRED TO CRITICAL SYSTEM

LUMINAIRE NOTES: 'T1' DENOTES FIXTURE TYPE, REFER TO LIGHTING FIXTURE SCHEDULE FOR DESCRIPTION AND MOUNTING. '3a' '3' DENOTES THE CIRCUIT NUMBER AND 'a' DENOTES SWITCH CONTROL. 'EM1' 'EM' DENOTES A LIGHT FIXTURE WIRED TO THE EMERGENCY SYSTEM. 'C3a' 'C' DENOTES A LIGHT FIXTURE WIRED TO THE CRITICAL SYSTEM. 'DM' DIMMING BALLAST OR DRIVER	
--	--

MOTORS AND CONTROLS	
	MOTOR, REFER TO EQUIPMENT SCHEDULE FOR HORSEPOWER, DESCRIPTION, WIRING AND PANEL FED FROM
	MOTOR OPERATED DAMPER REFER TO EQUIPMENT SCHEDULE FOR HORSEPOWER, DESCRIPTION, WIRING AND PANEL FED FROM
	VARIABLE FREQUENCY CONTROLLER WITH RATING AS INDICATED (ALSO 'VFD')
	CONTACTOR WITH ENCLOSURE RATING AS INDICATED
	COMBINATION CONTACTOR WITH DISCONNECT SWITCH
	CIRCUIT BREAKER WITH ENCLOSURE, RATING AS INDICATED
	NON-FUSED DISCONNECT SWITCH, RATING AS INDICATED
	FUSIBLE DISCONNECT, RATING AS INDICATED
	MOTOR CONTROLLER
	COMBINATION MOTOR CONTROLLER AND DISCONNECT SWITCH WITH OVERCURRENT PROTECTION
	LOCK-OUT SWITCH
	PUSH BUTTON CONTROL STATION. 'P' DENOTES STATION WITH PILOT LIGHT
	EQUIPMENT IDENTIFICATION - SEE EQUIPMENT SCHEDULE
	SINGLE POLE MANUAL STARTER WITH THERMAL OVERLOAD PROTECTION FOR FRACTIONAL SINGLE PHASE MOTORS. 'P' DENOTES PILOT LIGHT. '2' DENOTES DOUBLE POLE, AND 'T' DENOTES THERMAL OVERLOAD

ONE-LINE ELECTRICAL DIAGRAM	
	INCOMING LINE
	POLY PHASE TRANSFORMER
	3 PHASE, DELTA, UNGROUNDED
	3 PHASE, DELTA, CORNER-GROUNDED
	3 PHASE, DELTA, MIDPOINT-GROUNDED
	3 PHASE WYE OR STAR UNGROUNDED
	3 PHASE WYE, GROUNDED NEUTRAL
	POTENTIAL TRANSFORMER
	CURRENT TRANSFORMER
	GROUND
	MEDIUM VOLTAGE POWER CIRCUIT BREAKER
	LOW VOLTAGE DRAW-OUT CIRCUIT BREAKER
	CIRCUIT BREAKER (3-POLE, UNO)

CIRCUIT BREAKER TRIP UNIT FEATURES: 'L' ADJUSTABLE LONG TIME DELAY & ADJUSTABLE LONG TIME PICKUP 'S' ADJUSTABLE SHORT TIME DELAY & ADJUSTABLE SHORT TIME PICKUP 'I' ADJUSTABLE INSTANTANEOUS 'G' ADJUSTABLE GROUND FAULT DELAY & ADJUSTABLE GROUND FAULT PICKUP 'A' GROUND FAULT ALARM ONLY 'Z' ZONE SELECTIVE INTERLOCKING 'ST' SHUNT TRIP '100R' 100% RATED 'N.O.' NORMALLY OPEN 'N.C.' NORMALLY CLOSED	
---	--

	NETWORK PROTECTOR
	NORMALLY OPEN CONTROL CONTACT
	NORMALLY CLOSED CONTROL CONTACT
	SINGLE THROW SWITCH
	DOUBLE THROW SWITCH
	AUTOMATIC TRANSFER SWITCH
	MEDIUM VOLTAGE FUSED CUTOUT
	FUSE
	FUSIBLE ELEMENT
	SURGE ARRESTOR
	SURGE PROTECTION DEVICE (FORMERLY TVSS)
	CABLE TERMINATION
	POT HEAD
	STRESS CONE

	SELECTOR SWITCH
	AMMETER
	AMMETER SWITCH
	VOLTMETER
	VOLTMETER SWITCH
	BASIC RELAY SYMBOL
	GENERATOR
	BATTERY
	WATT HOUR METER
	VARMETER
	UTILITY METER METER
	MICROPROCESSOR METERING DEVICE
	MICROPROCESSOR MOTOR PROTECTION DEVICE
	THERMAL OVERLOAD
	SHUNT TRIP
	KEY INTERLOCK DEVICE, NUMBER DENOTES POSITION
	MOTOR, NUMBER DENOTES HORSEPOWER

	3-PHASE CAPACITOR BANK
	STATIC TRANSFER SWITCH
	DRAWOUT ELEMENT

ABBREVIATIONS AND DEFINITIONS	
AFCI	ARC FAULT CIRCUIT INTERRUPTER
AFF	ABOVE FINISHED FLOOR
ATS	AUTOMATIC TRANSFER SWITCH
BB	BASEBOARD HEATER
BPS	BOLTED PRESSURE SWITCH
BFP	BLOWN FUSE PROTECTION
CB	CIRCUIT BREAKER
CCT	CIRCUIT
CO	CONDUIT ONLY
CPT	CONTROL POWER TRANSFORMER
CT	CURRENT TRANSFORMER
CR	CARD READER
CUH	CABINET UNIT HEATER
DISC	DISCONNECT
DN	DOWN
DPOT	DOUBLE POLE DOUBLE THROW
DPST	DOUBLE POLE SINGLE THROW
EM	EMERGENCY
EPO	EMERGENCY POWER OFF
EQPT	EQUIPMENT
EUH	ELECTRIC UNIT HEATER
EWC	ELECTRIC WATER COOLER
FA	FIRE ALARM
FCU	FAN COOL UNIT
FPB	FAN POWERED BOX
FFC	FORCED FLOW CONVECTOR
GFI	GROUND FAULT INTERRUPTER
GFCI	GROUND FAULT CURRENT INTERRUPTER
GRD	GROUND
HID	HIGH INTENSITY DISCHARGE
HOA	HAND OFF AUTOMATIC (SELECTOR)
HP	HORSEPOWER
JB	JUNCTION BOX
IG	ISOLATED GROUND
INC	INCANDESCENT
KV	KILOVOLT
KIOWATT	KILOWATT
KVA	KILOVOLT AMP
LED	LIGHT EMITTING DIODE
LTS	LIGHTING
M	METER FITTING
MCB	MAIN CIRCUIT BREAKER
MCP	MOTOR CIRCUIT PROTECTOR
MLO	MAIN LUGS ONLY
MS	MAIN SWITCH
MTD	MOUNTED
MV	MEDIUM VOLTAGE
NC	NORMALLY CLOSED (CONTACTS)
NF	NON-FUSED DISCONNECT
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN (CONTACTS)
NTS	NOT TO SCALE
PFC	POWER FACTOR CORRECTION
PNL	PANEL
PRI	PRIMARY
PT	POTENTIAL TRANSFORMER
RCP	REFLECTED CEILING PLAN
RMC	RIGID METAL CONDUIT
SEC	SECONDARY
SPD	SURGE PROTECTION DEVICE (TVSS)
SPDT	SINGLE POLE DOUBLE THROW
ST	SHUNT TRIP
SW	SWITCH
TEL	TELEPHONE
TR	TAMPER RESISTANT
UH	UNIT HEATER
UNO	UNLESS NOTED OTHERWISE
UPS	UNINTERRUPTIBLE POWER SUPPLY
VP	VAPOR PROOF (ENCLOSED AND GASKETED)
WP	WEATHERPROOF (NEMA-3R OUTDOOR, NEMA-4 IN PLENUMS)
WH	WATER HEATER
WT	WATERTIGHT (NEMA-4)
XFMR	TRANSFORMER
XP	EXPLOSION PROOF
VCB	VACUUM CIRCUIT BREAKER
VFC	VARIABLE FREQUENCY CONTROLLER
VFD	VARIABLE FREQUENCY DRIVE

REFERENCE SYMBOLS	
TYPE	RISER DESIGNATION
LOC	EQUIPMENT IDENTIFICATION
	MATCHLINE
	DETAIL / ENLARGED PLAN CALLOUT
	DETAIL / SECTION ELEVATION
	INTERIOR ELEVATION
NOMENCLATURE: 	

- GENERAL NOTES:
- PROVIDE LABOR, MATERIALS, EQUIPMENT AND SERVICES FOR THE COMPLETION OF ELECTRICAL SYSTEMS AS SHOWN ON THESE DRAWINGS, NARRATIVE AND AS REQUIRED BY THE LATEST EDITION OF THE CHICAGO ELECTRICAL CODE, CURRENTLY ADOPTED CHICAGO ENERGY CODE, STATE AND LOCAL CODES, AND OSHA REGULATIONS. THE CONTRACTOR SHALL PAY ALL FEES, AND OBTAIN ALL CERTIFICATES AND INSPECTIONS.
 - NON-COMPLIANCE: SHOULD THE CONTRACTOR PERFORM ANY WORK THAT DOES NOT COMPLY WITH THE REQUIREMENTS OF APPLICABLE BUILDING CODES, STATE LAWS, LOCAL ORDINANCES, INDUSTRY STANDARDS, AND UTILITY COMPANY REGULATIONS, THE CONTRACTOR SHALL BEAR ALL COSTS ARISING CORRECTING THE DEFICIENCIES.
 - IN CASE OF DIFFERENCE BETWEEN BUILDING CODES, STATE LAWS, LOCAL ORDINANCES, INDUSTRY STANDARDS, UTILITY COMPANY REGULATIONS, THESE SPECIFICATIONS AND THE CONTRACT DRAWINGS, THE MOST STRINGENT SHALL GOVERN. THE CONTRACTOR SHALL PROMPTLY NOTIFY THE OWNER IN WRITING OF ANY SUCH DIFFERENCE.
 - ALL EQUIPMENT SHALL BE NEW AND UNUSED; AND SHALL BE "UL" LISTED AND BEAR THE "UL" LABEL.
 - ALL EQUIPMENT SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER. ALL MATERIALS SHALL BE OF THE BEST QUALITY FOR PURPOSE INTENDED. TRADE NAMES AND CATALOG NUMBERS ARE INTENDED TO INDICATE THIS QUALITY AND GRADE. OBTAIN WRITTEN APPROVAL FROM THE OWNER FOR ANY SUBSTITUTIONS MADE AFTER ACCEPTANCE OF SUBMITTAL FOR ANY ITEM.
 - PRIOR TO SUBMISSION OF BID, THE CONTRACTOR SHALL VISIT THE JOB SITE TO ASCERTAIN ACTUAL FIELD CONDITIONS AS THEY RELATE TO THE WORK IN THESE SPECIFICATIONS AND DRAWINGS. ANY DISCREPANCIES SHALL BE BROUGHT TO ATTENTION OF THE ARCHITECT AND/OR ENGINEER AT THIS TIME. ALL ITEMS NOT RESOLVED PRIOR TO BID SHALL BE INCLUDED AS WRITTEN QUALIFICATIONS TO THE BID DOCUMENT. SUBMISSION OF BID SHALL BE EVIDENCE THAT VERIFICATION OF THE JOB SITE HAS BEEN PERFORMED.
 - THE GENERAL CONTRACTOR SHALL PERFORM ALL CUTTING, CORE DRILLING, SLAB PENETRATIONS, TRENCHING, ETC. NECESSARY FOR PROPER INSTALLATION OF ELECTRICAL WORK. THE CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR AS REQUIRED TO INCLUDE ALL WORK IN THE BID SUBMISSION.
 - WHERE FLOOR PENETRATIONS ARE REQUIRED, FLOOR SLABS SHALL BE X-RAYED PRIOR TO THE START OF ANY WORK. COORDINATE SCHEDULING OF THIS WORK WITH THE ARCHITECT AND BUILDING MANAGEMENT.
 - ALL LOCATIONS SHALL BE FIELD COORDINATED WITH THE ARCHITECT AND/OR BUILDING MANAGEMENT; AND SHALL BE APPROVED BY THE BUILDING STRUCTURAL ENGINEER PRIOR TO START OF WORK.
COORDINATE WITH THE BUILDING MANAGEMENT TO ENSURE INTEGRITY OF FLOOR SLABS IS MAINTAINED. PROVIDE ALL STRUCTURAL SUPPORTS AS DIRECTED BY THE BUILDING STRUCTURAL ENGINEER IF REQUIRED.
 - OPENINGS AROUND ELECTRICAL PENETRATIONS THROUGH FIRE RESISTANCE RATED WALLS, PARTITIONS, FLOORS OR CEILINGS SHALL BE FIRE STOPPED USING APPROVED METHODS. ACCEPTABLE MANUFACTURERS ARE HULTI AND 3M BUT MATERIAL MUST BE APPROVED BY THE LOCAL AUTHORITY HAVING JURISDICTION.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL ELECTRICAL INSTALLATIONS THAT ARE WITHIN CLOSE PROXIMITY OF OTHER TRADES. CONDUIT SHALL BE INSTALLED AS HIGH AS POSSIBLE ABOVE FINISHED CEILING TO AVOID CONFLICTS WITH OTHER TRADES. ALL WORK SHALL BE COORDINATED WITH OTHER TRADES.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL TEMPORARY LIGHTING AND POWER DURING CONSTRUCTION.
 - COVER LIGHT FIXTURES, EQUIPMENT, APPARATUS, ETC. TO PROTECT AGAINST MECHANICAL, WATER, DIRT OR MECHANICAL DAMAGE BEFORE AND DURING THE CONSTRUCTION PERIOD UNTIL THE FINAL ACCEPTANCE. ALL EQUIPMENT SHALL BE DELIVERED, PROPERLY PACKED AND STORED AT THE JOB SITE UNTIL FINAL INSTALLATION.
 - THE CONTRACTOR SHALL REPAIR ANY DAMAGE DONE BY HIMSELF OR HIS WORKMEN. RESTORE TO ORIGINAL CONDITION ANY APPARATUS, EQUIPMENT OR SURFACE DAMAGED UNDER THIS SCOPE OF WORK PRIOR TO FINAL ACCEPTANCE, INCLUDING RESTORATION OF DAMAGES TO SHOP COATS OF PAINT.
 - THE DRAWINGS FOR ELECTRICAL WORK UTILIZE SYMBOLS AND SCHEMATIC DIAGRAMS WHICH HAVE NO DIMENSIONAL SIGNIFICANCE. THE WORK SHALL BE INSTALLED TO FULFILL THE DIAGRAMMATICAL INTENT EXPRESSED ON THE DRAWINGS AND IN CONFORMITY WITH DIMENSIONS INDICATED ON FINAL WORKING DRAWINGS, FIELD LAYOUTS AND SHOP DRAWINGS FROM ALL TRADES.
 - PROVIDE TO THE OWNER, A COMPLETE SET OF REPRODUCIBLE AS-BUILT DRAWINGS ON AUTOCAD CLEARLY INDICATING ANY DEVIATIONS FROM THE DESIGN AS SHOWN ON THE DRAWINGS.
 - PROVIDE TO THE OWNER FOUR (4) COPIES OF THE OPERATING AND MAINTENANCE MANUALS WITH CATALOG INFORMATION ON ELECTRICAL EQUIPMENT INCLUDING, BUT NOT LIMITED TO: TRANSFORMERS, SWITCHBOARDS, PANELBOARDS, GENERATORS, UPS SYSTEMS, TRANSFER SWITCHES, LIGHTING CONTROL SYSTEMS, COMMUNICATION SYSTEMS, SECURITY SYSTEMS AND FIRE ALARM SYSTEMS.
 - SHOP DRAWINGS AND OTHER INFORMATION REQUIRED: PRIOR TO PURCHASING ANY EQUIPMENT OR MATERIALS, A MANUFACTURER'S LIST SHALL BE SUBMITTED FOR REVIEW. PRIOR TO ASSEMBLING OR INSTALLING THE WORK, THE FOLLOWING SHALL BE SUBMITTED FOR REVIEW:
16.1. CATALOG INFORMATION SHEETS, FACTORY ASSEMBLY DRAWINGS AND FIELD INSTALLATION DRAWINGS AS REQUIRED FOR A COMPLETE EXPLANATION AND DESCRIPTION OF ALL ITEMS OR EQUIPMENT SPECIFIED IN THE FOLLOWING SECTIONS.
 - THE PURPOSE FOR THE REVIEW OF SHOP DRAWINGS IS TO MAINTAIN THE INTEGRITY OF THE DESIGN. UNLESS THE CONTRACTOR CLEARLY INDICATED IN WRITING AND ON THEIR COMPANY LETTERHEAD, ANY CHANGES, SUBSTITUTIONS, DELETIONS OR OTHER DIFFERENCES BETWEEN SUBMISSION AND CONTRACT DOCUMENTS, APPROVAL BY THE ENGINEER DOES NOT CONSTITUTE ACCEPTANCE.
 - NO SUBSTITUTIONS FOR ANY EQUIPMENT MATERIAL AND/OR MANUFACTURER SHALL BE PERMITTED WITHOUT A FORMAL WRITTEN SUBMITTAL INCLUDING AN EXPLANATION FOR SUBSTITUTION, A LIST OF ANY DEVIATIONS FROM SPECIFIED THE MODEL, SHOP DRAWINGS AND ASSOCIATED CREDIT. IT SHALL NOT BE ASSUMED THAT THE ENGINEER HAS READ TEXT OR REVIEWED ANY TECHNICAL DATA OF A MANUFACTURED ITEM AND ITS COMPONENTS EXCEPT WHERE THE VENDOR HAS SPECIFICALLY MENTIONED ALL DIFFERENCES BETWEEN THE SUBSTITUTED PRODUCT AND THE SPECIFIED MODEL.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY EQUIPMENT, WIRING, DEVICES, ETC. REQUIRED FOR THE PROPER INSTALLATION OF THE SUBSTITUTED PRODUCT. THIS INCLUDES MODIFICATIONS OF ANY KIND THAT ARE REQUIRED TO ALL ASSOCIATED SYSTEMS AFFECTED BY THE SUBSTITUTION. SUCH ITEMS SHALL BE PROVIDED AT THE FULL EXPENSE OF THE CONTRACTOR WITH NO COSTS INCURRED TO THE OWNER.
 - ALL SUBSTITUTED PRODUCTS SHALL CONFORM TO PERFORMANCE AND SPATIAL REQUIREMENTS IN THESE SPECIFICATIONS AND DRAWINGS. ALL MODIFICATIONS OR REPLACEMENTS OF ANY PRODUCTS THAT DO NOT MEET THESE REQUIREMENTS SHALL BE MADE AT THE CONTRACTOR'S EXPENSE.
 - THE CONTRACTOR SHALL PROVIDE TESTS FOR EACH OF THE FOLLOWING:
17.1. PRIOR TO ENERGIZING THE ELECTRICAL SYSTEM, THE CONTRACTOR SHALL PROVIDE 600-VOLT INSULATION RESISTANCE TESTS FOR ALL DISTRIBUTION AND UTILIZATION EQUIPMENT. THE CONTRACTOR SHALL PROVIDE A SUITABLE AND STABLE SOURCE OF TEST POWER. THE INSULATION TEST SHALL BE A "MEGGER" TEST AT 500 VOLTS DC FOR 30 SECONDS. THE TEST SHALL BE CONDUCTED IN THE PRESENCE OF THE OWNER. A TEST REPORT SHALL BE SUBMITTED TO THE OWNER. THE MINIMUM INSULATION RESISTANCE SHALL BE 1,000,000 OHMS FOR #12AWG CONDUCTORS AND 250,000 OHMS FOR LARGER CONDUCTORS. CONDUCTORS TESTING BELOW THE MINIMUM INSULATION RESISTANCE SHALL BE REPLACED AND TESTED AGAIN.
 - THE CONTRACTOR SHALL PERFORM A CONTINUITY TEST ON THE ENTIRE ELECTRICAL SYSTEM PRIOR TO ENERGIZING THE SYSTEM TO INSURE PROPER CABLE CONNECTIONS.
 - THE CONTRACTOR SHALL PERFORM CONNECTION TORQUE TESTS FOR ALL LARGER CONDUCTOR BOLTED CONNECTIONS USING A TORQUE WRENCH. TORQUE SHALL BE TO NATIONAL ELECTRICAL TESTING ASSOCIATION'S (NETA) STANDARDS.
 - THE CONTRACTOR SHALL PERFORM MECHANICAL OPERATION TESTS FOR ALL ELECTRICAL EQUIPMENT, SUCH AS DISCONNECT SWITCHES, CIRCUIT BREAKERS, ETC.; TO VERIFY THAT THE MECHANICAL PORTIONS OF THE DEVICE ARE FUNCTIONING.
 - AT THE COMPLETION OF THE LIFE-SAFETY SYSTEM INSTALLATION, THE CONTRACTOR SHALL TEST ALL FIRE ALARM AND EMERGENCY LIGHTING DEVICES. THE CONTRACTOR SHALL SUBMIT A REPORT TO THE ENGINEER VERIFYING THAT THE SYSTEMS ARE FULLY OPERATIONAL.



**DFSS BRONZEVILLE
REGIONAL SENIOR CENTER**

4711 - 4755 S. CALUMET AVE.
CHICAGO IL, 60615

PUBLIC BUILDING COMMISSION
CITY OF CHICAGO, MAYOR BRANDON JOHNSON

DESIGN ARCHITECT:

RADA ARCHITECTS

ADDRESS: 233 N. MICHIGAN AVE, #1900
CHICAGO, ILLINOIS 60601
PHONE: 312.856.1970
FAX: 312.856.1978
WEB: WWW.RADA-ARCH.COM

ARCHITECT OF RECORD:

MEP/FP ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

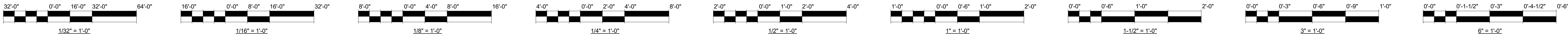
STRUCTURAL ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

CIVIL ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

LANDSCAPE ARCHITECT
TGDA Landscape Architecture
3233 W. Le Moine Street, #1
Chicago, IL 60651

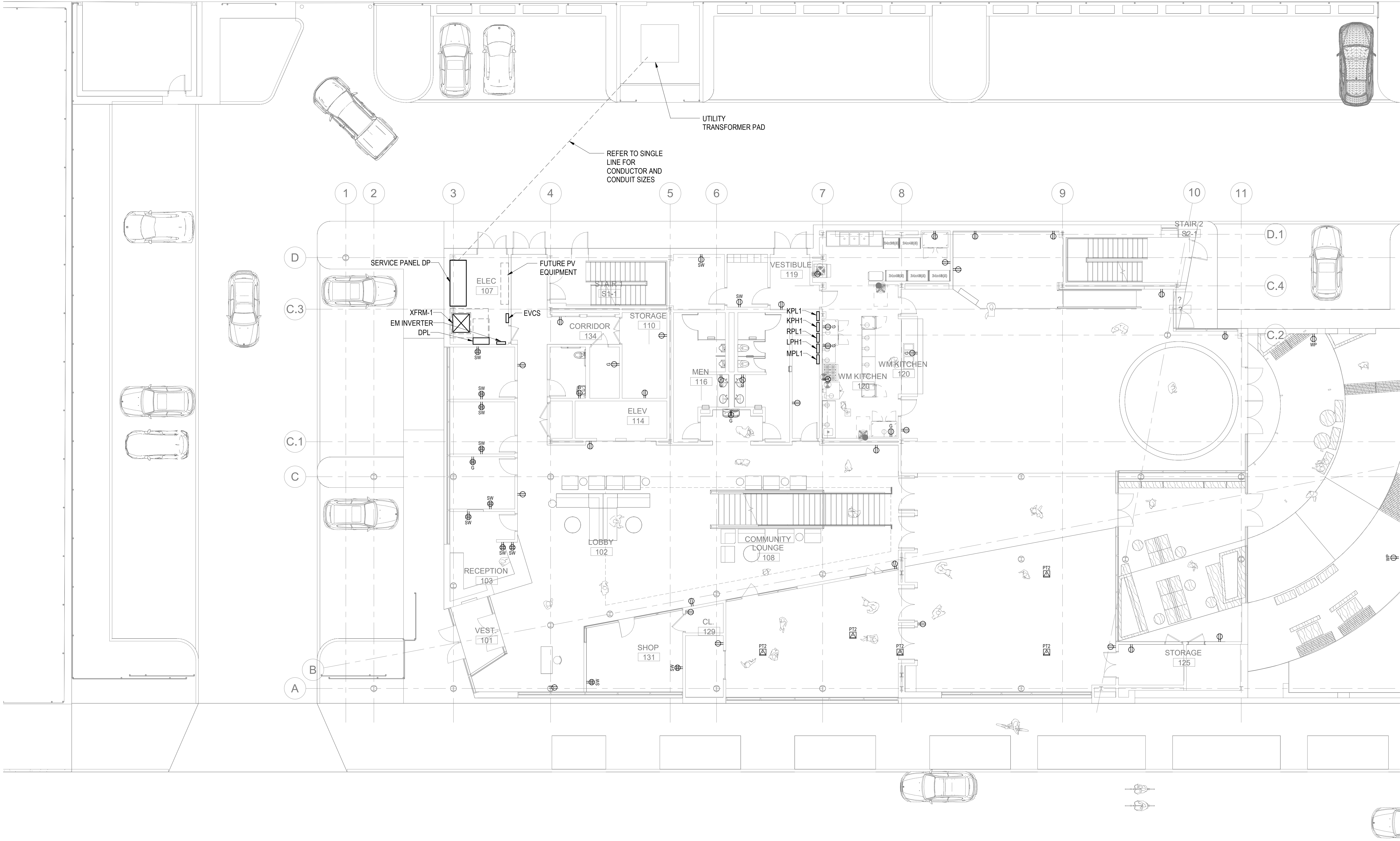
FOOD SERVICE CONSULTANT
530 N. Wood Street, #C
Chicago, IL 60622

Issuance		
MARK	DESCRIPTION	DATE
1	50% SD	6/20/2025
2	100% SD	8/15/2025



SHEET NOTES:

1. VERIFY ALL DEVICE LOCATIONS, MOUNTING HEIGHT AND COLOR WITH ARCHITECTURAL AND FURNITURE PLANS PRIOR TO ROUGH-IN.
2. CONTRACTOR TO FIELD COORDINATE EXACT CONDUIT ROUTING WITH OTHER TRADES. DO NOT EXCEED 360 DEGREE BENDING.
3. GFCI PROTECTED RECEPTACLES SHALL BE PROVIDED FOR THE FOLLOWING AREAS BUT NOT LIMITED TO: BATHROOMS, KITCHEN/BUFFET SERVING AND AREAS WITH SINKS AND PERMANENT PROVISIONS FOR FOOD OR BEVERAGE PREPARATION OR COOKING, ROOFTOPS, OUTDOORS, WITHING 6FT OF SINKS, INDOOR DAMP OR WET LOCATIONS, LOCKER ROOMS, LAUNDRY AREAS, ETC.
4. PROVIDE A READILY ACCESIBLE LOCAL DISCONNECT SWITCH FOR ALL FCU, CUH, AHU, WH, RP AND ANY OTHER ELECTRICAL MECHANICAL OR PLUMBING EQUIPMENT. FIELD VERIFY WHETHER EACH UNIT IS SUPPLIED WITH A FACTORY-INSTALLED DISCONNECT; IF NOT, FURNISH AND INSTALL A LOCAL DISCONNECT AS REQUIRED.
5. SPLIT CONTROLLED RECEPTACLES SHALL BE PROVIDED IN ENCLOSED OFFICES, CONFERENCE ROOMS, ROOMS USED PRIMARILY FOR COPY OR PRINT FUNCTIONS, BREAKROOMS, CLASSROOMS AND INDIVIDUAL WORKSTATIONS, INCLUDING THOSE INSTALLED IN MODULAR PARTITIONS AND MODULE OFFICE WORKSTATION SYSTEMS.
6. PENETRATIONS BELOW GRADE LEVEL SHALL BE WATERTIGHT. PENETRATIONS AT EXTERIOR WALLS, GRADE BEAMS, AND SLABS ON GRADE SHALL BE WEATHERPROOF.
7. CONDUIT PENETRATIONS SHALL BE RATED TO EQUAL ARCHITECTURAL WALLS, FLOOR AND CEILING RATING BY UL LISTED ASSEMBLY.
8. FIRE SEAL ALL PENETRATIONS THROUGH FIRE RATED WALLS. FIRE SEAL ALL FLOOR PENETRATIONS.
9. PROVIDE CONCRETE PADS UNDER ALL FLOOR MOUNTED ELECTRICAL EQUIPMENT.
10. PROVIDE AV POWER, PROJECTOR POWER AND SCREEN POWER. REVER TO AV DRAWINGS FOR ADDITIONAL REQUIREMENTS.
11. FIRE SEAL ALL PENETRATIONS THROUGH FIRE RATED WALLS. FIRE SEAL ALL FLOOR PENETRATIONS.
12. PROVIDE AND INSTALL FIRE ALARM CONTROL PANEL, ANNUNCIATOR(S), DETECTION AND INITIATION DEVICES (SMOKE, HEAT, PULL STATIONS), AND NOTIFICATION APPLIANCES (HORNS/STROBES) PER NFPA 72 AND CHICAGO LOCAL CODES. COORDINATE WITH OTHER TRADES FOR HVAC SHUTDOWN, ELEVATOR RECALL, AV SHUTDOWN AND OTHER LIFE SAFETY FUNCTIONS. DEVICE LOCATIONS, MOUNTING, AND INTEGRATION SUBJECT TO AHJ APPROVAL.
13. PROVIDE CONCRETE PADS UNDER ALL FLOOR MOUNTED ELECTRICAL EQUIPMENT.
14. PROVIDE AV POWER, PROJECTOR POWER AND SCREEN POWER. REVER TO AV DRAWINGS FOR ADDITIONAL REQUIREMENTS.
15. PROVIDE 120V FOR ELECTRIC HAND DRYERS. REFER TO THE ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION.
16. PROVIDE 120V POWER FOR HANDS FREE PLUMBING FIXTURES. REFER TO THE PLUMBING PLANS FOR ADDITIONAL INFORMATION.
17. REFER TO THE AV MEDIA DRAWINGS FOR POWER REQUIREMENTS FOR AV ROOMS. REFER TO COMMUNICATIONS DRAWINGS FOR POWER REQUIREMENTS AND TELE/DATA JACK LOCATIONS.
18. CONTRACTOR TO COORDINATE WITH ELEVATOR VENDOR, PROVIDE CONDUIT AS REQUIRED. FIELD COORDINATE LOCATION WITH AV TELECOMMUNICATION CONTRACTOR.
19. ELECTRICAL CONTRACTOR TO COORDINATE EXACT EQUIPMENT DIMENSION AND LOCATION PRIOR TO ORDERING.
20. REFER TO ELEVATOR DETAIL FOR ELEVATOR REQUIREMENTS.
21. COORDINATE FULL KITCHEN SHUTDOWN UPON FIRE ALARM ACTIVATION, PROVIDE SHUNT TRIP BREAKERS AS NEEDED.
22. PROVIDE EVSE-READY AND/OR EVSE-INSTALLED PARKING SPACES PER CHICAGO ENERGY CODE, ENSURING ADA ACCESSIBILITY, ADEQUATE ELECTRICAL CAPACITY (208/240V, 40A DEDICATED CIRCUITS), AND COMPLIANCE WITH CHICAGO ELECTRICAL CODES. INSTALL CONDUIT, WIRING, AND PANEL CAPACITY FOR FUTURE EXPANSION.



1 LEVEL 1 POWER
SCALE: 1/8" = 1'-0"



**DFSS BRONZEVILLE
REGIONAL SENIOR CENTER**

4711 - 4755 S. CALUMET AVE.
CHICAGO IL, 60615

PUBLIC BUILDING COMMISSION
CITY OF CHICAGO, MAYOR BRANDON JOHNSON

DESIGN ARCHITECT:



ADDRESS: 233 N. MICHIGAN AVE, #1900
CHICAGO, ILLINOIS 60601
PHONE: 312.856.1970
FAX: 312.856.1978
WEB: WWW.RADA-ARCH.COM

ARCHITECT OF RECORD:

MEP/FP ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

STRUCTURAL ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

CIVIL ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

LANDSCAPE ARCHITECT
TGDA Landscape Architecture
3233 W. Le Moine Street, #1
Chicago, IL 60651

FOOD SERVICE CONSULTANT
S20 Consultants
630 N. Wood Street, #C
Chicago, IL 60622

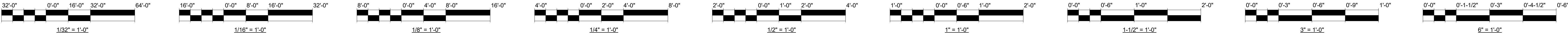
Issuance		
MARK	DESCRIPTION	DATE
1	50% SD	6/20/2025
2	100% SD	8/15/2025

PBC Project Name: DFSS BRONZEVILLE
REGIONAL SENIOR CENTER

PBC Contract No: 10030
Project No: H-93

Title
LEVEL 1 POWER

Sheet
E1.01



SHEET NOTES:

1. VERIFY ALL DEVICE LOCATIONS, MOUNTING HEIGHT AND COLOR WITH ARCHITECTURAL AND FURNITURE PLANS PRIOR TO ROUGH-IN.

2. CONTRACTOR TO FIELD COORDINATE EXACT CONDUIT ROUTING WITH OTHER TRADES. DO NOT EXCEED 360 DEGREE BENDING.

3. GFCI PROTECTED RECEPTACLES SHALL BE PROVIDED FOR THE FOLLOWING AREAS BUT NOT LIMITED TO: BATHROOMS, KITCHEN/BUFFET SERVING AND AREAS WITH SINKS AND PERMANENT PROVISIONS FOR FOOD OR BEVERAGE PREPARATION OR COOKING, ROOFTOPS, OUTDOORS, WITHING 6FT OF SINKS, INDOOR DAMP OR WET LOCATIONS, LOCKER ROOMS, LAUNDRY AREAS, ETC.

4. PROVIDE A READILY ACCESIBLE LOCAL DISCONNECT SWITCH FOR ALL FCU, CUH, AHU, WH, RP AND ANY OTHER ELECTRICAL MECHANICAL OR PLUMBING EQUIPMENT. FIELD VERIFY WHETHER EACH UNIT IS SUPPLIED WITH A FACTORY-INSTALLED DISCONNECT; IF NOT, FURNISH AND INSTALL A LOCAL DISCONNECT AS REQUIRED.

5. SPLIT CONTROLLED RECEPTACLES SHALL BE PROVIDED IN ENCLOSED OFFICES, CONFERENCE ROOMS, ROOMS USED PRIMARILY FOR COPY OR PRINT FUNCTIONS, BREAKROOMS, CLASSROOMS AND INDIVIDUAL WORKSTATIONS, INCLUDING THOSE INSTALLED IN MODULAR PARTITIONS AND MODULE OFFICE WORKSTATION SYSTEMS.
6. PENETRATIONS BELOW GRADE LEVEL SHALL BE WATERTIGHT. PENETRATIONS AT EXTERIOR WALLS, GRADE BEAMS, AND SLABS ON GRADE SHALL BE WEATHERPROOF.

7. CONDUIT PENETRATIONS SHALL BE RATED TO EQUAL ARCHITECTURAL WALLS, FLOOR AND CEILING RATING BY UL LISTED ASSEMBLY.

8. FIRE SEAL ALL PENETRATIONS THROUGH FIRE RATED WALLS. FIRE SEAL ALL FLOOR PENETRATIONS.

9. PROVIDE CONCRETE PADS UNDER ALL FLOOR MOUNTED ELECTRICAL EQUIPMENT.

10. PROVIDE AV POWER, PROJECTOR POWER AND SCREEN POWER. REVER TO AV DRAWINGS FOR ADDITIONAL REQUIREMENTS.

11. FIRE SEAL ALL PENETRATIONS THROUGH FIRE RATED WALLS. FIRE SEAL ALL FLOOR PENETRATIONS.
12. PROVIDE AND INSTALL FIRE ALARM CONTROL PANEL, ANNUNCIATOR(S), DETECTION AND INITIATION DEVICES (SMOKE, HEAT, PULL STATIONS), AND NOTIFICATION APPLIANCES (HORNS/STROBES) PER NFPA 72 AND CHICAGO LOCAL CODES. COORDINATE WITH OTHER TRADES FOR HVAC SHUTDOWN, ELEVATOR RECALL, AV SHUTDOWN AND OTHER LIFE SAFETY FUNCTIONS. DEVICE LOCATIONS, MOUNTING, AND INTEGRATION SUBJECT TO AHJ APPROVAL.

13. PROVIDE CONCRETE PADS UNDER ALL FLOOR MOUNTED ELECTRICAL EQUIPMENT.

14. PROVIDE AV POWER, PROJECTOR POWER AND SCREEN POWER. REVER TO AV DRAWINGS FOR ADDITIONAL REQUIREMENTS.

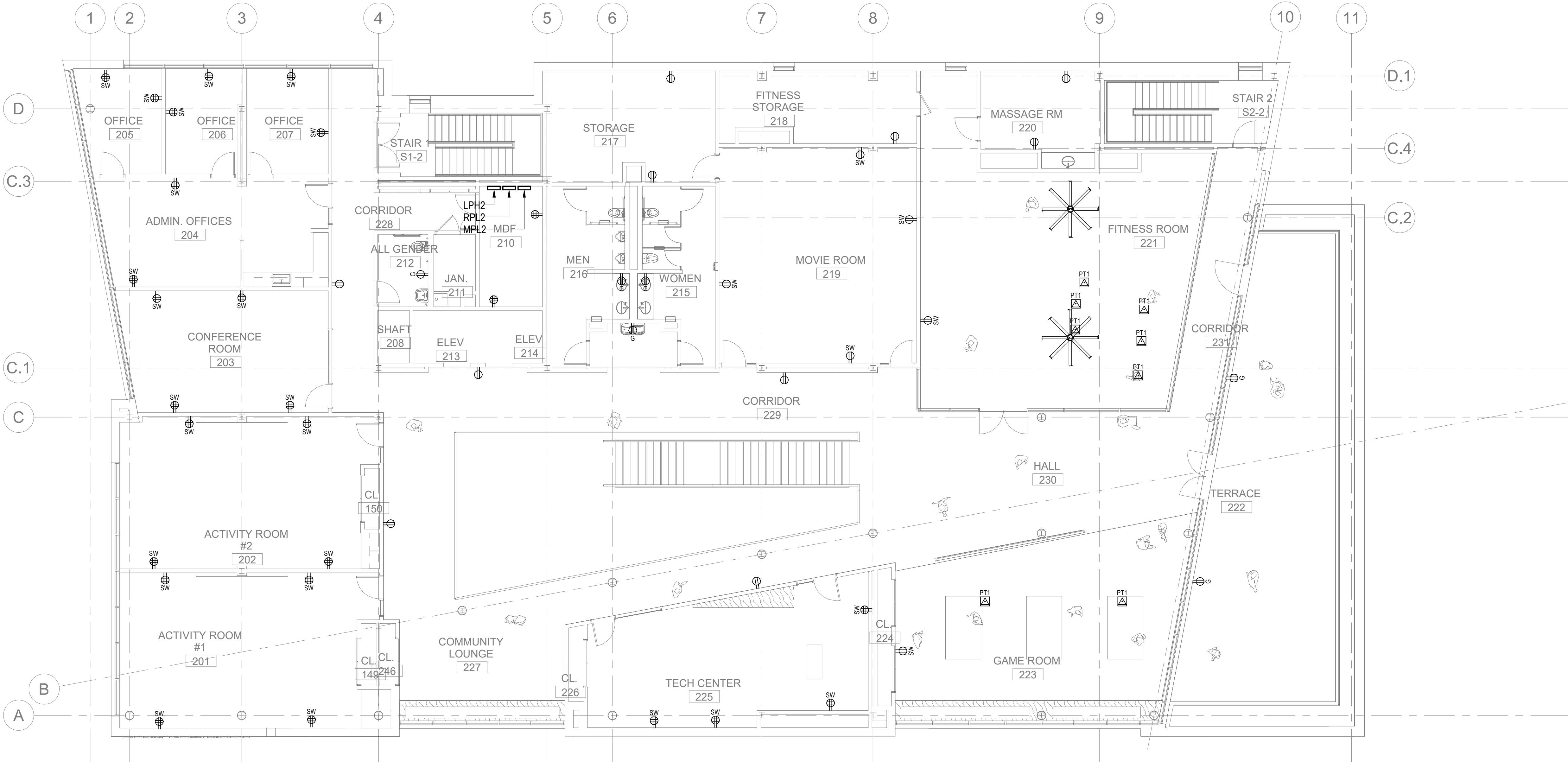
15. PROVIDE 120V FOR ELECTRIC HAND DRYERS. REFER TO THE ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION.

16. PROVIDE 120V POWER FOR HANDS FREE PLUMBING FIXTURES. REFER TO THE PLUMBING PLANS FOR ADDITIONAL INFORMATION.
17. REFER TO THE AV MEDIA DRAWINGS FOR POWER REQUIREMENTS FOR AV ROOMS. REFER TO COMMUNICATIONS DRAWINGS FOR POWER REQUIREMENTS AND TELE/DATA JACK LOCATIONS.

18. CONTRACTOR TO COORDINATE WITH ELEVATOR VENDOR, PROVIDE CONDUIT AS REQUIRED. FIELD COORDINATE LOCATION WITH AV TELECOMMUNICATION CONTRACTOR.

19. ELECTRICAL CONTRACTOR TO COORDINATE EXACT EQUIPMENT DIMENSION AND LOCATION PRIOR TO ORDERING.

20. REFER TO ELEVATOR DETAIL FOR ELEVATOR REQUIREMENTS.



**DFSS BRONZEVILLE
REGIONAL SENIOR CENTER**

4711 - 4755 S. CALUMET AVE.
CHICAGO IL, 60615

PUBLIC BUILDING COMMISSION
CITY OF CHICAGO, MAYOR BRANDON JOHNSON

DESIGN ARCHITECT:



ADDRESS: 233 N. MICHIGAN AVE, #1900
CHICAGO, ILLINOIS 60601
PHONE: 312.856.1970
FAX: 312.856.1978
WEB: WWW.RADA-ARCH.COM

ARCHITECT OF RECORD:

MEP/FP ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

STRUCTURAL ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

CIVIL ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

LANDSCAPE ARCHITECT
TGDA Landscape Architecture
3233 W. Le Moine Street, #1
Chicago, IL 60651

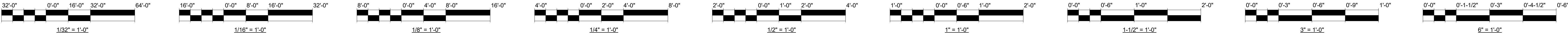
FOOD SERVICE CONSULTANT
S20 Consultants
630 N. Wood Street, #C
Chicago, IL 60622

Issuance		
MARK	DESCRIPTION	DATE
1	50% SD	6/20/2025
2	100% SD	8/15/2025

PBC Project Name: DFSS BRONZEVILLE
REGIONAL SENIOR CENTER

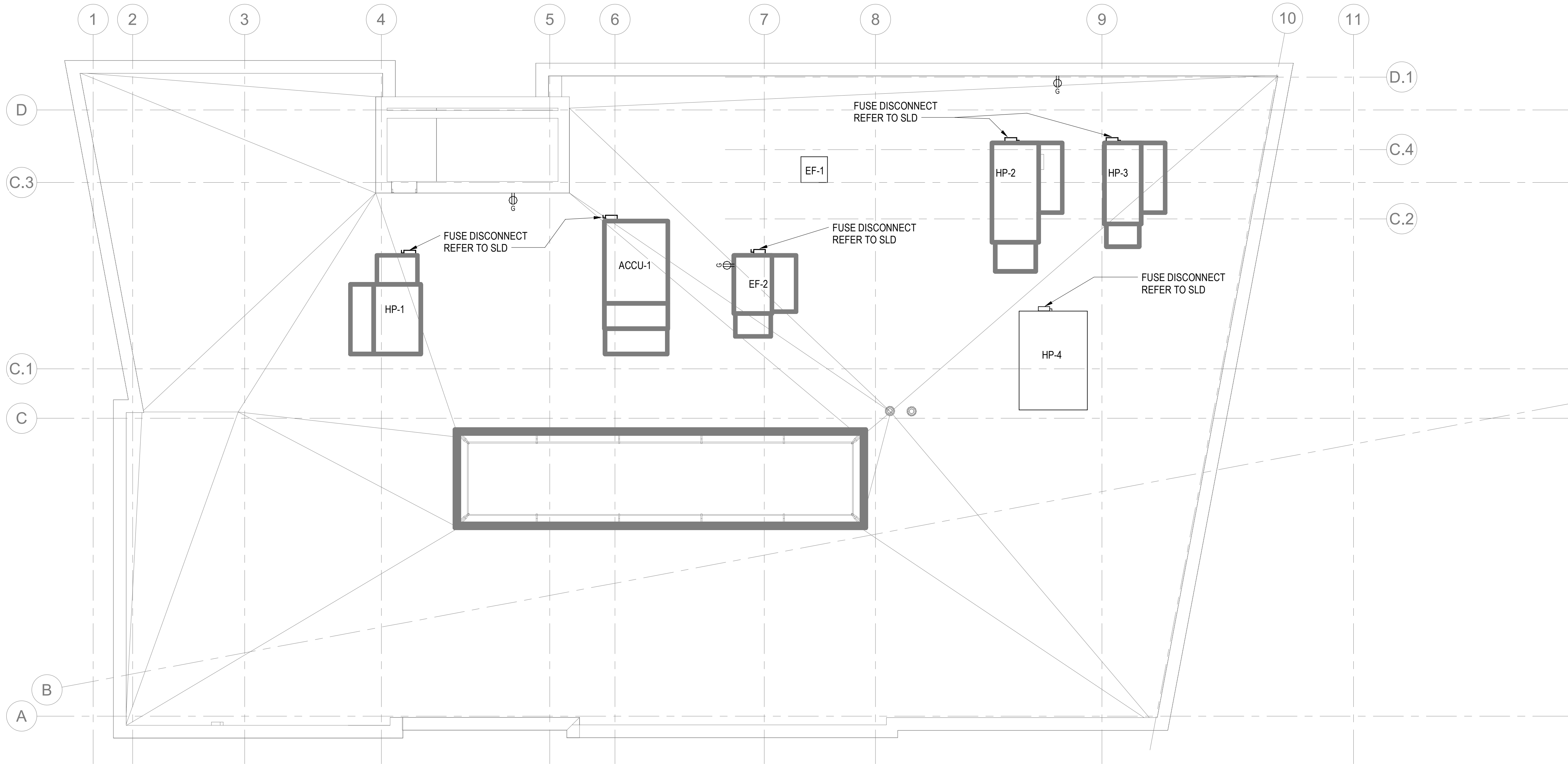
PBC Contract No: 10030
Project No: H-93
Title

LEVEL 2 POWER



SHEET NOTES:

1. VERIFY ALL DEVICE LOCATIONS, MOUNTING HEIGHT AND COLOR WITH ARCHITECTURAL AND FURNITURE PLANS PRIOR TO ROUGH-IN.
2. CONTRACTOR TO FIELD COORDINATE EXACT CONDUIT ROUTING WITH OTHER TRADES. DO NOT EXCEED 360 DEGREE BENDING.
3. GFCI PROTECTED RECEPTACLES SHALL BE PROVIDED FOR THE FOLLOWING AREAS BUT NOT LIMITED TO: BATHROOMS, KITCHEN/BUFFET SERVING AND AREAS WITH SINKS AND PERMANENT PROVISIONS FOR FOOD OR BEVERAGE PREPARATION OR COOKING, ROOFTOPS, OUTDOORS, WITHING 6FT OF SINKS, INDOOR DAMP OR WET LOCATIONS, LOCKER ROOMS, LAUNDRY AREAS, ETC.
4. PROVIDE A READILY ACESIBLE LOCAL DISCONNECT SWITCH FOR ALL FCU, CUH, AHU, WH, RP AND ANY OTHER ELECTRICAL MECHANICAL OR PLUMBING EQUIPMENT. FIELD VERIFY WHETHER EACH UNIT IS SUPPLIED WITH A FACTORY-INSTALLED DISCONNECT; IF NOT, FURNISH AND INSTALL A LOCAL DISCONNECT AS REQUIRED.
5. PENETRATIONS BELOW GRADE LEVEL SHALL BE WATERTIGHT. PENETRATIONS AT EXTERIOR WALLS, GRADE BEAMS, AND SLABS ON GRADE SHALL BE WEATHERPROOF.
6. CONDUIT PENETRATIONS SHALL BE RATED TO EQUAL ARCHITECTURAL WALLS, FLOOR AND CEILING RATING BY UL LISTED ASSEMBLY.



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



**DFSS BRONZEVILLE
REGIONAL SENIOR CENTER**

4711 - 4755 S. CALUMET AVE.
CHICAGO IL, 60615

PUBLIC BUILDING COMMISSION
CITY OF CHICAGO, MAYOR BRANDON JOHNSON

DESIGN ARCHITECT:



ADDRESS: 233 N. MICHIGAN AVE, #1900
CHICAGO, ILLINOIS 60601
PHONE: 312.856.1970
FAX: 312.856.1978
WEB: WWW.RADA-ARCH.COM

ARCHITECT OF RECORD:

MEP/FP ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

STRUCTURAL ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

CIVIL ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

LANDSCAPE ARCHITECT
TGDA Landscape Architecture
3233 W. Le Moine Street, #1
Chicago, IL 60651

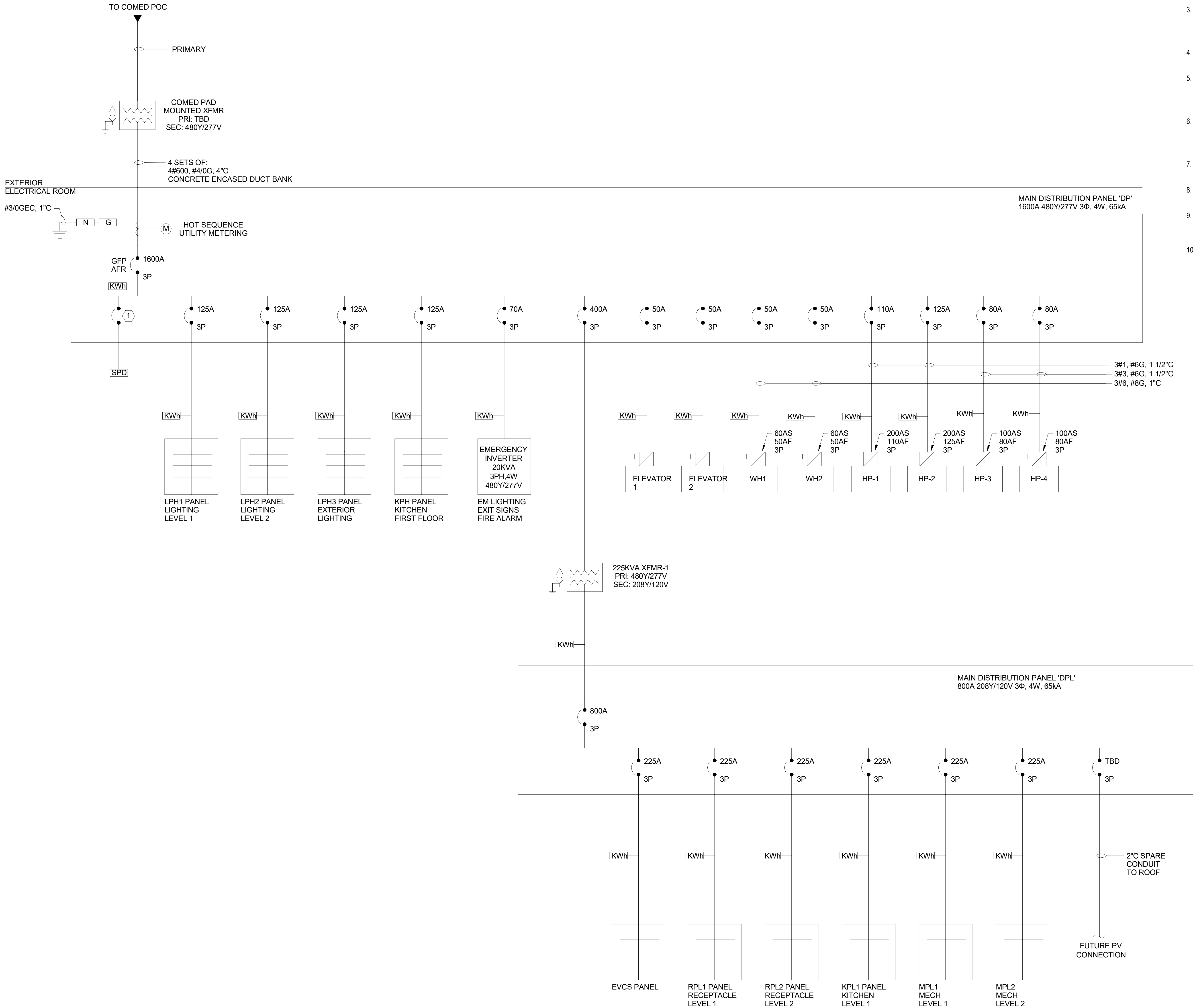
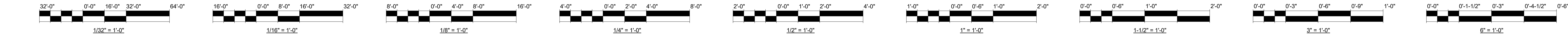
FOOD SERVICE CONSULTANT
S20 Consultants
530 N. Wood Street, #C
Chicago, IL 60622

Issuance		
MARK	DESCRIPTION	DATE
1	50% SD	6/20/2025
2	100% SD	8/15/2025

PBC Project Name: DFSS BRONZEVILLE
REGIONAL SENIOR CENTER

PBC Contract No: 10030
Project No: H-93

Title
ROOF - POWER PLAN



- GENERAL NOTES:
1. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY FOR THE NEW ELECTRICAL SERVICE.
 2. ALL TRANSFORMERS SHALL BE HIGH EFFICIENCY MEETING LEEDS AND THE CHICAGO ENERGY CODE.
 3. MAIN SWITCHBOARD ROOM WHICH SERVE THE BUILDING COMMON ELEMENT LOADS SHALL HAVE 3-HOUR FIRE RATING. ELECTRICAL ROOMS ON ALL FLOORS FOR SHALL HAVE 2-HOUR FIRE RATING. 14E-2-230.70(5). WHERE EQUIPMENT RATED 800A OR MORE THAT CONTAINS OVERCURRENT DEVICES, EQUIPPED PERSONNEL DOORS WITH LISTED PANIC HARDWARE AND DOOR SHALL OPEN IN THE DIRECTION OF EGRESS. 14E-1-110-26(C)(3).
 4. ALL SWITCHBOARDS AND PANELBOARDS SUPPLIED BY A FEEDER SHALL BE MARKED TO INDICATE THE DEVICE OR EQUIPMENT WHERE THE POWER SUPPLY ORIGINATES.
 5. SERVICE EQUIPMENT SHALL BE LEGIBLY MARKED IN THE FIELD WITH THE AVAILABLE FAULT CURRENT. THE MARKINGS SHALL INCLUDE THE DATE THE FAULT-CURRENT CALCULATION WAS PERFORMED. THE CALCULATION SHALL BE DOCUMENTED ON THE PLANS AND MADE AVAILABLE TO THOSE AUTHORIZED TO DESIGN, INSTALL, INSPECT, MAINTAIN OR OPERATE THE SYSTEM.
 6. PROVIDE NON-UTILITY METERING PER CHICAGO ENERGY CODE, IECC, LEED AND CONNECT TO THE BUILDING AUTOMATION SYSTEM. THE METERS SHALL BE LOCATED IN THE MAIN SERVICES, DISTRIBUTION PANELS AND BRANCH PANELS. LIGHTING METERING SHALL BE SEPARATE FROM OTHER POWER LOADS. THE METERING SYSTEM SHALL BE CONNECTED TO THE BAS SYSTEM AND REPORT ALL LEED INFORMATION THROUGH A BAS DASHBOARD.
 7. PROVIDE LIGHTING CONTROL SYSTEM PER CHICAGO ENERGY CODE, LEED AND CONNECT TO THE BUILDING AUTOMATION SYSTEM.
 8. COORDINATE EXACT BREAKER SIZE FOR SPD WITH MANUFACTURER. SPD SHALL BE PROVIDED BY PANELBOARD MANUFACTURER.
 9. PROVIDE SHUNT TRIP CIRCUIT FOR THE CIRCUITS FEEDING THE ELECTRICAL VEHICLE CHARGING STATIONS. PROVIDE A LOCAL EPO PUSHBUTTON FOR THE FIRE DEPARTMENT 'S USE TO TURN OFF THE EVC STATION AND LOCATE THE BUTTON AT THE FIRE ALARM ANNUNCIATOR.
 10. PROVIDE A GROUNDING SYSTEM MEETING THE CITY OF CHICAGO ELECTRICAL CODE.

1 SINGLE LINE DIAGRAM
SCALE: 1/8" = 1'-0"



**DFSS BRONZEVILLE
REGIONAL SENIOR CENTER**

4711 - 4755 S. CALUMET AVE.
CHICAGO IL, 60615

PUBLIC BUILDING COMMISSION
CITY OF CHICAGO, MAYOR BRANDON JOHNSON

DESIGN ARCHITECT:



ADDRESS: 233 N. MICHIGAN AVE, #1900
CHICAGO, ILLINOIS 60601
PHONE: 312.856.1970
FAX: 312.856.1978
WEB: WWW.RADA-ARCH.COM

ARCHITECT OF RECORD:

MEP/FP ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

STRUCTURAL ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

CIVIL ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

LANDSCAPE ARCHITECT
TGDA Landscape Architecture
3233 W. Le Moine Street, #1
Chicago, IL 60651

FOOD SERVICE CONSULTANT
S20 Consultants
530 N. Wood Street, #C
Chicago, IL 60622

Issuance		
MARK	DESCRIPTION	DATE
1	50% SD	6/20/2025
2	100% SD	8/15/2025

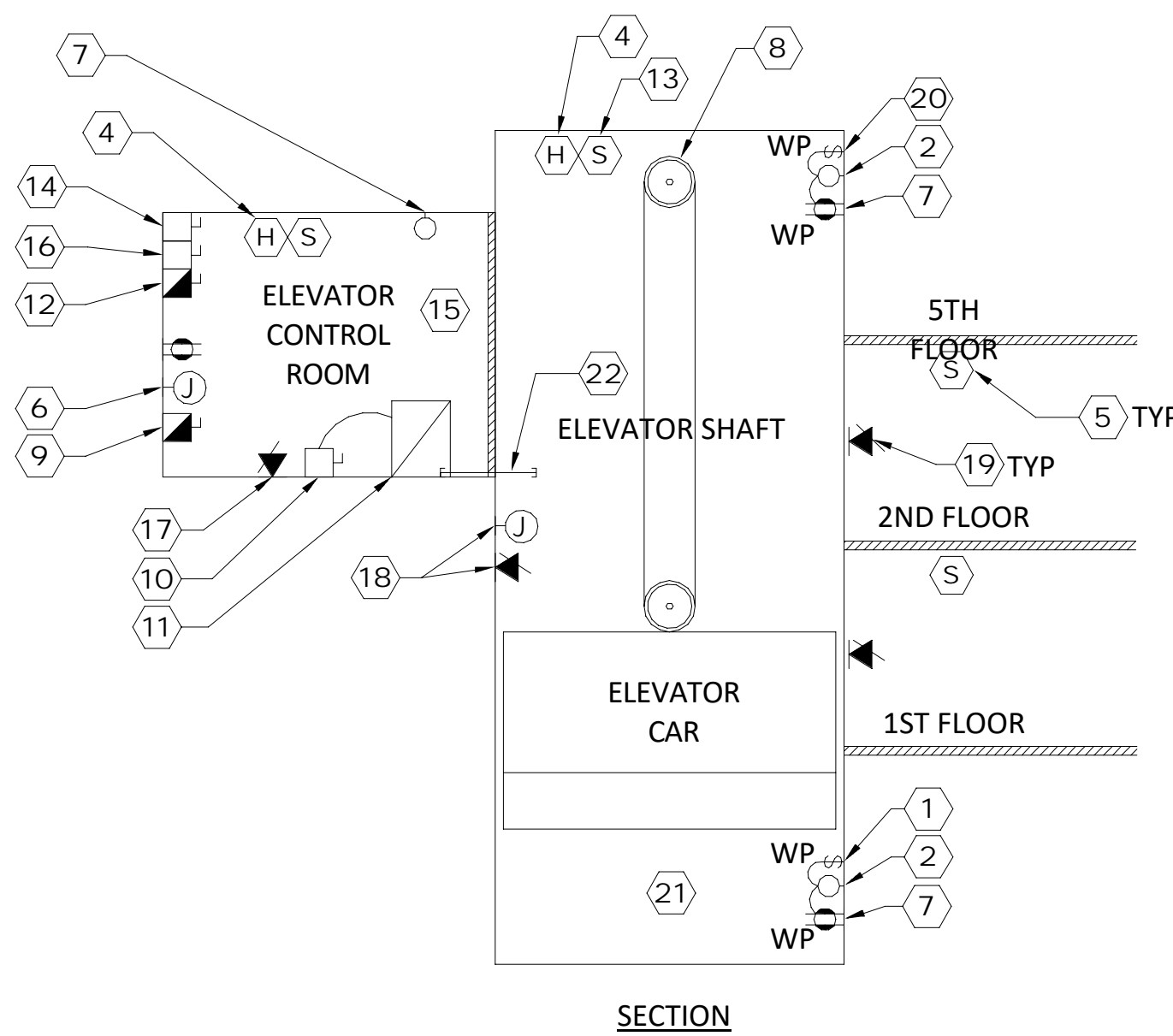
PBC Project Name: DFSS BRONZEVILLE
REGIONAL SENIOR CENTER

PBC Contract No: 10030

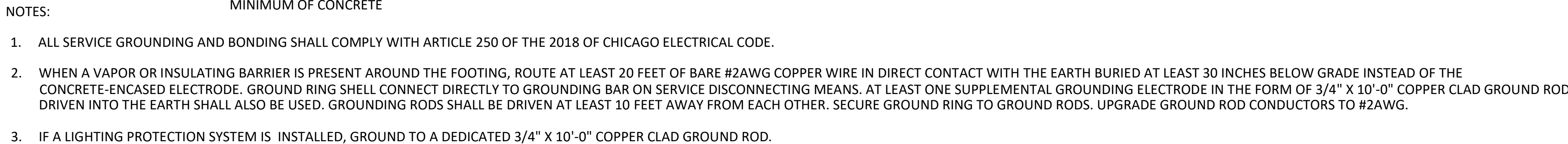
Project No: H-93

Title
SINGLE LINE DIAGRAM

Sheet
E5.00



- 1 ELEVATOR PIT AND CONTROL ROOM EQUIPMENT DETAIL
E5.01 SCALE: NTS



2 ELECTRICAL SERVICE GROUND AND BONDING DETAIL
E5.01 SCALE: NTS



**DFSS BRONZEVILLE
REGIONAL SENIOR CENTER**

4711 - 4755 S. CALUMET AVE.
CHICAGO IL, 60615

DESIGN ARCHITECT:



ADDRESS: 233 N. MICHIGAN AVE, #1900
CHICAGO, ILLINOIS 60601
PHONE: 312.856.1970
FAX: 312.856.1978
WEB: WWW.RADA-ARCH.COM

ARCHITECT OF RECORD:

MEP/FP ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

STRUCTURAL ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

CIVIL ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

LANDSCAPE ARCHITECT
TGDA Landscape Architecture
3233 W. Le Moyne Street, #1
Chicago, IL 60651

FOOD SERVICE CONSULTANT
S20 Consultants
530 N. Wood Street, #C
Chicago, IL 60622

[illegible]PBC Project Name: **DFSS BRONZEVILLE**

PBC Contract No: 10030

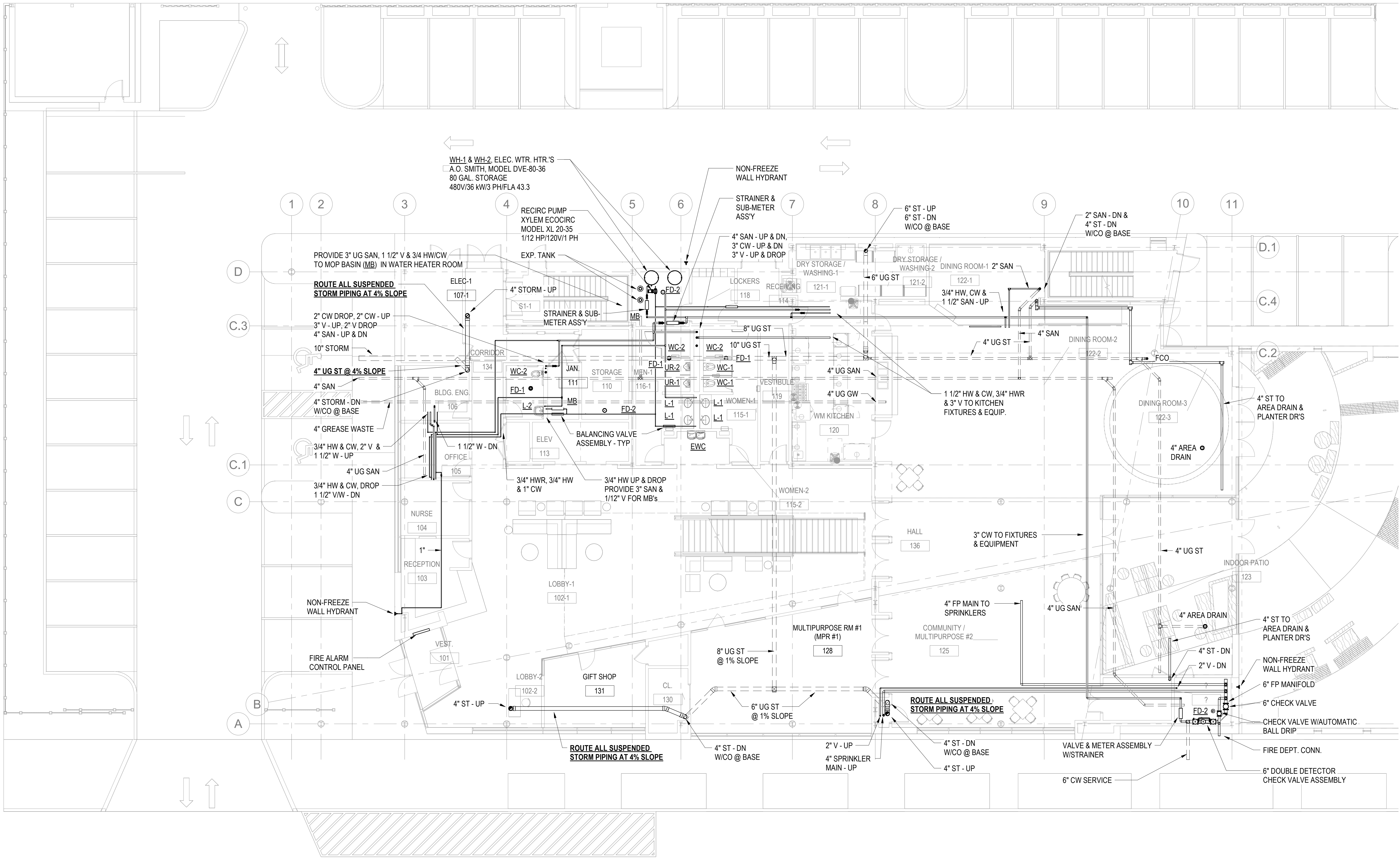
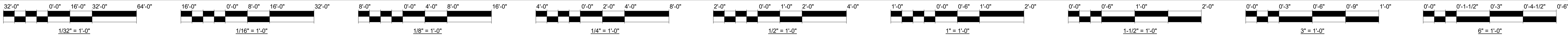
Project No: H-9:

Title

ELECTRICAL DETAILS

Shee

E5.01



1 LEVEL 1 - PLUMBING
SCALE: 1/8" = 1'-0"



**DFSS BRONZEVILLE
REGIONAL SENIOR CENTER**
4711 - 4755 S. CALUMET AVE.
CHICAGO IL, 60615
PUBLIC BUILDING COMMISSION
CITY OF CHICAGO, MAYOR BRANDON JOHNSON



ADDRESS: 233 N. MICHIGAN AVE, #1900
CHICAGO, ILLINOIS 60601
PHONE: 312.856.1970
FAX: 312.856.1978
WEB: WWW.RADA-ARCH.COM

ARCHITECT OF RECORD:

MEP/FP ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

STRUCTURAL ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

CIVIL ENGINEER
Milhouse Engineering
333 S. Wabash Avenue, Suite 2901
Chicago, IL 60604

LANDSCAPE ARCHITECT
TGDA Landscape Architecture
3233 W. Le Moine Street, #1
Chicago, IL 60651

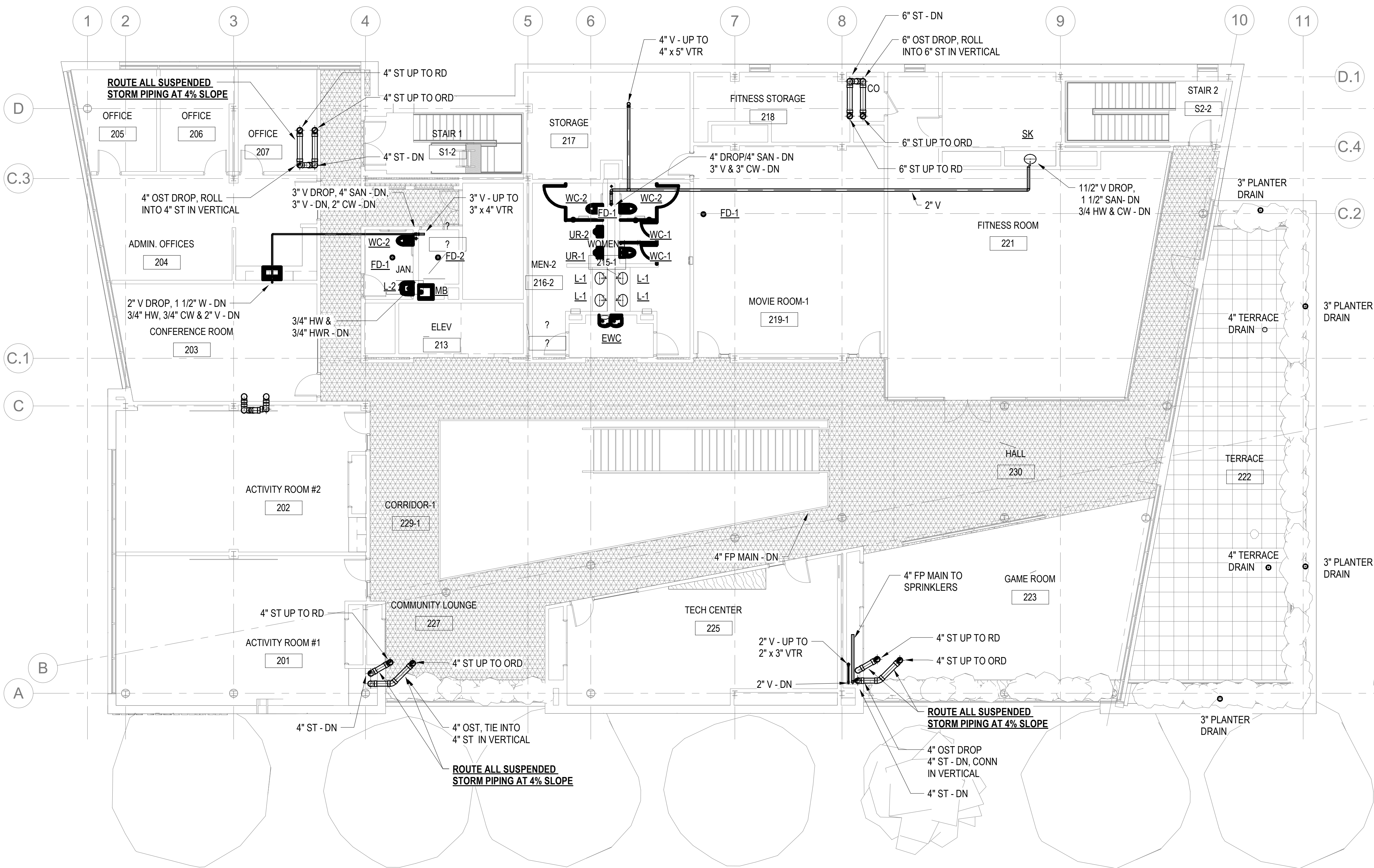
FOOD SERVICE CONSULTANT
S20 Consultants
530 N. Wood Street, #C
Chicago, IL 60622

Issuance		
MARK	DESCRIPTION	DATE
1	50% SD	6/20/2025
2	100% SD	8/15/2025

PBC Project Name: DFSS BRONZEVILLE
REGIONAL SENIOR CENTER

PBC Contract No: 10030
Project No: H-93

Title
**FIRST FLOOR PLUMBING
PLAN**



P1.02